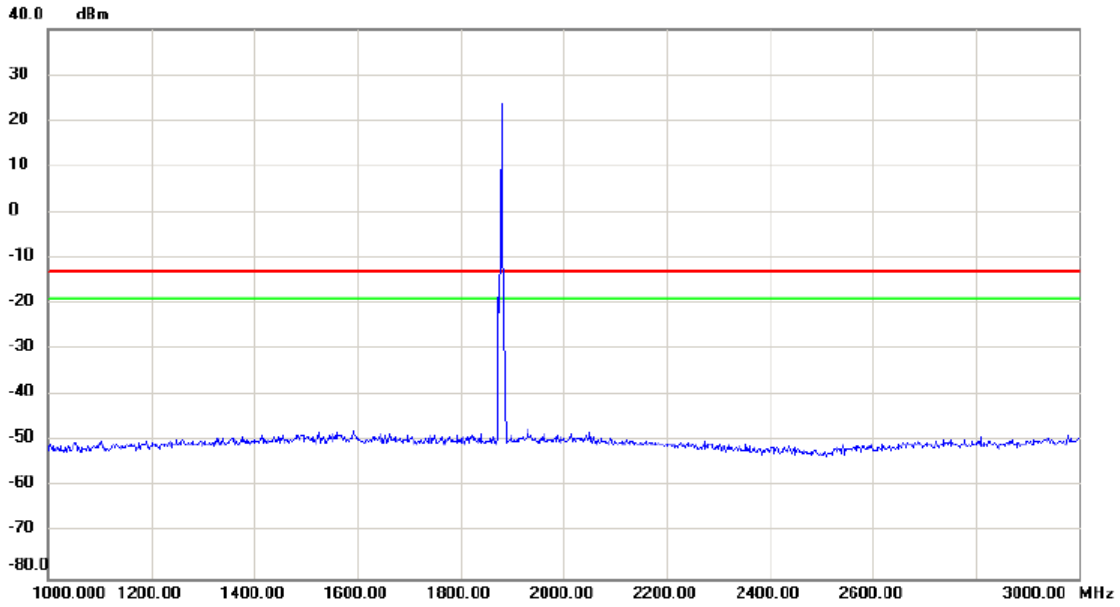


Test Mode: DCS1900\_TX CH661\_EDGE

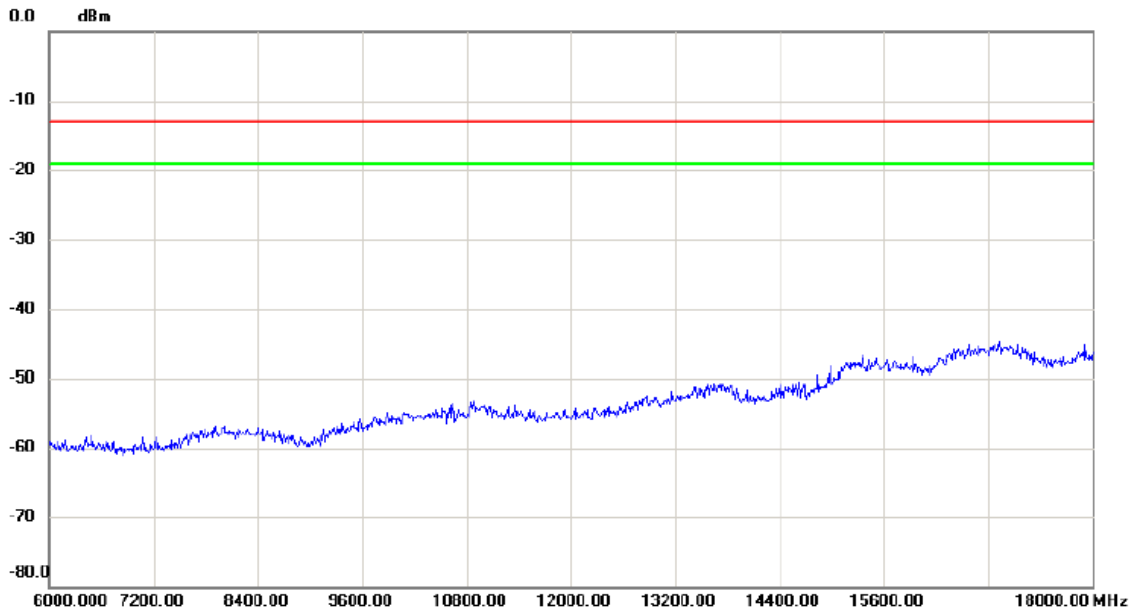
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		1900.00	25.00	0.00	25.00	-15.00	40.00		

Test Mode: DCS1900\_TX CH661\_EDGE

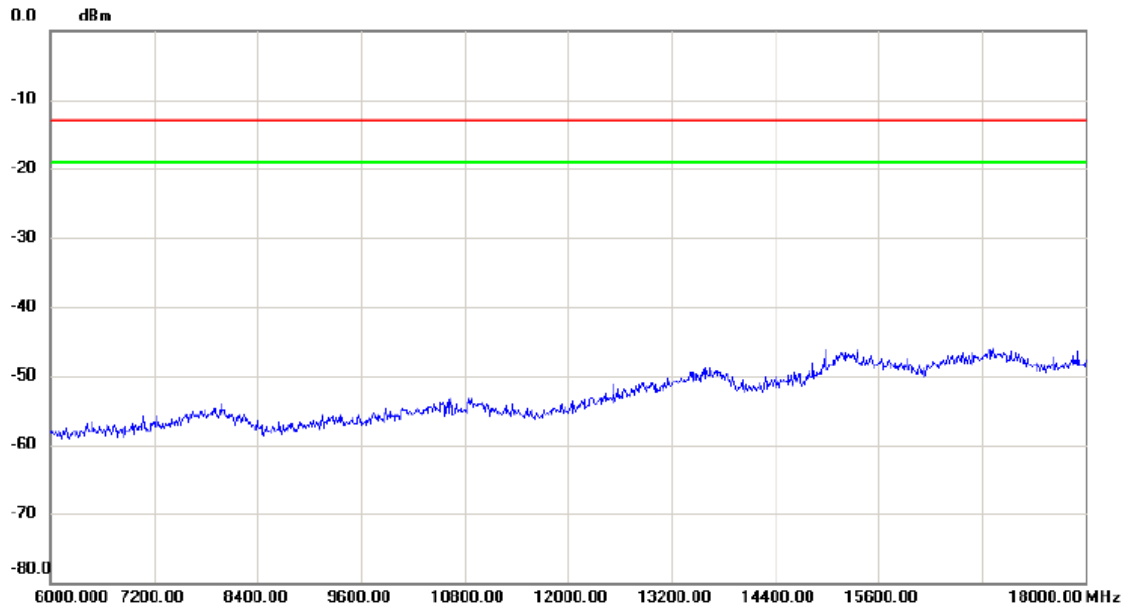
Vertical



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

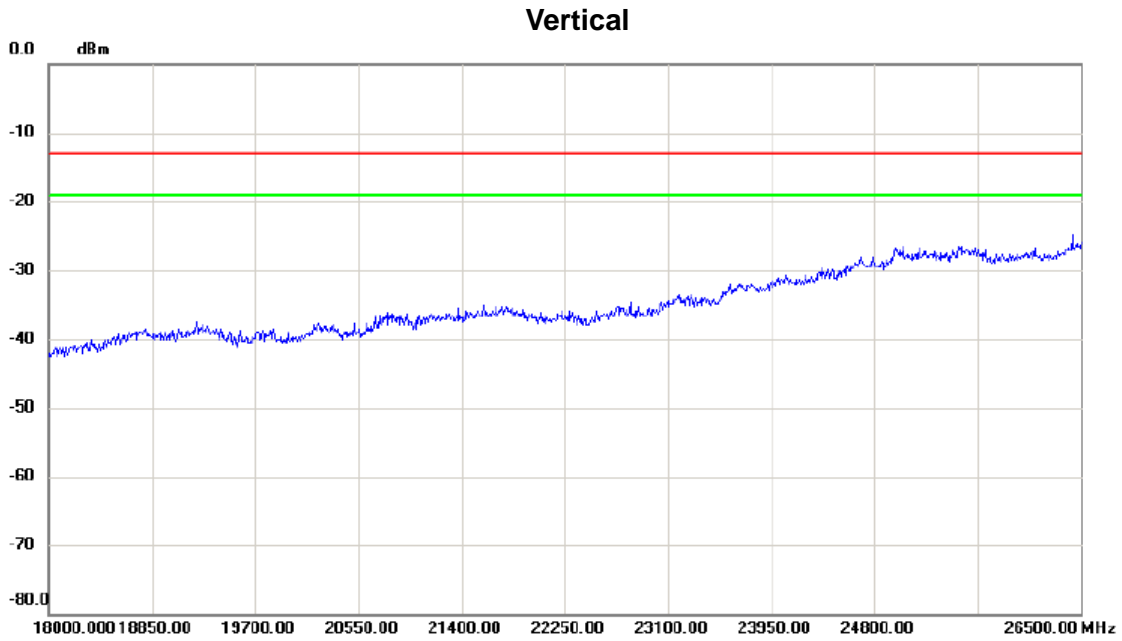
Test Mode: DCS1900\_TX CH661\_EDGE

**Horizontal**



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

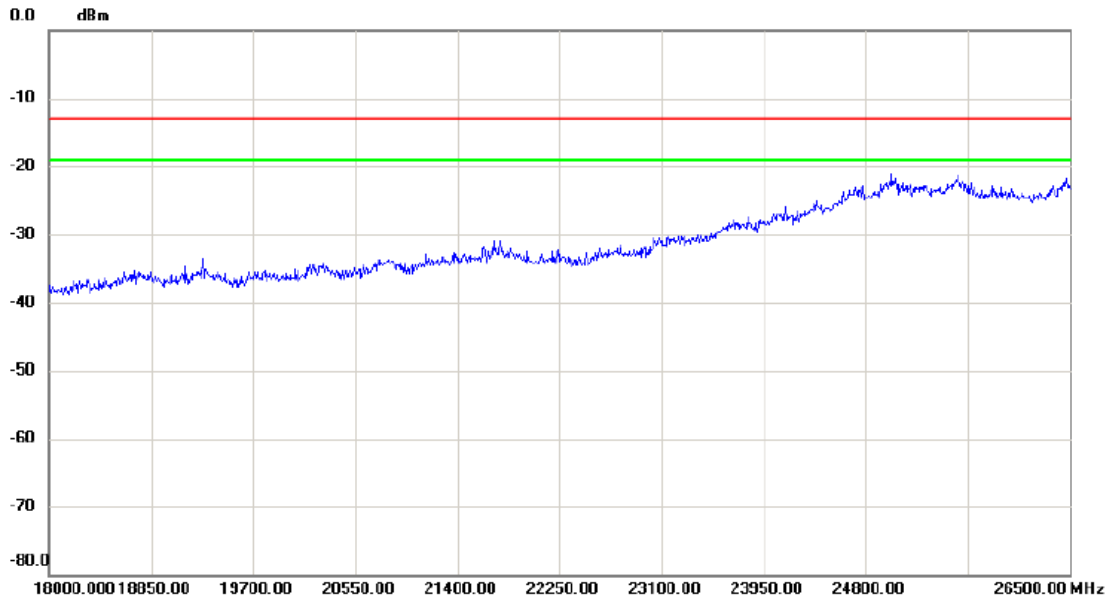
Test Mode: DCS1900\_TX CH661\_EDGE



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

Test Mode: DCS1900\_TX CH661\_EDGE

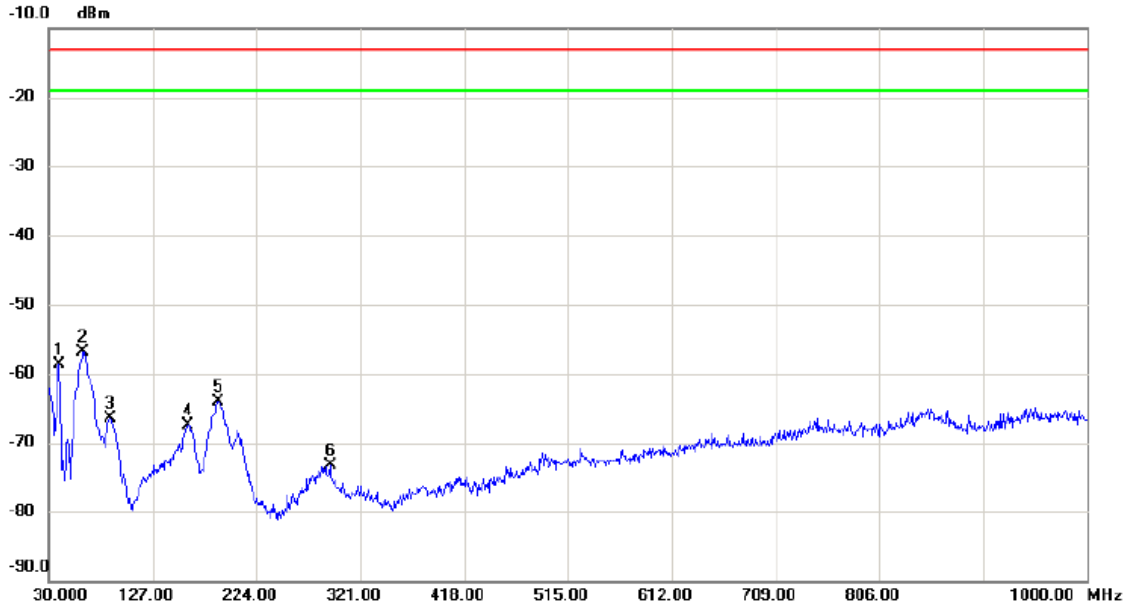
Horizontal



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

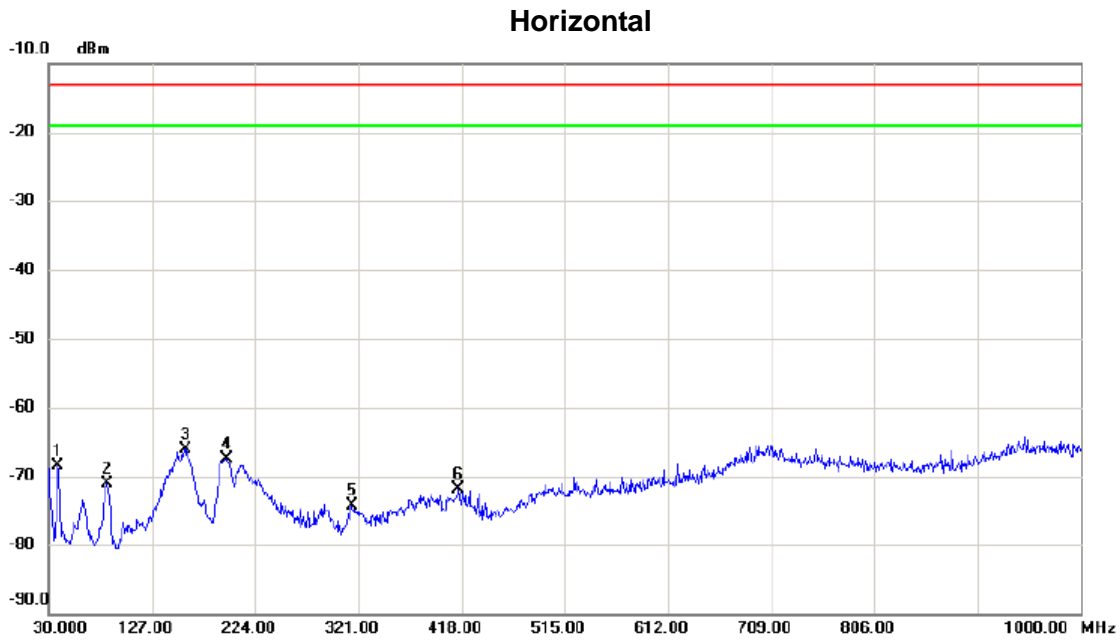
Test Mode: WCDMA Band 2\_TX CH9400

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		39.700	-60.69	1.90	-58.79	-13.00	-45.79	peak	
2	*	62.010	-57.61	0.73	-56.88	-13.00	-43.88	peak	
3		87.230	-60.99	-5.46	-66.45	-13.00	-53.45	peak	
4		159.980	-70.58	3.18	-67.40	-13.00	-54.40	peak	
5		188.110	-62.74	-1.31	-64.05	-13.00	-51.05	peak	
6		292.870	-75.19	1.86	-73.33	-13.00	-60.33	peak	

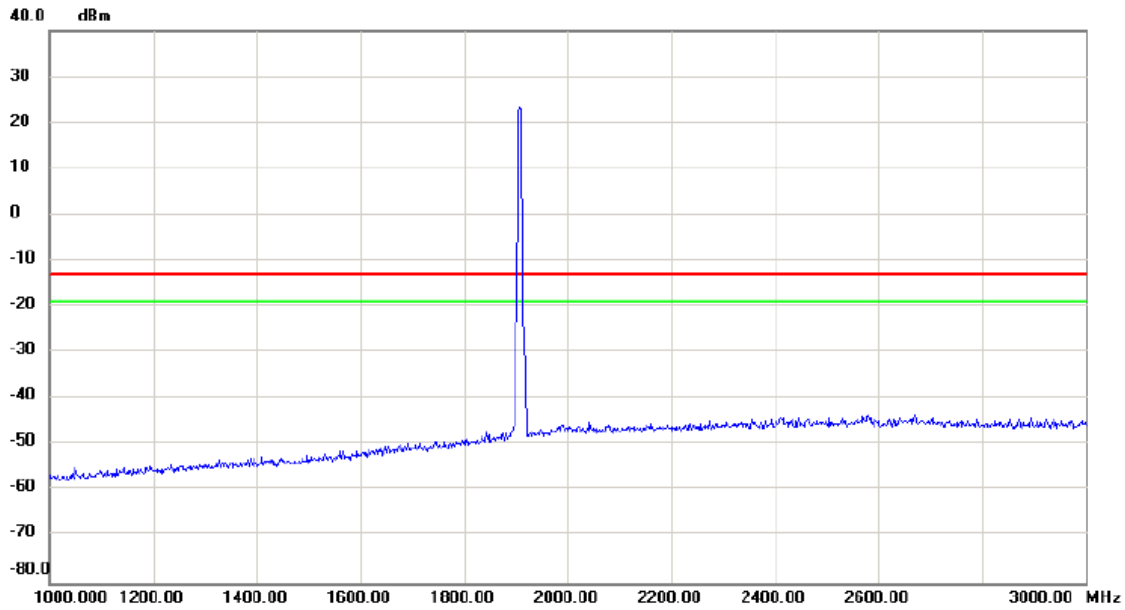
Test Mode: WCDMA Band 2\_TX CH9400



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-70.08	1.63	-68.45	-13.00	-55.45	peak	
2		85.290	-63.17	-7.88	-71.05	-13.00	-58.05	peak	
3	*	159.010	-68.90	2.90	-66.00	-13.00	-53.00	peak	
4		196.840	-65.74	-1.81	-67.55	-13.00	-54.55	peak	
5		315.180	-76.20	1.86	-74.34	-13.00	-61.34	peak	
6		415.090	-78.62	6.63	-71.99	-13.00	-58.99	peak	

Test Mode: WCDMA Band 2\_TX CH9400

**Vertical**

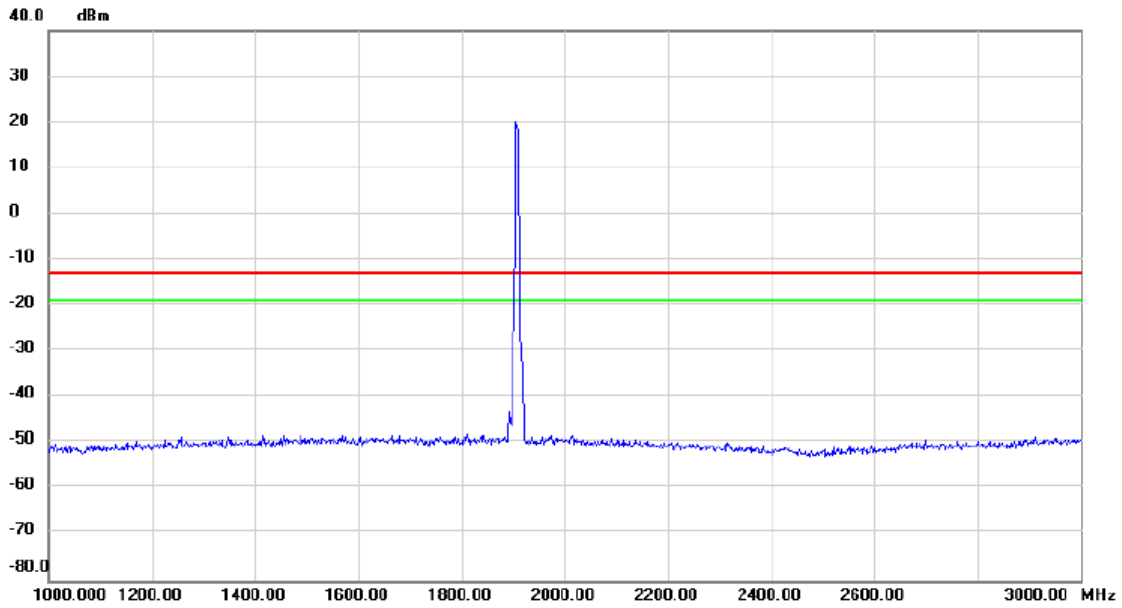


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment



Test Mode: WCDMA Band 2\_TX CH9400

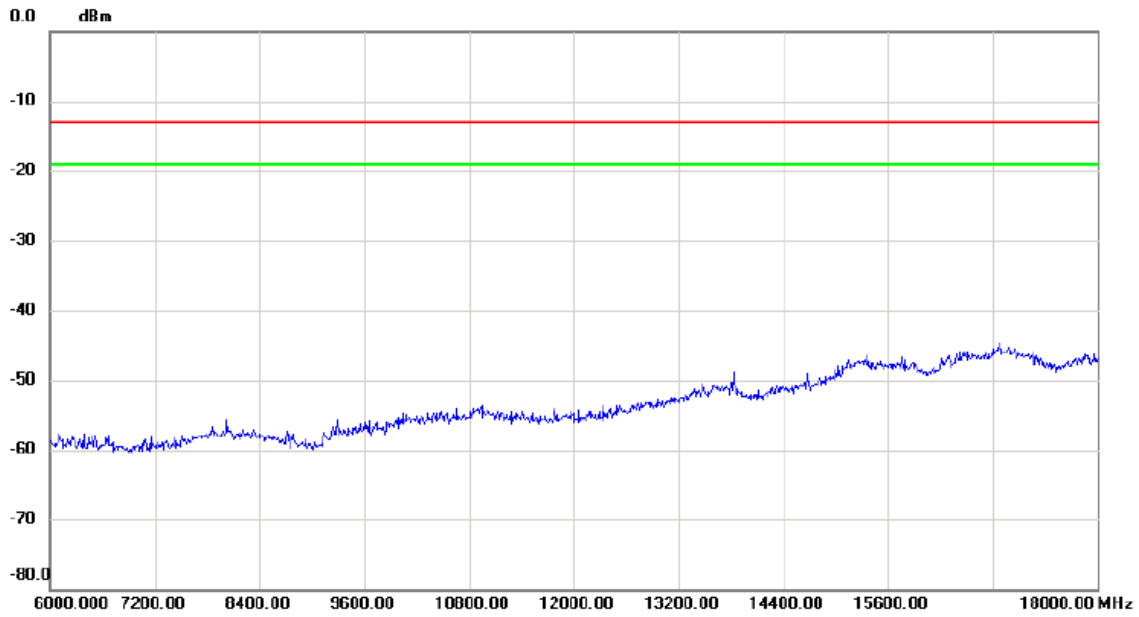
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
		1930.00	20.00	0.00	20.00	-15.00	5.00		

