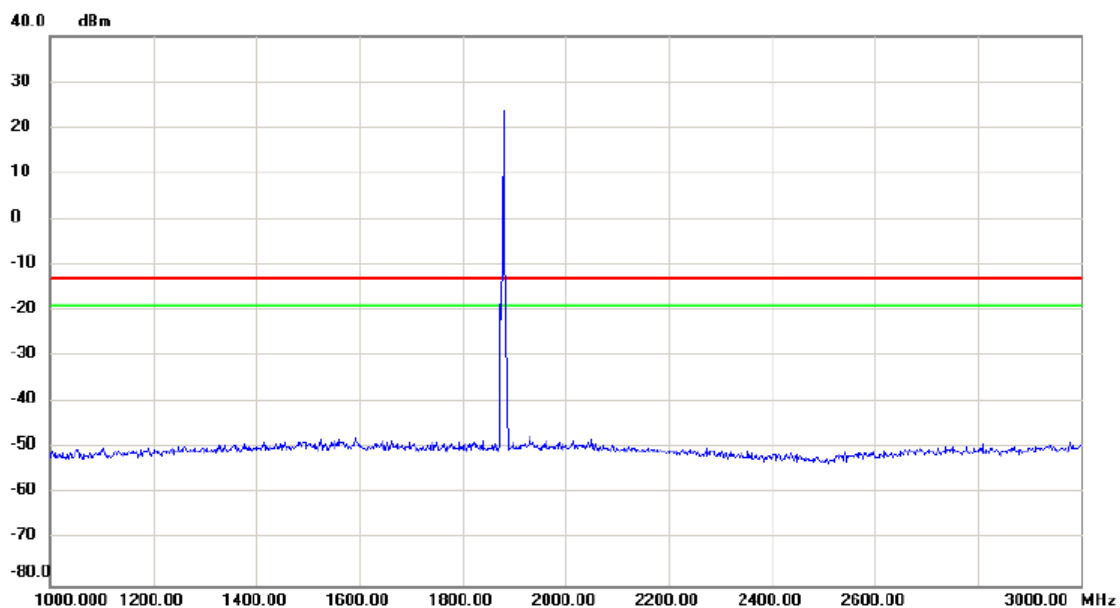


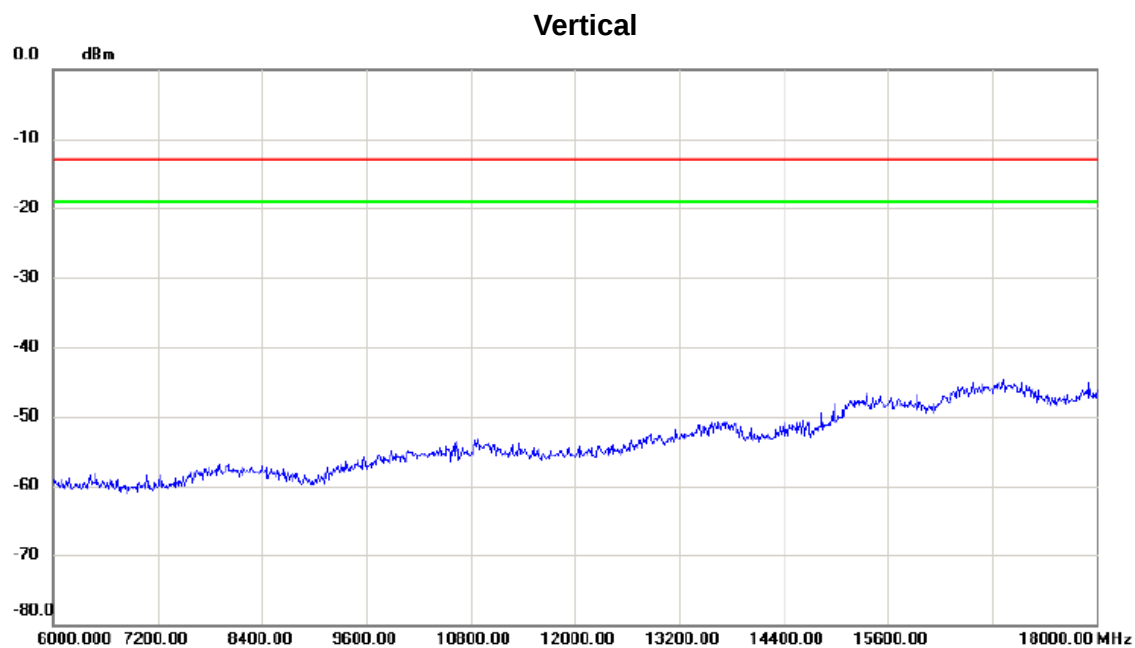
Test Mode:	DCS1900_TX CH661_EDGE
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Horizontal



