



Appendix for WCDMA Test Data

Product Name: myFirst Fone S3

Test Model: KW1401

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Channel	Power(dBm)	Limit(dBm)	Verdict
Band5	4132	21.96	38.45	PASS
Band5	4183	21.82	38.45	PASS
Band5	4233	21.80	38.45	PASS



Appendix B: Peak-to-Average Ratio

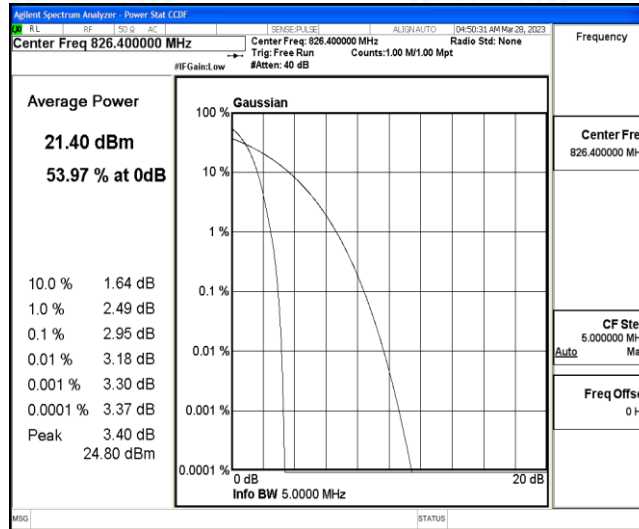
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	2.95	13	PASS
Band5	4183	2.87	13	PASS
Band5	4233	2.88	13	PASS

