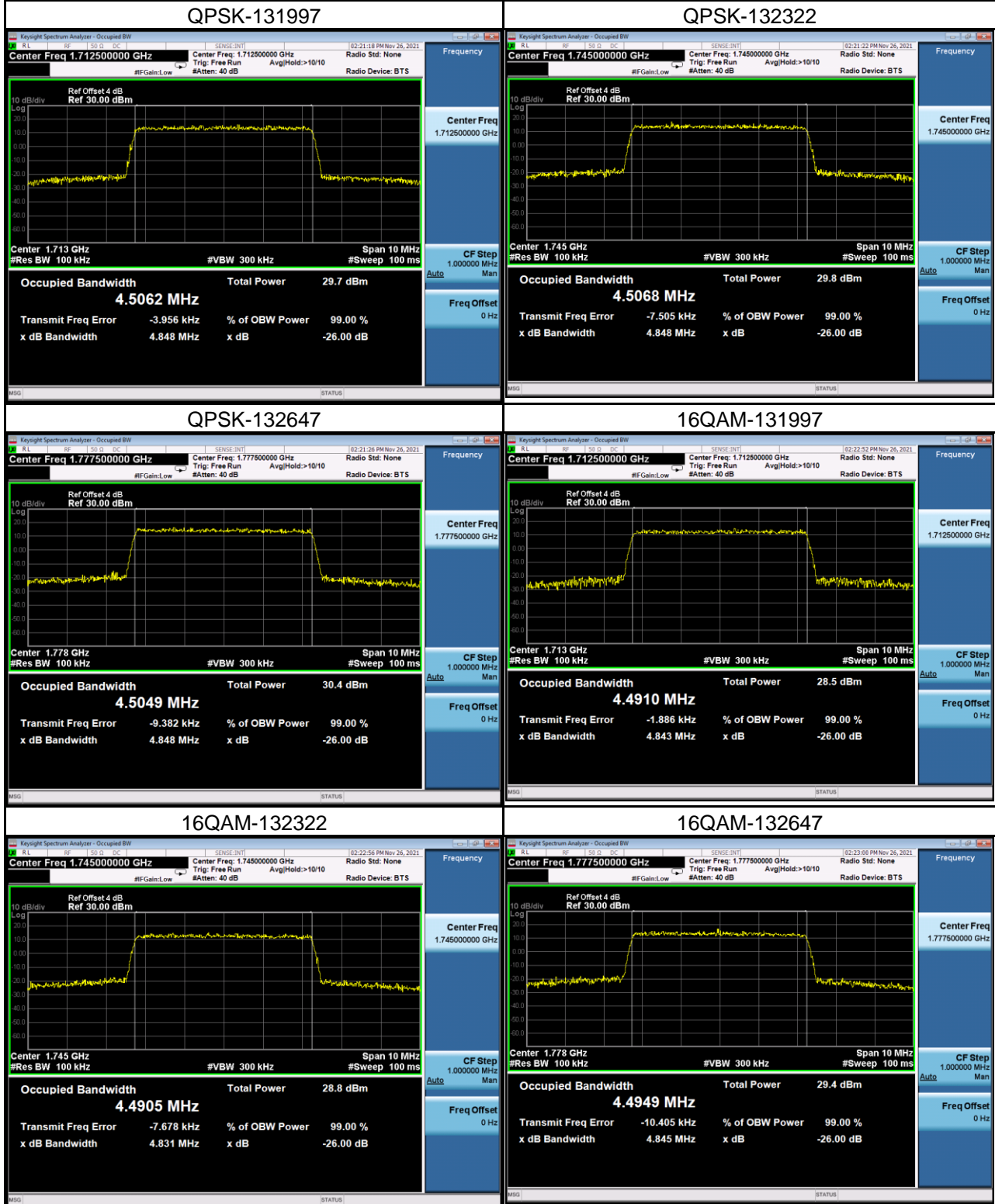
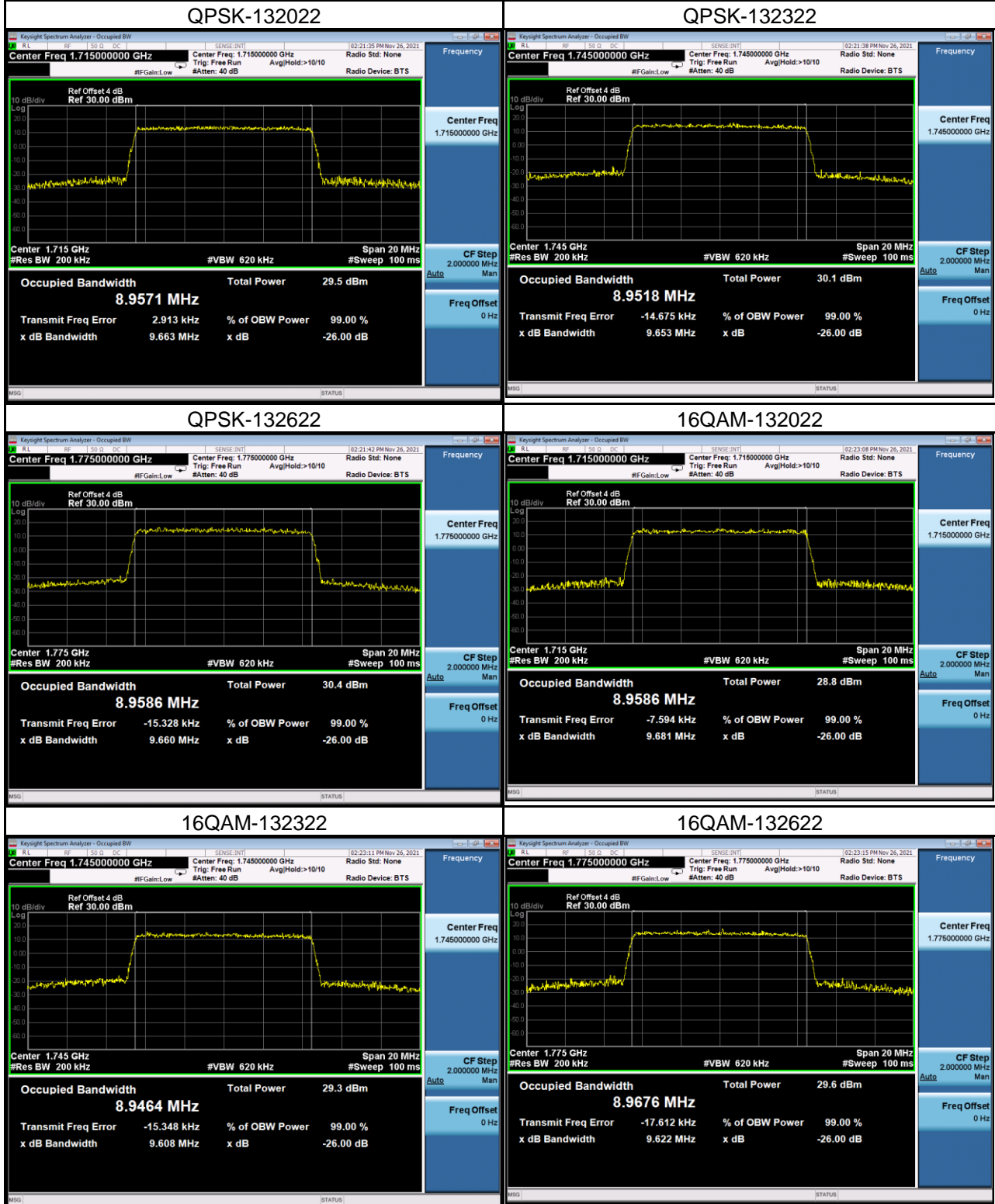


