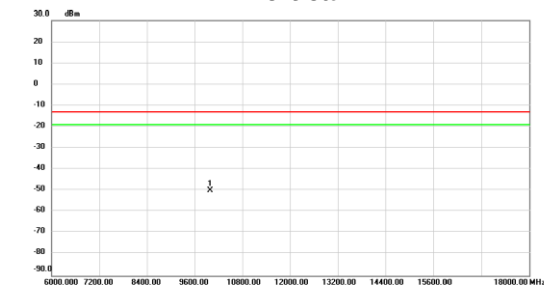


Test Mode : NR n77_TX CH633334_100M

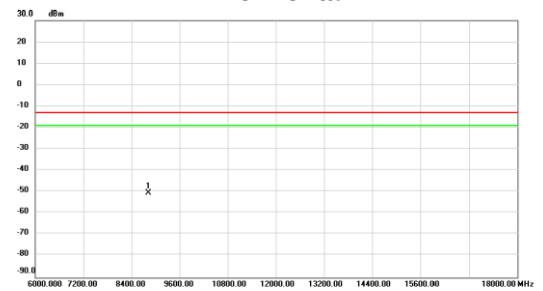
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	9996.000	-69.04	19.02	-50.02	-13.00	-37.02	peak	

Test Mode : NR n77_TX CH633334_100M

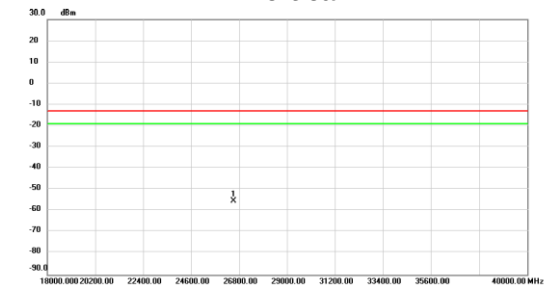
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	8826.000	-69.39	18.78	-50.61	-13.00	-37.61	peak	

Test Mode : NR n77_TX CH633334_100M

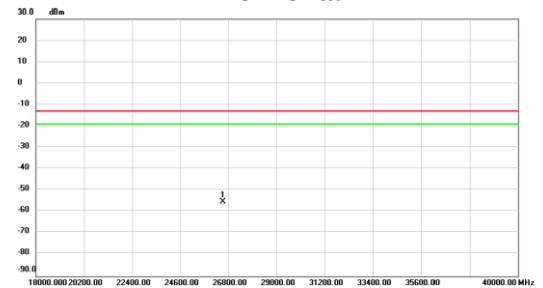
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	26562.40	-59.07	3.74	-55.33	-13.00	-42.33	peak	

Test Mode : NR n77_TX CH633334_100M

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	26562.40	-59.07	3.74	-55.33	-13.00	-42.33	peak	

Test Mode : NR n78_TX CH633334_10M

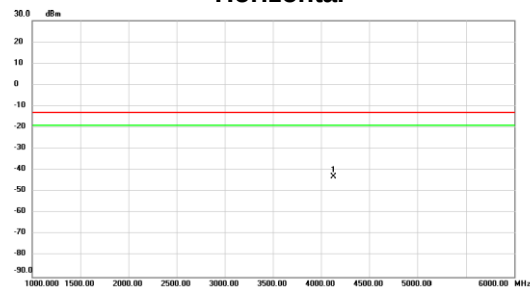
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	2465.000	-49.51	5.20	-44.31	-13.00	-31.31	peak	

Test Mode : NR n78_TX CH633334_10M

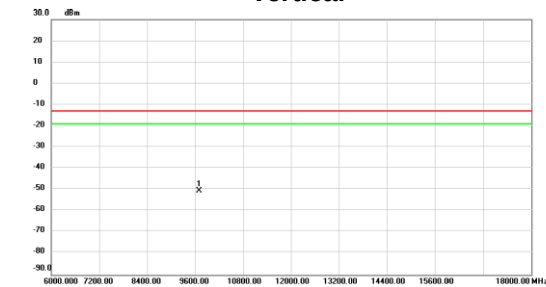
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	4130.000	-52.62	9.88	-42.94	-13.00	-29.94	peak	

Test Mode : NR n78_TX CH633334_10M

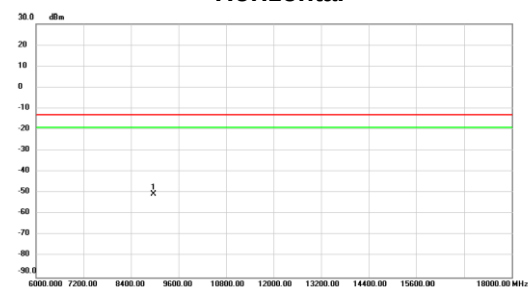
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	9702.000	-69.42	18.88	-50.54	-13.00	-37.54	peak	

Test Mode : NR n78_TX CH633334_10M

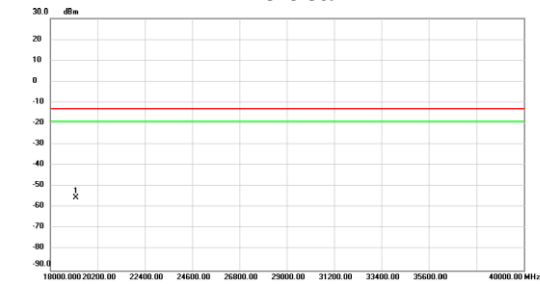
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	8970.000	-69.42	18.85	-50.57	-13.00	-37.57	peak	

Test Mode : NR n78_TX CH633334_10M

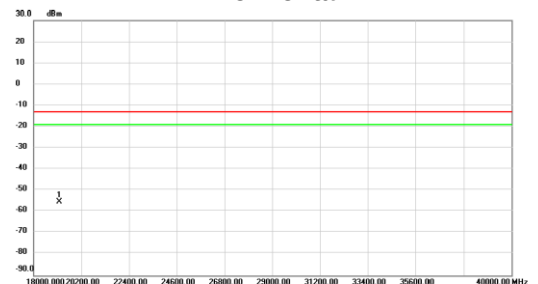
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	19191.30	-54.12	-1.19	-55.31	-13.00	-42.31	peak	

