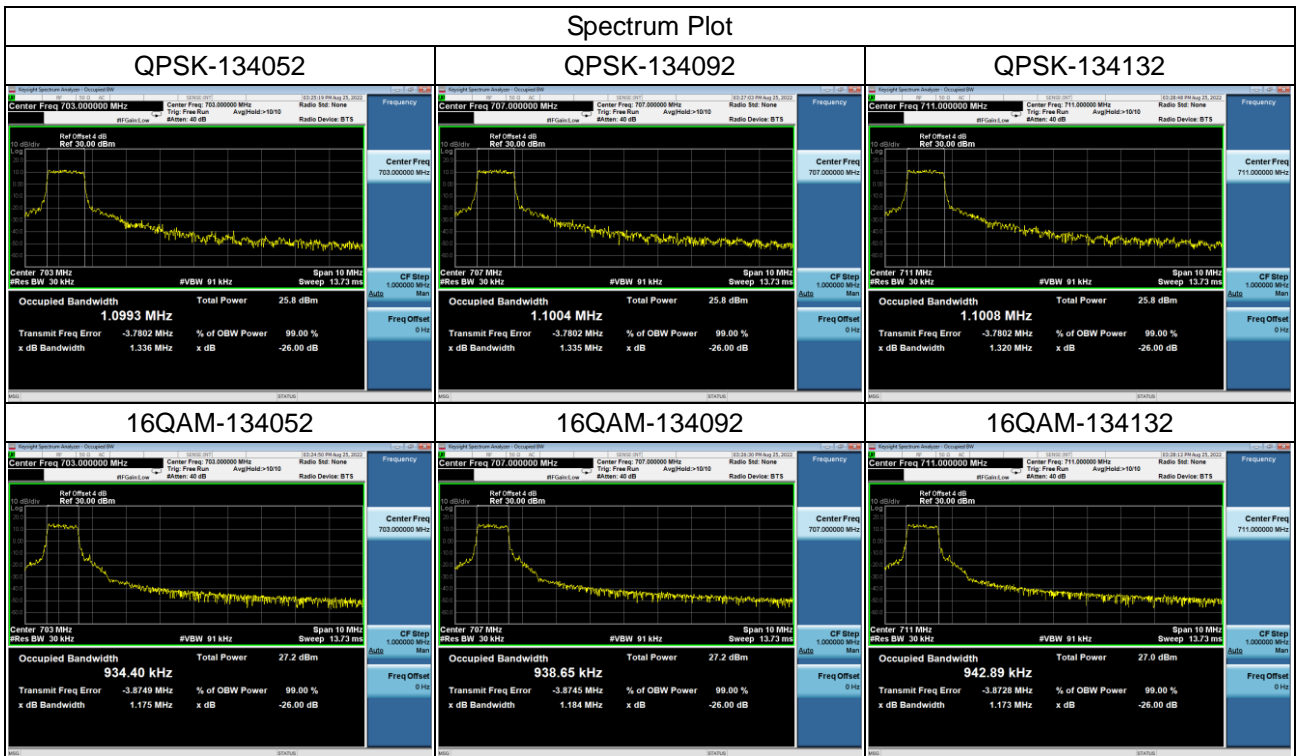
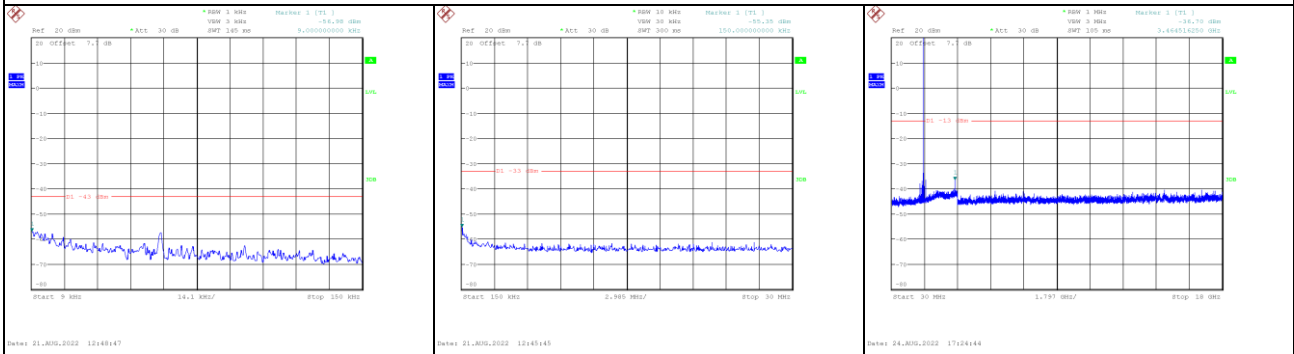


LTE Band 85_10MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
134052	703	1.0993	0.9344	1.336	1.175
134092	707	1.1004	0.9387	1.335	1.184
134132	711	1.1008	0.9429	1.320	1.173

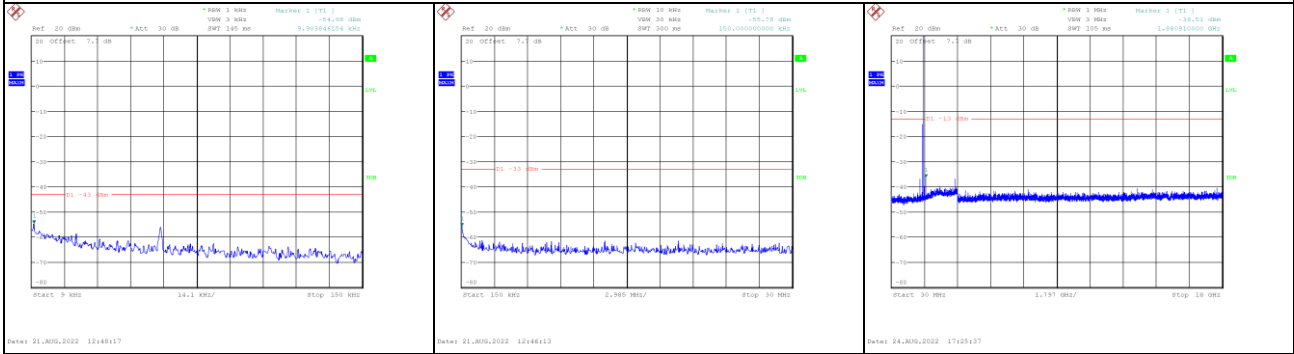


## APPENDIX C - CONDUCTED SPURIOUS EMISSIONS

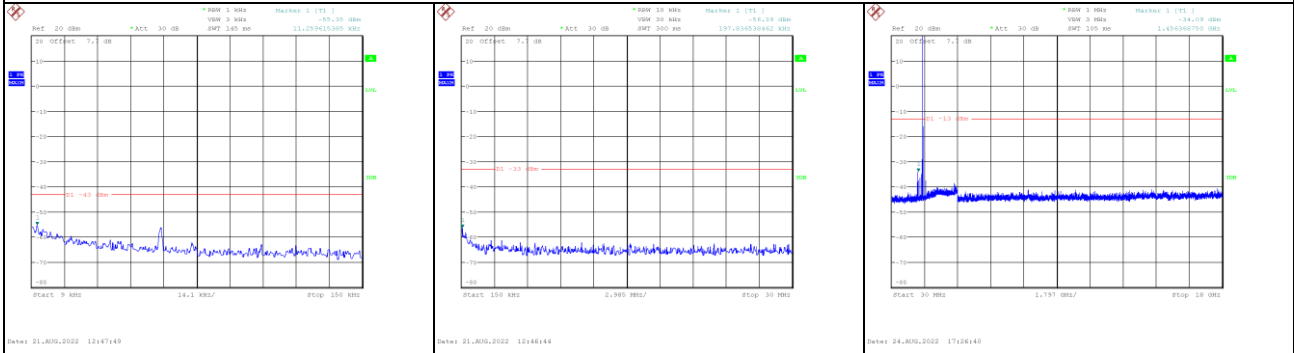
### LTE Band 4\_1.4MHz\_CH20175 Spectrum Plot



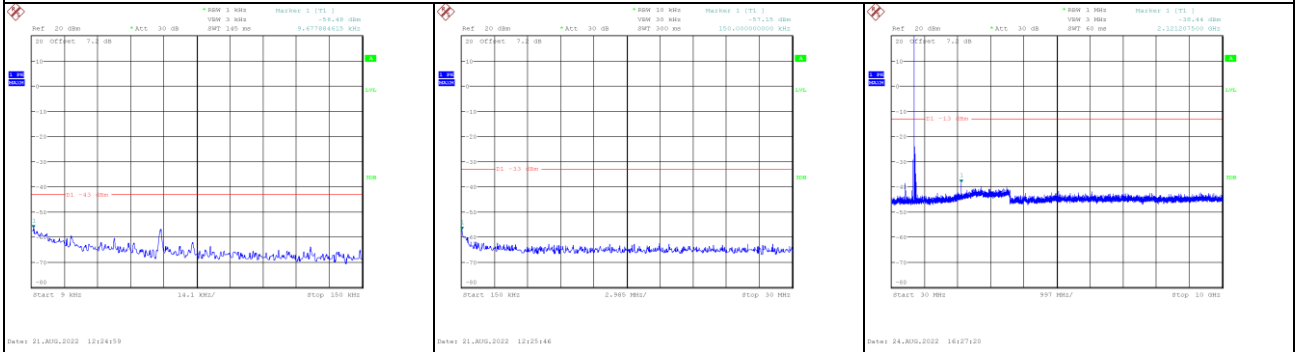
### LTE Band 4\_5MHz\_CH20175 Spectrum Plot



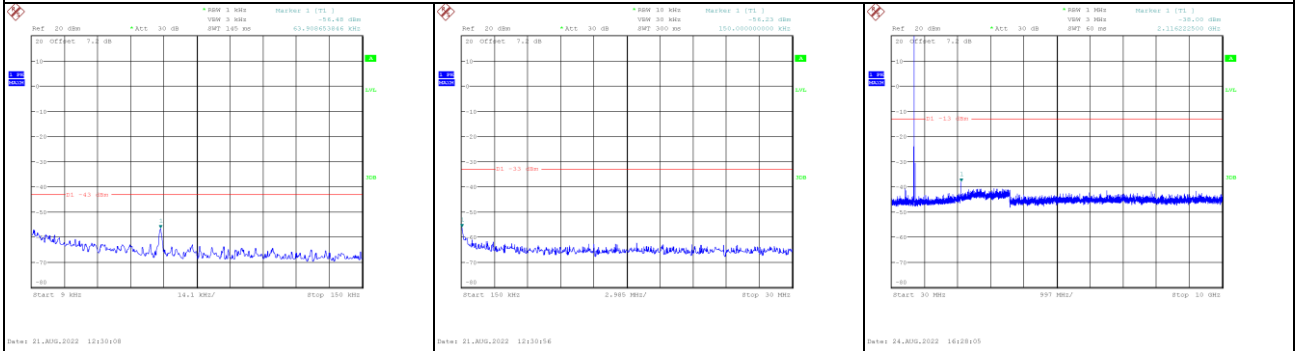
### LTE Band 4\_20MHz\_CH20175 Spectrum Plot



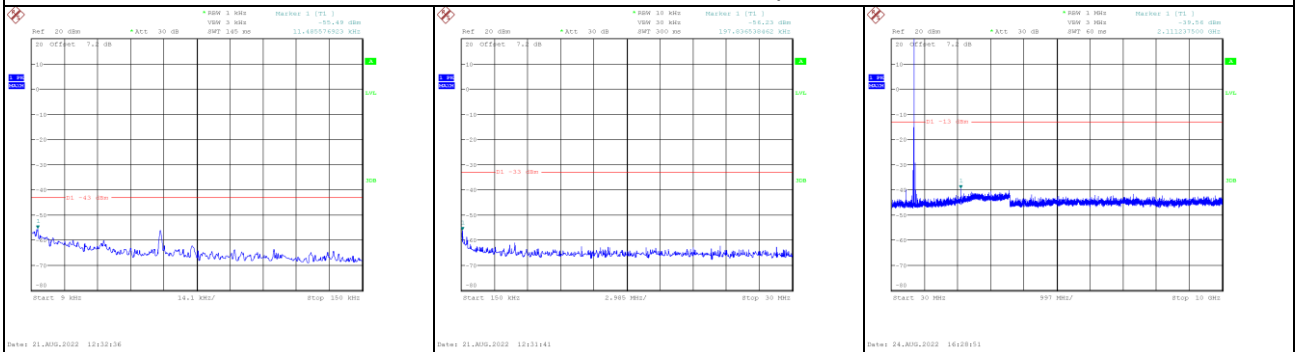
### LTE Band 12\_1.4MHz\_CH23095 Spectrum Plot



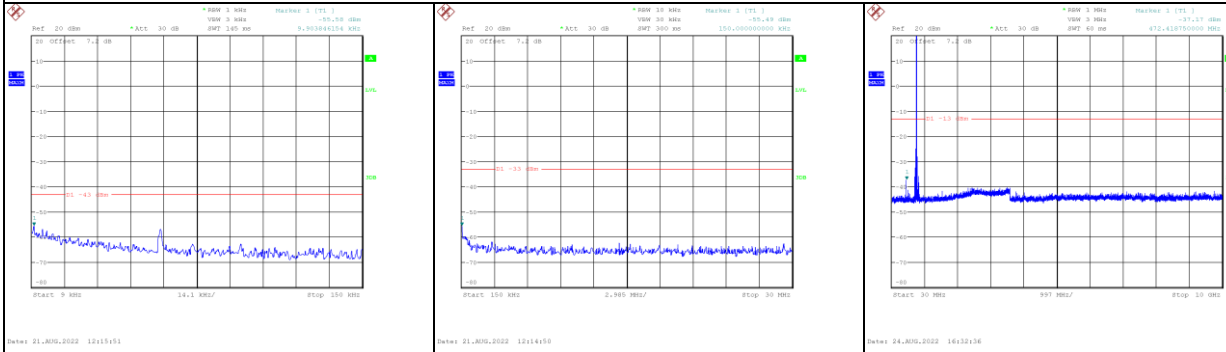
### LTE Band 12\_5MHz\_CH23095 Spectrum Plot



