

Appendix for Band 2

Report No.: BCTC2304548311-5E

Applicant: OAXIS ASIA PTE LTD

Product Name: myFirst Fone S3

Model/Type
reference: KW1401

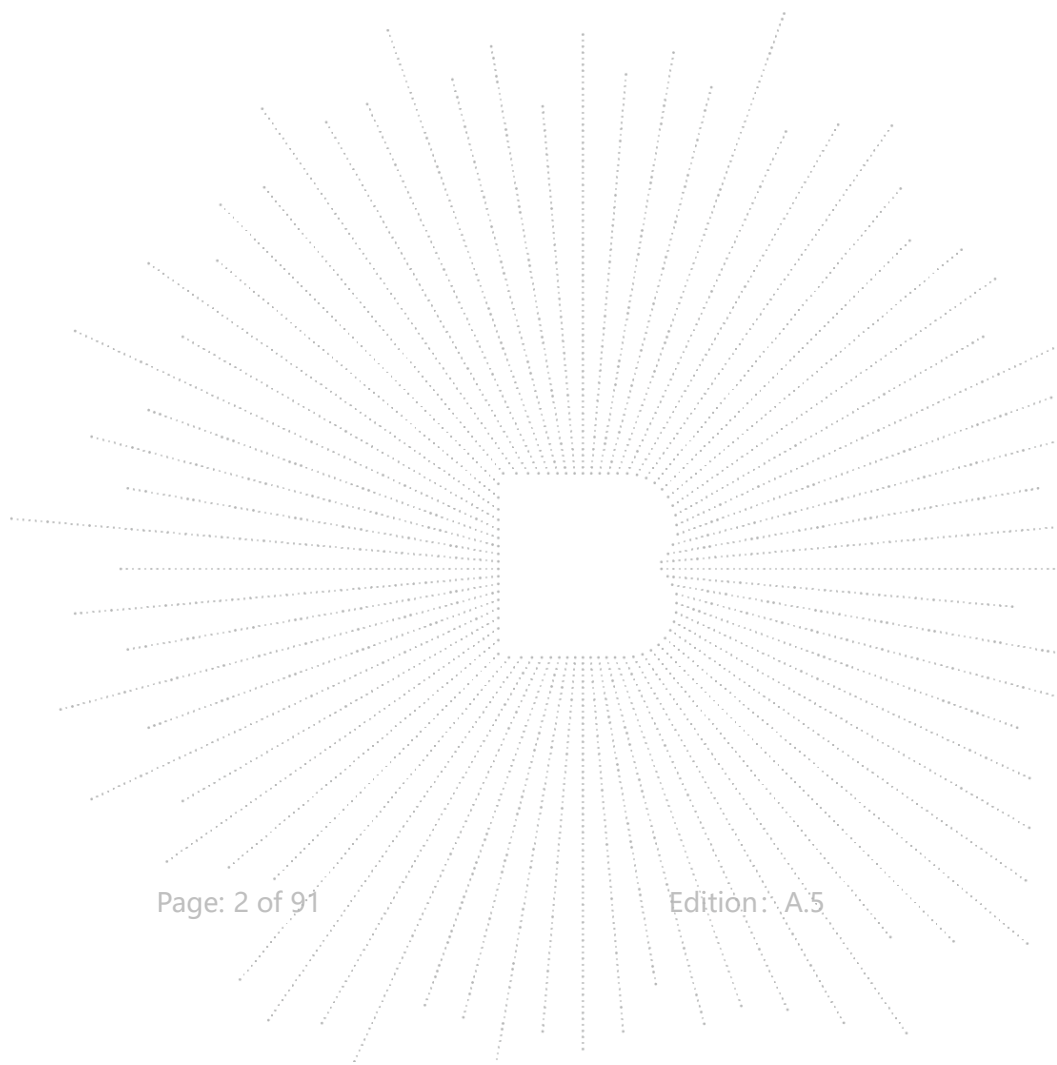
Tested Date: 2023-04-24 to 2023-05-15

Issued Date: 2023-05-15

Shenzhen BCTC Testing Co., Ltd.

Contents

Appendix 1. Conducted output power	3
Appendix 2. Frequency stability.....	9
Appendix 3. Peak-to-Average Ratio	22
Appendix 4. Occupied bandwidth	42
Appendix 5. Band edge	61
Appendix 6. Out-of-band emissions	74



Appendix 1. Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	22.41	-7.08	15.33	PASS
Band2	1.4	18607	1	#Mid	QPSK	22.43	-7.08	15.35	PASS
Band2	1.4	18607	1	#Max	QPSK	22.41	-7.08	15.33	PASS
Band2	1.4	18607	3	#0	QPSK	22.42	-7.08	15.34	PASS
Band2	1.4	18607	3	#Mid	QPSK	22.30	-7.08	15.22	PASS
Band2	1.4	18607	3	#Max	QPSK	22.36	-7.08	15.28	PASS
Band2	1.4	18607	6	#0	QPSK	21.39	-7.08	14.31	PASS
Band2	1.4	18607	1	#0	16QAM	21.90	-7.08	14.82	PASS
Band2	1.4	18607	1	#Mid	16QAM	21.85	-7.08	14.77	PASS
Band2	1.4	18607	1	#Max	16QAM	21.82	-7.08	14.74	PASS
Band2	1.4	18607	3	#0	16QAM	21.87	-7.08	14.79	PASS
Band2	1.4	18607	3	#Mid	16QAM	21.86	-7.08	14.78	PASS
Band2	1.4	18607	3	#Max	16QAM	21.81	-7.08	14.73	PASS
Band2	1.4	18607	6	#0	16QAM	20.68	-7.08	13.60	PASS
Band2	1.4	18900	1	#0	QPSK	22.45	-7.08	15.37	PASS
Band2	1.4	18900	1	#Mid	QPSK	22.42	-7.08	15.34	PASS
Band2	1.4	18900	1	#Max	QPSK	22.47	-7.08	15.39	PASS
Band2	1.4	18900	3	#0	QPSK	22.18	-7.08	15.10	PASS
Band2	1.4	18900	3	#Mid	QPSK	22.25	-7.08	15.17	PASS
Band2	1.4	18900	3	#Max	QPSK	22.21	-7.08	15.13	PASS
Band2	1.4	18900	6	#0	QPSK	21.36	-7.08	14.28	PASS
Band2	1.4	18900	1	#0	16QAM	21.76	-7.08	14.68	PASS
Band2	1.4	18900	1	#Mid	16QAM	21.78	-7.08	14.70	PASS
Band2	1.4	18900	1	#Max	16QAM	21.79	-7.08	14.71	PASS
Band2	1.4	18900	3	#0	16QAM	21.43	-7.08	14.35	PASS
Band2	1.4	18900	3	#Mid	16QAM	21.39	-7.08	14.31	PASS
Band2	1.4	18900	3	#Max	16QAM	21.37	-7.08	14.29	PASS
Band2	1.4	18900	6	#0	16QAM	20.75	-7.08	13.67	PASS
Band2	1.4	19193	1	#0	QPSK	21.86	-7.08	14.78	PASS
Band2	1.4	19193	1	#Mid	QPSK	21.91	-7.08	14.83	PASS
Band2	1.4	19193	1	#Max	QPSK	21.85	-7.08	14.77	PASS
Band2	1.4	19193	3	#0	QPSK	21.96	-7.08	14.88	PASS
Band2	1.4	19193	3	#Mid	QPSK	22.10	-7.08	15.02	PASS
Band2	1.4	19193	3	#Max	QPSK	22.07	-7.08	14.99	PASS
Band2	1.4	19193	6	#0	QPSK	21.00	-7.08	13.92	PASS
Band2	1.4	19193	1	#0	16QAM	21.69	-7.08	14.61	PASS
Band2	1.4	19193	1	#Mid	16QAM	21.66	-7.08	14.58	PASS
Band2	1.4	19193	1	#Max	16QAM	21.66	-7.08	14.58	PASS

Band2	1.4	19193	3	#0	16QAM	21.18	-7.08	14.10	PASS
Band2	1.4	19193	3	#Mid	16QAM	21.19	-7.08	14.11	PASS
Band2	1.4	19193	3	#Max	16QAM	21.20	-7.08	14.12	PASS
Band2	1.4	19193	6	#0	16QAM	19.97	-7.08	12.89	PASS
Band2	3	18615	1	#0	QPSK	22.39	-7.08	15.31	PASS
Band2	3	18615	1	#Mid	QPSK	22.34	-7.08	15.26	PASS
Band2	3	18615	1	#Max	QPSK	22.29	-7.08	15.21	PASS
Band2	3	18615	8	#0	QPSK	21.31	-7.08	14.23	PASS
Band2	3	18615	8	#Mid	QPSK	21.33	-7.08	14.25	PASS
Band2	3	18615	8	#Max	QPSK	21.29	-7.08	14.21	PASS
Band2	3	18615	15	#0	QPSK	21.41	-7.08	14.33	PASS
Band2	3	18615	1	#0	16QAM	22.65	-7.08	15.57	PASS
Band2	3	18615	1	#Mid	16QAM	22.62	-7.08	15.54	PASS
Band2	3	18615	1	#Max	16QAM	22.60	-7.08	15.52	PASS
Band2	3	18615	8	#0	16QAM	20.45	-7.08	13.37	PASS
Band2	3	18615	8	#Mid	16QAM	20.45	-7.08	13.37	PASS
Band2	3	18615	8	#Max	16QAM	20.37	-7.08	13.29	PASS
Band2	3	18615	15	#0	16QAM	20.51	-7.08	13.43	PASS
Band2	3	18900	1	#0	QPSK	22.26	-7.08	15.18	PASS
Band2	3	18900	1	#Mid	QPSK	22.29	-7.08	15.21	PASS
Band2	3	18900	1	#Max	QPSK	22.23	-7.08	15.15	PASS
Band2	3	18900	8	#0	QPSK	21.37	-7.08	14.29	PASS
Band2	3	18900	8	#Mid	QPSK	21.27	-7.08	14.19	PASS
Band2	3	18900	8	#Max	QPSK	21.30	-7.08	14.22	PASS
Band2	3	18900	15	#0	QPSK	21.25	-7.08	14.17	PASS
Band2	3	18900	1	#0	16QAM	20.91	-7.08	13.83	PASS
Band2	3	18900	1	#Mid	16QAM	20.85	-7.08	13.77	PASS
Band2	3	18900	1	#Max	16QAM	20.84	-7.08	13.76	PASS
Band2	3	18900	8	#0	16QAM	20.45	-7.08	13.37	PASS
Band2	3	18900	8	#Mid	16QAM	20.50	-7.08	13.42	PASS
Band2	3	18900	8	#Max	16QAM	20.45	-7.08	13.37	PASS
Band2	3	18900	15	#0	16QAM	20.45	-7.08	13.37	PASS
Band2	3	19185	1	#0	QPSK	21.92	-7.08	14.84	PASS
Band2	3	19185	1	#Mid	QPSK	22.07	-7.08	14.99	PASS
Band2	3	19185	1	#Max	QPSK	22.10	-7.08	15.02	PASS
Band2	3	19185	8	#0	QPSK	20.98	-7.08	13.90	PASS
Band2	3	19185	8	#Mid	QPSK	20.95	-7.08	13.87	PASS
Band2	3	19185	8	#Max	QPSK	20.92	-7.08	13.84	PASS
Band2	3	19185	15	#0	QPSK	20.98	-7.08	13.90	PASS
Band2	3	19185	1	#0	16QAM	21.37	-7.08	14.29	PASS
Band2	3	19185	1	#Mid	16QAM	21.44	-7.08	14.36	PASS
Band2	3	19185	1	#Max	16QAM	21.40	-7.08	14.32	PASS
Band2	3	19185	8	#0	16QAM	20.06	-7.08	12.98	PASS

Band2	3	19185	8	#Mid	16QAM	20.07	-7.08	12.99	PASS
Band2	3	19185	8	#Max	16QAM	20.09	-7.08	13.01	PASS
Band2	3	19185	15	#0	16QAM	20.17	-7.08	13.09	PASS
Band2	5	18625	1	#0	QPSK	22.39	-7.08	15.31	PASS
Band2	5	18625	1	#Mid	QPSK	22.32	-7.08	15.24	PASS
Band2	5	18625	1	#Max	QPSK	22.32	-7.08	15.24	PASS
Band2	5	18625	12	#0	QPSK	21.34	-7.08	14.26	PASS
Band2	5	18625	12	#Mid	QPSK	21.27	-7.08	14.19	PASS
Band2	5	18625	12	#Max	QPSK	21.27	-7.08	14.19	PASS
Band2	5	18625	25	#0	QPSK	21.35	-7.08	14.27	PASS
Band2	5	18625	1	#0	16QAM	21.41	-7.08	14.33	PASS
Band2	5	18625	1	#Mid	16QAM	21.35	-7.08	14.27	PASS
Band2	5	18625	1	#Max	16QAM	21.32	-7.08	14.24	PASS
Band2	5	18625	12	#0	16QAM	20.57	-7.08	13.49	PASS
Band2	5	18625	12	#Mid	16QAM	20.47	-7.08	13.39	PASS
Band2	5	18625	12	#Max	16QAM	20.44	-7.08	13.36	PASS
Band2	5	18625	25	#0	16QAM	20.45	-7.08	13.37	PASS
Band2	5	18900	1	#0	QPSK	22.25	-7.08	15.17	PASS
Band2	5	18900	1	#Mid	QPSK	22.17	-7.08	15.09	PASS
Band2	5	18900	1	#Max	QPSK	22.13	-7.08	15.05	PASS
Band2	5	18900	12	#0	QPSK	21.32	-7.08	14.24	PASS
Band2	5	18900	12	#Mid	QPSK	21.27	-7.08	14.19	PASS
Band2	5	18900	12	#Max	QPSK	21.22	-7.08	14.14	PASS
Band2	5	18900	25	#0	QPSK	21.30	-7.08	14.22	PASS
Band2	5	18900	1	#0	16QAM	21.50	-7.08	14.42	PASS
Band2	5	18900	1	#Mid	16QAM	21.40	-7.08	14.32	PASS
Band2	5	18900	1	#Max	16QAM	21.37	-7.08	14.29	PASS
Band2	5	18900	12	#0	16QAM	20.40	-7.08	13.32	PASS
Band2	5	18900	12	#Mid	16QAM	20.33	-7.08	13.25	PASS
Band2	5	18900	12	#Max	16QAM	20.29	-7.08	13.21	PASS
Band2	5	18900	25	#0	16QAM	20.54	-7.08	13.46	PASS
Band2	5	19175	1	#0	QPSK	21.96	-7.08	14.88	PASS
Band2	5	19175	1	#Mid	QPSK	22.01	-7.08	14.93	PASS
Band2	5	19175	1	#Max	QPSK	22.13	-7.08	15.05	PASS
Band2	5	19175	12	#0	QPSK	20.90	-7.08	13.82	PASS
Band2	5	19175	12	#Mid	QPSK	20.92	-7.08	13.84	PASS
Band2	5	19175	12	#Max	QPSK	20.97	-7.08	13.89	PASS
Band2	5	19175	25	#0	QPSK	20.94	-7.08	13.86	PASS
Band2	5	19175	1	#0	16QAM	20.65	-7.08	13.57	PASS
Band2	5	19175	1	#Mid	16QAM	20.73	-7.08	13.65	PASS
Band2	5	19175	1	#Max	16QAM	20.84	-7.08	13.76	PASS
Band2	5	19175	12	#0	16QAM	19.96	-7.08	12.88	PASS
Band2	5	19175	12	#Mid	16QAM	19.95	-7.08	12.87	PASS

Band2	5	19175	12	#Max	16QAM	19.96	-7.08	12.88	PASS
Band2	5	19175	25	#0	16QAM	20.17	-7.08	13.09	PASS
Band2	10	18650	1	#0	QPSK	22.43	-7.08	15.35	PASS
Band2	10	18650	1	#Mid	QPSK	22.35	-7.08	15.27	PASS
Band2	10	18650	1	#Max	QPSK	22.40	-7.08	15.32	PASS
Band2	10	18650	25	#0	QPSK	21.38	-7.08	14.30	PASS
Band2	10	18650	25	#Mid	QPSK	21.32	-7.08	14.24	PASS
Band2	10	18650	25	#Max	QPSK	21.39	-7.08	14.31	PASS
Band2	10	18650	50	#0	QPSK	21.24	-7.08	14.16	PASS
Band2	10	18650	1	#0	16QAM	21.54	-7.08	14.46	PASS
Band2	10	18650	1	#Mid	16QAM	21.49	-7.08	14.41	PASS
Band2	10	18650	1	#Max	16QAM	21.52	-7.08	14.44	PASS
Band2	10	18650	25	#0	16QAM	20.47	-7.08	13.39	PASS
Band2	10	18650	25	#Mid	16QAM	20.54	-7.08	13.46	PASS
Band2	10	18650	25	#Max	16QAM	20.51	-7.08	13.43	PASS
Band2	10	18650	50	#0	16QAM	20.49	-7.08	13.41	PASS
Band2	10	18900	1	#0	QPSK	22.54	-7.08	15.46	PASS
Band2	10	18900	1	#Mid	QPSK	22.42	-7.08	15.34	PASS
Band2	10	18900	1	#Max	QPSK	22.29	-7.08	15.21	PASS
Band2	10	18900	25	#0	QPSK	21.29	-7.08	14.21	PASS
Band2	10	18900	25	#Mid	QPSK	21.27	-7.08	14.19	PASS
Band2	10	18900	25	#Max	QPSK	21.26	-7.08	14.18	PASS
Band2	10	18900	50	#0	QPSK	21.34	-7.08	14.26	PASS
Band2	10	18900	1	#0	16QAM	21.63	-7.08	14.55	PASS
Band2	10	18900	1	#Mid	16QAM	21.55	-7.08	14.47	PASS
Band2	10	18900	1	#Max	16QAM	21.35	-7.08	14.27	PASS
Band2	10	18900	25	#0	16QAM	20.52	-7.08	13.44	PASS
Band2	10	18900	25	#Mid	16QAM	20.49	-7.08	13.41	PASS
Band2	10	18900	25	#Max	16QAM	20.41	-7.08	13.33	PASS
Band2	10	18900	50	#0	16QAM	20.52	-7.08	13.44	PASS
Band2	10	19150	1	#0	QPSK	21.78	-7.08	14.70	PASS
Band2	10	19150	1	#Mid	QPSK	21.89	-7.08	14.81	PASS
Band2	10	19150	1	#Max	QPSK	21.96	-7.08	14.88	PASS
Band2	10	19150	25	#0	QPSK	20.90	-7.08	13.82	PASS
Band2	10	19150	25	#Mid	QPSK	20.79	-7.08	13.71	PASS
Band2	10	19150	25	#Max	QPSK	20.90	-7.08	13.82	PASS
Band2	10	19150	50	#0	QPSK	20.85	-7.08	13.77	PASS
Band2	10	19150	1	#0	16QAM	22.05	-7.08	14.97	PASS
Band2	10	19150	1	#Mid	16QAM	22.08	-7.08	15.00	PASS
Band2	10	19150	1	#Max	16QAM	22.11	-7.08	15.03	PASS
Band2	10	19150	25	#0	16QAM	20.08	-7.08	13.00	PASS
Band2	10	19150	25	#Mid	16QAM	20.05	-7.08	12.97	PASS
Band2	10	19150	25	#Max	16QAM	20.11	-7.08	13.03	PASS

Band2	10	19150	50	#0	16QAM	20.12	-7.08	13.04	PASS
Band2	15	18675	1	#0	QPSK	22.32	-7.08	15.24	PASS
Band2	15	18675	1	#Mid	QPSK	22.22	-7.08	15.14	PASS
Band2	15	18675	1	#Max	QPSK	22.35	-7.08	15.27	PASS
Band2	15	18675	36	#0	QPSK	21.35	-7.08	14.27	PASS
Band2	15	18675	36	#Mid	QPSK	21.26	-7.08	14.18	PASS
Band2	15	18675	36	#Max	QPSK	21.37	-7.08	14.29	PASS
Band2	15	18675	75	#0	QPSK	21.38	-7.08	14.30	PASS
Band2	15	18675	1	#0	16QAM	22.70	-7.08	15.62	PASS
Band2	15	18675	1	#Mid	16QAM	22.56	-7.08	15.48	PASS
Band2	15	18675	1	#Max	16QAM	22.69	-7.08	15.61	PASS
Band2	15	18675	36	#0	16QAM	20.51	-7.08	13.43	PASS
Band2	15	18675	36	#Mid	16QAM	20.47	-7.08	13.39	PASS
Band2	15	18675	36	#Max	16QAM	20.50	-7.08	13.42	PASS
Band2	15	18675	75	#0	16QAM	20.48	-7.08	13.40	PASS
Band2	15	18900	1	#0	QPSK	22.33	-7.08	15.25	PASS
Band2	15	18900	1	#Mid	QPSK	22.14	-7.08	15.06	PASS
Band2	15	18900	1	#Max	QPSK	21.95	-7.08	14.87	PASS
Band2	15	18900	36	#0	QPSK	21.37	-7.08	14.29	PASS
Band2	15	18900	36	#Mid	QPSK	21.28	-7.08	14.20	PASS
Band2	15	18900	36	#Max	QPSK	21.18	-7.08	14.10	PASS
Band2	15	18900	75	#0	QPSK	21.26	-7.08	14.18	PASS
Band2	15	18900	1	#0	16QAM	22.20	-7.08	15.12	PASS
Band2	15	18900	1	#Mid	16QAM	22.06	-7.08	14.98	PASS
Band2	15	18900	1	#Max	16QAM	21.83	-7.08	14.75	PASS
Band2	15	18900	36	#0	16QAM	20.65	-7.08	13.57	PASS
Band2	15	18900	36	#Mid	16QAM	20.56	-7.08	13.48	PASS
Band2	15	18900	36	#Max	16QAM	20.48	-7.08	13.40	PASS
Band2	15	18900	75	#0	16QAM	20.48	-7.08	13.40	PASS
Band2	15	19125	1	#0	QPSK	21.94	-7.08	14.86	PASS
Band2	15	19125	1	#Mid	QPSK	21.93	-7.08	14.85	PASS
Band2	15	19125	1	#Max	QPSK	21.99	-7.08	14.91	PASS
Band2	15	19125	36	#0	QPSK	20.89	-7.08	13.81	PASS
Band2	15	19125	36	#Mid	QPSK	20.77	-7.08	13.69	PASS
Band2	15	19125	36	#Max	QPSK	21.00	-7.08	13.92	PASS
Band2	15	19125	75	#0	QPSK	20.92	-7.08	13.84	PASS
Band2	15	19125	1	#0	16QAM	21.06	-7.08	13.98	PASS
Band2	15	19125	1	#Mid	16QAM	21.00	-7.08	13.92	PASS
Band2	15	19125	1	#Max	16QAM	21.17	-7.08	14.09	PASS
Band2	15	19125	36	#0	16QAM	20.12	-7.08	13.04	PASS
Band2	15	19125	36	#Mid	16QAM	20.11	-7.08	13.03	PASS
Band2	15	19125	36	#Max	16QAM	20.29	-7.08	13.21	PASS
Band2	15	19125	75	#0	16QAM	19.98	-7.08	12.90	PASS

Band2	20	18700	1	#0	QPSK	22.40	-7.08	15.32	PASS
Band2	20	18700	1	#Mid	QPSK	22.40	-7.08	15.32	PASS
Band2	20	18700	1	#Max	QPSK	22.55	-7.08	15.47	PASS
Band2	20	18700	50	#0	QPSK	21.32	-7.08	14.24	PASS
Band2	20	18700	50	#Mid	QPSK	21.29	-7.08	14.21	PASS
Band2	20	18700	50	#Max	QPSK	21.35	-7.08	14.27	PASS
Band2	20	18700	100	#0	QPSK	21.27	-7.08	14.19	PASS
Band2	20	18700	1	#0	16QAM	21.14	-7.08	14.06	PASS
Band2	20	18700	1	#Mid	16QAM	21.03	-7.08	13.95	PASS
Band2	20	18700	1	#Max	16QAM	21.20	-7.08	14.12	PASS
Band2	20	18700	50	#0	16QAM	20.53	-7.08	13.45	PASS
Band2	20	18700	50	#Mid	16QAM	20.50	-7.08	13.42	PASS
Band2	20	18700	50	#Max	16QAM	20.64	-7.08	13.56	PASS
Band2	20	18700	100	#0	16QAM	20.47	-7.08	13.39	PASS
Band2	20	18900	1	#0	QPSK	22.42	-7.08	15.34	PASS
Band2	20	18900	1	#Mid	QPSK	22.32	-7.08	15.24	PASS
Band2	20	18900	1	#Max	QPSK	22.31	-7.08	15.23	PASS
Band2	20	18900	50	#0	QPSK	21.46	-7.08	14.38	PASS
Band2	20	18900	50	#Mid	QPSK	21.28	-7.08	14.20	PASS
Band2	20	18900	50	#Max	QPSK	21.17	-7.08	14.09	PASS
Band2	20	18900	100	#0	QPSK	21.34	-7.08	14.26	PASS
Band2	20	18900	1	#0	16QAM	21.27	-7.08	14.19	PASS
Band2	20	18900	1	#Mid	16QAM	21.18	-7.08	14.10	PASS
Band2	20	18900	1	#Max	16QAM	20.92	-7.08	13.84	PASS
Band2	20	18900	50	#0	16QAM	20.48	-7.08	13.40	PASS
Band2	20	18900	50	#Mid	16QAM	20.46	-7.08	13.38	PASS
Band2	20	18900	50	#Max	16QAM	20.27	-7.08	13.19	PASS
Band2	20	18900	100	#0	16QAM	20.51	-7.08	13.43	PASS
Band2	20	19100	1	#0	QPSK	22.19	-7.08	15.11	PASS
Band2	20	19100	1	#Mid	QPSK	22.12	-7.08	15.04	PASS
Band2	20	19100	1	#Max	QPSK	22.30	-7.08	15.22	PASS
Band2	20	19100	50	#0	QPSK	20.90	-7.08	13.82	PASS
Band2	20	19100	50	#Mid	QPSK	20.85	-7.08	13.77	PASS
Band2	20	19100	50	#Max	QPSK	20.84	-7.08	13.76	PASS
Band2	20	19100	100	#0	QPSK	20.99	-7.08	13.91	PASS
Band2	20	19100	1	#0	16QAM	20.51	-7.08	13.43	PASS
Band2	20	19100	1	#Mid	16QAM	20.44	-7.08	13.36	PASS
Band2	20	19100	1	#Max	16QAM	20.63	-7.08	13.55	PASS
Band2	20	19100	50	#0	16QAM	20.06	-7.08	12.98	PASS
Band2	20	19100	50	#Mid	16QAM	20.01	-7.08	12.93	PASS
Band2	20	19100	50	#Max	16QAM	20.11	-7.08	13.03	PASS
Band2	20	19100	100	#0	16QAM	20.07	-7.08	12.99	PASS

Appendix 2. Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 2	1.4	18607	6	#0	QPSK	LV	NT	-3.45	-0.002	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	NT	-6.48	-0.004	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	HV	NT	-8.44	-0.005	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	LV	NT	-11.63	-0.006	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	NT	-12.99	-0.007	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	HV	NT	-12.67	-0.007	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	LV	NT	-5.89	-0.003	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	NT	-6.72	-0.004	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	HV	NT	-7.87	-0.004	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	LV	NT	-8.47	-0.005	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	NT	-8.65	-0.005	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	HV	NT	-7.85	-0.004	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	LV	NT	5.99	0.003	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	NT	7.50	0.004	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	HV	NT	11.16	0.006	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	LV	NT	20.11	0.011	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	NT	26.06	0.014	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	HV	NT	34.69	0.018	-2.5	2.5	PASS
Band	3	18615	15	#0	QPSK	LV	NT	-1.50	-0.00	-2.5	2.5	PASS

2									1			
Band 2	3	18615	15	#0	QPSK	NV	NT	0.89	0.000	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	HV	NT	5.42	0.003	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	LV	NT	10.64	0.006	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	NT	16.85	0.009	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	HV	NT	23.10	0.012	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	LV	NT	-6.07	-0.003	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	NT	-0.76	0.000	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	HV	NT	3.52	0.002	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	LV	NT	7.28	0.004	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	NT	3.62	0.002	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	HV	NT	2.75	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	LV	NT	1.82	0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	NT	4.88	0.003	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	HV	NT	9.20	0.005	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	LV	NT	16.18	0.008	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	NT	21.03	0.011	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	HV	NT	27.72	0.015	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	LV	NT	-5.56	-0.003	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	NT	-6.52	-0.004	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	HV	NT	-5.51	-0.003	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	LV	NT	-3.38	-0.002	-2.5	2.5	PASS

Band 2	5	18625	25	#0	16QAM	NV	NT	-0.21	0.000	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	HV	NT	3.28	0.002	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	LV	NT	-3.42	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	NT	-1.76	-0.00 1	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	HV	NT	-1.40	-0.00 1	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	LV	NT	0.99	0.001	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	NT	2.63	0.001	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	HV	NT	4.96	0.003	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	LV	NT	-5.89	-0.00 3	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	NT	-8.17	-0.00 4	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	HV	NT	-8.45	-0.00 4	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	LV	NT	-6.72	-0.00 4	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	NT	-4.92	-0.00 3	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	HV	NT	-3.58	-0.00 2	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	LV	NT	-8.83	-0.00 5	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	NT	-12.9 6	-0.00 7	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	HV	NT	-16.1 8	-0.00 9	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	LV	NT	-17.6 4	-0.01 0	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	NT	-16.6 4	-0.00 9	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	HV	NT	-15.0 8	-0.00 8	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	LV	NT	-0.09	0.000	-2.5	2.5	PASS
Band	10	18900	50	#0	QPSK	NV	NT	-1.59	-0.00	-2.5	2.5	PASS

2									1			
Band 2	10	18900	50	#0	QPSK	HV	NT	-2.56	-0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	LV	NT	-3.36	-0.002	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	NT	-2.66	-0.001	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	HV	NT	-2.52	-0.001	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	LV	NT	17.87	0.009	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	NT	21.66	0.011	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	HV	NT	28.37	0.015	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	LV	NT	39.01	0.020	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	NT	49.50	0.026	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	HV	NT	-3.56	-0.002	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	LV	NT	-9.41	-0.005	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	NT	-8.70	-0.005	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	HV	NT	-5.56	-0.003	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	LV	NT	-1.43	-0.001	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	NT	3.95	0.002	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	HV	NT	6.74	0.004	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	LV	NT	3.91	0.002	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	NT	3.33	0.002	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	HV	NT	3.12	0.002	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	LV	NT	6.27	0.003	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	NT	8.01	0.004	-2.5	2.5	PASS

Band 2	15	18900	75	#0	16QAM	HV	NT	9.84	0.005	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	LV	NT	-10.4 7	-0.00 6	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	NT	-12.6 5	-0.00 7	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	HV	NT	-14.1 0	-0.00 7	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	LV	NT	-12.9 3	-0.00 7	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	NT	-11.62	-0.00 6	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	HV	NT	-12.4 7	-0.00 7	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	LV	NT	-17.3 8	-0.00 9	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	NT	-23.3 7	-0.01 3	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	HV	NT	-25.9 1	-0.01 4	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	LV	NT	-26.4 1	-0.01 4	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	NT	-25.8 2	-0.01 4	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	HV	NT	-25.9 9	-0.01 4	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	LV	NT	3.53	0.002	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	NT	1.14	0.001	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	HV	NT	-1.22	-0.00 1	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	LV	NT	-1.43	-0.00 1	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	NT	-2.88	-0.00 2	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	HV	NT	-3.16	-0.00 2	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	LV	NT	-11.32	-0.00 6	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	NT	-15.7 8	-0.00 8	-2.5	2.5	PASS
Band	20	19100	100	#0	QPSK	HV	NT	-17.7	-0.00	-2.5	2.5	PASS

2								4	9			
Band 2	20	19100	100	#0	16QAM	LV	NT	-18.40	-0.010	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	NT	-19.68	-0.010	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	HV	NT	-21.36	-0.011	-2.5	2.5	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (C)	Result (Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
Band 2	1.4	18607	6	#0	QPSK	NV	-30	24.49	0.013	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	-20	27.35	0.015	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	0	33.52	0.018	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	10	38.67	0.021	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	QPSK	NV	20	45.75	0.025	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	-30	2.10	0.001	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	-20	8.84	0.005	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	0	17.62	0.010	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	10	24.79	0.013	-2.5	2.5	PASS
Band 2	1.4	18607	6	#0	16QAM	NV	20	32.06	0.017	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	-30	17.45	0.009	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	-20	24.42	0.013	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	0	29.74	0.016	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	10	35.88	0.019	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	QPSK	NV	20	40.78	0.022	-2.5	2.5	PASS
Band	1.4	18900	6	#0	16QAM	NV	-30	10.64	0.006	-2.5	2.5	PASS

2												
Band 2	1.4	18900	6	#0	16QAM	NV	-20	18.11	0.010	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	0	22.86	0.012	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	10	28.57	0.015	-2.5	2.5	PASS
Band 2	1.4	18900	6	#0	16QAM	NV	20	34.50	0.018	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	-30	-10.0 3	-0.00 5	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	-20	-6.15	-0.00 3	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	0	-3.66	-0.00 2	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	10	1.16	0.001	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	QPSK	NV	20	5.56	0.003	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	-30	12.50	0.007	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	-20	18.40	0.010	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	0	23.79	0.012	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	10	27.72	0.015	-2.5	2.5	PASS
Band 2	1.4	19193	6	#0	16QAM	NV	20	32.54	0.017	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	-30	-9.73	-0.00 5	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	-20	-12.4 3	-0.00 7	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	0	-11.69	-0.00 6	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	10	-9.68	-0.00 5	-2.5	2.5	PASS
Band 2	3	18615	15	#0	QPSK	NV	20	-7.47	-0.00 4	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	-30	-3.62	-0.00 2	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	-20	0.10	0.000	-2.5	2.5	PASS

Band 2	3	18615	15	#0	16QAM	NV	0	4.09	0.002	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	10	7.55	0.004	-2.5	2.5	PASS
Band 2	3	18615	15	#0	16QAM	NV	20	9.77	0.005	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	-30	-4.18	-0.002	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	-20	-2.76	-0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	0	-1.27	-0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	10	1.22	0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	QPSK	NV	20	2.72	0.001	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	-30	6.07	0.003	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	-20	9.08	0.005	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	0	10.63	0.006	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	10	12.95	0.007	-2.5	2.5	PASS
Band 2	3	18900	15	#0	16QAM	NV	20	14.62	0.008	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	-30	-2.57	-0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	-20	-3.73	-0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	0	-3.73	-0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	10	-2.89	-0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	QPSK	NV	20	-1.97	-0.001	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	-30	0.46	0.000	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	-20	3.40	0.002	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	0	4.92	0.003	-2.5	2.5	PASS
Band 2	3	19185	15	#0	16QAM	NV	10	6.52	0.003	-2.5	2.5	PASS

2												
Band 2	3	19185	15	#0	16QAM	NV	20	8.07	0.004	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	-30	-15.8 1	-0.00 9	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	-20	-19.0 7	-0.01 0	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	0	-20.9 6	-0.011	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	10	-20.5 7	-0.011	-2.5	2.5	PASS
Band 2	5	18625	25	#0	QPSK	NV	20	-20.6 1	-0.011	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	-30	-18.9 4	-0.01 0	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	-20	-18.1 7	-0.01 0	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	0	-16.5 5	-0.00 9	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	10	-16.0 1	-0.00 9	-2.5	2.5	PASS
Band 2	5	18625	25	#0	16QAM	NV	20	-15.2 2	-0.00 8	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	-30	-2.35	-0.00 1	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	-20	-3.20	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	0	-4.76	-0.00 3	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	10	-4.22	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	QPSK	NV	20	-5.38	-0.00 3	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	-30	-5.04	-0.00 3	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	-20	-4.65	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	0	-3.15	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	10	-3.89	-0.00 2	-2.5	2.5	PASS
Band 2	5	18900	25	#0	16QAM	NV	20	-4.78	-0.00 3	-2.5	2.5	PASS

Band 2	5	19175	25	#0	QPSK	NV	-30	-6.01	-0.00 3	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	-20	-9.93	-0.00 5	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	0	-11.00	-0.00 6	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	10	-12.9 3	-0.00 7	-2.5	2.5	PASS
Band 2	5	19175	25	#0	QPSK	NV	20	-13.6 6	-0.00 7	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	-30	-14.0 2	-0.00 7	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	-20	-12.8 3	-0.00 7	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	0	-11.92	-0.00 6	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	10	-13.7 9	-0.00 7	-2.5	2.5	PASS
Band 2	5	19175	25	#0	16QAM	NV	20	-13.3 8	-0.00 7	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	-30	-18.0 8	-0.01 0	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	-20	-23.3 2	-0.01 3	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	0	-27.0 5	-0.01 5	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	10	-29.2 8	-0.01 6	-2.5	2.5	PASS
Band 2	10	18650	50	#0	QPSK	NV	20	-30.9 8	-0.01 7	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	-30	-30.9 8	-0.01 7	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	-20	-30.9 6	-0.01 7	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	0	-30.3 3	-0.01 6	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	10	-31.0 6	-0.01 7	-2.5	2.5	PASS
Band 2	10	18650	50	#0	16QAM	NV	20	-31.3 3	-0.01 7	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	-30	-19.5 0	-0.01 0	-2.5	2.5	PASS
Band	10	18900	50	#0	QPSK	NV	-20	-22.3	-0.01	-2.5	2.5	PASS

2								6	2			
Band 2	10	18900	50	#0	QPSK	NV	0	-24.6 2	-0.01 3	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	10	-25.8 9	-0.01 4	-2.5	2.5	PASS
Band 2	10	18900	50	#0	QPSK	NV	20	-27.5 2	-0.01 5	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	-30	-28.3 2	-0.01 5	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	-20	-28.7 4	-0.01 5	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	0	-29.2 1	-0.01 6	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	10	-29.6 4	-0.01 6	-2.5	2.5	PASS
Band 2	10	18900	50	#0	16QAM	NV	20	-31.4 6	-0.01 7	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	-30	-19.7 1	-0.01 0	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	-20	-24.6 8	-0.01 3	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	0	-28.1 4	-0.01 5	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	10	-30.6 8	-0.01 6	-2.5	2.5	PASS
Band 2	10	19150	50	#0	QPSK	NV	20	-32.9 7	-0.01 7	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	-30	-34.9 3	-0.01 8	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	-20	-34.3 3	-0.01 8	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	0	-35.9 8	-0.01 9	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	10	-37.6 7	-0.02 0	-2.5	2.5	PASS
Band 2	10	19150	50	#0	16QAM	NV	20	-39.3 2	-0.02 1	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	-30	-8.10	-0.00 4	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	-20	-15.11	-0.00 8	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	0	-18.9 0	-0.01 0	-2.5	2.5	PASS

Band 2	15	18675	75	#0	QPSK	NV	10	-20.7 3	-0.011	-2.5	2.5	PASS
Band 2	15	18675	75	#0	QPSK	NV	20	-23.0 7	-0.01 2	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	-30	-24.7 3	-0.01 3	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	-20	-24.6 5	-0.01 3	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	0	-24.2 2	-0.01 3	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	10	-26.2 8	-0.01 4	-2.5	2.5	PASS
Band 2	15	18675	75	#0	16QAM	NV	20	-27.1 2	-0.01 5	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	-30	-0.99	-0.00 1	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	-20	-4.33	-0.00 2	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	0	-7.24	-0.00 4	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	10	-10.2 1	-0.00 5	-2.5	2.5	PASS
Band 2	15	18900	75	#0	QPSK	NV	20	-12.8 0	-0.00 7	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	-30	-15.0 5	-0.00 8	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	-20	-16.0 5	-0.00 9	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	0	-17.2 2	-0.00 9	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	10	-18.3 0	-0.01 0	-2.5	2.5	PASS
Band 2	15	18900	75	#0	16QAM	NV	20	-19.4 0	-0.01 0	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	-30	-7.78	-0.00 4	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	-20	-12.6 2	-0.00 7	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	0	-17.0 2	-0.00 9	-2.5	2.5	PASS
Band 2	15	19125	75	#0	QPSK	NV	10	-19.8 4	-0.01 0	-2.5	2.5	PASS
Band	15	19125	75	#0	QPSK	NV	20	-22.4	-0.01	-2.5	2.5	PASS

2								7	2			
Band 2	15	19125	75	#0	16QAM	NV	-30	-24.85	-0.013	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	-20	-25.76	-0.014	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	0	-27.12	-0.014	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	10	-29.00	-0.015	-2.5	2.5	PASS
Band 2	15	19125	75	#0	16QAM	NV	20	-30.10	-0.016	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	-30	5.87	0.003	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	-20	1.17	0.001	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	0	-2.86	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	10	-4.28	-0.002	-2.5	2.5	PASS
Band 2	20	18700	100	#0	QPSK	NV	20	-6.21	-0.003	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	-30	-6.97	-0.004	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	-20	-6.39	-0.003	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	0	-6.68	-0.004	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	10	-8.01	-0.004	-2.5	2.5	PASS
Band 2	20	18700	100	#0	16QAM	NV	20	-8.77	-0.005	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	-30	-5.68	-0.003	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	-20	-10.31	-0.005	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	0	-13.63	-0.007	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	10	-16.02	-0.009	-2.5	2.5	PASS
Band 2	20	18900	100	#0	QPSK	NV	20	-17.52	-0.009	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	-30	-18.85	-0.010	-2.5	2.5	PASS

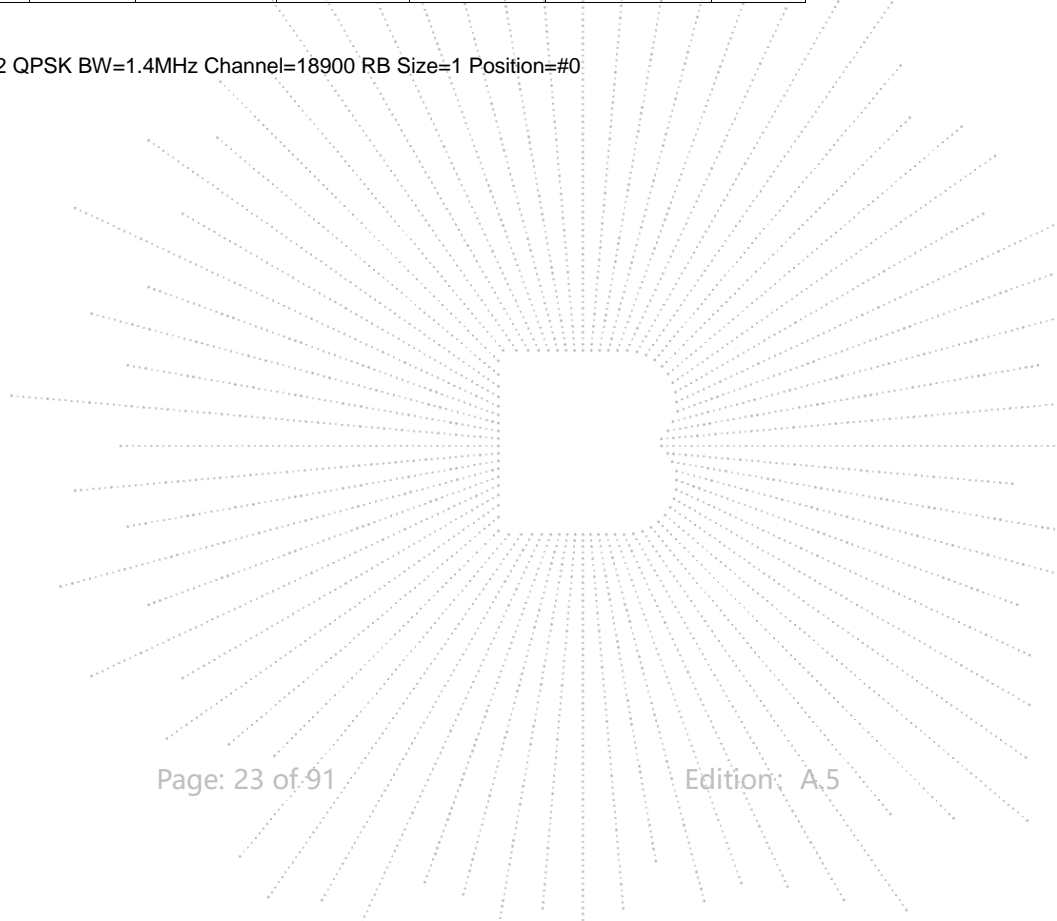
Band 2	20	18900	100	#0	16QAM	NV	-20	-18.75	-0.010	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	0	-19.34	-0.010	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	10	-20.17	-0.011	-2.5	2.5	PASS
Band 2	20	18900	100	#0	16QAM	NV	20	-21.64	-0.012	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	-30	-18.21	-0.010	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	-20	-22.93	-0.012	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	0	-27.11	-0.014	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	10	-27.98	-0.015	-2.5	2.5	PASS
Band 2	20	19100	100	#0	QPSK	NV	20	-29.13	-0.015	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	-30	-30.98	-0.016	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	-20	-31.40	-0.017	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	0	-31.41	-0.017	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	10	-32.76	-0.017	-2.5	2.5	PASS
Band 2	20	19100	100	#0	16QAM	NV	20	-32.87	-0.017	-2.5	2.5	PASS

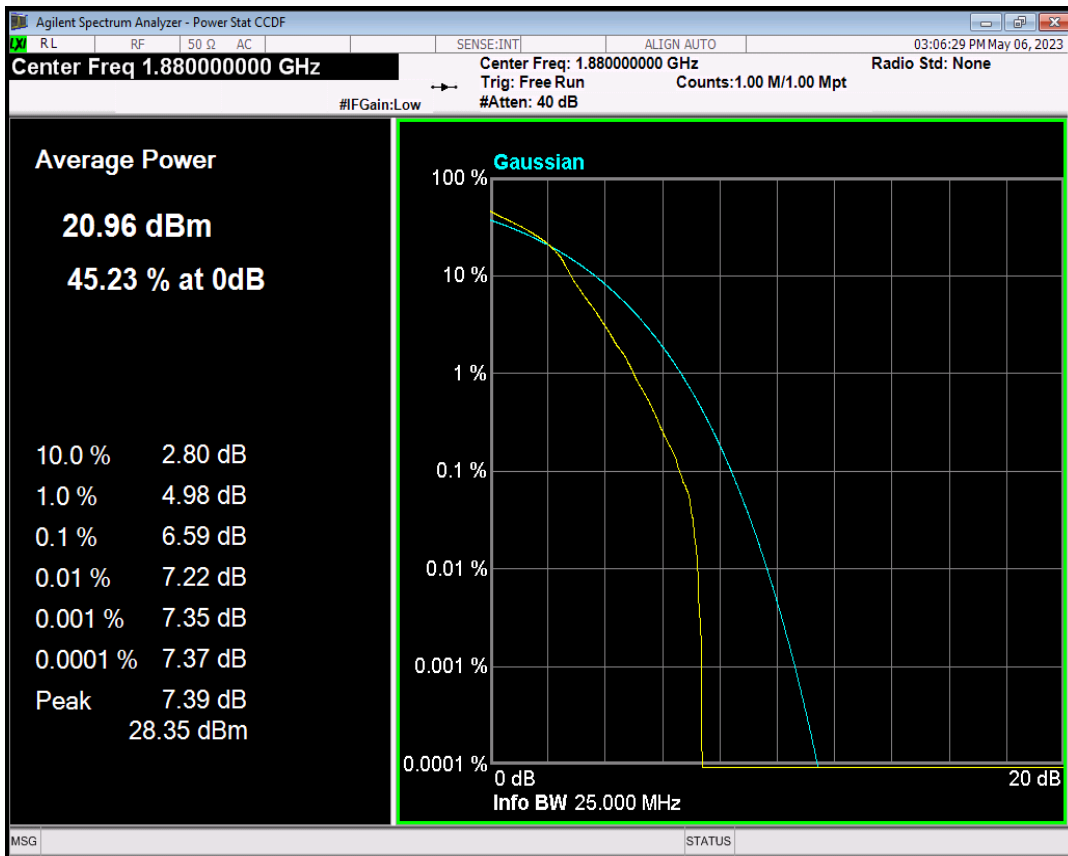
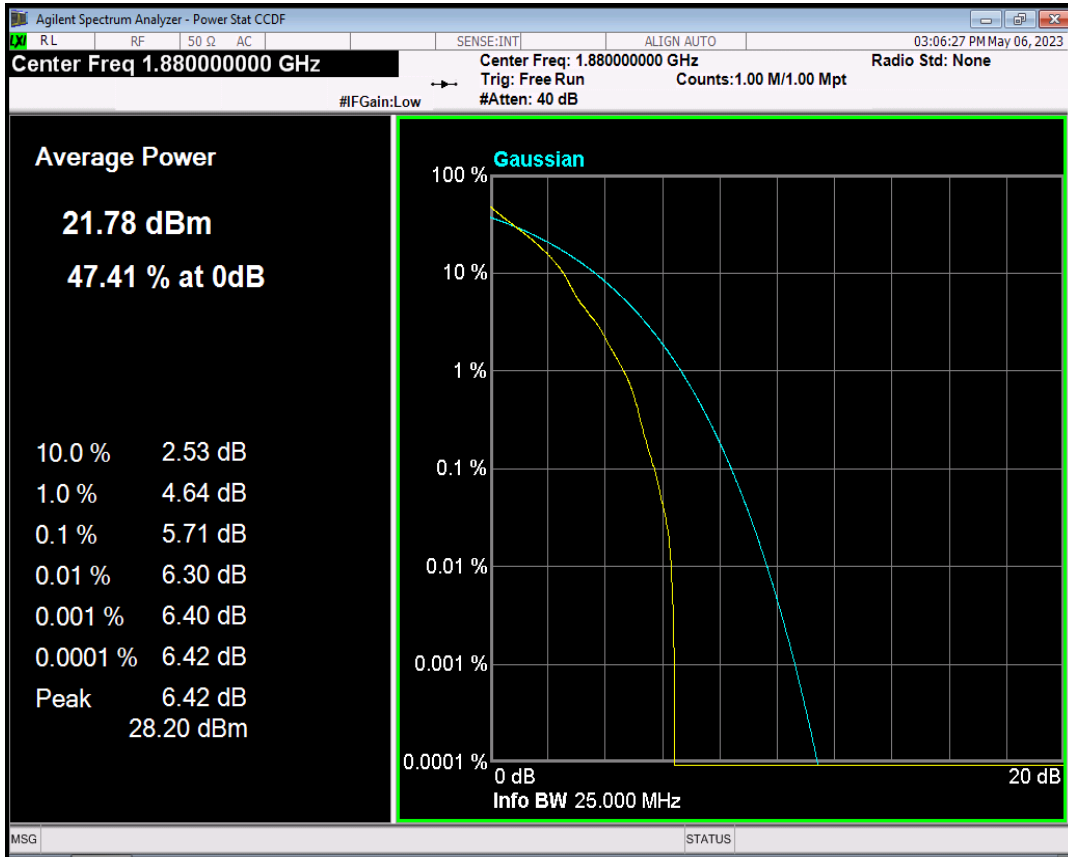
Appendix 3. Peak-to-Average Ratio

