

Test Mode : NR n78_TX Mid CH_100M

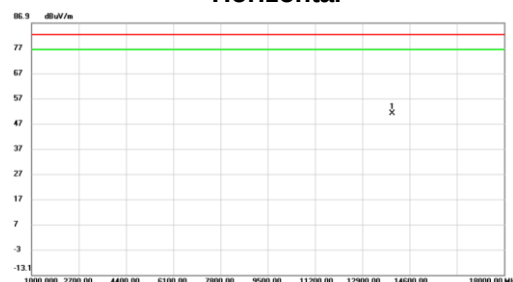
Test Mode : NR n78_TX Mid CH_100M

Vertical



No. Msk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	7001.000	38.69	10.19	48.88	82.30	-33.42	peak	
2 *	10503.000	39.66	10.85	50.51	82.30	-31.79	peak	

Horizontal

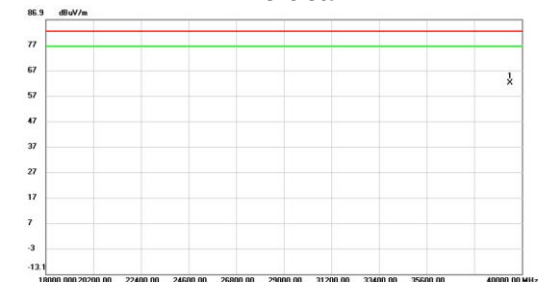


No. Msk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1 *	13979.500	38.60	12.45	51.05	82.30	-31.25	peak	

Test Mode : NR n78_TX Mid CH_100M

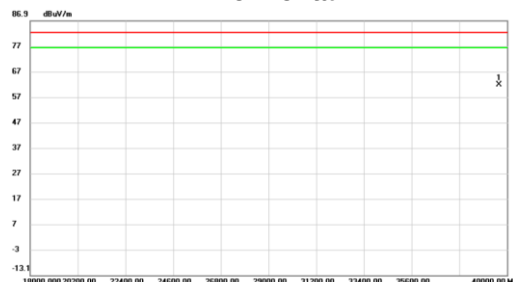
Test Mode : NR n78_TX Mid CH_100M

Vertical



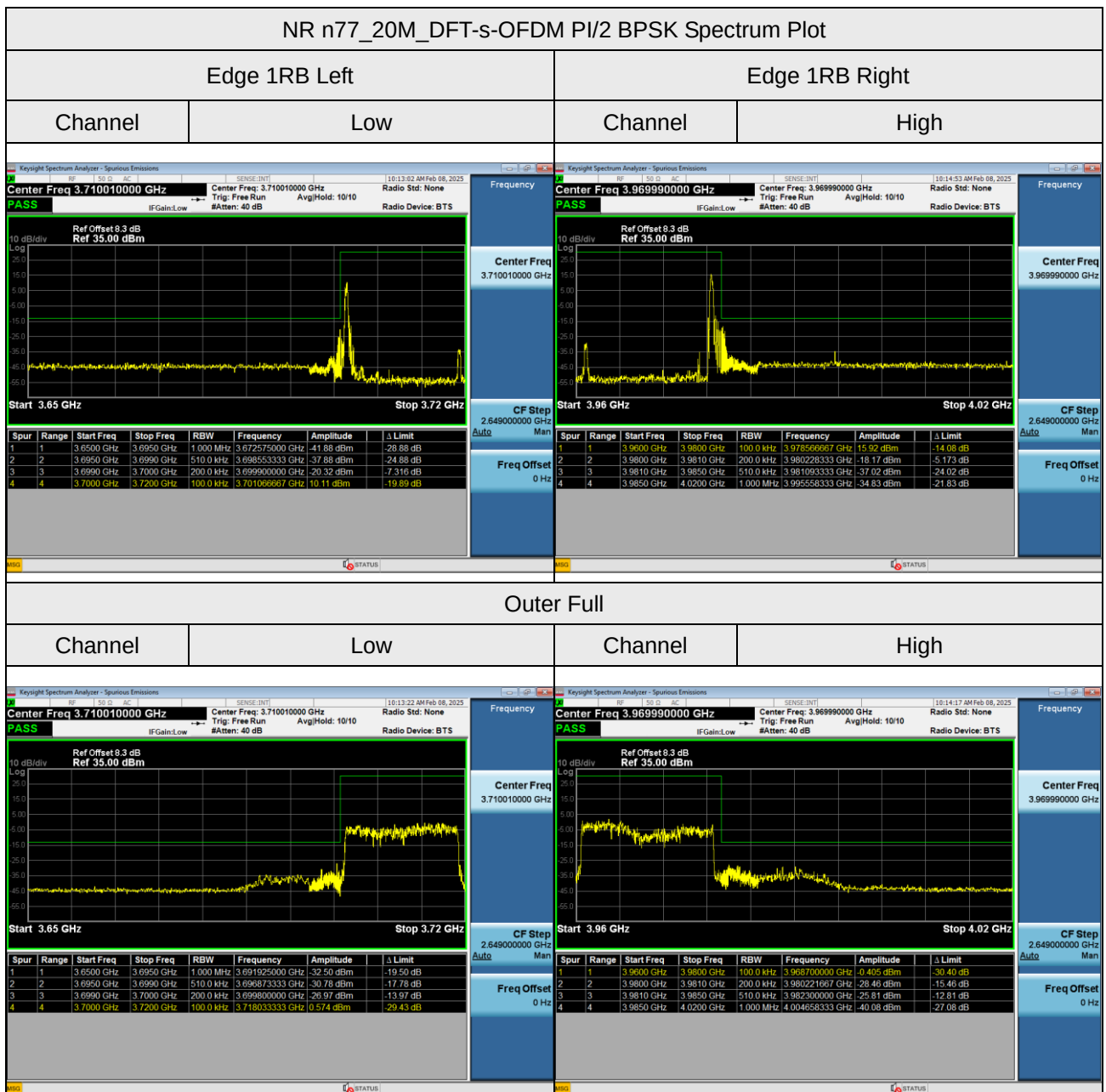
No. Msk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1 *	39450.000	51.01	10.91	61.92	82.30	-20.38	peak	