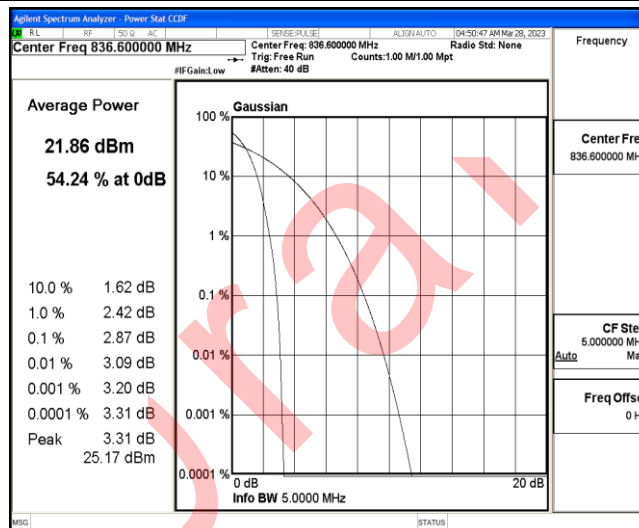


Test Graphs

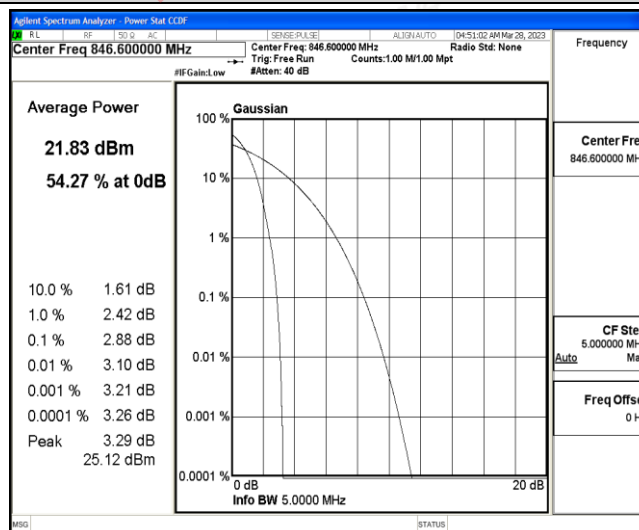
Band5-4132



Band5-4183



Band5-4233





Appendix C: 26dB Bandwidth and Occupied Bandwidth

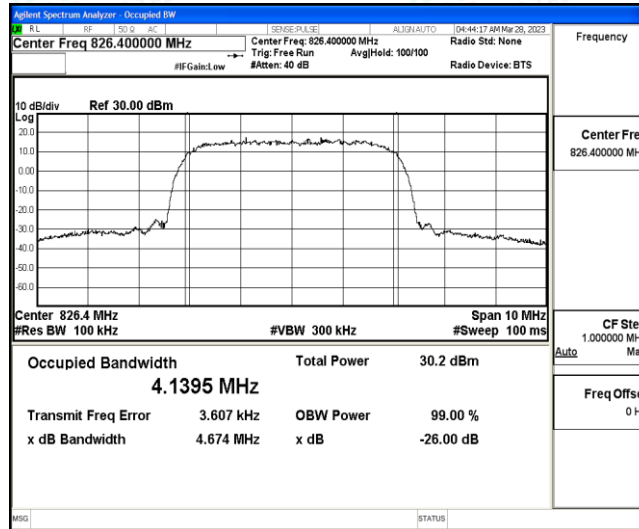
Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band5	4132	4.1395	4.674	---	PASS
Band5	4183	4.1503	4.677	---	PASS
Band5	4233	4.1542	4.675	---	PASS