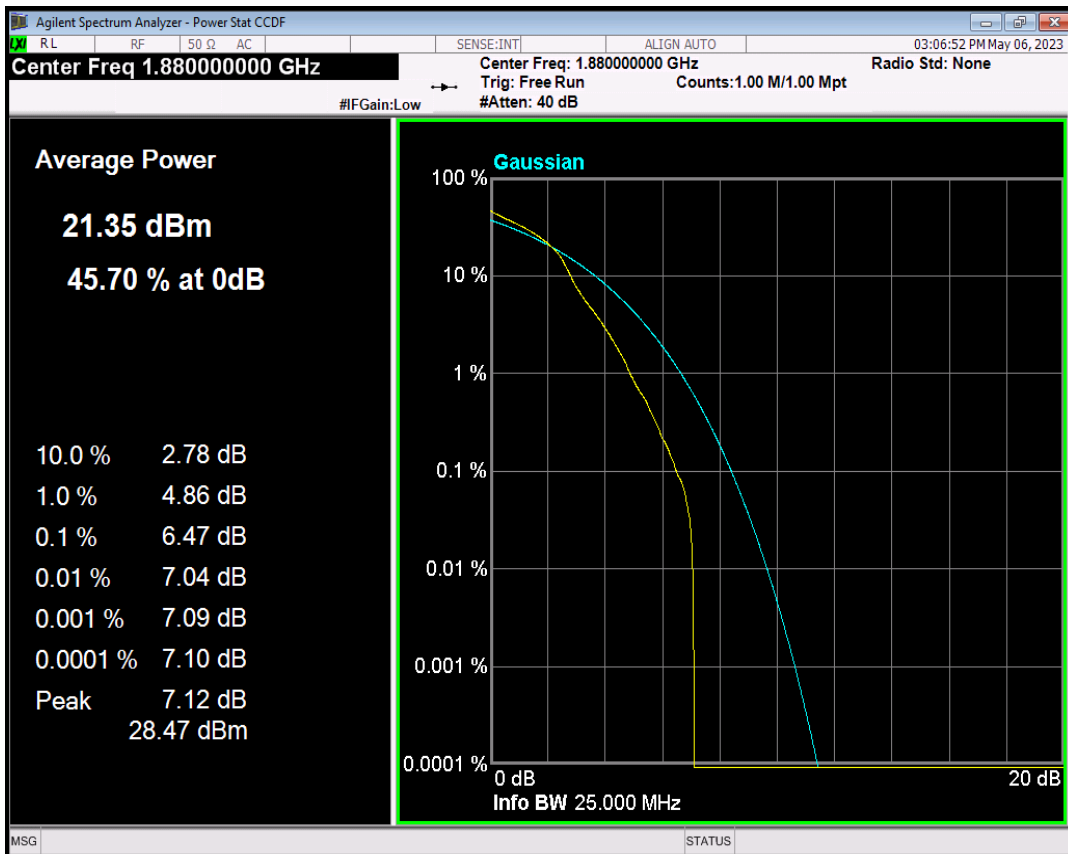
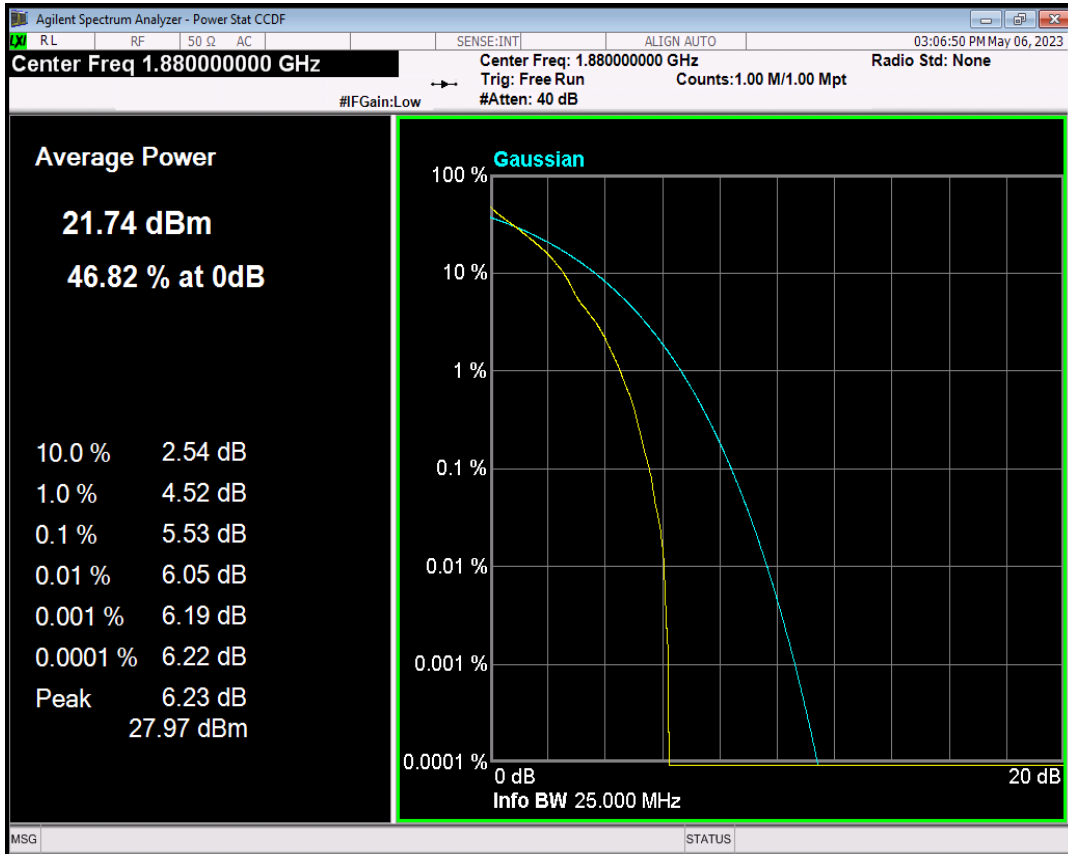
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	5.28	13	PASS
Band2	1.4	18607	1	#0	16QAM	6.00	13	PASS
Band2	1.4	18900	1	#0	QPSK	5.71	13	PASS
Band2	1.4	18900	1	#0	16QAM	6.59	13	PASS
Band2	1.4	19193	1	#0	QPSK	4.39	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.38	13	PASS
Band2	3	18615	1	#0	QPSK	5.21	13	PASS
Band2	3	18615	1	#0	16QAM	6.06	13	PASS
Band2	3	18900	1	#0	QPSK	5.53	13	PASS
Band2	3	18900	1	#0	16QAM	6.47	13	PASS

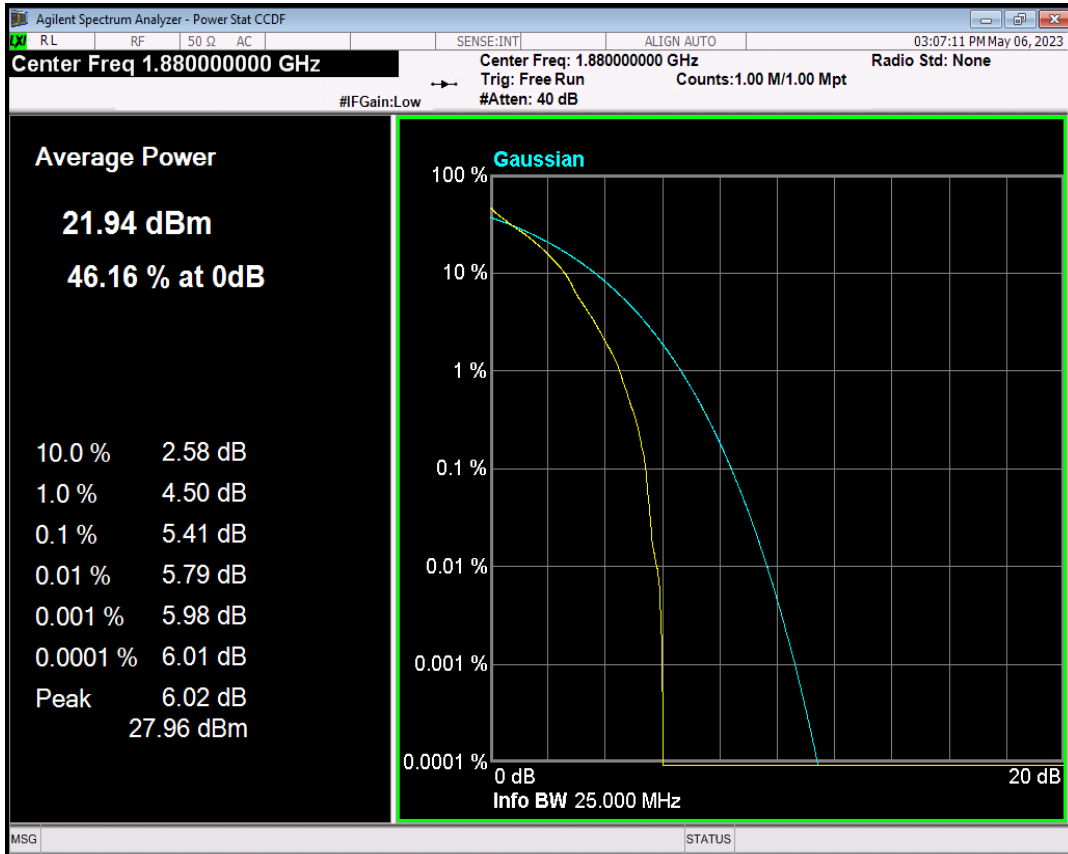
Band2	3	19185	1	#0	QPSK	5.11	13	PASS
Band2	3	19185	1	#0	16QAM	5.71	13	PASS
Band2	5	18625	1	#0	QPSK	5.26	13	PASS
Band2	5	18625	1	#0	16QAM	5.73	13	PASS
Band2	5	18900	1	#0	QPSK	5.41	13	PASS
Band2	5	18900	1	#0	16QAM	5.99	13	PASS
Band2	5	19175	1	#0	QPSK	5.43	13	PASS
Band2	5	19175	1	#0	16QAM	6.07	13	PASS
Band2	10	18650	1	#0	QPSK	5.00	13	PASS
Band2	10	18650	1	#0	16QAM	5.87	13	PASS
Band2	10	18900	1	#0	QPSK	5.44	13	PASS
Band2	10	18900	1	#0	16QAM	6.31	13	PASS
Band2	10	19150	1	#0	QPSK	4.87	13	PASS
Band2	10	19150	1	#0	16QAM	5.91	13	PASS
Band2	15	18675	1	#0	QPSK	4.96	13	PASS
Band2	15	18675	1	#0	16QAM	5.79	13	PASS
Band2	15	18900	1	#0	QPSK	5.33	13	PASS
Band2	15	18900	1	#0	16QAM	6.14	13	PASS
Band2	15	19125	1	#0	QPSK	4.77	13	PASS
Band2	15	19125	1	#0	16QAM	5.59	13	PASS
Band2	20	18700	1	#0	QPSK	4.80	13	PASS
Band2	20	18700	1	#0	16QAM	5.39	13	PASS
Band2	20	18900	1	#0	QPSK	4.90	13	PASS
Band2	20	18900	1	#0	16QAM	5.93	13	PASS
Band2	20	19100	1	#0	QPSK	4.66	13	PASS
Band2	20	19100	1	#0	16QAM	5.70	13	PASS

Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0

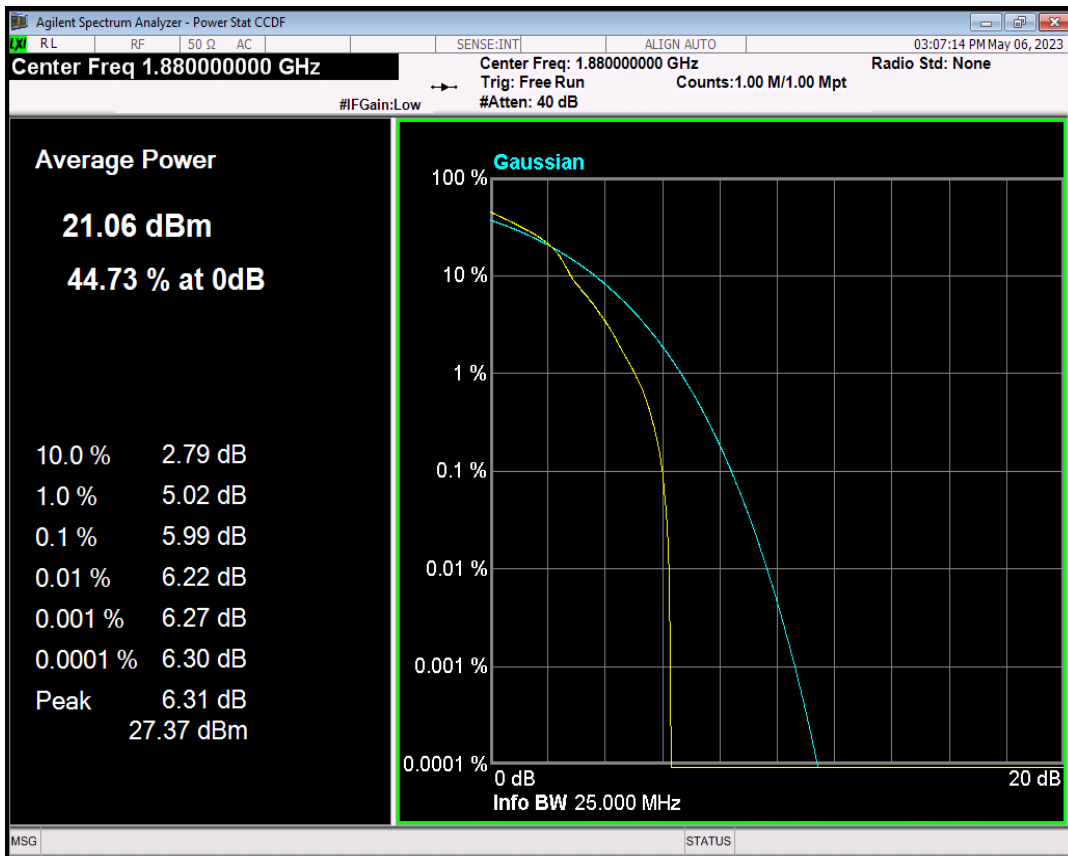




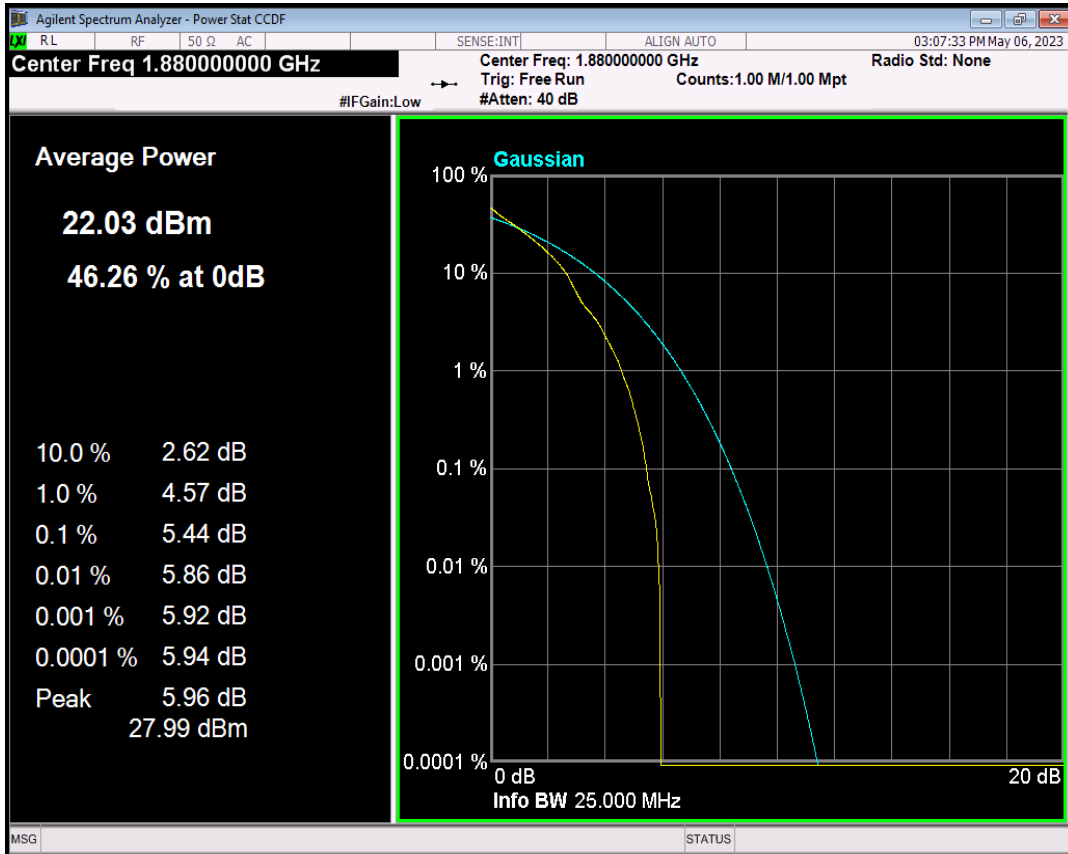




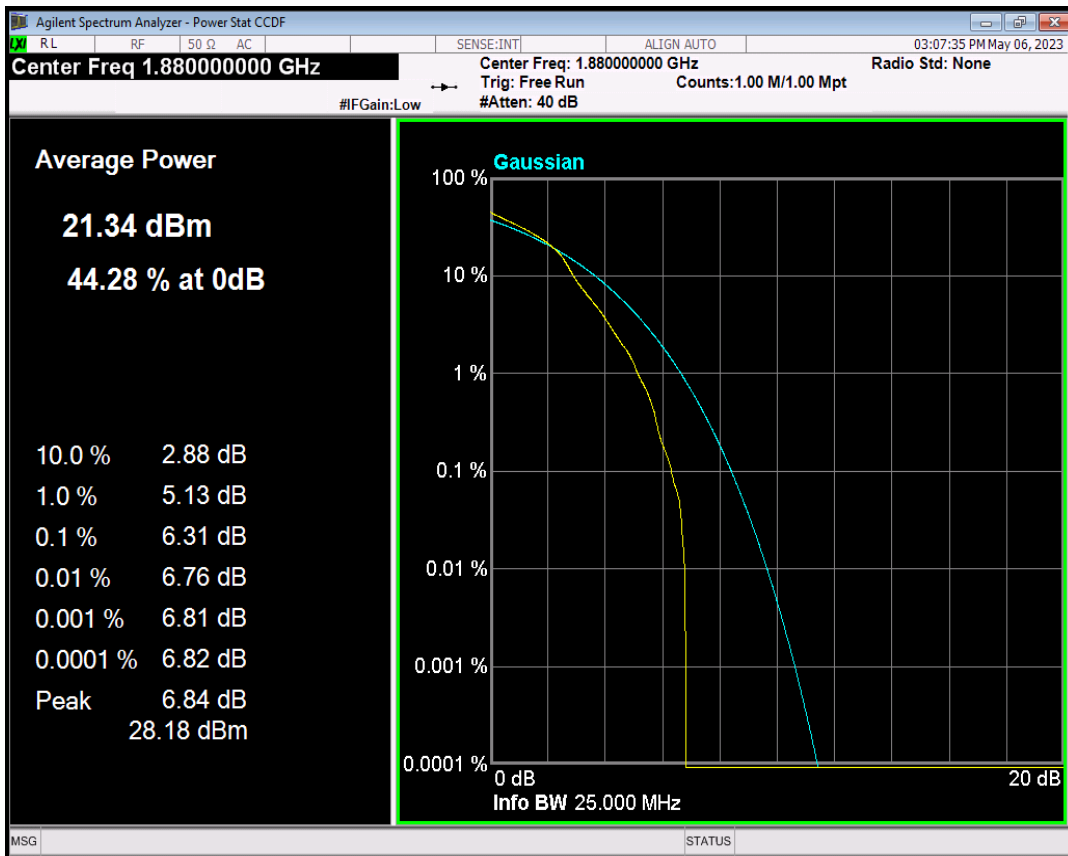
Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



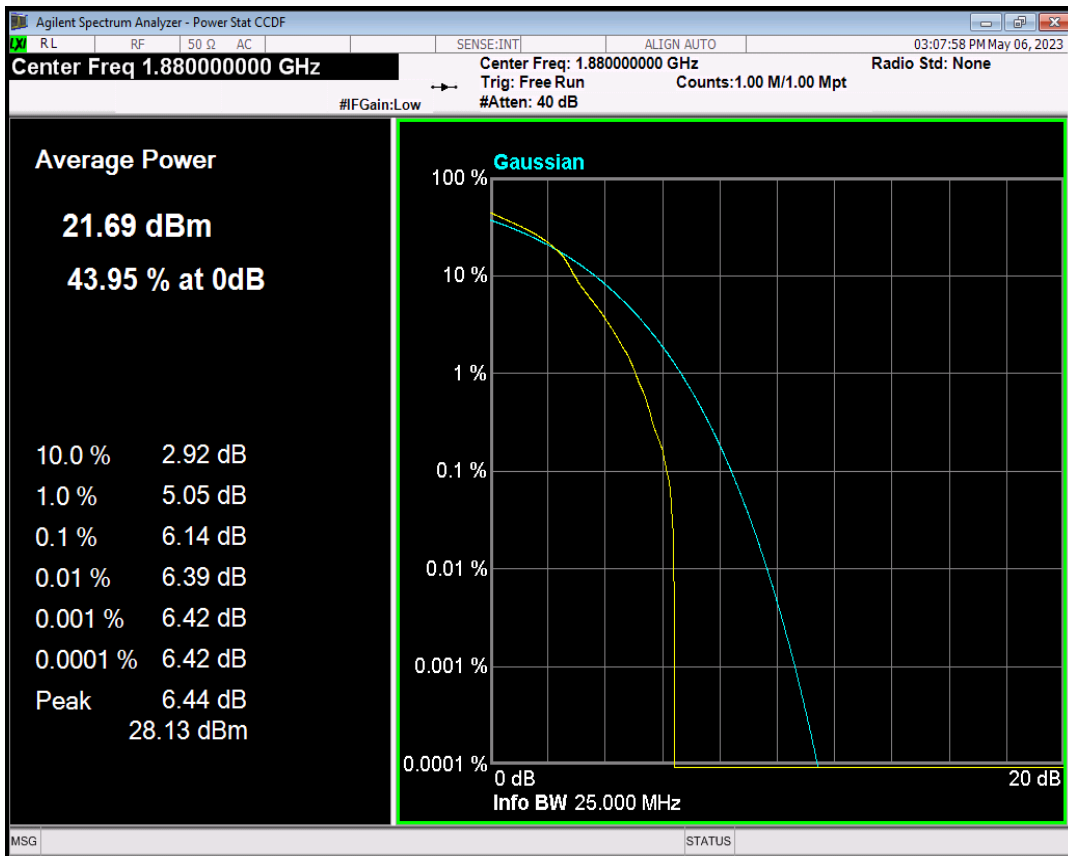
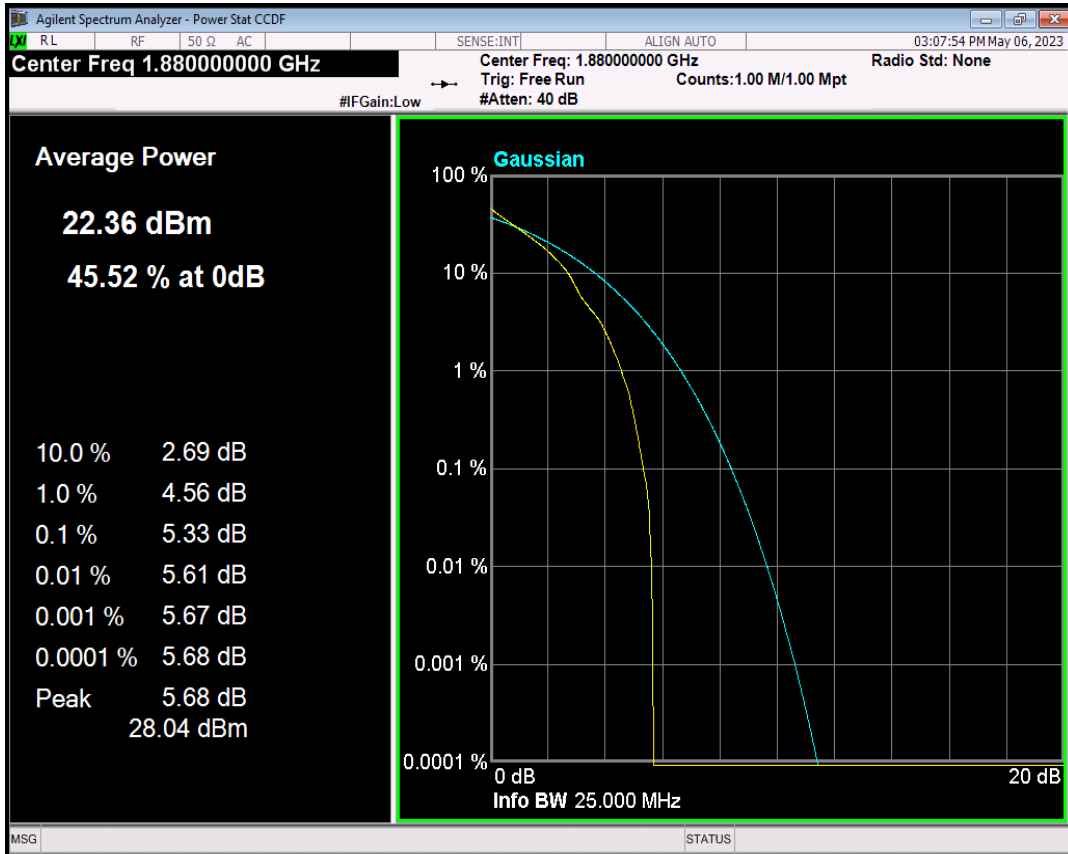
Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0

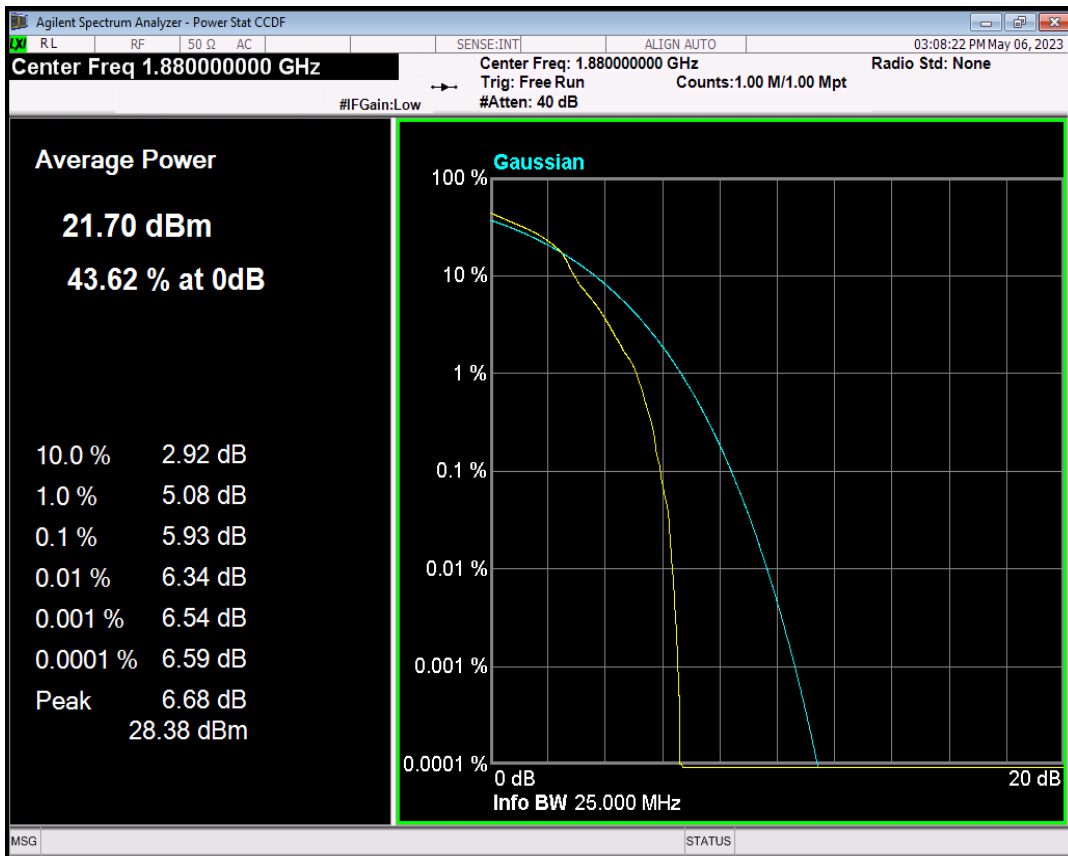
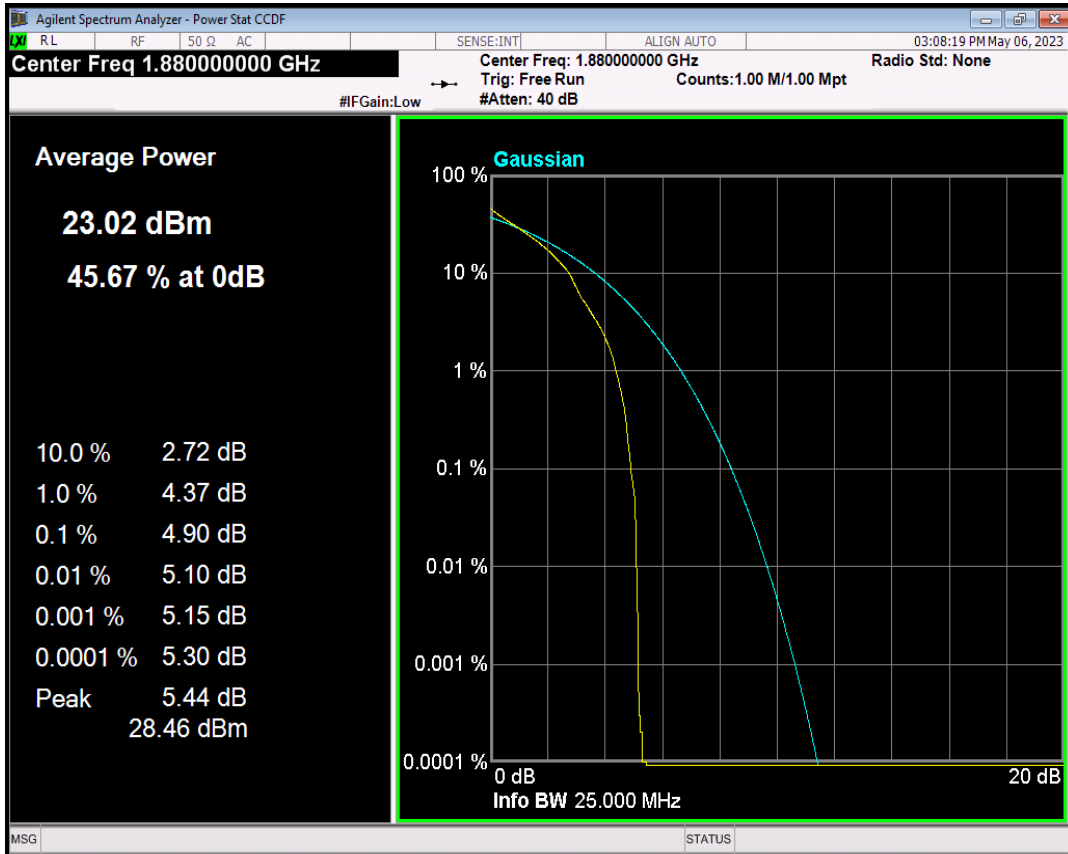


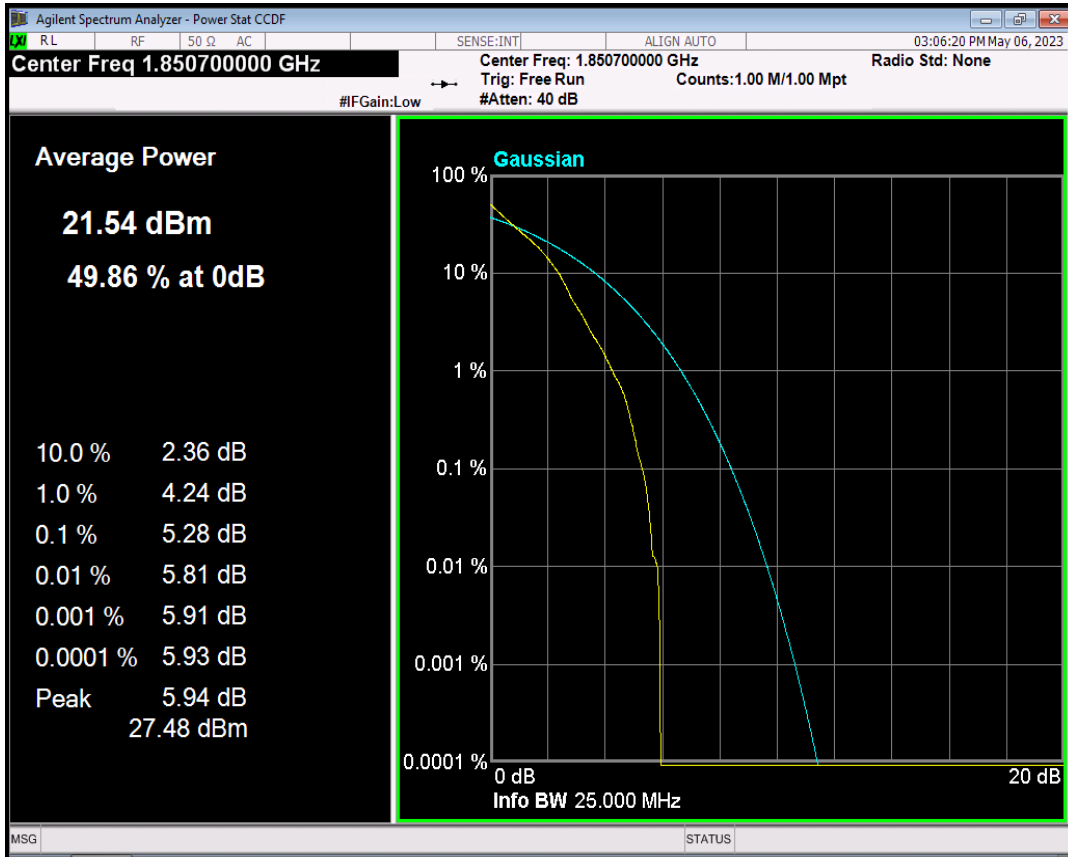
Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



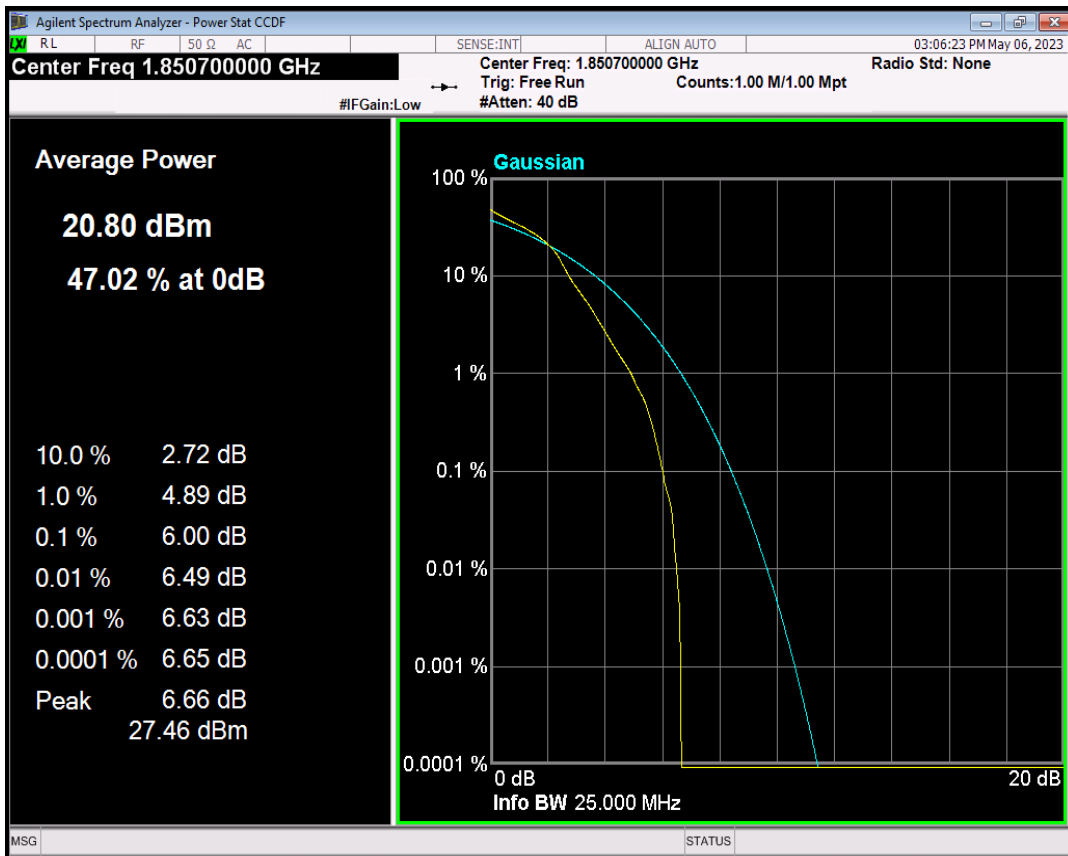
Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



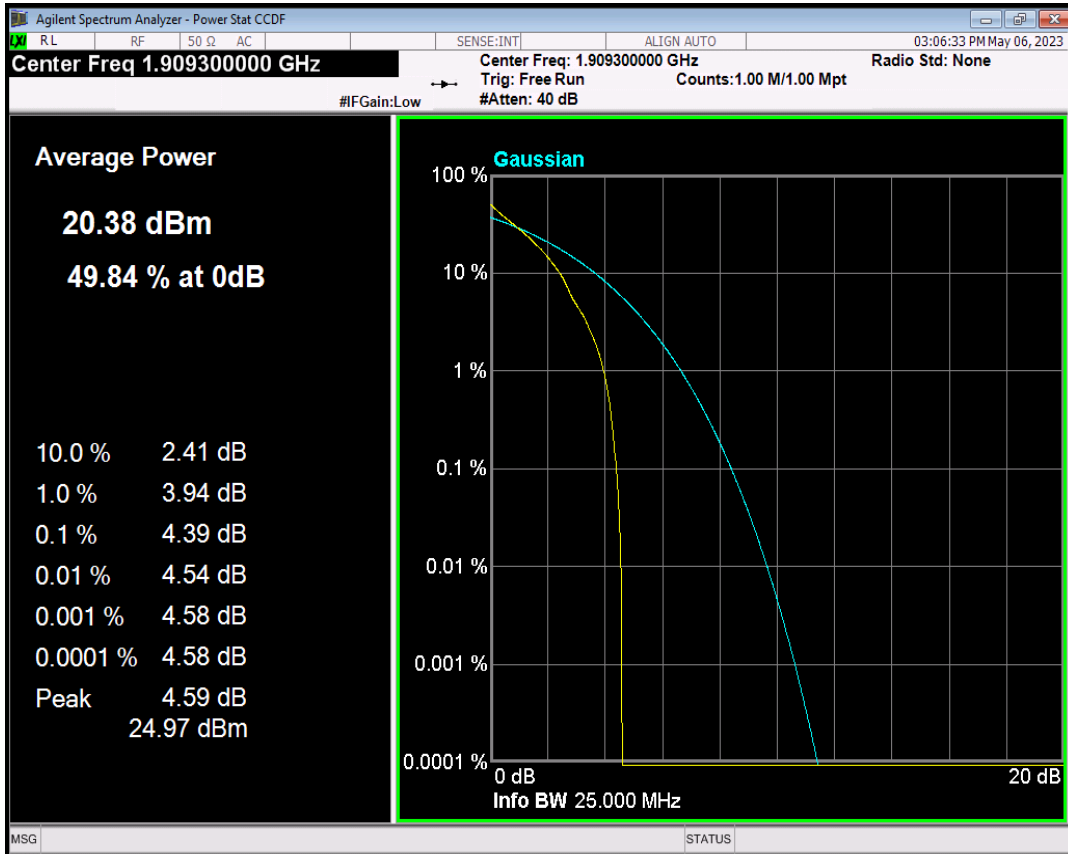




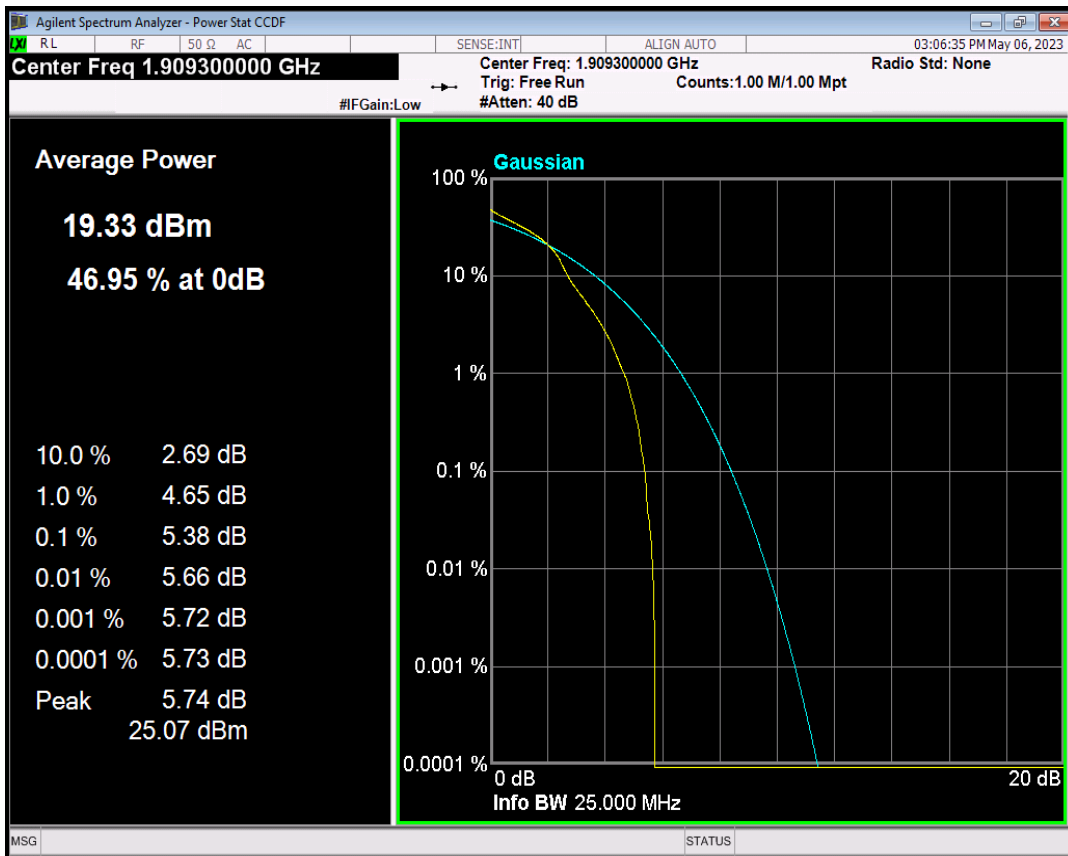
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



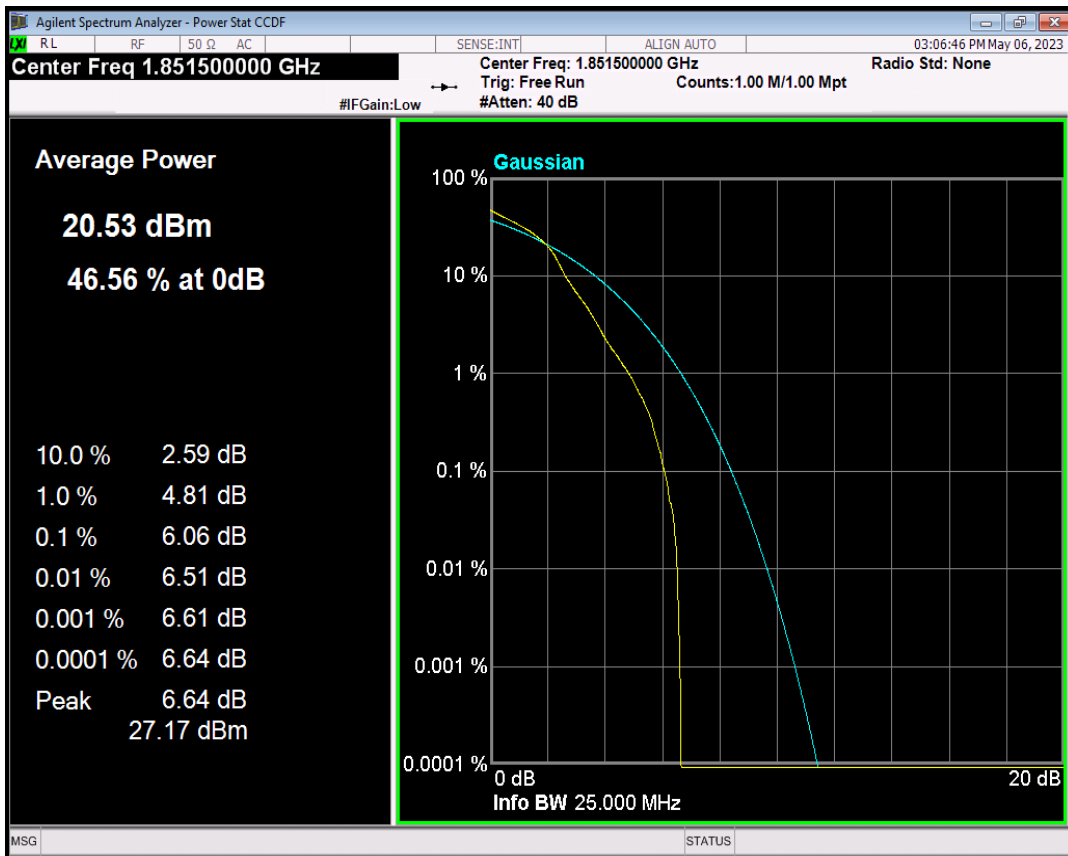
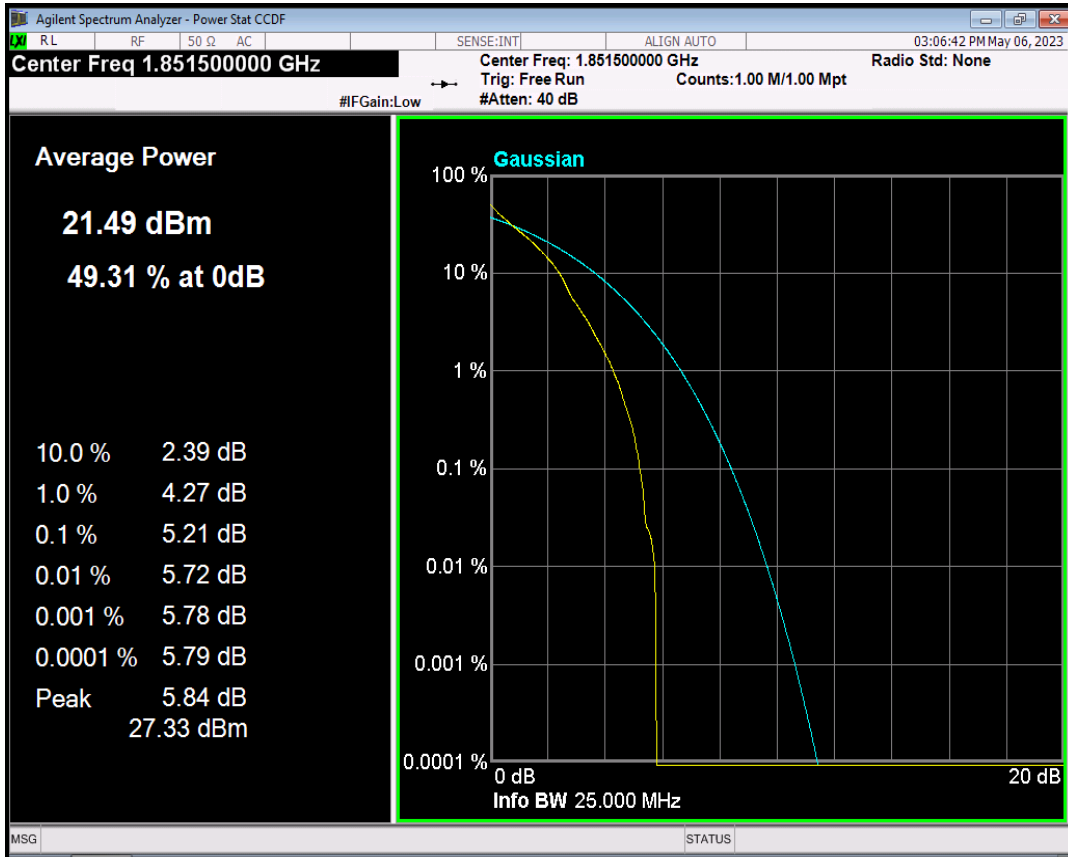
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0

