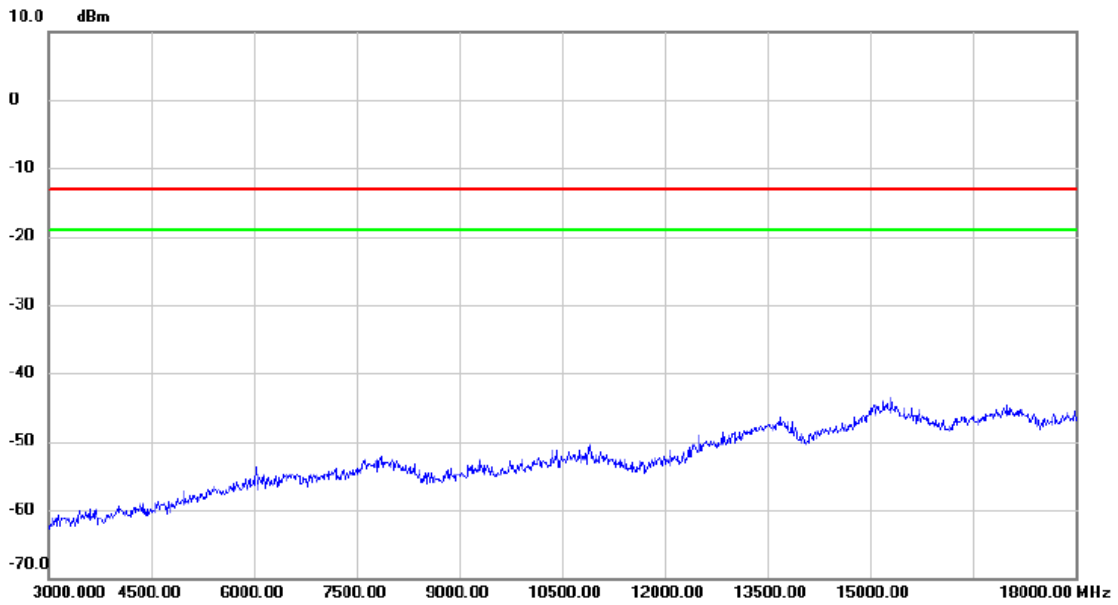


Test Mode: WCDMA Band 4_TX CH1312_HSUPA

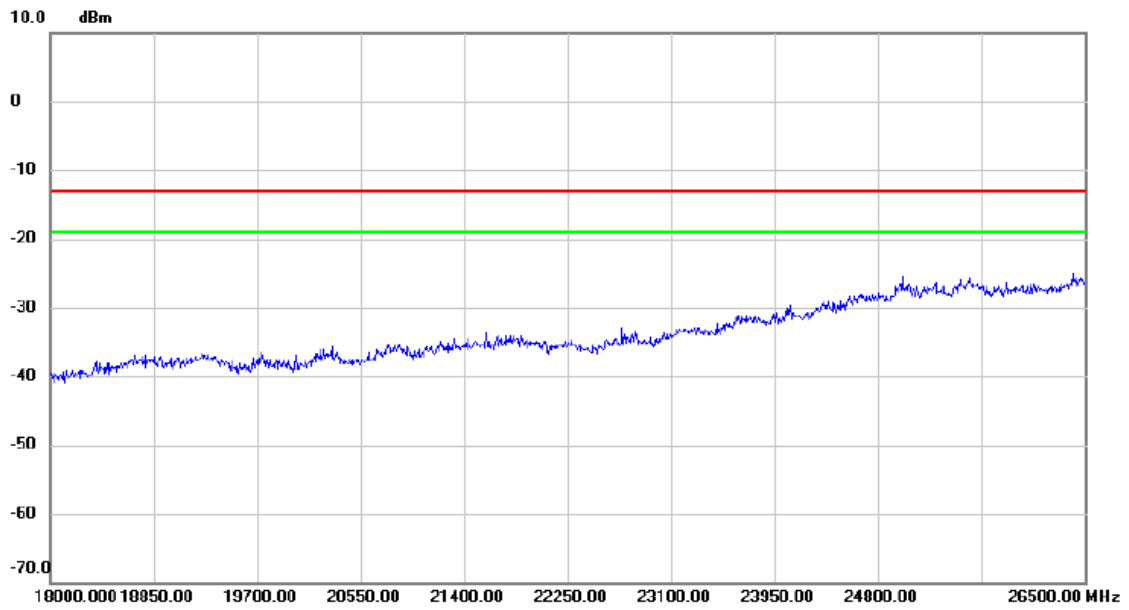
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: WCDMA Band 4_TX CH1312_HSUPA

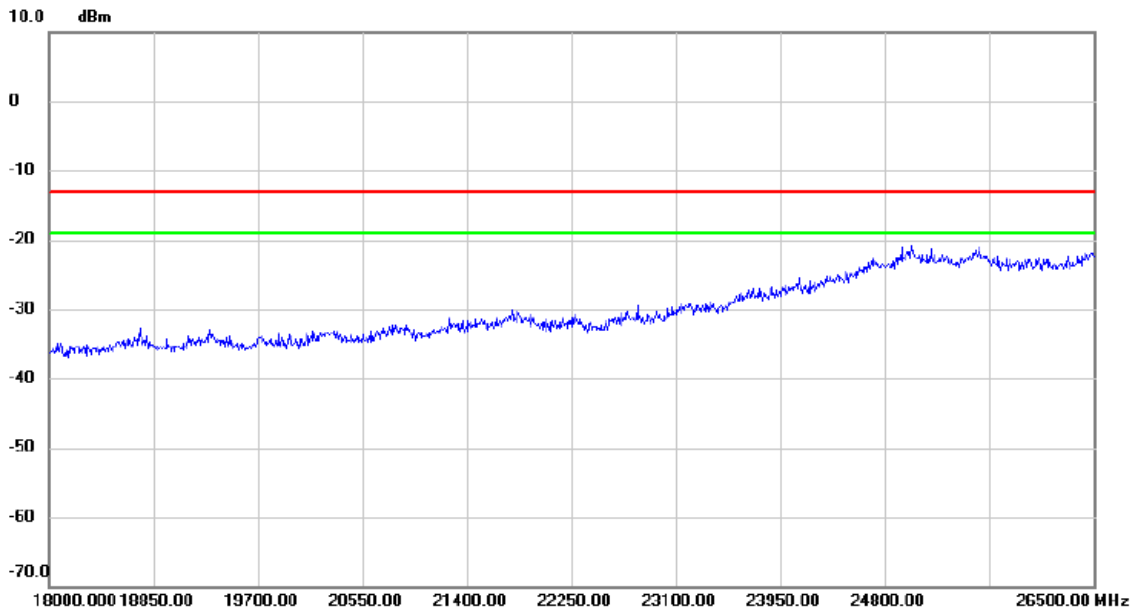
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
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Test Mode: WCDMA Band 4_TX CH1312_HSUPA

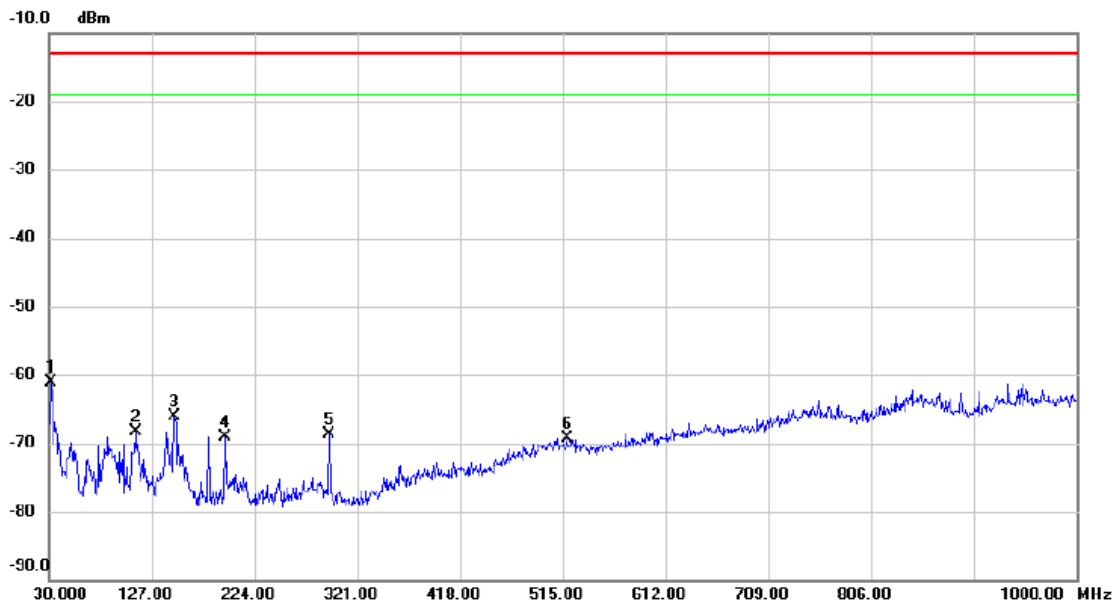
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 4_TX CH20375_5M

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	31.940	-57.54	-3.65	-61.19	-13.00	-48.19	peak	
2		111.480	-65.91	-2.36	-68.27	-13.00	-55.27	peak	
3		148.340	-66.10	0.02	-66.08	-13.00	-53.08	peak	
4		195.870	-65.74	-3.40	-69.14	-13.00	-56.14	peak	
5		294.810	-67.54	-1.16	-68.70	-13.00	-55.70	peak	
6		518.880	-73.95	4.62	-69.33	-13.00	-56.33	peak	

Test Mode: LTE Band 4_TX CH20375_5M

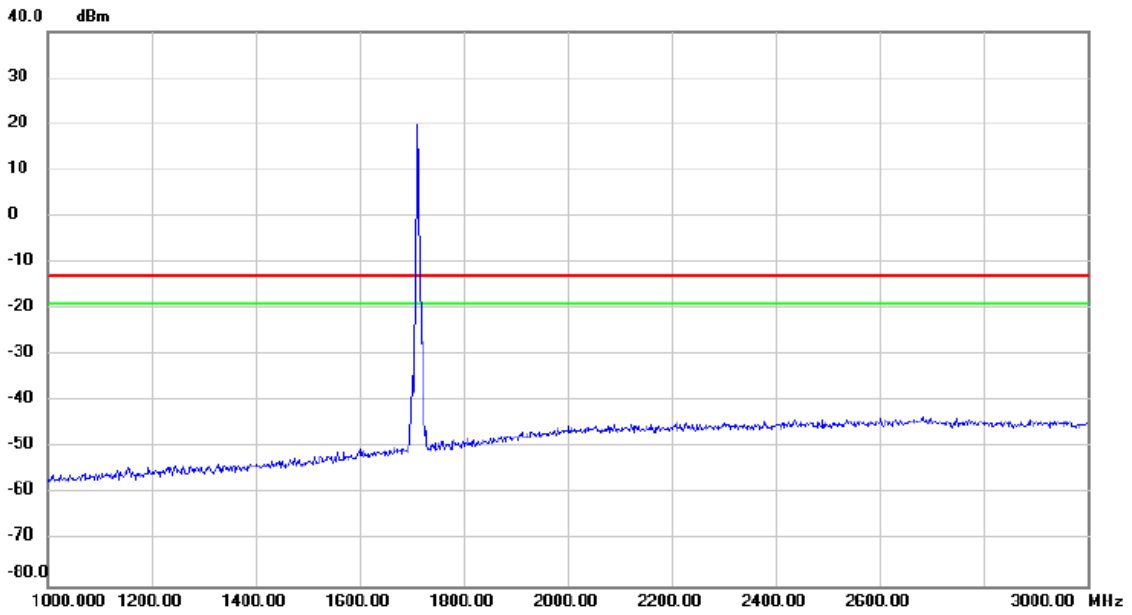
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		31.940	-65.11	-3.65	-68.76	-13.00	-55.76	peak	
2		150.280	-69.70	-0.04	-69.74	-13.00	-56.74	peak	
3		230.790	-67.14	-3.87	-71.01	-13.00	-58.01	peak	
4		398.600	-73.24	3.28	-69.96	-13.00	-56.96	peak	
5		501.420	-73.41	4.54	-68.87	-13.00	-55.87	peak	
6	*	736.160	-71.75	8.23	-63.52	-13.00	-50.52	peak	

Test Mode: LTE Band 4_TX CH20375_5M

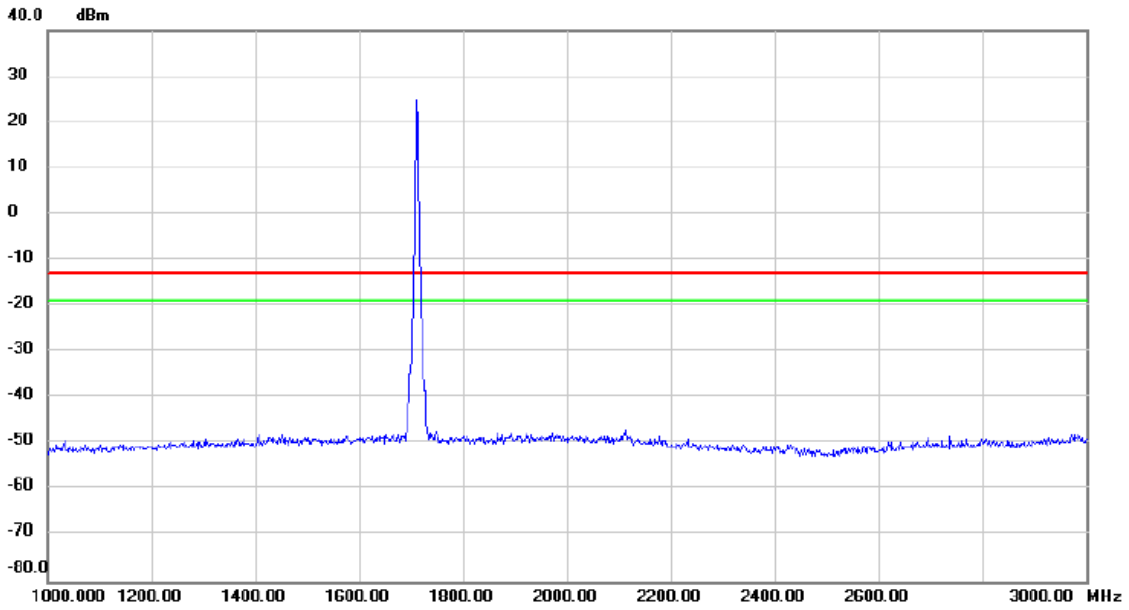
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		1750.00	20.00	0.00	20.00	-15.00	35.00		

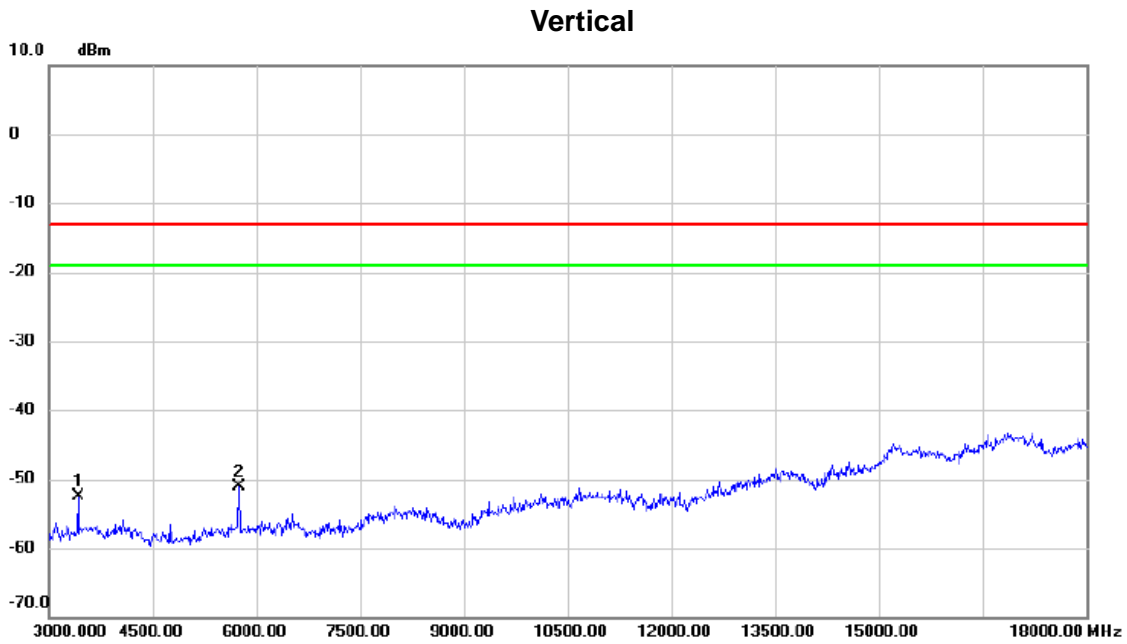
Test Mode: LTE Band 4_TX CH20375_5M

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		1750.00	25.00	0.00	25.00	-12.00	37.00		

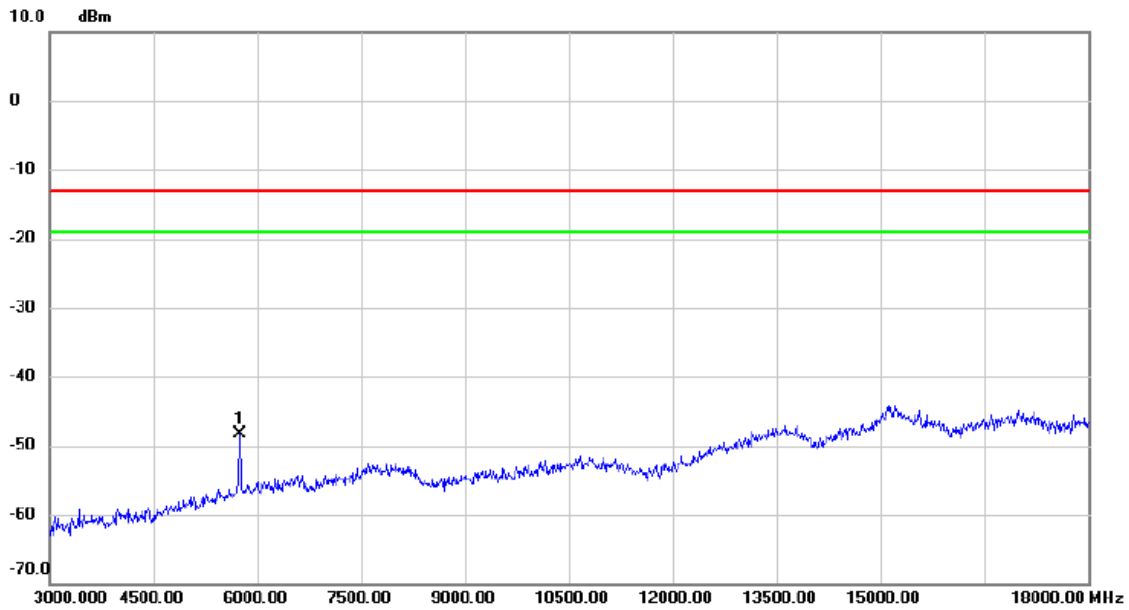
Test Mode: LTE Band 4_TX CH20375_5M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3420.000	-48.76	-3.77	-52.53	-13.00	-39.53	peak	
2	*	5745.000	-55.62	4.59	-51.03	-13.00	-38.03	peak	

Test Mode: LTE Band 4_TX CH20375_5M

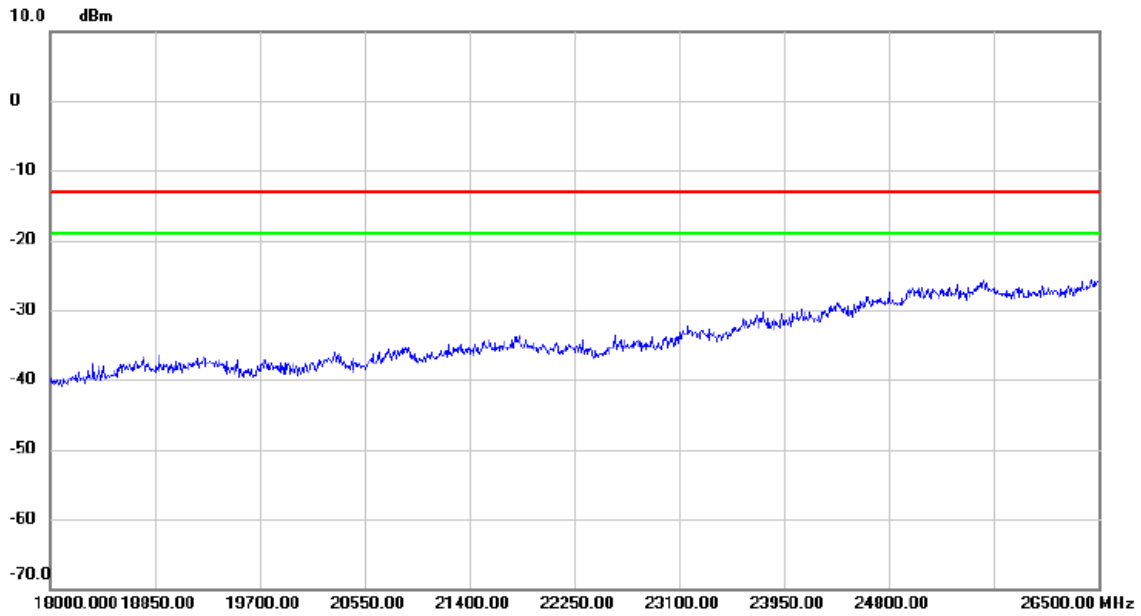
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5745.000	-52.98	4.59	-48.39	-13.00	-35.39	peak	