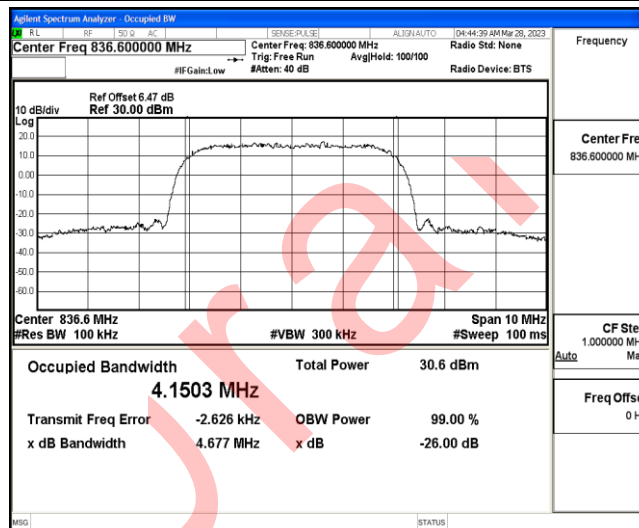


Test Graphs

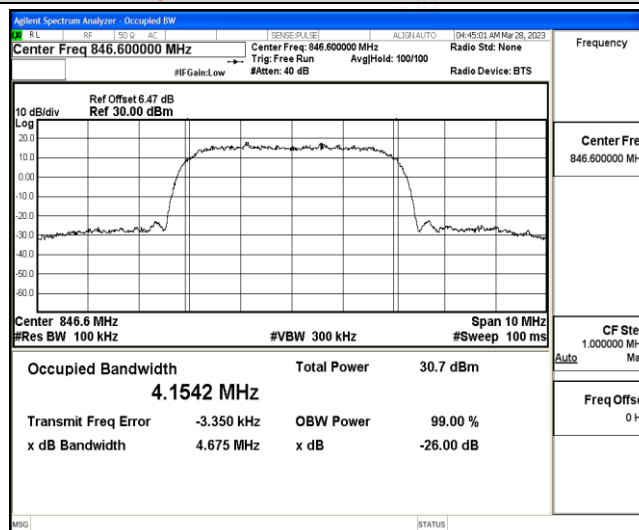
Band5-4132



Band5-4183



Band5-4233





Appendix D: Band Edge

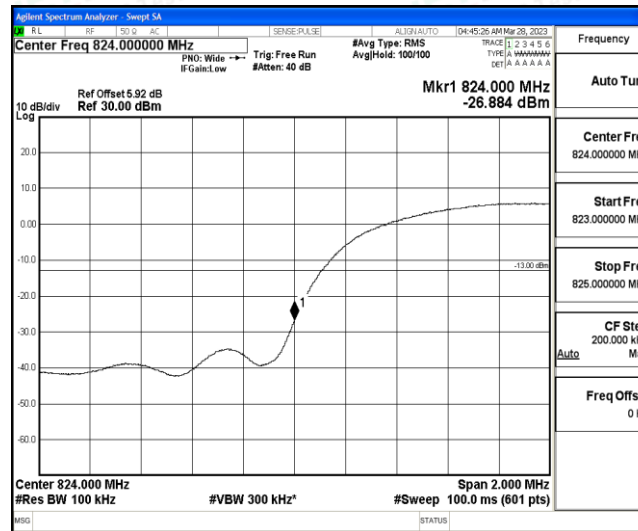
Test Result

Band	Channel	Frequency (MHz)	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	824.00	-26.88	-13	PASS
Band5	4233	849.00	-25.41	-13	PASS

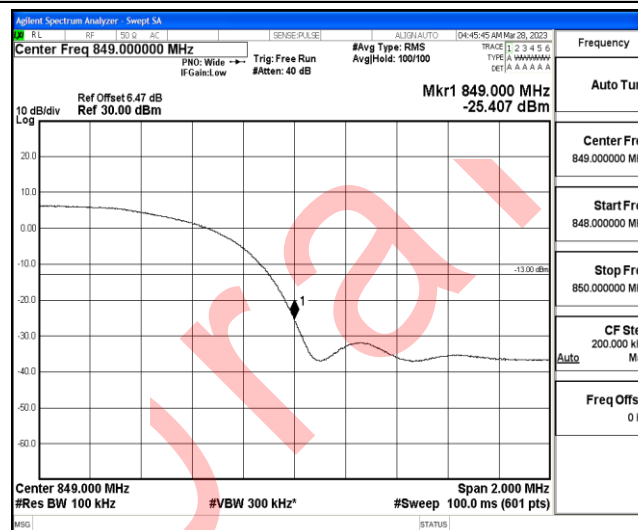


Test Graphs

Band5-4132



Band5-4233





Appendix E: Conducted Spurious Emission

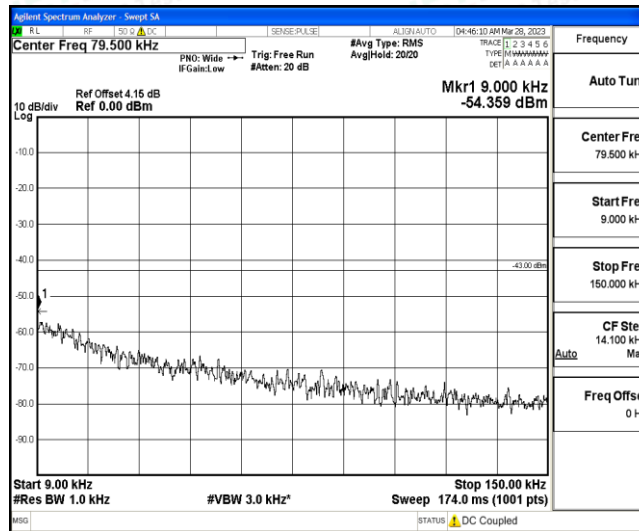
Test Result

Band	Channel	Frequency Range (Mhz)	Frequency (dBm)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	0.009~0.15MHz	0.01	-54.36	-43	PASS
Band5	4132	0.15~30MHz	0.15	-52.32	-33	PASS
Band5	4132	30~1000MHz	186.17	-40.59	-13	PASS
Band5	4132	1000~9000MHz	4136.4	-39.2	-13	PASS
Band5	4183	0.009~0.15MHz	0.01	-55.3	-43	PASS
Band5	4183	0.15~30MHz	0.15	-51.27	-33	PASS
Band5	4183	30~1000MHz	229.82	-40.53	-13	PASS
Band5	4183	1000~9000MHz	4178.8	-38.8	-13	PASS
Band5	4233	0.009~0.15MHz	0.01	-56.34	-43	PASS
Band5	4233	0.15~30MHz	0.15	-50.81	-33	PASS
Band5	4233	30~1000MHz	230.79	-39.93	-13	PASS
Band5	4233	1000~9000MHz	4237.2	-40.59	-13	PASS

