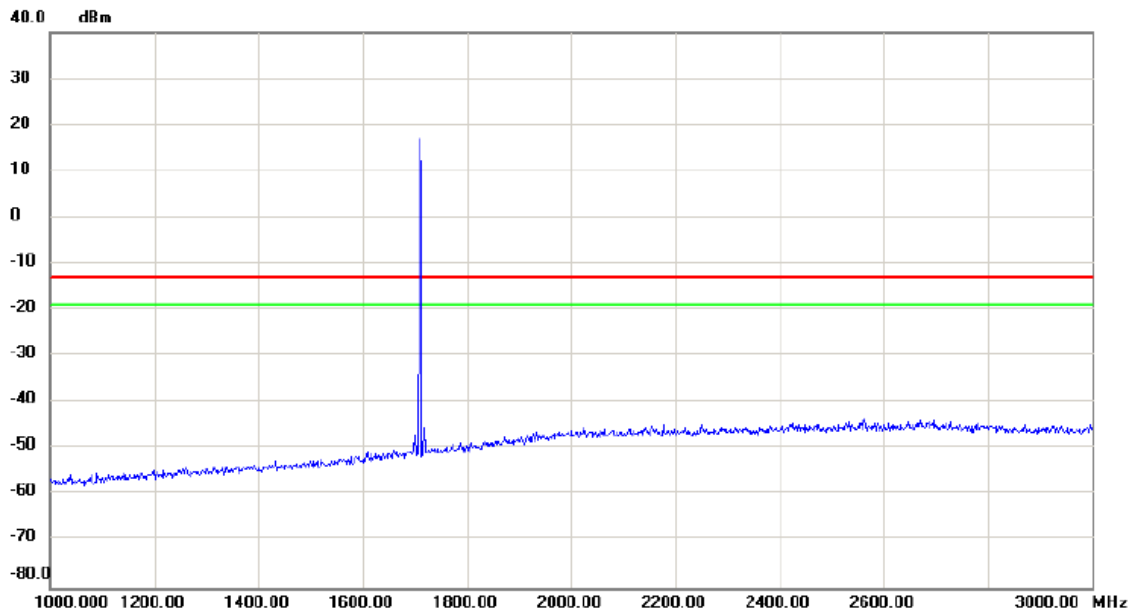


Test Mode: LTE Band 4\_TX CH20175\_1.4M

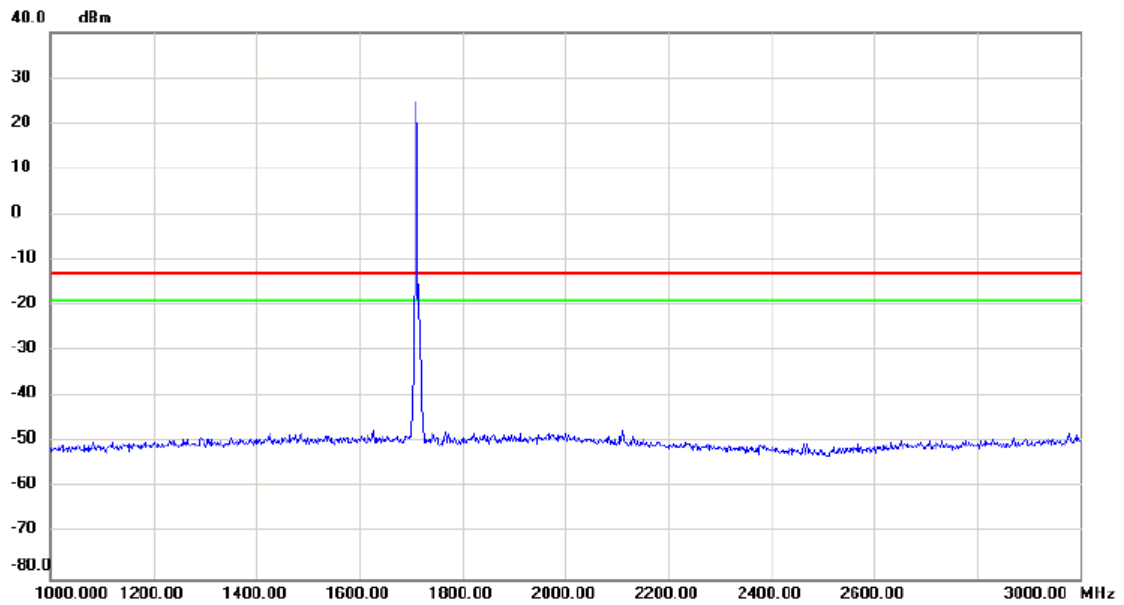
**Vertical**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		1750.000	15.0	0.0	15.0	-13.0	28.0		

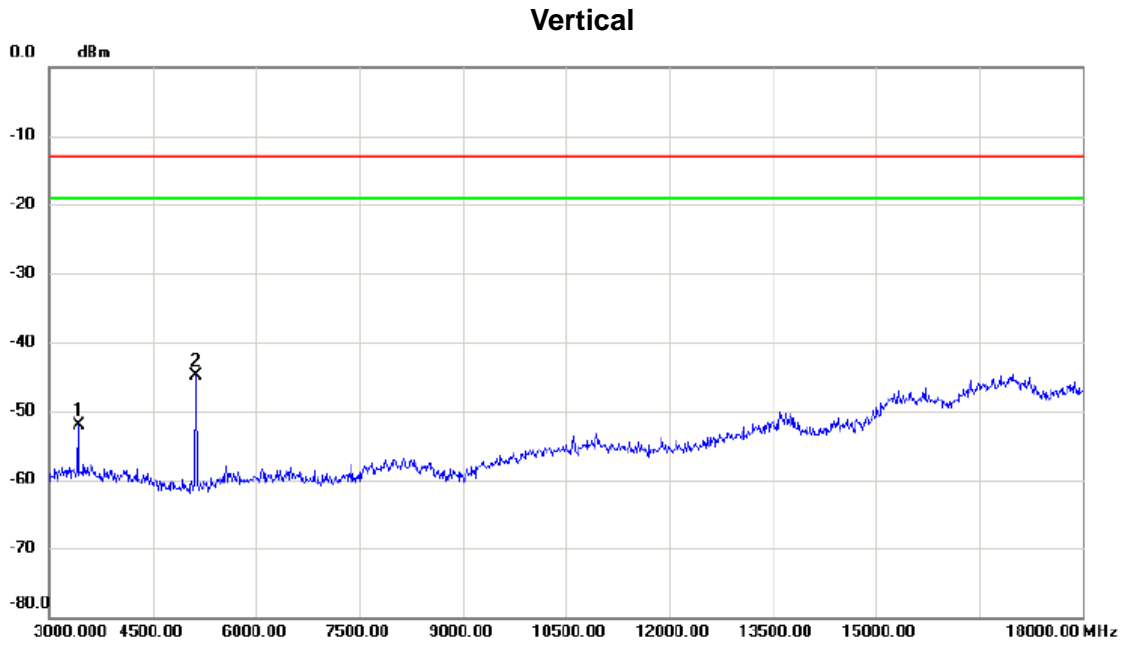
Test Mode: LTE Band 4\_TX CH20175\_1.4M

**Horizontal**



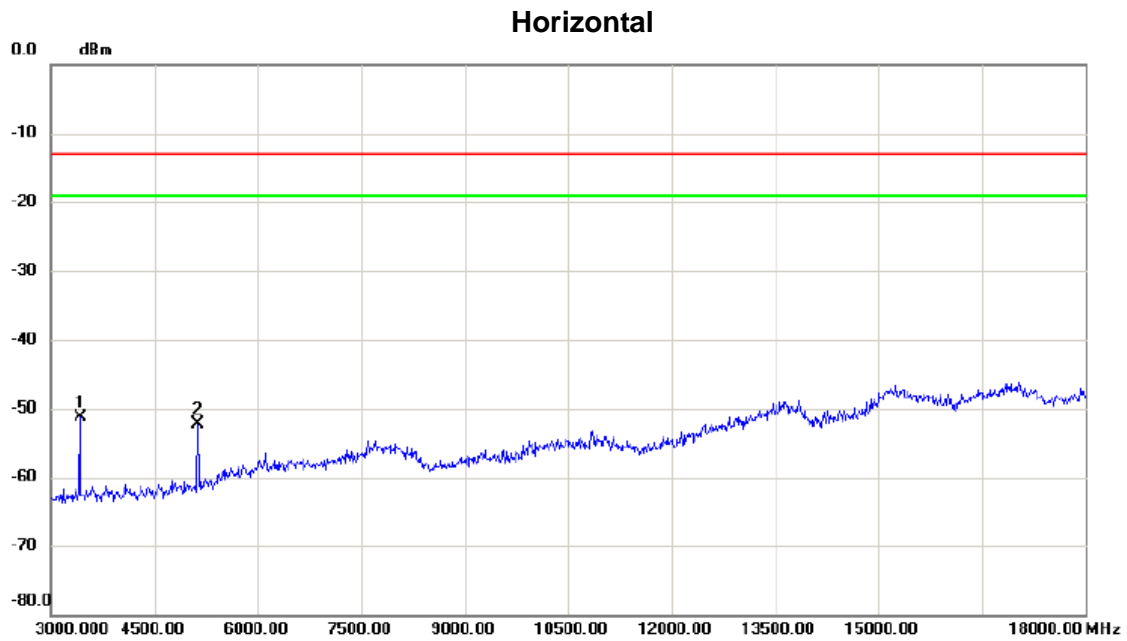
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		1750.00	25.00	0.00	25.00	-10.00	35.00		

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



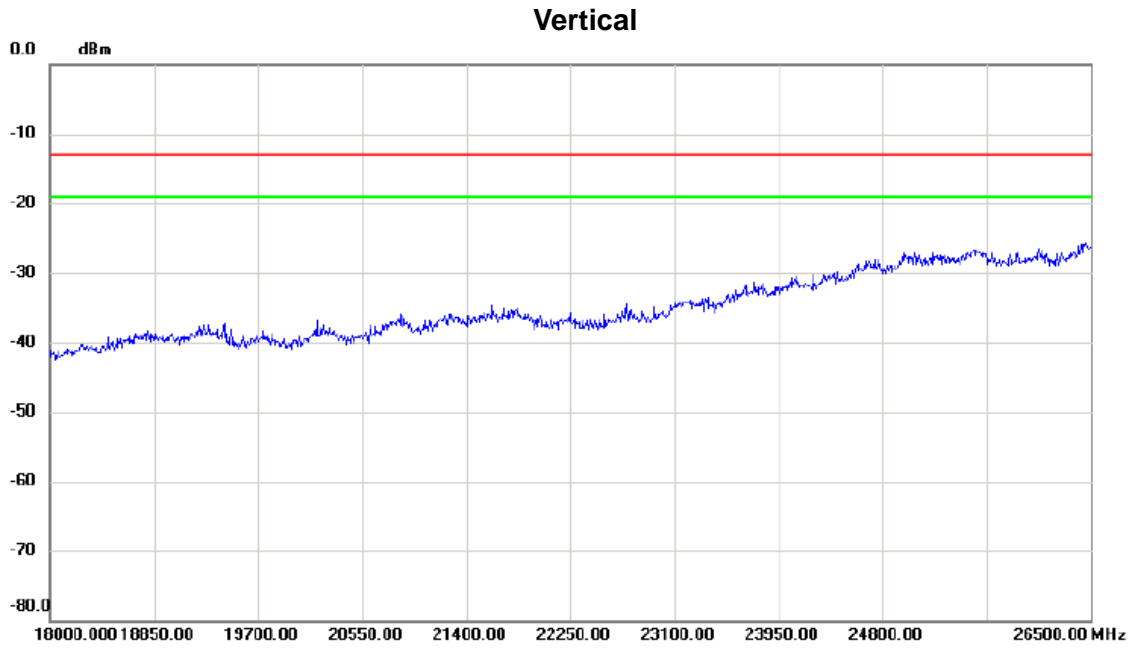
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3420.000	-66.16	13.97	-52.19	-13.00	-39.19	peak	
2	*	5130.000	-59.84	14.97	-44.87	-13.00	-31.87	peak	

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



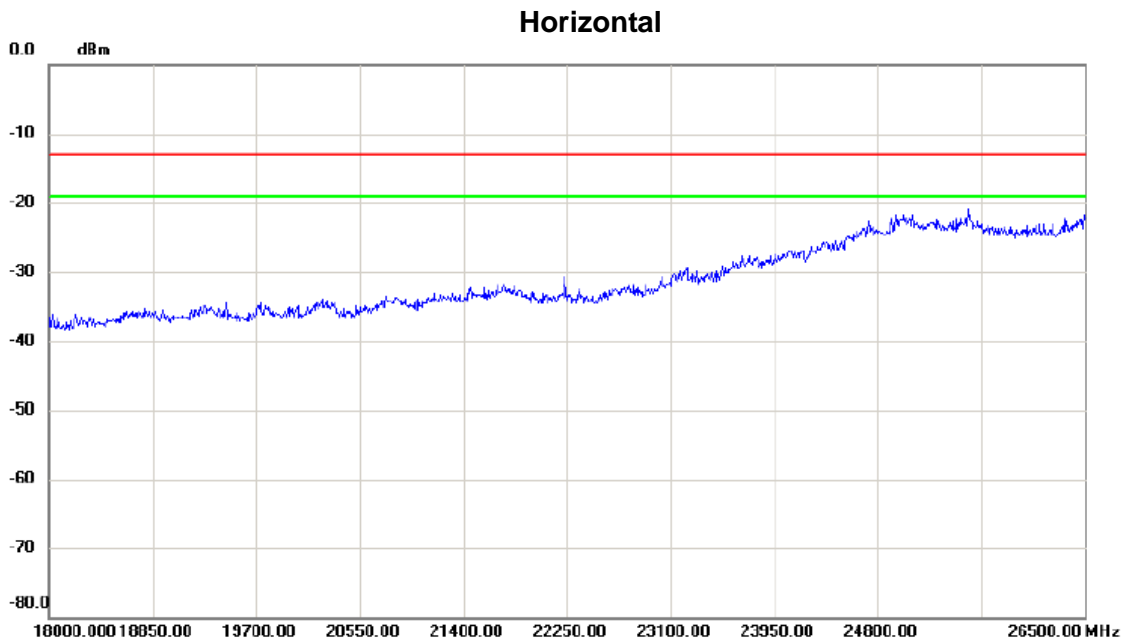
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3420.000	-61.56	10.32	-51.24	-13.00	-38.24	peak	
2		5130.000	-67.53	15.16	-52.37	-13.00	-39.37	peak	

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



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

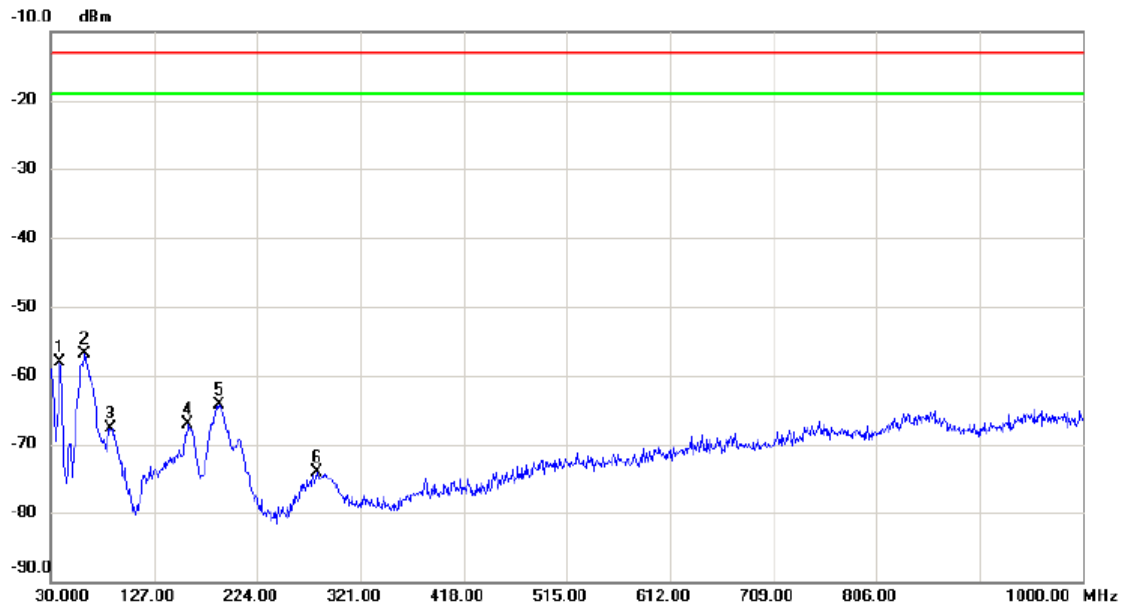
Test Mode: LTE Band 4\_TX CH20175\_1.4M



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

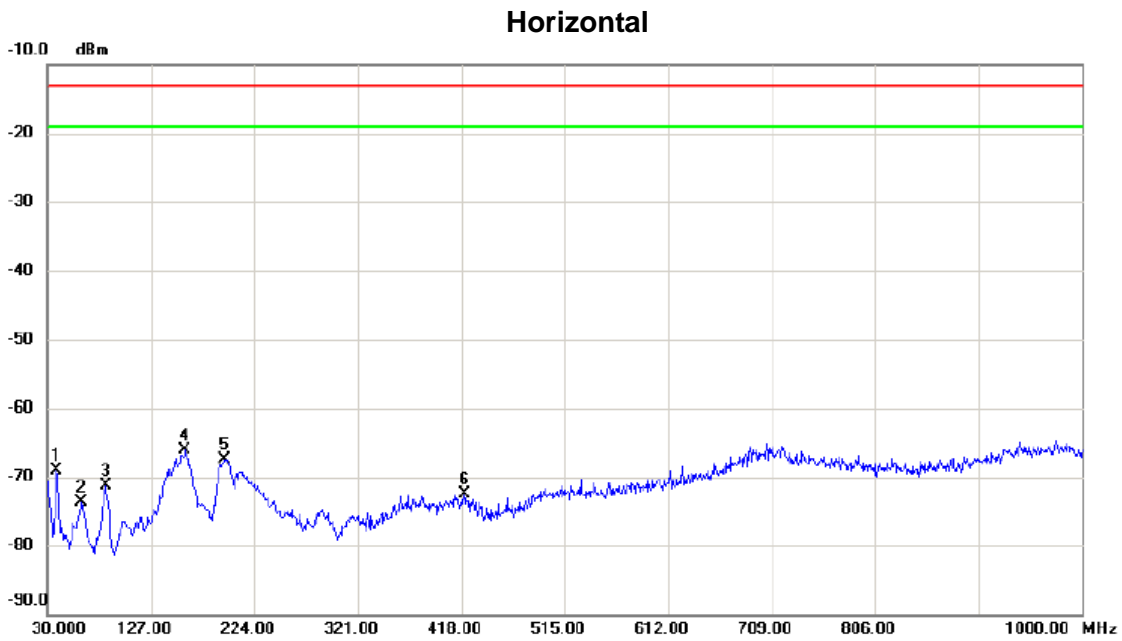
Test Mode: LTE Band 4\_TX CH20175\_20M

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-59.33	1.21	-58.12	-13.00	-45.12	peak	
2	*	62.010	-57.58	0.73	-56.85	-13.00	-43.85	peak	
3		86.260	-61.79	-5.91	-67.70	-13.00	-54.70	peak	
4		159.010	-70.18	3.18	-67.00	-13.00	-54.00	peak	
5		188.110	-63.08	-1.31	-64.39	-13.00	-51.39	peak	
6		280.260	-76.66	2.64	-74.02	-13.00	-61.02	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M

