



Appendix H: Test Data for E-UTRA Band 41

Product Name: myFirst Fone S3

Test Model: KW1401

Environmental Conditions

Temperature:	23.1° C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan





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H.1 Transmitter Maximum Output Power

Test Result

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Limit (dBm)	Verdict
NTNV	Band41	5MHz	QPSK	39675	1RB#0	21.32	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	39675	1RB#24	21.22	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	39675	8RB#0	20.84	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	39675	8RB#17	20.75	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	40620	1RB#0	21.04	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	40620	1RB#24	20.84	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	40620	8RB#0	20.58	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	40620	8RB#17	20.48	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	41565	1RB#0	20.62	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	41565	1RB#24	20.62	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	41565	8RB#0	20.42	20.3 To 25.7	PASS
NTNV	Band41	5MHz	QPSK	41565	8RB#17	20.32	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	39750	1RB#0	20.83	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	39750	1RB#99	20.47	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	39750	18RB#0	20.93	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	39750	18RB#82	20.56	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	40620	1RB#0	21.25	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	40620	1RB#99	20.91	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	40620	18RB#0	20.83	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	40620	18RB#82	20.64	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	41490	1RB#0	20.87	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	41490	1RB#99	20.88	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	41490	18RB#0	20.56	20.3 To 25.7	PASS
NTNV	Band41	20MHz	QPSK	41490	18RB#82	20.54	20.3 To 25.7	PASS



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H.2 Transmitter Minimum Output Power

Test Result

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result (dBm)	Limit (dBm)	Verdict
NTNV	Band41	5MHz	QPSK	39675	25RB#0	-44.57	-39	PASS
NTNV	Band41	5MHz	QPSK	40620	25RB#0	-44.46	-39	PASS
NTNV	Band41	5MHz	QPSK	41565	25RB#0	-44.88	-39	PASS
NTNV	Band41	20MHz	QPSK	39750	100RB#0	-44.78	-39	PASS
NTNV	Band41	20MHz	QPSK	40620	100RB#0	-44.63	-39	PASS
NTNV	Band41	20MHz	QPSK	41490	100RB#0	-44.92	-39	PASS





H.3 Transmitter Spectrum Emission Mask

Test Result

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result	Limit	Verdict
NTNV	Band41	5MHz	QPSK	39675	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	39675	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	39675	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	40620	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	40620	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	40620	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	41565	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	41565	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	41565	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	39675	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	39675	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	39675	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	40620	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	40620	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	40620	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	41565	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	41565	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	41565	25RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	39700	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	39700	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	39700	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	40620	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	40620	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	40620	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	41540	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	41540	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	41540	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	39700	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	39700	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	39700	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	40620	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	40620	12RB#38	See graph	See graph	PASS



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NTNV	Band41	10MHz	16QAM	40620	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	41540	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	41540	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	41540	50RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	39750	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	39750	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	39750	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	40620	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	40620	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	40620	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	41490	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	41490	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	41490	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	39750	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	39750	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	39750	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	40620	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	40620	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	40620	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	41490	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	41490	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	41490	100RB#0	See graph	See graph	PASS

Test Graphs

NTNV-Band41-5MHz-QPSK-39675-8RB#0

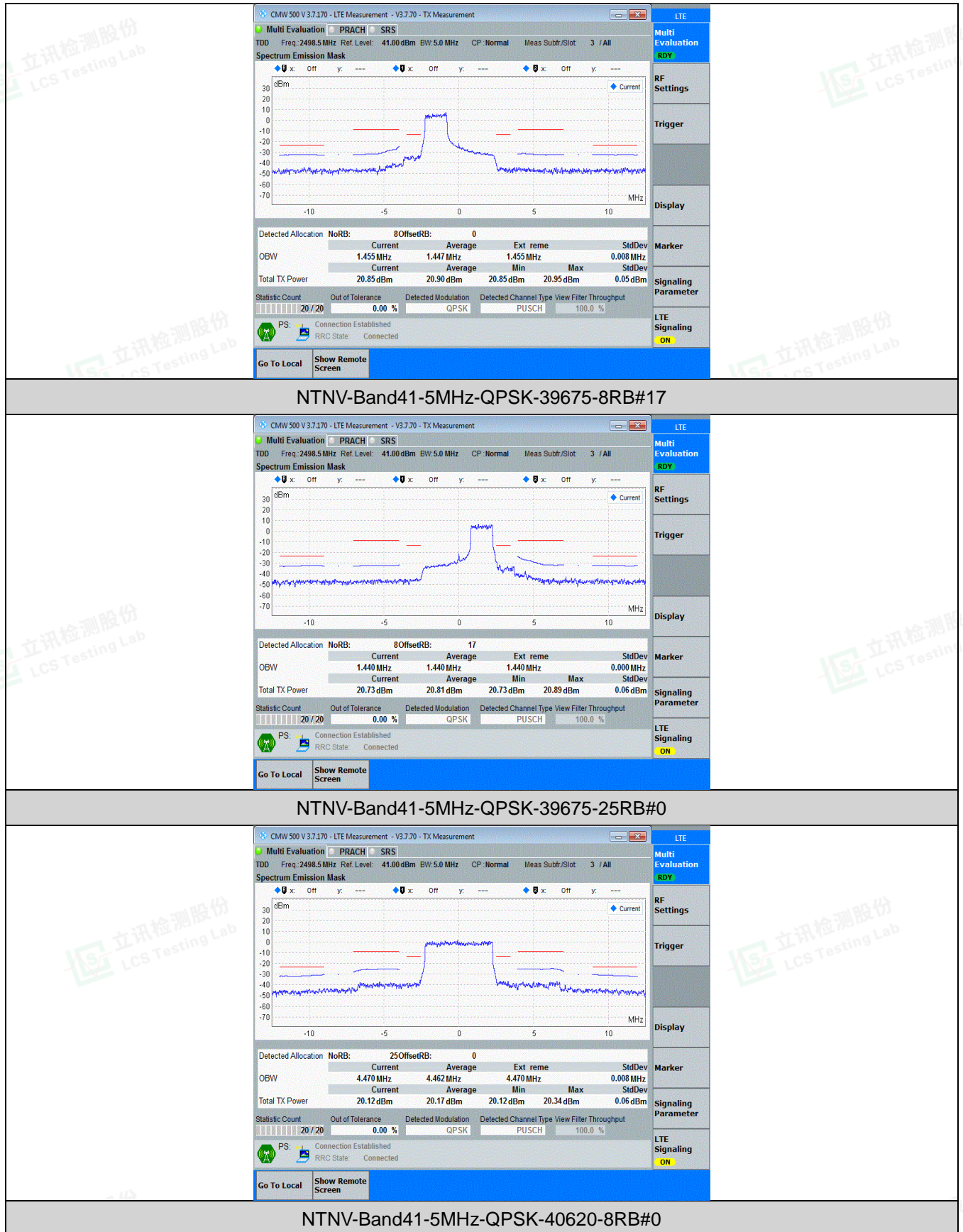


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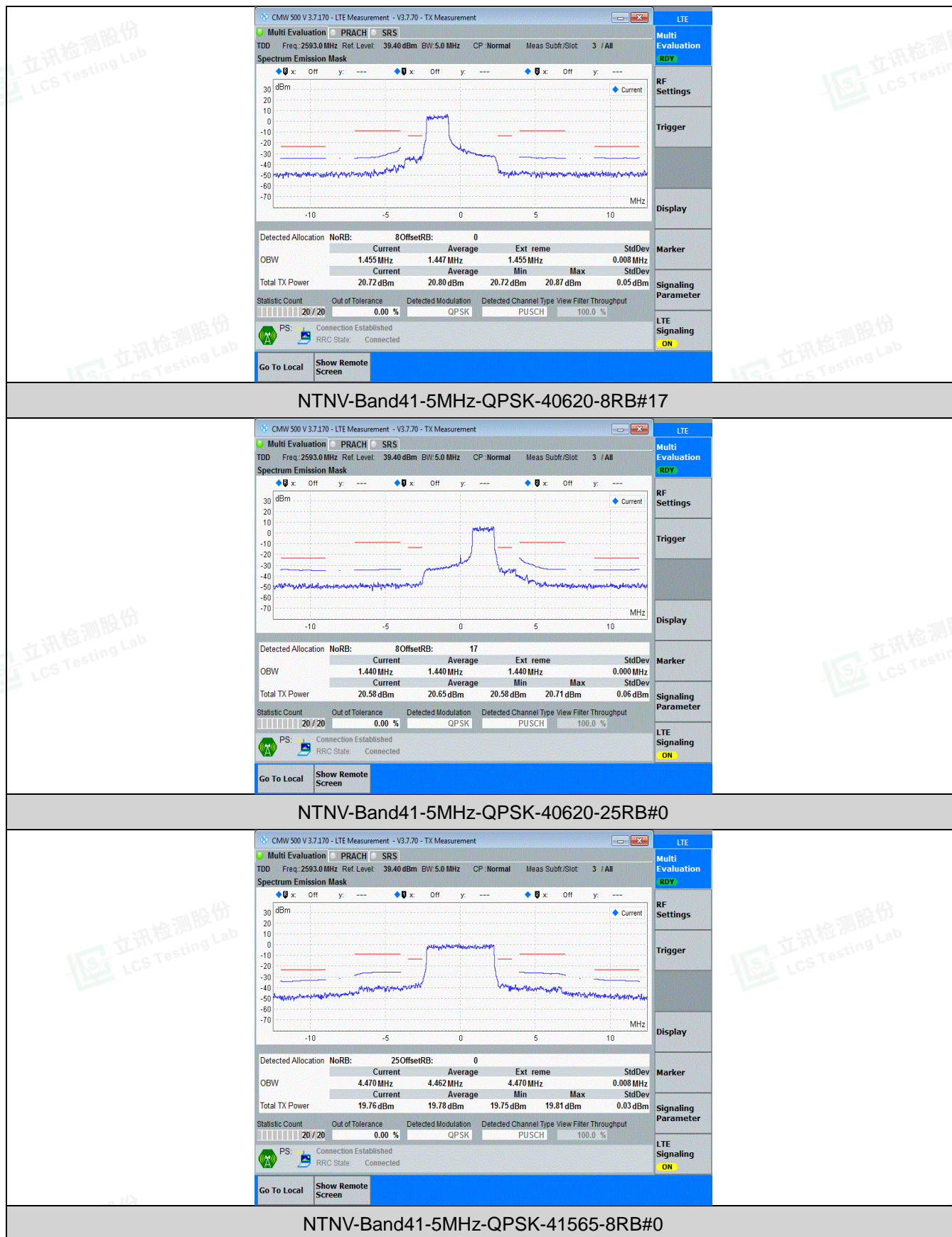


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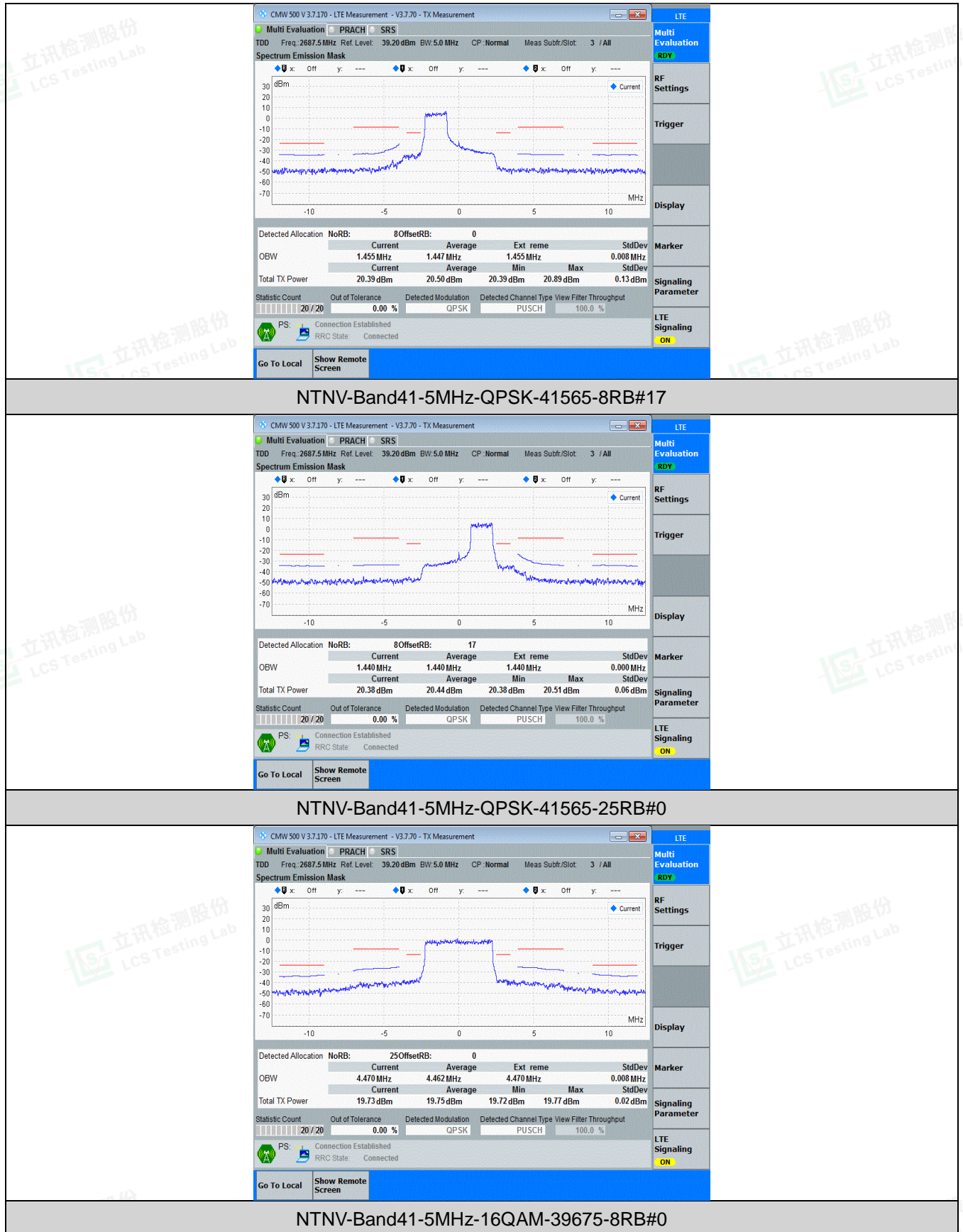


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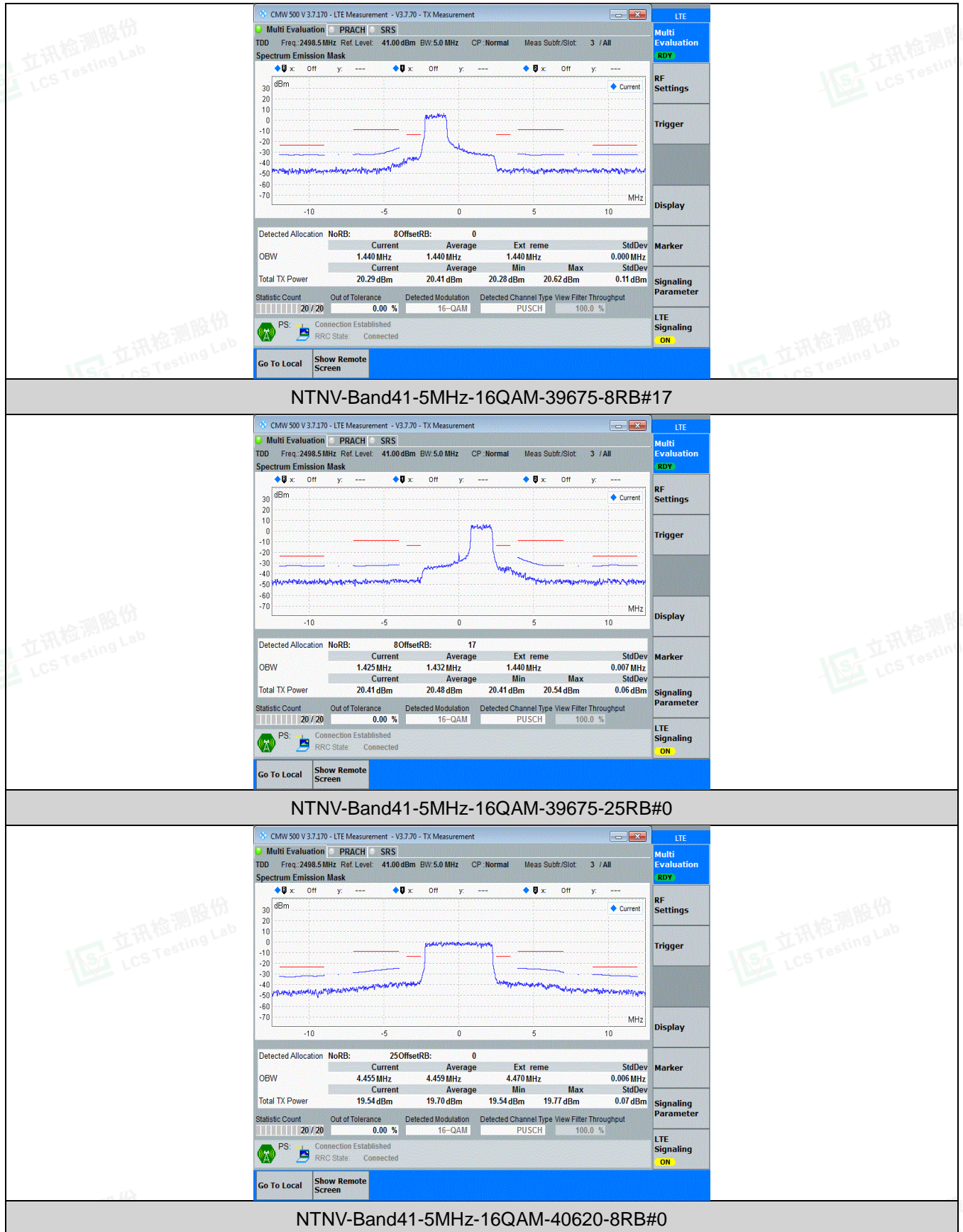


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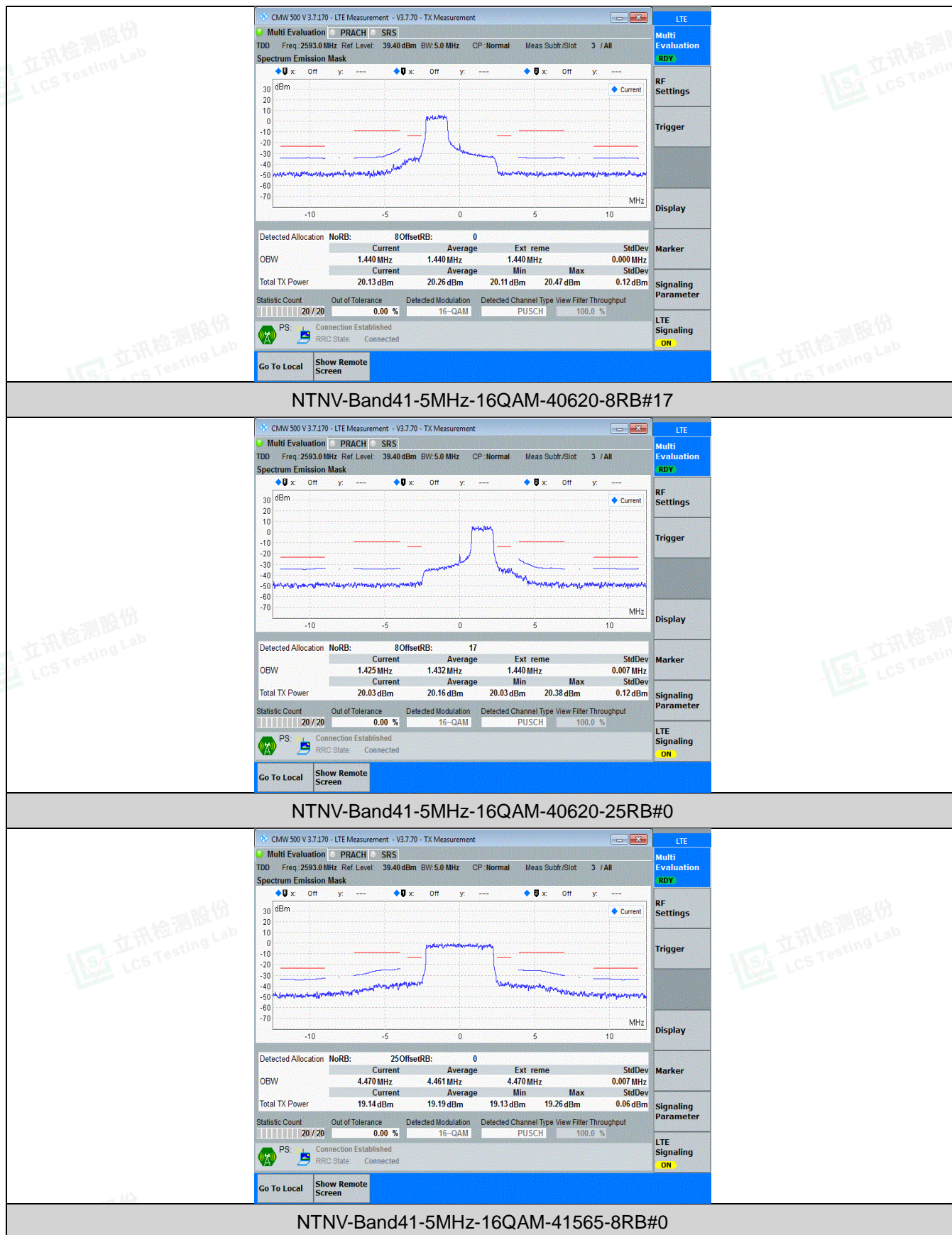


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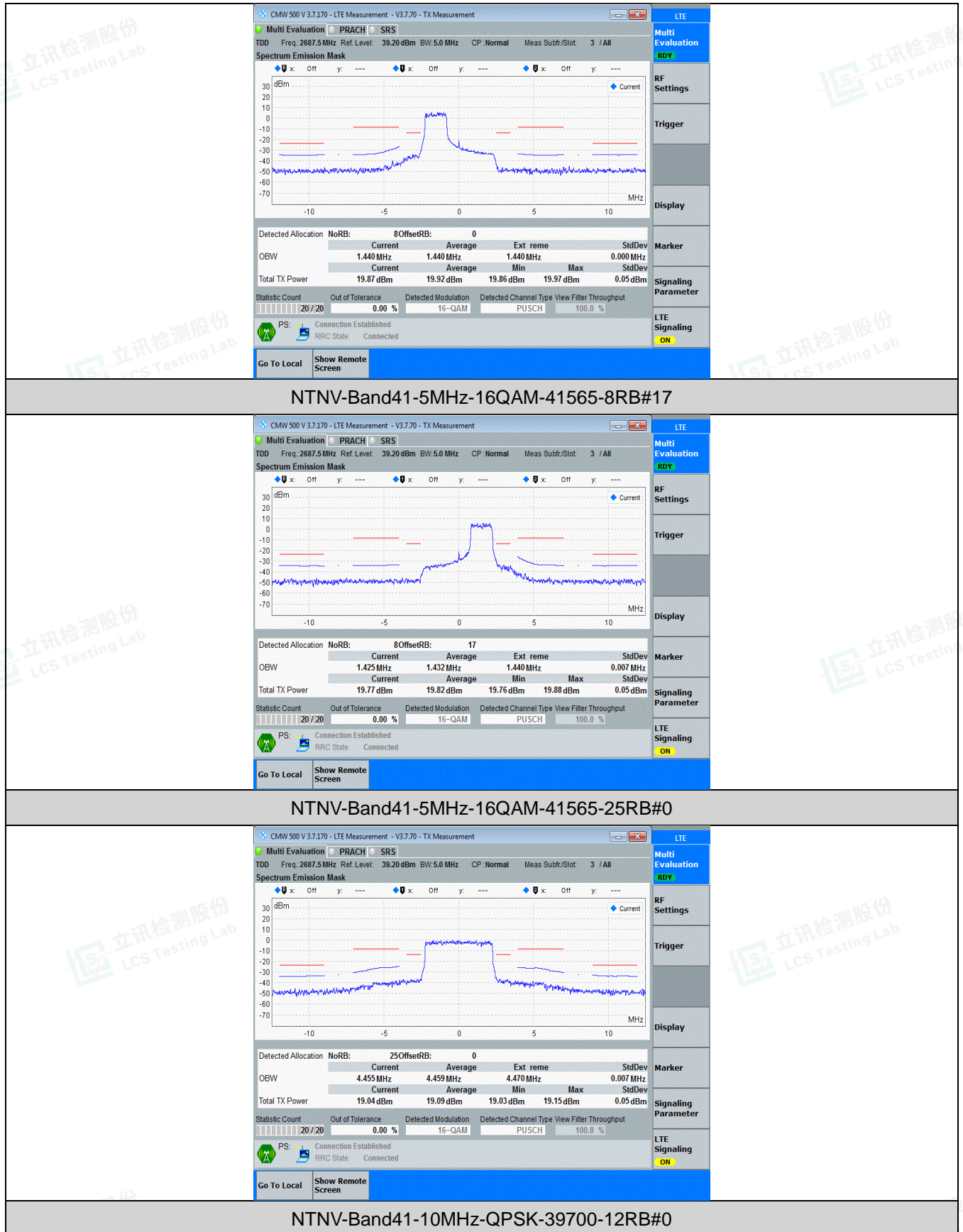


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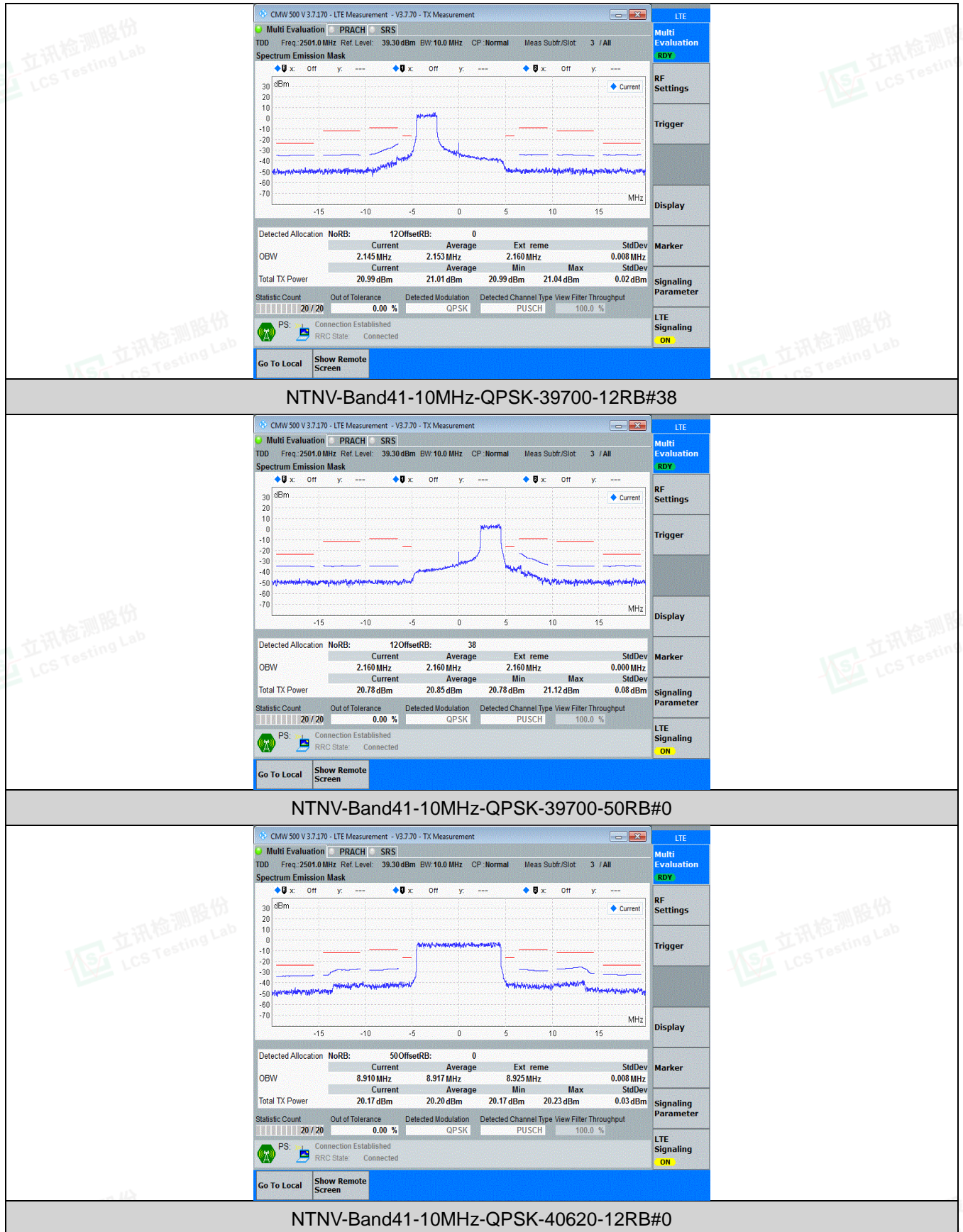