Test Mode: WCDMA Band 2\_TX CH9400

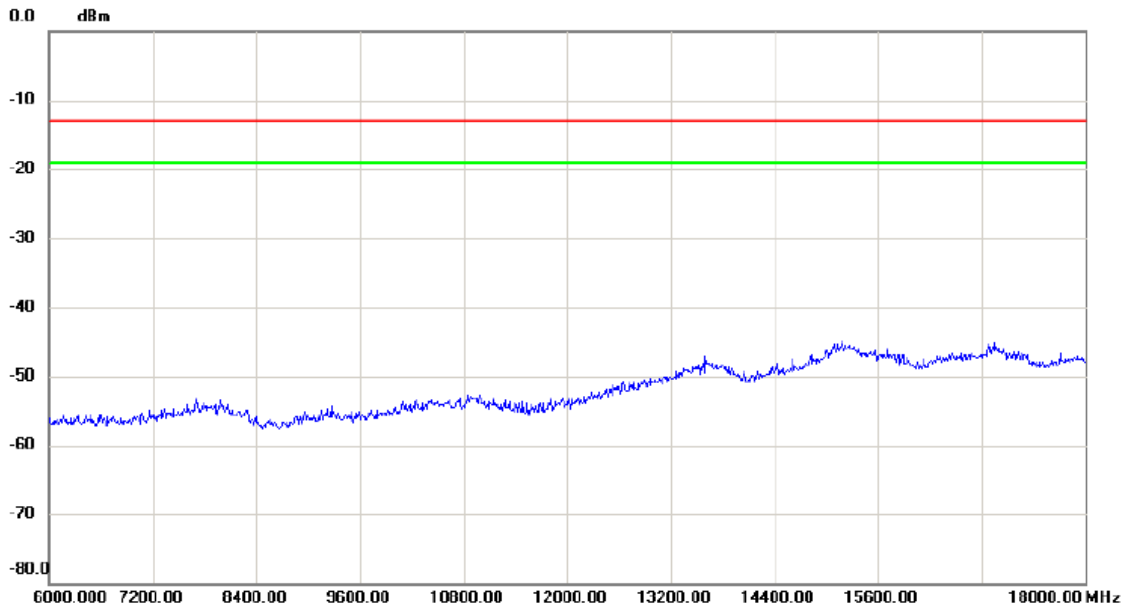
Vertical



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

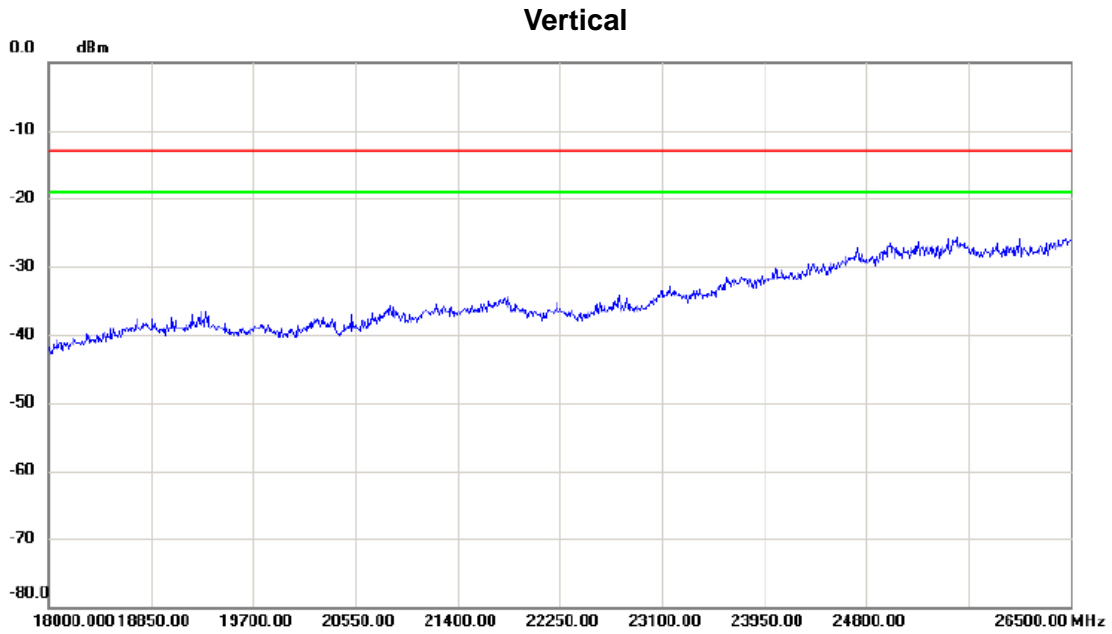
Test Mode: WCDMA Band 2\_TX CH9400

Horizontal



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

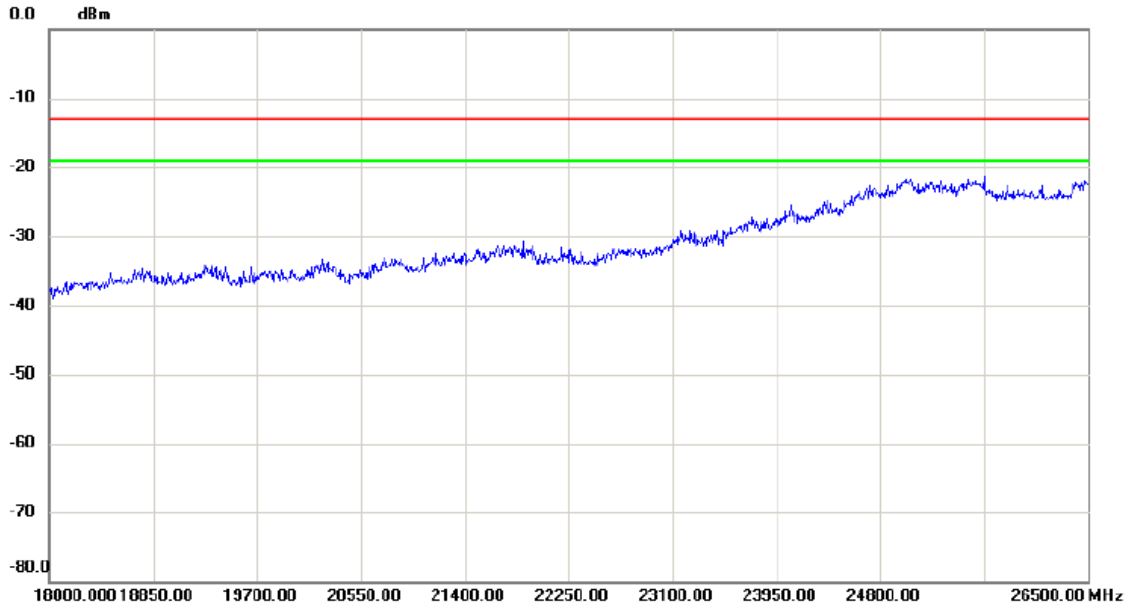
Test Mode: WCDMA Band 2\_TX CH9400



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		18000.00	-42		-42	-12	-30		
		18950.00	-40		-40	-12	-28		
		19700.00	-40		-40	-12	-28		
		20550.00	-38		-38	-12	-26		
		21400.00	-38		-38	-12	-26		
		22250.00	-38		-38	-12	-26		
		23100.00	-35		-35	-12	-23		
		23950.00	-32		-32	-12	-20		
		24800.00	-28		-28	-12	-16		
		26500.00	-26		-26	-12	-14		

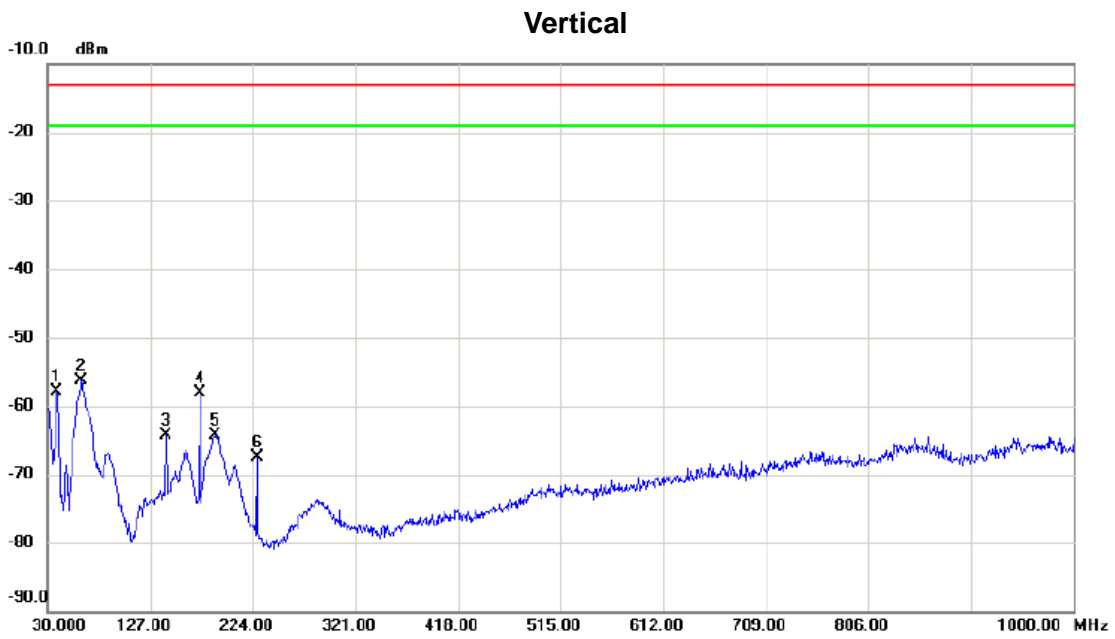
Test Mode: WCDMA Band 2\_TX CH9400

Horizontal



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

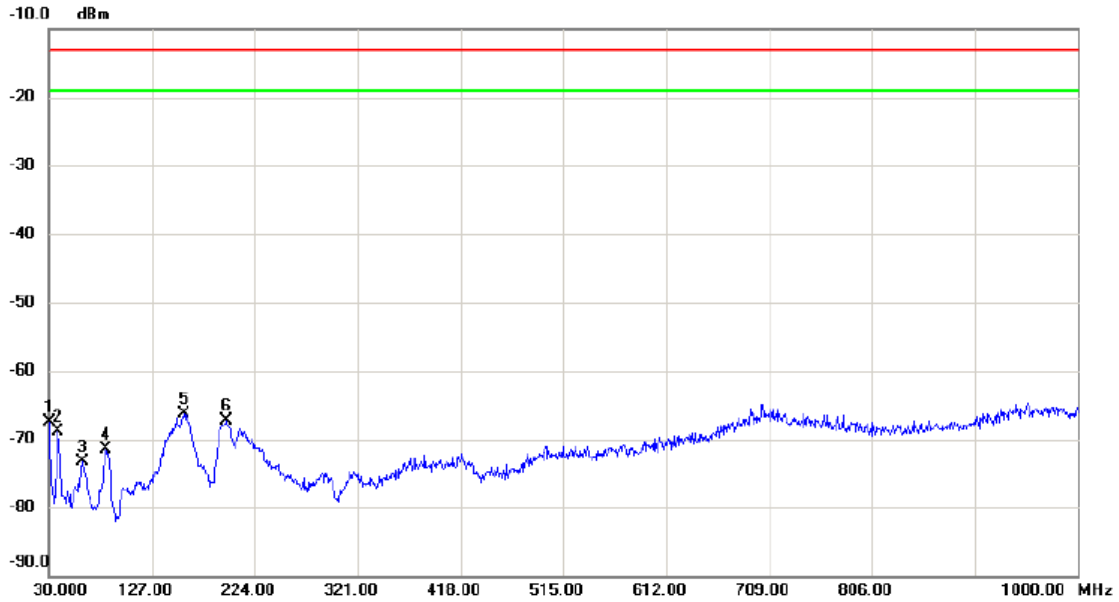
Test Mode: WCDMA Band 2\_HSDPA\_TX CH9400



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-59.16	1.21	-57.95	-13.00	-44.95	peak	
2	*	62.010	-57.10	0.73	-56.37	-13.00	-43.37	peak	
3		141.550	-66.67	2.31	-64.36	-13.00	-51.36	peak	
4		173.560	-58.23	0.20	-58.03	-13.00	-45.03	peak	
5		188.110	-62.90	-1.31	-64.21	-13.00	-51.21	peak	
6		227.880	-67.58	0.08	-67.50	-13.00	-54.50	peak	

Test Mode: WCDMA Band 2\_HSDPA\_TX CH9400

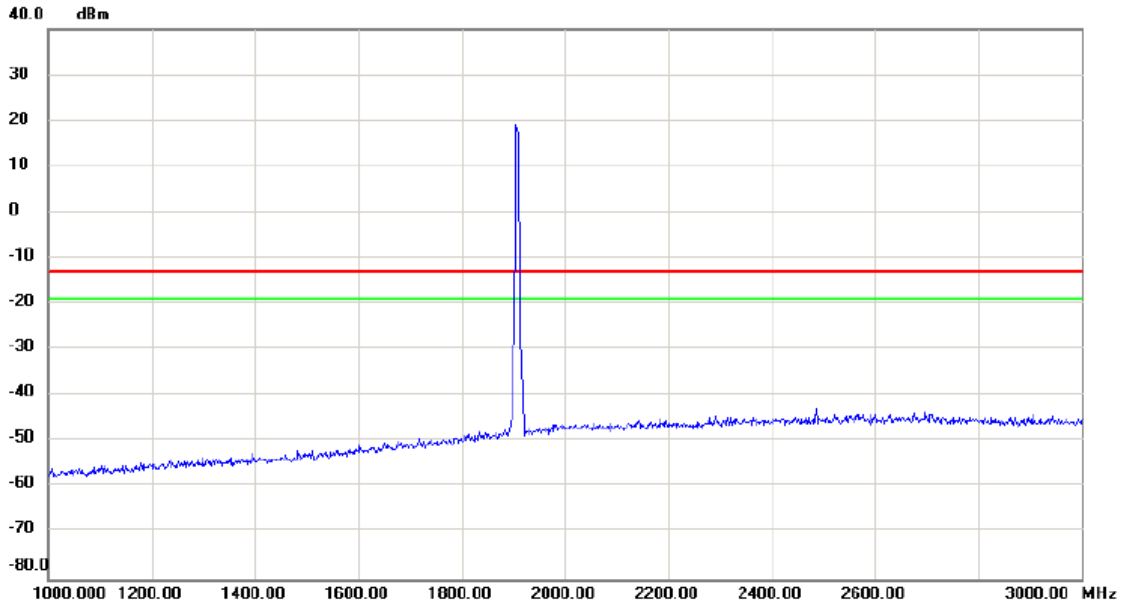
### Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	30.000	-69.30	1.88	-67.42	-13.00	-54.42	peak	
2	38.730	-70.56	1.63	-68.93	-13.00	-55.93	peak	
3	62.010	-72.28	-0.97	-73.25	-13.00	-60.25	peak	
4	83.350	-63.64	-7.76	-71.40	-13.00	-58.40	peak	
5 *	157.070	-69.54	3.19	-66.35	-13.00	-53.35	peak	
6	197.810	-65.38	-1.84	-67.22	-13.00	-54.22	peak	

Test Mode: WCDMA Band 2\_HSDPA\_TX CH9400

Vertical

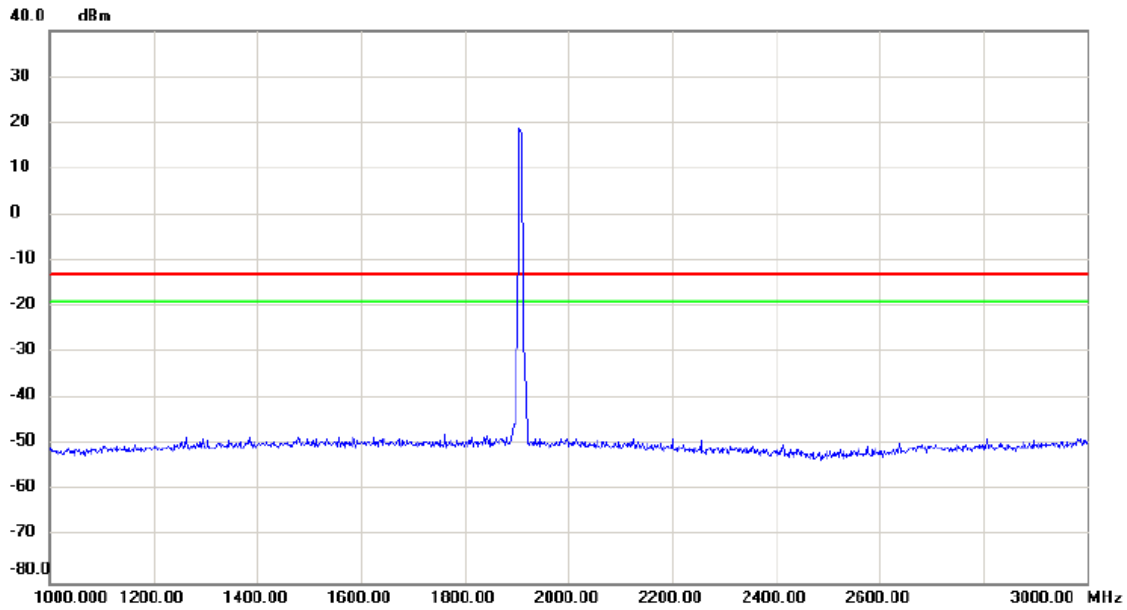


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
		1920.00	18.00	0.00	18.00	-12.00	30.00		



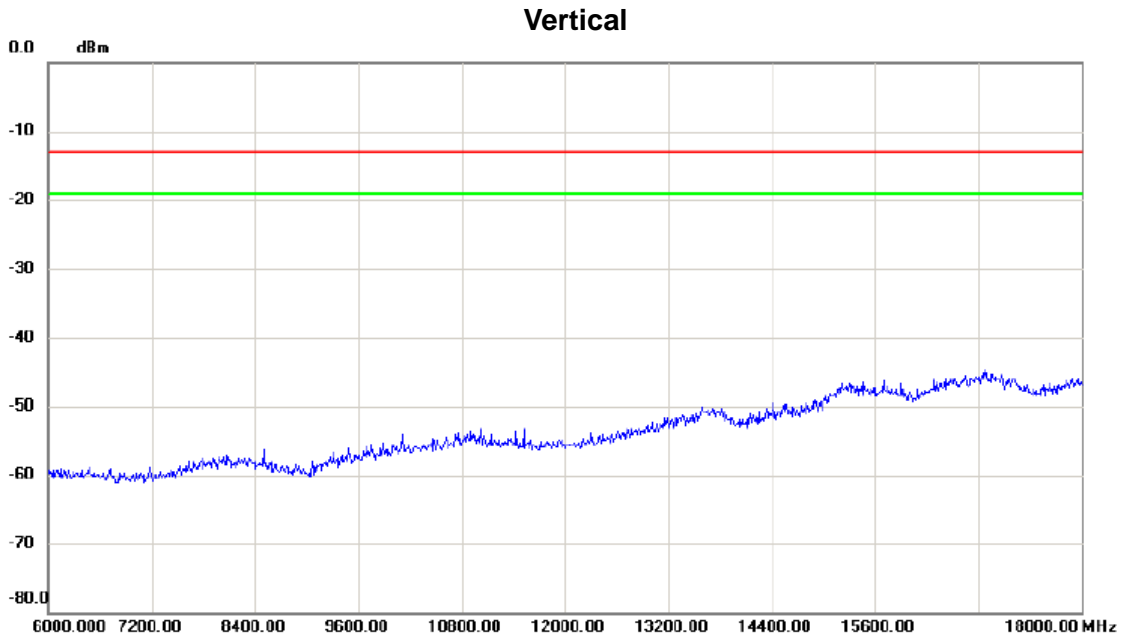
Test Mode: WCDMA Band 2\_HSDPA\_TX CH9400

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
		1920.00	18.00	0.00	18.00	-10.00	28.00		

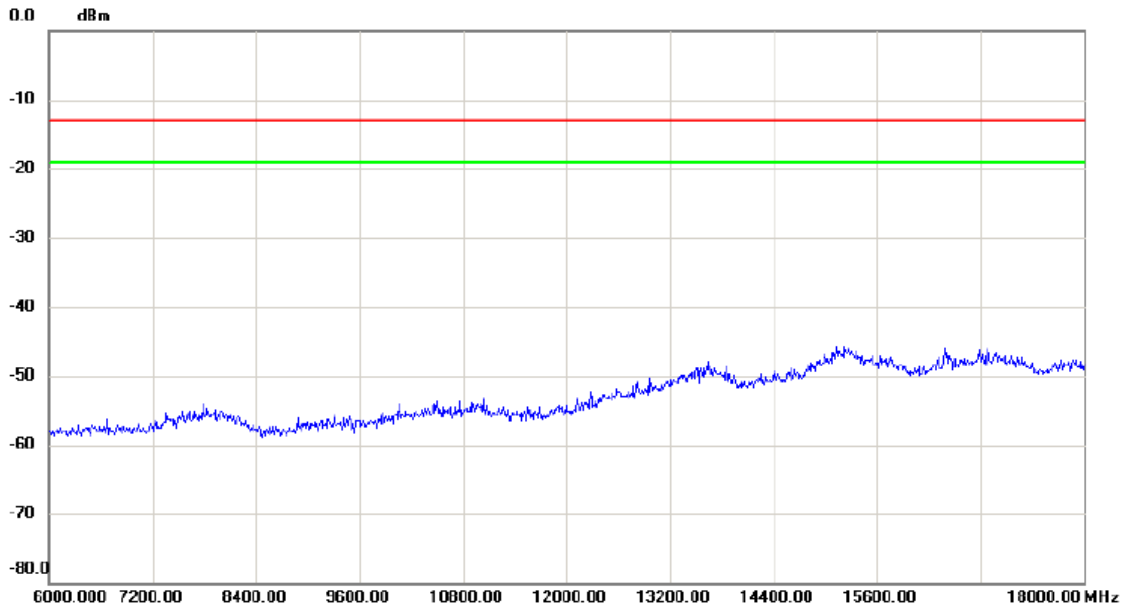
Test Mode: WCDMA Band 2\_HSDPA\_TX CH9400