## Spectrum Plot



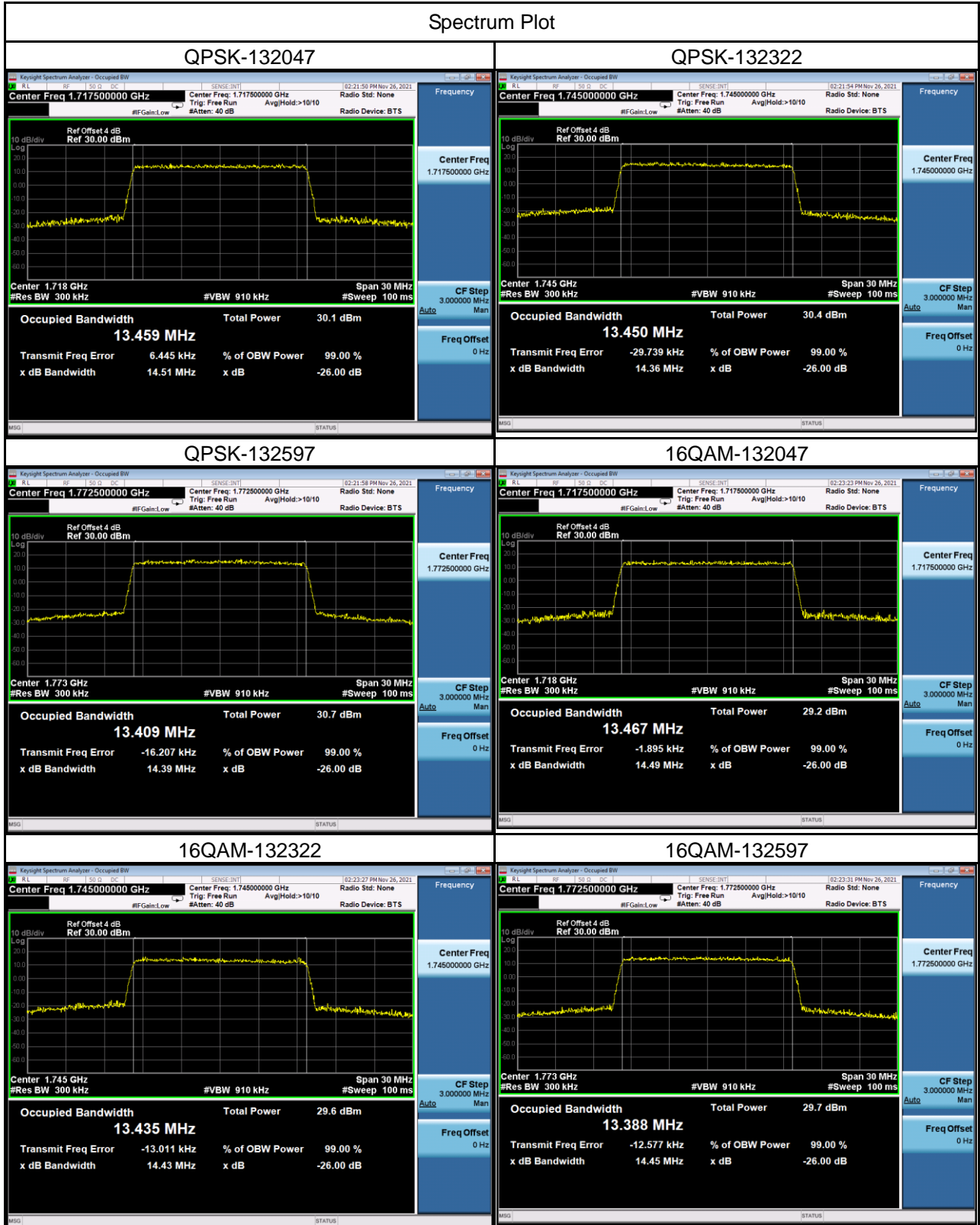
LTE Band 66_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132022	1715.0	8.9571	132022	1715.0	8.9586
132322	1745.0	8.9518	132322	1745.0	8.9464
132622	1775.0	8.9586	132622	1775.0	8.9676
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132022	1715.0	9.663	132022	1715.0	9.681
132322	1745.0	9.653	132322	1745.0	9.608
132622	1775.0	9.660	132622	1775.0	9.622

## Spectrum Plot



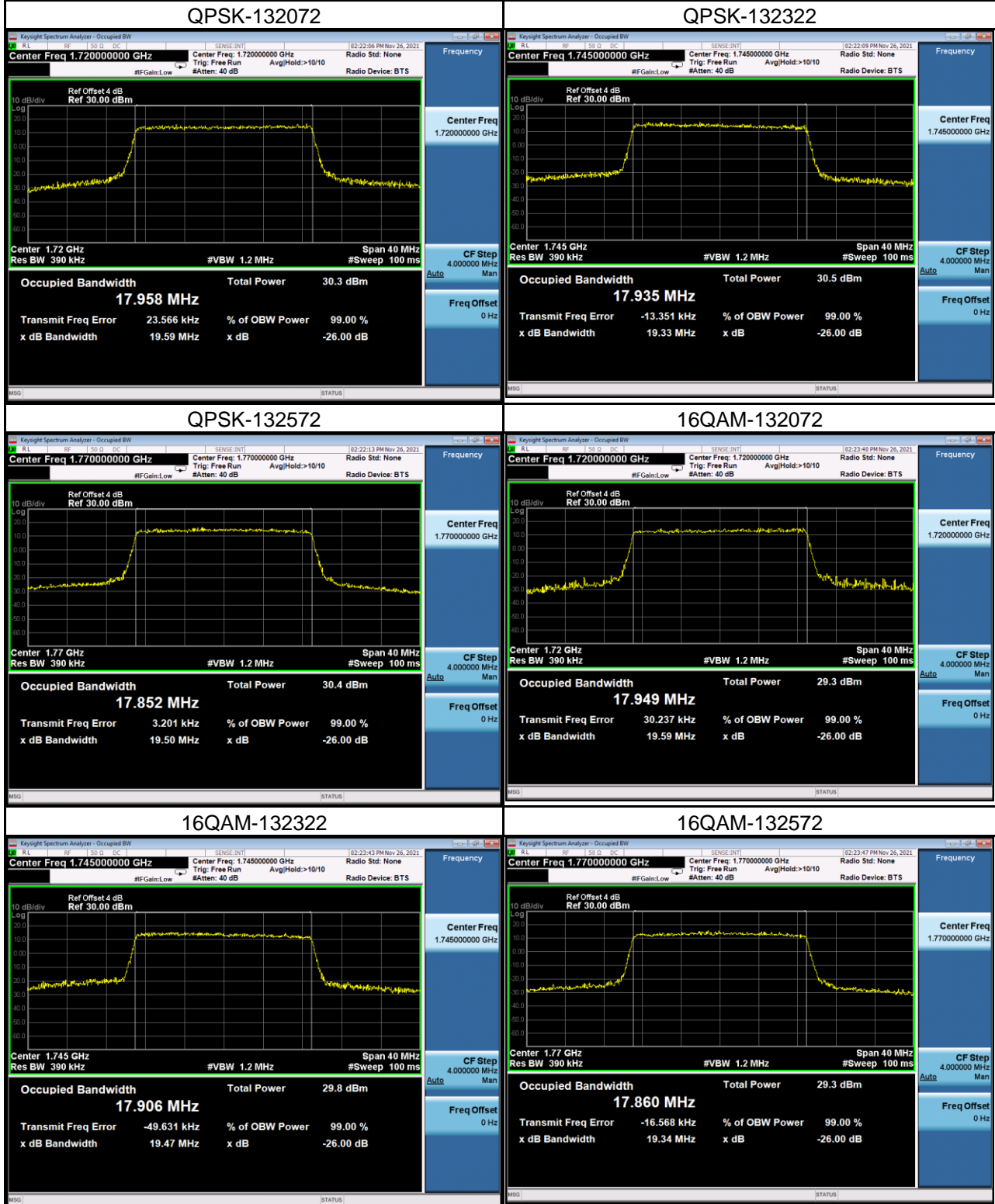
LTE Band 66_15M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132047	1717.5	13.4590	132047	1717.5	13.4670
132322	1745.0	13.4500	132322	1745.0	13.4350
132597	1772.5	13.4090	132597	1772.5	13.3880
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	14.510	132047	1717.5	14.490
132322	1745.0	14.360	132322	1745.0	14.430
132597	1772.5	14.390	132597	1772.5	14.450

## 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	17.9580	132072	1720.0	17.9490
132322	1745.0	17.9350	132322	1745.0	17.9060
132572	1770.0	17.8520	132572	1770.0	17.8600
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720.0	19.590	132072	1720.0	19.590
132322	1745.0	19.330	132322	1745.0	17.470
132572	1770.0	19.500	132572	1770.0	19.340

