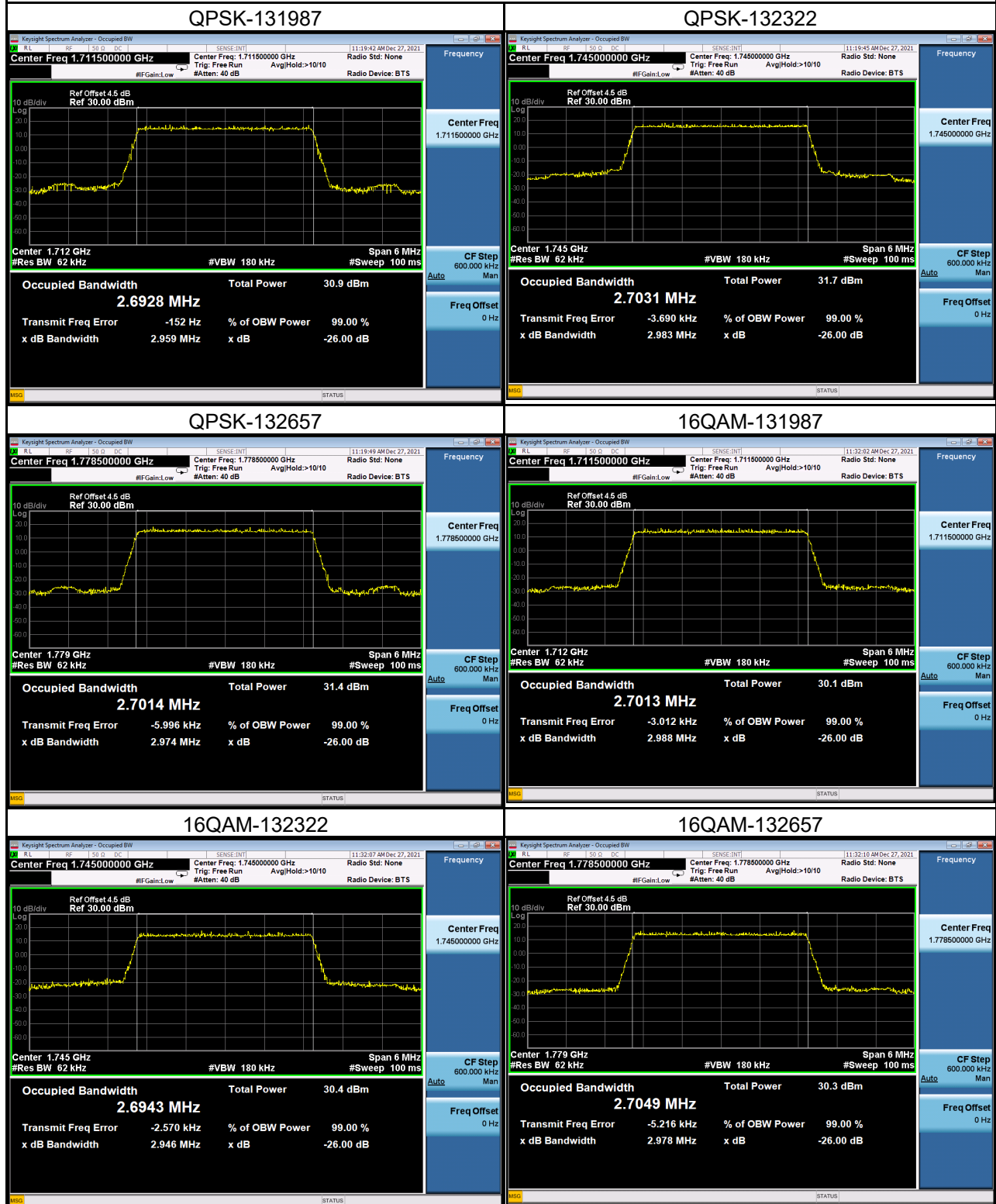
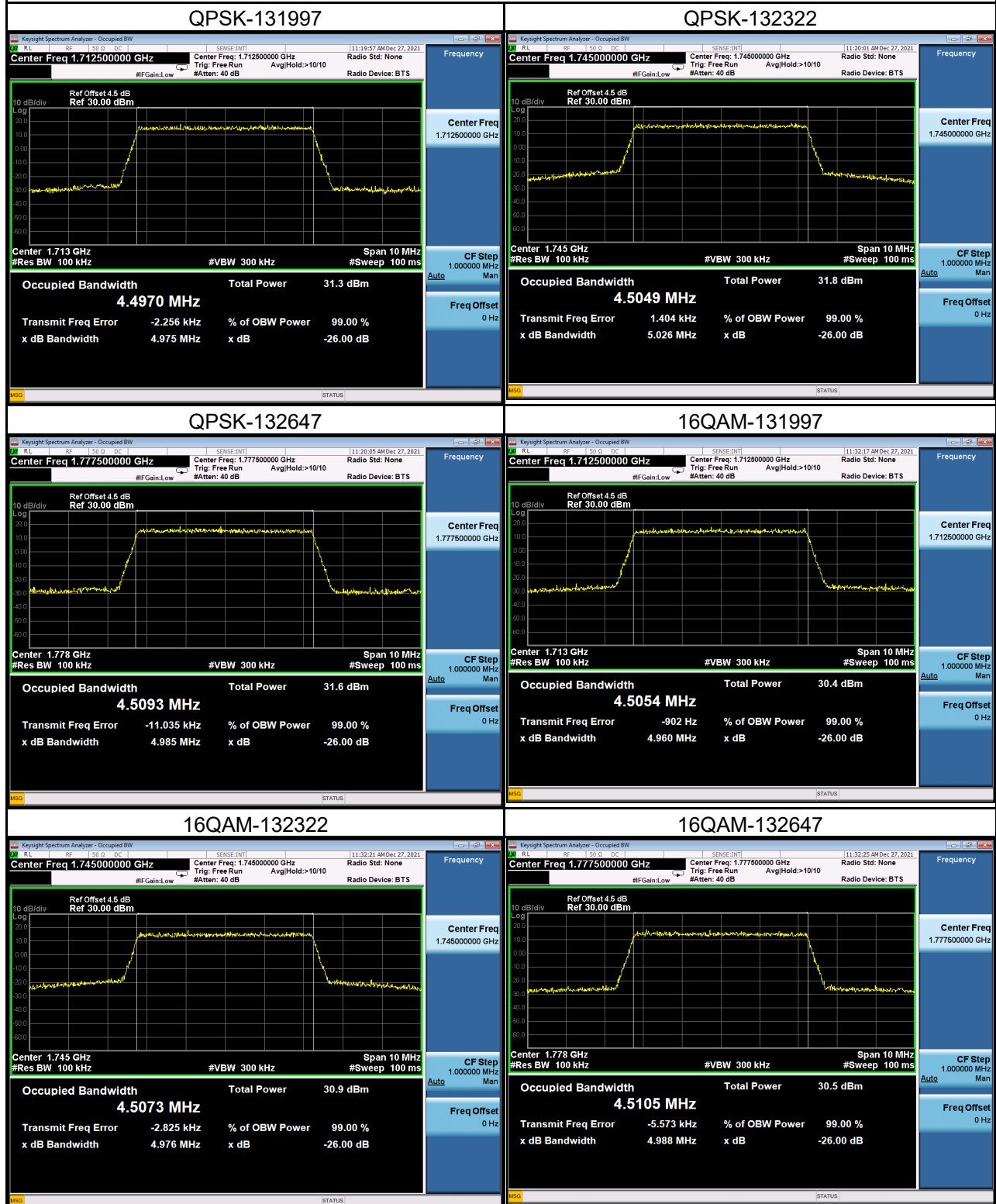


Spectrum Plot



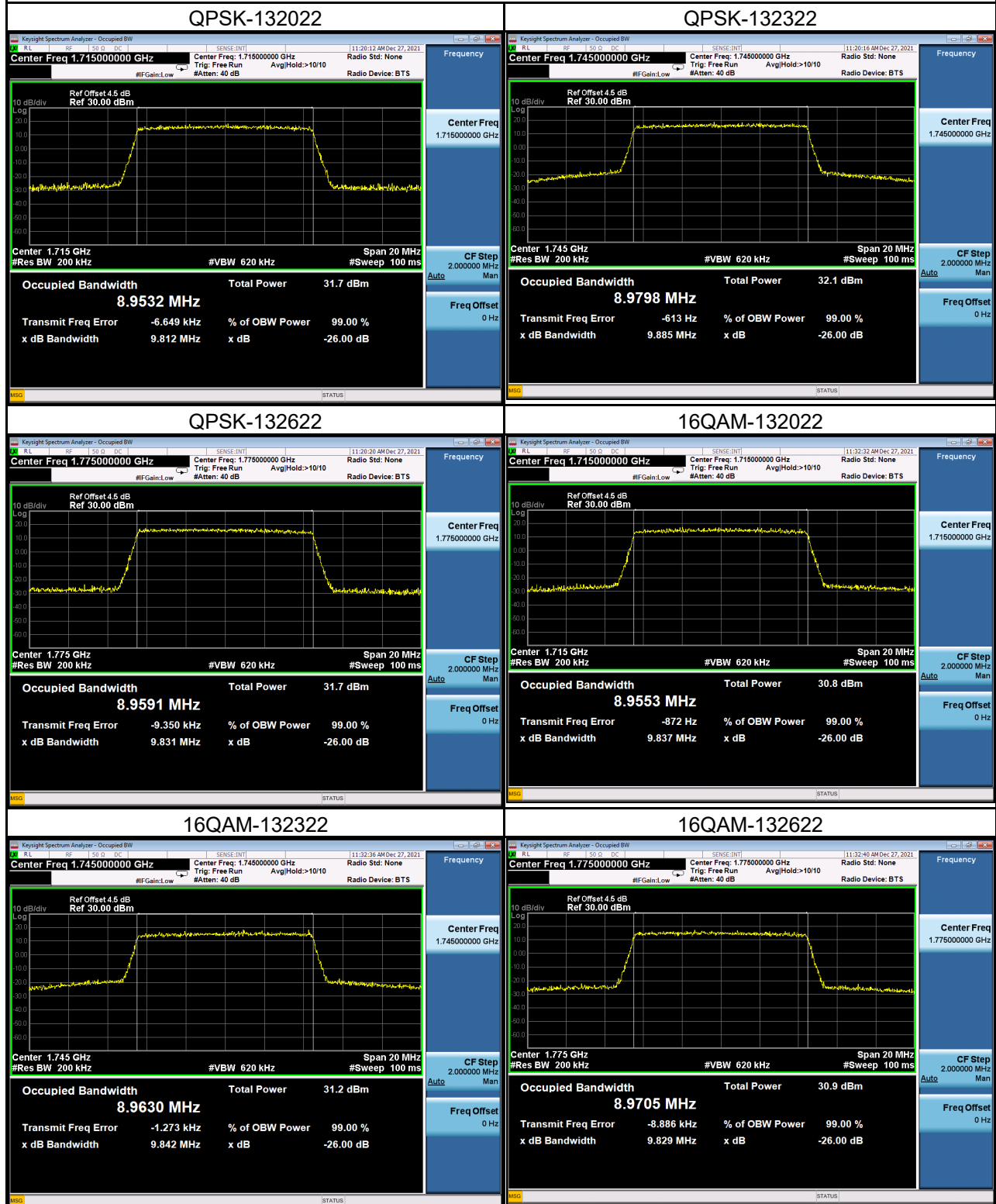
LTE Band 66_5M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
131997	1712.5	4.4970	131997	1712.5	4.5054
132322	1745.0	4.5049	132322	1745.0	4.5073
132647	1777.5	4.5093	132647	1777.5	4.5105
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131997	1712.5	4.975	131997	1712.5	4.960
132322	1745.0	5.026	132322	1745.0	4.976
132647	1777.5	4.985	132647	1777.5	4.988

Spectrum Plot



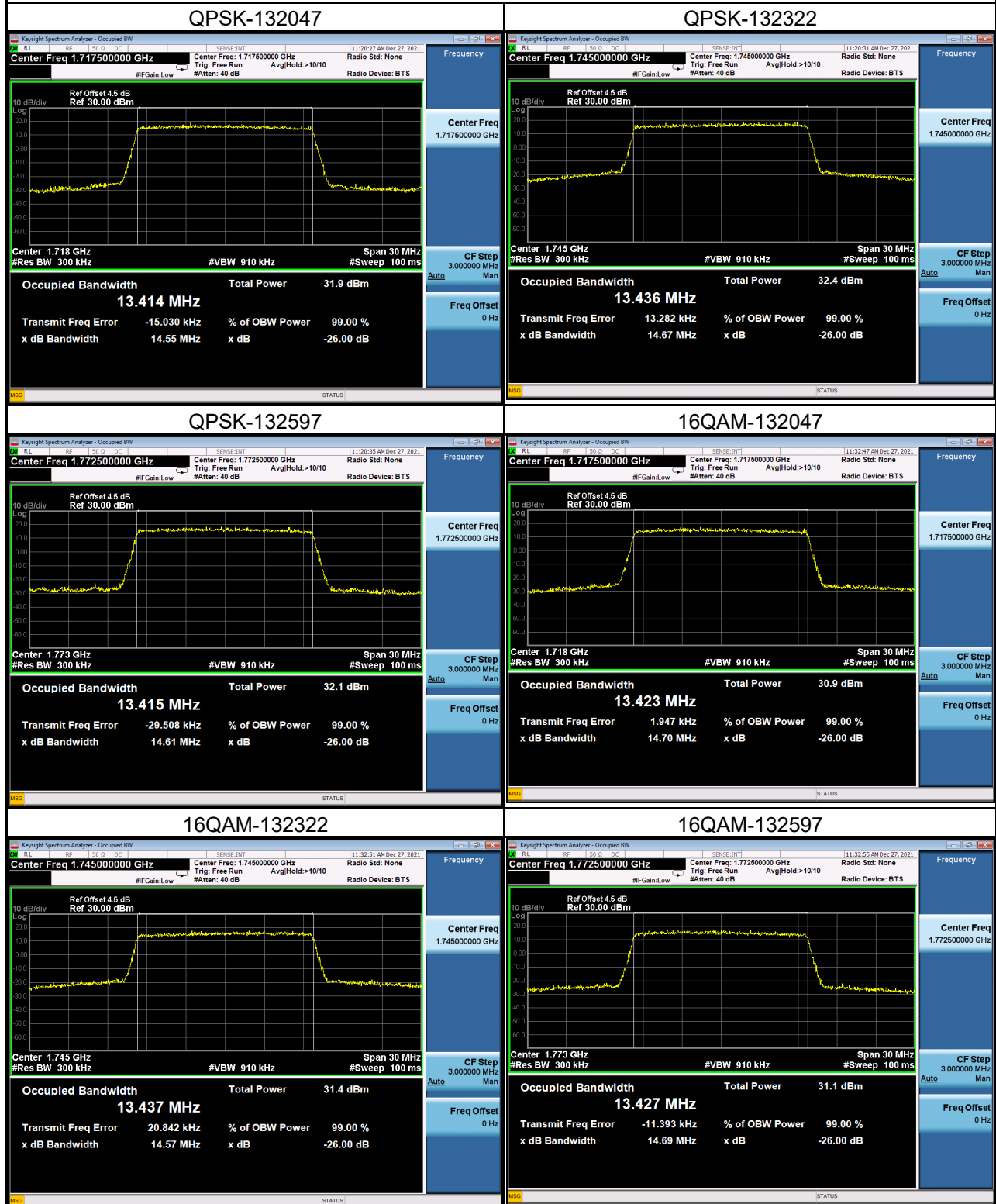
LTE Band 66_10M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132022	1715.0	8.9532	132022	1715.0	8.9553
132322	1745.0	8.9798	132322	1745.0	8.9630
132622	1775.0	8.9591	132622	1775.0	8.9705
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132022	1715.0	9.812	132022	1715.0	9.837
132322	1745.0	9.885	132322	1745.0	9.842
132622	1775.0	9.831	132622	1775.0	9.829