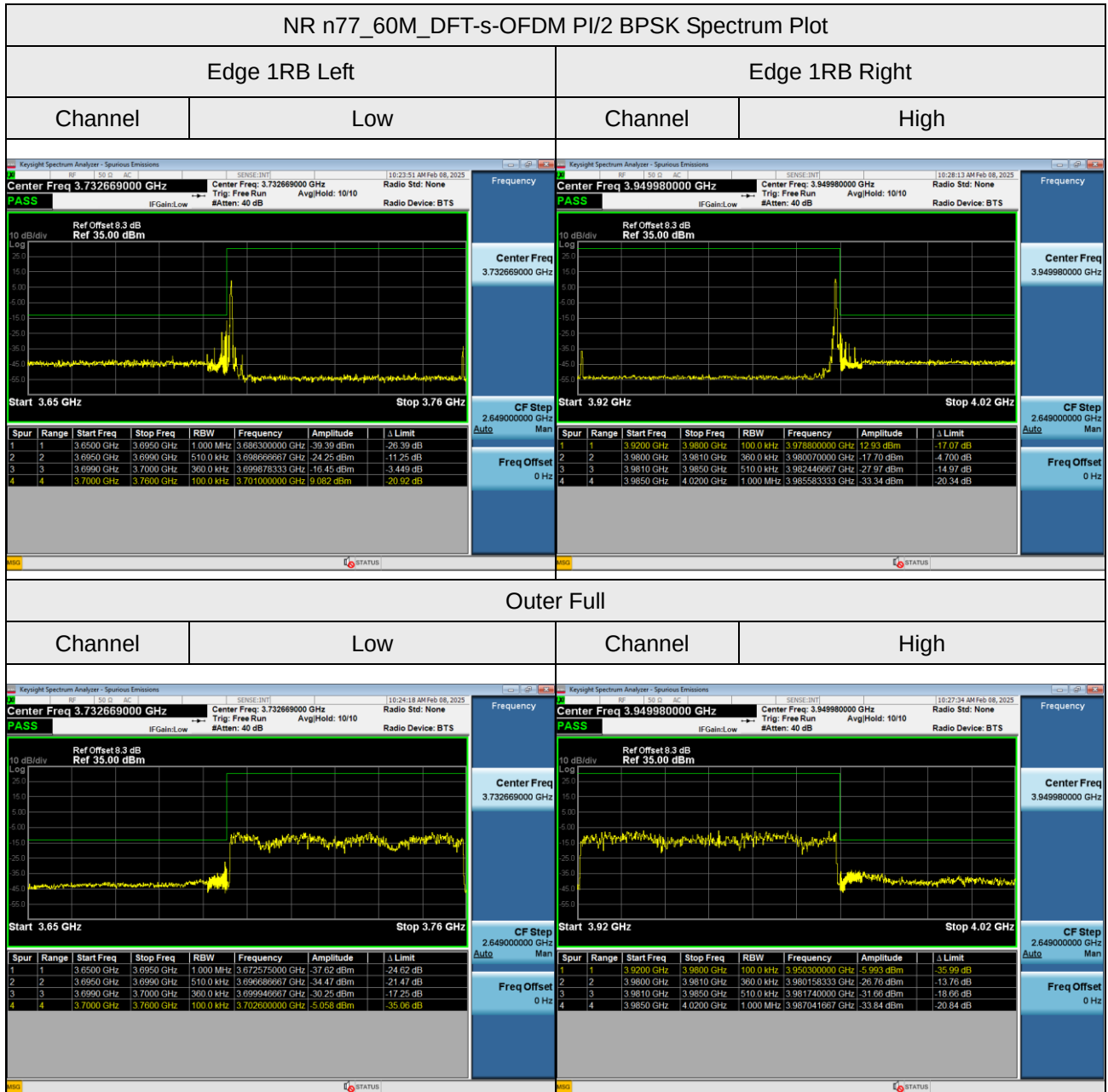
Horizontal

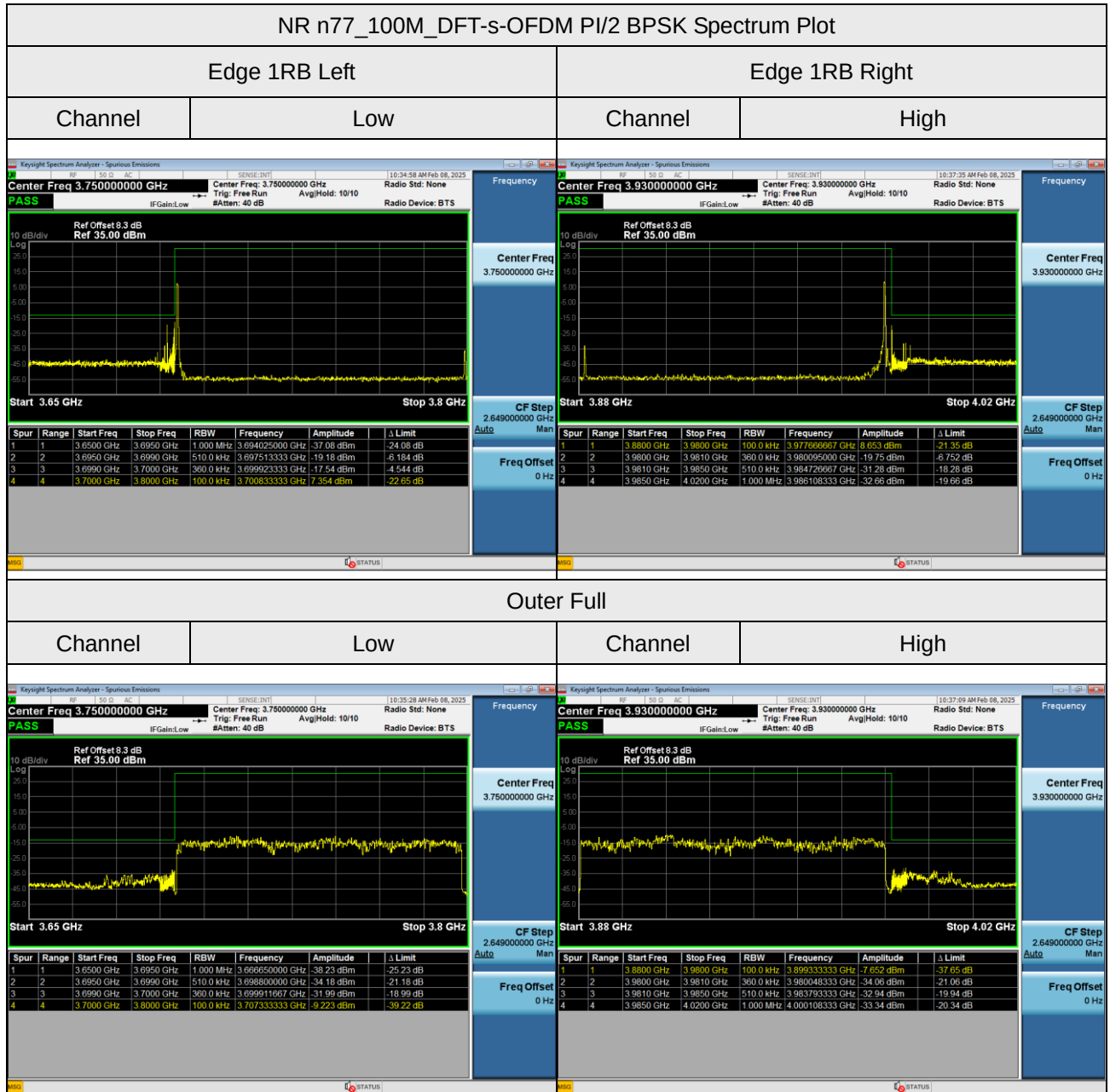