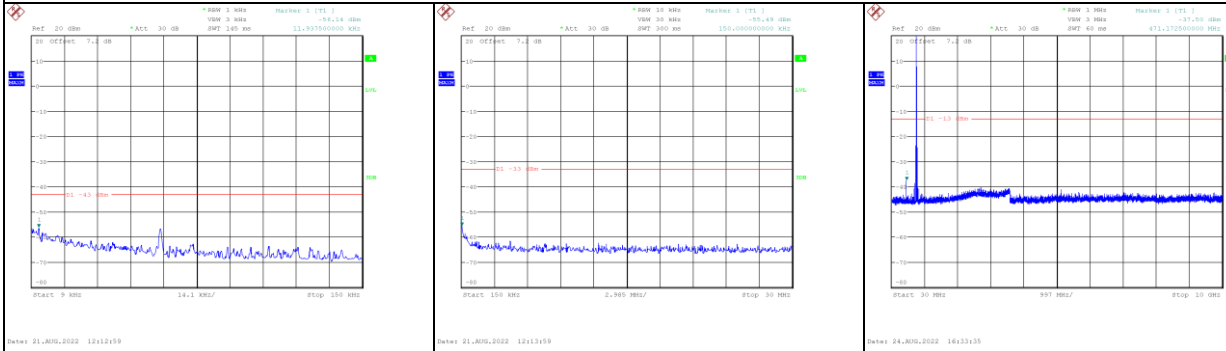
### LTE Band 12\_10MHz\_CH23095 Spectrum Plot



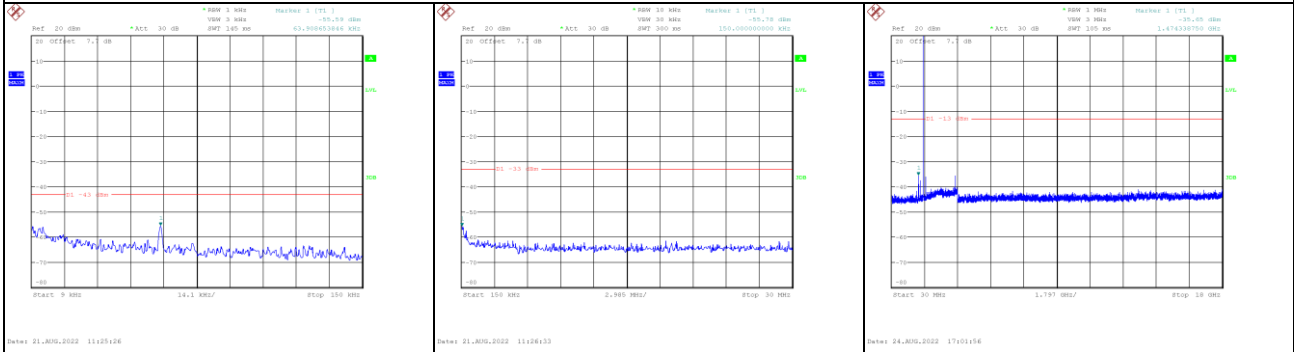
### LTE Band 13\_5MHz\_CH23230 Spectrum Plot



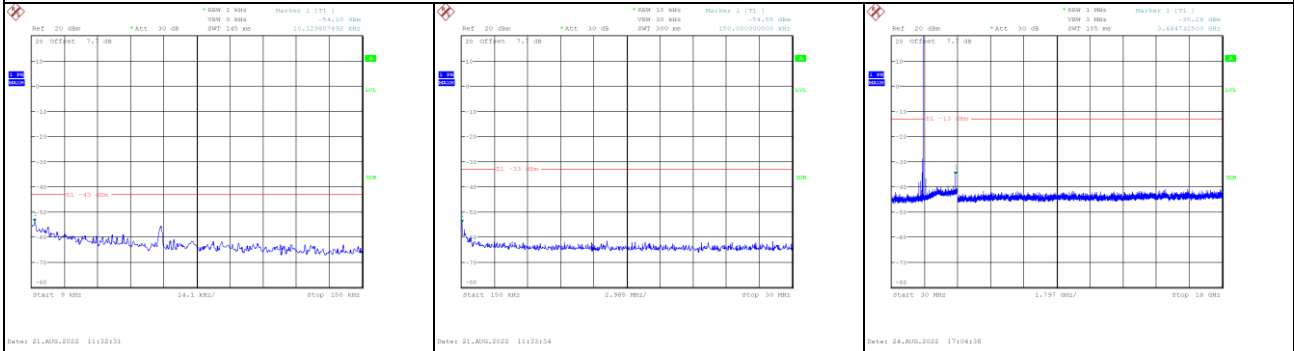
### LTE Band 13\_10MHz\_CH23230 Spectrum Plot



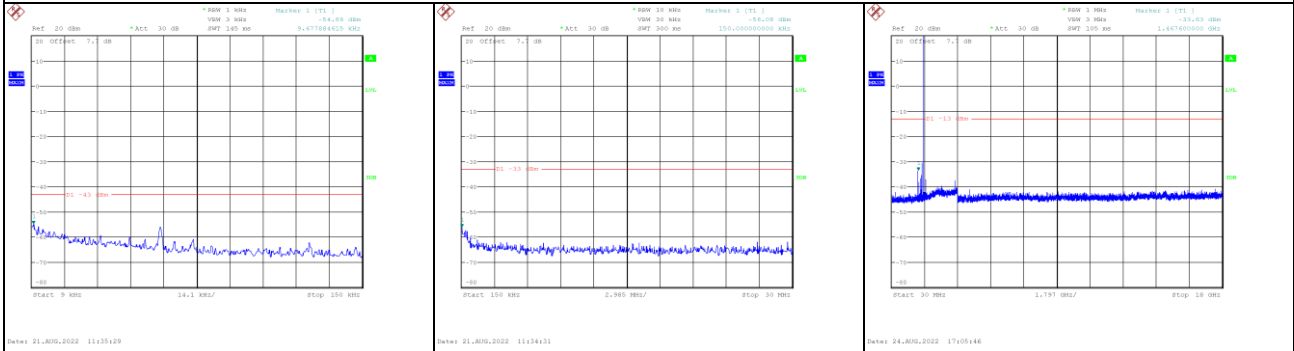
### LTE Band 66\_1.4MHz\_CH132322 Spectrum Plot



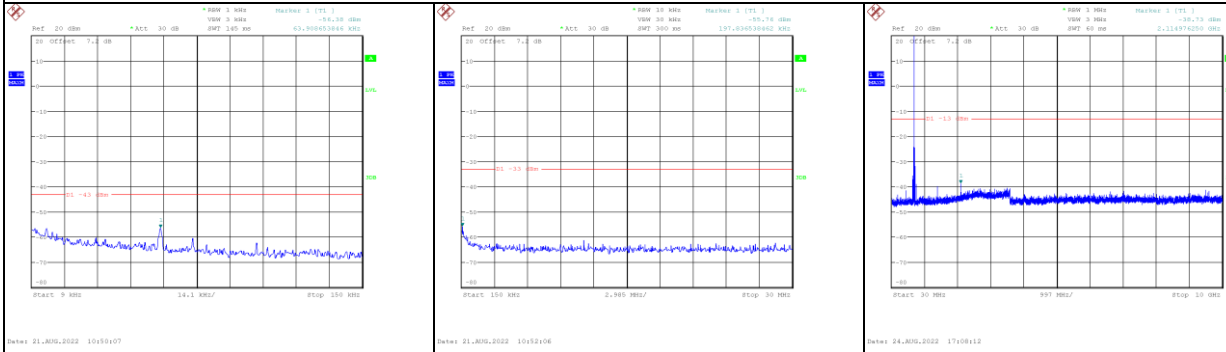
### LTE Band 66\_5MHz\_CH132322 Spectrum Plot



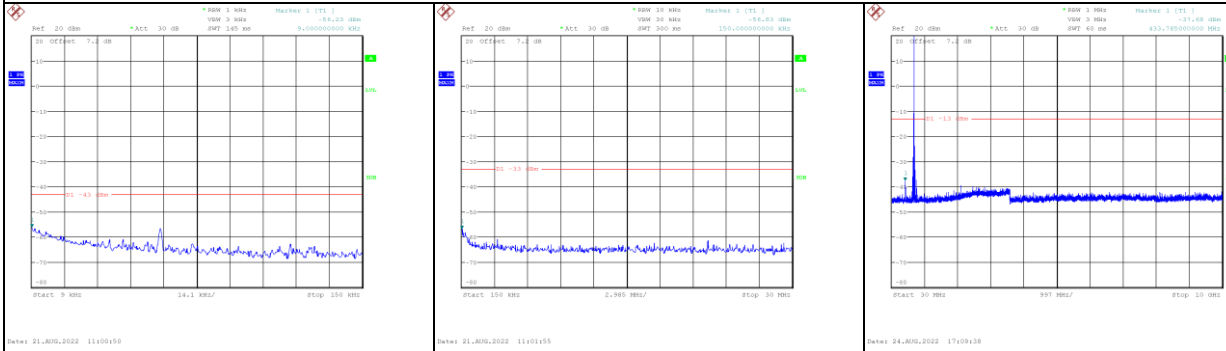
### LTE Band 66\_20MHz\_CH132322 Spectrum Plot



### LTE Band 85\_5MHz\_CH134092 Spectrum Plot



### LTE Band 85\_10MHz\_CH134092 Spectrum Plot



## **APPENDIX D - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)**



The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

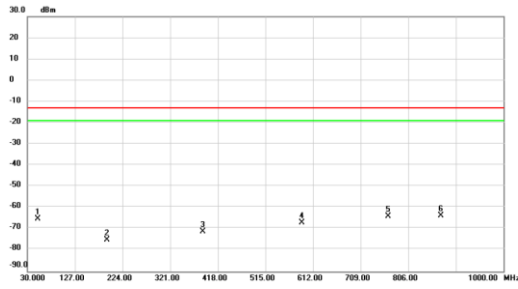
There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

## **APPENDIX E - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1GHZ)**

Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

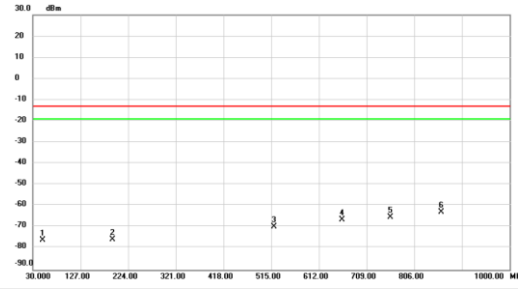
Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

**Vertical**



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	50.8550	-53.04	-12.12	-65.16	-13.00	-52.16	peak	
2	191.9900	-60.61	-14.58	-75.19	-13.00	-62.19	peak	
3	387.9300	-61.98	-9.34	-71.32	-13.00	-58.32	peak	
4	589.2050	-62.14	-4.85	-66.99	-13.00	-53.99	peak	
5	764.7750	-62.21	-1.90	-64.11	-13.00	-51.11	peak	
6 *	871.9600	-62.63	-0.97	-63.60	-13.00	-50.60	peak	

**Horizontal**

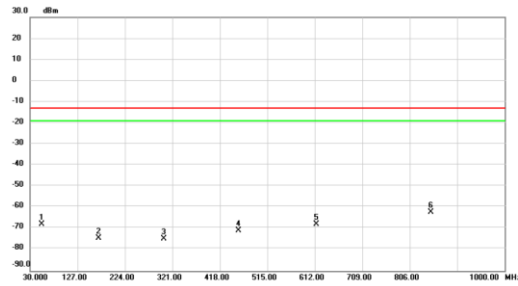


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	49.4000	-63.99	-12.10	-76.09	-13.00	-63.09	peak	
2	191.9900	-61.06	-14.58	-75.64	-13.00	-62.64	peak	
3	520.8200	-63.36	-6.37	-69.73	-13.00	-66.73	peak	
4	659.5300	-62.86	-3.59	-66.45	-13.00	-53.45	peak	
5	757.9850	-63.28	-1.92	-65.20	-13.00	-52.20	peak	
6 *	881.2900	-61.86	-1.13	-62.99	-13.00	-49.99	peak	

Test Mode : LTE Band 4\_TX CH20175\_5MHz

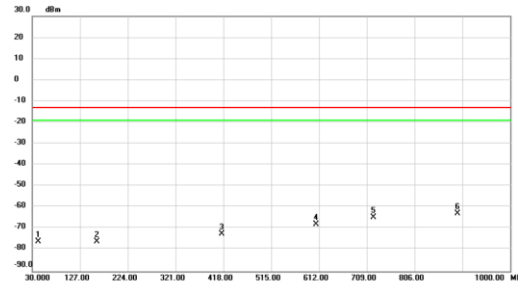
Test Mode : LTE Band 4\_TX CH20175\_5MHz

**Vertical**



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	54.2500	-55.90	-12.19	-68.09	-13.00	-55.09	peak	
2	170.1650	-62.48	-12.15	-74.63	-13.00	-61.63	peak	
3	304.0250	-63.46	-11.27	-74.73	-13.00	-61.73	peak	
4	456.3150	-63.61	-7.49	-71.10	-13.00	-58.10	peak	
5	614.9100	-63.73	-4.27	-68.00	-13.00	-55.00	peak	
6 *	848.6800	-60.84	-1.29	-62.13	-13.00	-49.13	peak	

**Horizontal**

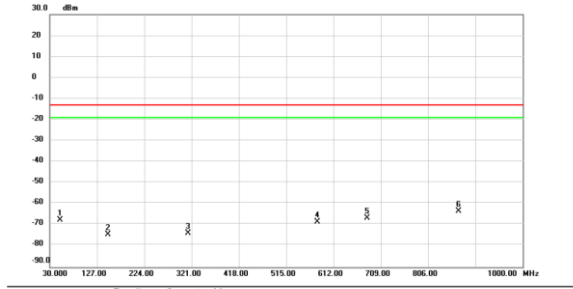


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	42.6100	-63.57	-12.45	-76.02	-13.00	-63.02	peak	
2	160.9500	-64.43	-11.75	-76.18	-13.00	-63.18	peak	
3	414.6050	-63.79	-8.69	-72.48	-13.00	-59.48	peak	
4	606.6650	-63.63	-4.44	-68.07	-13.00	-55.07	peak	
5	722.5800	-61.74	-2.80	-64.54	-13.00	-51.54	peak	
6 *	893.7850	-62.11	-0.67	-62.78	-13.00	-49.78	peak	

Test Mode : LTE Band 4\_TX CH20175\_20MHz

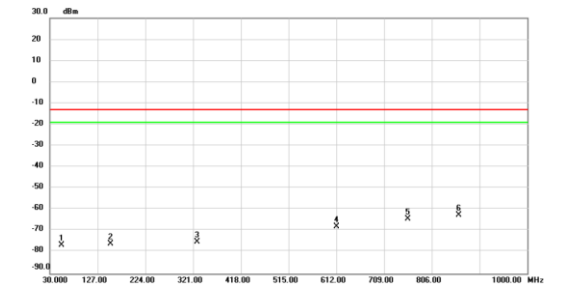
Test Mode : LTE Band 4\_TX CH20175\_20MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	51.8250	-55.69	-12.13	-67.72	-13.00	-54.72	peak	
2	149.7950	-62.76	-11.85	-74.61	-13.00	-61.61	peak	
3	313.7250	-63.13	-10.97	-74.10	-13.00	-61.10	peak	
4	578.5350	-63.42	-5.14	-68.56	-13.00	-55.56	peak	
5	681.3550	-63.26	-3.56	-66.82	-13.00	-53.82	peak	
6 *	868.0800	-62.51	-1.03	-63.54	-13.00	-50.54	peak	

