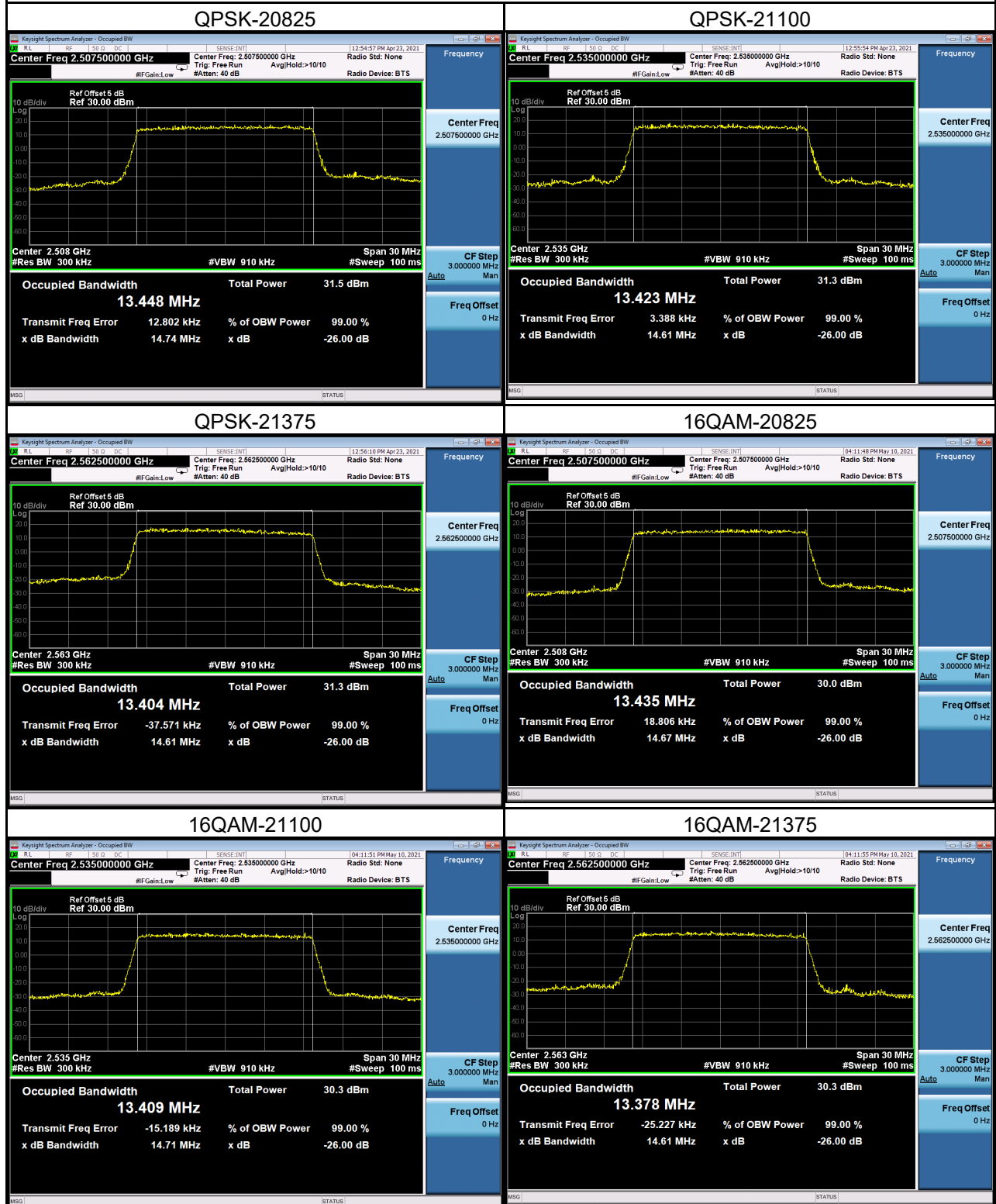
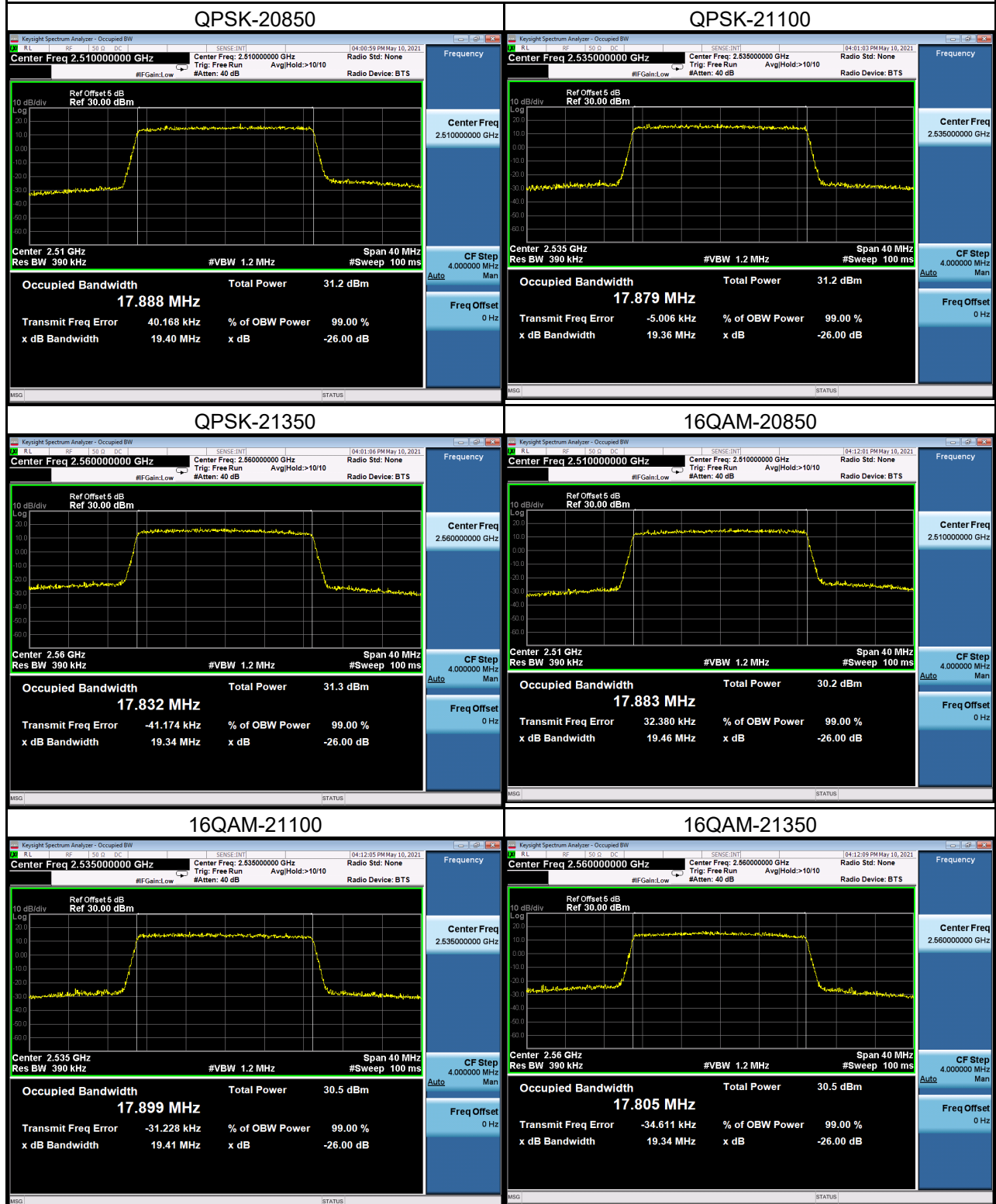


Spectrum Plot



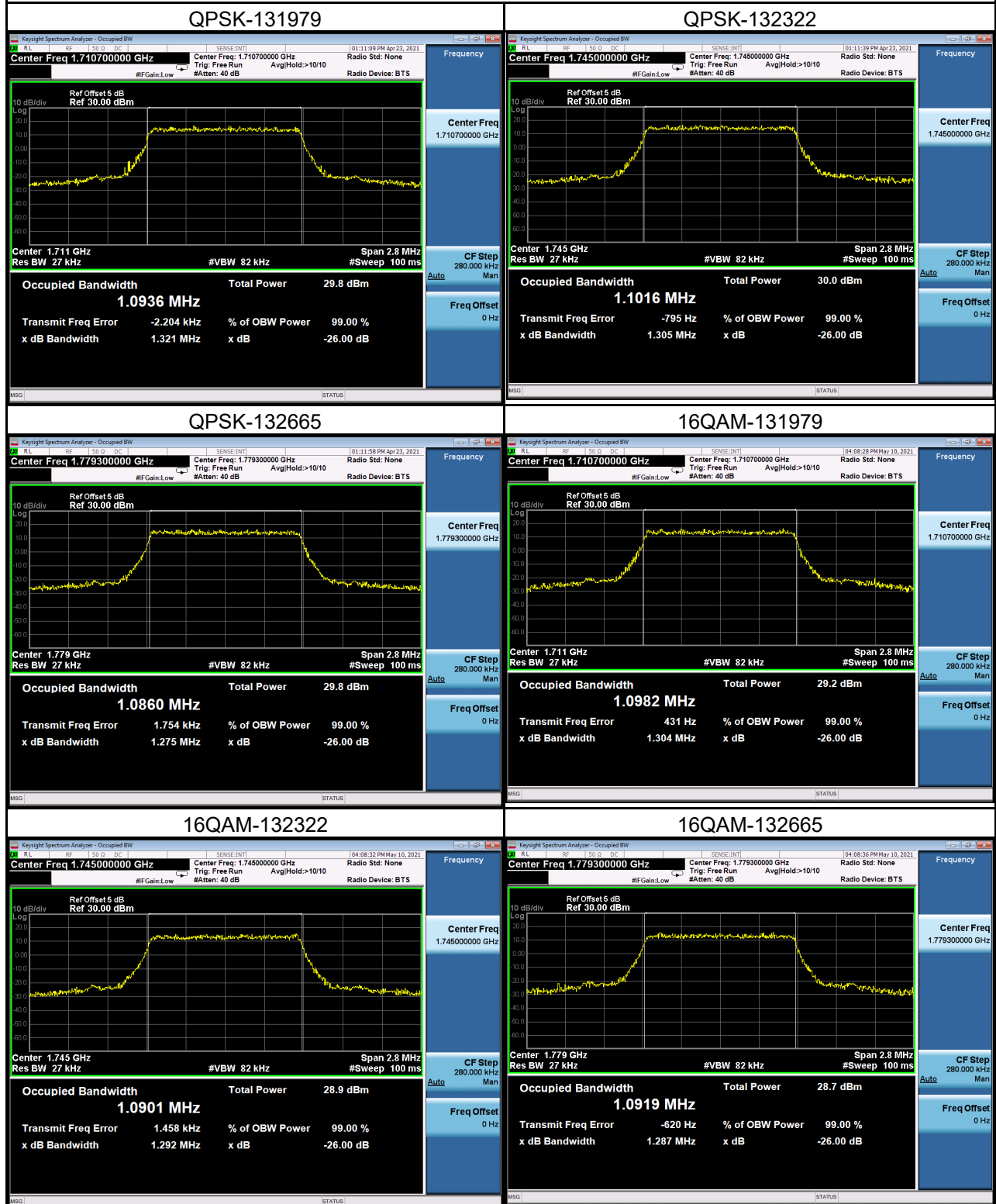
LTE Band 7_20M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
20850	2510	17.8880	20850	2510	17.8830
21100	2535	17.8790	21100	2535	17.8990
21350	2560	17.8320	21350	2560	17.8050
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
20850	2510	19.400	20850	2510	19.460
21100	2535	19.360	21100	2535	19.410
21350	2560	19.340	21350	2560	19.340