Spectrum Plot



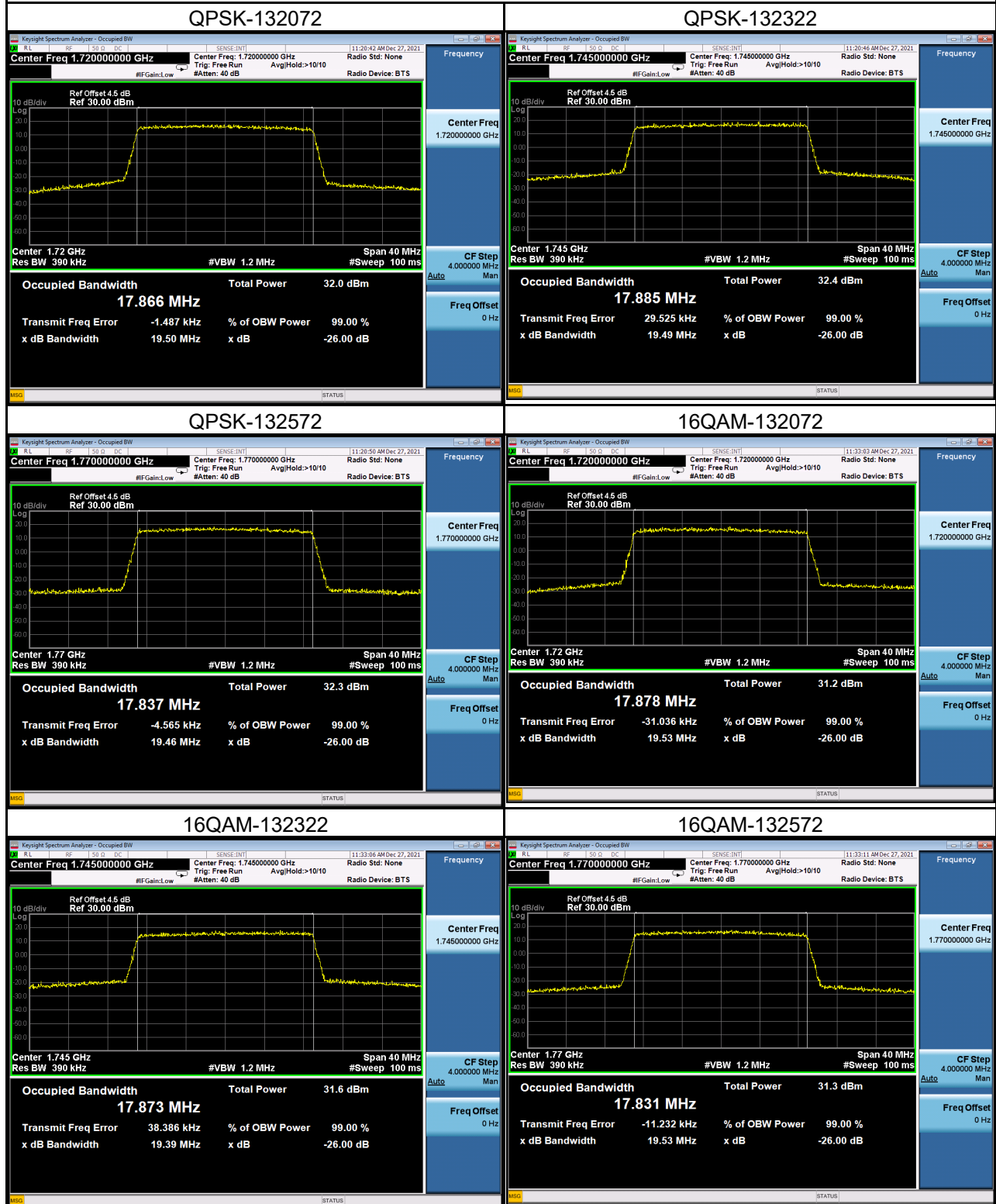
LTE Band 66_15M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132047	1717.5	13.4140	132047	1717.5	13.4230
132322	1745.0	13.4360	132322	1745.0	13.4370
132597	1772.5	13.4150	132597	1772.5	13.4270
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132047	1717.5	14.550	132047	1717.5	14.700
132322	1745.0	14.670	132322	1745.0	14.570
132597	1772.5	14.610	132597	1772.5	14.690

Spectrum Plot

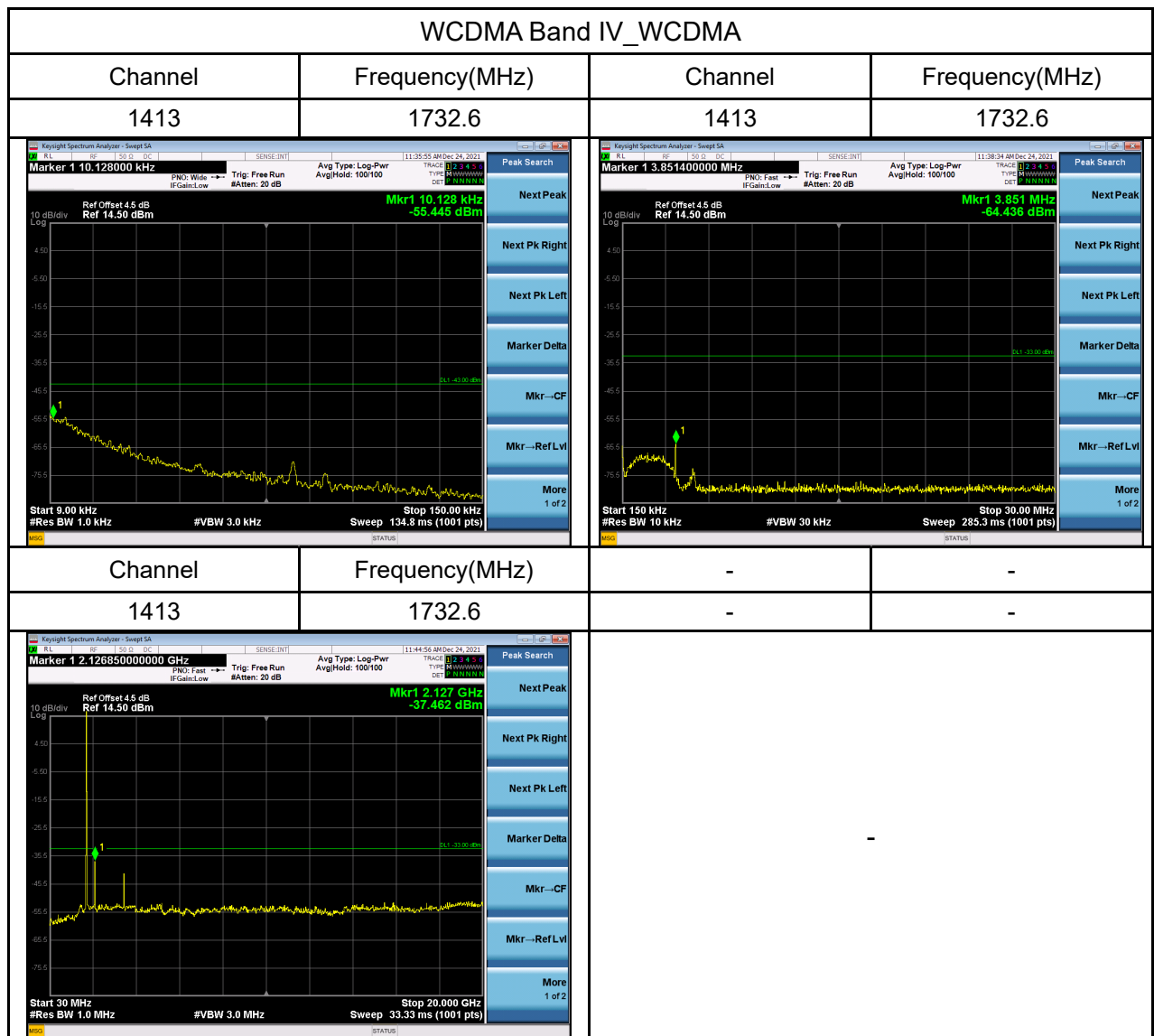


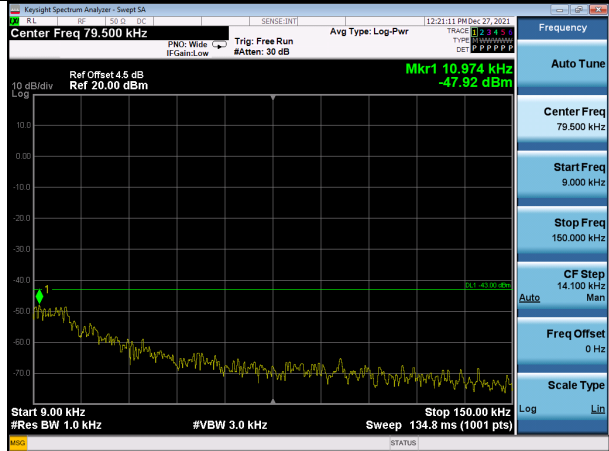
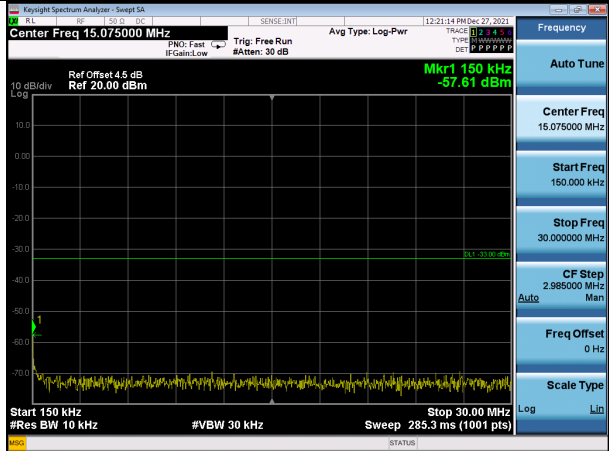
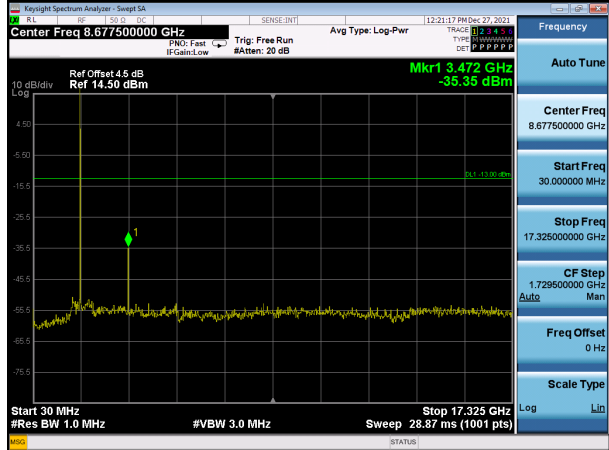
LTE Band 66_20M					
QPSK			16QAM		
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)
132072	1720.0	17.8660	132072	1720.0	17.8780
132322	1745.0	17.8850	132322	1745.0	17.8730
132572	1770.0	17.8370	132572	1770.0	17.8310
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
132072	1720.0	19.500	132072	1720.0	19.530
132322	1745.0	19.490	132322	1745.0	19.390
132572	1770.0	19.460	132572	1770.0	19.530

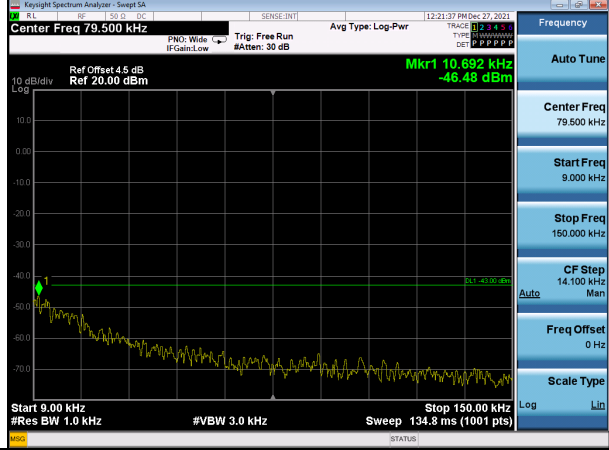
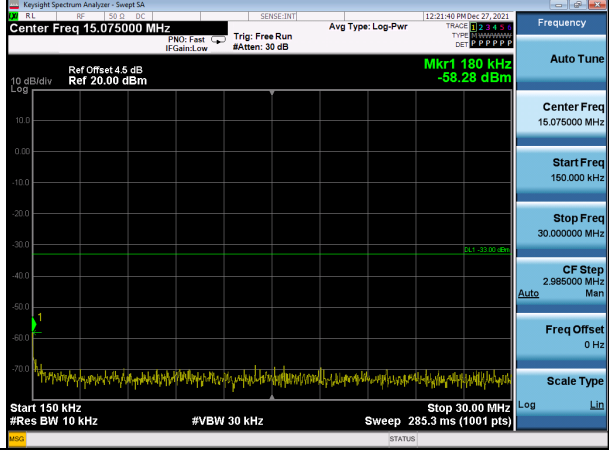
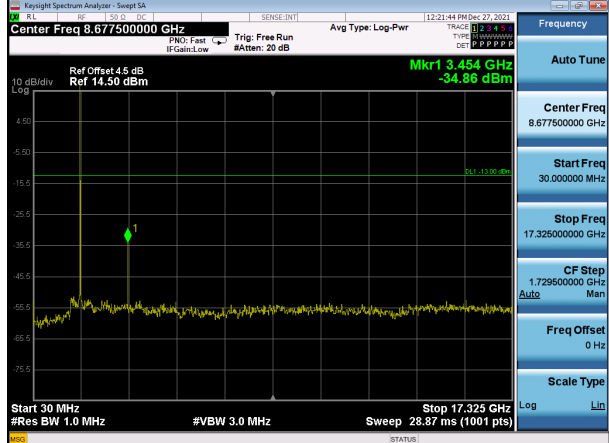
Spectrum Plot

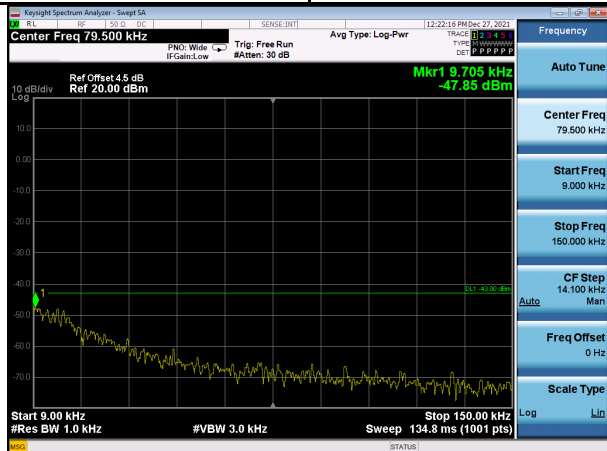
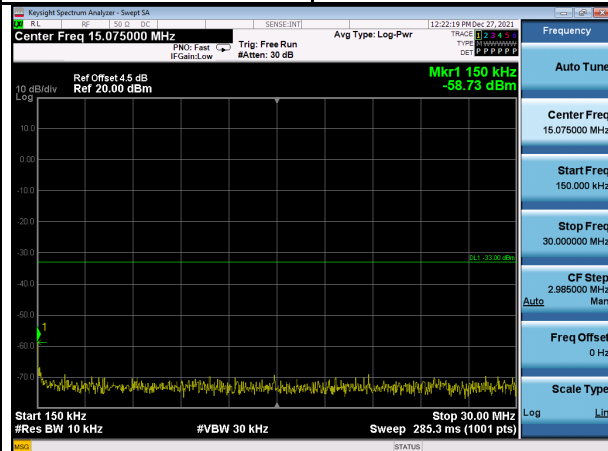
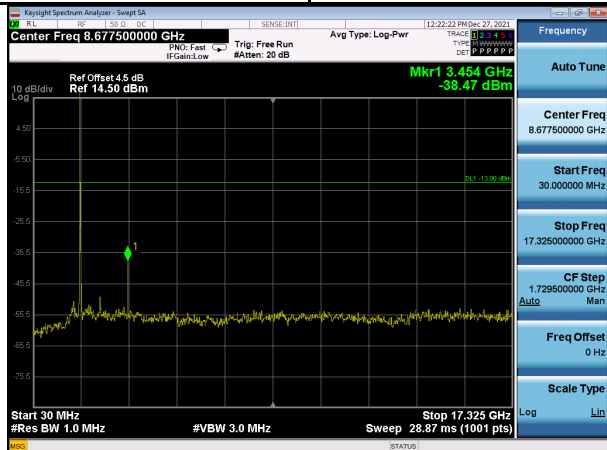