Test Mode: LTE Band 4_TX CH20375_5M

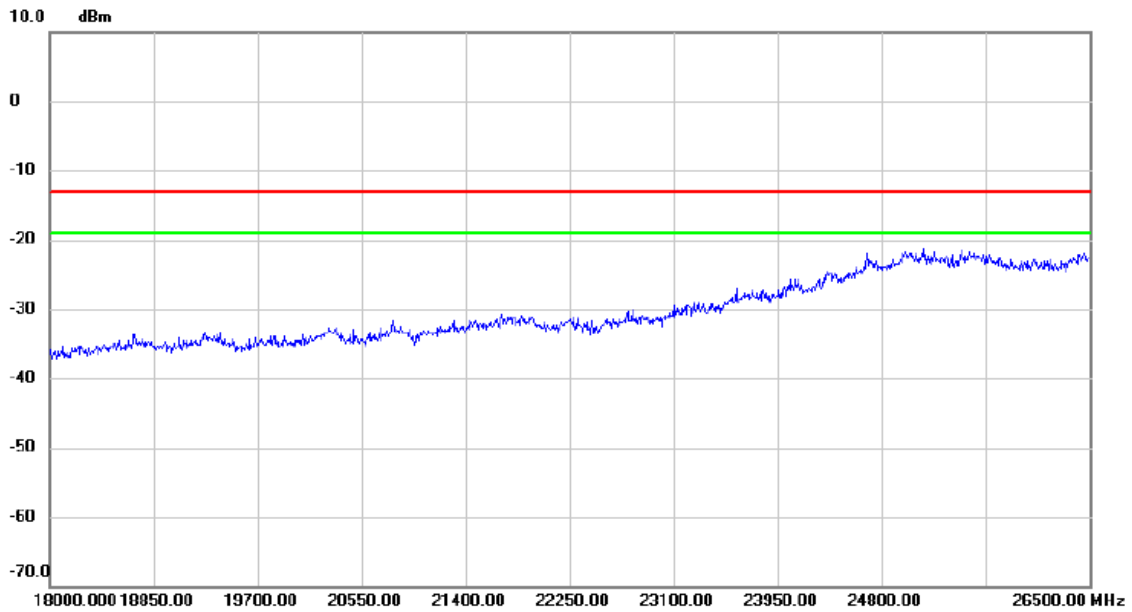
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
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Test Mode: LTE Band 4_TX CH20375_5M

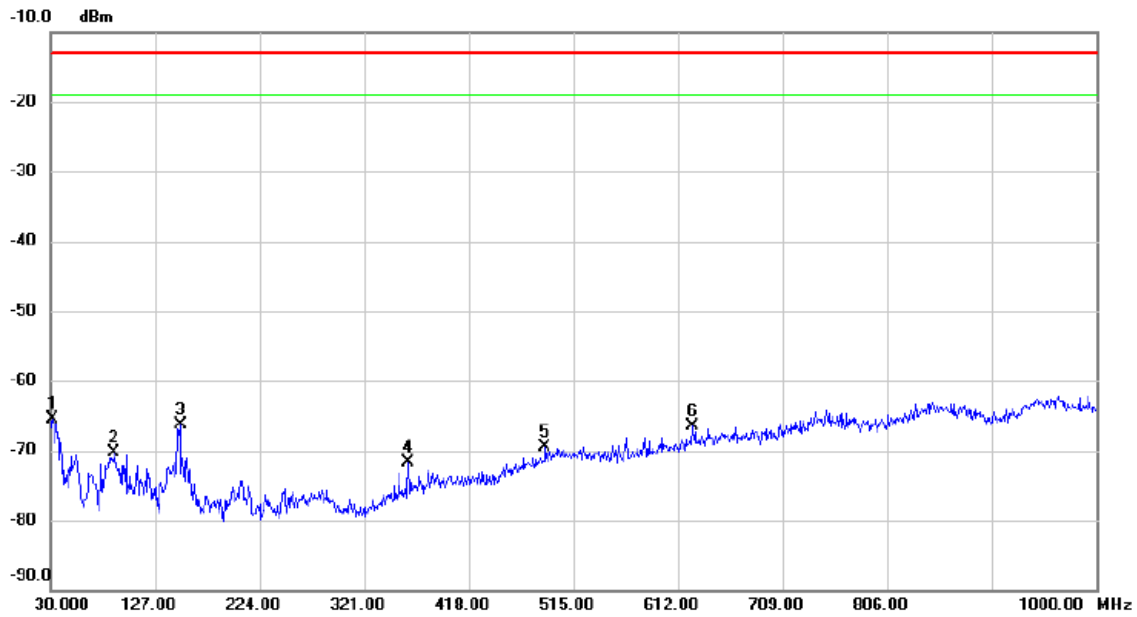
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 4_TX CH20300_20M

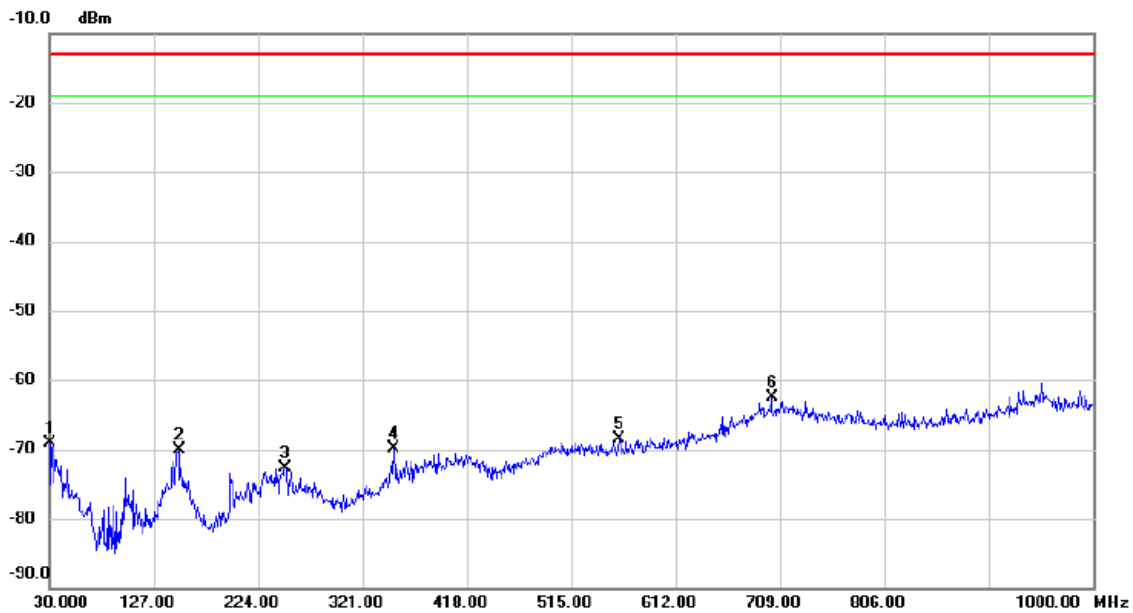
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	31.940	-61.92	-3.65	-65.57	-13.00	-52.57	peak	
2		89.170	-68.32	-1.90	-70.22	-13.00	-57.22	peak	
3		150.280	-66.20	-0.04	-66.24	-13.00	-53.24	peak	
4		361.740	-73.25	1.48	-71.77	-13.00	-58.77	peak	
5		488.810	-74.00	4.41	-69.59	-13.00	-56.59	peak	
6		625.580	-72.97	6.42	-66.55	-13.00	-53.55	peak	

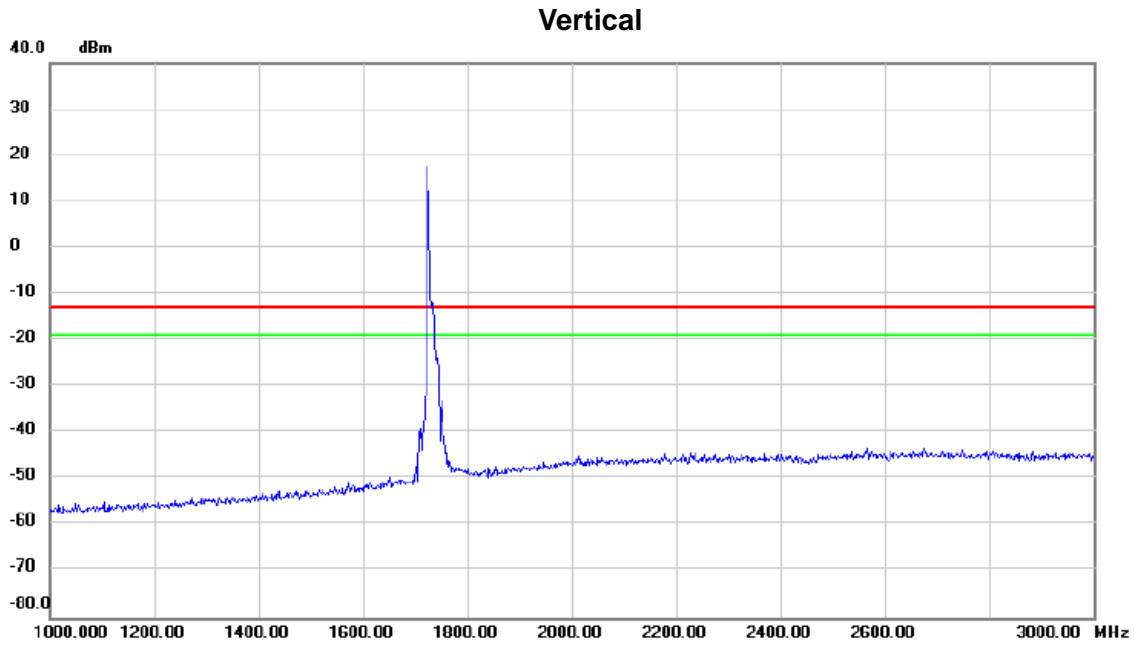
Test Mode: LTE Band 4_TX CH20300_20M

Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	30.000	-67.24	-1.89	-69.13	-13.00	-56.13	peak	
2	150.280	-70.02	-0.04	-70.06	-13.00	-57.06	peak	
3	249.220	-69.91	-2.81	-72.72	-13.00	-59.72	peak	
4	350.100	-70.74	0.90	-69.84	-13.00	-56.84	peak	
5	559.620	-73.46	5.02	-68.44	-13.00	-55.44	peak	
6 *	701.240	-70.02	7.46	-62.56	-13.00	-49.56	peak	

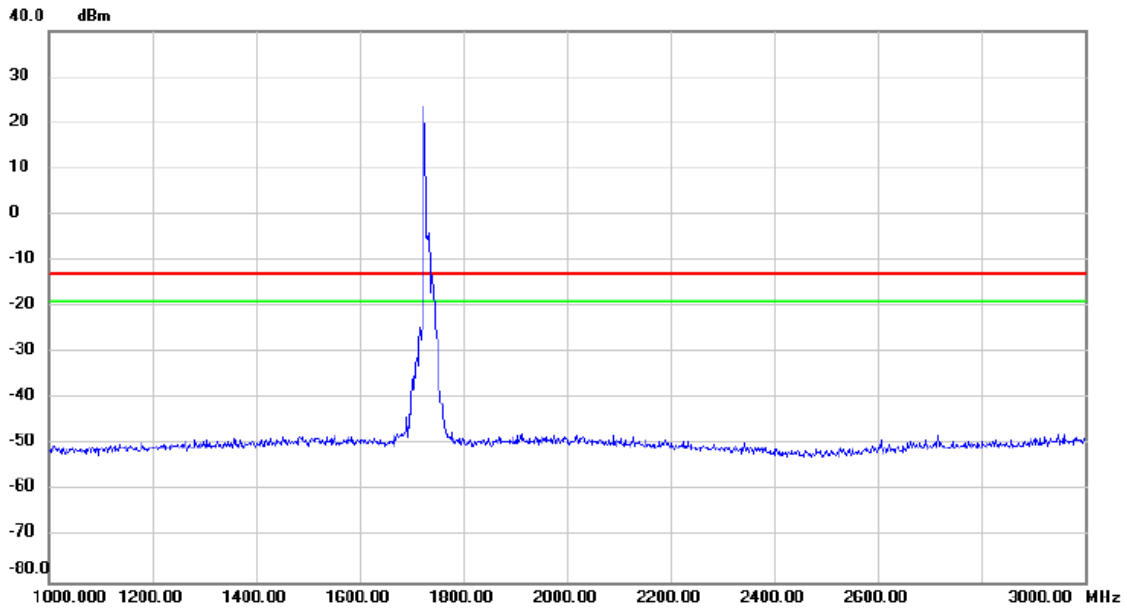
Test Mode: LTE Band 4_TX CH20300_20M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 4_TX CH20300_20M

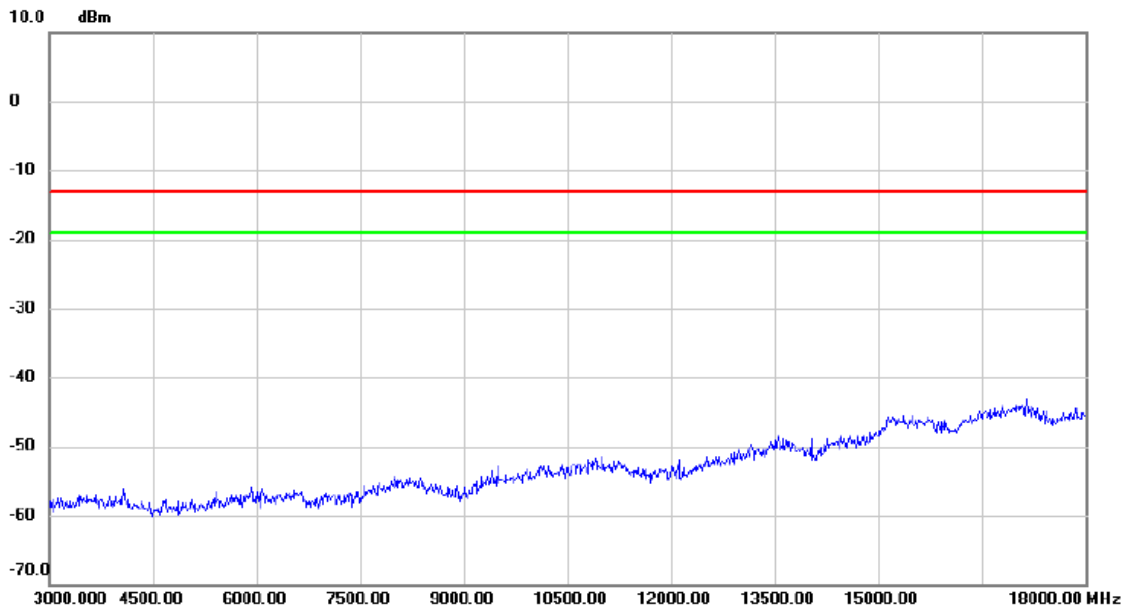
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		1750.00	25.00	0.00	25.00	-15.00	40.00		

Test Mode: LTE Band 4_TX CH20300_20M

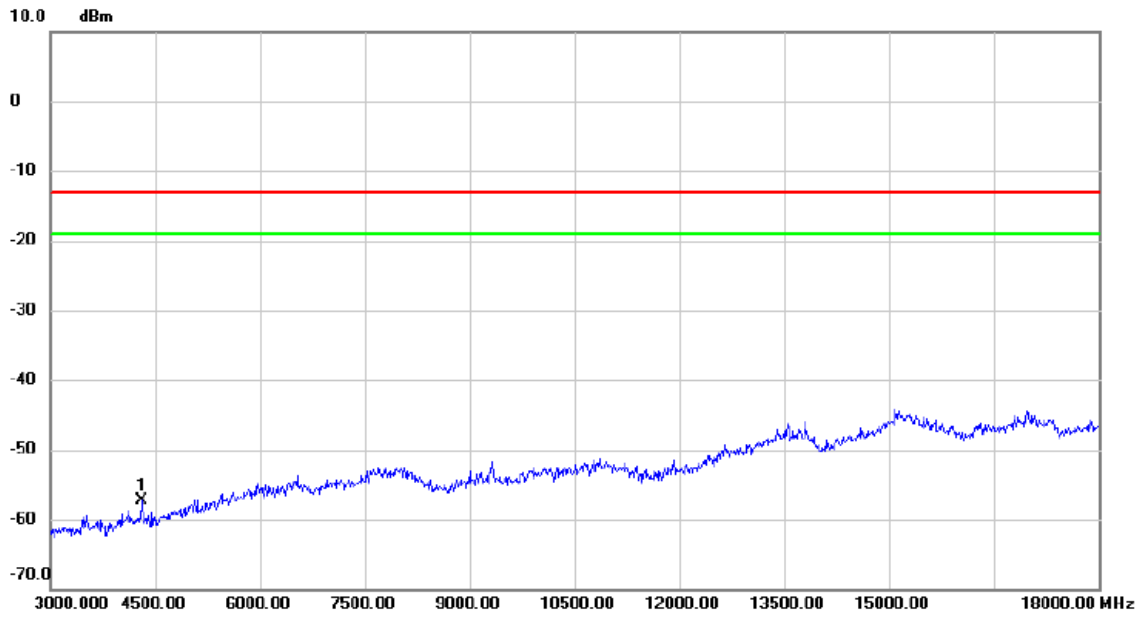
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 4_TX CH20300_20M

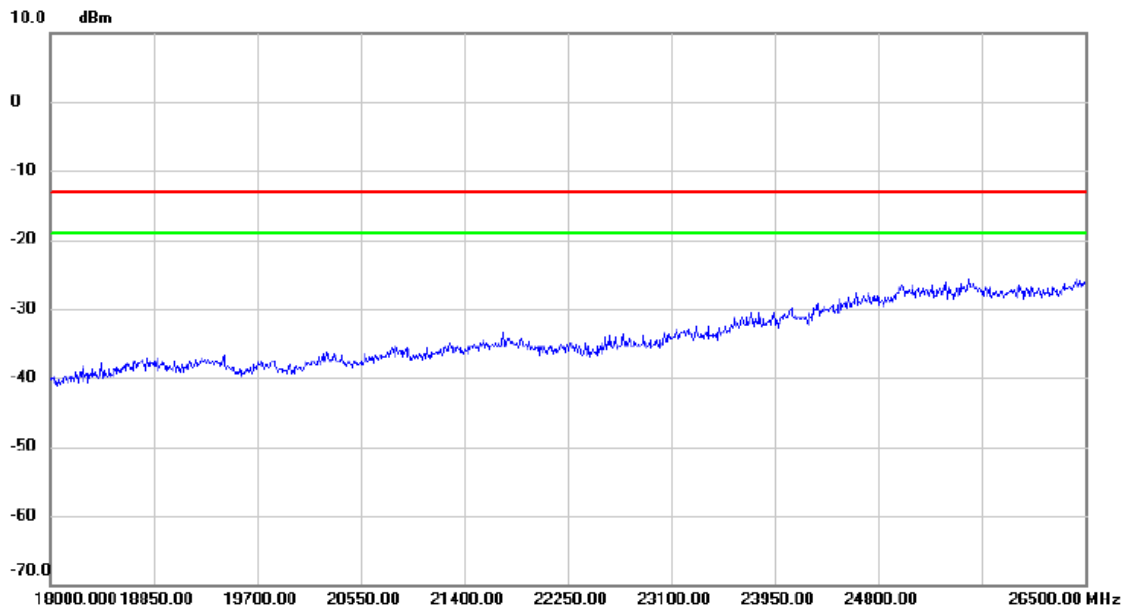
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	4305.000	-58.23	0.91	-57.32	-13.00	-44.32	peak	

Test Mode: LTE Band 4_TX CH20300_20M

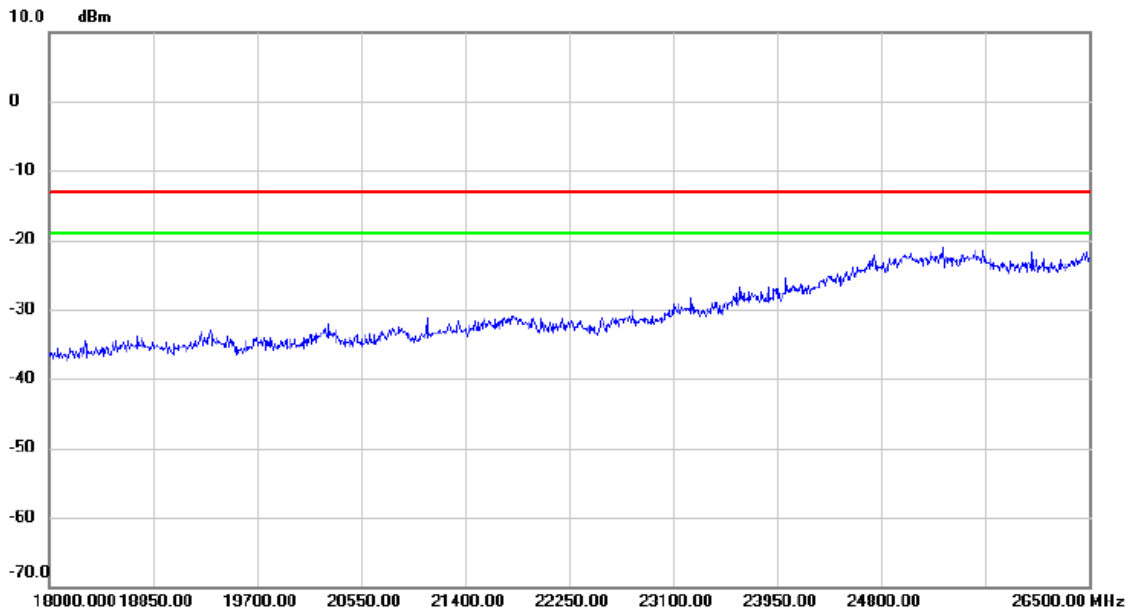
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
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Test Mode: LTE Band 4_TX CH20300_20M

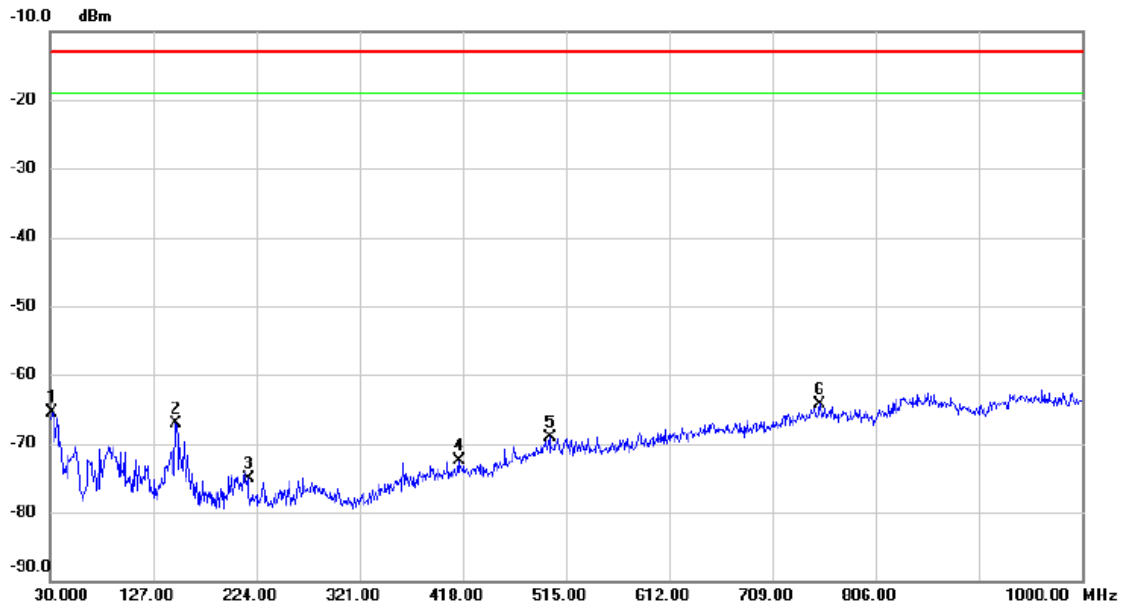
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 7_TX CH20375_5M