Spectrum Plot



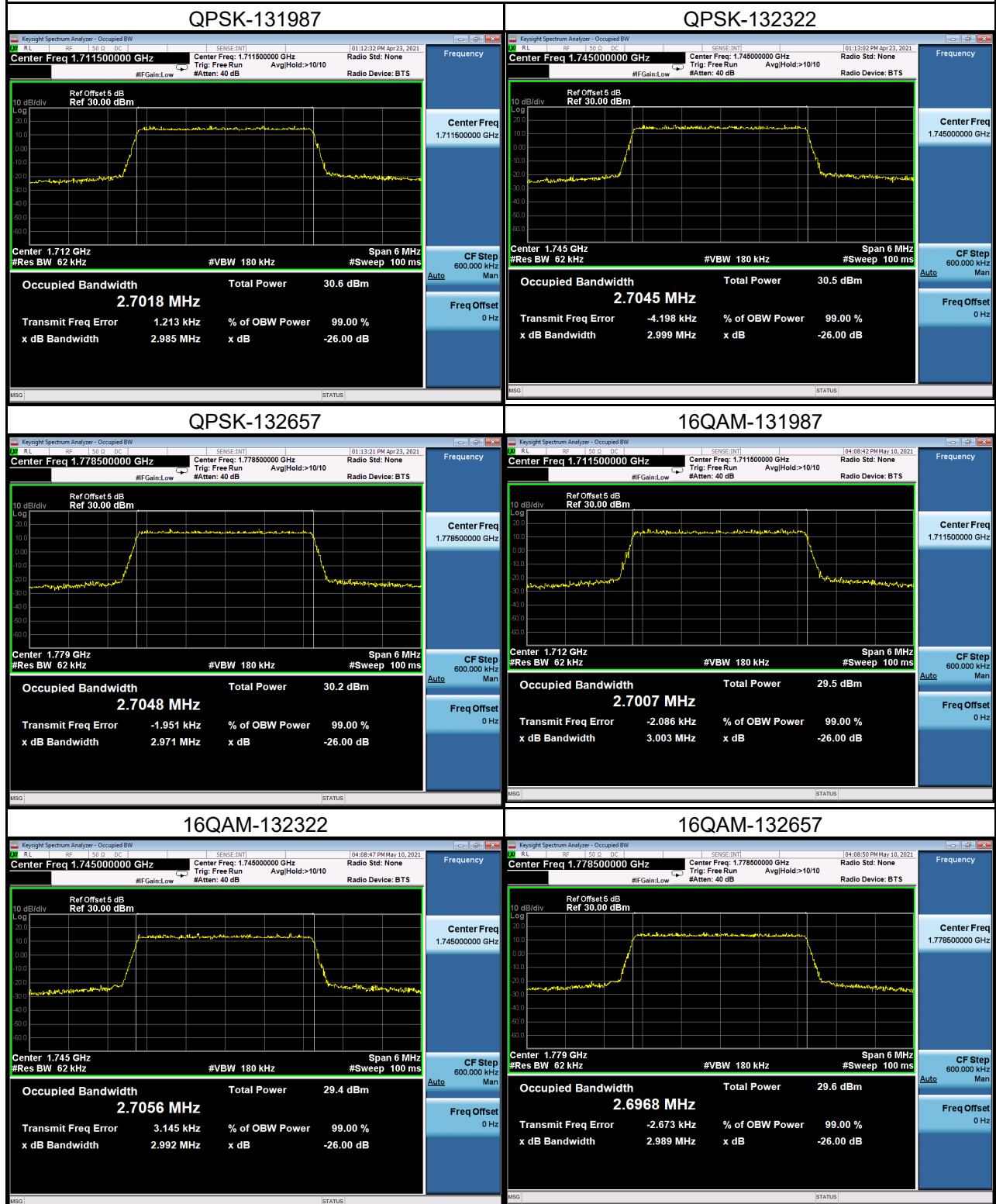
LTE Band 66_1.4M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
131979	1710.7	1.0936	131979	1710.7	1.0982
132322	1745.0	1.1016	132322	1745.0	1.0901
132665	1779.3	1.0860	132665	1779.3	1.0919
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131979	1710.7	1.321	131979	1710.7	1.304
132322	1745.0	1.305	132322	1745.0	1.292
132665	1779.3	1.275	132665	1779.3	1.287

Spectrum Plot



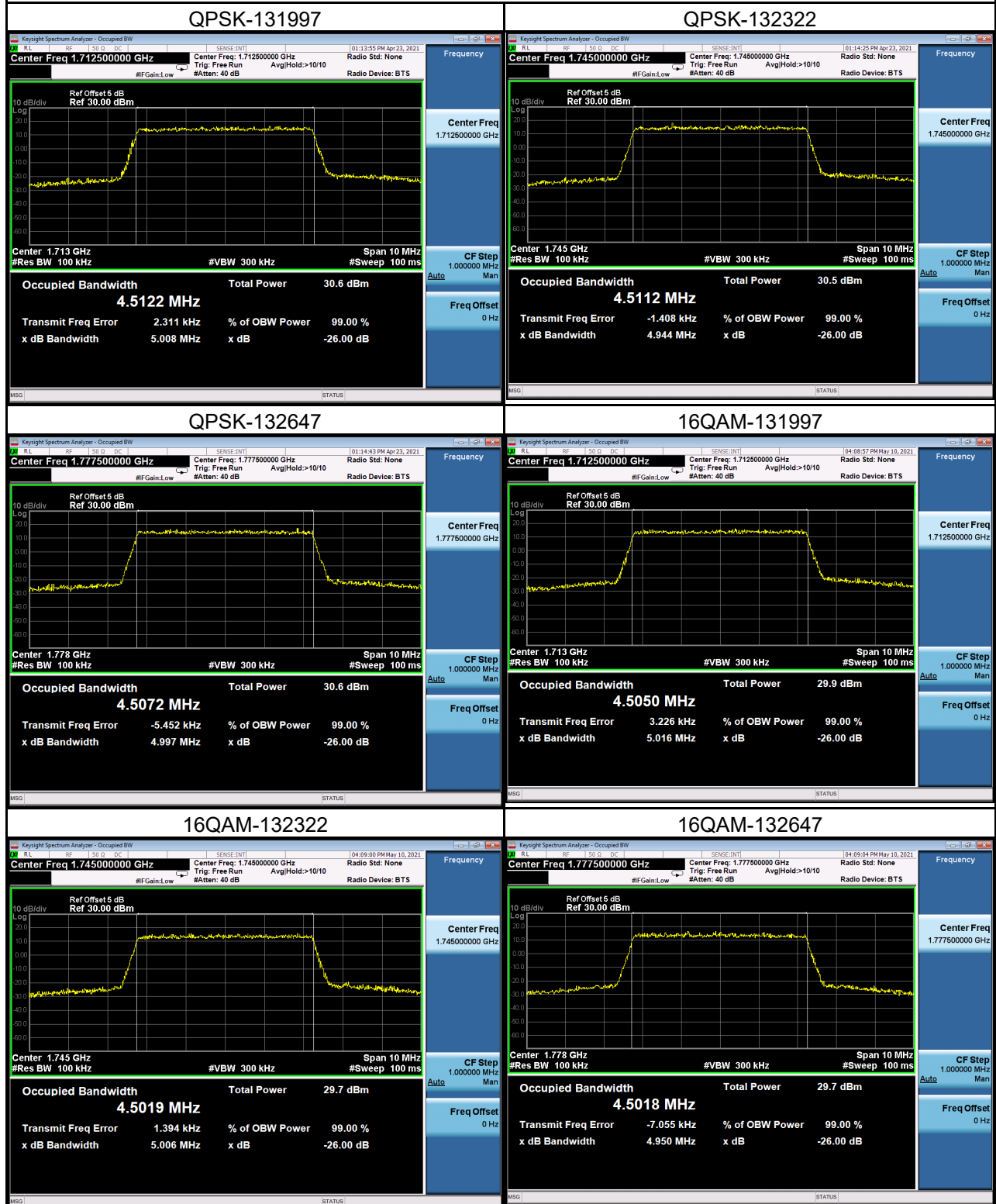
LTE Band 66_3M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
131987	1711.5	2.7018	131987	1711.5	2.7007
132322	1745.0	2.7045	132322	1745.0	2.7056
132657	1778.5	2.7048	132657	1778.5	2.6968
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131987	1711.5	2.985	131987	1711.5	3.003
132322	1745.0	2.999	132322	1745.0	2.992
132657	1778.5	2.971	132657	1778.5	2.989

Spectrum Plot



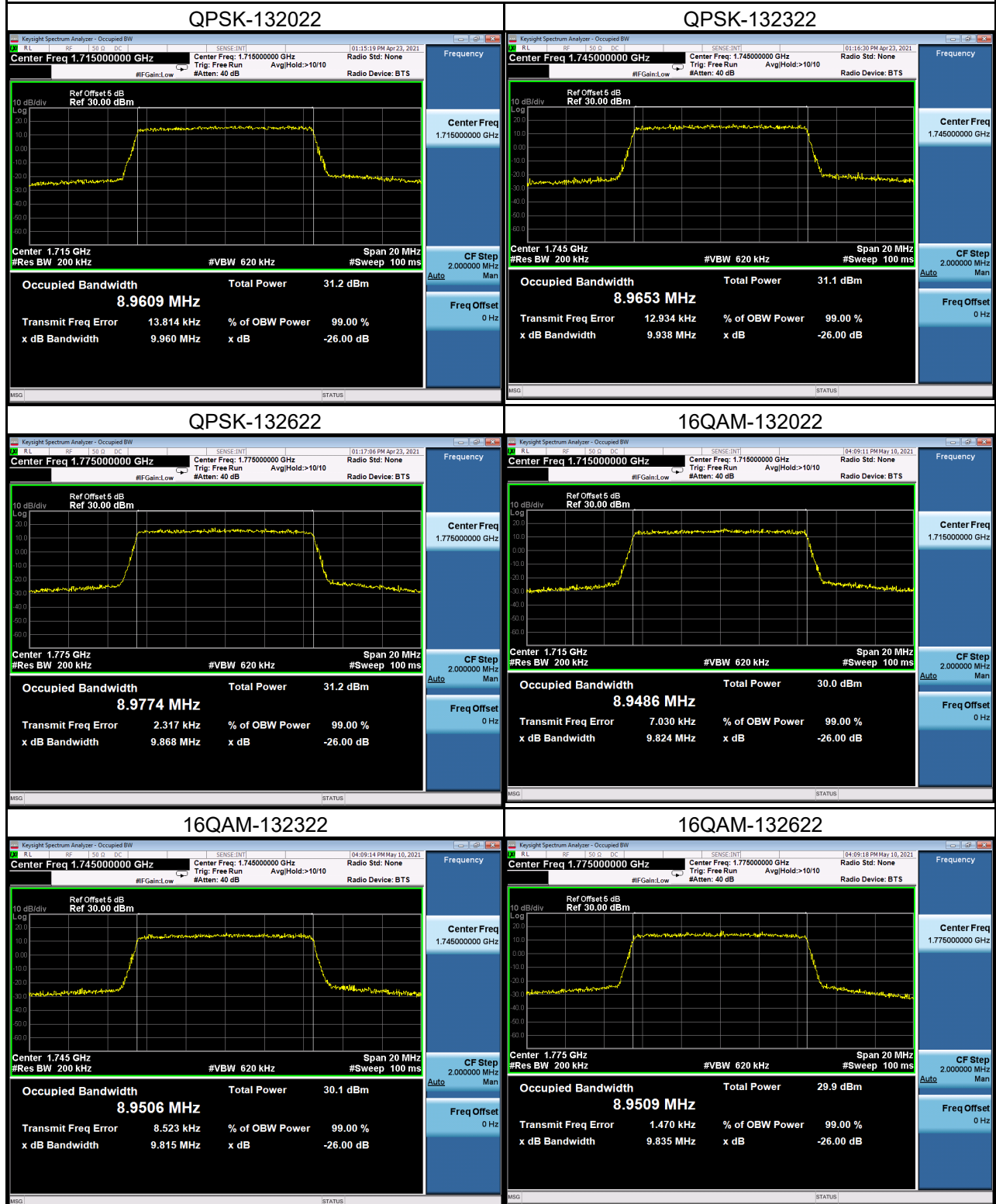
LTE Band 66_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
131997	1712.5	4.5122	131997	1712.5	4.5050
132322	1745.0	4.5112	132322	1745.0	4.5019
132647	1777.5	4.5072	132647	1777.5	4.5018
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131997	1712.5	5.008	131997	1712.5	5.016
132322	1745.0	4.944	132322	1745.0	5.006
132647	1777.5	4.997	132647	1777.5	4.950