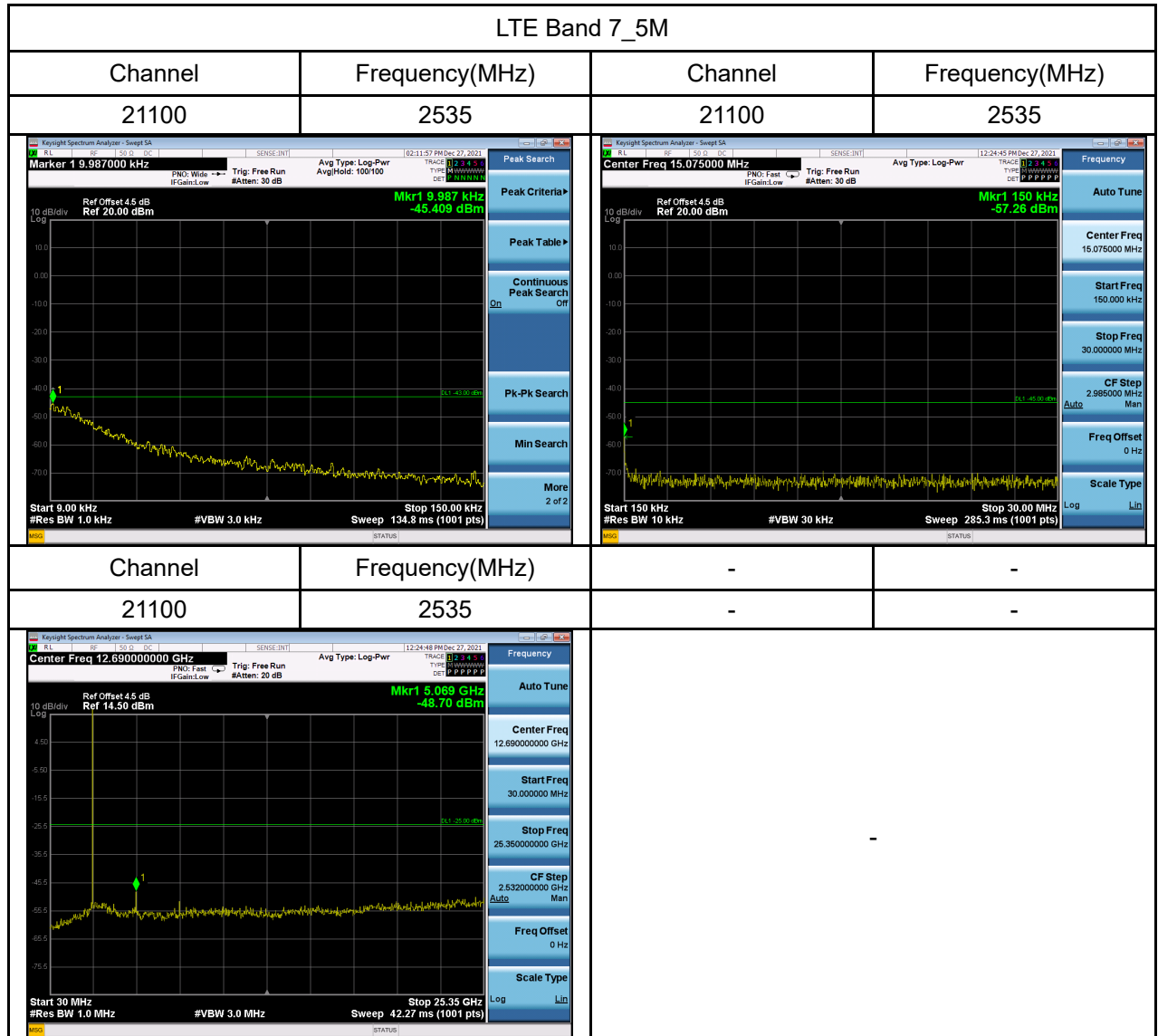
APPENDIX C - CONDUCTED EMISSIONS

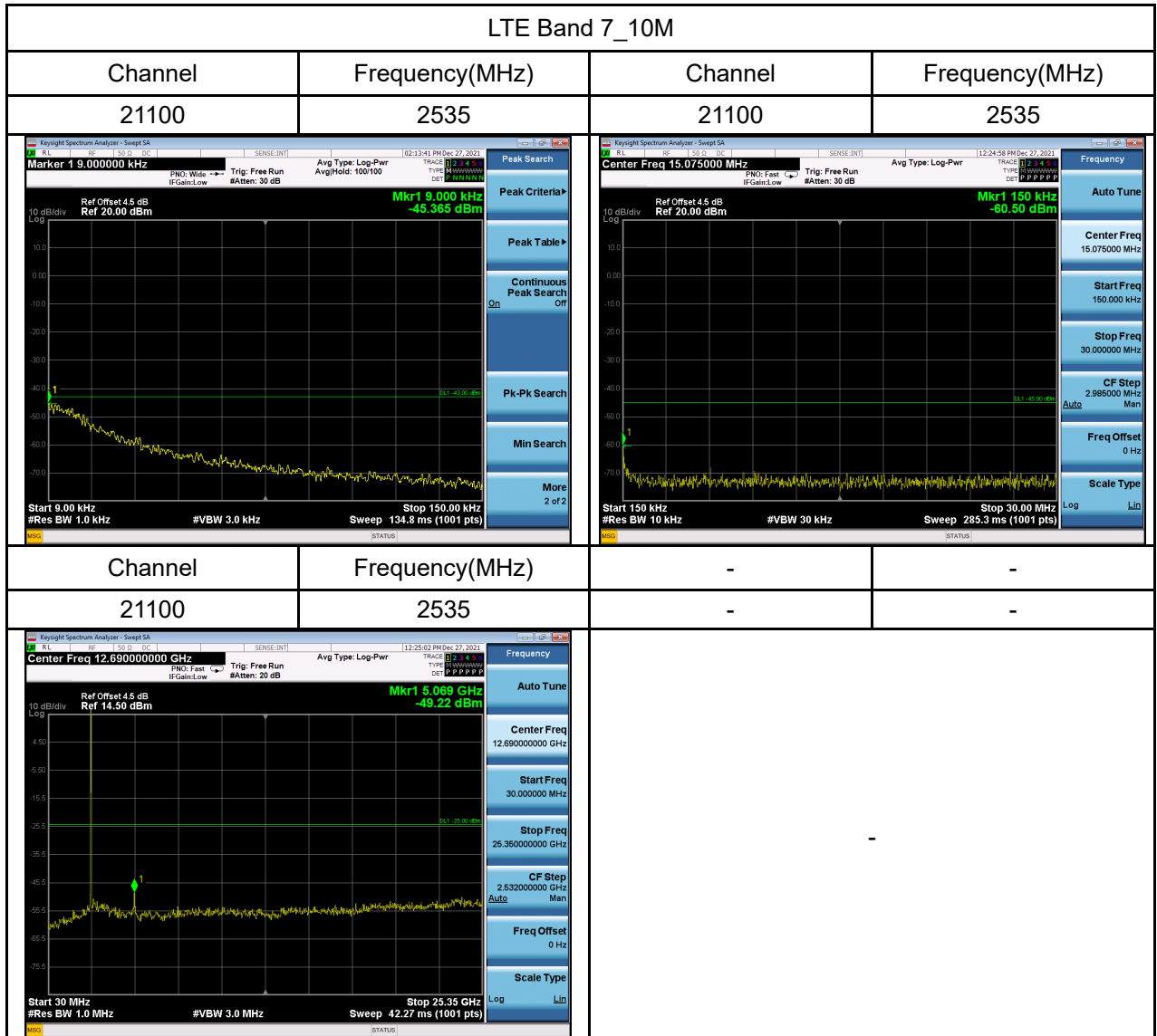


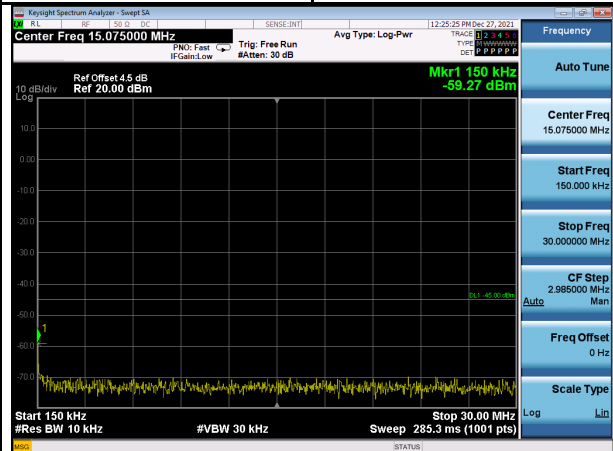
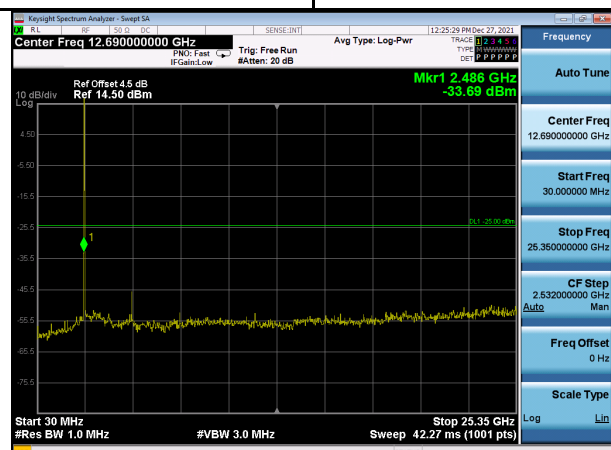
LTE Band 4_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20175	1732.5	20175	1732.5
			
Channel	Frequency(MHz)	-	-
20175	1732.5	-	-
			

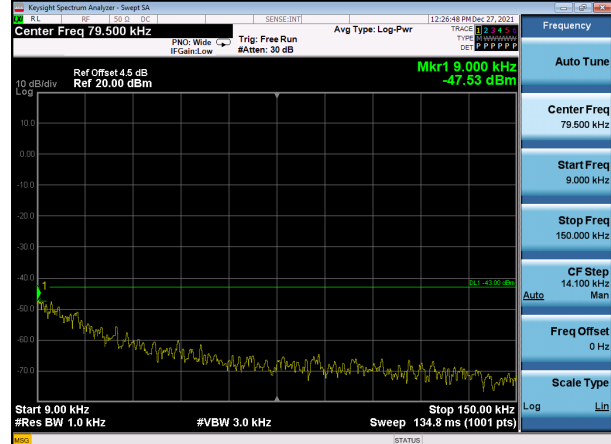
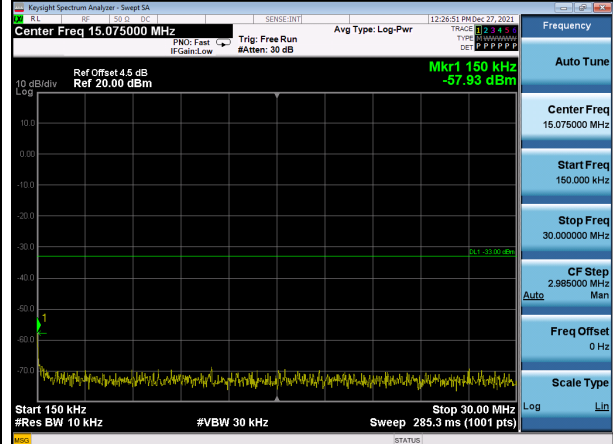
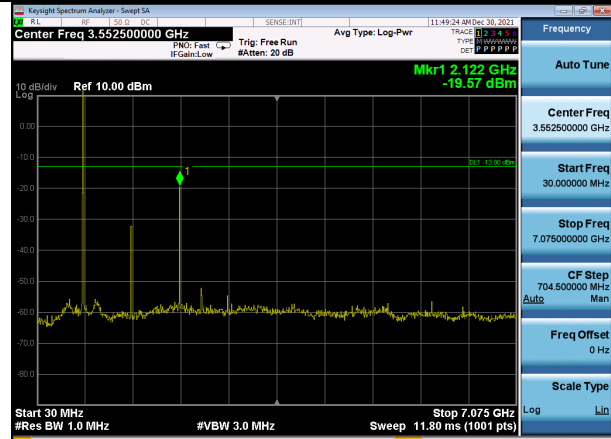
LTE Band 4_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20175	1732.5	20175	1732.5
			
Channel	Frequency(MHz)	-	-
20175	1732.5	-	-
			

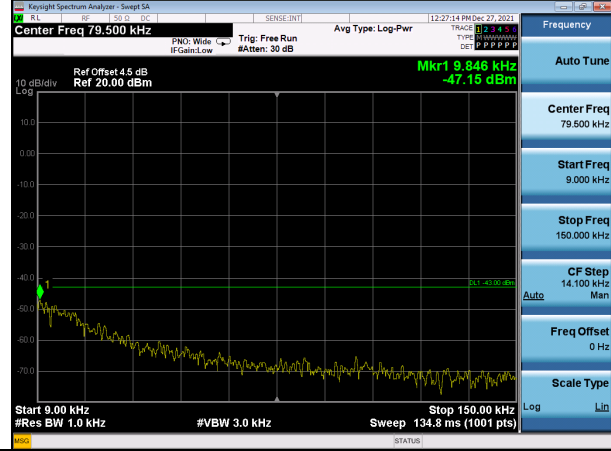
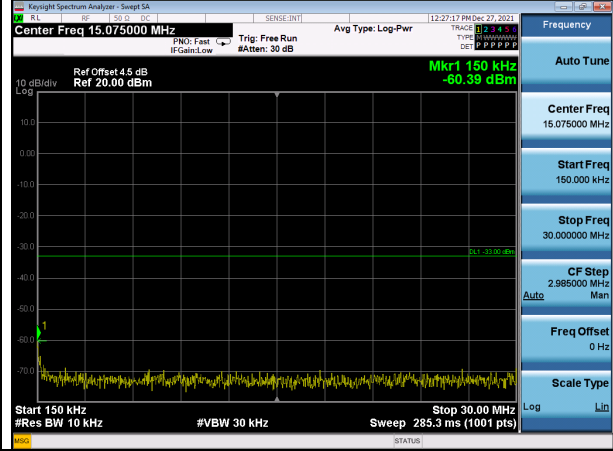
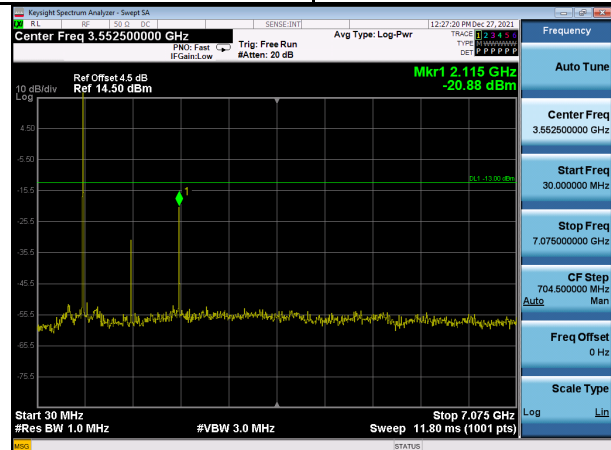
LTE Band 4_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
20175	1732.5	20175	1732.5
			