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

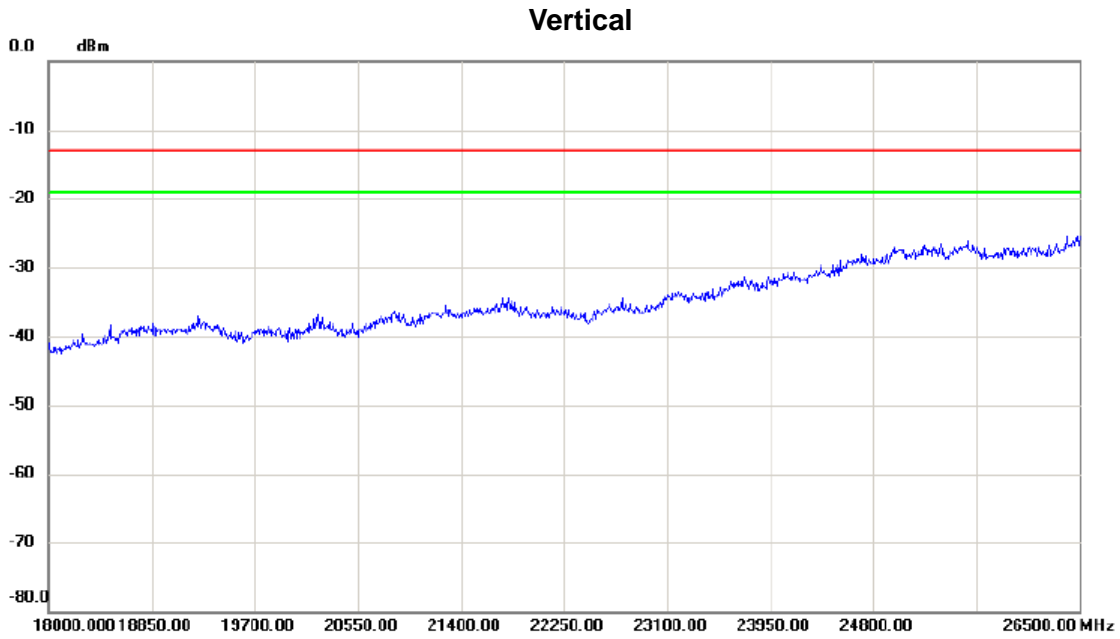
Test Mode: WCDMA Band 2\_HSDPA\_TX CH9400

Horizontal



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

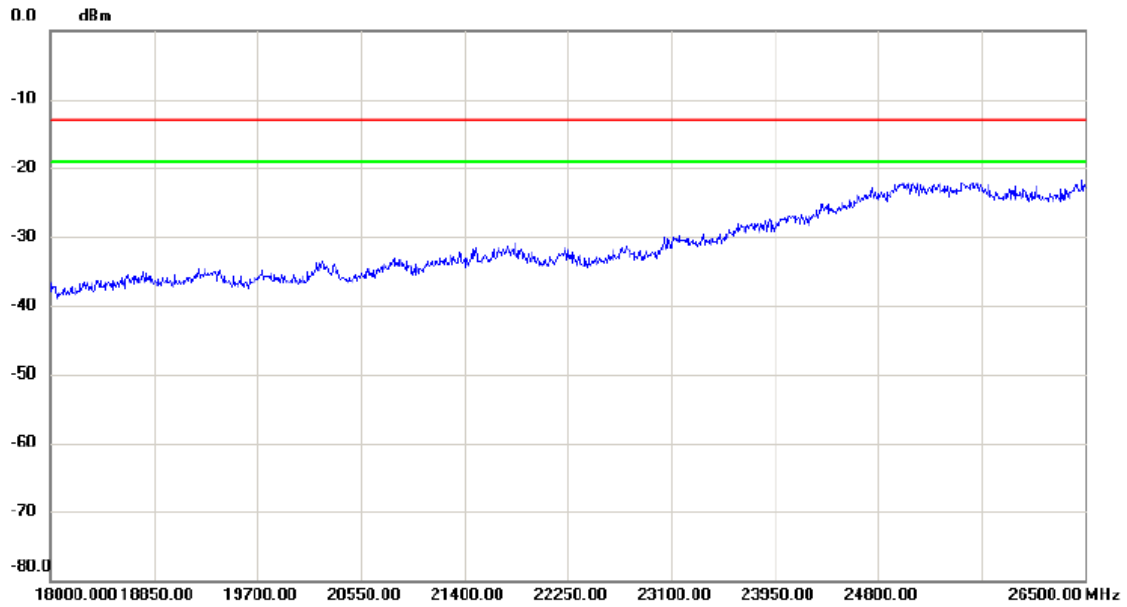
Test Mode: WCDMA Band 2\_HSDPA\_TX CH9400



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

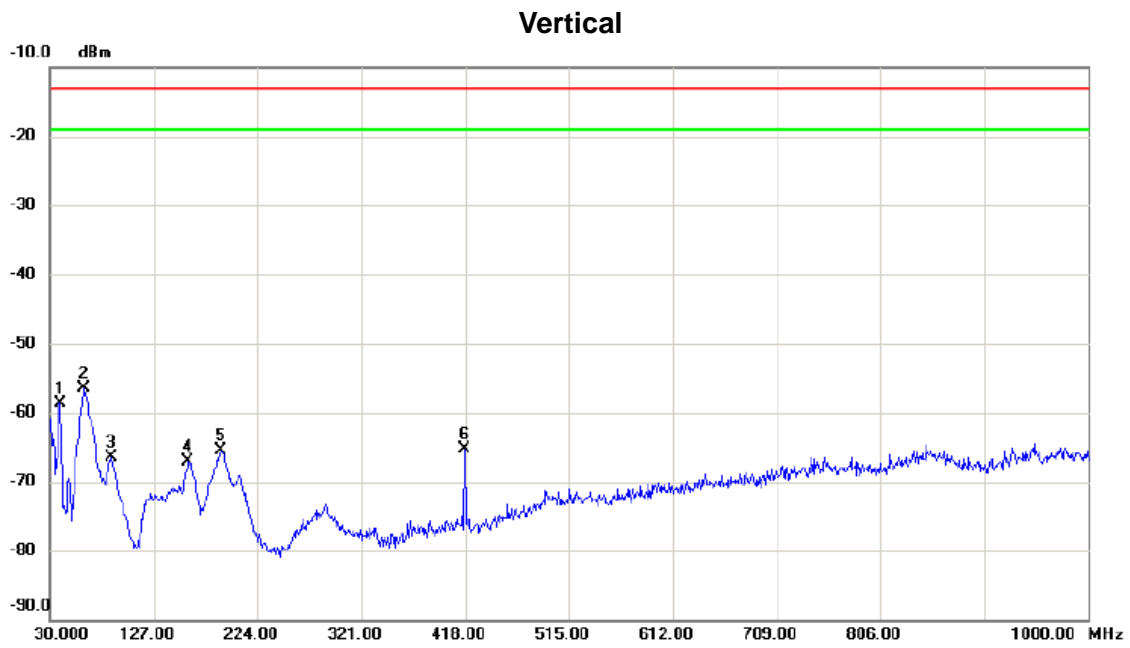
Test Mode: WCDMA Band 2\_HSDPA\_TX CH9400

Horizontal



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

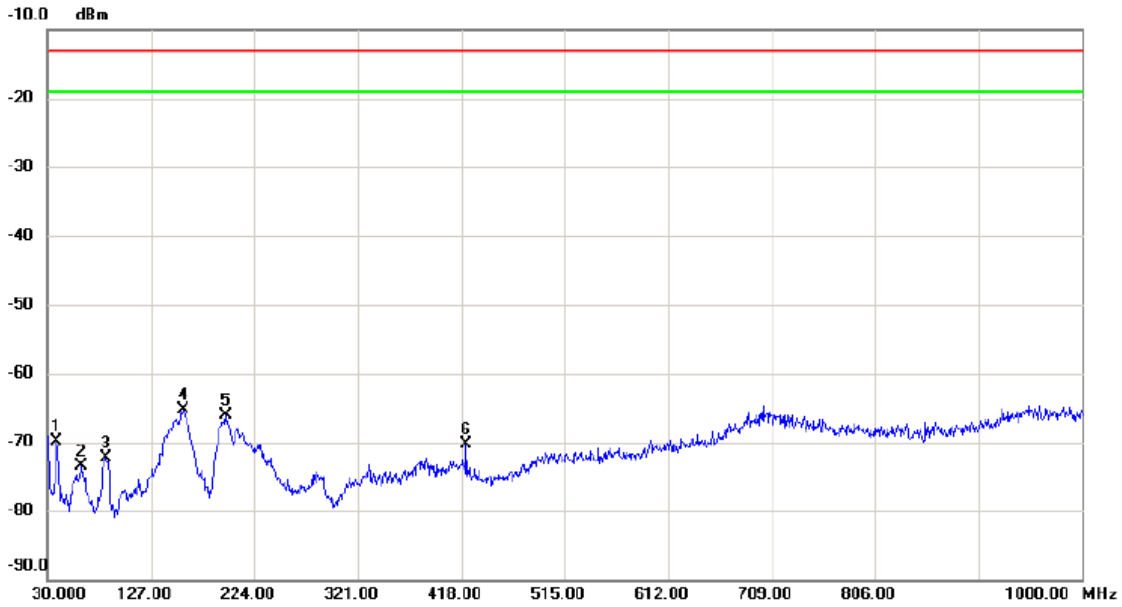
Test Mode: WCDMA Band 2\_HSUPA\_TX CH9400



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		39.700	-60.61	1.90	-58.71	-13.00	-45.71	peak	
2	*	61.040	-57.04	0.60	-56.44	-13.00	-43.44	peak	
3		87.230	-61.13	-5.46	-66.59	-13.00	-53.59	peak	
4		159.010	-70.19	3.18	-67.01	-13.00	-54.01	peak	
5		189.080	-63.96	-1.56	-65.52	-13.00	-52.52	peak	
6		417.030	-69.77	4.57	-65.20	-13.00	-52.20	peak	

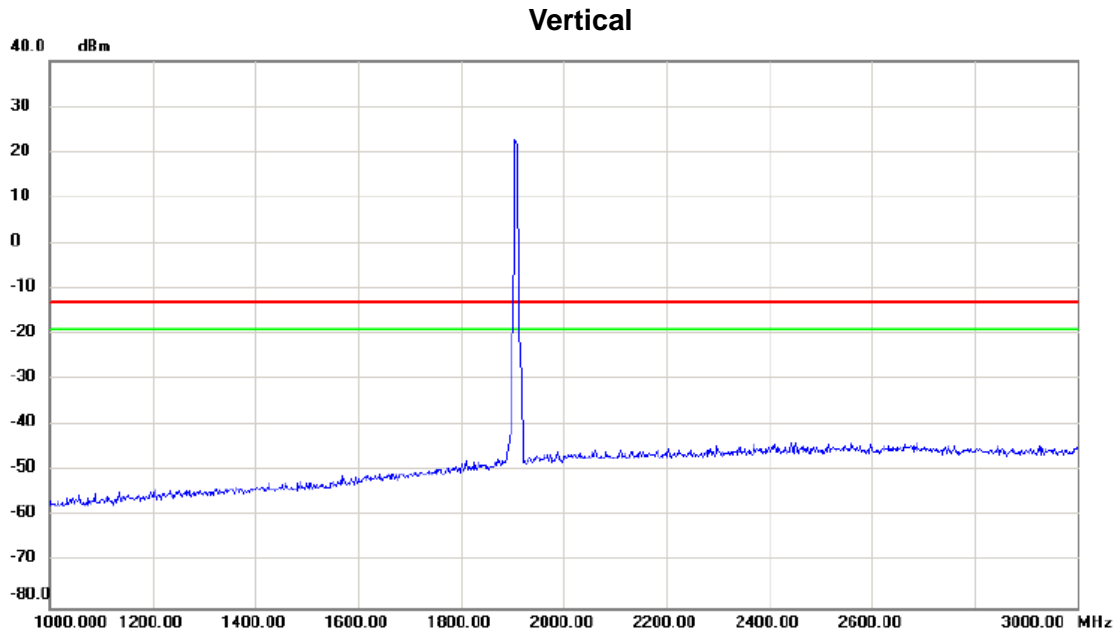
Test Mode: WCDMA Band 2\_HSUPA\_TX CH9400

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-71.57	1.63	-69.94	-13.00	-56.94	peak	
2		62.010	-72.56	-0.97	-73.53	-13.00	-60.53	peak	
3		84.320	-64.33	-7.87	-72.20	-13.00	-59.20	peak	
4	*	157.070	-68.52	3.19	-65.33	-13.00	-52.33	peak	
5		196.840	-64.23	-1.81	-66.04	-13.00	-53.04	peak	
6		422.850	-76.84	6.56	-70.28	-13.00	-57.28	peak	

Test Mode: WCDMA Band 2\_HSUPA\_TX CH9400

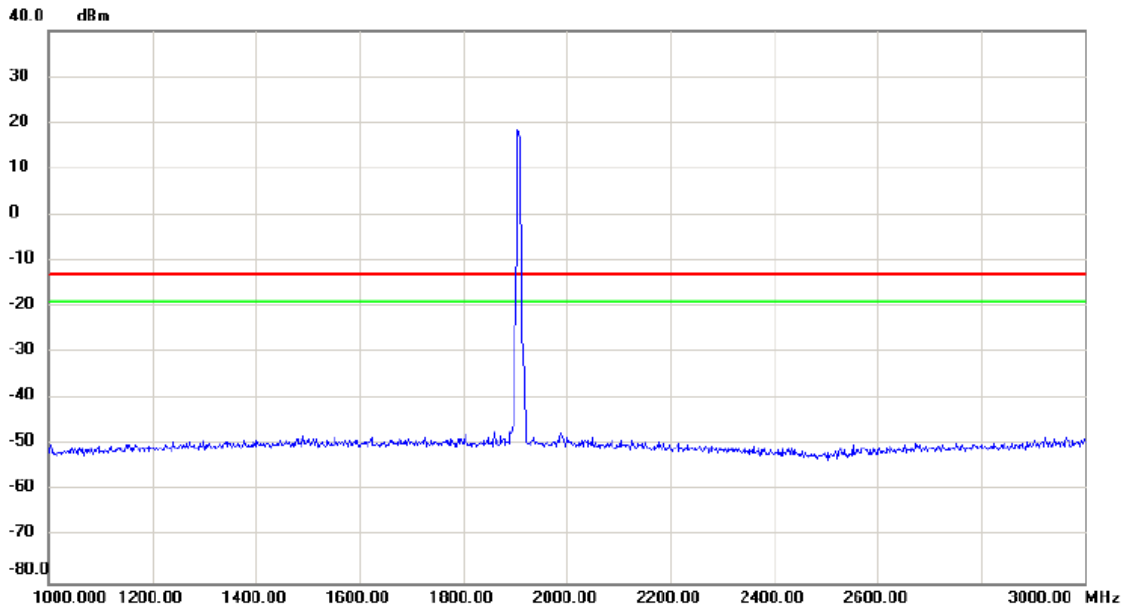


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		



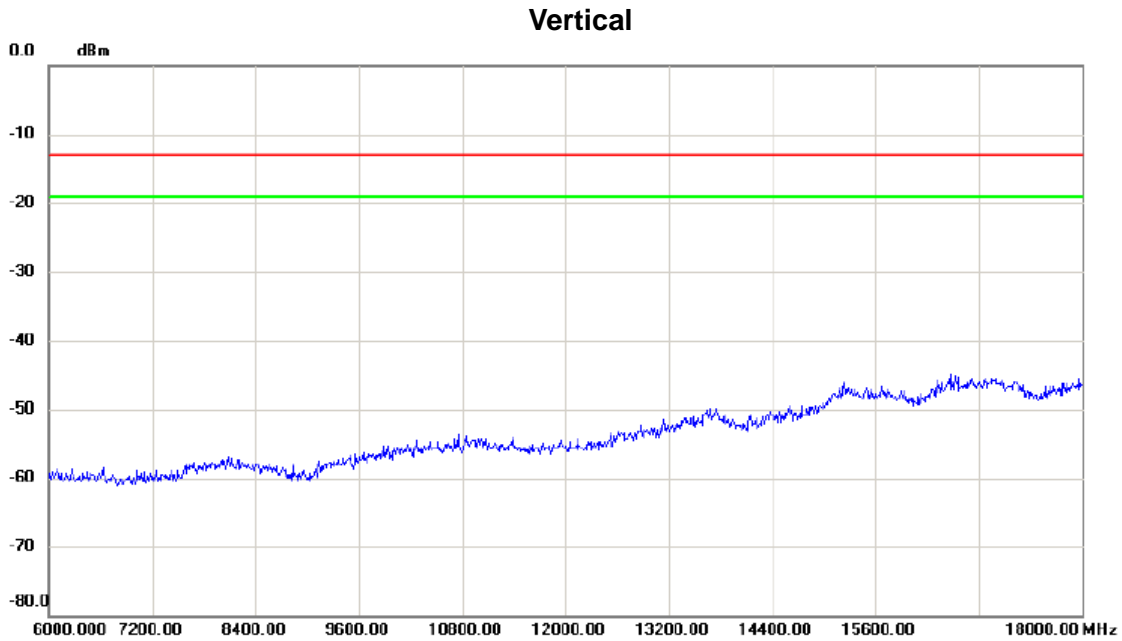
Test Mode: WCDMA Band 2\_HSUPA\_TX CH9400

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
		1920.00	18.00	0.00	18.00	-15.00	33.00		

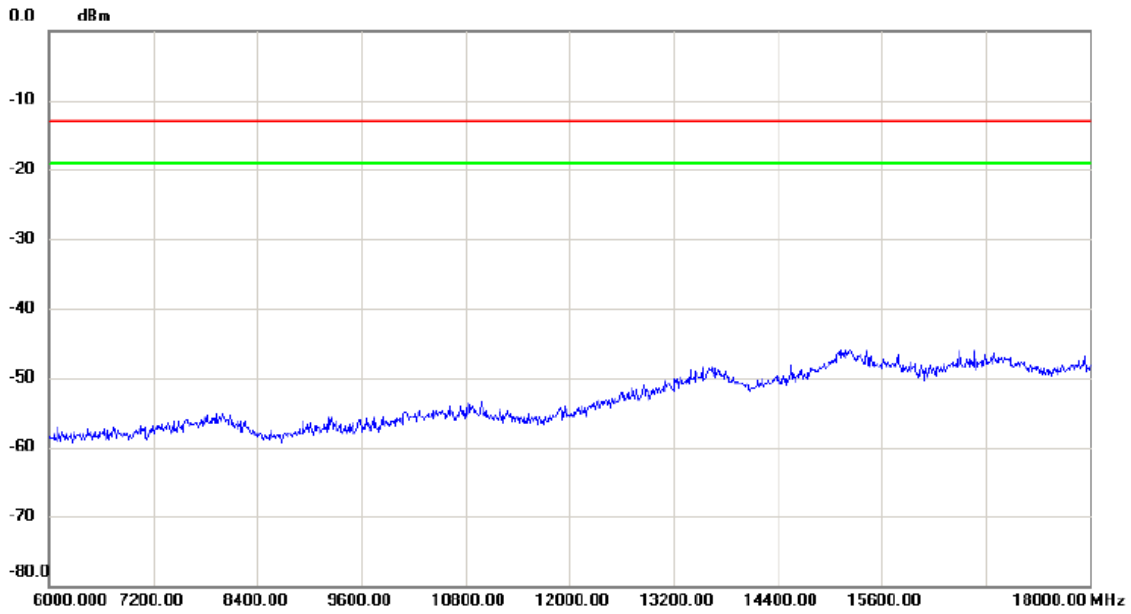
Test Mode: WCDMA Band 2\_HSUPA\_TX CH9400



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

Test Mode: WCDMA Band 2\_HSUPA\_TX CH9400

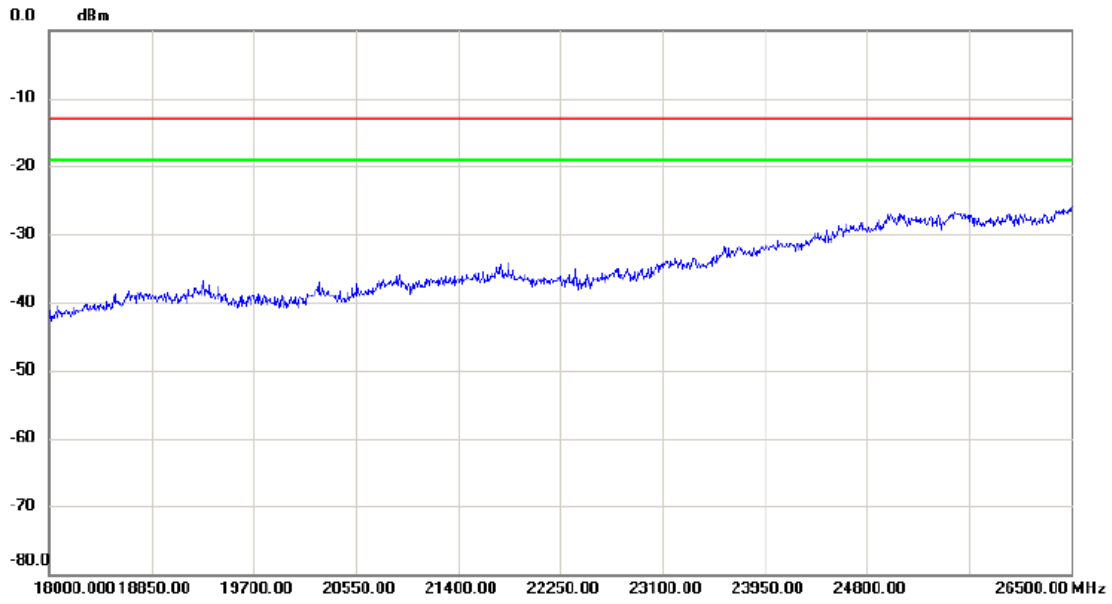
Horizontal



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

Test Mode: WCDMA Band 2\_HSUPA\_TX CH9400

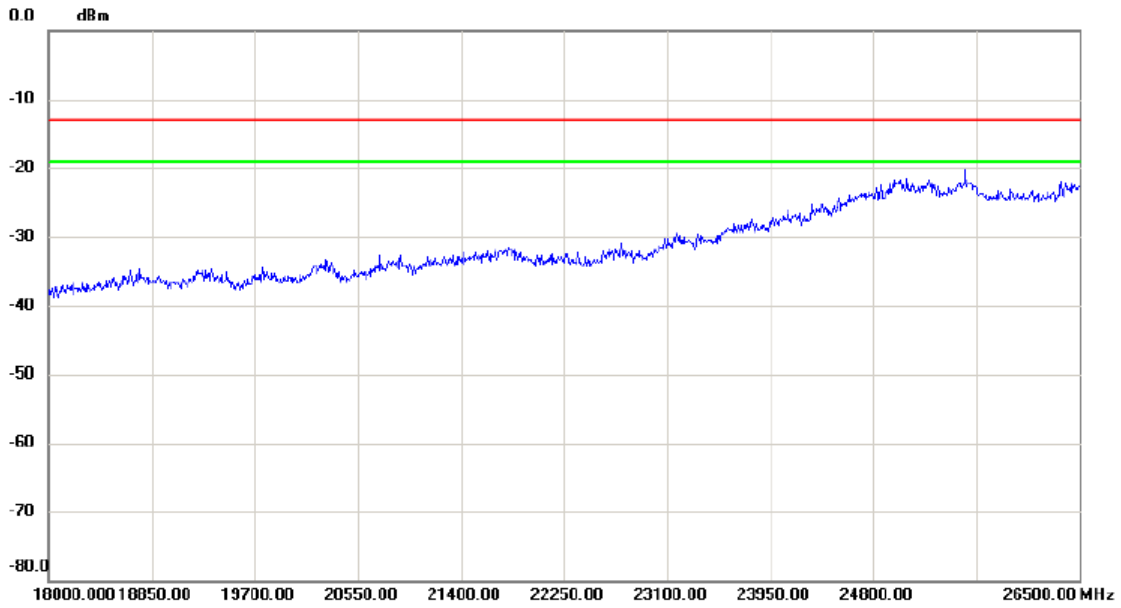
Vertical



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

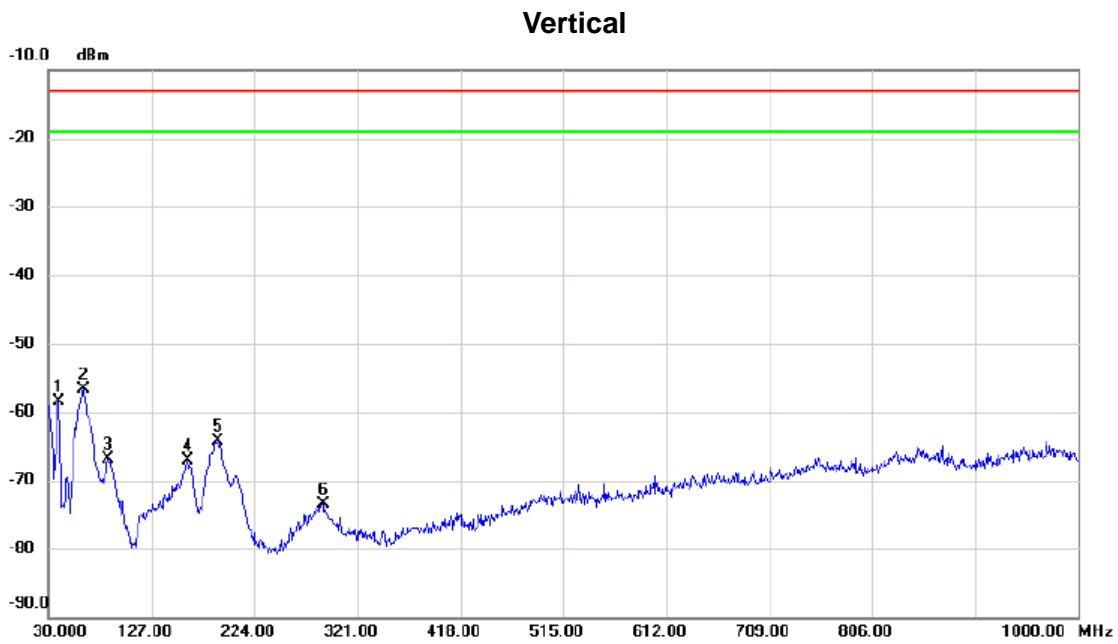
Test Mode: WCDMA Band 2\_HSUPA\_TX CH9400