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

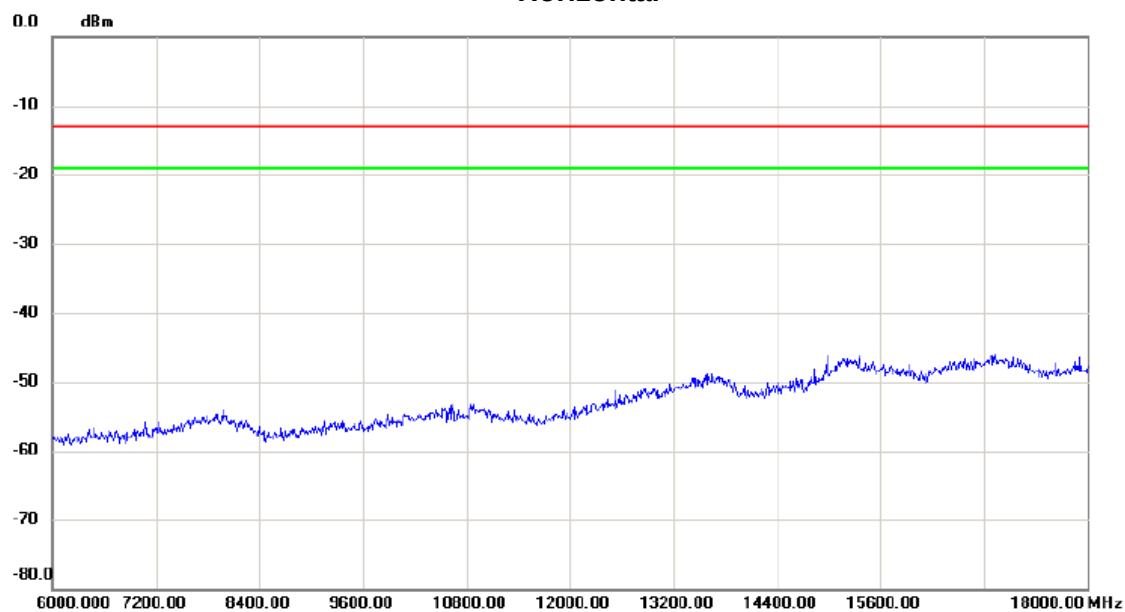
Test Mode: DCS1900_TX CH661_EDGE



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

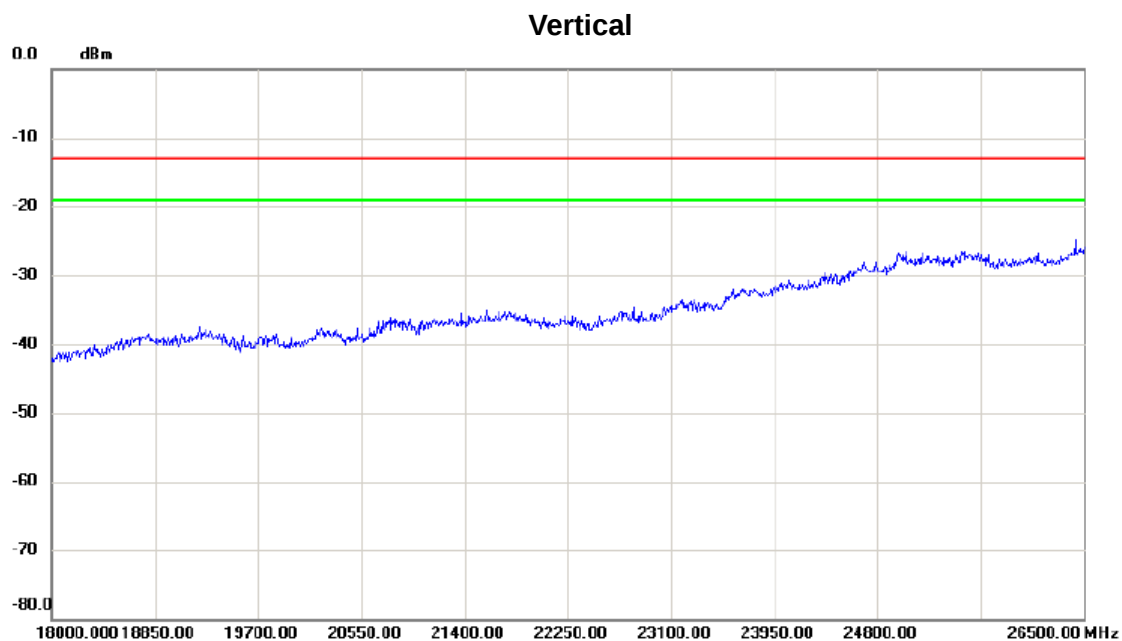
Test Mode:	DCS1900_TX CH661_EDGE
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Horizontal