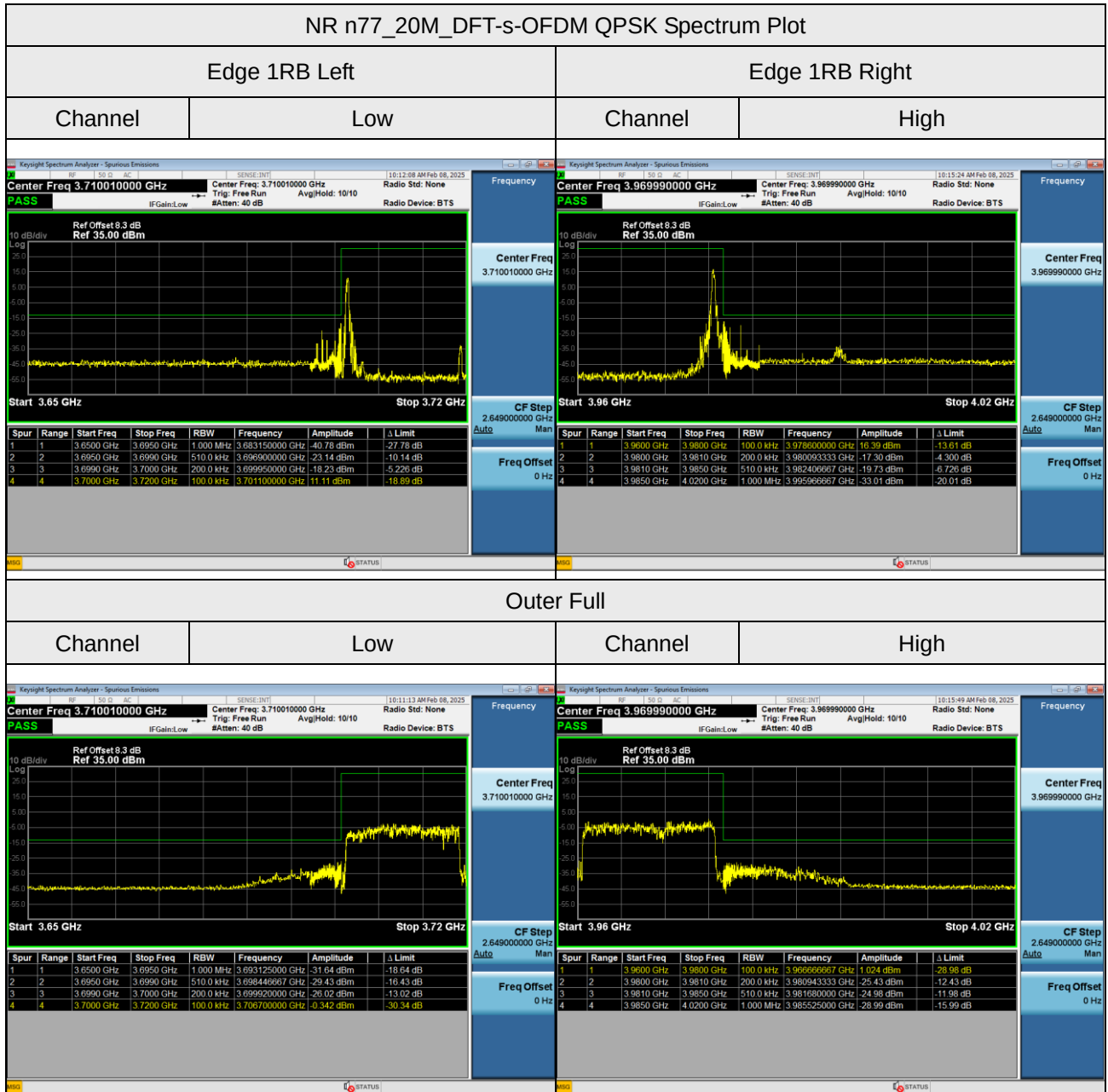
No. Msk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1 *	39637.000	50.79	10.87	61.66	82.30	-20.64	peak	