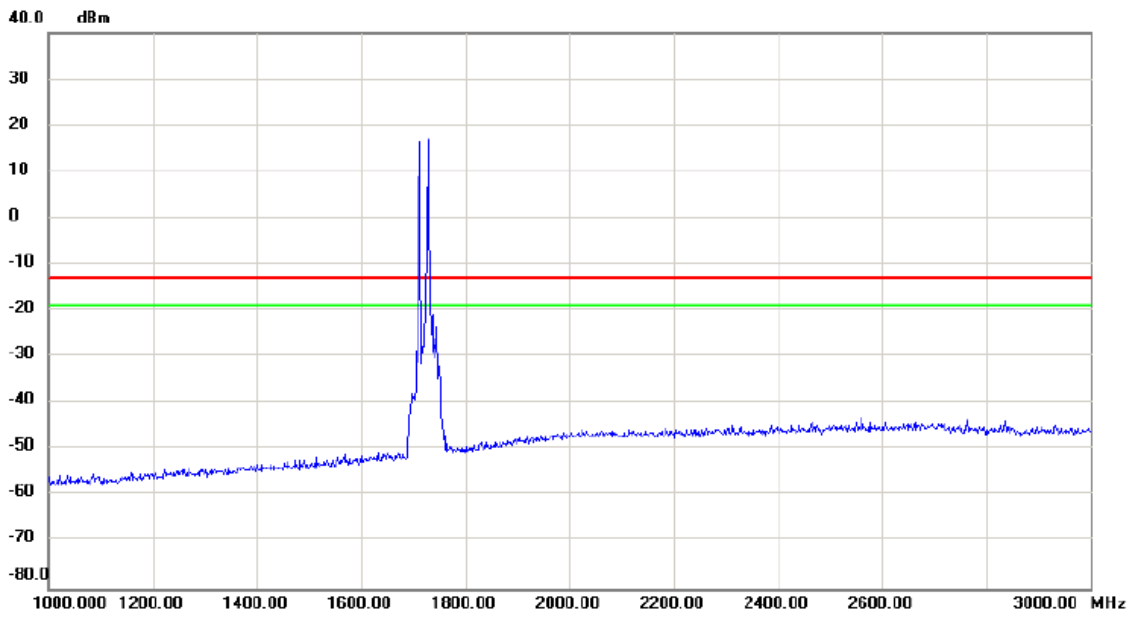


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-70.76	1.63	-69.13	-13.00	-56.13	peak	
2		62.010	-72.75	-0.97	-73.72	-13.00	-60.72	peak	
3		84.320	-63.38	-7.87	-71.25	-13.00	-58.25	peak	
4	*	159.010	-68.98	2.90	-66.08	-13.00	-53.08	peak	
5		195.870	-65.64	-1.77	-67.41	-13.00	-54.41	peak	
6		420.910	-79.32	6.78	-72.54	-13.00	-59.54	peak	



Test Mode: LTE Band 4\_TX CH20175\_20M

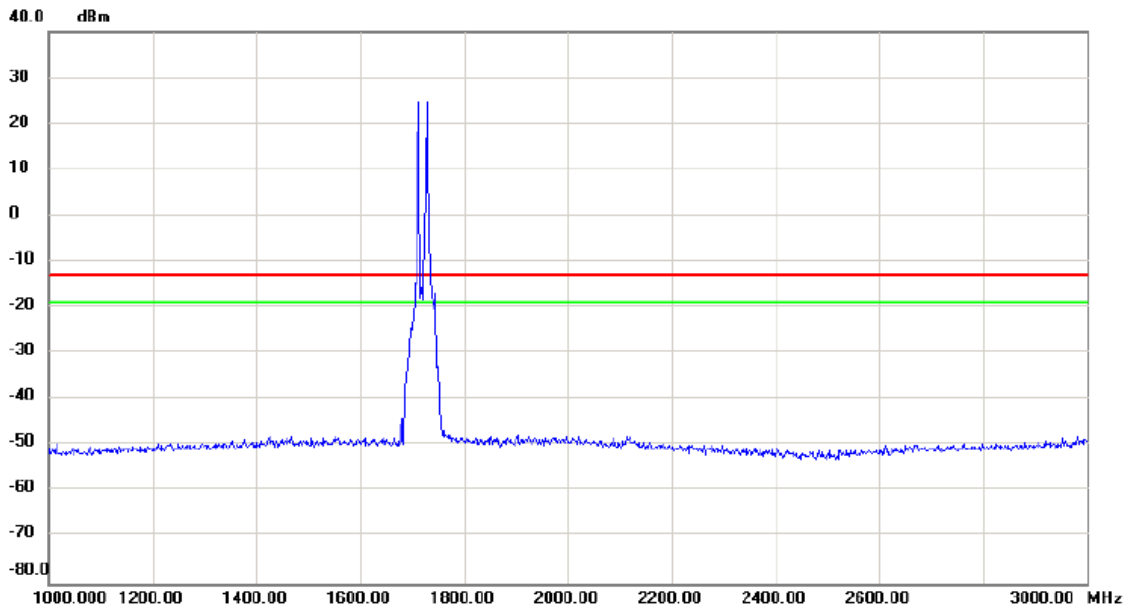
**Vertical**



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

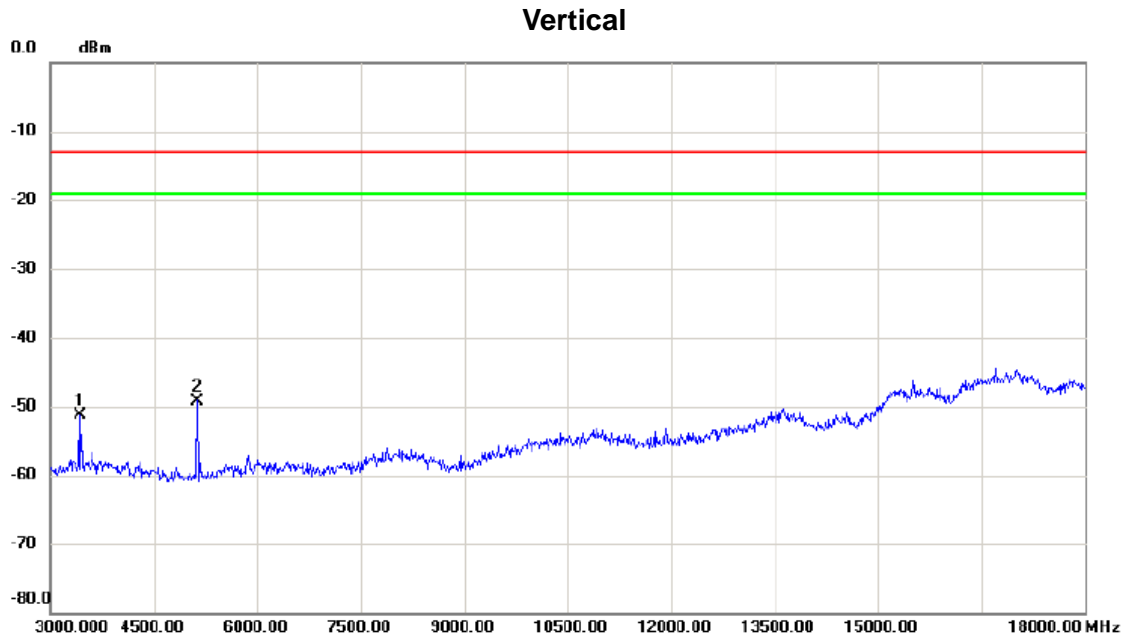
Test Mode: LTE Band 4\_TX CH20175\_20M

**Horizontal**



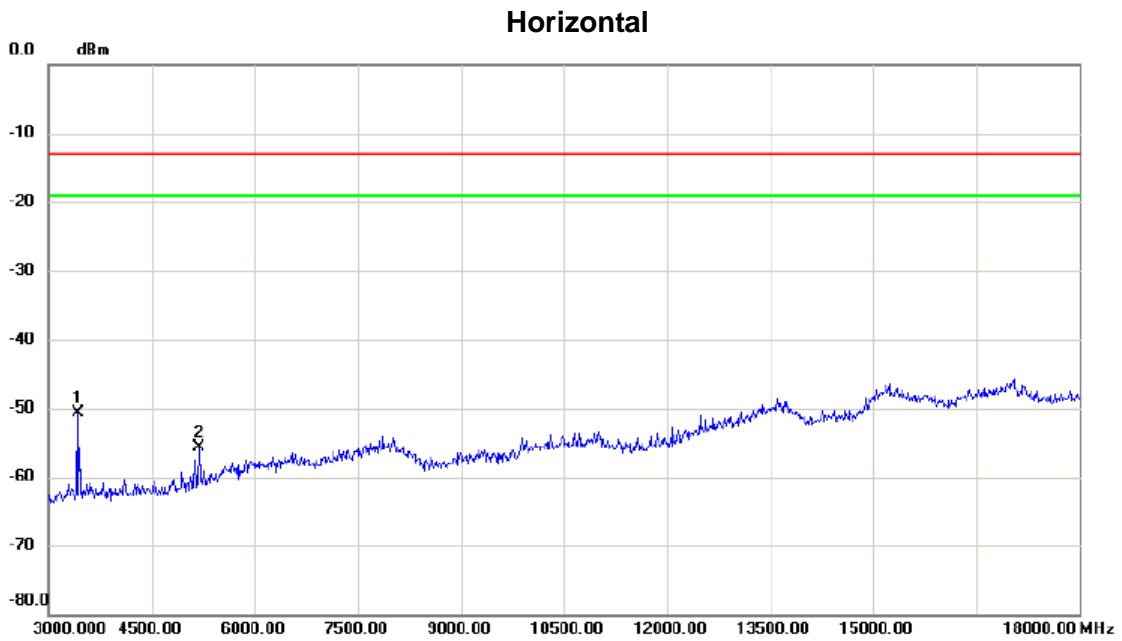
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		175.00	25.00	0.00	25.00	-15.00	40.00		

Test Mode: LTE Band 4\_TX CH20175\_20M



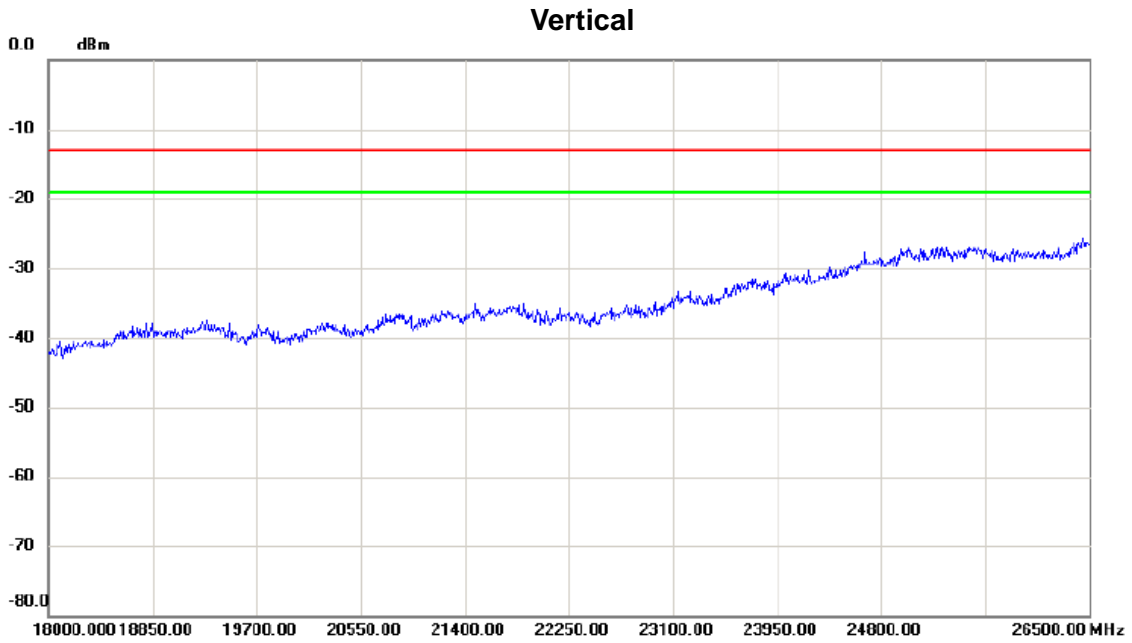
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3420.000	-65.32	13.97	-51.35	-13.00	-38.35	peak	
2	*	5130.000	-64.17	14.97	-49.20	-13.00	-36.20	peak	

Test Mode: LTE Band 4\_TX CH20175\_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3420.000	-61.07	10.32	-50.75	-13.00	-37.75	peak	
2		5190.000	-71.15	15.39	-55.76	-13.00	-42.76	peak	

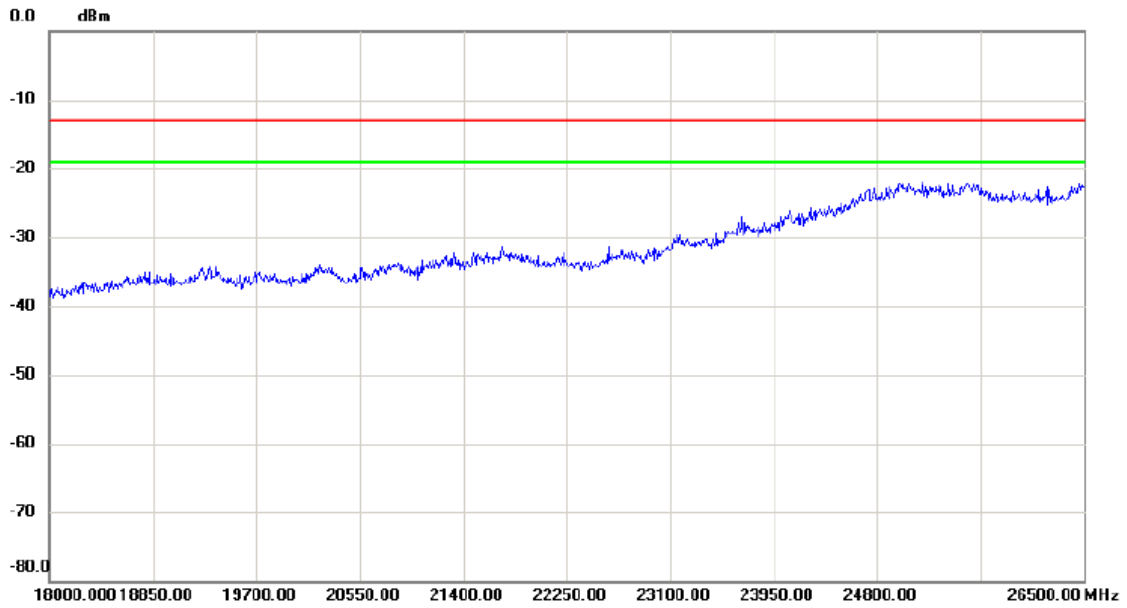
Test Mode: LTE Band 4\_TX CH20175\_20M



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

Test Mode: LTE Band 4\_TX CH20175\_20M

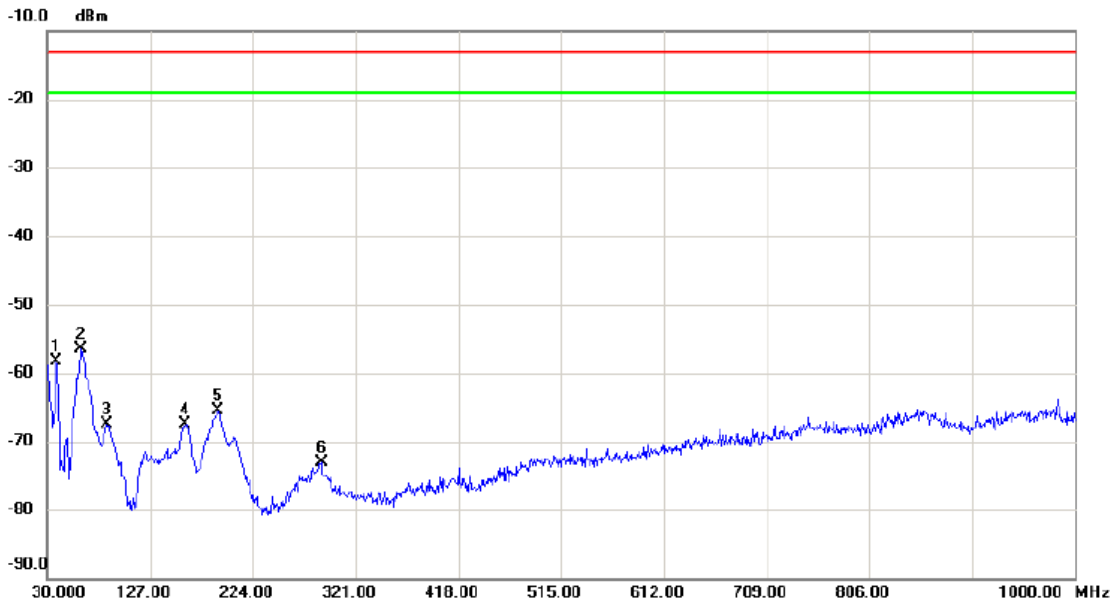
**Horizontal**



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

Test Mode: LTE Band 7\_TX CH21100\_5M

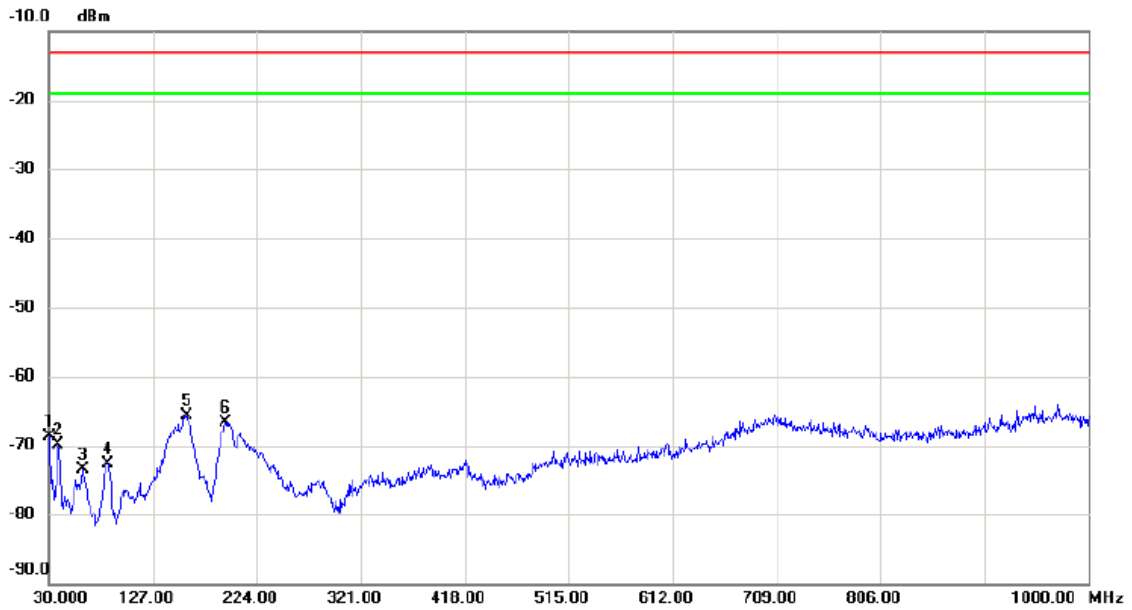
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-59.47	1.21	-58.26	-13.00	-45.26	peak	
2	*	62.010	-57.22	0.73	-56.49	-13.00	-43.49	peak	
3		86.260	-61.55	-5.91	-67.46	-13.00	-54.46	peak	
4		159.980	-70.59	3.18	-67.41	-13.00	-54.41	peak	
5		191.020	-63.58	-1.85	-65.43	-13.00	-52.43	peak	
6		288.990	-75.26	2.26	-73.00	-13.00	-60.00	peak	