Test Mode : NR n78_TX CH633334_10M

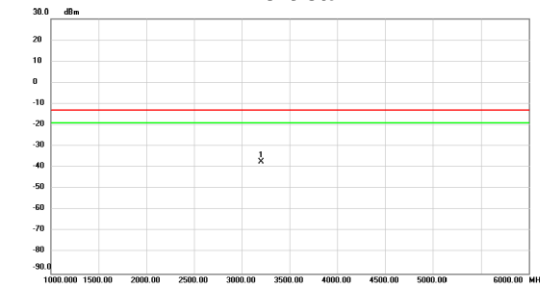
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	19191.30	-54.12	-1.19	-55.31	-13.00	-42.31	peak	

Test Mode : NR n78_TX CH633334_100M

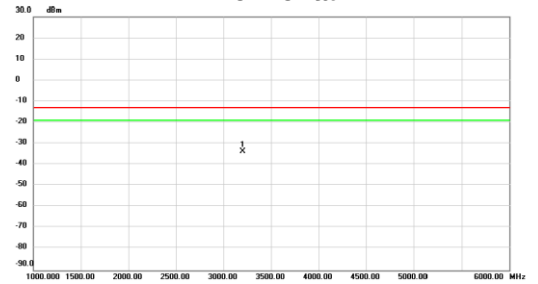
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	3205.000	-56.07	18.59	-37.48	-13.00	-24.48	peak	

Test Mode : NR n78_TX CH633334_100M

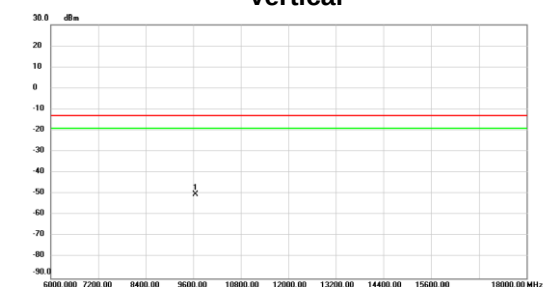
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	3205.000	-40.49	6.85	-33.64	-13.00	-20.64	peak	

Test Mode : NR n78_TX CH633334_100M

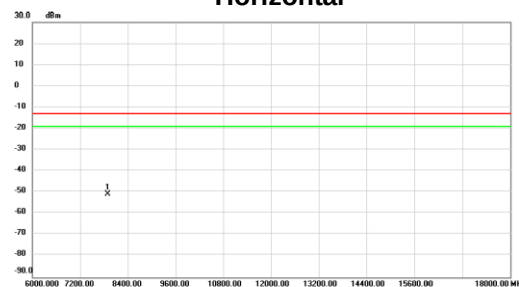
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	9648.000	-68.99	18.86	-50.13	-13.00	-37.13	peak	

Test Mode : NR n78_TX CH633334_100M

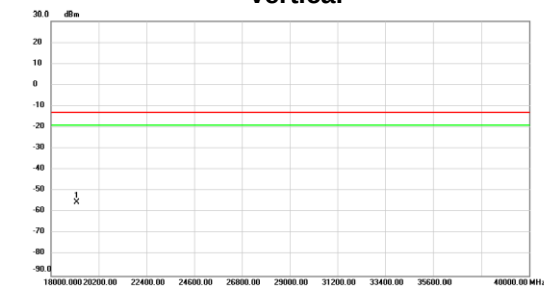
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	7902.000	-69.52	18.61	-50.91	-13.00	-37.91	peak	

Test Mode : NR n78_TX CH633334_100M

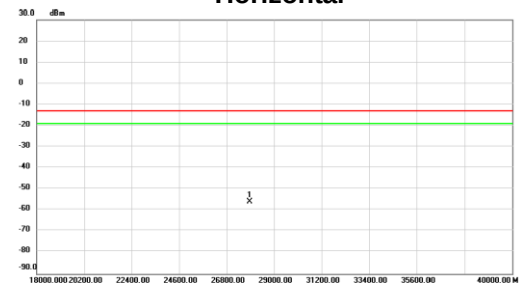
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	19191.30	-54.12	-1.19	-55.31	-13.00	-42.31	peak	

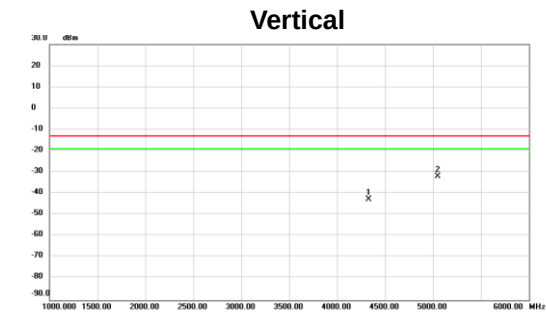
Test Mode : NR n78_TX CH633334_100M

Horizontal



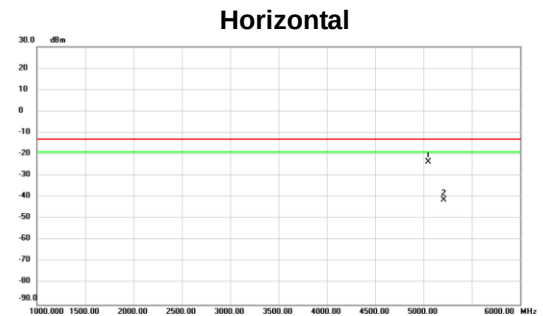
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	27867.00	-58.62	2.63	-55.99	-13.00	-42.99	peak	

Test Mode : DC_7A_n78_TX Mid-CH_10M



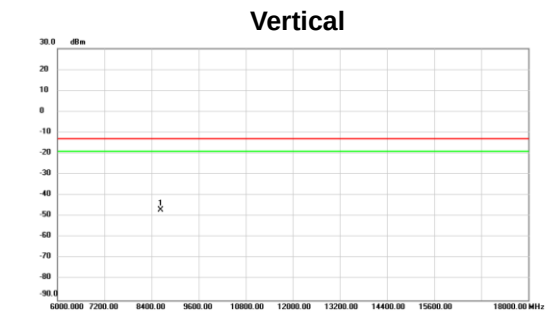
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	4330.000	-64.84	22.11	-42.73	-13.00	-29.73	peak	
2	5052.500	-66.09	24.06	-32.03	-13.00	-19.03	peak	