Spectrum Plot



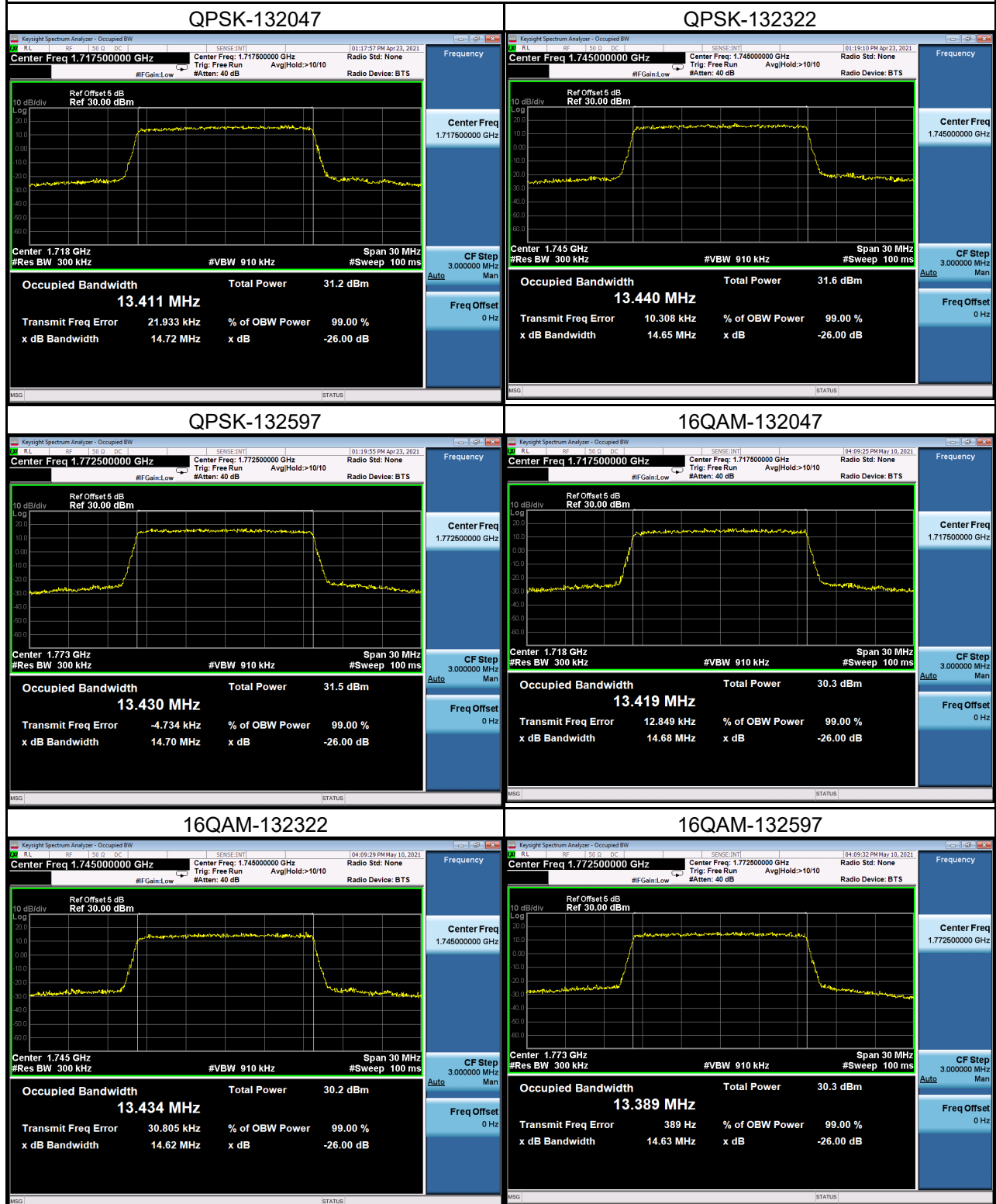
LTE Band 66_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132022	1715.0	8.9609	132022	1715.0	8.9486
132322	1745.0	8.9653	132322	1745.0	8.9506
132622	1775.0	8.9774	132622	1775.0	8.9509
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132022	1715.0	9.960	132022	1715.0	9.824
132322	1745.0	9.938	132322	1745.0	9.815
132622	1775.0	9.868	132622	1775.0	9.835

Spectrum Plot



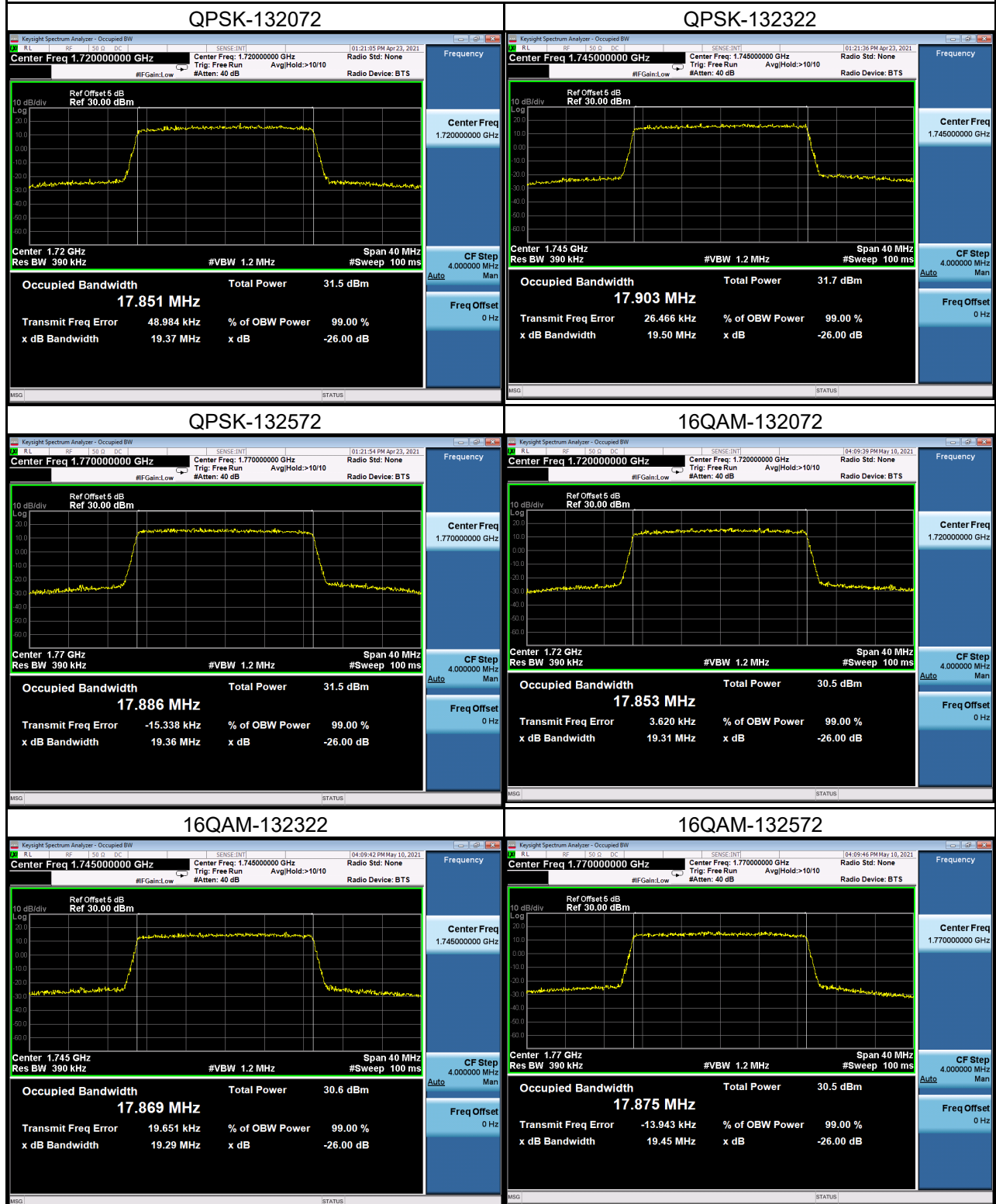
LTE Band 66_15M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132047	1717.5	13.4110	132047	1717.5	13.4190
132322	1745.0	13.4400	132322	1745.0	13.4340
132597	1772.5	13.4300	132597	1772.5	13.3890
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	14.720	132047	1717.5	14.680
132322	1745.0	14.650	132322	1745.0	14.620
132597	1772.5	14.700	132597	1772.5	14.630

Spectrum Plot

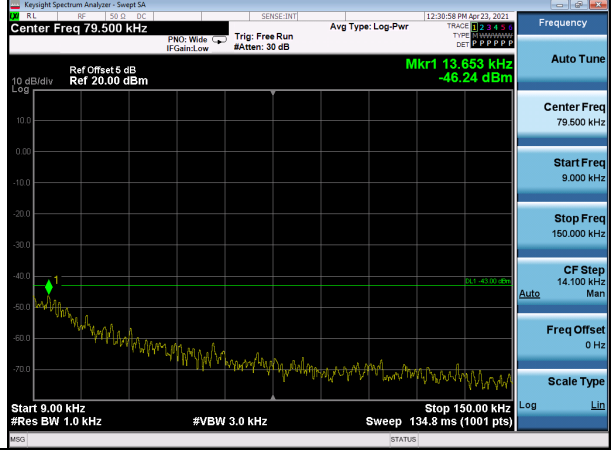
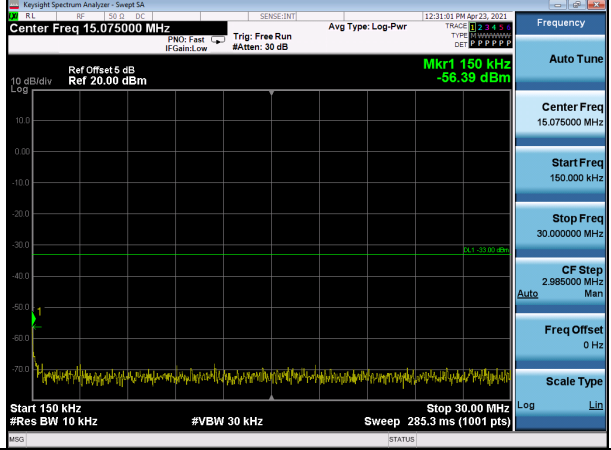
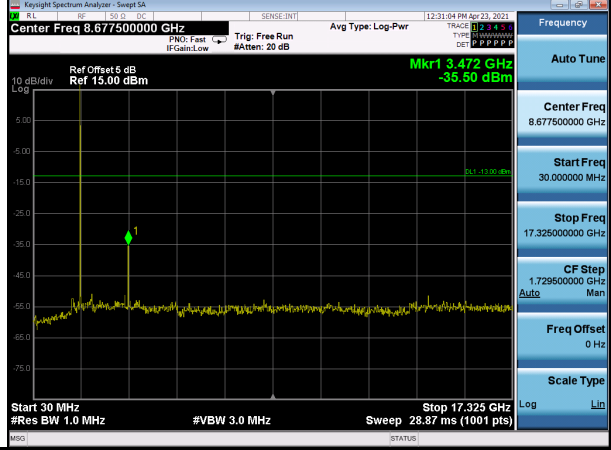