Test Mode: LTE Band 7\_TX CH21100\_5M

**Horizontal**

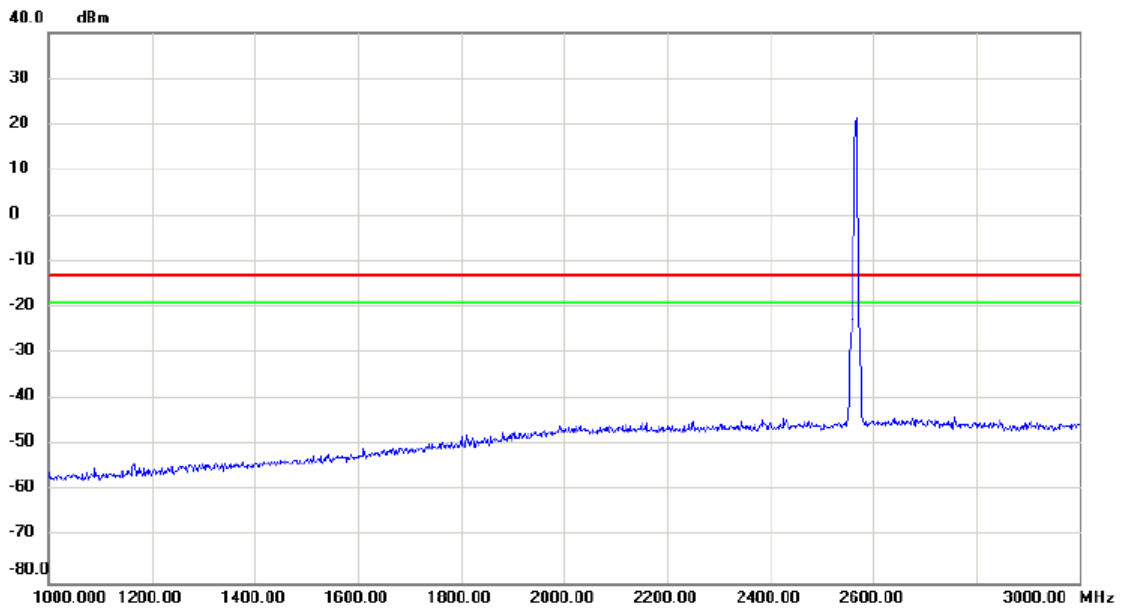


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		30.000	-70.53	1.88	-68.65	-13.00	-55.65	peak	
2		38.730	-71.51	1.63	-69.88	-13.00	-56.88	peak	
3		61.040	-72.69	-0.87	-73.56	-13.00	-60.56	peak	
4		84.320	-64.77	-7.87	-72.64	-13.00	-59.64	peak	
5	*	158.040	-68.68	3.04	-65.64	-13.00	-52.64	peak	
6		194.900	-64.94	-1.74	-66.68	-13.00	-53.68	peak	



Test Mode: LTE Band 7\_TX CH21100\_5M

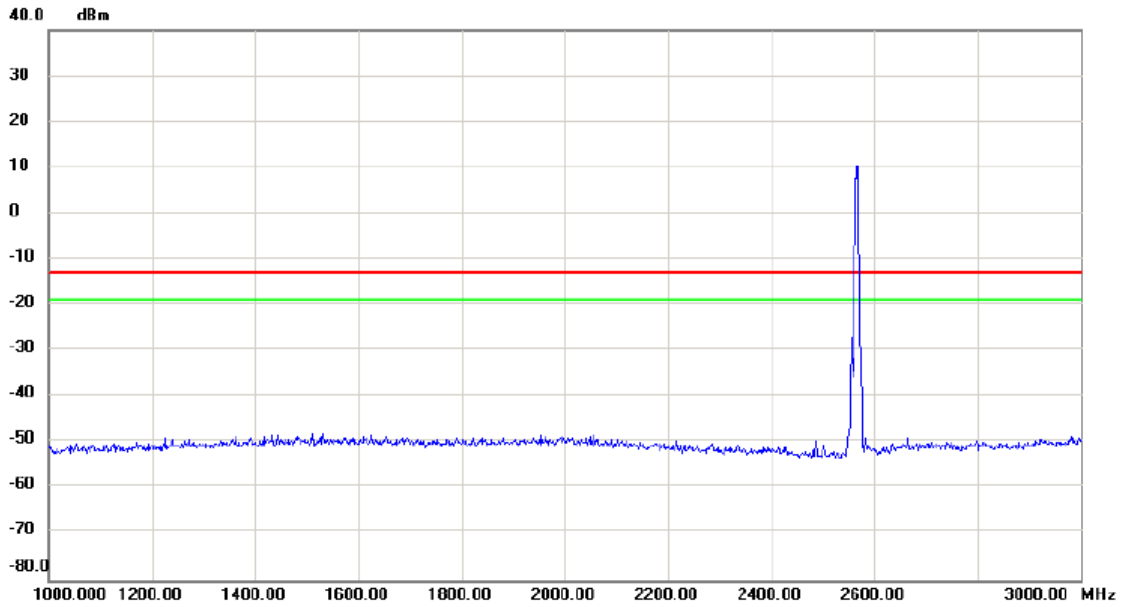
**Vertical**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		2550.00	20.00	0.00	20.00	-15.00	35.00		

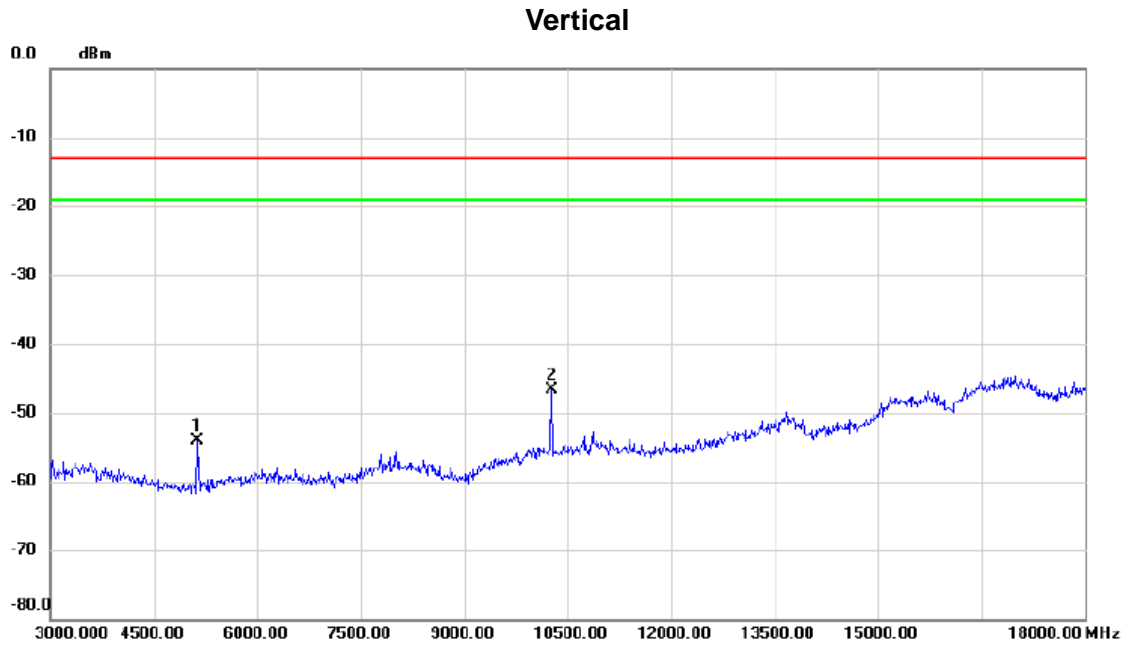
Test Mode: LTE Band 7\_TX CH21100\_5M

**Horizontal**



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

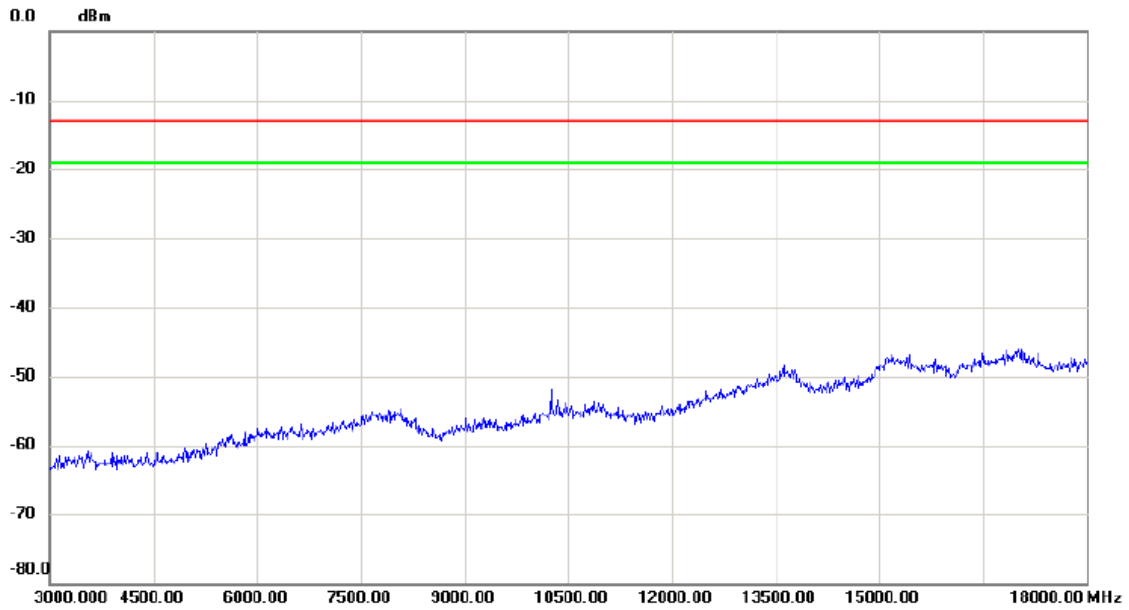
Test Mode: LTE Band 7\_TX CH21100\_5M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5130.000	-69.09	14.97	-54.12	-13.00	-41.12	peak	
2	*	10260.000	-68.57	21.83	-46.74	-13.00	-33.74	peak	

Test Mode: LTE Band 7\_TX CH21100\_5M

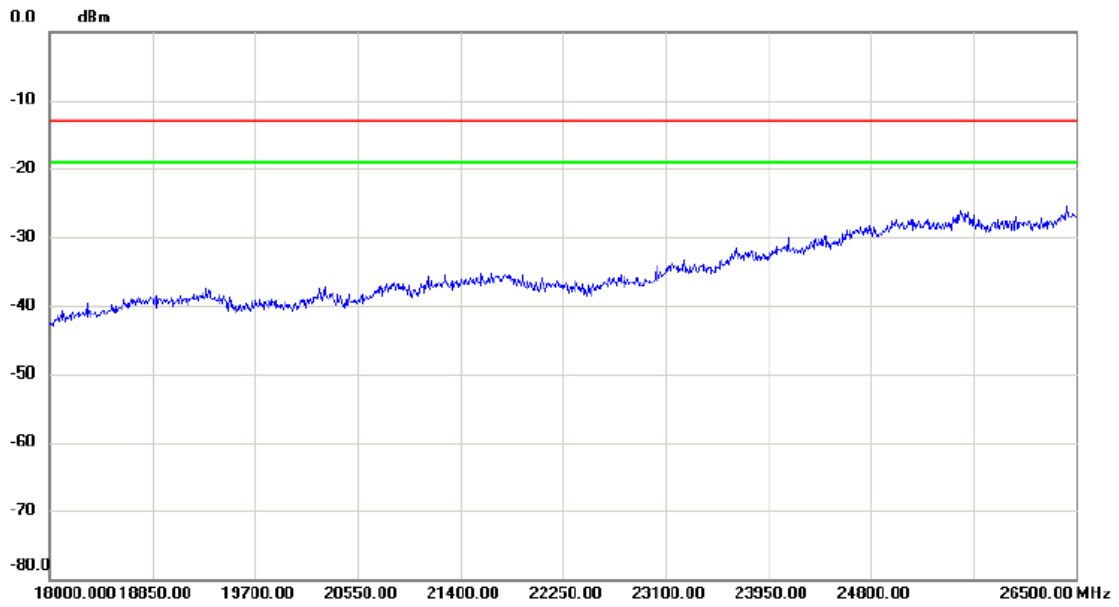
**Horizontal**



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

Test Mode: LTE Band 7\_TX CH21100\_5M

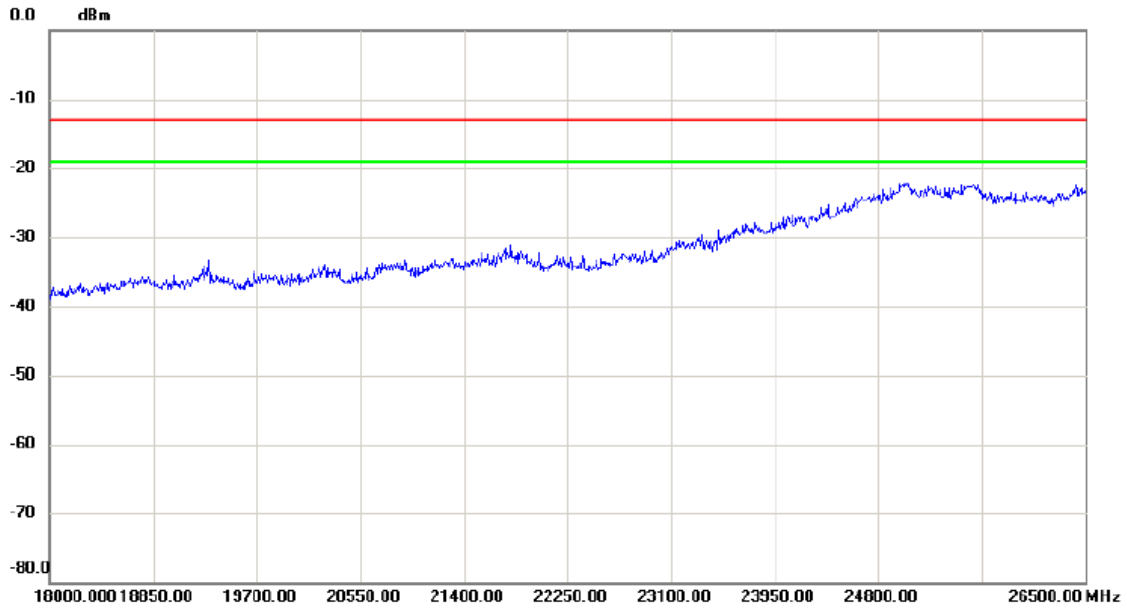
**Vertical**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		10000.000	-42						
		10950.00	-41						
		19700.00	-40						
		20550.00	-38						
		21400.00	-37						
		22250.00	-38						
		23100.00	-36						
		23950.00	-33						
		24800.00	-31						
		26500.00	-28						

Test Mode: LTE Band 7\_TX CH21100\_5M

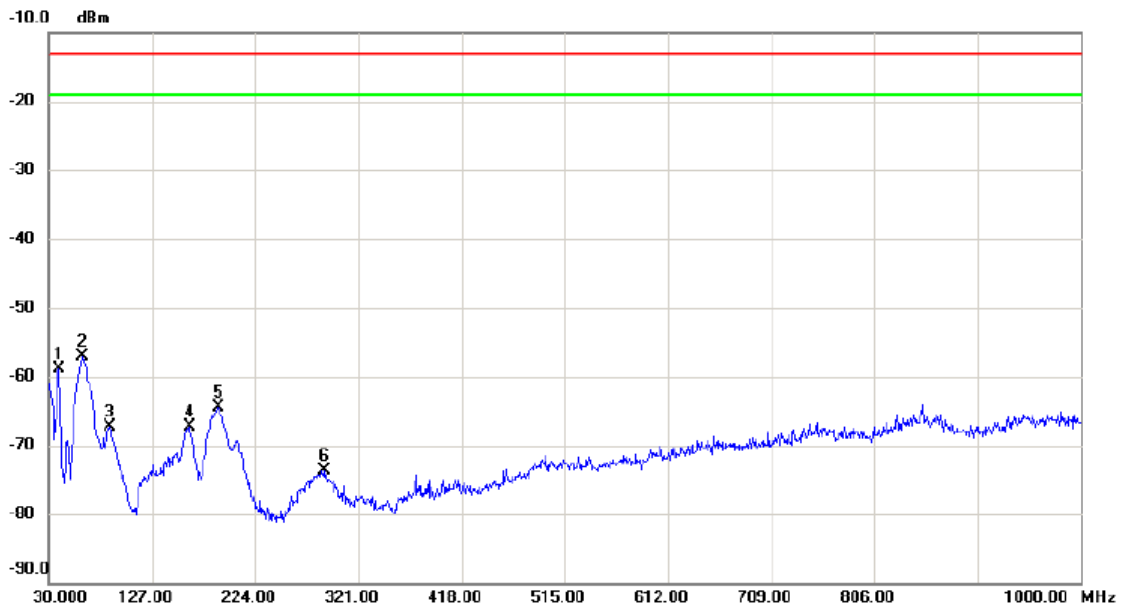
**Horizontal**



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 CH21100\_20M

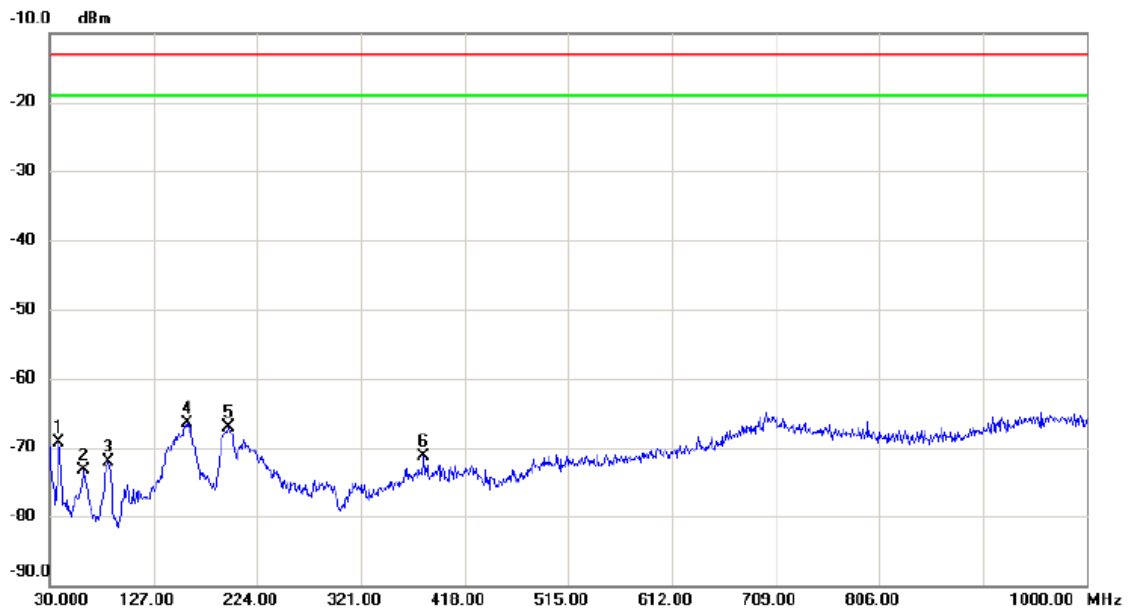
**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		39.700	-60.72	1.90	-58.82	-13.00	-45.82	peak	
2	*	62.010	-57.78	0.73	-57.05	-13.00	-44.05	peak	
3		87.230	-61.75	-5.46	-67.21	-13.00	-54.21	peak	
4		161.920	-69.91	2.55	-67.36	-13.00	-54.36	peak	
5		189.080	-62.97	-1.56	-64.53	-13.00	-51.53	peak	
6		288.990	-76.01	2.26	-73.75	-13.00	-60.75	peak	