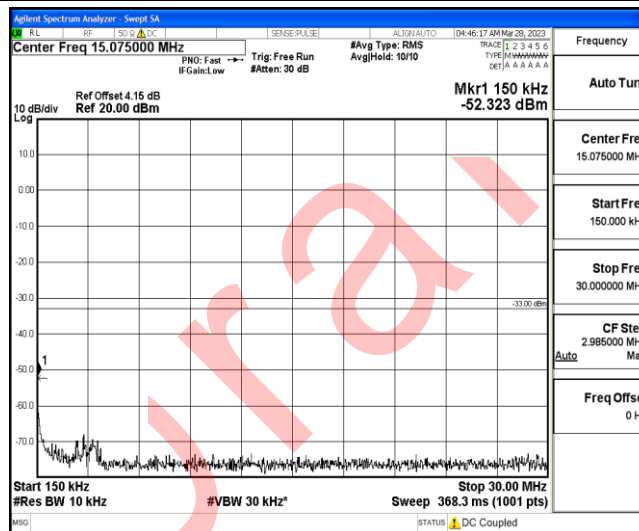


Test Graphs

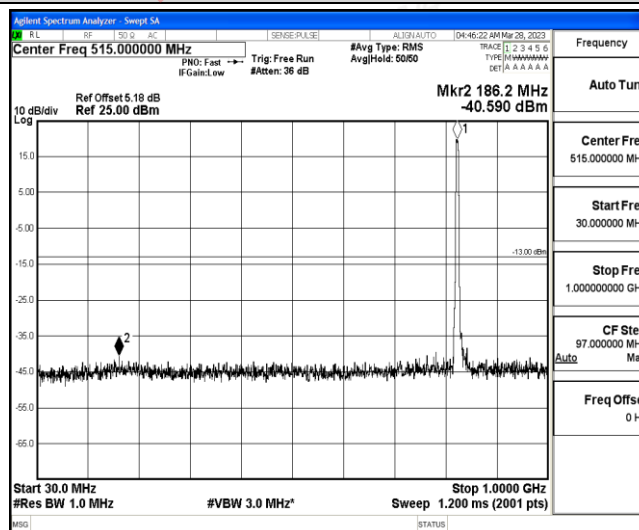
Band5-4132-0.009~0.15MHz



Band5-4132-0.15~30MHz

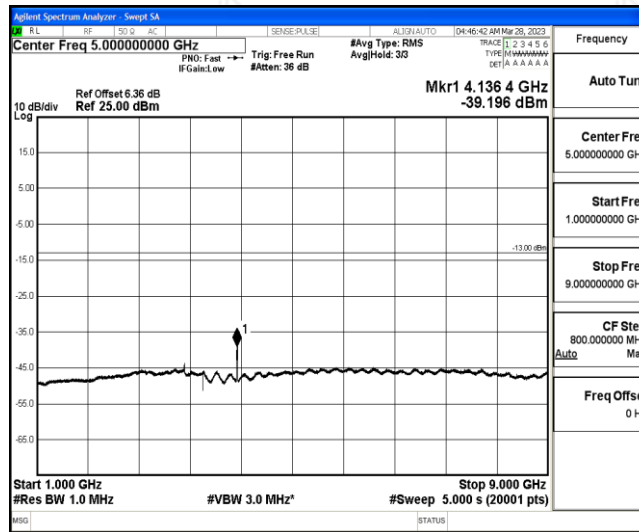


Band5-4132-30~1000MHz

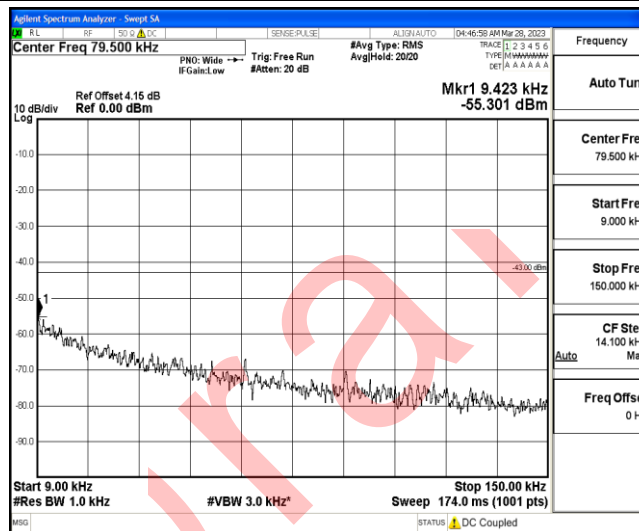




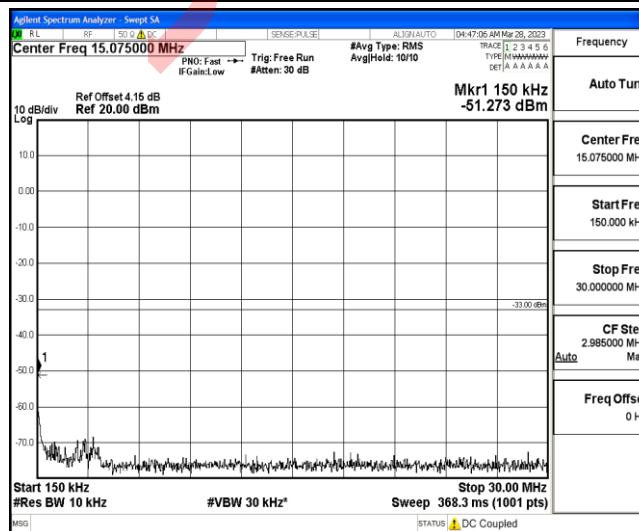
Band5-4132-1000~9000MHz



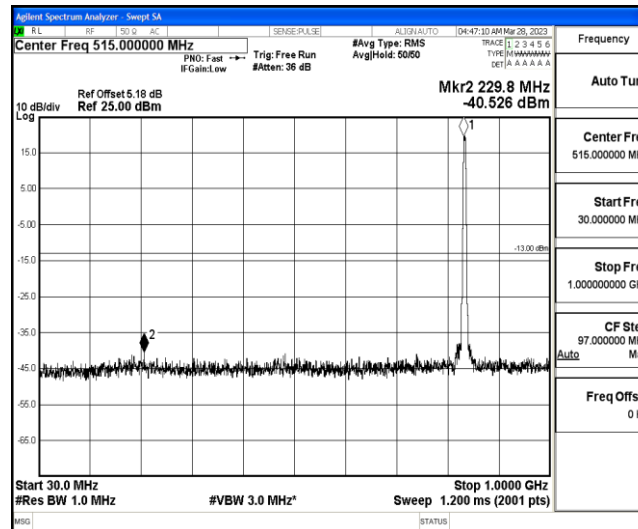
Band5-4183-0.009~0.15MHz



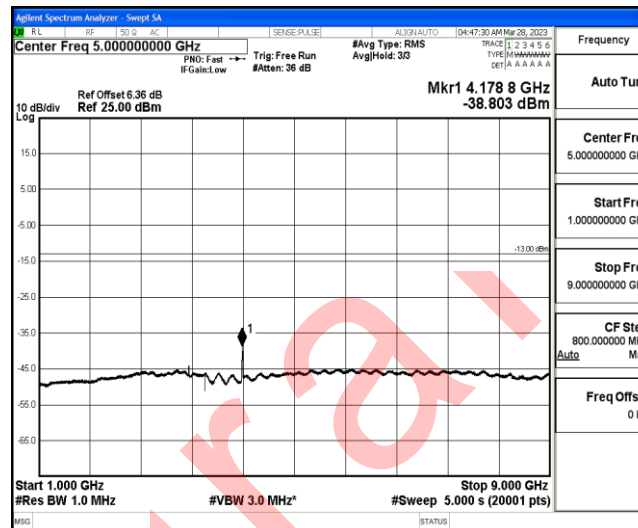
Band5-4183-0.15~30MHz



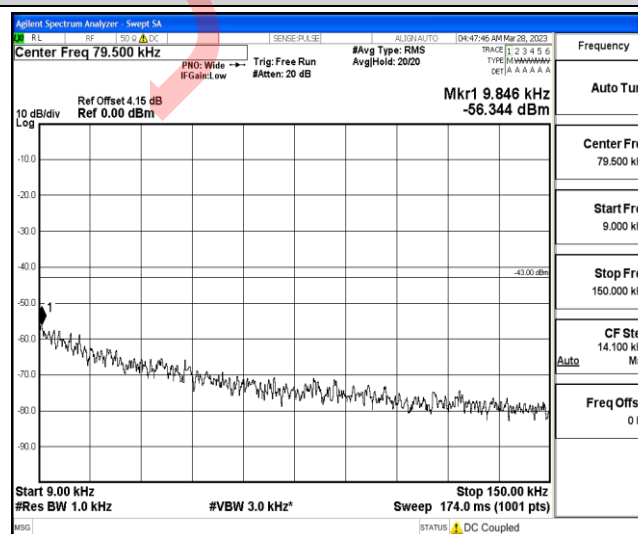
Band5-4183-30~1000MHz



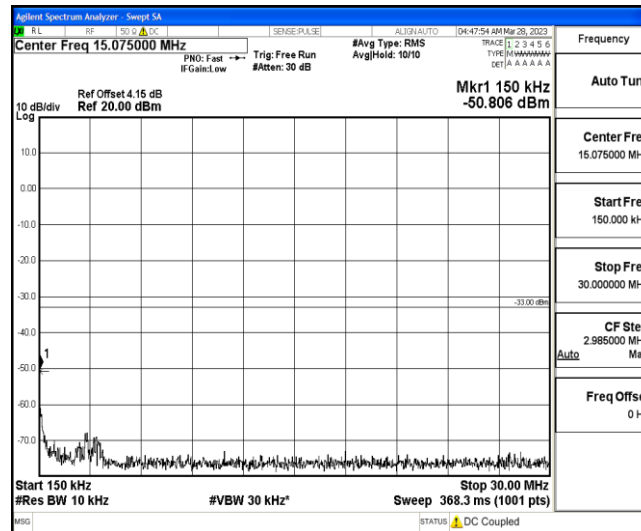
Band5-4183-1000~9000MHz