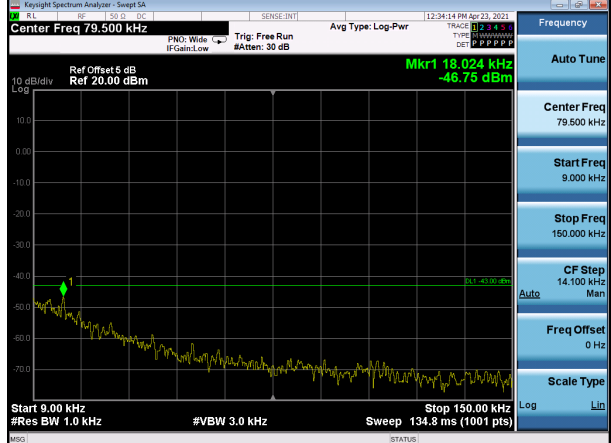
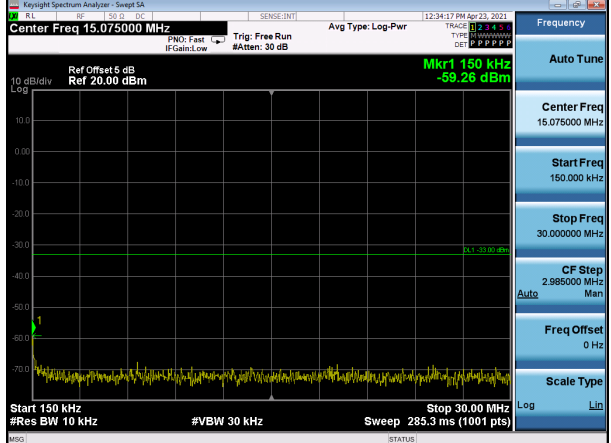
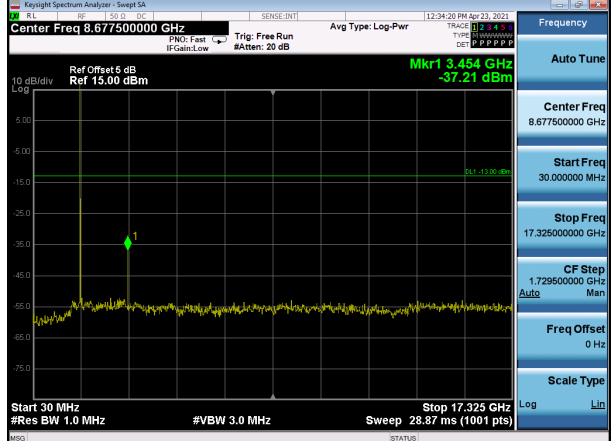
LTE Band 66_20M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132072	1720.0	17.8510	132072	1720.0	17.8530
132322	1745.0	17.9030	132322	1745.0	17.8690
132572	1770.0	17.8860	132572	1770.0	17.8750
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720.0	19.370	132072	1720.0	19.310
132322	1745.0	19.500	132322	1745.0	19.290
132572	1770.0	19.360	132572	1770.0	19.450

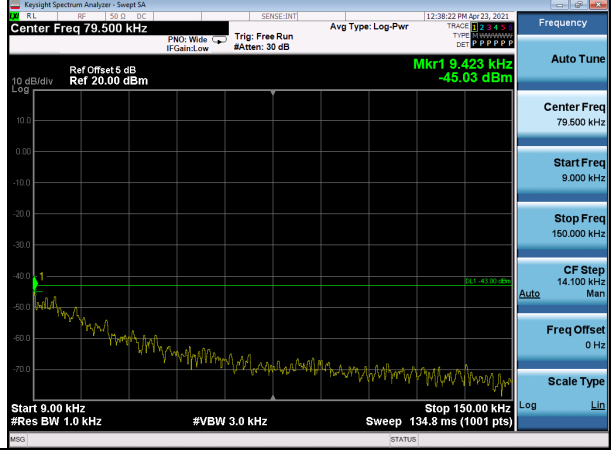
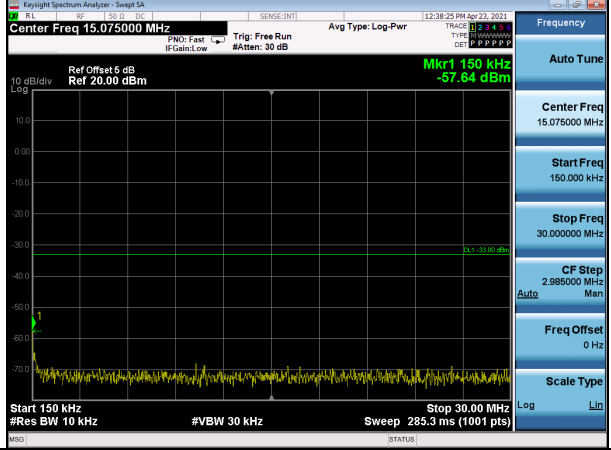
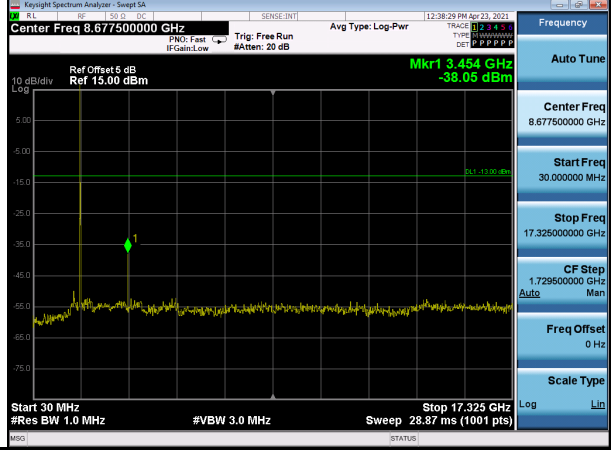
Spectrum Plot

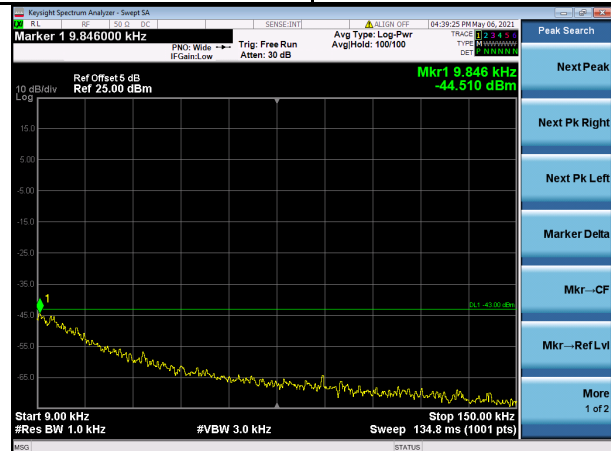
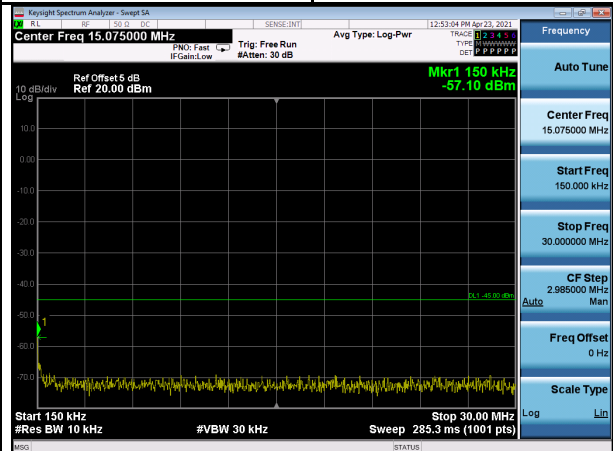
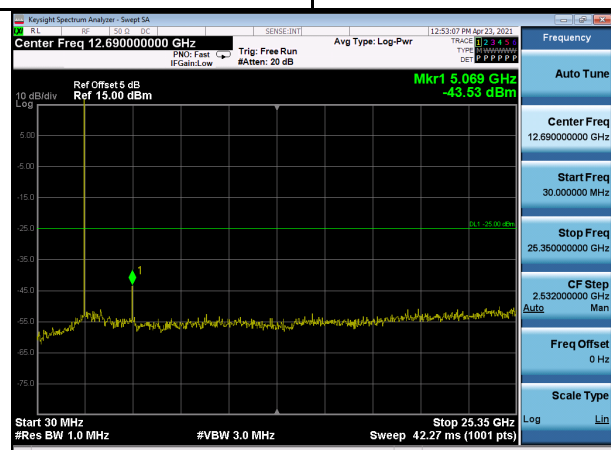