Horizontal



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

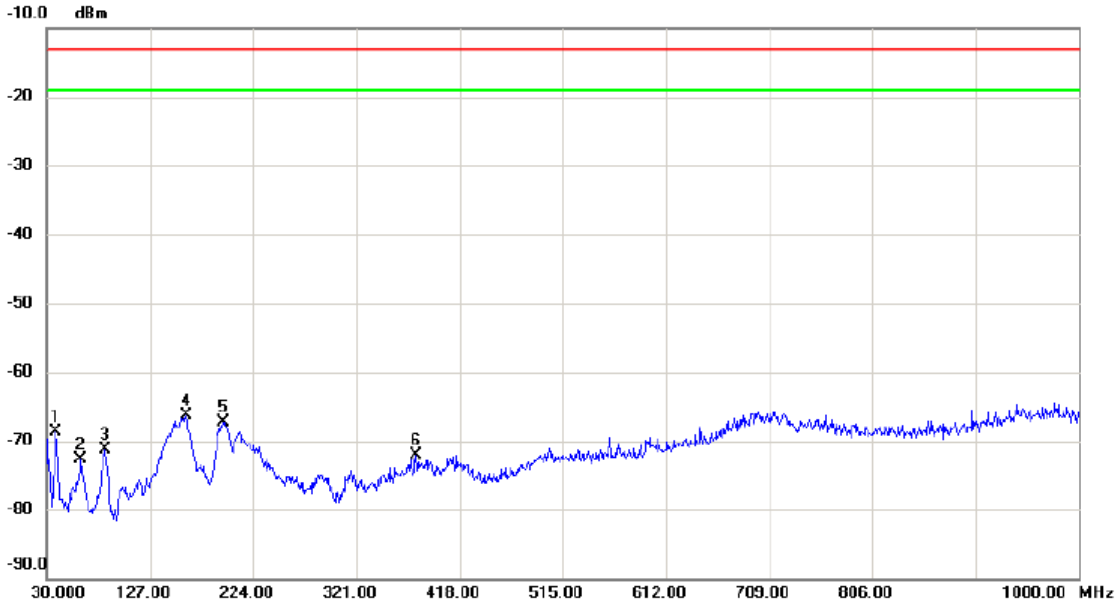
Test Mode: LTE Band 2\_TX CH18900\_1.4M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		39.700	-60.47	1.90	-58.57	-13.00	-45.57	peak	
2	*	62.980	-57.56	0.85	-56.71	-13.00	-43.71	peak	
3		86.260	-61.03	-5.91	-66.94	-13.00	-53.94	peak	
4		160.950	-69.91	2.87	-67.04	-13.00	-54.04	peak	
5		189.080	-62.73	-1.56	-64.29	-13.00	-51.29	peak	
6		288.990	-75.74	2.26	-73.48	-13.00	-60.48	peak	

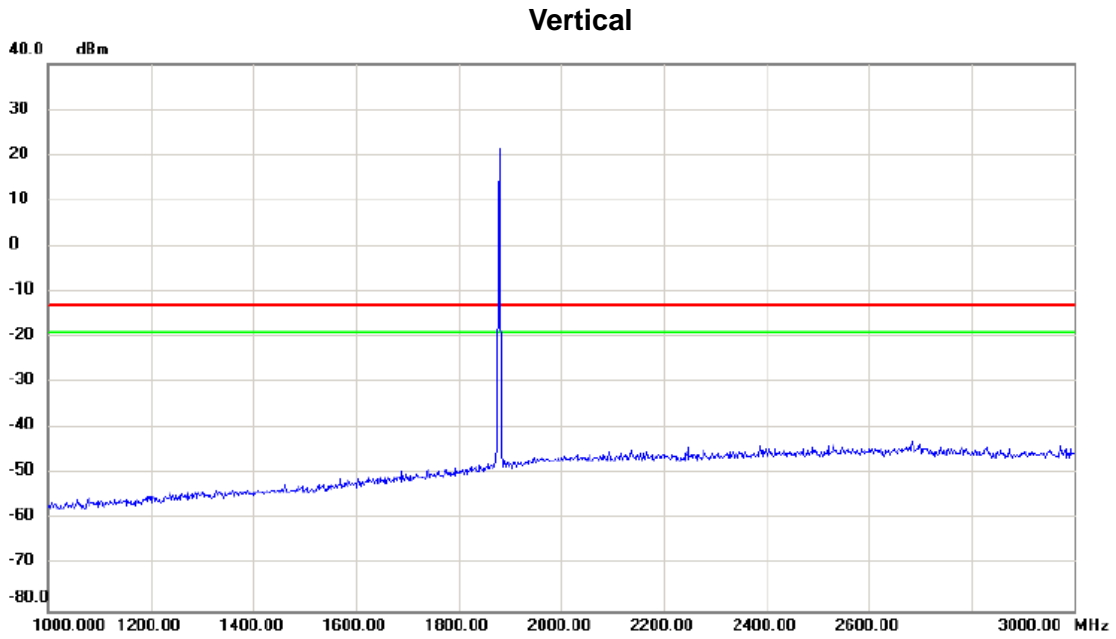
Test Mode: LTE Band 2\_TX CH18900\_1.4M

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		37.760	-69.97	1.28	-68.69	-13.00	-55.69	peak	
2		62.010	-71.73	-0.97	-72.70	-13.00	-59.70	peak	
3		85.290	-63.36	-7.88	-71.24	-13.00	-58.24	peak	
4	*	160.950	-68.56	2.35	-66.21	-13.00	-53.21	peak	
5		195.870	-65.47	-1.77	-67.24	-13.00	-54.24	peak	
6		377.260	-77.90	5.77	-72.13	-13.00	-59.13	peak	

Test Mode: LTE Band 2\_TX CH18900\_1.4M

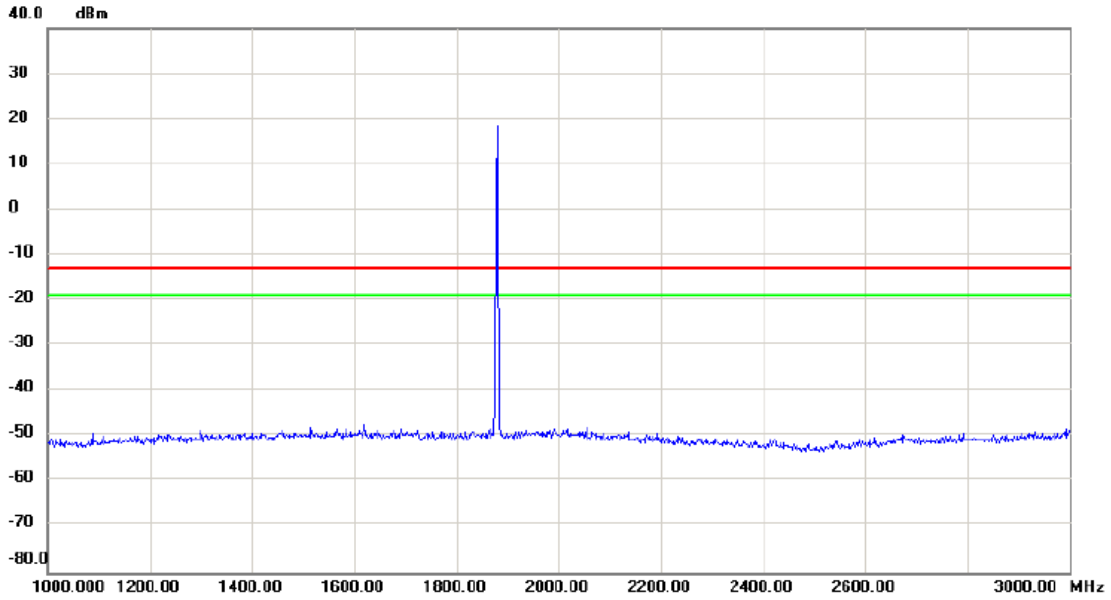


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
		1890.00	20.00	0.00	20.00	-12.00	32.00		



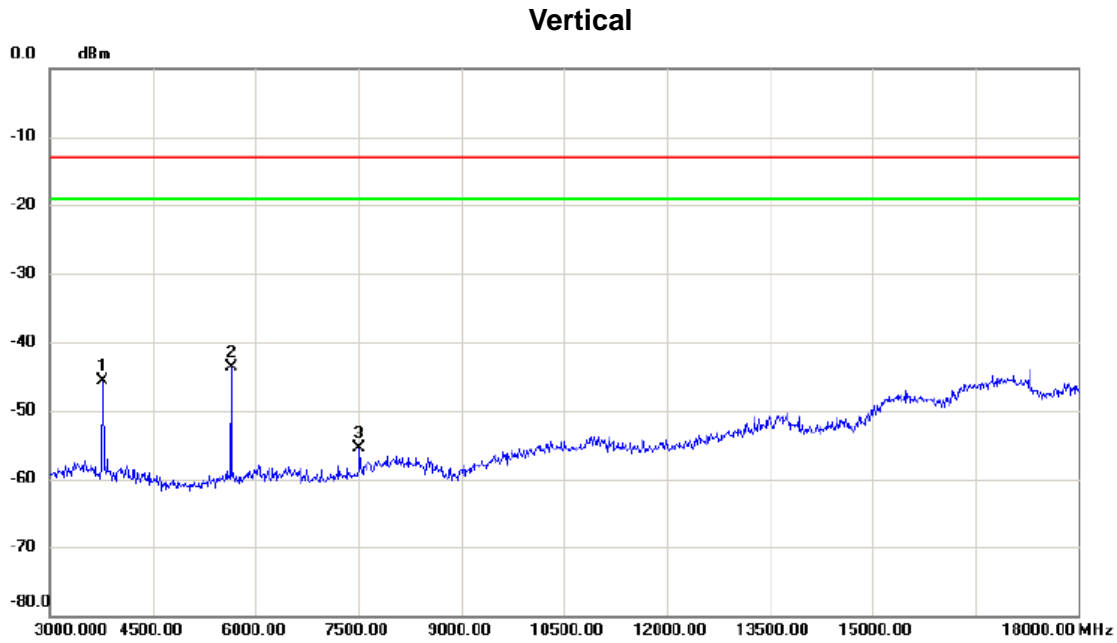
Test Mode: LTE Band 2\_TX CH18900\_1.4M

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
		1900.00	18.00	0.00	18.00	-15.00	3.00		

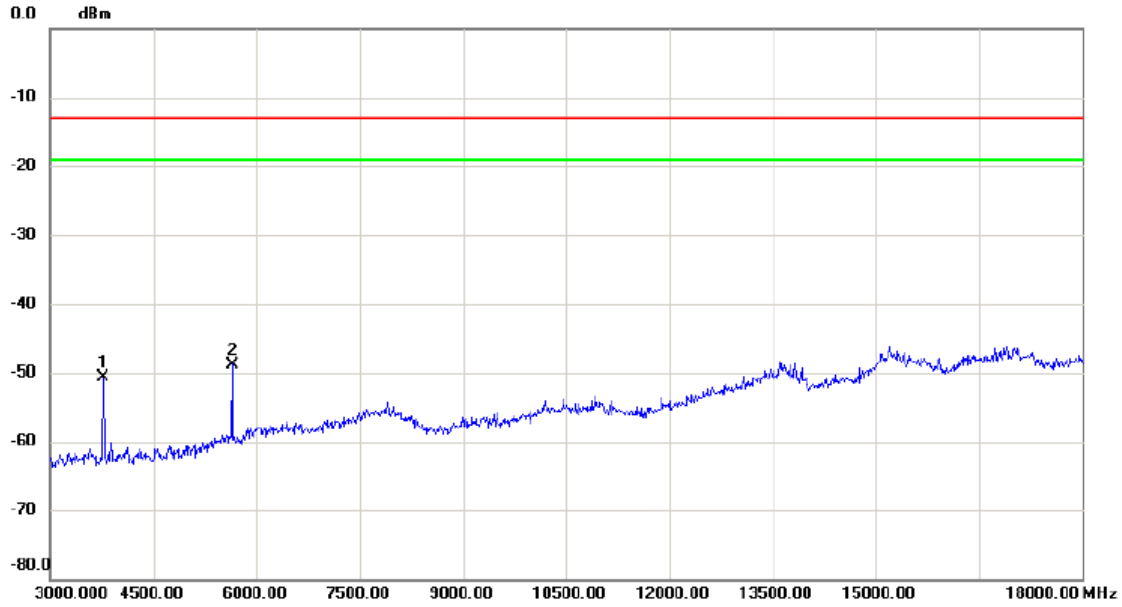
Test Mode: LTE Band 2\_TX CH18900\_1.4M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3765.000	-60.12	14.51	-45.61	-13.00	-32.61	peak	
2	*	5640.000	-59.92	16.31	-43.61	-13.00	-30.61	peak	
3		7515.000	-73.49	17.92	-55.57	-13.00	-42.57	peak	

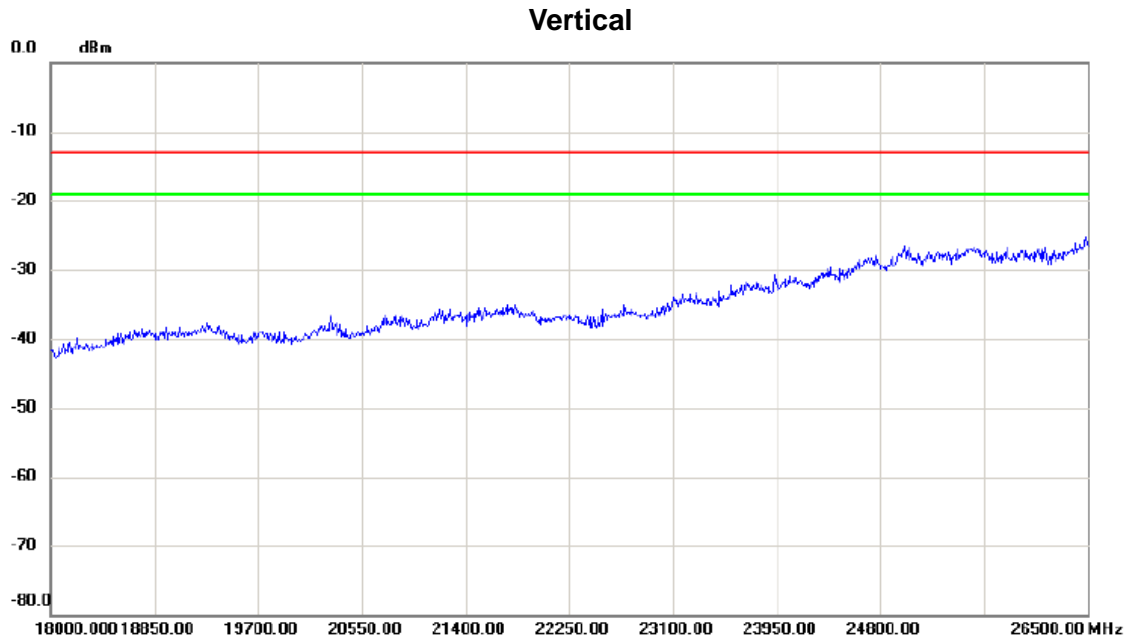
Test Mode: LTE Band 2\_TX CH18900\_1.4M

Horizontal



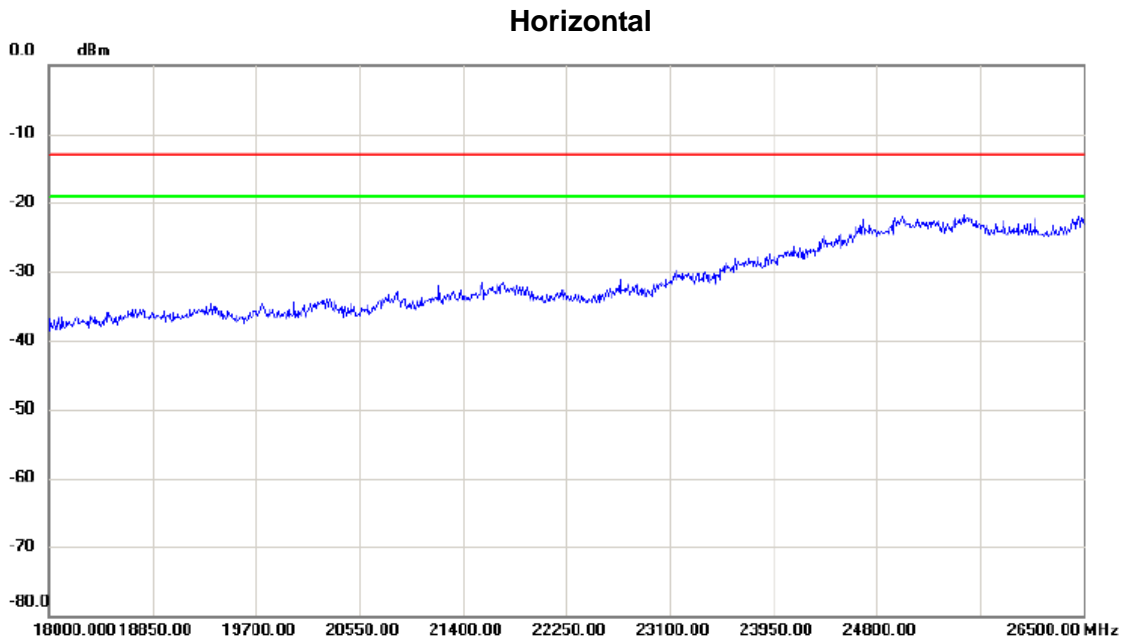
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3765.000	-62.10	11.36	-50.74	-13.00	-37.74	peak	
2	*	5640.000	-65.84	17.04	-48.80	-13.00	-35.80	peak	

Test Mode: LTE Band 2\_TX CH18900\_1.4M



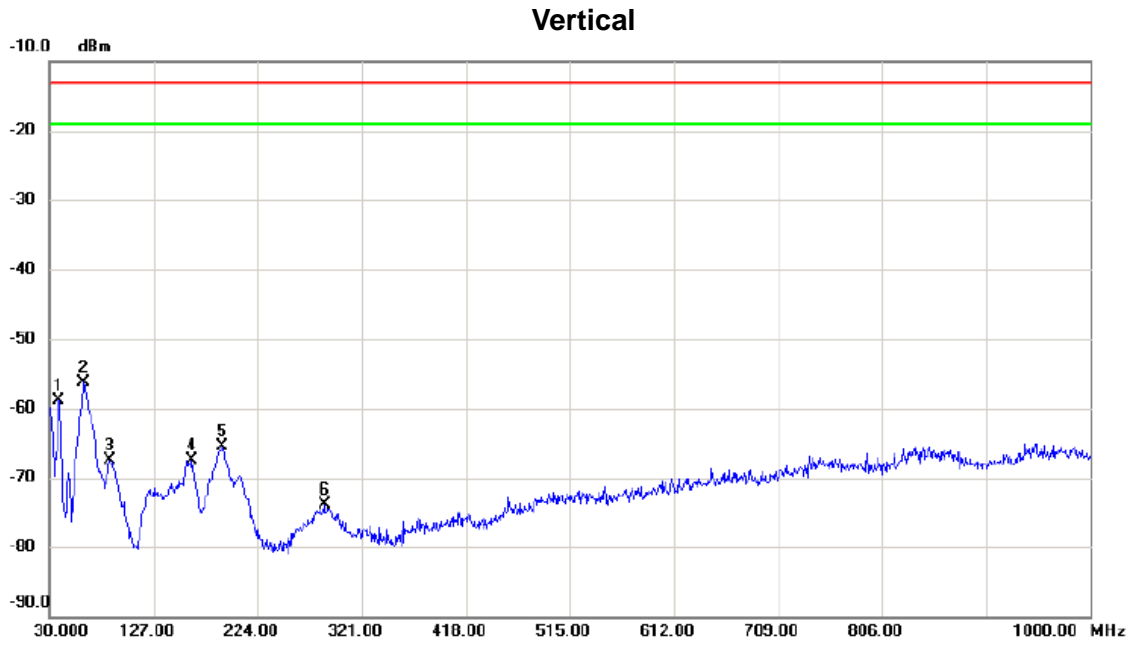
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 2\_TX CH18900\_1.4M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
		18000.00	-40.0		-40.0	-15.0	-25.0		
		18850.00	-38.0		-38.0	-15.0	-23.0		
		19700.00	-36.0		-36.0	-15.0	-21.0		
		20550.00	-34.0		-34.0	-15.0	-19.0		
		21400.00	-32.0		-32.0	-15.0	-17.0		
		22250.00	-30.0		-30.0	-15.0	-15.0		
		23100.00	-28.0		-28.0	-15.0	-13.0		
		23950.00	-26.0		-26.0	-15.0	-11.0		
		24800.00	-25.0		-25.0	-15.0	-10.0		
		26500.00	-25.0		-25.0	-15.0	-10.0		