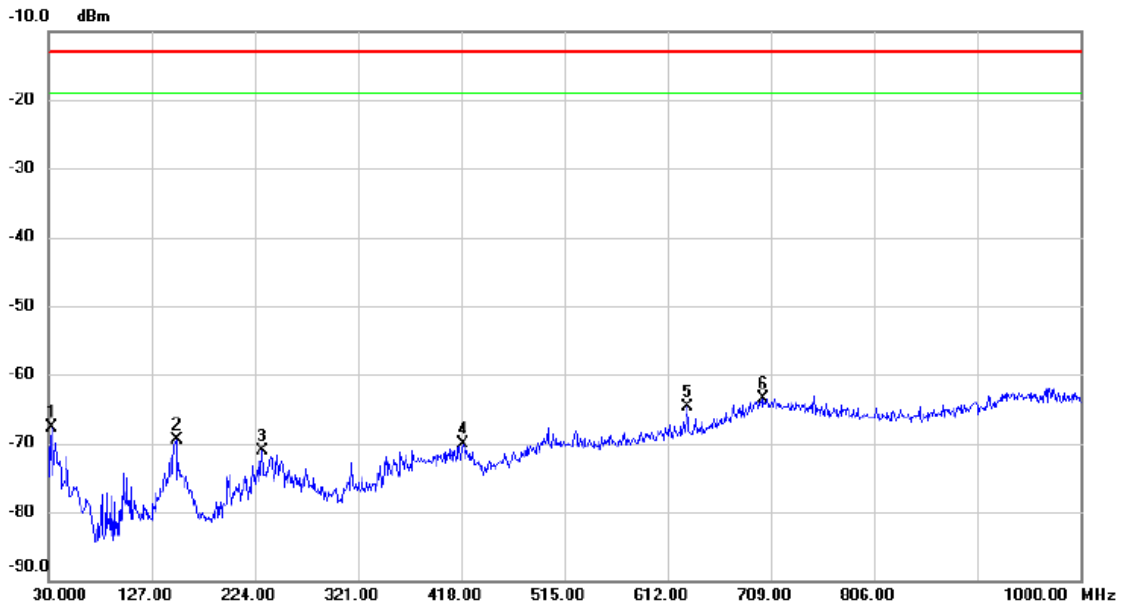
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		31.940	-61.89	-3.65	-65.54	-13.00	-52.54	peak	
2		148.340	-67.06	0.02	-67.04	-13.00	-54.04	peak	
3		216.240	-70.14	-4.91	-75.05	-13.00	-62.05	peak	
4		414.120	-75.97	3.53	-72.44	-13.00	-59.44	peak	
5		499.480	-73.68	4.52	-69.16	-13.00	-56.16	peak	
6	*	753.620	-73.00	8.64	-64.36	-13.00	-51.36	peak	

Test Mode: LTE Band 7_TX CH20375_5M

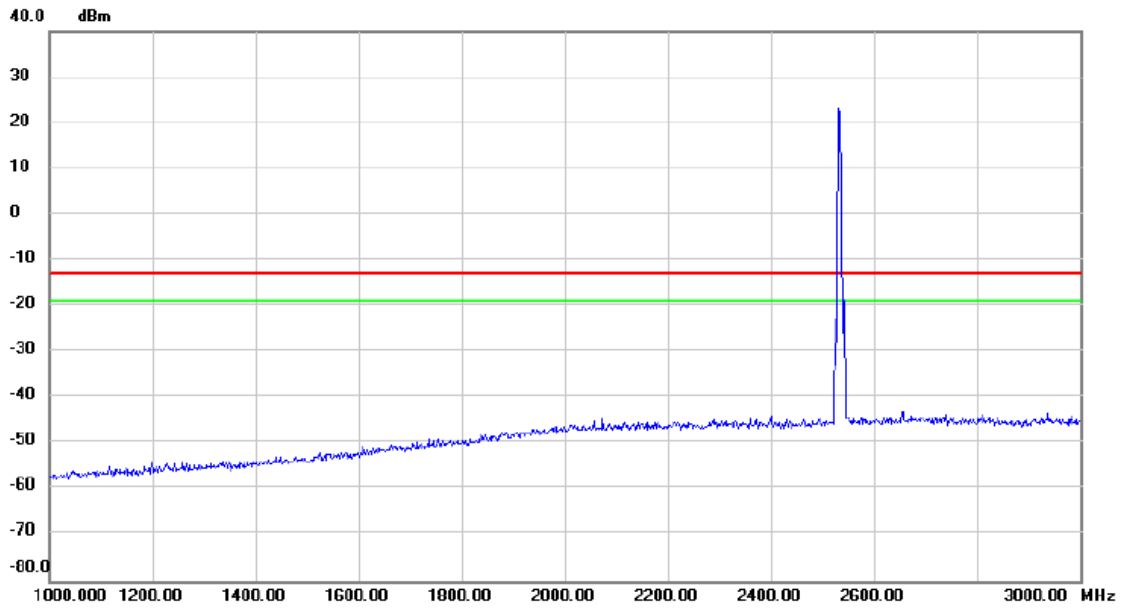
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		32.910	-63.09	-4.53	-67.62	-13.00	-54.62	peak	
2		150.280	-69.37	-0.04	-69.41	-13.00	-56.41	peak	
3		230.790	-67.18	-3.87	-71.05	-13.00	-58.05	peak	
4		419.940	-73.62	3.60	-70.02	-13.00	-57.02	peak	
5		630.430	-71.16	6.49	-64.67	-13.00	-51.67	peak	
6	*	702.210	-70.91	7.48	-63.43	-13.00	-50.43	peak	

Test Mode: LTE Band 7_TX CH21425_5M

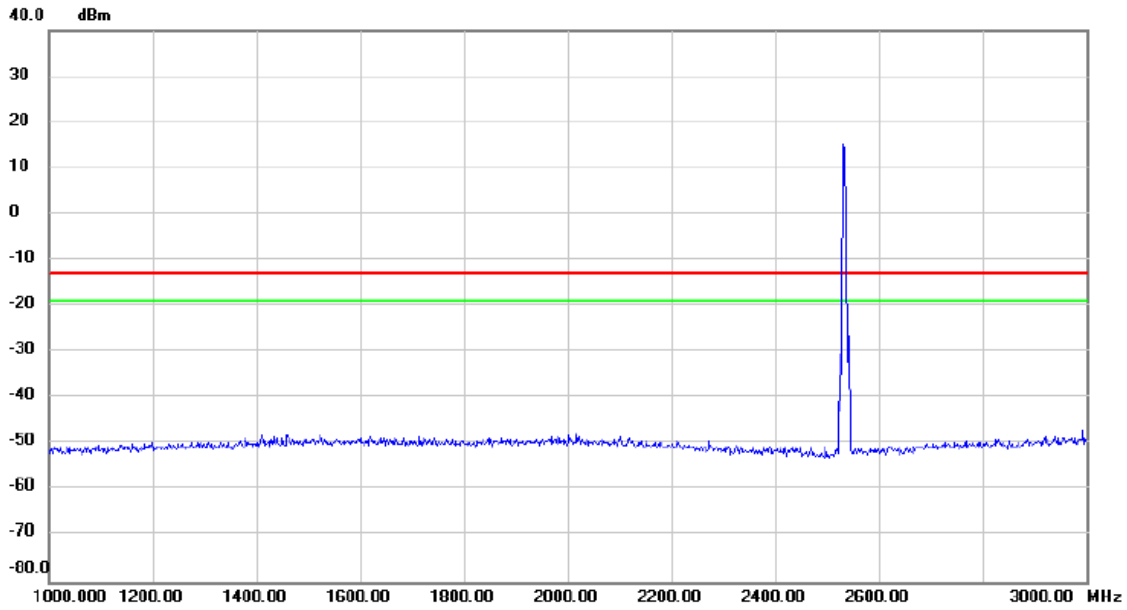
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
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Test Mode: LTE Band 7_TX CH21425_5M

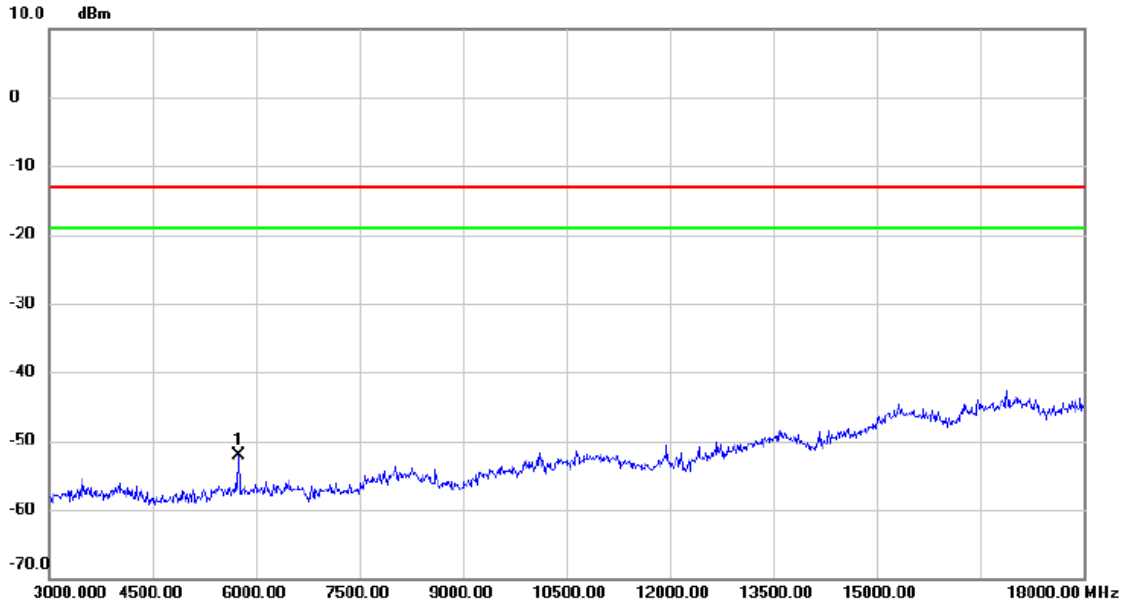
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		2500.00	15.00	0.00	15.00	-12.00	27.00		

Test Mode: LTE Band 7_TX CH21425_5M

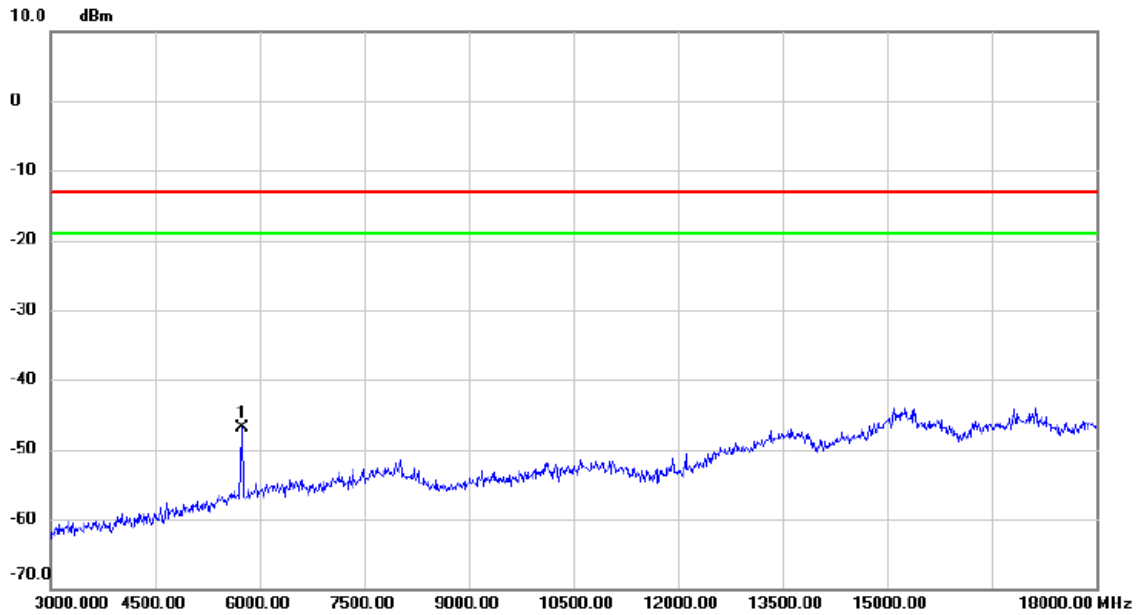
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5745.000	-56.66	4.59	-52.07	-13.00	-39.07	peak	

Test Mode: LTE Band 7_TX CH21425_5M

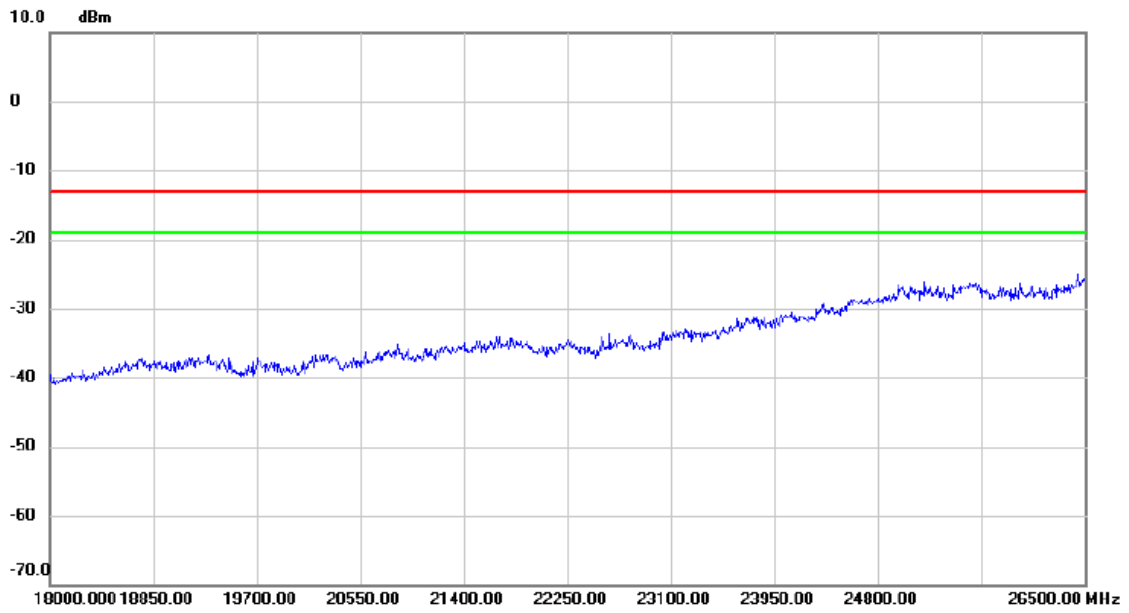
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5745.000	-51.57	4.59	-46.98	-13.00	-33.98	peak	

Test Mode: LTE Band 7_TX CH21425_5M

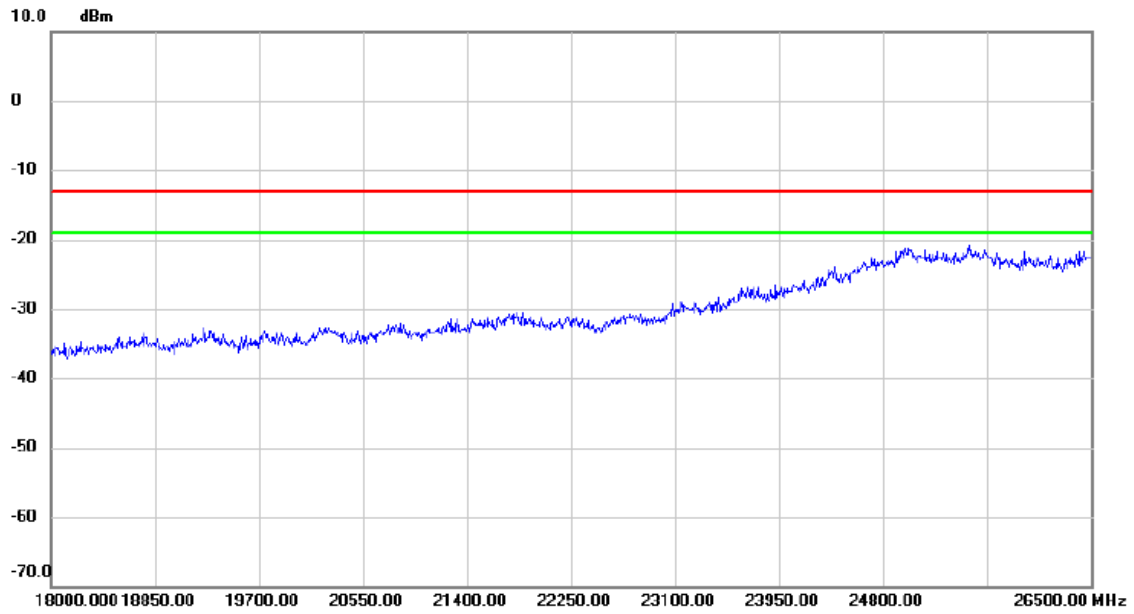
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
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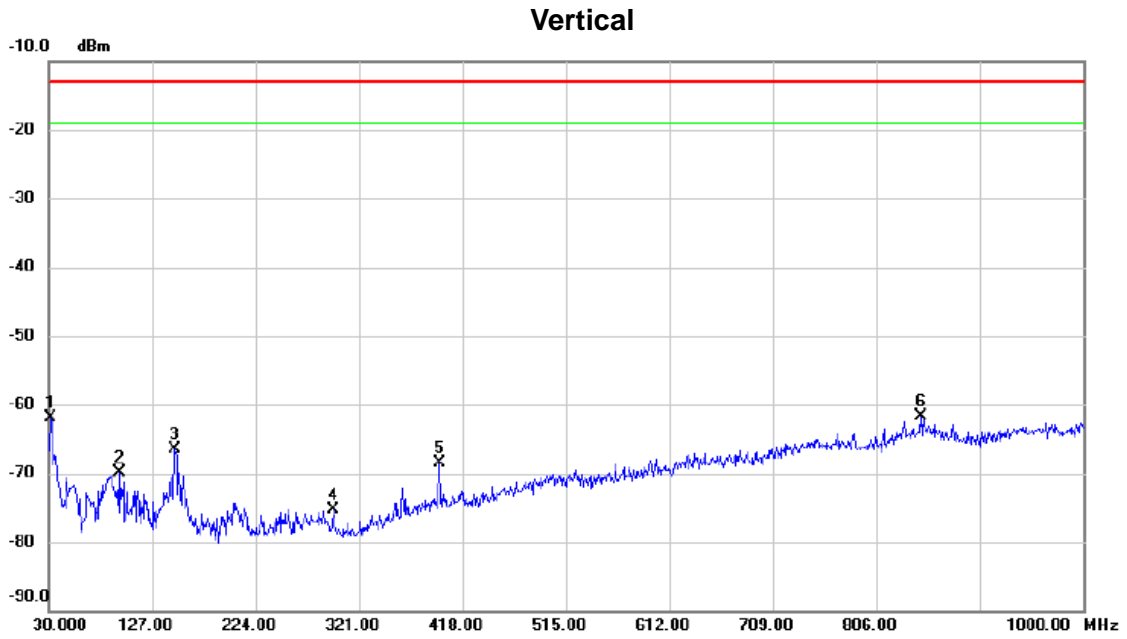
Test Mode: LTE Band 7_TX CH21425_5M

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

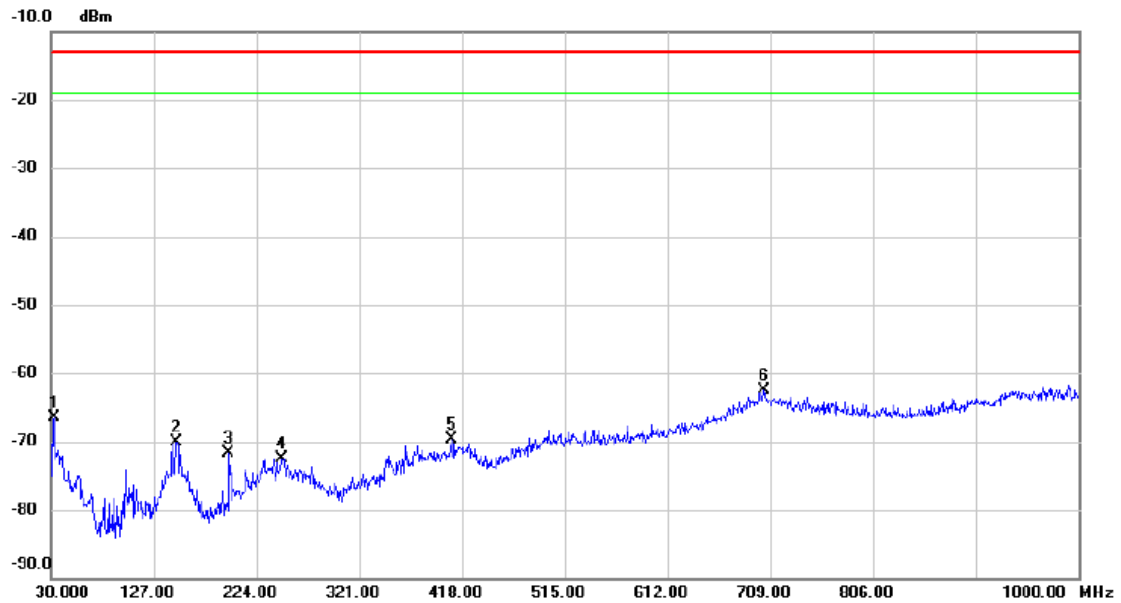
Test Mode: LTE Band 7_TX CH21350_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		31.940	-58.23	-3.65	-61.88	-13.00	-48.88	peak	
2		95.960	-67.37	-2.61	-69.98	-13.00	-56.98	peak	
3		148.340	-66.61	0.02	-66.59	-13.00	-53.59	peak	
4		296.750	-74.20	-1.13	-75.33	-13.00	-62.33	peak	
5		396.660	-71.63	3.19	-68.44	-13.00	-55.44	peak	
6	*	847.710	-72.37	10.65	-61.72	-13.00	-48.72	peak	