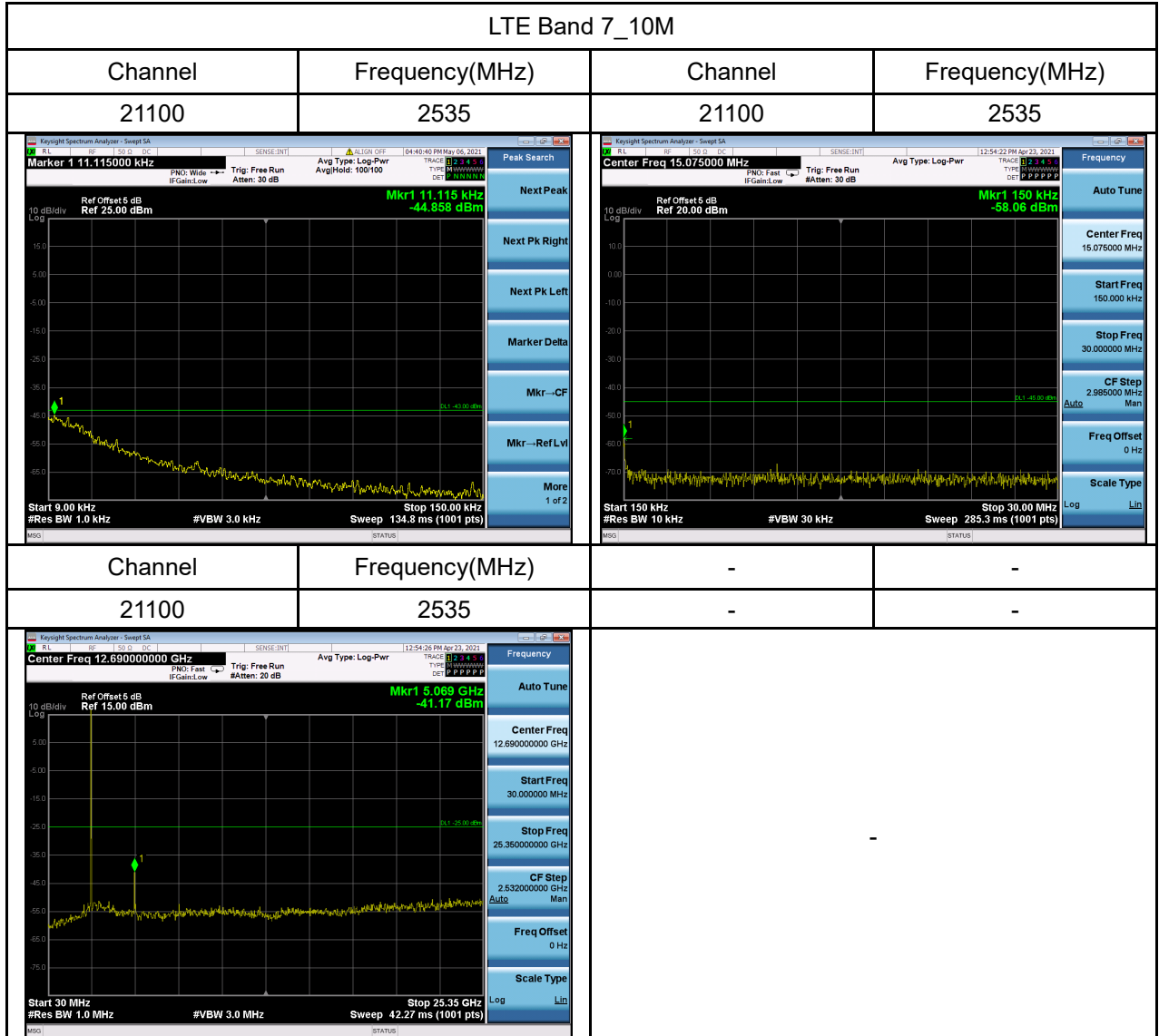
APPENDIX C - CONDUCTED EMISSIONS

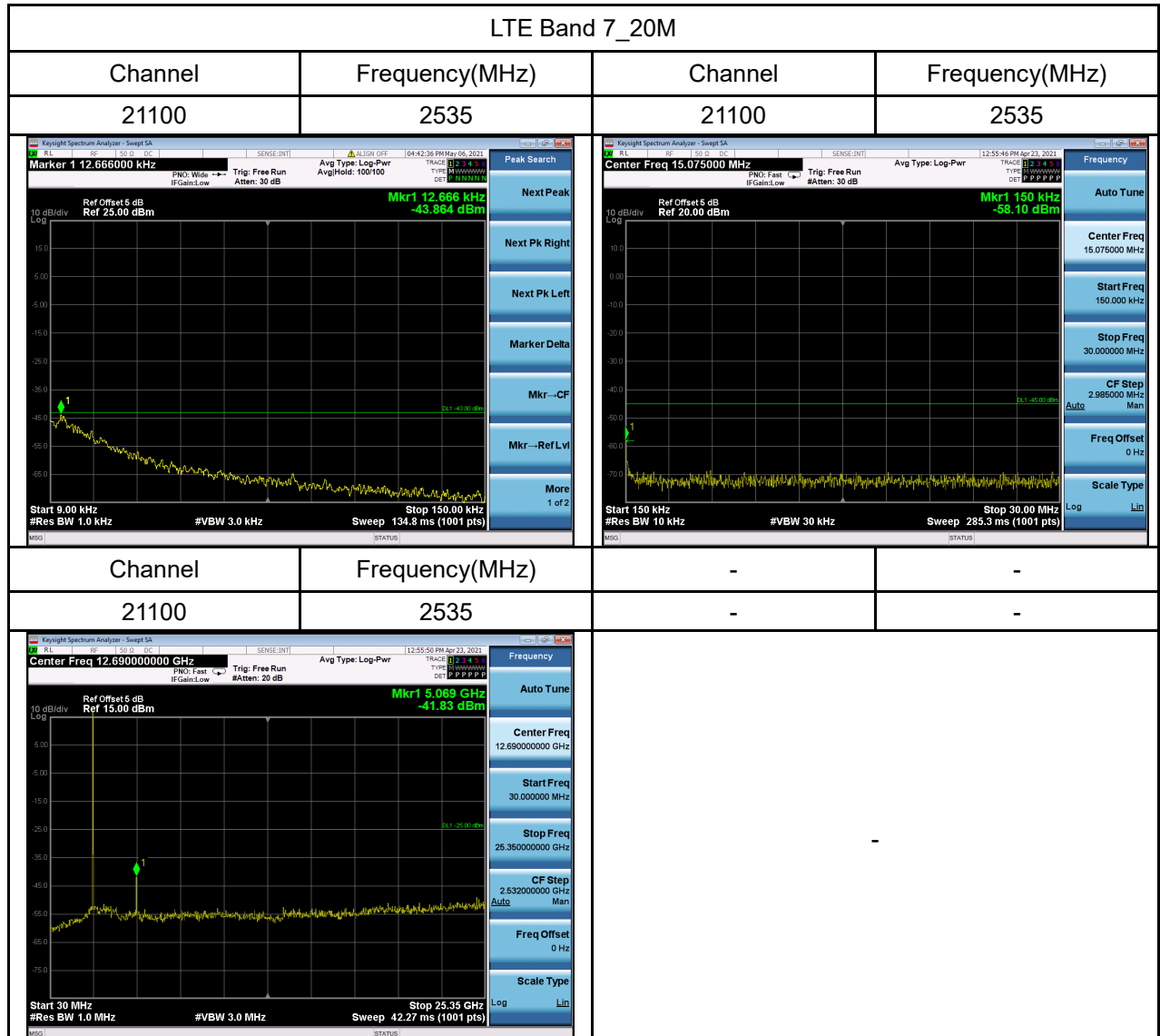
LTE Band 4_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20175	1732.5	20175	1732.5
			
Channel	Frequency(MHz)	-	-
20175	1732.5	-	-
			

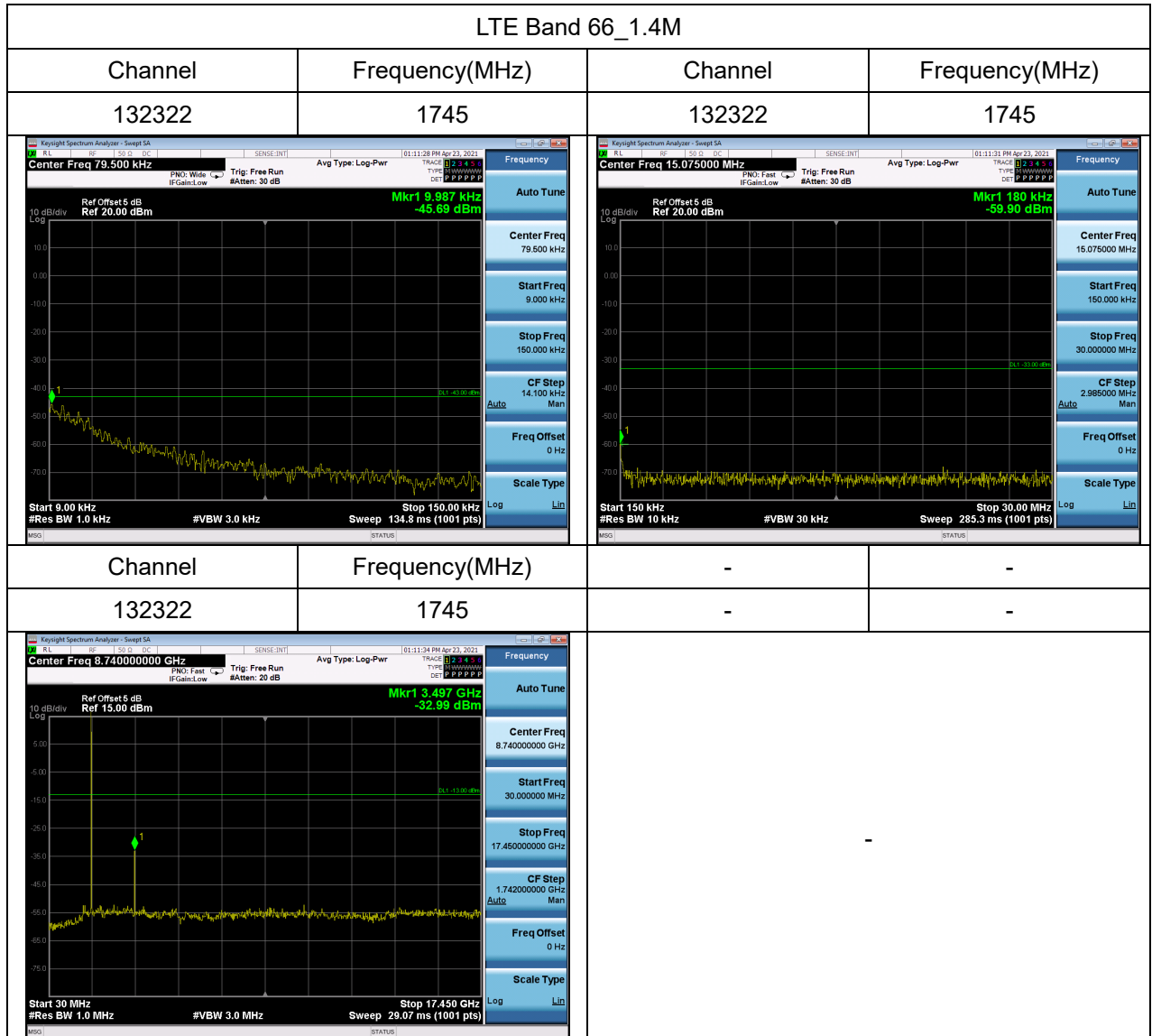
LTE Band 4_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20175	1732.5	20175	1732.5
			
Channel	Frequency(MHz)		
20175	1732.5	-	-
			

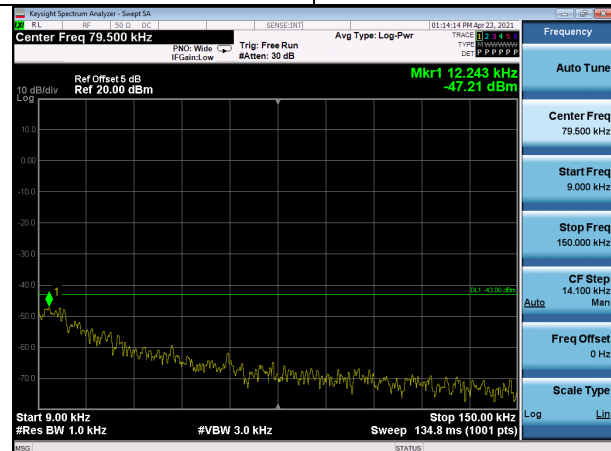
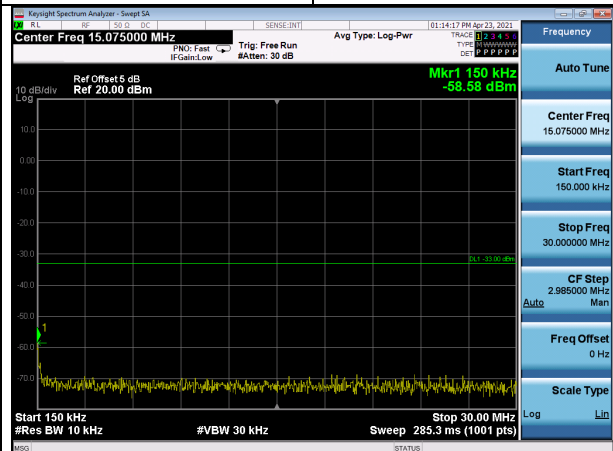
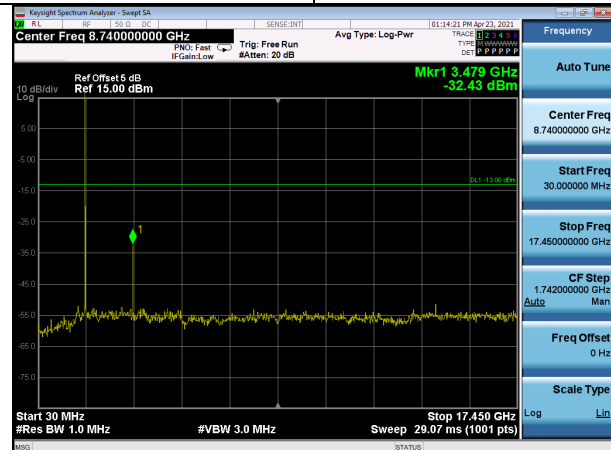
LTE Band 4_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20175	1732.5	20175	1732.5
			