Horizontal

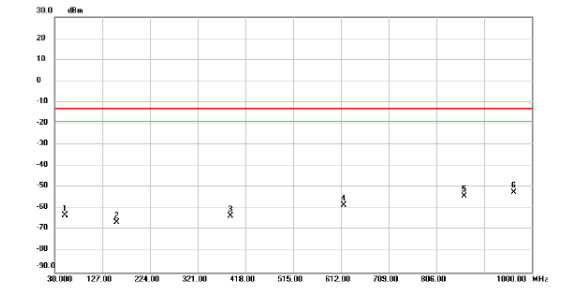


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	53.2800	-64.45	-12.18	-76.63	-13.00	-63.63	peak	
2	153.6750	-64.25	-11.78	-76.03	-13.00	-63.03	peak	
3	329.7300	-64.50	-10.58	-75.08	-13.00	-62.08	peak	
4	612.9700	-63.78	-4.31	-68.09	-13.00	-55.09	peak	
5	757.9850	-62.44	-1.92	-64.36	-13.00	-51.36	peak	
6 *	861.2000	-61.52	-1.13	-62.65	-13.00	-49.65	peak	

Test Mode : LTE Band 12\_TX CH23095\_1.4MHz

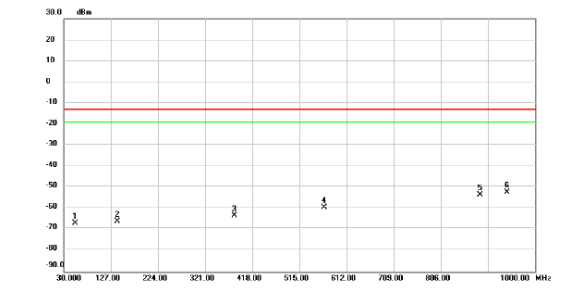
Test Mode : LTE Band 12\_TX CH23095\_1.4MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	51.825	-60.26	-2.87	-63.13	-13.00	-50.13	peak	
2	156.100	-56.96	-9.36	-66.32	-13.00	-53.32	peak	
3	386.960	-60.44	-2.92	-63.36	-13.00	-50.36	peak	
4	617.335	-59.19	0.78	-58.41	-13.00	-45.41	peak	
5	861.775	-57.72	3.67	-54.05	-13.00	-41.05	peak	
6 *	963.625	-56.59	4.19	-52.40	-13.00	-39.40	peak	

Horizontal

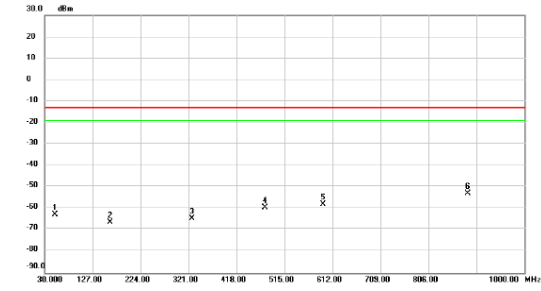


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	54.250	-67.58	0.53	-67.05	-13.00	-54.05	peak	
2	140.095	-55.03	-11.09	-66.12	-13.00	-53.12	peak	
3	381.625	-60.15	-3.36	-63.51	-13.00	-50.51	peak	
4	565.925	-58.85	-0.71	-59.56	-13.00	-46.56	peak	
5	866.510	-57.01	3.59	-53.42	-13.00	-40.42	peak	
6 *	942.770	-56.26	3.79	-52.47	-13.00	-39.47	peak	

Test Mode : LTE Band 12\_TX CH23095\_5MHz

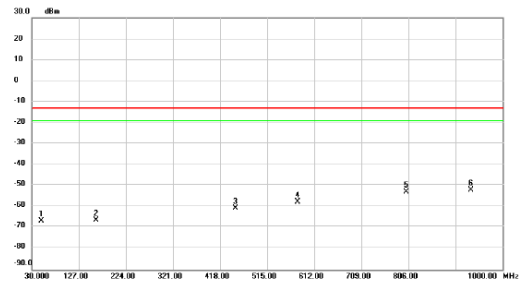
Test Mode : LTE Band 12\_TX CH23095\_5MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	50.855	-60.00	-2.83	-62.83	-13.00	-49.83	peak	
2	162.890	-57.64	-8.85	-66.49	-13.00	-53.49	peak	
3	328.275	-60.12	-4.64	-64.76	-13.00	-51.76	peak	
4	475.230	-57.35	-2.17	-59.52	-13.00	-46.52	peak	
5	592.600	-68.39	0.32	-68.07	-13.00	-45.07	peak	
6 *	885.055	-66.83	3.90	-62.93	-13.00	-39.93	peak	

Horizontal

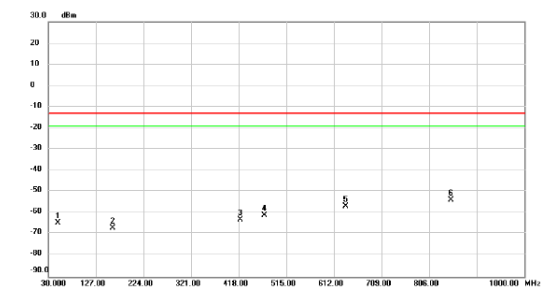


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	49.400	-66.12	-0.69	-66.81	-13.00	-53.81	peak	
2	162.405	-55.63	-10.95	-66.58	-13.00	-53.58	peak	
3	449.525	-58.11	-2.50	-60.61	-13.00	-47.61	peak	
4	577.080	-57.17	-0.43	-57.60	-13.00	-44.60	peak	
5	801.635	-55.44	2.43	-53.01	-13.00	-40.01	peak	
6 *	934.040	-55.78	3.77	-52.01	-13.00	-39.01	peak	

Test Mode : LTE Band 12\_TX CH23095\_10MHz

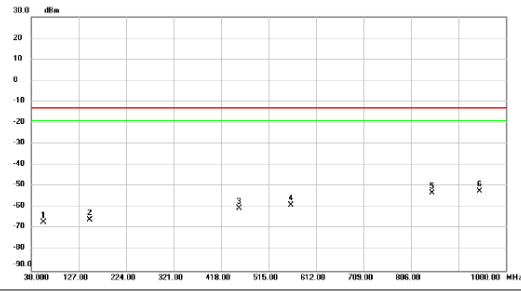
Test Mode : LTE Band 12\_TX CH23095\_10MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	50.370	-61.85	-2.81	-64.66	-13.00	-51.66	peak	
2	161.435	-58.12	-8.90	-67.02	-13.00	-54.02	peak	
3	421.395	-60.79	-2.34	-63.13	-13.00	-50.13	peak	
4	470.885	-58.91	-2.24	-61.15	-13.00	-48.15	peak	
5	636.250	-57.79	1.05	-56.74	-13.00	-43.74	peak	
6 *	850.135	-57.45	3.55	-53.90	-13.00	-40.90	peak	

Horizontal

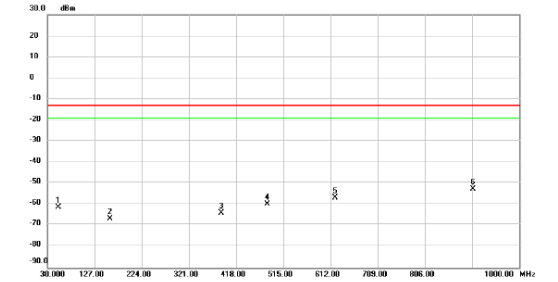


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	55.220	-67.71	0.59	-67.12	-13.00	-54.12	peak	
2	149.795	-54.65	-11.29	-65.94	-13.00	-52.94	peak	
3	455.345	-57.70	-2.65	-60.35	-13.00	-47.35	peak	
4	561.560	-58.16	-0.82	-58.98	-13.00	-45.98	peak	
5	848.680	-56.47	3.31	-53.16	-13.00	-40.16	peak	
6 *	946.165	-56.24	3.80	-52.44	-13.00	-39.44	peak	

Test Mode : LTE Band 13\_TX CH23230\_5MHz

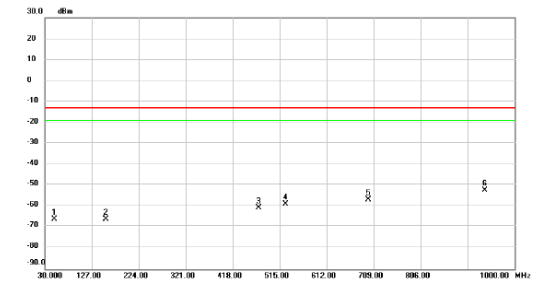
Test Mode : LTE Band 13\_TX CH23230\_5MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	52.795	-58.31	-2.92	-61.23	-13.00	-48.23	peak	
2	159.525	-57.69	-9.11	-66.80	-13.00	-53.80	peak	
3	387.930	-61.07	-2.98	-63.95	-13.00	-50.95	peak	
4	482.505	-57.91	-2.03	-59.94	-13.00	-46.94	peak	
5	622.185	-57.78	0.85	-56.93	-13.00	-43.93	peak	
6 *	905.425	-56.71	4.05	-52.66	-13.00	-39.66	peak	

Horizontal

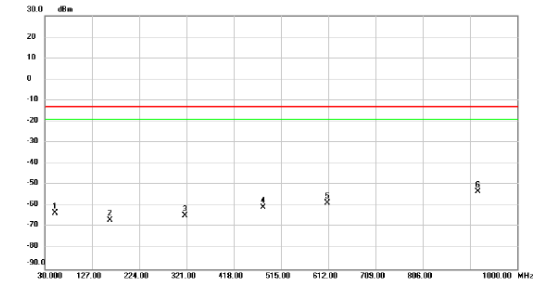


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	49.885	-65.97	-0.23	-66.20	-13.00	-53.20	peak	
2	156.100	-55.00	-11.09	-66.09	-13.00	-53.09	peak	
3	471.835	-58.44	-2.32	-60.76	-13.00	-47.76	peak	
4	526.640	-57.72	-1.30	-59.02	-13.00	-46.02	peak	
5	697.360	-57.70	0.91	-56.79	-13.00	-43.79	peak	
6 *	938.405	-56.23	3.78	-52.45	-13.00	-39.45	peak	

Test Mode : LTE Band 13\_TX CH23230\_10MHz

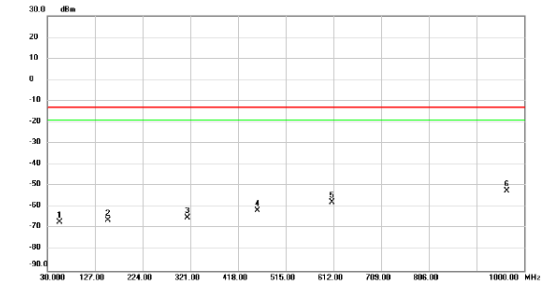
Test Mode : LTE Band 13\_TX CH23230\_10MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	51.825	-60.59	-2.87	-63.46	-13.00	-50.46	peak	
2	163.860	-57.88	-8.82	-66.70	-13.00	-53.70	peak	
3	317.120	-59.60	-4.94	-64.54	-13.00	-51.54	peak	
4	477.655	-58.51	-2.14	-60.65	-13.00	-47.65	peak	
5	610.060	-59.34	0.67	-58.67	-13.00	-45.67	peak	
6 *	918.520	-57.17	4.06	-53.11	-13.00	-40.11	peak	

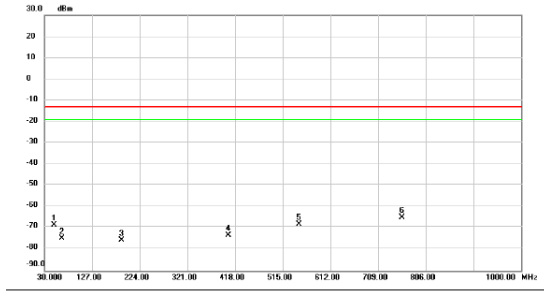
Horizontal



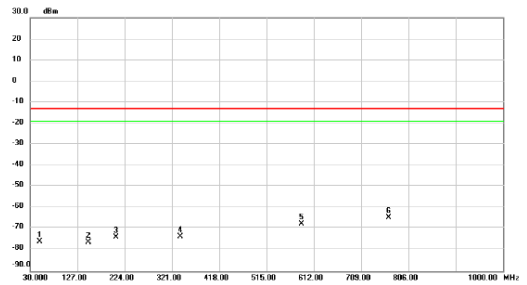
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	54.735	-67.65	0.60	-67.05	-13.00	-54.05	peak	
2	153.190	-54.94	-11.19	-66.13	-13.00	-53.13	peak	
3	315.665	-60.81	-4.15	-64.96	-13.00	-51.96	peak	
4	456.800	-59.04	-2.69	-61.73	-13.00	-48.73	peak	
5	608.605	-57.98	0.36	-57.62	-13.00	-44.62	peak	
6 *	964.110	-56.22	4.00	-52.22	-13.00	-39.22	peak	

Test Mode : LTE Band 66\_TX CH132322\_1.4MHz

Test Mode : LTE Band 66\_TX CH132322\_1.4MHz

**Vertical**


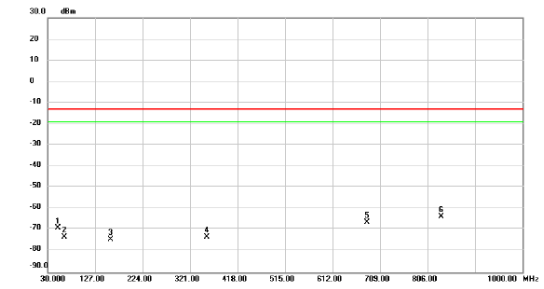
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	50.370	-65.83	-2.81	-68.64	-13.00	-55.64	peak	
2	65.405	-74.89	0.19	-74.70	-13.00	-61.70	peak	
3	187.140	-68.36	-7.32	-75.68	-13.00	-62.68	peak	
4	403.935	-70.84	-2.36	-73.20	-13.00	-60.20	peak	
5	547.495	-67.34	-0.89	-68.23	-13.00	-55.23	peak	
6 *	757.500	-67.35	2.25	-65.10	-13.00	-52.10	peak	

**Horizontal**


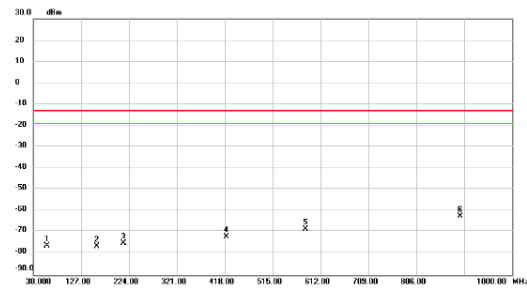
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	50.370	-76.03	-0.06	-76.09	-13.00	-63.09	peak	
2	149.795	-65.00	-11.29	-76.29	-13.00	-63.29	peak	
3	207.025	-67.31	-6.64	-73.95	-13.00	-60.95	peak	
4	337.975	-70.06	-3.55	-73.61	-13.00	-60.61	peak	
5	587.265	-67.58	-0.17	-67.75	-13.00	-54.75	peak	
6 *	764.775	-66.87	2.29	-64.58	-13.00	-51.58	peak	