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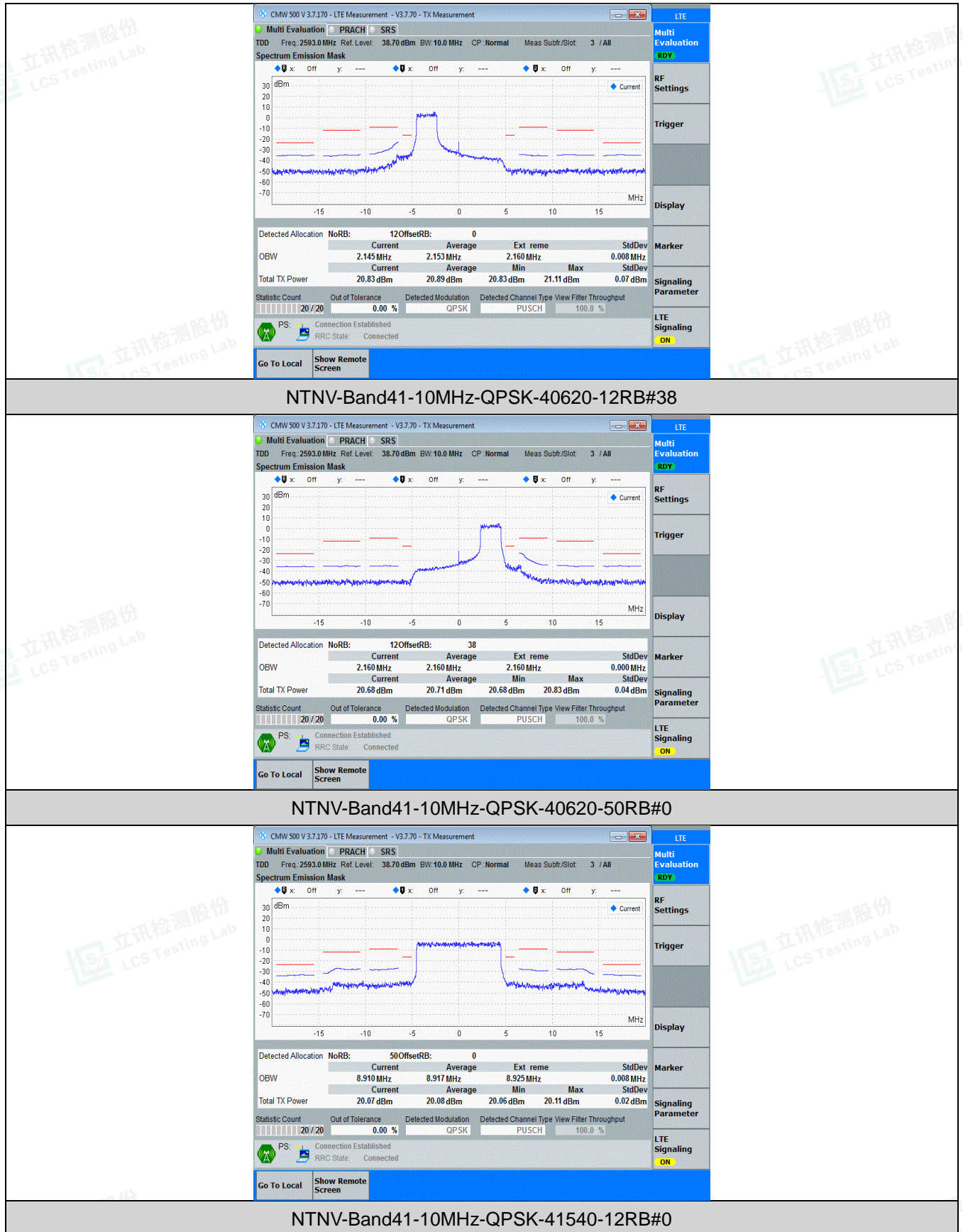


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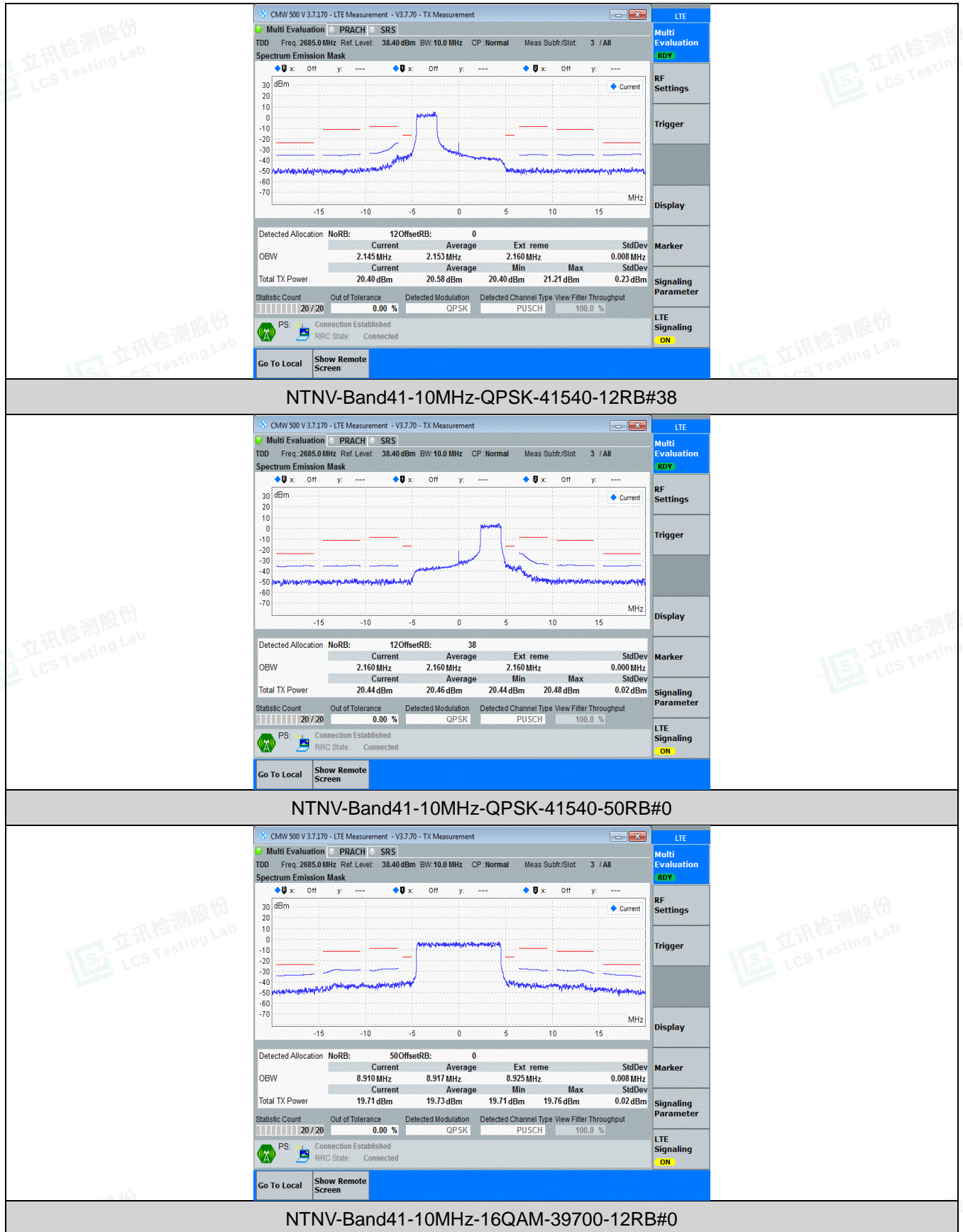


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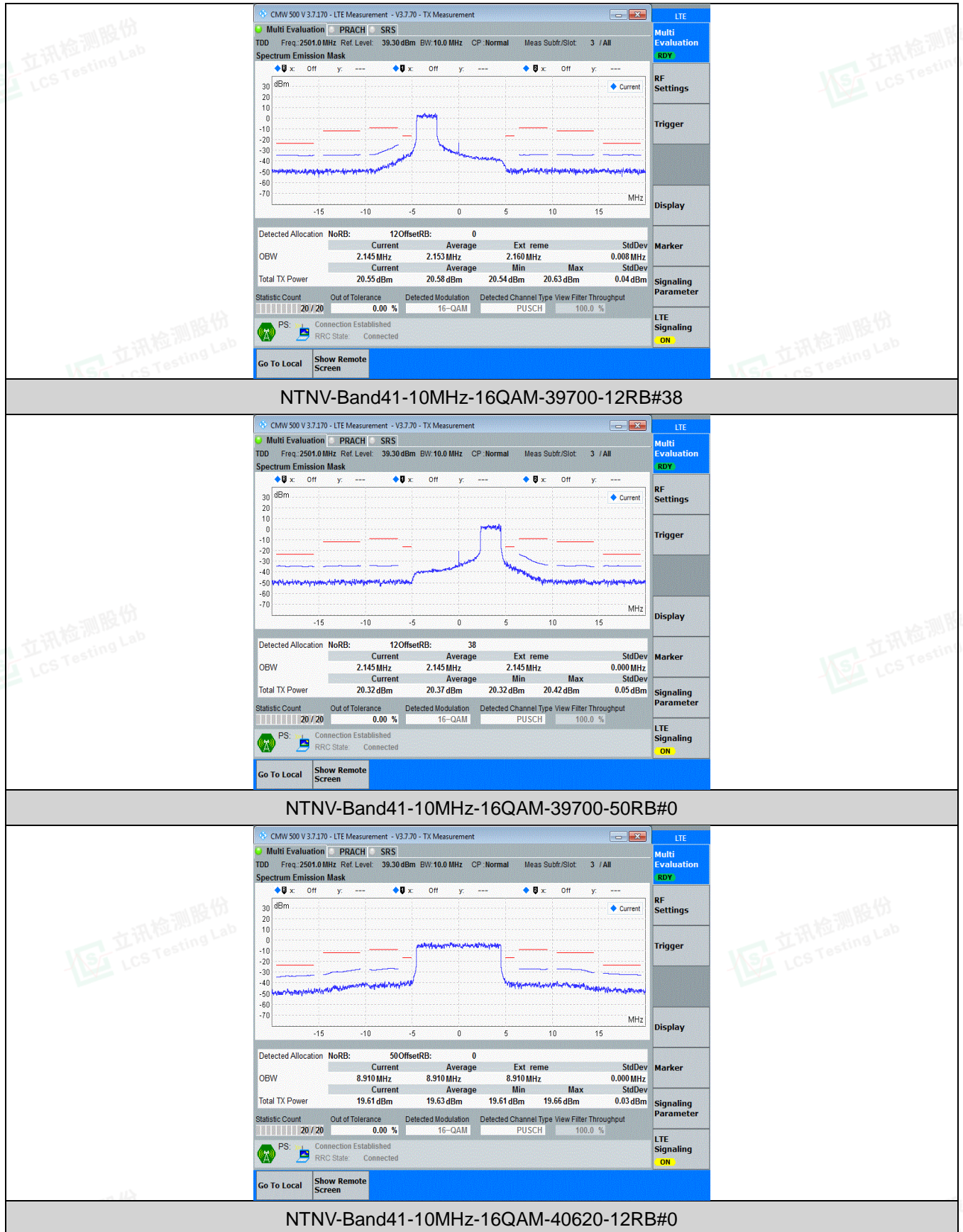


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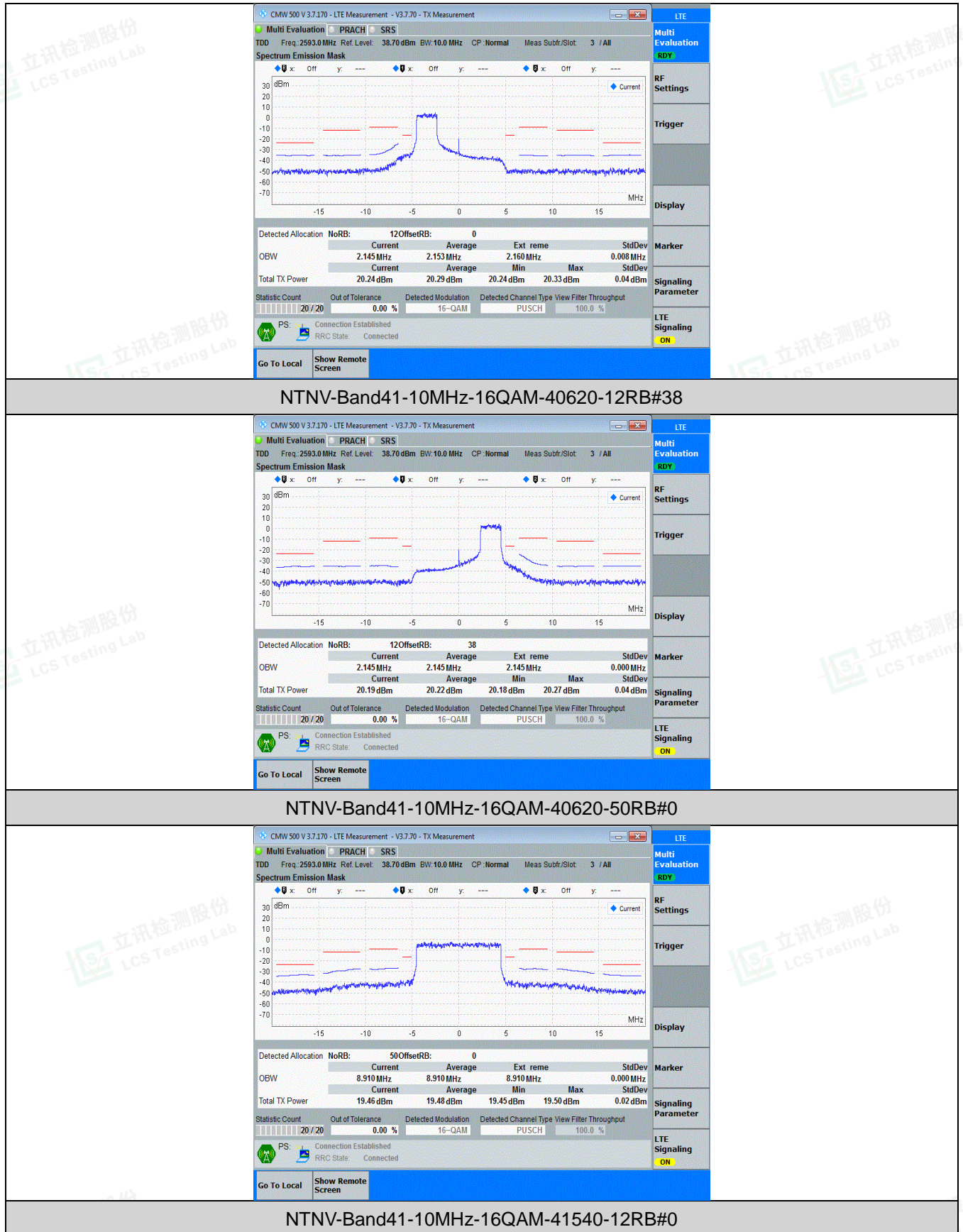


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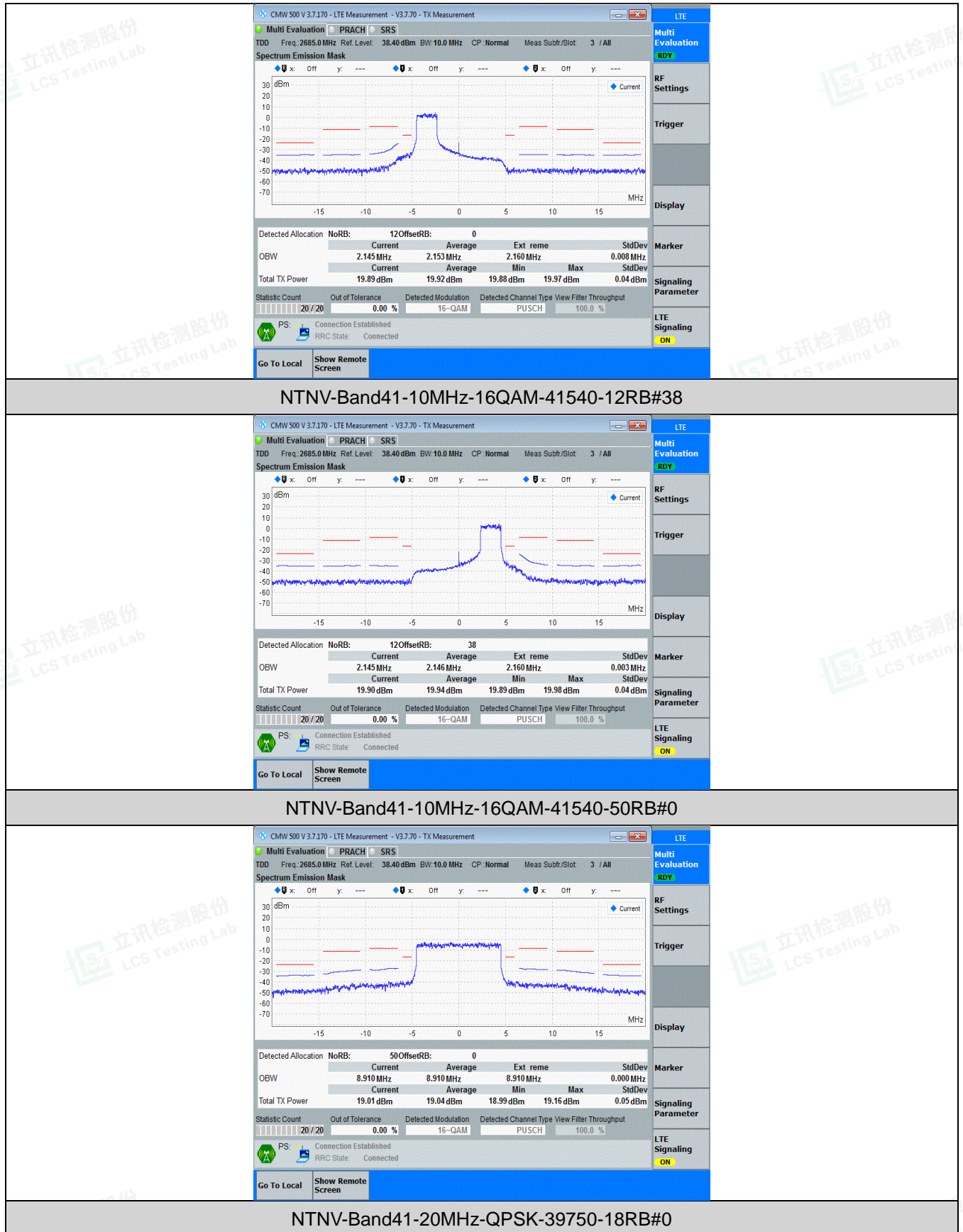


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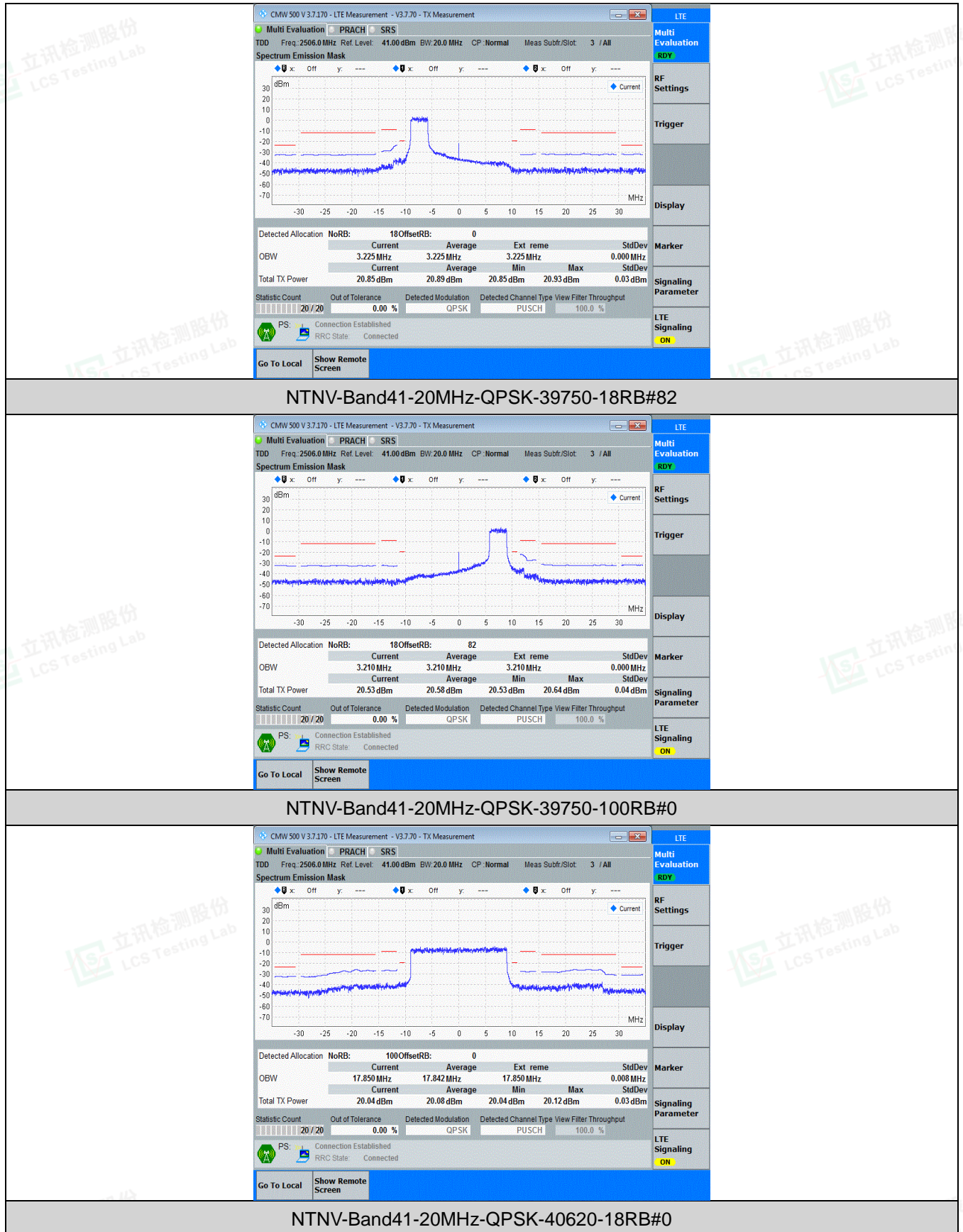


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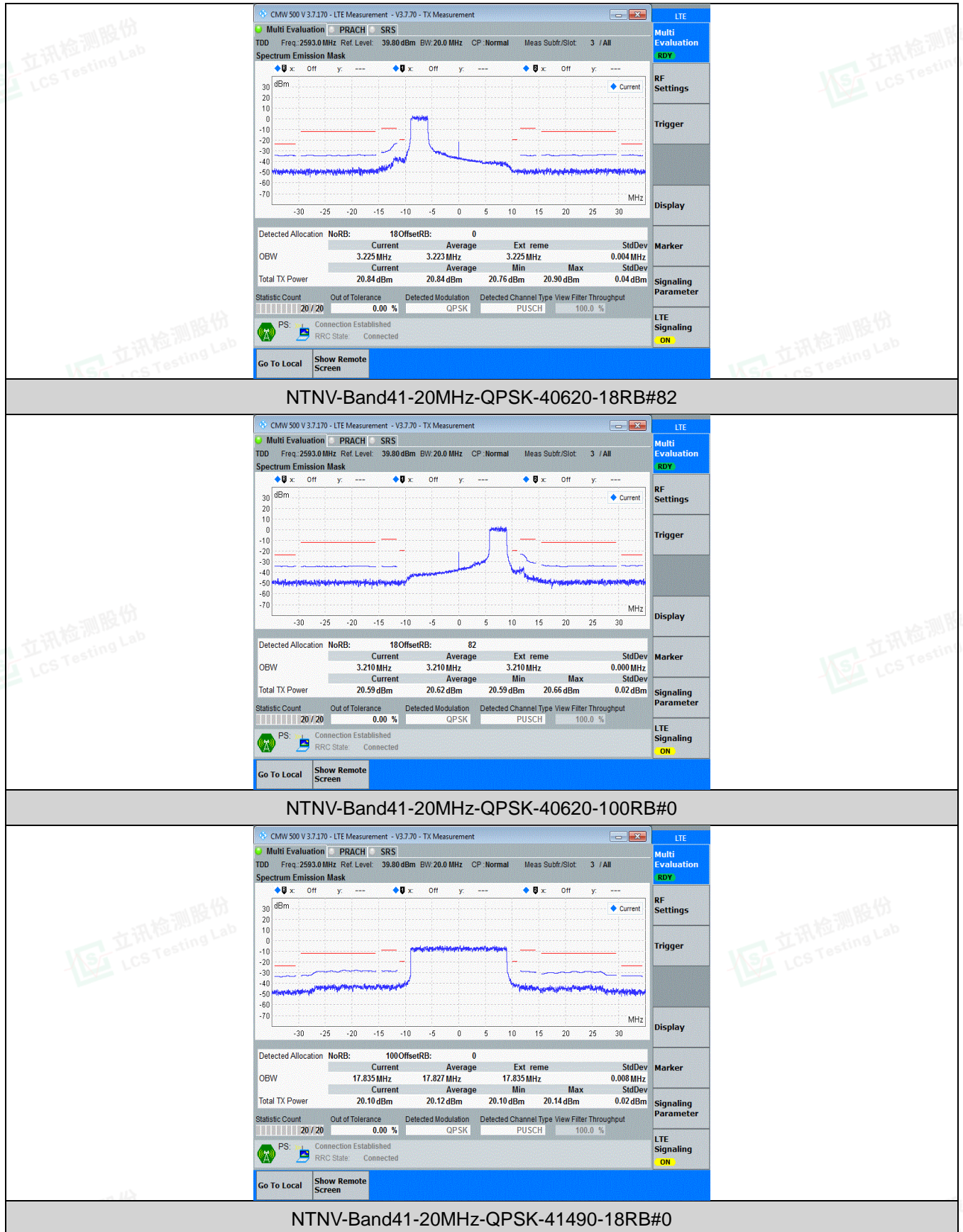


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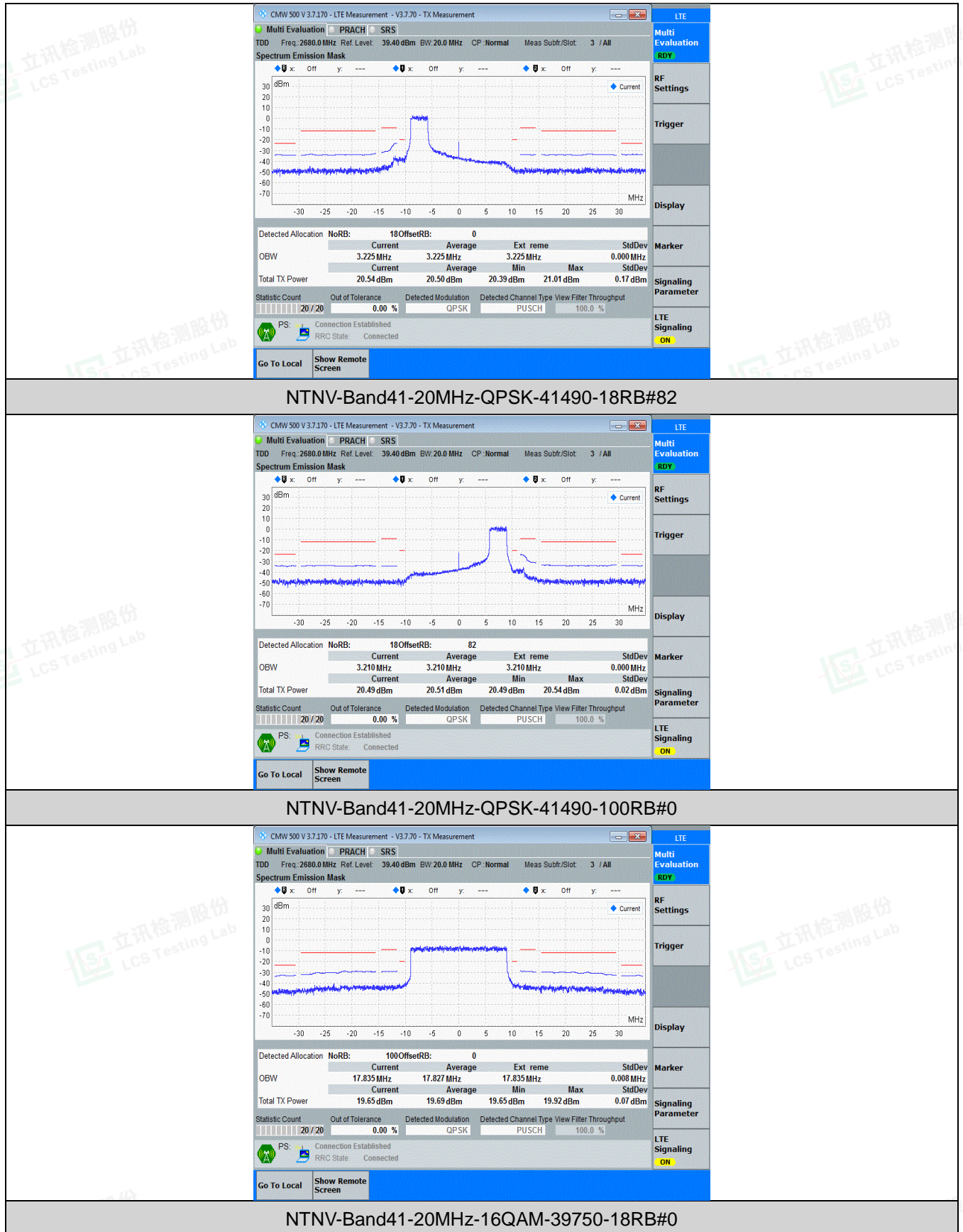