Channel	Frequency(MHz)	-	-
20175	1732.5	-	-
			

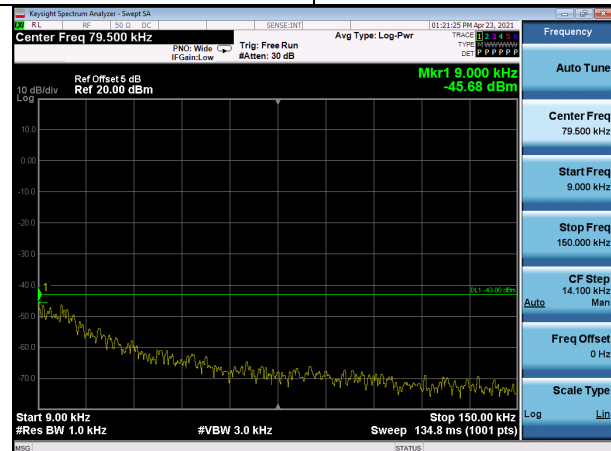
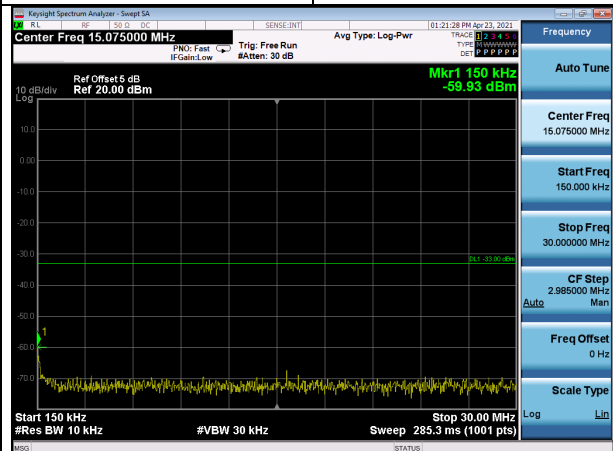
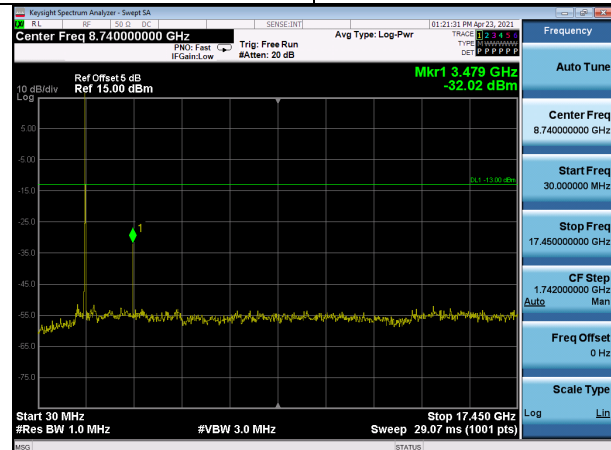
LTE Band 7_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
21100	2535	21100	2535
			
Channel	Frequency(MHz)		
21100	2535	-	-
			







LTE Band 66_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745	132322	1745
			
Channel	Frequency(MHz)		
132322	1745	-	-
			

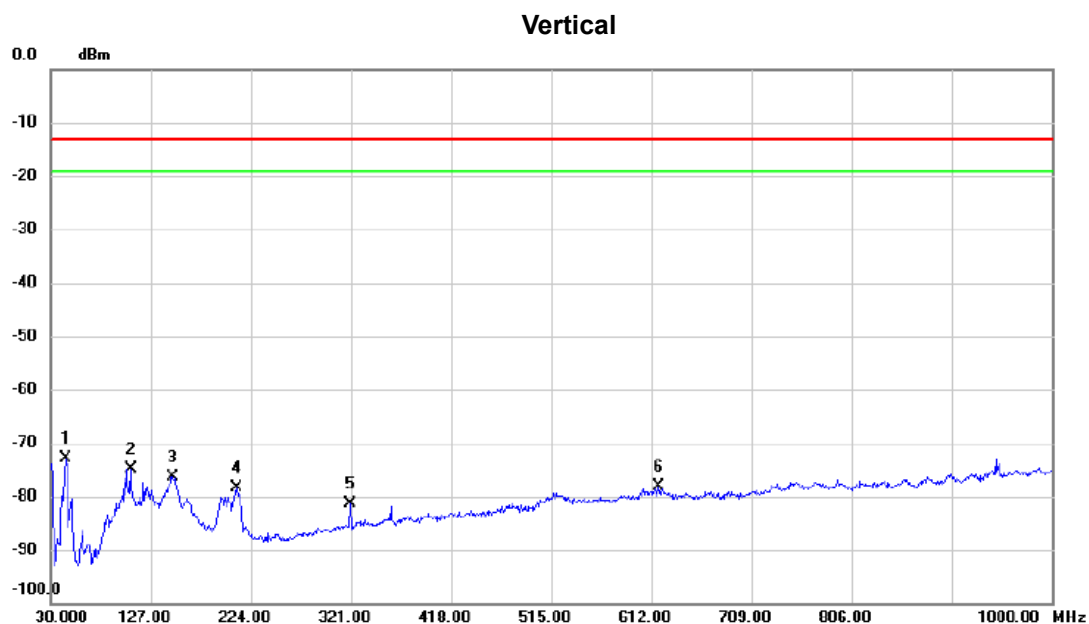
LTE Band 66_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745	132322	1745
			
Channel	Frequency(MHz)		
132322	1745	-	-
			

APPENDIX D - RADIATED SPURIOUS EMISSION (9KHZ TO 30MHZ)

Note: Below 30MHz, The measured value have enough margin over 20dB than the limit, therefore they are not reported

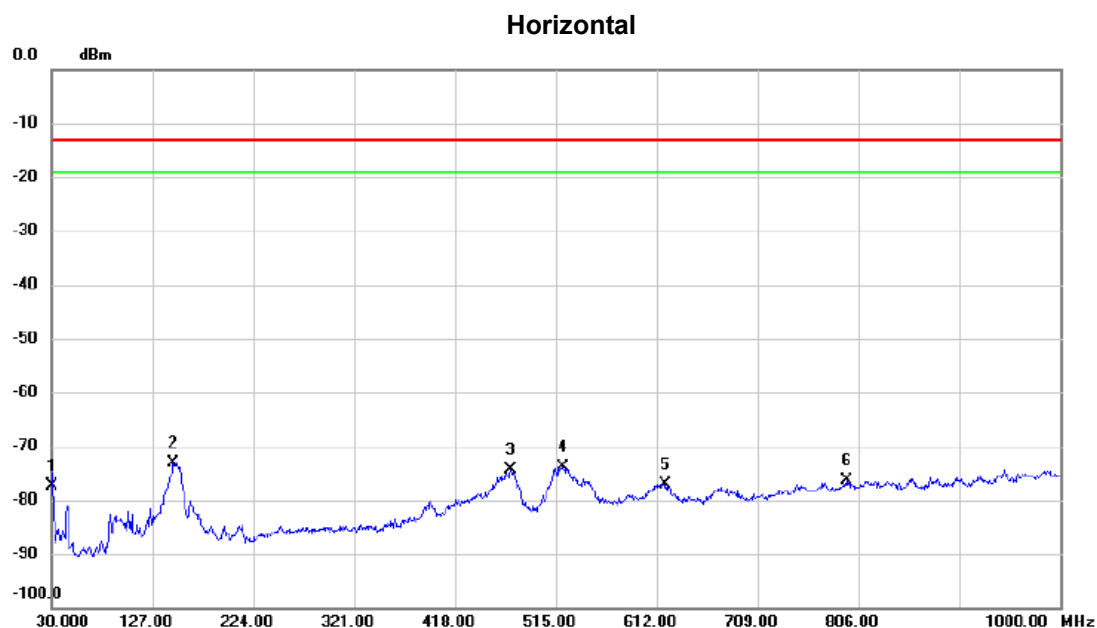
APPENDIX E - RADIATED EMISSION (30MHZ TO 1GHZ)

Test Mode: LTE Band 4_TX Mode_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	45.0350	-61.76	-11.18	-72.94	-13.00	-59.94	RMS	
2		107.6000	-77.19	2.28	-74.91	-13.00	-61.91	RMS	
3		148.3400	-76.82	0.57	-76.25	-13.00	-63.25	RMS	
4		210.9050	-74.94	-3.53	-78.47	-13.00	-65.47	RMS	
5		320.0300	-80.45	-1.00	-81.45	-13.00	-68.45	RMS	
6		619.2750	-82.22	4.13	-78.09	-13.00	-65.09	RMS	

Test Mode: LTE Band 4_TX Mode_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		30.9700	-73.86	-3.53	-77.39	-13.00	-64.39	RMS	
2	*	147.3700	-70.06	-3.02	-73.08	-13.00	-60.08	RMS	
3		471.8350	-75.57	1.19	-74.38	-13.00	-61.38	RMS	
4		522.2750	-76.06	2.26	-73.80	-13.00	-60.80	RMS	
5		619.7600	-81.10	4.10	-77.00	-13.00	-64.00	RMS	
6		794.3600	-82.59	6.33	-76.26	-13.00	-63.26	RMS	