Test Mode : LTE Band 66\_TX CH132322\_5MHz

Test Mode : LTE Band 66\_TX CH132322\_5MHz

**Vertical**


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	51.825	-66.37	-2.87	-69.24	-13.00	-56.24	peak	
2	64.435	-73.28	-0.08	-73.36	-13.00	-60.36	peak	
3	159.010	-65.47	-9.05	-74.52	-13.00	-61.52	peak	
4	354.950	-69.28	-4.07	-73.35	-13.00	-60.35	peak	
5	682.325	-67.63	1.15	-66.48	-13.00	-53.48	peak	
6 *	834.130	-67.05	3.25	-63.80	-13.00	-50.80	peak	

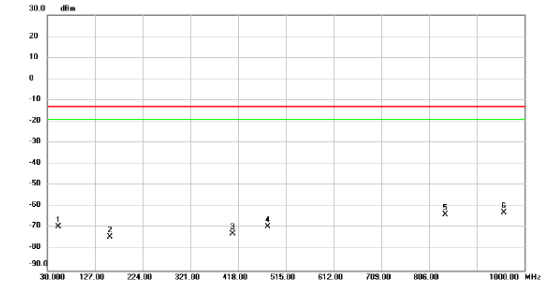
**Horizontal**


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	57.160	-76.46	0.13	-76.33	-13.00	-63.33	peak	
2	158.040	-65.53	-11.03	-76.56	-13.00	-63.56	peak	
3	212.360	-68.41	-6.69	-75.10	-13.00	-62.10	peak	
4	420.910	-69.13	-2.90	-72.03	-13.00	-59.03	peak	
5	581.930	-68.33	-0.30	-68.63	-13.00	-55.63	peak	
6 *	894.270	-66.21	3.65	-62.56	-13.00	-49.56	peak	

Test Mode : LTE Band 66\_TX CH132322\_20MHz

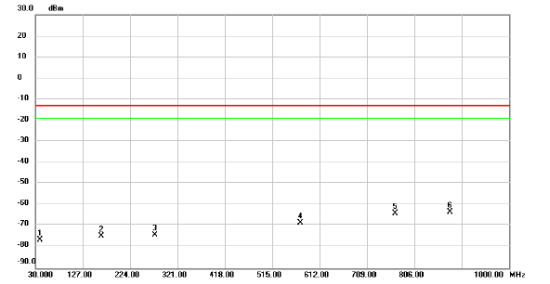
Test Mode : LTE Band 66\_TX CH132322\_20MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	52.310	-66.54	-2.90	-69.44	-13.00	-56.44	peak	
2	157.070	-65.10	-3.26	-74.36	-13.00	-61.36	peak	
3	406.845	-70.26	-2.36	-72.62	-13.00	-59.62	peak	
4	477.655	-67.40	-2.14	-69.54	-13.00	-56.54	peak	
5	839.465	-67.24	3.35	-63.89	-13.00	-50.89	peak	
6 *	958.290	-67.04	4.14	-62.90	-13.00	-49.90	peak	

Horizontal

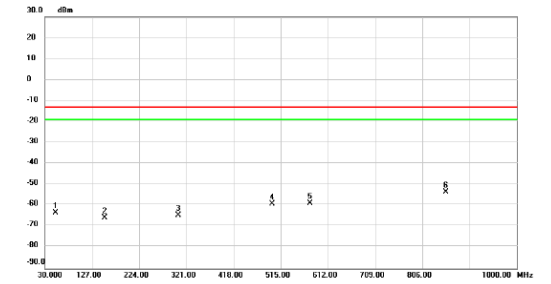


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	40.185	-68.47	-8.31	-76.78	-13.00	-63.78	peak	
2	164.830	-63.96	-10.93	-74.89	-13.00	-61.89	peak	
3	274.440	-68.67	-5.71	-74.38	-13.00	-61.38	peak	
4	572.230	-68.06	-0.55	-68.61	-13.00	-55.61	peak	
5	766.715	-66.38	2.29	-64.09	-13.00	-51.09	peak	
6 *	879.235	-66.85	3.54	-63.31	-13.00	-50.31	peak	

Test Mode : LTE Band 85\_TX CH134092\_5MHz

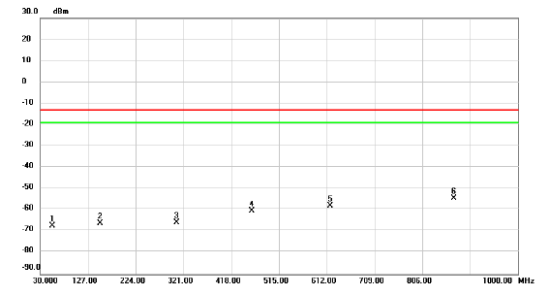
Test Mode : LTE Band 85\_TX CH134092\_5MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	52.310	-60.89	-2.90	-63.59	-13.00	-50.59	peak	
2	153.190	-56.06	-9.67	-65.73	-13.00	-52.73	peak	
3	304.510	-59.49	-5.01	-64.50	-13.00	-51.50	peak	
4	497.540	-57.77	-1.59	-59.36	-13.00	-46.36	peak	
5	575.140	-58.72	-0.16	-58.88	-13.00	-45.88	peak	
6 *	854.985	-57.08	3.60	-53.48	-13.00	-40.48	peak	

Horizontal



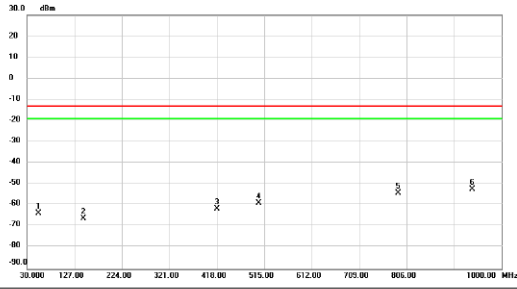
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	55.705	-67.89	0.47	-67.42	-13.00	-54.42	peak	
2	152.220	-54.91	-11.22	-66.13	-13.00	-53.13	peak	
3	307.905	-61.50	4.38	-65.88	-13.00	-52.88	peak	
4	460.195	-57.75	-2.77	-60.52	-13.00	-47.52	peak	
5	619.275	-58.56	0.60	-57.96	-13.00	-44.96	peak	
6 *	870.020	-57.97	3.47	-54.50	-13.00	-41.50	peak	



Test Mode : LTE Band 85\_TX CH134092\_10MHz

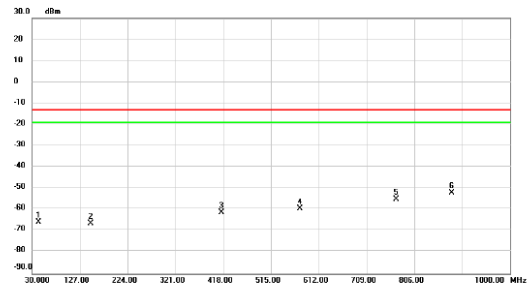
Test Mode : LTE Band 85\_TX CH134092\_10MHz

**Vertical**



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	53.280	-60.73	-2.94	-63.67	-13.00	-50.67	peak	
2	145.915	-56.45	-9.81	-66.26	-13.00	-53.26	peak	
3	418.970	-59.29	-2.38	-61.67	-13.00	-48.67	peak	
4	503.360	-57.56	-1.48	-59.04	-13.00	-46.04	peak	
5	788.055	-56.80	2.52	-54.28	-13.00	-41.28	peak	
6 *	939.860	-56.37	4.07	-52.30	-13.00	-39.30	peak	

**Horizontal**

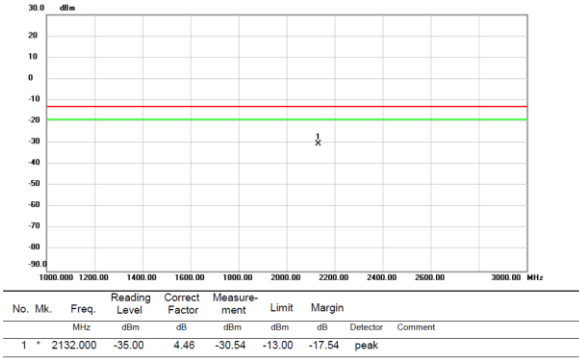


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	43.580	-60.02	-5.87	-65.89	-13.00	-52.89	peak	
2	149.795	-55.15	-11.29	-66.44	-13.00	-53.44	peak	
3	415.090	-58.53	-2.94	-61.47	-13.00	-48.47	peak	
4	573.200	-58.91	-0.53	-59.44	-13.00	-46.44	peak	
5	769.140	-57.22	2.30	-54.92	-13.00	-41.92	peak	
6 *	881.660	-55.55	3.56	-51.99	-13.00	-38.99	peak	

## **APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1GHZ)**

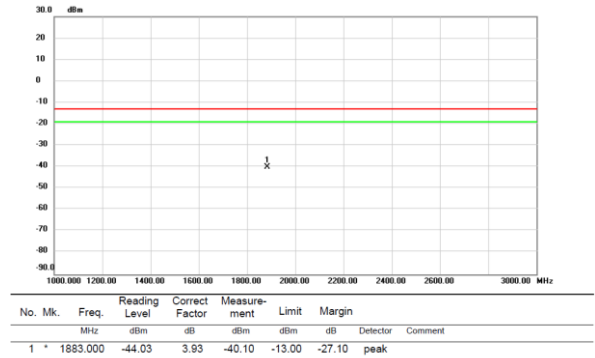
Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

**Vertical**



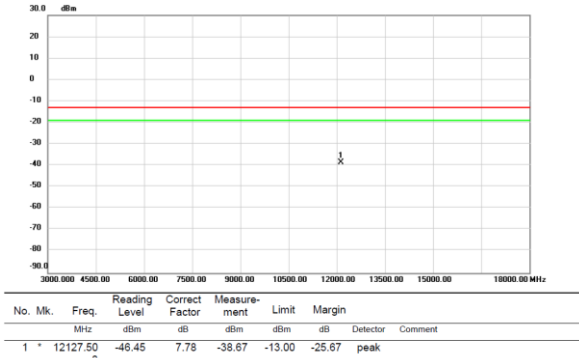
Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

**Horizontal**



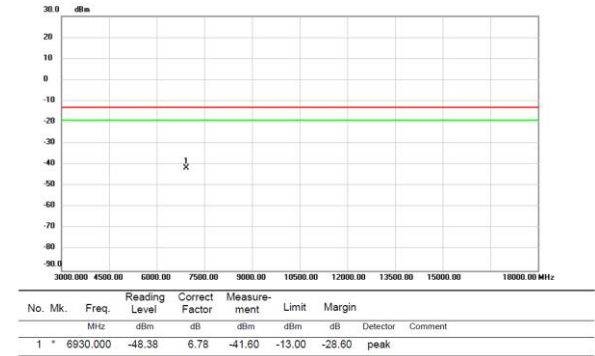
Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

**Vertical**



Test Mode : LTE Band 4\_TX CH20175\_1.4MHz

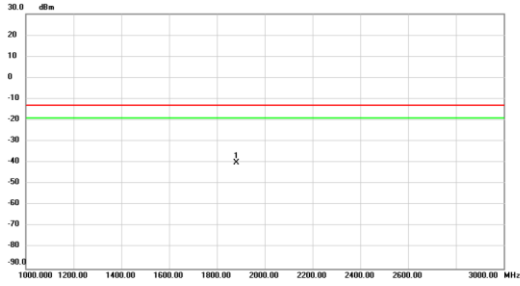
**Horizontal**



Test Mode : LTE Band 4\_TX CH20175\_5MHz

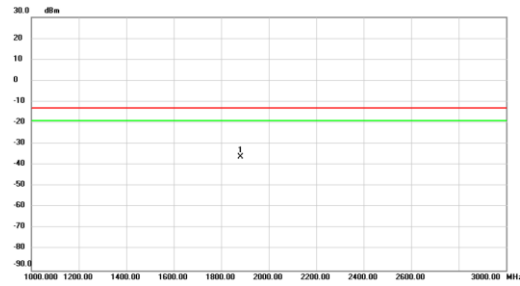
Test Mode : LTE Band 4\_TX CH20175\_5MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor db	Measurement dBm	Limit dBm	Margin db	Detector	Comment
1 *	1881.000	-43.97	3.93	-40.04	-13.00	-27.04	peak	

Horizontal

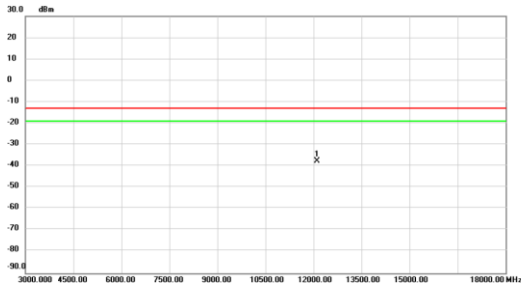


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor db	Measurement dBm	Limit dBm	Margin db	Detector	Comment
1 *	1881.000	-40.19	3.93	-36.26	-13.00	-23.26	peak	

Test Mode : LTE Band 4\_TX CH20175\_5MHz

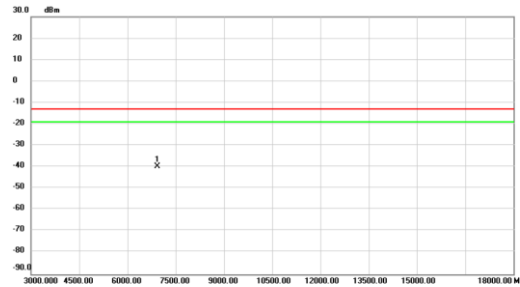
Test Mode : LTE Band 4\_TX CH20175\_5MHz

Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor db	Measurement dBm	Limit dBm	Margin db	Detector	Comment
1 *	12112.50	-45.56	7.77	-37.79	-13.00	-24.79	peak	

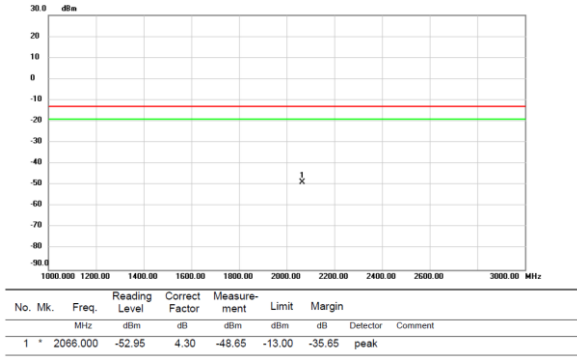
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor db	Measurement dBm	Limit dBm	Margin db	Detector	Comment
1 *	6922.500	-46.46	6.76	-39.70	-13.00	-26.70	peak	