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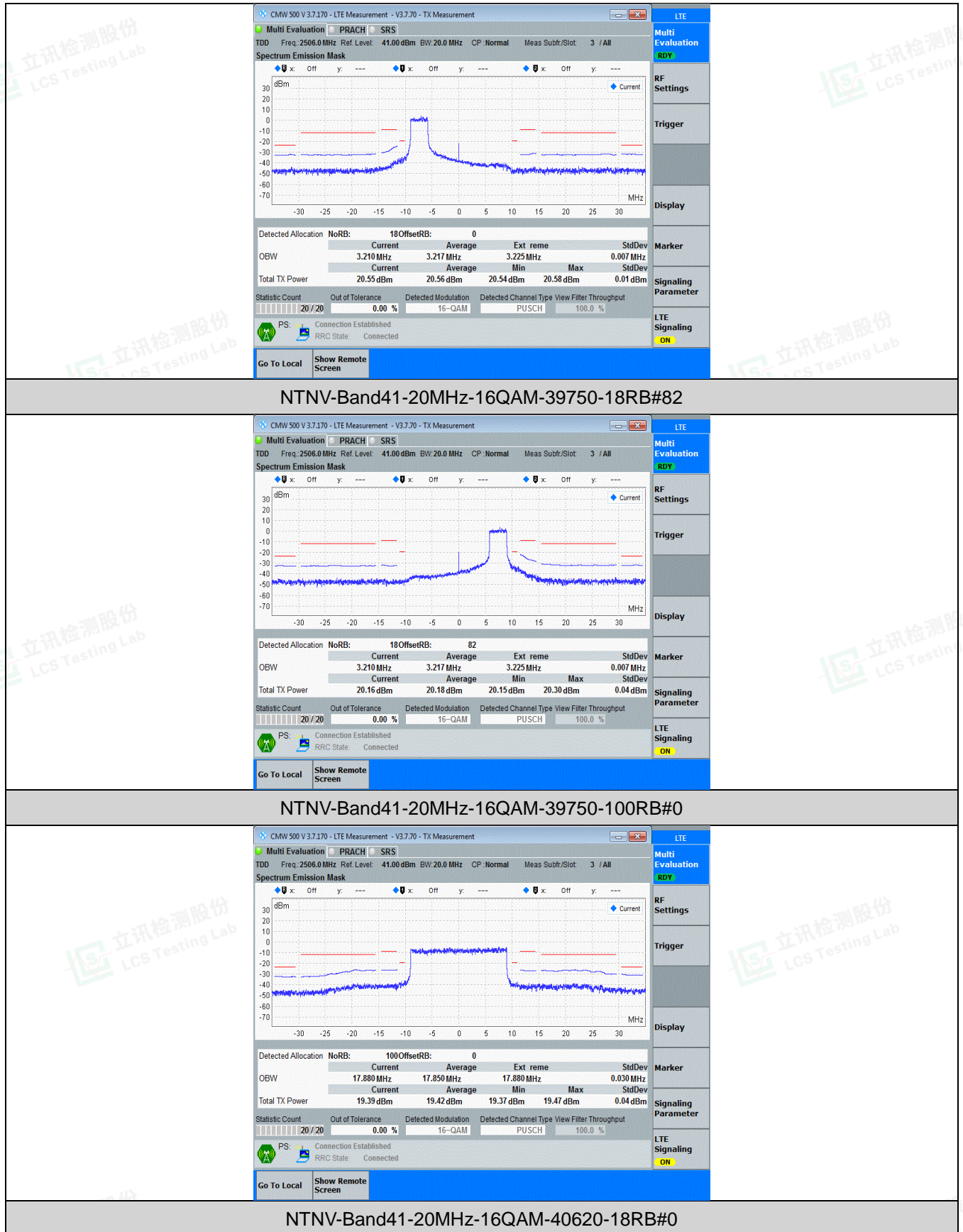


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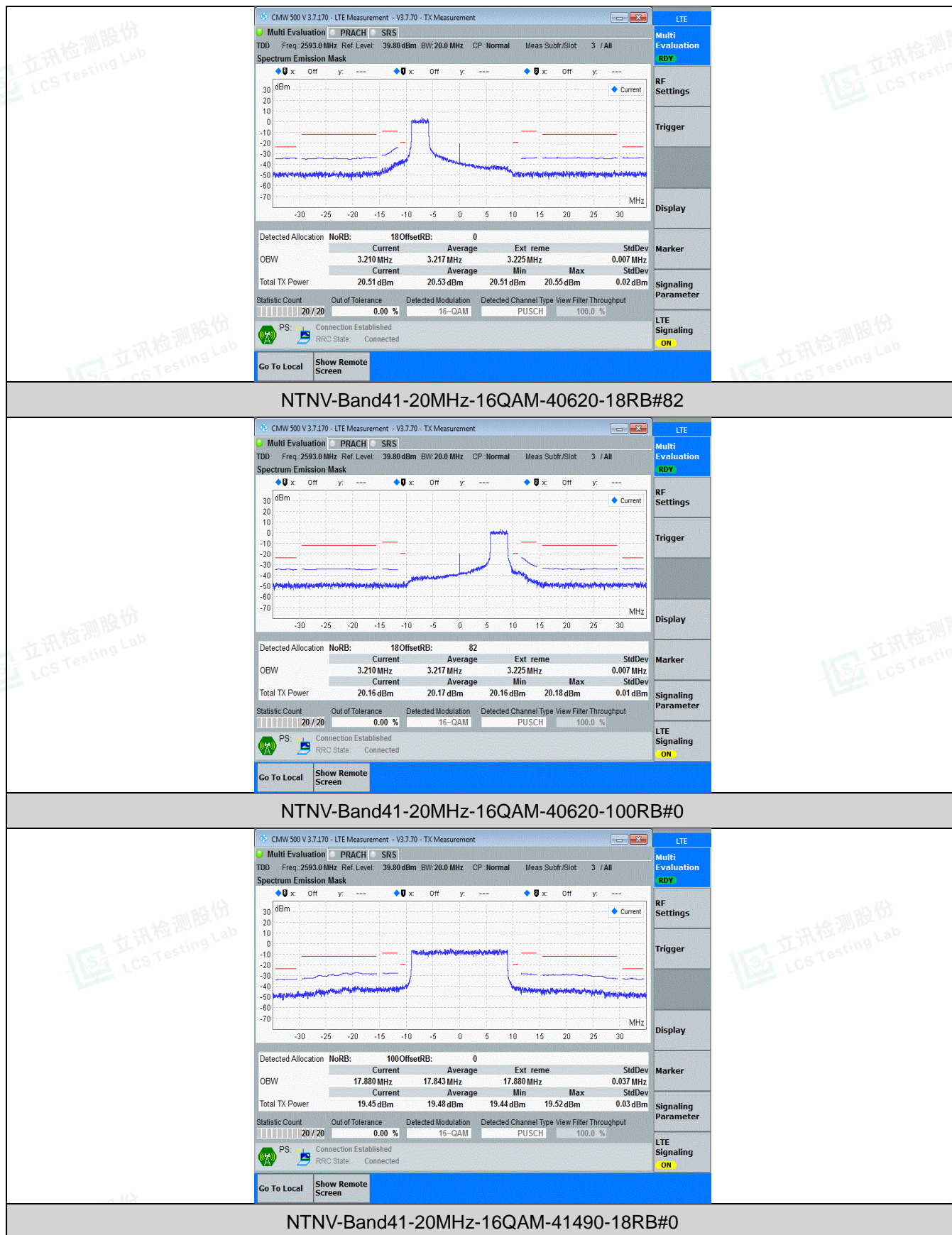


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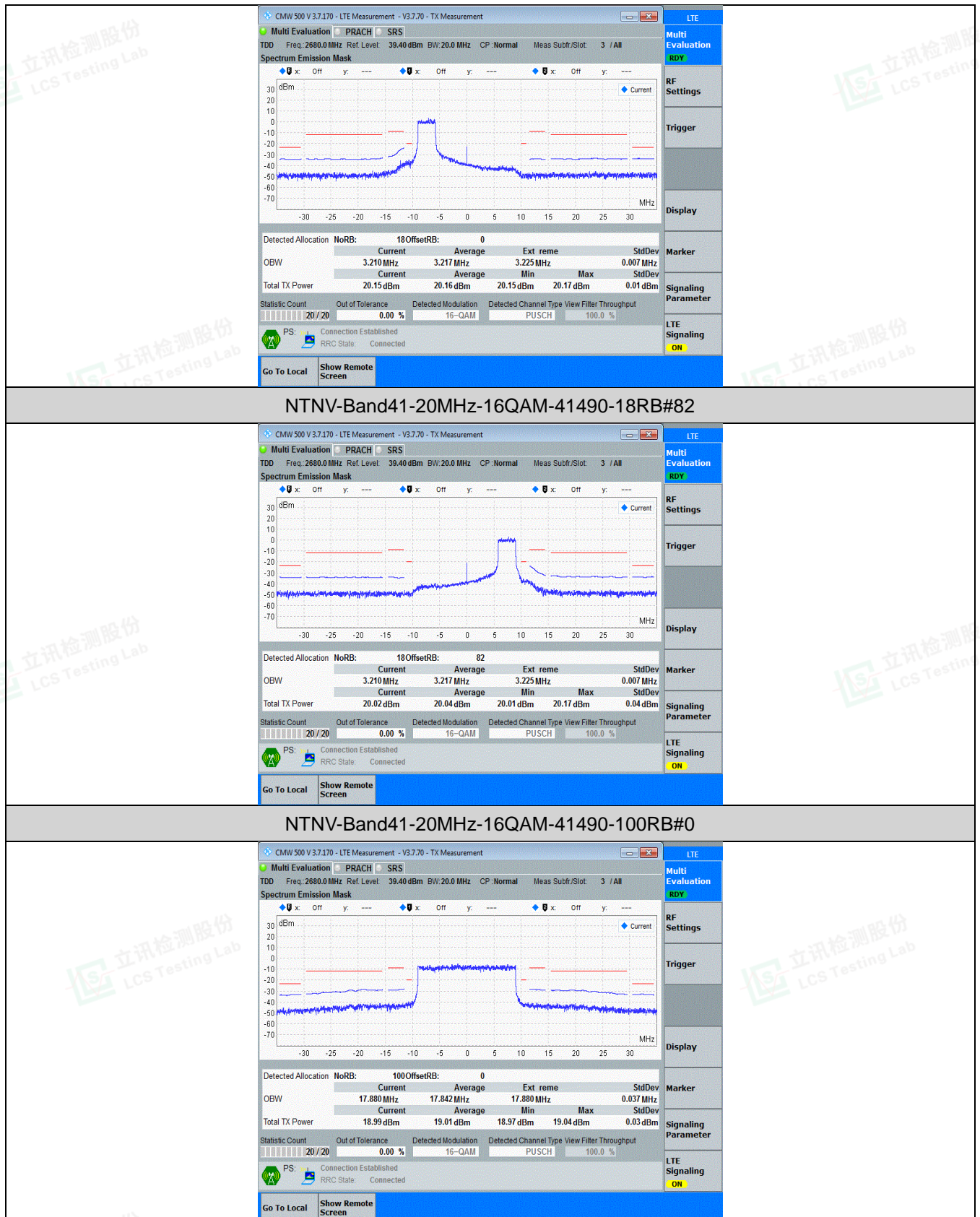


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H.4 Transmitter Adjacent Channel Leakage Power Ratio(ACLR)

Test Result

Condition	Band	Channel Bandwidth	Modulation	Channel	RB Configure	Result	Limit	Verdict
NTNV	Band41	5MHz	QPSK	39675	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	39675	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	39675	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	40620	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	40620	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	40620	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	41565	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	41565	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	QPSK	41565	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	39675	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	39675	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	39675	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	40620	8RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	40620	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	40620	25RB#0	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	41565	8RB#0	See graph	See graph	PASS



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NTNV	Band41	5MHz	16QAM	41565	8RB#17	See graph	See graph	PASS
NTNV	Band41	5MHz	16QAM	41565	25RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	39700	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	39700	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	39700	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	40620	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	40620	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	40620	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	41540	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	41540	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	QPSK	41540	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	39700	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	39700	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	39700	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	40620	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	40620	12RB#38	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	40620	50RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	41540	12RB#0	See graph	See graph	PASS
NTNV	Band41	10MHz	16QAM	41540	12RB#38	See graph	See	PASS



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							graph	
NTNV	Band41	10MHz	16QAM	41540	50RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	39750	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	39750	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	39750	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	40620	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	40620	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	40620	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	41490	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	41490	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	QPSK	41490	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	39750	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	39750	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	39750	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	40620	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	40620	18RB#82	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	40620	100RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	41490	18RB#0	See graph	See graph	PASS
NTNV	Band41	20MHz	16QAM	41490	18RB#82	See graph	See graph	PASS



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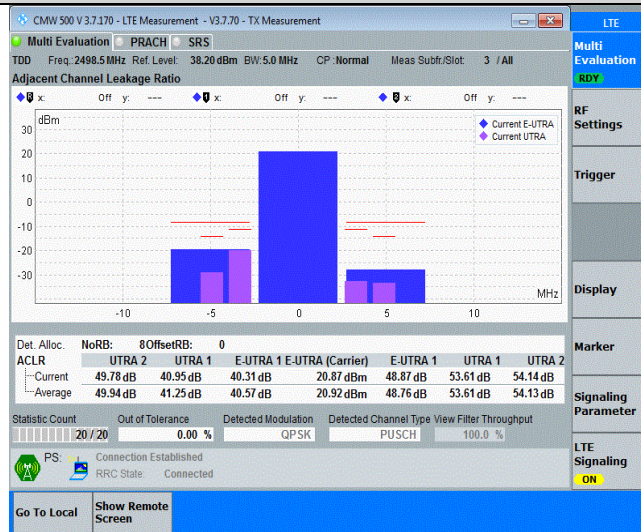
NTNV	Band41	20MHz	16QAM	41490	100RB#0	See graph	See graph	PASS
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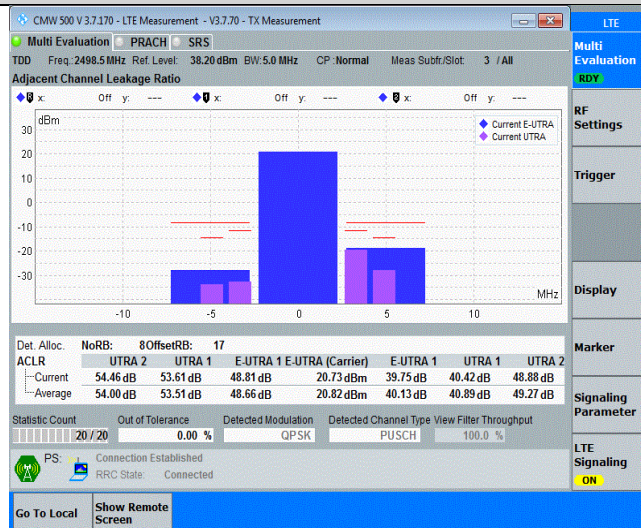


Test Graphs

NTNV-Band41-5MHz-QPSK-39675-8RB#0



NTNV-Band41-5MHz-QPSK-39675-8RB#17



NTNV-Band41-5MHz-QPSK-39675-25RB#0

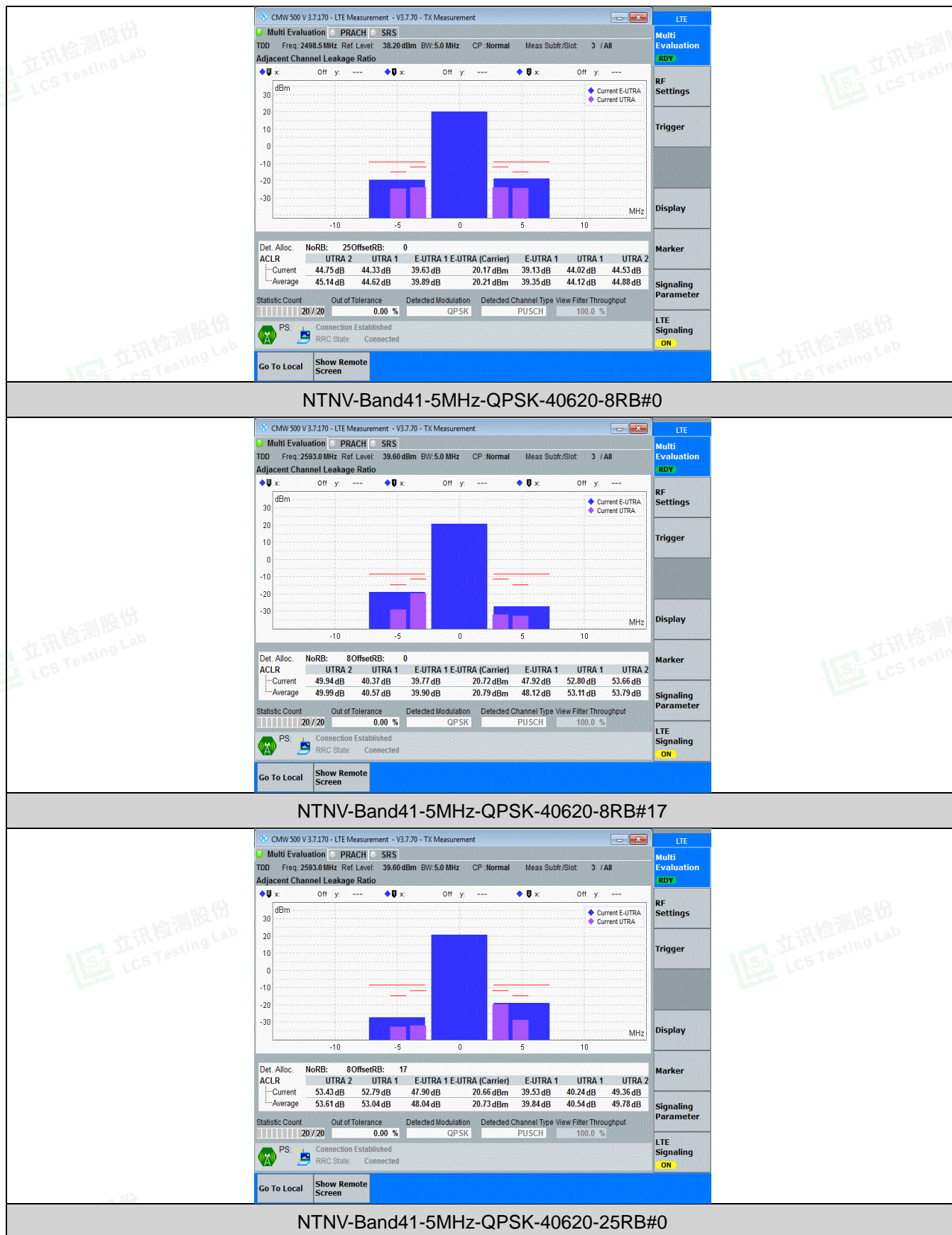


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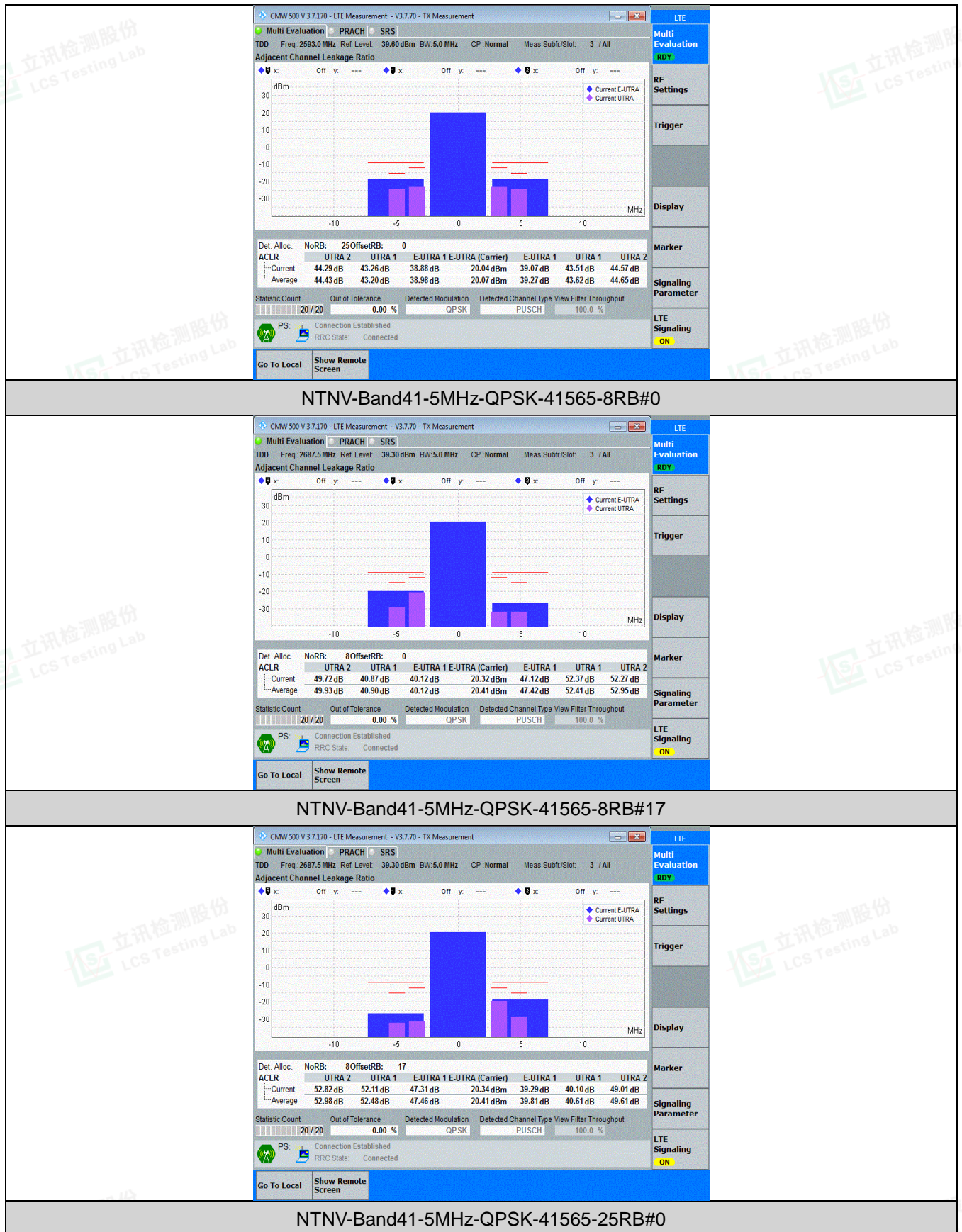


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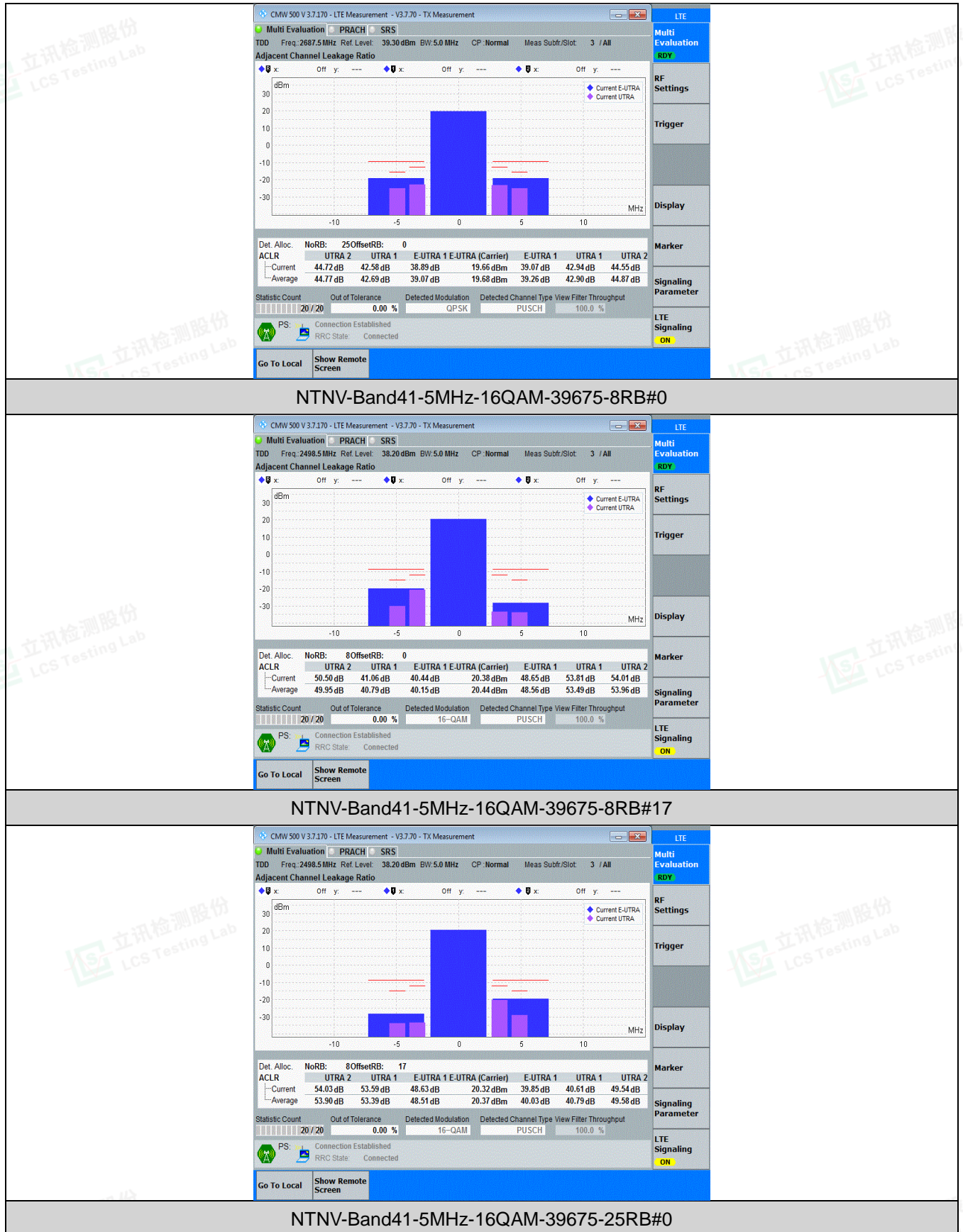