Test Mode: LTE Band 7\_TX CH21100\_20M

**Horizontal**

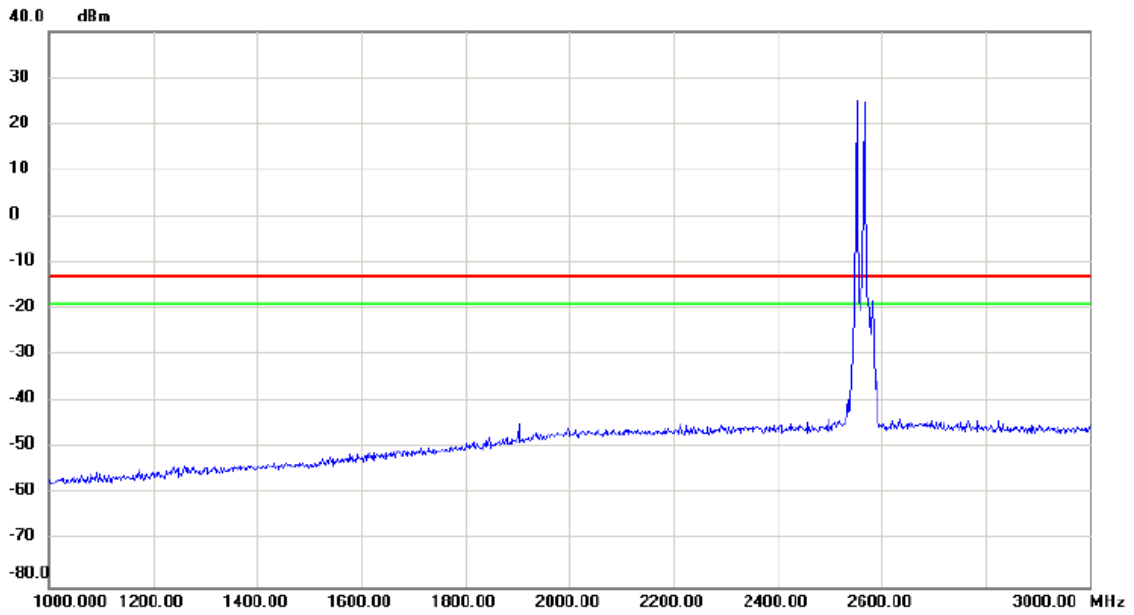


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-70.84	1.63	-69.21	-13.00	-56.21	peak	
2		62.010	-72.28	-0.97	-73.25	-13.00	-60.25	peak	
3		85.290	-64.23	-7.88	-72.11	-13.00	-59.11	peak	
4	*	158.040	-69.63	3.04	-66.59	-13.00	-53.59	peak	
5		196.840	-65.20	-1.81	-67.01	-13.00	-54.01	peak	
6		380.170	-77.37	6.10	-71.27	-13.00	-58.27	peak	



Test Mode: LTE Band 7\_TX CH21100\_20M

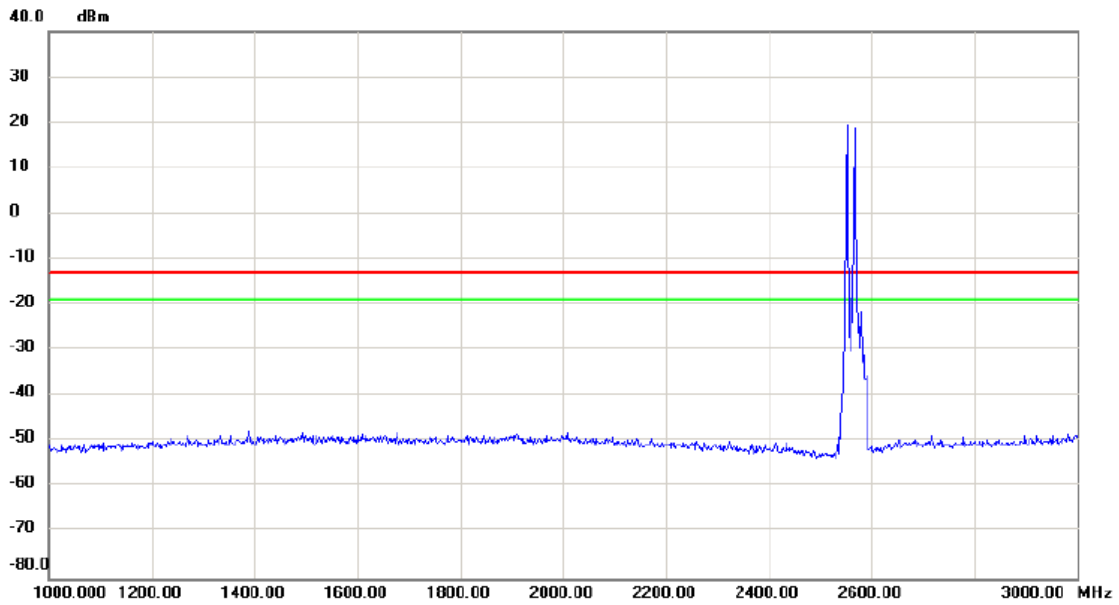
**Vertical**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		2550.00	25.0	0.0	25.0	-15.0	40.0		

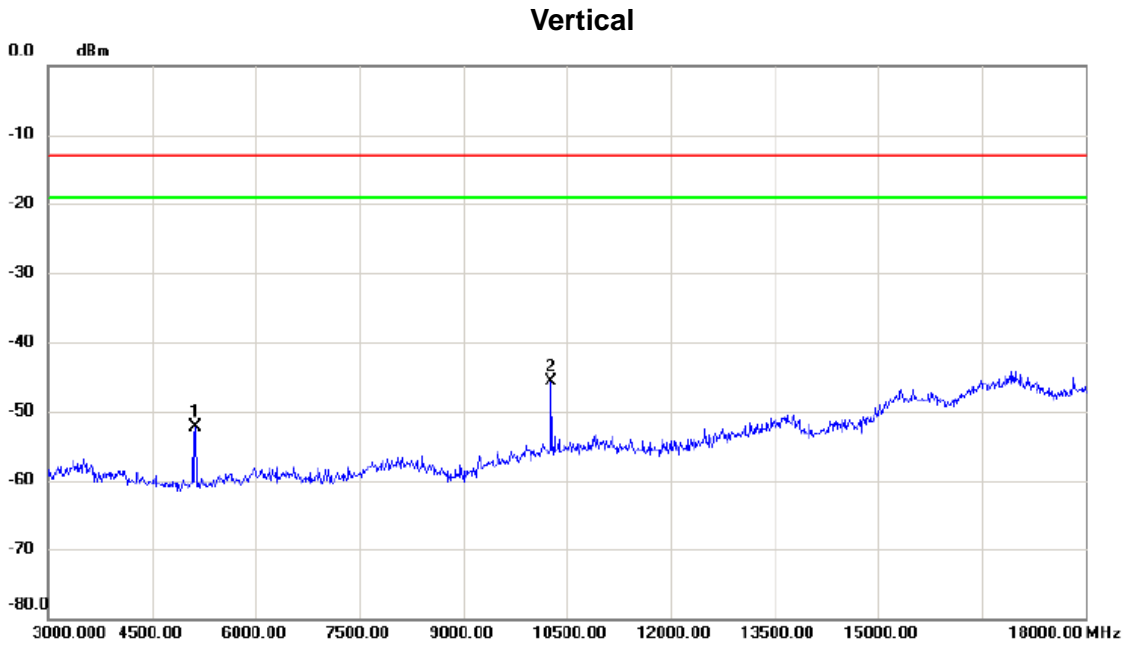
Test Mode: LTE Band 7\_TX CH21100\_20M

**Horizontal**



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		2550.000	20.0	0.0	20.0	-10.0	10.0		

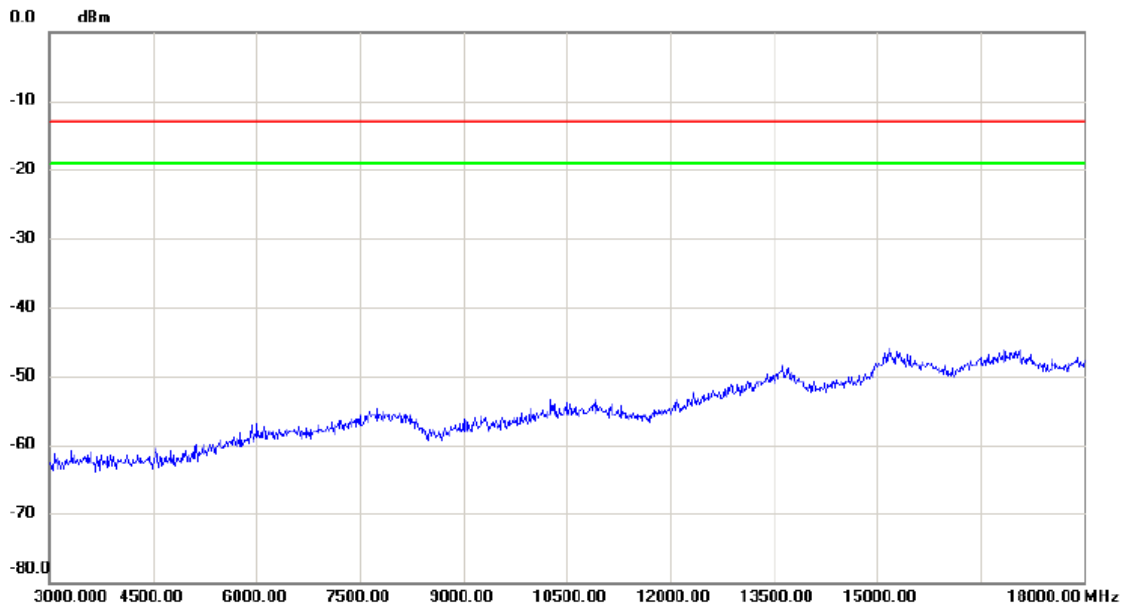
Test Mode: LTE Band 7\_TX CH21100\_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5130.000	-67.35	14.97	-52.38	-13.00	-39.38	peak	
2	*	10275.000	-67.55	21.86	-45.69	-13.00	-32.69	peak	

Test Mode: LTE Band 7\_TX CH21100\_20M

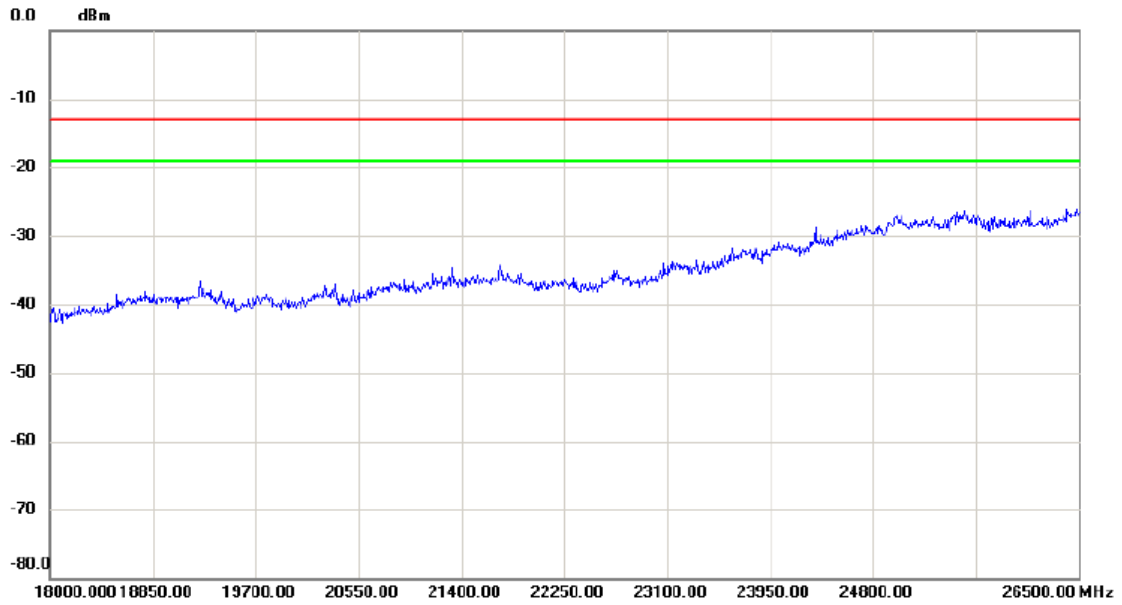
**Horizontal**



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

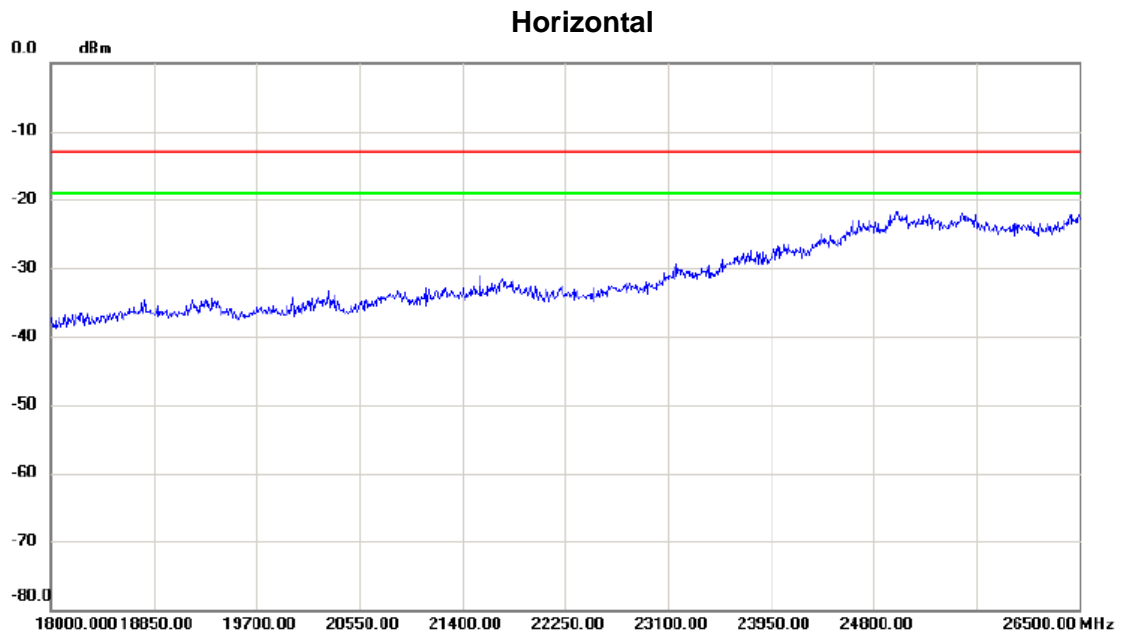
Test Mode: LTE Band 7\_TX CH21100\_20M

**Vertical**



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
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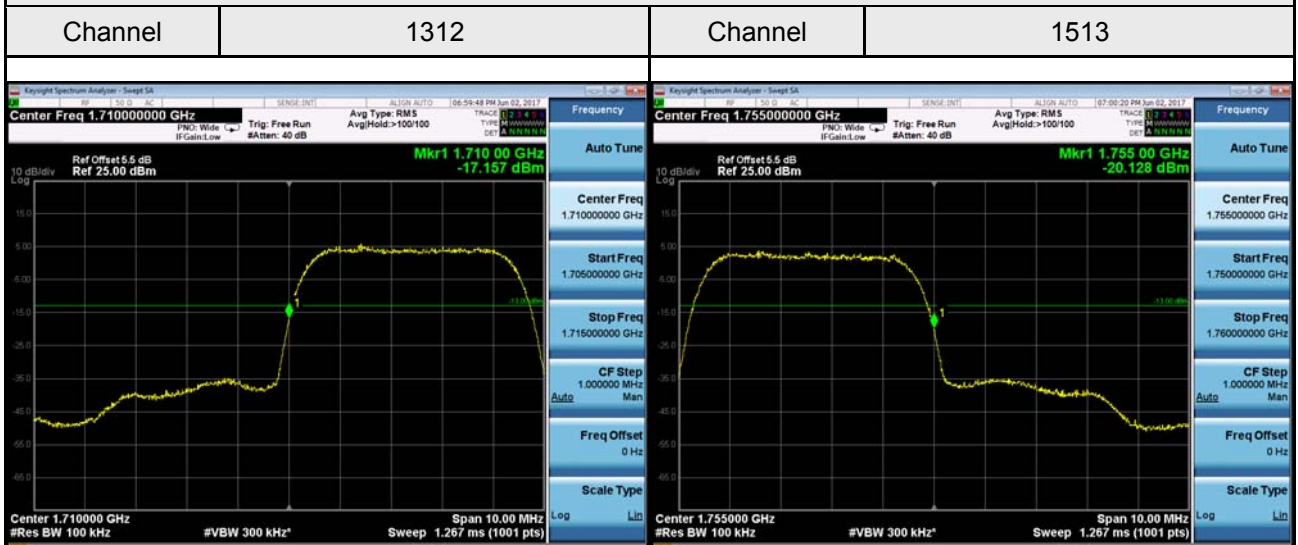
Test Mode: LTE Band 7\_TX CH21100\_20M



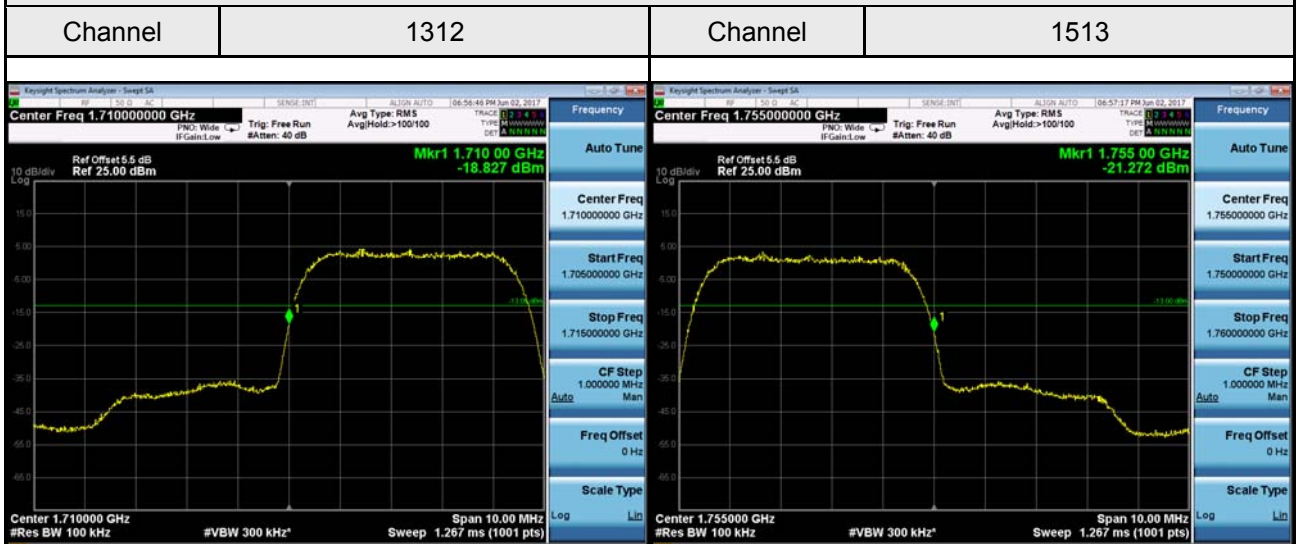
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment