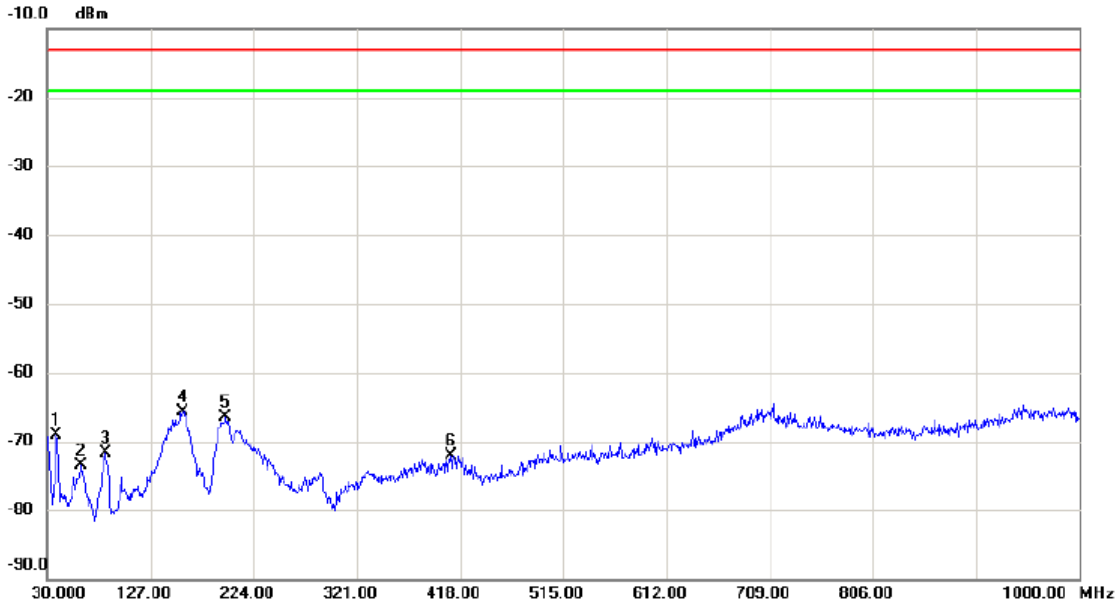
Test Mode: LTE Band 2\_TX CH18900\_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-60.09	1.21	-58.88	-13.00	-45.88	peak	
2	*	62.010	-57.10	0.73	-56.37	-13.00	-43.37	peak	
3		86.260	-61.66	-5.91	-67.57	-13.00	-54.57	peak	
4		161.920	-70.03	2.55	-67.48	-13.00	-54.48	peak	
5		191.020	-63.70	-1.85	-65.55	-13.00	-52.55	peak	
6		286.080	-76.28	2.39	-73.89	-13.00	-60.89	peak	

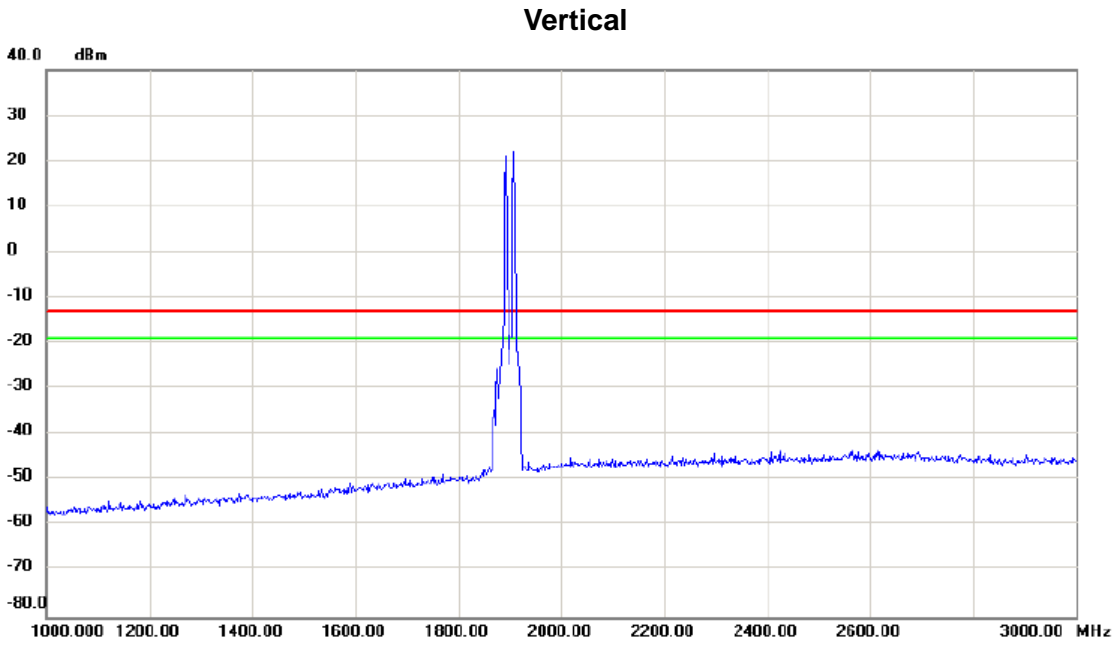
Test Mode: LTE Band 2\_TX CH18900\_20M

### Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		38.730	-70.65	1.63	-69.02	-13.00	-56.02	peak	
2		61.040	-72.62	-0.87	-73.49	-13.00	-60.49	peak	
3		84.320	-63.77	-7.87	-71.64	-13.00	-58.64	peak	
4	*	157.070	-68.82	3.19	-65.63	-13.00	-52.63	peak	
5		197.810	-64.75	-1.84	-66.59	-13.00	-53.59	peak	
6		409.270	-78.48	6.34	-72.14	-13.00	-59.14	peak	

Test Mode: LTE Band 2\_TX CH18900\_20M

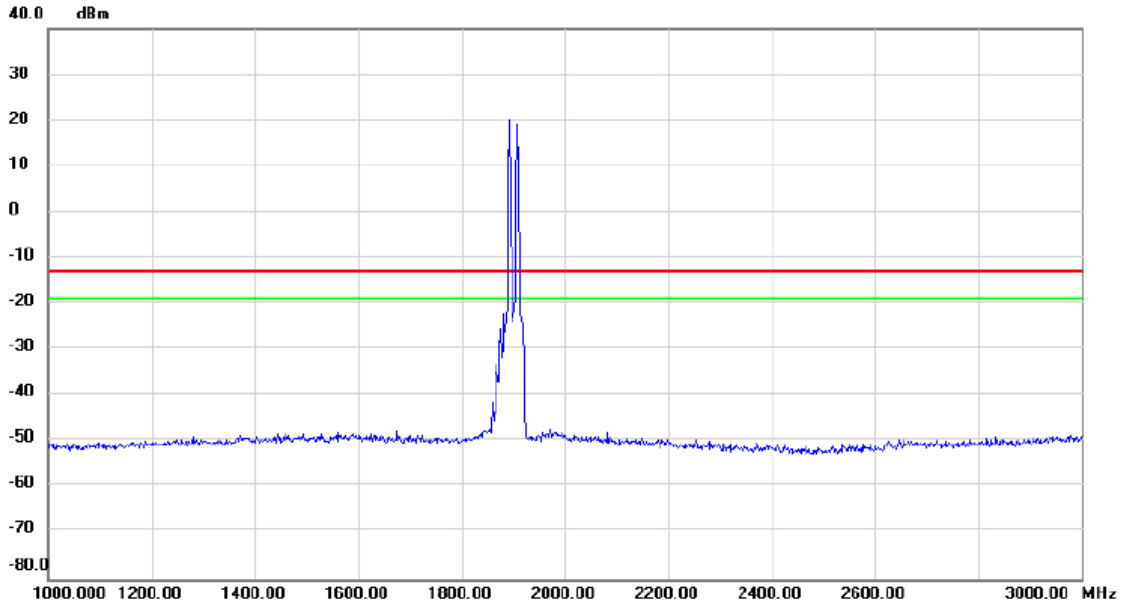


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		1900.00	20.00	0.00	20.00	-15.00	5.00		



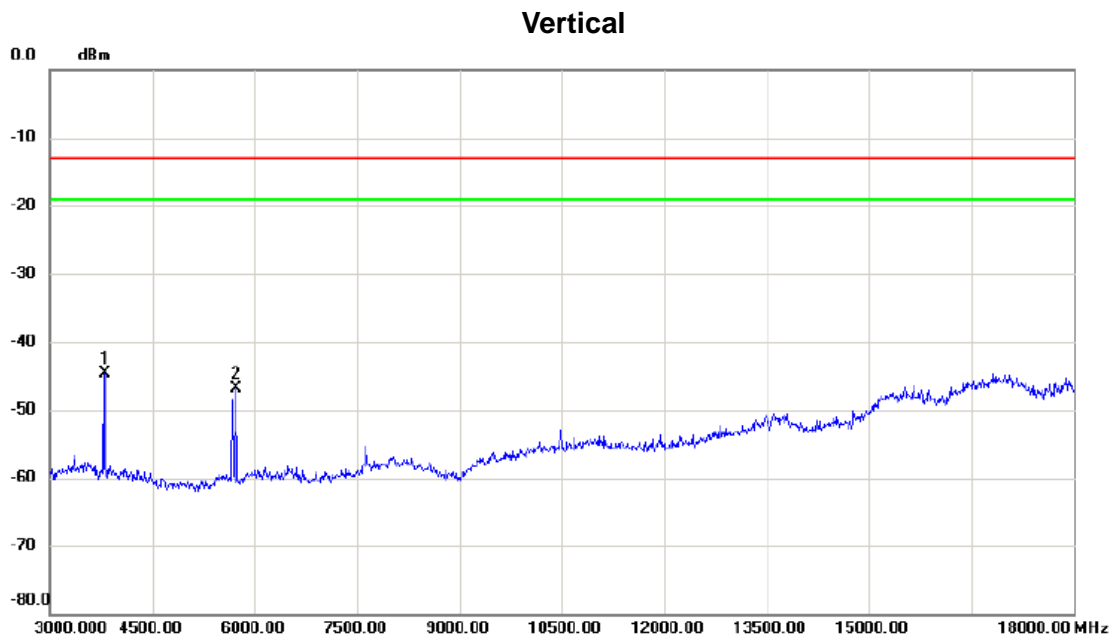
Test Mode: LTE Band 2\_TX CH18900\_20M

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		1890.00	20.00		20.00	-15.00	5.00		

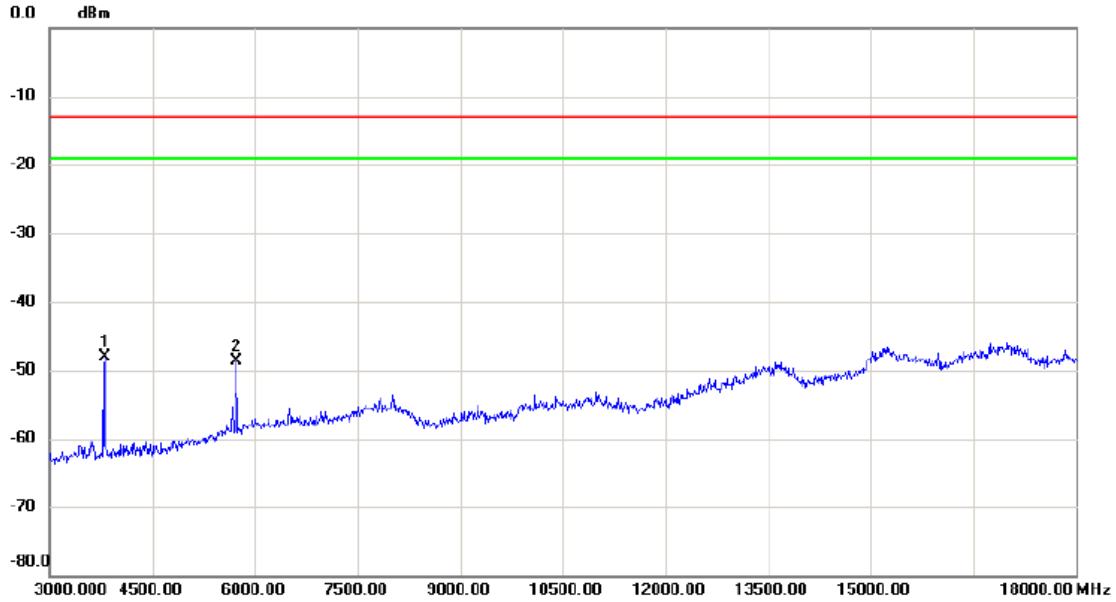
Test Mode: LTE Band 2\_TX CH18900\_20M



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3810.000	-59.26	14.56	-44.70	-13.00	-31.70	peak	
2		5730.000	-63.37	16.46	-46.91	-13.00	-33.91	peak	

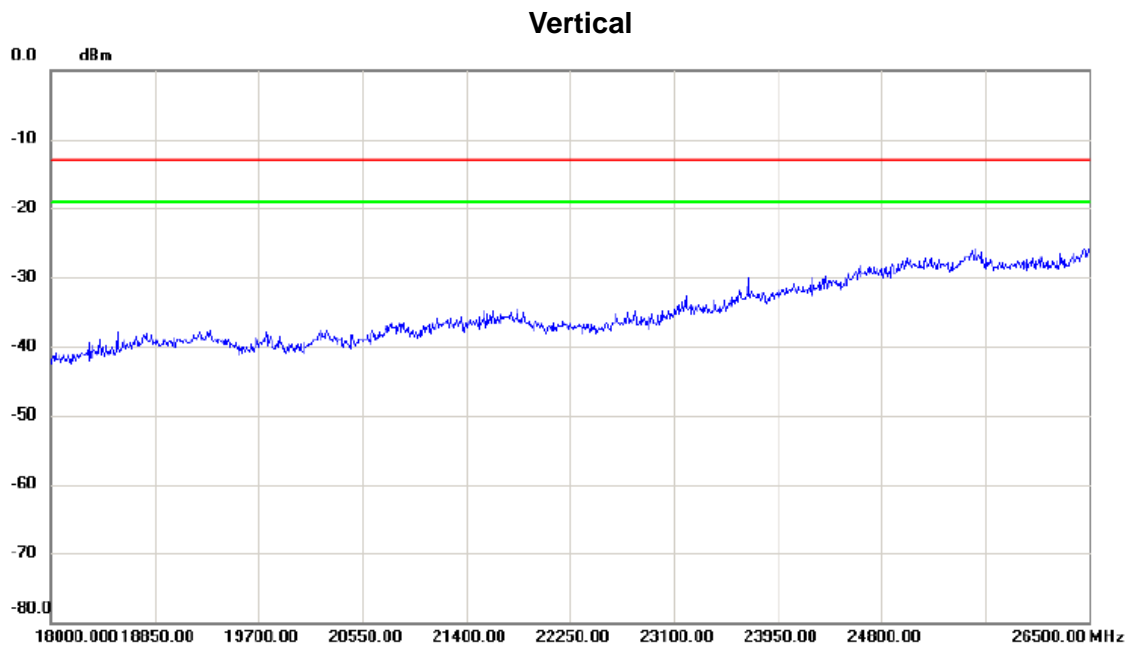
Test Mode: LTE Band 2\_TX CH18900\_20M

Horizontal



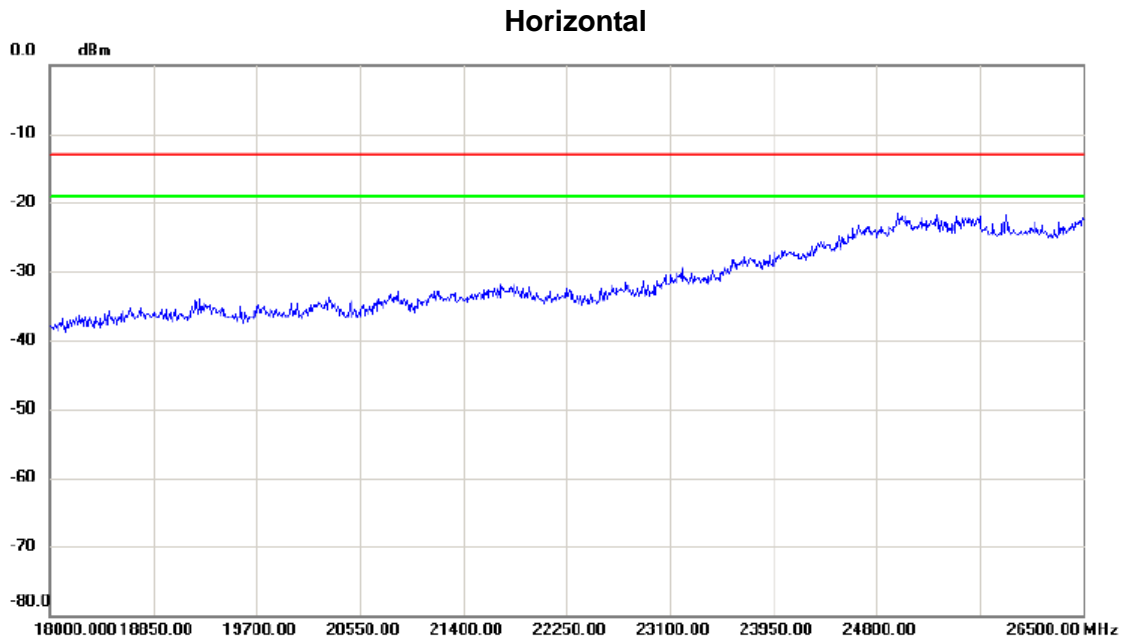
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3810.000	-59.54	11.48	-48.06	-13.00	-35.06	peak	
2		5730.000	-66.09	17.33	-48.76	-13.00	-35.76	peak	

Test Mode: LTE Band 2\_TX CH18900\_20M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
		18000.00	-40						
		18850.00	-40						
		19700.00	-40						
		20550.00	-38						
		21400.00	-38						
		22250.00	-38						
		23100.00	-35						
		23950.00	-32						
		24800.00	-30						
		25650.00	-28						

Test Mode: LTE Band 2\_TX CH18900\_20M



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

## ATTACHMENT E - BAND EDGE

DCS1900

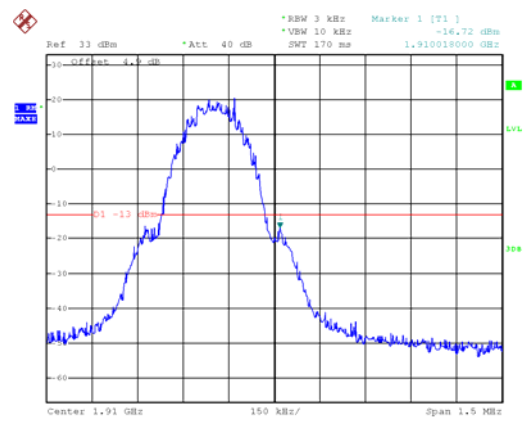
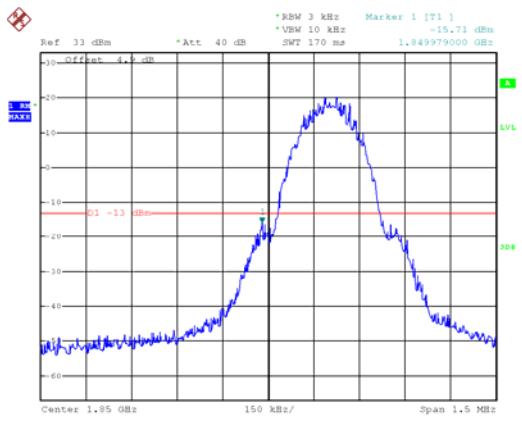
GSM

Channel

512

Channel

810



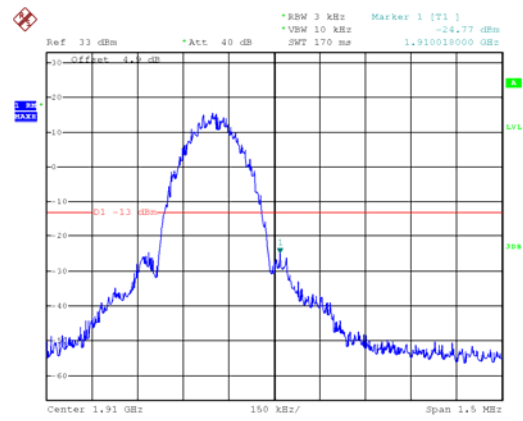
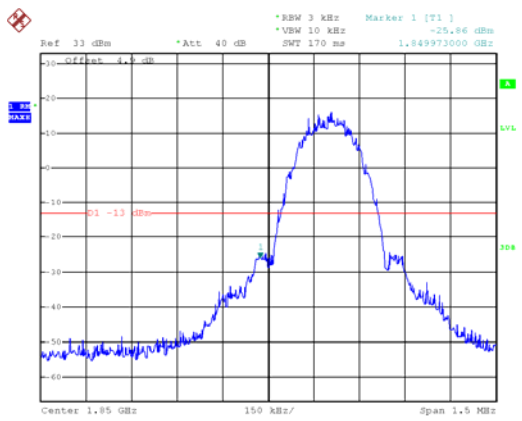
EDGE