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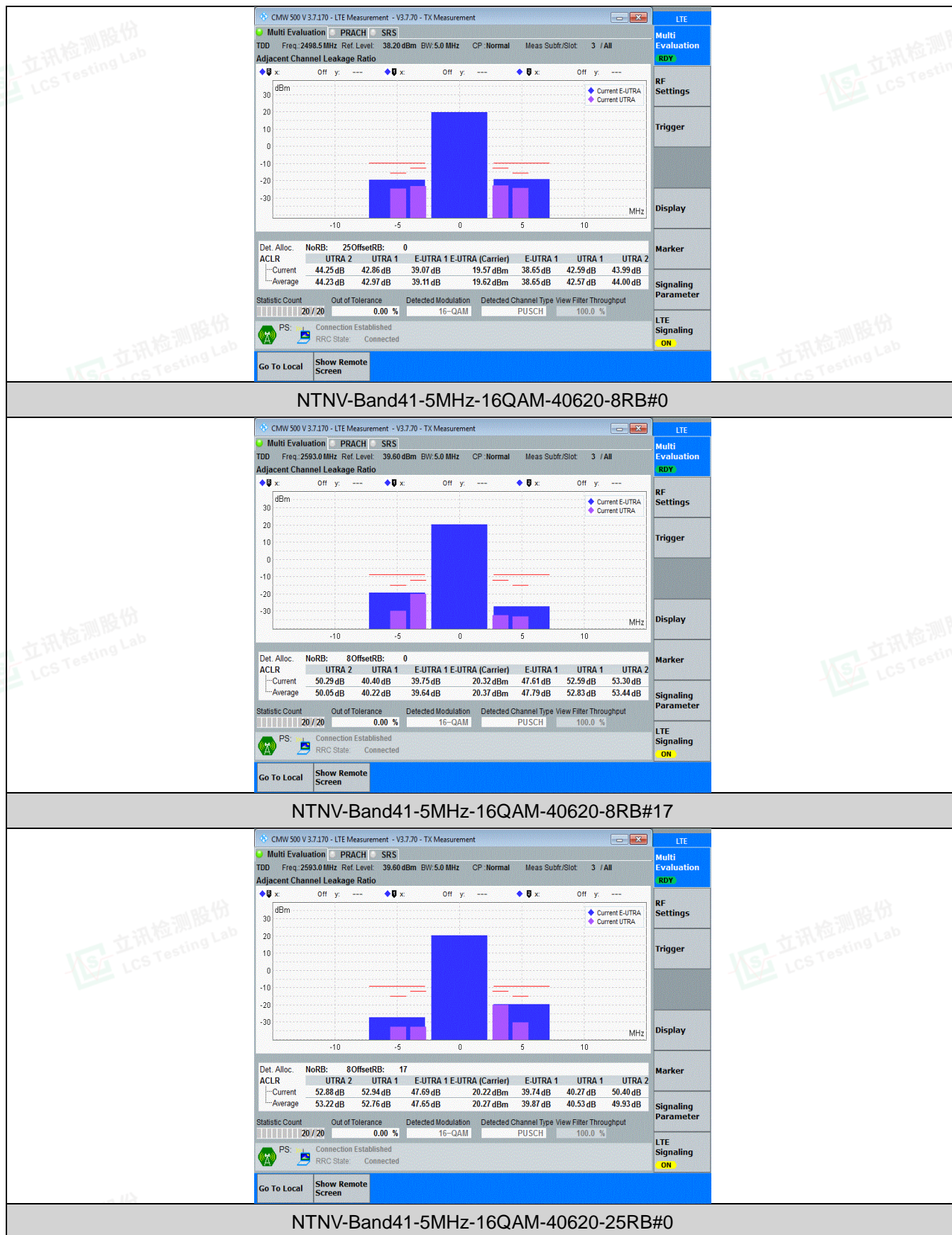


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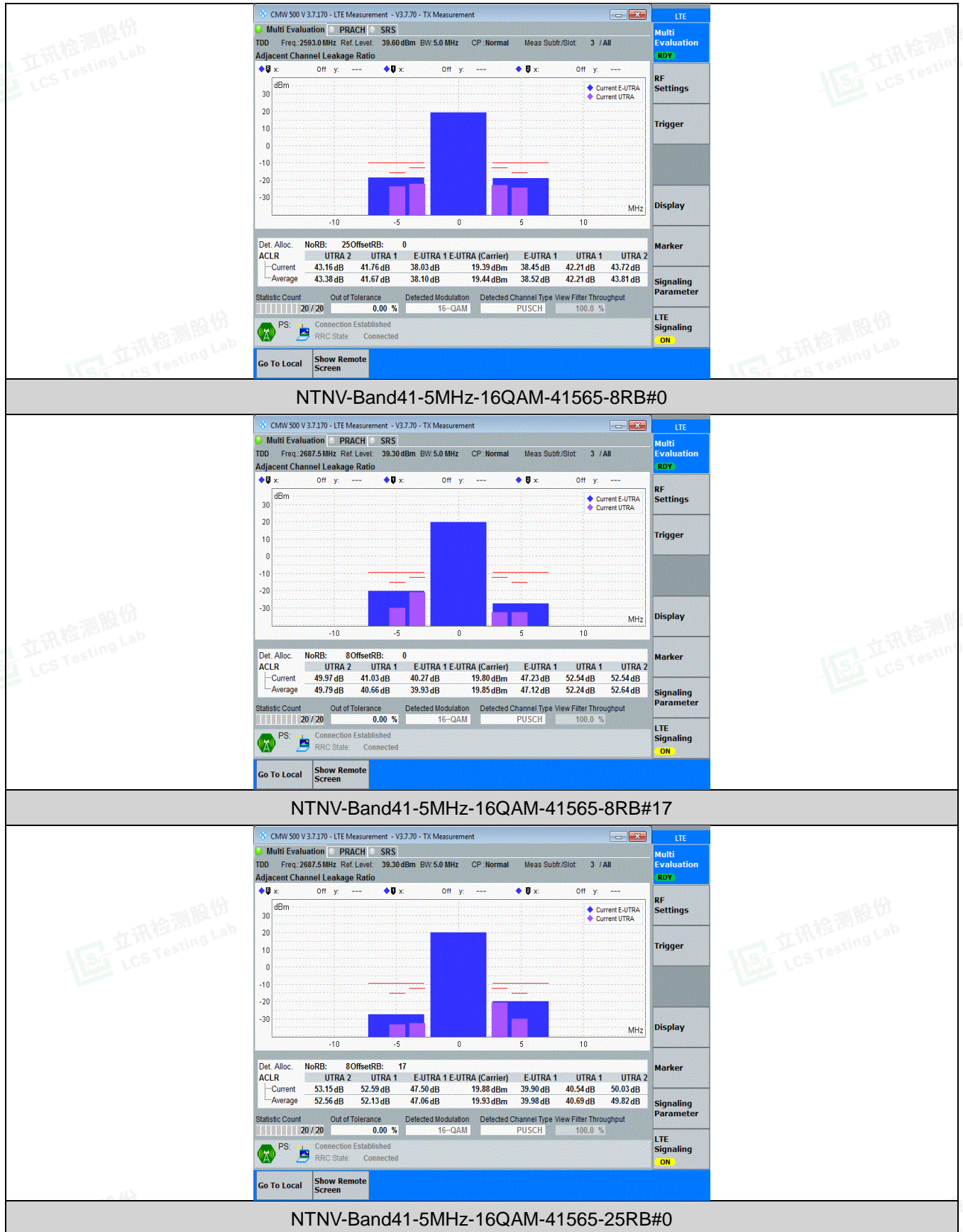


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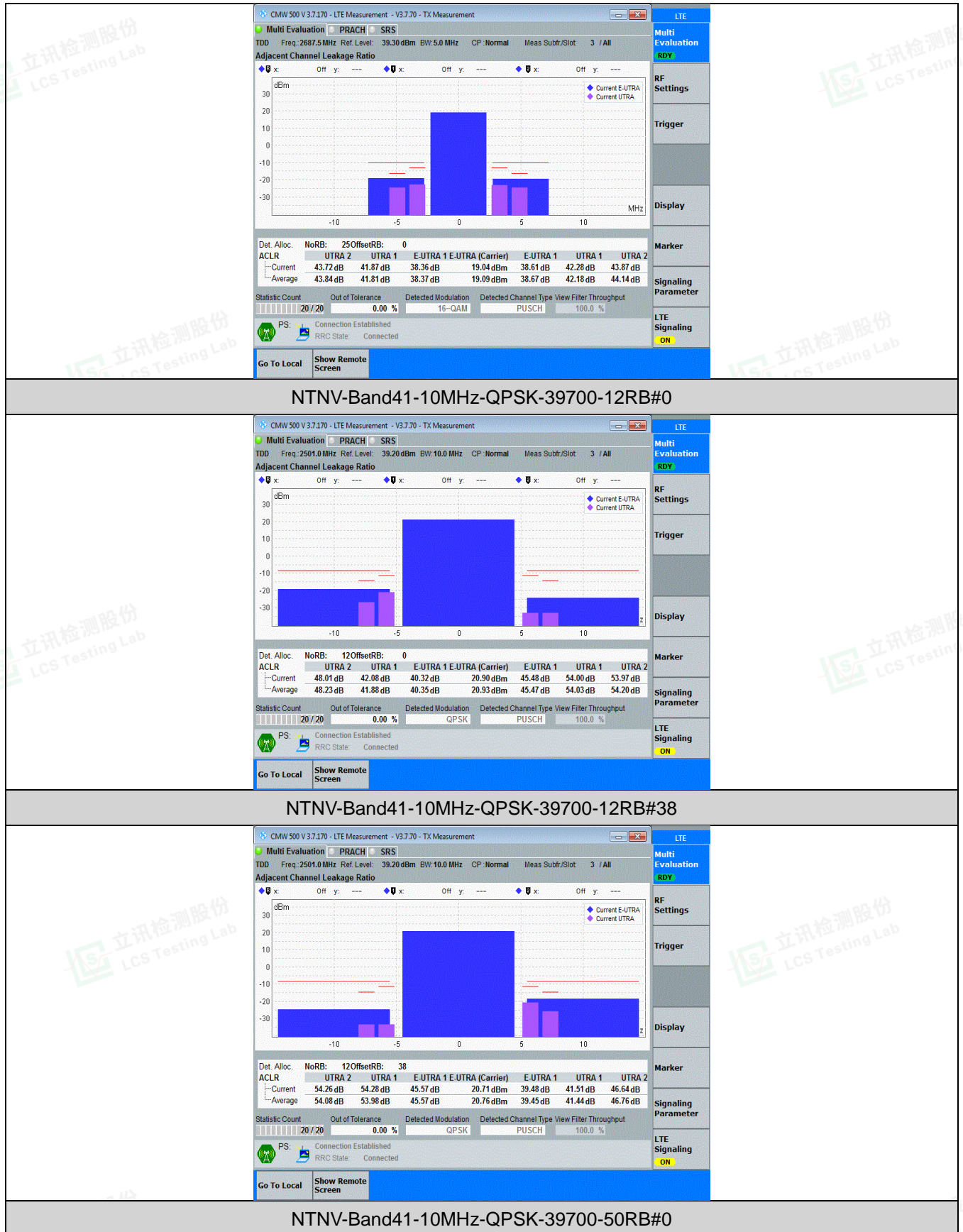


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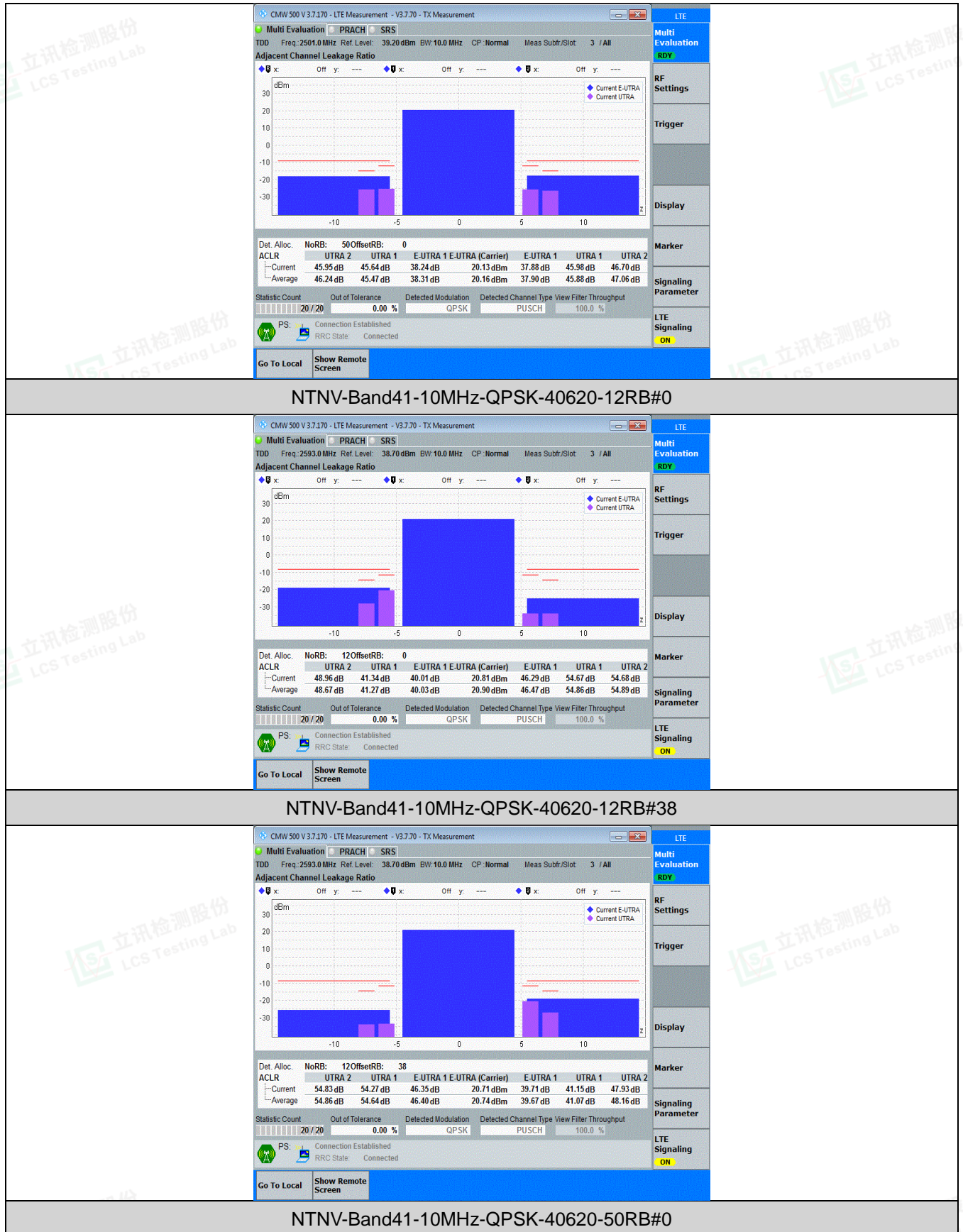


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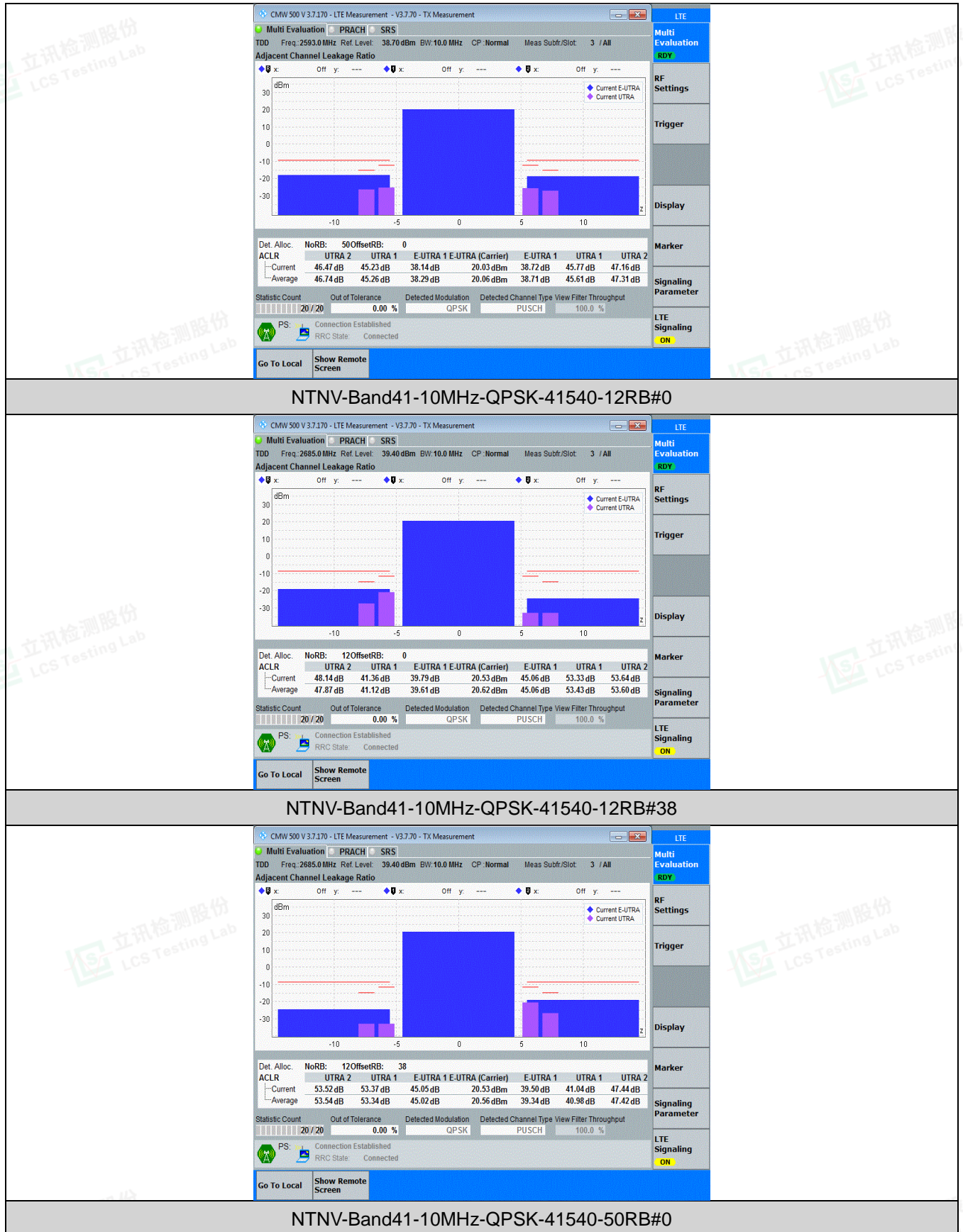


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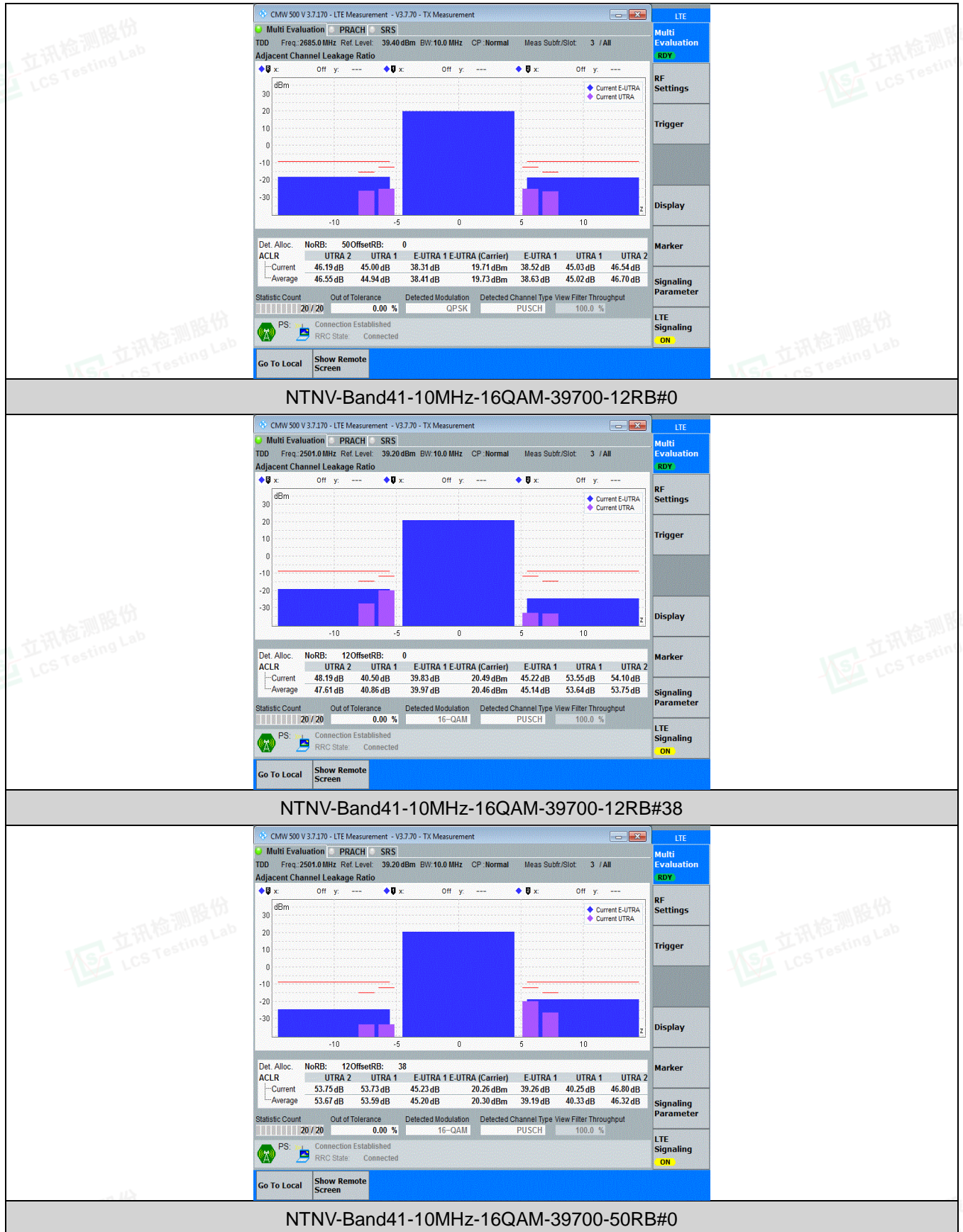


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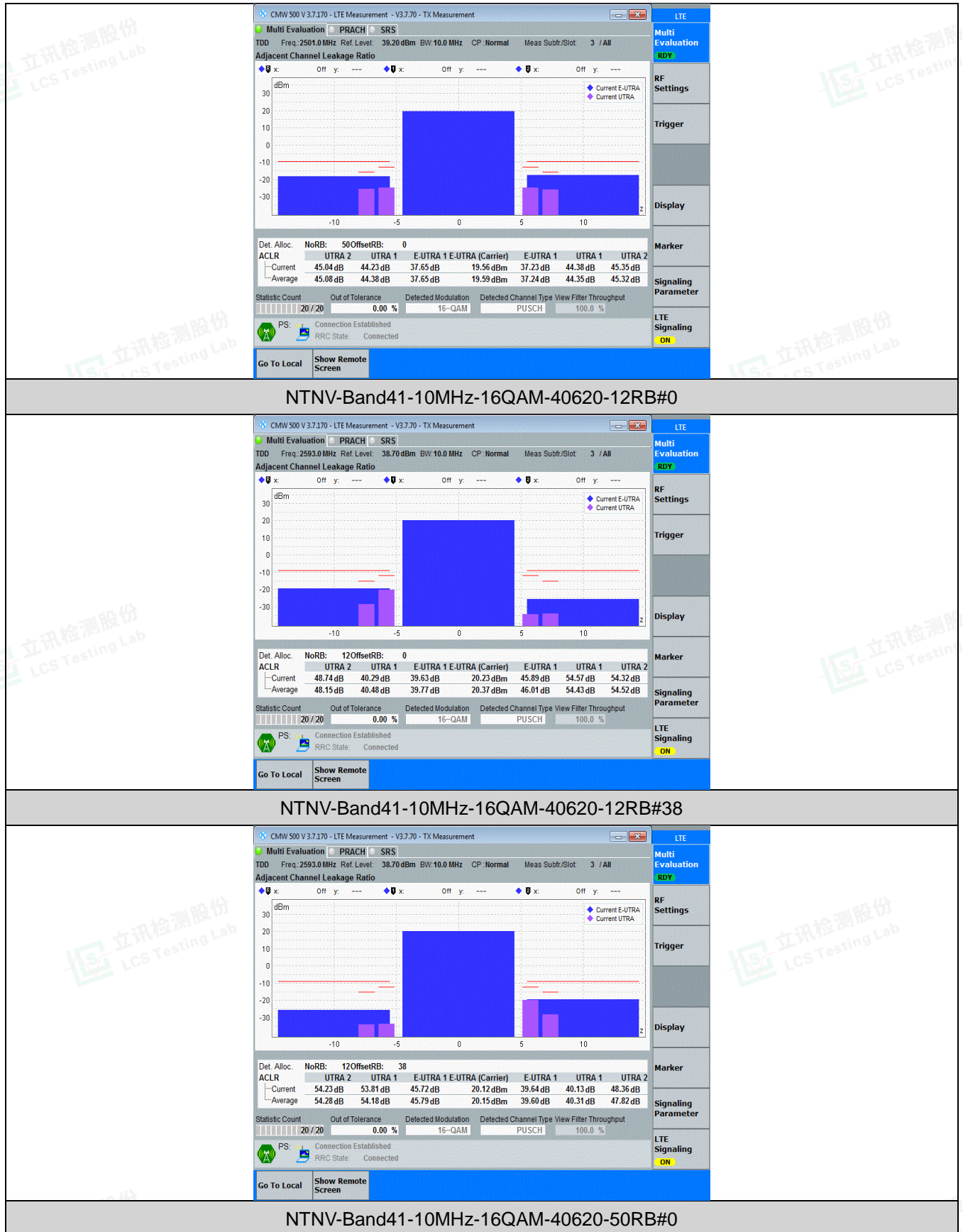


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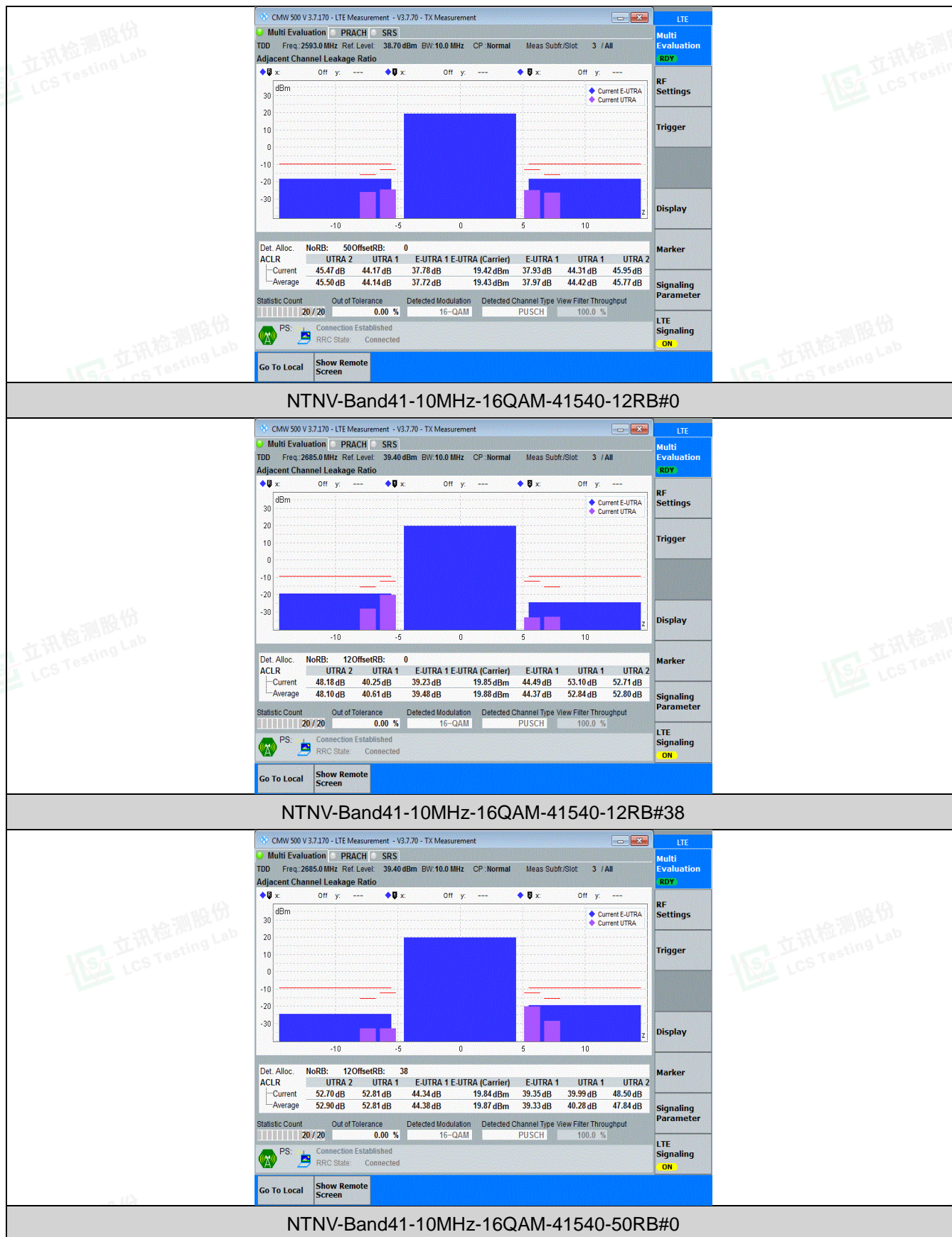