Test Mode : DC_7A_n78_TX Mid-CH_10M



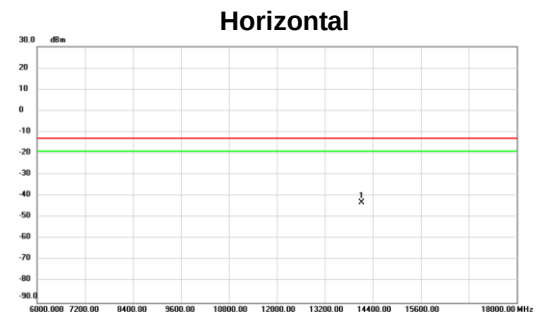
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	5052.500	-47.49	24.06	-23.43	-13.00	-10.43	peak	
2	5210.000	-65.40	24.06	-41.34	-13.00	-28.34	peak	

Test Mode : DC_7A_n78_TX Mid-CH_10M



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	8628.000	-65.51	18.70	-46.81	-13.00	-33.81	peak	

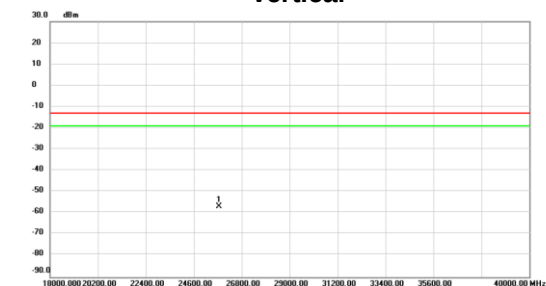
Test Mode : DC_7A_n78_TX Mid-CH_10M



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	14124.000	-64.13	21.09	-43.04	-13.00	-30.04	peak	

Test Mode : DC_7A_n78_TX Mid-CH_10M

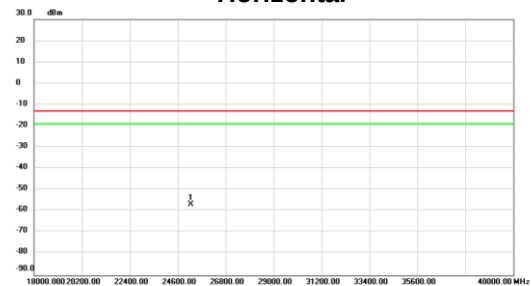
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25762.70	-60.60	3.86	-56.94	-13.00	-43.94	peak	

Test Mode : DC_7A_n78_TX Mid-CH_10M

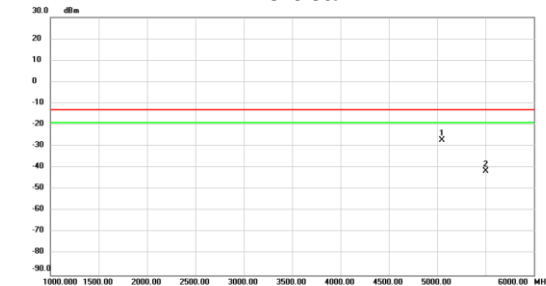
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25200.60	-60.80	3.86	-56.94	-13.00	-43.94	peak	

Test Mode : DC_7A_n78_TX Mid-CH_100M

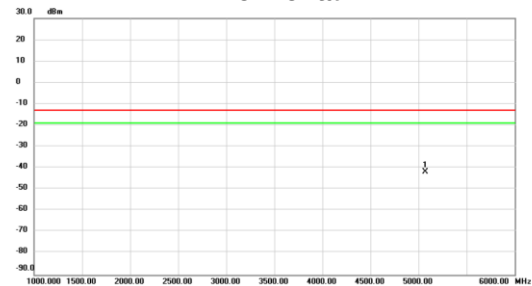
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5052.500	-51.15	24.06	-27.09	-13.00	-14.09	peak	
2		5500.000	-65.52	24.07	-41.45	-13.00	-28.45	peak	

Test Mode : DC_7A_n78_TX Mid-CH_100M

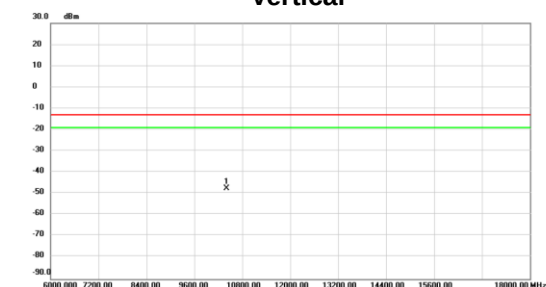
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5057.500	-66.03	24.06	-41.97	-13.00	-28.97	peak	

Test Mode : DC_7A_n78_TX Mid-CH_100M

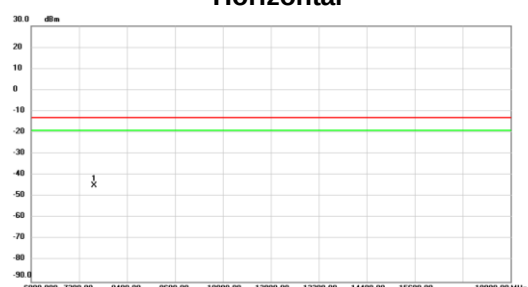
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	10404.00	-65.63	18.23	-47.40	-13.00	-34.40	peak	

Test Mode : DC_7A_n78_TX Mid-CH_100M

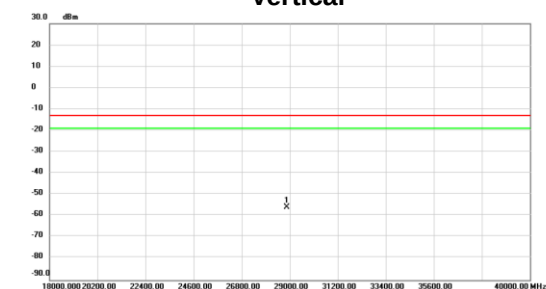
Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	7578.00	-63.41	18.50	-44.91	-13.00	-31.91	peak	