Test Mode: LTE Band 7_TX CH21350_20M

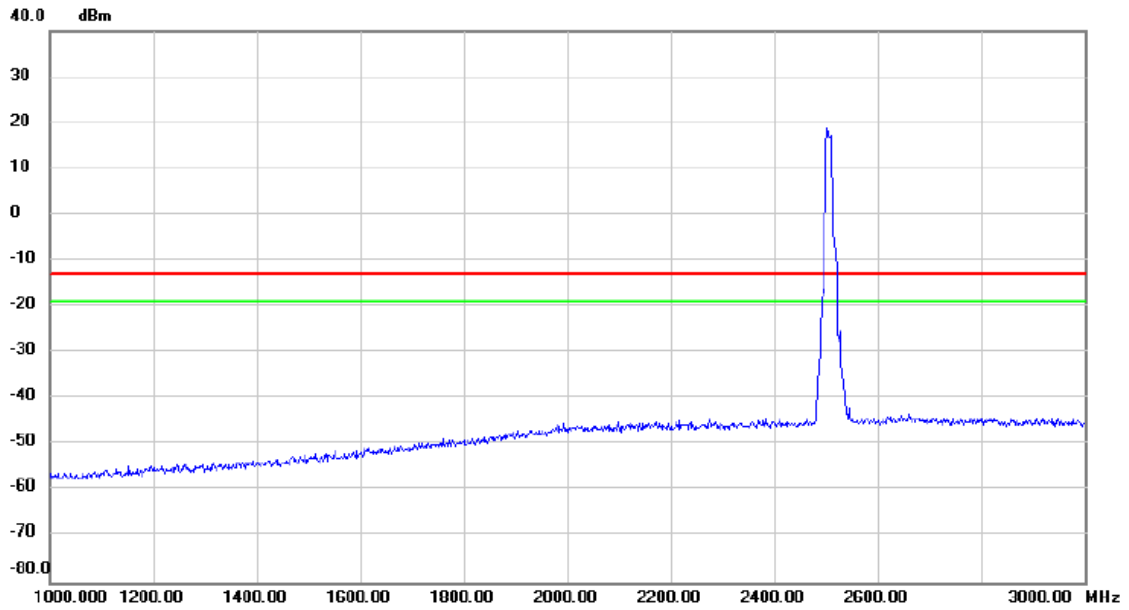
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		32.910	-61.95	-4.53	-66.48	-13.00	-53.48	peak	
2		148.340	-70.19	0.02	-70.17	-13.00	-57.17	peak	
3		197.810	-68.00	-3.77	-71.77	-13.00	-58.77	peak	
4		248.250	-69.54	-2.87	-72.41	-13.00	-59.41	peak	
5		408.300	-73.16	3.45	-69.71	-13.00	-56.71	peak	
6	*	703.180	-69.99	7.50	-62.49	-13.00	-49.49	peak	

Test Mode: LTE Band 7_TX CH21350_20M

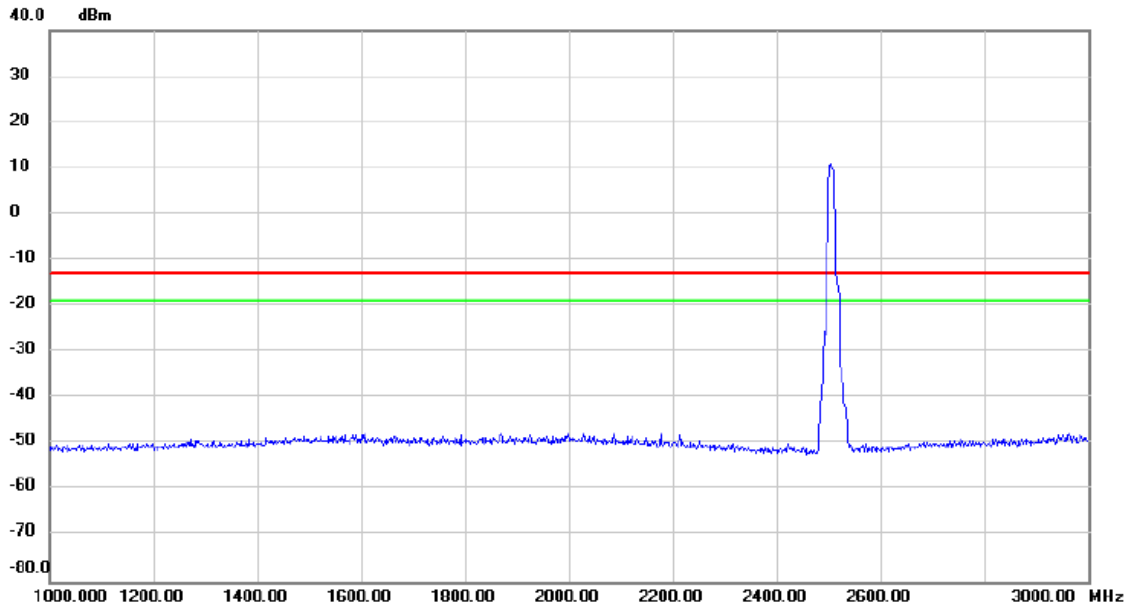
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment

Test Mode: LTE Band 7_TX CH21350_20M

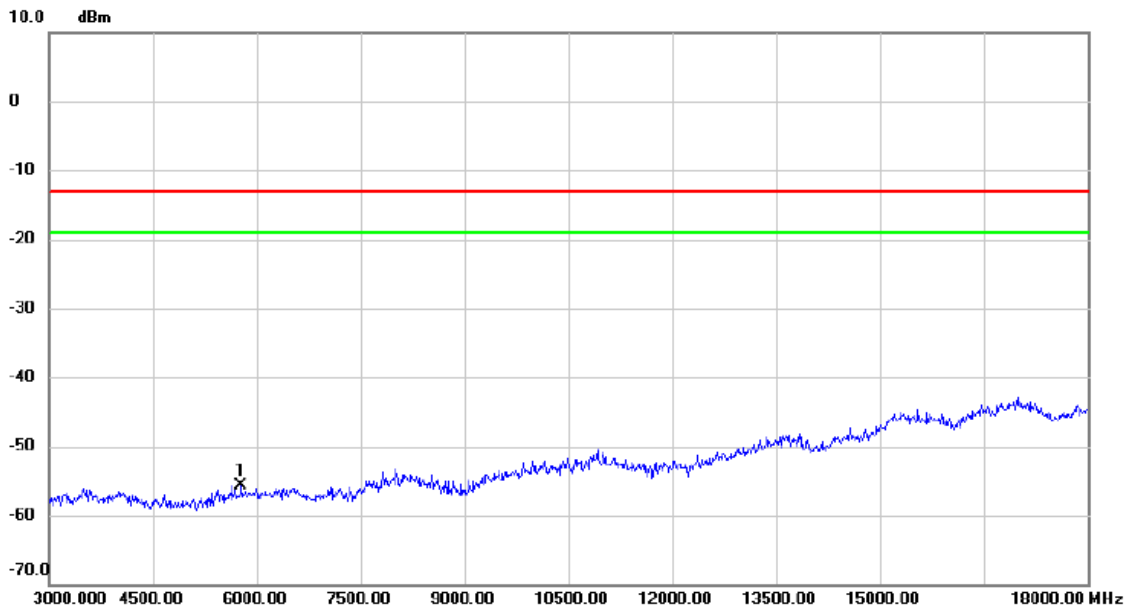
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		2500.00	10.00		10.00	-10.00	20.00		

Test Mode: LTE Band 7_TX CH21350_20M

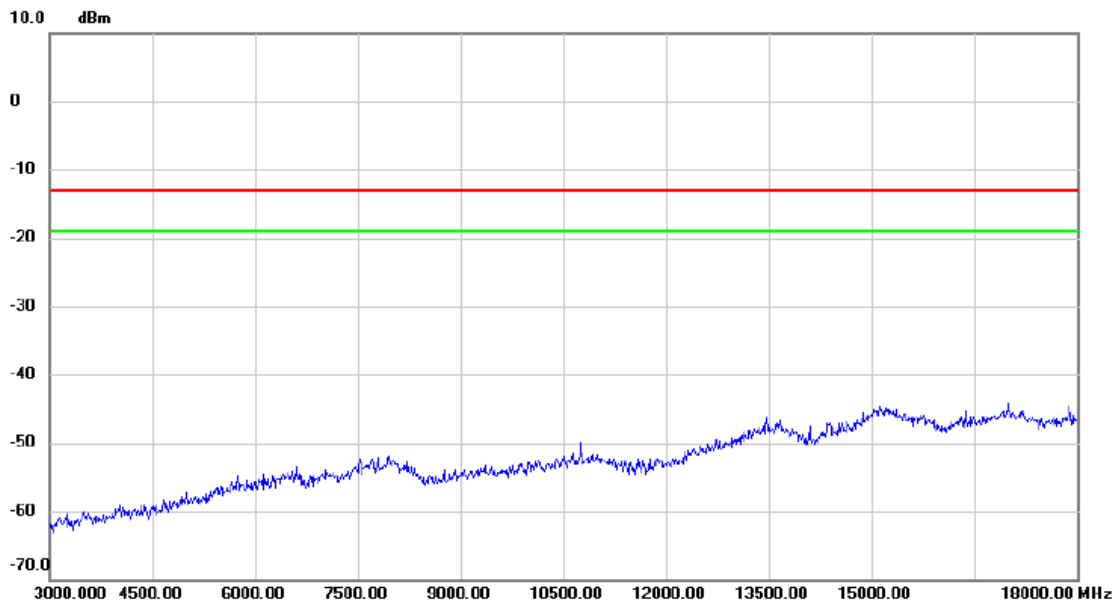
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5775.000	-60.35	4.68	-55.67	-13.00	-42.67	peak	

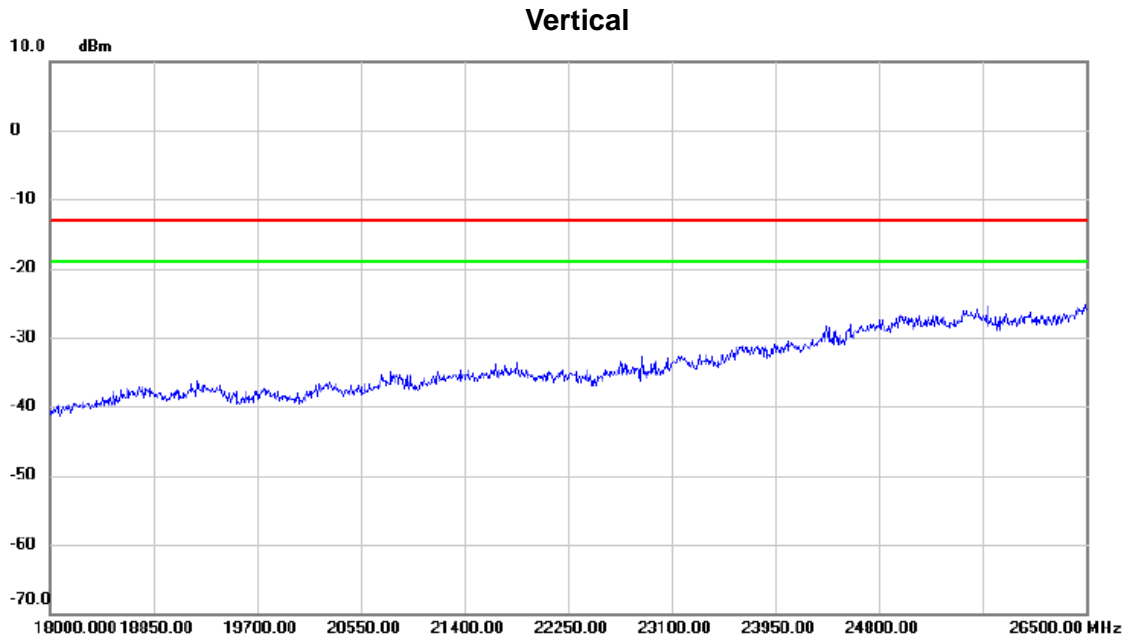
Test Mode: LTE Band 7_TX CH21350_20M

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

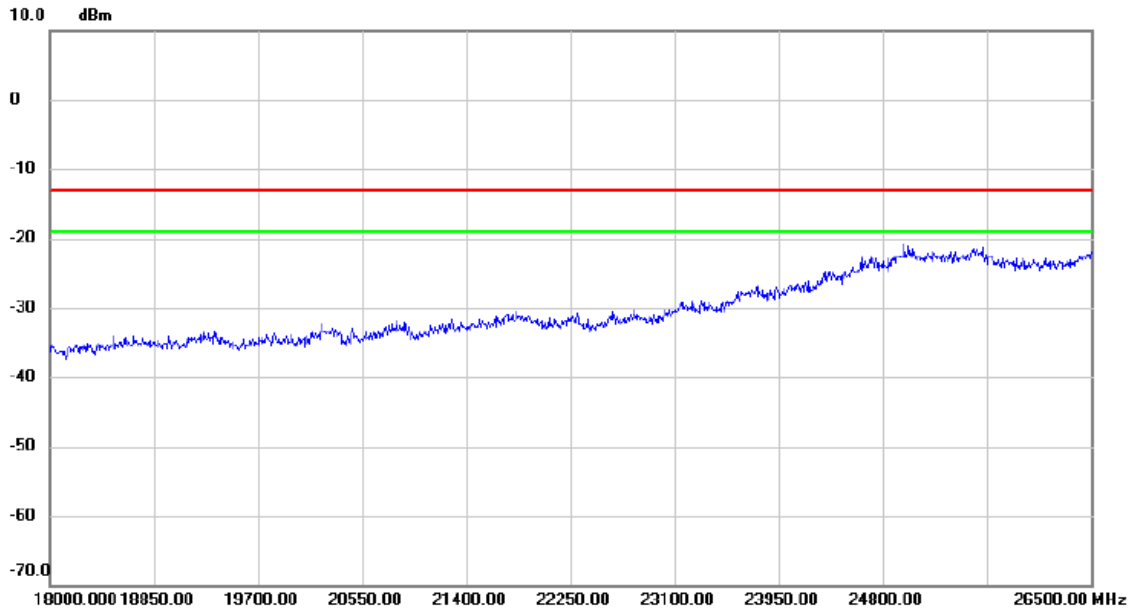
Test Mode: LTE Band 7_TX CH21350_20M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 7_TX CH21350_20M

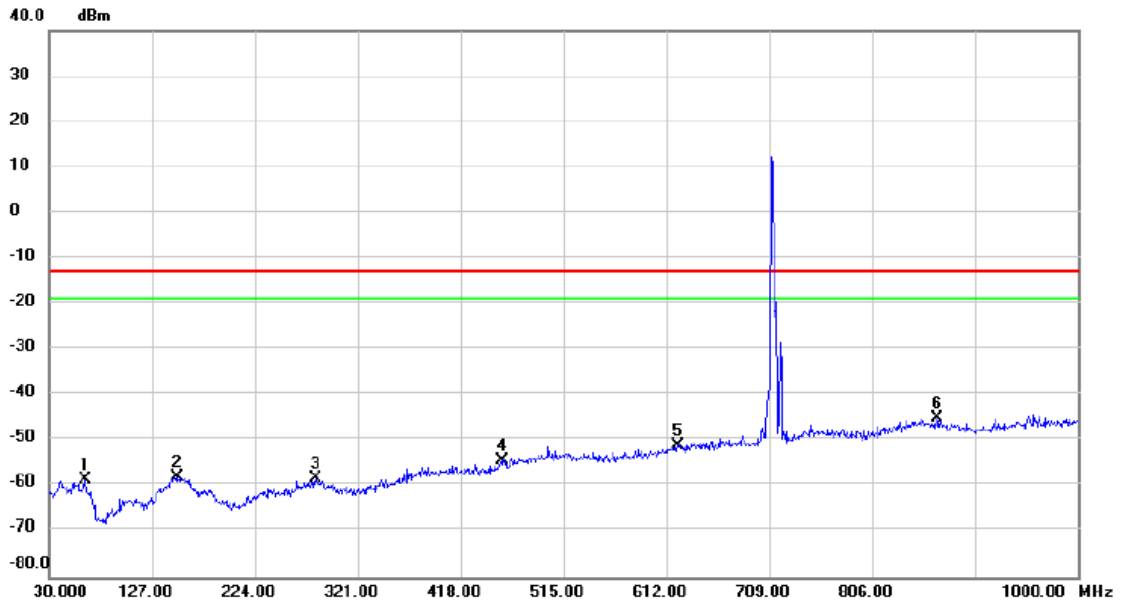
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 12_TX CH23095_5M

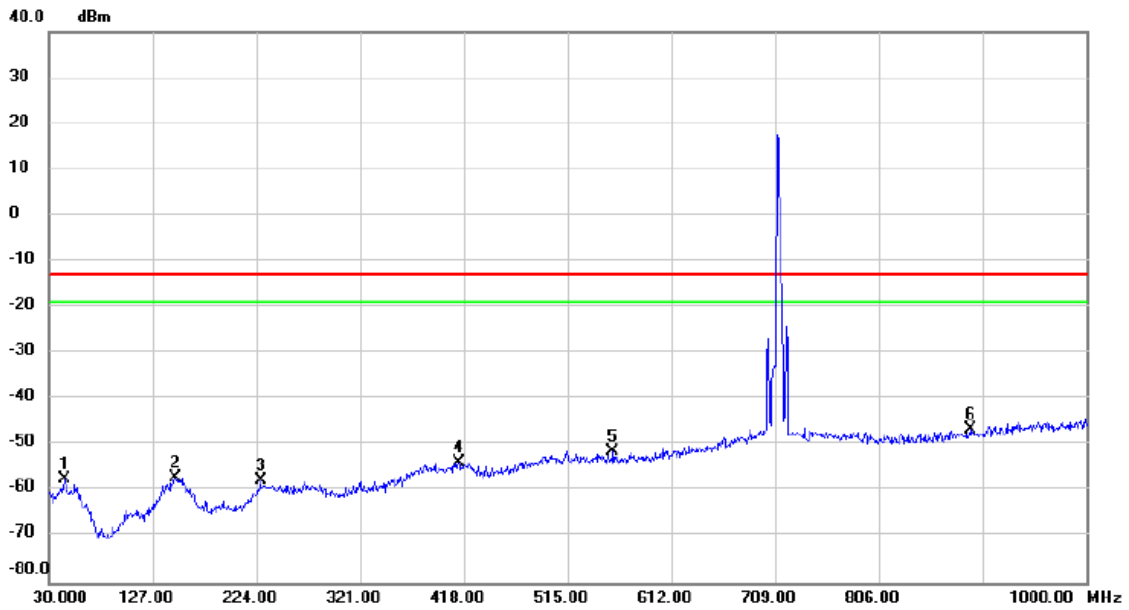
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		63.950	-63.88	5.44	-58.44	-13.00	-45.44	peak	
2		150.280	-68.05	9.96	-58.09	-13.00	-45.09	peak	
3		281.230	-67.05	8.65	-58.40	-13.00	-45.40	peak	
4		456.800	-68.26	14.05	-54.21	-13.00	-41.21	peak	
5		622.670	-67.38	16.37	-51.01	-13.00	-38.01	peak	
6	*	867.110	-65.85	20.92	-44.93	-13.00	-31.93	peak	

Test Mode: LTE Band 12_TX CH23095_5M

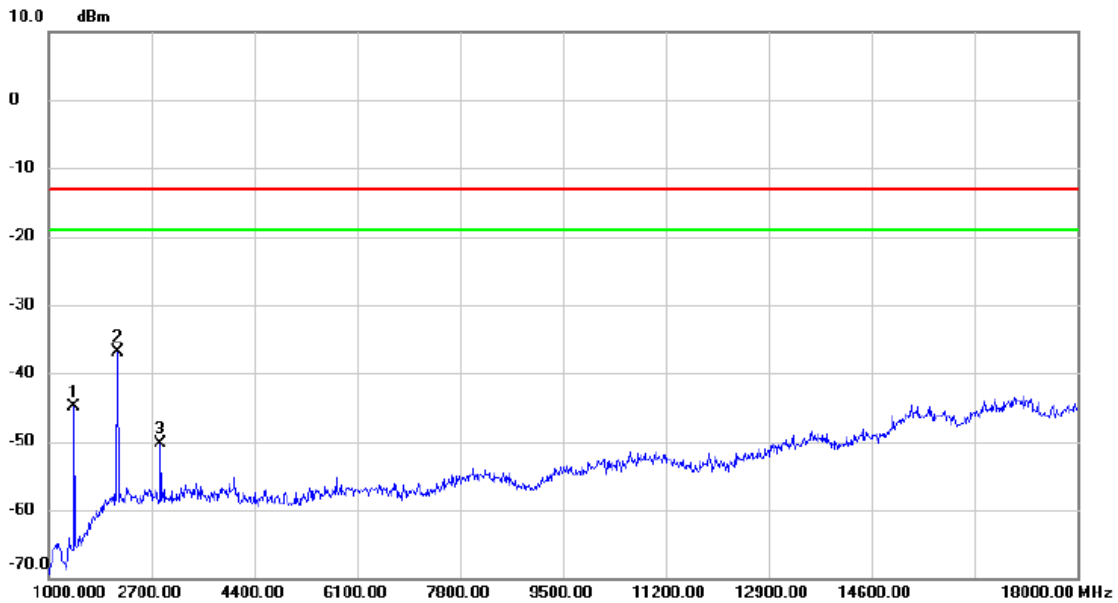
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		44.550	-59.73	2.28	-57.45	-13.00	-44.45	peak	
2		148.340	-67.15	10.02	-57.13	-13.00	-44.13	peak	
3		227.880	-63.62	5.94	-57.68	-13.00	-44.68	peak	
4		413.150	-67.23	13.52	-53.71	-13.00	-40.71	peak	
5		557.680	-66.28	14.97	-51.31	-13.00	-38.31	peak	
6	*	891.360	-67.92	21.25	-46.67	-13.00	-33.67	peak	

Test Mode: LTE Band 12_TX CH23095_5M

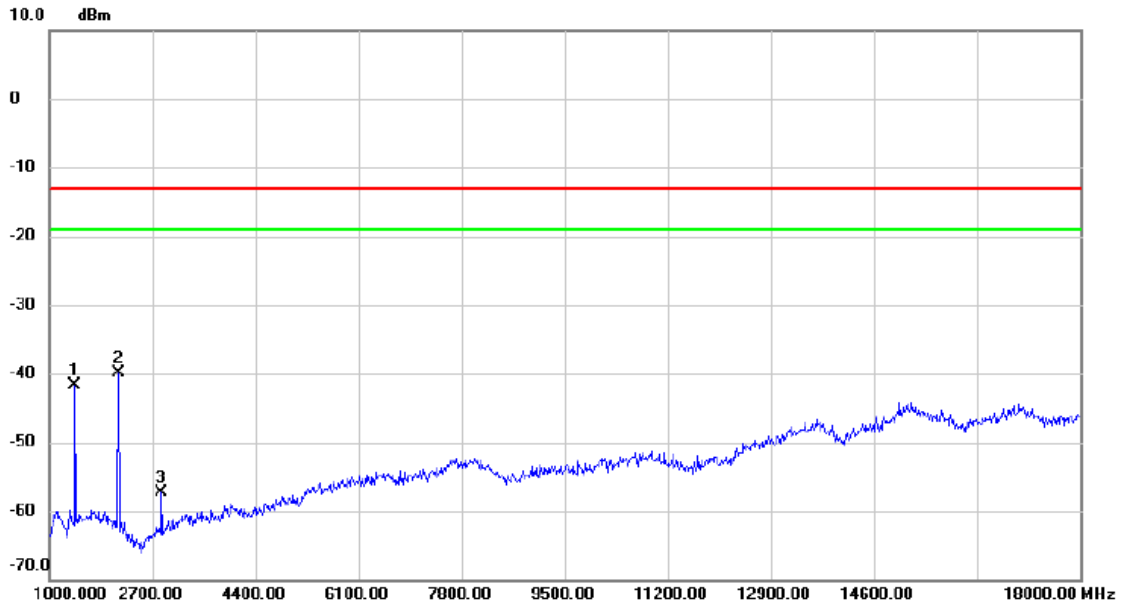
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1425.000	-34.97	-10.00	-44.97	-13.00	-31.97	peak	
2	*	2139.000	-29.23	-7.75	-36.98	-13.00	-23.98	peak	
3		2853.000	-45.50	-4.72	-50.22	-13.00	-37.22	peak	