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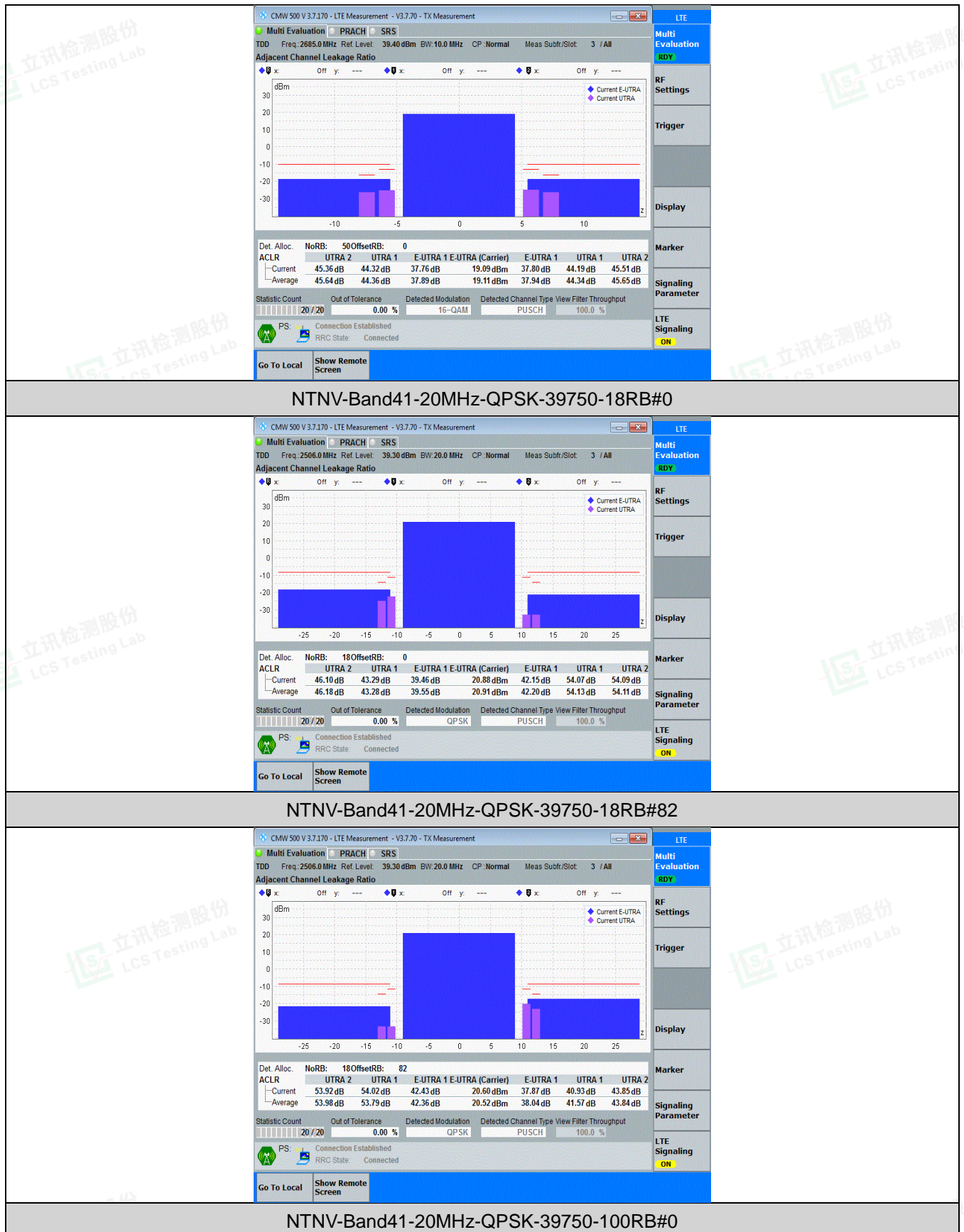


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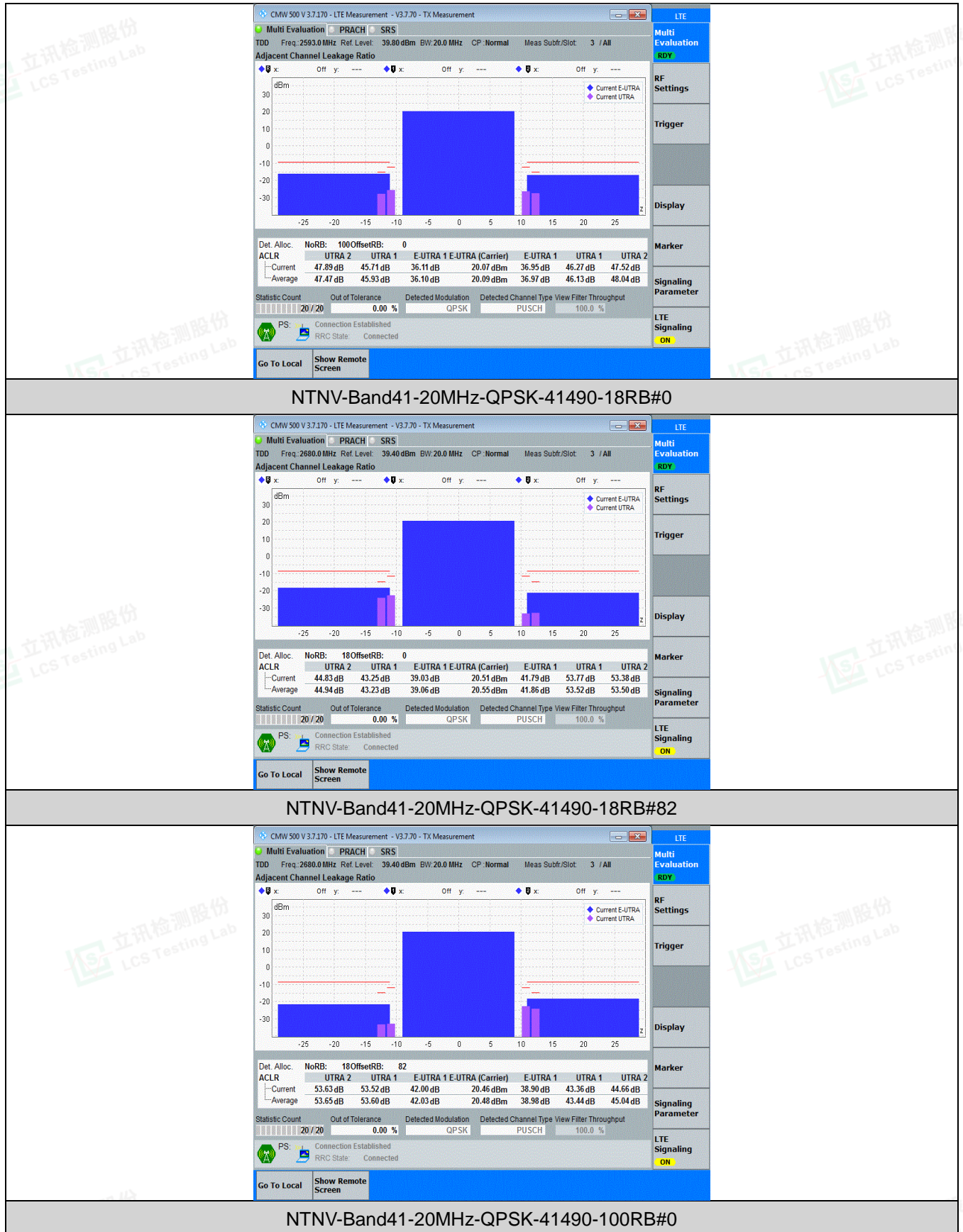


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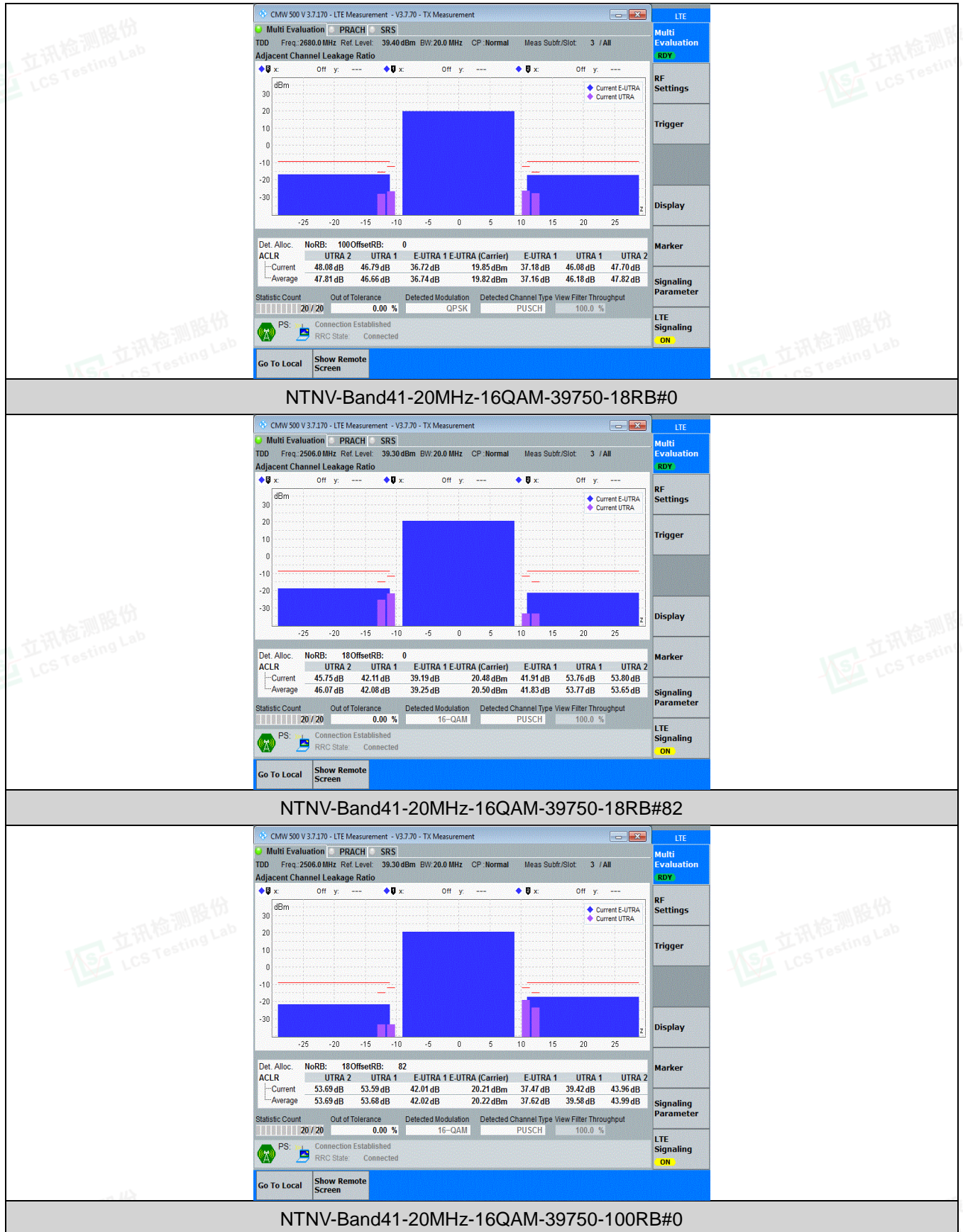


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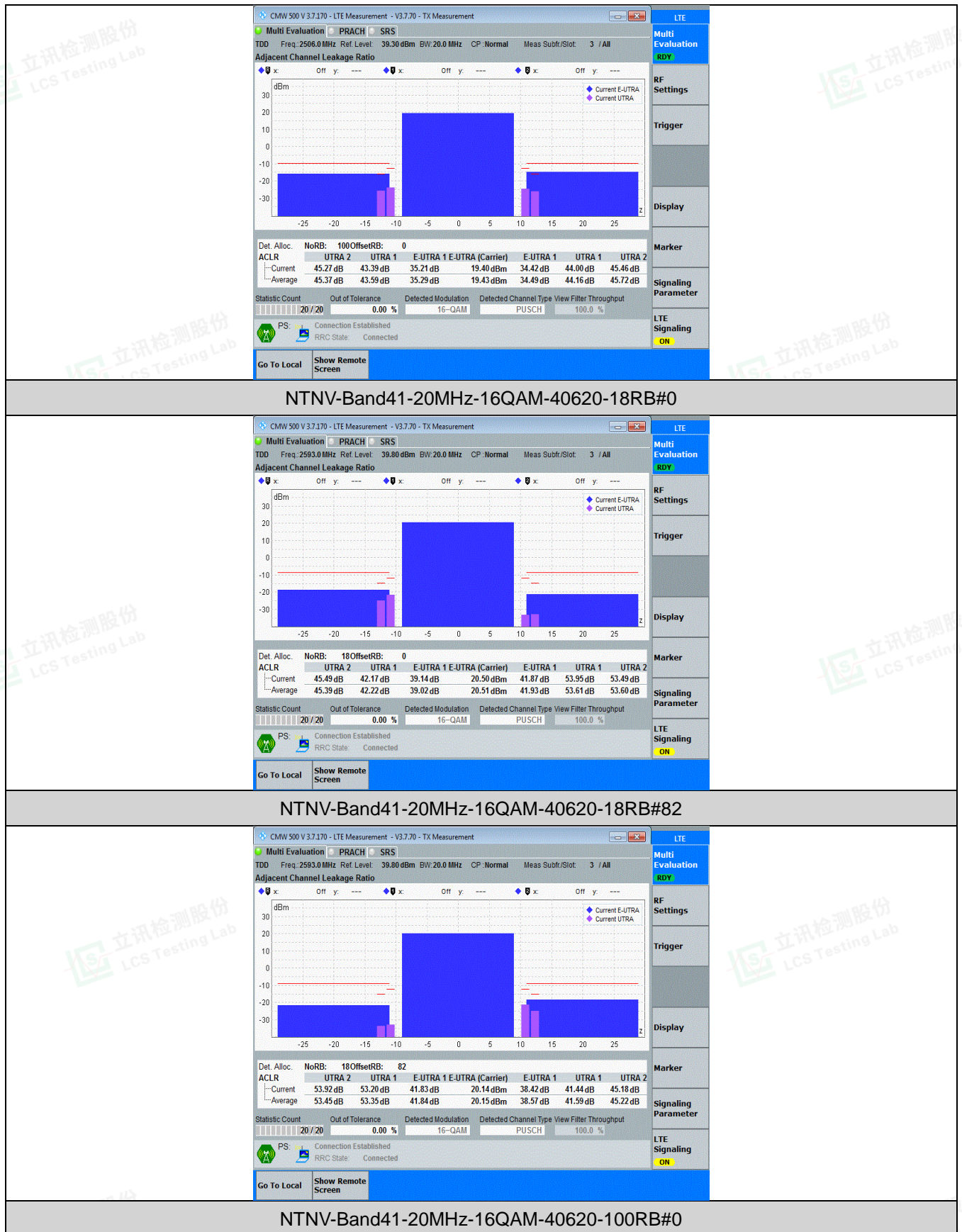


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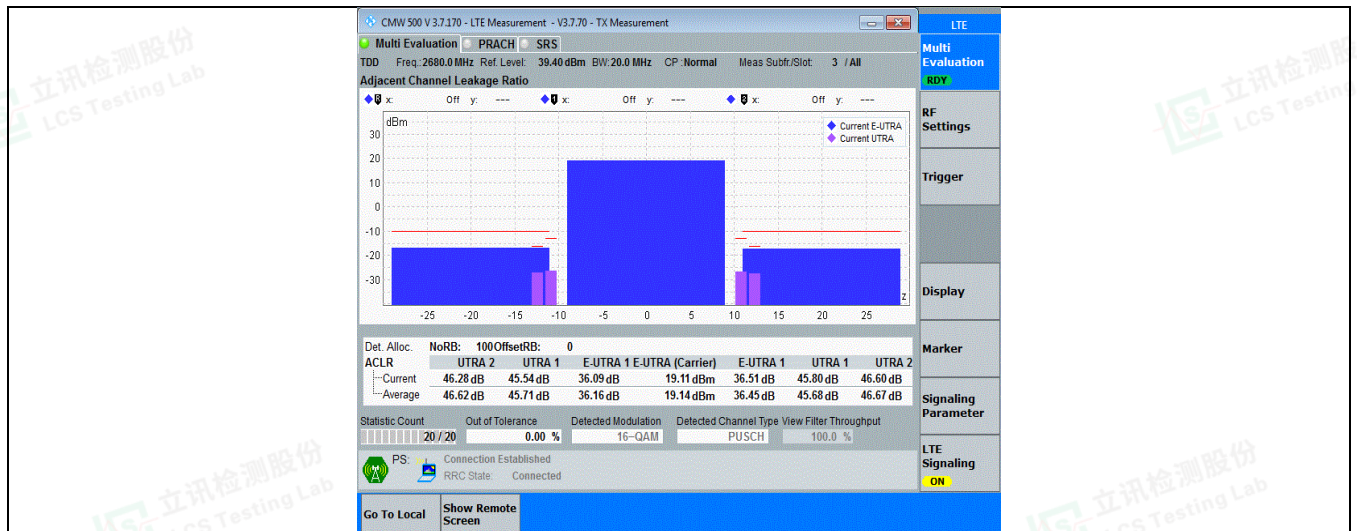


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H.5 Transmitter Spurious Emissions

Test Result- General

Band	Channel Bandwidth	Modulation	Channel	RB Configure	TestFrequency (MHz)	Max. Point		Limit (dBm)	Verdict
						Freq. (MHz)	Result (dBm)		
Band41	5MHz	QPSK	39675	1RB#0	0.009~0.15	0.01	-40.63	-36	PASS
Band41	5MHz	QPSK	39675	1RB#0	0.15~30	0.15	-43.12	-36	PASS
Band41	5MHz	QPSK	39675	1RB#0	30~1000	788.83	-73.54	-36	PASS
Band41	5MHz	QPSK	39675	1RB#0	1000~2485.5	2482.23	-62.87	-30	PASS
Band41	5MHz	QPSK	39675	1RB#0	2511.5~3000	2668.57	-61.21	-30	PASS
Band41	5MHz	QPSK	39675	1RB#0	3000~12750	12443.2	-53.32	-30	PASS
Band41	5MHz	QPSK	39675	25RB#0	0.009~0.15	0.01	-40.33	-36	PASS
Band41	5MHz	QPSK	39675	25RB#0	0.15~30	0.15	-42.26	-36	PASS
Band41	5MHz	QPSK	39675	25RB#0	30~1000	805.52	-73.38	-36	PASS
Band41	5MHz	QPSK	39675	25RB#0	1000~2485.5	2480.45	-62.82	-30	PASS
Band41	5MHz	QPSK	39675	25RB#0	2511.5~3000	2665.49	-61.32	-30	PASS
Band41	5MHz	QPSK	39675	25RB#0	3000~12750	12425.65	-53.43	-30	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.009~0.15	0.01	-41.09	-36	PASS
Band41	5MHz	QPSK	40620	1RB#0	0.15~30	0.15	-42.75	-36	PASS
Band41	5MHz	QPSK	40620	1RB#0	30~1000	791.77	-73.29	-36	PASS
Band41	5MHz	QPSK	40620	1RB#0	1000~2580	2508.22	-62.3	-30	PASS
Band41	5MHz	QPSK	40620	1RB#0	2606~3000	2666.56	-61.23	-30	PASS
Band41	5MHz	QPSK	40620	1RB#0	3000~12750	12433.13	-53.38	-30	PASS
Band41	5MHz	QPSK	40620	25RB#0	0.009~0.15	0.01	-39.11	-36	PASS
Band41	5MHz	QPSK	40620	25RB#0	0.15~30	0.15	-42.15	-36	PASS
Band41	5MHz	QPSK	40620	25RB#0	30~1000	214.11	-73.21	-36	PASS
Band41	5MHz	QPSK	40620	25RB#0	1000~2580	2551.93	-62.31	-30	PASS
Band41	5MHz	QPSK	40620	25RB#0	2606~3000	2666.22	-61.29	-30	PASS
Band41	5MHz	QPSK	40620	25RB#0	3000~12750	12412	-53.45	-30	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.009~0.15	0.01	-40.91	-36	PASS
Band41	5MHz	QPSK	41565	1RB#0	0.15~30	0.15	-42.88	-36	PASS
Band41	5MHz	QPSK	41565	1RB#0	30~1000	913.51	-73.44	-36	PASS
Band41	5MHz	QPSK	41565	1RB#0	1000~2674.5	2657.53	-62.05	-30	PASS
Band41	5MHz	QPSK	41565	1RB#0	2700.5~3000	2763.68	-61.05	-30	PASS
Band41	5MHz	QPSK	41565	1RB#0	3000~12750	12430.2	-53.29	-30	PASS
Band41	5MHz	QPSK	41565	25RB#0	0.009~0.15	0.01	-41.04	-36	PASS



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Band41	5MHz	QPSK	41565	25RB#0	0.15~30	0.15	-42.85	-36	PASS
Band41	5MHz	QPSK	41565	25RB#0	30~1000	926.93	-73.09	-36	PASS
Band41	5MHz	QPSK	41565	25RB#0	1000~2674.5	2670.7	-62.09	-30	PASS
Band41	5MHz	QPSK	41565	25RB#0	2700.5~3000	2780.08	-61.1	-30	PASS
Band41	5MHz	QPSK	41565	25RB#0	3000~12750	12421.43	-53.37	-30	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.009~0.15	0.01	-40.93	-36	PASS
Band41	20MHz	QPSK	39750	1RB#0	0.15~30	0.15	-43.49	-36	PASS
Band41	20MHz	QPSK	39750	1RB#0	30~1000	787.54	-73.19	-36	PASS
Band41	20MHz	QPSK	39750	1RB#0	1000~2470.5	2458.74	-63	-30	PASS
Band41	20MHz	QPSK	39750	1RB#0	2541.5~3000	2661.35	-61.05	-30	PASS
Band41	20MHz	QPSK	39750	1RB#0	3000~12750	12426.95	-53.42	-30	PASS
Band41	20MHz	QPSK	39750	100RB#0	0.009~0.15	0.01	-41.09	-36	PASS
Band41	20MHz	QPSK	39750	100RB#0	0.15~30	0.15	-42.92	-36	PASS
Band41	20MHz	QPSK	39750	100RB#0	30~1000	220.48	-73.45	-36	PASS
Band41	20MHz	QPSK	39750	100RB#0	1000~2470.5	2467.76	-63.01	-30	PASS
Band41	20MHz	QPSK	39750	100RB#0	2541.5~3000	2659.64	-61.08	-30	PASS
Band41	20MHz	QPSK	39750	100RB#0	3000~12750	12429.23	-53.34	-30	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.009~0.15	0.01	-40.55	-36	PASS
Band41	20MHz	QPSK	40620	1RB#0	0.15~30	0.15	-42.99	-36	PASS
Band41	20MHz	QPSK	40620	1RB#0	30~1000	222.64	-73.35	-36	PASS
Band41	20MHz	QPSK	40620	1RB#0	1000~2557.5	2545.46	-62.33	-30	PASS
Band41	20MHz	QPSK	40620	1RB#0	2628.5~3000	2671.95	-61.27	-30	PASS
Band41	20MHz	QPSK	40620	1RB#0	3000~12750	12426.63	-53.39	-30	PASS
Band41	20MHz	QPSK	40620	100RB#0	0.009~0.15	0.01	-41.04	-36	PASS
Band41	20MHz	QPSK	40620	100RB#0	0.15~30	0.15	-43.48	-36	PASS
Band41	20MHz	QPSK	40620	100RB#0	30~1000	793.45	-73.16	-36	PASS
Band41	20MHz	QPSK	40620	100RB#0	1000~2557.5	2542.81	-62.33	-30	PASS
Band41	20MHz	QPSK	40620	100RB#0	2628.5~3000	2648	-61.39	-30	PASS
Band41	20MHz	QPSK	40620	100RB#0	3000~12750	12462.38	-53.56	-30	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.009~0.15	0.01	-40.66	-36	PASS
Band41	20MHz	QPSK	41490	1RB#0	0.15~30	0.15	-43.01	-36	PASS
Band41	20MHz	QPSK	41490	1RB#0	30~1000	895.63	-73.22	-36	PASS
Band41	20MHz	QPSK	41490	1RB#0	1000~2644.5	2633.65	-62	-30	PASS
Band41	20MHz	QPSK	41490	1RB#0	2715.5~3000	2792.66	-61.05	-30	PASS
Band41	20MHz	QPSK	41490	1RB#0	3000~12750	12437.68	-53.5	-30	PASS
Band41	20MHz	QPSK	41490	100RB#0	0.009~0.15	0.01	-40.7	-36	PASS



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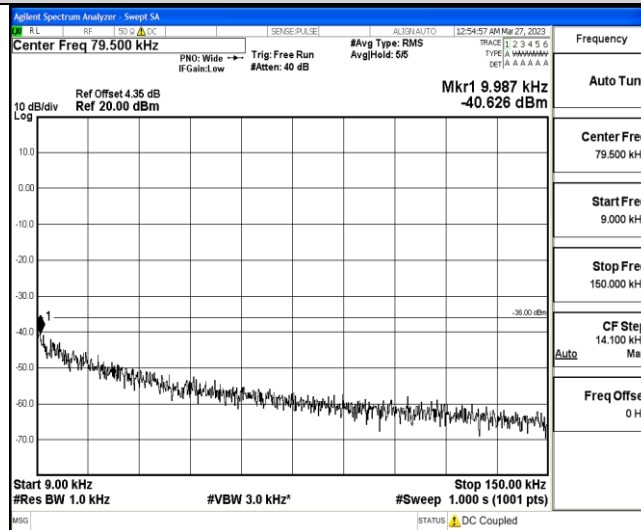
Band41	20MHz	QPSK	41490	100RB#0	0.15~30	0.15	-43.13	-36	PASS
Band41	20MHz	QPSK	41490	100RB#0	30~1000	185.2	-72.93	-36	PASS
Band41	20MHz	QPSK	41490	100RB#0	1000~2644.5	2630.3	-62.16	-30	PASS
Band41	20MHz	QPSK	41490	100RB#0	2715.5~3000	2772.58	-61.07	-30	PASS
Band41	20MHz	QPSK	41490	100RB#0	3000~12750	12411.35	-53.39	-30	PASS