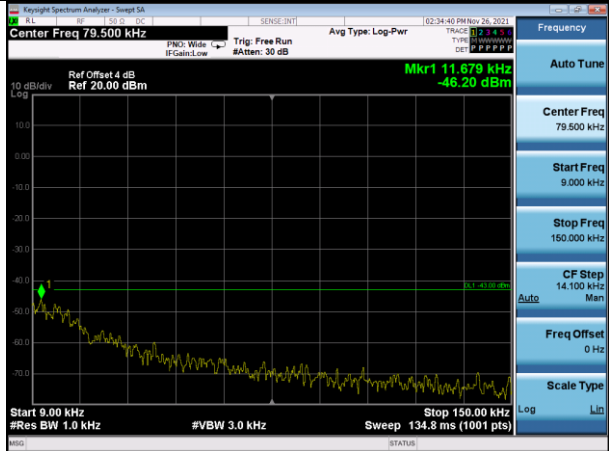
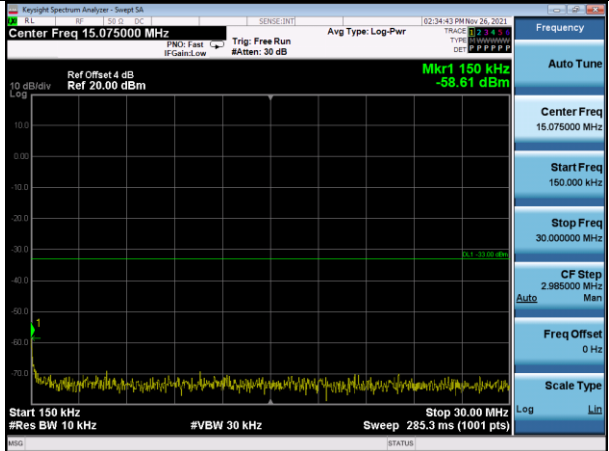
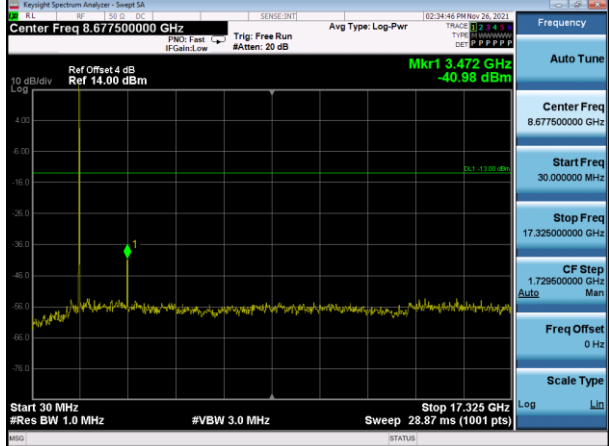
## Spectrum Plot



## APPENDIX C - CONDUCTED EMISSIONS



WCDMA Band IV_WCDMA			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
1413	1732.6	1413	1732.6
Channel	Frequency(MHz)	-	-
1413	1732.6	-	-

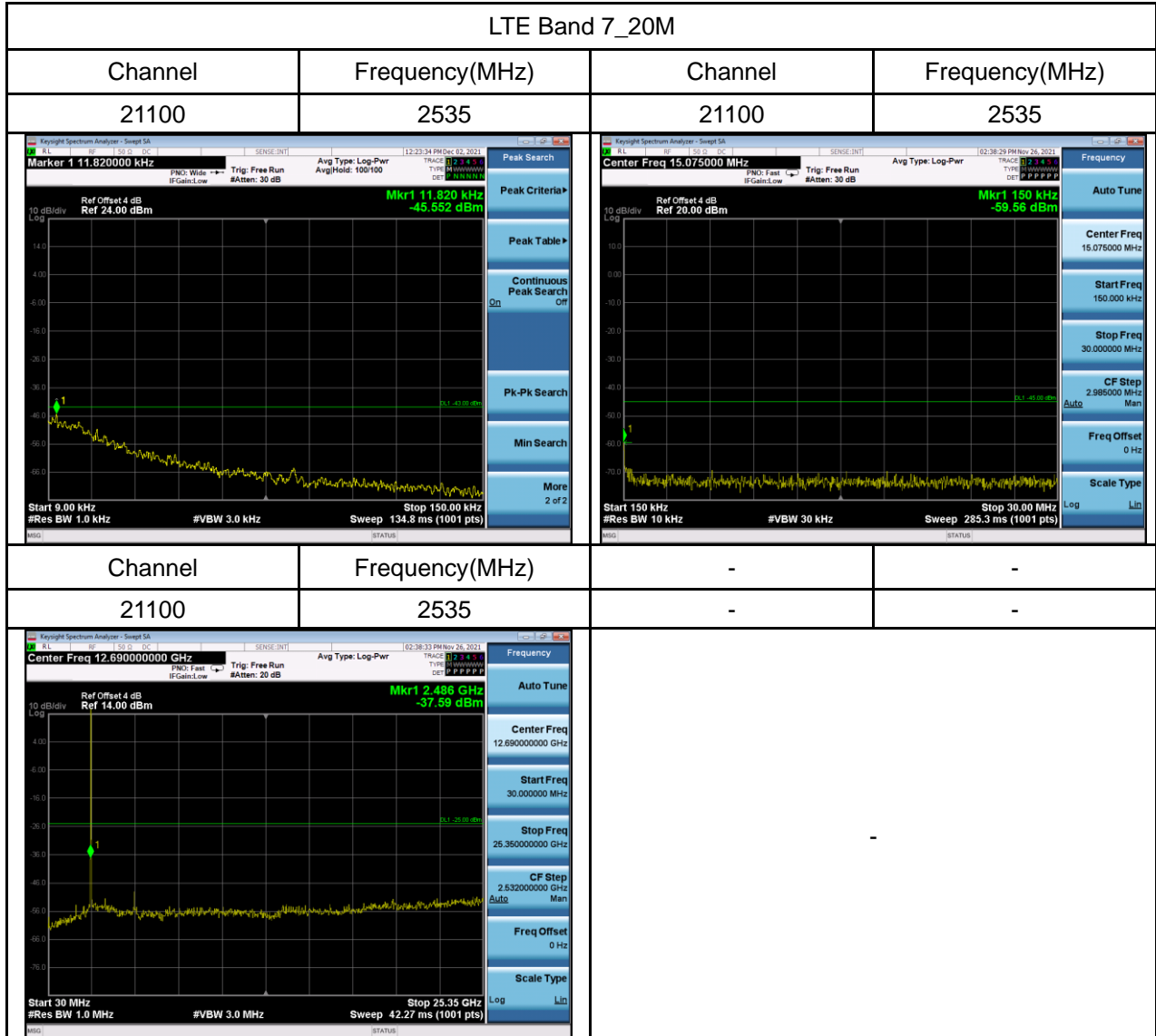
LTE Band 4_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20175	1732.5	20175	1732.5
			
Channel	Frequency(MHz)	-	-
20175	1732.5	-	-
			

LTE Band 4_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20175	1732.5	20175	1732.5
<p>Center Freq 79.500 kHz Mkr1 9.000 kHz -45.56 dBm</p>		<p>Center Freq 15.075000 MHz Mkr1 150 kHz -59.83 dBm</p>	
Channel	Frequency(MHz)	-	-
20175	1732.5	-	-
<p>Center Freq 8.677500000 GHz Mkr1 3.454 GHz -40.90 dBm</p>			

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 7_10M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
21100	2535	21100	2535
Channel	Frequency(MHz)	-	-
21100	2535	-	-



LTE Band 66_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745	132322	1745
Channel	Frequency(MHz)	-	-
132322	1745	-	-