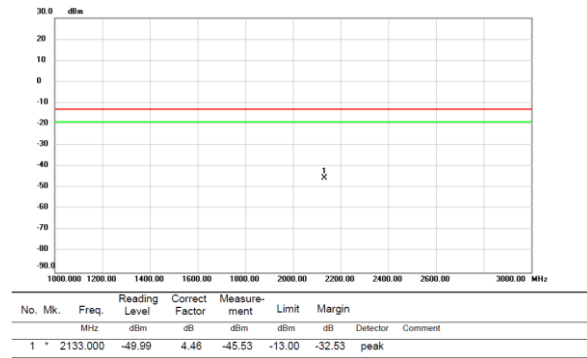
Test Mode : LTE Band 4\_TX CH20175\_20MHz

Vertical



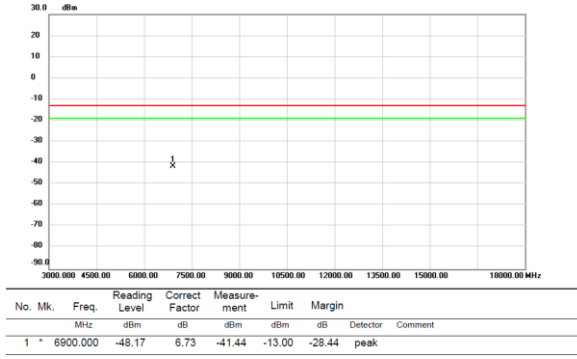
Test Mode : LTE Band 4\_TX CH20175\_20MHz

Horizontal



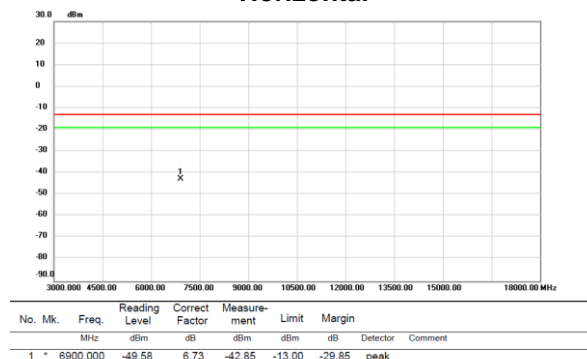
Test Mode : LTE Band 4\_TX CH20175\_20MHz

Vertical



Test Mode : LTE Band 4\_TX CH20175\_20MHz

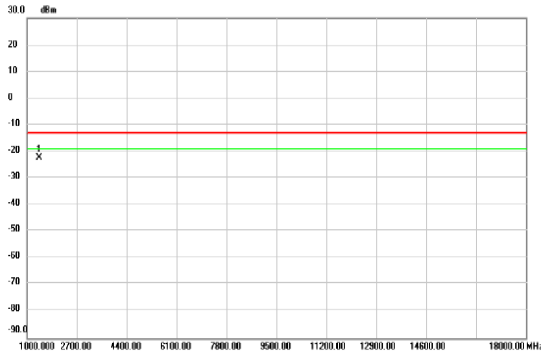
Horizontal



Test Mode : LTE Band 12\_TX CH23095\_1.4MHz

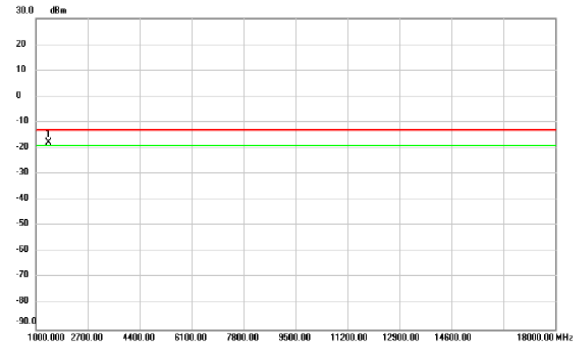
Test Mode : LTE Band 12\_TX CH23095\_1.4MHz

**Vertical**



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	1416.500	-8.40	-13.87	-22.27	-13.00	-9.27	peak	

**Horizontal**

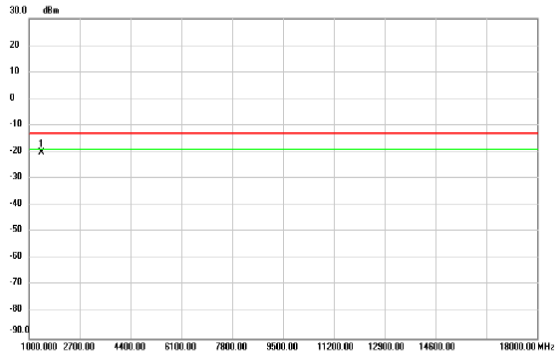


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	1416.500	-3.27	-14.47	-17.74	-13.00	-4.74	peak	

Test Mode : LTE Band 12\_TX CH23095\_5MHz

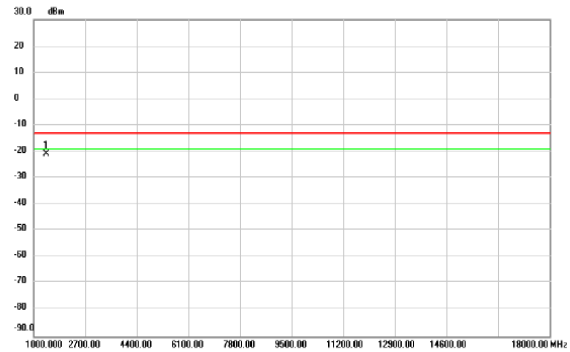
Test Mode : LTE Band 12\_TX CH23095\_5MHz

**Vertical**



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	1408.000	-6.48	-13.85	-20.33	-13.00	-7.33	peak	

**Horizontal**

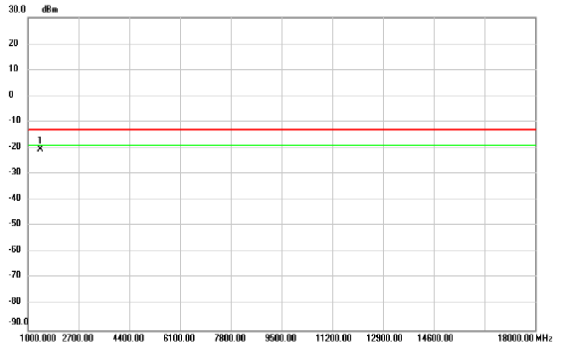


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	1408.000	-6.28	-14.45	-20.73	-13.00	-7.73	peak	

Test Mode : LTE Band 12\_TX CH23095\_10MHz

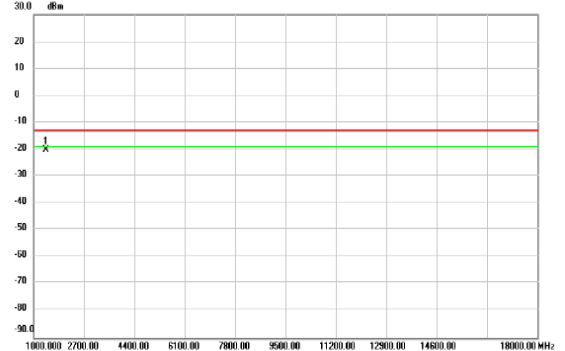
Test Mode : LTE Band 12\_TX CH23095\_10MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1408.000	-6.71	-13.85	-20.56	-13.00	-7.56	peak	

Horizontal

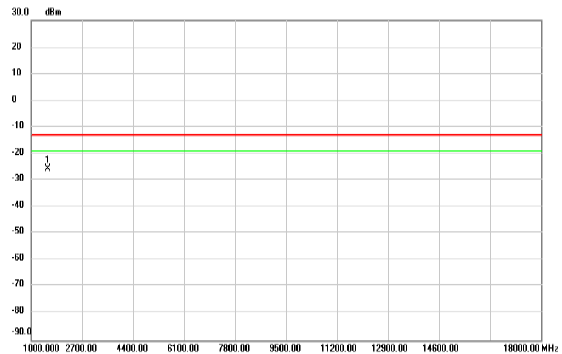


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1408.000	-5.84	-14.45	-20.29	-13.00	-7.29	peak	

Test Mode : LTE Band 13\_TX CH23230\_5MHz

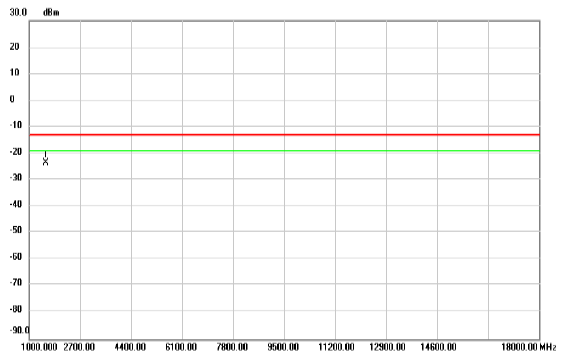
Test Mode : LTE Band 13\_TX CH23230\_5MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1561.000	-11.69	-13.91	-25.60	-13.00	-12.60	peak	

Horizontal

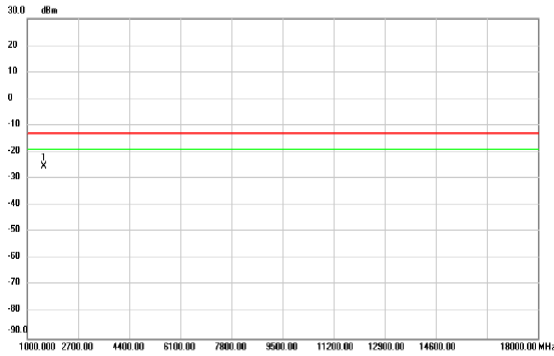


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1561.000	-9.01	-14.48	-23.49	-13.00	-10.49	peak	

Test Mode : LTE Band 13\_TX CH23230\_10MHz

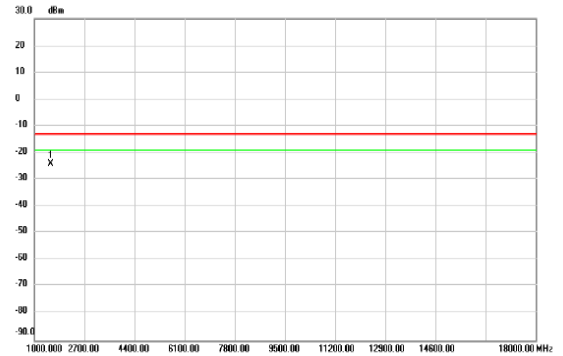
Test Mode : LTE Band 13\_TX CH23230\_10MHz

Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	1552.500	-11.38	-13.93	-25.31	-13.00	-12.31	peak	

Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	1552.500	-9.56	-14.49	-24.05	-13.00	-11.05	peak	

Test Mode : LTE Band 66\_TX CH132322\_1.4MHz

Test Mode : LTE Band 66\_TX CH132322\_1.4MHz

Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	1514.000	-30.13	-14.01	-44.14	-13.00	-31.14	peak	

Horizontal



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	1553.000	-32.44	-14.49	-46.93	-13.00	-33.93	peak	

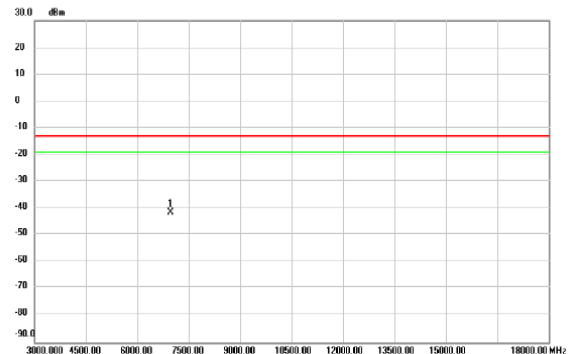
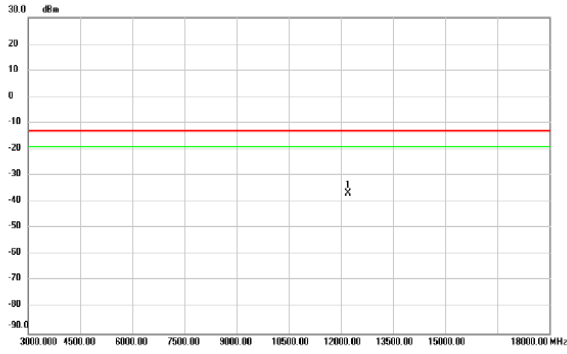


Test Mode : LTE Band 66\_TX CH132322\_1.4MHz

Test Mode : LTE Band 66\_TX CH132322\_1.4MHz

**Vertical**

**Horizontal**



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1 *	12210.000	-45.18	8.41	-36.77	-13.00	-23.77	peak	

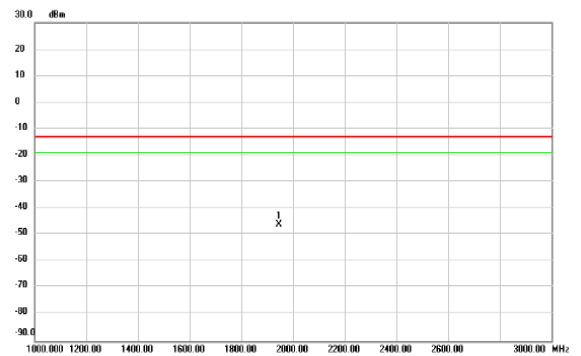
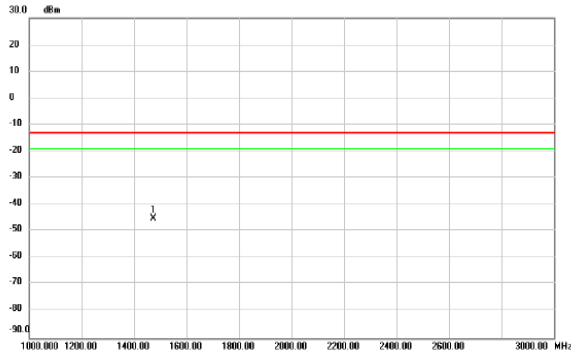
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1 *	6975.000	-41.33	-0.11	-41.44	-13.00	-28.44	peak	

Test Mode : LTE Band 66\_TX CH132322\_5MHz

Test Mode : LTE Band 66\_TX CH132322\_5MHz

**Vertical**

**Horizontal**



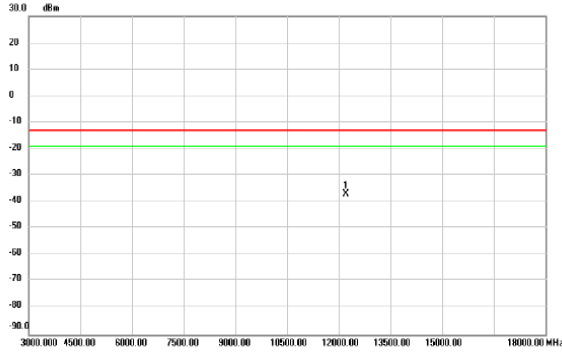
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1 *	1474.000	-31.07	-13.99	-45.06	-13.00	-32.06	peak	