Test Mode: LTE Band 12_TX CH23095_5M

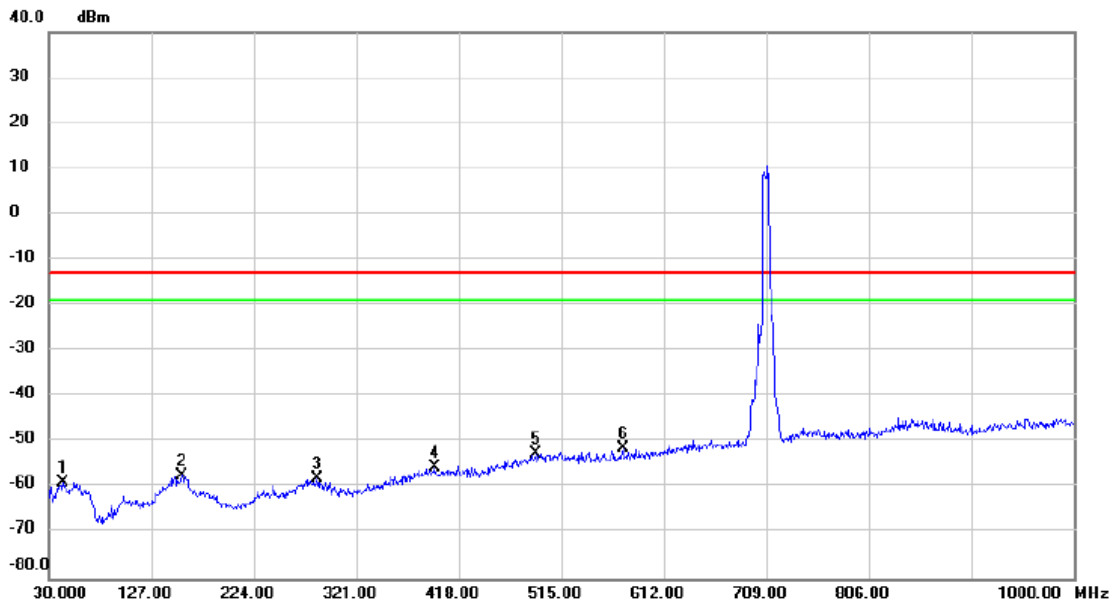
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1425.000	-31.64	-10.00	-41.64	-13.00	-28.64	peak	
2	*	2139.000	-32.22	-7.75	-39.97	-13.00	-26.97	peak	
3		2853.000	-52.58	-4.72	-57.30	-13.00	-44.30	peak	

Test Mode: LTE Band 12_TX CH23060_10M

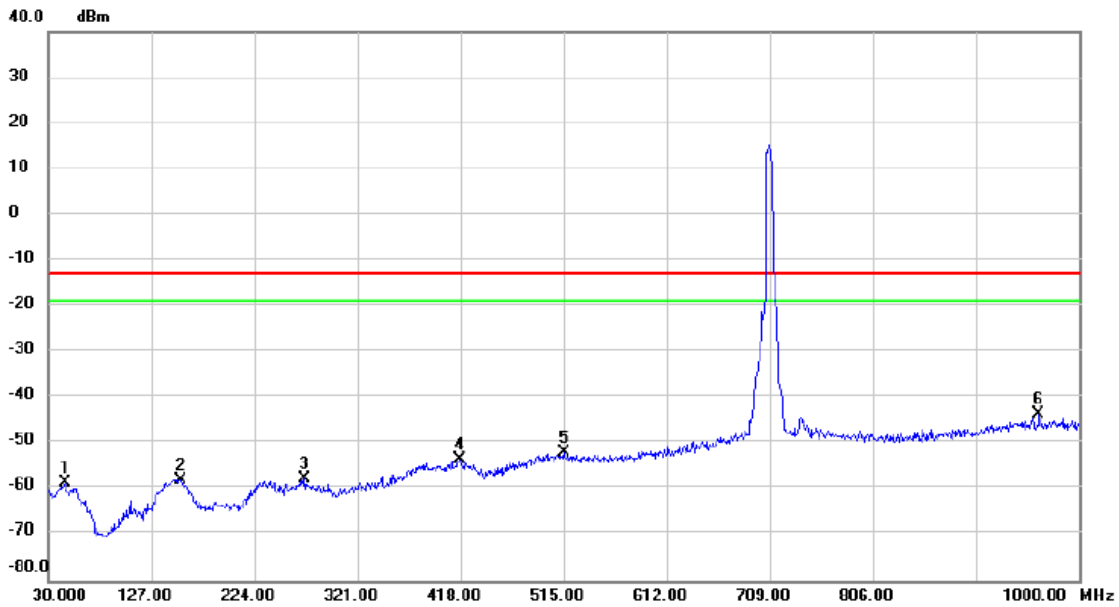
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		43.580	-60.78	1.99	-58.79	-13.00	-45.79	peak	
2		156.100	-66.73	9.53	-57.20	-13.00	-44.20	peak	
3		284.140	-66.64	8.69	-57.95	-13.00	-44.95	peak	
4		394.720	-68.78	13.09	-55.69	-13.00	-42.69	peak	
5		490.750	-66.84	14.43	-52.41	-13.00	-39.41	peak	
6	*	573.200	-66.60	15.36	-51.24	-13.00	-38.24	peak	

Test Mode: LTE Band 12_TX CH23060_10M

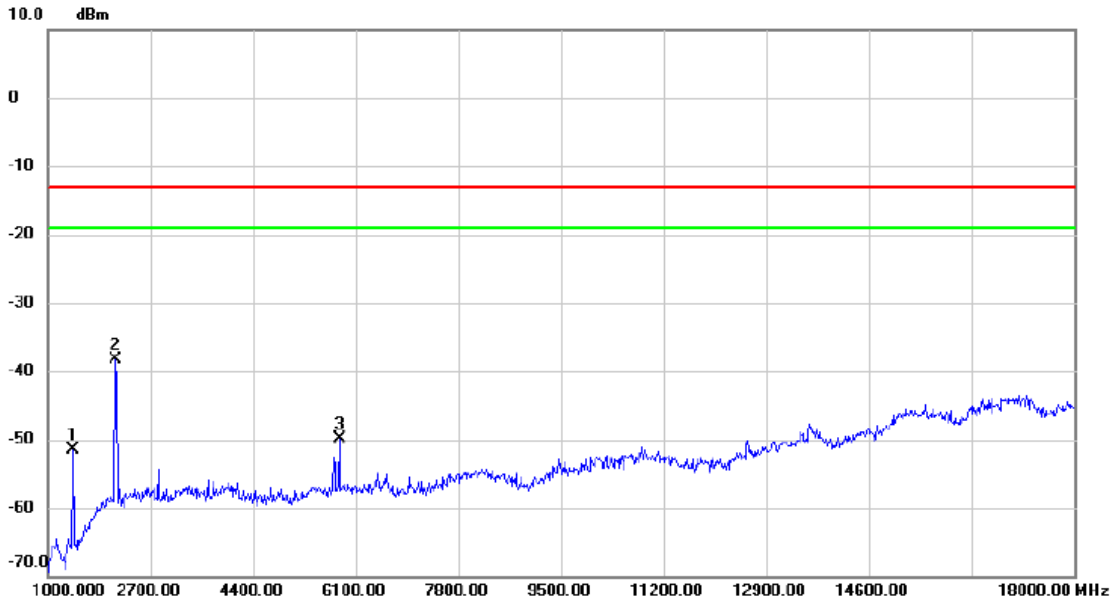
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		45.520	-61.19	2.75	-58.44	-13.00	-45.44	peak	
2		155.130	-67.46	9.60	-57.86	-13.00	-44.86	peak	
3		271.530	-65.76	7.97	-57.79	-13.00	-44.79	peak	
4		417.030	-67.07	13.56	-53.51	-13.00	-40.51	peak	
5		515.000	-66.70	14.61	-52.09	-13.00	-39.09	peak	
6	*	962.170	-65.66	22.08	-43.58	-13.00	-30.58	peak	

Test Mode: LTE Band 12_TX CH23060_10M

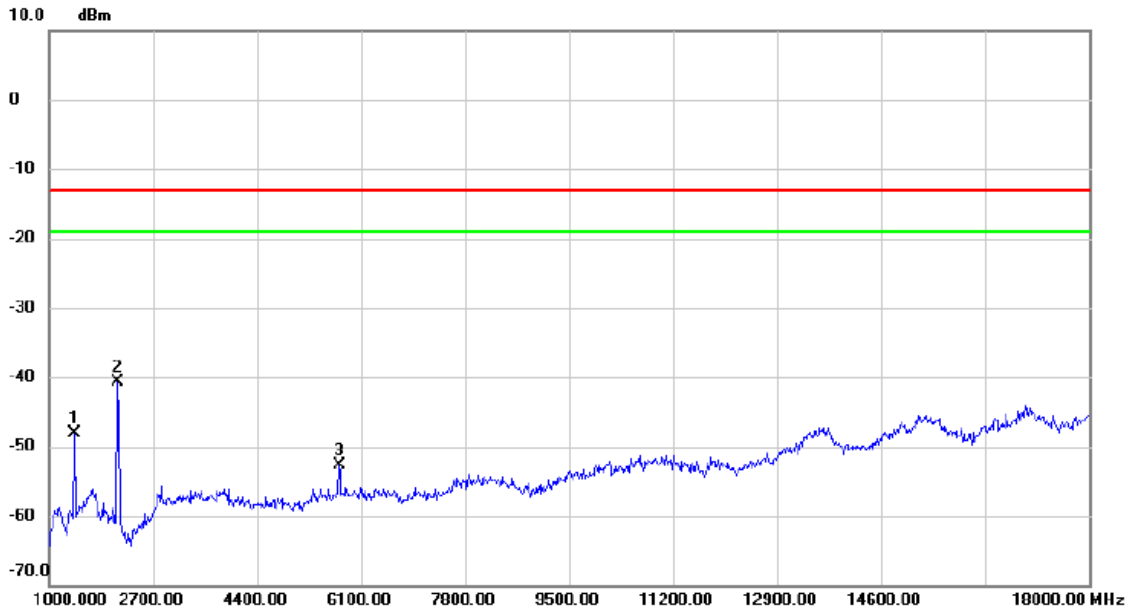
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1425.000	-41.44	-10.00	-51.44	-13.00	-38.44	peak	
2	*	2122.000	-30.37	-7.85	-38.22	-13.00	-25.22	peak	
3		5828.000	-54.80	4.84	-49.96	-13.00	-36.96	peak	

Test Mode: LTE Band 12_TX CH23060_10M

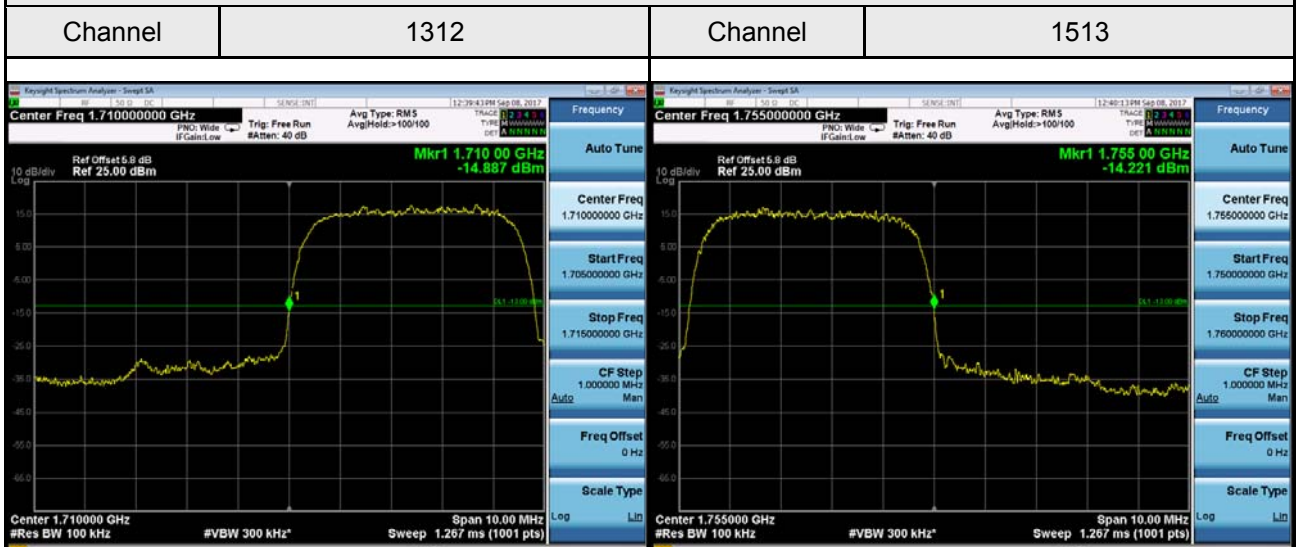
Horizontal



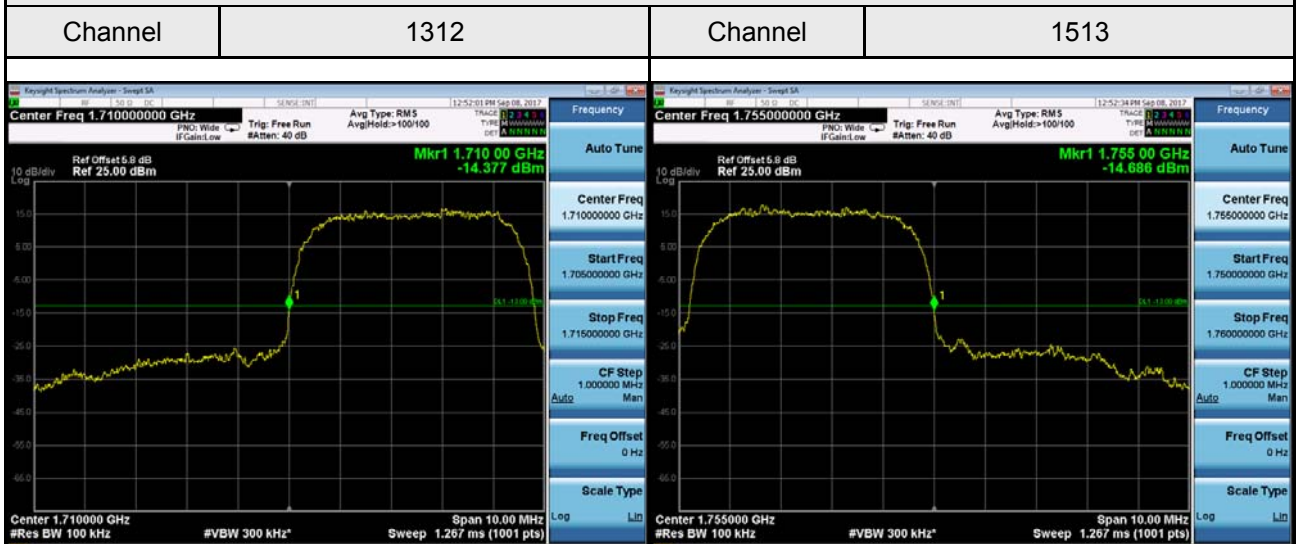
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		1425.000	-38.03	-10.00	-48.03	-13.00	-35.03	peak	
2	*	2122.000	-32.77	-7.85	-40.62	-13.00	-27.62	peak	
3		5743.000	-57.18	4.58	-52.60	-13.00	-39.60	peak	

ATTACHMENT E - BAND EDGE

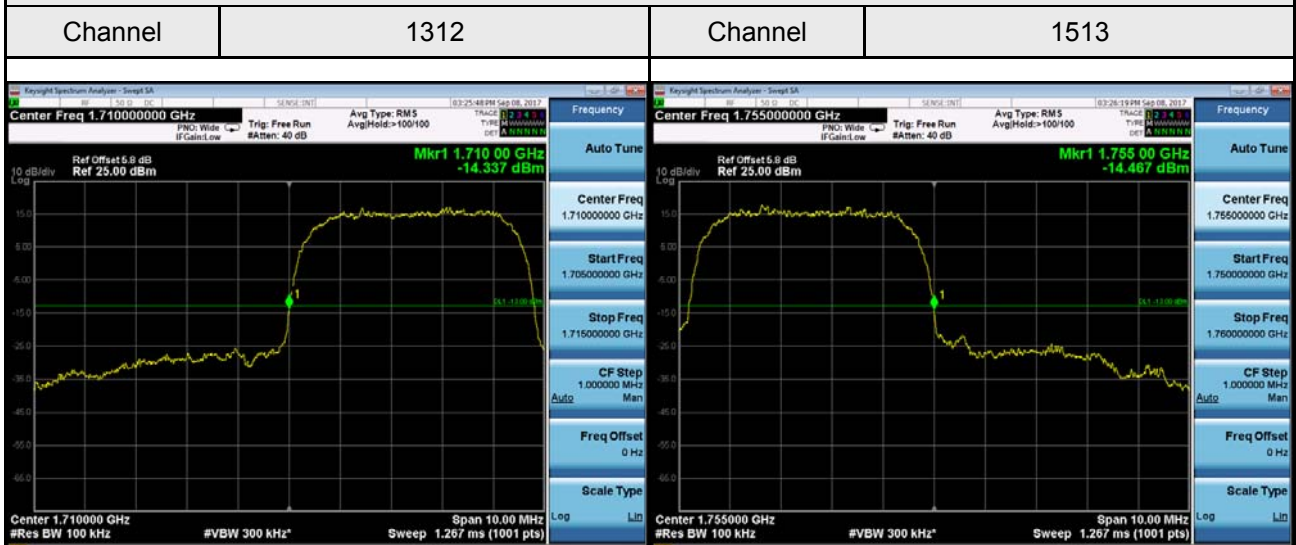
WCDMA Band 4_WCDMA



WCDMA Band 4_HSDPA



WCDMA Band 4_HSUPA



LTE Band 4_5M

1RB0

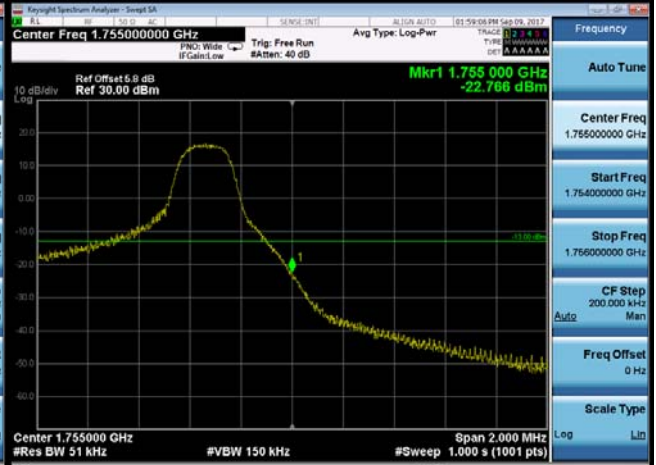
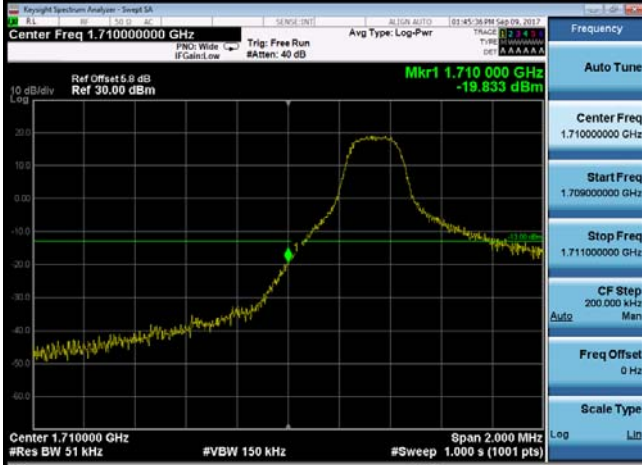
1RB24

Channel

19975

Channel

20375



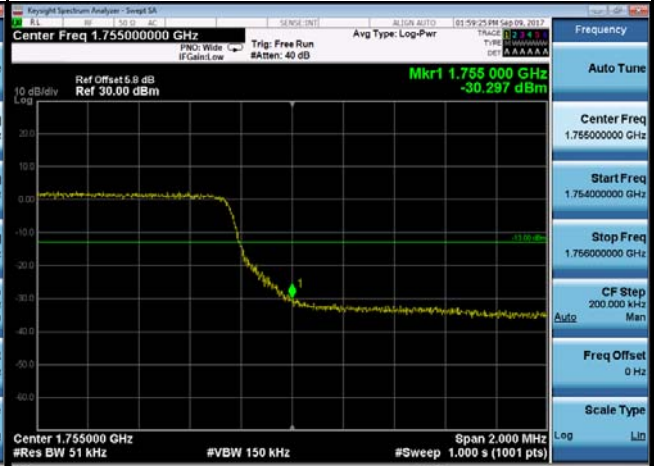
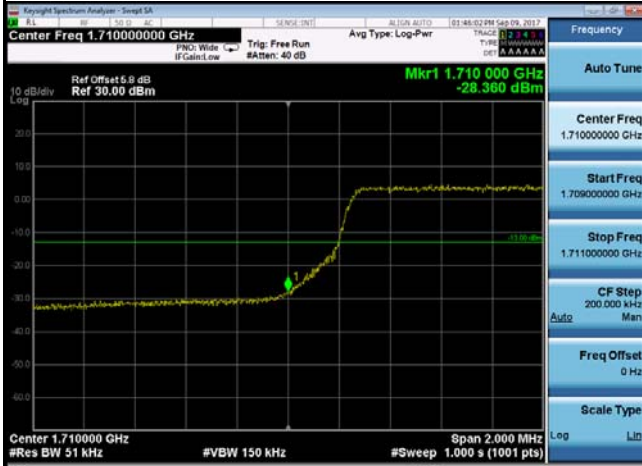
25RB0