Channel	Frequency(MHz)	-	-
20175	1732.5	-	-
			

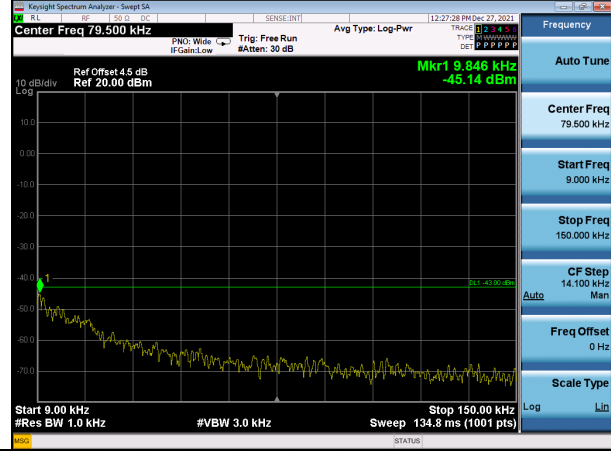
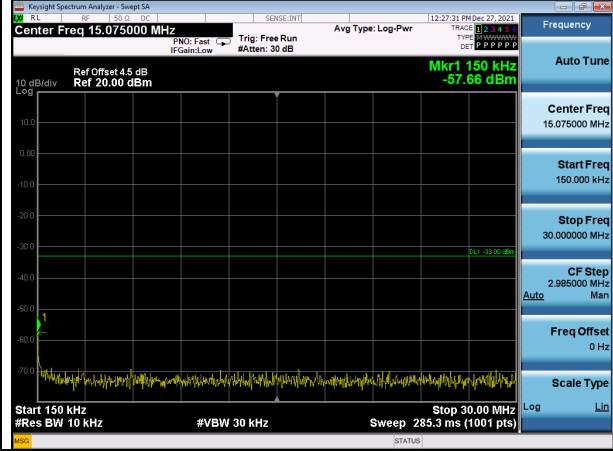
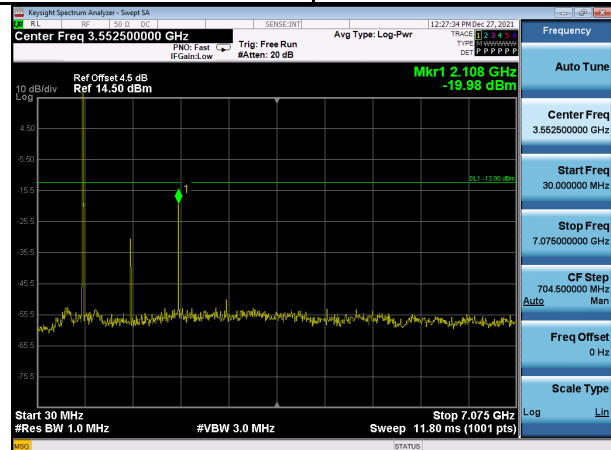


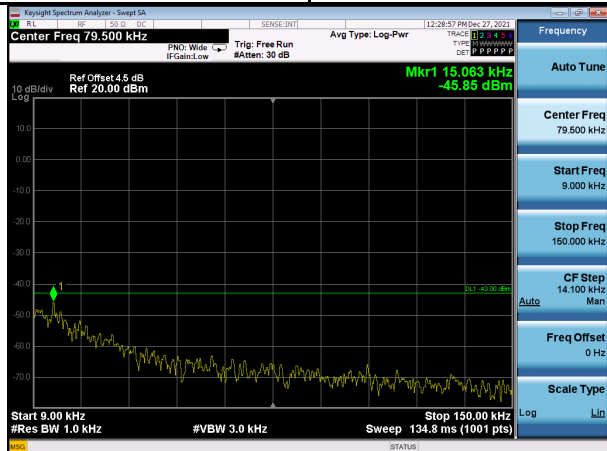
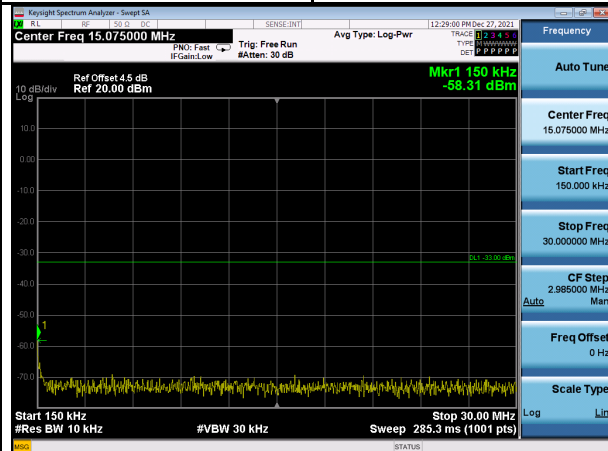
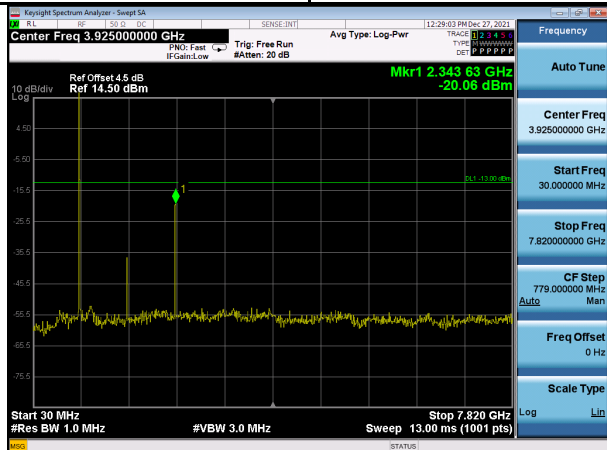


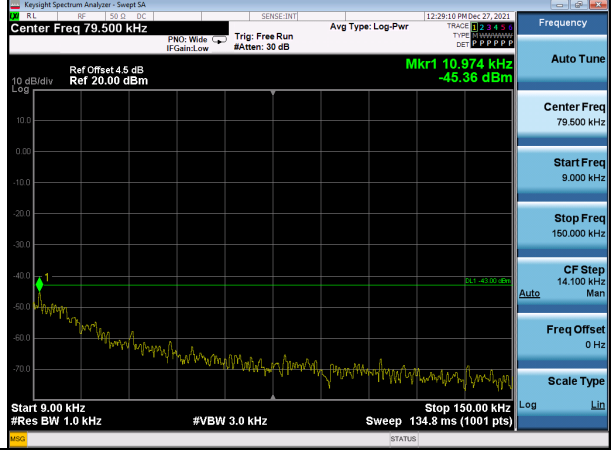
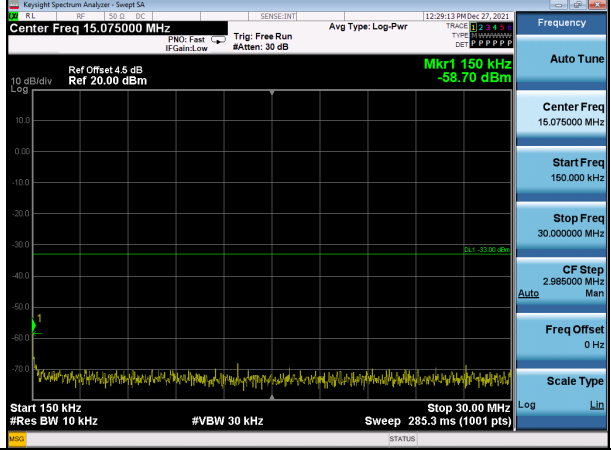
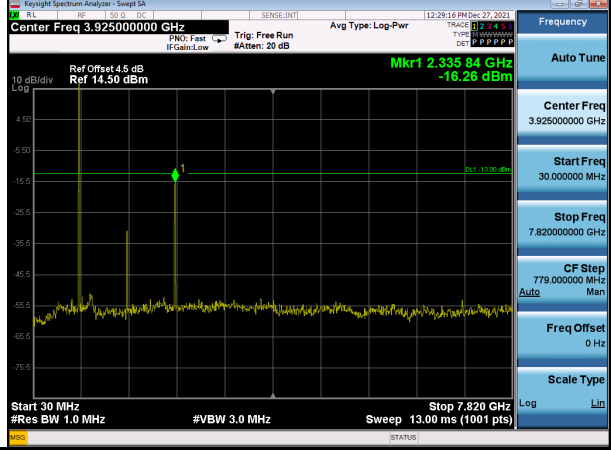
LTE Band 7_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
21100	2535	21100	2535
			
Channel	Frequency(MHz)	-	-
21100	2535	-	-
			

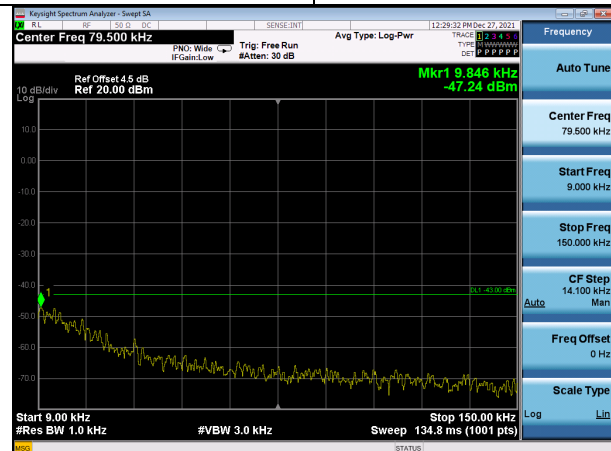
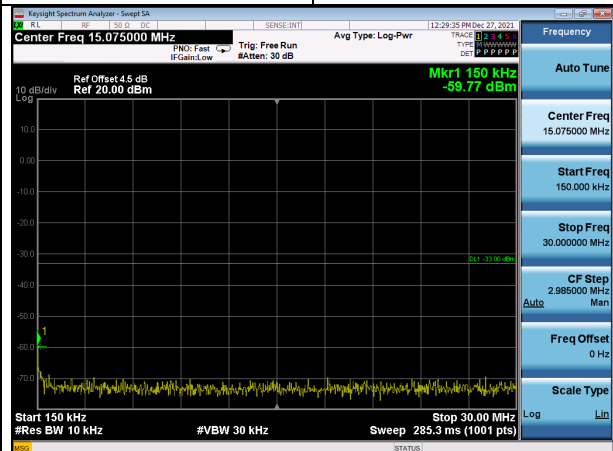
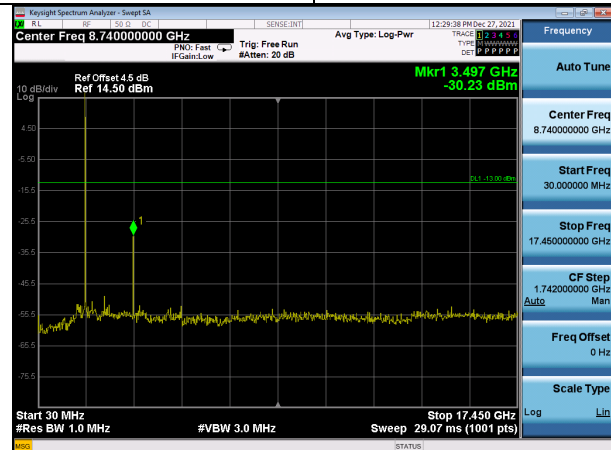
LTE Band 12_1.4M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
			
Channel	Frequency(MHz)		
23095	707.5	-	-
			

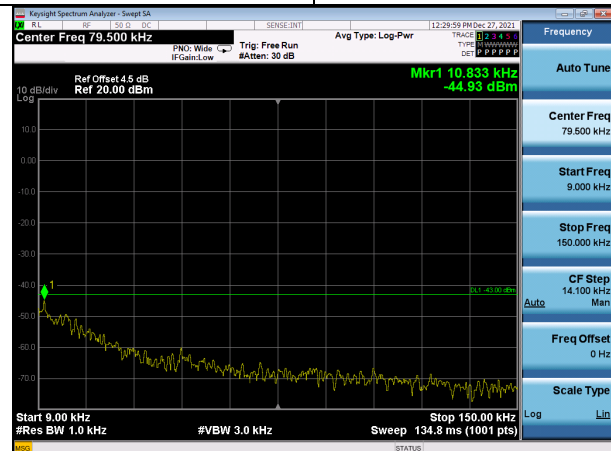
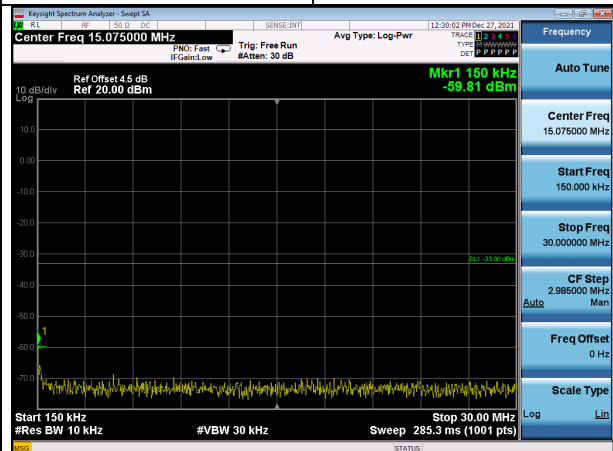
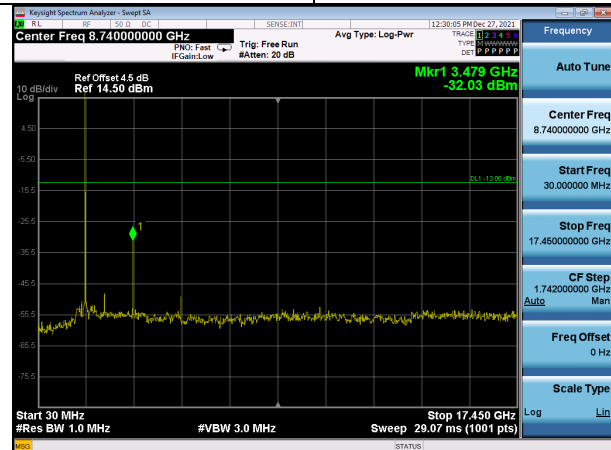
LTE Band 12_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
			
Channel	Frequency(MHz)		
23095	707.5	-	-
			

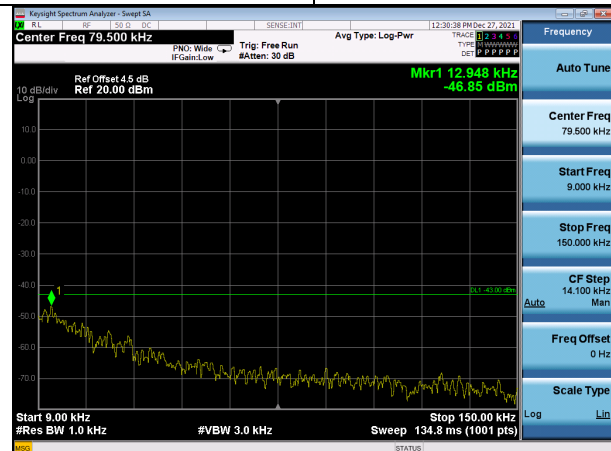
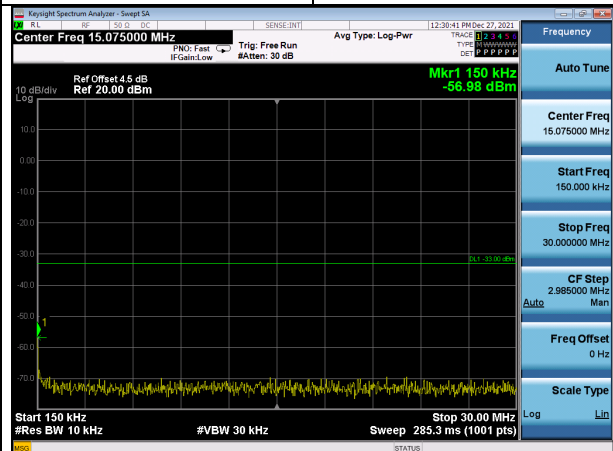
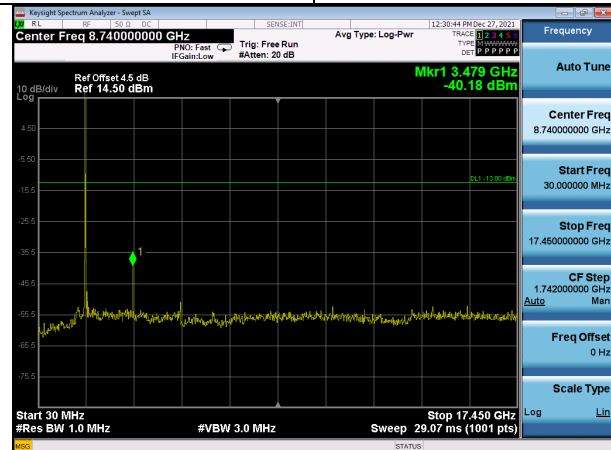
LTE Band 12_10M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23095	707.5	23095	707.5
			