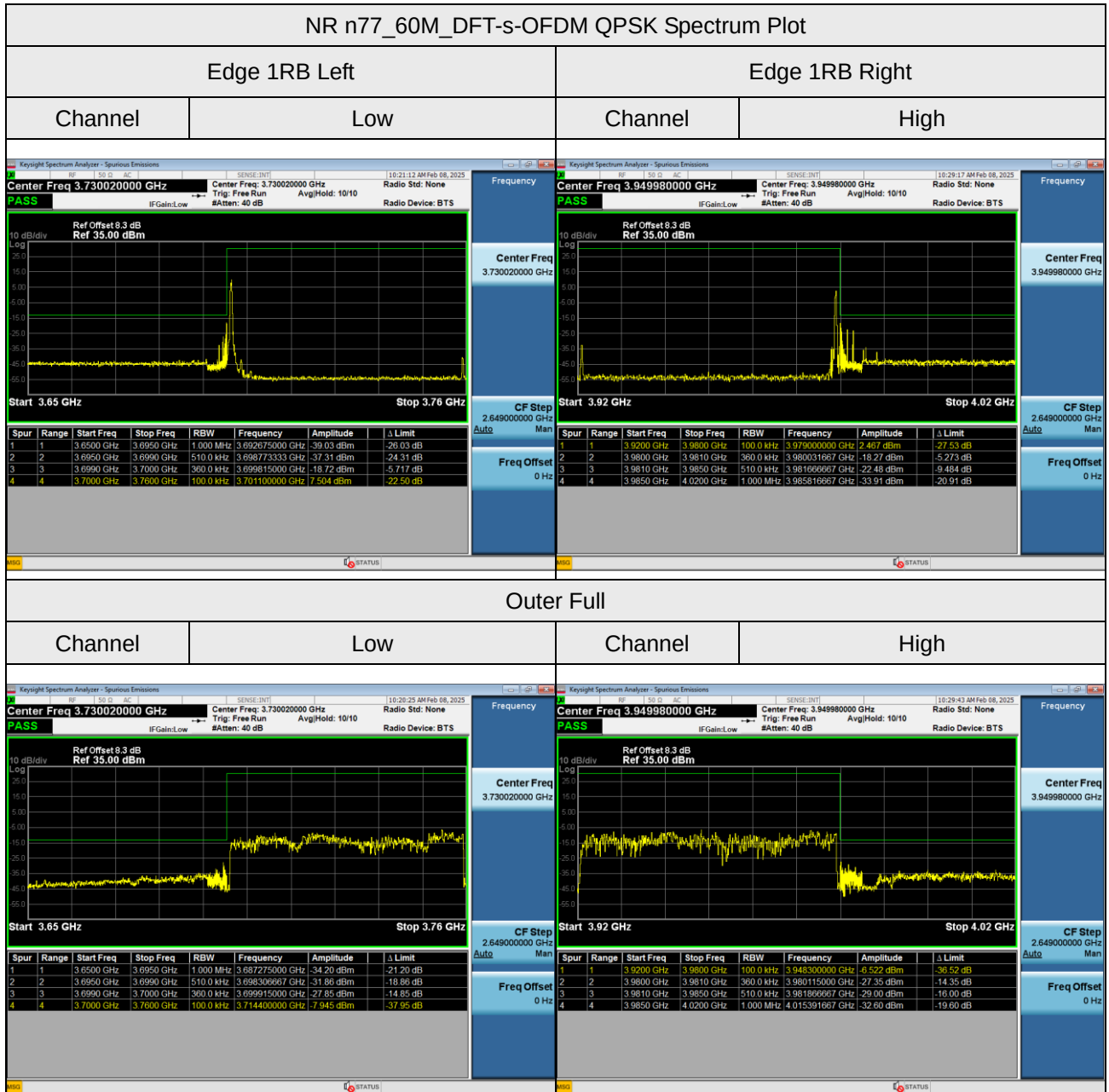
APPENDIX G - BAND EDGE











NR n77_100M_DFT-s-OFDM QPSK Spectrum Plot

Edge 1RB Left

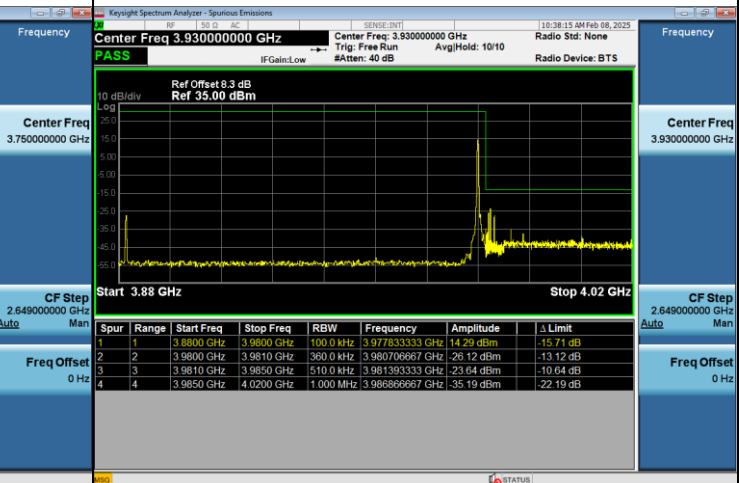