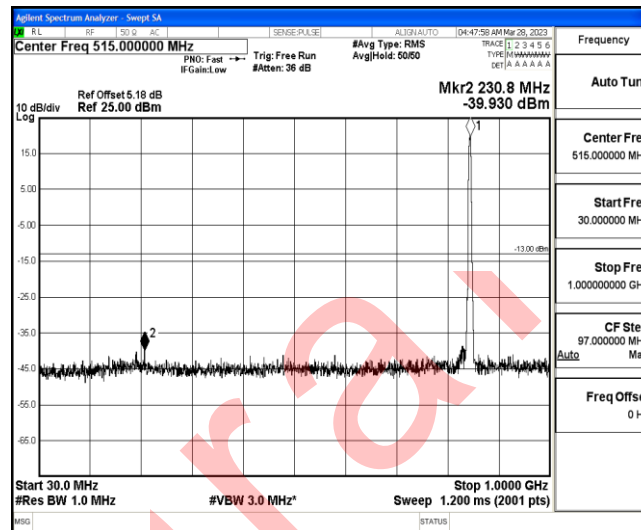
Band5-4233-0.009~0.15MHz



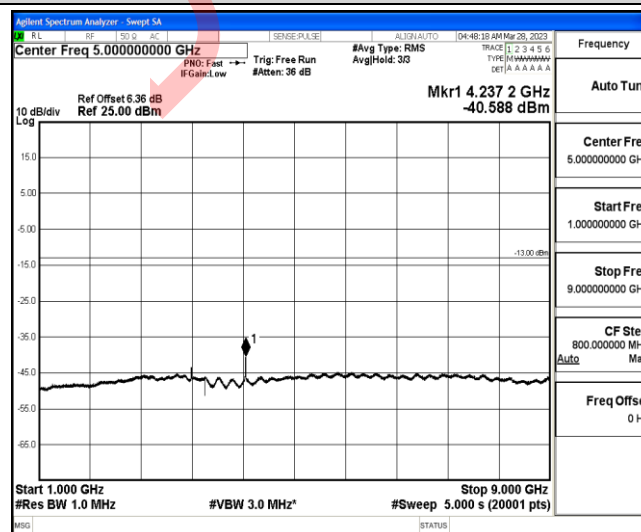
Band5-4233-0.15~30MHz



Band5-4233-30~1000MHz



Band5-4233-1000~9000MHz





Appendix F: Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	-0.91	-0.001101	±2.5	PASS
Band5	4132	VN	NT	-0.51	-0.000617	±2.5	PASS
Band5	4132	VH	NT	2.13	0.002577	±2.5	PASS
Band5	4183	VL	NT	-1.26	-0.001506	±2.5	PASS
Band5	4183	VN	NT	-0.04	-0.000048	±2.5	PASS
Band5	4183	VH	NT	0.27	0.000323	±2.5	PASS
Band5	4233	VL	NT	-2.07	-0.002445	±2.5	PASS
Band5	4233	VN	NT	-0.24	-0.000283	±2.5	PASS