Channel	Frequency(MHz)	-	-
23095	707.5	-	-
			

LTE Band 13_5M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23230	782.0	23230	782.0
			
Channel	Frequency(MHz)		
23230	782.0	-	-
			

LTE Band 13_10M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
23230	782.0	23230	782.0
			
Channel	Frequency(MHz)	-	-
23230	782.0	-	-
			

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	-	-
			

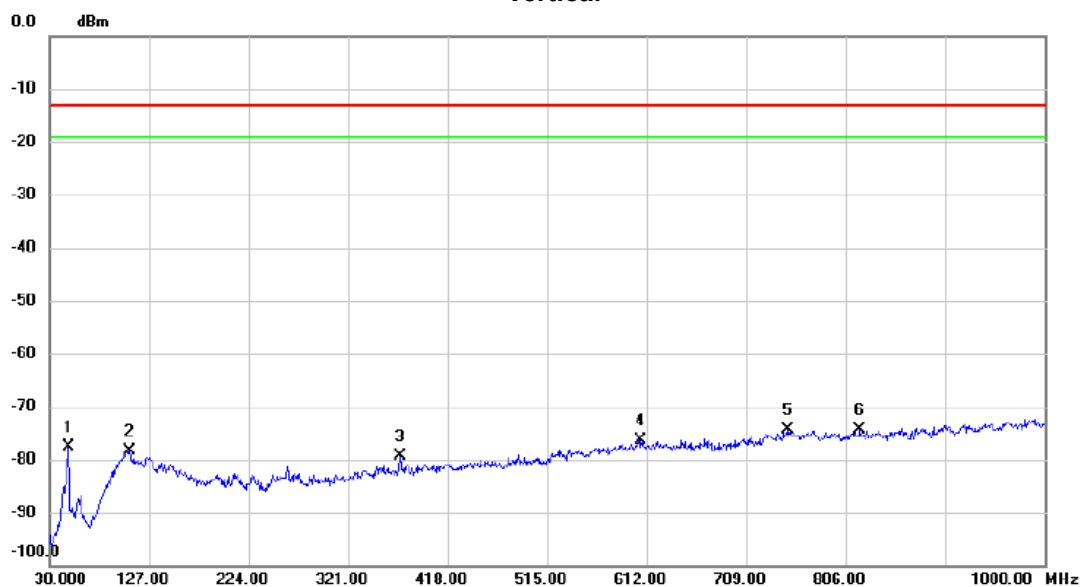
APPENDIX D - RADIATED SPURIOUS EMISSION (9KHZ TO 30MHZ)

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)

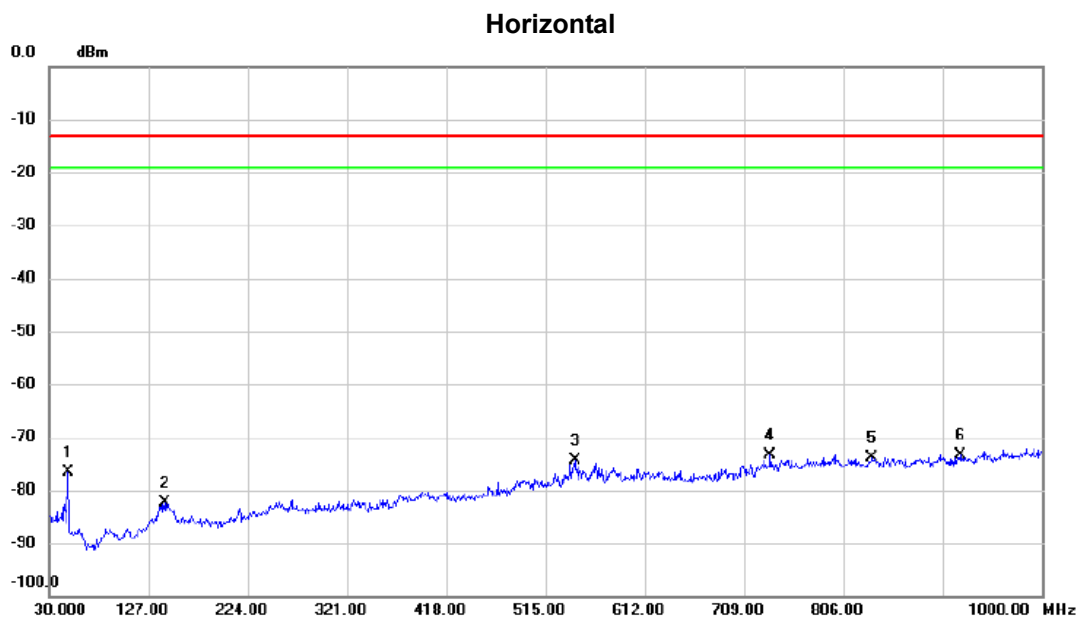
Test Mode: WCDMA Band IV_TX Mode

Vertical



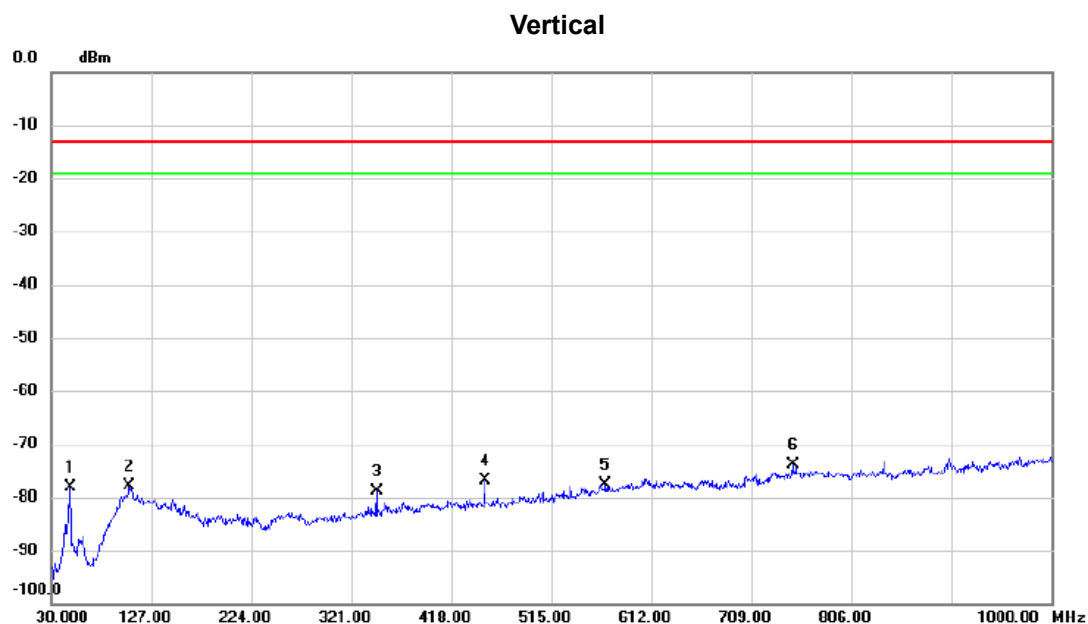
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	48.4300	-67.42	-10.10	-77.52	-13.00	-64.52	RMS	
2	107.6000	-80.60	2.28	-78.32	-13.00	-65.32	RMS	
3	371.9250	-79.51	0.09	-79.42	-13.00	-66.42	RMS	
4	606.6650	-80.56	4.15	-76.41	-13.00	-63.41	RMS	
5 *	749.7400	-80.09	5.75	-74.34	-13.00	-61.34	RMS	
6	820.0650	-80.09	5.67	-74.42	-13.00	-61.42	RMS	

Test Mode: WCDMA Band IV_TX Mode



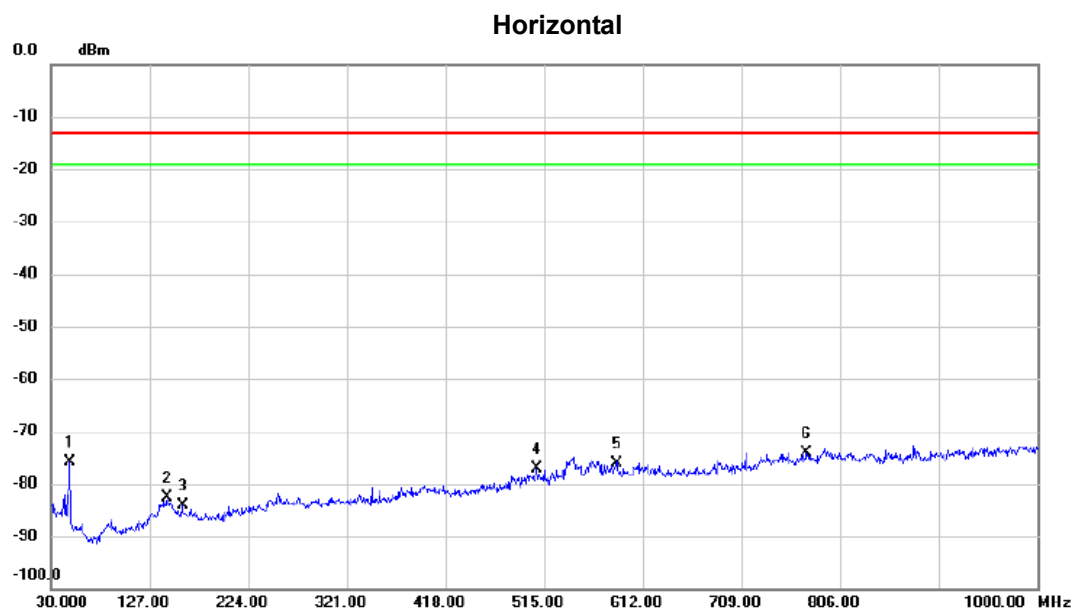
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		48.4300	-71.43	-5.30	-76.73	-13.00	-63.73	RMS	
2		142.5200	-79.04	-3.42	-82.46	-13.00	-69.46	RMS	
3		543.6150	-77.36	2.88	-74.48	-13.00	-61.48	RMS	
4	*	734.7050	-78.42	5.09	-73.33	-13.00	-60.33	RMS	
5		834.1300	-80.15	6.38	-73.77	-13.00	-60.77	RMS	
6		920.9450	-80.15	6.70	-73.45	-13.00	-60.45	RMS	

Test Mode: LTE Band 4_TX Mode_20M



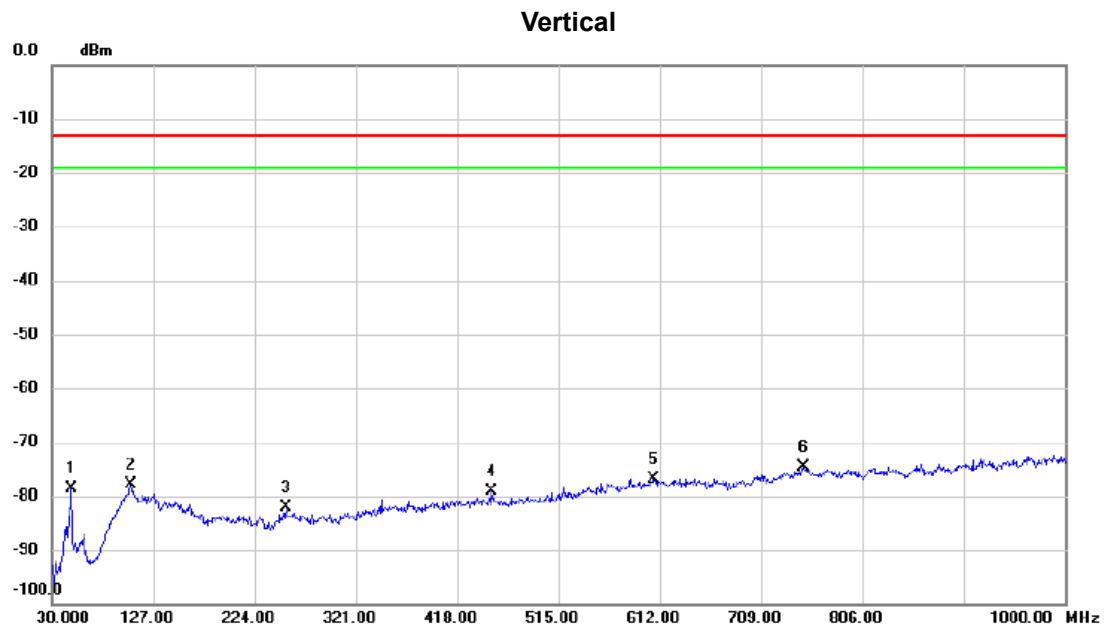
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		48.4300	-67.97	-10.10	-78.07	-13.00	-65.07	RMS	
2		105.6600	-80.29	2.36	-77.93	-13.00	-64.93	RMS	
3		345.7350	-78.46	-0.42	-78.88	-13.00	-65.88	RMS	
4		450.4950	-77.90	0.94	-76.96	-13.00	-63.96	RMS	
5		567.3800	-80.98	3.39	-77.59	-13.00	-64.59	RMS	
6	*	749.2550	-79.61	5.74	-73.87	-13.00	-60.87	RMS	

Test Mode: LTE Band 4_TX Mode_20M



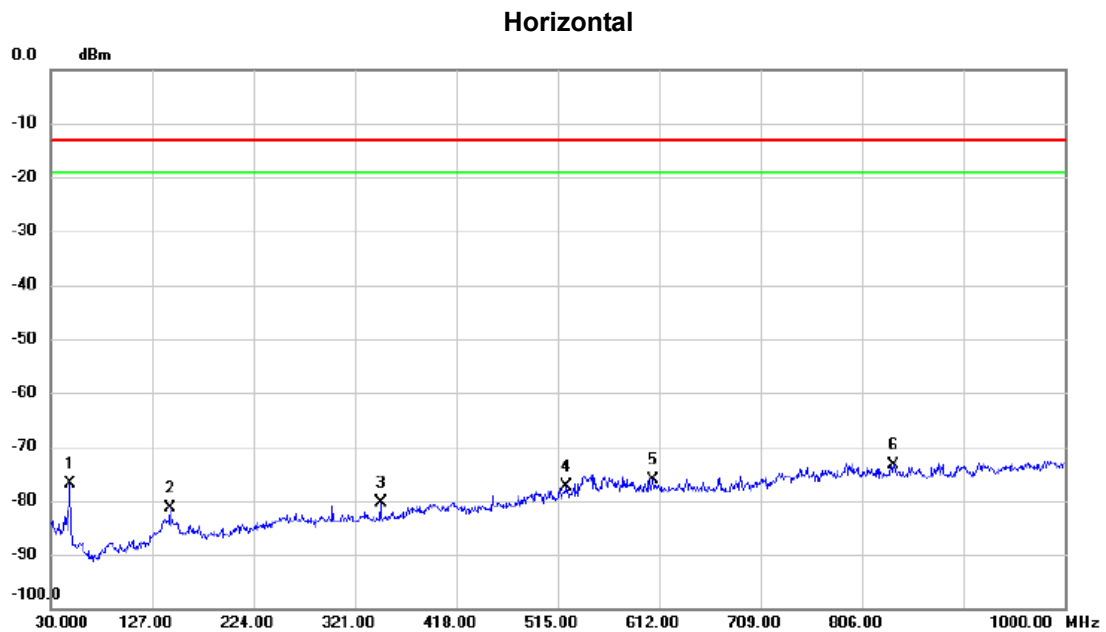
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	48.4300	-70.58	-5.30	-75.88	-13.00	-62.88	RMS	
2	144.9450	-79.39	-3.22	-82.61	-13.00	-69.61	RMS	
3	159.4950	-81.15	-3.08	-84.23	-13.00	-71.23	RMS	
4	507.7250	-79.02	1.84	-77.18	-13.00	-64.18	RMS	
5	586.2950	-79.82	3.82	-76.00	-13.00	-63.00	RMS	
6 *	773.5050	-80.04	5.95	-74.09	-13.00	-61.09	RMS	