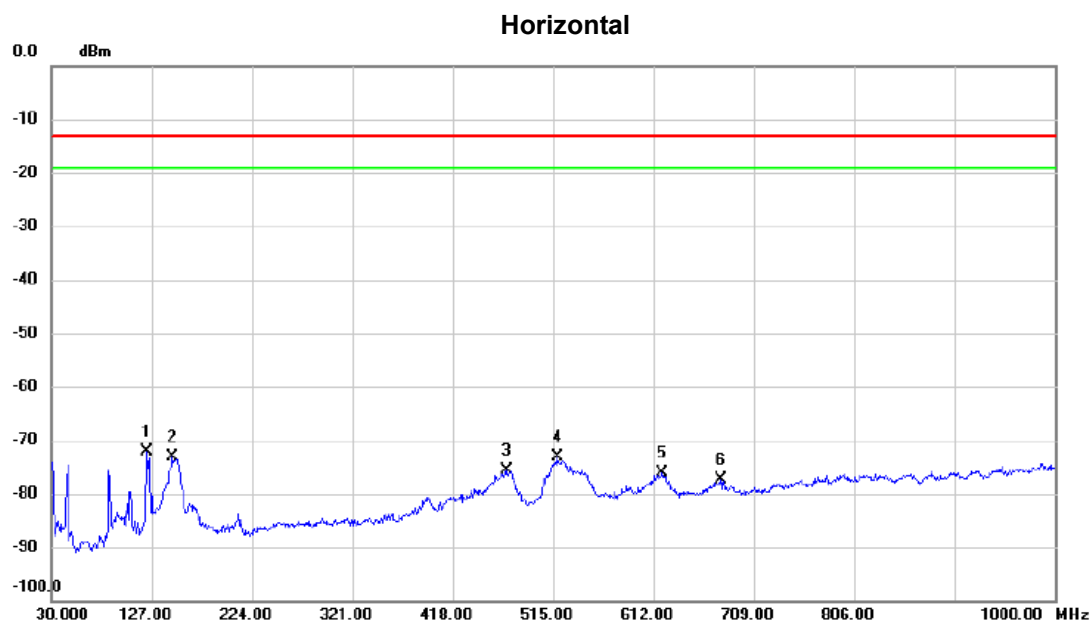
Test Mode: LTE Band 7_TX Mode_20M

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	45.0350	-61.36	-11.18	-72.54	-13.00	-59.54	RMS	
2		103.7200	-77.00	2.44	-74.56	-13.00	-61.56	RMS	
3		147.3700	-77.29	0.61	-76.68	-13.00	-63.68	RMS	
4		209.9350	-75.64	-3.53	-79.17	-13.00	-66.17	RMS	
5		359.8000	-81.39	-0.14	-81.53	-13.00	-68.53	RMS	
6		521.7900	-81.41	2.05	-79.36	-13.00	-66.36	RMS	

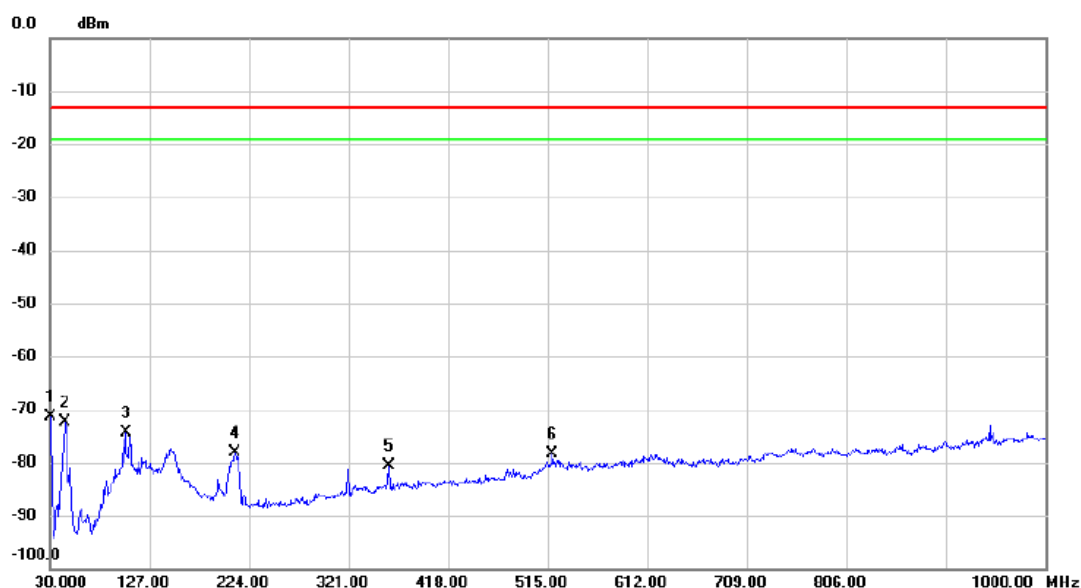
Test Mode: LTE Band 7_TX Mode_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	122.1500	-67.02	-5.08	-72.10	-13.00	-59.10	RMS	
2		147.3700	-70.05	-3.02	-73.07	-13.00	-60.07	RMS	
3		469.8950	-76.78	1.16	-75.62	-13.00	-62.62	RMS	
4		518.8800	-75.34	2.16	-73.18	-13.00	-60.18	RMS	
5		620.7300	-80.29	4.10	-76.19	-13.00	-63.19	RMS	
6		676.9900	-81.54	4.11	-77.43	-13.00	-64.43	RMS	

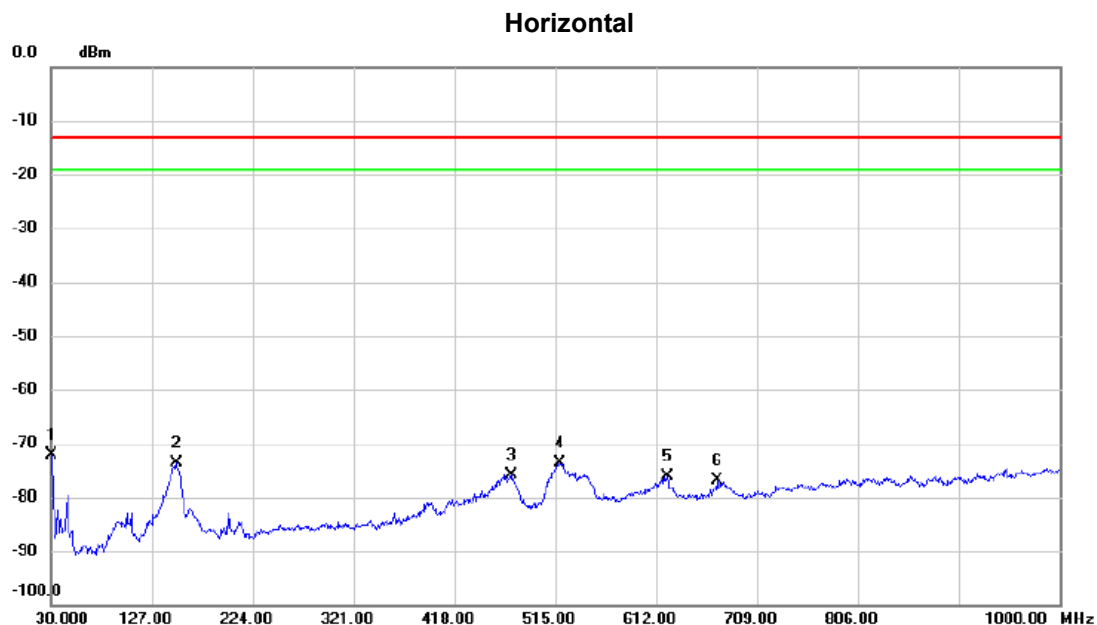
Test Mode: LTE Band 66_TX CH132322_20M

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	30.0000	-55.36	-15.97	-71.33	-13.00	-58.33	RMS	
2		45.0350	-61.23	-11.18	-72.41	-13.00	-59.41	RMS	
3		103.7200	-76.90	2.44	-74.46	-13.00	-61.46	RMS	
4		210.9050	-74.56	-3.53	-78.09	-13.00	-65.09	RMS	
5		359.8000	-80.49	-0.14	-80.63	-13.00	-67.63	RMS	
6		519.8500	-80.36	1.99	-78.37	-13.00	-65.37	RMS	

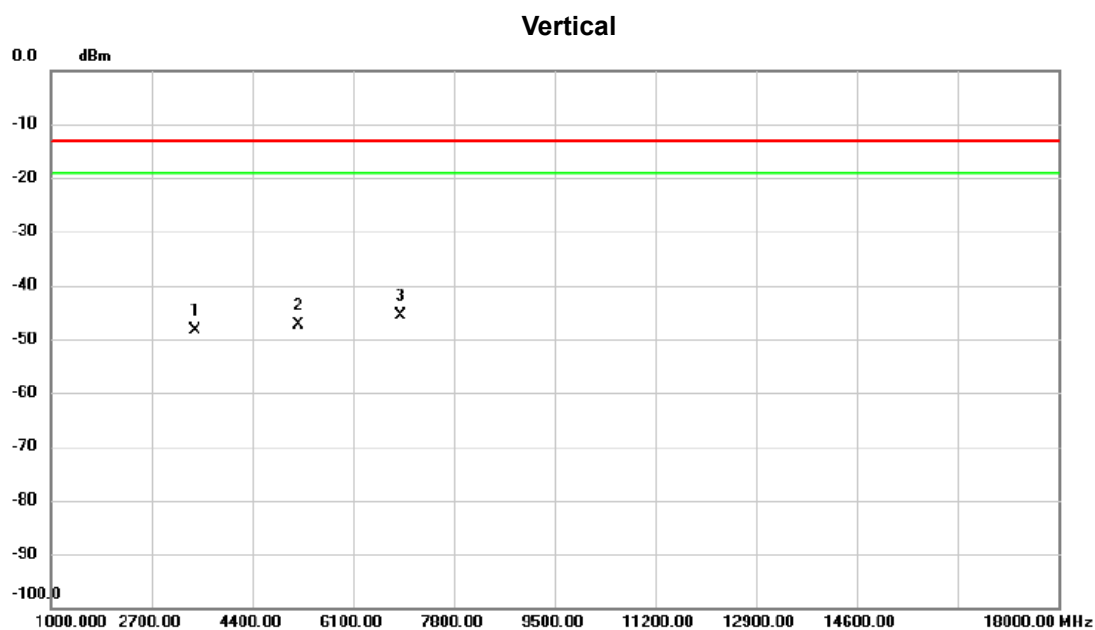
Test Mode: LTE Band 66_TX CH132322_20M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.0000	-68.80	-3.43	-72.23	-13.00	-59.23	RMS	
2		150.2800	-70.74	-2.82	-73.56	-13.00	-60.56	RMS	
3		472.3200	-77.08	1.20	-75.88	-13.00	-62.88	RMS	
4		519.8500	-75.69	2.19	-73.50	-13.00	-60.50	RMS	
5		622.6700	-80.19	4.10	-76.09	-13.00	-63.09	RMS	
6		670.2000	-81.05	4.11	-76.94	-13.00	-63.94	RMS	

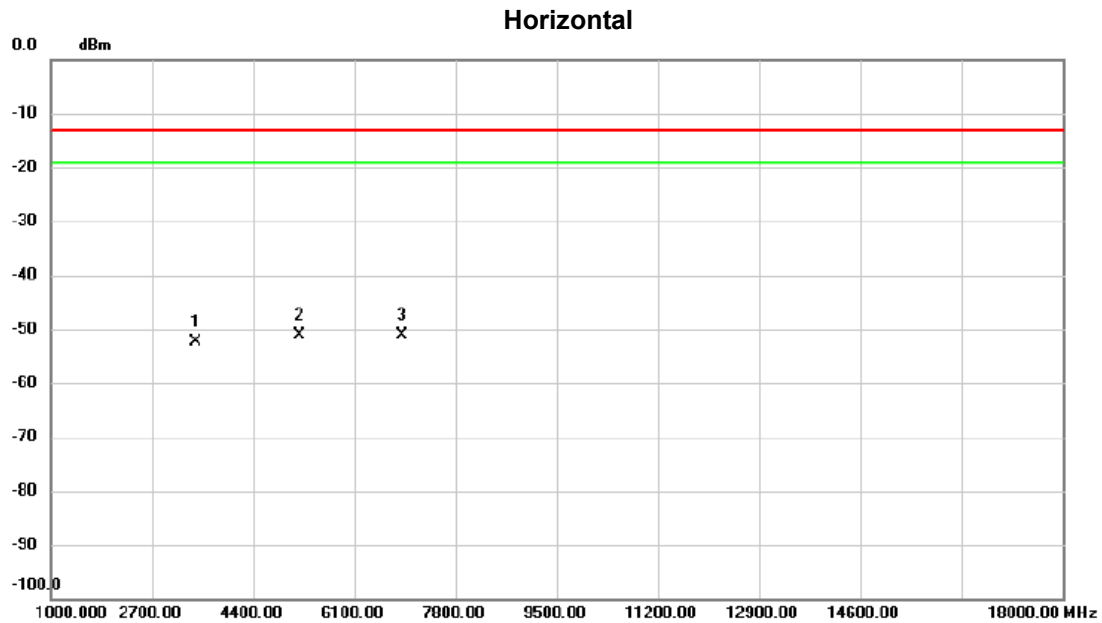
APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