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

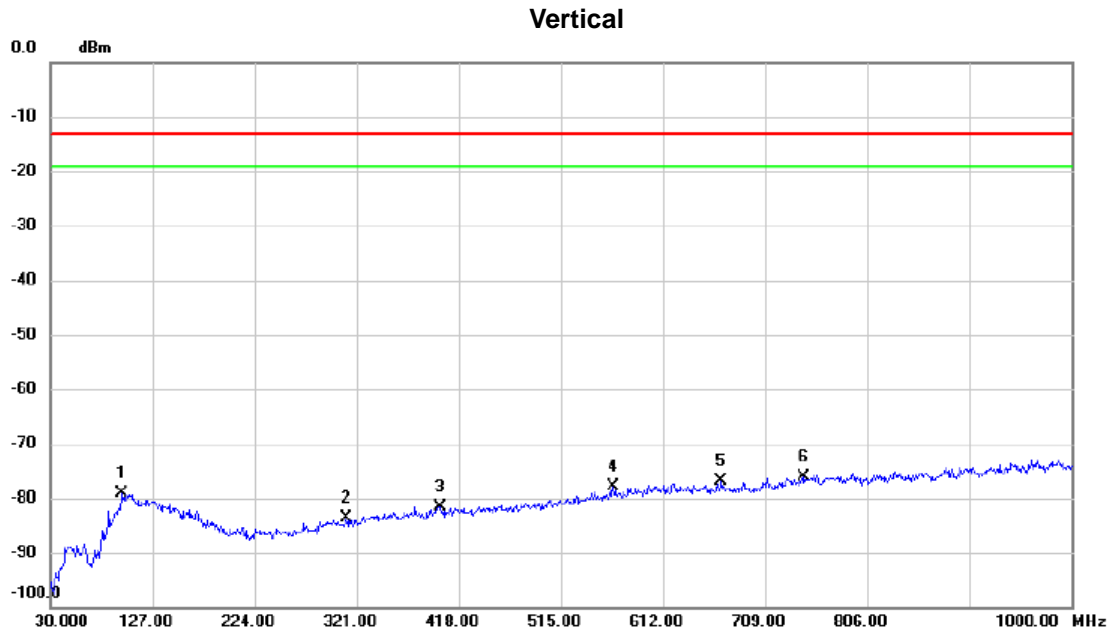
LTE Band 66_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
132322	1745	132322	1745
Channel	Frequency(MHz)	-	-
132322	1745	-	-
		-	

## **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)**

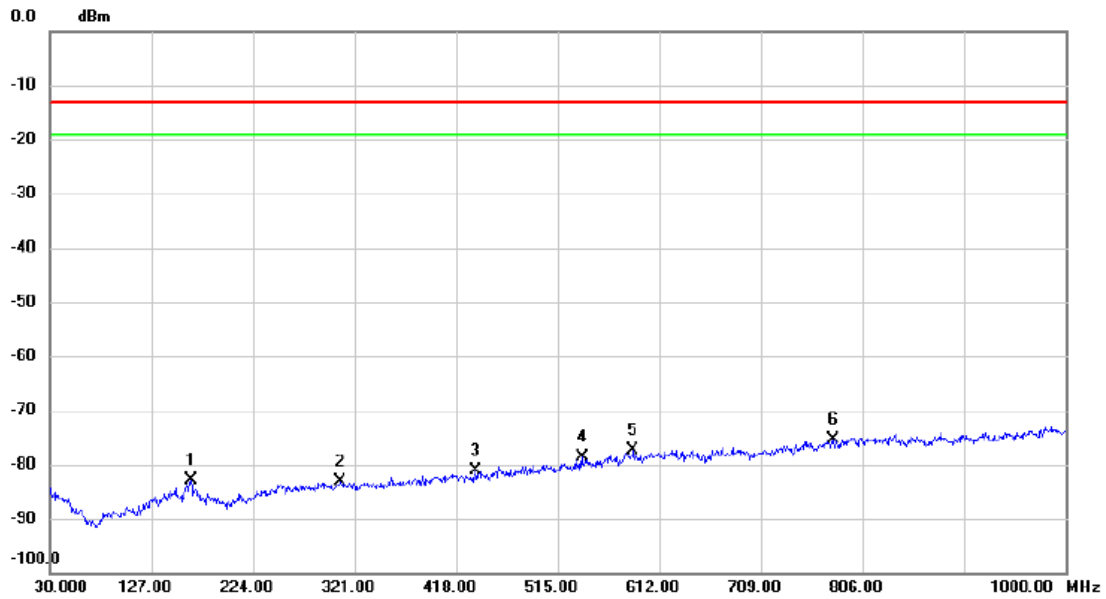
Test Mode: WCDMA Band IV\_TX Mode



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		97.9000	-80.77	1.74	-79.03	-13.00	-66.03	RMS	
2		311.7850	-82.52	-1.19	-83.71	-13.00	-70.71	RMS	
3		400.5400	-82.12	0.61	-81.51	-13.00	-68.51	RMS	
4		564.4700	-81.28	3.32	-77.96	-13.00	-64.96	RMS	
5		667.2900	-80.89	4.09	-76.80	-13.00	-63.80	RMS	
6	*	745.8600	-81.83	5.62	-76.21	-13.00	-63.21	RMS	

Test Mode: WCDMA Band IV\_TX Mode

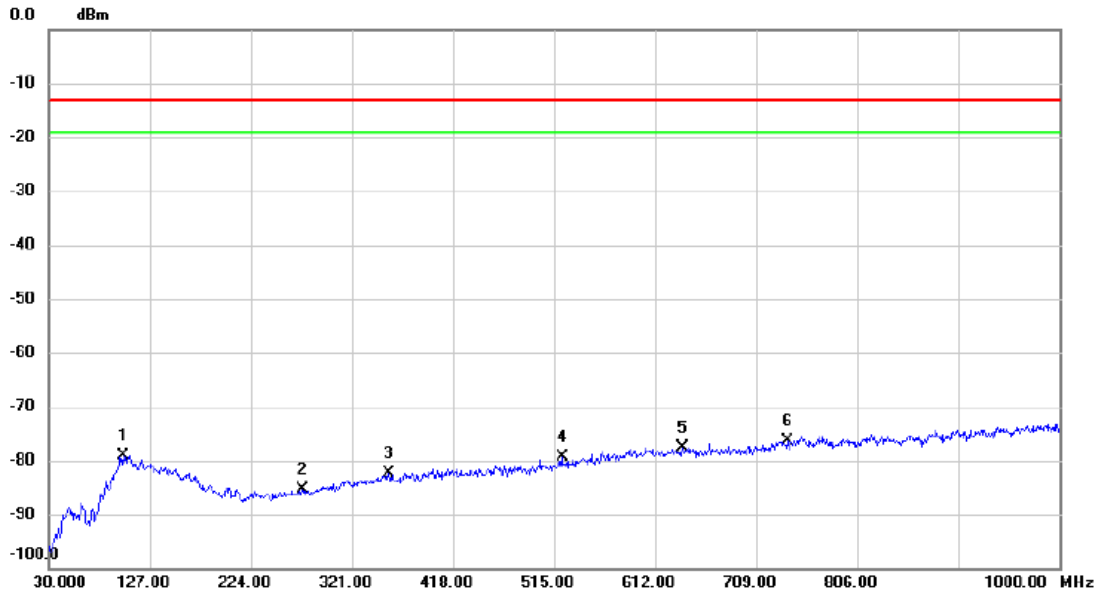
### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		164.8300	-79.65	-3.23	-82.88	-13.00	-69.88	RMS	
2		307.9050	-82.45	-0.67	-83.12	-13.00	-70.12	RMS	
3		436.9150	-81.88	0.75	-81.13	-13.00	-68.13	RMS	
4		538.7650	-81.38	2.74	-78.64	-13.00	-65.64	RMS	
5		587.2650	-81.24	3.84	-77.40	-13.00	-64.40	RMS	
6	*	778.3550	-81.34	6.04	-75.30	-13.00	-62.30	RMS	