Test Mode: LTE Band 7_TX Mode_20M



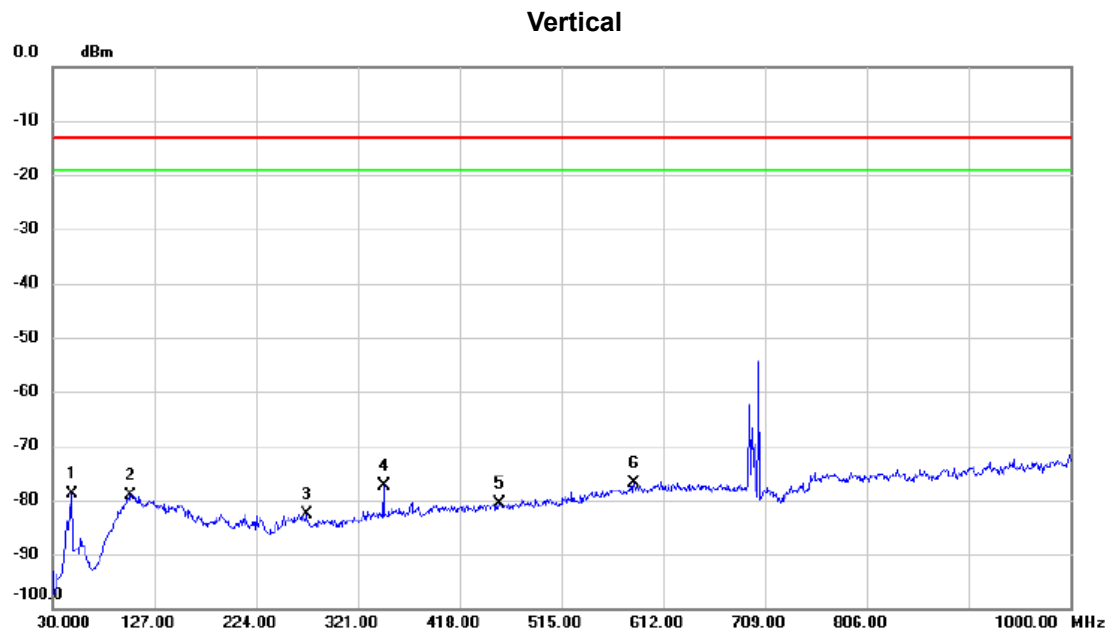
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		48.4300	-68.55	-10.10	-78.65	-13.00	-65.65	RMS	
2		105.6600	-80.16	2.36	-77.80	-13.00	-64.80	RMS	
3		254.0700	-79.08	-3.12	-82.20	-13.00	-69.20	RMS	
4		450.4950	-79.95	0.94	-79.01	-13.00	-66.01	RMS	
5		606.6650	-80.92	4.15	-76.77	-13.00	-63.77	RMS	
6	*	749.2550	-80.37	5.74	-74.63	-13.00	-61.63	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		48.4300	-71.67	-5.30	-76.97	-13.00	-63.97	RMS	
2		144.4600	-78.01	-3.26	-81.27	-13.00	-68.27	RMS	
3		345.7350	-79.84	-0.64	-80.48	-13.00	-67.48	RMS	
4		523.2450	-79.74	2.29	-77.45	-13.00	-64.45	RMS	
5		606.6650	-80.27	4.10	-76.17	-13.00	-63.17	RMS	
6	*	836.5550	-79.80	6.38	-73.42	-13.00	-60.42	RMS	

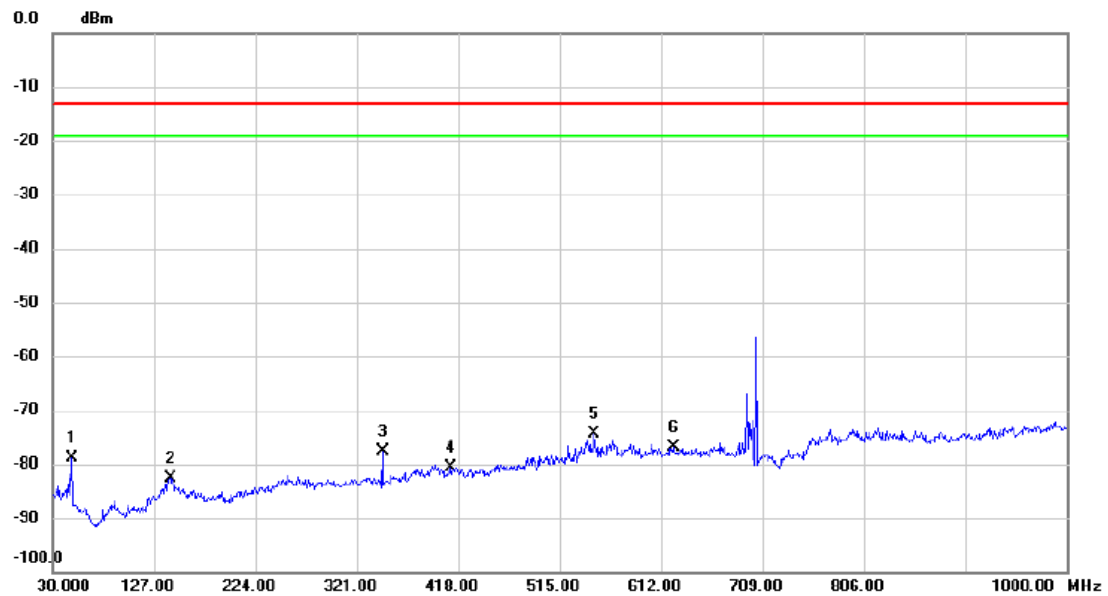
Test Mode: LTE Band 12_TX Mode_10M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		48.4300	-68.80	-10.10	-78.90	-13.00	-65.90	RMS	
2		103.7200	-81.50	2.44	-79.06	-13.00	-66.06	RMS	
3		272.0150	-80.08	-2.47	-82.55	-13.00	-69.55	RMS	
4		345.7350	-77.00	-0.42	-77.42	-13.00	-64.42	RMS	
5		456.3150	-81.49	0.99	-80.50	-13.00	-67.50	RMS	
6	*	584.3550	-80.71	3.79	-76.92	-13.00	-63.92	RMS	

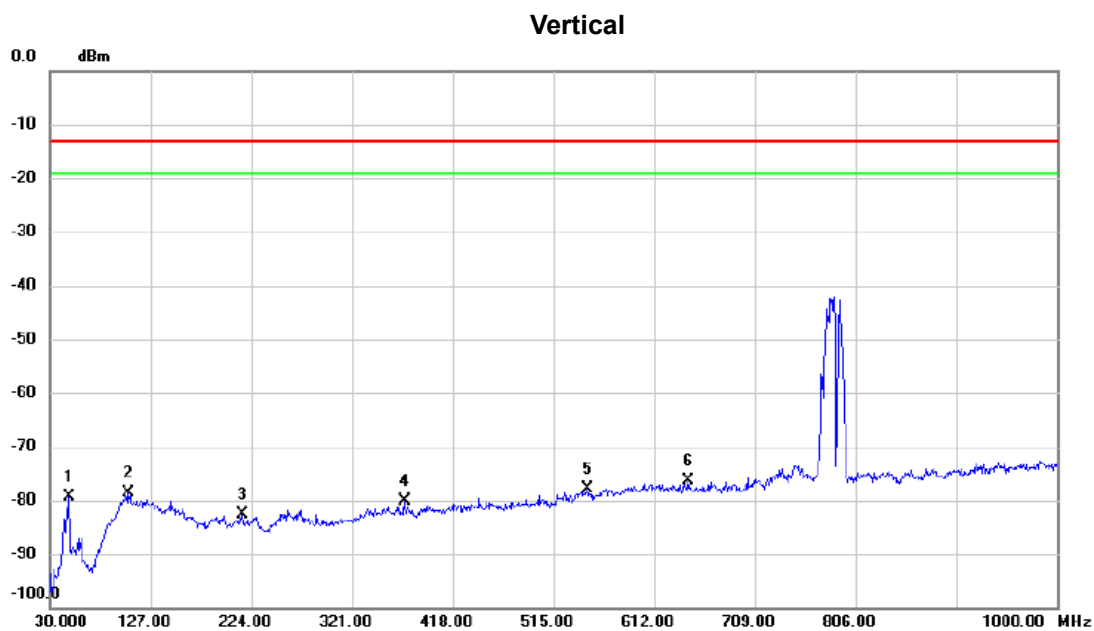
Test Mode: LTE Band 12_TX Mode_10M

Horizontal



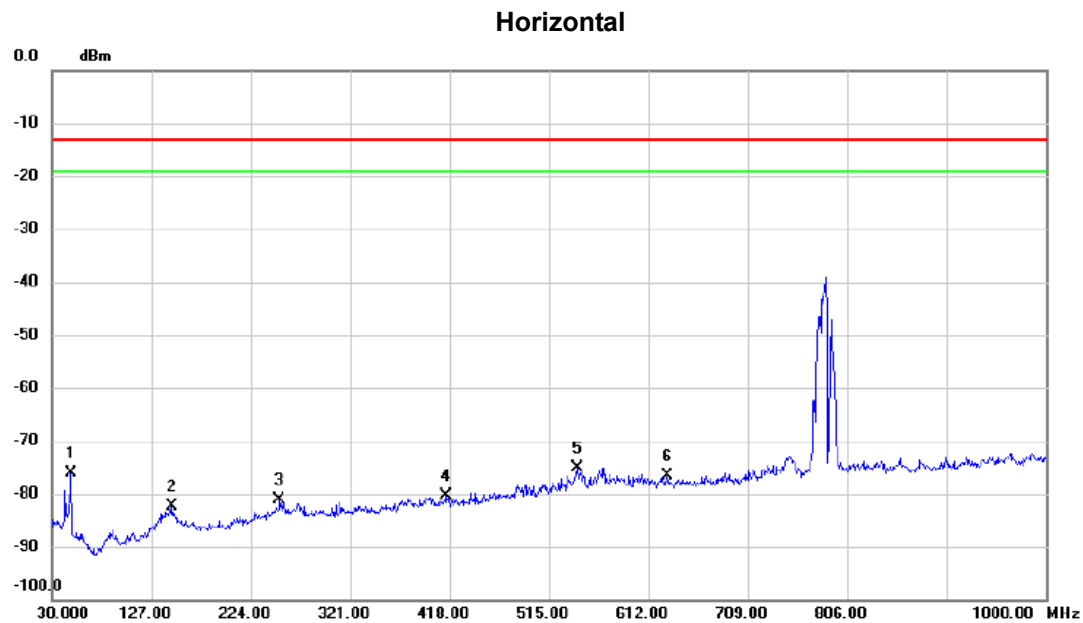
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		48.4300	-73.50	-5.30	-78.80	-13.00	-65.80	RMS	
2		142.5200	-79.26	-3.42	-82.68	-13.00	-69.68	RMS	
3		345.7350	-77.08	-0.64	-77.72	-13.00	-64.72	RMS	
4		410.7250	-81.05	0.50	-80.55	-13.00	-67.55	RMS	
5	*	548.4650	-77.45	3.03	-74.42	-13.00	-61.42	RMS	
6		623.6400	-81.05	4.10	-76.95	-13.00	-63.95	RMS	

Test Mode: LTE Band 13_TX Mode_10M



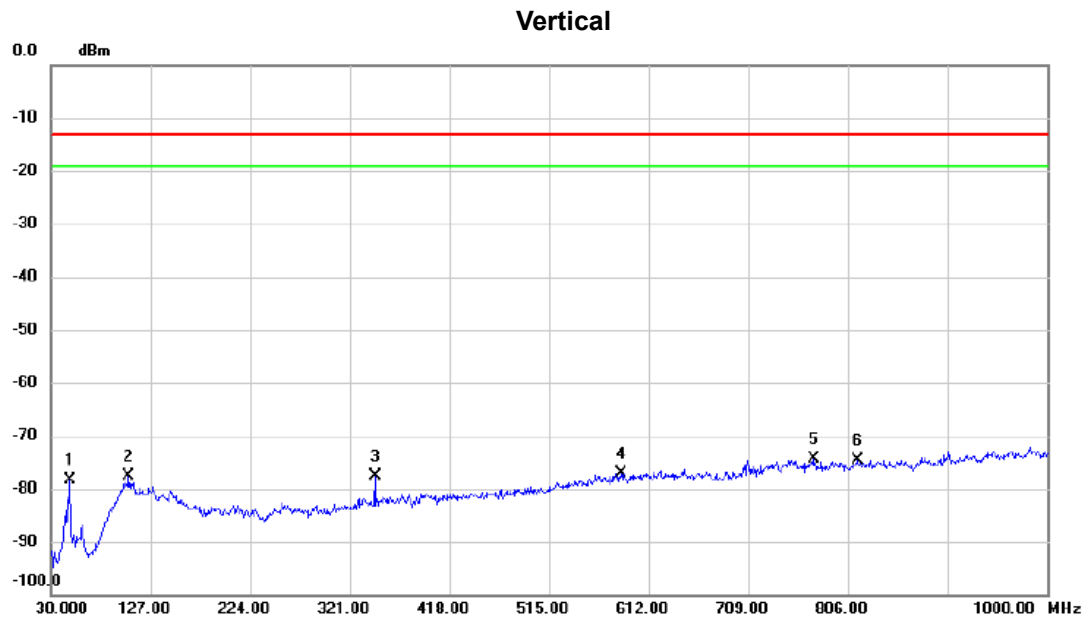
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		48.4300	-69.24	-10.10	-79.34	-13.00	-66.34	RMS	
2		105.6600	-81.00	2.36	-78.64	-13.00	-65.64	RMS	
3		215.7550	-79.15	-3.50	-82.65	-13.00	-69.65	RMS	
4		371.9250	-80.32	0.09	-80.23	-13.00	-67.23	RMS	
5		548.4650	-80.81	2.93	-77.88	-13.00	-64.88	RMS	
6	*	644.4950	-80.54	4.09	-76.45	-13.00	-63.45	RMS	

Test Mode: LTE Band 13_TX Mode_20M



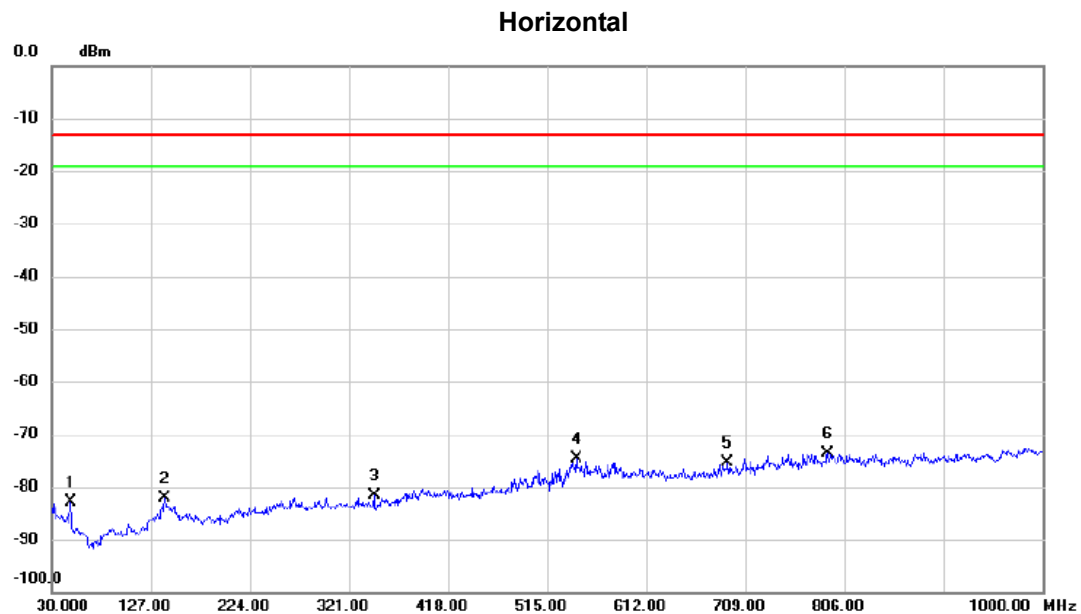
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		48.4300	-70.89	-5.30	-76.19	-13.00	-63.19	RMS	
2		147.3700	-79.40	-3.02	-82.42	-13.00	-69.42	RMS	
3		252.1300	-79.85	-1.23	-81.08	-13.00	-68.08	RMS	
4		415.0900	-80.85	0.54	-80.31	-13.00	-67.31	RMS	
5	*	542.6450	-77.95	2.86	-75.09	-13.00	-62.09	RMS	
6		630.4300	-80.67	4.09	-76.58	-13.00	-63.58	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	48.4300	-68.38	-10.10	-78.48	-13.00	-65.48	RMS	
2	105.6600	-79.96	2.36	-77.60	-13.00	-64.60	RMS	
3	345.7350	-77.25	-0.42	-77.67	-13.00	-64.67	RMS	
4	585.3250	-80.90	3.81	-77.09	-13.00	-64.09	RMS	
5 *	772.5350	-80.00	5.68	-74.32	-13.00	-61.32	RMS	
6	815.7000	-80.24	5.65	-74.59	-13.00	-61.59	RMS	