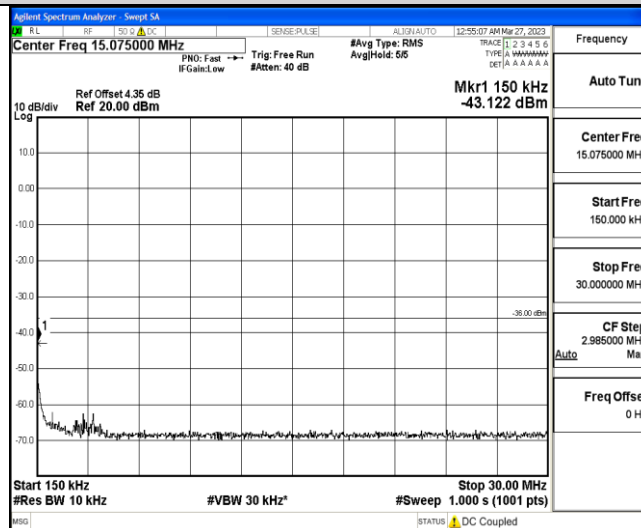


Test Graphs - General

Band41-5MHz-QPSK-39675-1RB#0-0.009~0.15



Band41-5MHz-QPSK-39675-1RB#0-0.15~30



Band41-5MHz-QPSK-39675-1RB#0-30~1000

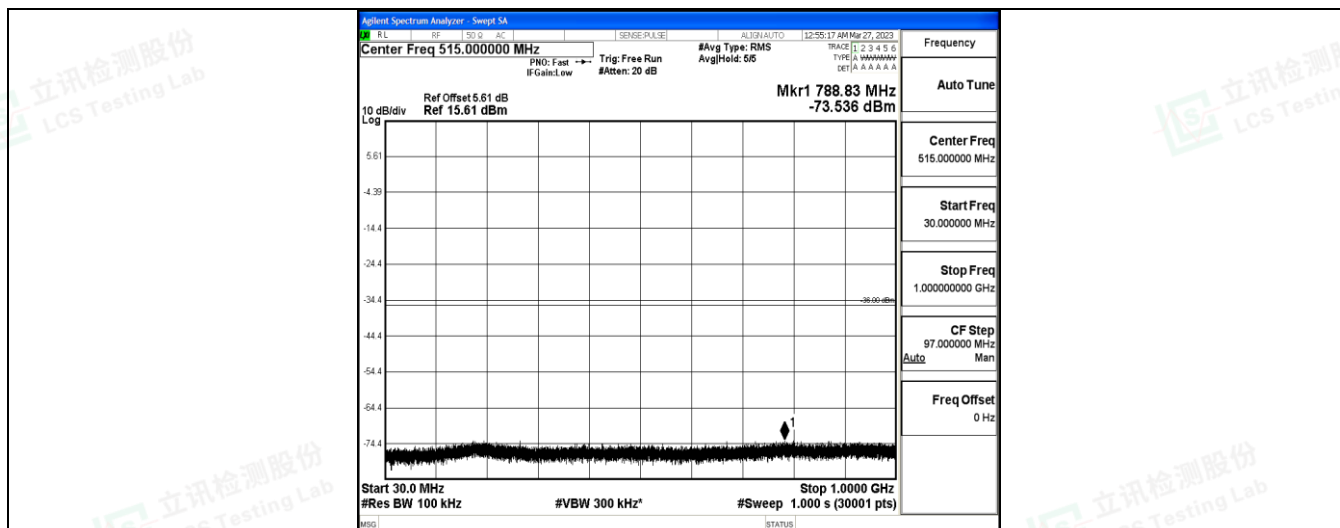


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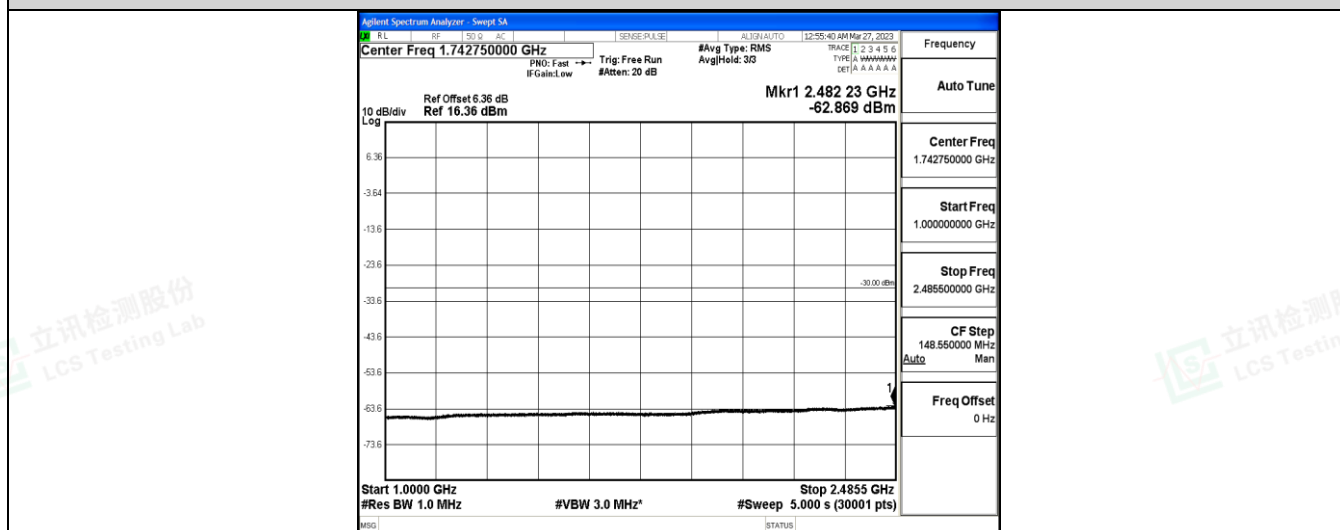
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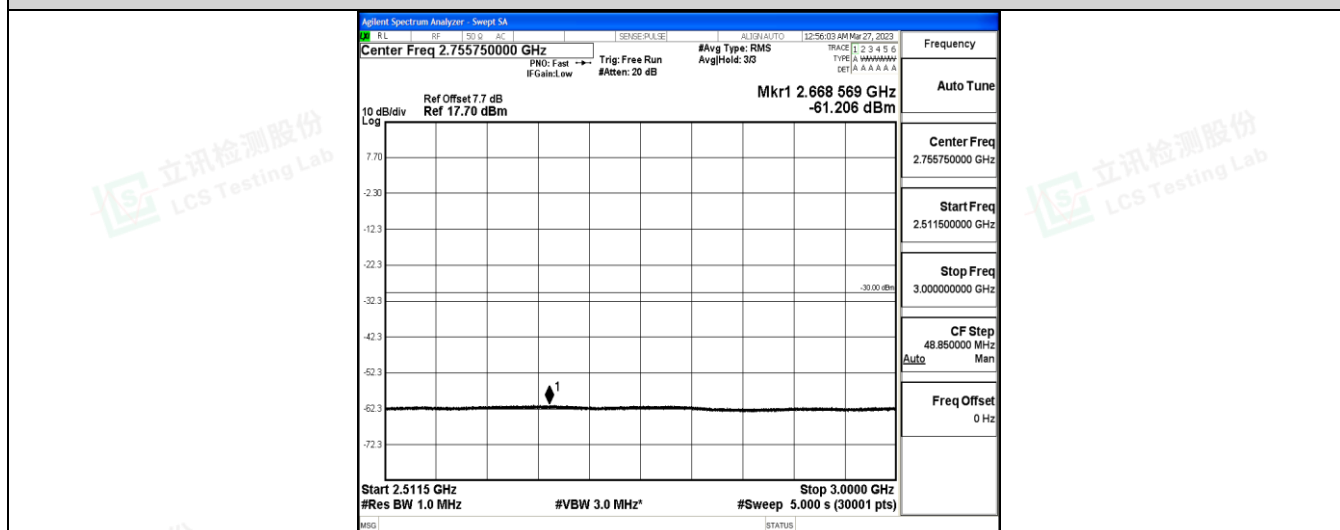
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Band41-5MHz-QPSK-39675-1RB#0-1000~2485.5



Band41-5MHz-QPSK-39675-1RB#0-2511.5~3000



Band41-5MHz-QPSK-39675-1RB#0-3000~12750

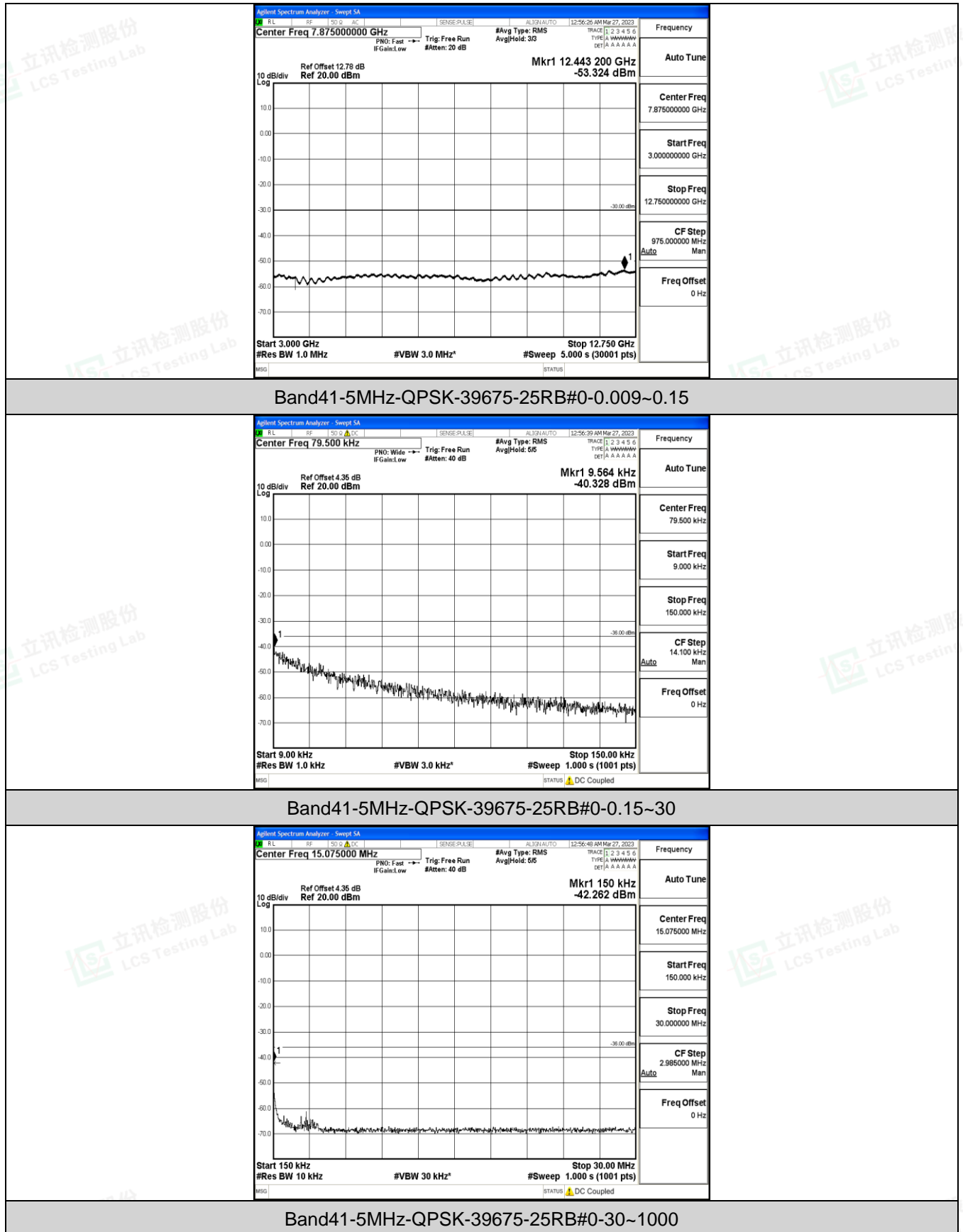


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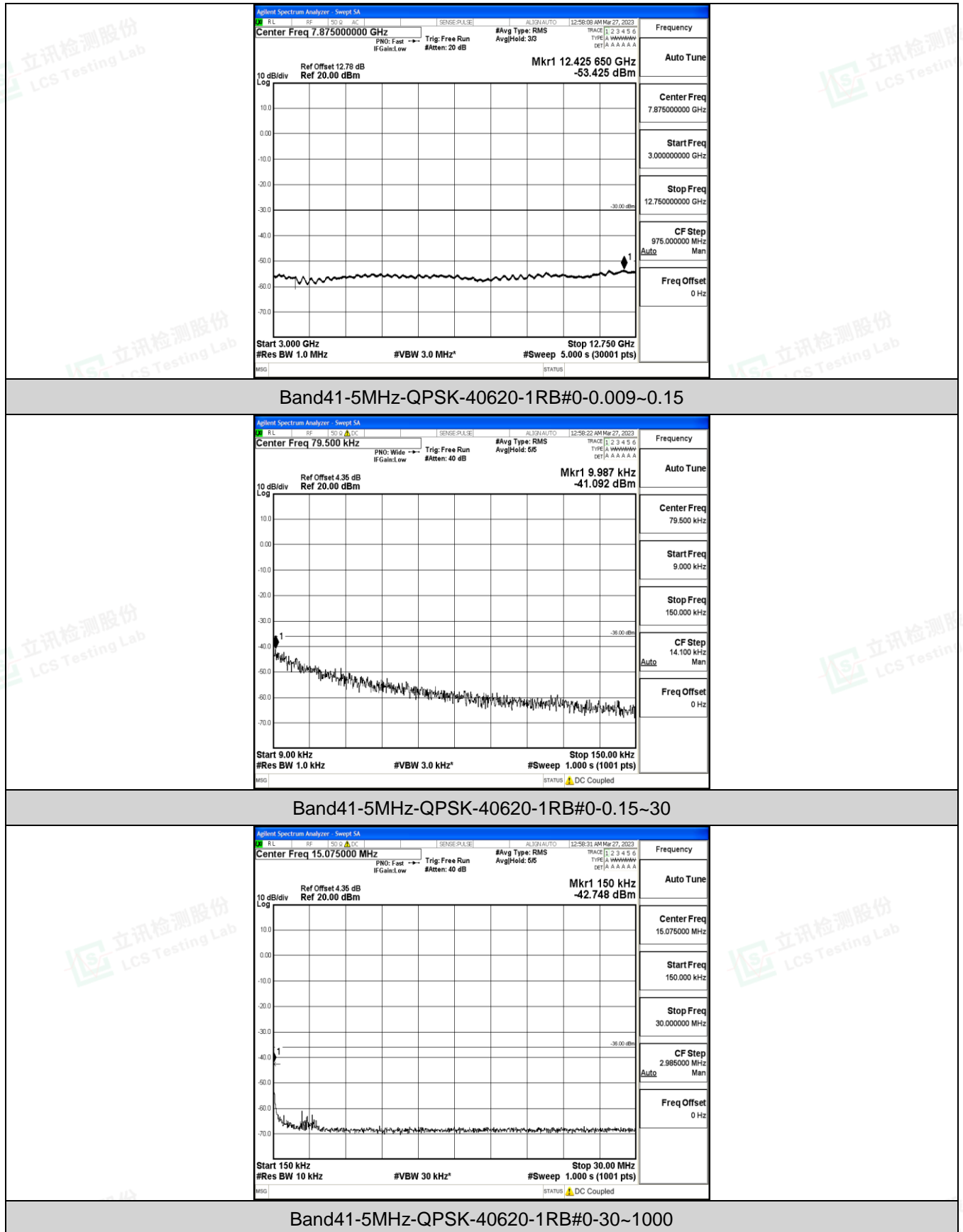


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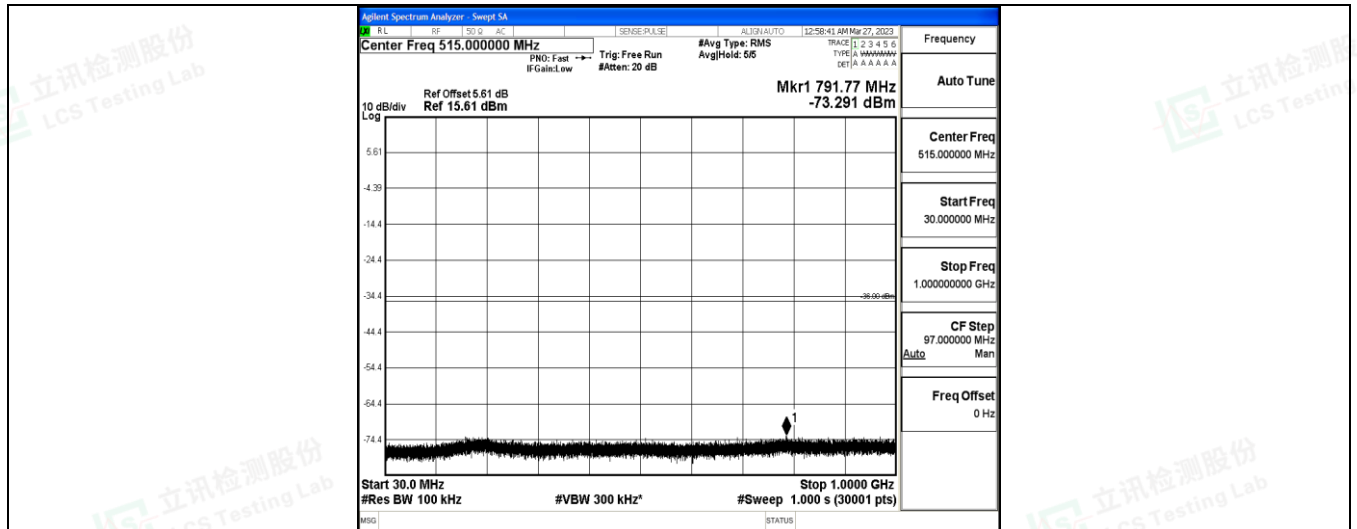


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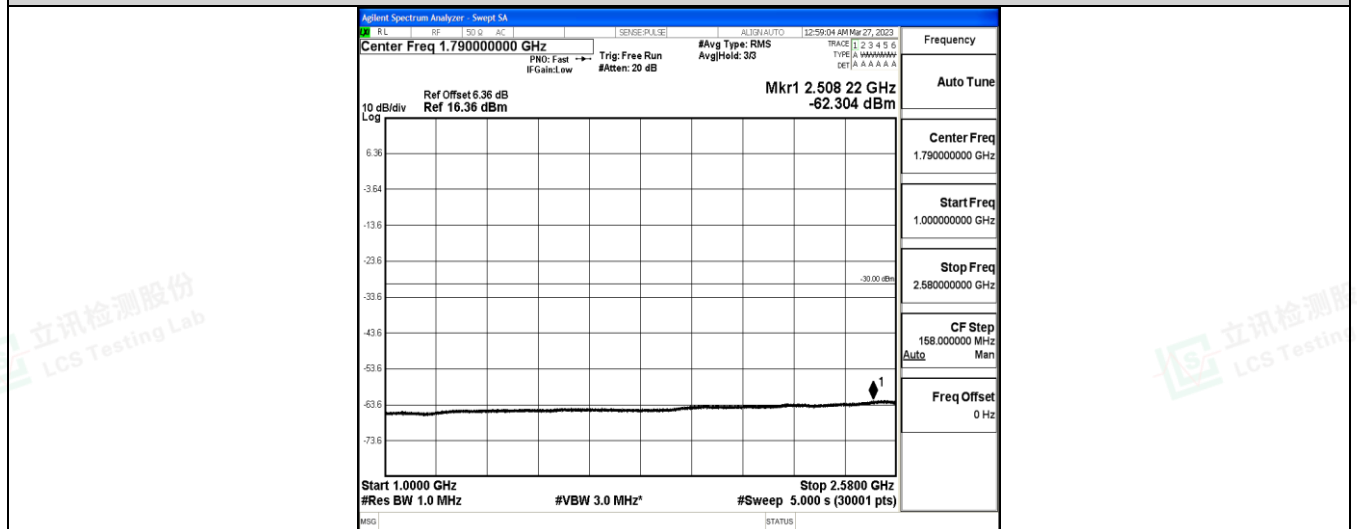
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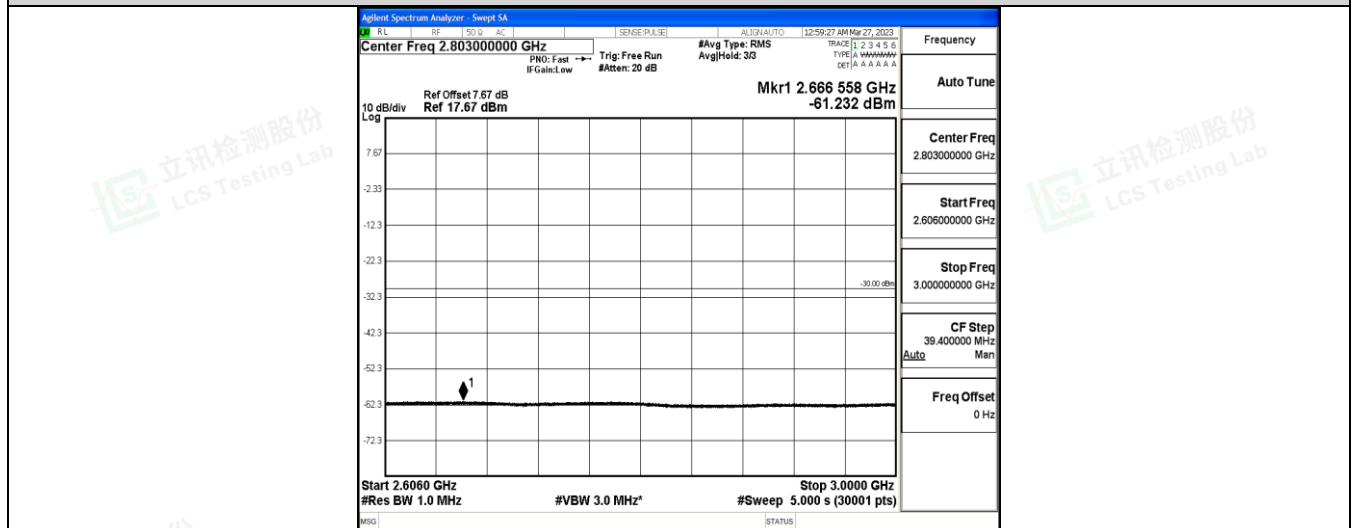
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Band41-5MHz-QPSK-40620-1RB#0-1000~2580



Band41-5MHz-QPSK-40620-1RB#0-2606~3000



Band41-5MHz-QPSK-40620-1RB#0-3000~12750

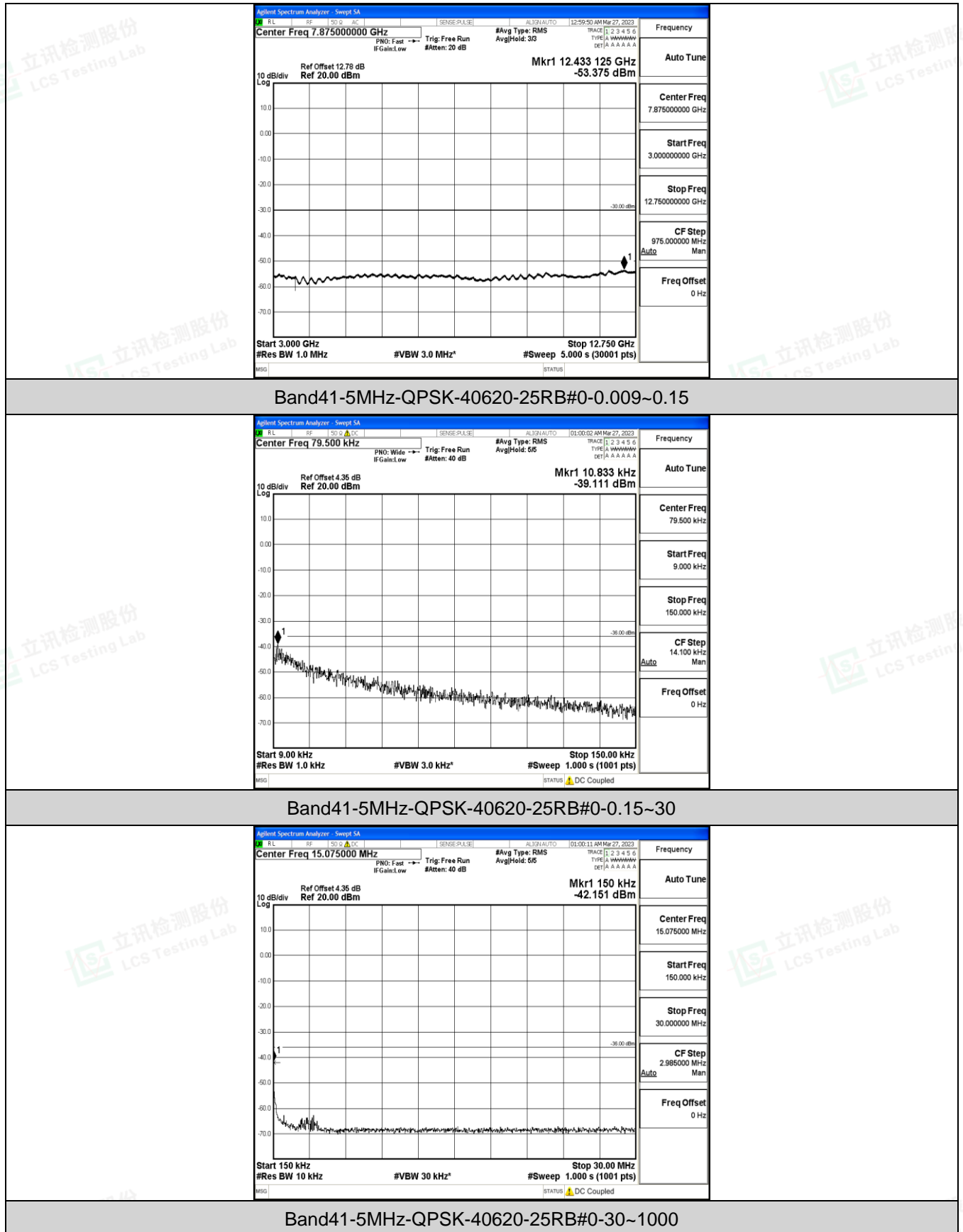


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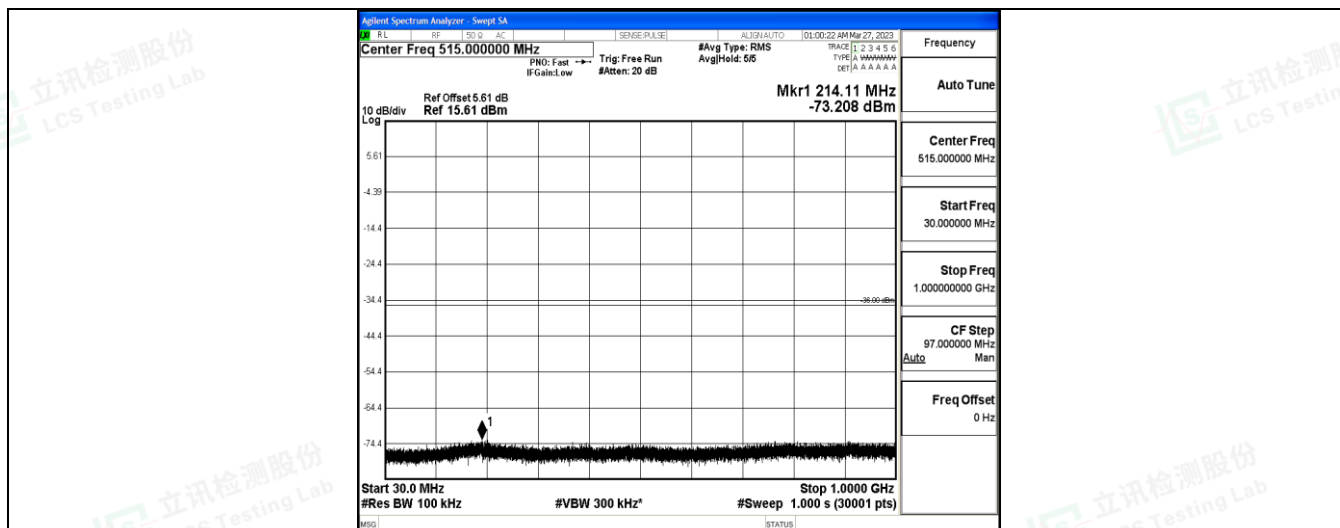


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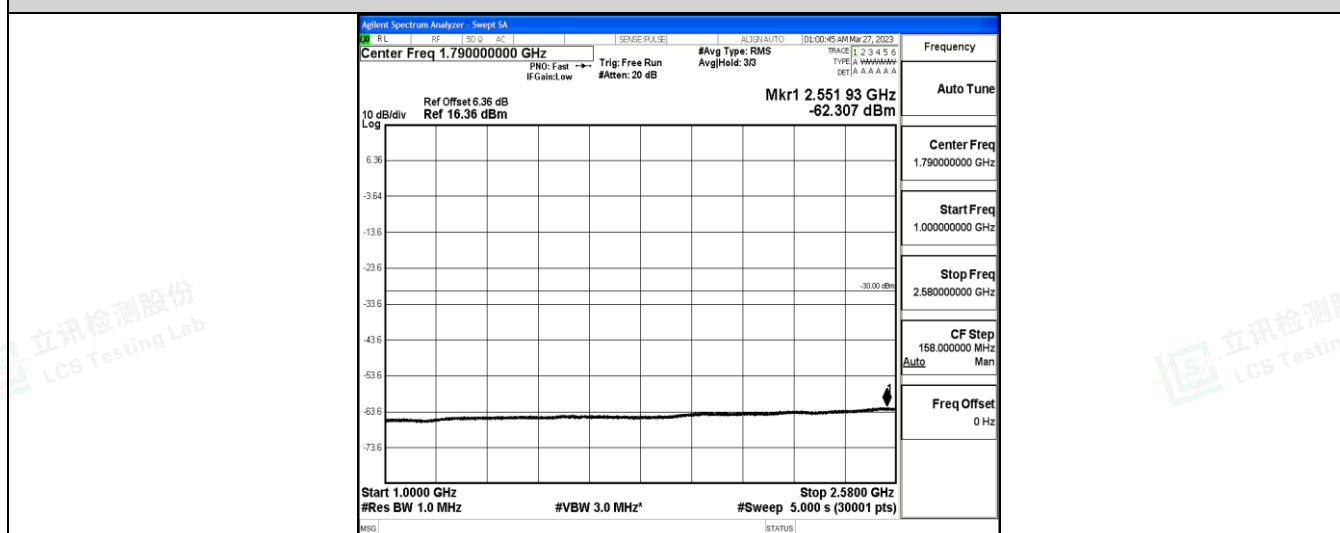
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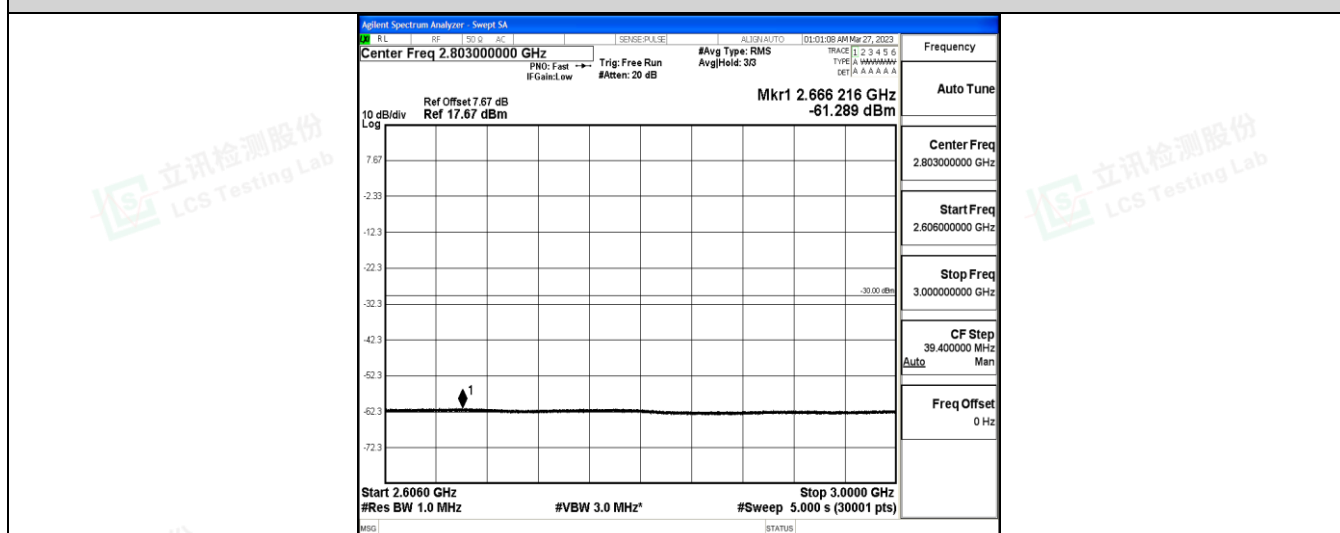
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Band41-5MHz-QPSK-40620-25RB#0-1000~2580