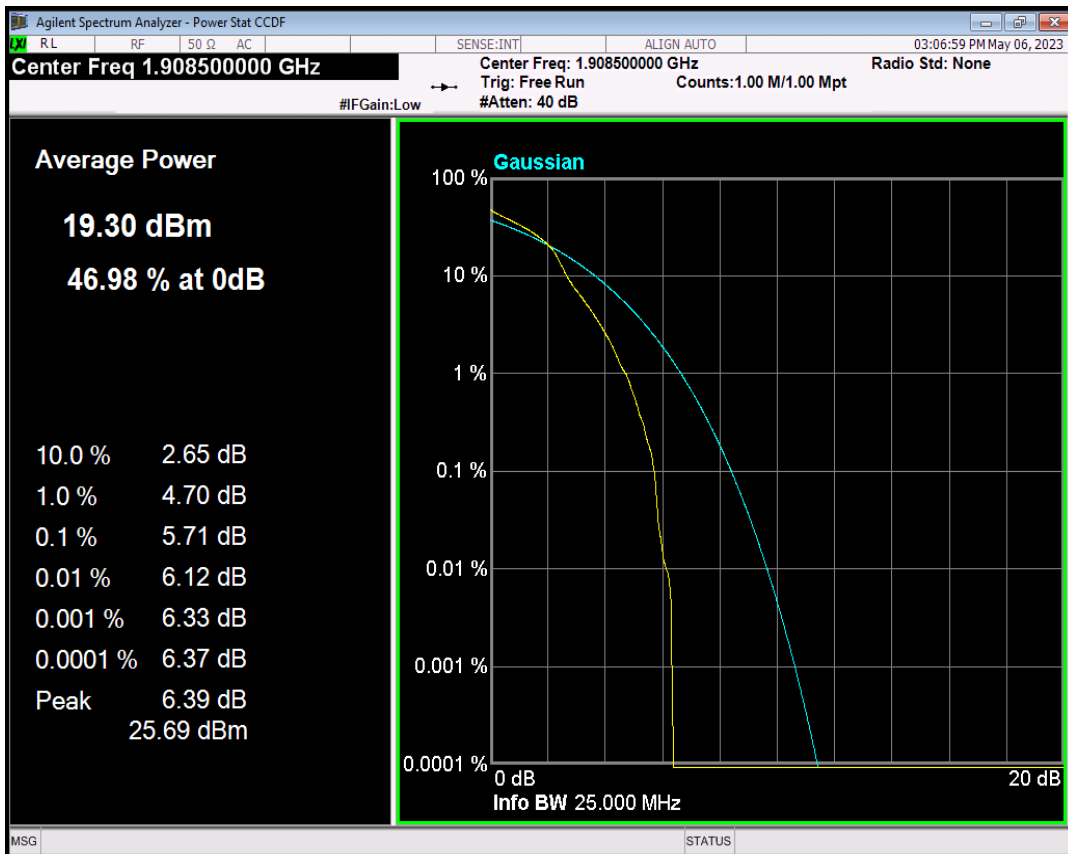
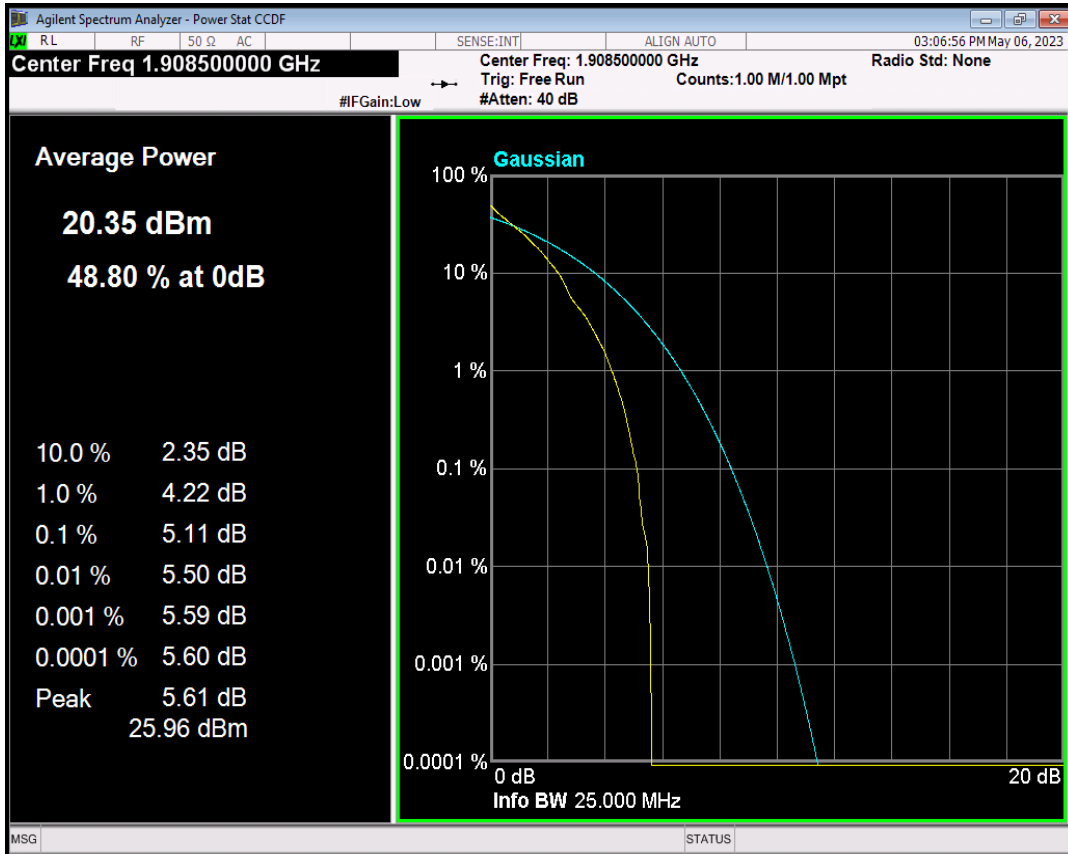


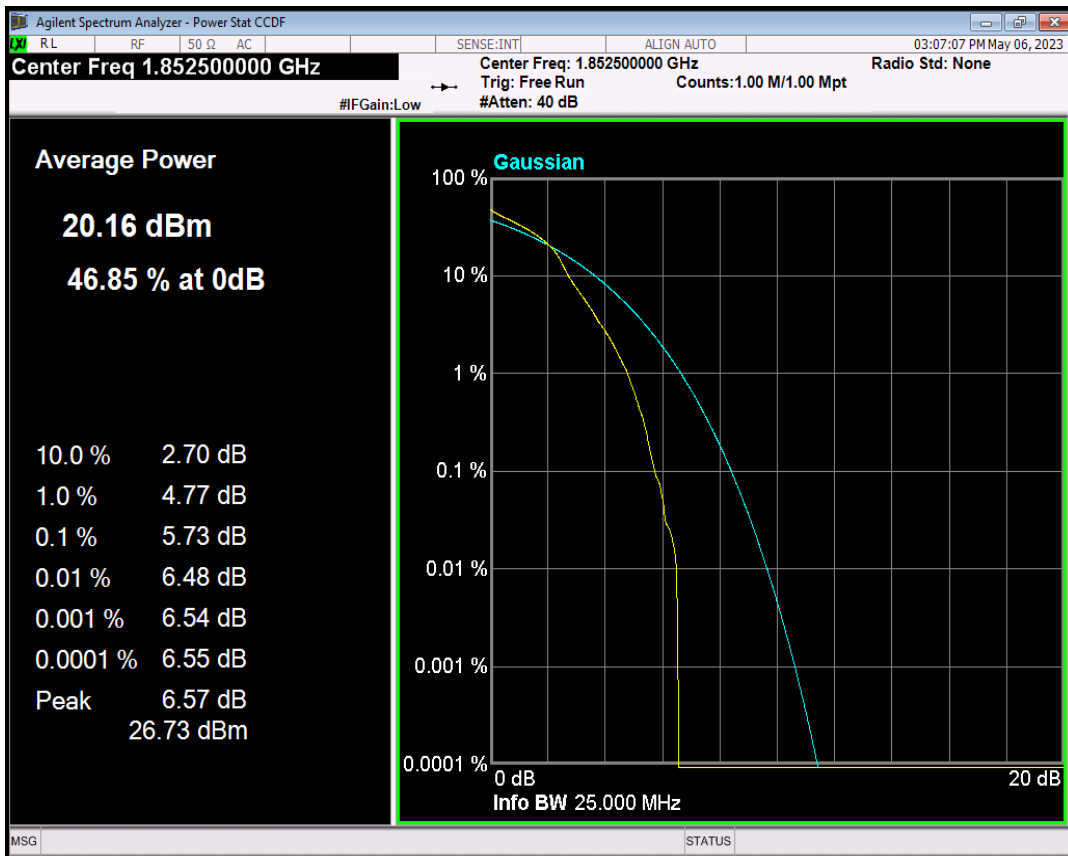
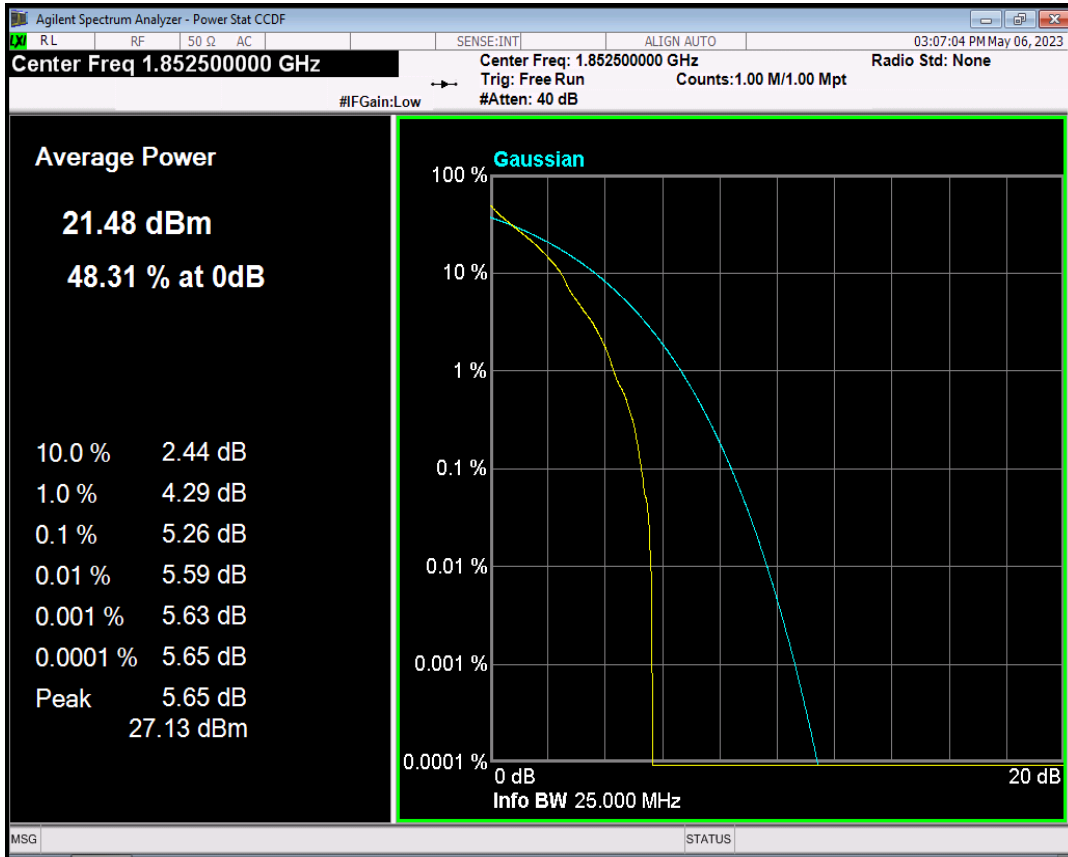
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0

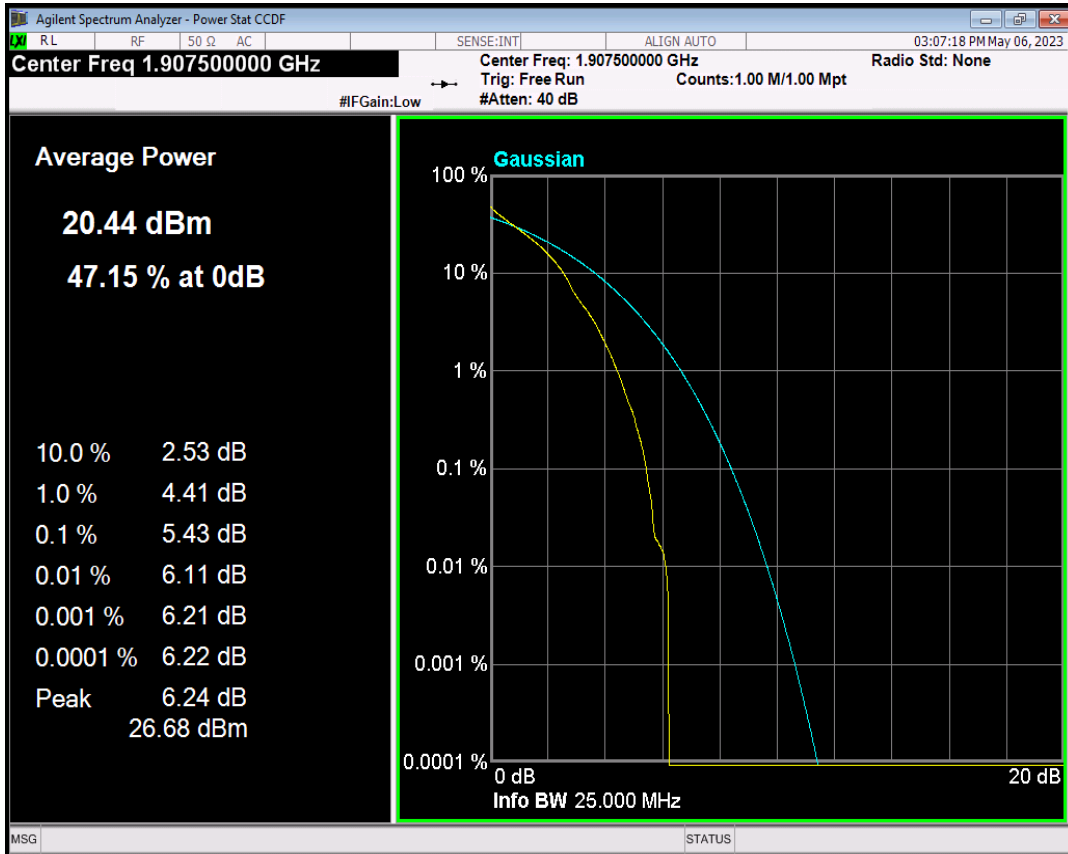


Band2 QPSK BW=3MHz Channel=18615 RB Size=1 Position=#0

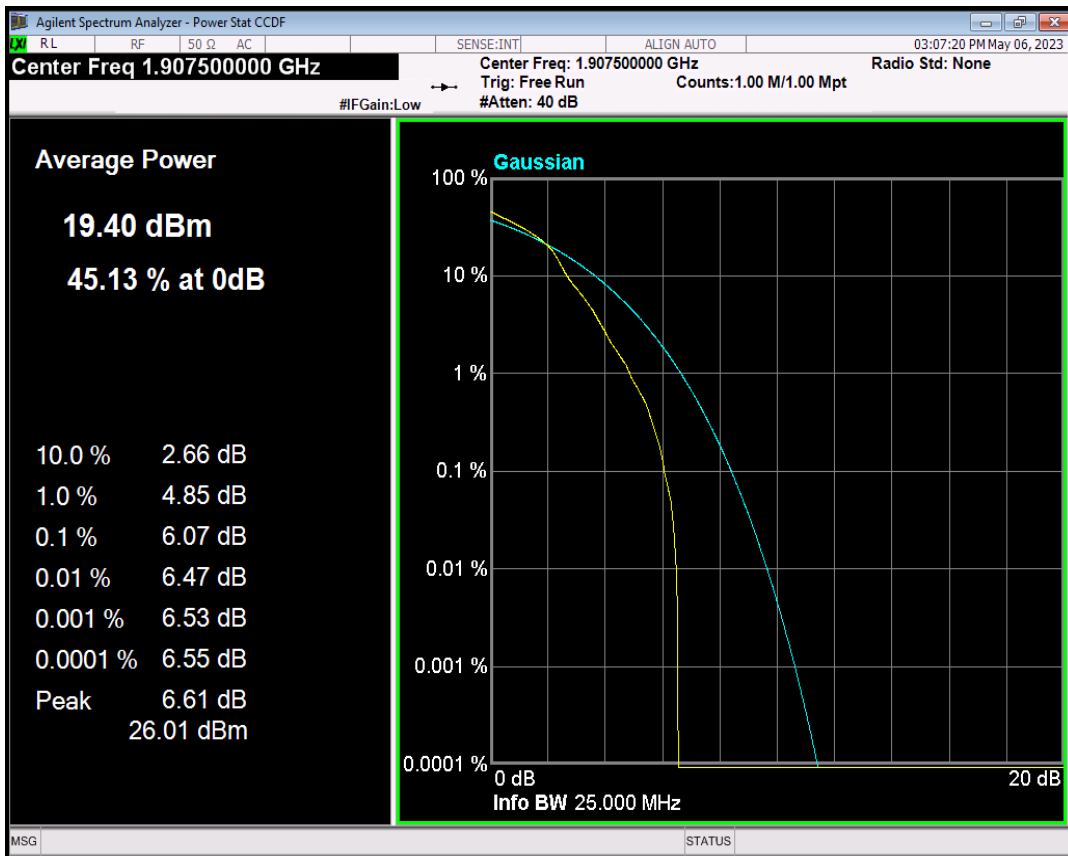




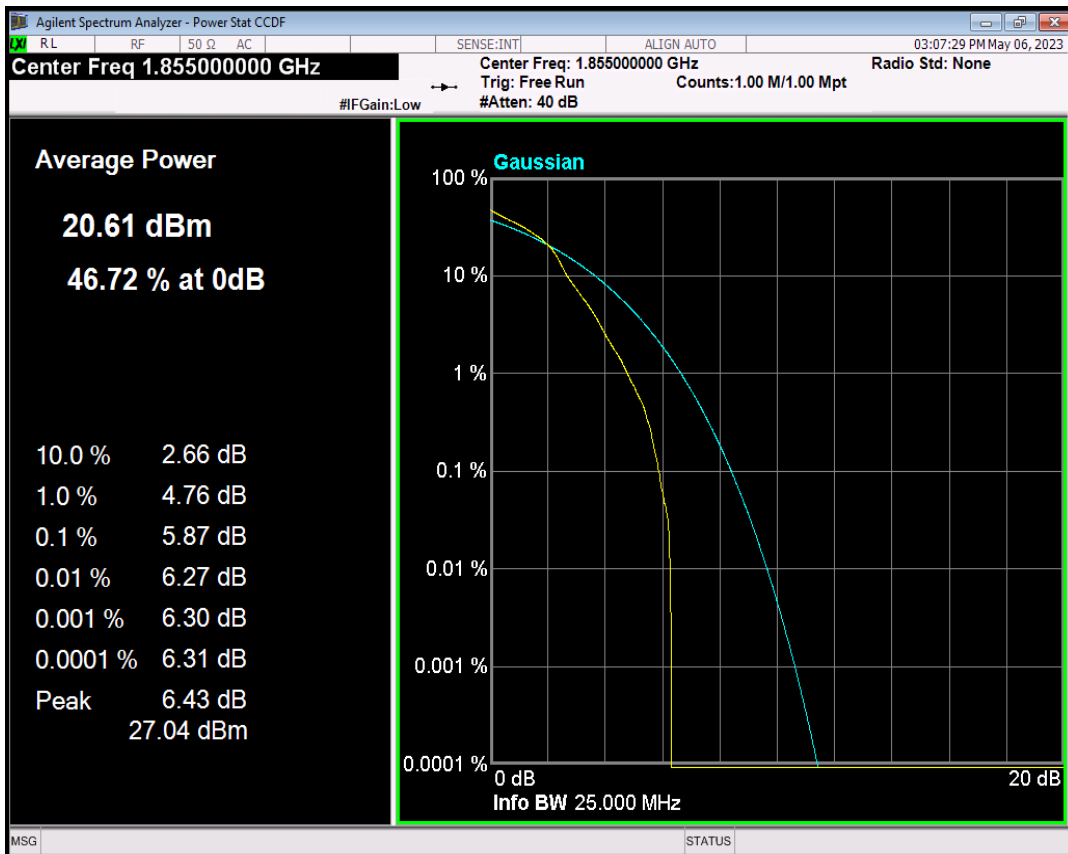
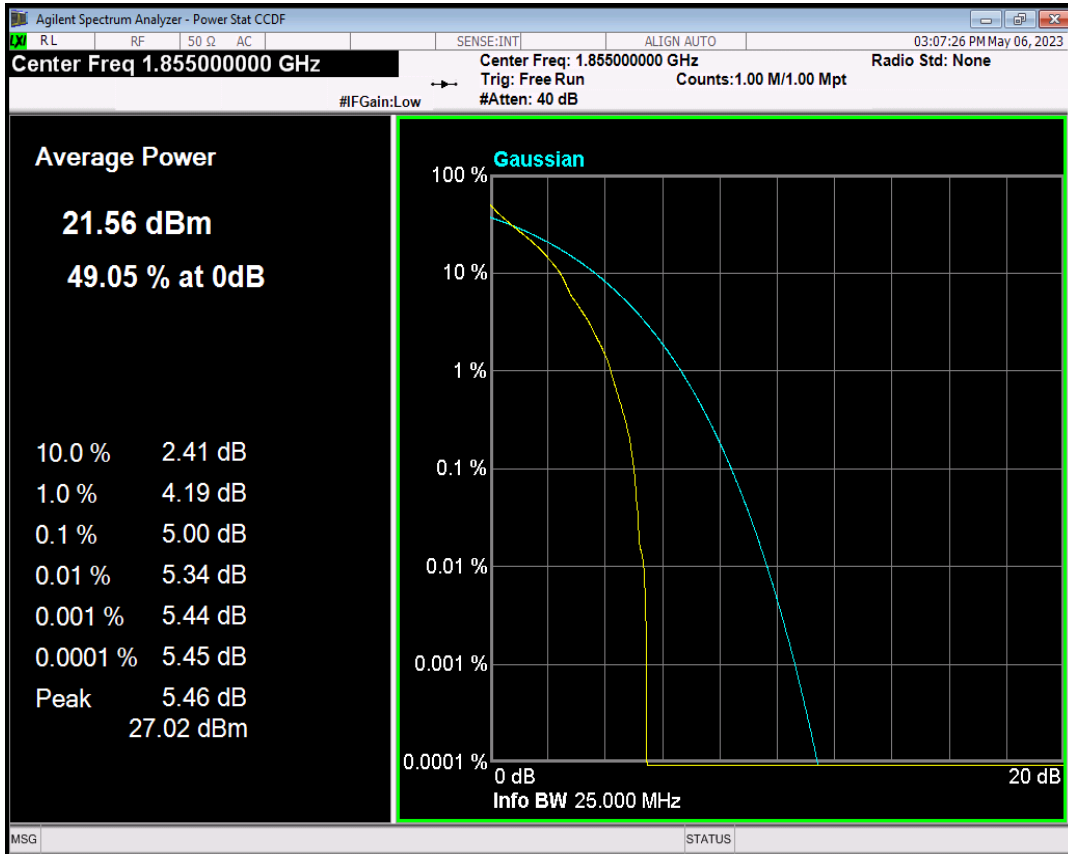


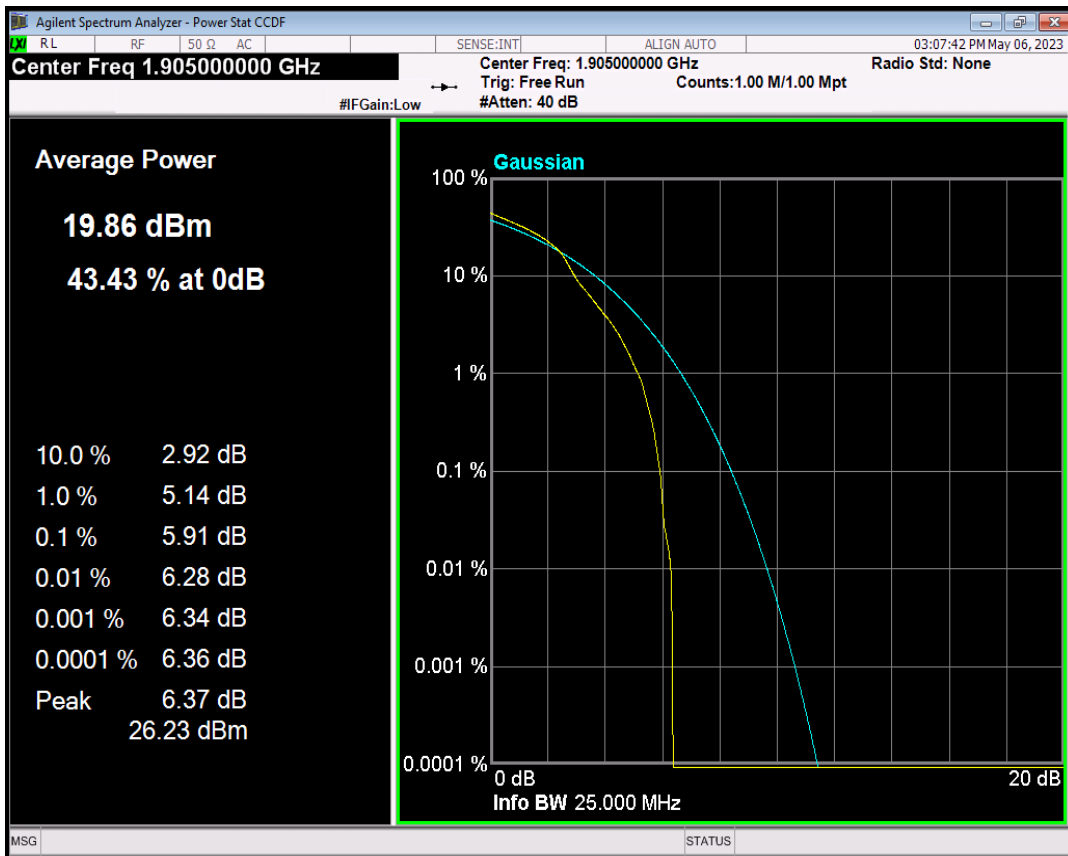
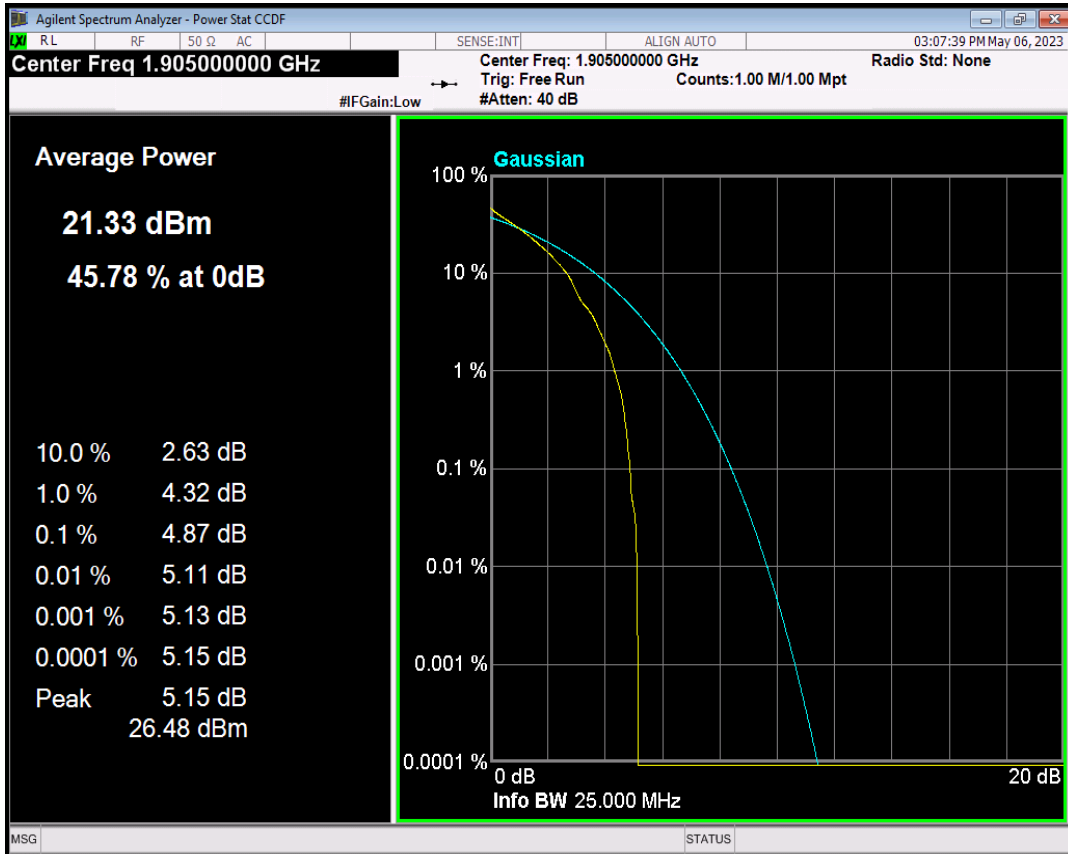


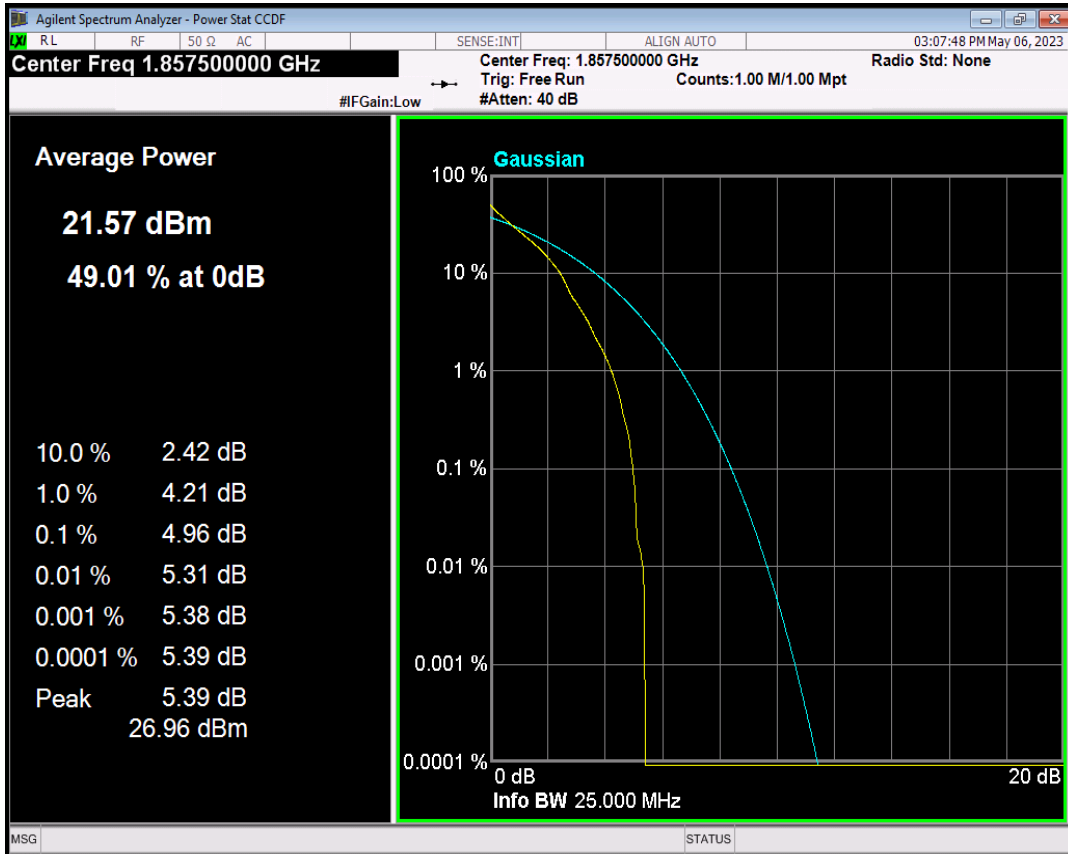
Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



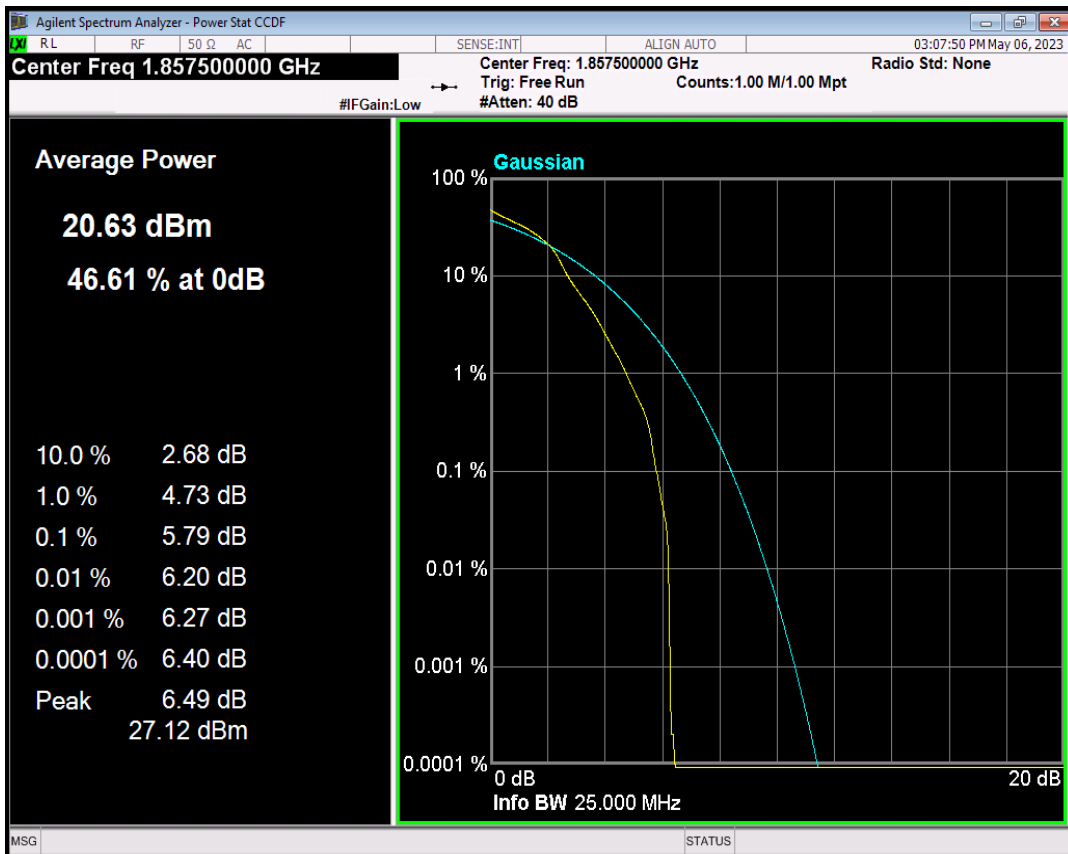
Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



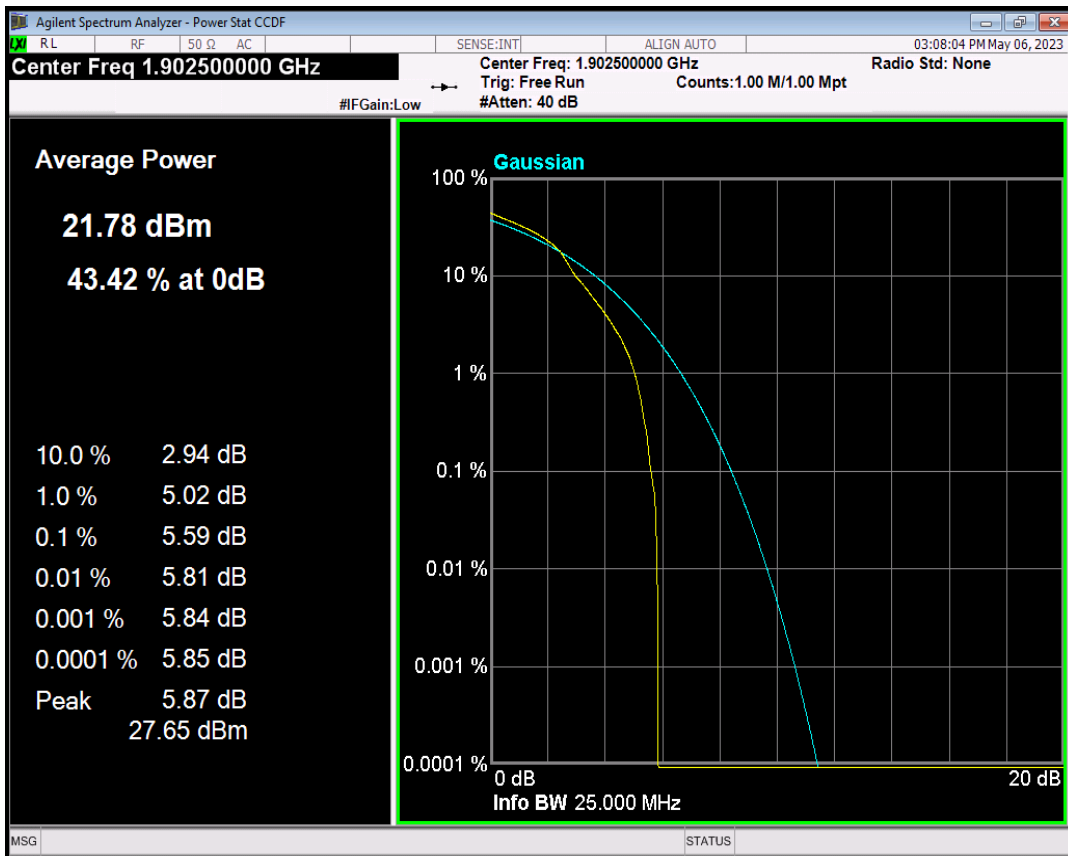
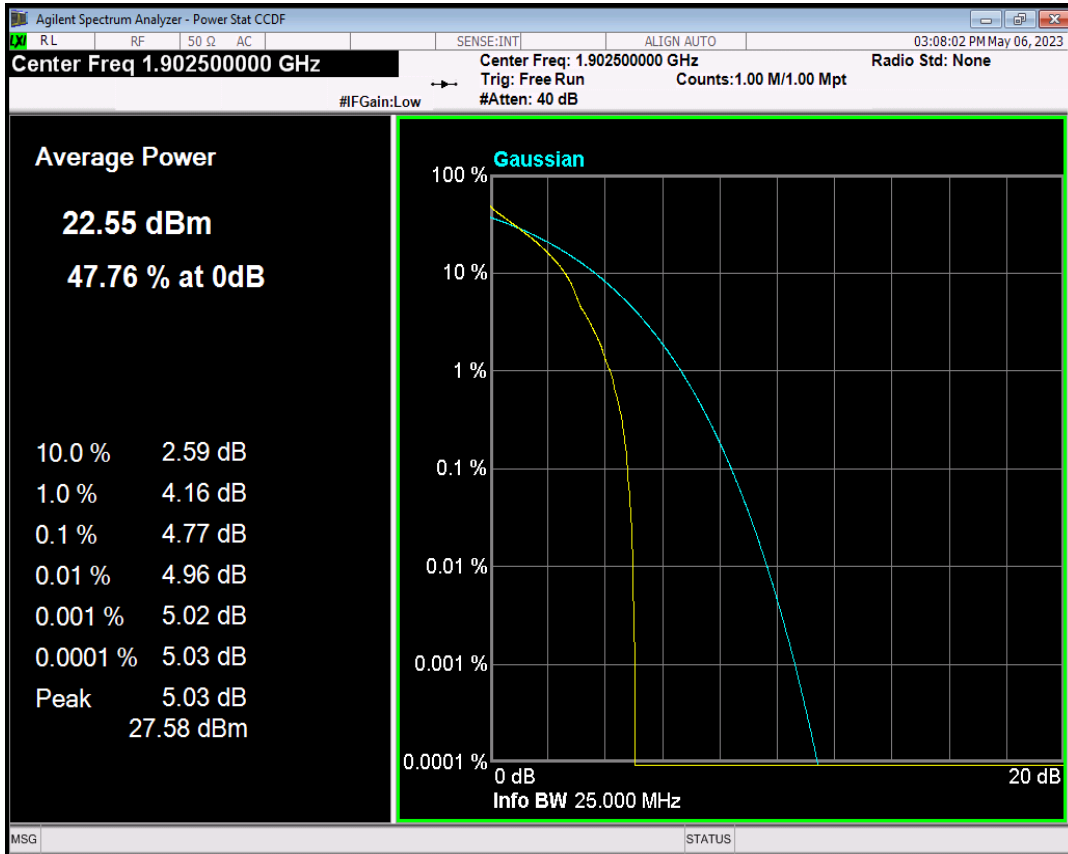