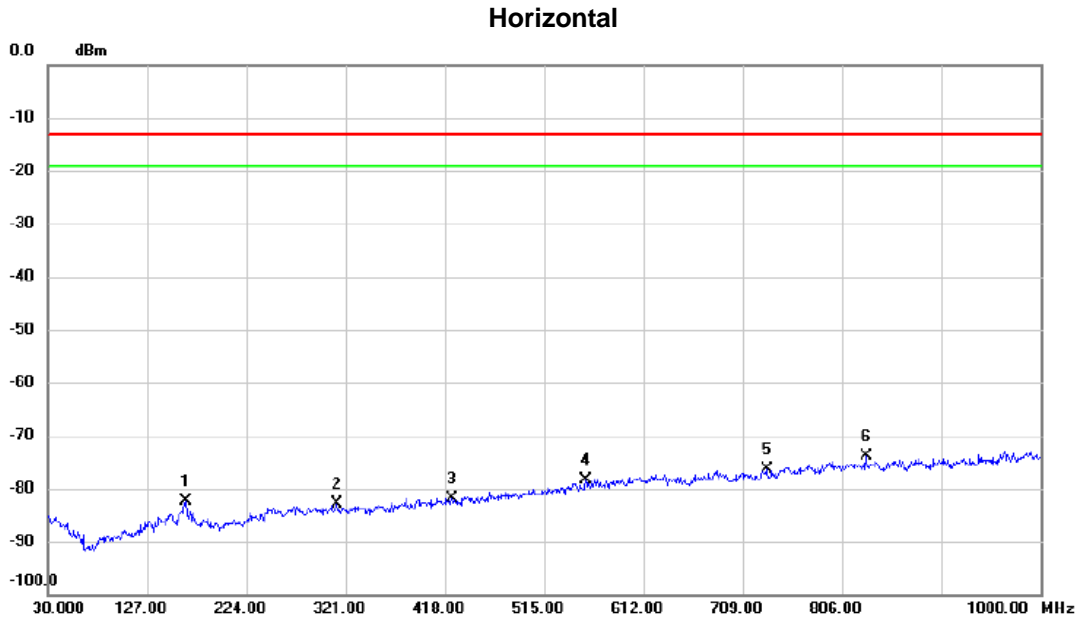
Test Mode: LTE Band 4\_TX Mode\_20M

### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		101.2950	-81.59	2.55	-79.04	-13.00	-66.04	RMS	
2		273.9550	-82.85	-2.40	-85.25	-13.00	-72.25	RMS	
3		355.9200	-82.09	-0.21	-82.30	-13.00	-69.30	RMS	
4		523.2450	-81.57	2.10	-79.47	-13.00	-66.47	RMS	
5		638.1900	-81.64	4.10	-77.54	-13.00	-64.54	RMS	
6	*	739.5550	-81.85	5.42	-76.43	-13.00	-63.43	RMS	

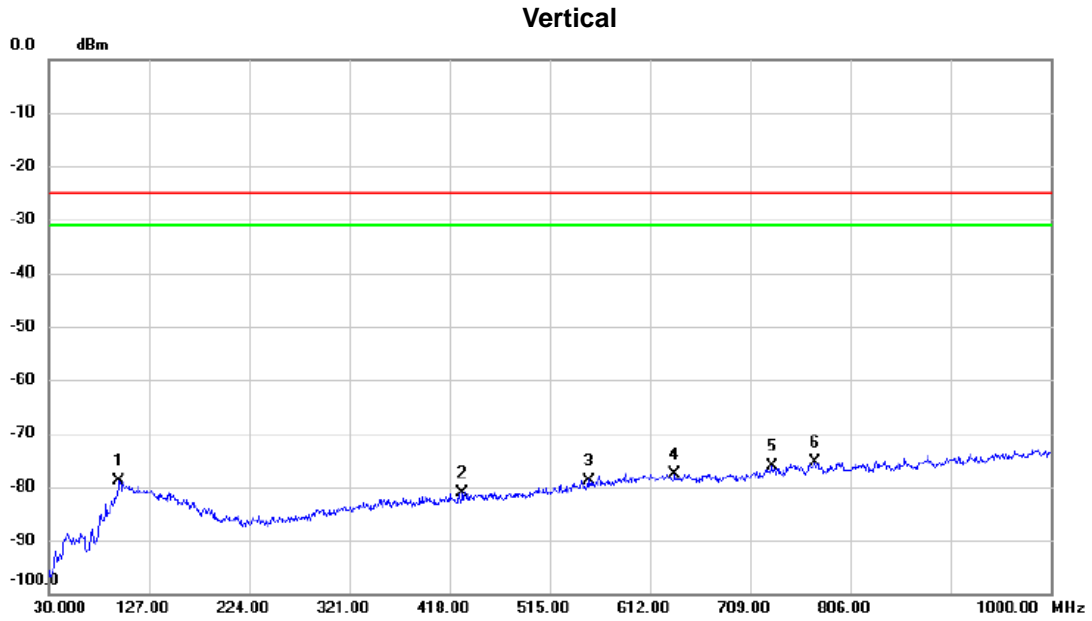
Test Mode: LTE Band 4\_TX Mode\_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		164.8300	-79.17	-3.23	-82.40	-13.00	-69.40	RMS	
2		312.2700	-82.15	-0.67	-82.82	-13.00	-69.82	RMS	
3		425.2750	-82.45	0.64	-81.81	-13.00	-68.81	RMS	
4		556.2250	-81.59	3.20	-78.39	-13.00	-65.39	RMS	
5		732.7650	-81.38	5.04	-76.34	-13.00	-63.34	RMS	
6	*	829.2800	-80.32	6.39	-73.93	-13.00	-60.93	RMS	

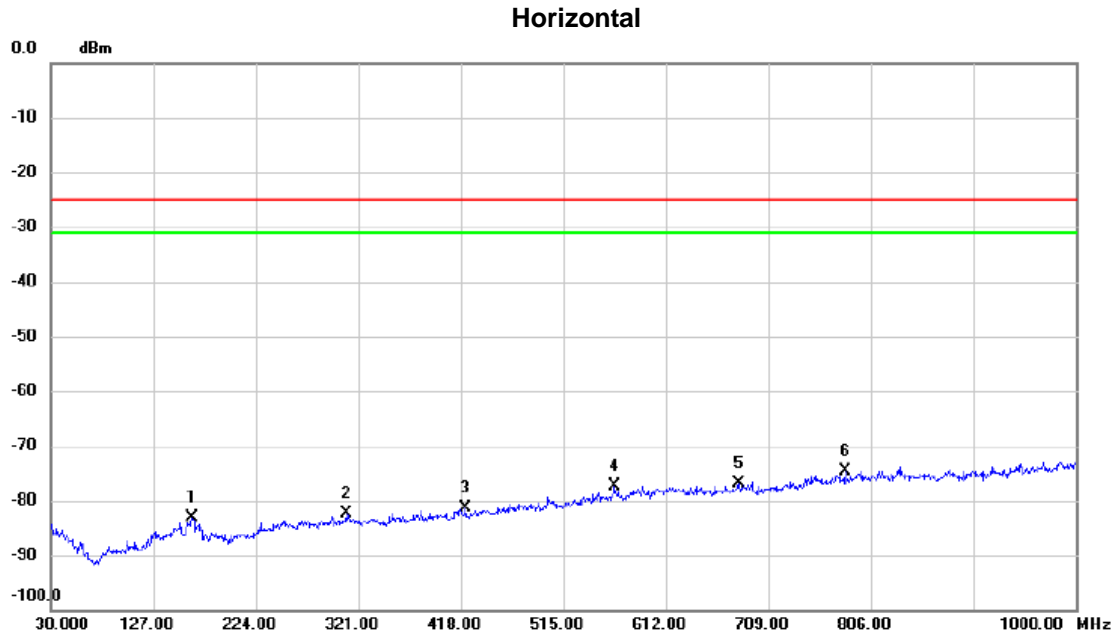


Test Mode: LTE Band 7\_TX Mode\_20M



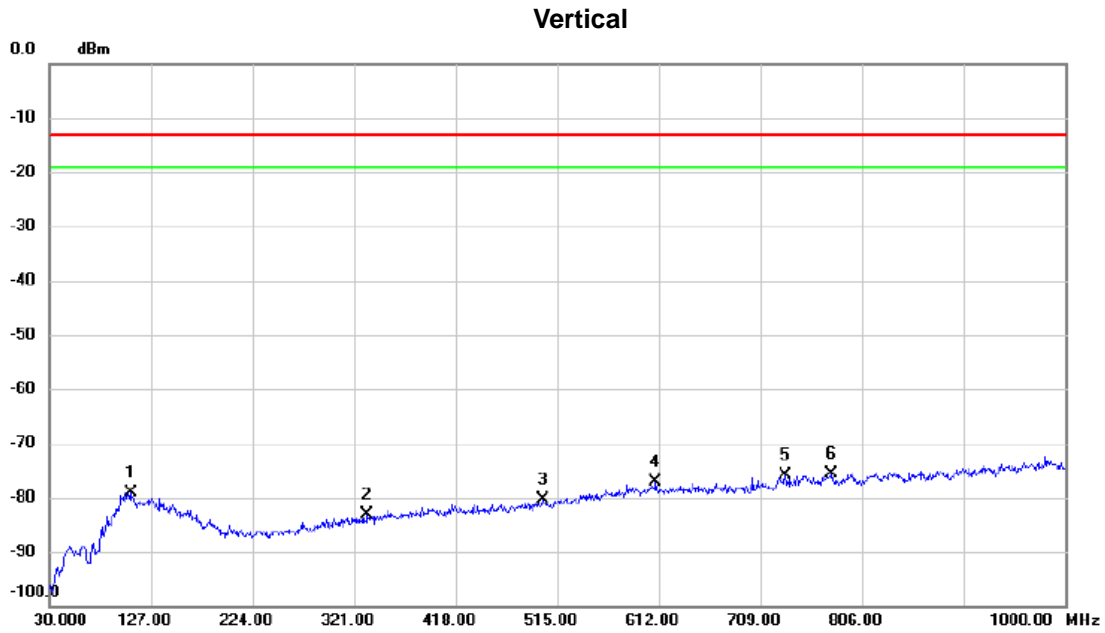
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	97.9000	-80.52	1.74	-78.78	-25.00	-53.78	RMS	
2	430.6100	-81.88	0.81	-81.07	-25.00	-56.07	RMS	
3	553.3150	-81.81	3.06	-78.75	-25.00	-53.75	RMS	
4	636.2500	-81.74	4.10	-77.64	-25.00	-52.64	RMS	
5	729.8550	-81.18	5.10	-76.08	-25.00	-51.08	RMS	
6 *	772.0500	-81.08	5.69	-75.39	-25.00	-50.39	RMS	