Channel

19975

Channel

20375



LTE Band 4_10M

1RB0

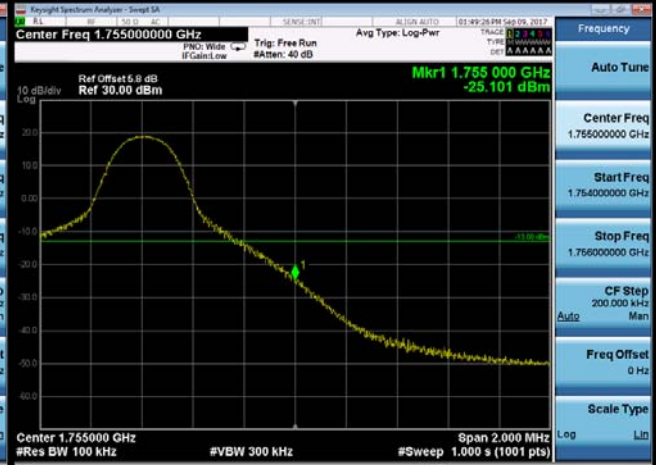
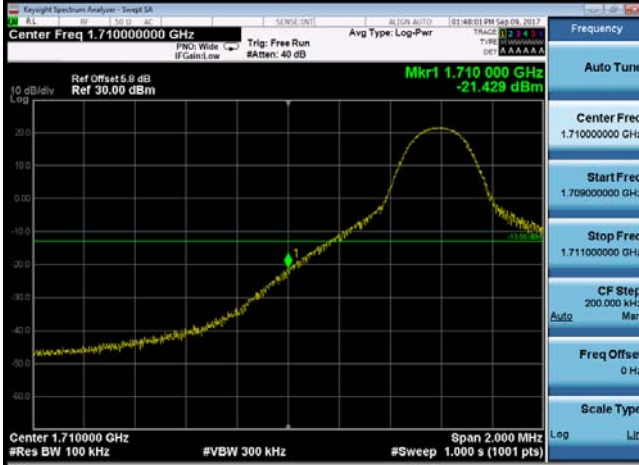
1RB49

Channel

20000

Channel

20350



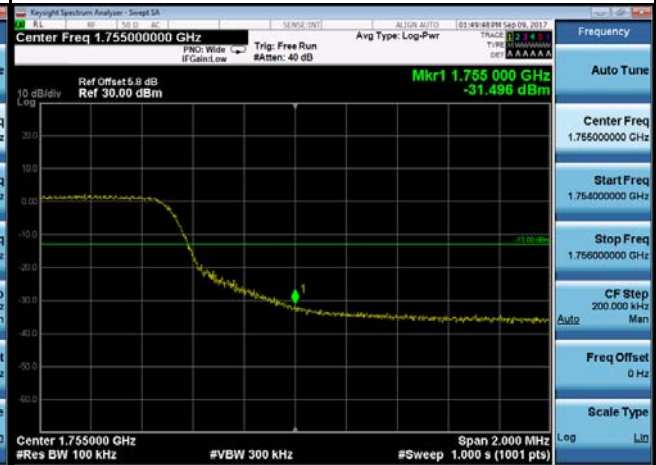
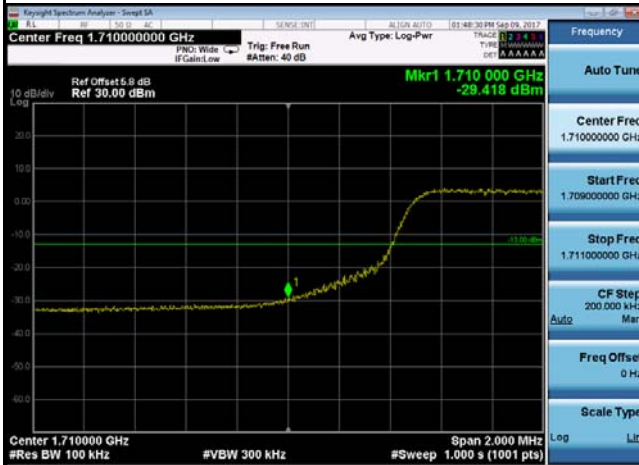
50RB0

Channel

20000

Channel

20350



LTE Band 4_15M

1RB0

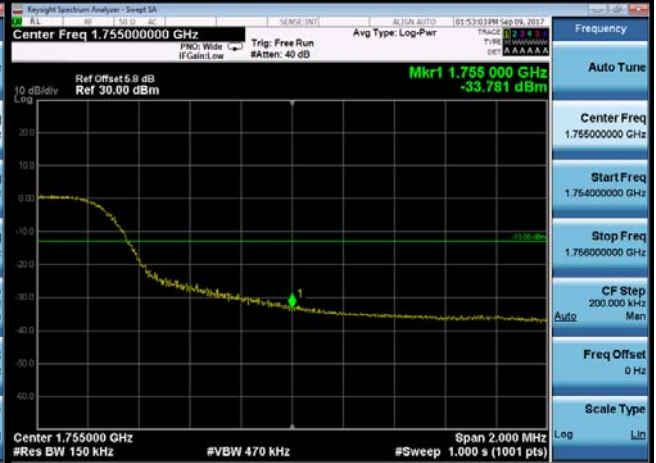
1RB74

Channel

20025

Channel

20325



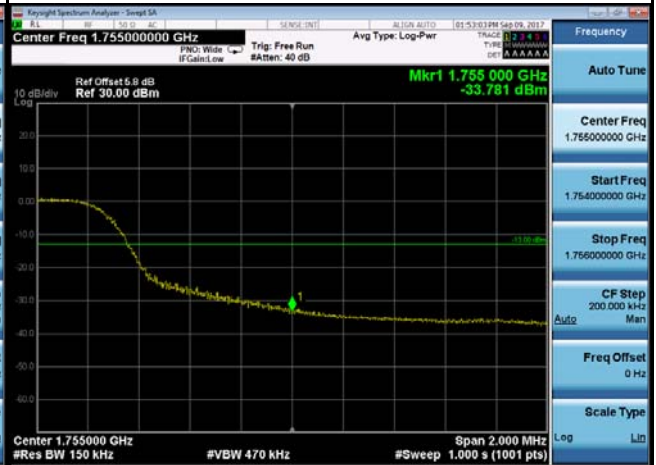
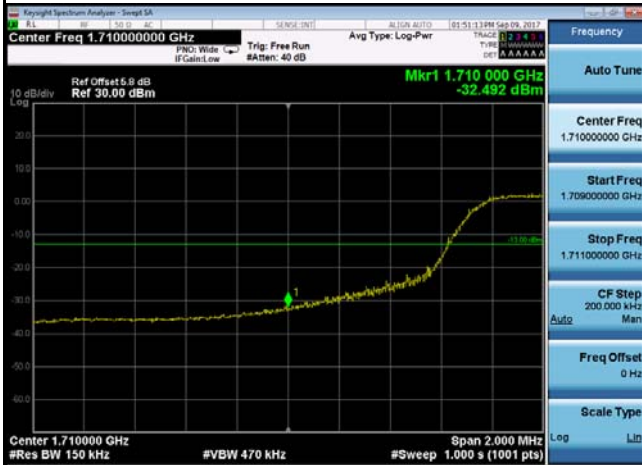
75RB0

Channel

20025

Channel

20325



LTE Band 4_20M

1RB0

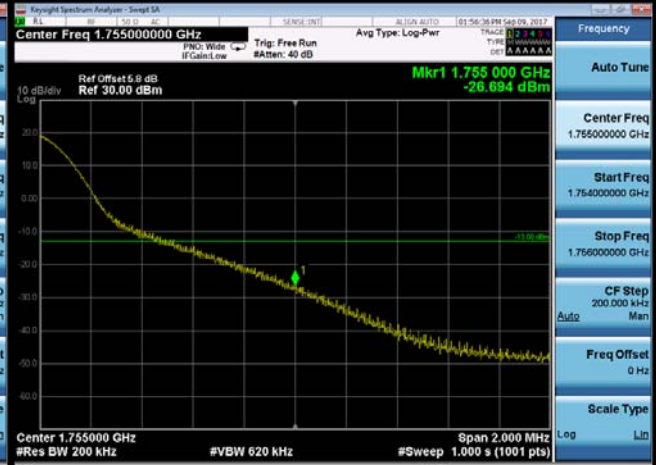
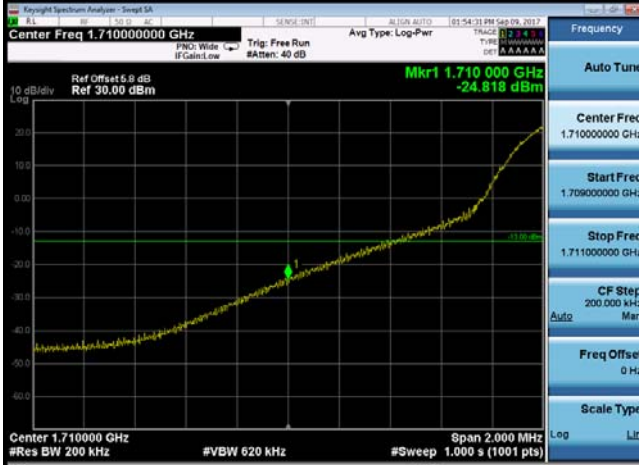
1RB99

Channel

20050

Channel

20300



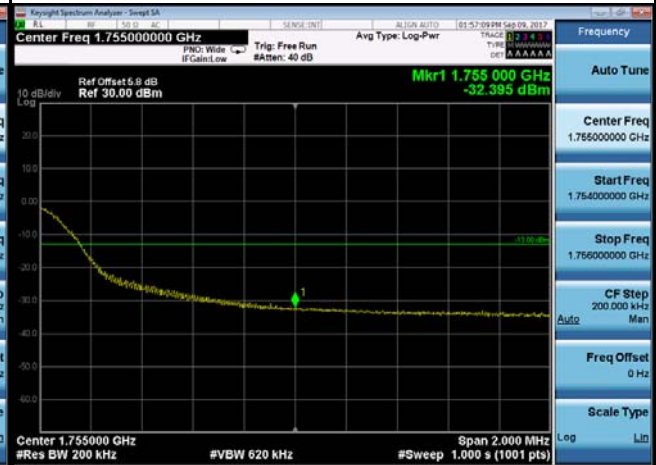
100RB0

Channel

20050

Channel

20300



LTE Band 7_5M

1RB0

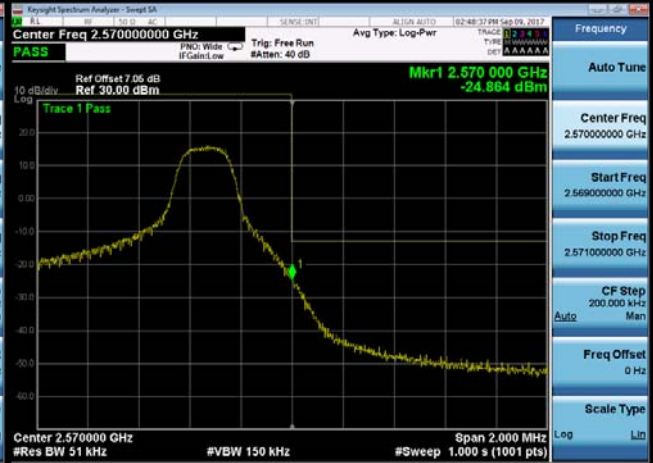
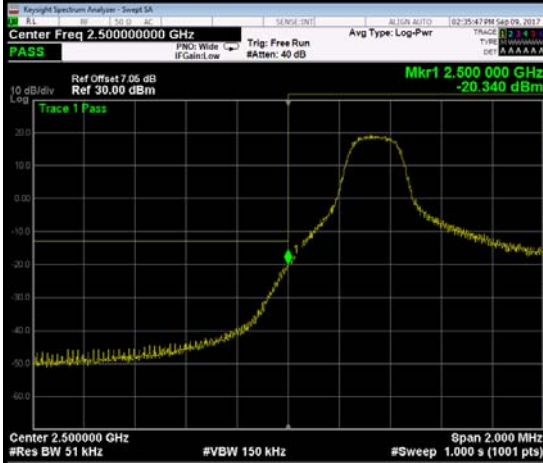
1RB24

Channel

20775

Channel

21425



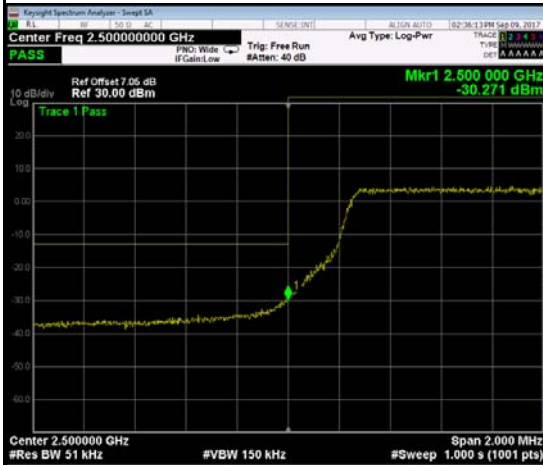
25RB0

Channel

20775

Channel

21425



LTE Band 7_10M

1RB0

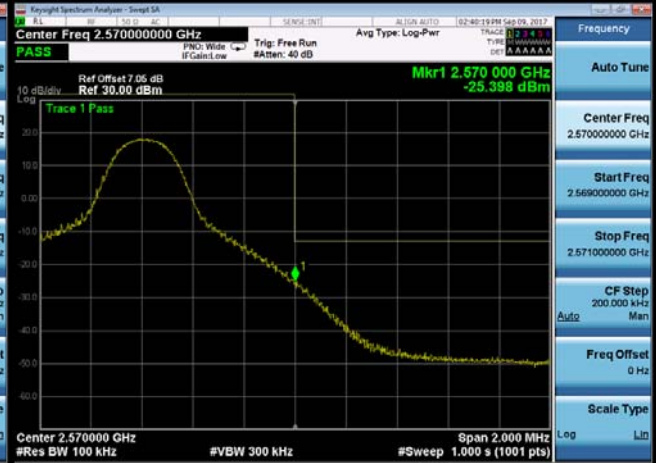
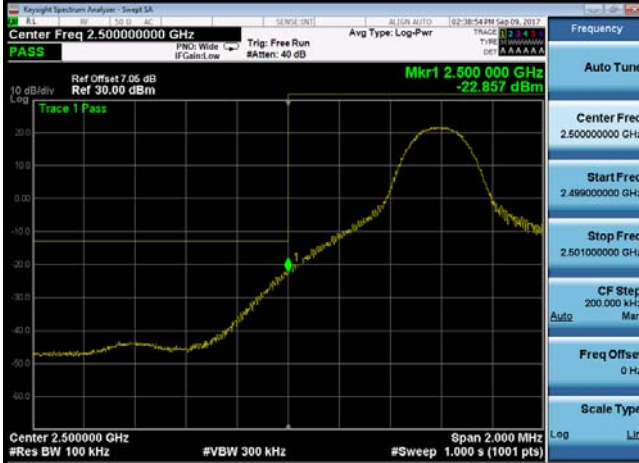
1RB49

Channel

20800

Channel

21400



50RB0

Channel

20800

Channel

21400



LTE Band 7_15M

1RB0

1RB74

Channel

20825

Channel

21375



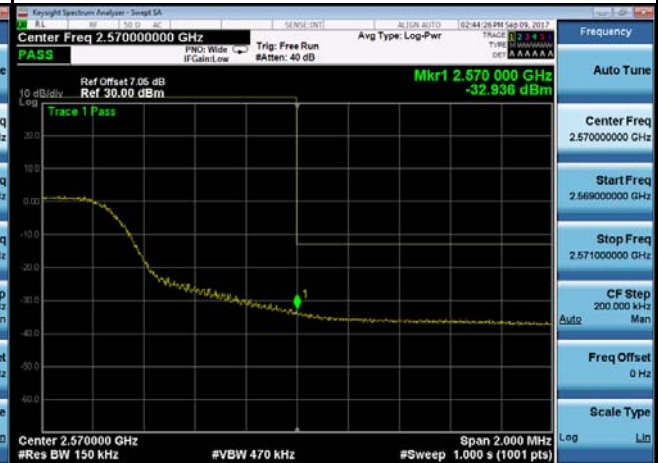
75RB0

Channel

20825

Channel

21375



LTE Band 7_20M

1RB0

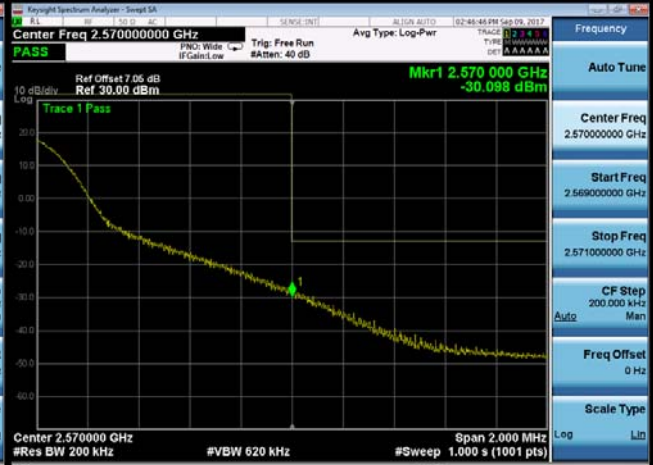
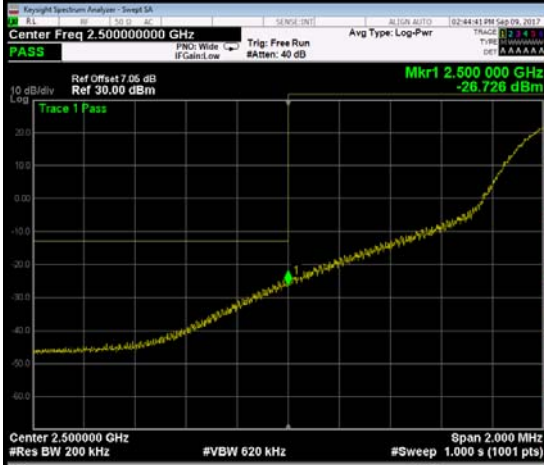
1RB99

Channel

20850

Channel

21350



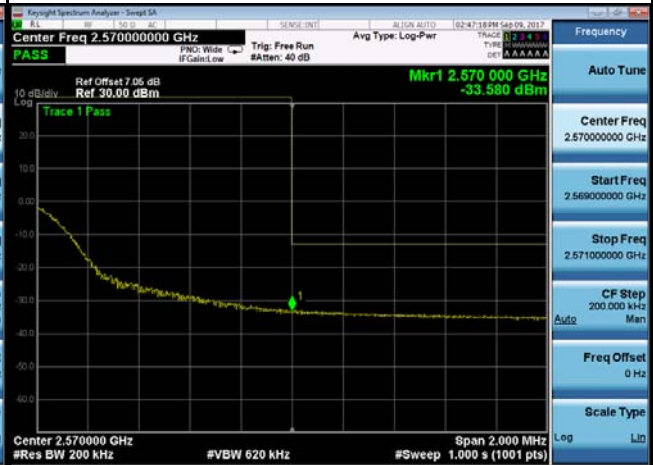
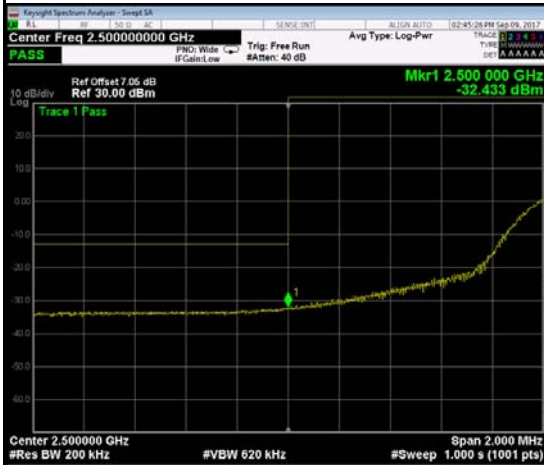
100RB0

Channel

20850

Channel

21350



LTE Band 12_5M

1RB0

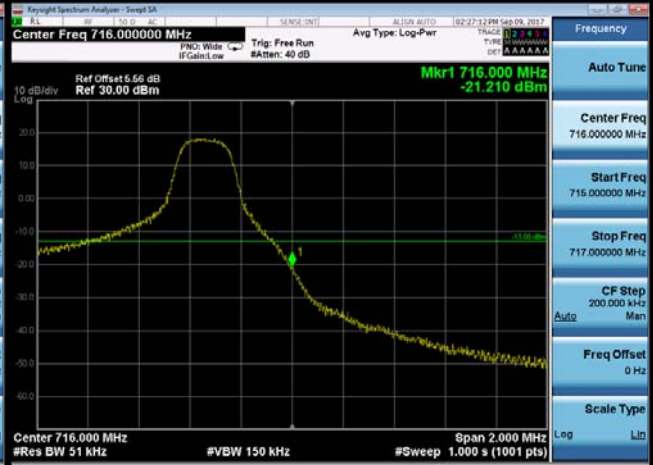
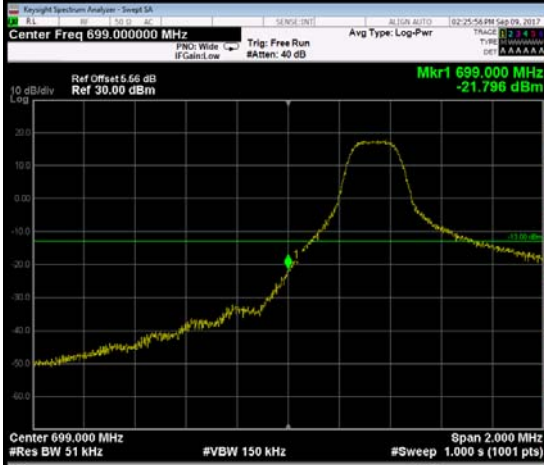
1RB24