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1 *	1945.000	-32.54	-13.63	-46.17	-13.00	-33.17	peak	

Test Mode : LTE Band 66\_TX CH132322\_5MHz

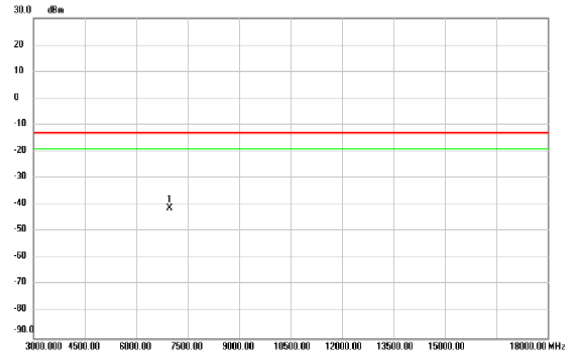
Test Mode : LTE Band 66\_TX CH132322\_5MHz

Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	12202.500	-45.57	8.42	-37.15	-13.00	-24.15	peak	

Horizontal

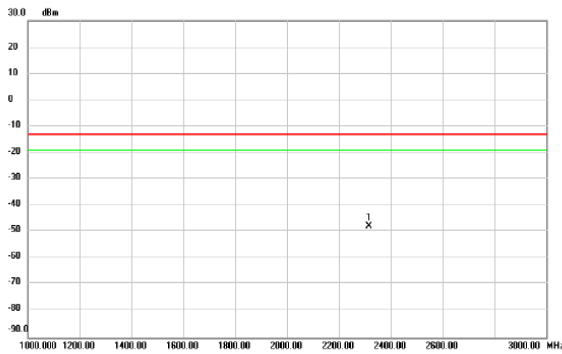


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	6967.500	-41.07	-0.12	-41.19	-13.00	-28.19	peak	

Test Mode : LTE Band 66\_TX CH132322\_20MHz

Test Mode : LTE Band 66\_TX CH132322\_20MHz

Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	2315.000	-36.28	-11.70	-47.98	-13.00	-34.98	peak	

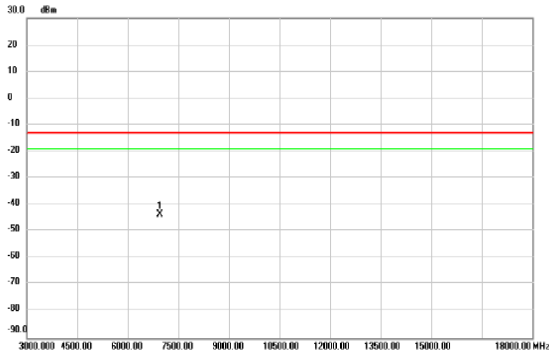
Horizontal



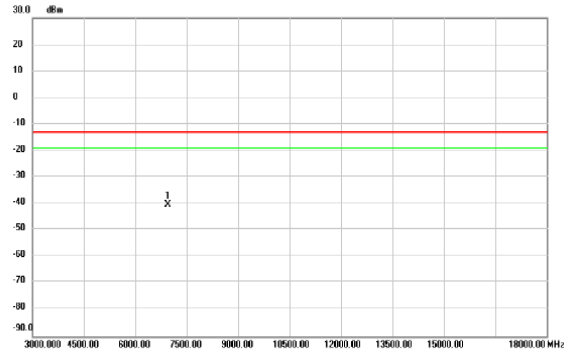
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	2520.000	-35.85	-11.53	-47.38	-13.00	-34.38	peak	

Test Mode : LTE Band 66\_TX CH132322\_20MHz

Test Mode : LTE Band 66\_TX CH132322\_20MHz

**Vertical**


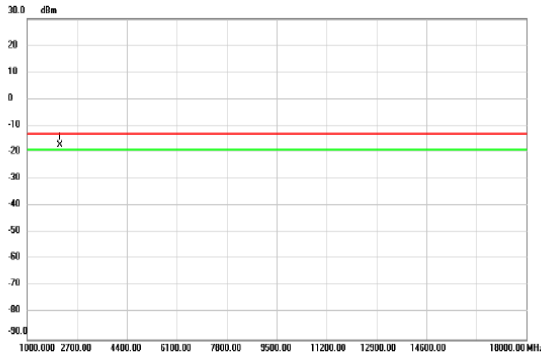
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	6945.000	-43.61	-0.15	-43.76	-13.00	-30.76	peak	

**Horizontal**


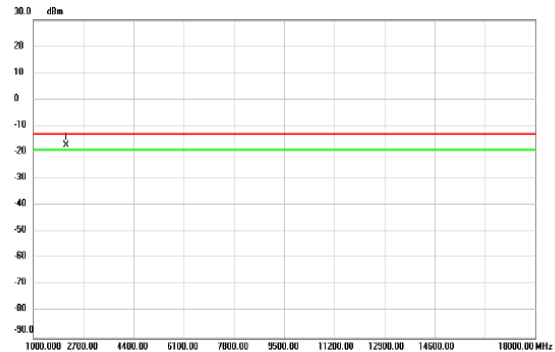
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	6945.000	-40.30	-0.18	-40.48	-13.00	-27.48	peak	

Test Mode : LTE Band 85\_TX CH134092\_5MHz

Test Mode : LTE Band 85\_TX CH134092\_5MHz

**Vertical**


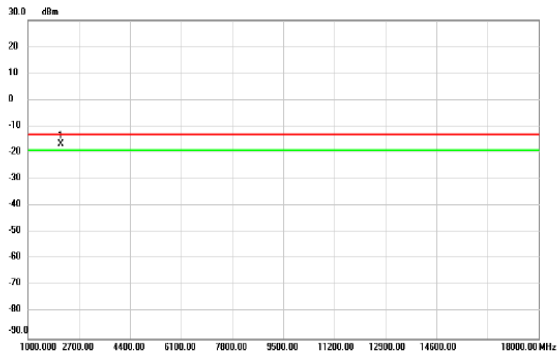
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2113.500	-4.60	-12.54	-17.14	-13.00	-4.14	peak	

**Horizontal**


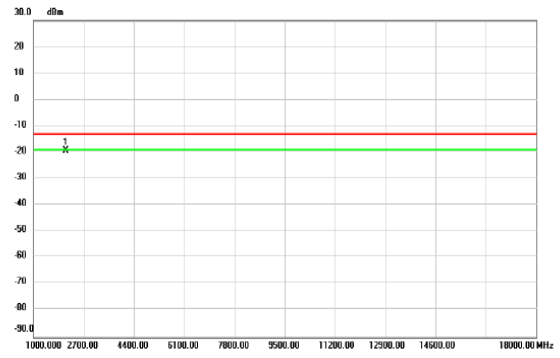
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2113.500	-4.30	-13.07	-17.37	-13.00	-4.37	peak	

Test Mode : LTE Band 85\_TX CH134092\_10MHz

Test Mode : LTE Band 85\_TX CH134092\_10MHz

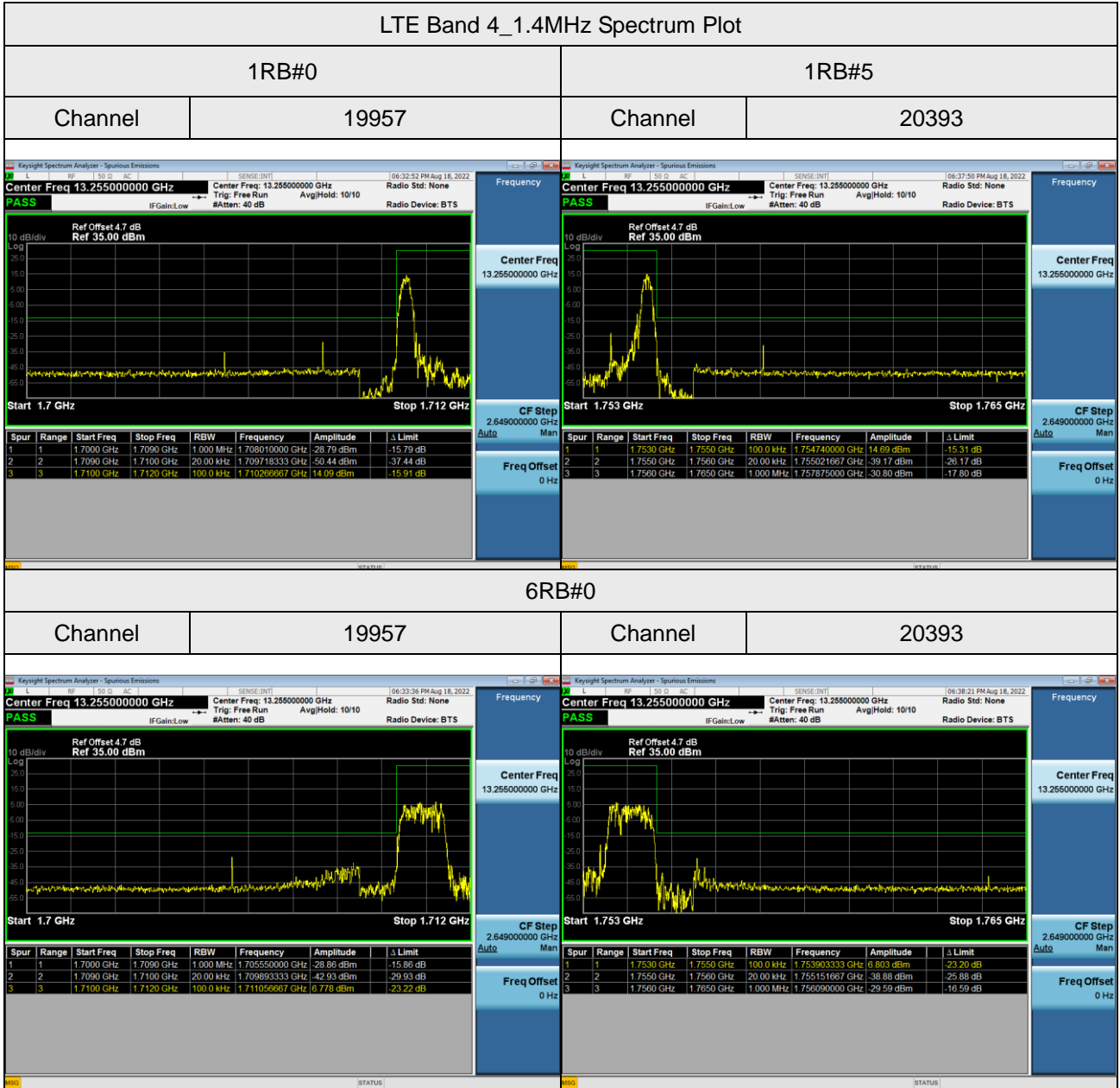
**Vertical**


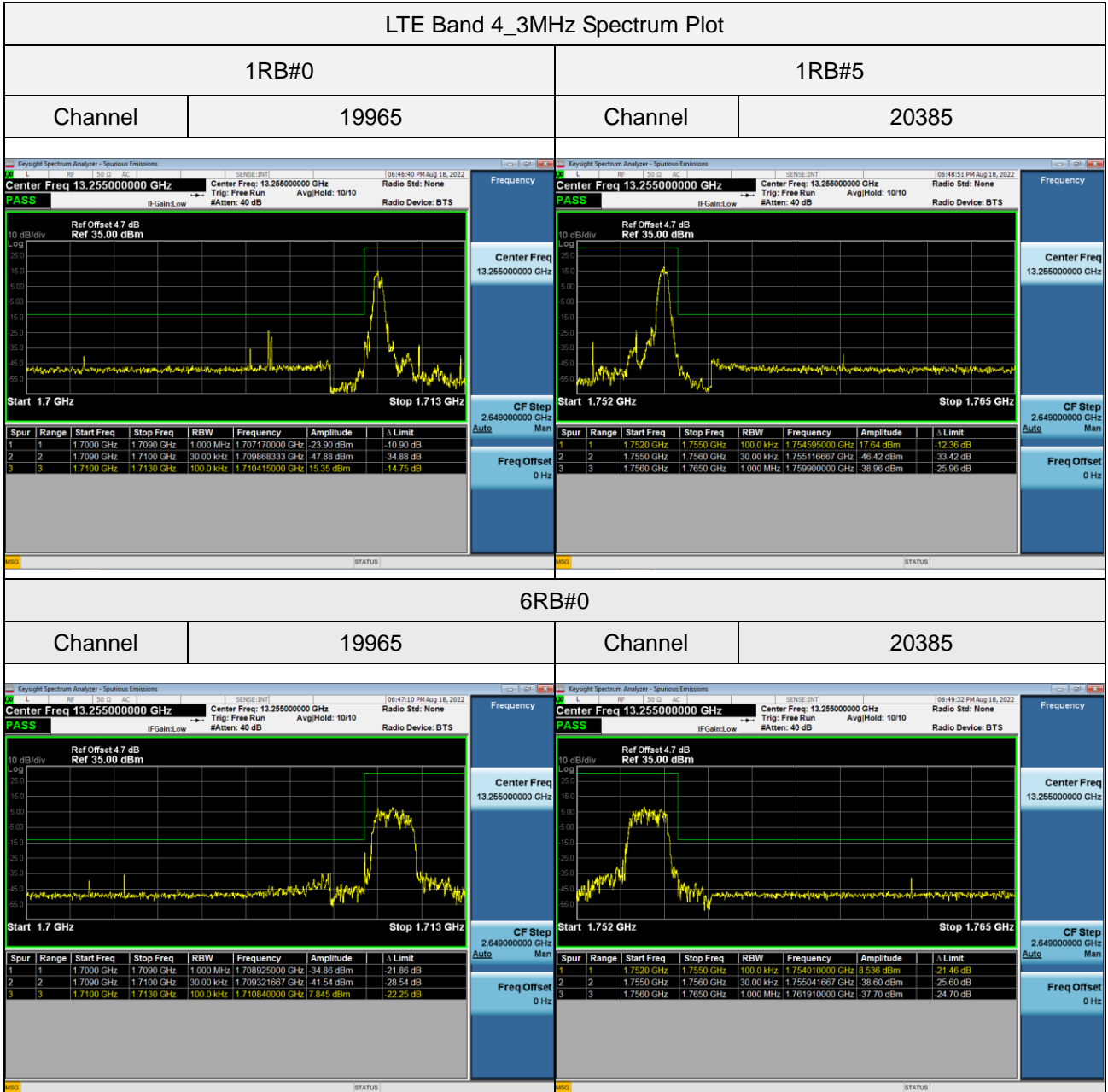
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2105.000	-4.02	-12.57	-16.59	-13.00	-3.59	peak	