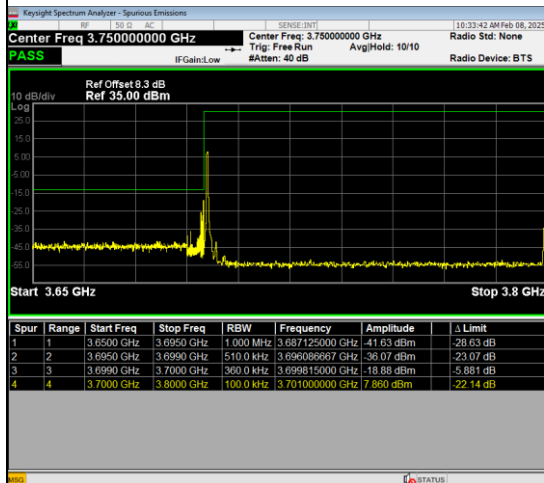
Edge 1RB Right

Channel

Low

Channel

High



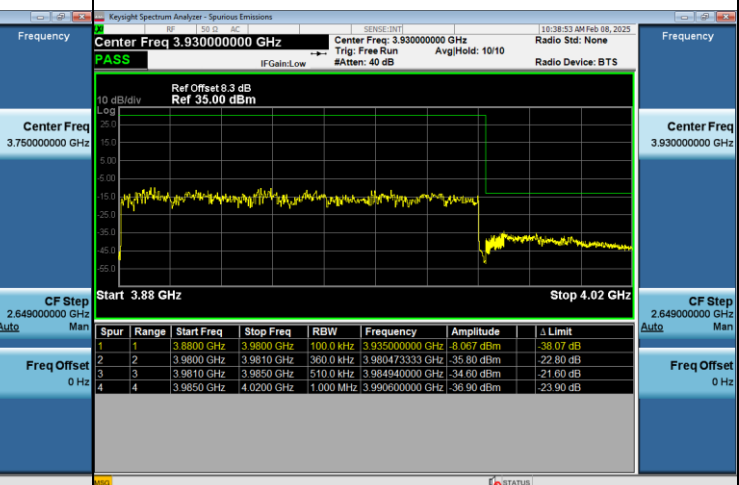
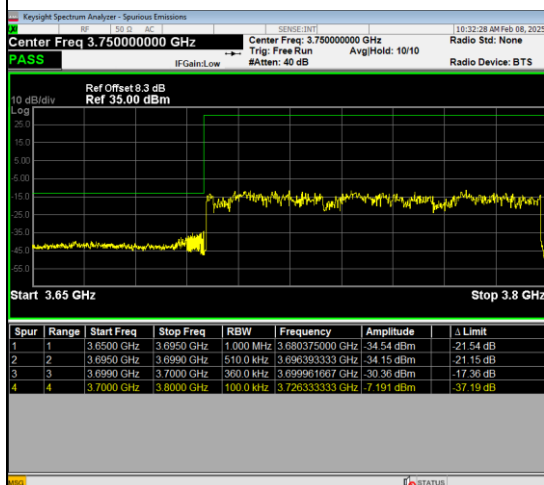
Outer Full