## ATTACHMENT E - BAND EDGE

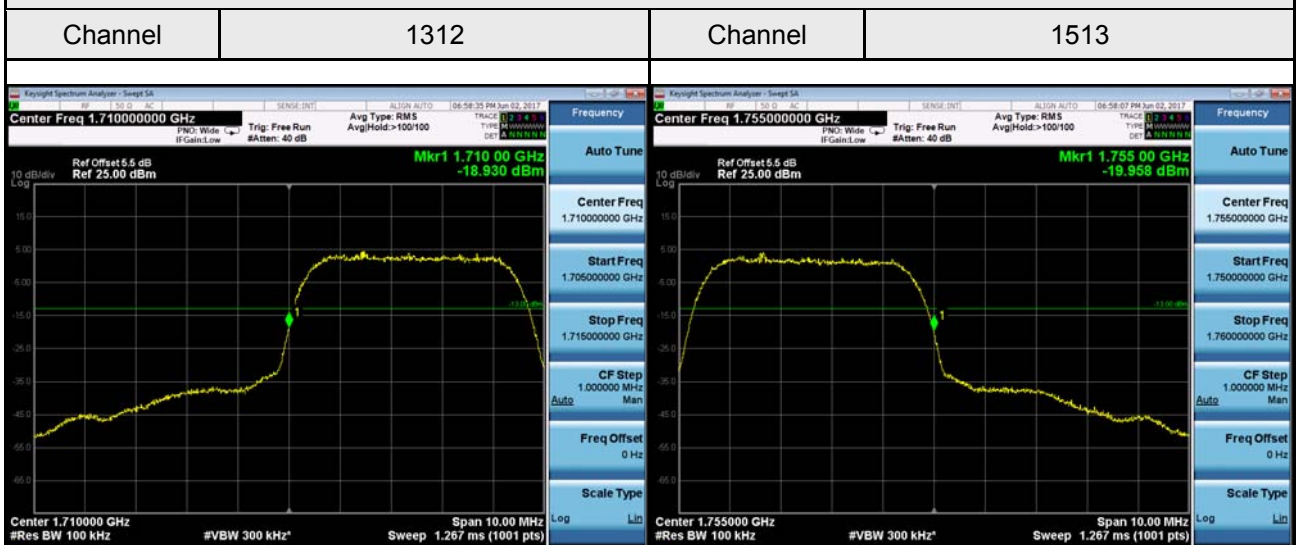
### WCDMA Band 4\_WCDMA



### WCDMA Band 4\_HSDPA



### WCDMA Band 4\_HSUPA





LTE Band 4\_1.4M

1RB0

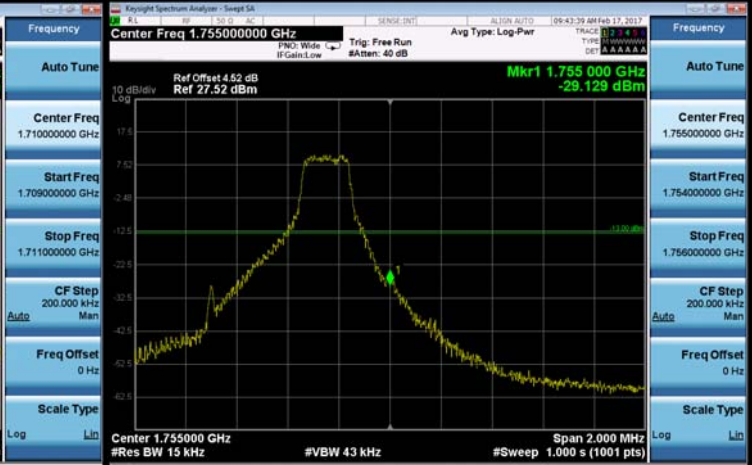
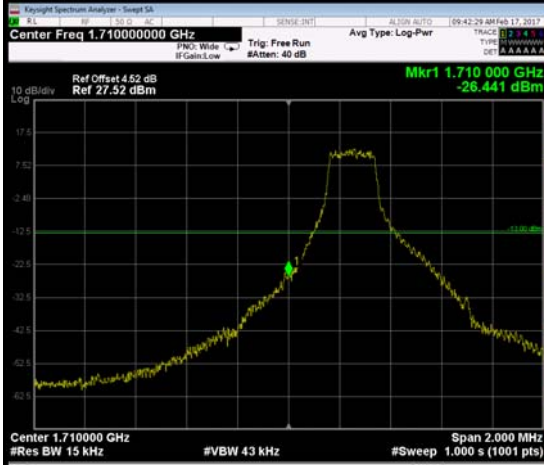
1RB5

Channel

19957

Channel

20393



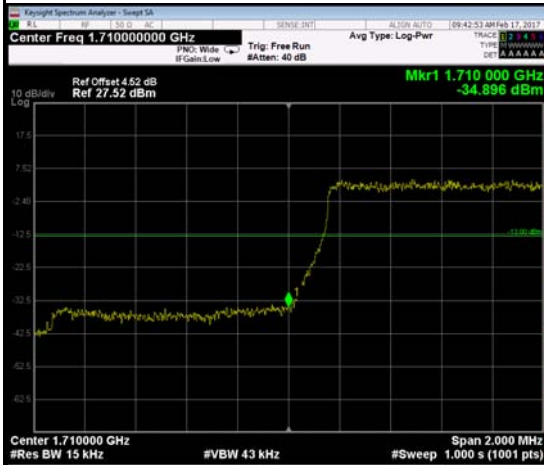
6RB0

Channel

19957

Channel

20393



LTE Band 4\_3M

1RB0

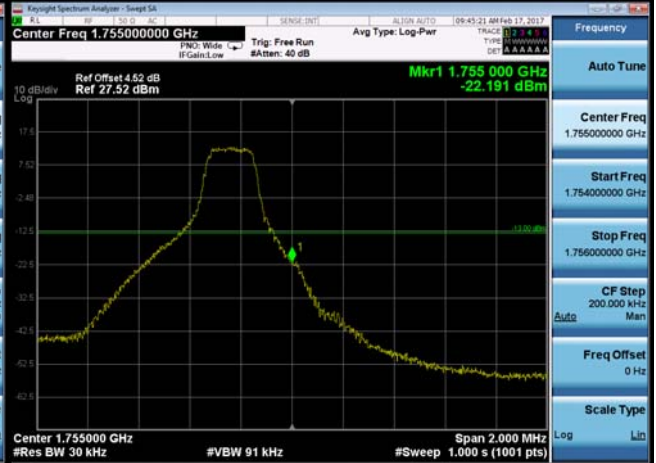
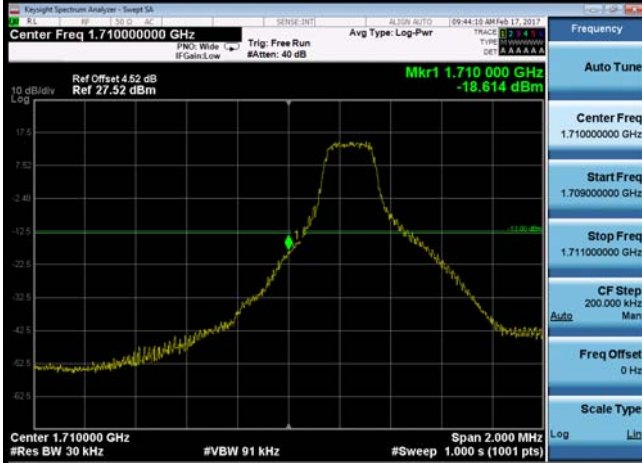
1RB14

Channel

19965

Channel

20385



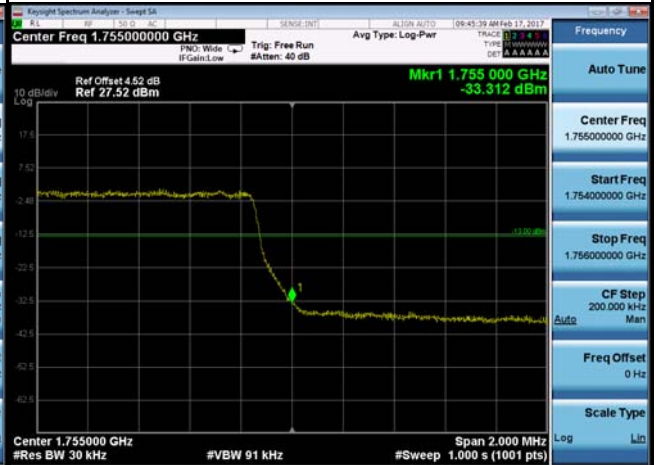
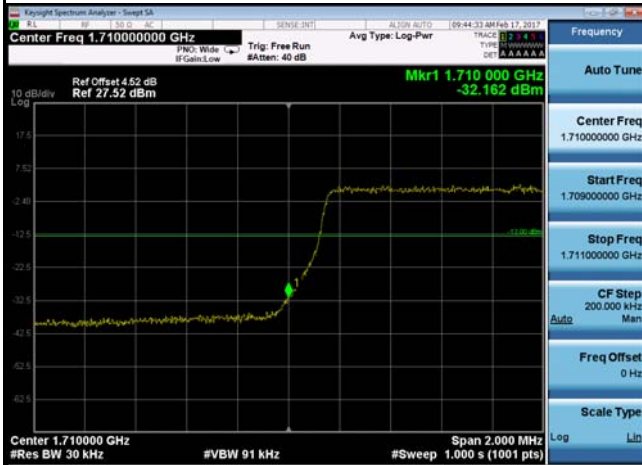
15RB0

Channel

19965

Channel

20385



LTE Band 4\_5M

1RB0

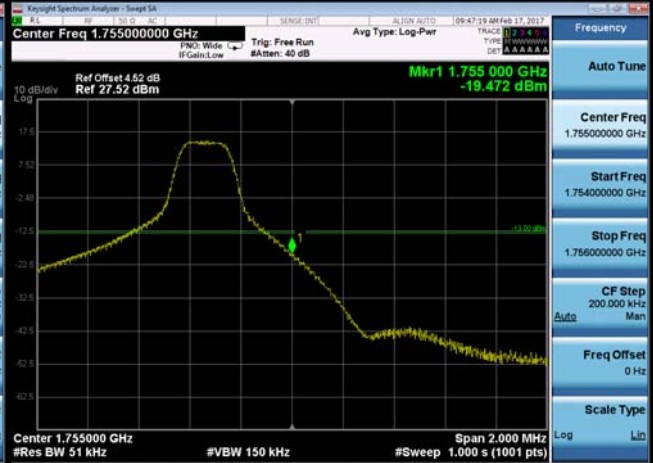
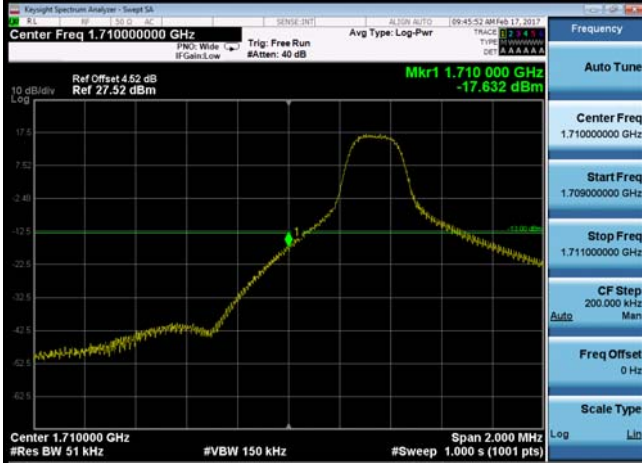
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Channel

19975

Channel

20375



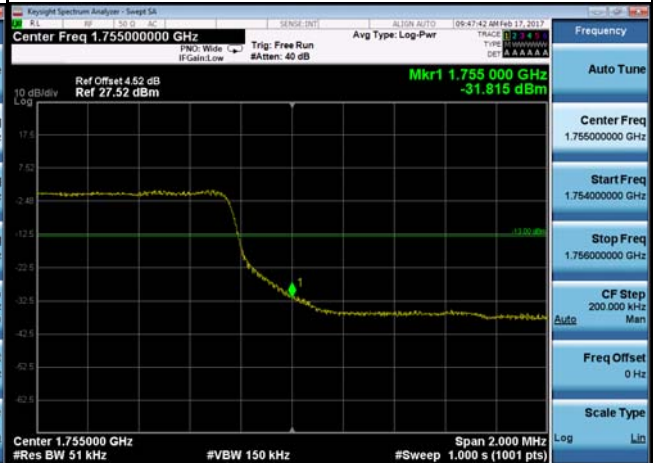
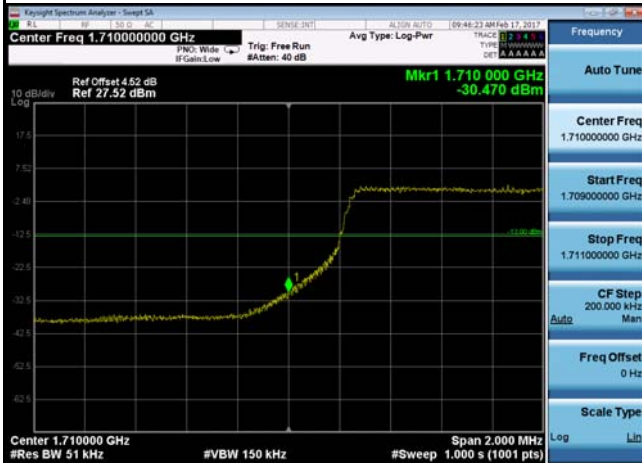
25RB0

Channel

19975

Channel

20375



LTE Band 4\_10M

1RB0

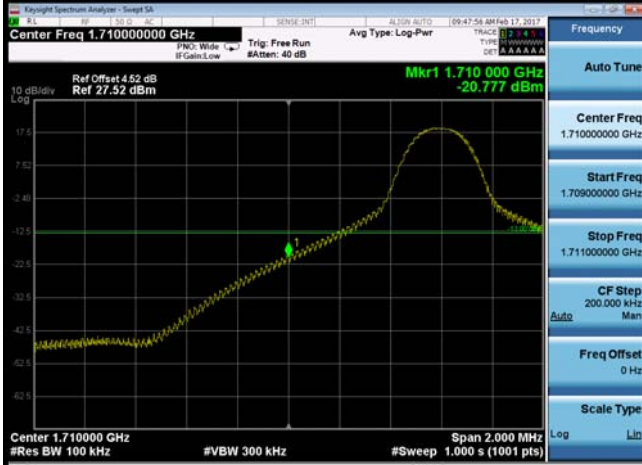
1RB49

Channel

20000

Channel

20350



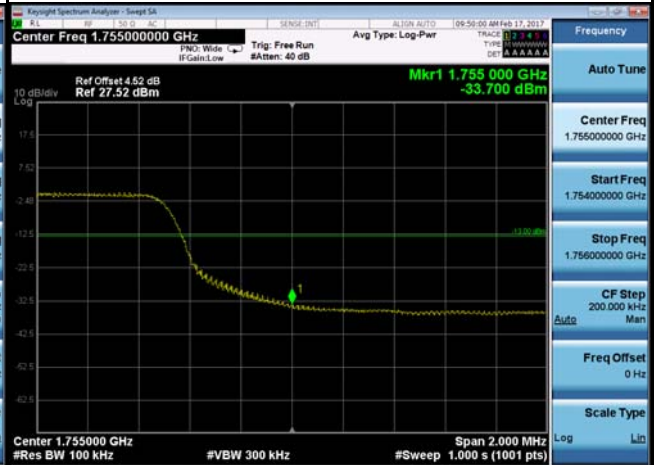
50RB0

Channel

20000

Channel

20350



LTE Band 4\_15M

1RB0

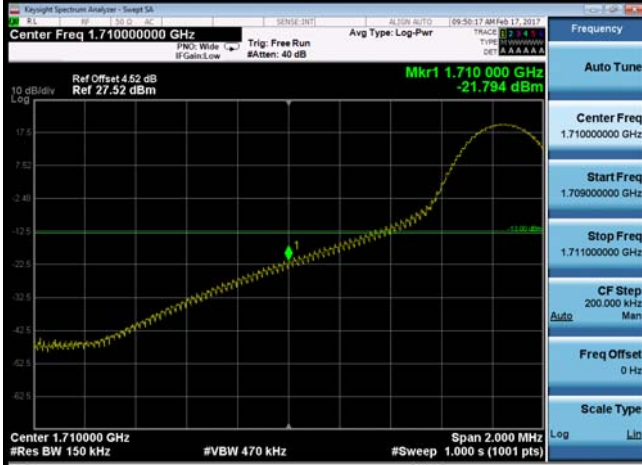
1RB74

Channel

20025

Channel

20325



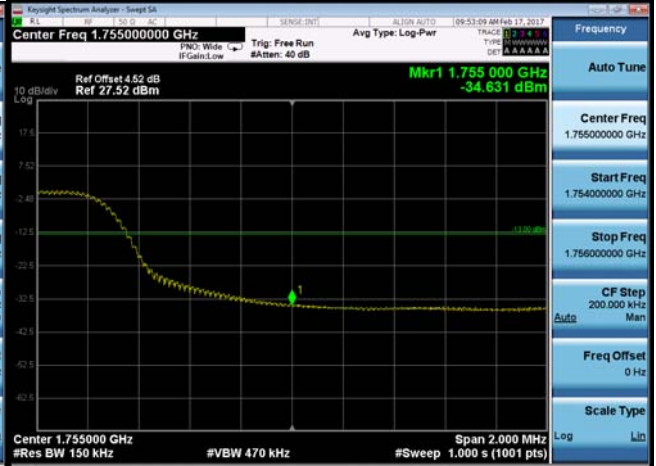
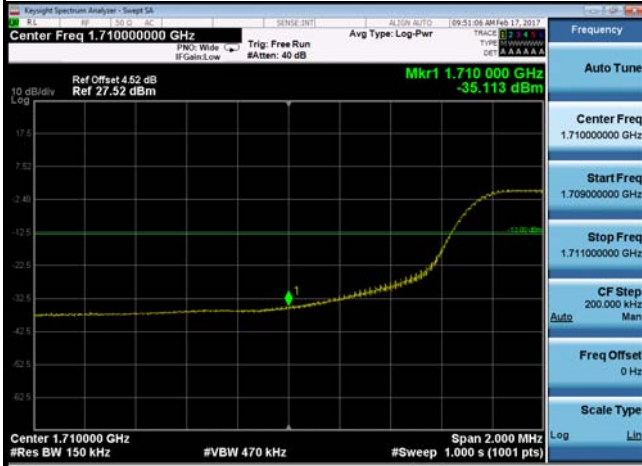
75RB0