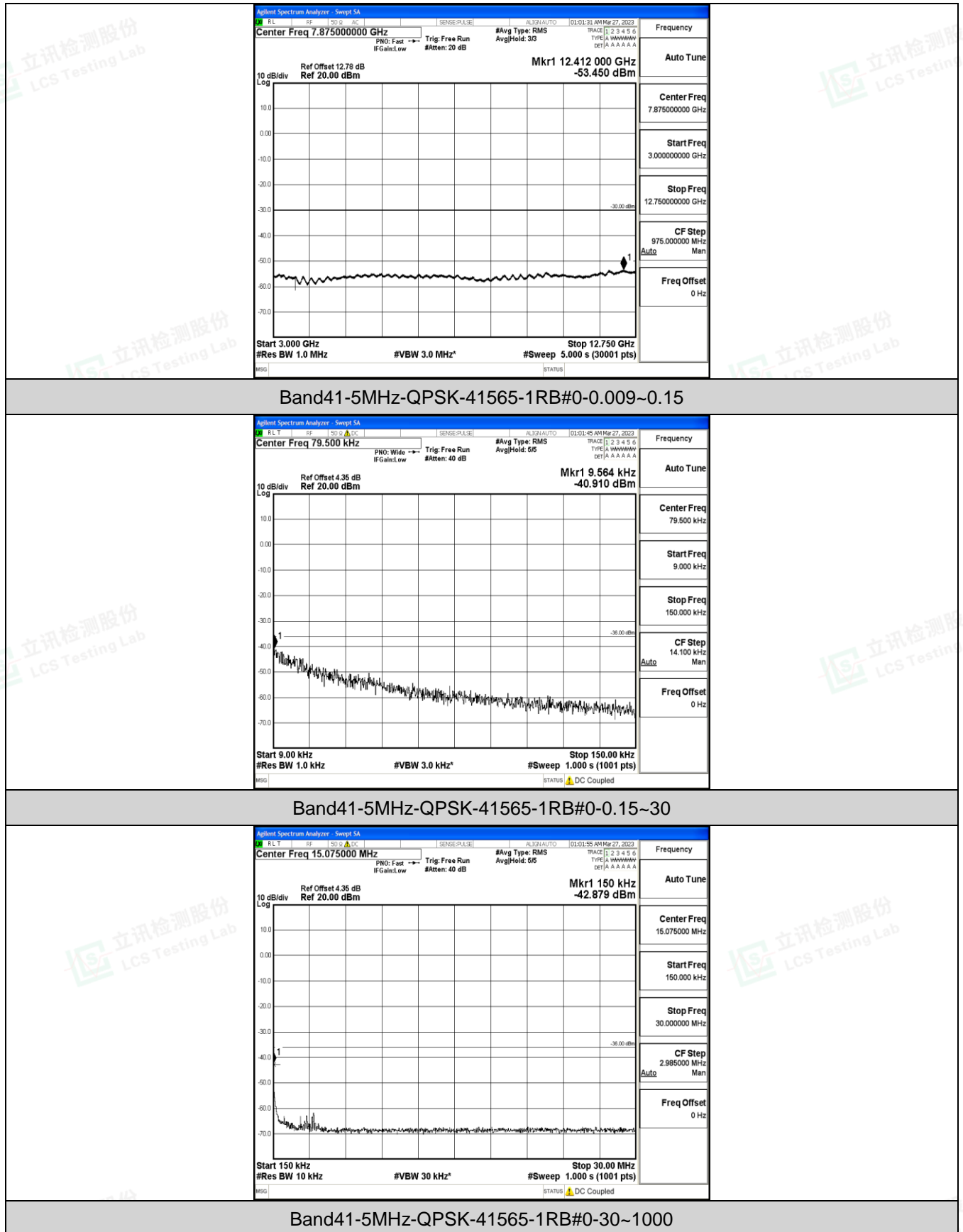


Band41-5MHz-QPSK-40620-25RB#0-2606~3000



Band41-5MHz-QPSK-40620-25RB#0-3000~12750





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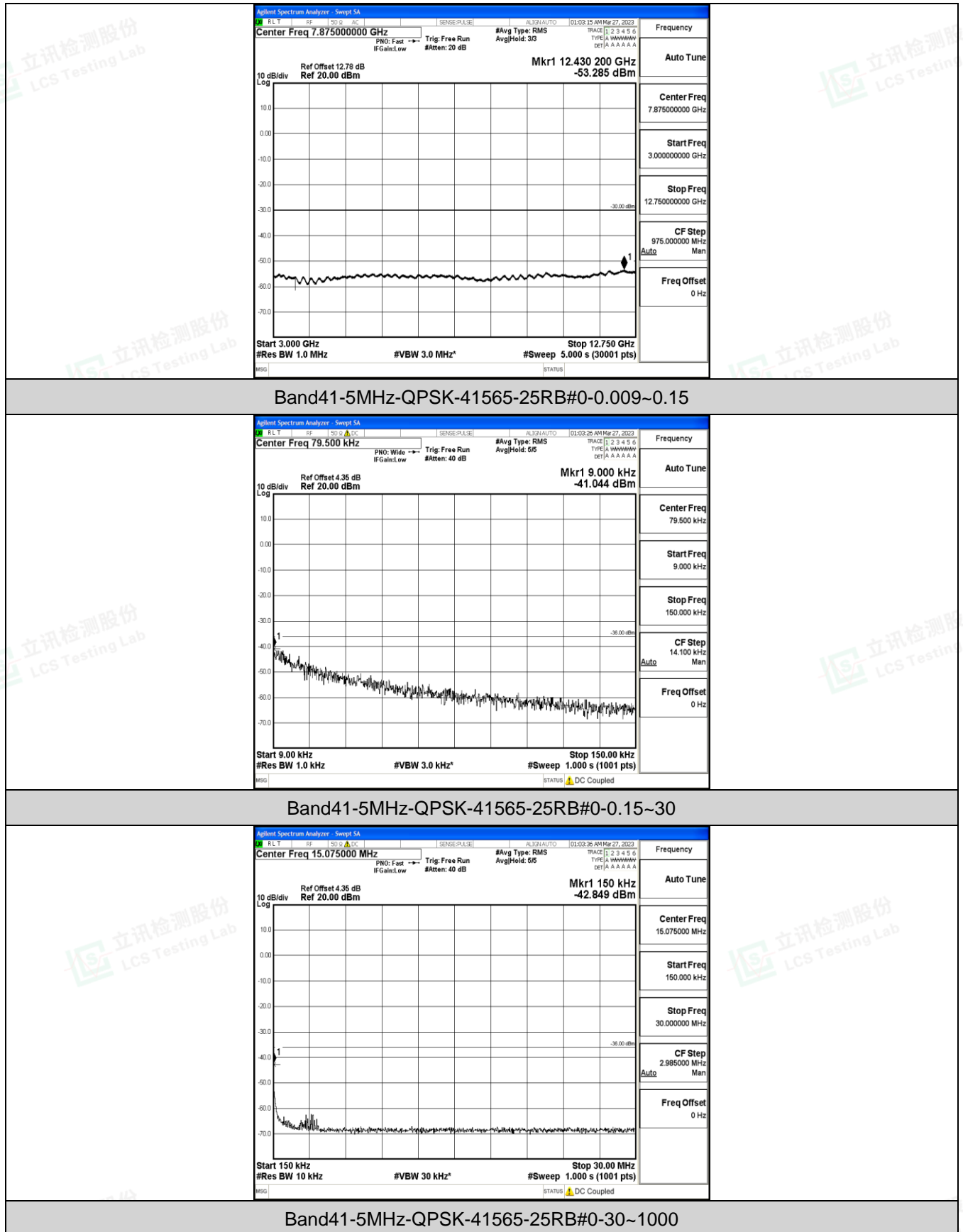


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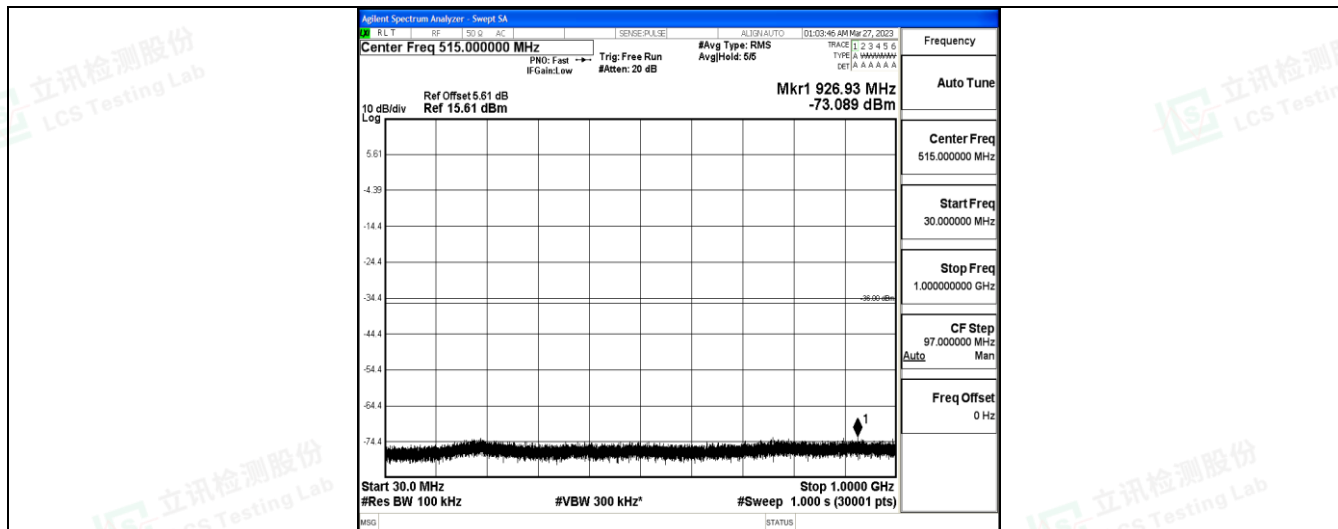


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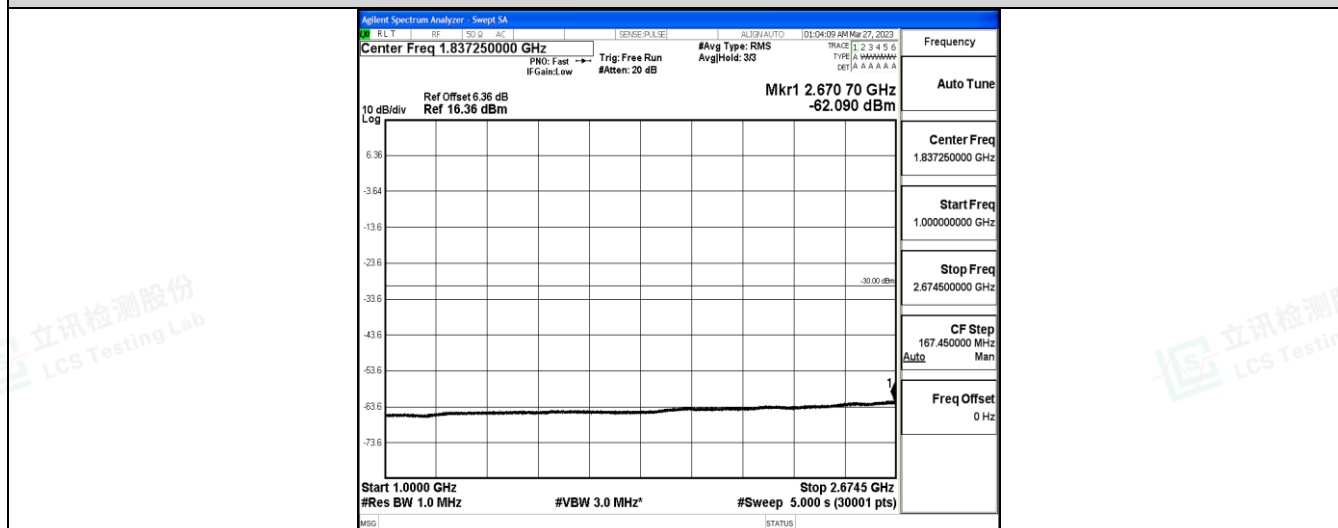
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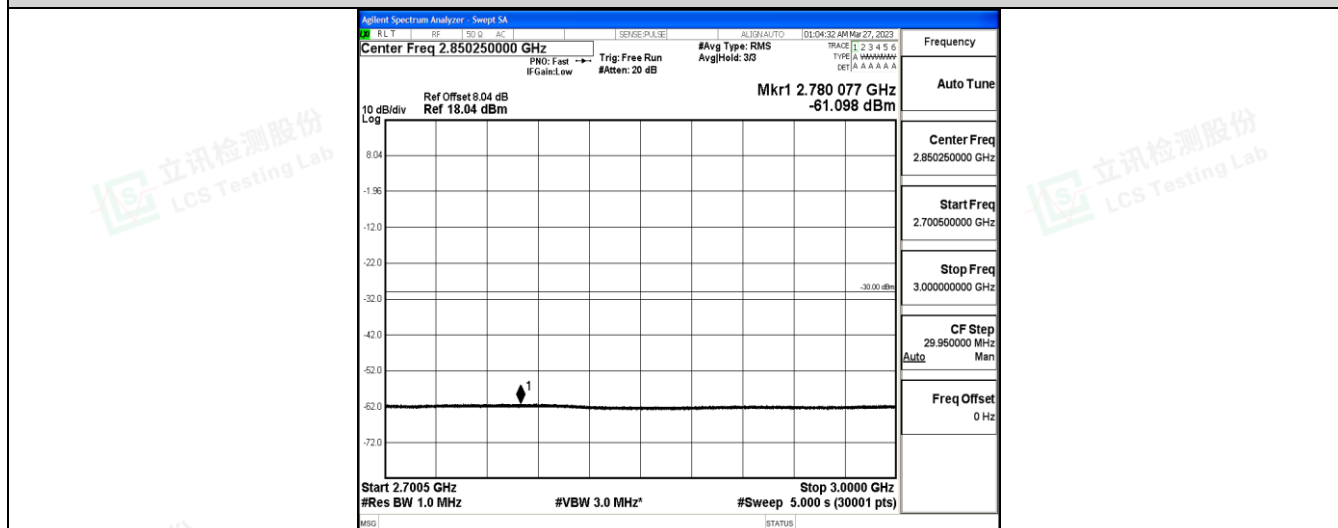
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Band41-5MHz-QPSK-41565-25RB#0-1000~2674.5



Band41-5MHz-QPSK-41565-25RB#0-2700.5~3000



Band41-5MHz-QPSK-41565-25RB#0-3000~12750

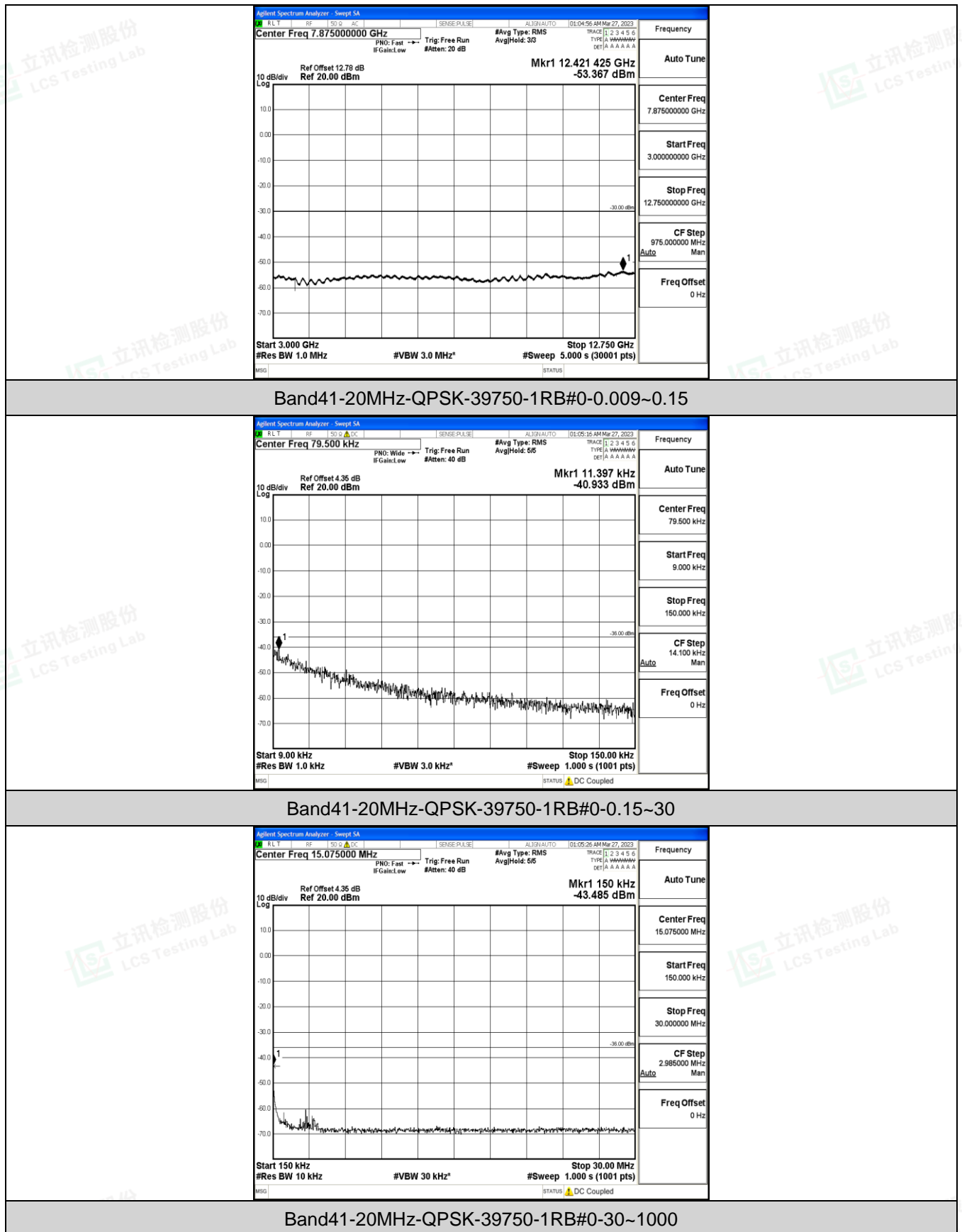


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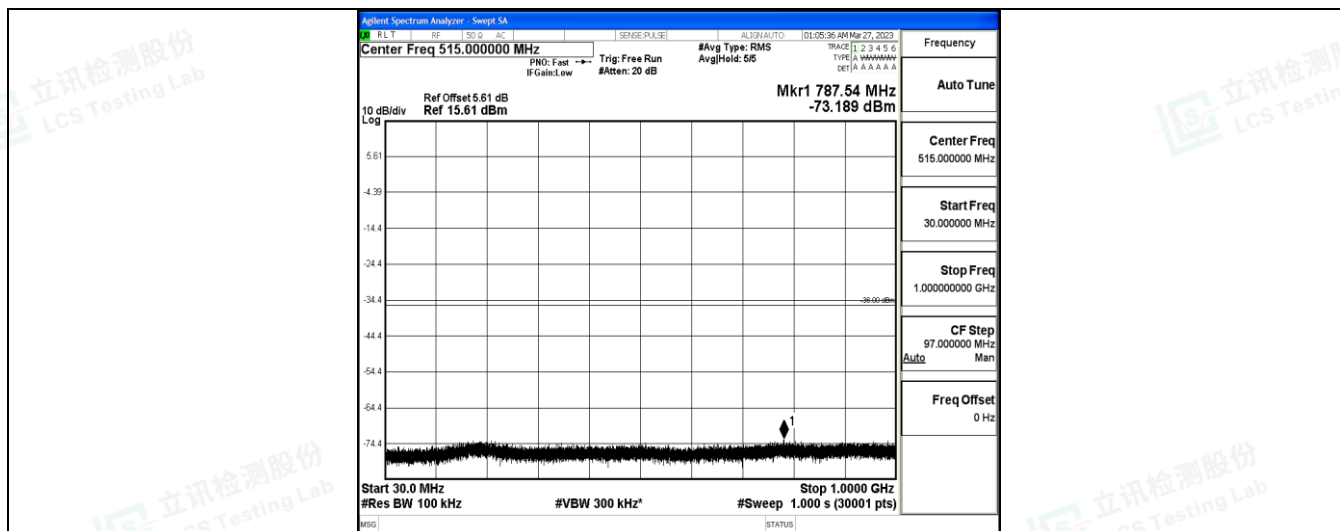


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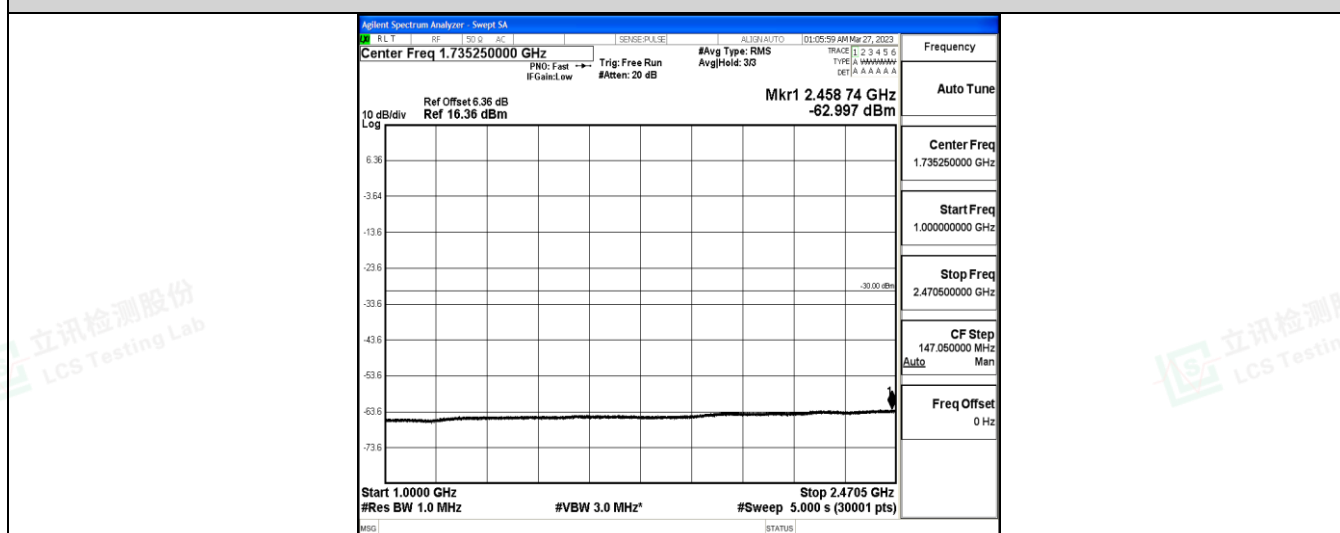
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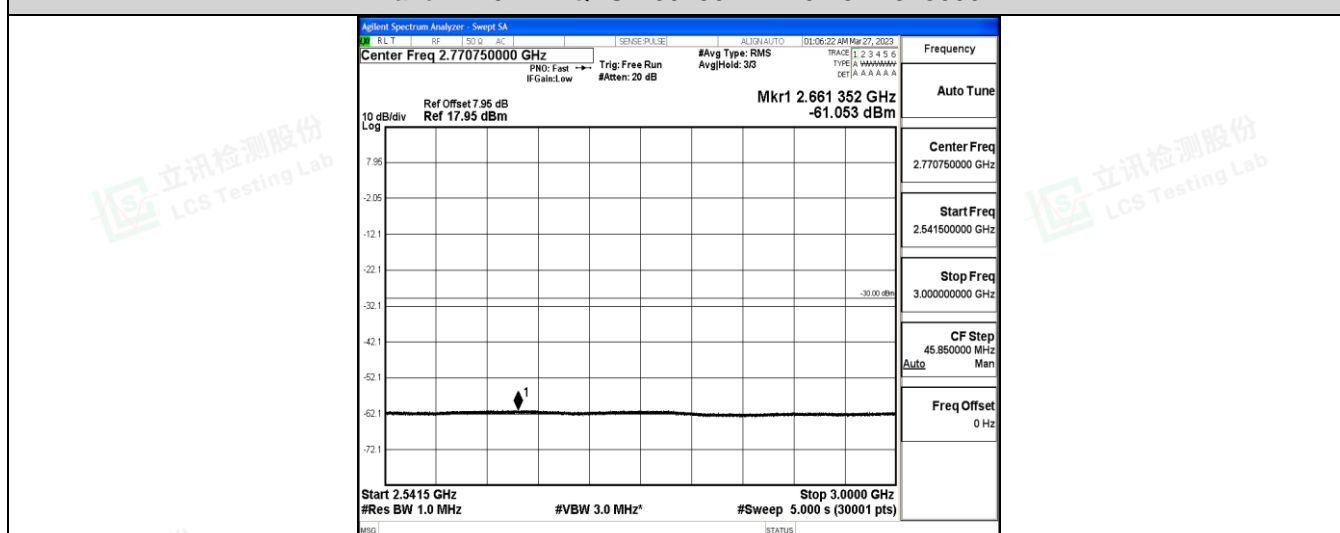
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Band41-20MHz-QPSK-39750-1RB#0-1000~2470.5