Channel

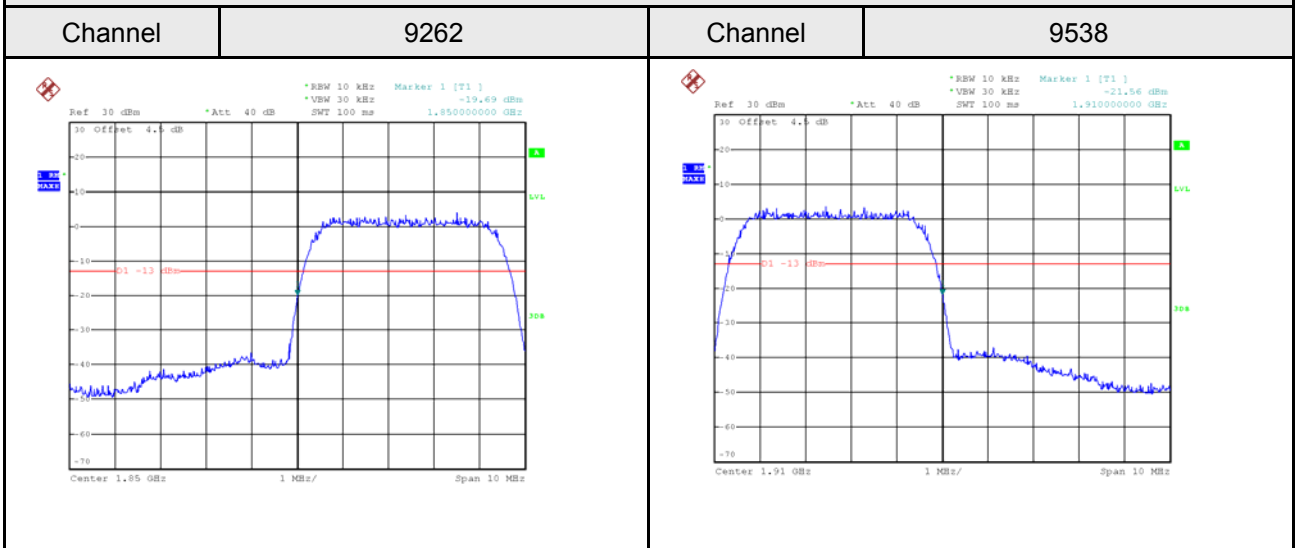
512

Channel

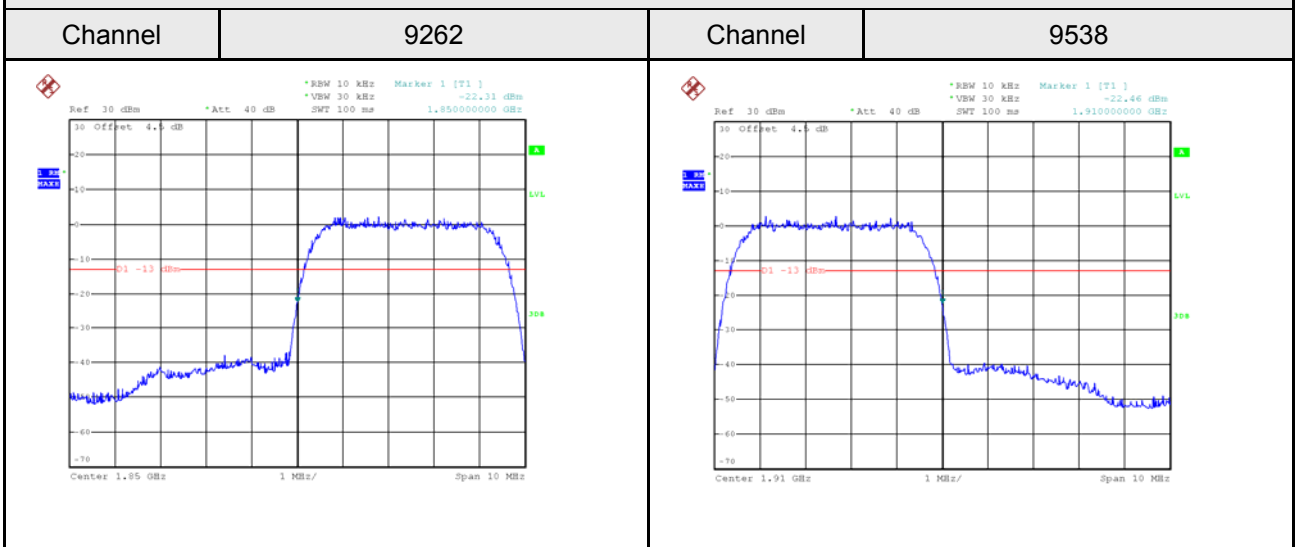
810



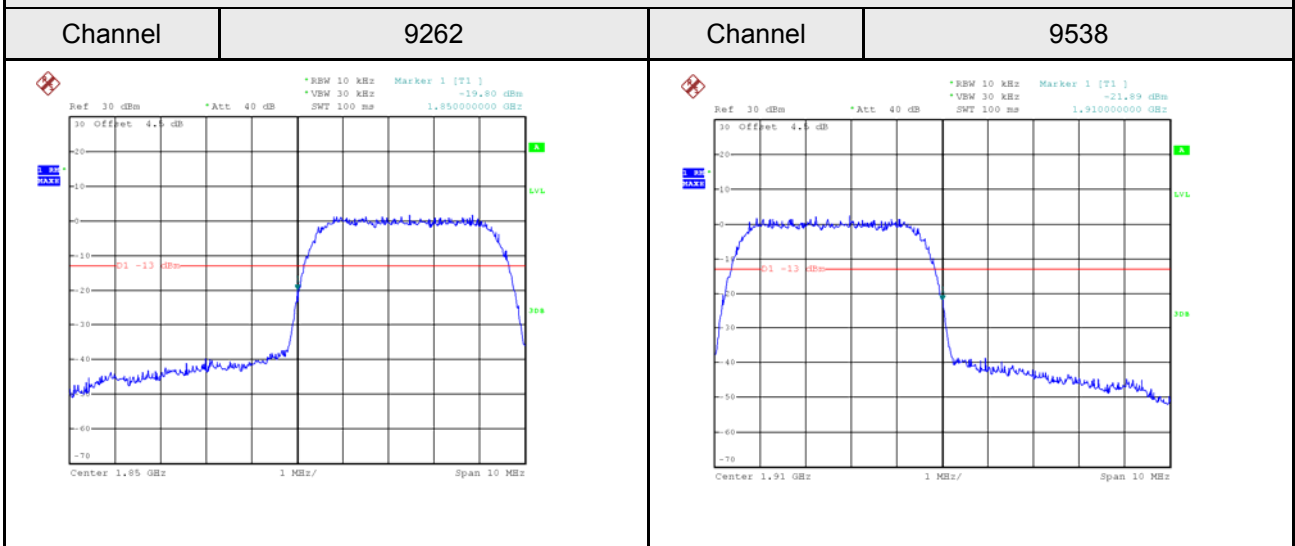
### WCDMA Band 2



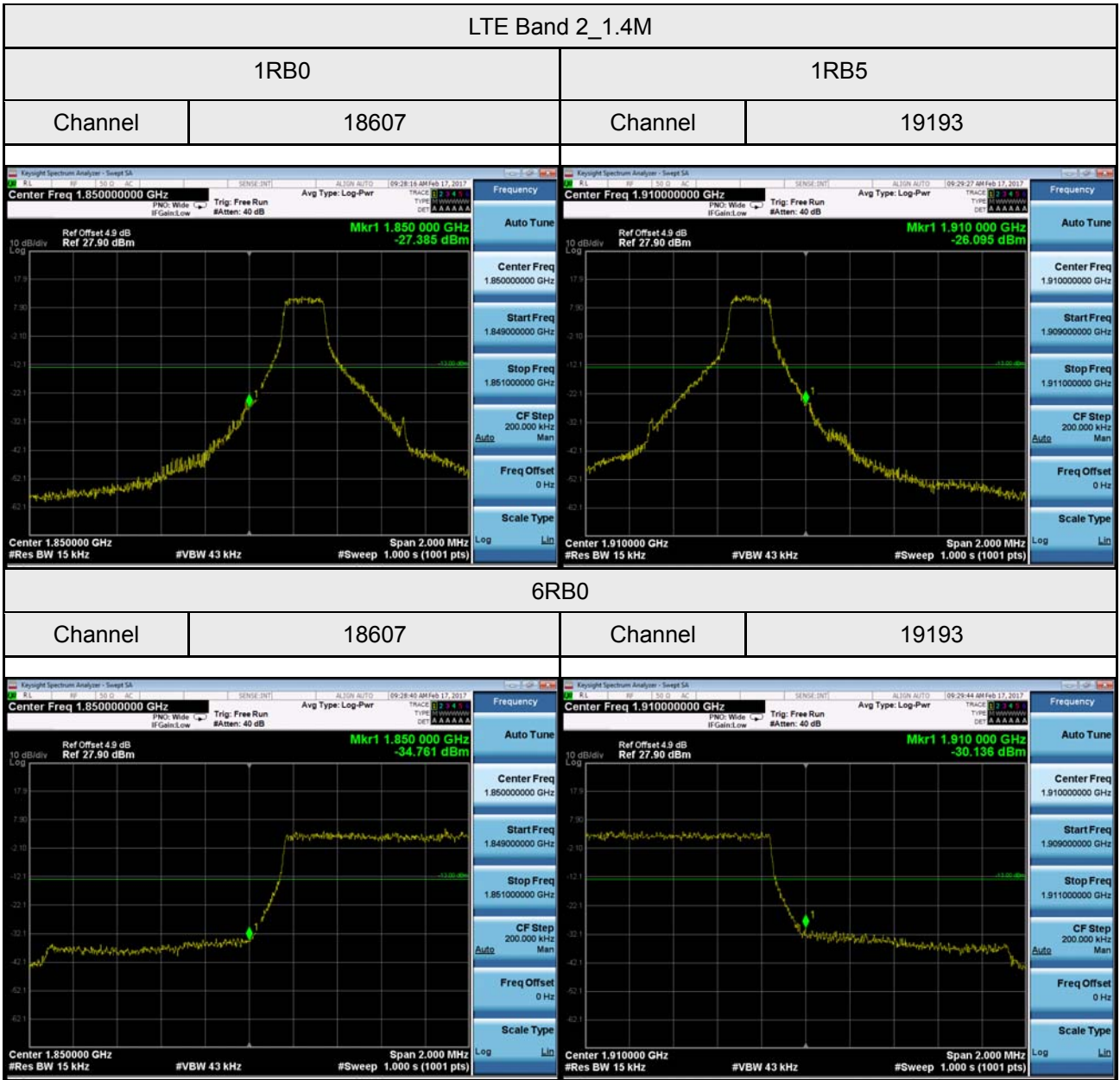
### WCDMA\_HSDPA Band 2

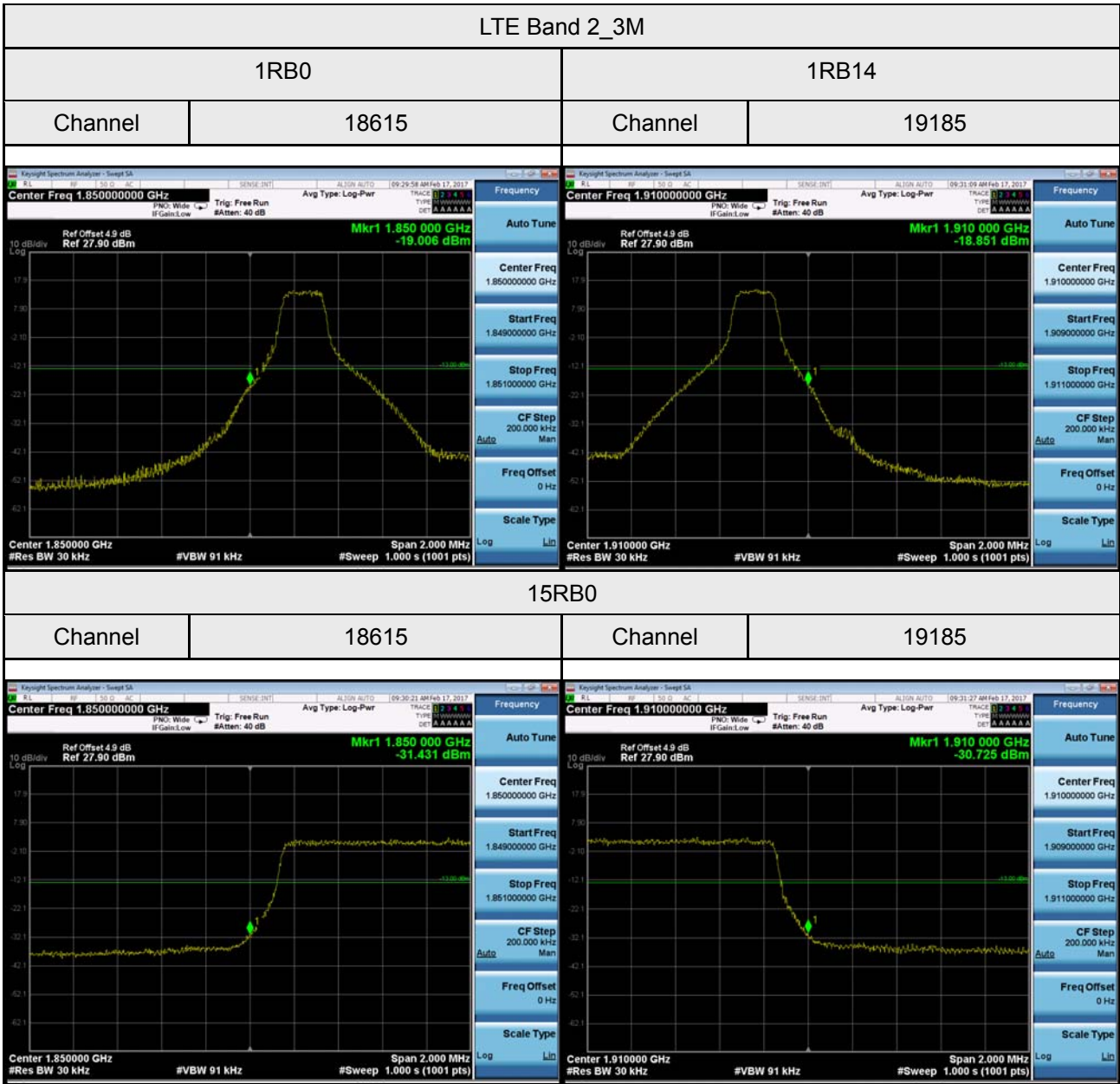


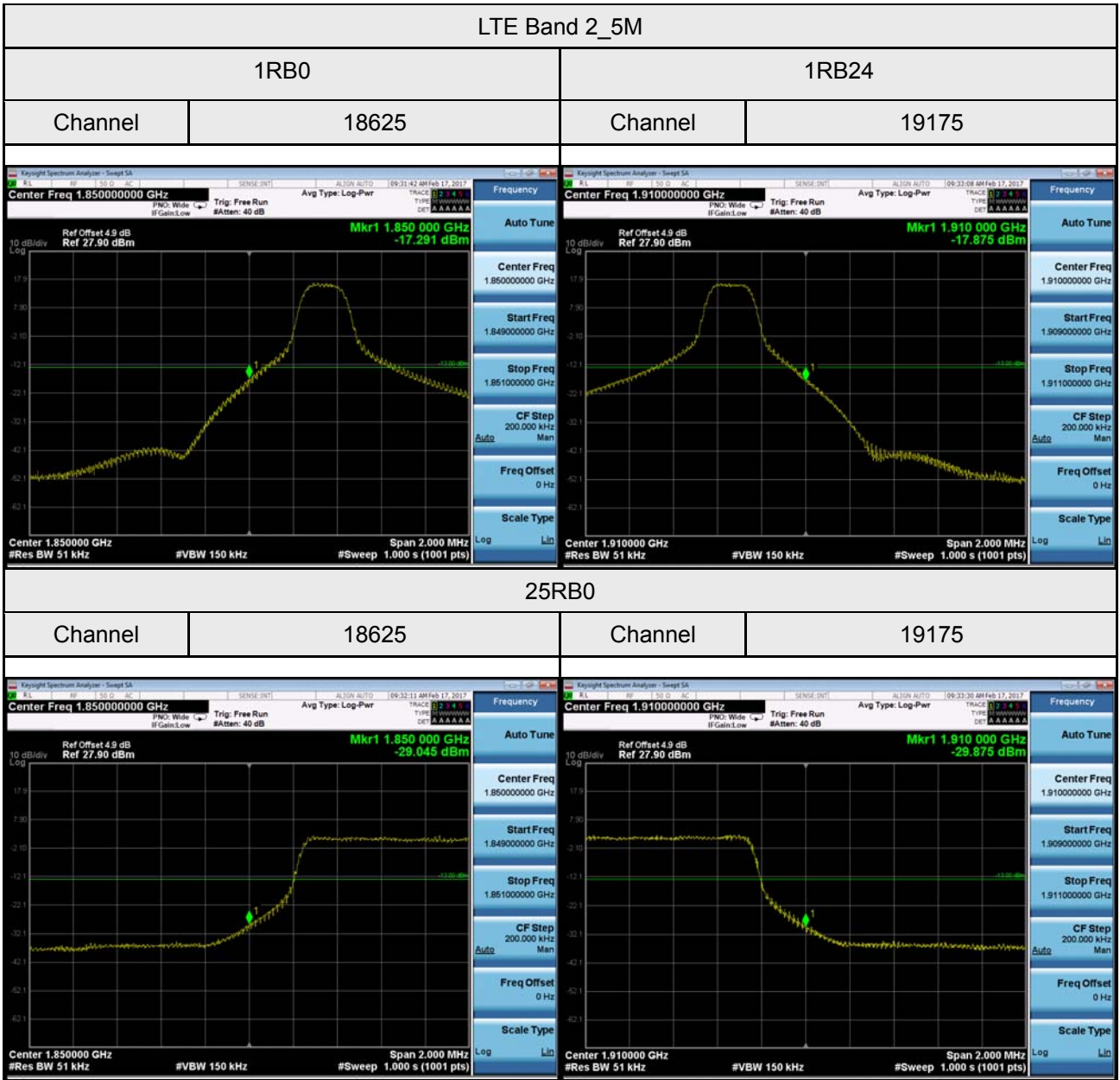
### WCDMA\_HSUPA Band 2

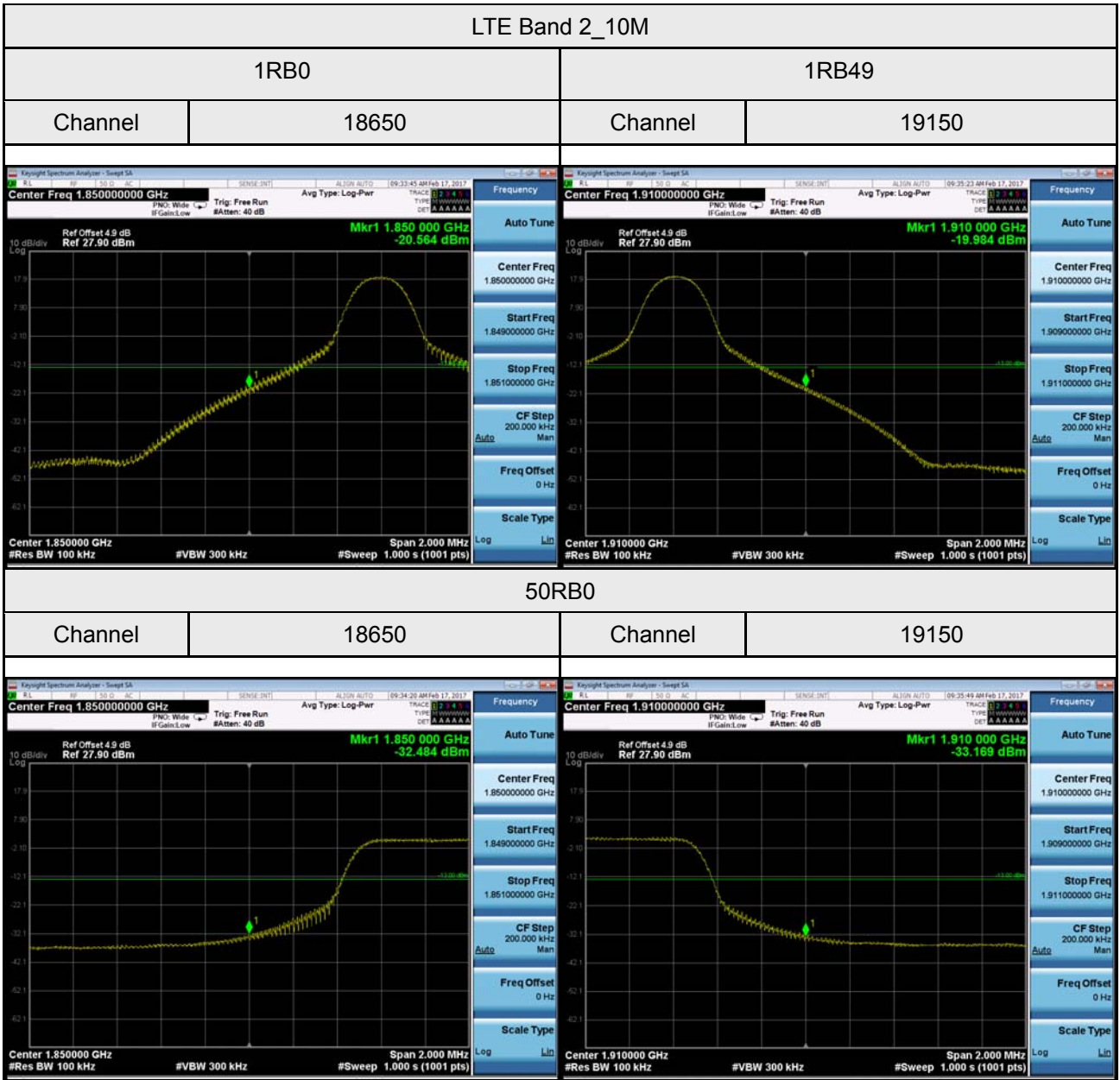


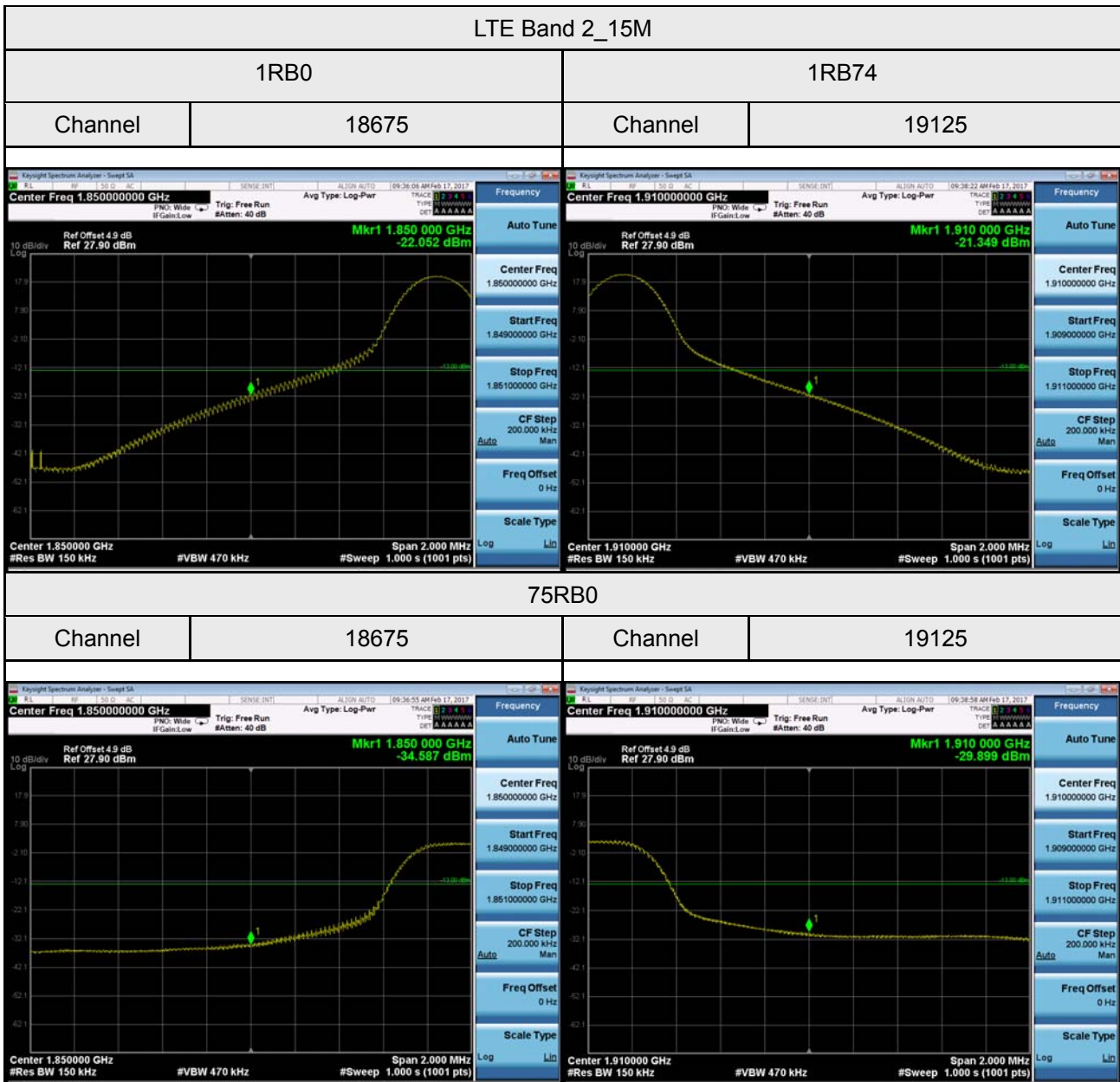












LTE Band 2\_20M

1RB0

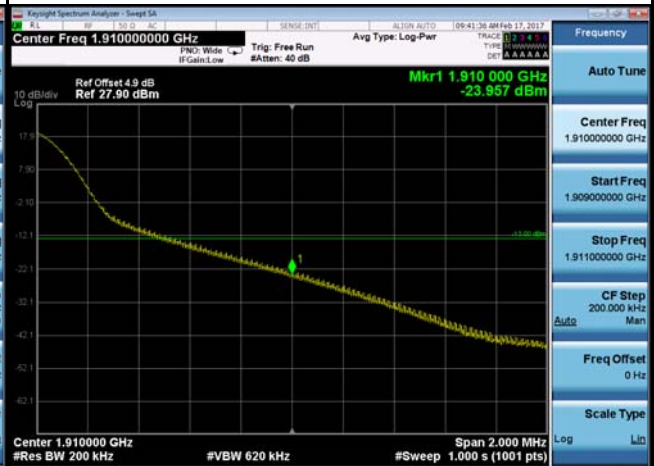
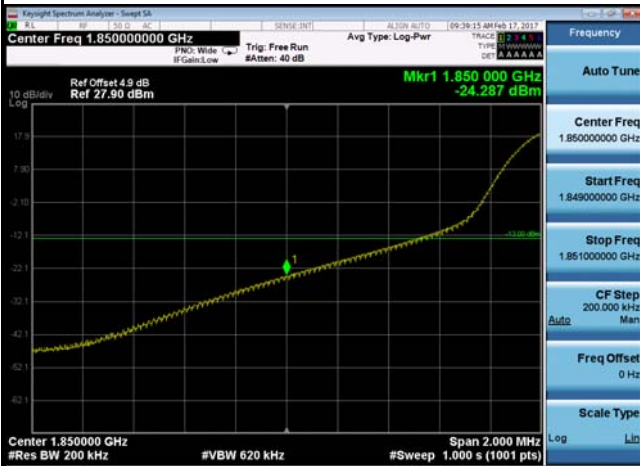
1RB99