Channel

20025

Channel

20325



LTE Band 4\_20M

1RB0

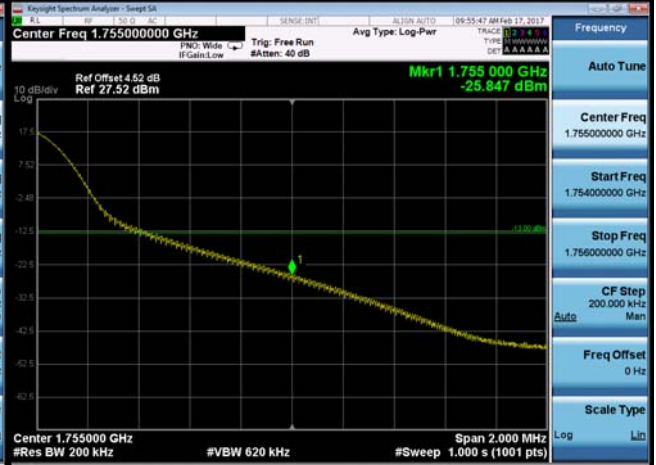
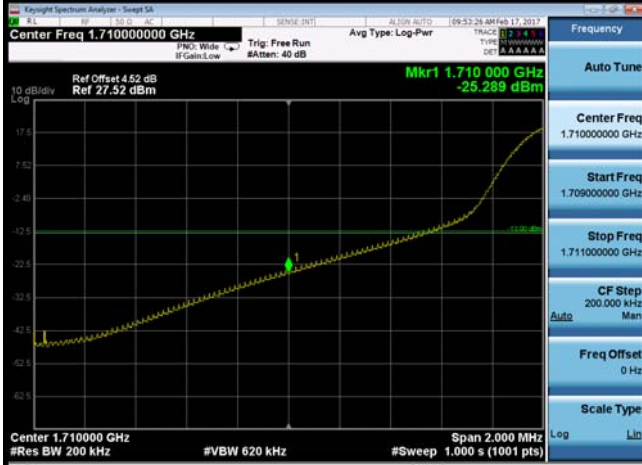
1RB99

Channel

20050

Channel

20300



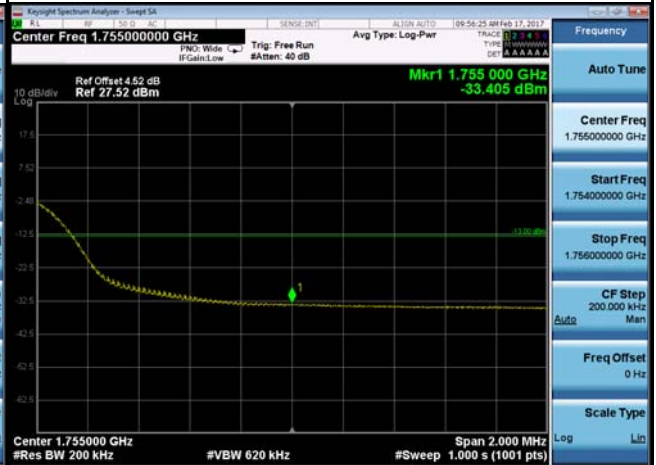
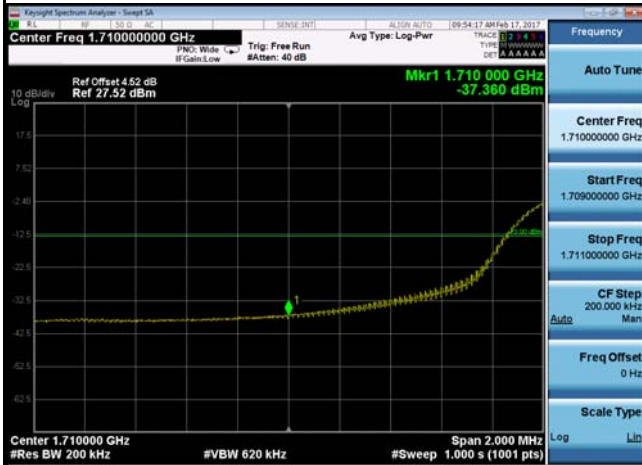
100RB0

Channel

20050

Channel

20300



LTE Band 7\_5M

1RB0

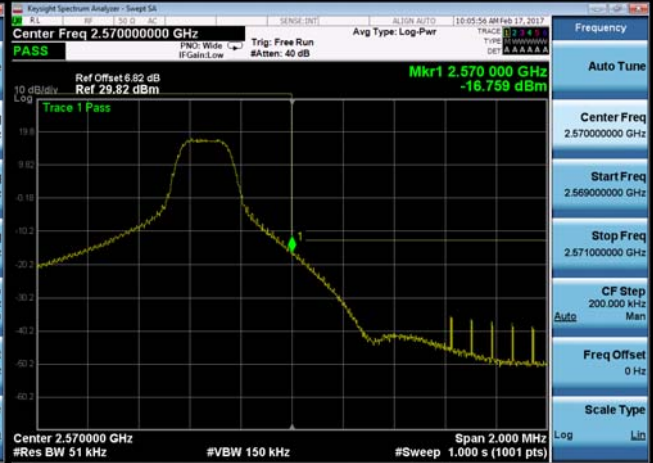
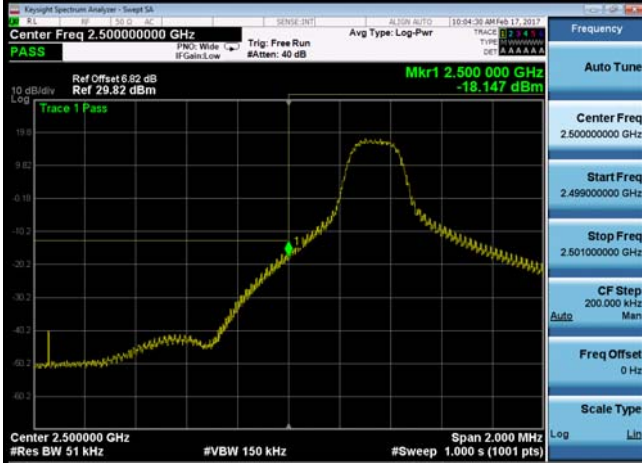
1RB24

Channel

20775

Channel

21425



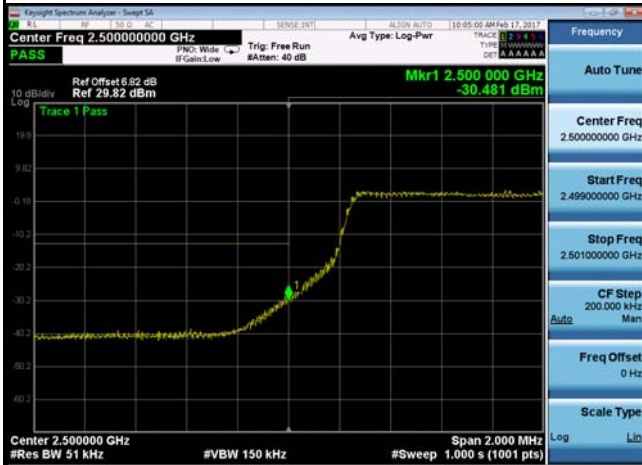
25RB0

Channel

20775

Channel

21425



LTE Band 7\_10M

1RB0

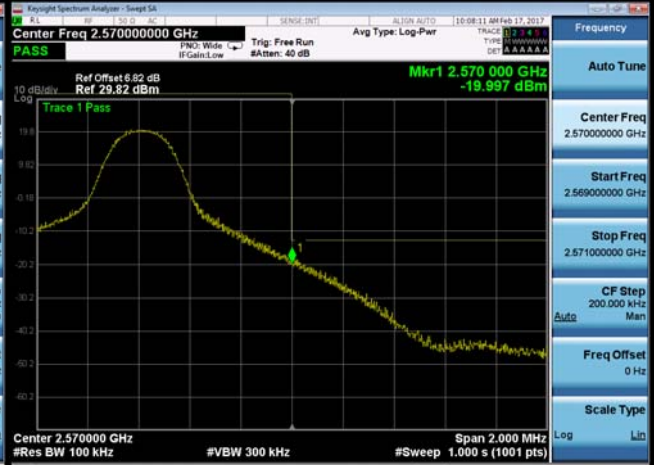
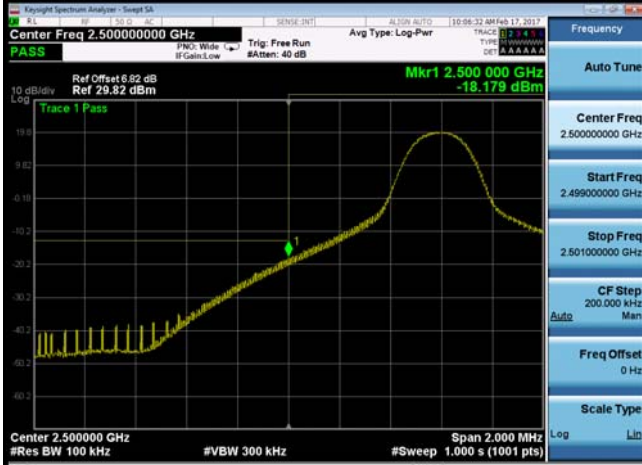
1RB49

Channel

20800

Channel

21400



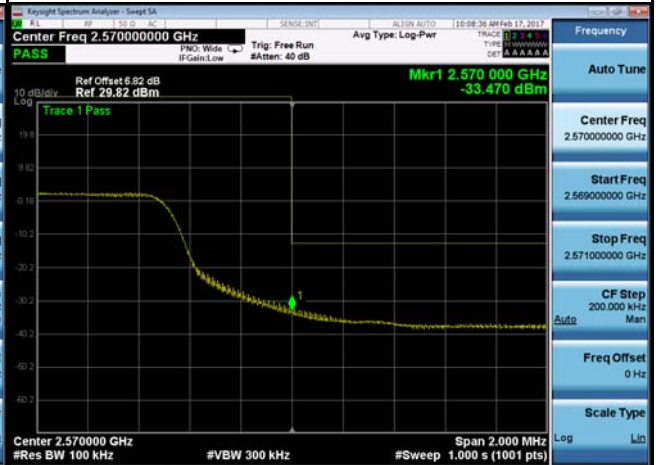
50RB0

Channel

20800

Channel

21400





LTE Band 7\_15M

1RB0

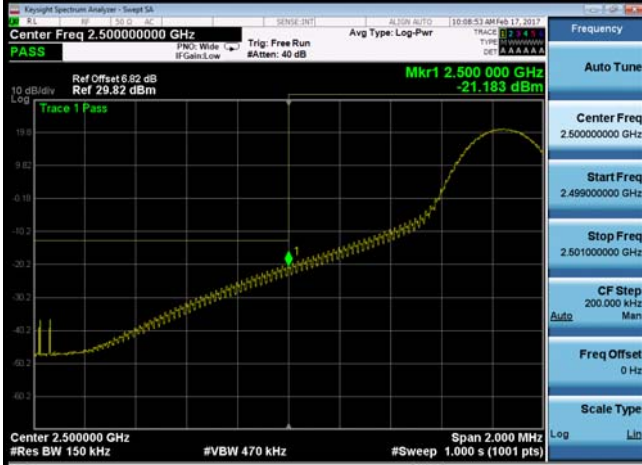
1RB74

Channel

20825

Channel

21375



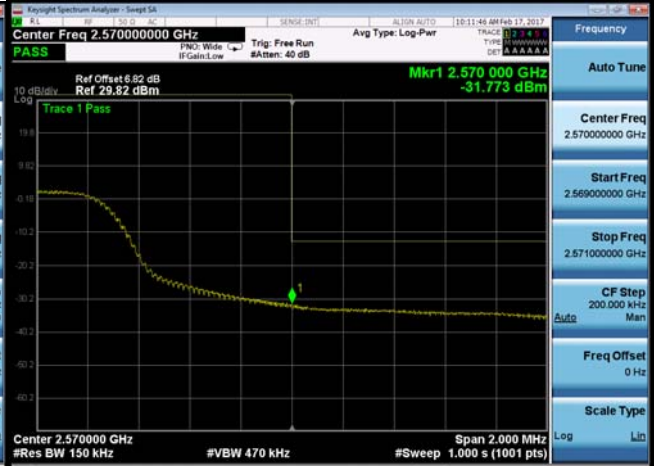
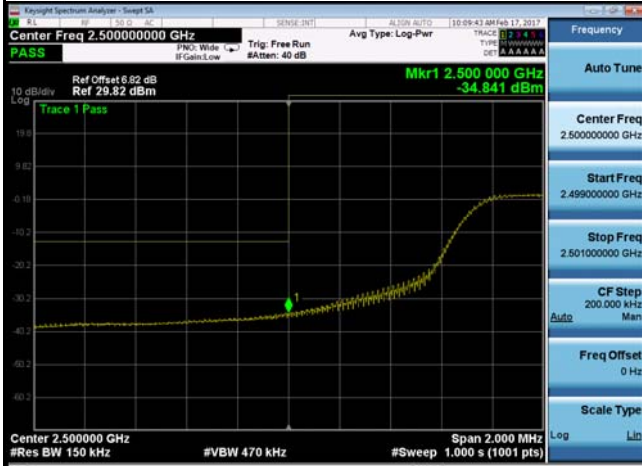
75RB0