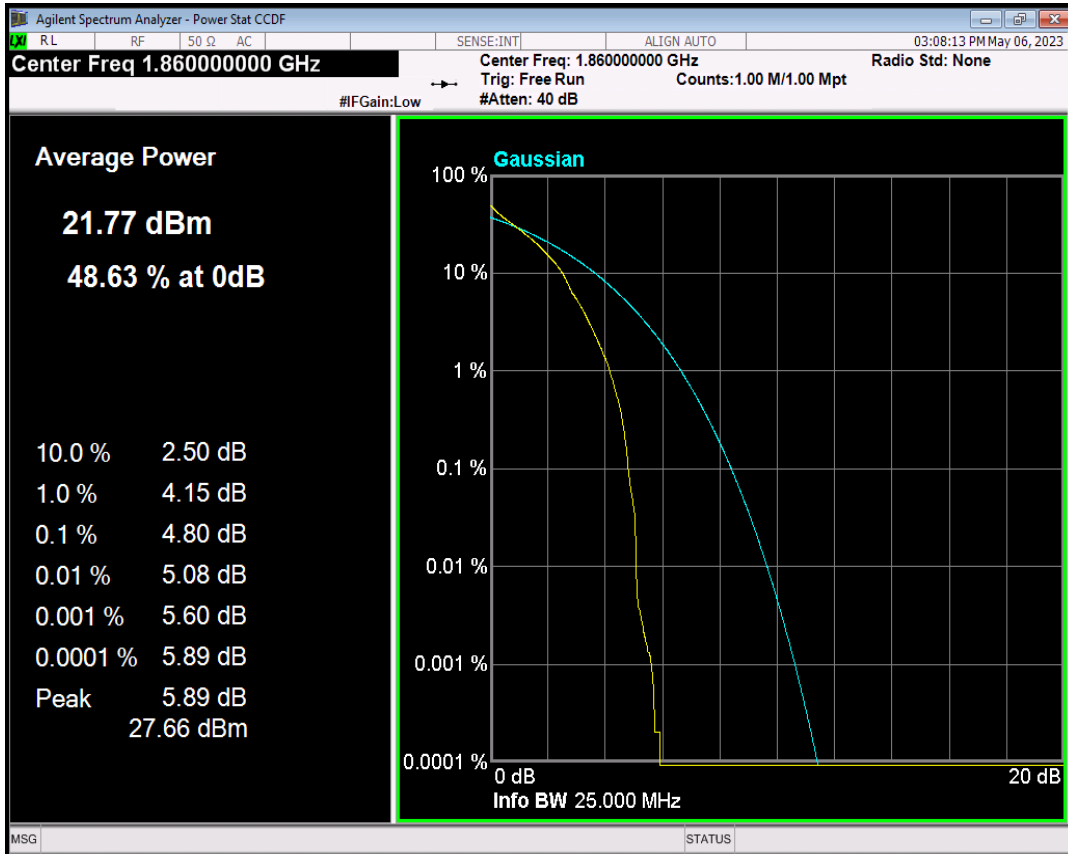


Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0

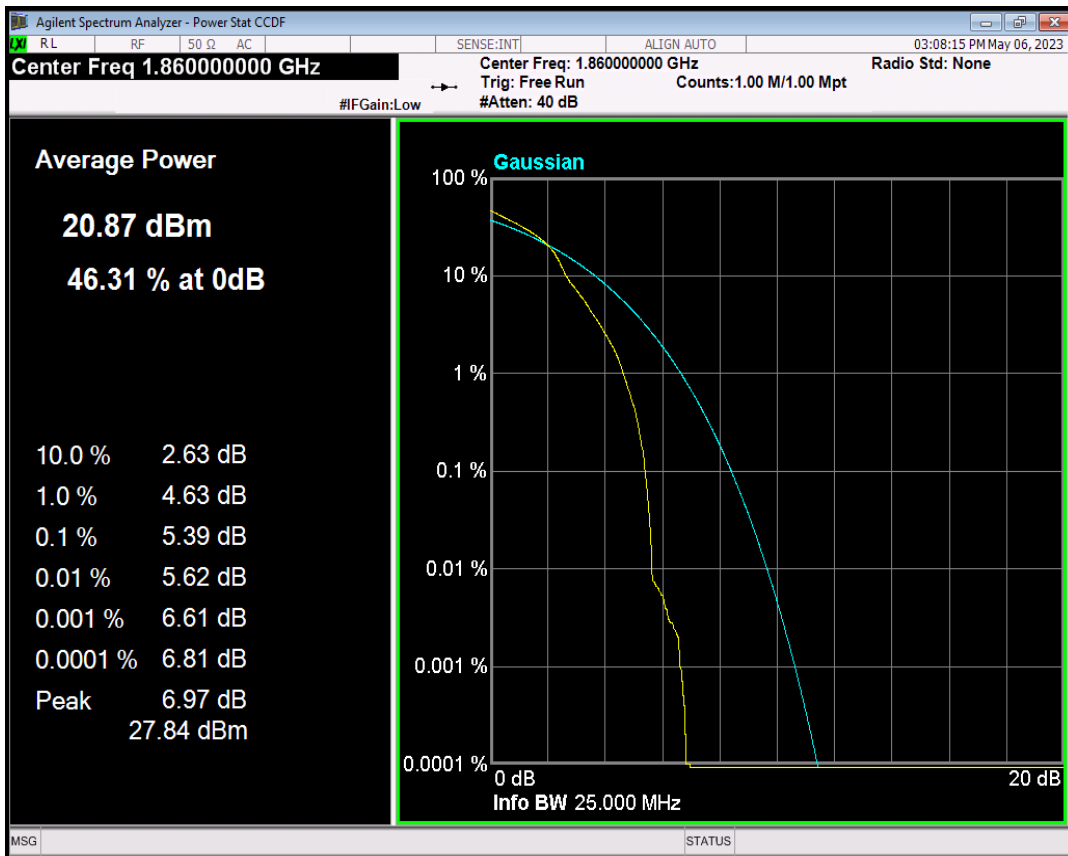


Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0

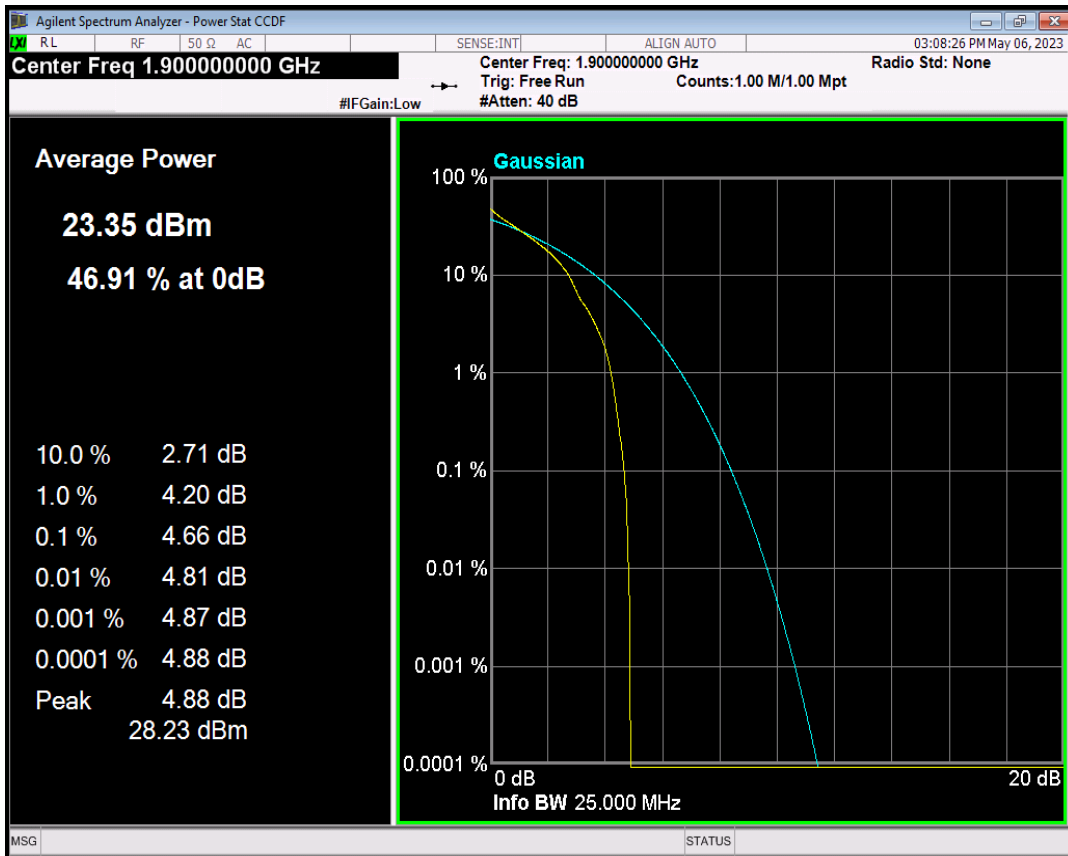




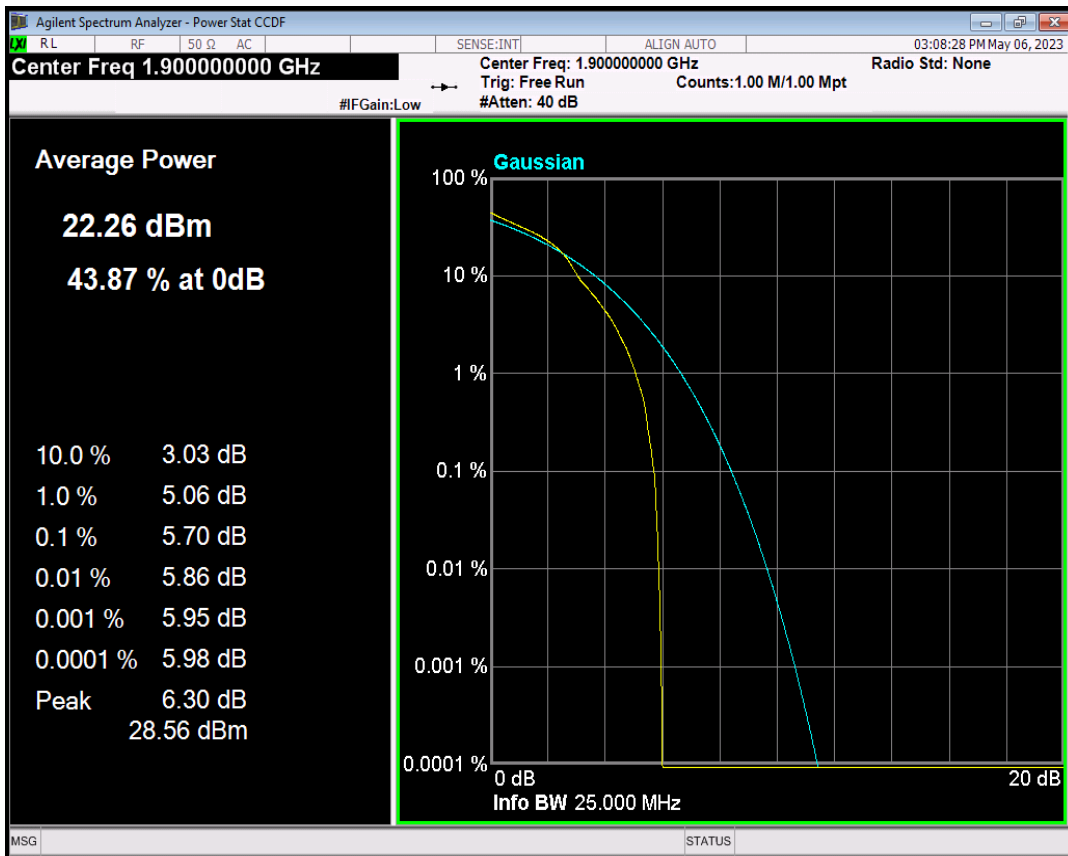
Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0



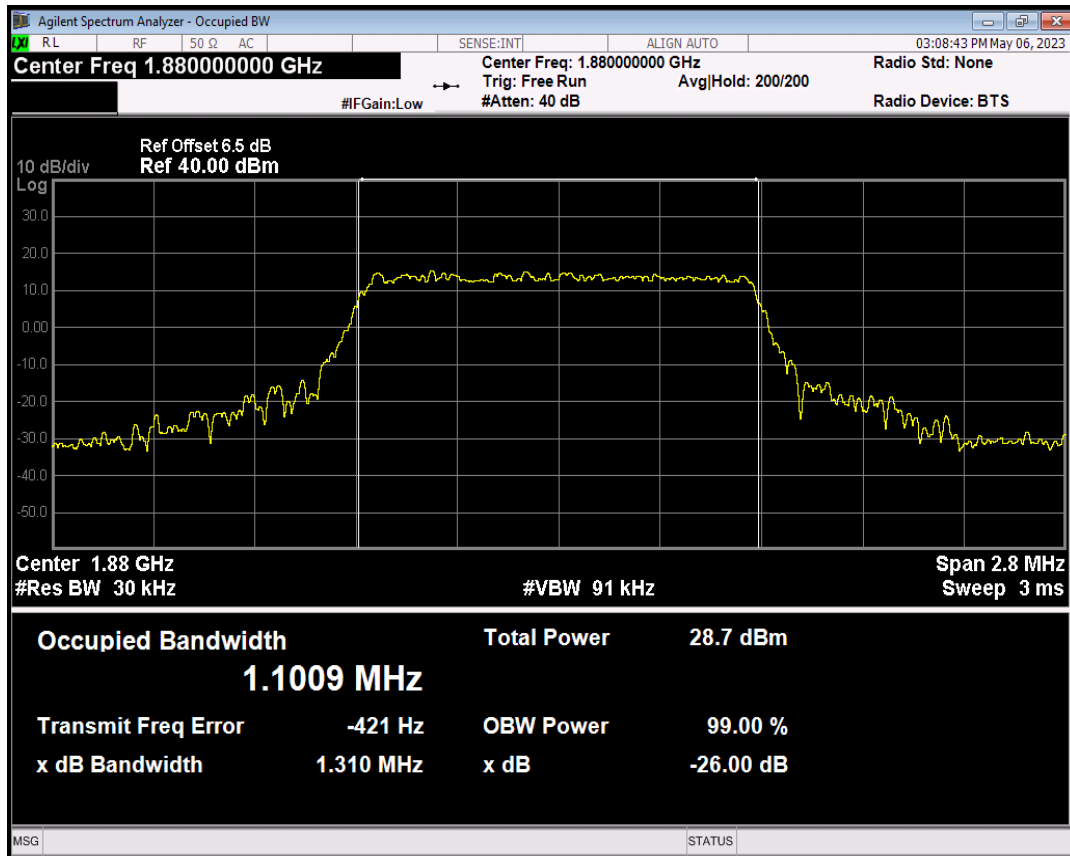
Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



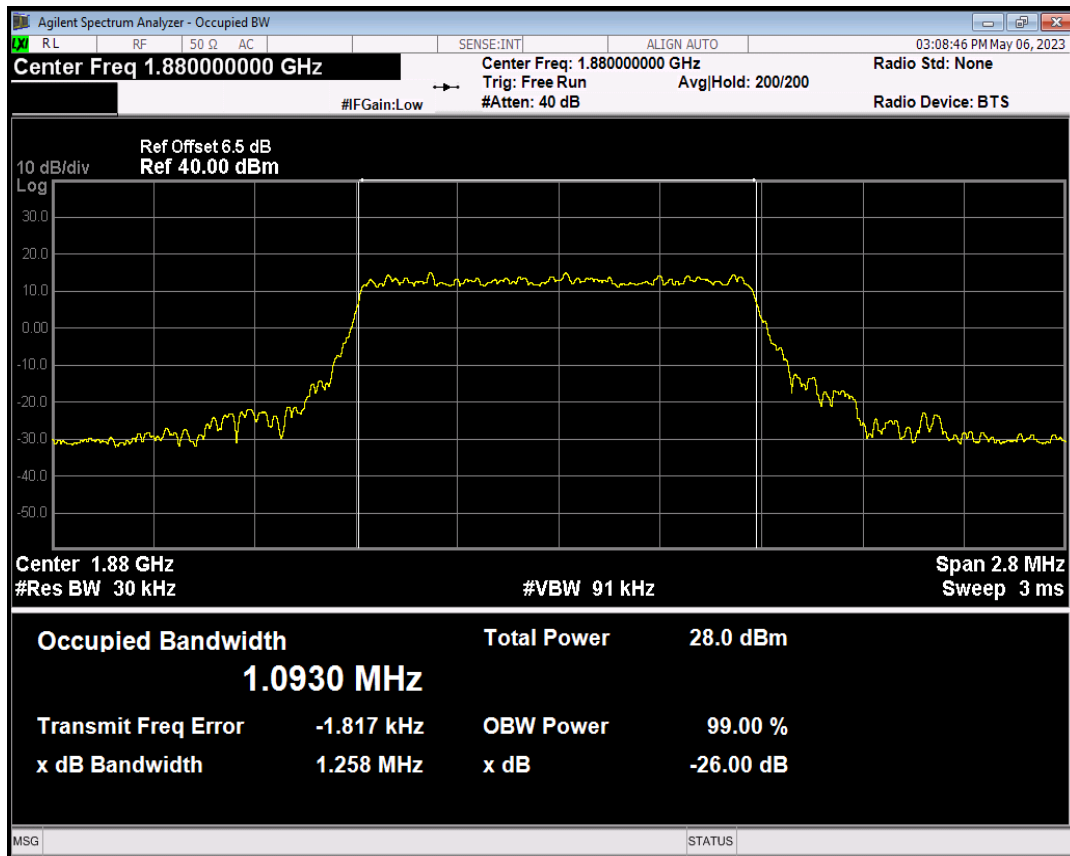
Appendix 4. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QPSK	1.099	1.278	PASS
Band2	1.4	18607	6	#0	16QAM	1.101	1.262	PASS
Band2	1.4	18900	6	#0	QPSK	1.101	1.310	PASS
Band2	1.4	18900	6	#0	16QAM	1.093	1.258	PASS
Band2	1.4	19193	6	#0	QPSK	1.104	1.305	PASS
Band2	1.4	19193	6	#0	16QAM	1.101	1.275	PASS
Band2	3	18615	15	#0	QPSK	2.713	3.097	PASS
Band2	3	18615	15	#0	16QAM	2.715	3.053	PASS
Band2	3	18900	15	#0	QPSK	2.717	3.099	PASS
Band2	3	18900	15	#0	16QAM	2.709	3.046	PASS
Band2	3	19185	15	#0	QPSK	2.710	3.034	PASS
Band2	3	19185	15	#0	16QAM	2.707	3.051	PASS
Band2	5	18625	25	#0	QPSK	4.517	5.117	PASS
Band2	5	18625	25	#0	16QAM	4.507	5.237	PASS
Band2	5	18900	25	#0	QPSK	4.519	5.172	PASS
Band2	5	18900	25	#0	16QAM	4.537	5.469	PASS
Band2	5	19175	25	#0	QPSK	4.515	5.517	PASS
Band2	5	19175	25	#0	16QAM	4.511	5.439	PASS
Band2	10	18650	50	#0	QPSK	8.959	9.837	PASS
Band2	10	18650	50	#0	16QAM	8.985	9.899	PASS
Band2	10	18900	50	#0	QPSK	8.994	9.828	PASS
Band2	10	18900	50	#0	16QAM	9.021	9.868	PASS
Band2	10	19150	50	#0	QPSK	9.063	10.345	PASS
Band2	10	19150	50	#0	16QAM	9.046	10.648	PASS
Band2	15	18675	75	#0	QPSK	13.427	14.600	PASS
Band2	15	18675	75	#0	16QAM	13.475	14.742	PASS
Band2	15	18900	75	#0	QPSK	13.507	14.929	PASS
Band2	15	18900	75	#0	16QAM	13.506	14.935	PASS
Band2	15	19125	75	#0	QPSK	13.519	14.871	PASS
Band2	15	19125	75	#0	16QAM	13.544	14.787	PASS
Band2	20	18700	100	#0	QPSK	17.929	19.738	PASS
Band2	20	18700	100	#0	16QAM	17.928	19.611	PASS
Band2	20	18900	100	#0	QPSK	18.042	20.586	PASS
Band2	20	18900	100	#0	16QAM	18.066	19.658	PASS
Band2	20	19100	100	#0	QPSK	18.011	19.535	PASS
Band2	20	19100	100	#0	16QAM	18.020	19.823	PASS

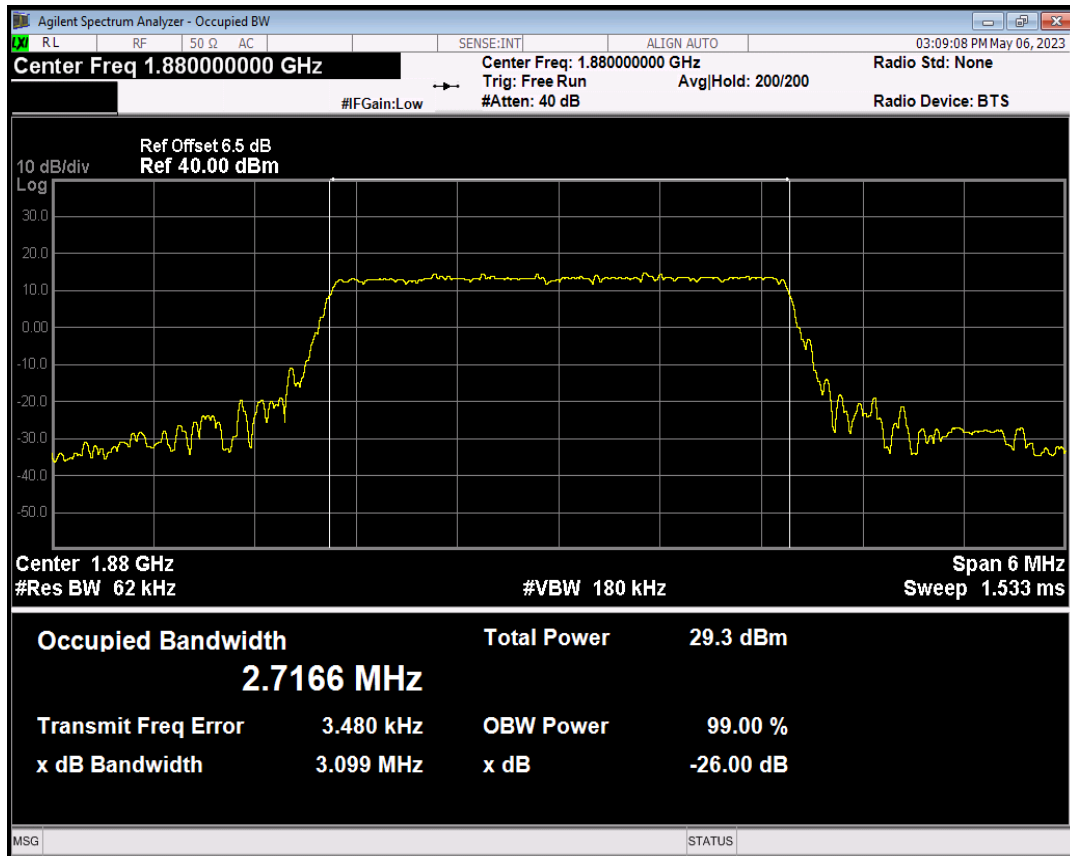
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



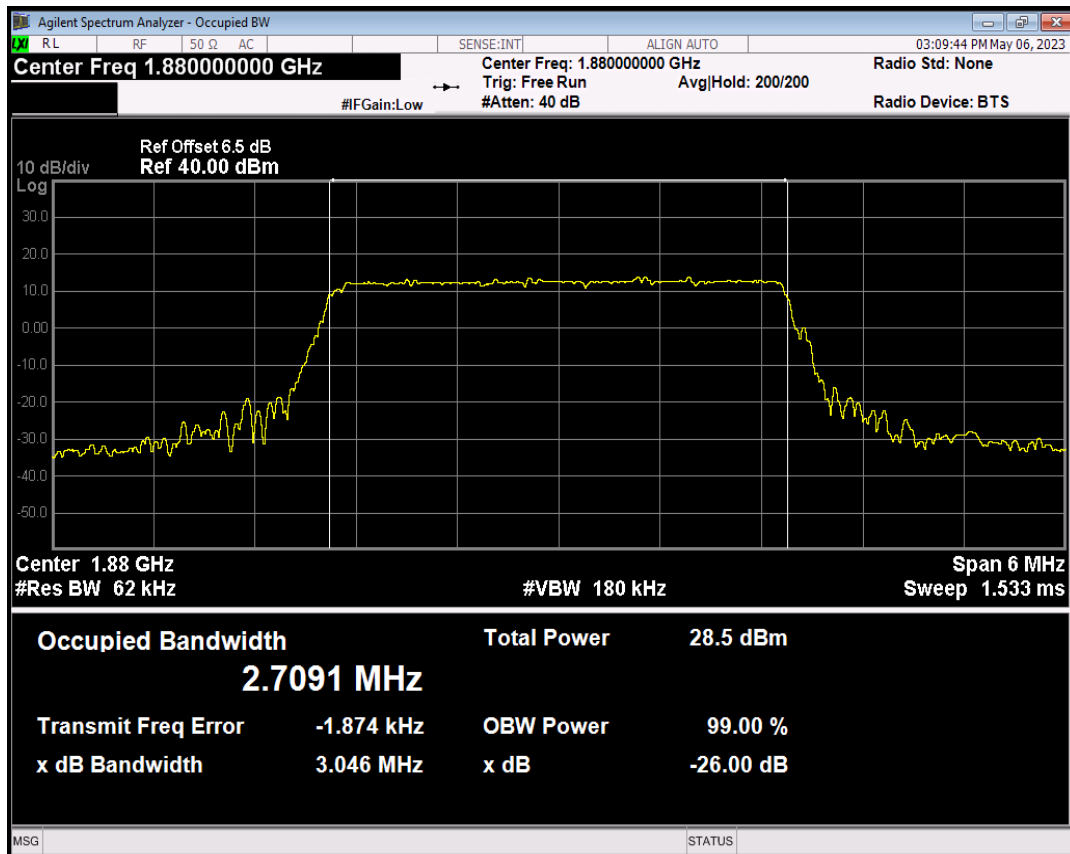
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



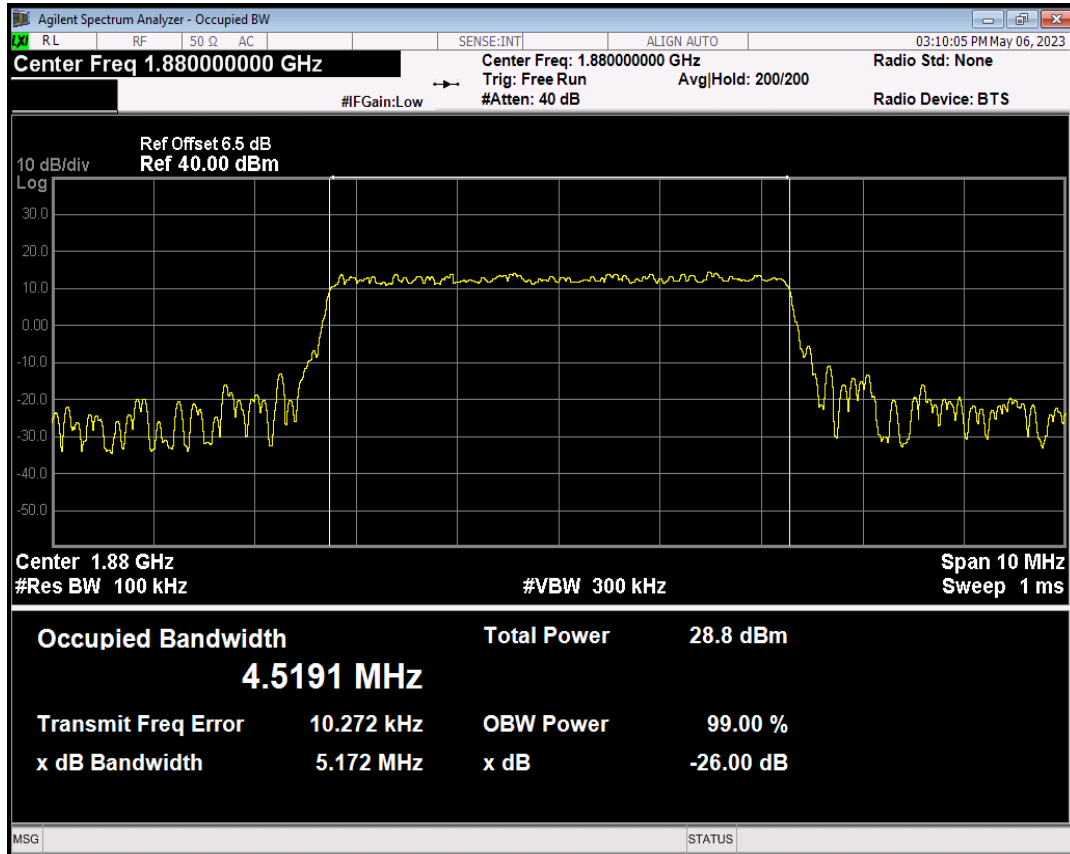
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



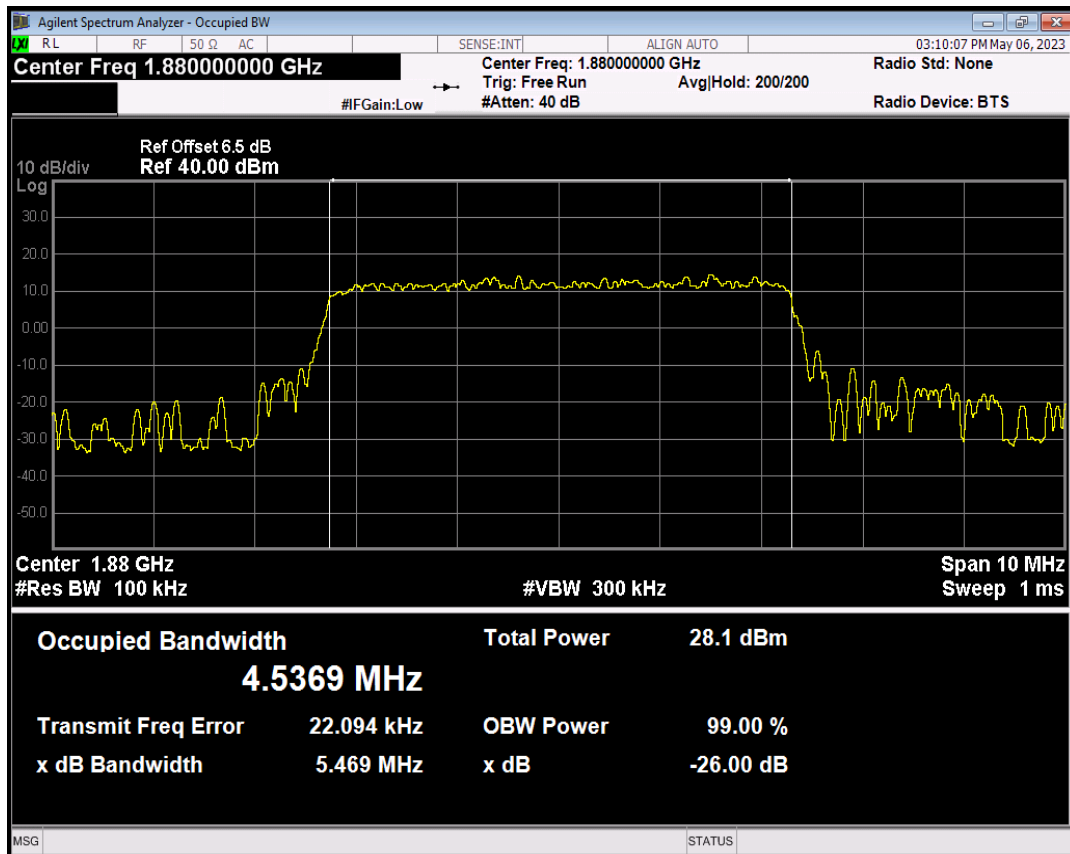
Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0



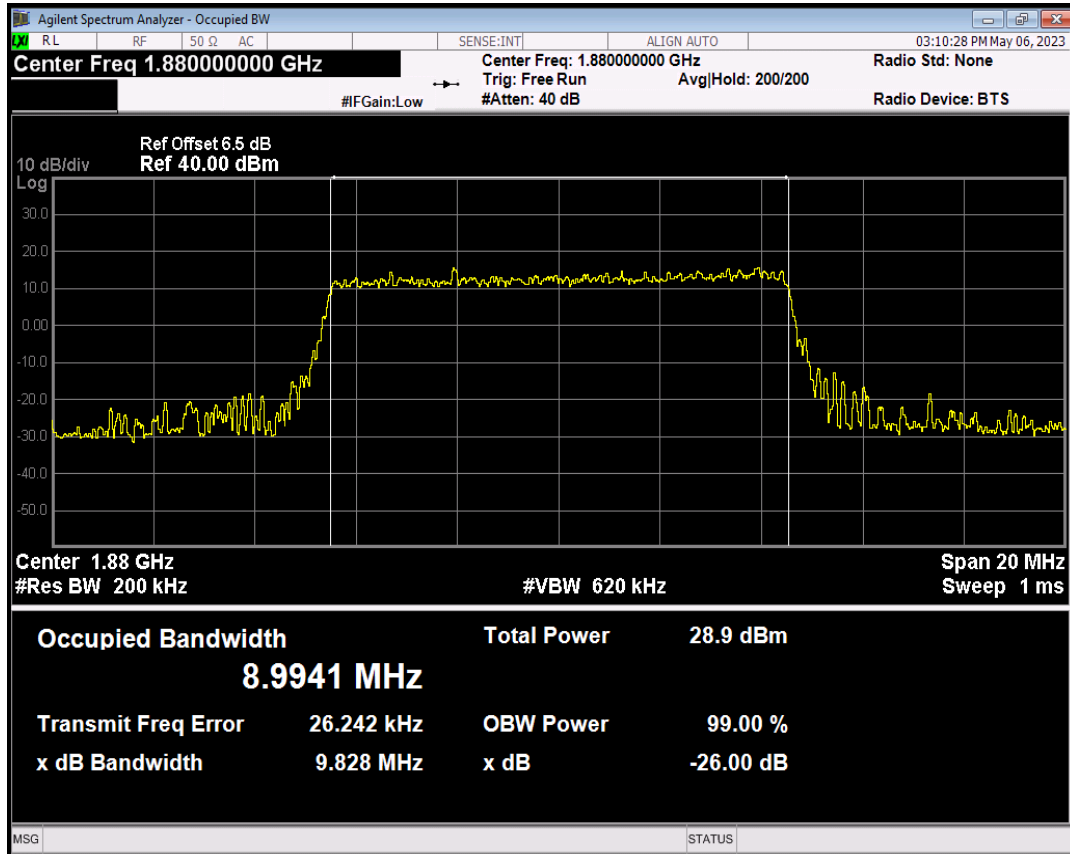
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



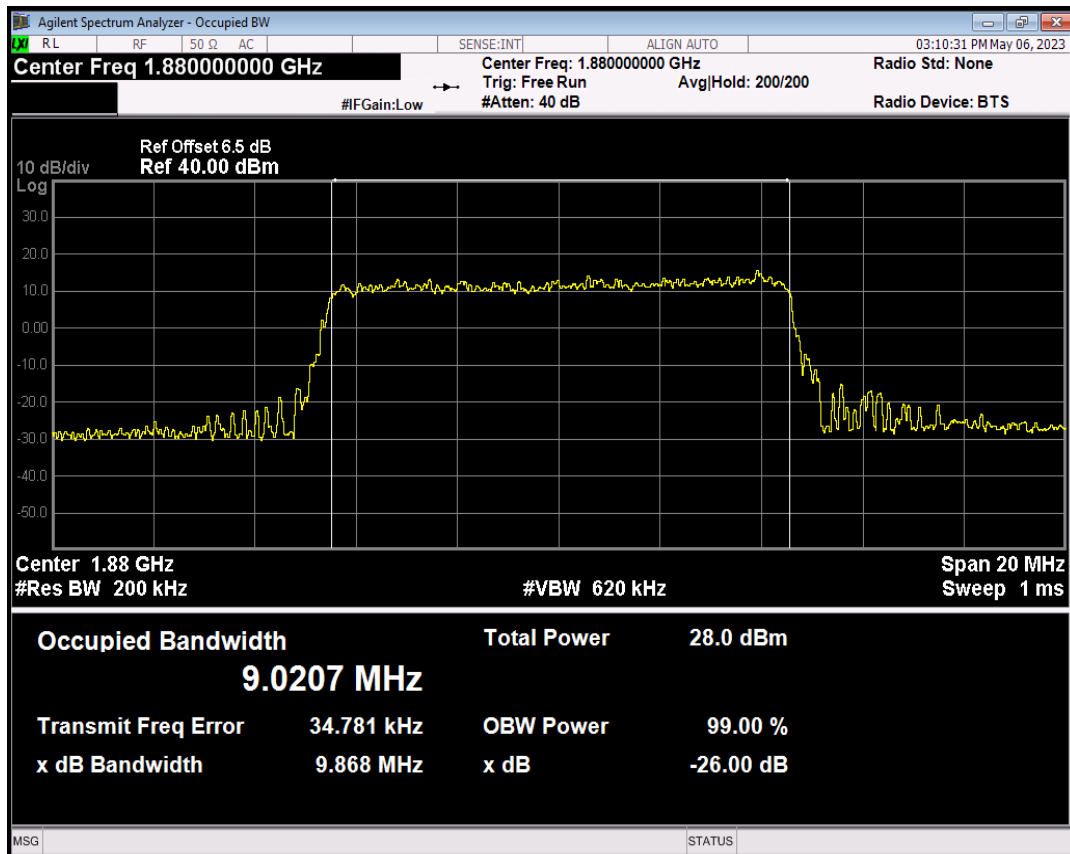
Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0



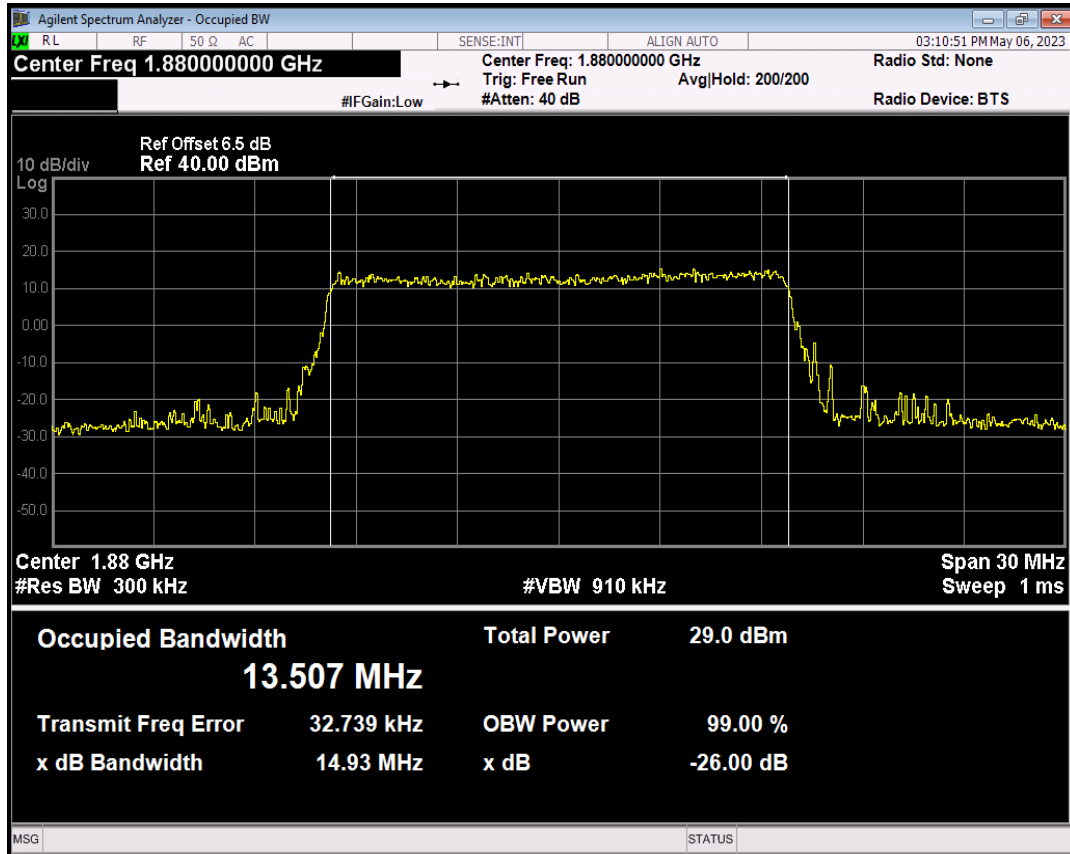
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



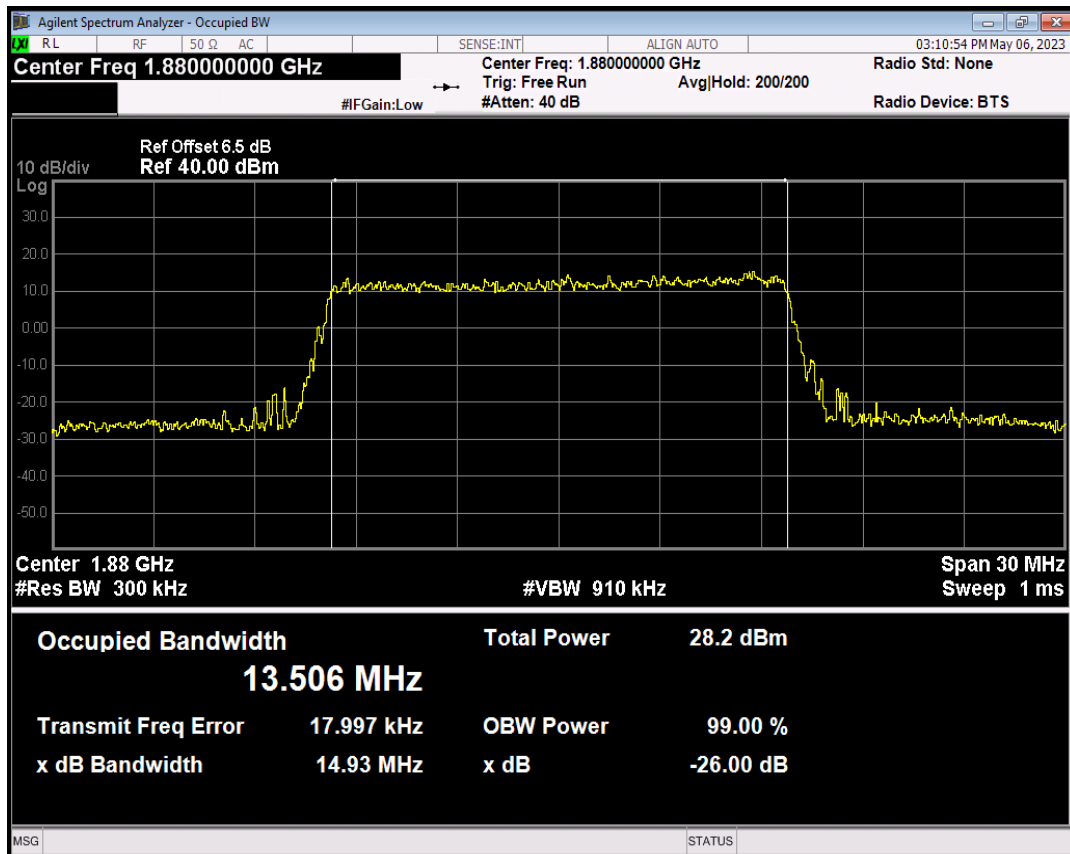
Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



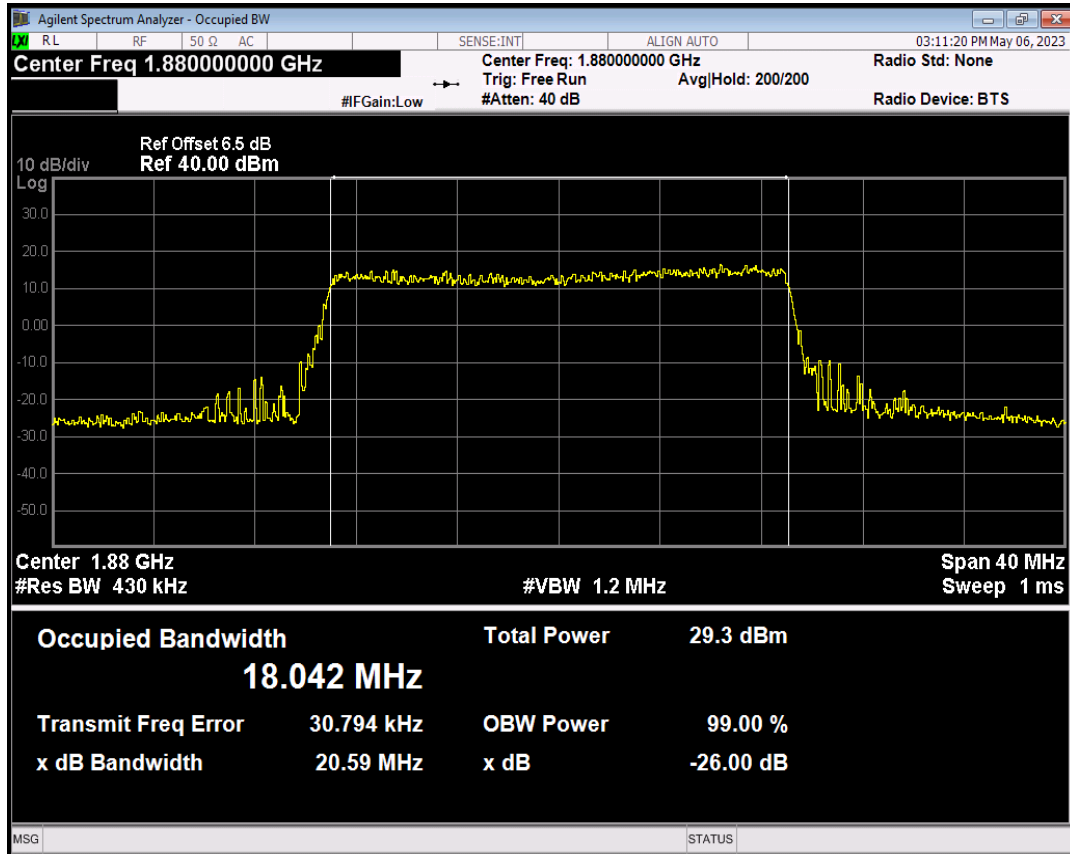
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



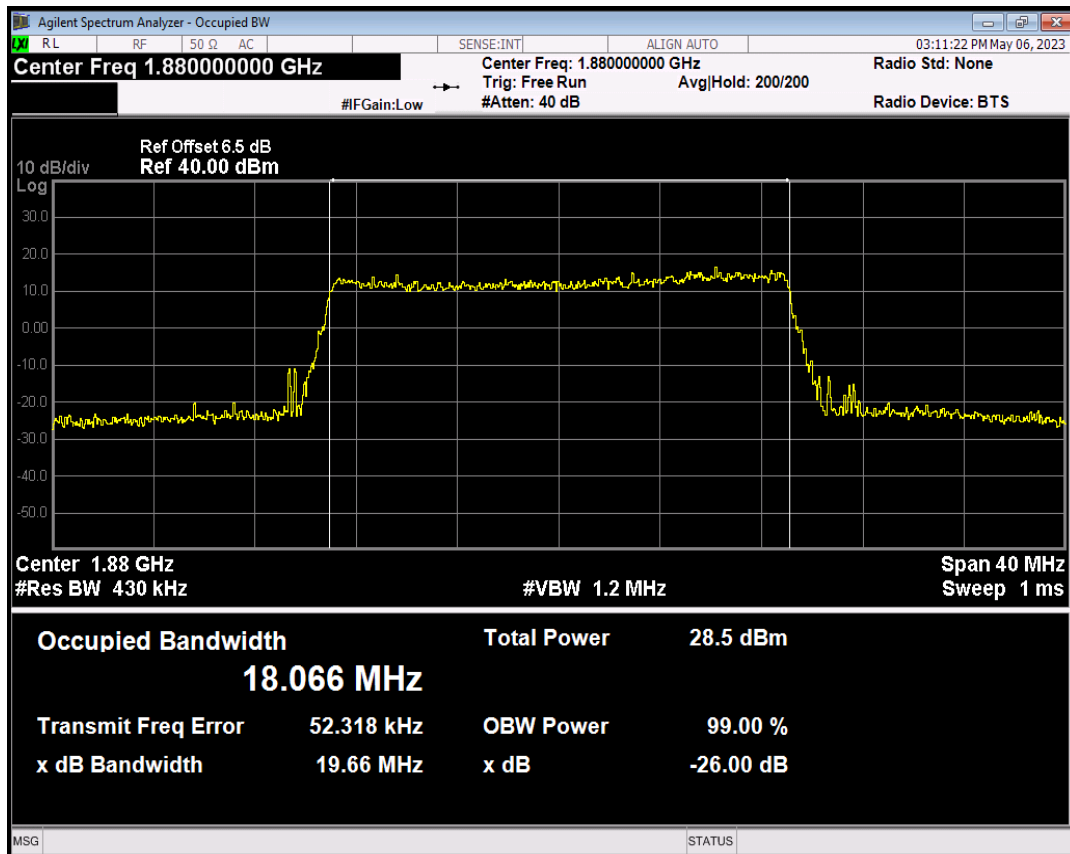
Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0



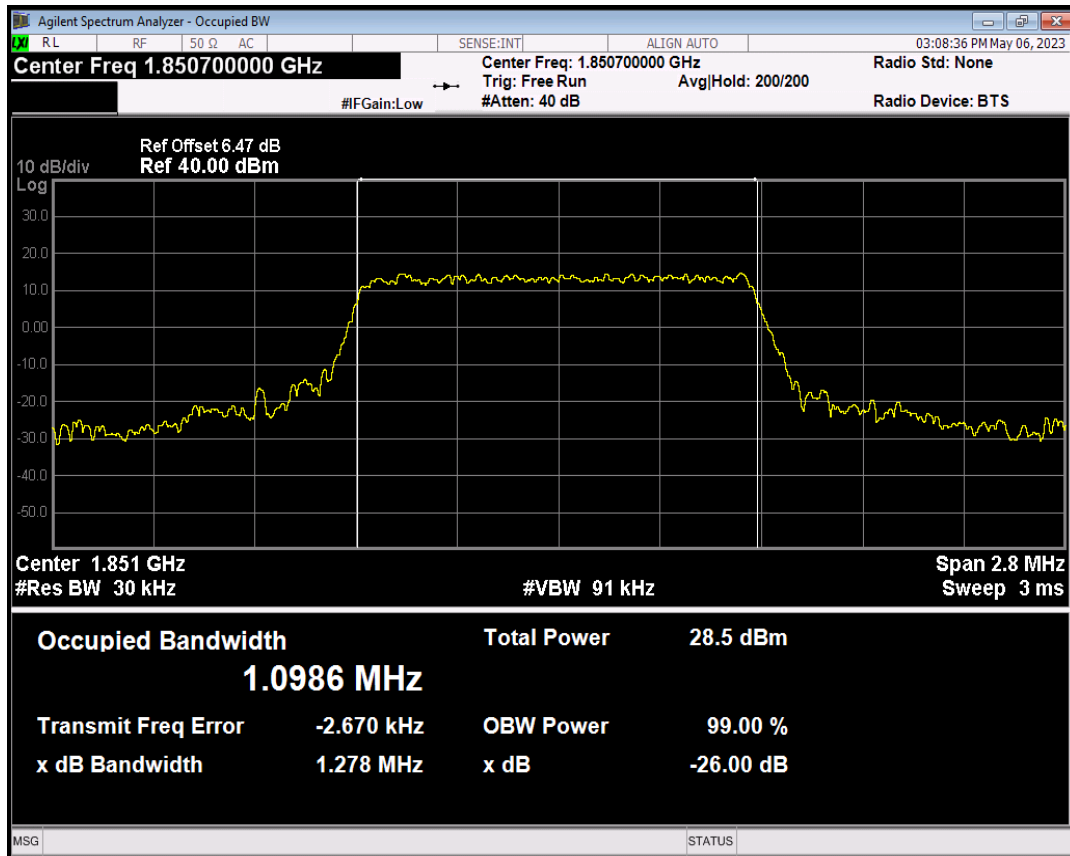
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



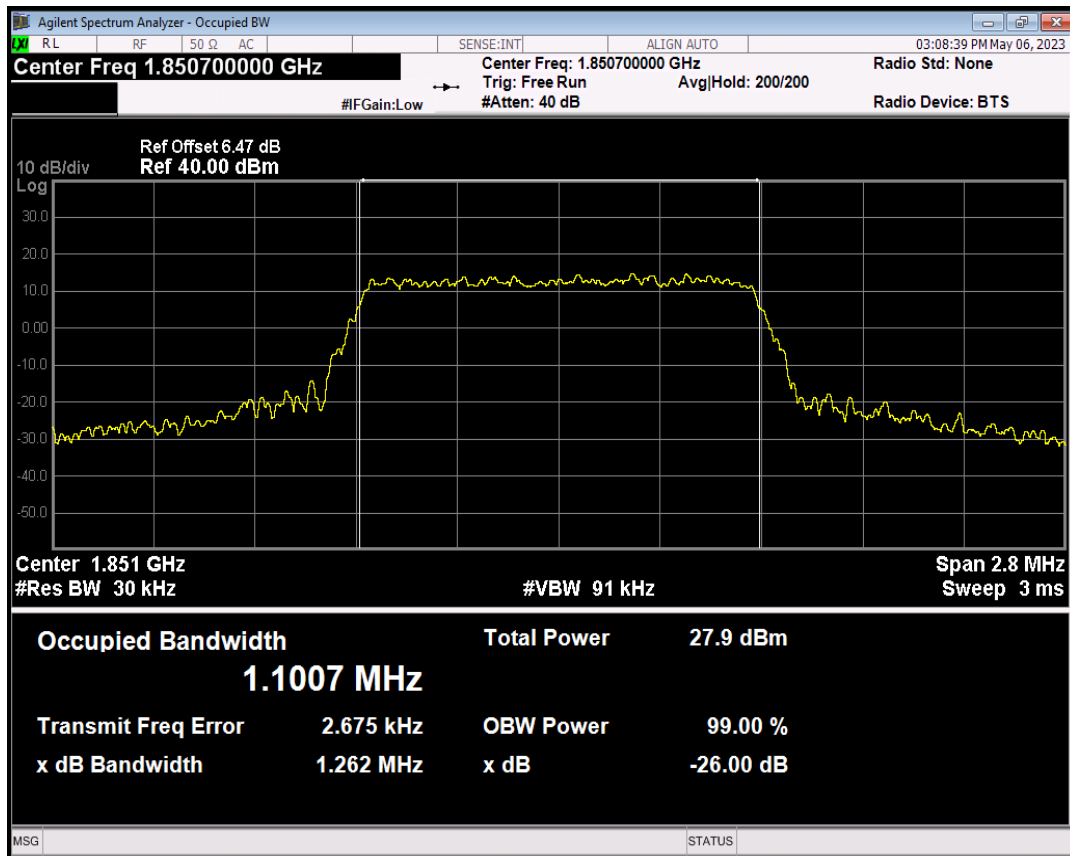
Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0