Test Mode: LTE Band 4_TX CH20175_20M



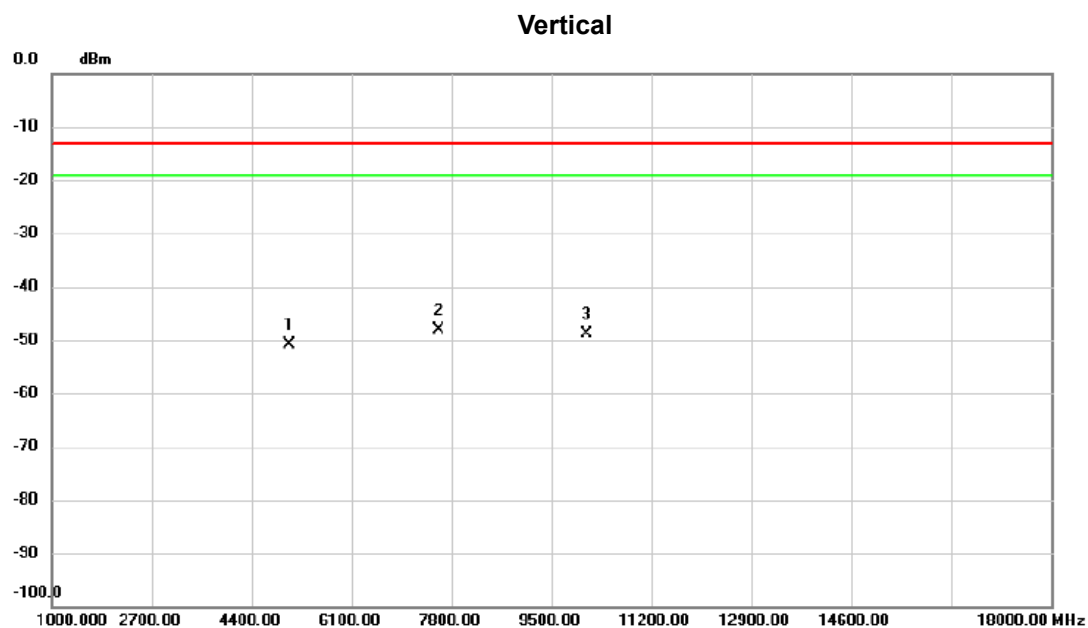
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3447.150	-47.63	-0.77	-48.40	-13.00	-35.40	RMS	
2		5170.950	-51.82	4.49	-47.33	-13.00	-34.33	RMS	
3	*	6894.750	-53.50	7.89	-45.61	-13.00	-32.61	RMS	

Test Mode:	LTE Band 4_TX CH20175_20M
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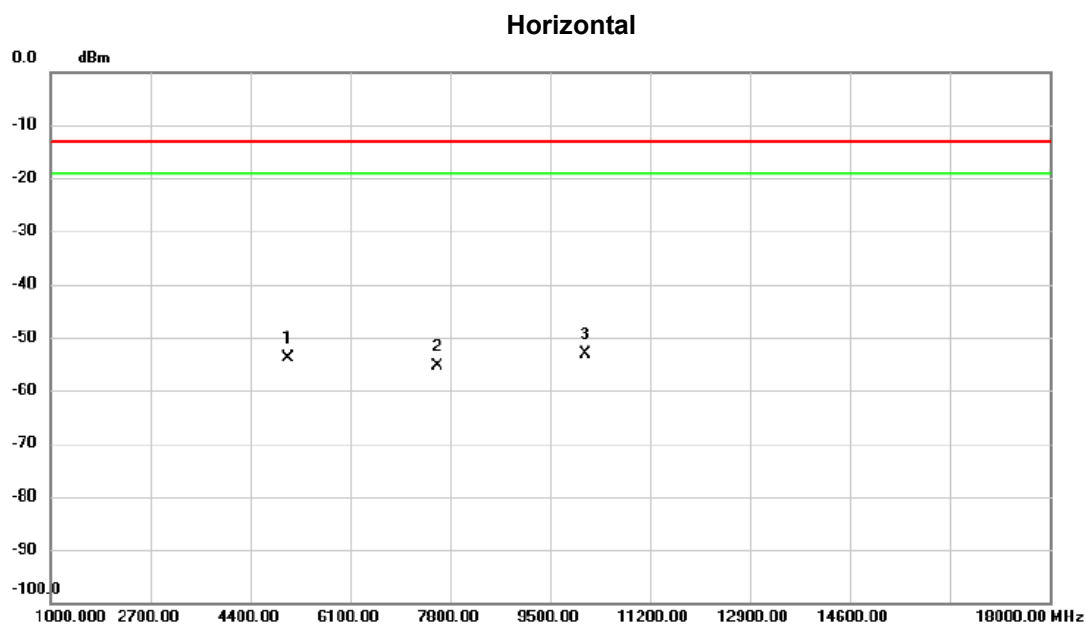
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3447.150	-51.23	-1.11	-52.34	-13.00	-39.34	RMS	
2	*	5170.950	-55.21	4.09	-51.12	-13.00	-38.12	RMS	
3		6893.900	-58.88	7.75	-51.13	-13.00	-38.13	RMS	

Test Mode: LTE Band 7_TX CH21100_20M



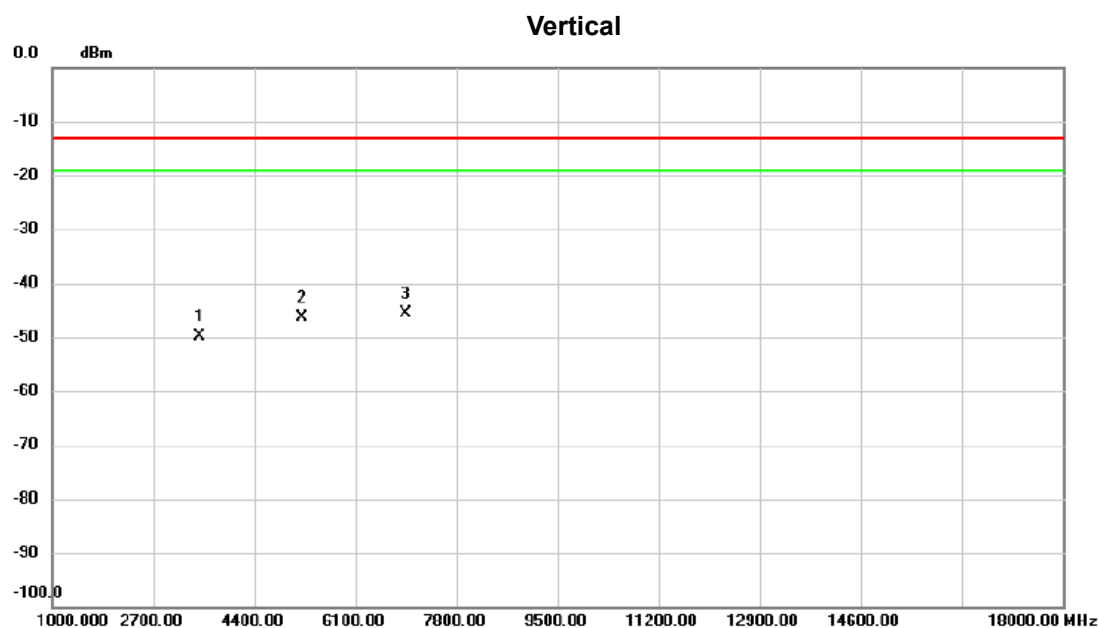
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		5051.950	-56.06	5.23	-50.83	-13.00	-37.83	RMS	
2	*	7578.150	-58.88	10.88	-48.00	-13.00	-35.00	RMS	
3		10104.35	-64.87	15.89	-48.98	-13.00	-35.98	RMS	

Test Mode: LTE Band 7_TX CH21100_20M



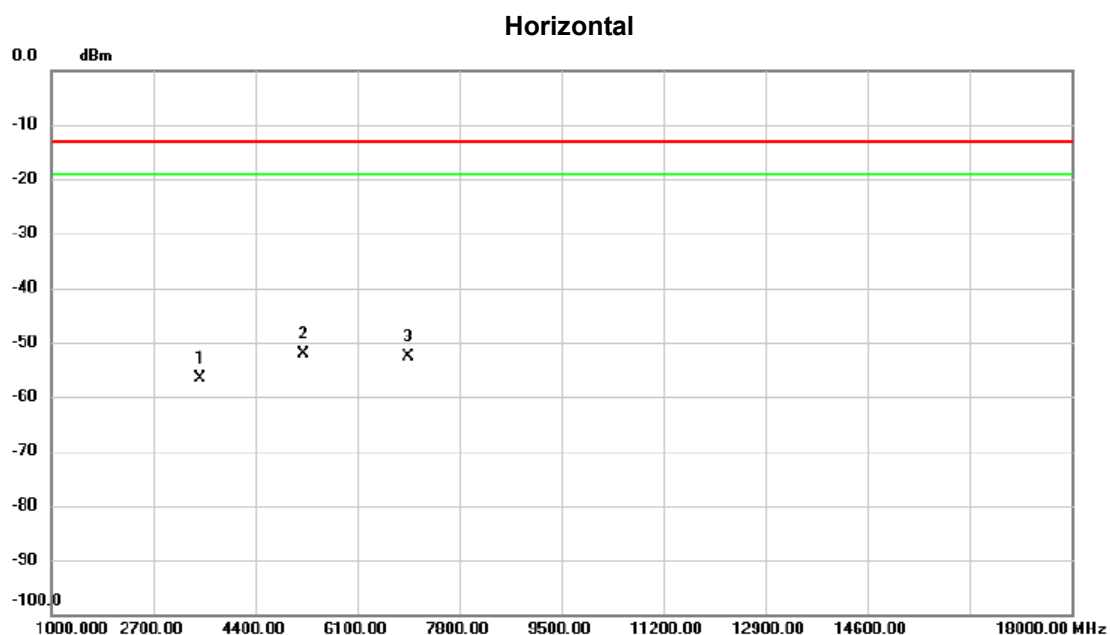
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5051.950	-58.54	4.59	-53.95	-13.00	-40.95	RMS	
2		7578.150	-65.65	10.39	-55.26	-13.00	-42.26	RMS	
3	*	10104.30	-69.16	16.03	-53.13	-13.00	-40.13	RMS	

Test Mode:	LTE Band 66_TX CH132322_20M
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No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		
1		3471.800	-49.32	-0.45	-49.77	-13.00	-36.77	RMS	
2		5208.350	-50.56	4.30	-46.26	-13.00	-33.26	RMS	
3	*	6944.050	-53.49	7.96	-45.53	-13.00	-32.53	RMS	

Test Mode: LTE Band 66_TX CH132322_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3471.800	-55.64	-0.88	-56.52	-13.00	-43.52	RMS	
2	*	5208.350	-55.97	3.96	-52.01	-13.00	-39.01	RMS	
3		6944.050	-60.60	7.89	-52.71	-13.00	-39.71	RMS	

APPENDIX G - BAND EDGE