Test Mode : DC_7A_n78_TX Mid-CH_100M

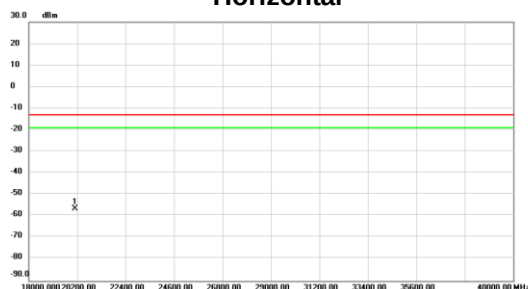
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	28882.30	-58.72	2.65	-56.07	-13.00	-43.07	peak	

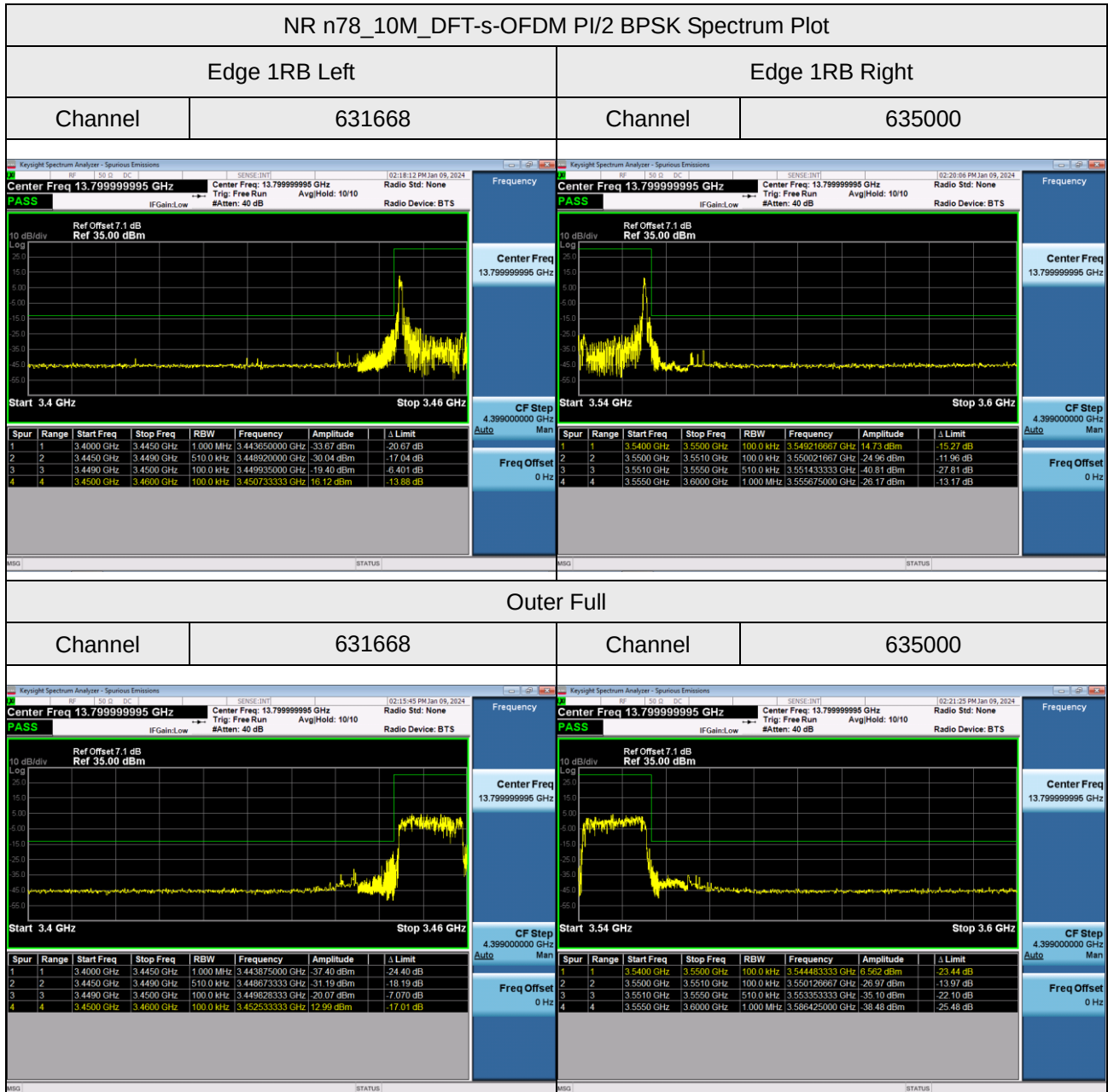
Test Mode : DC_7A_n78_TX Mid-CH_100M

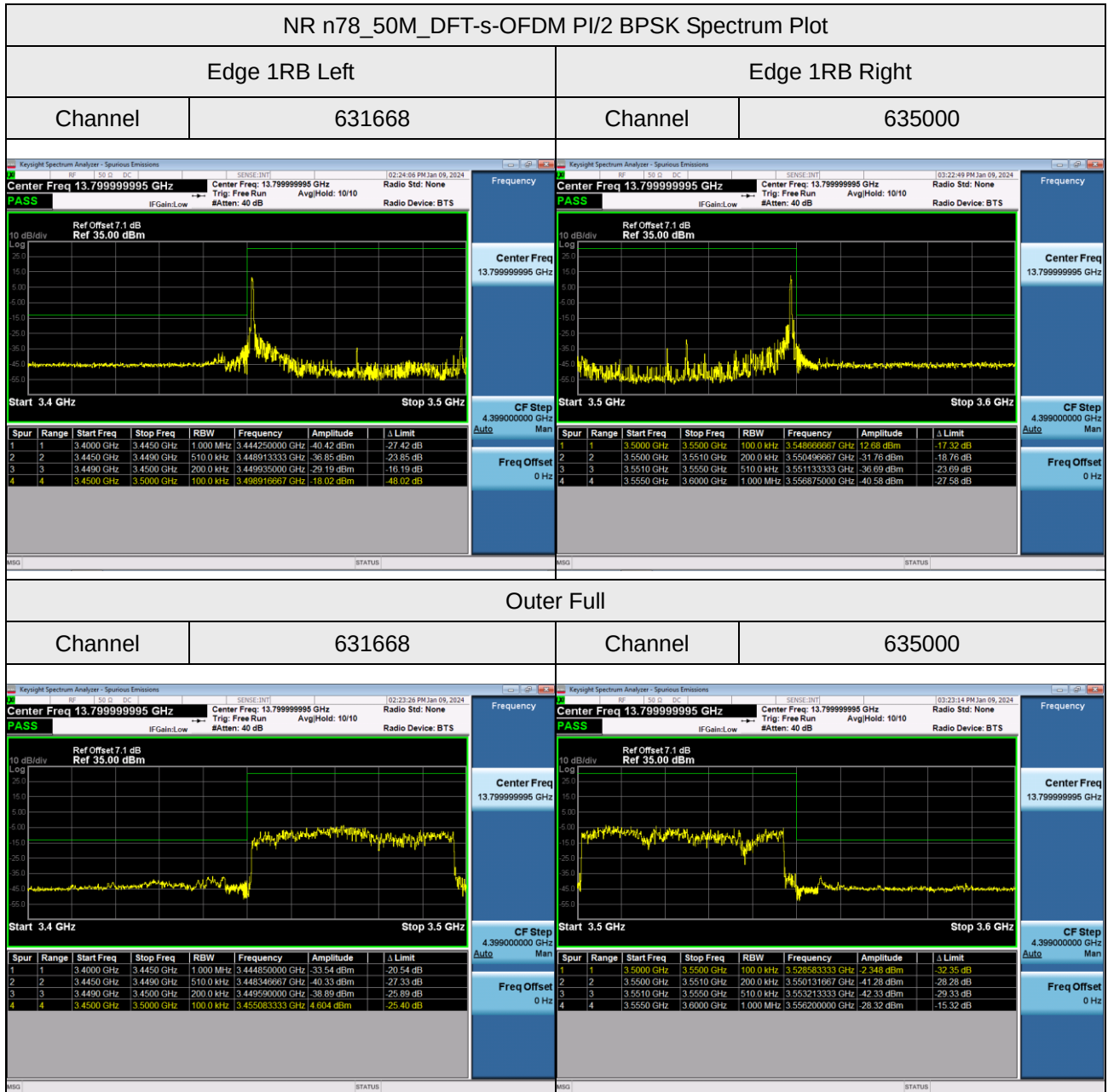
Horizontal