Channel

20825

Channel

21375



LTE Band 7\_20M

1RB0

1RB99

Channel

20850

Channel

21350



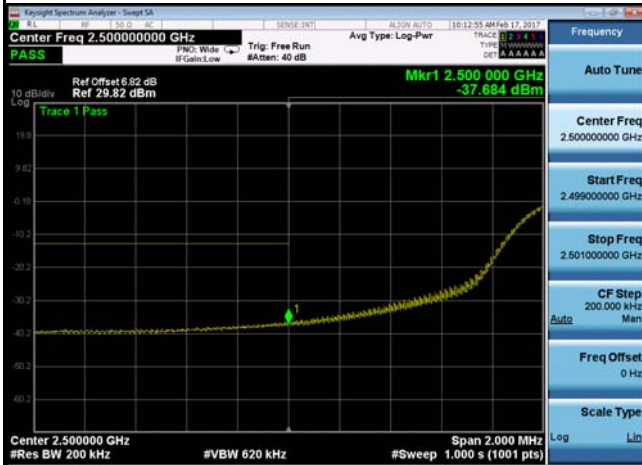
100RB0

Channel

20850

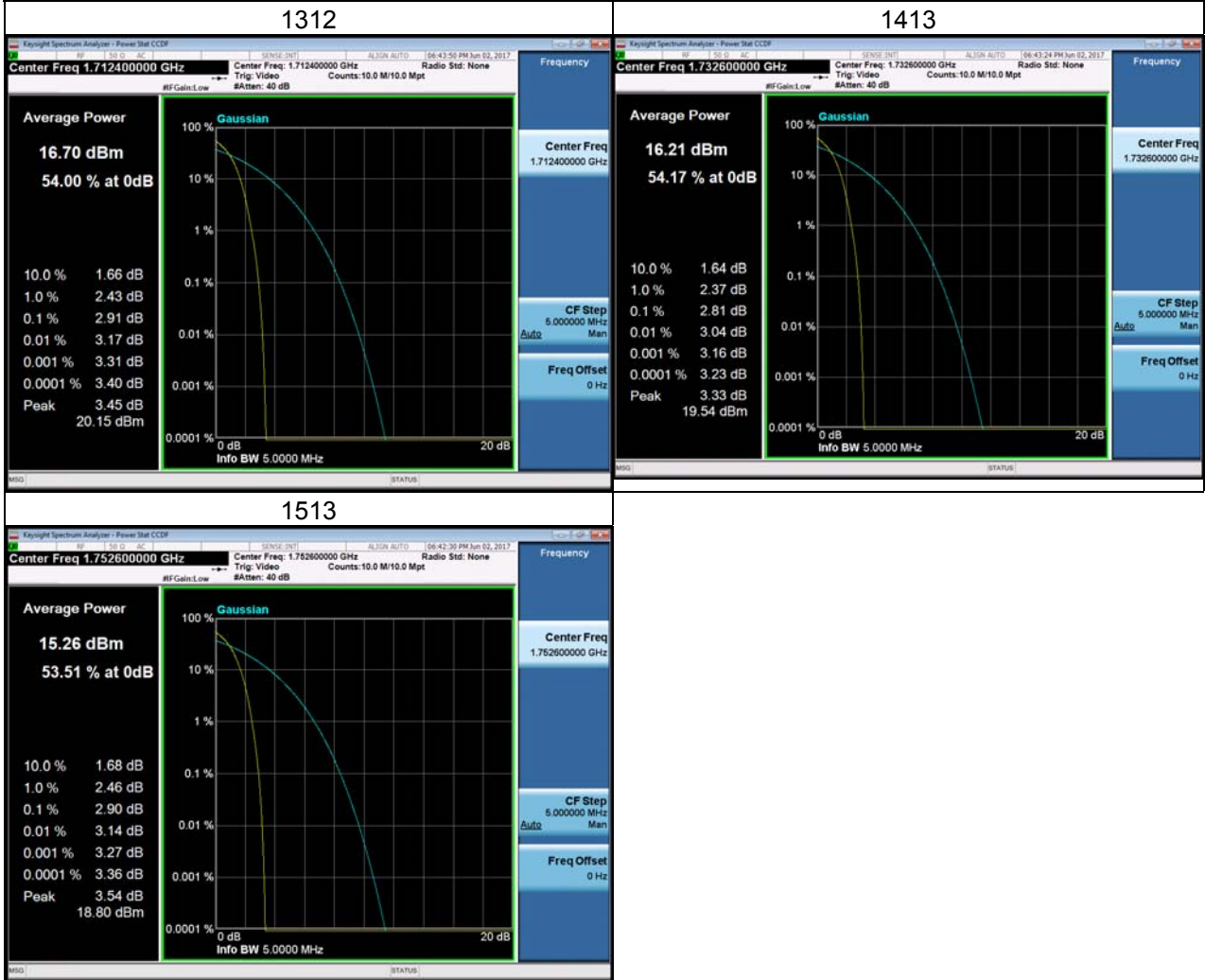
Channel

21350

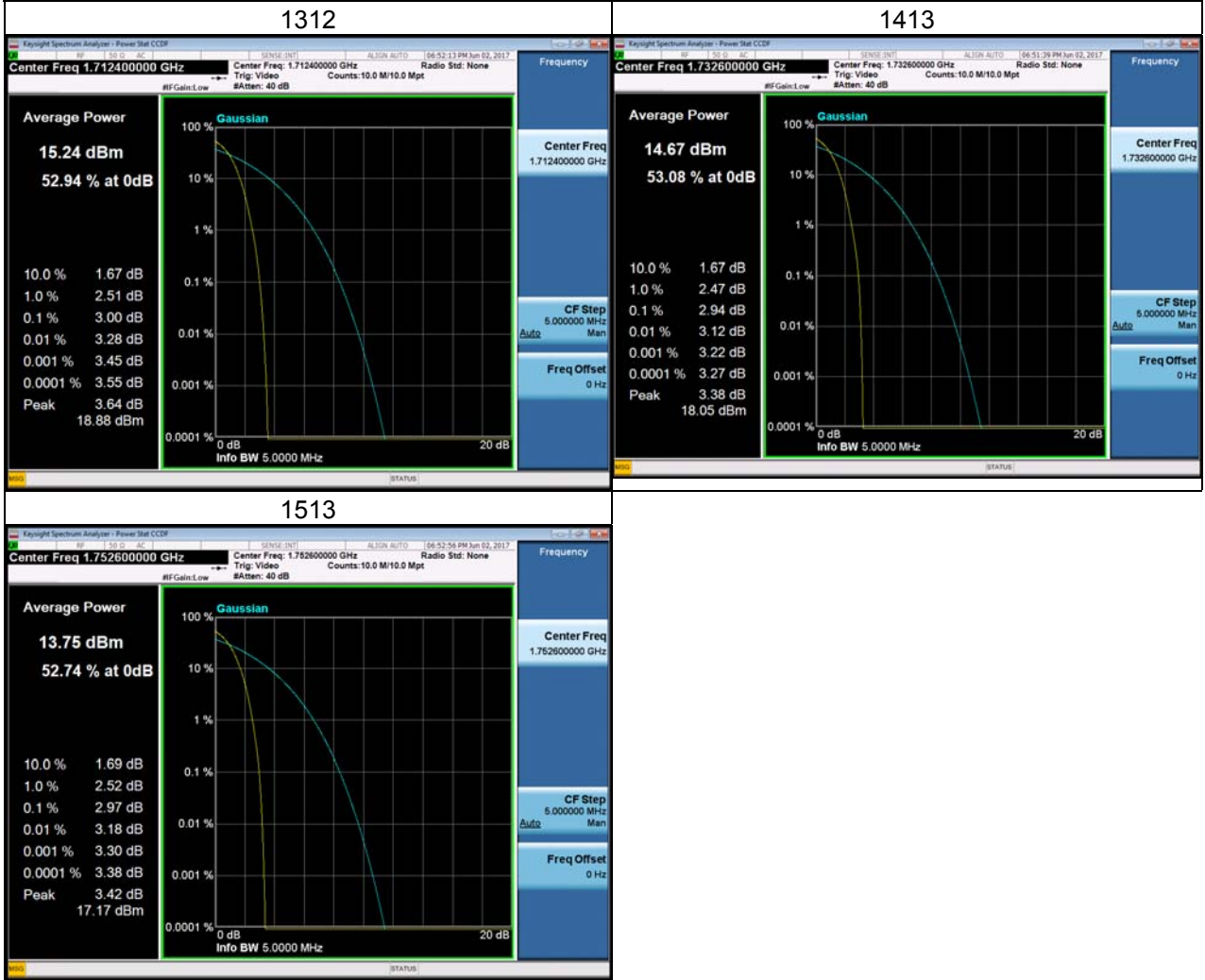


## ATTACHMENT F - PEAK TO AVERAGE RATIO

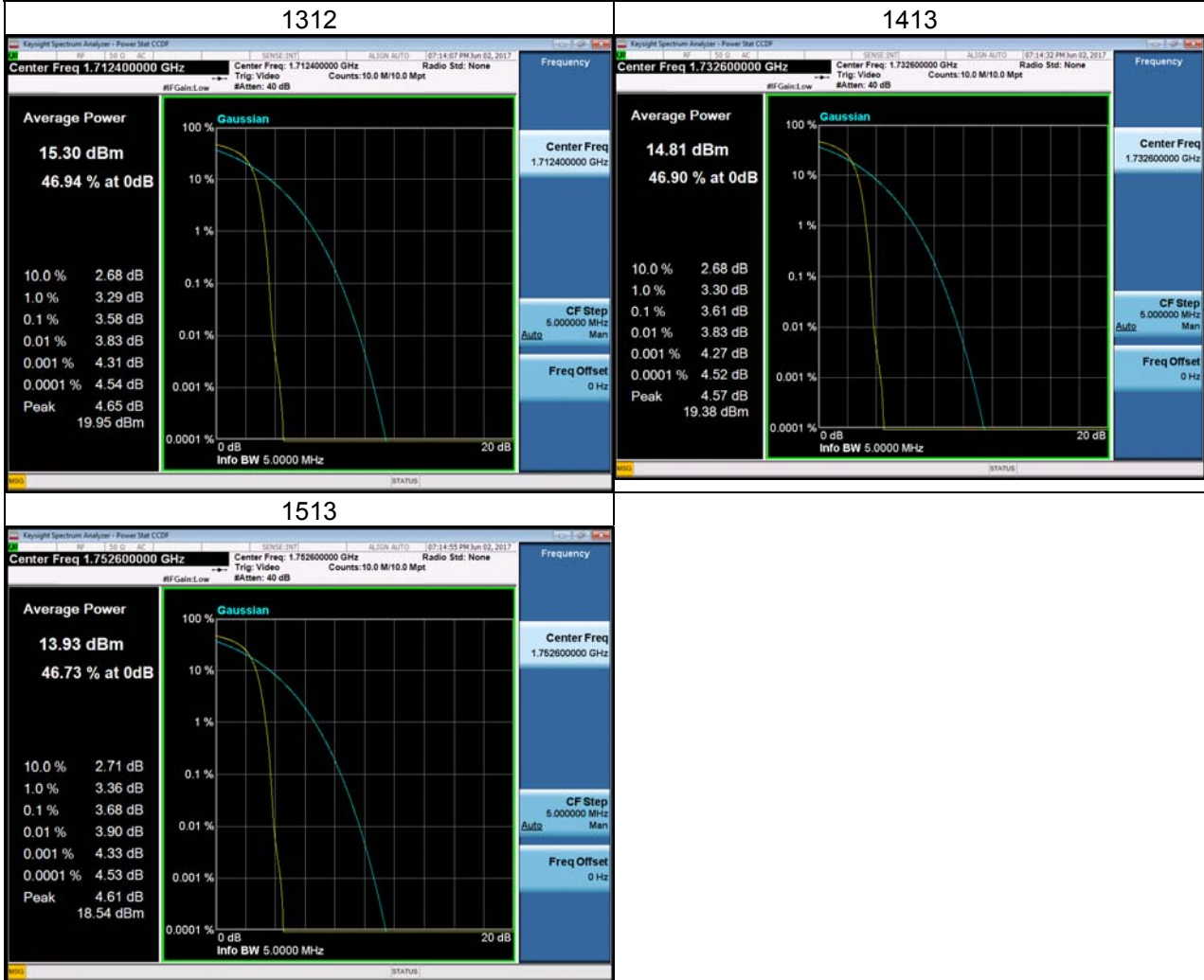
### WCDMA Band 4 Spectrum Plot\_WCDMA



### WCDMA Band 4 Spectrum Plot\_HSDPA



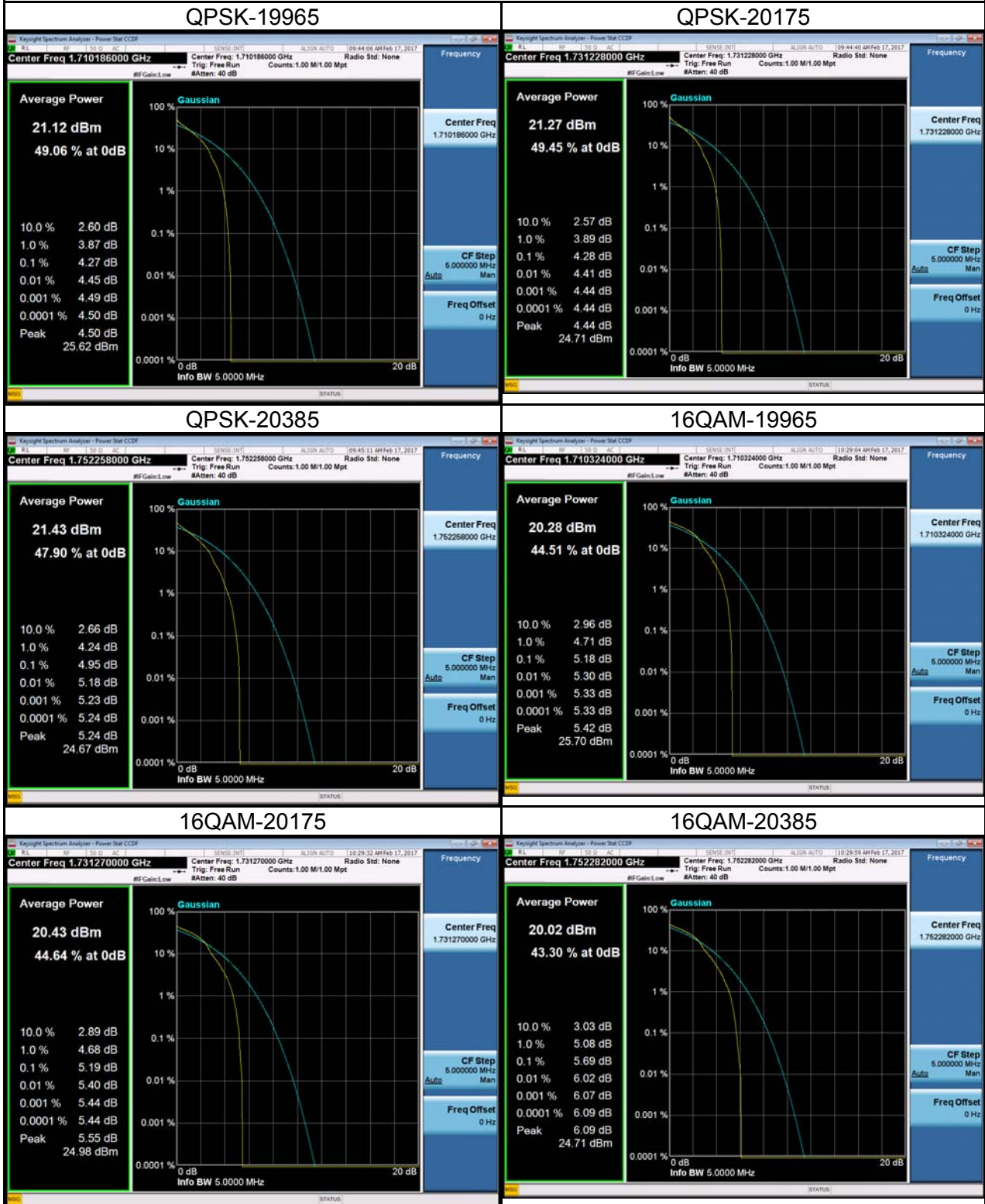
### WCDMA Band 4 Spectrum Plot\_HSUPA



### LTE Band 4 Spectrum Plot\_1.4M

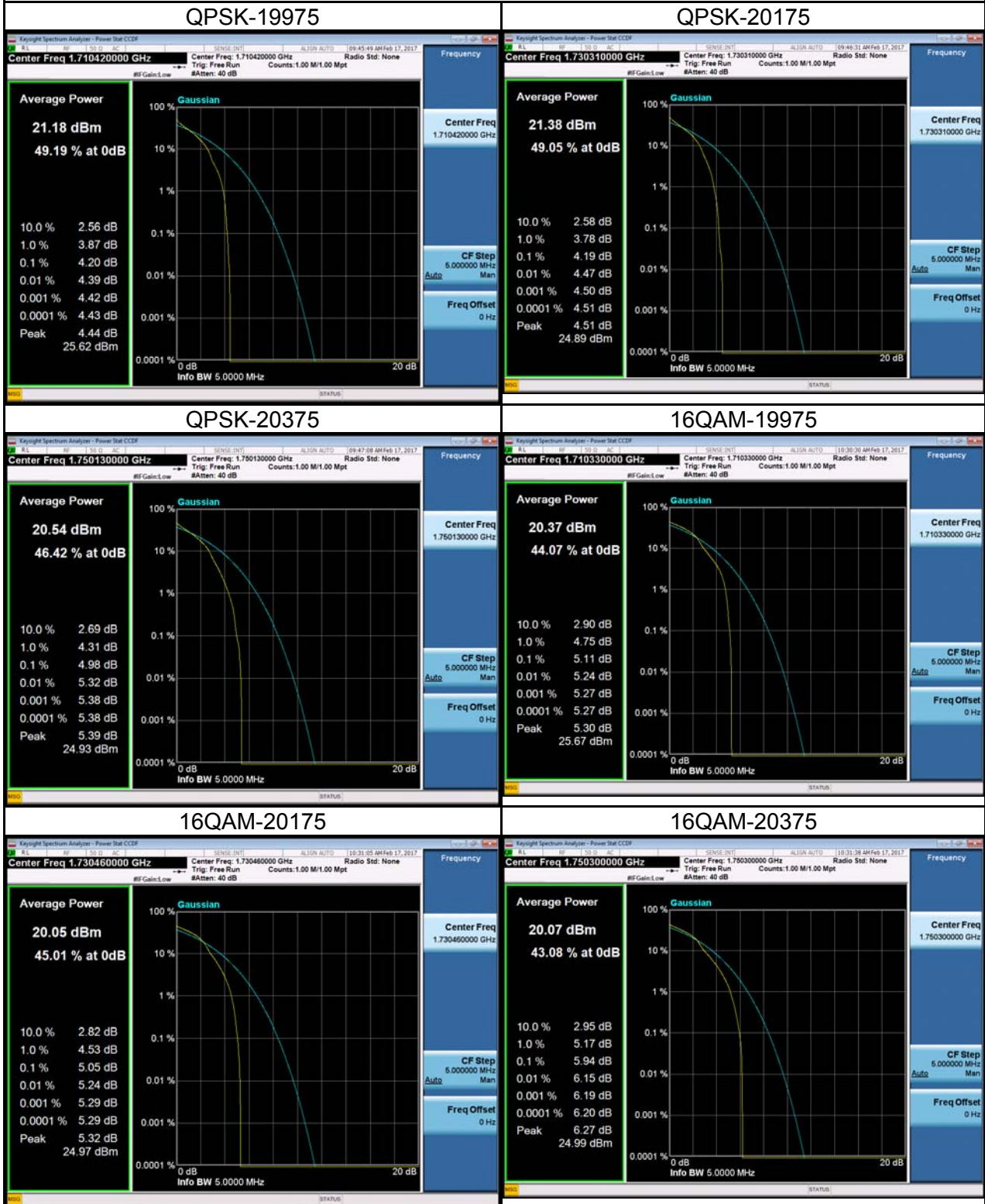


### LTE Band 4 Spectrum Plot\_3M

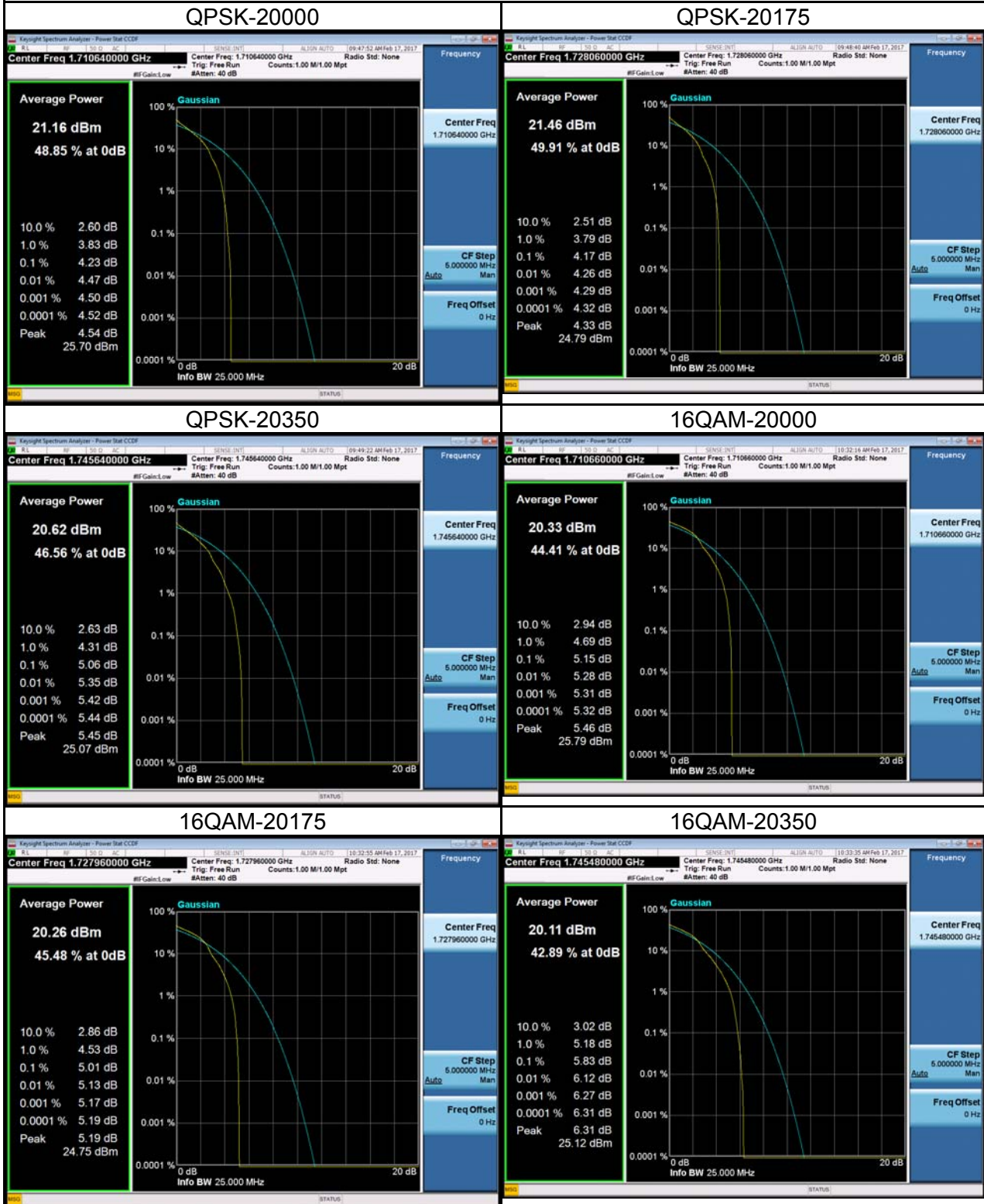




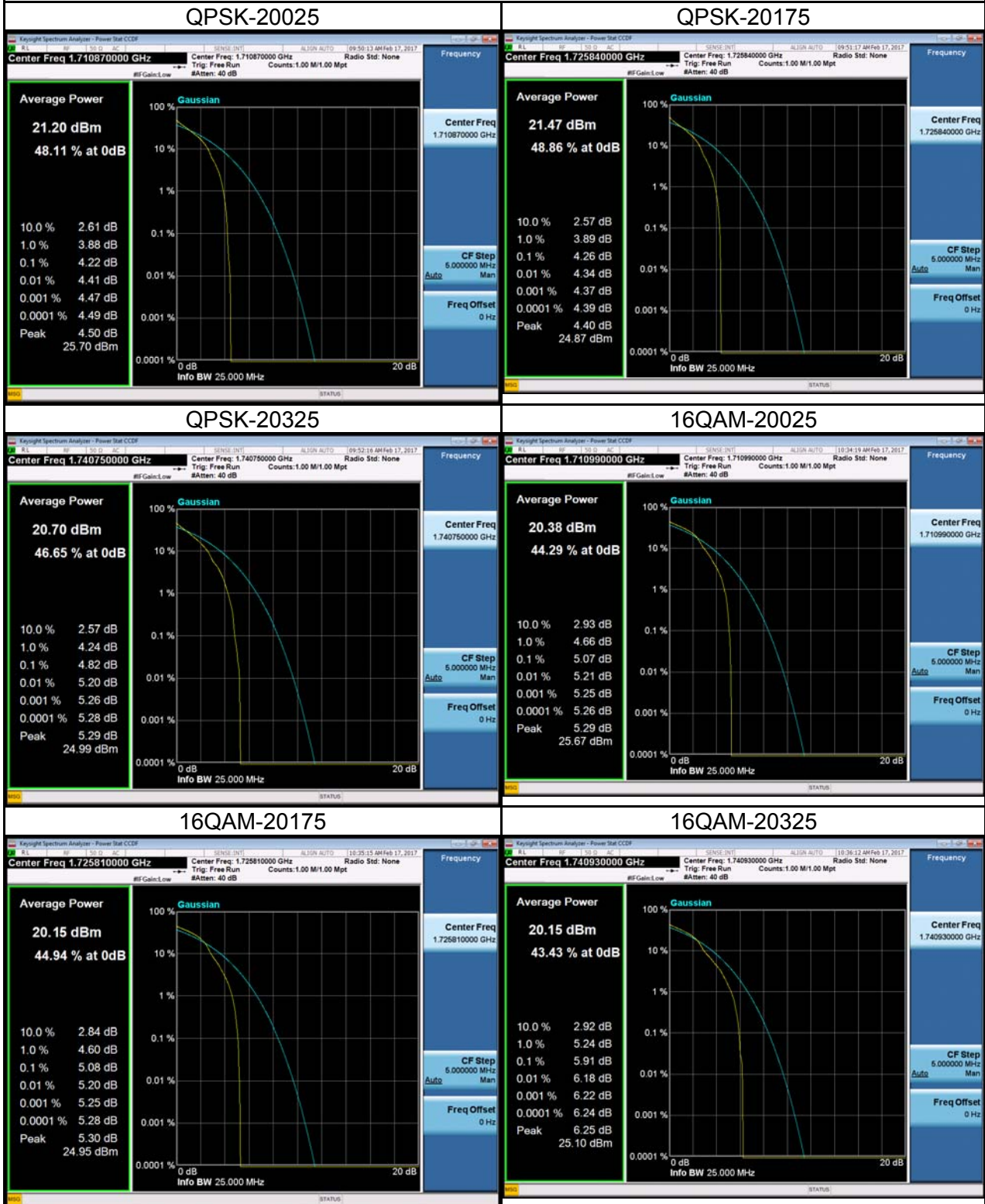
### LTE Band 4 Spectrum Plot\_5M



### LTE Band 4 Spectrum Plot\_10M



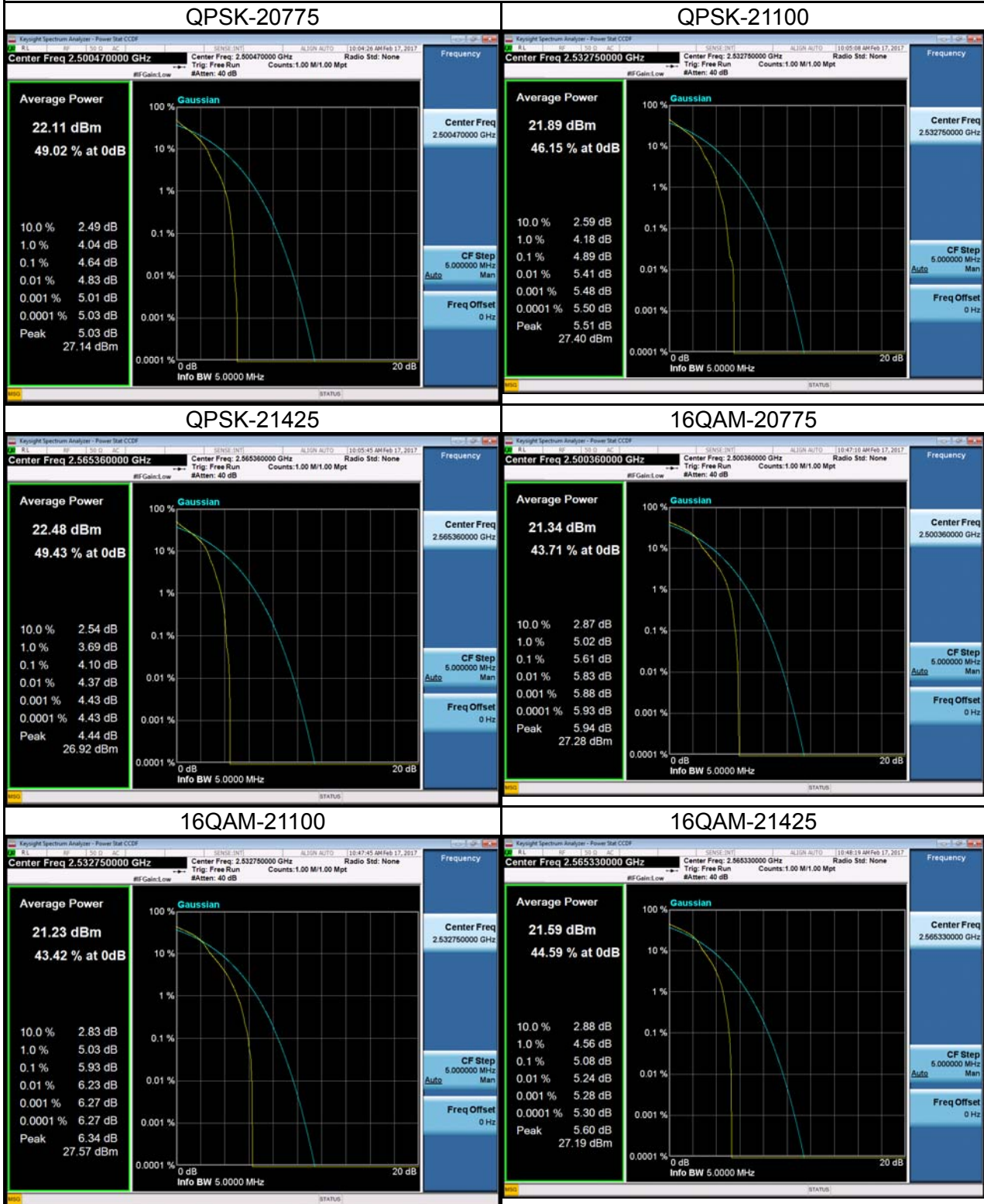
### LTE Band 4 Spectrum Plot\_15M



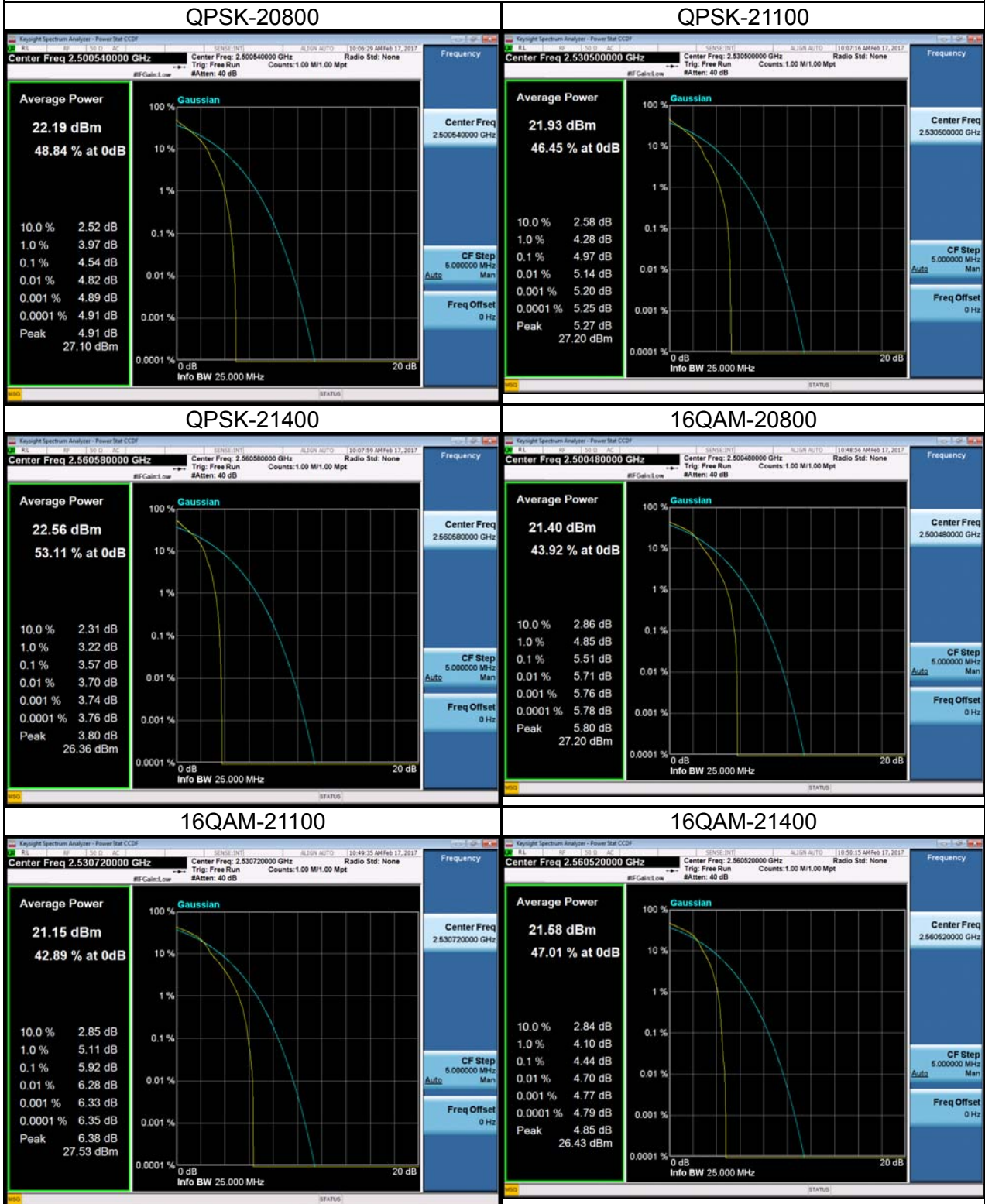
### LTE Band 4 Spectrum Plot\_20M



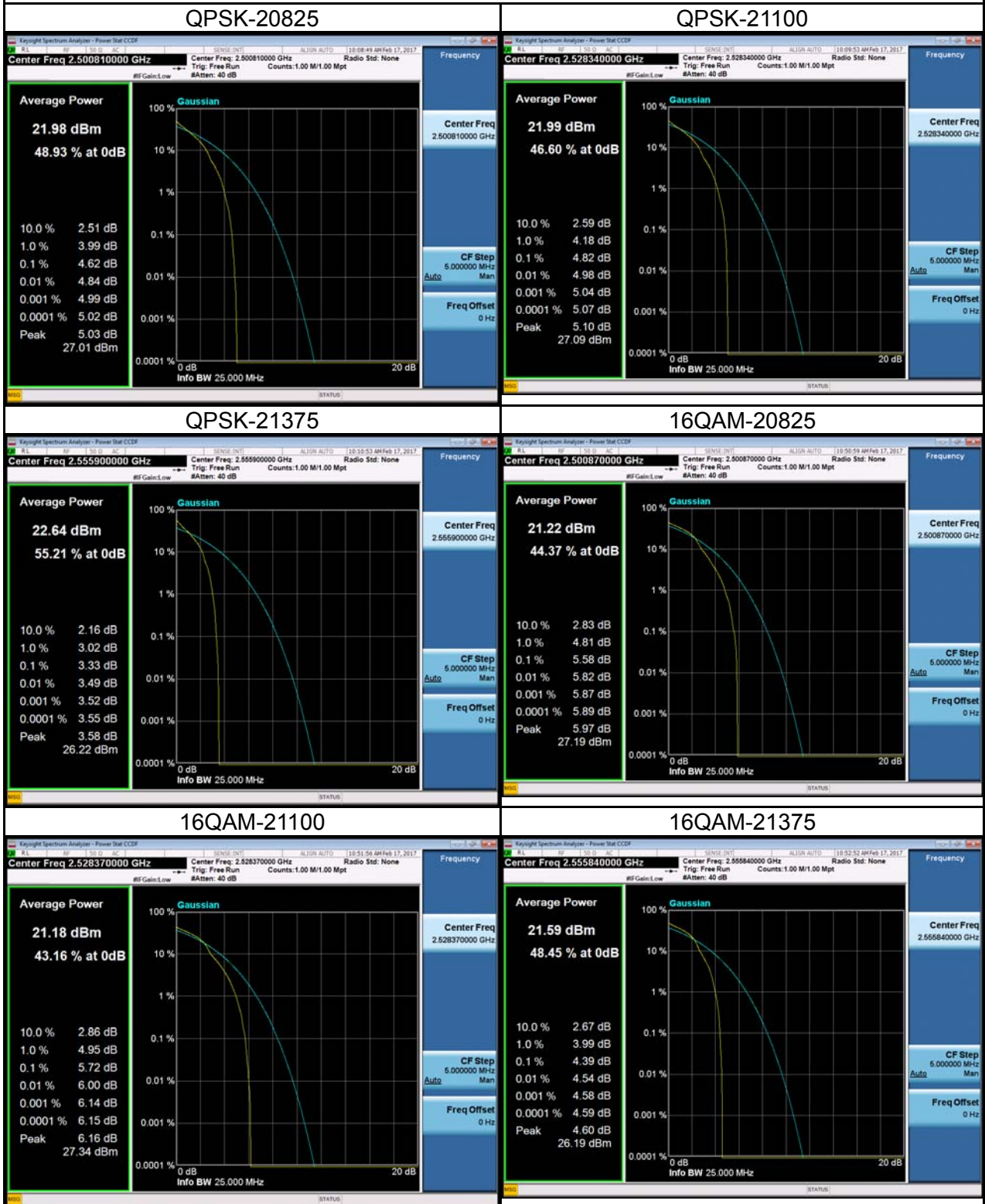
### LTE Band 7 Spectrum Plot\_5M



### LTE Band 7 Spectrum Plot\_10M



### LTE Band 7 Spectrum Plot\_15M



### LTE Band 7 Spectrum Plot\_20M





## 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)
0	7.69	0.004438416	2.5
5	8.54	0.004929008	2.5
10	7.66	0.004421101	2.5
15	9.05	0.005223364	2.5
20	7.47	0.004311439	2.5
25	7.28	0.004201778	2.5
30	8.34	0.004813575	2.5
35	9.13	0.005269537	2.5
Max. Deviation (ppm)	<b>9.13</b>	<b>0.005269537</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
Low	8.89	0.005131017	2.5
Middle	9.32	0.005379199	2.5
High	8.52	0.004917465	2.5
Max. Deviation (ppm)	<b>9.32</b>	<b>0.005379199</b>	2.5

Test Mode:	LTE Band 4_CH20175_1.4M
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**Temperature vs. Frequency Stability**

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.88	0.002239538	2.5
5	2.56	0.001477633	2.5
10	-3.45	0.001991342	2.5
15	6.37	0.003676768	2.5
20	1.78	0.001027417	2.5
25	-2.33	0.001344877	2.5
30	-4.12	0.002378066	2.5
35	3.48	0.002008658	2.5
Max. Deviation (ppm)	<b>6.37</b>	<b>0.003676768</b>	2.5

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.15	0.001240981	2.5
4.0	3.67	0.002118326	2.5
4.2	2.09	0.001206349	2.5
Max. Deviation (ppm)	<b>3.67</b>	<b>0.002118326</b>	2.5

Test Mode:	LTE Band 4_CH20175_3M
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### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	-2.69	0.00155267	2.5
5	-3.33	0.001922078	2.5
10	5.69	0.003284271	2.5
15	4.59	0.002649351	2.5
20	2.36	0.001362193	2.5
25	-6.32	0.003647908	2.5
30	5.79	0.003341991	2.5
35	5.51	0.003180375	2.5
Max. Deviation (ppm)	<b>6.32</b>	<b>0.003647908</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.28	0.000738817	2.5
4.0	-2.60	0.001500722	2.5
4.2	-5.34	0.003082251	2.5
Max. Deviation (ppm)	<b>5.34</b>	<b>0.003082251</b>	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)
0	3.22	0.001858586	2.5
5	-1.48	0.000854257	2.5
10	1.83	0.001056277	2.5
15	-2.36	0.001362193	2.5
20	5.68	0.003278499	2.5
25	-4.56	0.002632035	2.5
30	1.84	0.001062049	2.5
35	3.66	0.002112554	2.5
Max. Deviation (ppm)	<b>5.68</b>	<b>0.003278499</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.77	0.003907648	2.5
4.0	-5.03	0.002903319	2.5
4.2	4.16	0.002401154	2.5
Max. Deviation (ppm)	<b>6.77</b>	<b>0.003907648</b>	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)