Test Mode: LTE Band 66_ TX Mode _20M

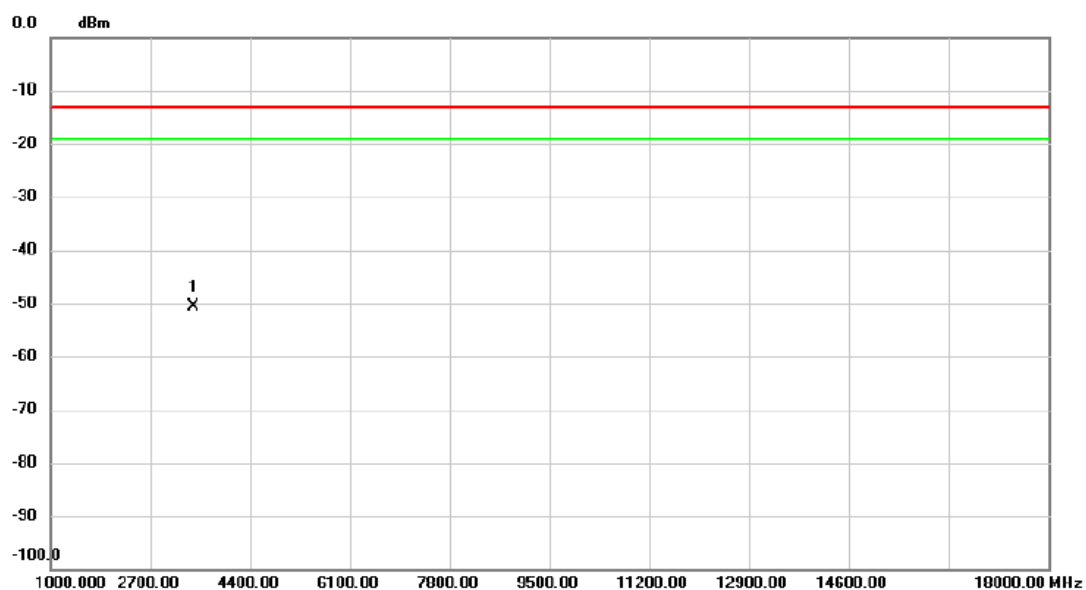


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		48.4300	-77.51	-5.30	-82.81	-13.00	-69.81	RMS	
2		140.5800	-78.58	-3.58	-82.16	-13.00	-69.16	RMS	
3		345.7350	-81.02	-0.64	-81.66	-13.00	-68.66	RMS	
4		543.6150	-77.48	2.88	-74.60	-13.00	-61.60	RMS	
5		692.0250	-79.57	4.12	-75.45	-13.00	-62.45	RMS	
6	*	789.9950	-79.99	6.25	-73.74	-13.00	-60.74	RMS	

APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

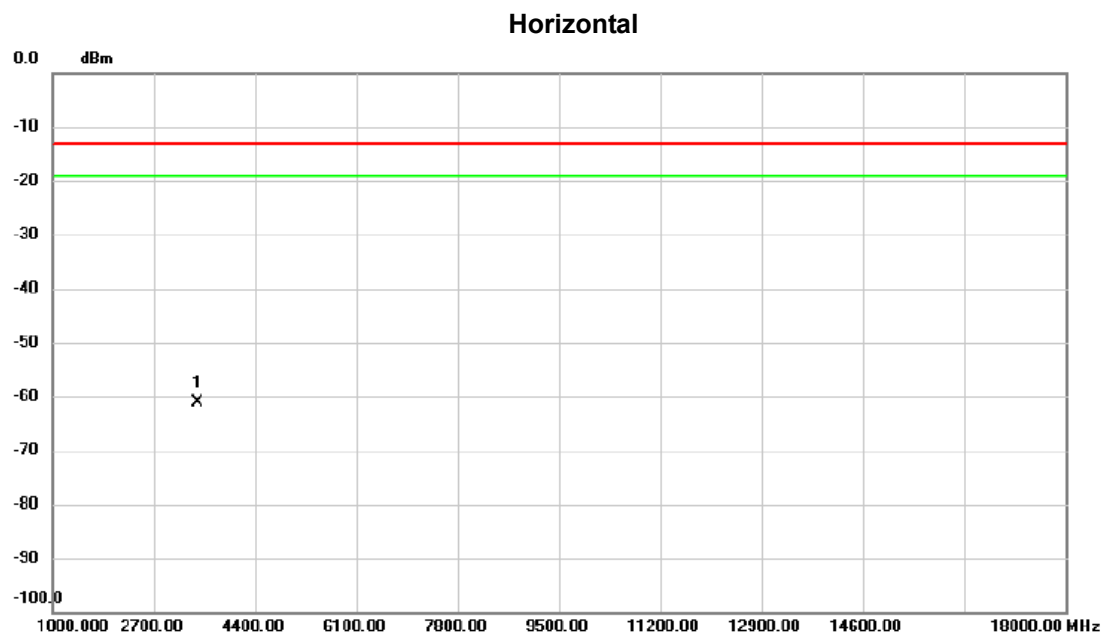
Test Mode: WCDMA Band IV_TX Mode

Vertical



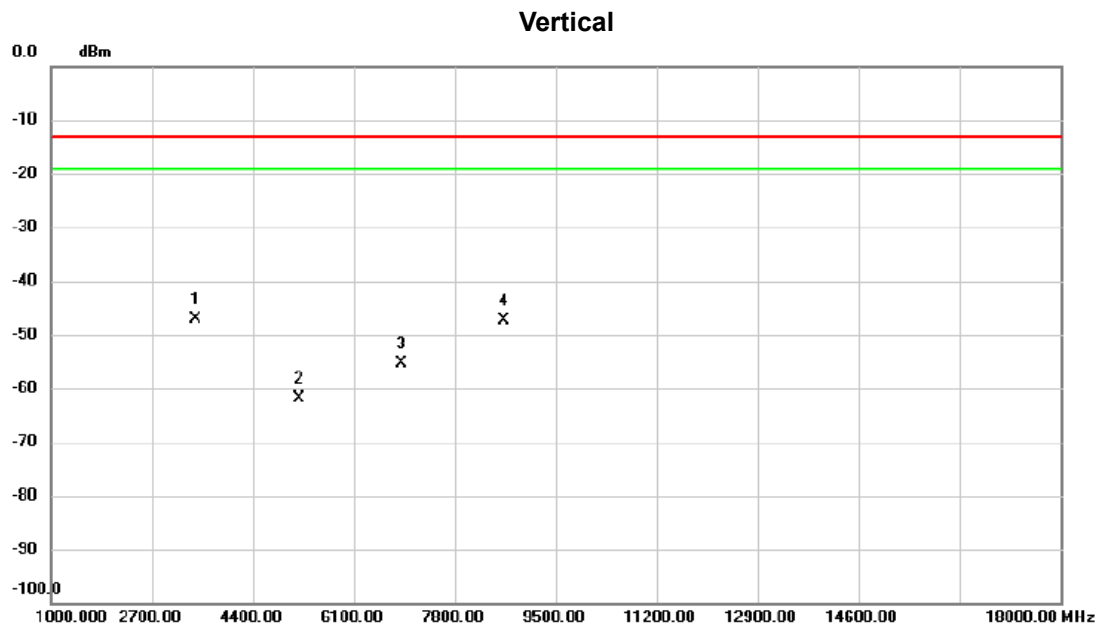
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3426.750	-44.41	-6.27	-50.68	-13.00	-37.68	RMS	

Test Mode:	WCDMA Band IV_TX Mode
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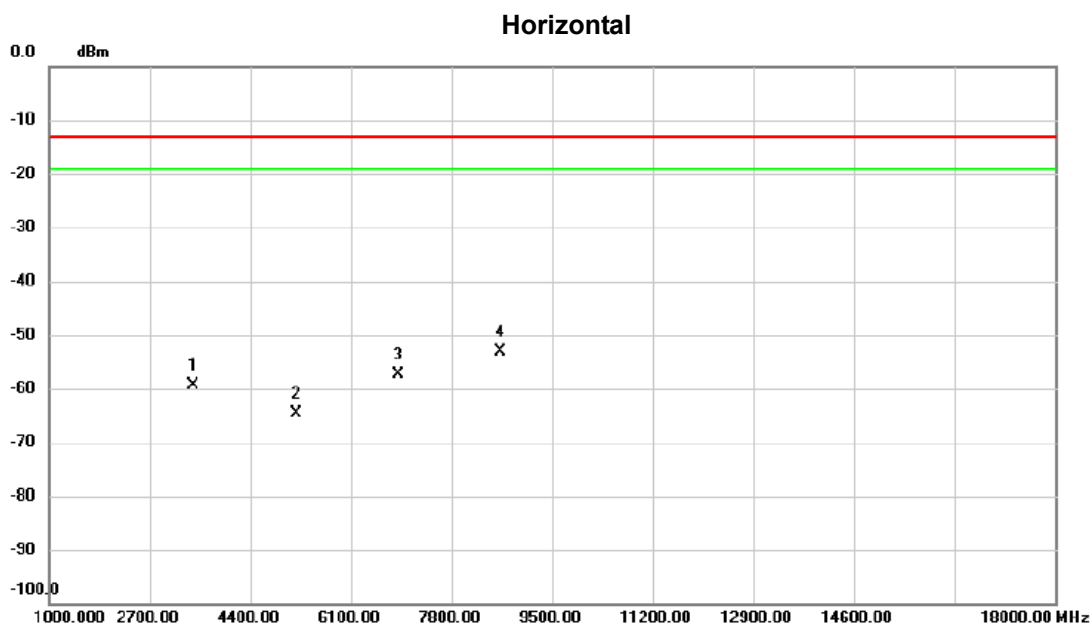
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3426.750	-54.88	-6.22	-61.10	-13.00	-48.10	RMS	

Test Mode: LTE Band 4_TX Mode _20M



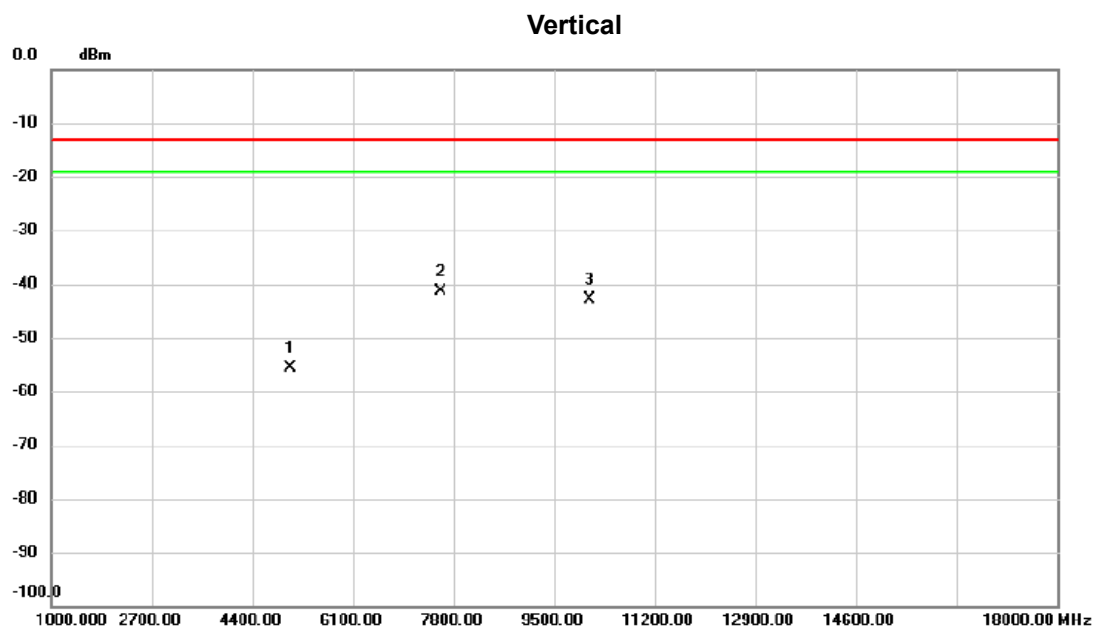
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3447.150	-40.99	-6.14	-47.13	-13.00	-34.13	RMS	
2		5170.950	-59.86	-2.01	-61.87	-13.00	-48.87	RMS	
3		6894.750	-56.36	0.96	-55.40	-13.00	-42.40	RMS	
4		8617.700	-49.94	2.57	-47.37	-13.00	-34.37	RMS	

Test Mode: LTE Band 4_TX Mode _20M



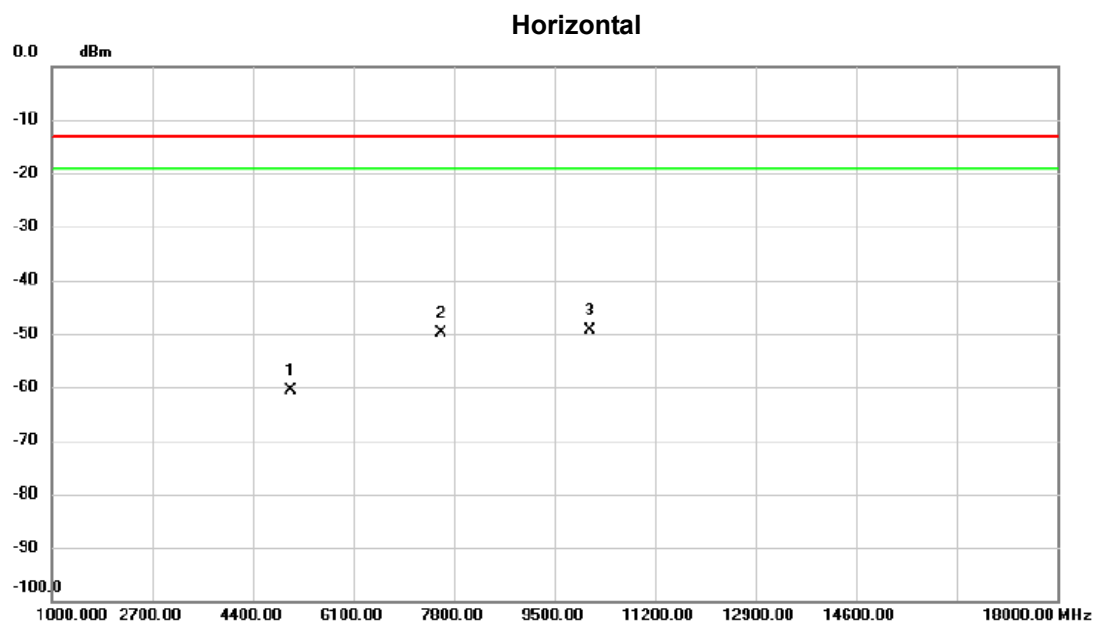
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3447.150	-53.30	-6.08	-59.38	-13.00	-46.38	RMS	
2		5170.950	-62.54	-2.16	-64.70	-13.00	-51.70	RMS	
3		6894.750	-58.23	0.94	-57.29	-13.00	-44.29	RMS	
4	*	8617.700	-55.35	2.26	-53.09	-13.00	-40.09	RMS	