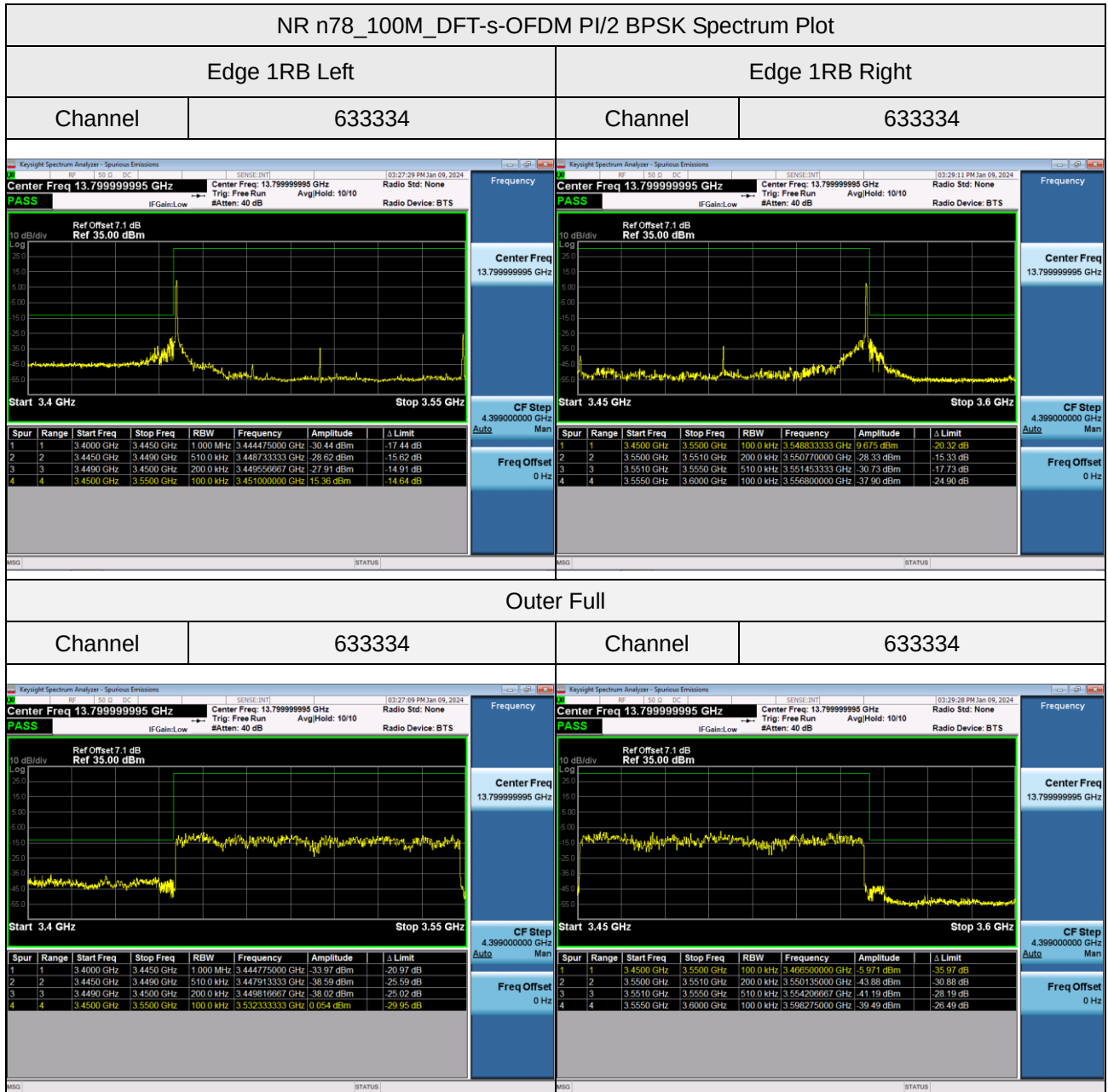


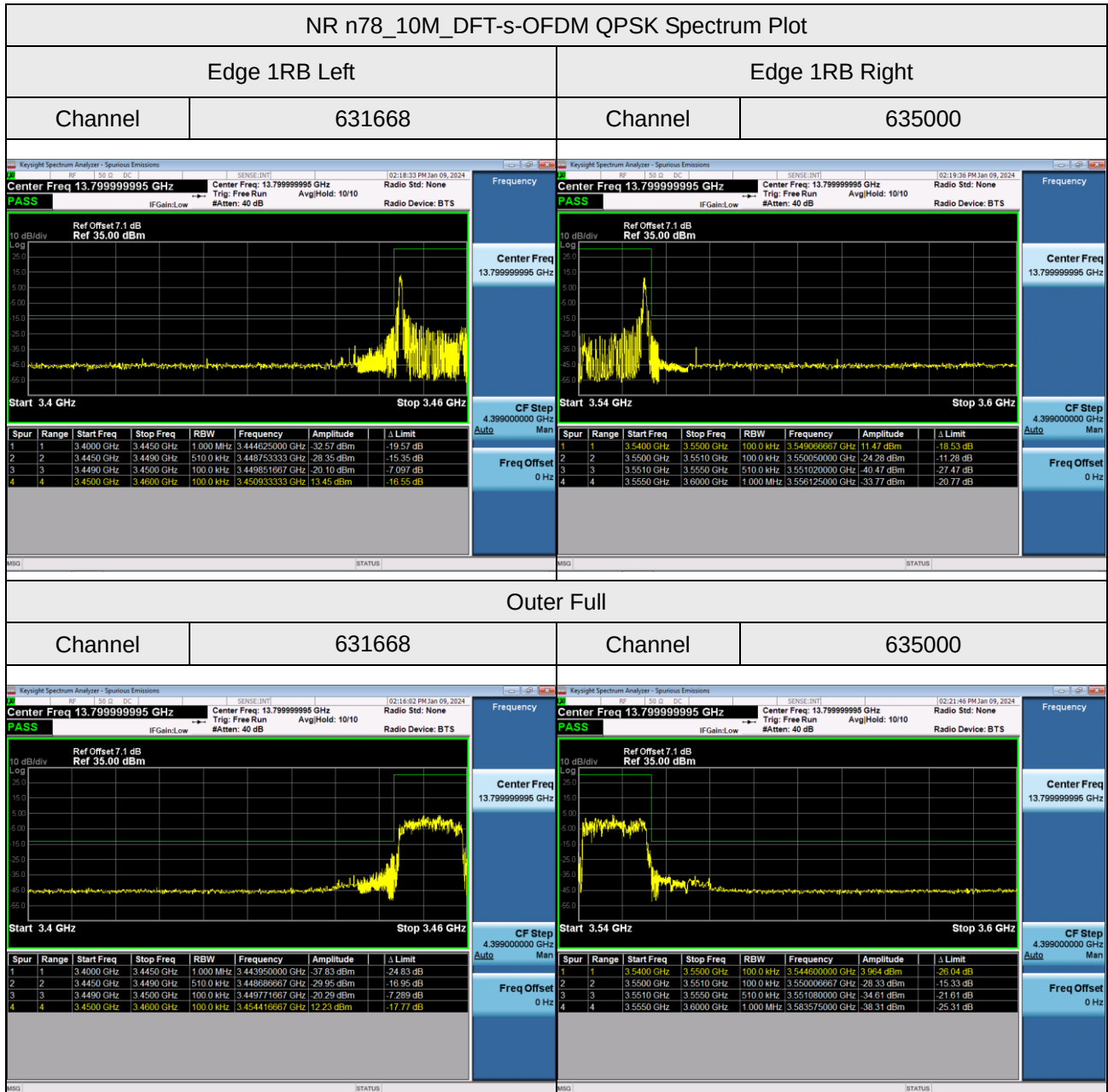
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	20087.80	-55.85	-0.60	-56.45	-13.00	-43.45	peak	