Channel

Low

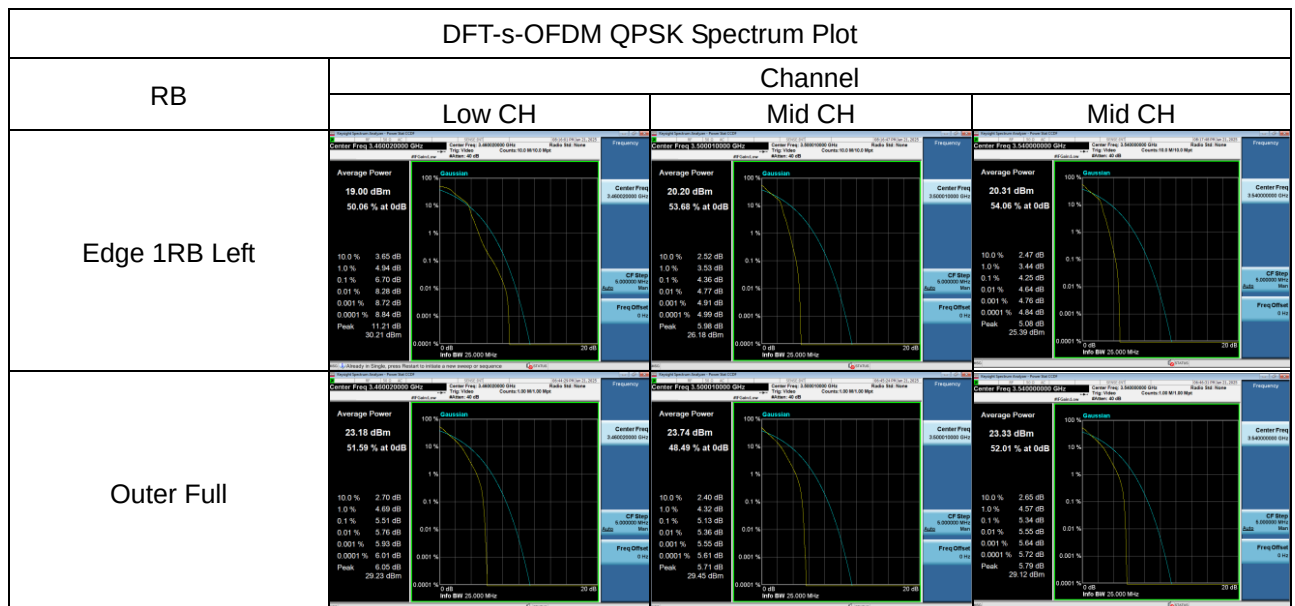
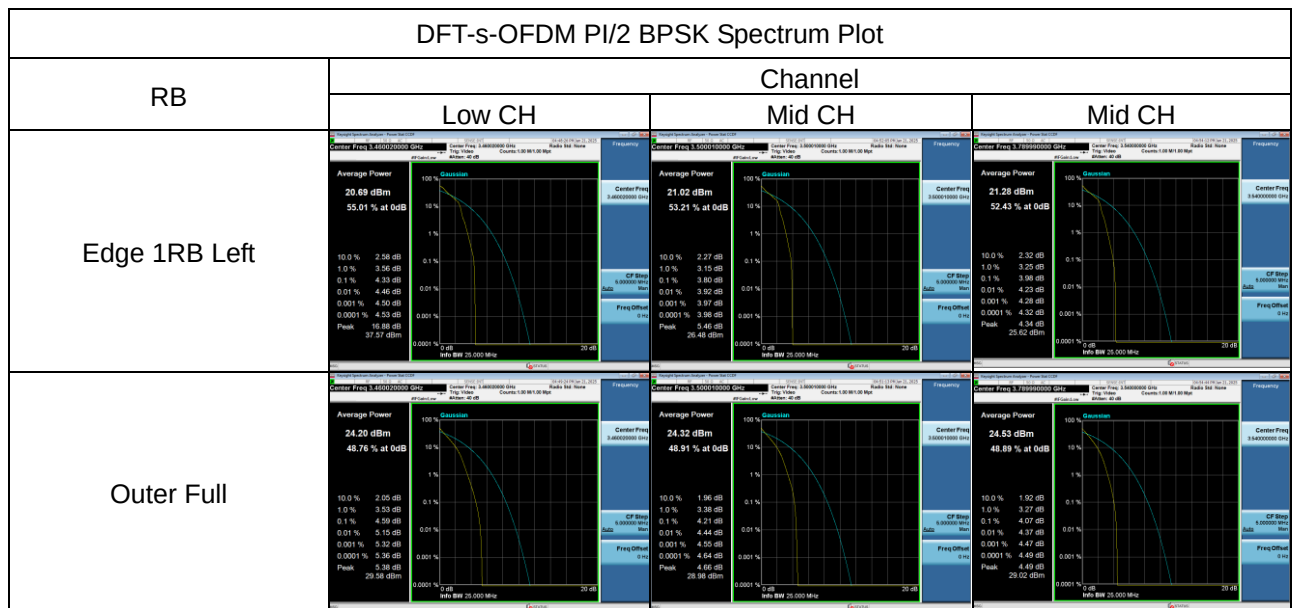
Channel