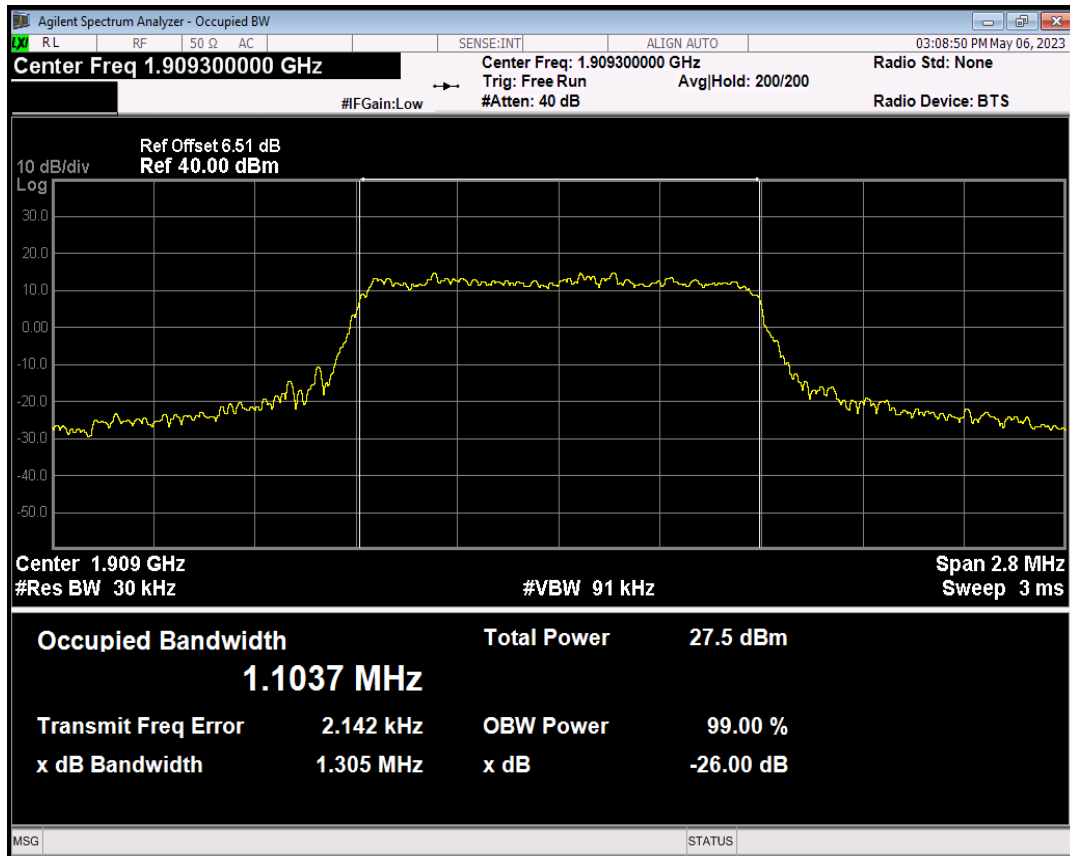
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



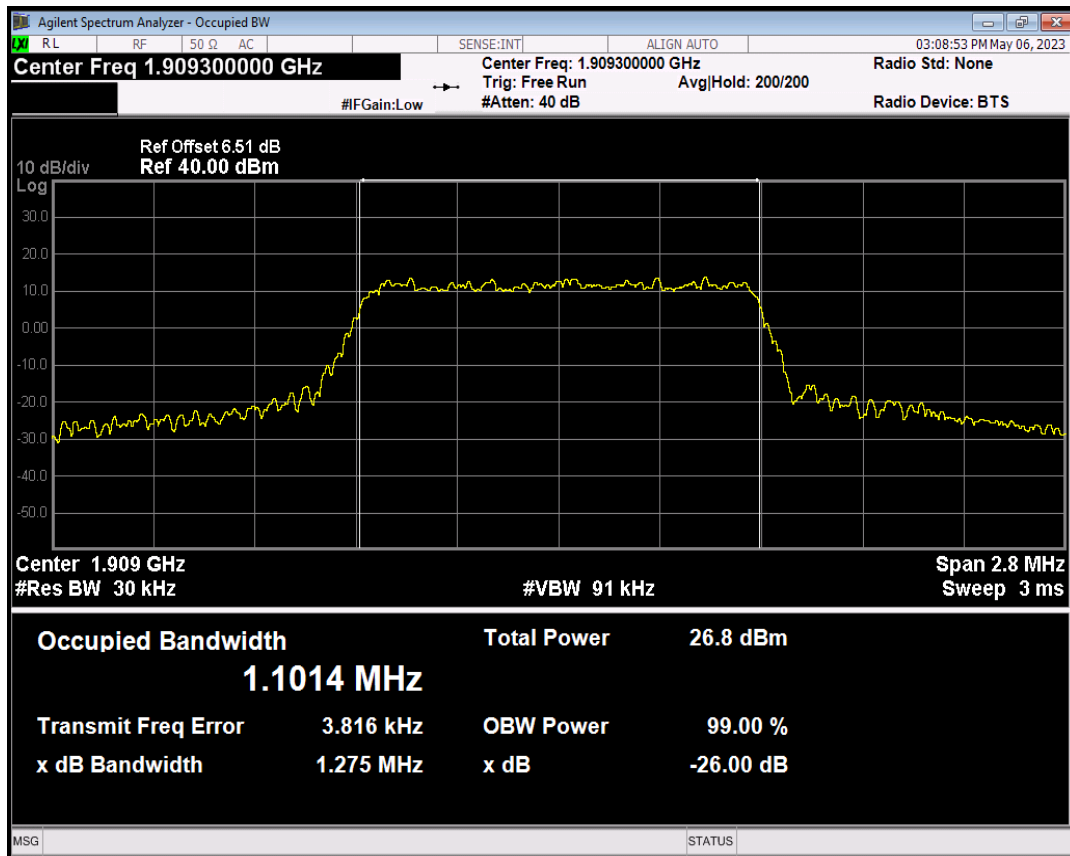
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



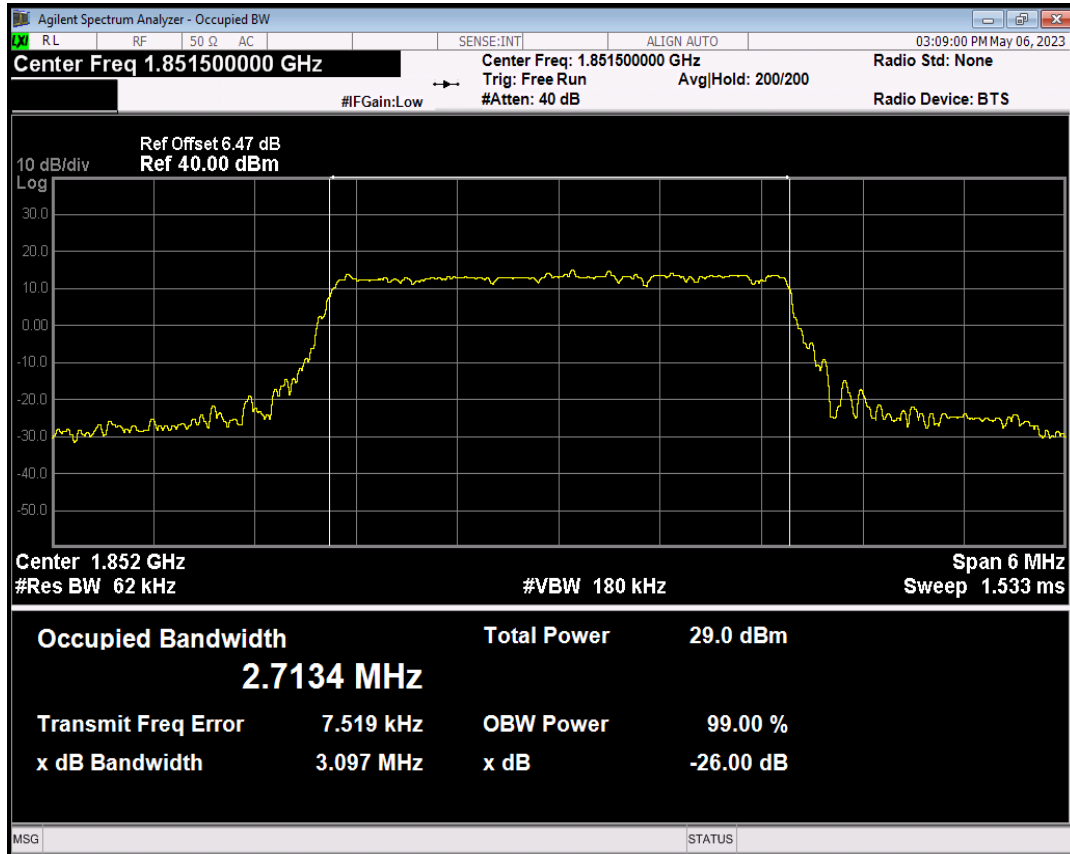
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



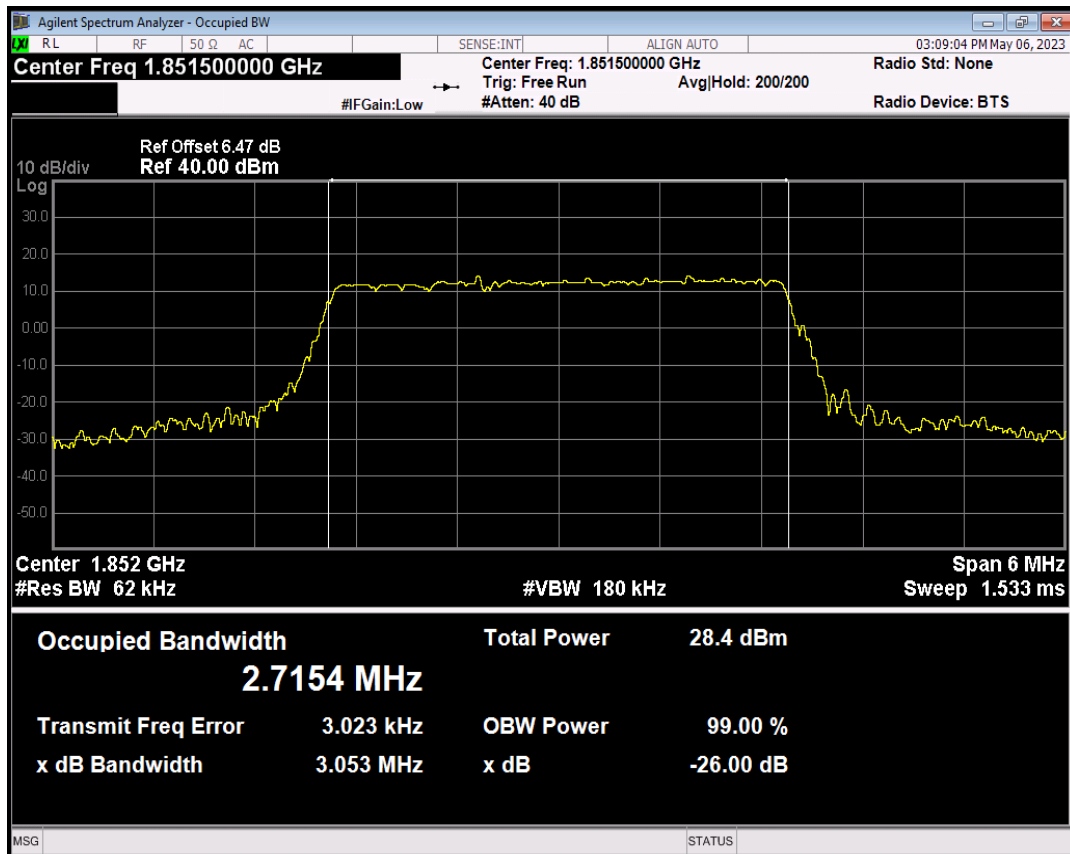
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



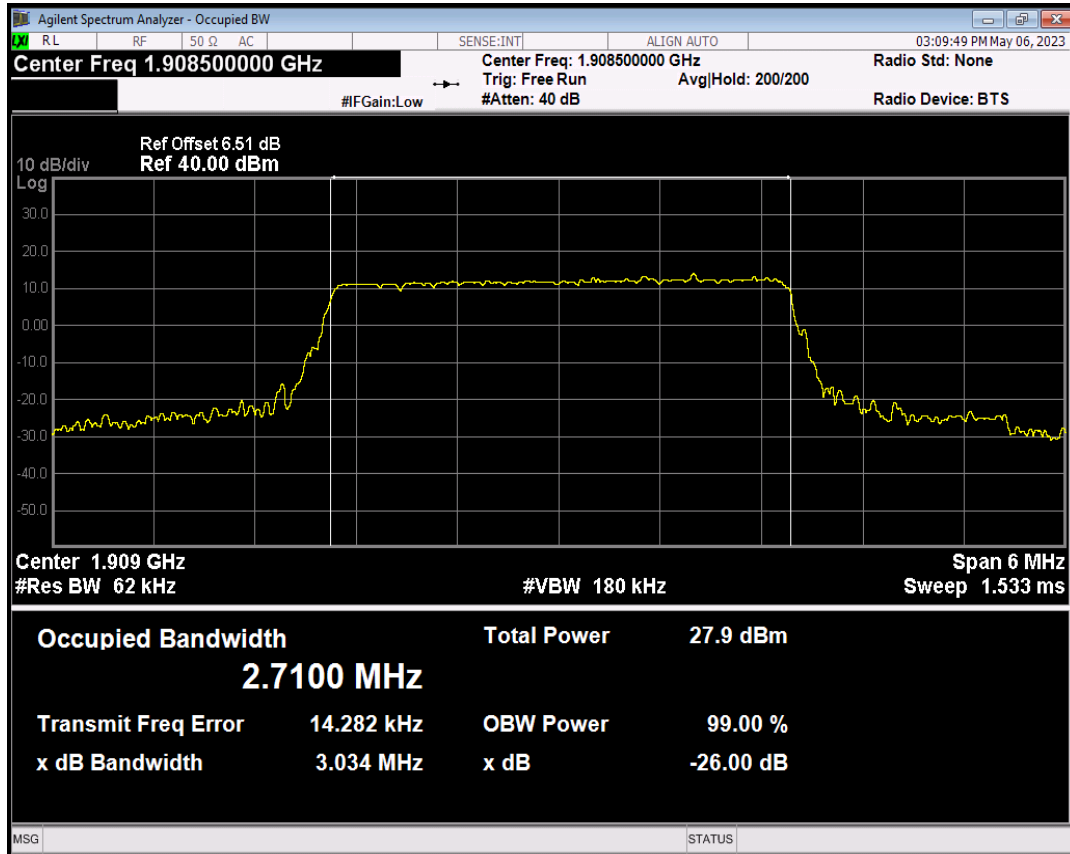
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



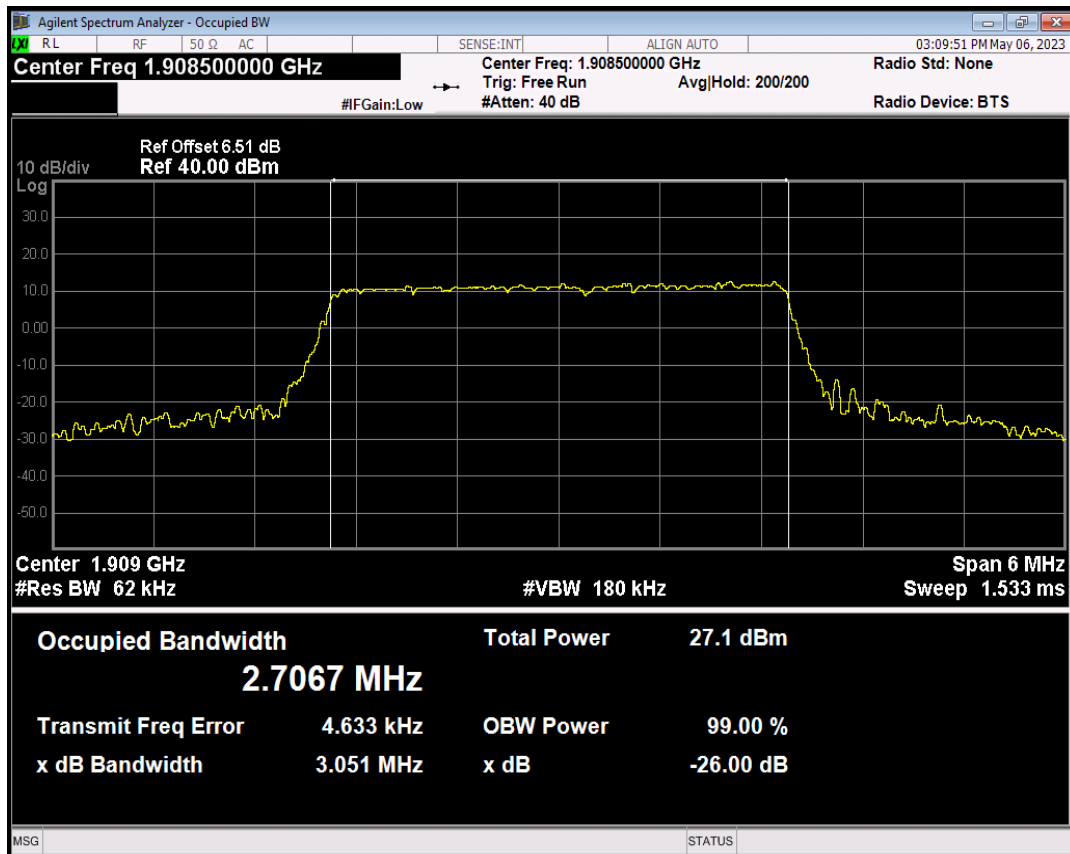
Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



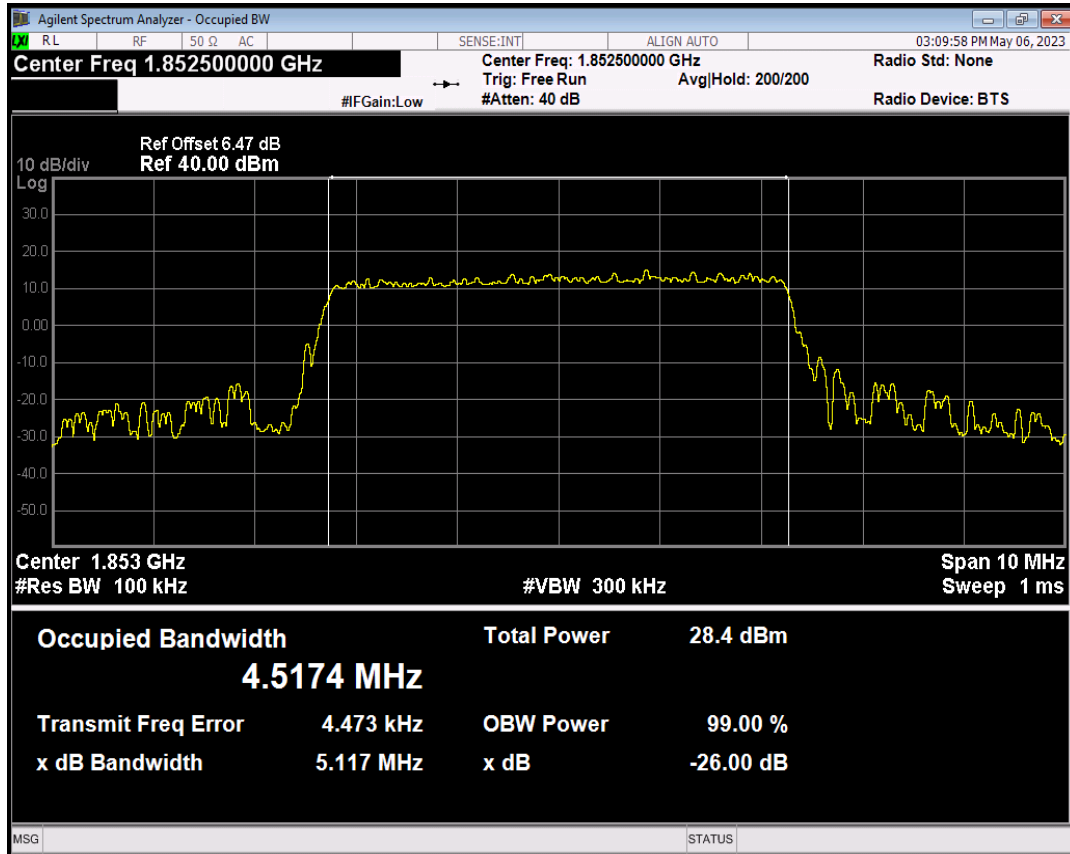
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



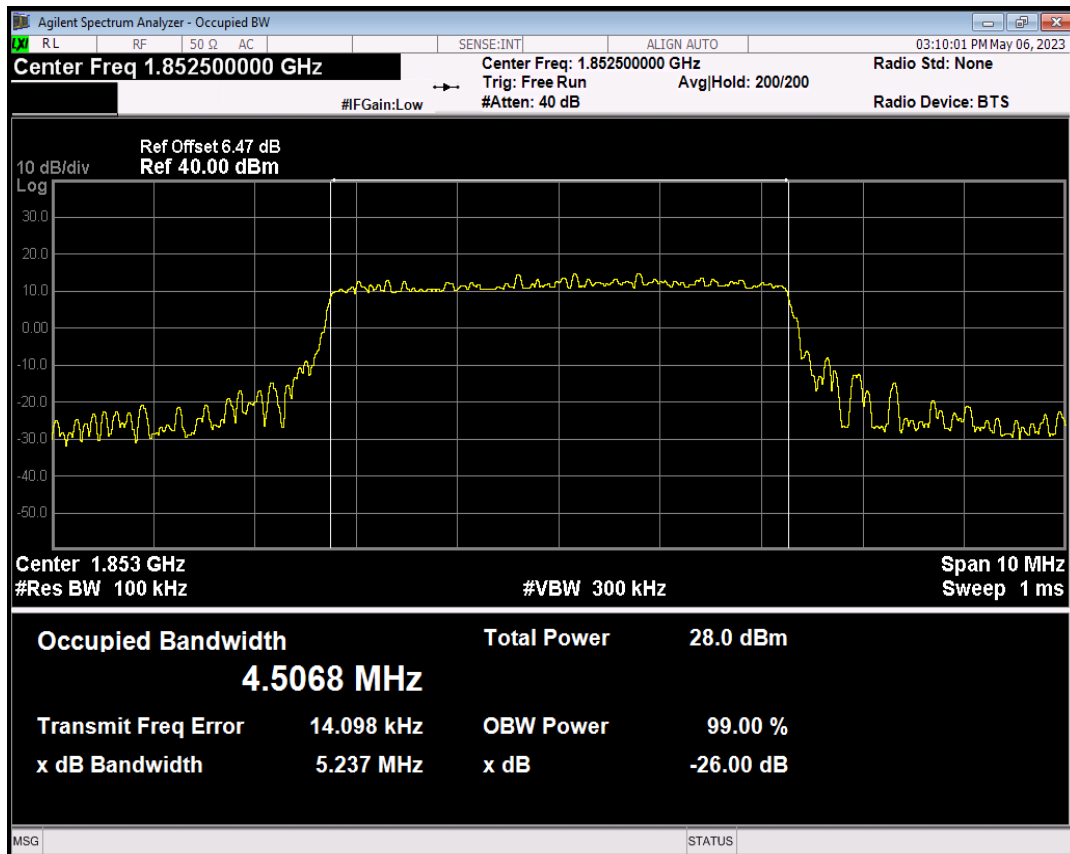
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



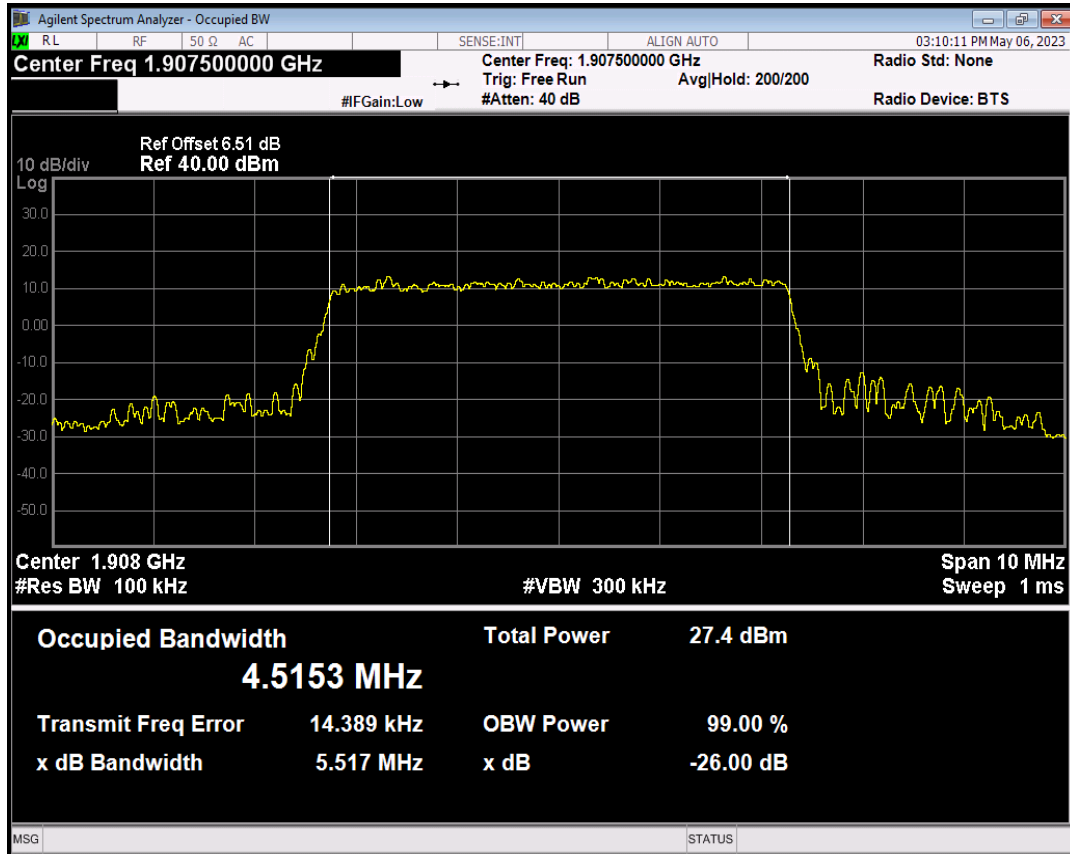
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



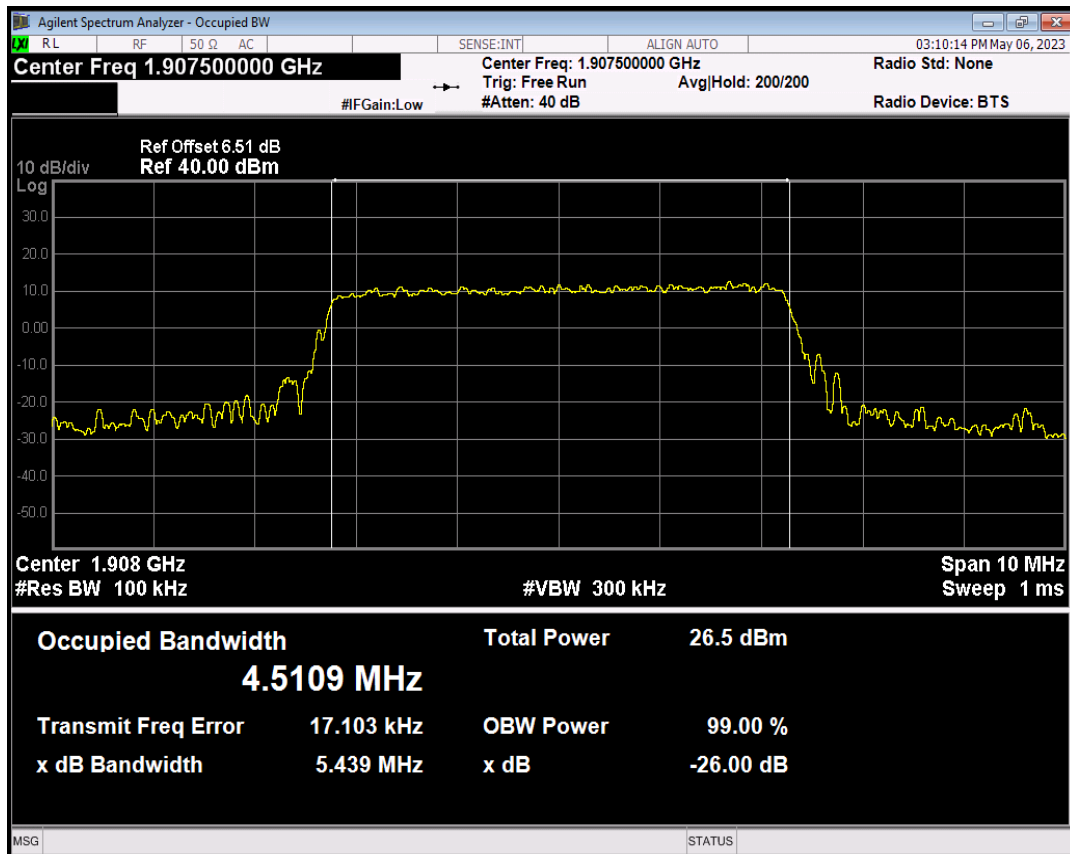
Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



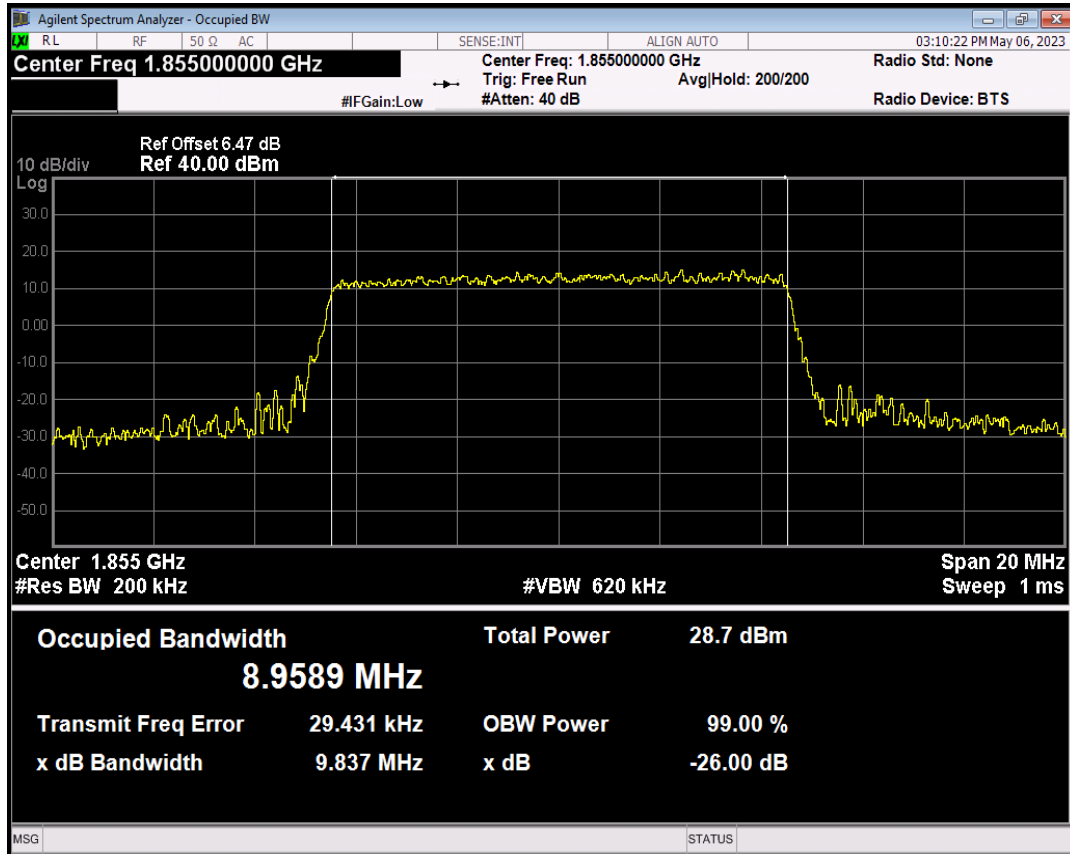
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



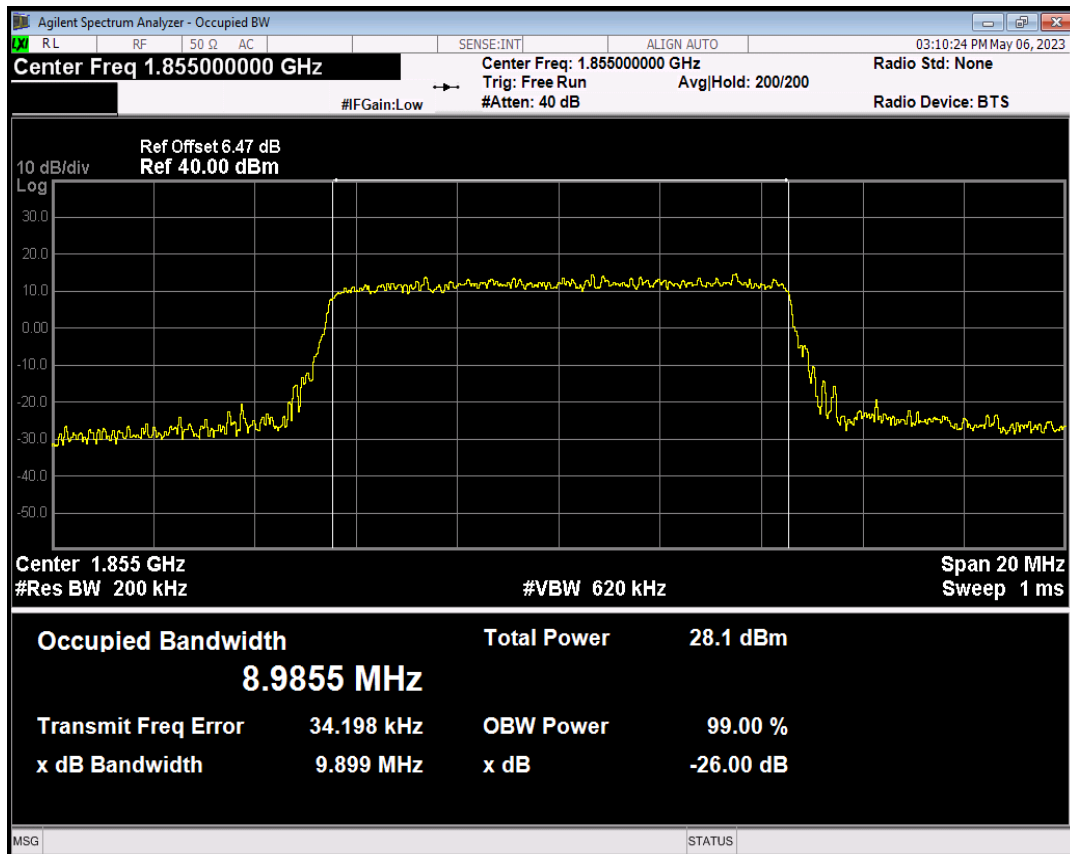
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



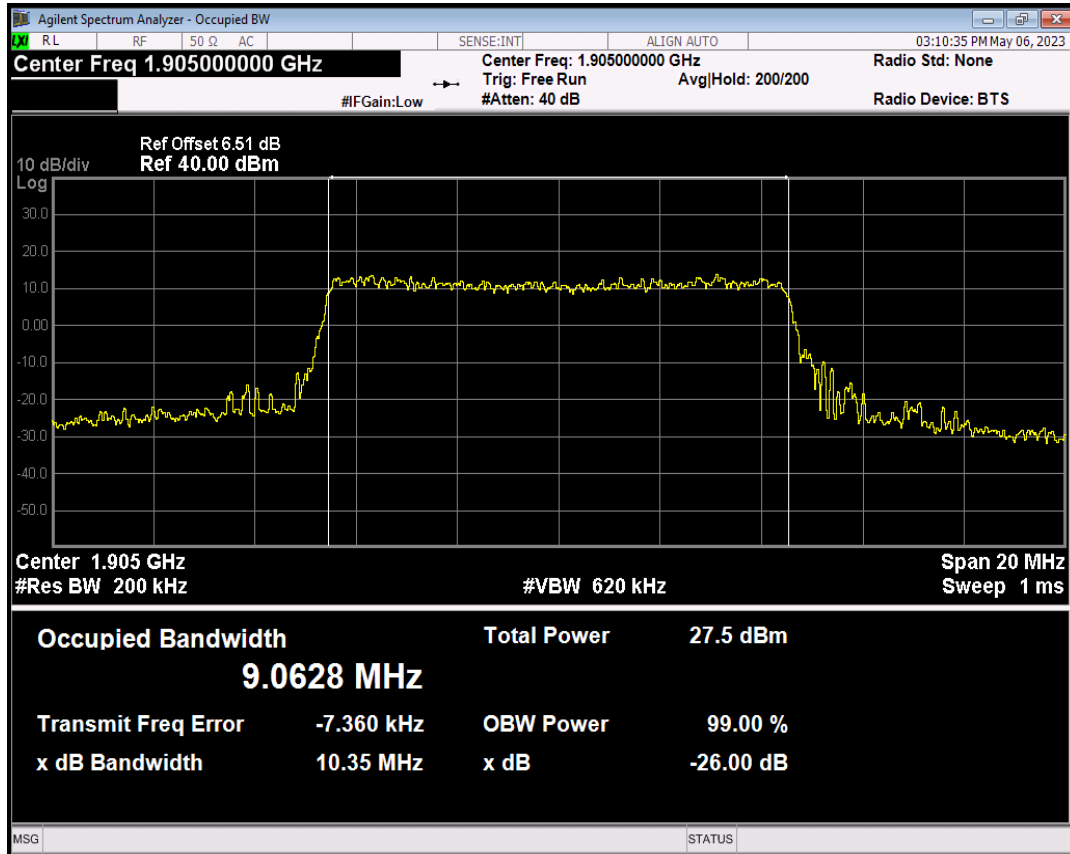
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



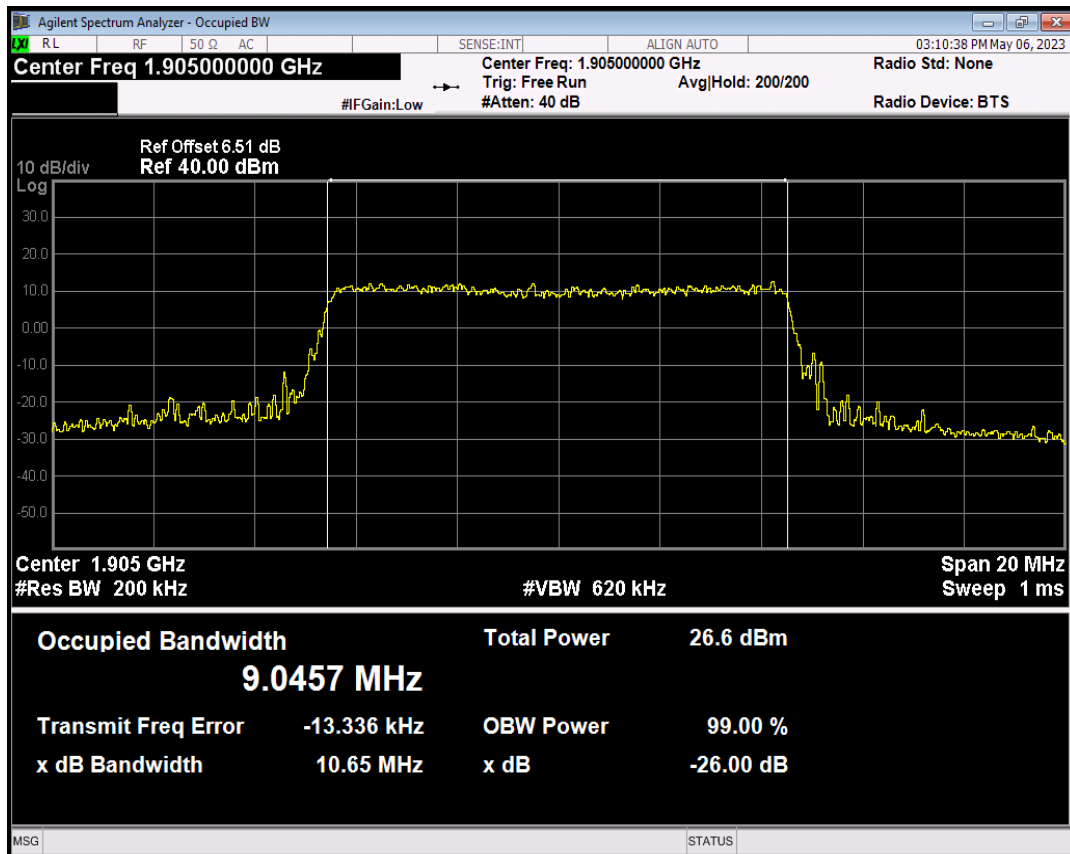
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



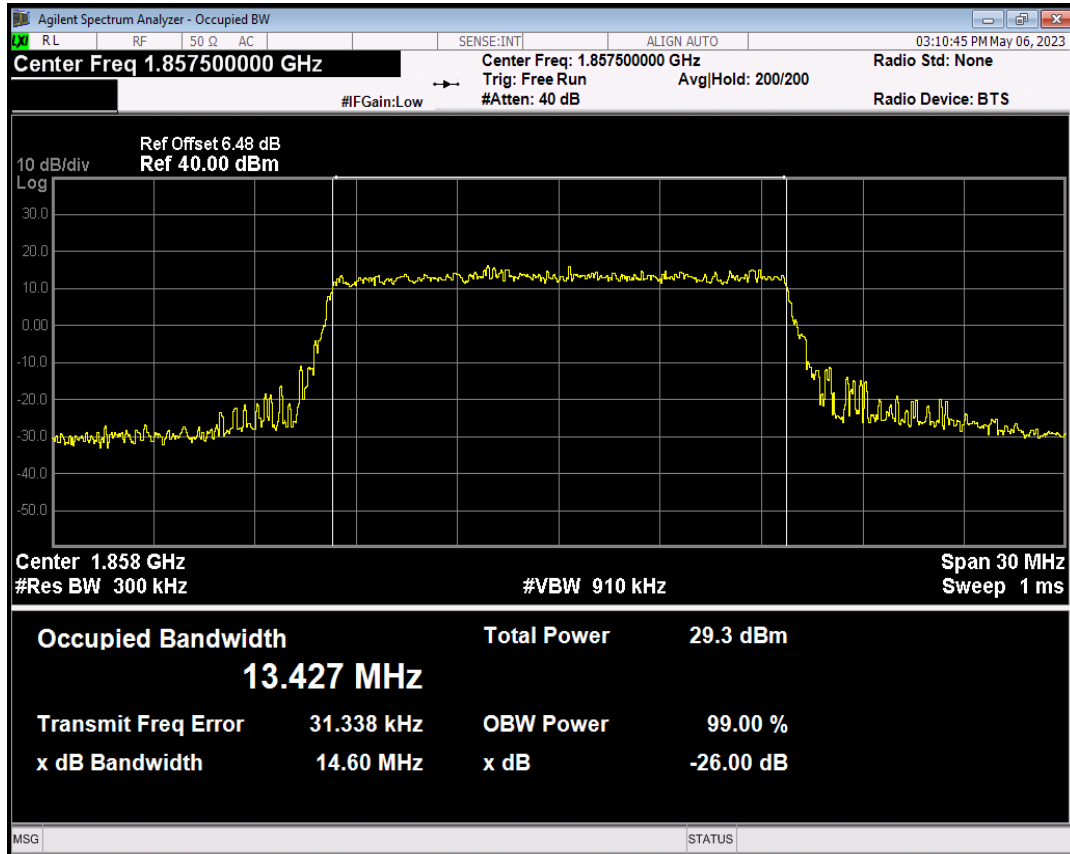
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



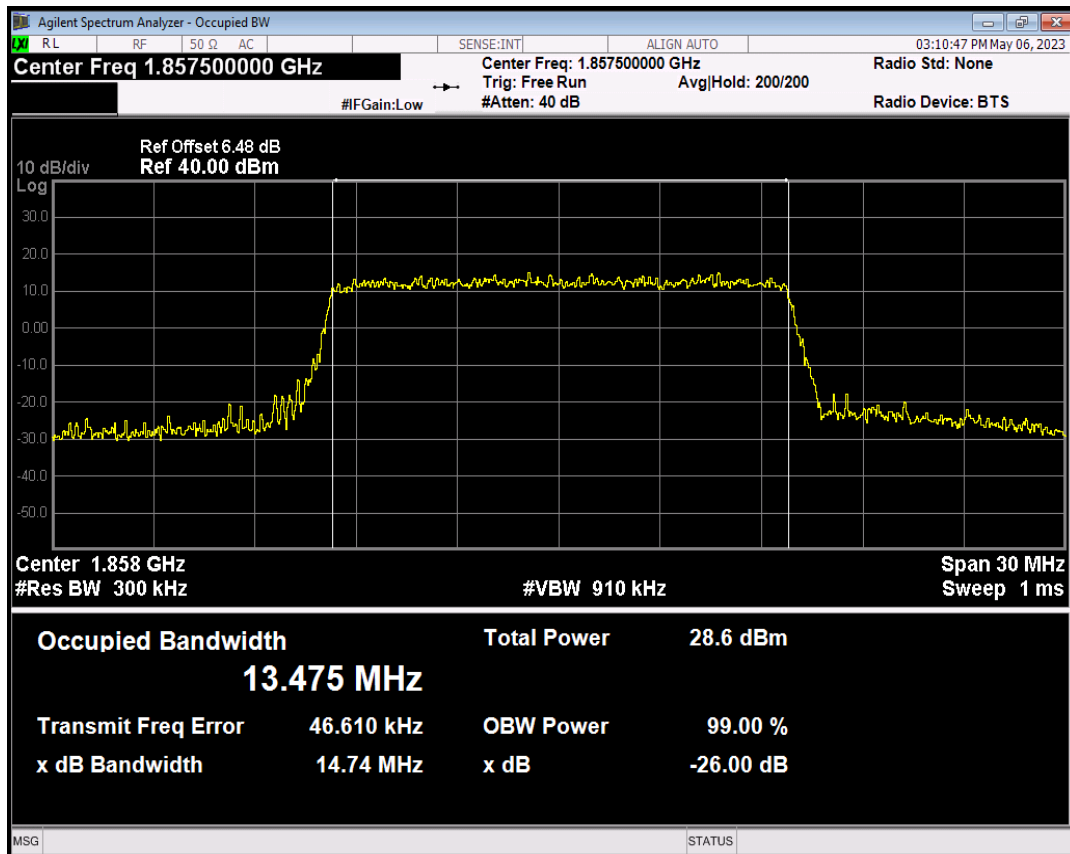
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



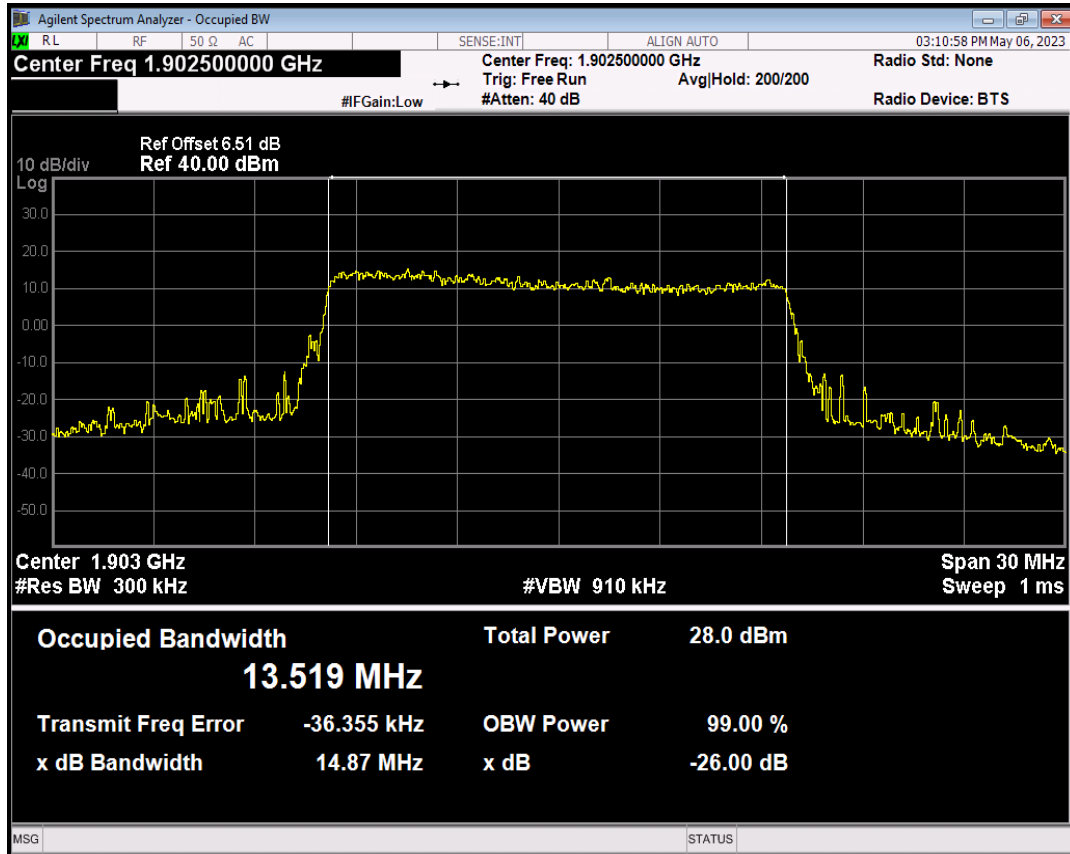
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