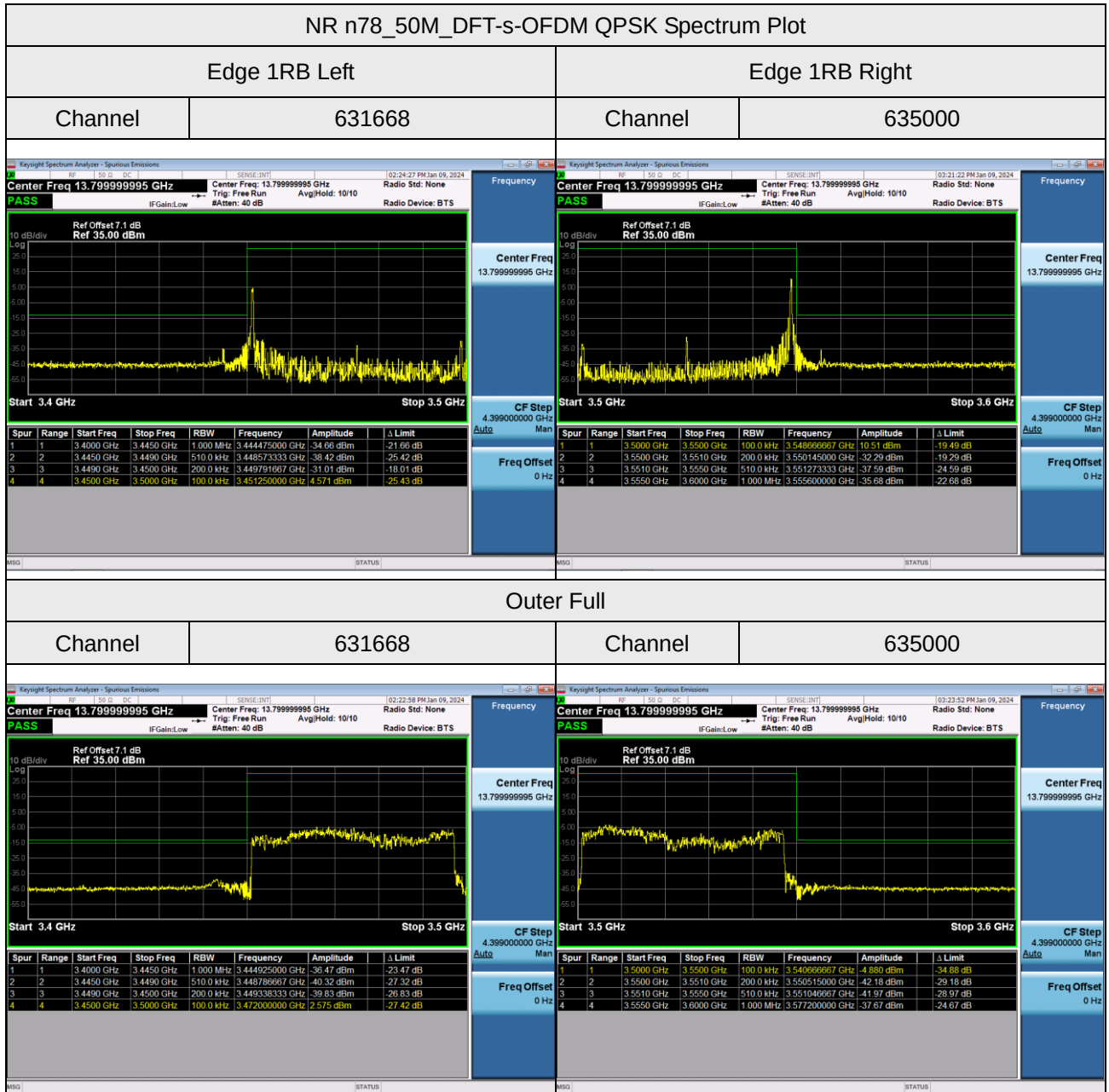
APPENDIX G - BAND EDGE











NR n78_100M_DFT-s-OFDM QPSK Spectrum Plot

Edge 1RB Left

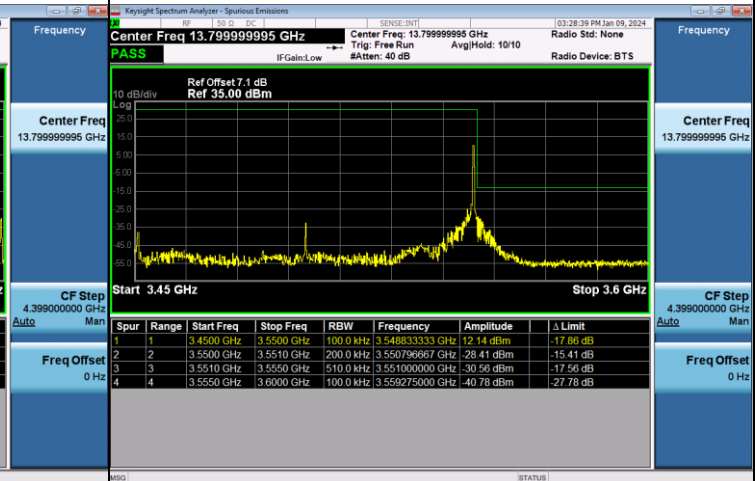
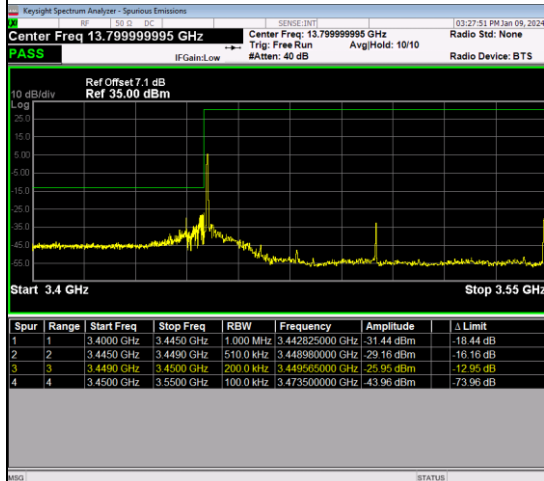
Edge 1RB Right

Channel

633334

Channel

633334



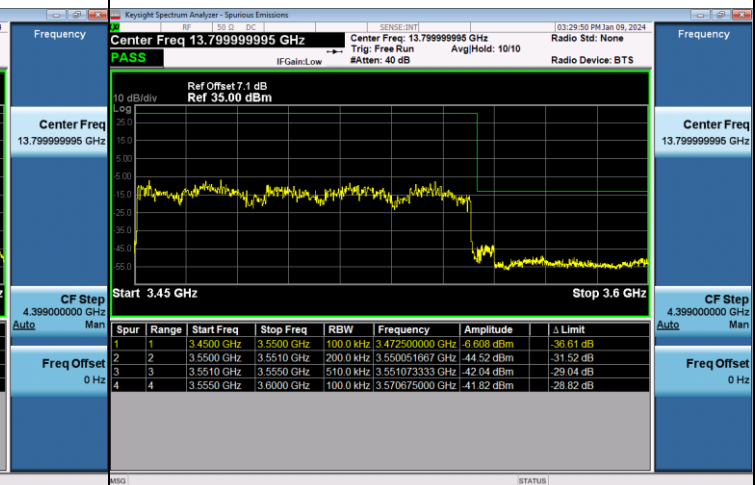
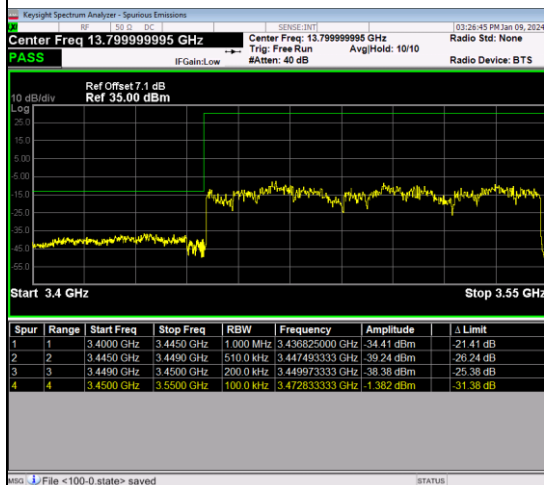
Outer Full