Test Mode: LTE Band 7\_TX Mode\_20M



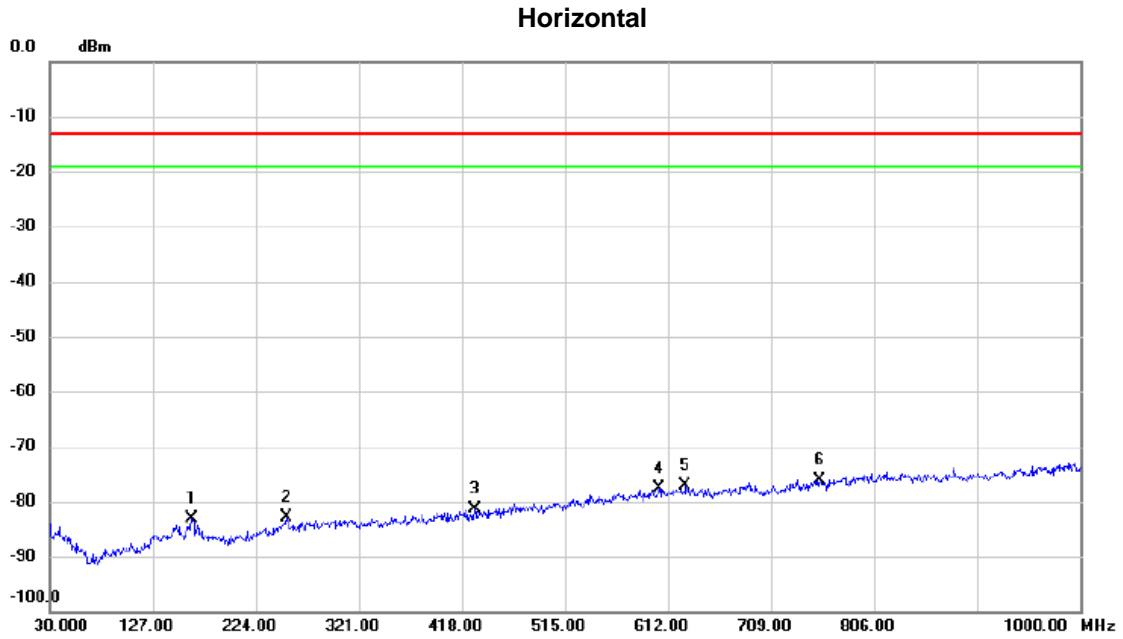
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	163.8600	-79.82	-3.20	-83.02	-25.00	-58.02	RMS	
2	309.3600	-81.80	-0.67	-82.47	-25.00	-57.47	RMS	
3	422.8500	-82.08	0.61	-81.47	-25.00	-56.47	RMS	
4	563.9850	-80.70	3.36	-77.34	-25.00	-52.34	RMS	
5	681.3550	-80.91	4.12	-76.79	-25.00	-51.79	RMS	
6 *	782.2350	-80.64	6.11	-74.53	-25.00	-49.53	RMS	

Test Mode: LTE Band 66\_ TX Mode \_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		108.0850	-81.27	2.26	-79.01	-13.00	-66.01	RMS	
2		333.6100	-82.45	-0.69	-83.14	-13.00	-70.14	RMS	
3		500.9350	-81.85	1.37	-80.48	-13.00	-67.48	RMS	
4		609.0900	-81.29	4.15	-77.14	-13.00	-64.14	RMS	
5		732.2800	-81.17	5.18	-75.99	-13.00	-62.99	RMS	
6	*	776.9000	-81.30	5.67	-75.63	-13.00	-62.63	RMS	

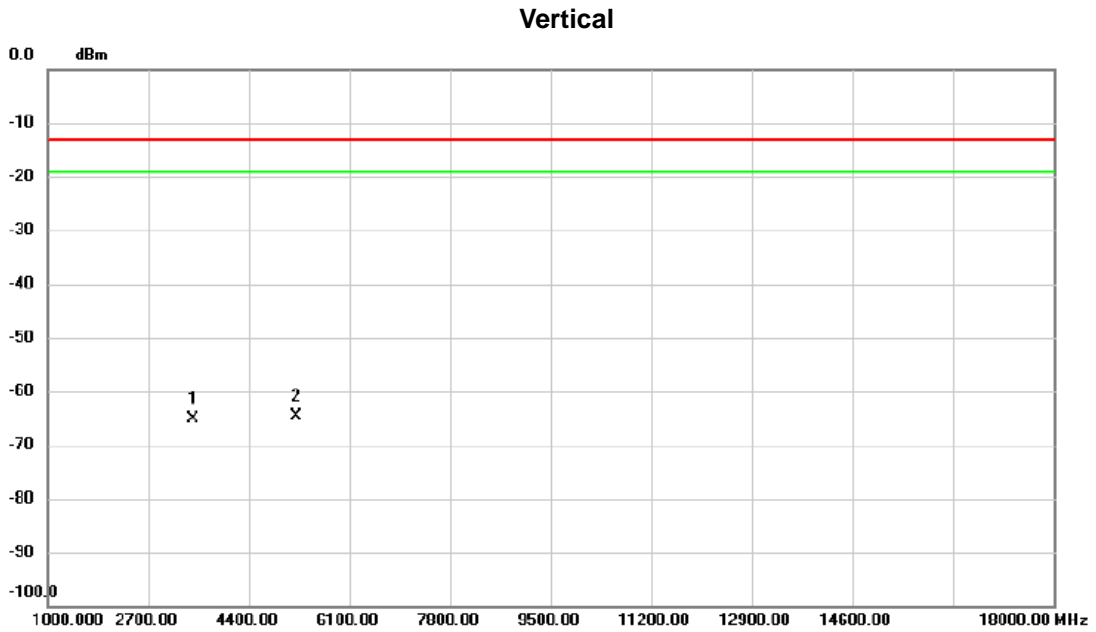
Test Mode: LTE Band 66\_ TX Mode \_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		163.8600	-79.96	-3.20	-83.16	-13.00	-70.16	RMS	
2		253.1000	-81.72	-1.21	-82.93	-13.00	-69.93	RMS	
3		429.6400	-82.06	0.68	-81.38	-13.00	-68.38	RMS	
4		603.2700	-81.61	4.10	-77.51	-13.00	-64.51	RMS	
5		628.4900	-81.30	4.09	-77.21	-13.00	-64.21	RMS	
6	*	755.0750	-81.83	5.61	-76.22	-13.00	-63.22	RMS	