Test Mode: LTE Band 7_TX Mode _20M



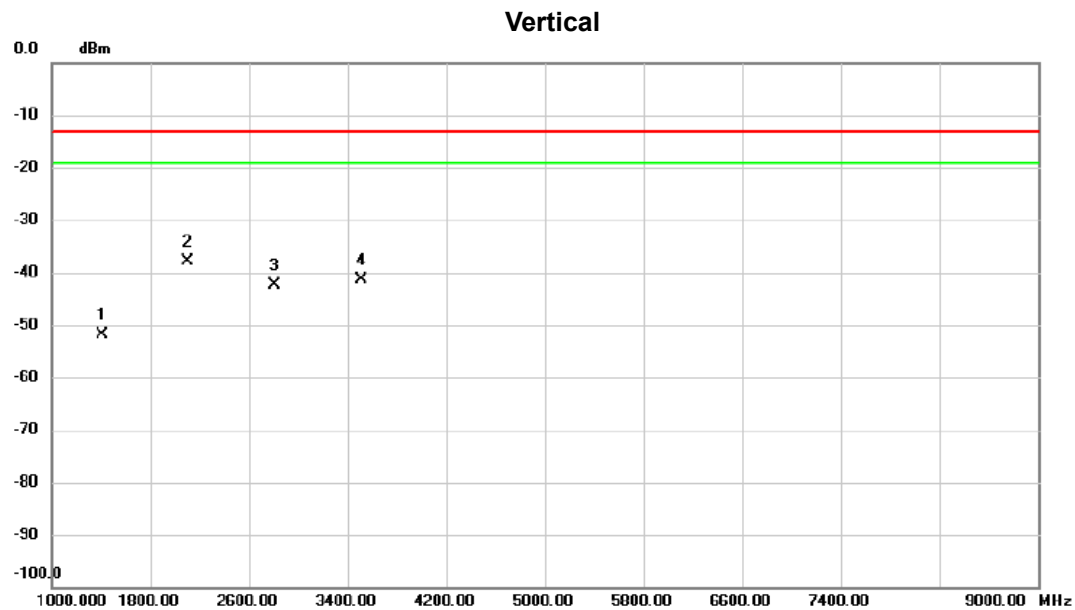
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5051.950	-53.26	-2.33	-55.59	-13.00	-42.59	RMS	
2	*	7578.150	-43.71	2.22	-41.49	-13.00	-28.49	RMS	
3		10104.35	-47.96	4.98	-42.98	-13.00	-29.98	RMS	

Test Mode:	LTE Band 7_TX Mode _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		5051.950	-58.10	-2.50	-60.60	-13.00	-47.60	RMS	
2		7578.150	-52.07	2.32	-49.75	-13.00	-36.75	RMS	
3	*	10104.35	-54.30	5.02	-49.28	-13.00	-36.28	RMS	

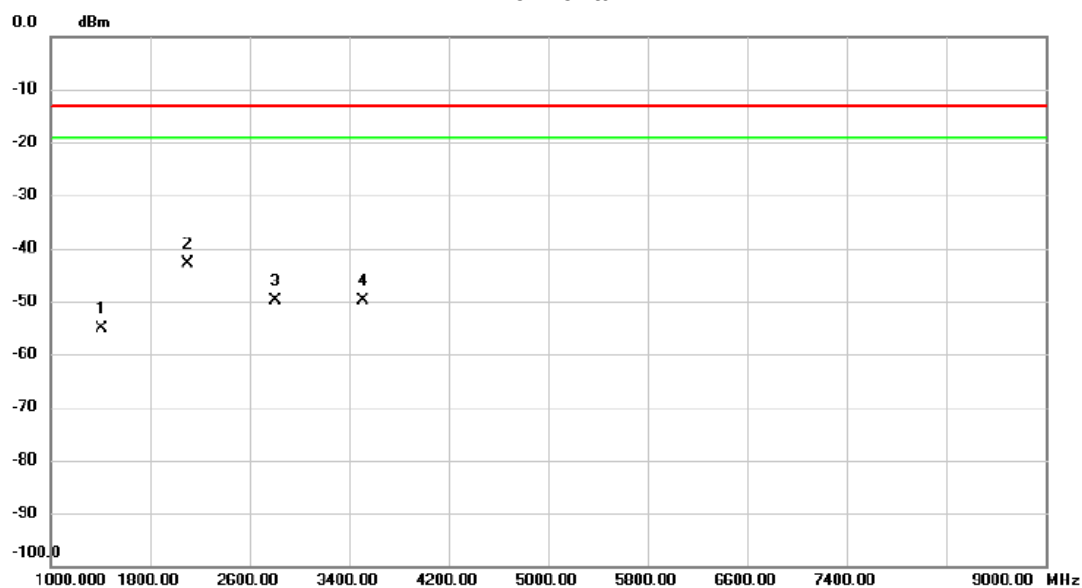
Test Mode:	LTE Band 12_ TX Mode _10M
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1406.400	-42.06	-9.92	-51.98	-13.00	-38.98	RMS	
2	*	2109.200	-29.92	-7.91	-37.83	-13.00	-24.83	RMS	
3		2812.000	-35.59	-6.86	-42.45	-13.00	-29.45	RMS	
4		3515.200	-35.70	-5.71	-41.41	-13.00	-28.41	RMS	

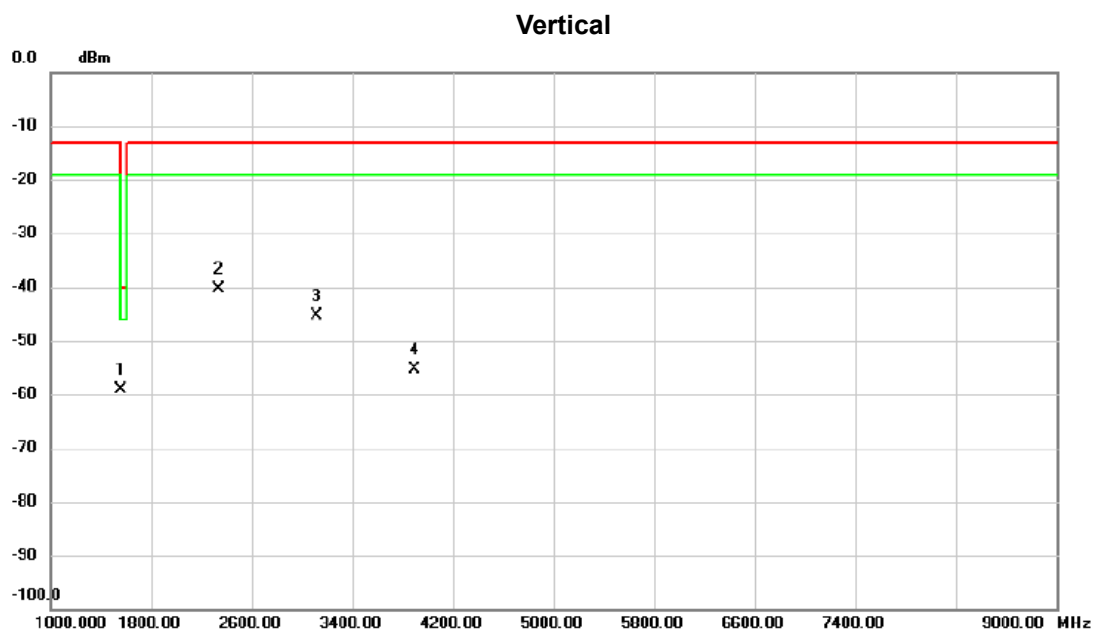
Test Mode: LTE Band 12_ TX Mode _10M

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1406.400	-44.94	-10.19	-55.13	-13.00	-42.13	RMS	
2	*	2109.200	-35.21	-7.77	-42.98	-13.00	-29.98	RMS	
3		2812.000	-43.19	-6.69	-49.88	-13.00	-36.88	RMS	
4		3515.600	-44.14	-5.64	-49.78	-13.00	-36.78	RMS	

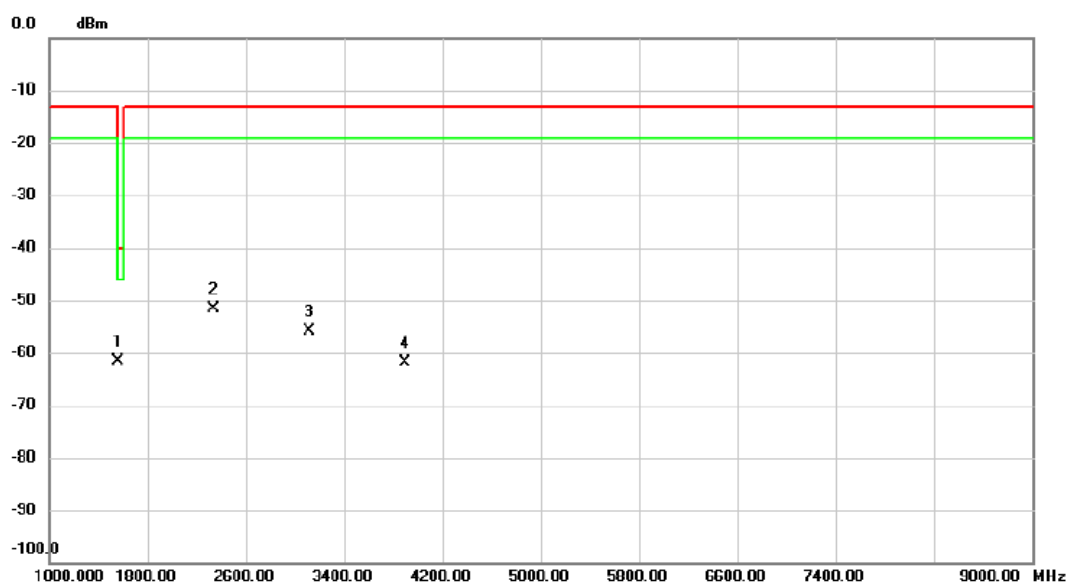
Test Mode: LTE Band 13_ TX Mode _5M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1559.600	-48.59	-10.47	-59.06	-40.00	-19.06	RMS	
2		2339.600	-32.59	-7.66	-40.25	-13.00	-27.25	RMS	
3		3119.200	-39.32	-6.17	-45.49	-13.00	-32.49	RMS	
4		3899.200	-50.97	-4.42	-55.39	-13.00	-42.39	RMS	

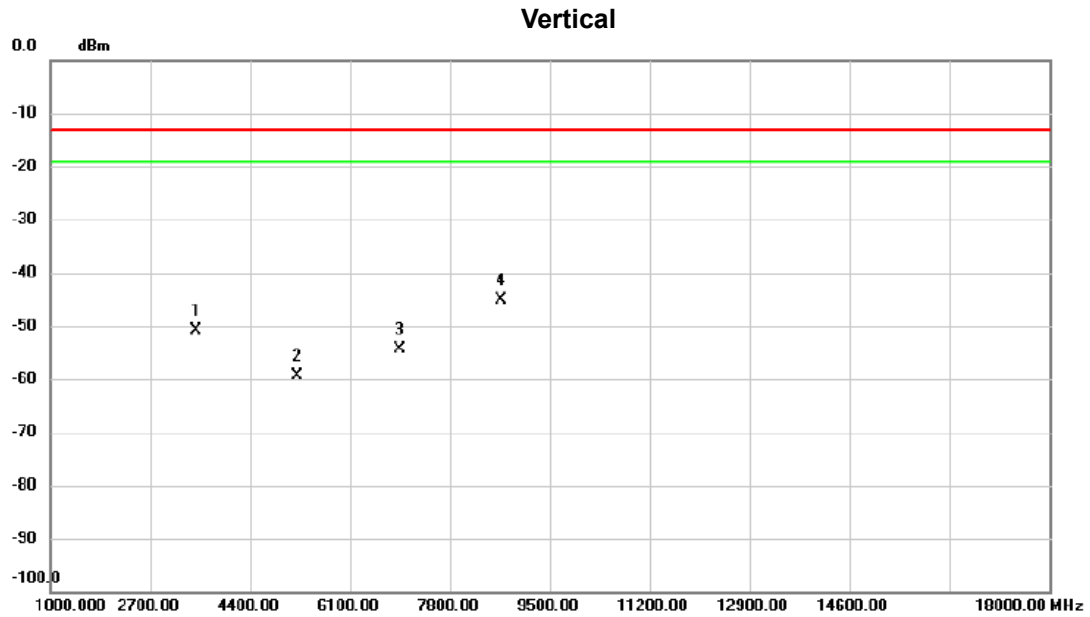
Test Mode: LTE Band 13_ TX Mode _5M

Horizontal



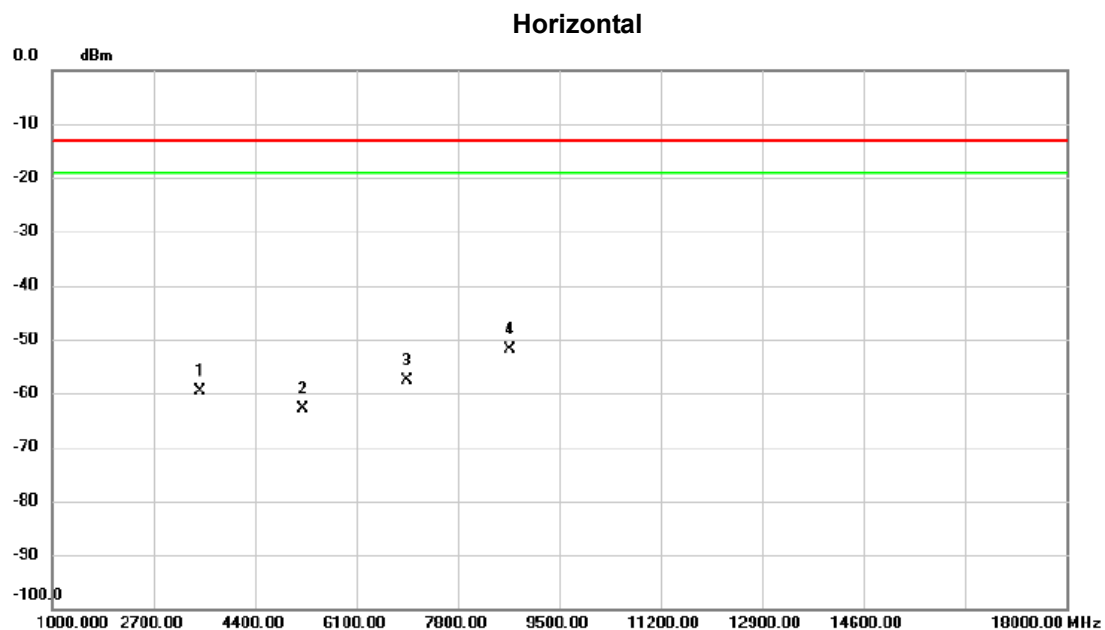
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	1559.600	-50.99	-10.66	-61.65	-40.00	-21.65	RMS	
2		2339.600	-44.02	-7.55	-51.57	-13.00	-38.57	RMS	
3		3119.200	-49.83	-6.16	-55.99	-13.00	-42.99	RMS	
4		3899.600	-57.48	-4.46	-61.94	-13.00	-48.94	RMS	

Test Mode:	LTE Band 66_TX Mode _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		3471.800	-44.94	-5.99	-50.93	-13.00	-37.93	RMS	
2		5208.350	-57.33	-1.94	-59.27	-13.00	-46.27	RMS	
3		6944.050	-55.53	1.08	-54.45	-13.00	-41.45	RMS	
4	*	8680.600	-47.64	2.60	-45.04	-13.00	-32.04	RMS	

Test Mode: LTE Band 66_TX Mode _20M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3471.800	-53.60	-5.92	-59.52	-13.00	-46.52	RMS	
2		5208.350	-60.70	-2.09	-62.79	-13.00	-49.79	RMS	
3		6944.050	-58.79	1.05	-57.74	-13.00	-44.74	RMS	
4	*	8680.600	-54.27	2.38	-51.89	-13.00	-38.89	RMS	

APPENDIX G - BAND EDGE