0	4.56	0.002632035	2.5
5	-3.92	0.002262626	2.5
10	-1.89	0.001090909	2.5
15	1.33	0.000767677	2.5
20	-2.68	0.001546898	2.5
25	-2.45	0.001414141	2.5
30	3.18	0.001835498	2.5
35	5.87	0.003388167	2.5
Max. Deviation (ppm)	<b>5.87</b>	<b>0.003388167</b>	2.5

**Voltage vs. Frequency Stability**

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.75	0.002164502	2.5
4.0	-1.03	0.000594517	2.5
4.2	2.62	0.001512266	2.5
Max. Deviation (ppm)	3.75	<b>0.002164502</b>	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)
0	4.32	0.002493506	2.5
5	2.14	0.001235209	2.5
10	-6.08	0.00350938	2.5
15	2.33	0.001344877	2.5
20	-5.88	0.003393939	2.5
25	2.09	0.001206349	2.5
30	3.73	0.002152958	2.5
35	4.10	0.002366522	2.5
Max. Deviation (ppm)	<b>6.08</b>	<b>0.00350938</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.51	0.003180375	2.5
4.0	6.38	0.00368254	2.5
4.2	-2.10	0.001212121	2.5
Max. Deviation (ppm)	6.38	<b>0.00368254</b>	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)
0	2.39	0.001379509	2.5
5	5.25	0.003030303	2.5
10	-5.42	0.003128427	2.5
15	2.30	0.001327561	2.5
20	5.08	0.002932179	2.5
25	4.09	0.00236075	2.5
30	4.11	0.002372294	2.5
35	7.77	0.004484848	2.5
Max. Deviation (ppm)	<b>7.77</b>	<b>0.004484848</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.34	0.003082251	2.5
4.0	2.13	0.001229437	2.5
4.2	4.82	0.002782107	2.5
Max. Deviation (ppm)	5.34	<b>0.003082251</b>	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)
0	3.20	0.001262327	2.5
5	-6.24	0.002461538	2.5
10	1.98	0.000781065	2.5
15	-3.99	0.001573964	2.5
20	1.07	0.000422091	2.5
25	5.16	0.002035503	2.5
30	2.34	0.000923077	2.5
35	-1.99	0.00078501	2.5
Max. Deviation (ppm)	<b>6.24</b>	<b>0.002461538</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.64	0.002619329	2.5
4.0	6.27	0.002473373	2.5
4.2	3.57	0.001408284	2.5
Max. Deviation (ppm)	<b>6.64</b>	<b>0.002619329</b>	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)
0	3.22	0.001270217	2.5
5	6.14	0.002422091	2.5
10	-6.97	0.002749507	2.5
15	3.28	0.001293886	2.5
20	3.74	0.001475345	2.5
25	-4.61	0.00181854	2.5
30	5.14	0.002027613	2.5
35	3.24	0.001278107	2.5
Max. Deviation (ppm)	<b>6.14</b>	<b>0.002749507</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.19	0.001258383	2.5
4.0	5.21	0.002055227	2.5
4.2	-3.69	0.001455621	2.5
Max. Deviation (ppm)	<b>5.21</b>	<b>0.002055227</b>	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)
0	3.14	0.001238659	2.5
5	-5.21	0.002055227	2.5
10	-6.28	0.002477318	2.5
15	-3.08	0.00121499	2.5
20	2.27	0.000895464	2.5
25	1.66	0.000654832	2.5
30	5.14	0.002027613	2.5
35	2.68	0.001057199	2.5
Max. Deviation (ppm)	<b>6.28</b>	<b>0.002477318</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.12	0.000836292	2.5
4.0	1.87	0.000737673	2.5
4.2	-2.94	0.001159763	2.5
Max. Deviation (ppm)	<b>2.94</b>	<b>0.001159763</b>	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)
0	3.75	0.00147929	2.5
5	1.28	0.000504931	2.5
10	-6.29	0.002481262	2.5
15	1.82	0.000717949	2.5
20	4.37	0.001723866	2.5
25	5.24	0.002067061	2.5
30	-1.18	0.000465483	2.5
35	5.02	0.001980276	2.5
Max. Deviation (ppm)	<b>6.29</b>	<b>0.002481262</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	1.33	0.000524655	2.5
4.0	5.14	0.002027613	2.5
4.2	3.62	0.001428008	2.5
Max. Deviation (ppm)	<b>5.14</b>	<b>0.002027613</b>	2.5