Channel

18700

Channel

19100



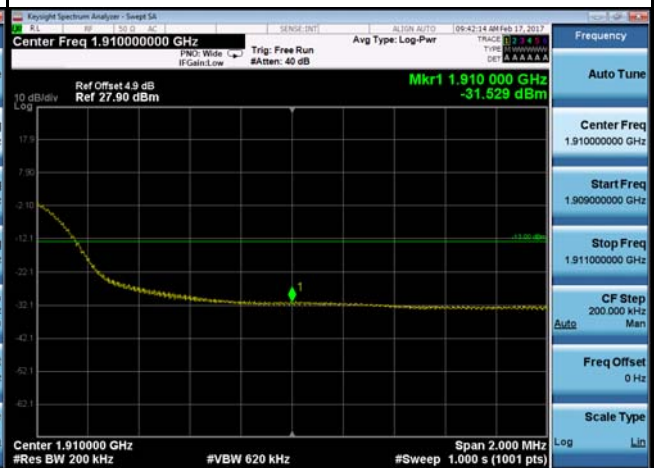
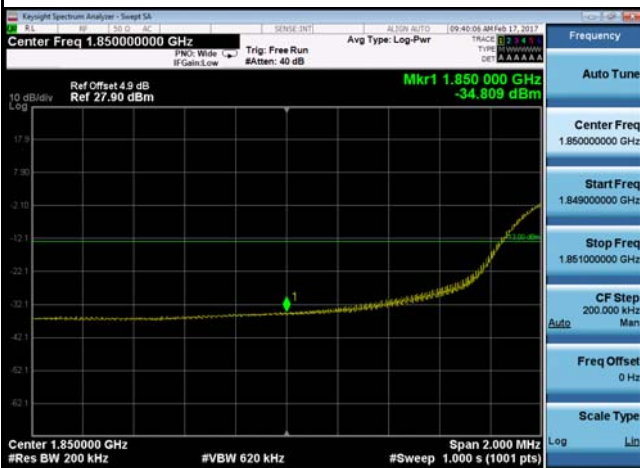
100RB0

Channel

18700

Channel

19100

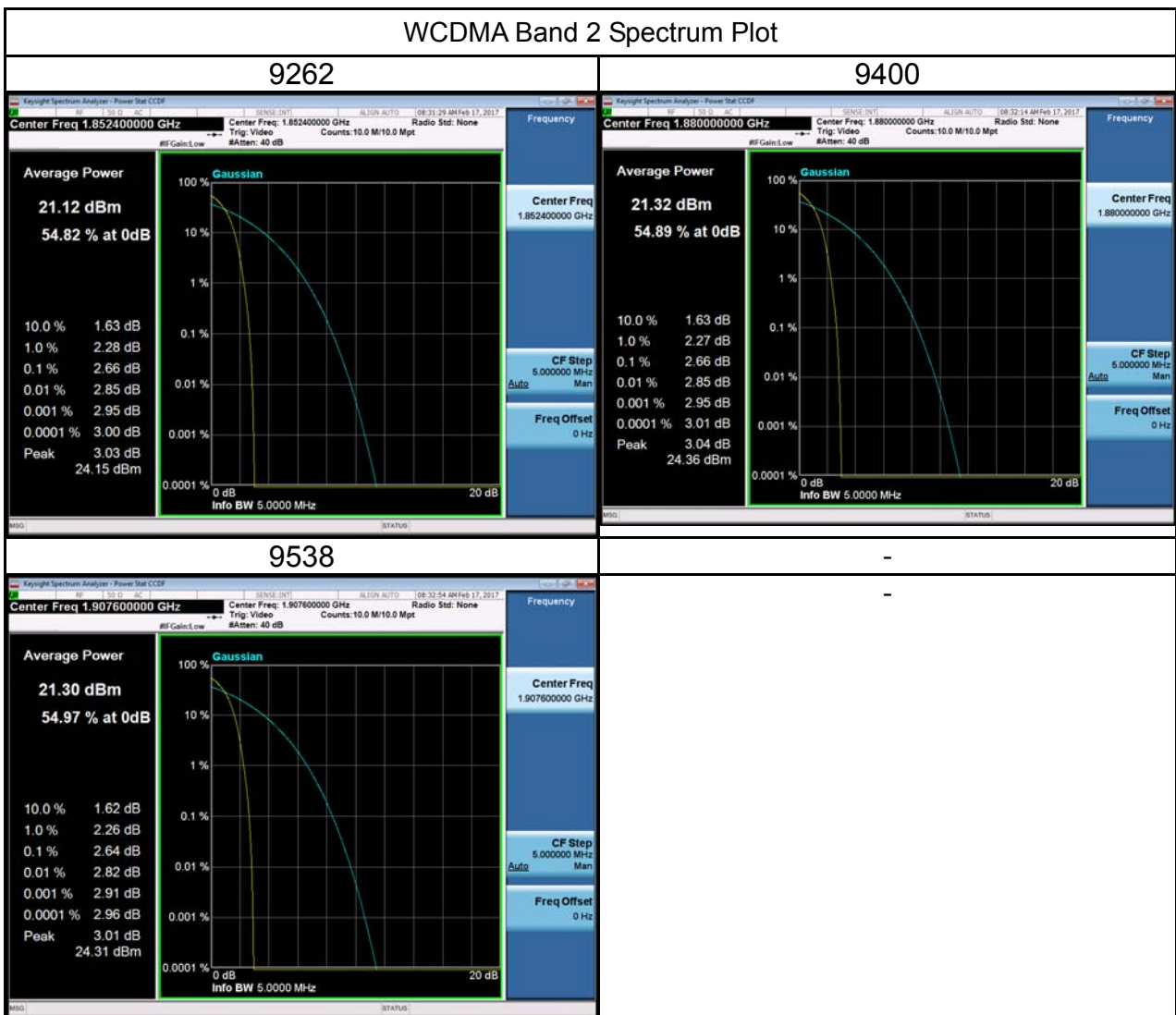


## ATTACHMENT F - PEAK TO AVERAGE RATIO

DCS1900							
GSM				EDGE			
CS				8PSK			
Channel	Frequency (MHz)	PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	PAPR (dB)	Limit (dB)
512	1850.2	0.74	13	512	1850.2	3.56	13
661	1880	0.78	13	661	1880	3.55	13
810	1909.8	0.71	13	810	1909.8	3.52	13

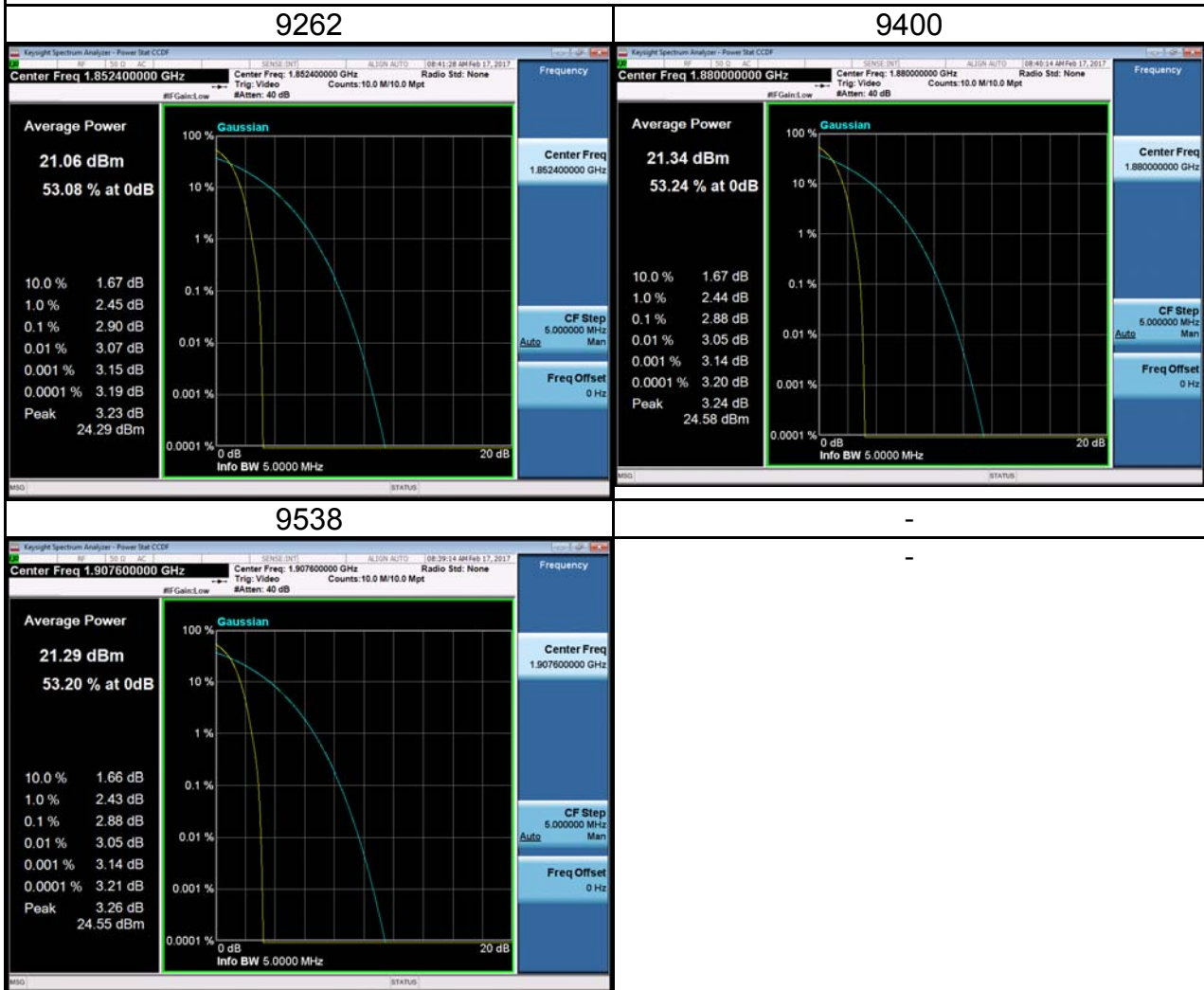


WCDMA Band 2			
BPSK			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
9262	1852.4	2.66	13
9400	1880	2.66	13
9538	1907.6	2.64	13

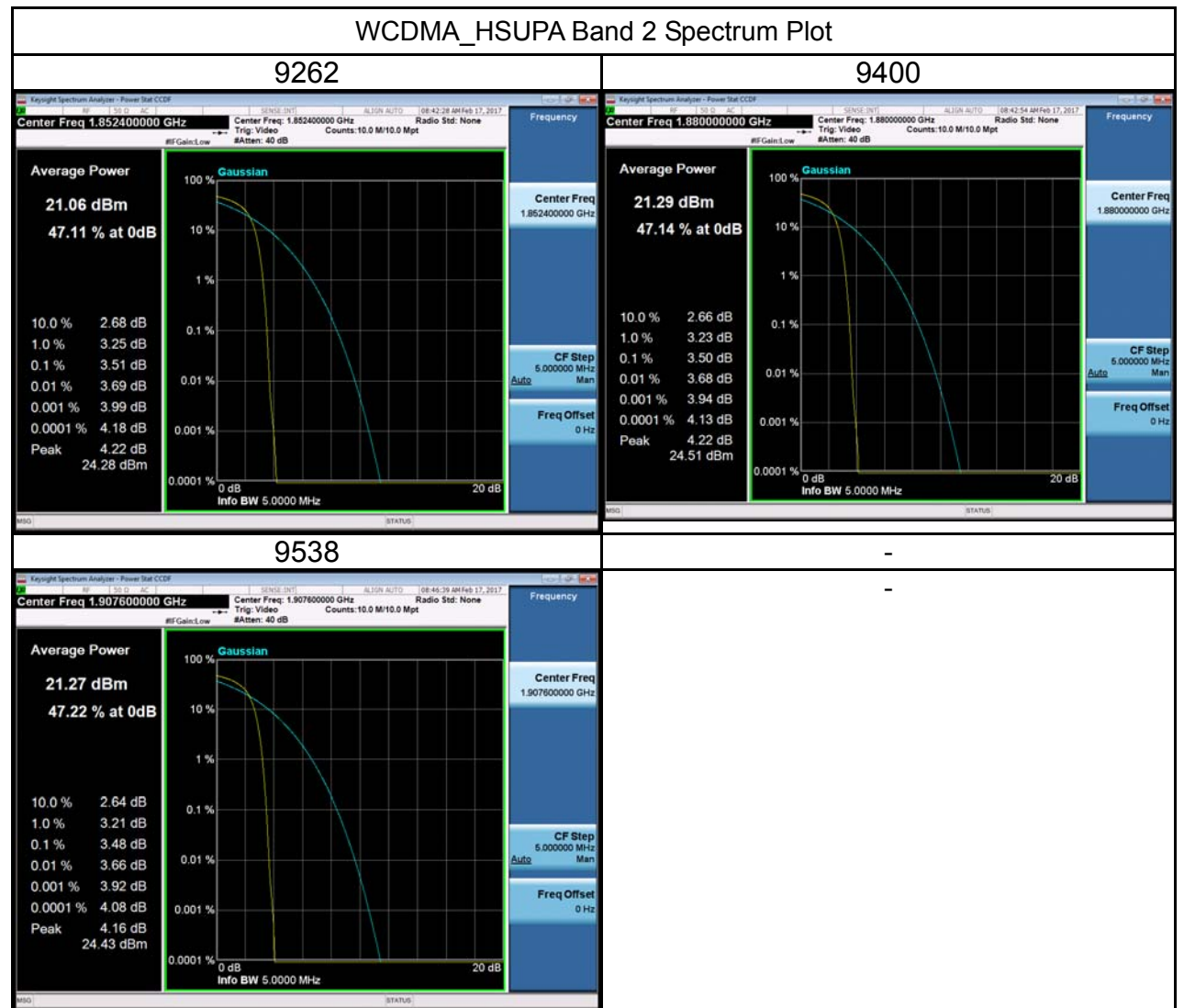


WCDMA_HSDPA Band 2			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
9262	1852.4	2.90	13
9400	1880	2.88	13
9538	1907.6	2.88	13

### WCDMA\_HSDPA Band 2 Spectrum Plot

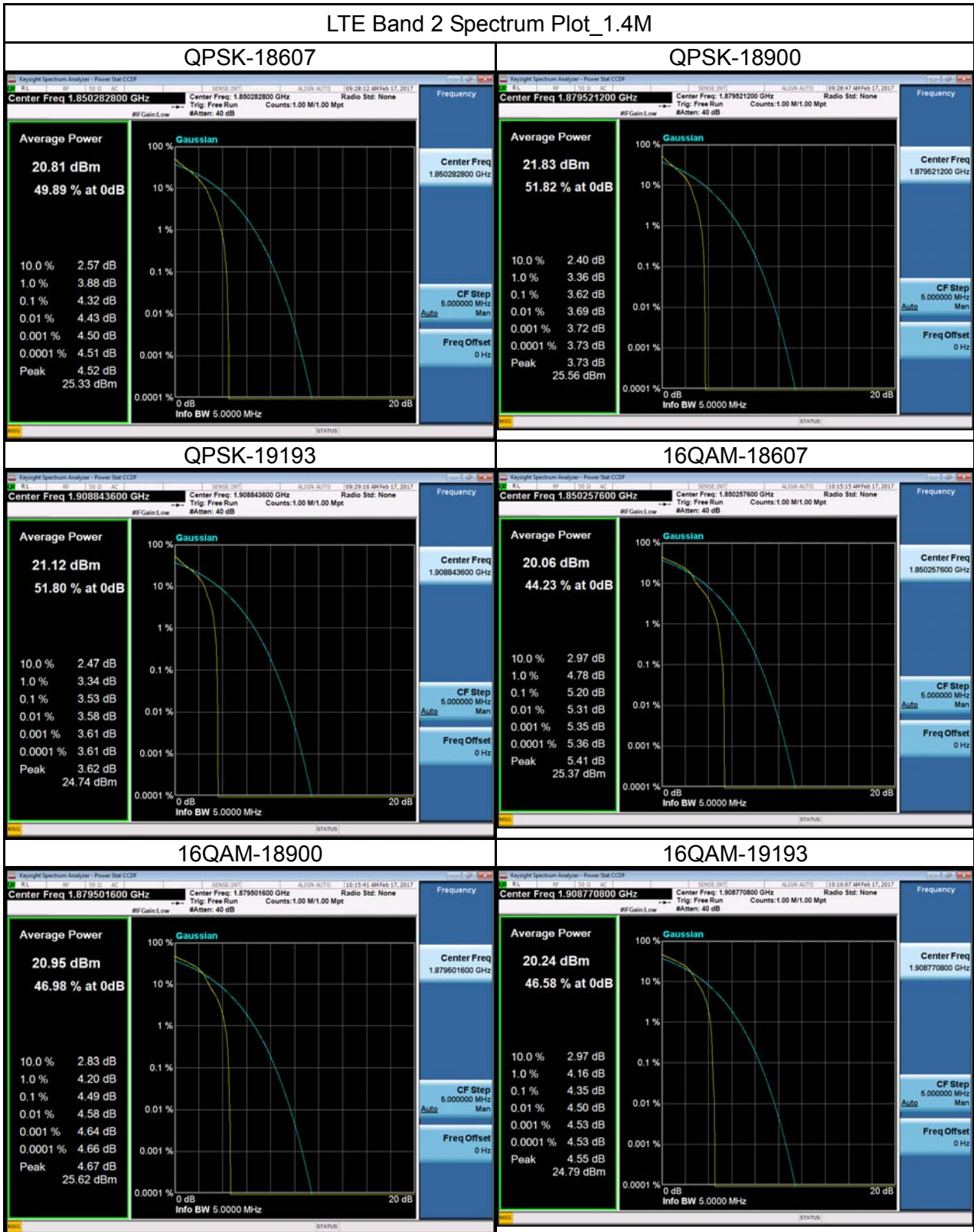


WCDMA_HSUPA Band 2			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
9262	1852.4	3.51	13
9400	1880	3.50	13
9538	1907.6	3.48	13



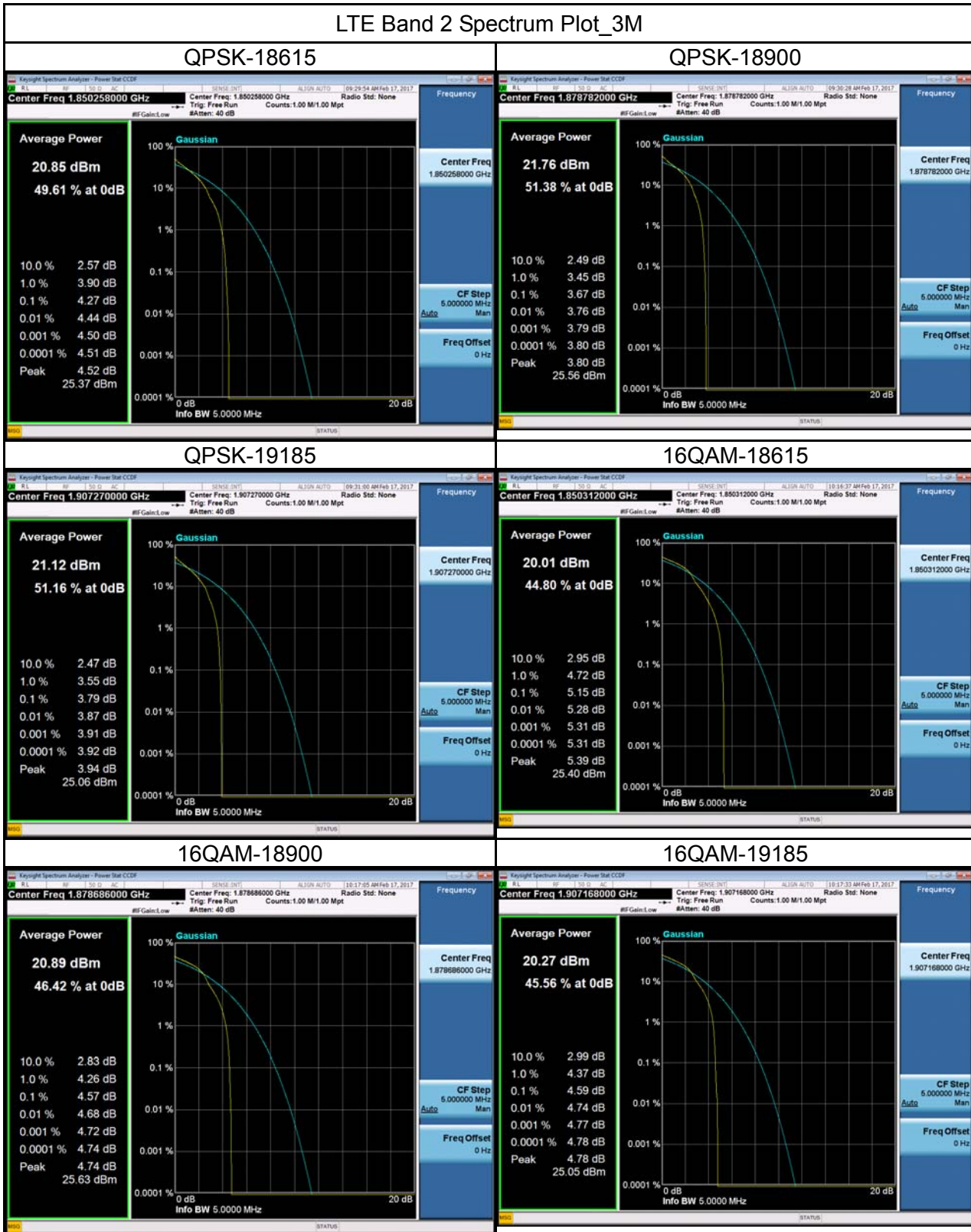
LTE Band 2_1.4M							
QPSK				16QAM			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
18607	1850.7	4.32	13	18607	1850.7	5.20	13
18900	1880	3.62	13	18900	1880	4.49	13
19193	1909.3	3.53	13	19193	1909.3	4.35	13