Band5	4233	VH	NT	-0.72	-0.000850	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-0.31	-0.000375	±2.5	PASS
Band5	4132	NV	-20	-0.30	-0.000363	±2.5	PASS
Band5	4132	NV	-10	0.68	0.000823	±2.5	PASS
Band5	4132	NV	0	1.27	0.001537	±2.5	PASS
Band5	4132	NV	10	-0.02	-0.000024	±2.5	PASS
Band5	4132	NV	20	-1.90	-0.002299	±2.5	PASS
Band5	4132	NV	30	-0.21	-0.000254	±2.5	PASS
Band5	4132	NV	40	1.52	0.001839	±2.5	PASS
Band5	4132	NV	50	0.09	0.000109	±2.5	PASS
Band5	4183	NV	-30	2.64	0.003156	±2.5	PASS
Band5	4183	NV	-20	-0.18	-0.000215	±2.5	PASS
Band5	4183	NV	-10	-0.97	-0.001159	±2.5	PASS
Band5	4183	NV	0	-1.55	-0.001853	±2.5	PASS
Band5	4183	NV	10	-0.97	-0.001159	±2.5	PASS
Band5	4183	NV	20	-0.30	-0.000359	±2.5	PASS
Band5	4183	NV	30	0.06	0.000072	±2.5	PASS
Band5	4183	NV	40	0.19	0.000227	±2.5	PASS
Band5	4183	NV	50	0.01	0.000012	±2.5	PASS
Band5	4233	NV	-30	3.32	0.003922	±2.5	PASS
Band5	4233	NV	-20	0.51	0.000602	±2.5	PASS
Band5	4233	NV	-10	0.27	0.000319	±2.5	PASS
Band5	4233	NV	0	0.60	0.000709	±2.5	PASS



Band5	4233	NV	10	1.55	0.001831	±2.5	PASS
Band5	4233	NV	20	0.66	0.000780	±2.5	PASS
Band5	4233	NV	30	-1.47	-0.001736	±2.5	PASS
Band5	4233	NV	40	2.09	0.002469	±2.5	PASS
Band5	4233	NV	50	1.57	0.001854	±2.5	PASS