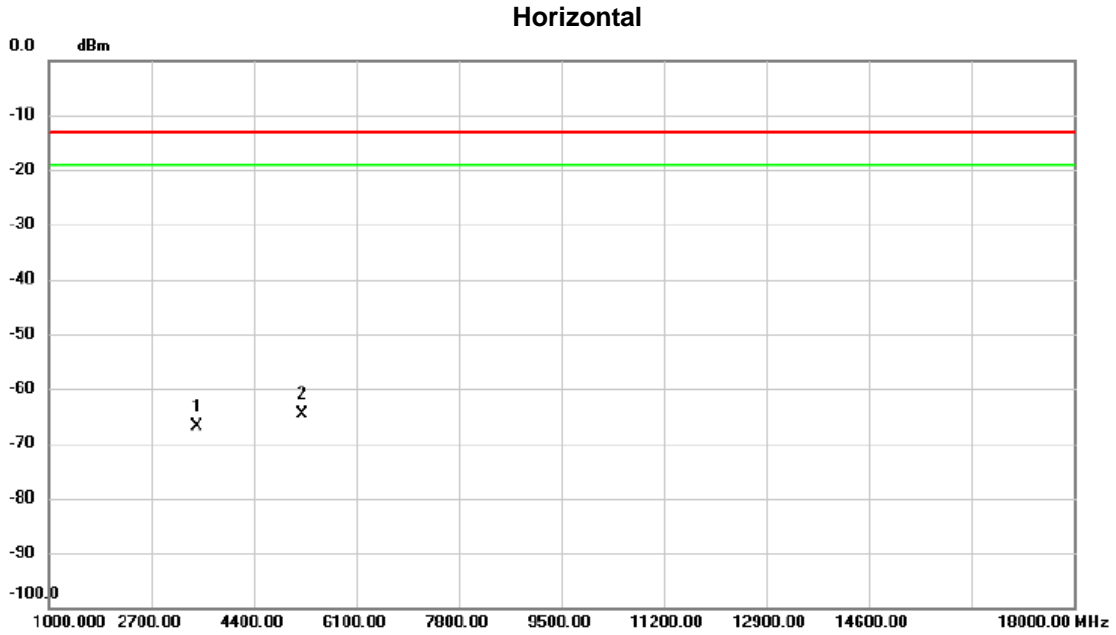
## **APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)**

Test Mode: WCDMA Band IV\_TX Mode



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3465.200	-58.97	-6.03	-65.00	-13.00	-52.00	RMS	
2	*	5197.800	-62.68	-1.94	-64.62	-13.00	-51.62	RMS	

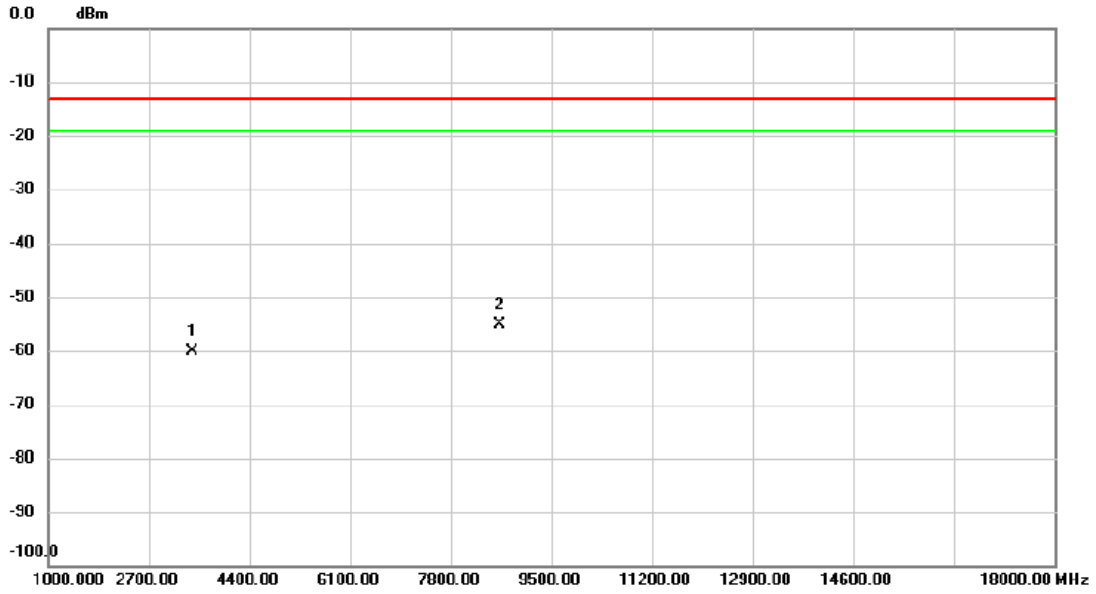
Test Mode: WCDMA Band IV\_TX Mode



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3465.200	-60.81	-5.97	-66.78	-13.00	-53.78	RMS	
2	*	5197.800	-62.47	-2.09	-64.56	-13.00	-51.56	RMS	

Test Mode: LTE Band 4\_TX Mode \_20M

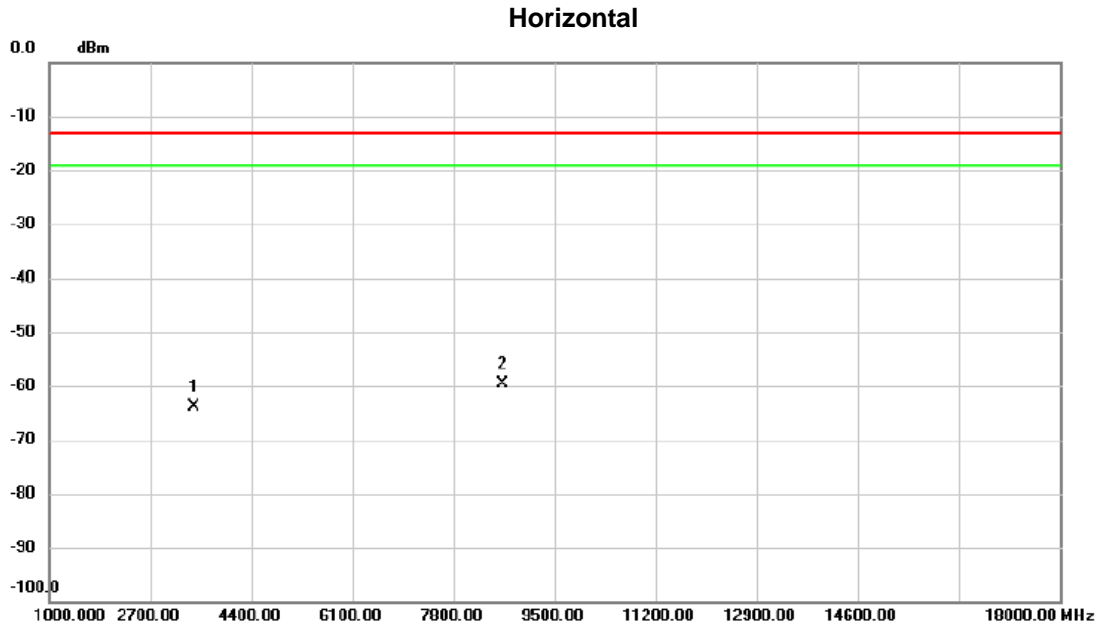
### Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3447.150	-53.89	-6.14	-60.03	-13.00	-47.03	RMS	
2	*	8617.700	-57.72	2.57	-55.15	-13.00	-42.15	RMS	