Channel

23035

Channel

23155



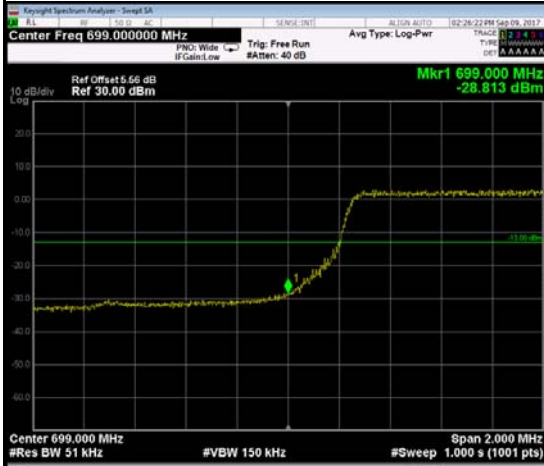
25RB0

Channel

23035

Channel

23155



LTE Band 12_10M

1RB0

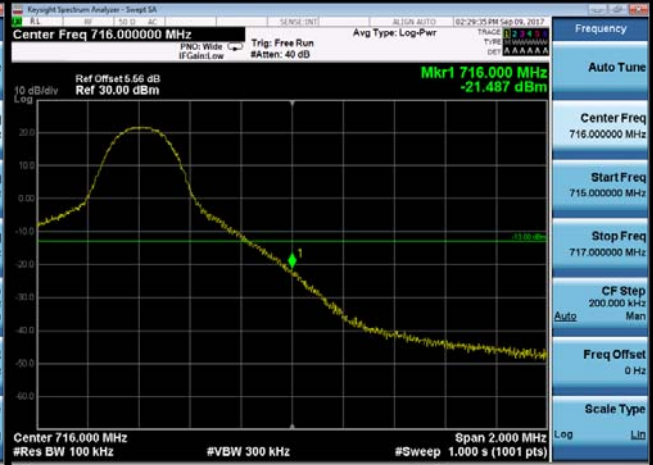
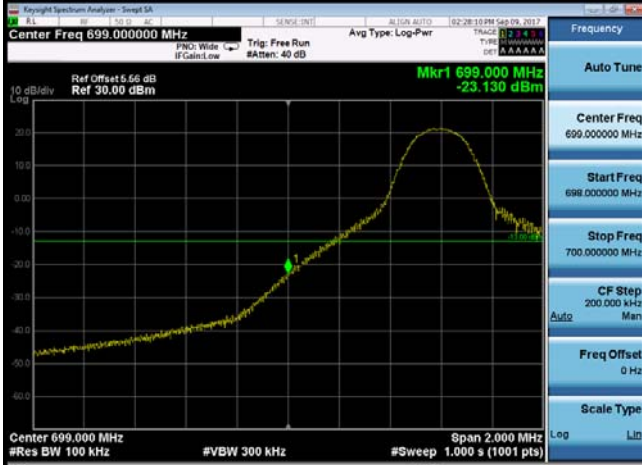
1RB49

Channel

23060

Channel

20350



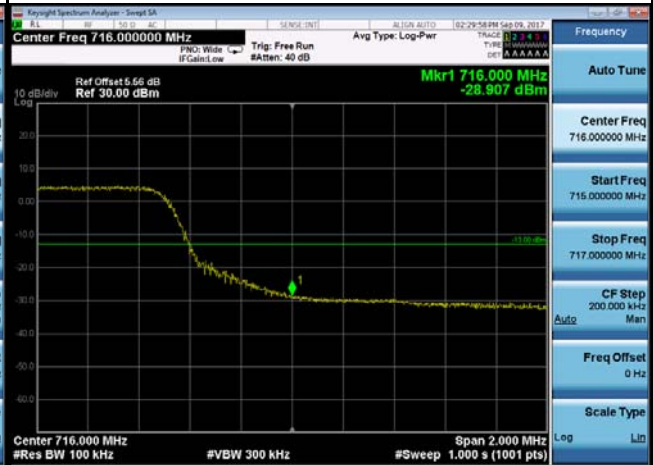
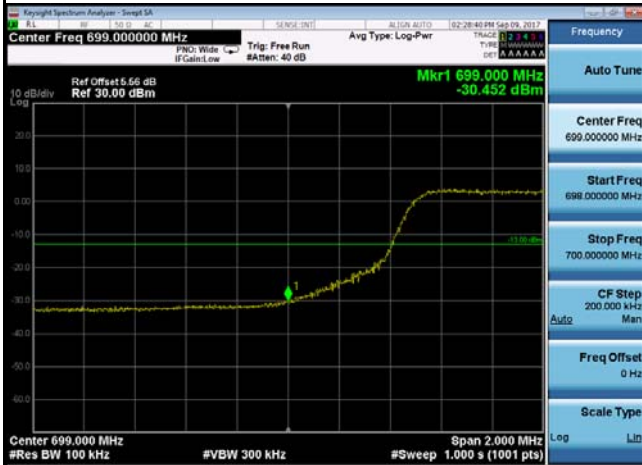
50RB0