### LTE Band 2 Spectrum Plot\_1.4M



LTE Band 2_3M							
QPSK				16QAM			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
18615	1851.5	4.27	13	18615	1851.5	5.15	13
18900	1880	3.67	13	18900	1880	4.57	13
19185	1908.5	3.79	13	19185	1908.5	4.59	13

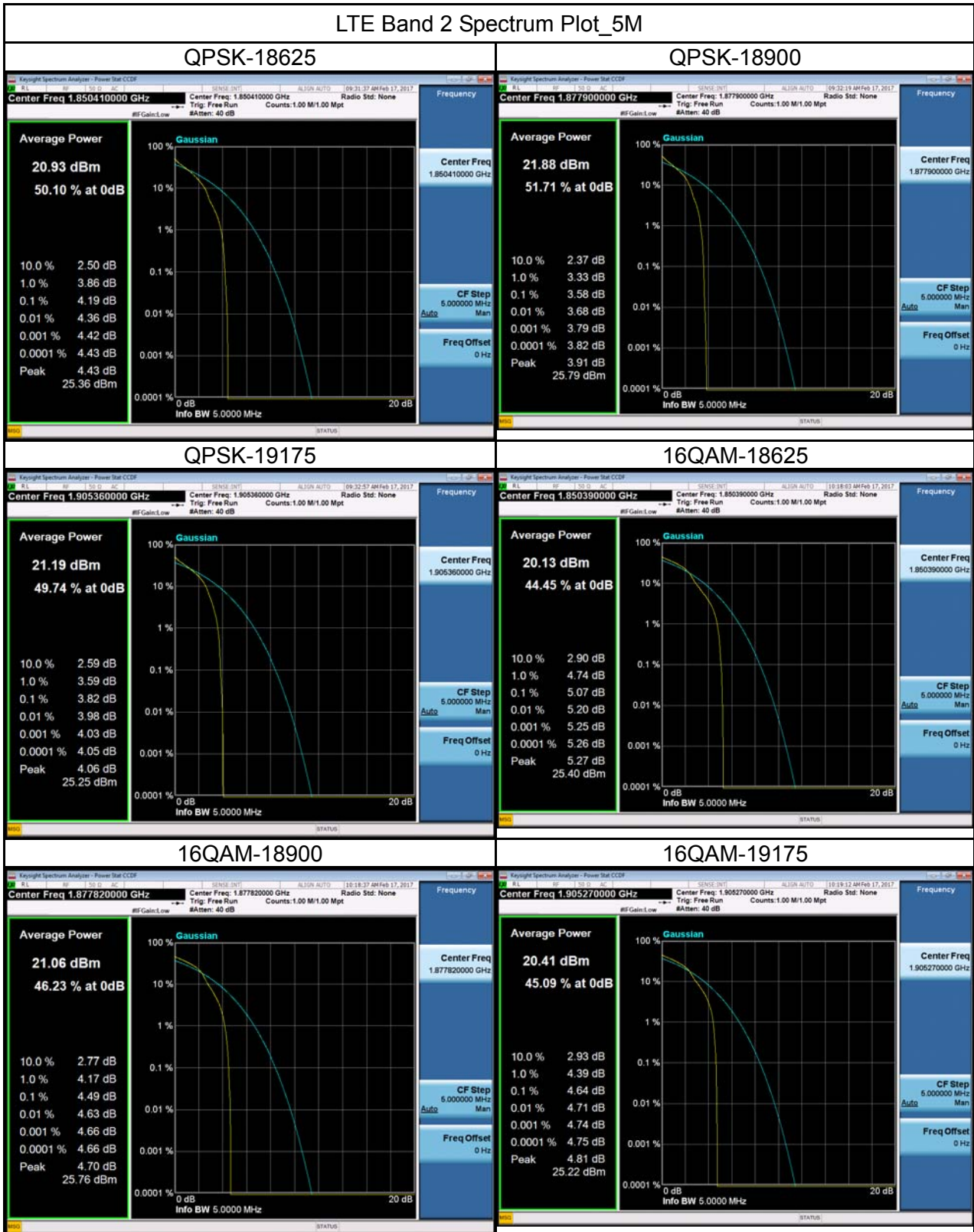
### LTE Band 2 Spectrum Plot\_3M



LTE Band 2_5M							
QPSK				16QAM			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
18625	1852.5	4.19	13	18625	1852.5	5.07	13
18900	1880	3.58	13	18900	1880	4.49	13
19175	1907.5	3.82	13	19175	1907.5	4.64	13

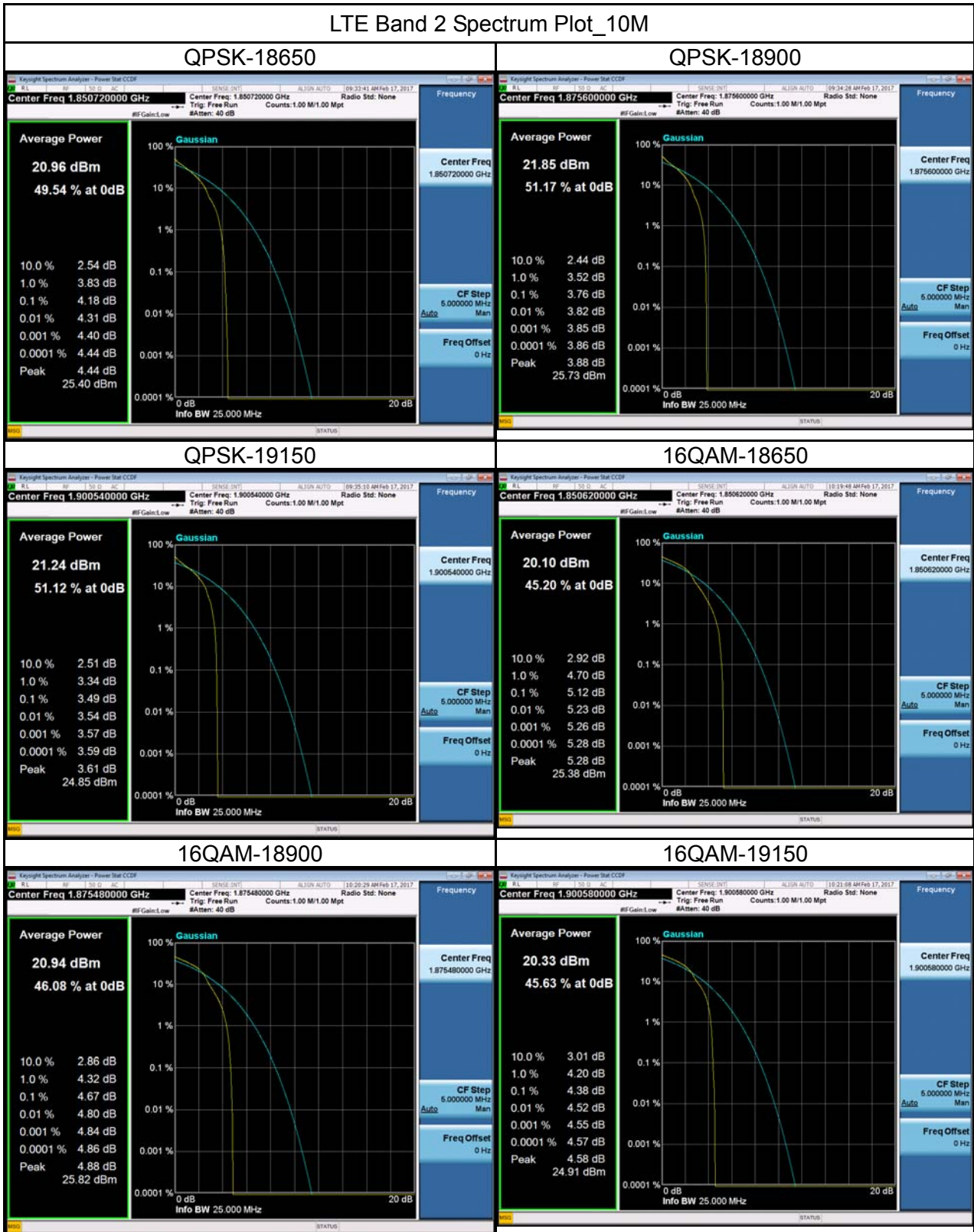


### LTE Band 2 Spectrum Plot\_5M



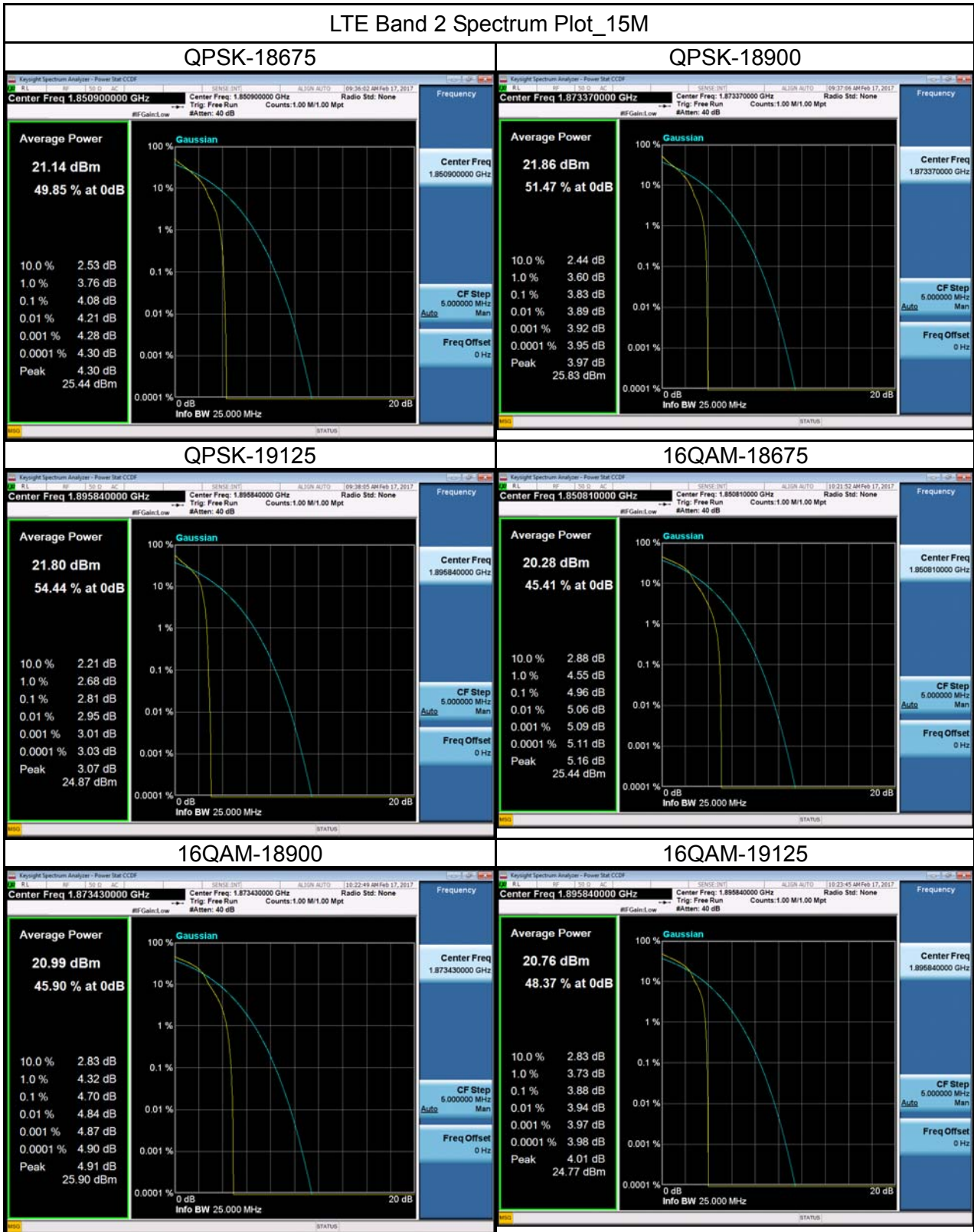
LTE Band 2_10M							
QPSK				16QAM			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
18650	1855	4.18	13	18650	1855	5.12	13
18900	1880	3.76	13	18900	1880	4.67	13
19150	1905	3.49	13	19150	1905	4.38	13

### LTE Band 2 Spectrum Plot\_10M



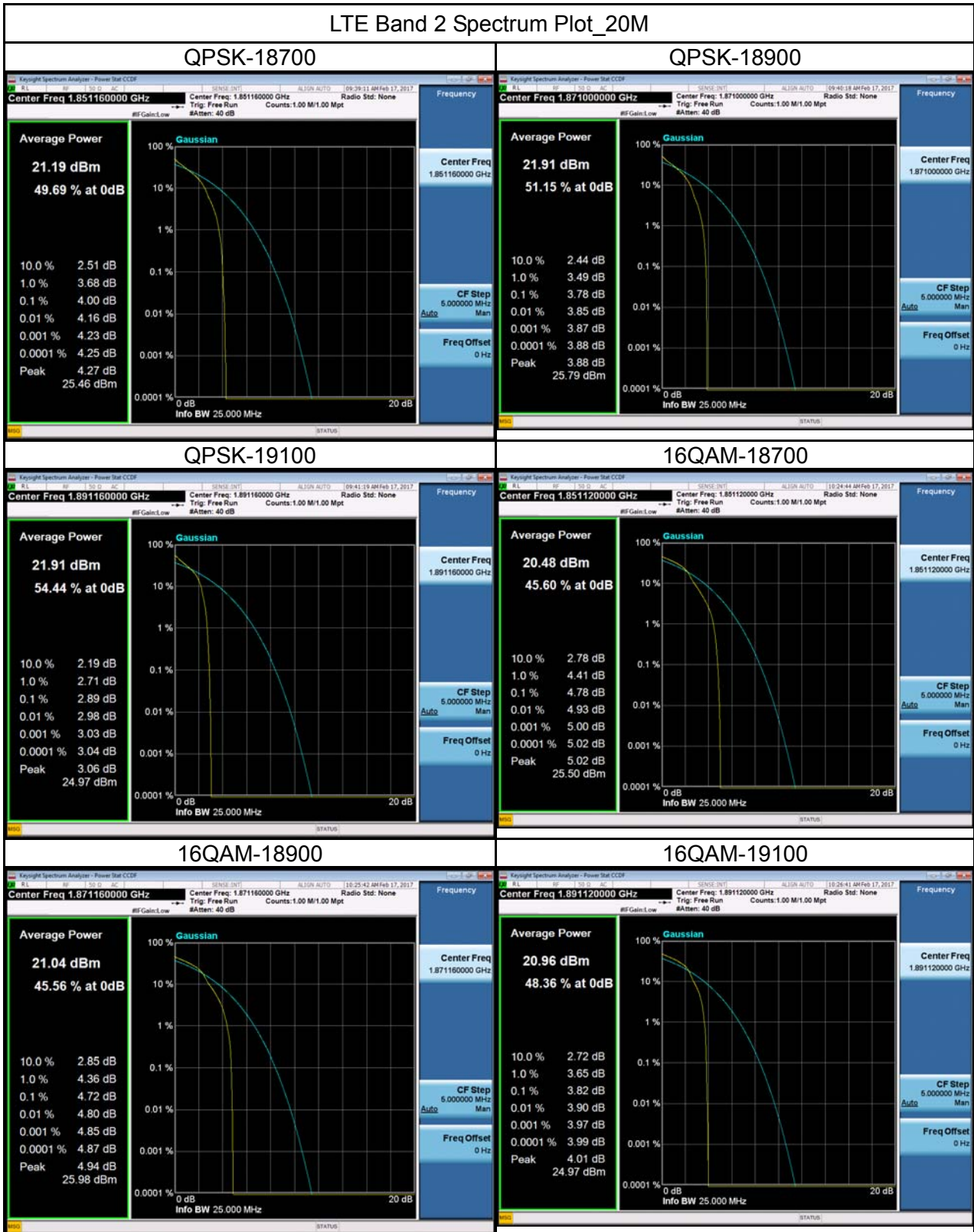
LTE Band 2_15M							
QPSK				16QAM			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
18675	1857.5	4.08	13	18675	1857.5	4.96	13
18900	1880	3.83	13	18900	1880	4.70	13
19125	1902.5	2.81	13	19125	1902.5	3.88	13

### LTE Band 2 Spectrum Plot\_15M



LTE Band 2_20M							
QPSK				16QAM			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
18700	1860	4.00	13	18700	1860	4.78	13
18900	1880	3.78	13	18900	1880	4.72	13
19100	1900	2.89	13	19100	1900	3.82	13

### LTE Band 2 Spectrum Plot\_20M



## ATTACHMENT G - FREQUENCY STABILITY



Test Mode:	DCS1900_CH661
------------	---------------

### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	6.37	0.003442871	2.5
5	8.45	0.004567074	2.5
10	9.02	0.004875149	2.5
15	8.67	0.00468598	2.5
20	6.54	0.003534753	2.5
25	6.53	0.003529348	2.5
30	7.29	0.003940115	2.5
35	6.21	0.003356394	2.5
Max. Deviation (ppm)	<b>9.02</b>	<b>0.004875149</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.34	0.003426657	2.5
4	6.81	0.003680683	2.5
4.2	7.25	0.003918495	2.5
Max. Deviation (ppm)	<b>7.25</b>	<b>0.003918495</b>	2.5

Test Mode:	WCDMA Band 2_CH9400
------------	---------------------

### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	9.32	0.004957447	2.5
5	5.67	0.003015957	2.5
10	8.21	0.004367021	2.5
15	6.64	0.003531915	2.5
20	5.21	0.002771277	2.5
25	4.89	0.002601064	2.5
30	6.59	0.003505319	2.5
35	6.63	0.003526596	2.5
Max. Deviation (ppm)	9.32	0.004957447	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.99	0.00318617	2.5
4	6.08	0.003234043	2.5
4.2	7.56	0.004021277	2.5
Max. Deviation (ppm)	7.56	0.004021277	2.5

Test Mode:	LTE Band 2_CH18900_1.4M
------------	-------------------------

### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	2.36	0.001255319	2.5
5	-3.65	0.001941489	2.5
10	2.58	0.00137234	2.5
15	5.88	0.00312766	2.5
20	-6.10	0.003244681	2.5
25	3.32	0.001765957	2.5
30	-4.48	0.002382979	2.5
35	3.67	0.001952128	2.5
Max. Deviation (ppm)	<b>6.10</b>	<b>0.003244681</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	3.56	0.001893617	2.5
4	-2.48	0.001319149	2.5
4.2	3.86	0.002053191	2.5
Max. Deviation (ppm)	<b>3.86</b>	<b>0.002053191</b>	2.5

Test Mode:	LTE Band 2_CH18900_3M
------------	-----------------------

### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	5.22	0.002776596	2.5
5	-6.21	0.003303191	2.5
10	3.41	0.00181383	2.5
15	-1.87	0.000994681	2.5
20	1.26	0.000670213	2.5
25	3.65	0.001941489	2.5
30	2.88	0.001531915	2.5
35	-3.77	0.002005319	2.5
Max. Deviation (ppm)	<b>6.21</b>	<b>0.003303191</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.56	0.001361702	2.5
4	5.03	0.002675532	2.5
4.2	-1.28	0.000680851	2.5
Max. Deviation (ppm)	<b>5.03</b>	<b>0.002675532</b>	2.5

Test Mode:	LTE Band 2_CH18900_5M
------------	-----------------------

### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	5.54	0.002946809	2.5
5	2.69	0.001430851	2.5
10	-5.31	0.002824468	2.5
15	5.26	0.002797872	2.5
20	4.88	0.002595745	2.5
25	-4.69	0.002494681	2.5
30	-3.99	0.00212234	2.5
35	2.78	0.001478723	2.5
Max. Deviation (ppm)	<b>5.54</b>	<b>0.002946809</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	5.56	0.002957447	2.5
4	-2.69	0.001430851	2.5
4.2	2.87	0.001526596	2.5
Max. Deviation (ppm)	<b>5.56</b>	<b>0.002957447</b>	2.5

Test Mode:	LTE Band 2_CH18900_10M
------------	------------------------

### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.67	0.001952128	2.5
5	2.56	0.001361702	2.5
10	5.17	0.00275	2.5
15	-2.33	0.001239362	2.5
20	-3.52	0.00187234	2.5
25	4.69	0.002494681	2.5
30	-2.90	0.001542553	2.5
35	5.81	0.003090426	2.5
Max. Deviation (ppm)	5.81	0.003090426	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	-3.88	0.00206383	2.5
4	-4.37	0.002324468	2.5
4.2	5.24	0.002787234	2.5
Max. Deviation (ppm)	5.24	0.002787234	2.5

Test Mode:	LTE Band 2_CH18900_15M
------------	------------------------

### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
0	3.37	0.001792553	2.5
5	4.08	0.002170213	2.5
10	5.60	0.002978723	2.5
15	-5.98	0.003180851	2.5
20	-2.37	0.001260638	2.5
25	1.92	0.001021277	2.5
30	2.33	0.001239362	2.5
35	1.87	0.000994681	2.5
Max. Deviation (ppm)	5.98	0.003180851	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	6.31	0.003356383	2.5
4	1.88	0.001000000	2.5
4.2	3.62	0.001925532	2.5
Max. Deviation (ppm)	6.31	0.003356383	2.5

Test Mode:	LTE Band 2_CH18900_20M
------------	------------------------

### Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	-2.58	0.00137234	2.5
-20	-3.66	0.001946809	2.5
-10	4.21	0.002239362	2.5
0	1.84	0.000978723	2.5
10	5.90	0.003138298	2.5
20	6.01	0.003196809	2.5
30	-1.83	0.000973404	2.5
40	3.01	0.001601064	2.5
Max. Deviation (ppm)	<b>6.01</b>	<b>0.003196809</b>	2.5

### Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
3.8	2.37	0.001260638	2.5
4	5.88	0.00312766	2.5
4.2	-3.59	0.001909574	2.5
Max. Deviation (ppm)	5.88	<b>0.00312766</b>	2.5