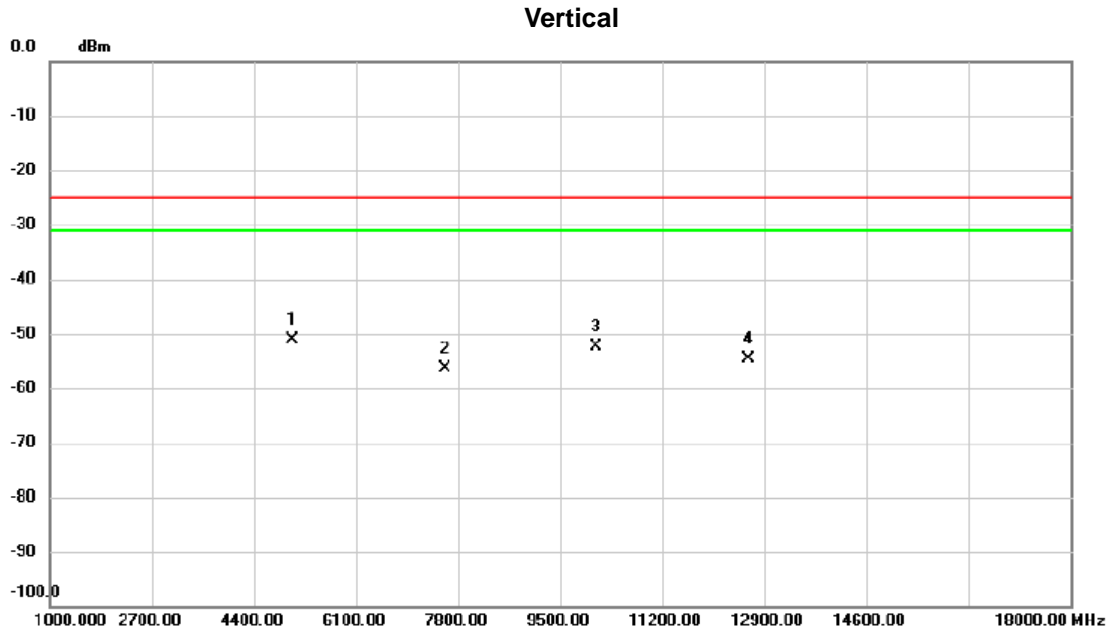


Test Mode: LTE Band 4\_TX Mode \_20M



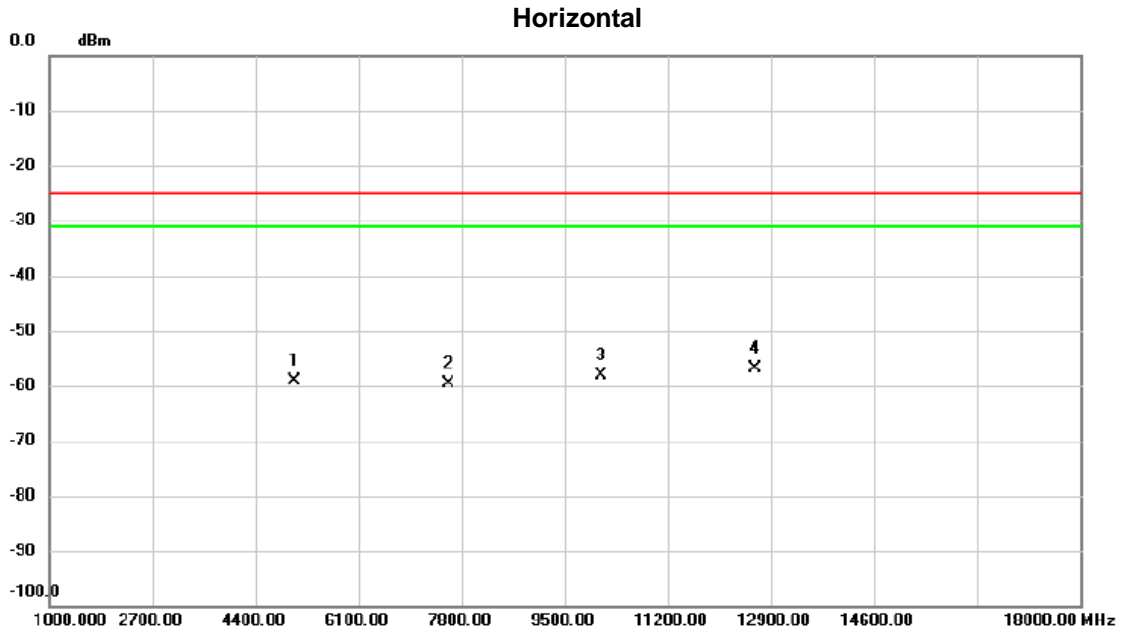
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3447.150	-57.89	-6.08	-63.97	-13.00	-50.97	RMS	
2	*	8617.500	-61.90	2.25	-59.65	-13.00	-46.65	RMS	

Test Mode: LTE Band 7\_TX Mode \_20M



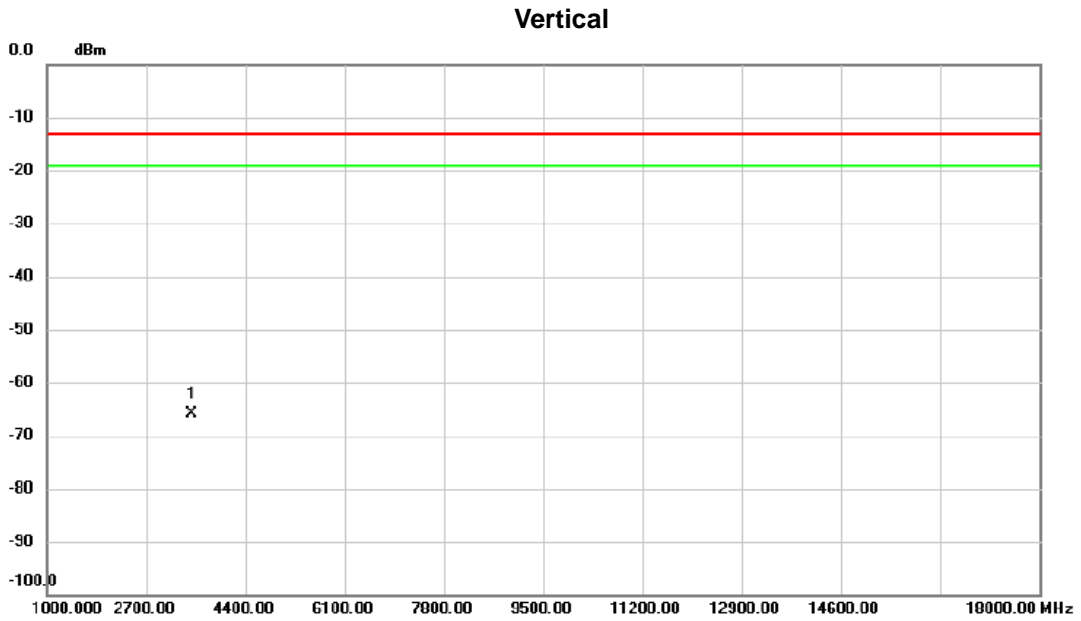
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5051.950	-48.77	-2.33	-51.10	-25.00	-26.10	RMS	
2		7578.150	-58.63	2.22	-56.41	-25.00	-31.41	RMS	
3		10104.35	-57.35	4.98	-52.37	-25.00	-27.37	RMS	
4		12630.55	-64.28	9.61	-54.67	-25.00	-29.67	RMS	

Test Mode: LTE Band 7\_TX Mode \_20M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		5051.950	-56.64	-2.50	-59.14	-25.00	-34.14	RMS	
2		7578.000	-61.96	2.32	-59.64	-25.00	-34.64	RMS	
3		10104.00	-63.23	5.02	-58.21	-25.00	-33.21	RMS	
4	*	12630.00	-66.23	9.24	-56.99	-25.00	-31.99	RMS	

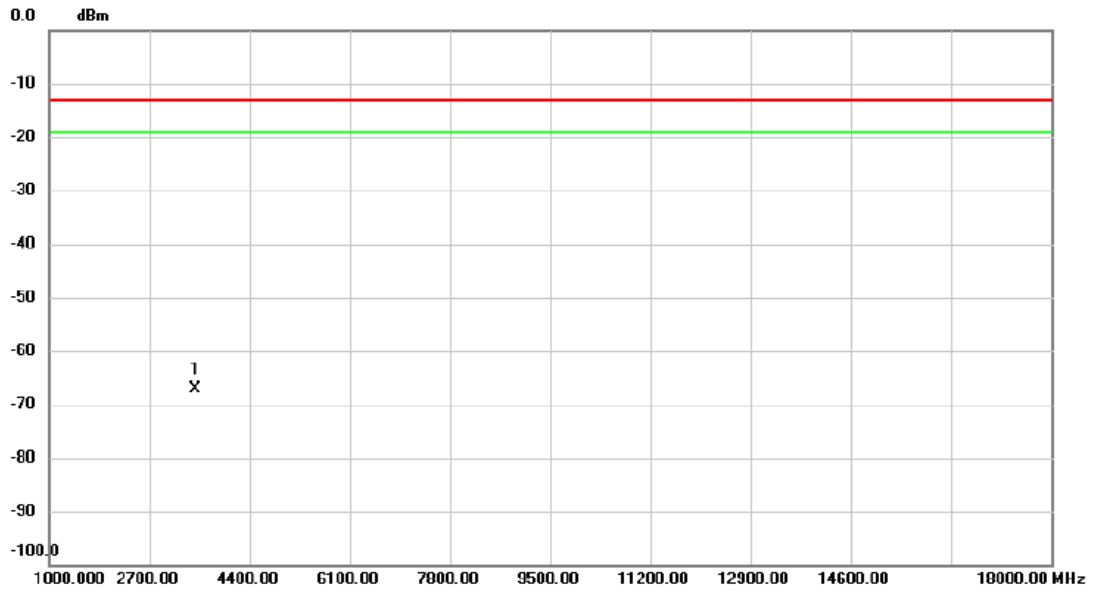
Test Mode: LTE Band 66\_TX Mode \_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3472.000	-59.90	-5.99	-65.89	-13.00	-52.89	RMS	

Test Mode: LTE Band 66\_TX Mode \_20M

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3472.000	-61.19	-5.92	-67.11	-13.00	-54.11	RMS	

## APPENDIX G - BAND EDGE