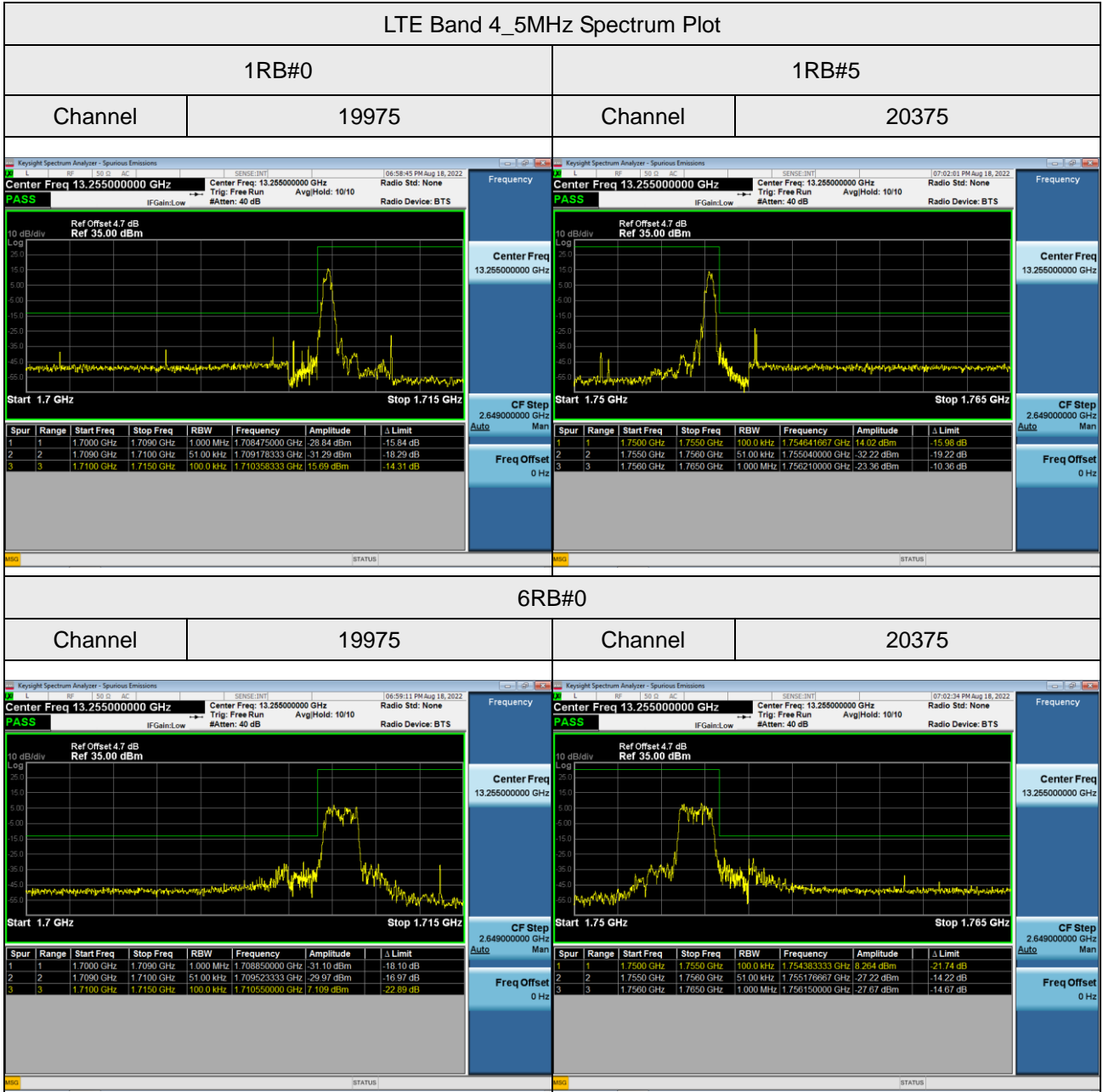
**Horizontal**


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2105.000	-6.11	-13.11	-19.22	-13.00	-6.22	peak	