High



APPENDIX H - PEAK TO AVERAGE RATIO

NR n77_20MHz						
Channel	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
	DFT-s-OFDM PI/2 BPSK		DFT-s-OFDM QPSK			
	Edge 1RB Left	Outer Full	Edge 1RB Left	Outer Full		
Low CH	4.33	4.59	6.70	5.51	13	Pass
Mid CH	3.80	4.21	4.36	5.13	13	Pass
High CH	3.98	4.07	4.25	5.34	13	Pass



APPENDIX I - FREQUENCY STABILITY

Test Mode	NR n77
-----------	--------

Frequency error versus temperature and supply voltage								
Temperature (°C)	Lowest channel Frequency error(MHz)	Highest channel Frequency error(MHz)	Reference point:-13dBm		Frequency calculation value (MHz) Limit:The resulting frequencies must remain within the band		Verdict	worst ppm
			f _L (MHz)	f _H (MHz)	Lowest channel limit:3450MHz	Highest channel limit:3550MHz		Record only
50	0.00000423	-0.00000223	3450.650000	3549.680000	3450.649996	3549.679998	Pass	0.0012
40	0.00000853	-0.00000196			3450.649991	3549.679998	Pass	0.0024
30	-0.00001186	-0.00000235			3450.650012	3549.679998	Pass	-0.0034
20	-0.00002253	0.00000963			3450.650023	3549.680010	Pass	-0.0064
10	0.00000646	0.00000325			3450.649994	3549.680003	Pass	0.0018
0	-0.00001532	0.00000536			3450.650015	3549.680005	Pass	-0.0044
-10	0.00001235	-0.00001065			3450.649988	3549.679989	Pass	0.0035
-20	-0.00001056	-0.00000936			3450.650011	3549.679991	Pass	-0.0030
-30	-0.00000221	0.00001465			3450.650002	3549.680015	Pass	0.0042
Minimum voltage	-0.00001235	-0.00000746			3450.650012	3549.679993	Pass	-0.0035
Maximum voltage	-0.00000625	-0.00000456			3450.650006	3549.679995	Pass	-0.0018
Nominal voltage	0.00000521	-0.00000825			3450.649995	3549.679992	Pass	-0.0024

Note: Nominal voltage= 3.8V, Maximum voltage= 4.2V, Minimum voltage= 3.5V.

End of Test Report