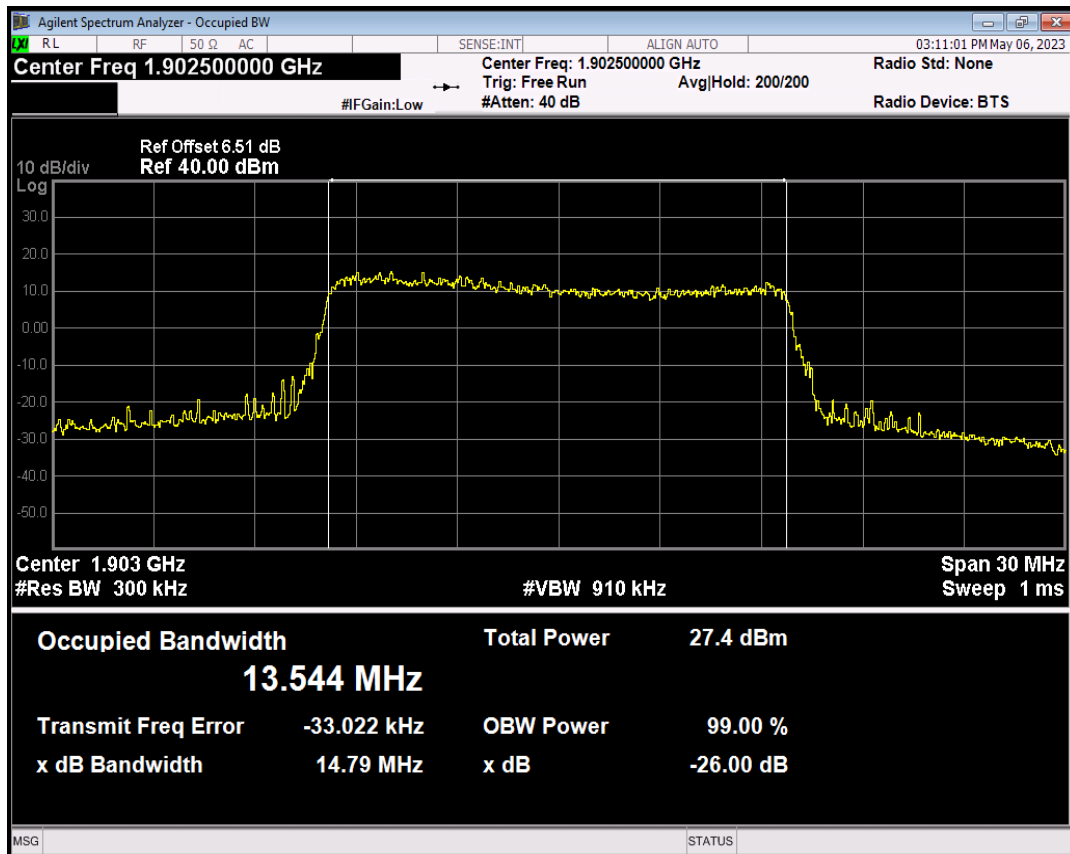
Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



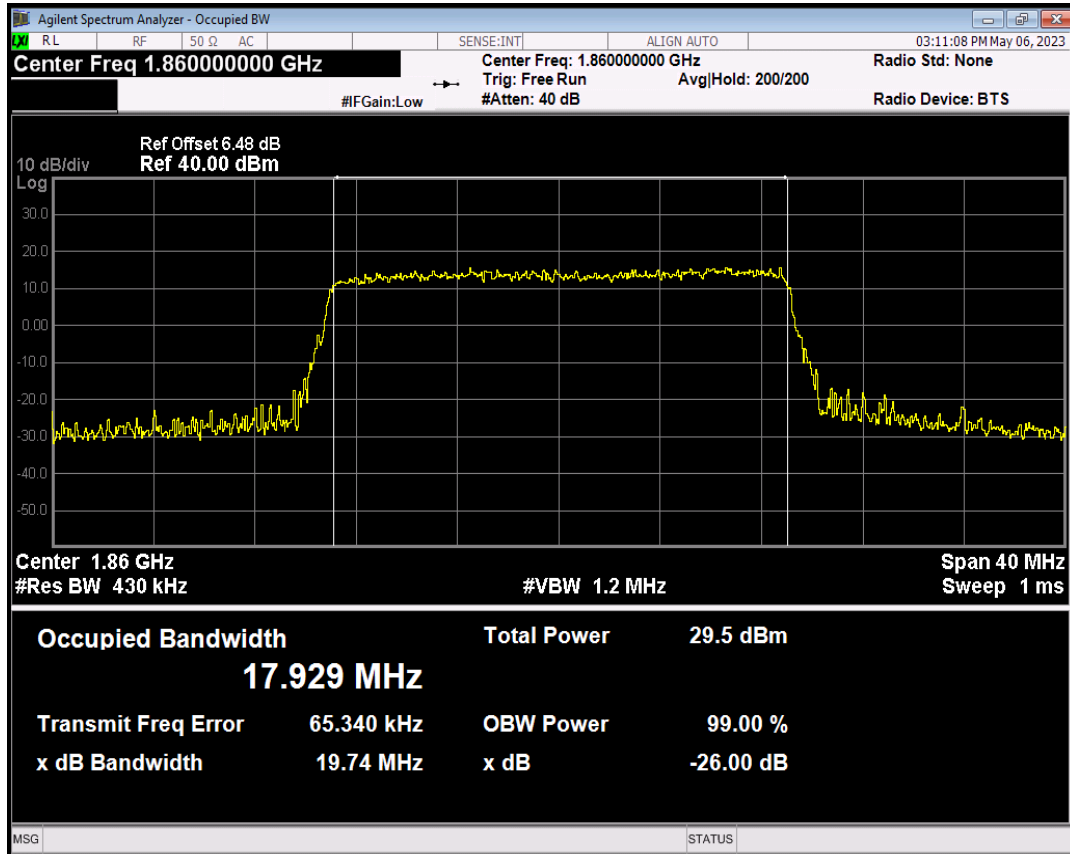
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



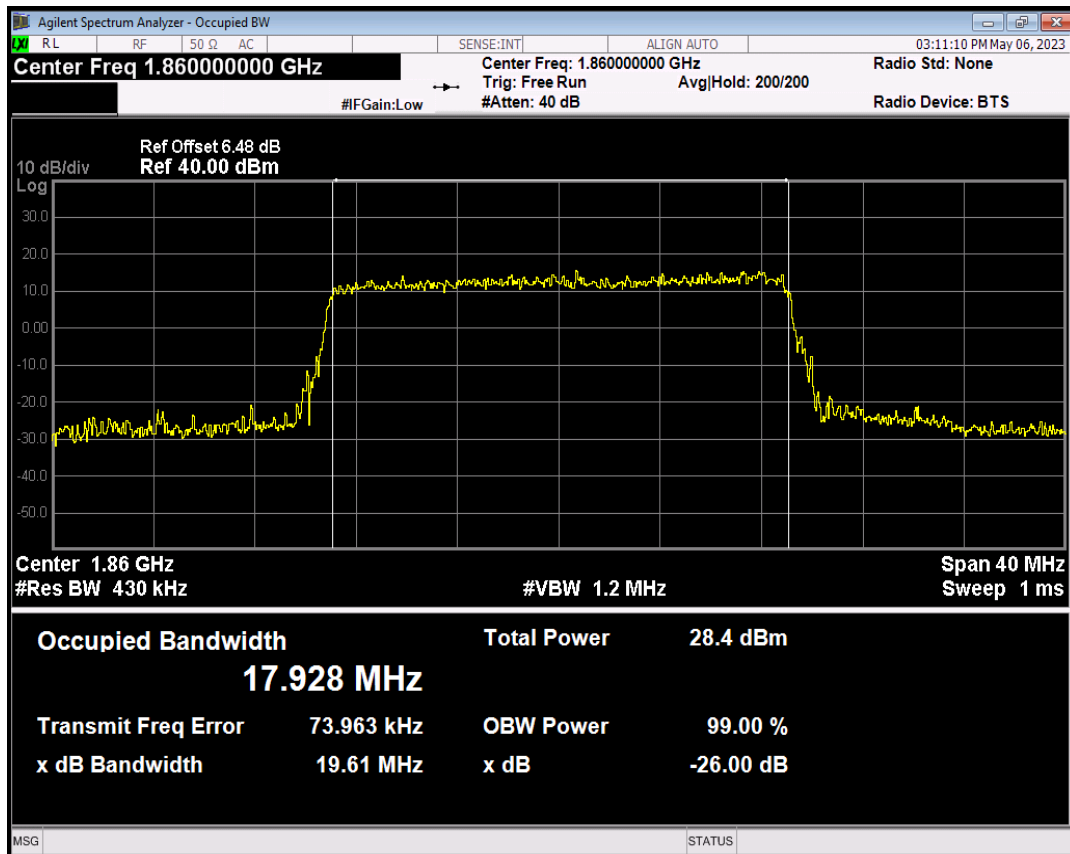
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



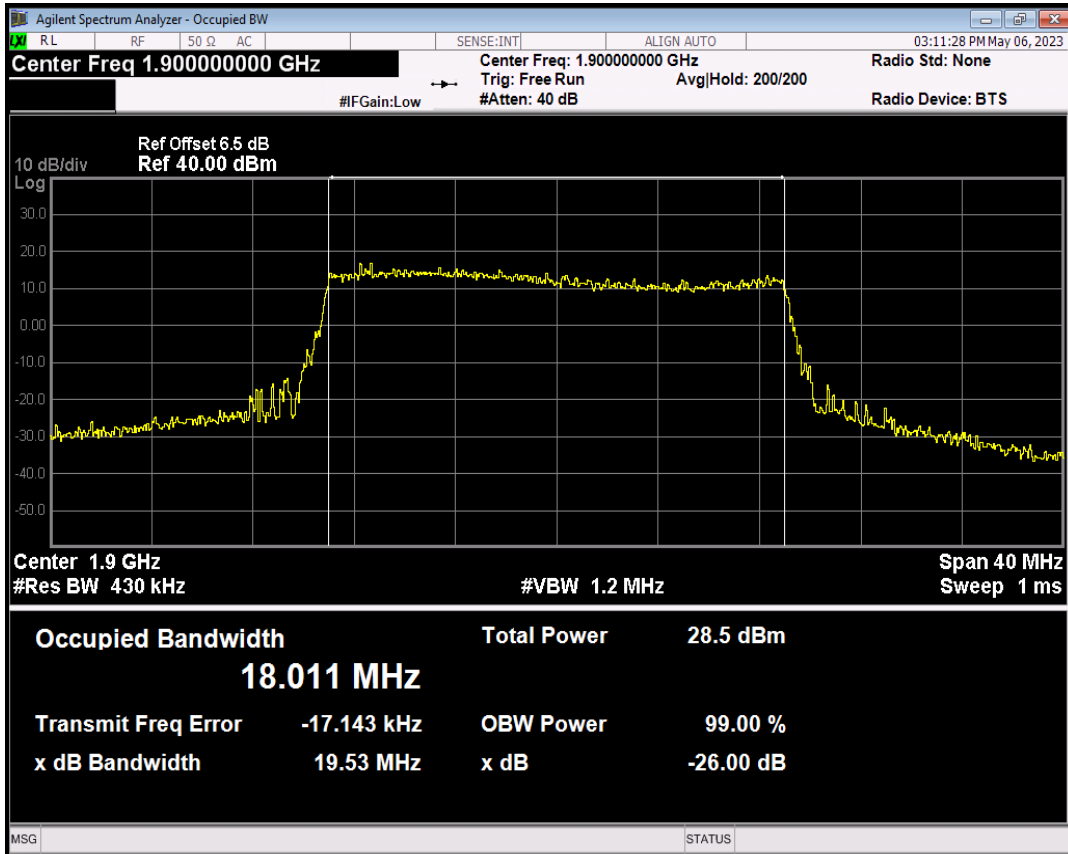
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



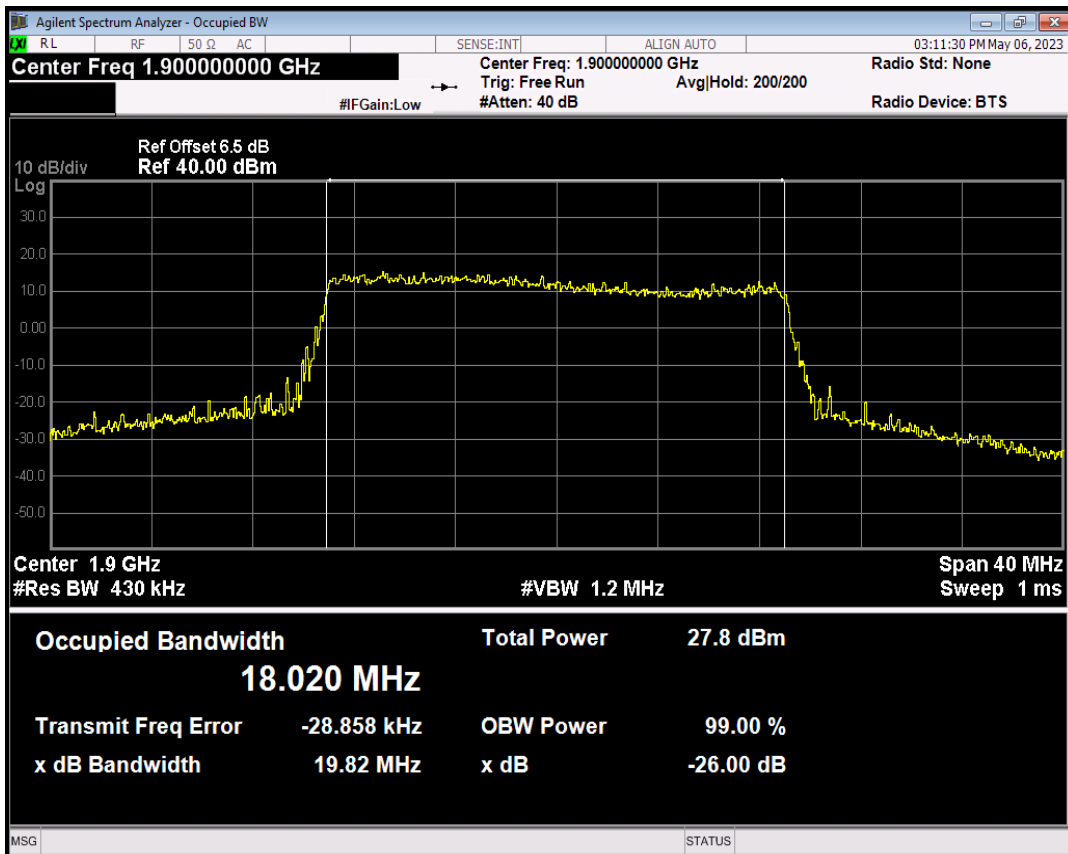
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



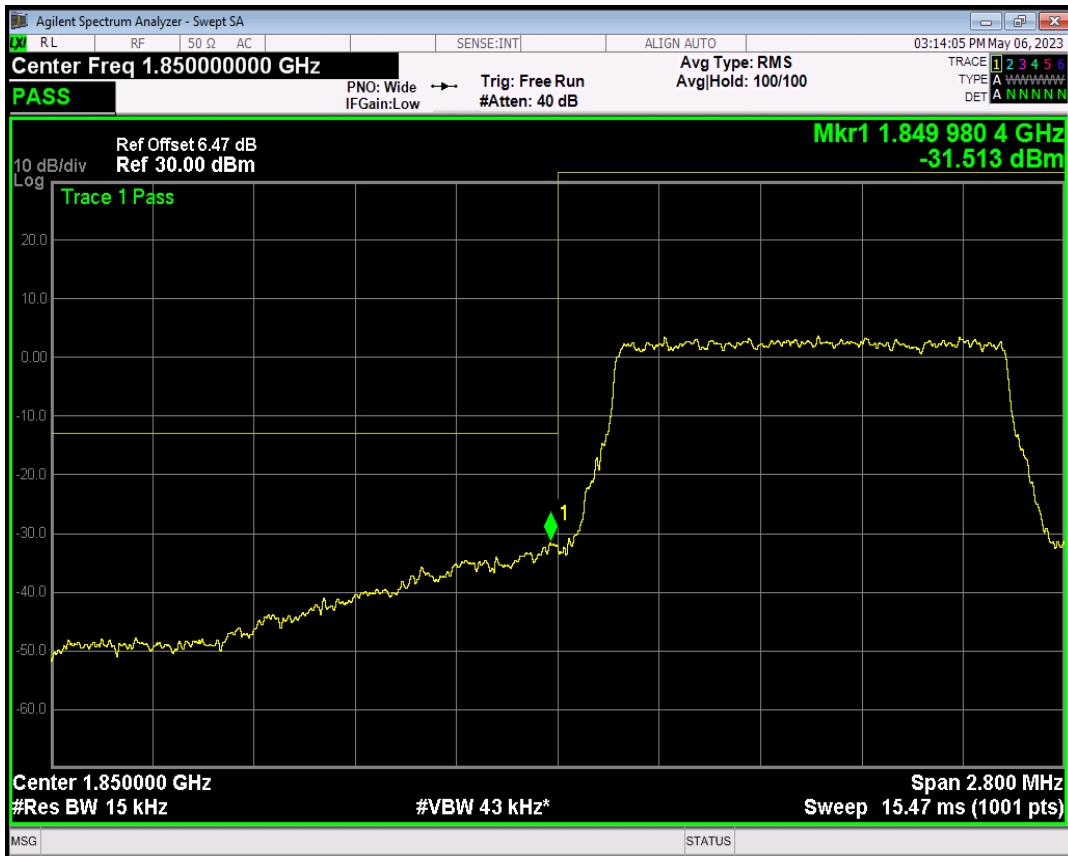
Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0



Appendix 5. Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	1849.98	-31.51	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.99	-33.61	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.01	-30.75	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.01	-32.84	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-26.33	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-29.07	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-26.56	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-26.97	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-30.15	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-33.26	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-30.54	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.05	-31.58	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.98	-35.13	-13	PASS
Band2	10	18650	50	#0	16QAM	1850.00	-35.75	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.64	-34.26	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.10	-33.17	-13	PASS
Band2	15	18675	75	#0	QPSK	1850.00	-36.30	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.82	-34.56	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.00	-32.17	-13	PASS
Band2	15	19125	75	#0	16QAM	1910.00	-33.71	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.88	-35.59	-13	PASS
Band2	20	18700	100	#0	16QAM	1849.96	-34.99	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-33.66	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.12	-33.06	-13	PASS

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



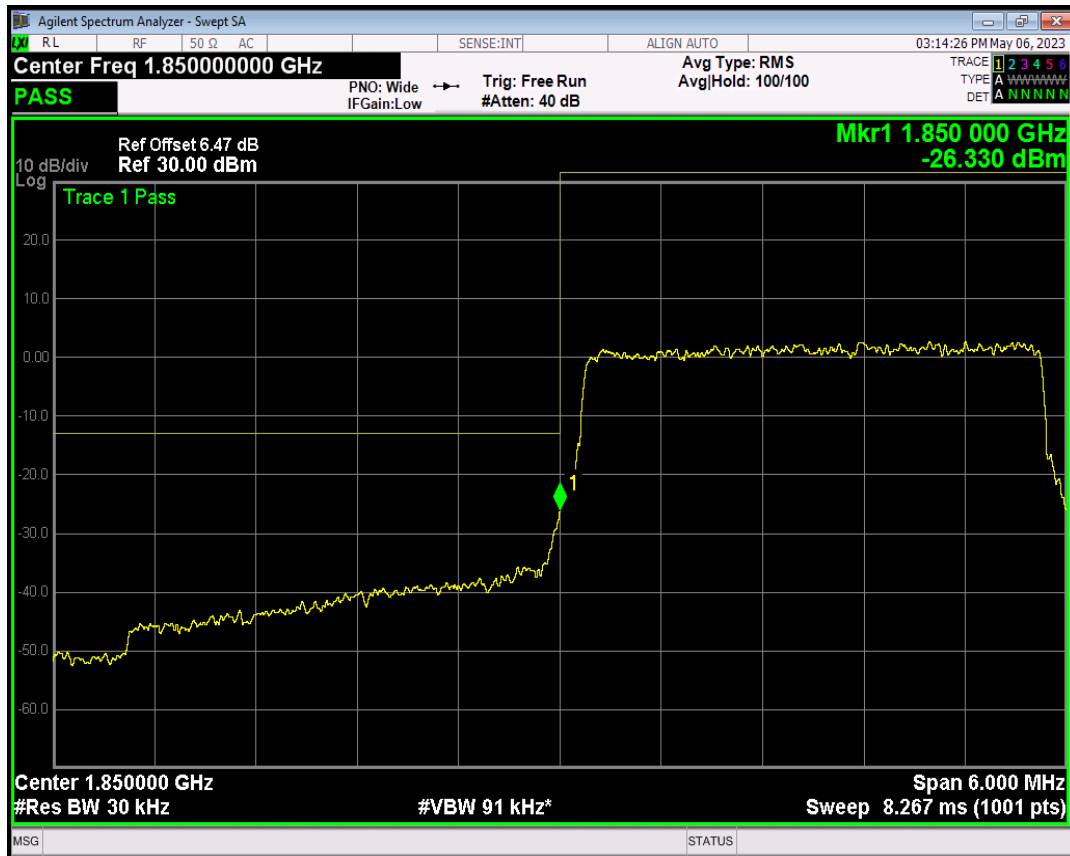
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



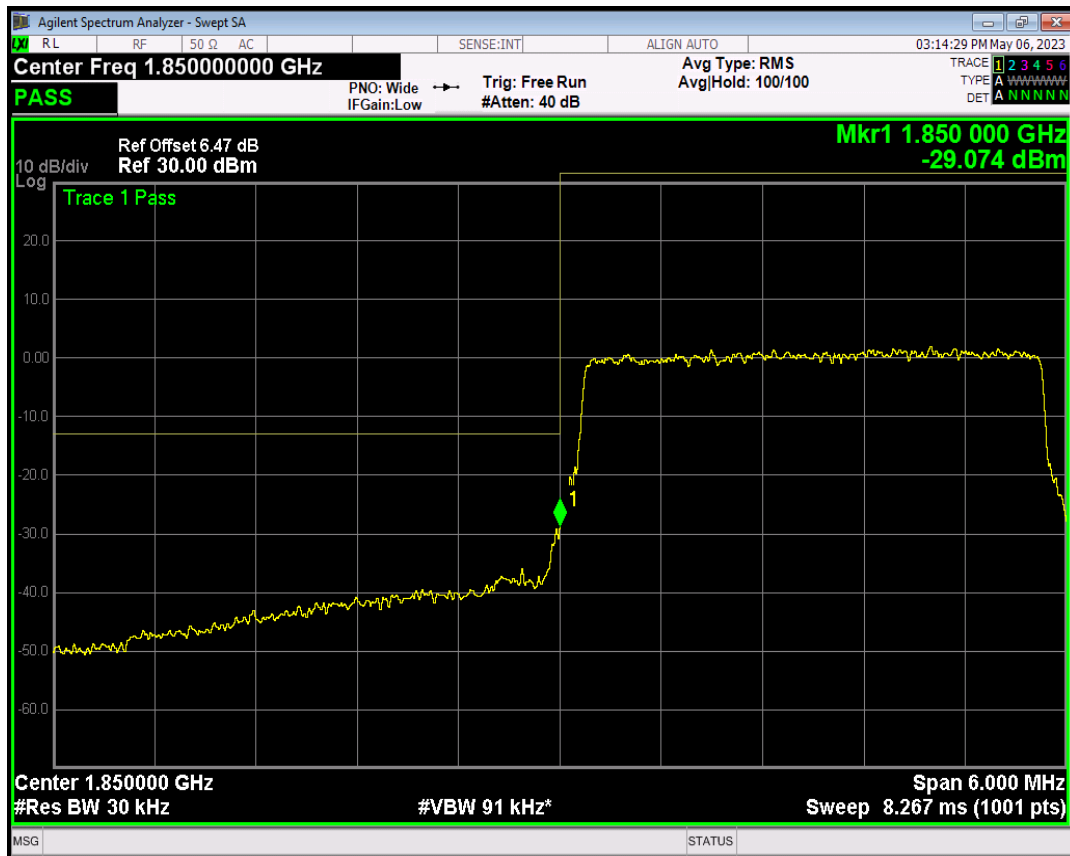
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0



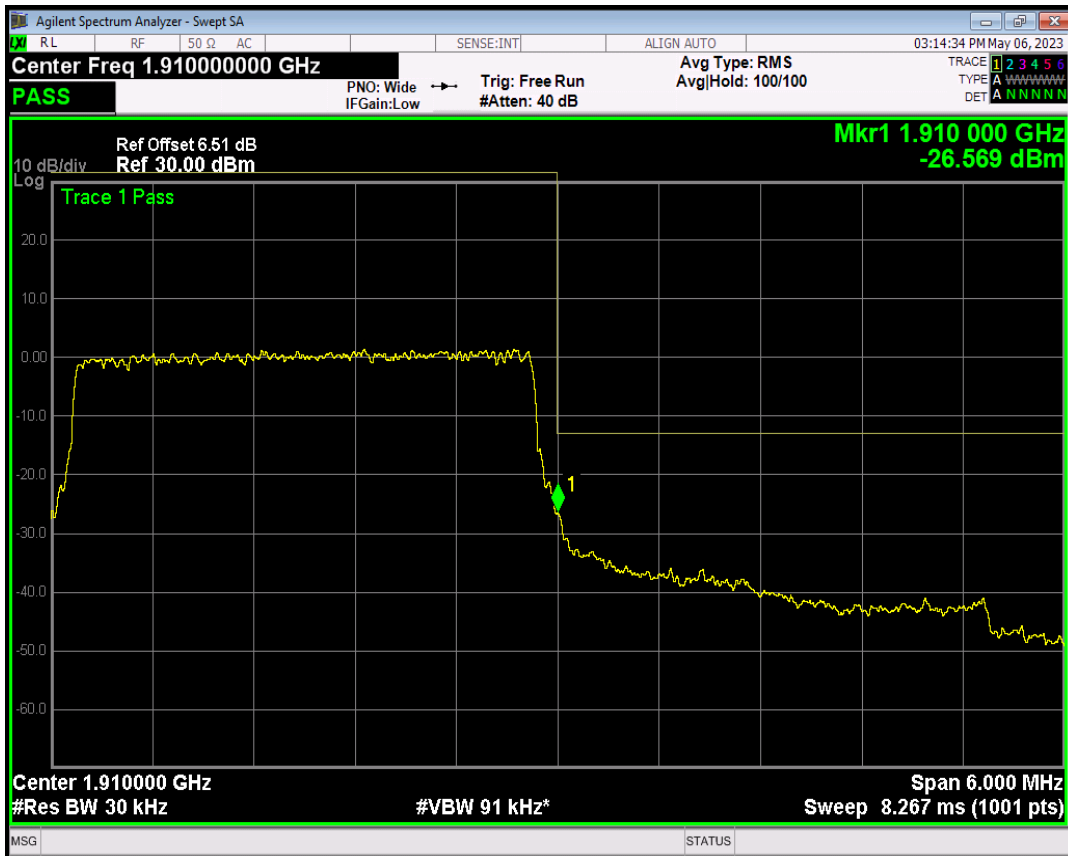
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0



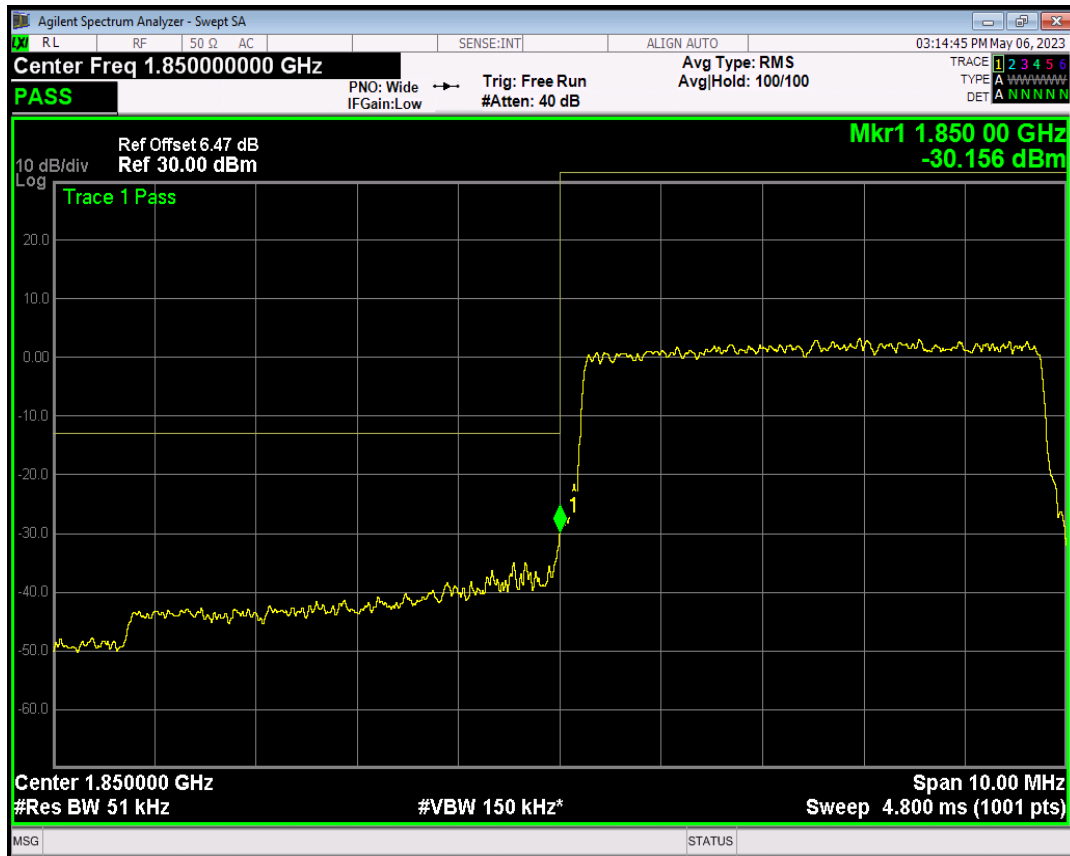
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



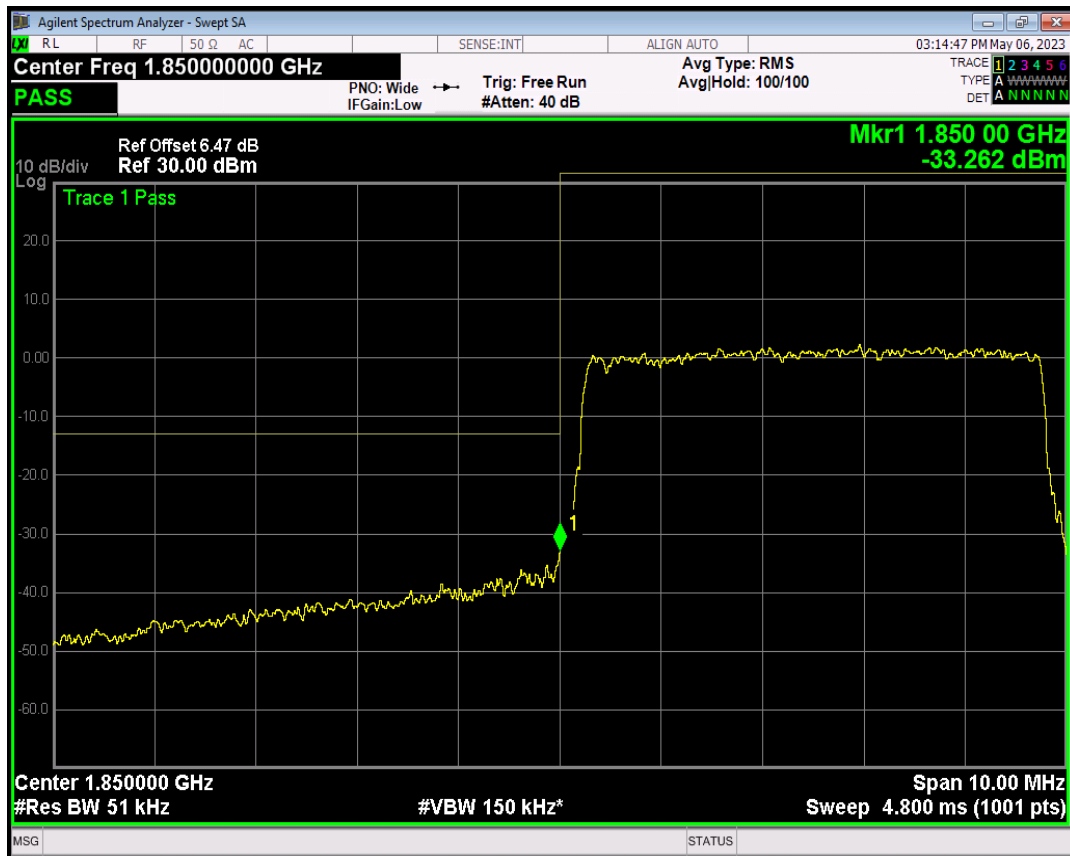
Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



Band2 16QAM BW=5MHz Channel=18625 RB Size=25 Position=#0



Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



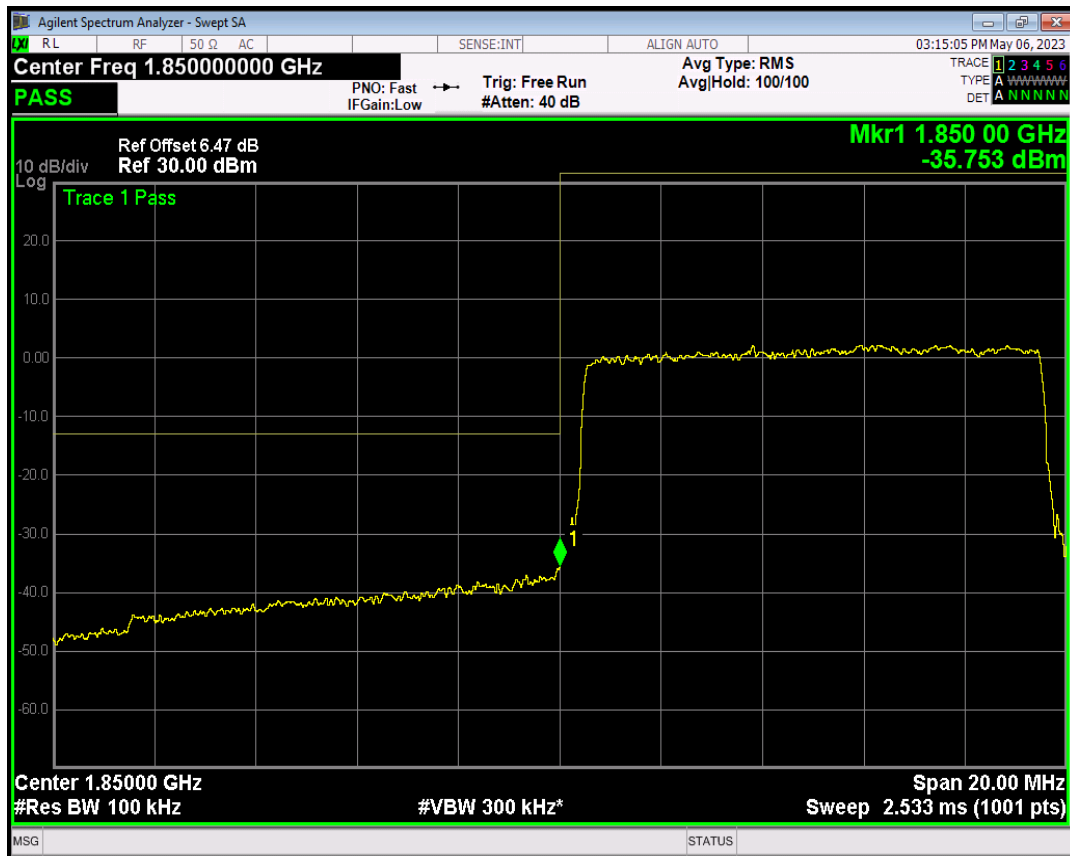
Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0



Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



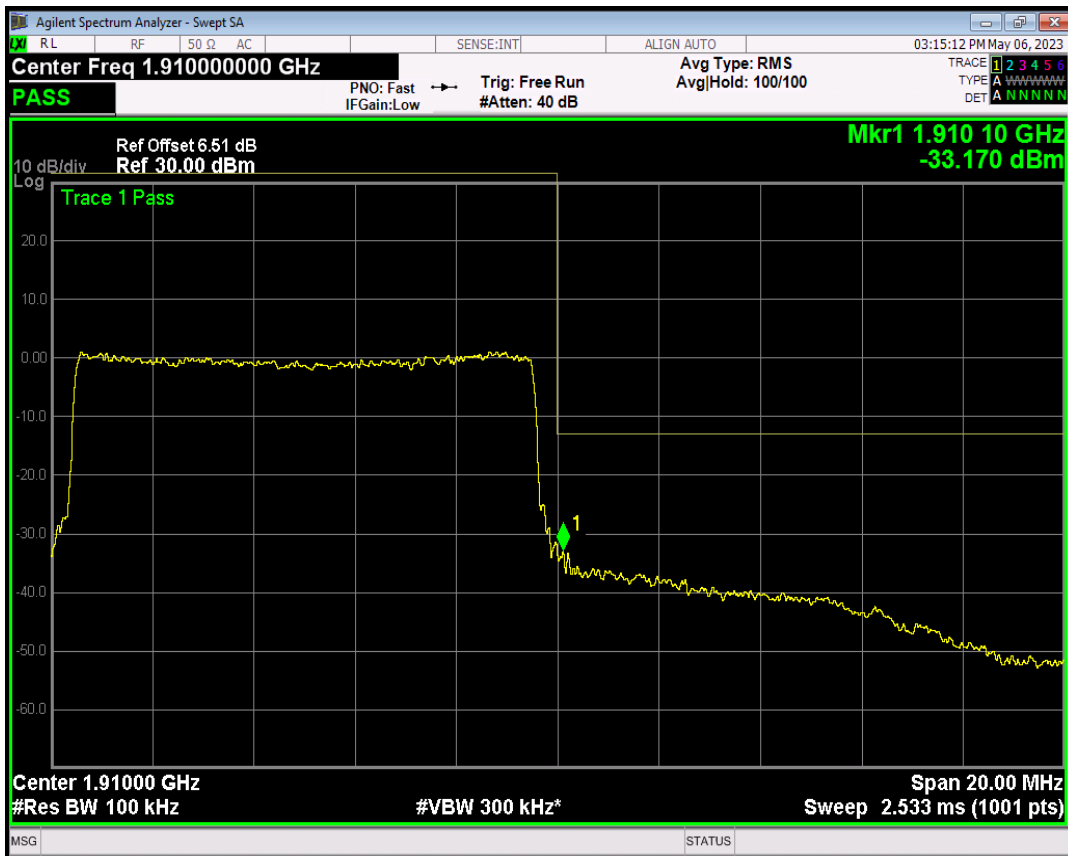
Band2 16QAM BW=10MHz Channel=18650 RB Size=50 Position=#0



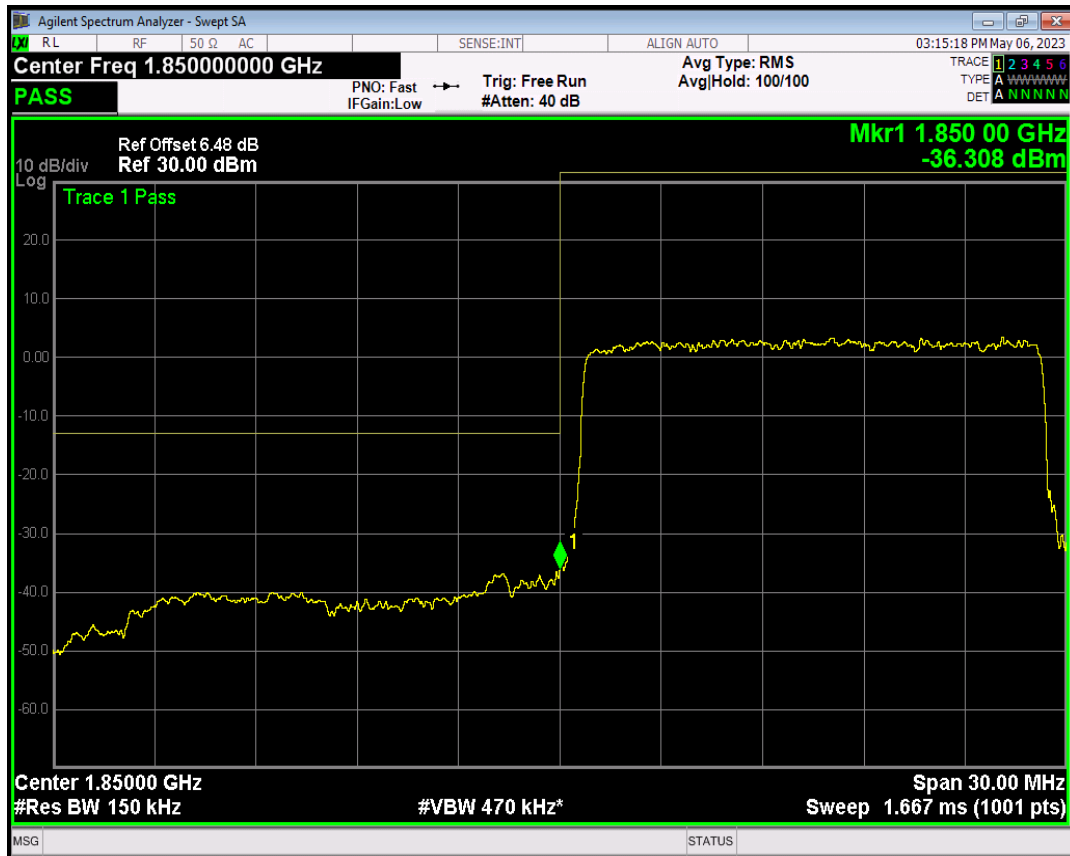
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



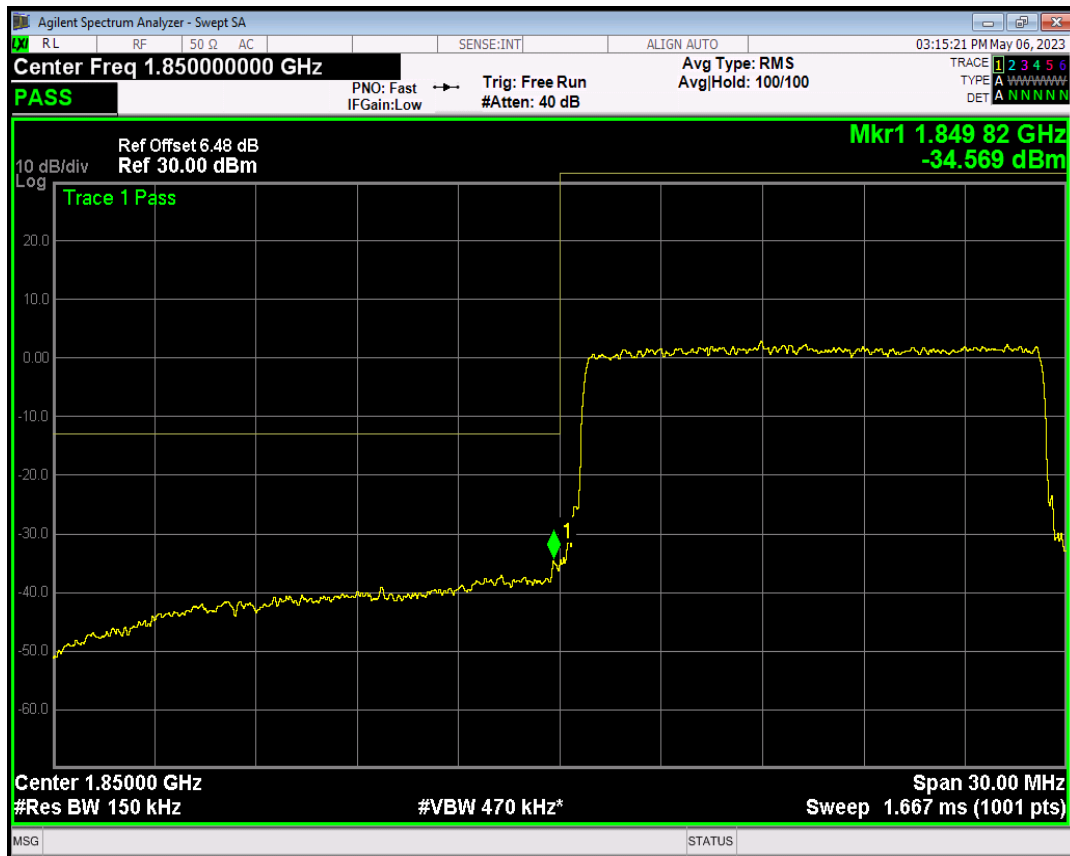
Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



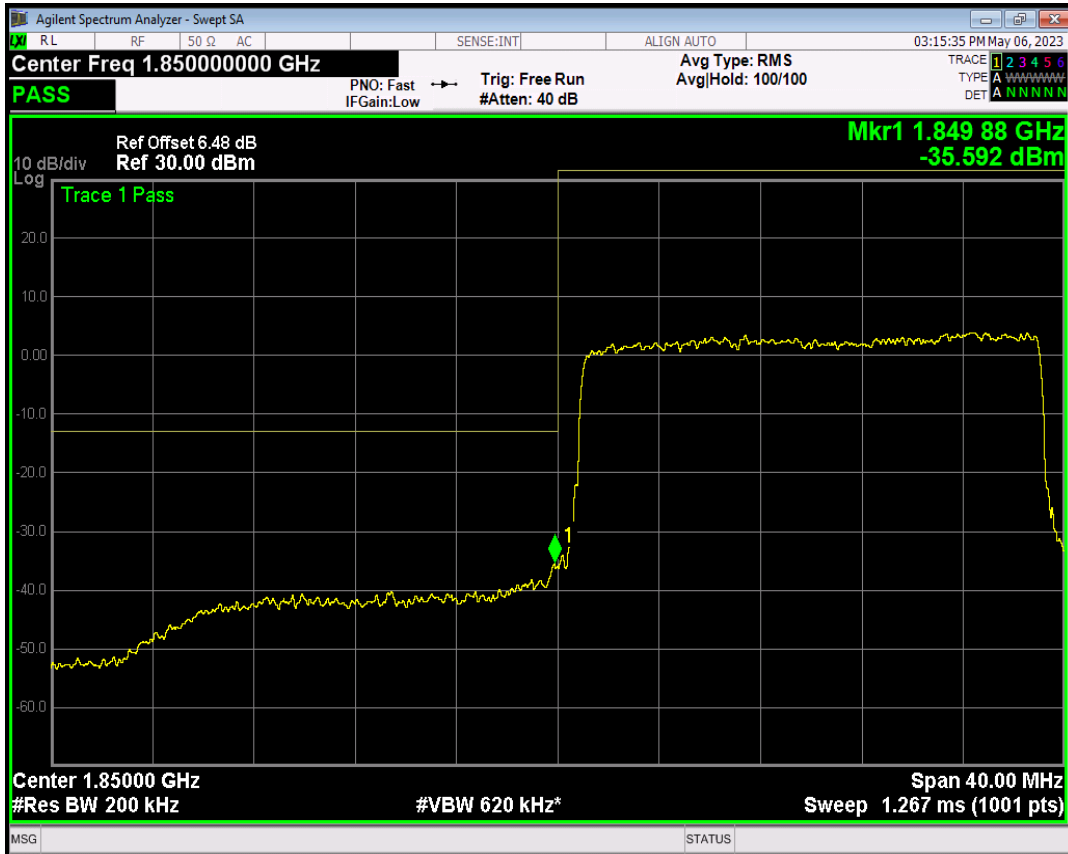
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