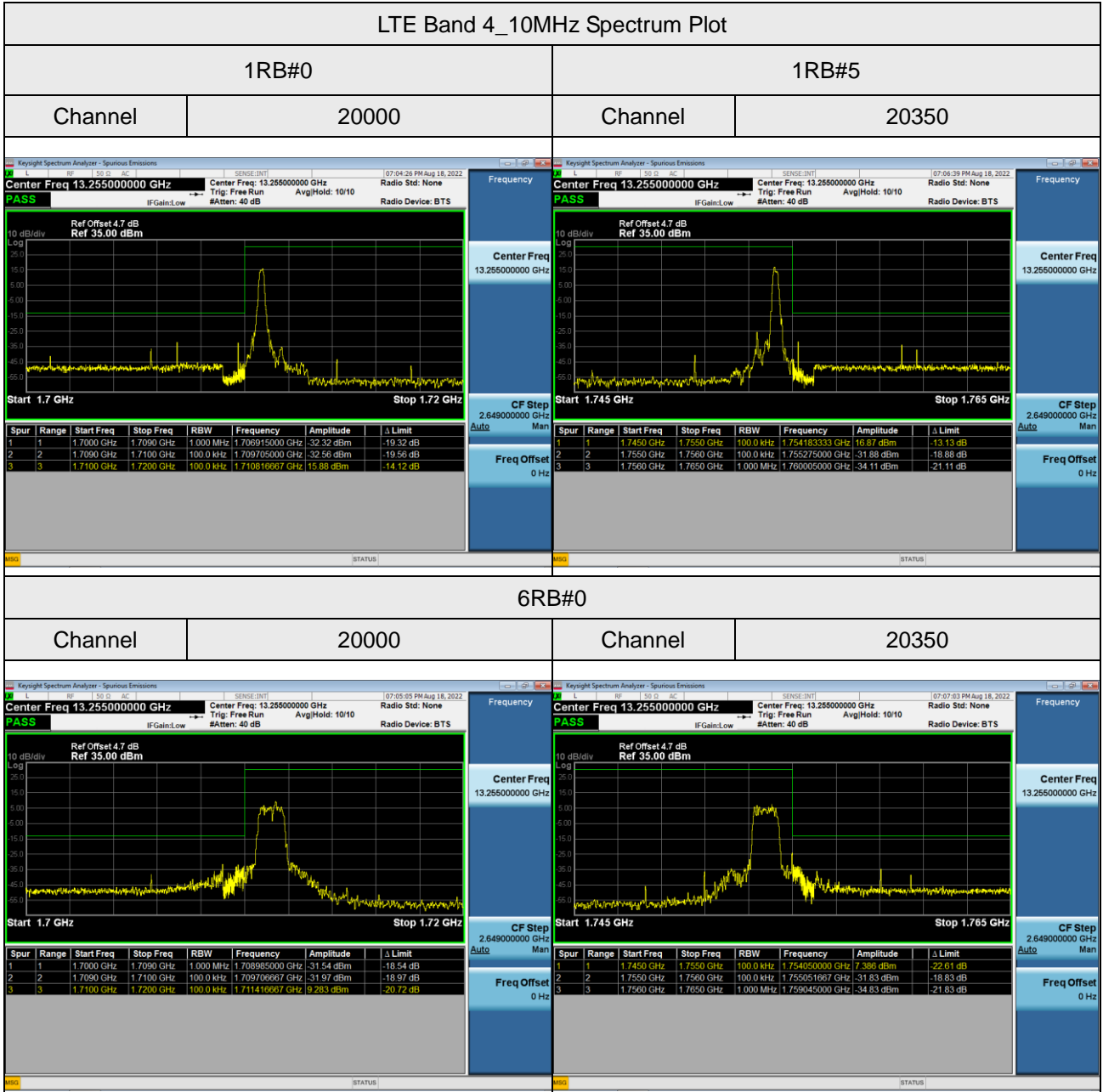
## APPENDIX G - BAND EDGE

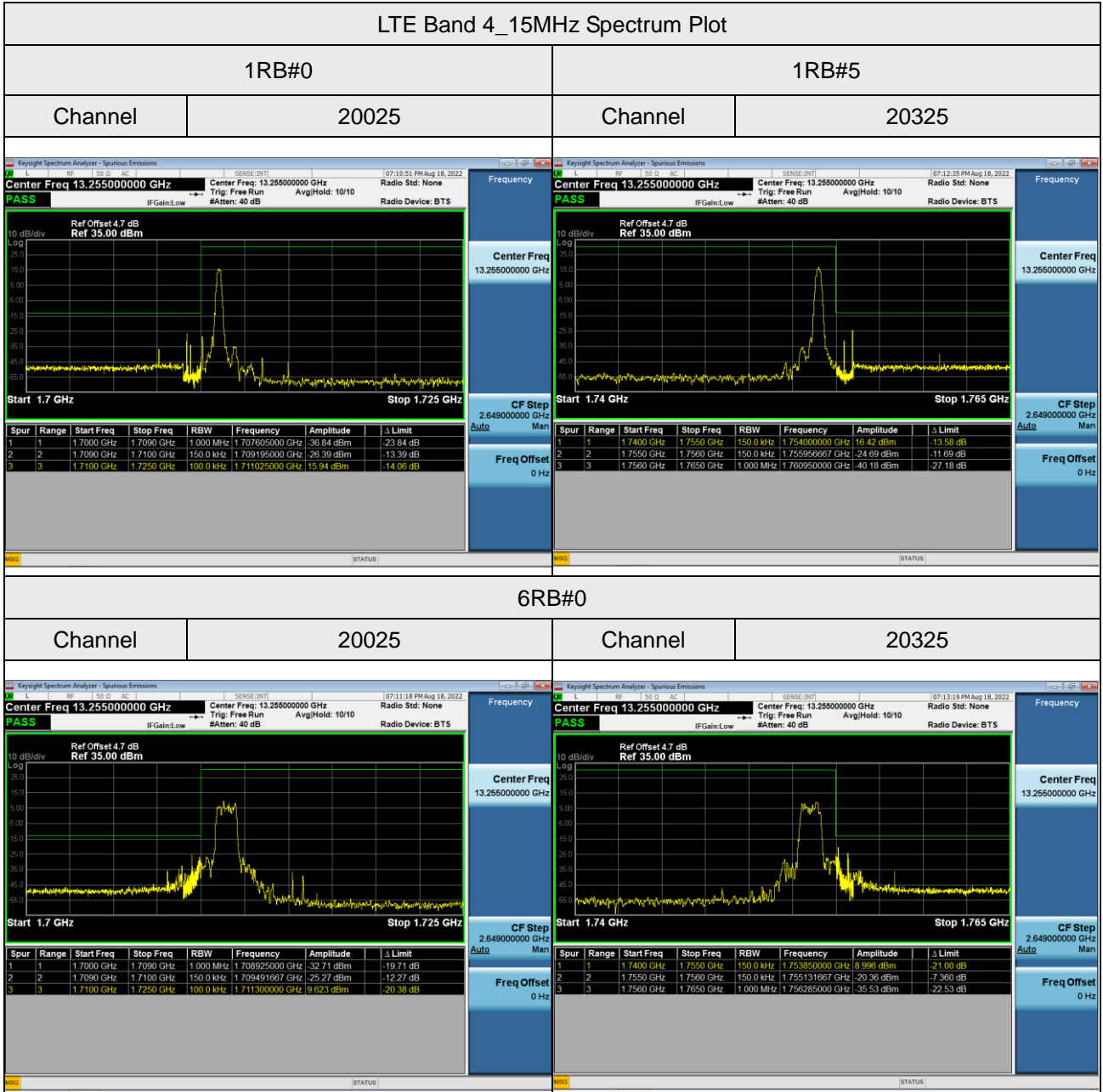


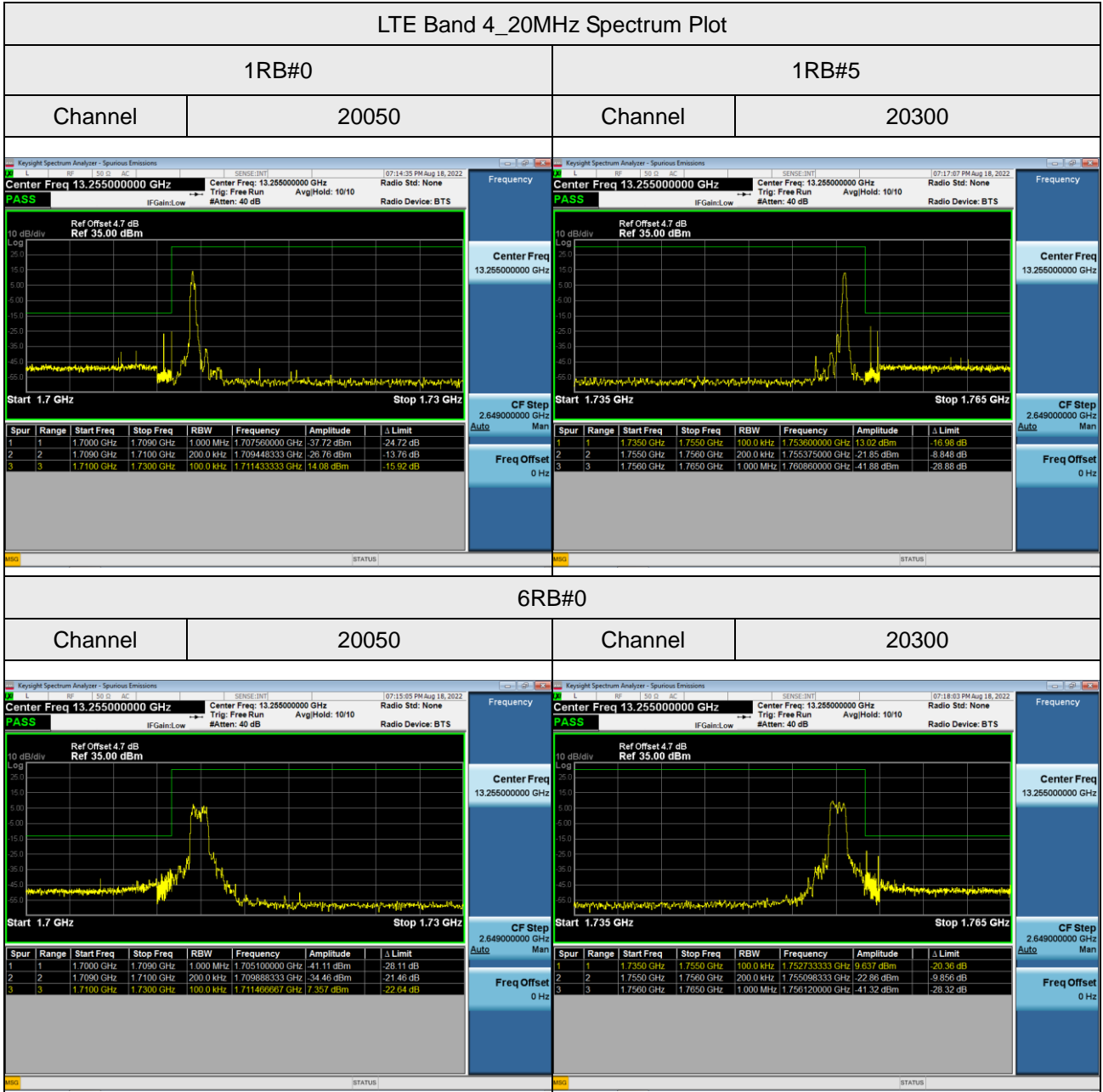


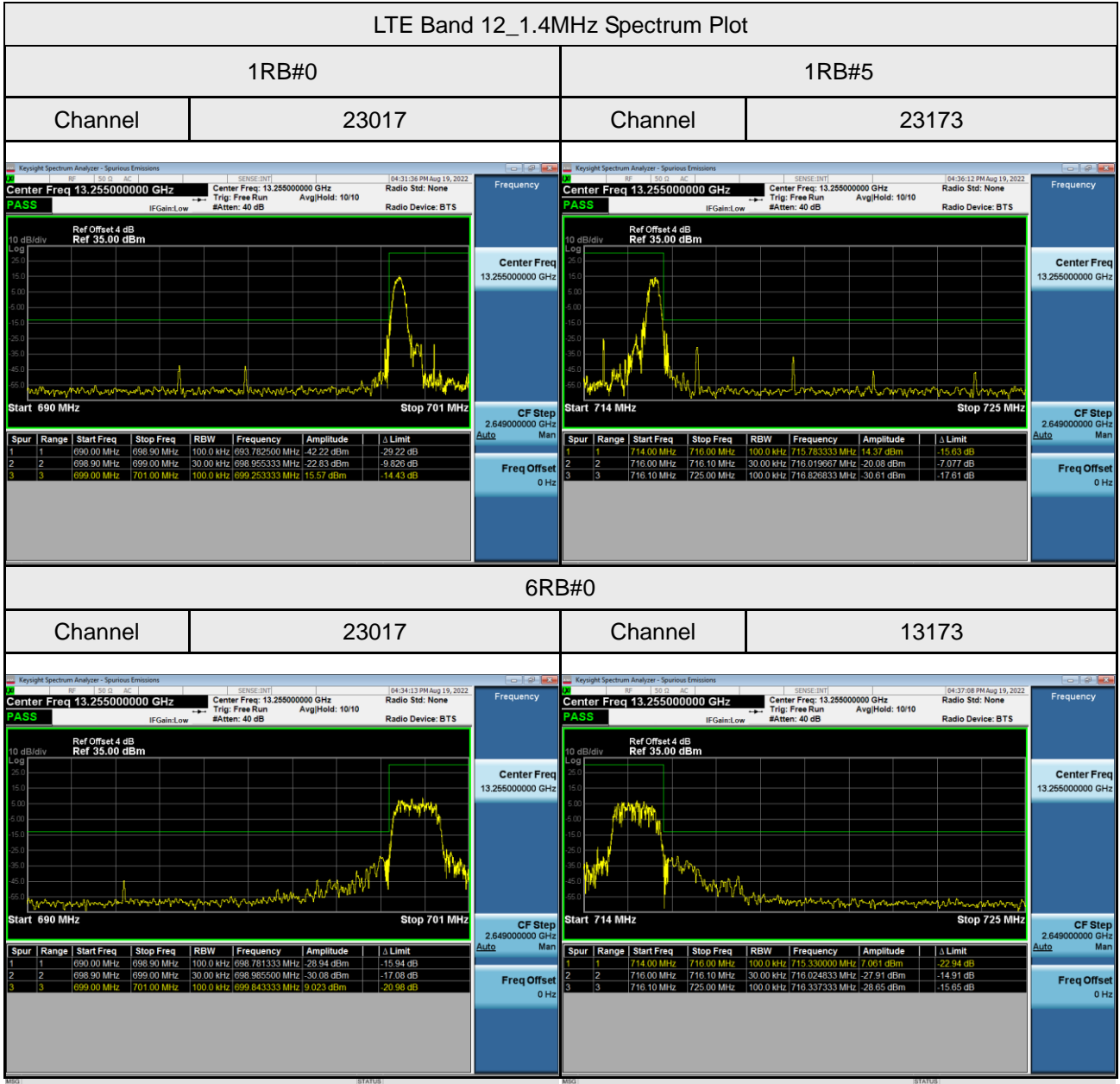




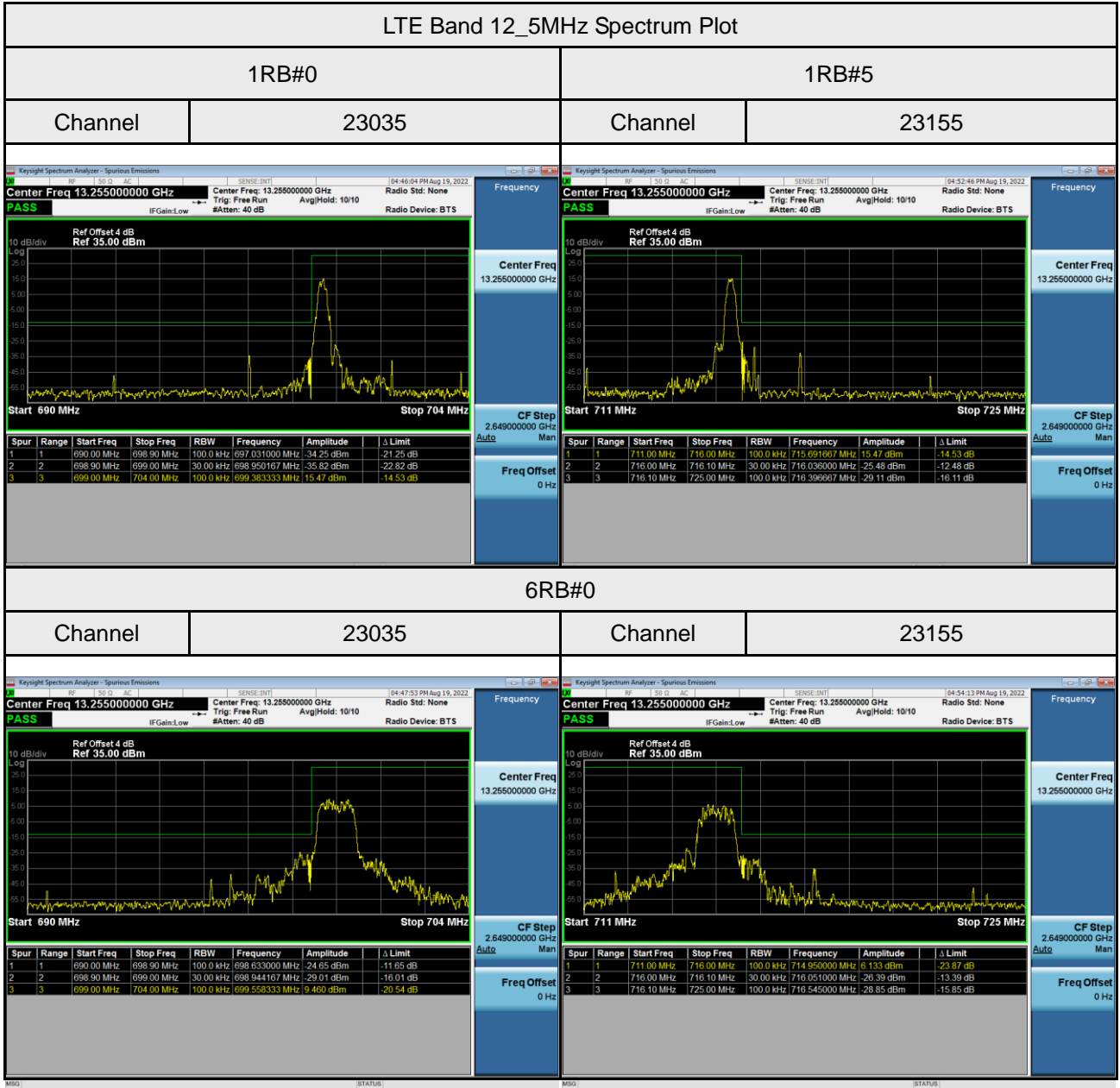


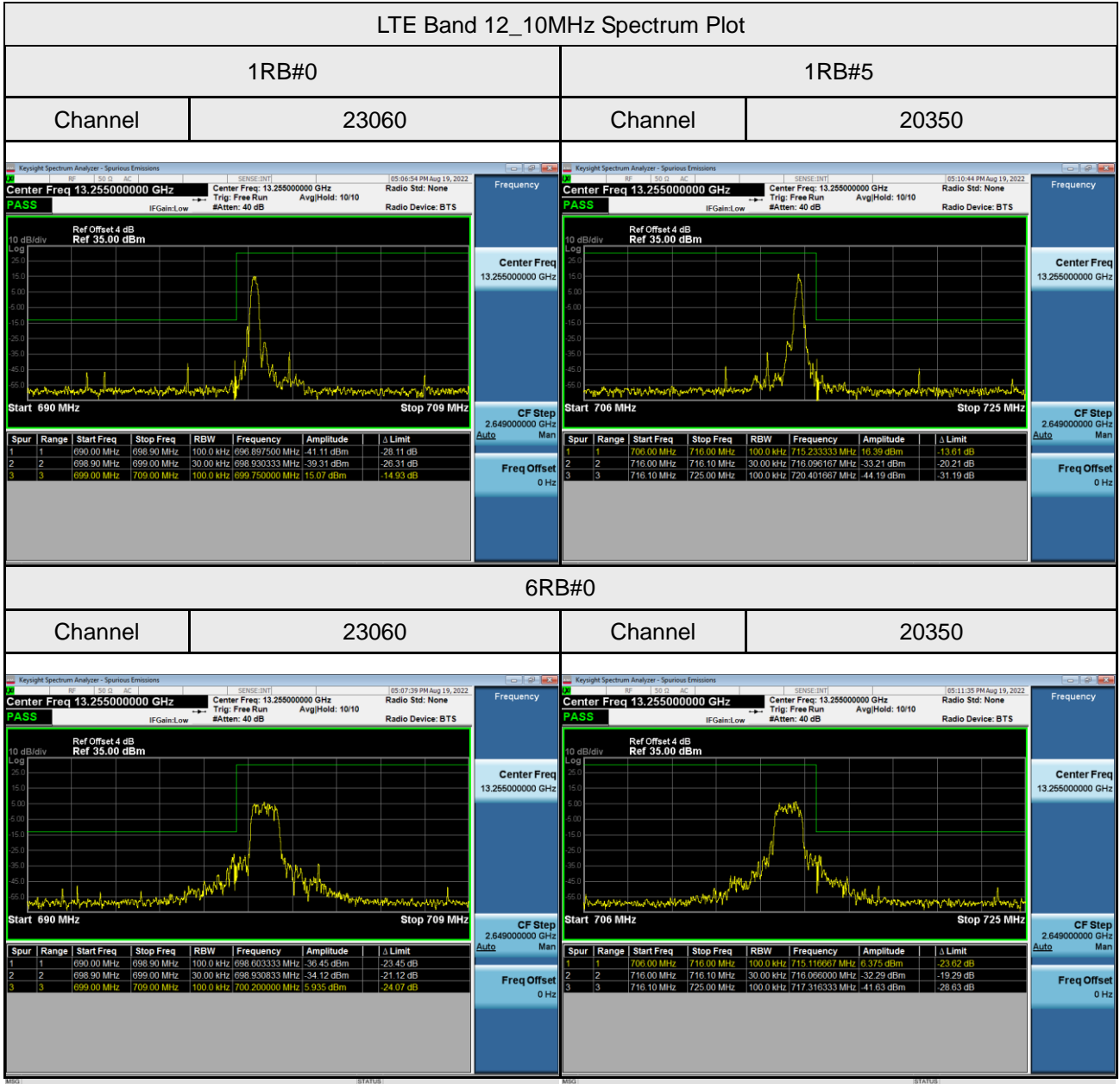












### LTE Band 13\_5MHz Spectrum Plot

1RB#0		1RB#5	
Channel	23205	Channel	23255

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	767.580000 MHz	-63.63 dBm	-28.63 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.259500 MHz	-30.78 dBm	-17.78 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.988500 MHz	-40.38 dBm	-27.38 dB
4	4	776.00 MHz	788.00 MHz	30.00 kHz	777.320000 MHz	-13.49 dBm	-16.51 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.020333 MHz	-58.04 dBm	-45.04 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	792.258000 MHz	-53.07 dBm	-40.07 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	796.986667 MHz	-62.86 dBm	-27.86 dB

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	767.000000 MHz	-61.78 dBm	-26.78 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.724500 MHz	-50.40 dBm	-37.40 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.979333 MHz	-59.15 dBm	-46.15 dB
4	4	776.00 MHz	788.00 MHz	30.00 kHz	786.620000 MHz	-9.172 dBm	-20.83 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.019333 MHz	-58.52 dBm	-45.52 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	789.888500 MHz	-44.69 dBm	-31.69 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	805.415000 MHz	-61.98 dBm	-26.98 dB

### 6RB#0

Channel		23205		Channel		23255	
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Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	767.160000 MHz	-63.24 dBm	-28.24 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.670500 MHz	-40.93 dBm	-27.93 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.925500 MHz	-45.79 dBm	-32.79 dB
4	4	776.00 MHz	788.00 MHz	30.00 kHz	777.800000 MHz	-8.012 dBm	-21.99 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.054000 MHz	-60.06 dBm	-47.06 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	792.959167 MHz	-51.98 dBm	-38.98 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	796.986667 MHz	-62.06 dBm	-27.06 dB

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	763.00 MHz	775.00 MHz	6.800 kHz	767.000000 MHz	-61.91 dBm	-26.91 dB
2	2	775.00 MHz	775.90 MHz	100.0 kHz	775.264000 MHz	-50.23 dBm	-37.23 dB
3	3	775.90 MHz	776.00 MHz	30.00 kHz	775.915667 MHz	-59.06 dBm	-46.06 dB
4	4	776.00 MHz	788.00 MHz	30.00 kHz	786.400000 MHz	-4.817 dBm	-25.18 dB
5	5	788.00 MHz	788.10 MHz	30.00 kHz	788.069333 MHz	-57.16 dBm	-44.16 dB
6	6	788.10 MHz	793.00 MHz	100.0 kHz	789.463833 MHz	-34.91 dBm	-21.91 dB
7	7	793.00 MHz	806.00 MHz	6.800 kHz	805.415000 MHz	-62.12 dBm	-27.12 dB