Band41-20MHz-QPSK-39750-1RB#0-2541.5~3000



Band41-20MHz-QPSK-39750-1RB#0-3000~12750

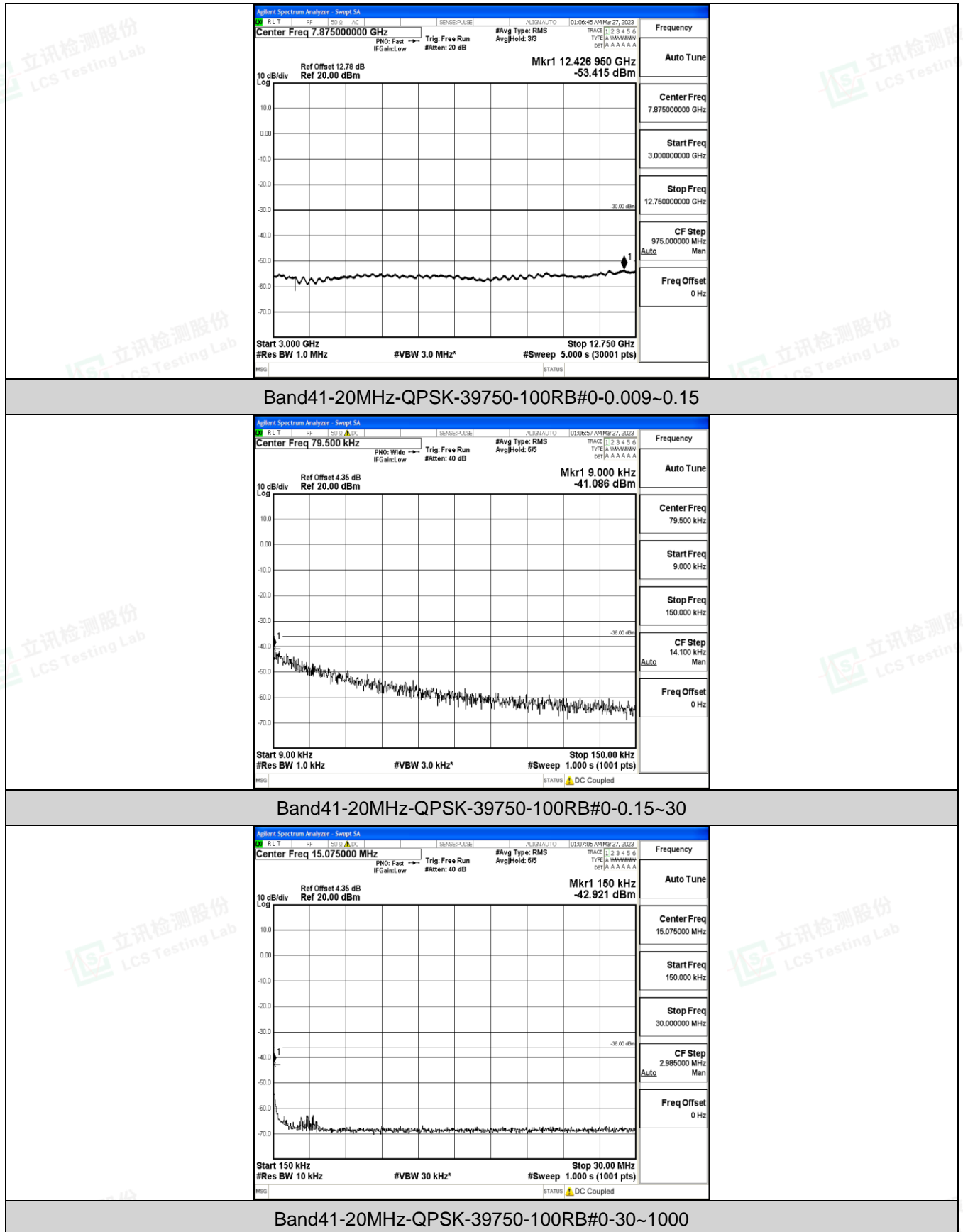


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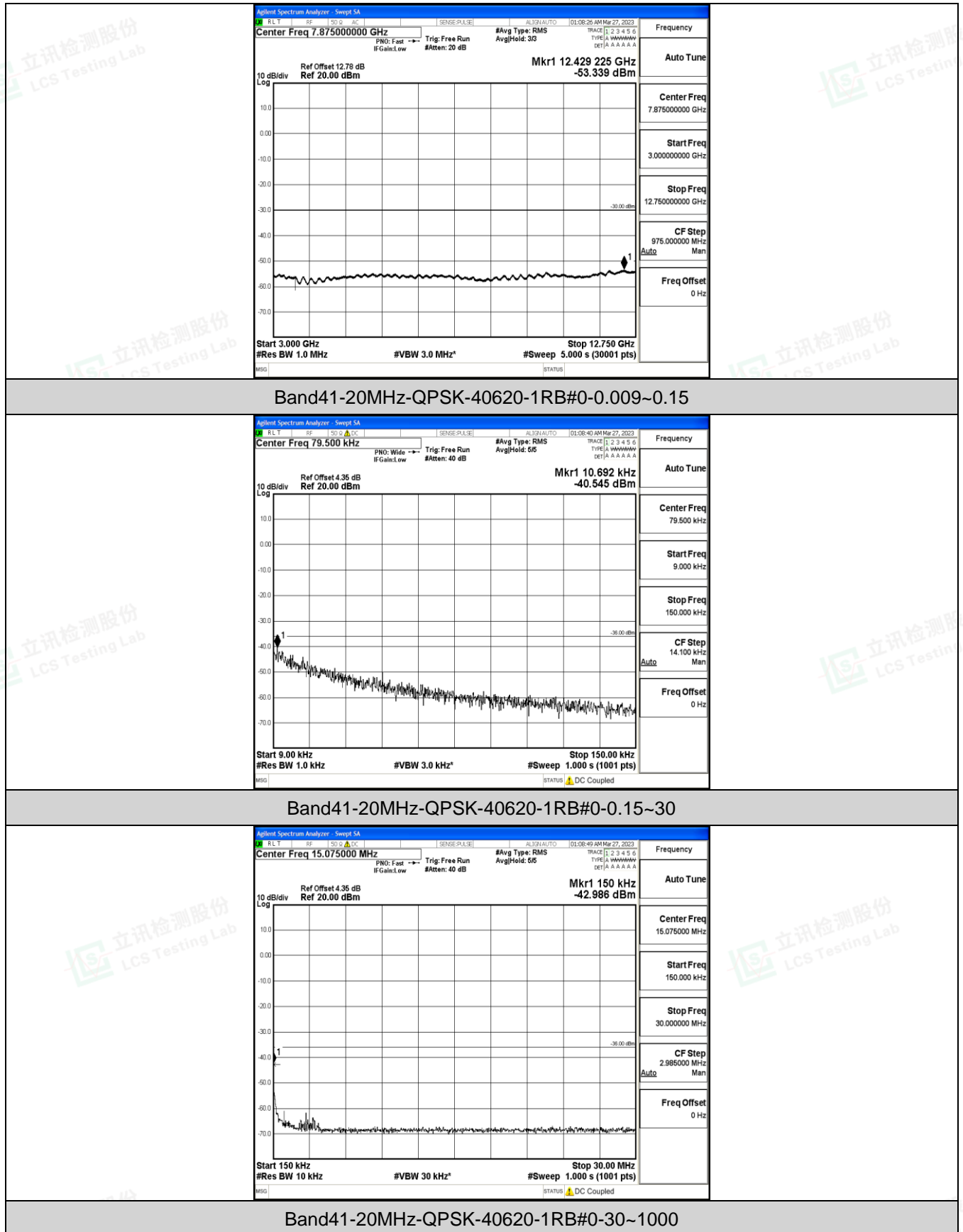


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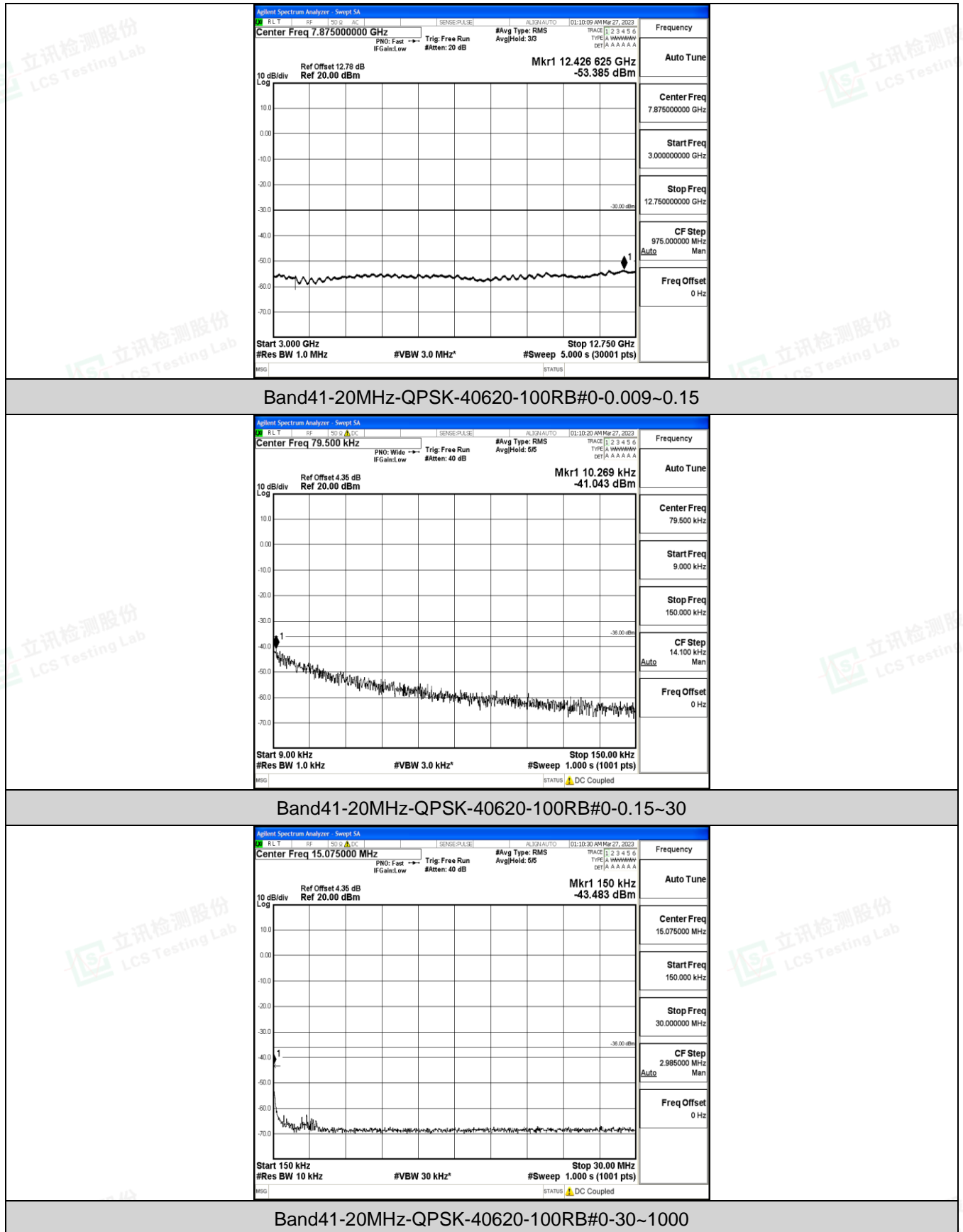


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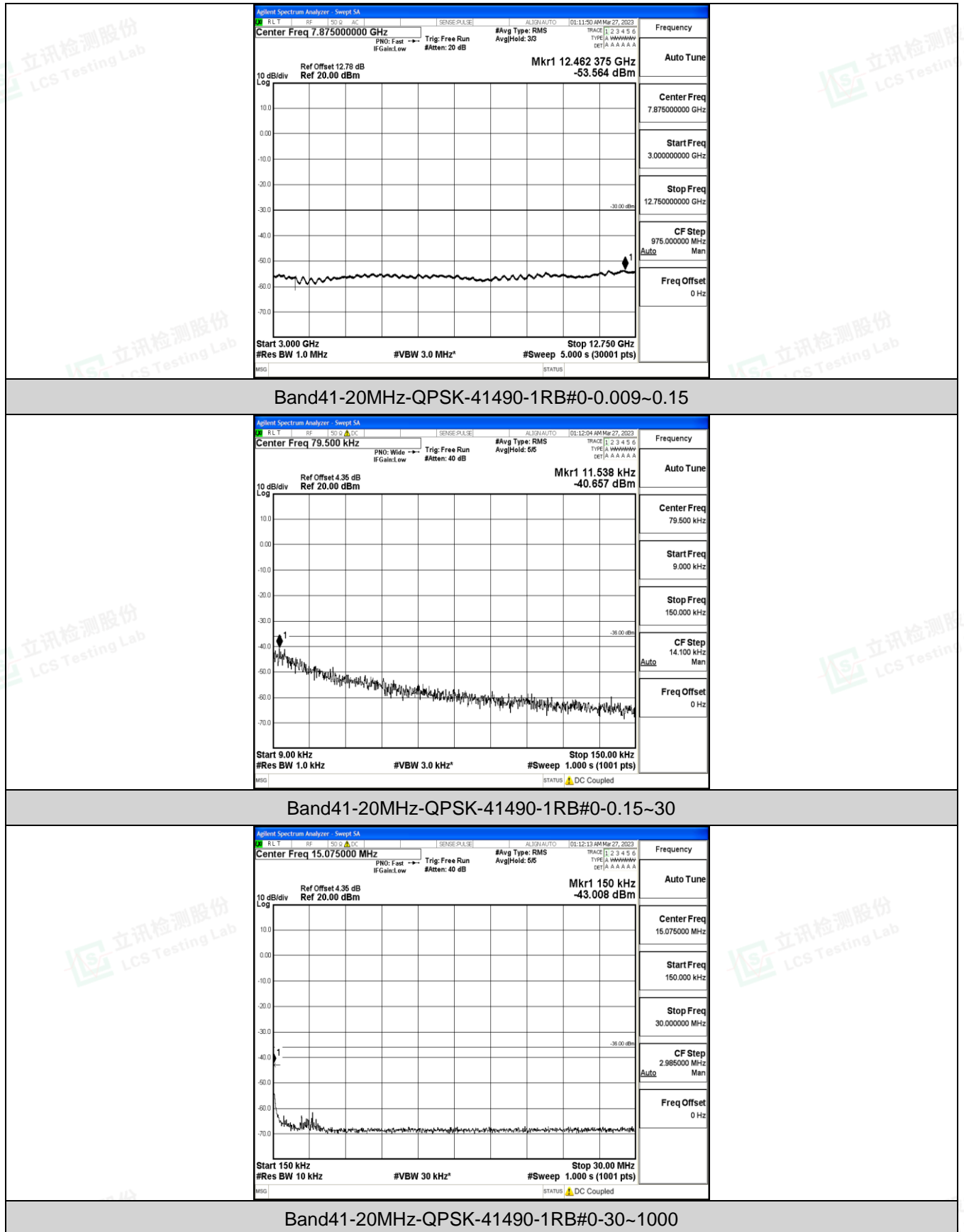


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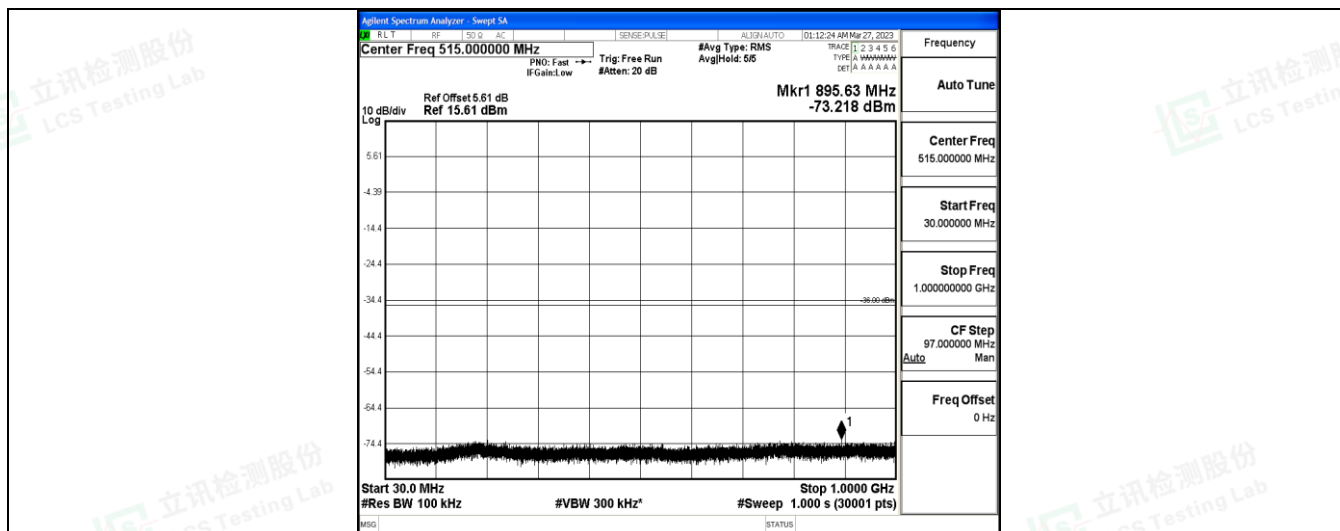


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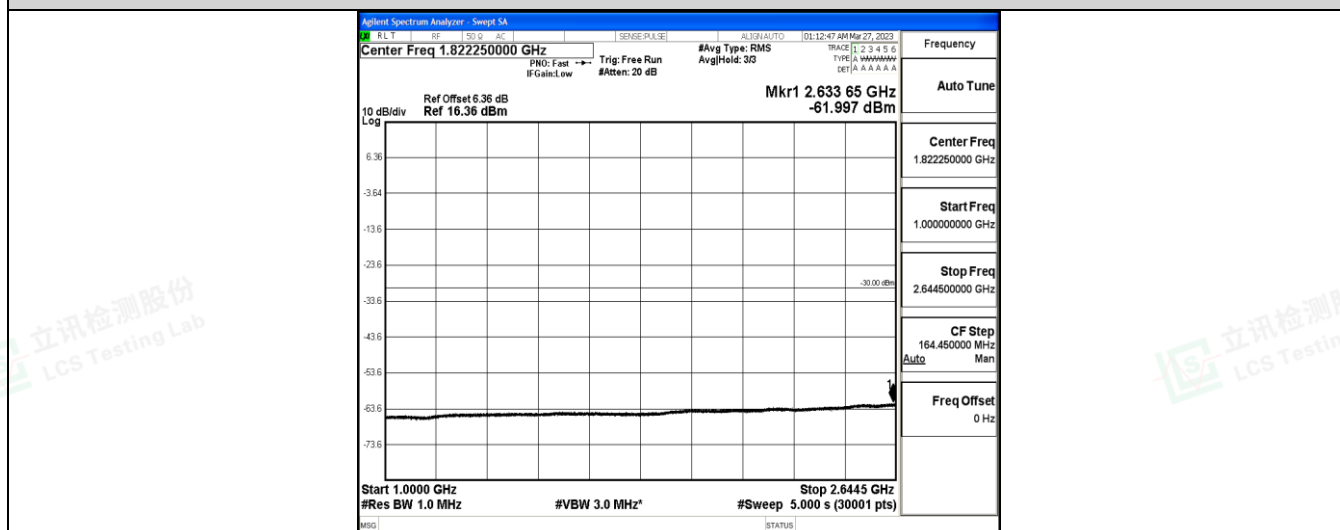
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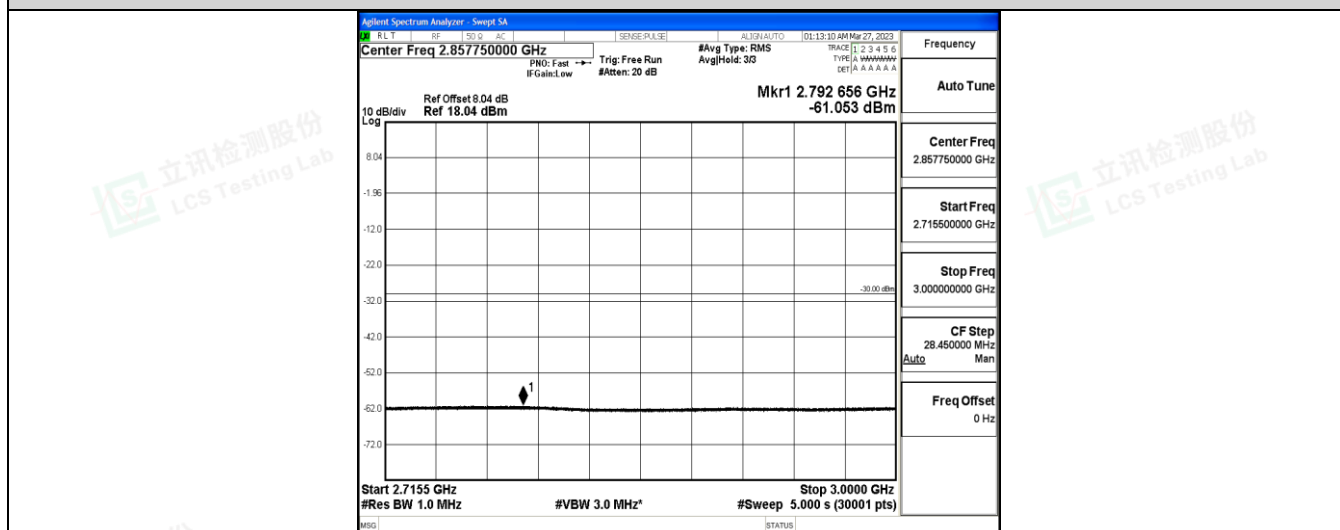
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Band41-20MHz-QPSK-41490-1RB#0-1000~2644.5



Band41-20MHz-QPSK-41490-1RB#0-2715.5~3000



Band41-20MHz-QPSK-41490-1RB#0-3000~12750

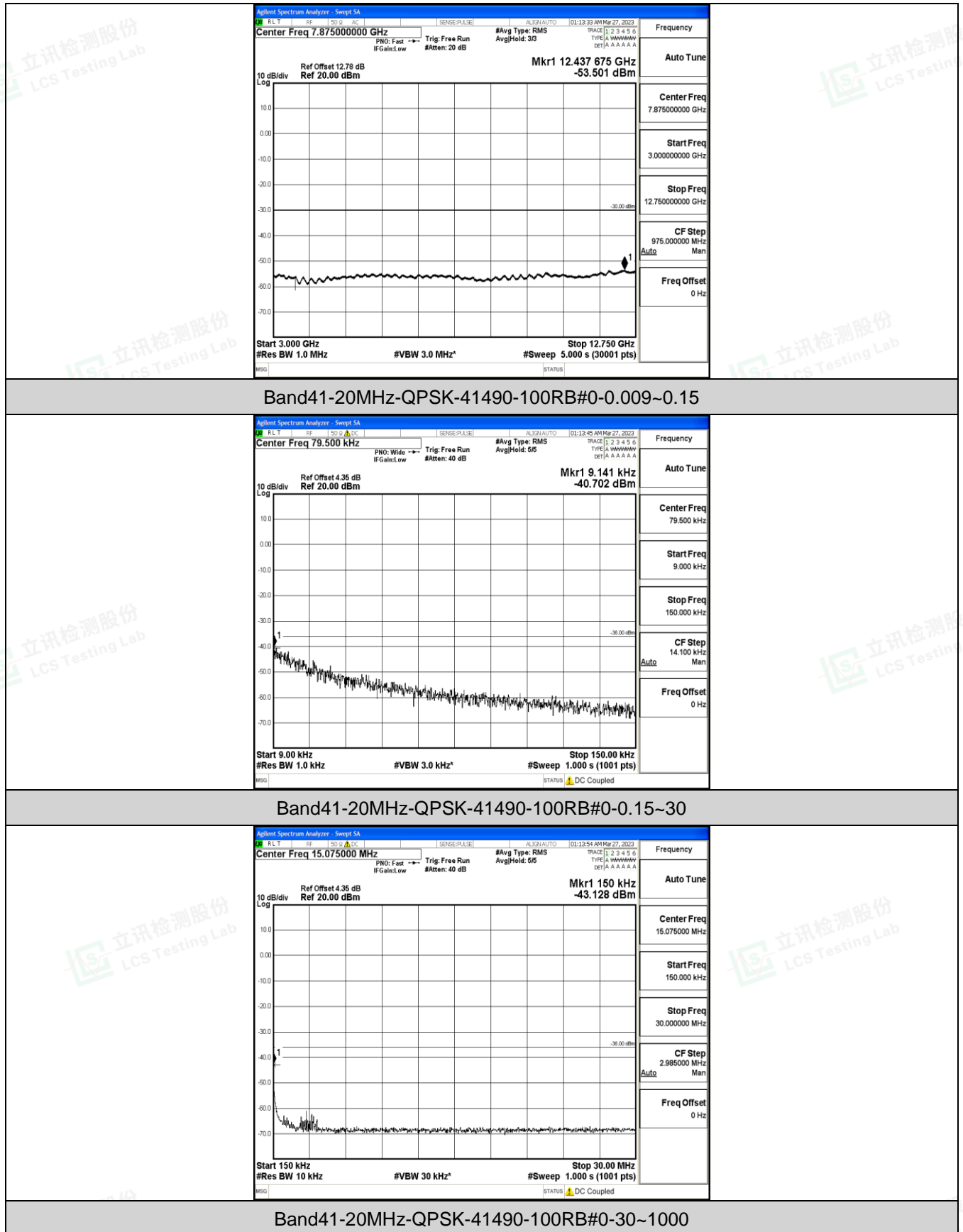


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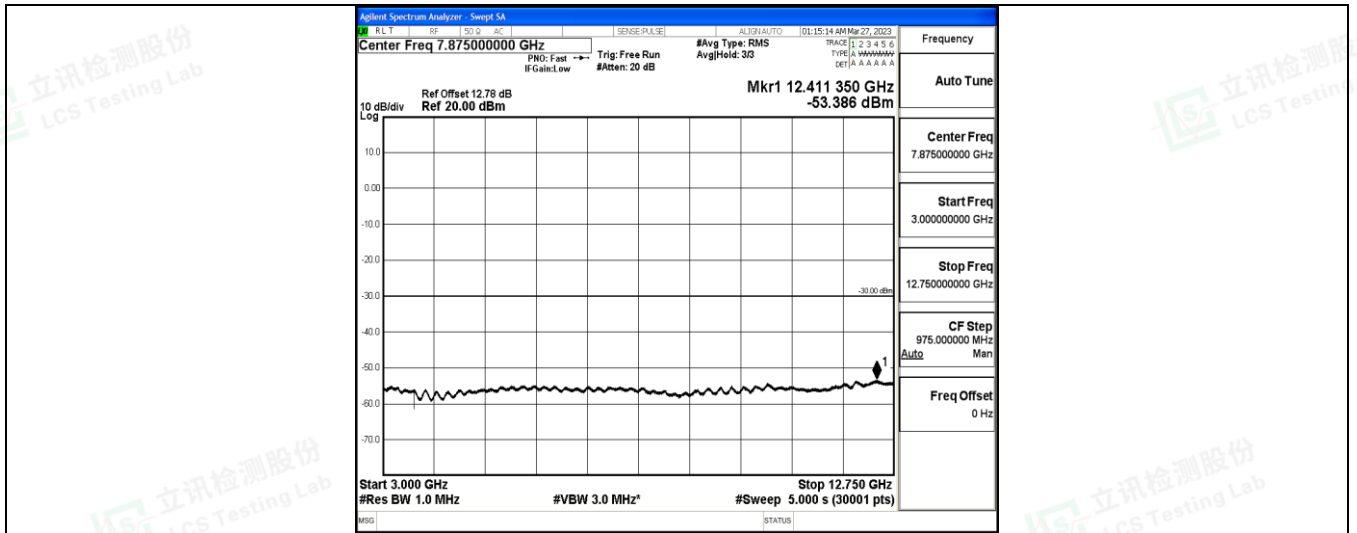


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Receiver Spurious Emissions

Test Result

Condition	Modulation	Channel Bandwidth	Channel	RB allocation		Verdict
				RB Size	RB Offset	
Normal	QPSK	20 MHz	Low range	0	0	Pass
			Mid range	0	0	Pass
			High range	0	0	Pass





Receiver blocking characteristics

In-Band Blocking

Test Environment	NC				
Test Frequencies	Mid range				
Test Channel Bandwidths	Lowest, 5MHz, Highest				
Test Parameters for Channel Bandwidths					
	Downlink Configuration		Uplink Configuration		CASE1
Ch BW	Mod' n	RB allocation	Mod' n	RB allocation	Throughput Limit
		FDD		FDD	
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	20,25,50,75,100	≥ 95 %
Verdict	PASS				

Out-of Band Blocking

Test Environment			NC		
Test Frequencies			Low range for $F_{\text{Interferer}}$ below $F_{\text{DL_low}}$ High range for $F_{\text{Interferer}}$ above $F_{\text{DL_high}}$		
Test Channel Bandwidths			Lowest, 5MHz, Highest		
Test Parameters for Channel Bandwidths					
	Downlink Configuration		Uplink Configuration		RANGE1/RANGE2/RANGE3
Ch BW	Mod' n	RB allocation	Mod' n	RB allocation	Throughput Limit
		FDD		FDD	
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20 MHz	QPSK	Full	QPSK	20,25,50,75,100	≥ 95 %
Verdict	PASS				



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**Narrow Band**

Test Environment			NC		
Test Frequencies			Mid range		
Test Channel Bandwidths			Lowest, 5MHz, Highest		
Test Parameters for Channel Bandwidths					
	Downlink Configuration		Uplink Configuration		
Ch BW	Mod' n	RB allocation	Mod' n	RB allocation	Throughput Limit
		FDD		FDD	
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20 MHz	QPSK	Full	QPSK	20,25,50,75,100	≥ 95 %
Verdict	PASS				





Receiver Adjacent Channel Selectivity (ACS)

Test Environment			NC		
Test Frequencies			Mid range		
Test Channel Bandwidths			Lowest, 5MHz, Highest		
Test Parameters for Channel Bandwidths					
	Downlink Configuration		Uplink Configuration		
Ch BW	Mod' n	RB allocation	Mod' n	RB allocation	CASE 1
		FDD		FDD	Throughput Limit
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	20,25,50,75,100	≥ 95 %
Verdict	PASS				
Ch BW	Mod' n	RB allocation	Mod' n	RB allocation	CASE 2
		FDD		FDD	Throughput Limit
5MHz	QPSK	Full	QPSK	15,20,25	≥ 95 %
20MHz	QPSK	Full	QPSK	20,25,50,75,100	≥ 95 %
Verdict	PASS				



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Receiver Intermodulation Characteristics

Test Band						
Test Environment	NC					
Test Frequencies	Mid range					
Test Channel Bandwidths	Lowest, 5MHz, Highest					
Test Parameters for Channel Bandwidths						
	Downlink Configuration		Uplink Configuration			
Ch BW	Mod' n	RB allocation	Mod' n	RB allocation	Meas. Throughput	Throughput Limit
		FDD		FDD		
5MHz	QPSK	Full	QPSK	15,20,25	100%	≥ 95 %
20 MHz	QPSK	Full	QPSK	20,25,50,75,100	100%	≥ 95 %
Verdict	PASS					