Channel

633334

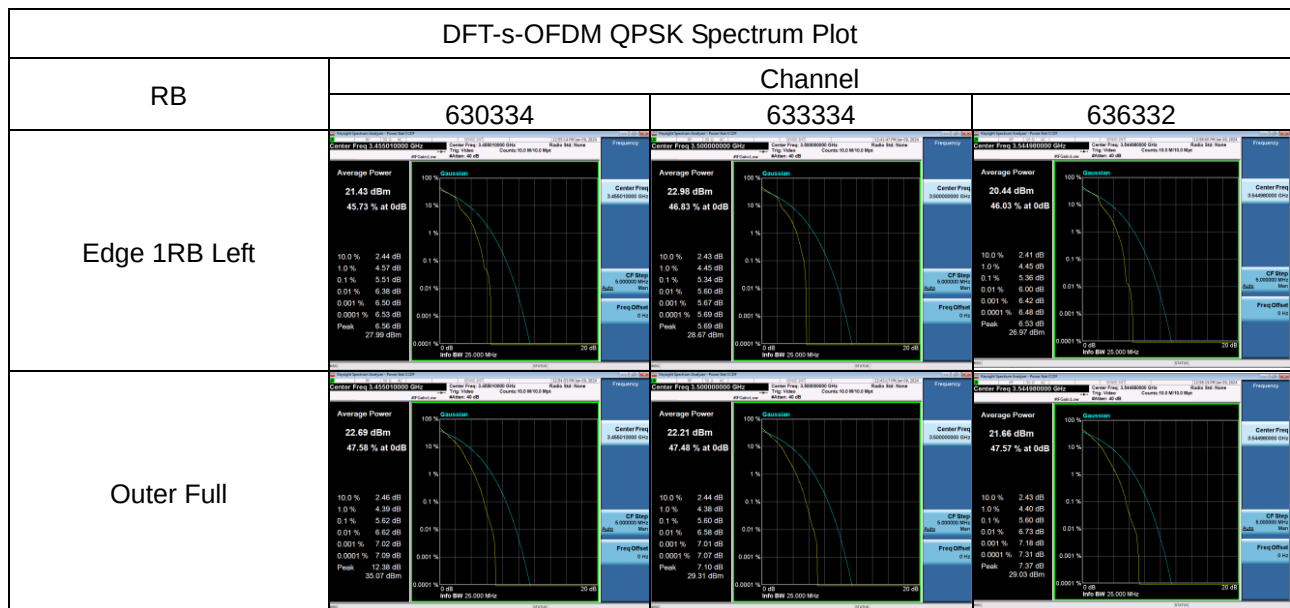
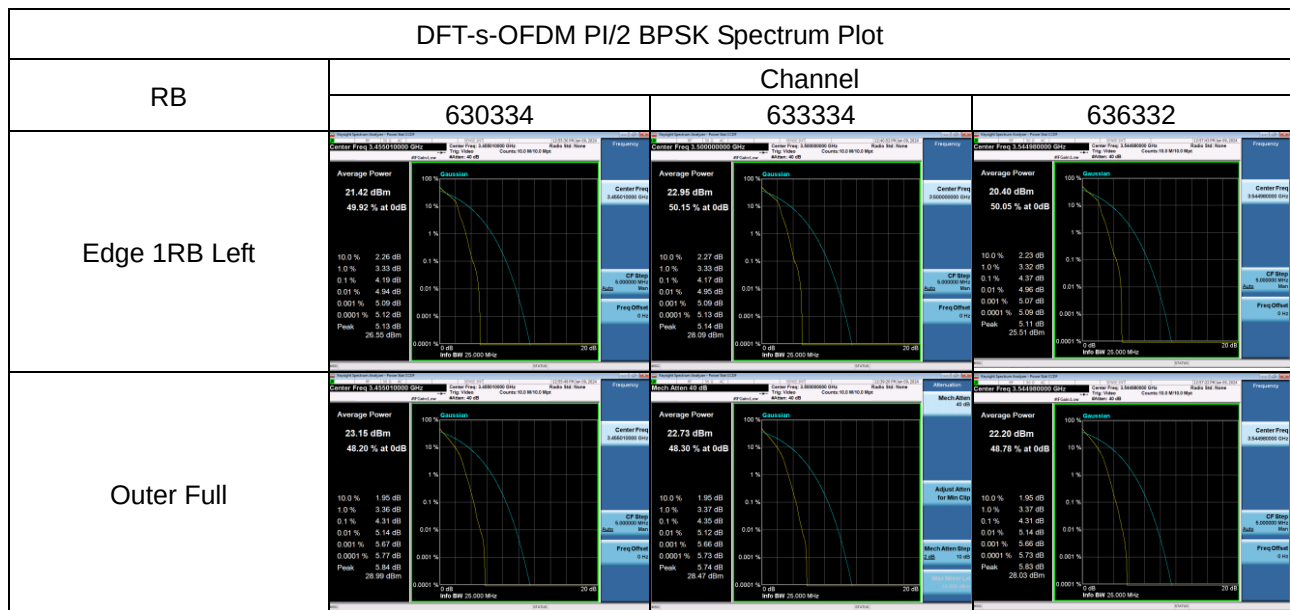
Channel

633334



APPENDIX H - PEAK TO AVERAGE RATIO

NR n78_10MHz							
Channel	Frequency (MHz)	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		
630334	3455.01	4.19	4.31	5.51	5.62	13	Pass
633334	3500.01	4.17	4.35	5.34	5.60	13	Pass
636332	3544.98	4.37	4.31	5.36	5.60	13	Pass



APPENDIX I - FREQUENCY STABILITY

Test Mode	NR n78_10MHz
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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	-0.0000037	0.0000024	3450.510900	3549.440700	3450.510904	3549.440702	Pass	-0.0011
40	-0.0000001	-0.0000002			3450.510900	3549.440700	Pass	-0.0001
30	-0.0000013	0.0000041			3450.510901	3549.440704	Pass	0.0012
20	-0.0000017	0.000011			3450.510902	3549.440711	Pass	0.0031
10	0.0000033	-0.0000039			3450.510897	3549.440696	Pass	-0.0011
0	-0.0000016	0.0000107			3450.510902	3549.440711	Pass	0.0030
-10	0.0000052	0.0000108			3450.510895	3549.440711	Pass	0.0030
-20	0.0000054	0.0000022			3450.510895	3549.440702	Pass	0.0016
-30	-0.0000017	0.0000069			3450.510902	3549.440707	Pass	0.0019
85% of nominal voltage	-0.0000024	0.0000042			3450.510902	3549.440704	Pass	0.0012
115% of nominal voltage	0.0000003	0.0000002			3450.510897	3549.440702	Pass	0.0009
Nominal voltage	0.0000047	0.0000025			3450.510895	3549.440703	Pass	0.0014

Note: Nominal voltage= 12V, Maximum voltage= 13.8V, Minimum voltage= 10.2V.

End of Test Report