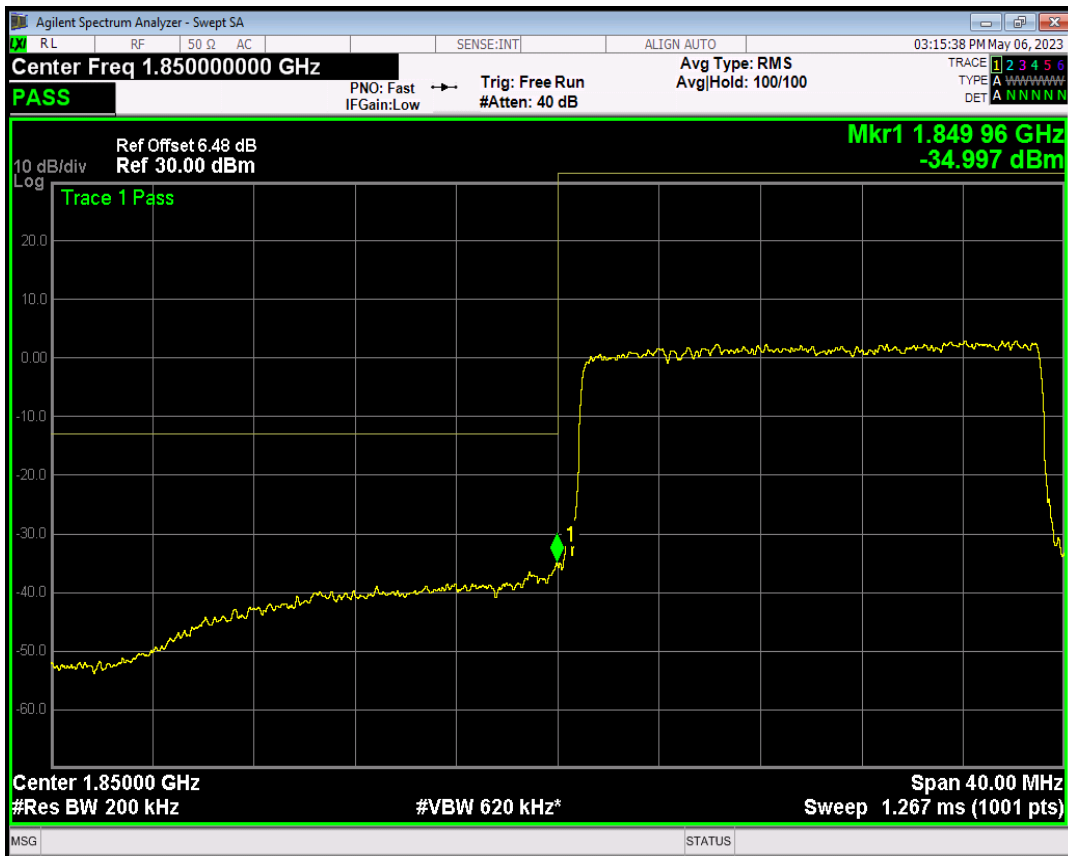
Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0



Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



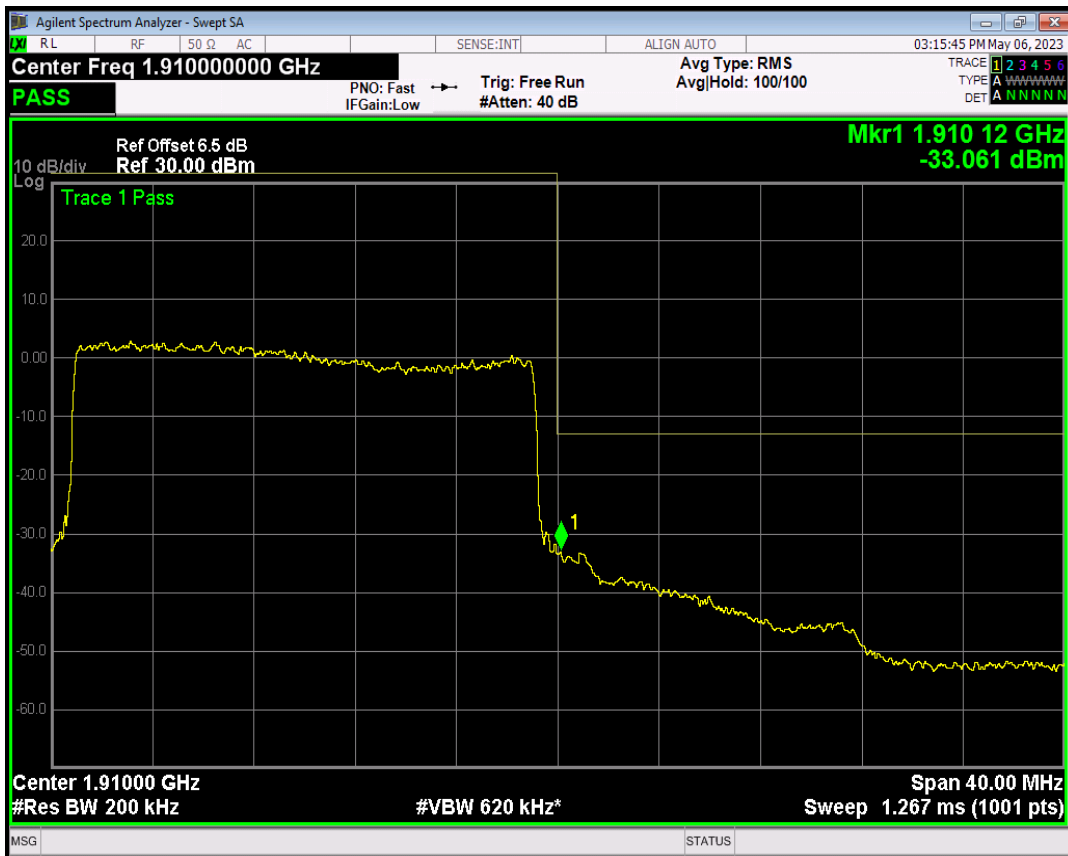
Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0



Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0

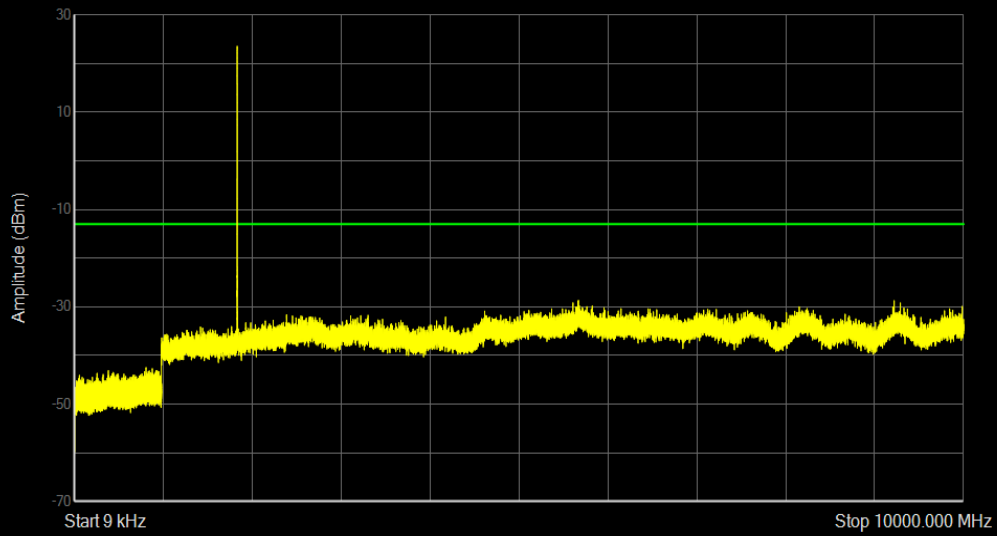


Appendix 6. Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	6	#0	QPSK	5678.65	-28.67	-13	PASS
Band2	1.4	18607	6	#0	16QAM	5664.48	-28.77	-13	PASS
Band2	1.4	18900	6	#0	QPSK	5689.23	-28.67	-13	PASS
Band2	1.4	18900	6	#0	16QAM	8248.38	-29.21	-13	PASS
Band2	1.4	19193	6	#0	QPSK	5657.73	-28.27	-13	PASS
Band2	1.4	19193	6	#0	16QAM	5502.93	-29.24	-13	PASS
Band2	3	18615	15	#0	QPSK	5690.35	-28.71	-13	PASS
Band2	3	18615	15	#0	16QAM	5734.45	-28.99	-13	PASS
Band2	3	18900	15	#0	QPSK	5695.08	-28.93	-13	PASS
Band2	3	18900	15	#0	16QAM	5719.6	-29.49	-13	PASS
Band2	3	19185	15	#0	QPSK	5663.13	-28.68	-13	PASS
Band2	3	19185	15	#0	16QAM	6158.58	-28.98	-13	PASS
Band2	5	18625	25	#0	QPSK	5692.38	-28.08	-13	PASS
Band2	5	18625	25	#0	16QAM	5729.95	-29.25	-13	PASS
Band2	5	18900	25	#0	QPSK	7128.78	-28.75	-13	PASS
Band2	5	18900	25	#0	16QAM	5670.1	-29.34	-13	PASS
Band2	5	19175	25	#0	QPSK	8252.88	-28.68	-13	PASS
Band2	5	19175	25	#0	16QAM	5634.78	-29.19	-13	PASS
Band2	10	18650	50	#0	QPSK	8229.03	-28.99	-13	PASS
Band2	10	18650	50	#0	QPSK	5811.18	-28.99	-13	PASS
Band2	10	18900	50	#0	QPSK	5710.6	-28.69	-13	PASS
Band2	10	18900	50	#0	16QAM	5685.18	-28.66	-13	PASS
Band2	10	19150	50	#0	QPSK	5673.7	-28.58	-13	PASS
Band2	10	19150	50	#0	16QAM	5676.18	-29.08	-13	PASS
Band2	15	18675	75	#0	QPSK	7038.55	-29.18	-13	PASS
Band2	15	18675	75	#0	16QAM	5765.05	-29.18	-13	PASS
Band2	15	18900	75	#0	QPSK	5669.43	-29.06	-13	PASS
Band2	15	18900	75	#0	16QAM	5659.98	-29.59	-13	PASS
Band2	15	19125	75	#0	QPSK	8209.9	-28.87	-13	PASS
Band2	15	19125	75	#0	16QAM	5783.5	-28.8	-13	PASS
Band2	20	18700	100	#0	QPSK	5949.1	-28.76	-13	PASS
Band2	20	18700	100	#0	16QAM	5638.83	-28.67	-13	PASS
Band2	20	18900	100	#0	QPSK	5664.25	-28.98	-13	PASS
Band2	20	18900	100	#0	16QAM	5706.55	-28.94	-13	PASS
Band2	20	19100	100	#0	QPSK	5710.15	-29.07	-13	PASS
Band2	20	19100	100	#0	16QAM	5649.4	-29.26	-13	PASS

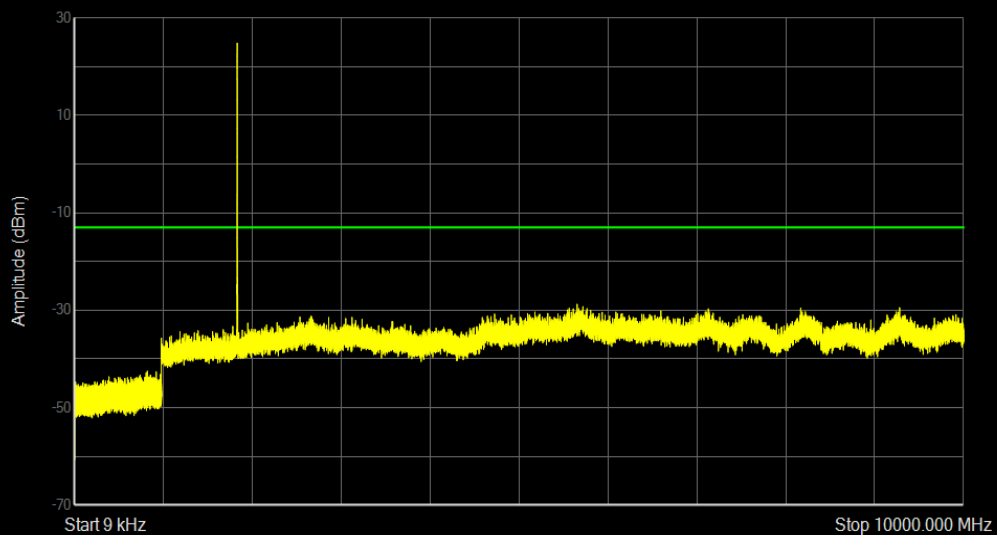


Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009130425	-40.02	-13
2	0.15	30	10	0.15522375	-40.44	-13
3	30	1000	100	828.3585	-42.48	-13
4	1000	10000	1000	5678.65	-28.67	-13

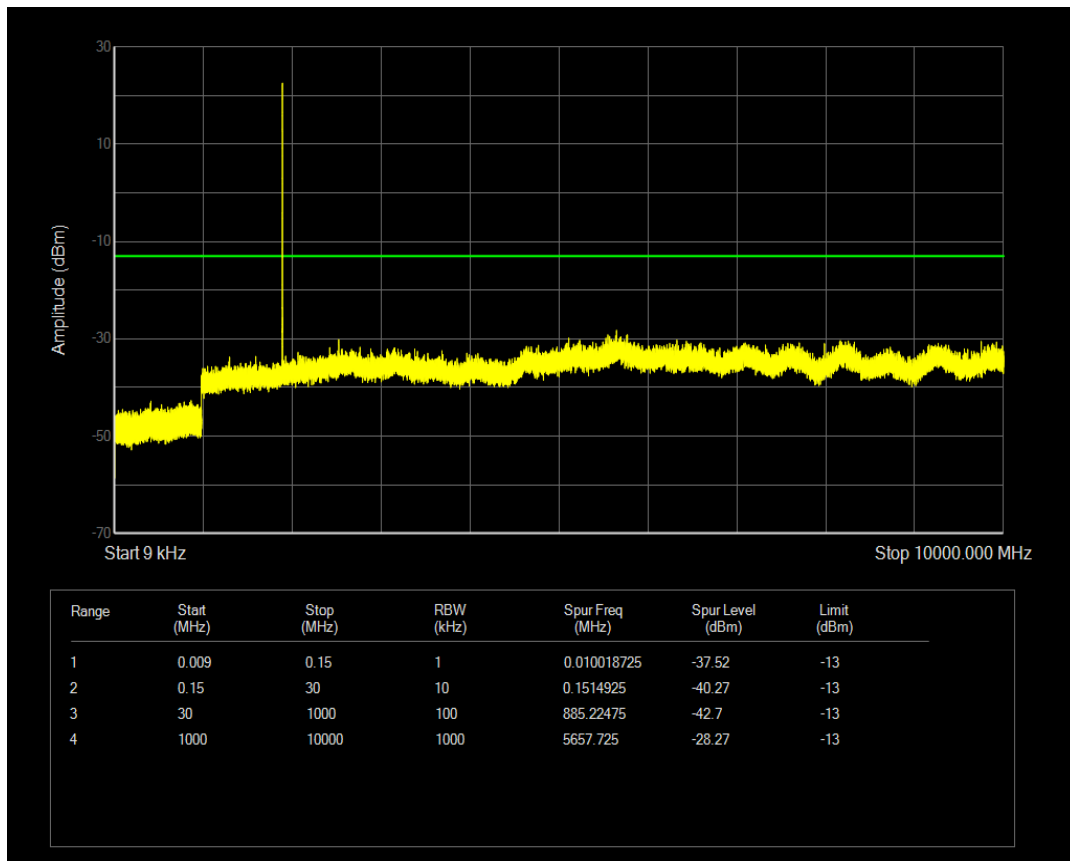
Band2 16QAM BW=1.4MHz Channel=18607 RB Size=6 Position=#0



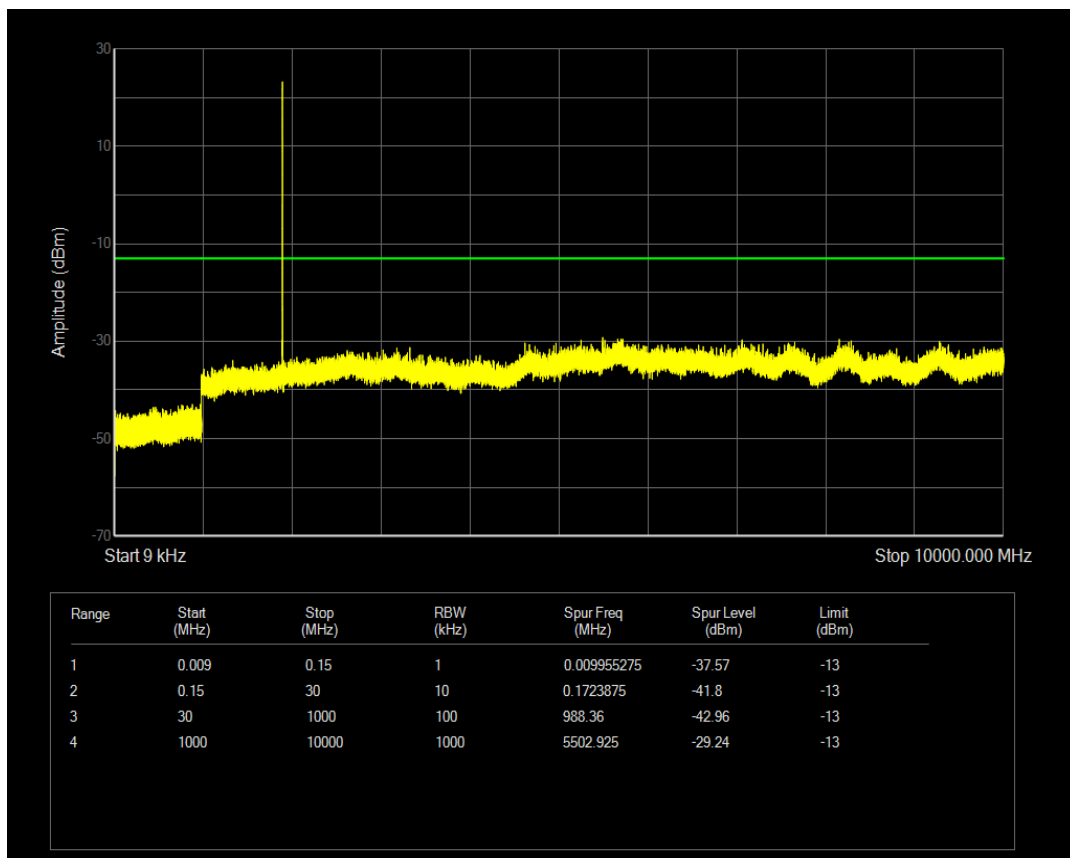
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010603875	-38.19	-13
2	0.15	30	10	0.15074625	-40.02	-13
3	30	1000	100	843.17525	-42.5	-13
4	1000	10000	1000	5664.475	-28.77	-13



Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

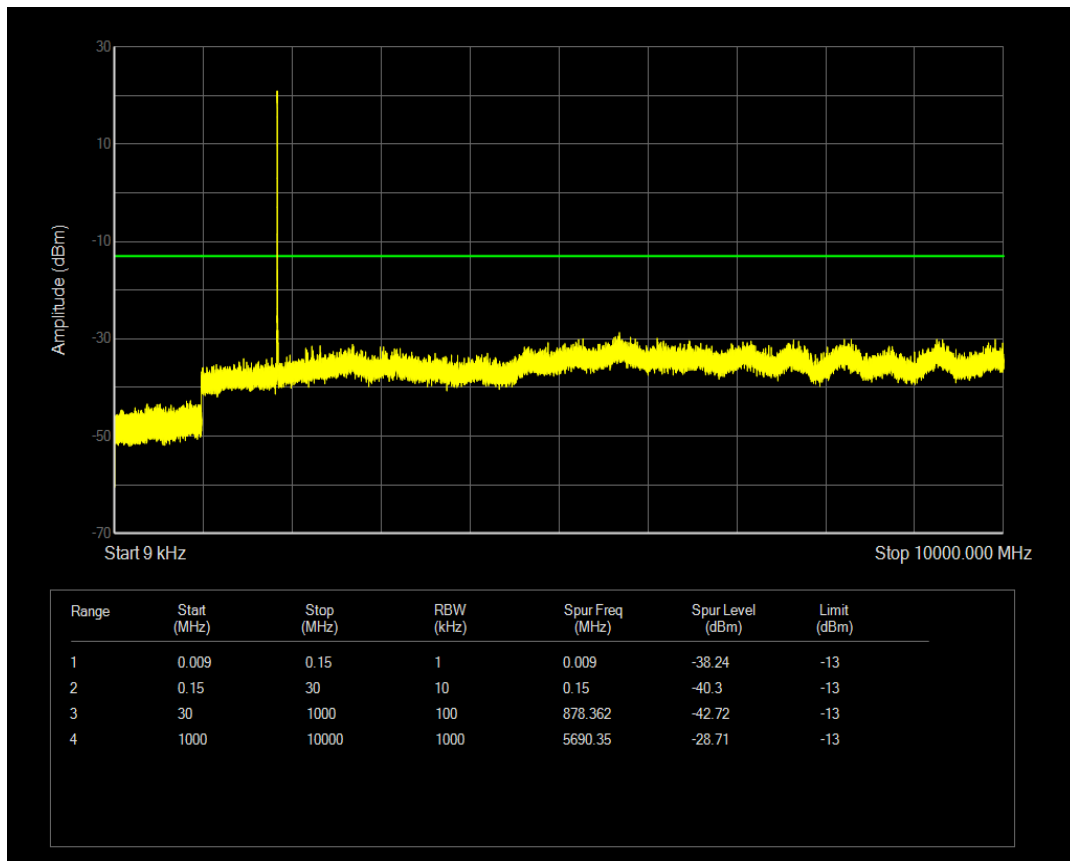


Band2 16QAM BW=1.4MHz Channel=19193 RB Size=6 Position=#0

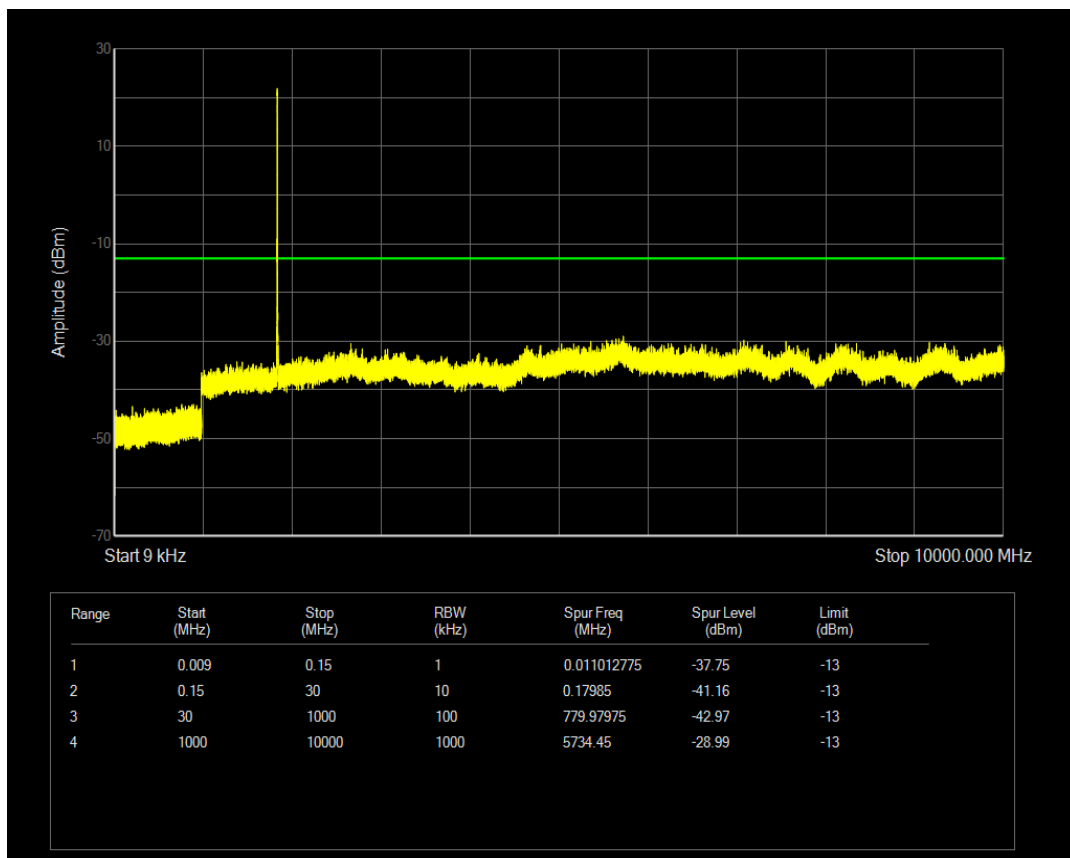




Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0

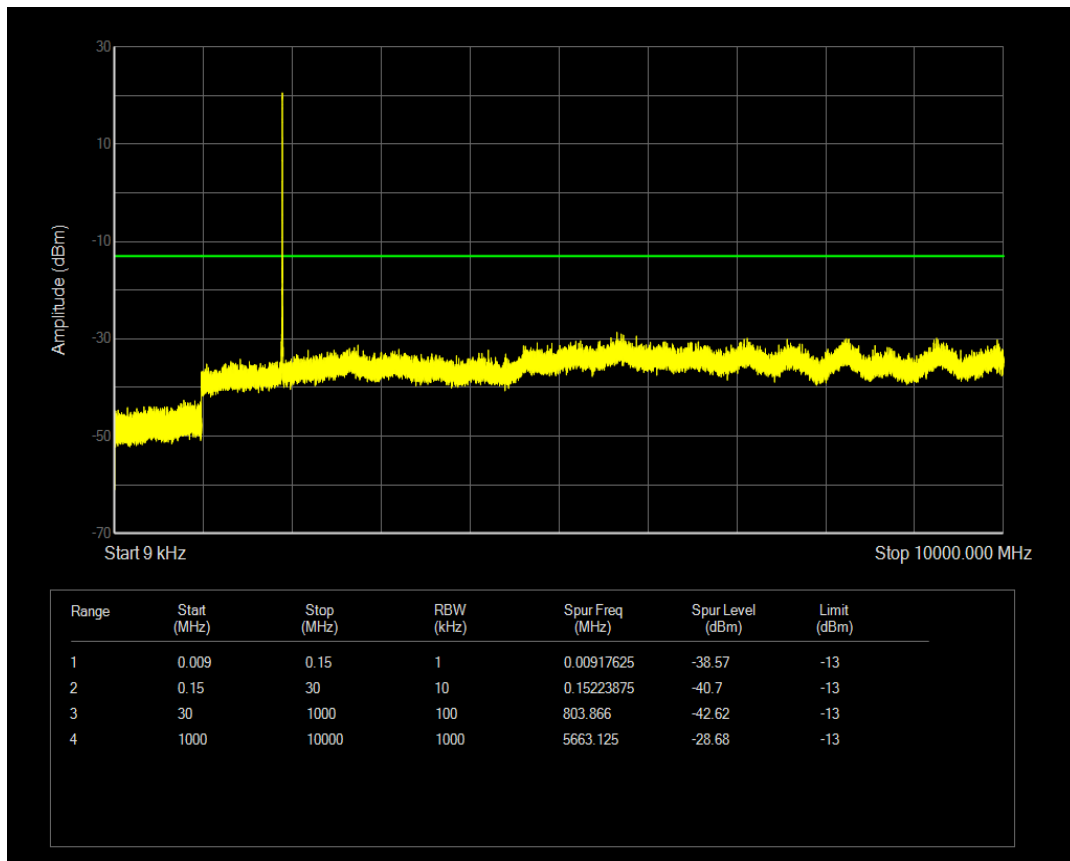


Band2 16QAM BW=3MHz Channel=18615 RB Size=15 Position=#0

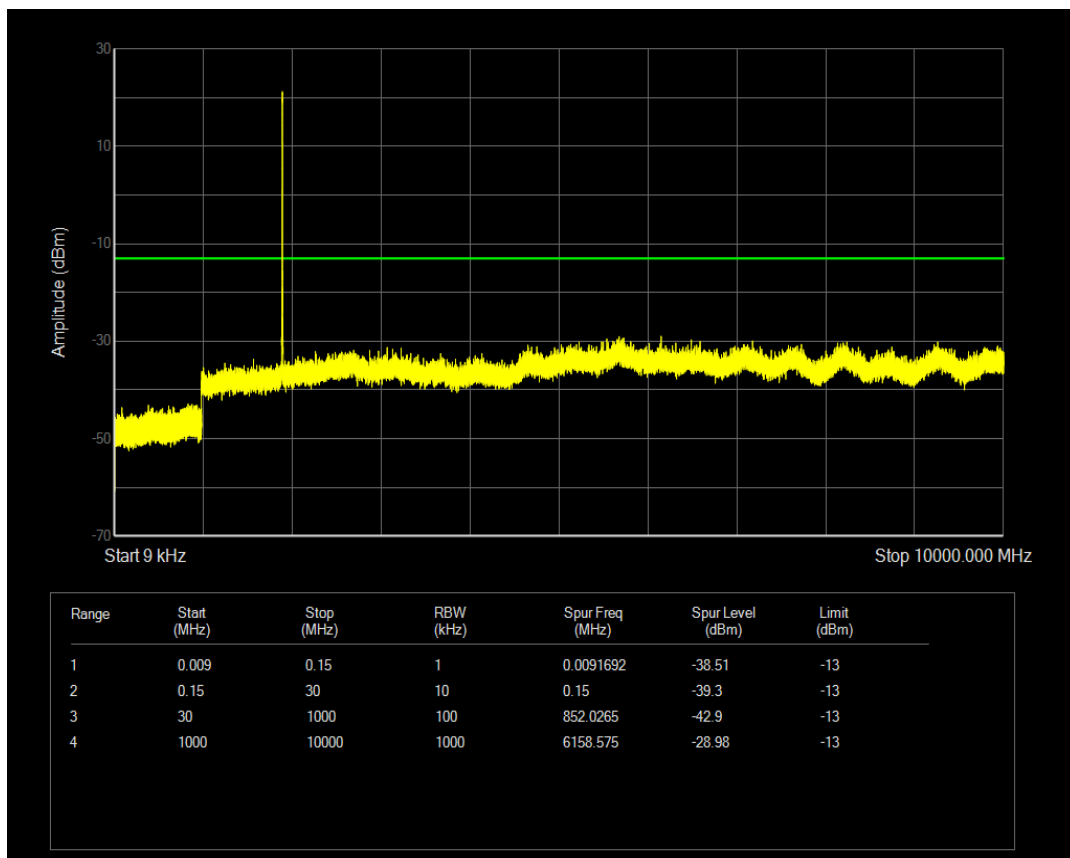




Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0

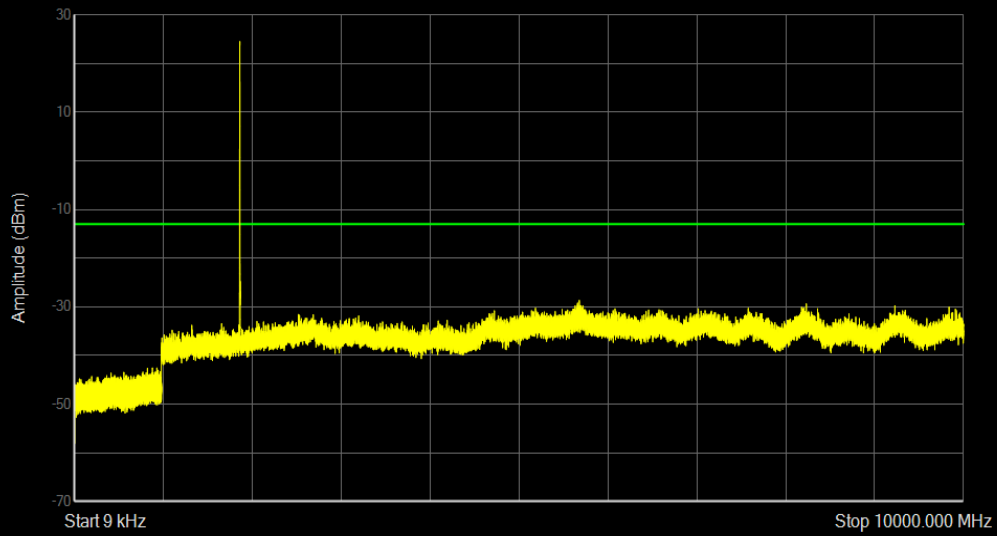


Band2 16QAM BW=3MHz Channel=19185 RB Size=15 Position=#0



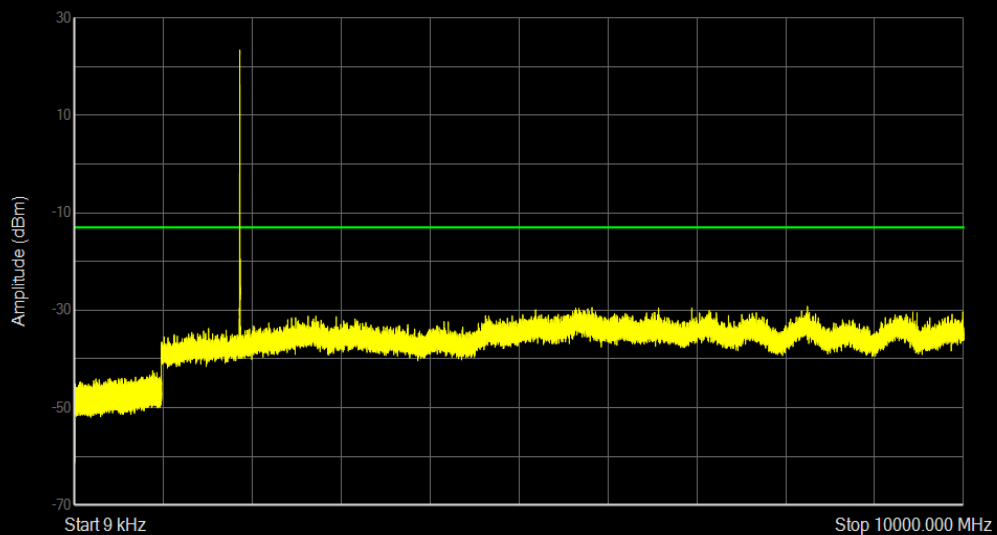


Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00926085	-38.85	-13
2	0.15	30	10	0.16791	-40.36	-13
3	30	1000	100	900.381	-42.56	-13
4	1000	10000	1000	5689.225	-28.67	-13

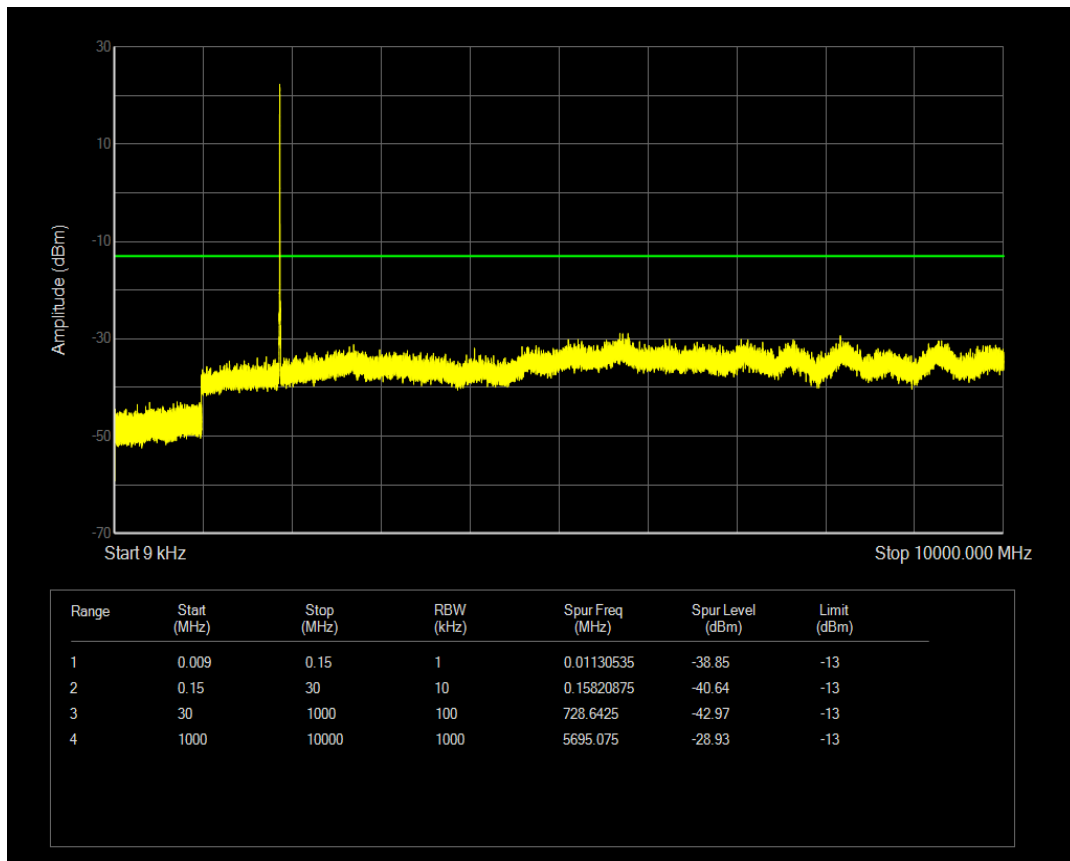
Band2 16QAM BW=1.4MHz Channel=18900 RB Size=6 Position=#0



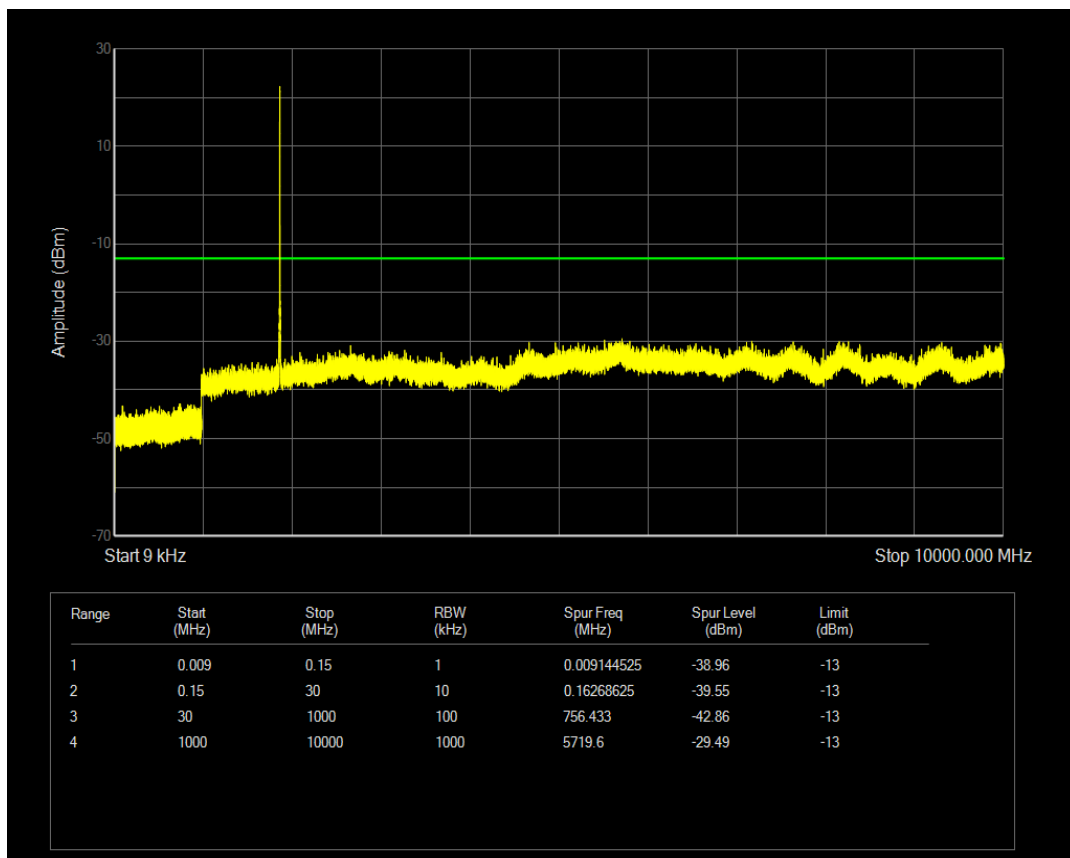
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009997575	-38.66	-13
2	0.15	30	10	0.16417875	-41	-13
3	30	1000	100	902.34525	-42.42	-13
4	1000	10000	1000	8248.375	-29.21	-13



Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0

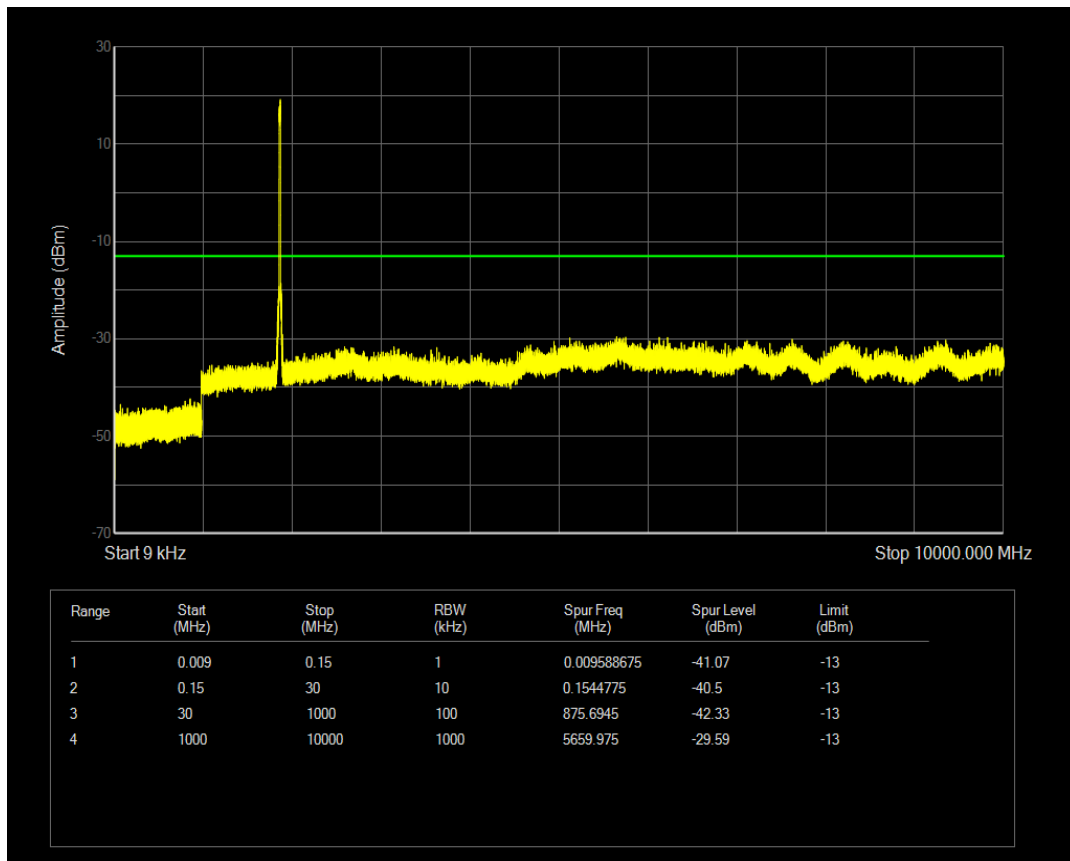


Band2 16QAM BW=3MHz Channel=18900 RB Size=15 Position=#0

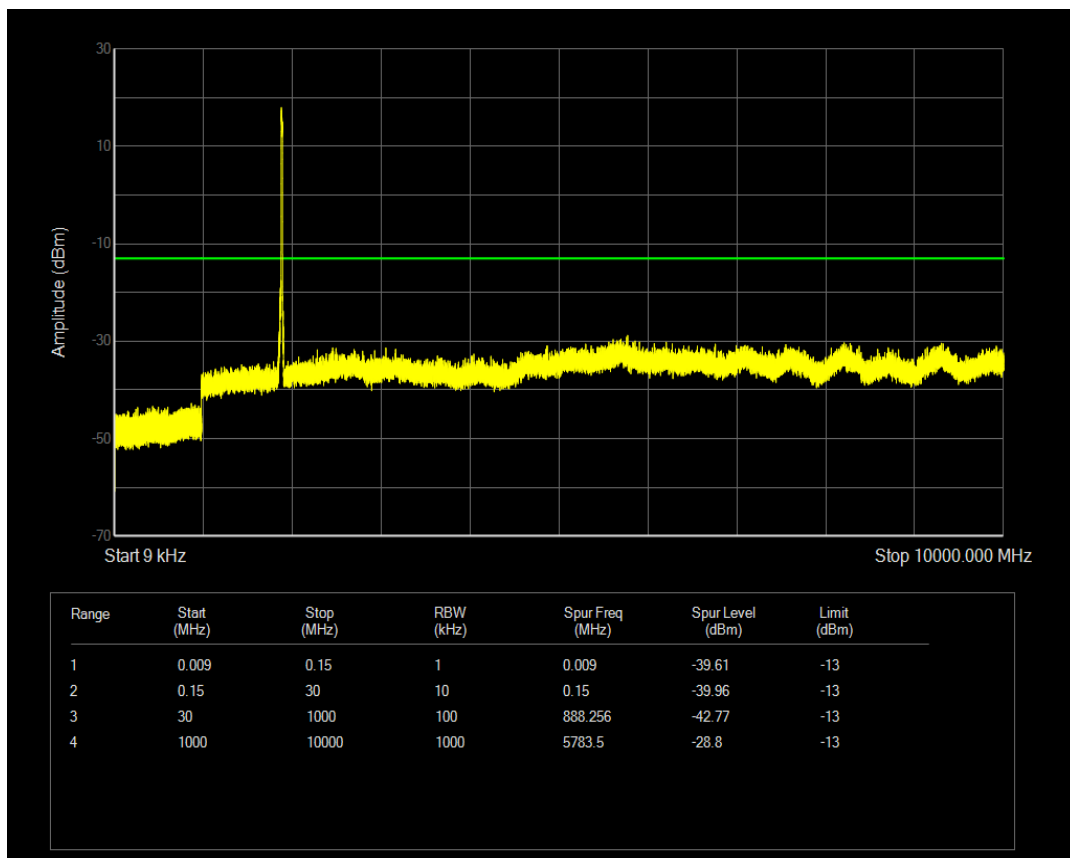




Band2 16QAM BW=15MHz Channel=18900 RB Size=75 Position=#0

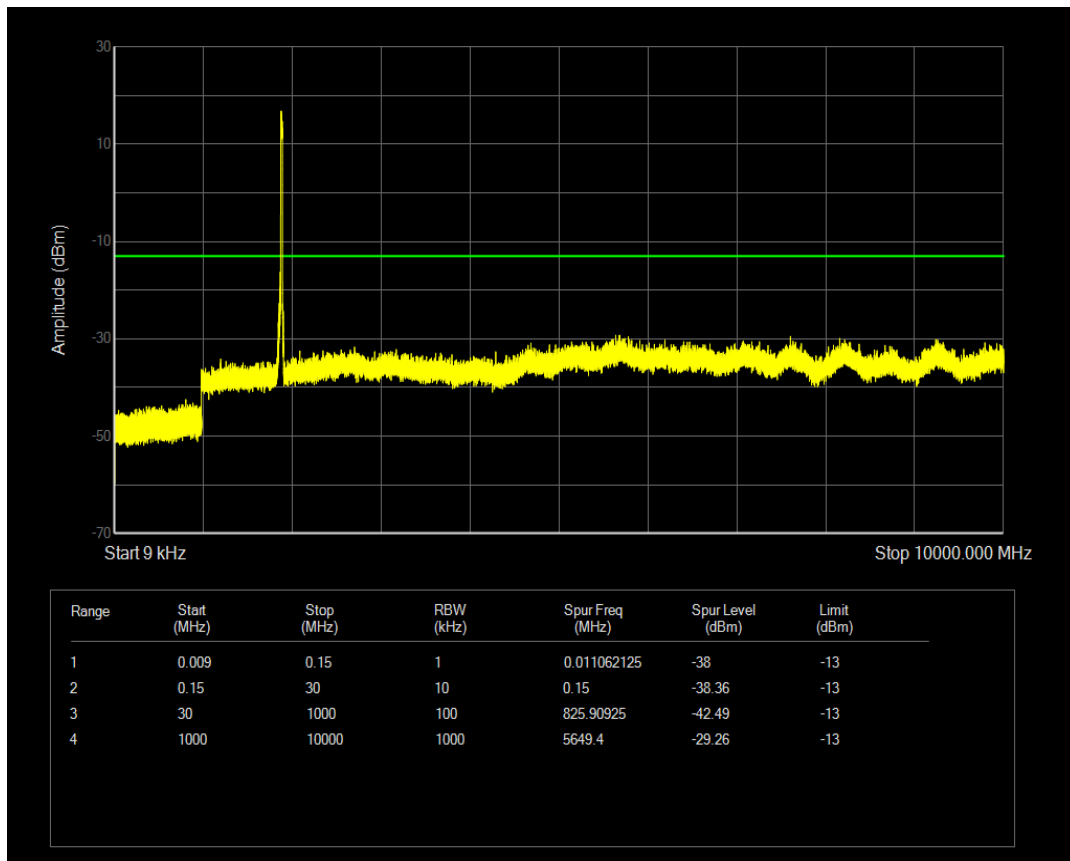


Band2 16QAM BW=15MHz Channel=19125 RB Size=75 Position=#0

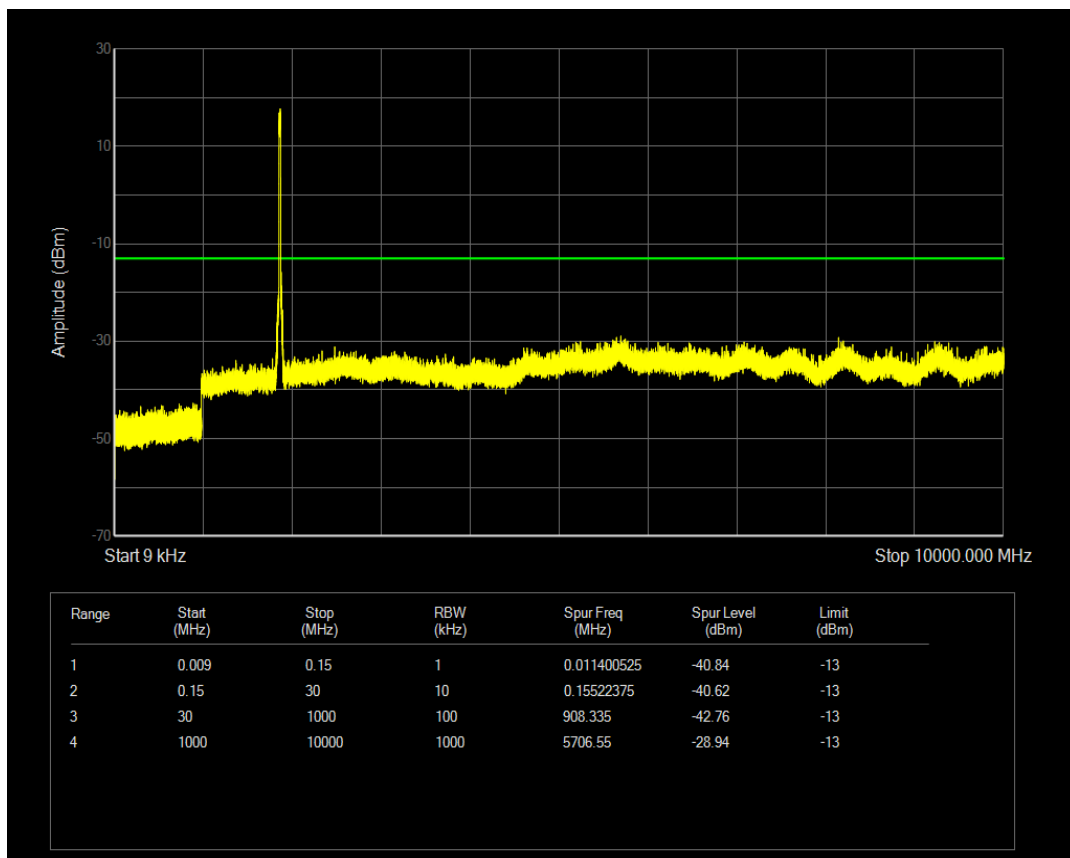




Band2 16QAM BW=20MHz Channel=19100 RB Size=100 Position=#0

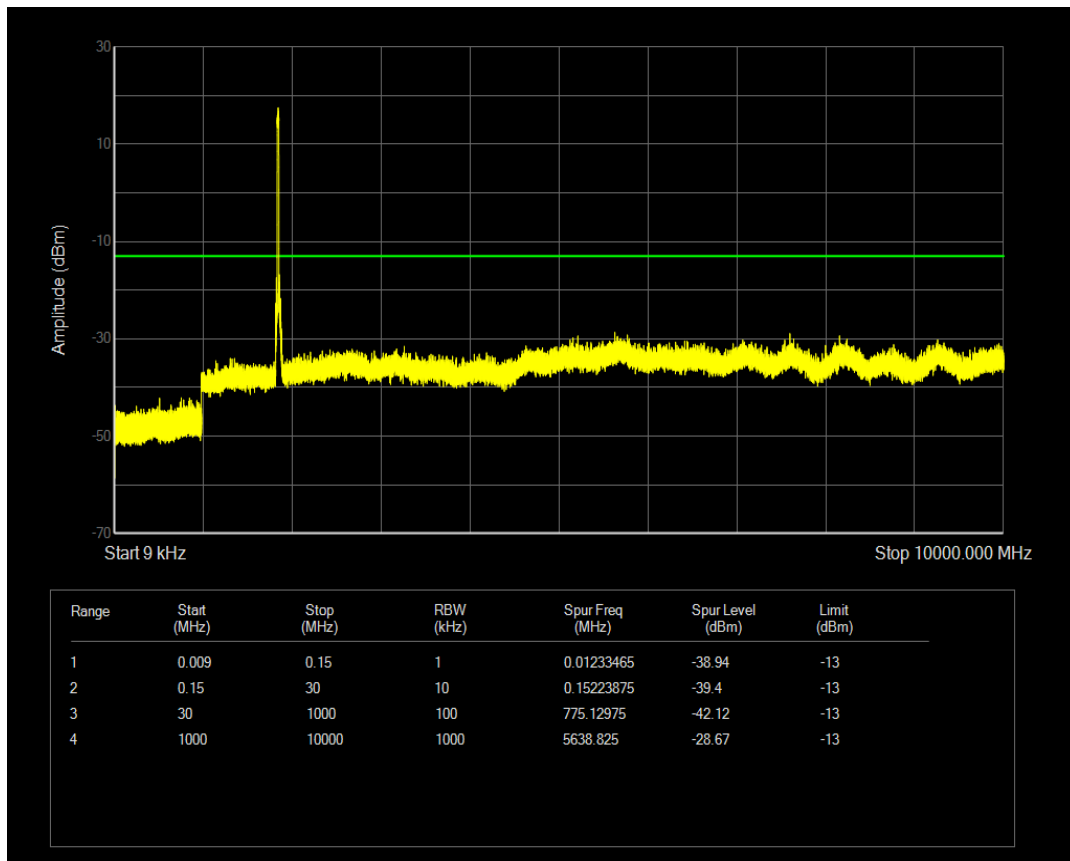


Band2 16QAM BW=20MHz Channel=18900 RB Size=100 Position=#0

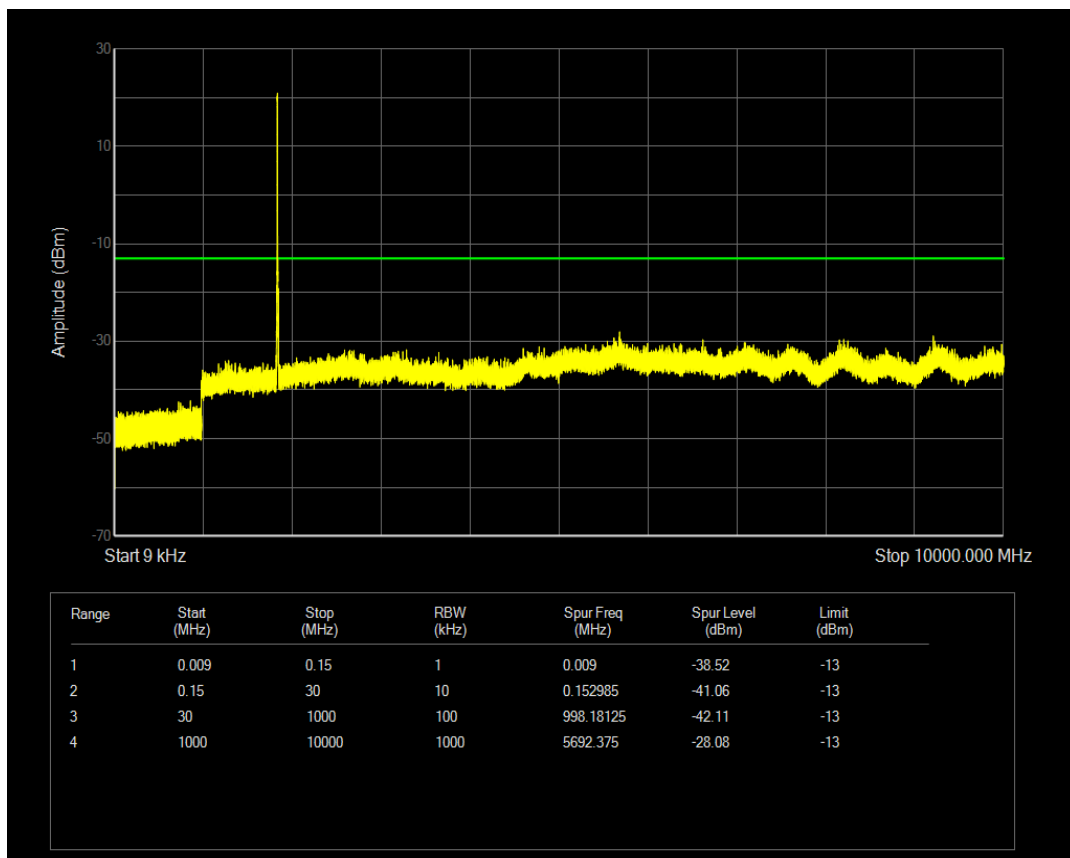




Band2 16QAM BW=20MHz Channel=18700 RB Size=100 Position=#0

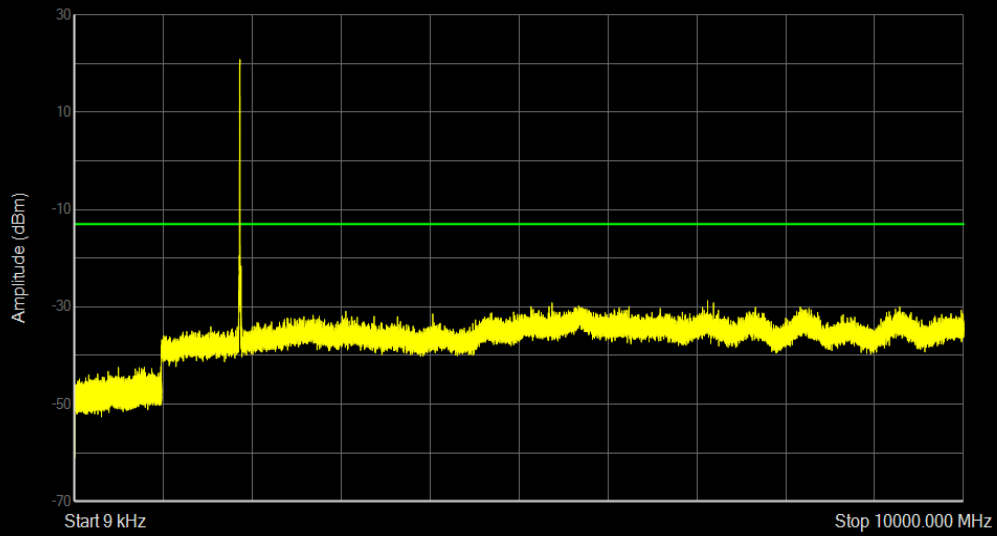


Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



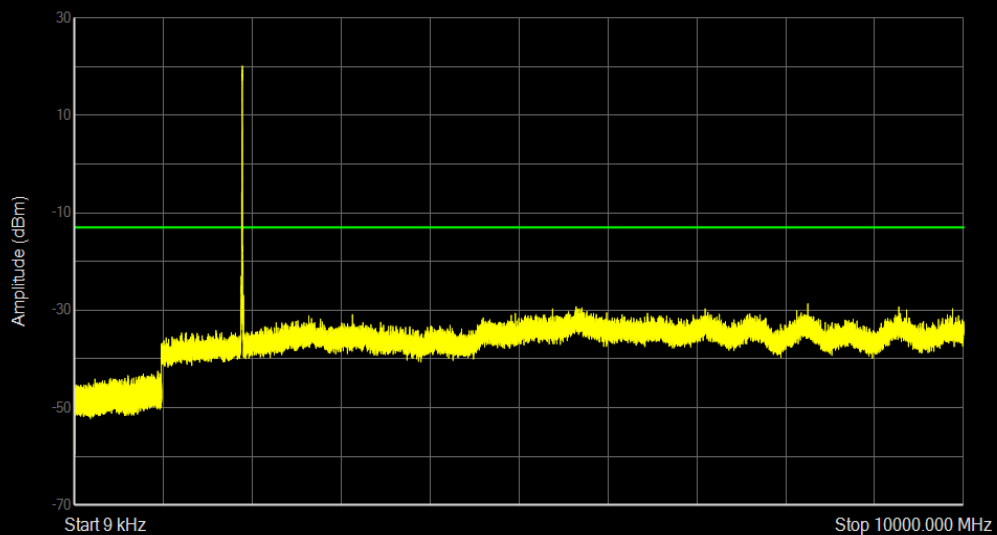


Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100434	-39.38	-13
2	0.15	30	10	0.15	-39.75	-13
3	30	1000	100	996.12	-42.27	-13
4	1000	10000	1000	7128.775	-28.75	-13

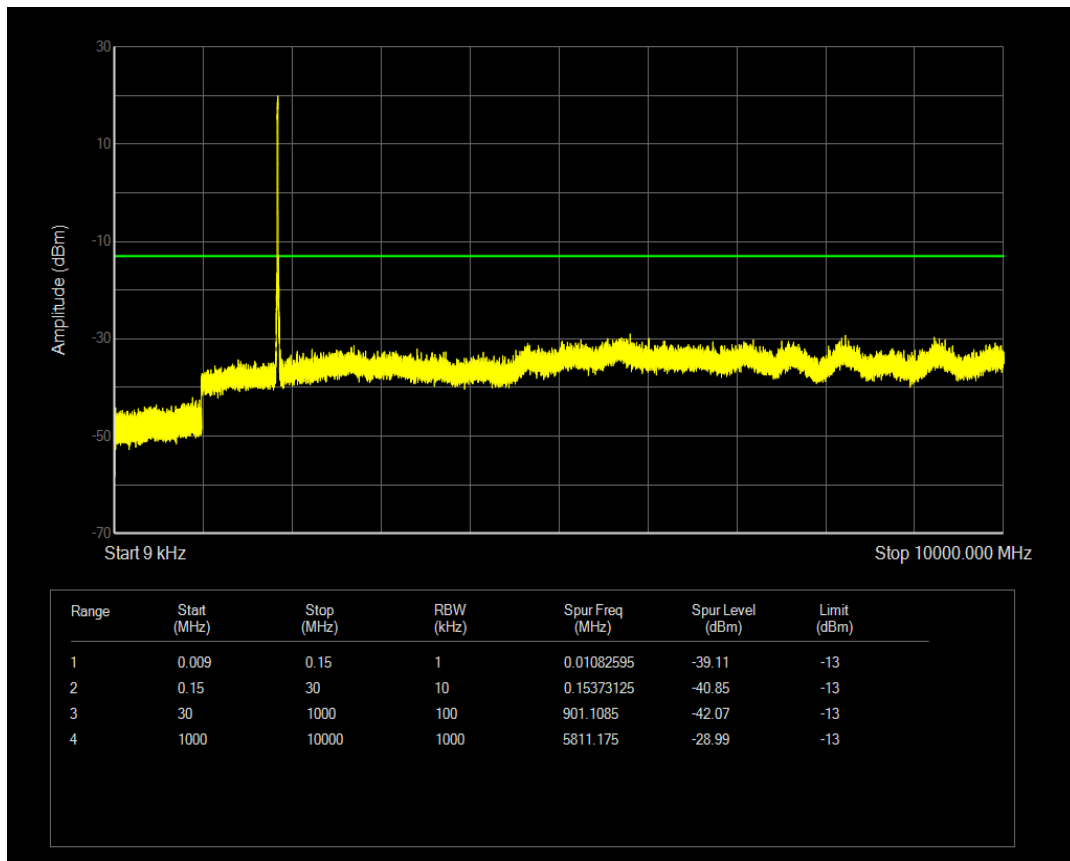
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



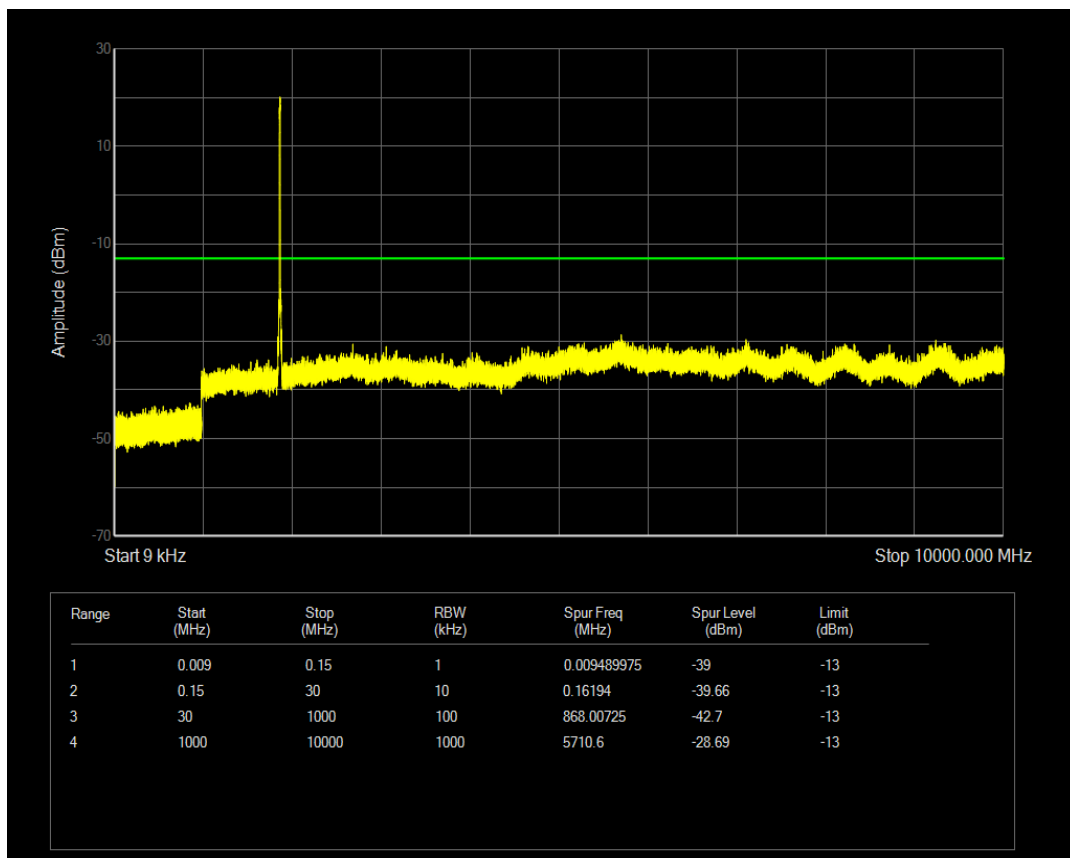
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01012095	-37.35	-13
2	0.15	30	10	0.1604475	-37.74	-13
3	30	1000	100	959.8905	-42.5	-13
4	1000	10000	1000	8252.875	-28.68	-13



Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0

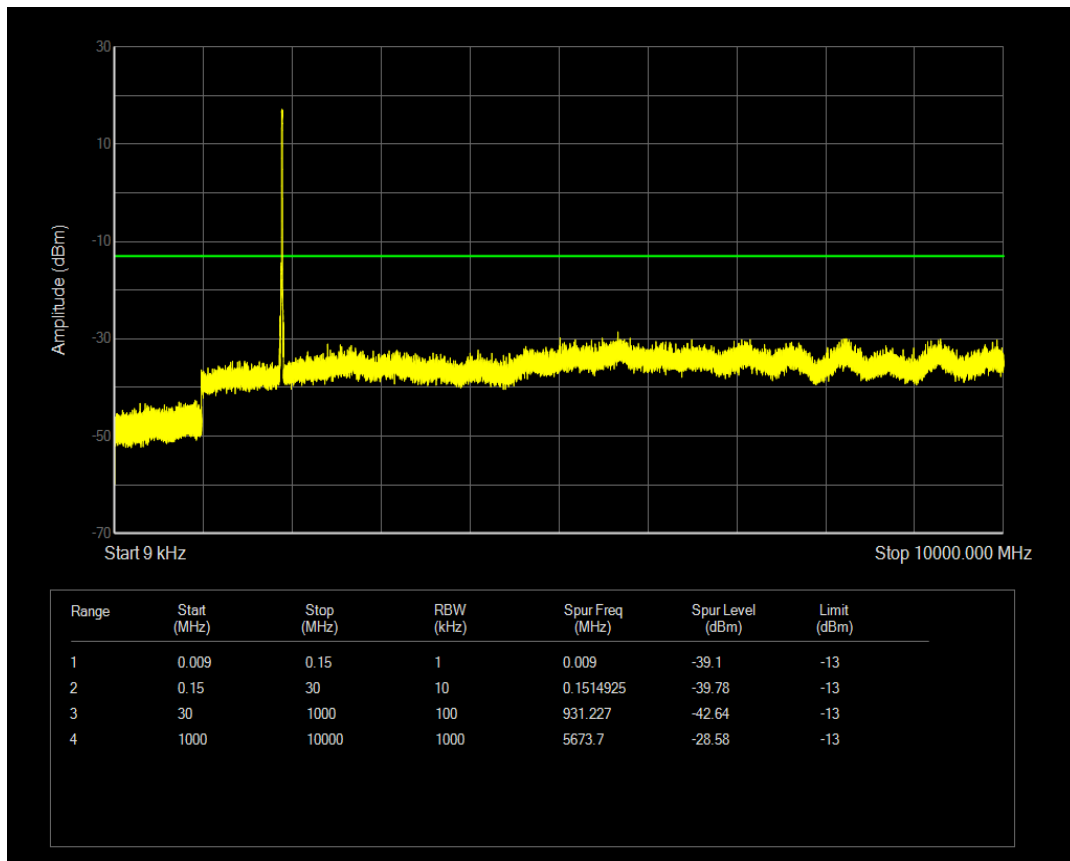


Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0

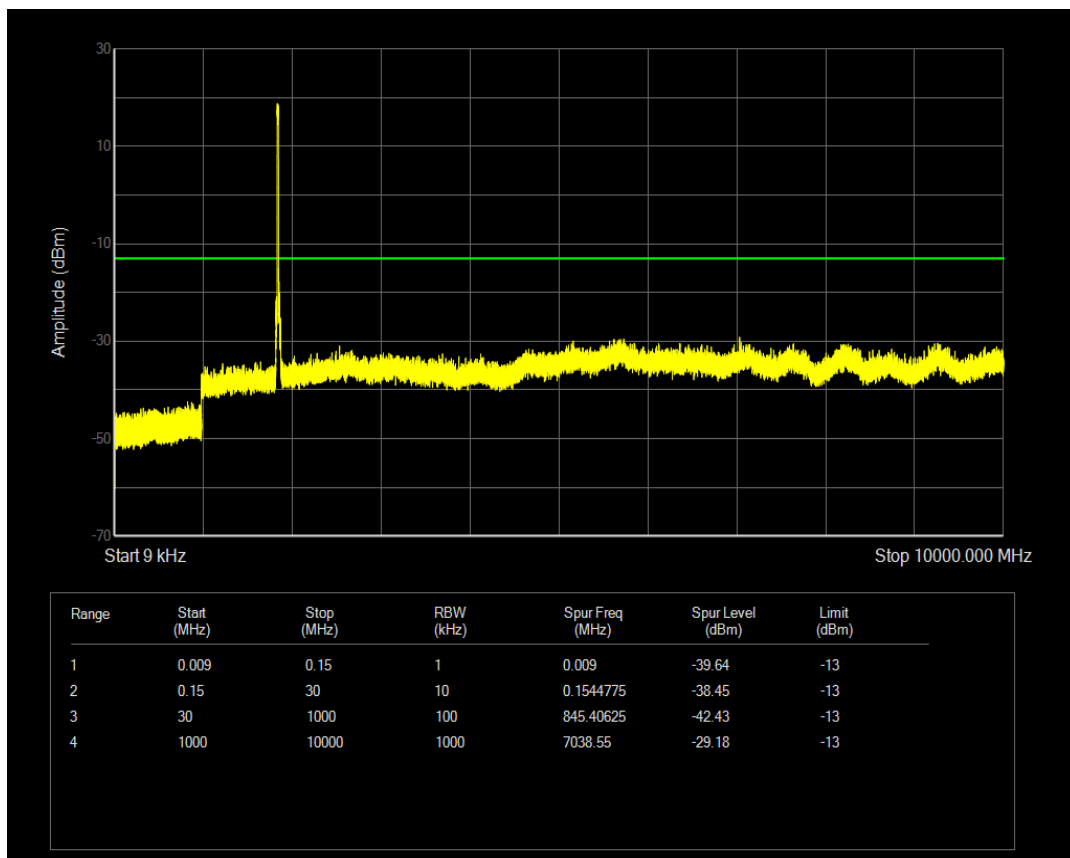




Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0

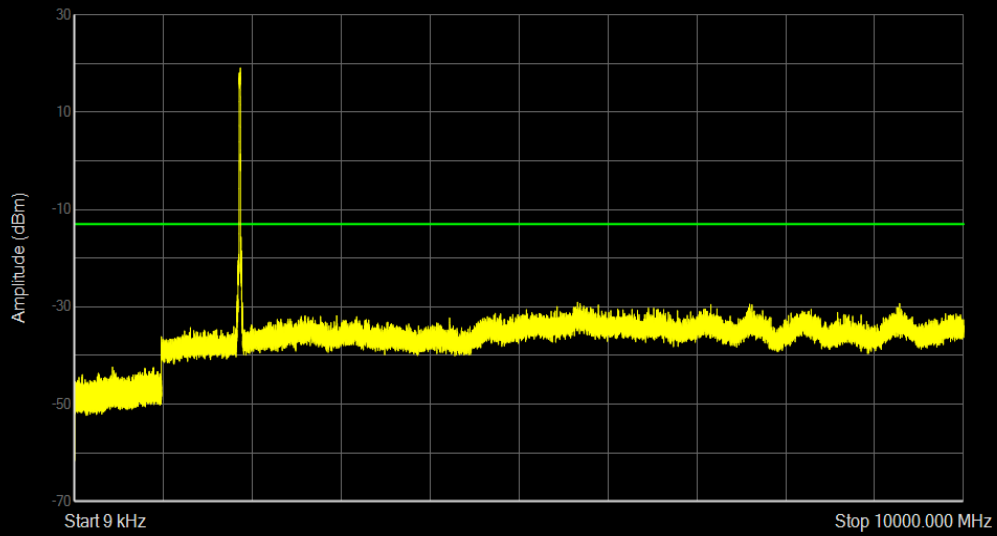


Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



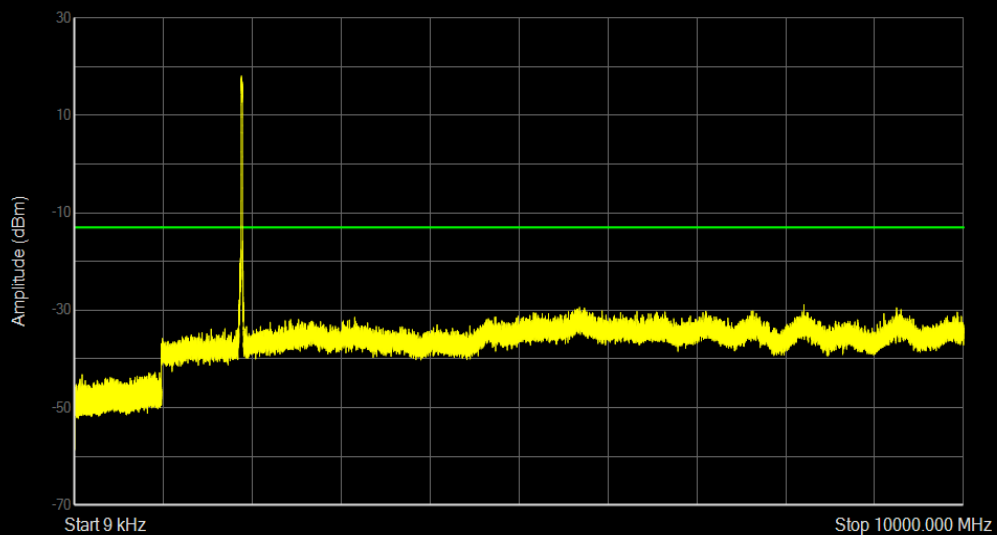


Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00969795	-38.02	-13
2	0.15	30	10	0.1604475	-41.52	-13
3	30	1000	100	451.78025	-42.41	-13
4	1000	10000	1000	5669.425	-29.06	-13

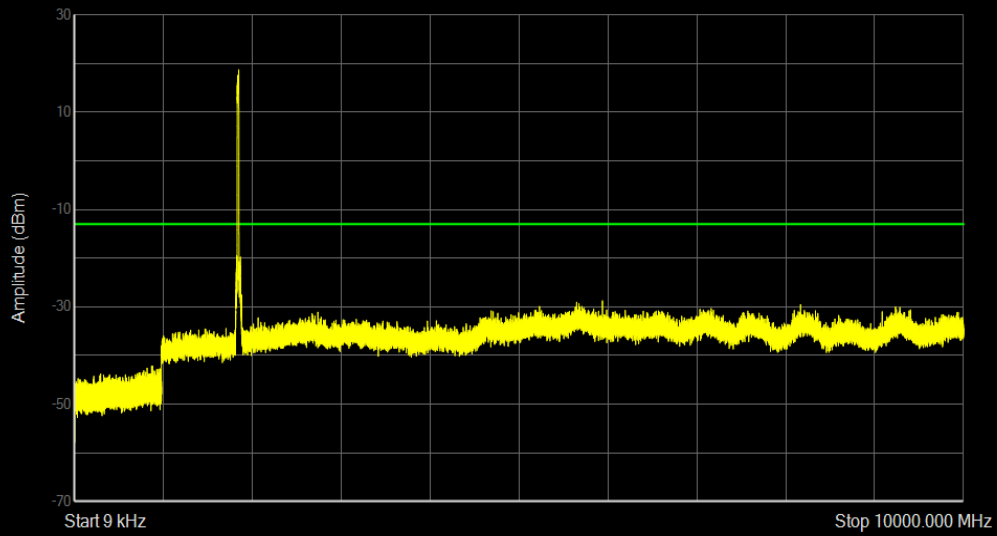
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01054395	-38.85	-13
2	0.15	30	10	0.15	-40.11	-13
3	30	1000	100	929.89325	-42.77	-13
4	1000	10000	1000	8209.9	-28.87	-13

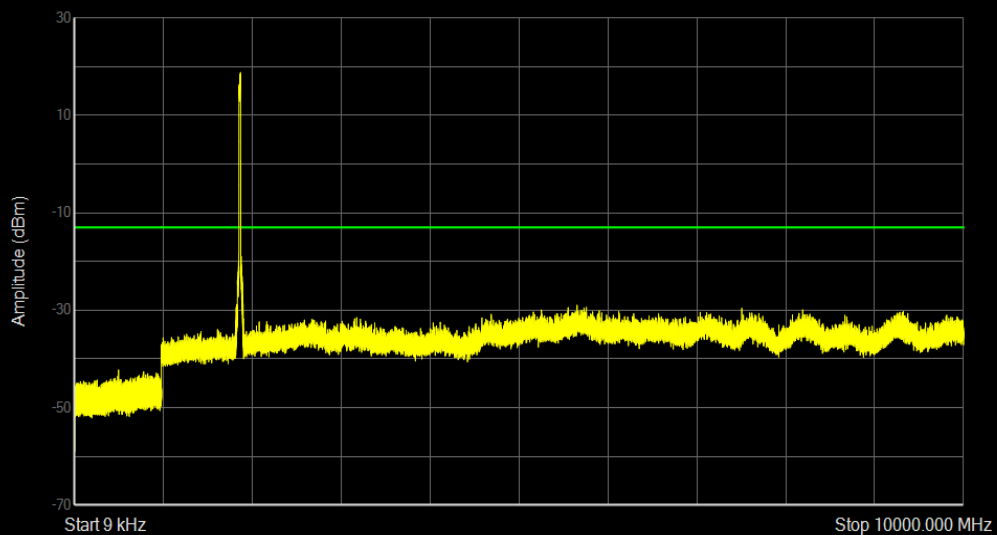


Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009299625	-38.28	-13
2	0.15	30	10	0.15	-38.86	-13
3	30	1000	100	901.351	-42.18	-13
4	1000	10000	1000	5949.1	-28.76	-13

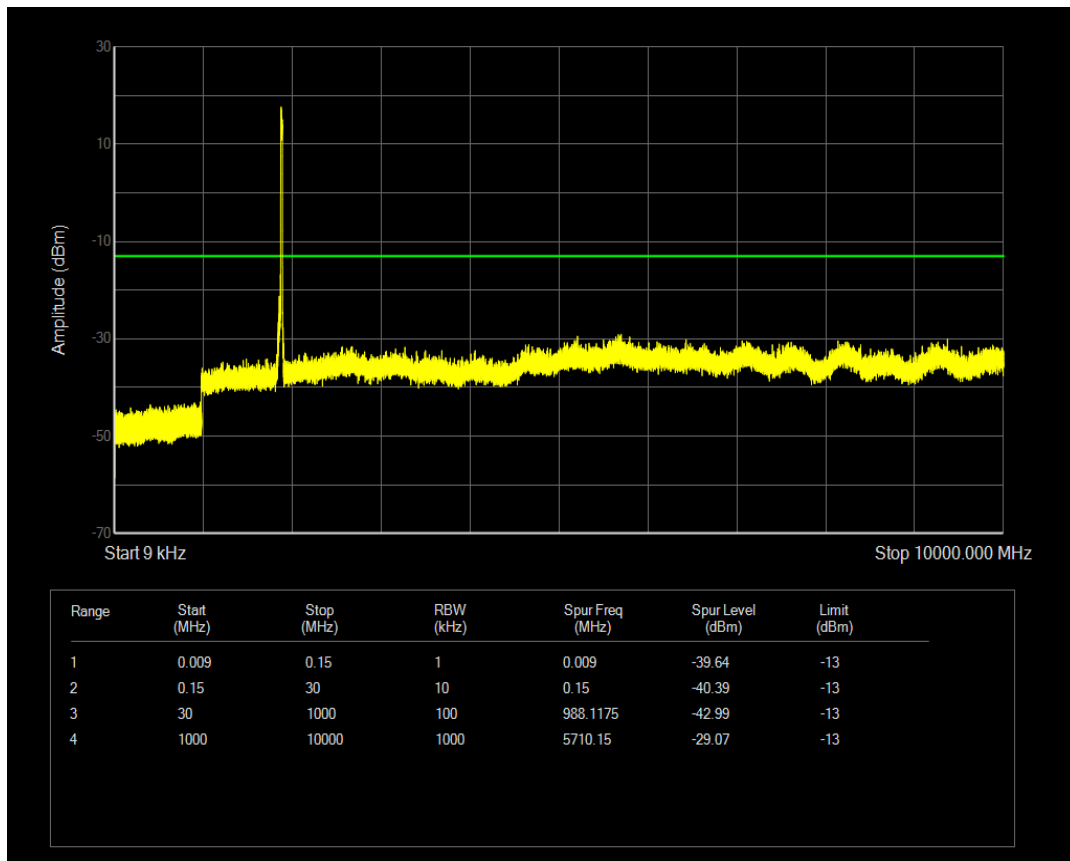
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



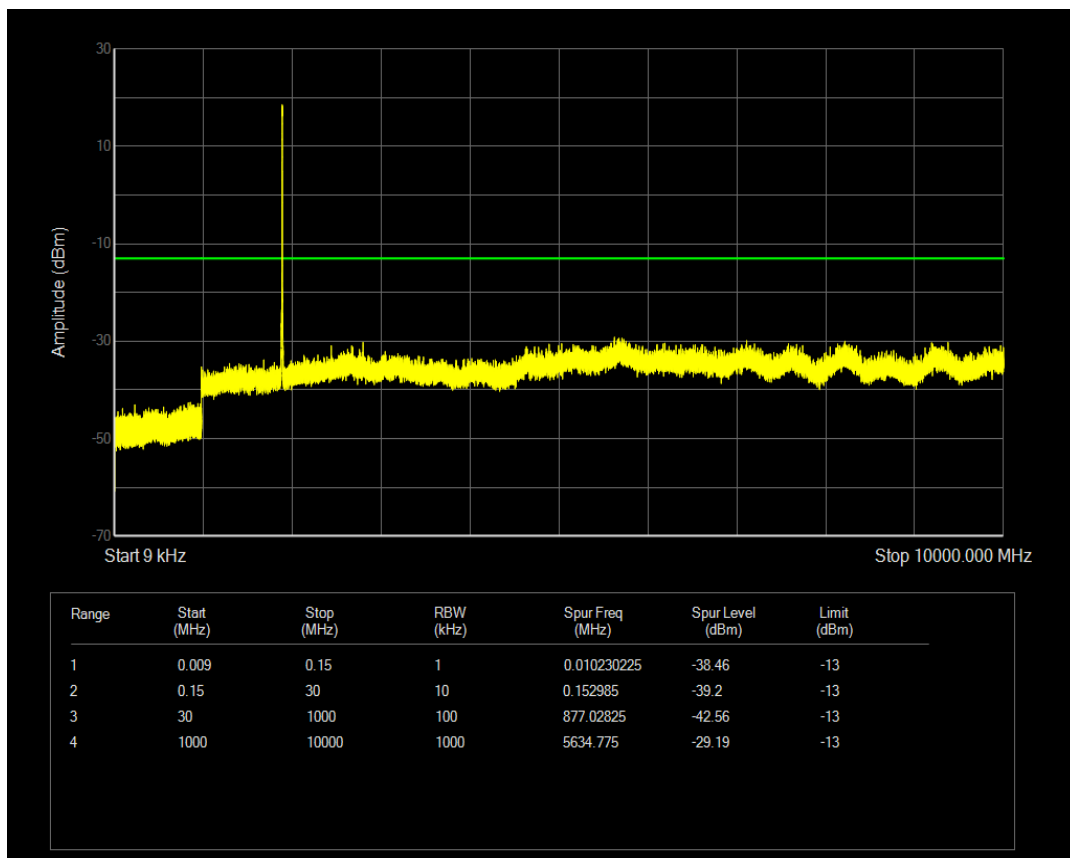
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010159725	-39.54	-13
2	0.15	30	10	0.15	-38.75	-13
3	30	1000	100	520.335	-42.27	-13
4	1000	10000	1000	5664.25	-28.98	-13



Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0

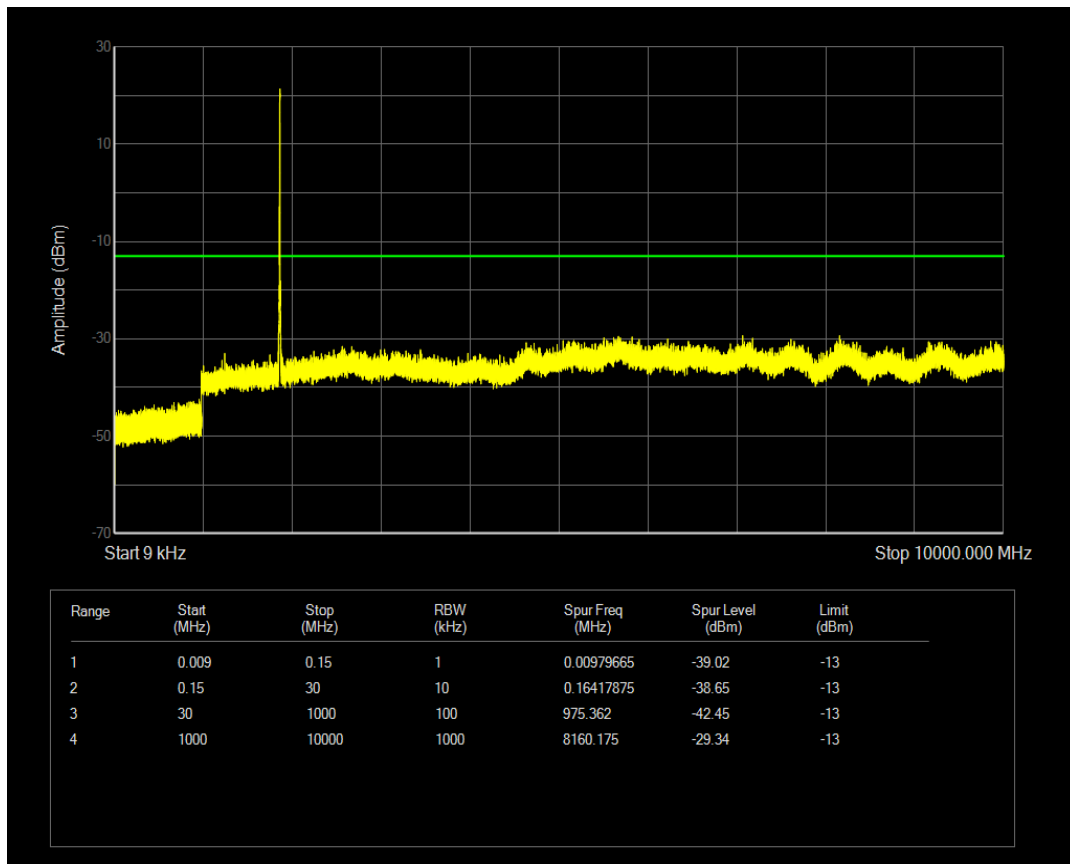


Band2 16QAM BW=5MHz Channel=19175 RB Size=25 Position=#0

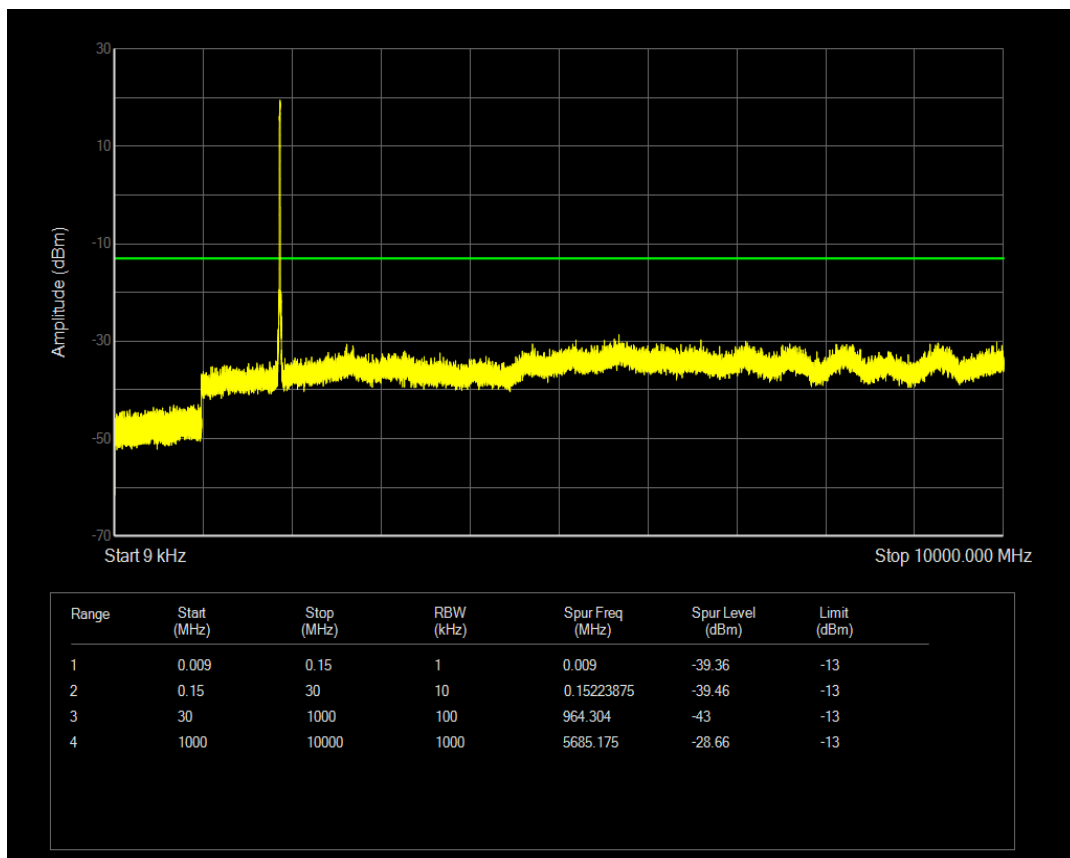




Band2 16QAM BW=5MHz Channel=18900 RB Size=25 Position=#0

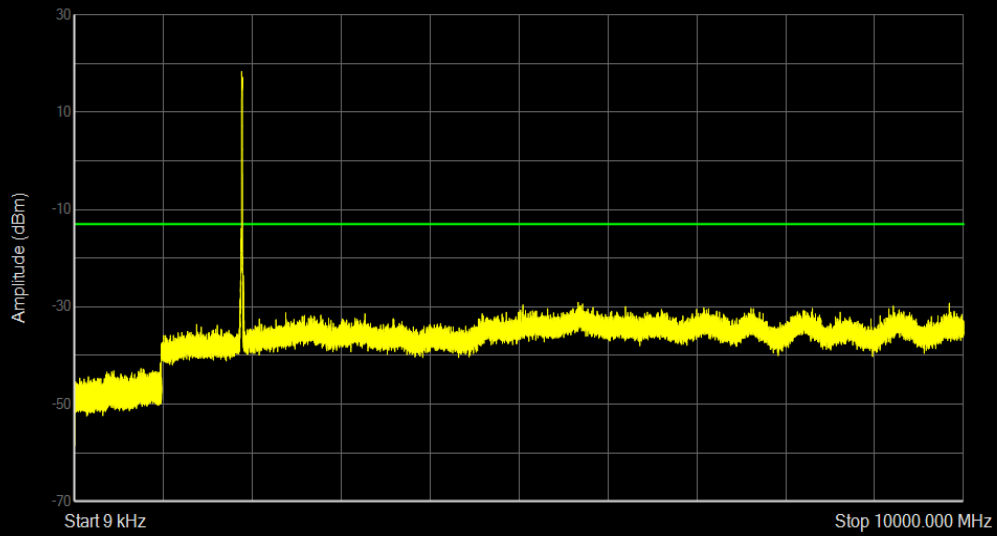


Band2 16QAM BW=10MHz Channel=18900 RB Size=50 Position=#0



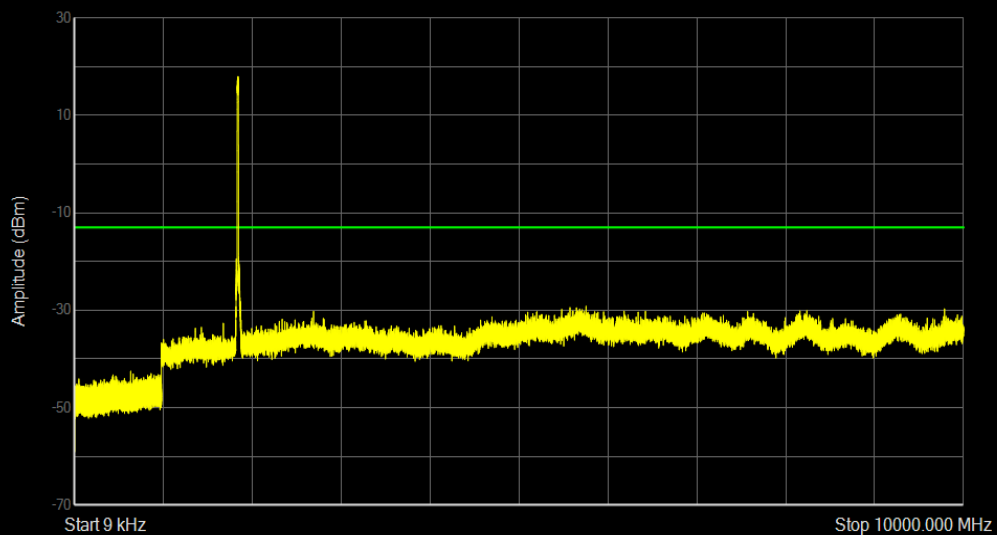


Band2 16QAM BW=10MHz Channel=19150 RB Size=50 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0109458	-38.64	-13
2	0.15	30	10	0.15	-40.24	-13
3	30	1000	100	986.05625	-41.59	-13
4	1000	10000	1000	5676.175	-29.08	-13

Band2 16QAM BW=15MHz Channel=18675 RB Size=75 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009870675	-38.59	-13
2	0.15	30	10	0.16268625	-41.21	-13
3	30	1000	100	656.4745	-42.51	-13
4	1000	10000	1000	5765.05	-29.18	-13