Channel

23060

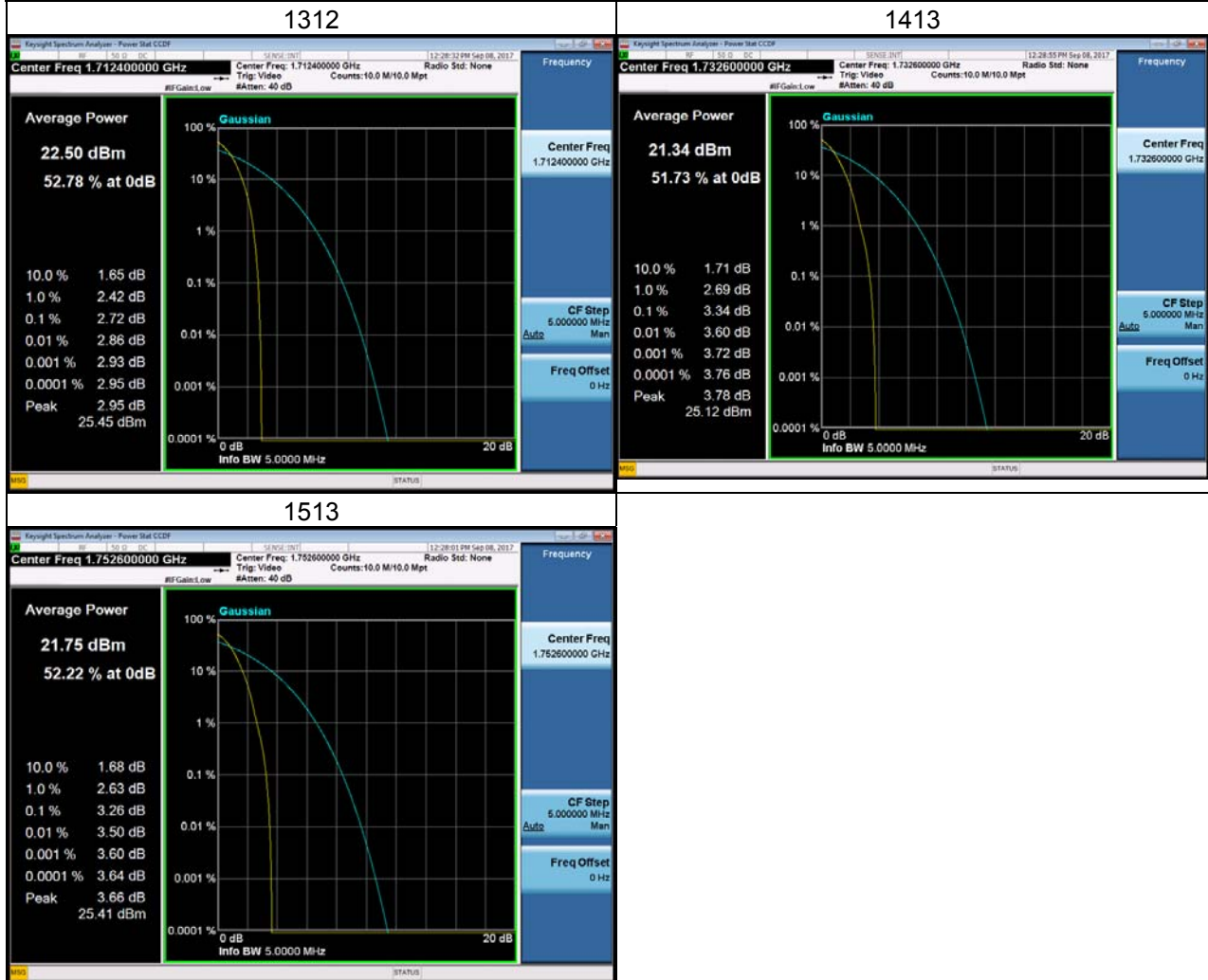
Channel

20350

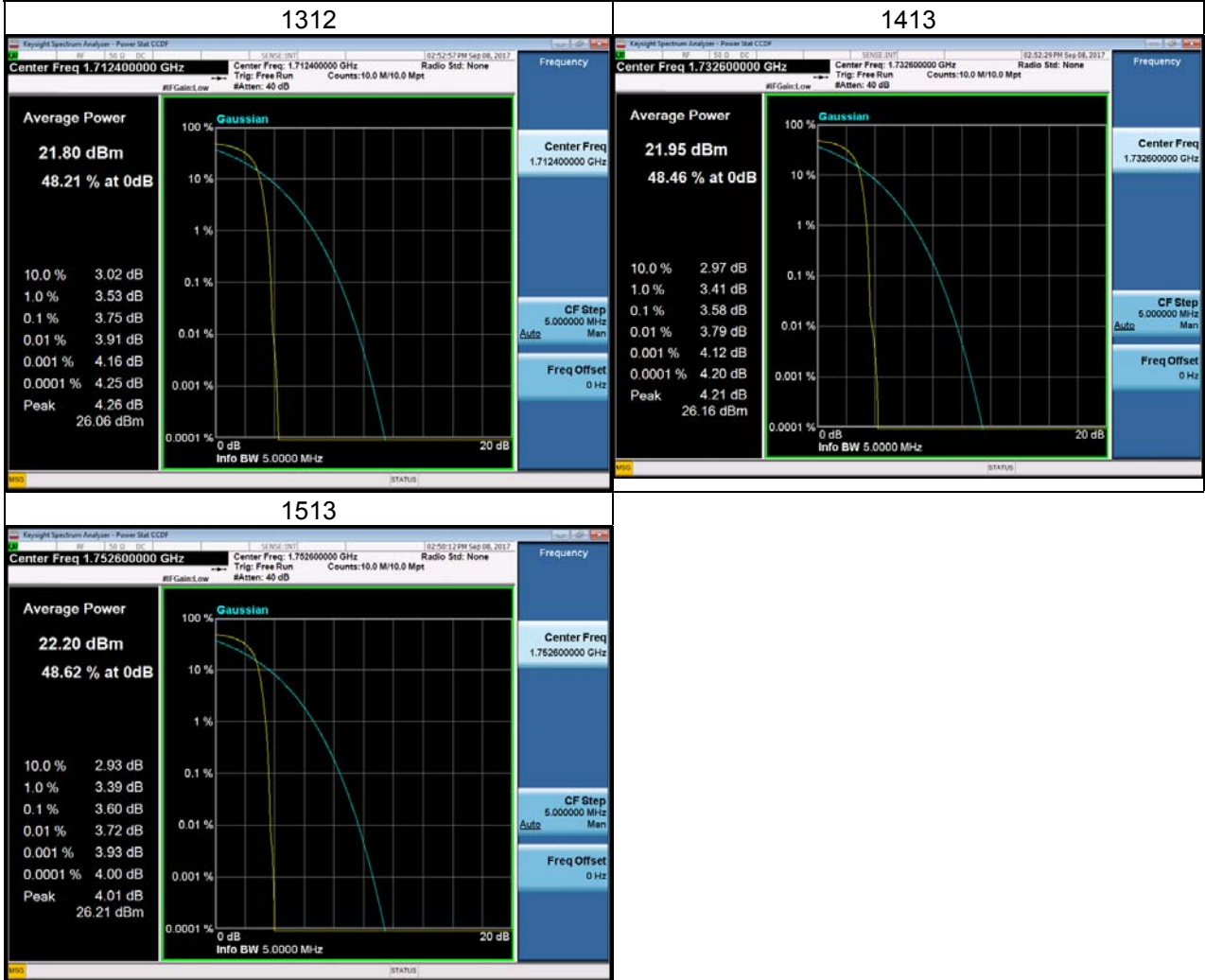


ATTACHMENT F - PEAK TO AVERAGE RATIO

WCDMA Band 4 Spectrum Plot_WCDMA

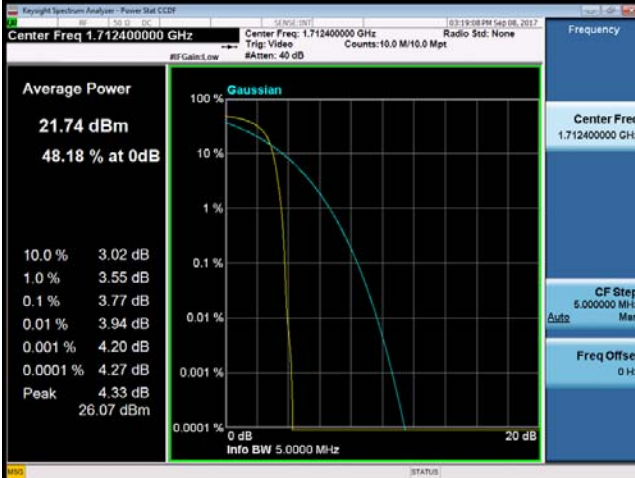


WCDMA Band 4 Spectrum Plot_HSDPA

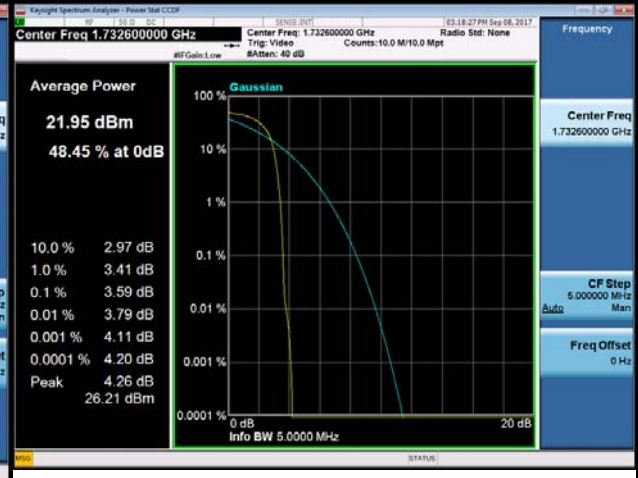


WCDMA Band 4 Spectrum Plot_HSUPA

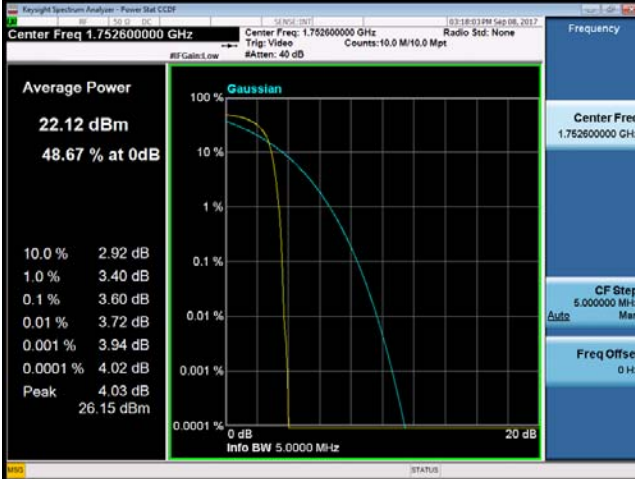
1312



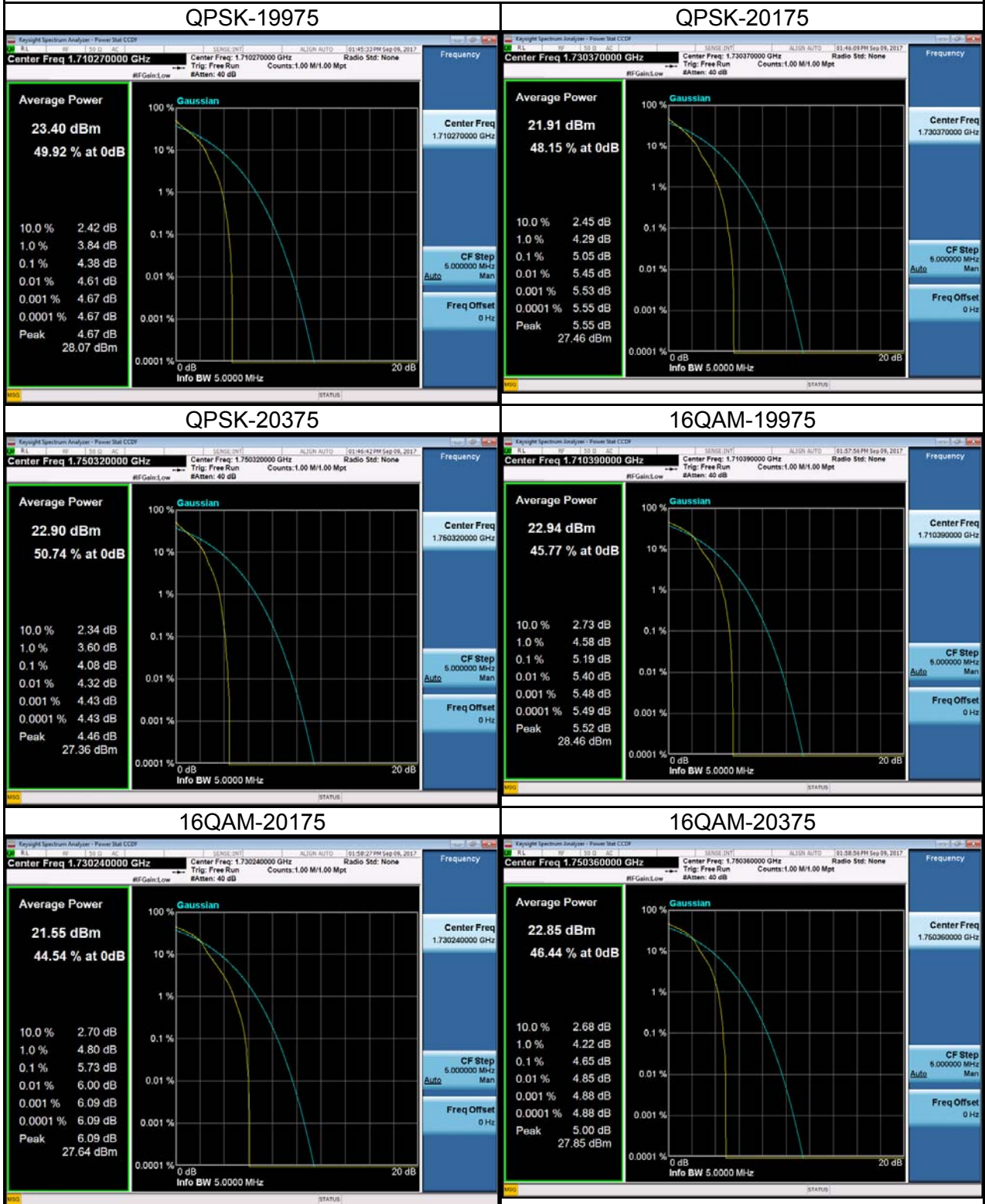
1413



1513



LTE Band 4 Spectrum Plot_5M



LTE Band 4 Spectrum Plot_10M



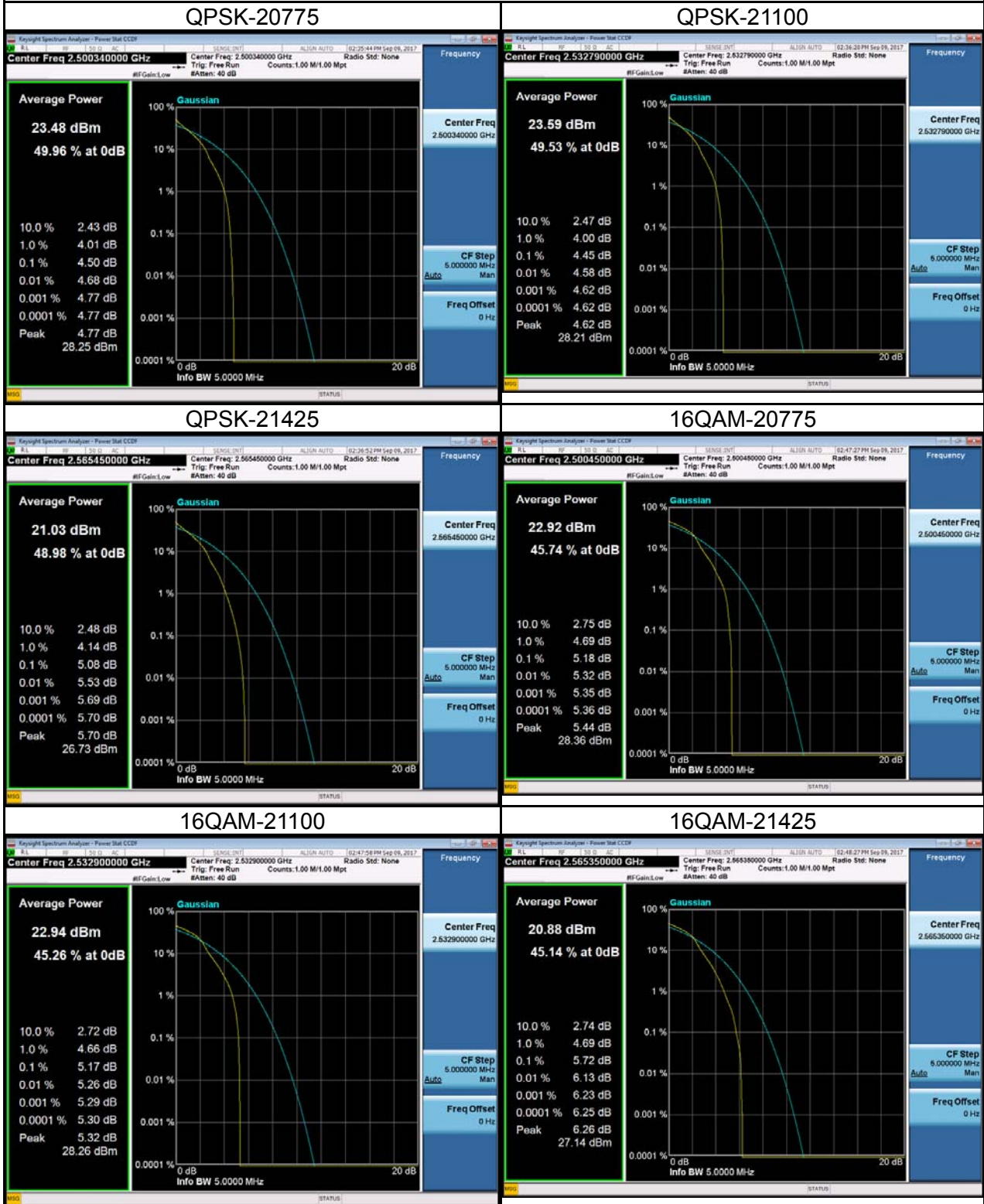
LTE Band 4 Spectrum Plot_15M



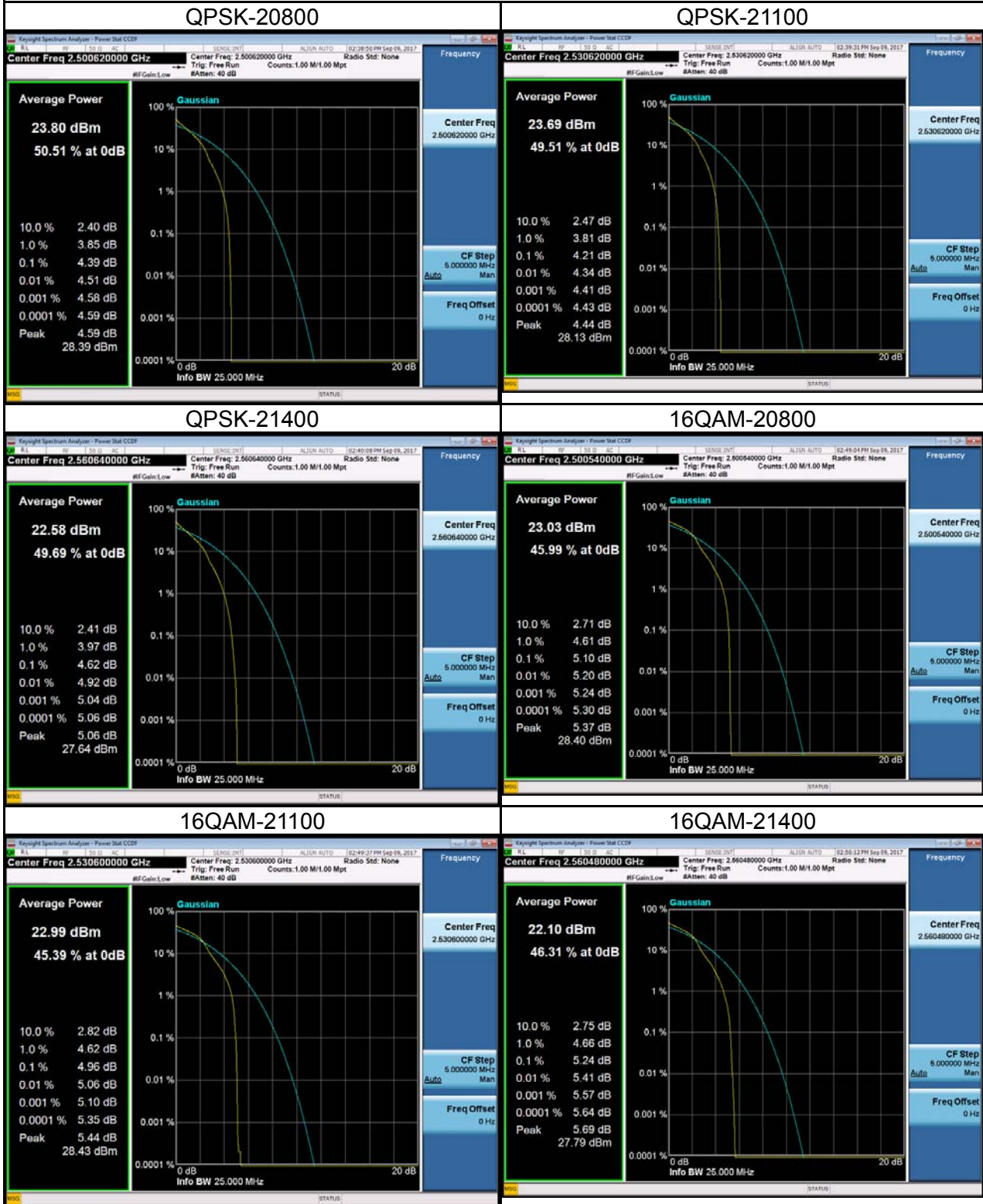
LTE Band 4 Spectrum Plot_20M



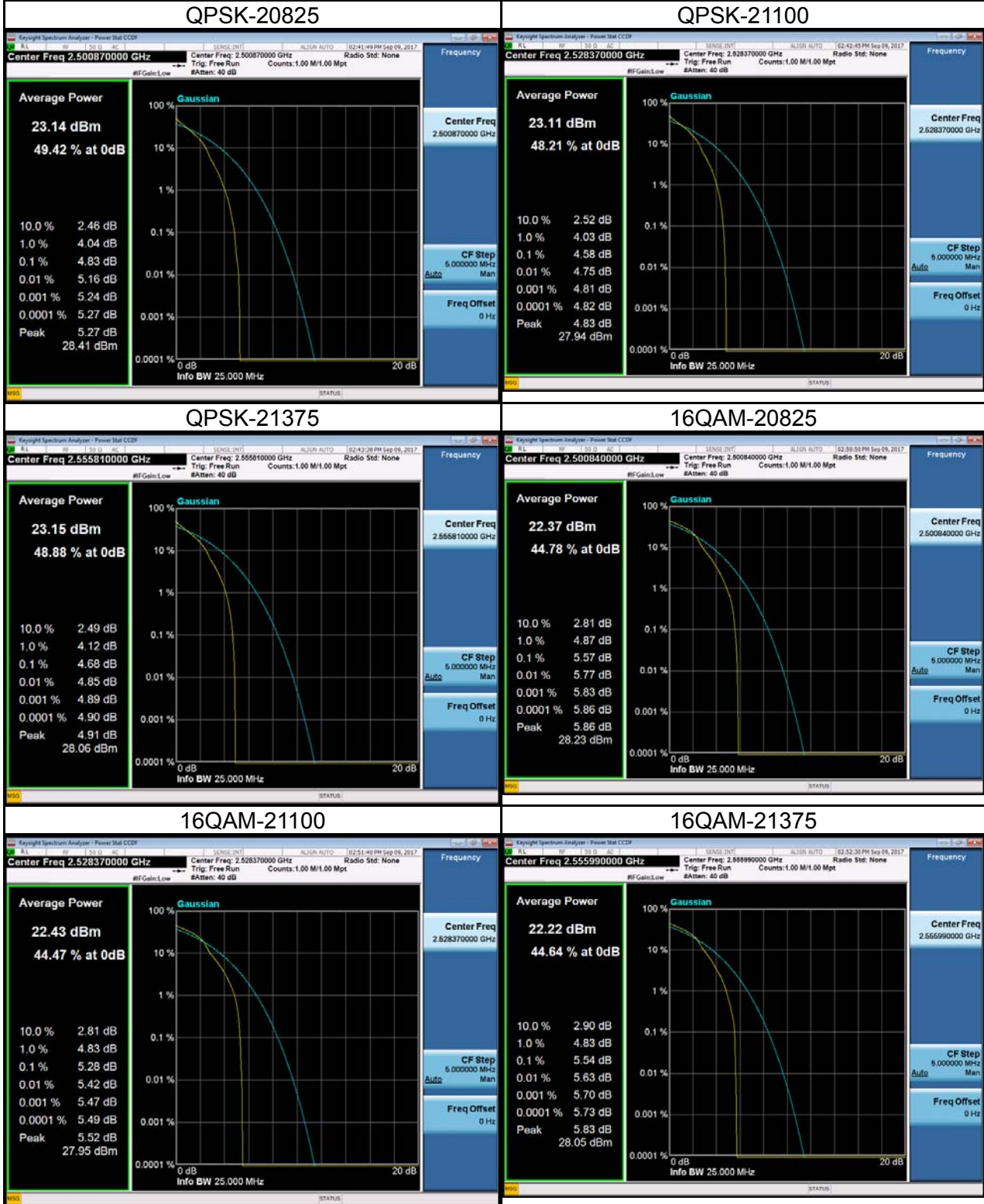
LTE Band 7 Spectrum Plot_5M



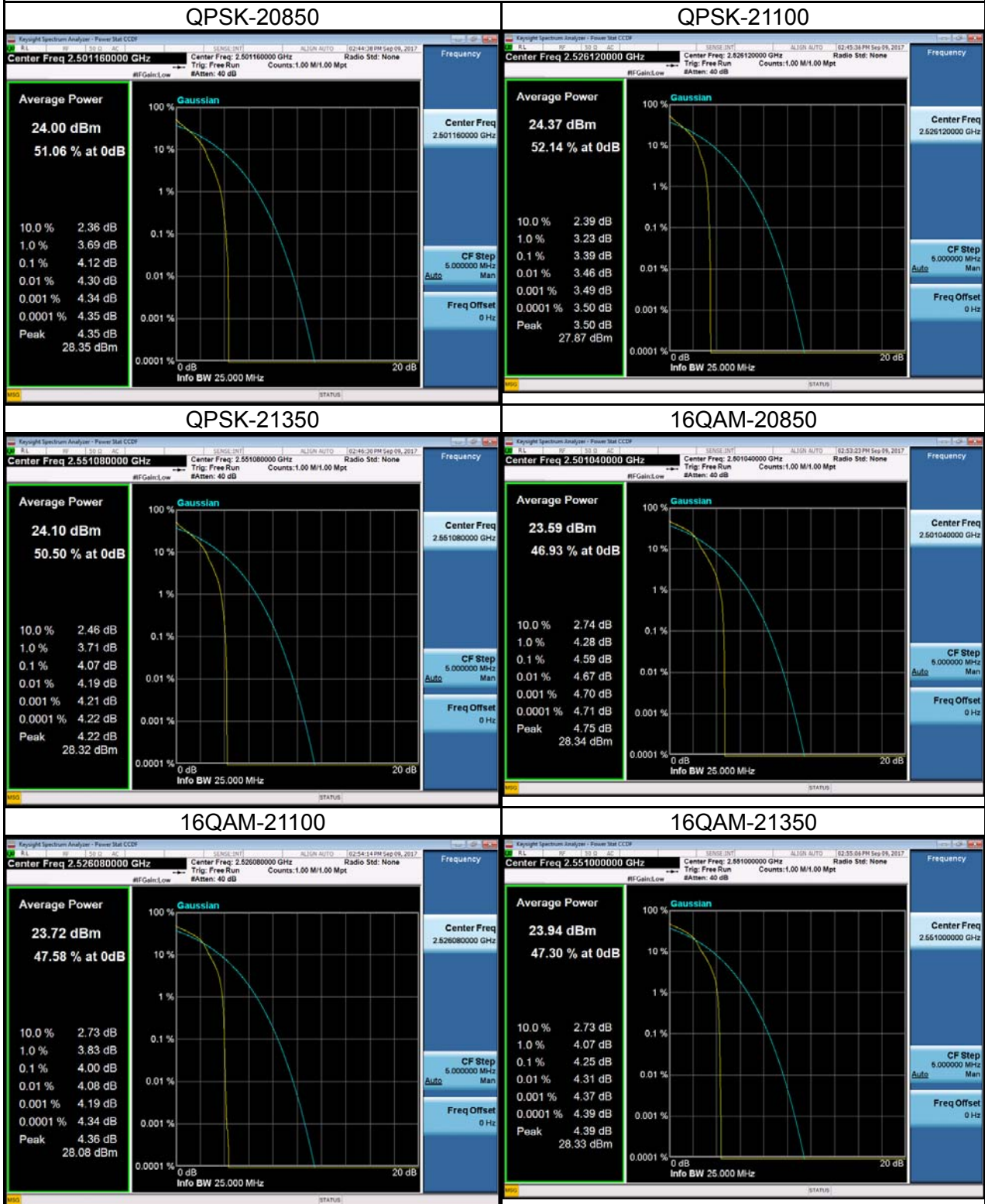
LTE Band 7 Spectrum Plot_10M



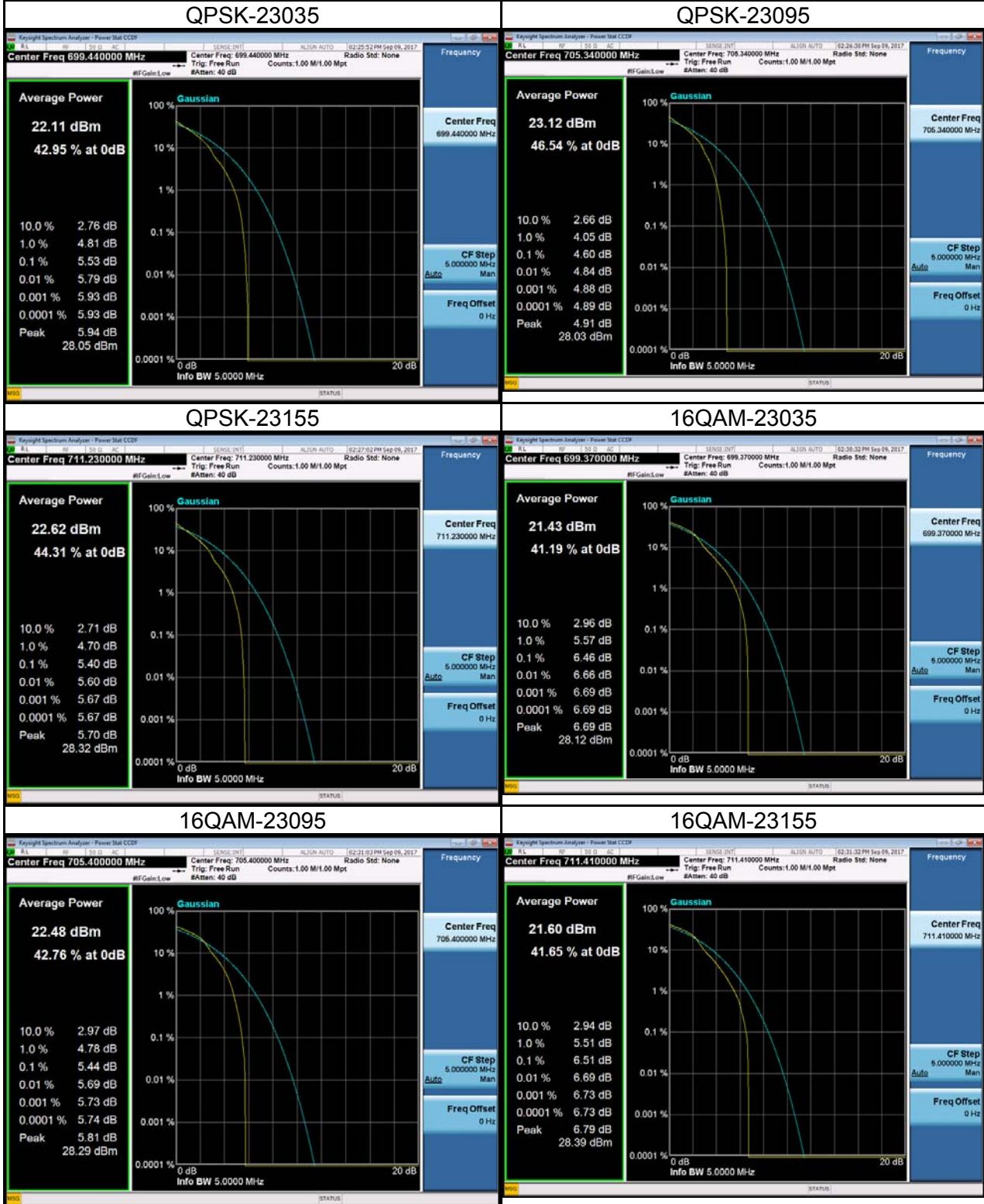
LTE Band 7 Spectrum Plot_15M



LTE Band 7 Spectrum Plot_20M



LTE Band 12 Spectrum Plot_5M



LTE Band 12 Spectrum Plot_10M



ATTACHMENT G - FREQUENCY STABILITY

Test Mode:	WCDMA Band 4_CH1413
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	6.88	0.003970911	2.5
-20	7.74	0.004467275	2.5
-10	7.39	0.004265266	2.5
0	6.91	0.003988226	2.5
10	5.99	0.003457232	2.5
20	7.05	0.004069029	2.5
30	6.22	0.00358998	2.5
40	5.84	0.003370657	2.5
50	6.51	0.003757359	2.5
Max. Deviation (ppm)	7.74	0.004467275	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.5	8.32	0.004802032	2.5
5	6.79	0.003918966	2.5
5.5	8.46	0.004882835	2.5
Max. Deviation (ppm)	8.46	0.004882835	2.5

Test Mode:	LTE Band 4_CH20175_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.56	0.001477633	2.5
-20	3.67	0.002118326	2.5
-10	-4.16	0.002401154	2.5
0	-1.96	0.001131313	2.5
10	3.69	0.00212987	2.5
20	-2.44	0.001408369	2.5
30	3.41	0.001968254	2.5
40	2.54	0.001466089	2.5
50	-3.07	0.001772006	2.5
Max. Deviation (ppm)	4.16	0.002401154	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.64	0.00210101	2.5
4.0	-2.76	0.001593074	2.5
4.2	-3.44	0.00198557	2.5
Max. Deviation (ppm)	3.64	0.00210101	2.5

Test Mode:	LTE Band 4_CH20175_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	4.32	0.002493506	2.5
-20	-2.79	0.00161039	2.5
-10	3.46	0.001997114	2.5
0	-2.16	0.001246753	2.5
10	3.64	0.00210101	2.5
20	-1.78	0.001027417	2.5
30	2.46	0.001419913	2.5
40	3.79	0.00218759	2.5
50	-3.76	0.002170274	2.5
Max. Deviation (ppm)	4.32	0.002493506	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	-3.47	0.002002886	2.5
4.0	1.79	0.001033189	2.5
4.2	-3.11	0.001795094	2.5
Max. Deviation (ppm)	3.47	0.002002886	2.5

Test Mode:	LTE Band 4_CH20175_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-5.06	0.002920635	2.5
-20	-3.46	0.001997114	2.5
-10	3.49	0.00201443	2.5
0	-3.47	0.002002886	2.5
10	2.64	0.00152381	2.5
20	-3.52	0.002031746	2.5
30	3.78	0.002181818	2.5
40	-1.67	0.000963925	2.5
50	2.75	0.001587302	2.5
Max. Deviation (ppm)	5.06	0.002920635	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.52	0.001454545	2.5
4.0	-2.79	0.00161039	2.5
4.2	3.90	0.002251082	2.5
Max. Deviation (ppm)	3.90	0.002251082	2.5

Test Mode:	LTE Band 4_CH20175_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	1.79	0.001033189	2.5
-20	-3.76	0.002170274	2.5
-10	-2.59	0.001494949	2.5
0	4.91	0.002834055	2.5
10	2.49	0.001437229	2.5
20	-3.73	0.002152958	2.5
30	-2.17	0.001252525	2.5
40	2.49	0.001437229	2.5
50	-4.74	0.002735931	2.5
Max. Deviation (ppm)	4.91	0.002834055	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.5	-4.16	0.002401154	2.5
5	-3.16	0.001823954	2.5
5.5	2.99	0.00172583	2.5
Max. Deviation (ppm)	4.16	0.002401154	2.5

Test Mode:	LTE Band 7_CH21100_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.42	0.000954635	2.5
-20	4.33	0.001708087	2.5
-10	-4.18	0.001648915	2.5
0	2.69	0.001061144	2.5
10	-3.75	0.00147929	2.5
20	-1.99	0.00078501	2.5
30	4.08	0.001609467	2.5
40	3.94	0.001554241	2.5
50	-3.74	0.001475345	2.5
Max. Deviation (ppm)	4.33	0.001708087	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.5	1.58	0.000623274	2.5
5	2.64	0.00104142	2.5
5.5	3.08	0.00121499	2.5
Max. Deviation (ppm)	3.08	0.00121499	2.5

Test Mode:	LTE Band 7_CH21100_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.88	0.001136095	2.5
-20	3.64	0.001435897	2.5
-10	-2.87	0.00113215	2.5
0	4.29	0.001692308	2.5
10	2.69	0.001061144	2.5
20	-1.47	0.000579882	2.5
30	1.74	0.000686391	2.5
40	-2.91	0.001147929	2.5
50	3.06	0.001207101	2.5
Max. Deviation (ppm)	4.29	0.001692308	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.5	2.47	0.000974359	2.5
5	2.91	0.001147929	2.5
5.5	-3.24	0.001278107	2.5
Max. Deviation (ppm)	3.24	0.001278107	2.5

Test Mode:	LTE Band 7_CH21100_15M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	2.49	0.000982249	2.5
-20	-2.68	0.001057199	2.5
-10	3.48	0.001372781	2.5
0	1.67	0.000658777	2.5
10	3.61	0.001424063	2.5
20	-2.44	0.000962525	2.5
30	-2.97	0.001171598	2.5
40	3.03	0.001195266	2.5
50	-3.12	0.001230769	2.5
Max. Deviation (ppm)	3.61	0.001424063	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.5	-2.64	0.00104142	2.5
5	-3.77	0.001487179	2.5
5.5	1.94	0.000765286	2.5
Max. Deviation (ppm)	3.77	0.001487179	2.5

Test Mode:	LTE Band 7_CH21100_20M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.12	0.000836292	2.5
-20	-3.21	0.001266272	2.5
-10	1.98	0.000781065	2.5
0	3.77	0.001487179	2.5
10	-4.06	0.001601578	2.5
20	2.39	0.000942801	2.5
30	-3.81	0.001502959	2.5
40	-4.17	0.00164497	2.5
50	3.46	0.001364892	2.5
Max. Deviation (ppm)	4.17	0.00164497	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.5	3.24	0.001278107	2.5
5	-3.46	0.001364892	2.5
5.5	2.91	0.001147929	2.5
Max. Deviation (ppm)	3.46	0.001364892	2.5

Test Mode:	LTE Band 12_CH23095_5M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	1.73	0.00244523	2.5
-20	-2.39	0.003378092	2.5
-10	3.15	0.004452297	2.5
0	2.93	0.004141343	2.5
10	-2.63	0.003717314	2.5
20	3.37	0.004763251	2.5
30	2.85	0.004028269	2.5
40	2.55	0.00360424	2.5
50	3.55	0.005017668	2.5
Max. Deviation (ppm)	3.55	0.005017668	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.5	-1.88	0.002657244	2.5
5	2.07	0.002925795	2.5
5.5	-3.11	0.00439576	2.5
Max. Deviation (ppm)	3.11	0.00439576	2.5

Test Mode:	LTE Band 12_CH23095_10M
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	1.82	0.002572438	2.5
-20	2.54	0.003590106	2.5
-10	-3.37	0.004763251	2.5
0	-2.91	0.004113074	2.5
10	-3.49	0.004932862	2.5
20	3.52	0.004975265	2.5
30	2.64	0.003731449	2.5
40	1.73	0.00244523	2.5
50	2.37	0.003349823	2.5
Max. Deviation (ppm)	3.52	0.004975265	2.5

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.5	2.11	0.002982332	2.5
5	-2.82	0.003985866	2.5
5.5	1.68	0.002374558	2.5
Max. Deviation (ppm)	2.82	0.003985866	2.5