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

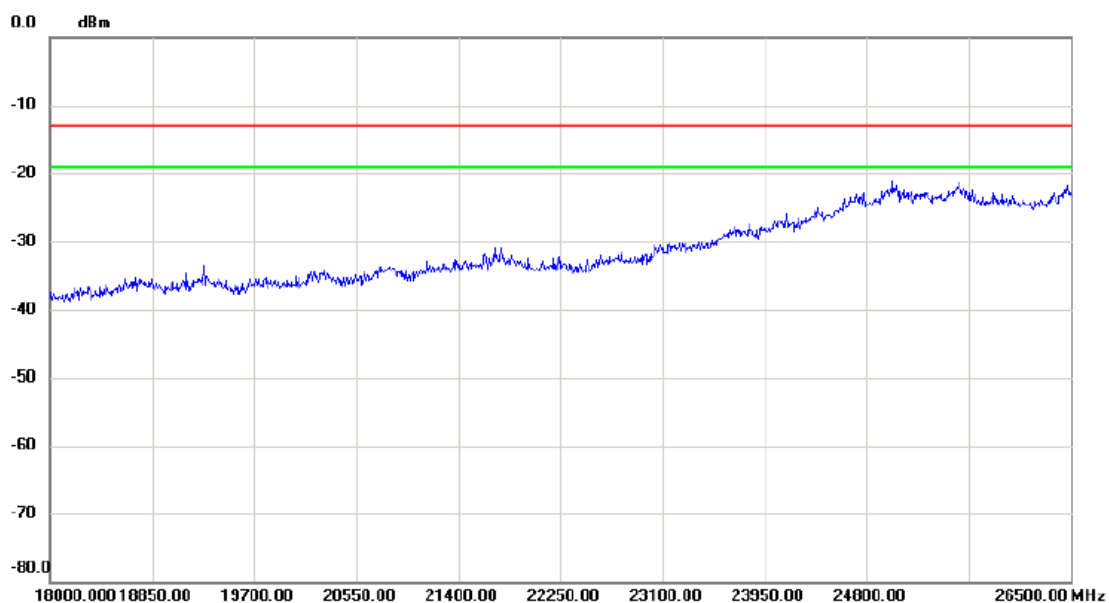
Test Mode:	DCS1900_TX CH661_EDGE
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

Test Mode:	DCS1900_TX CH661_EDGE
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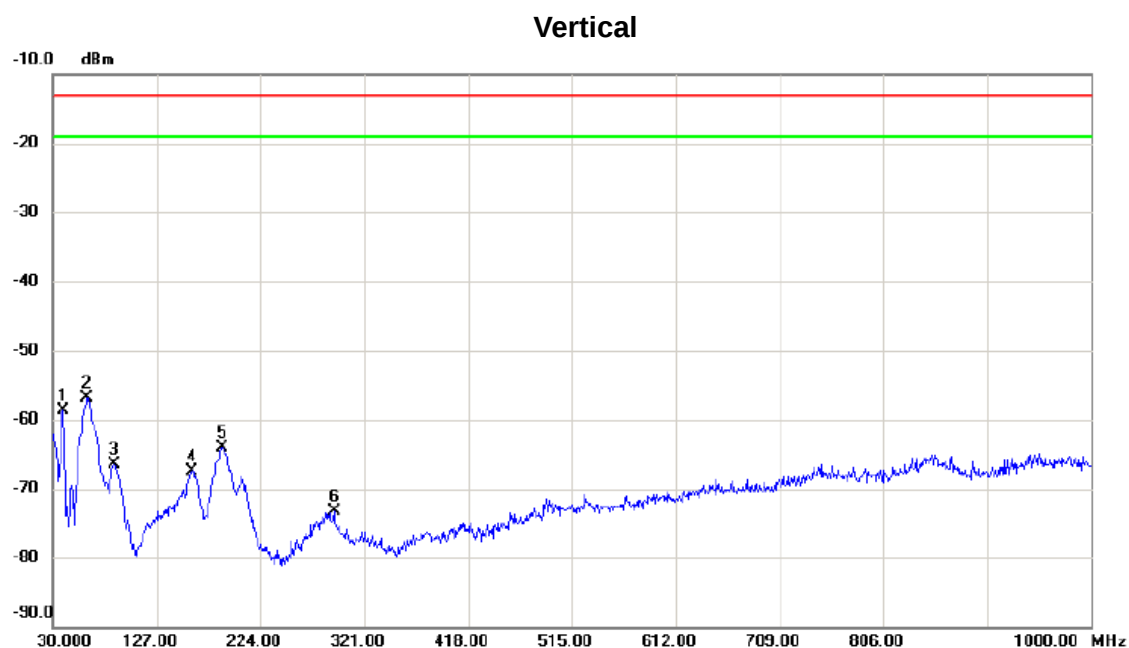
Horizontal



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

Test Mode:

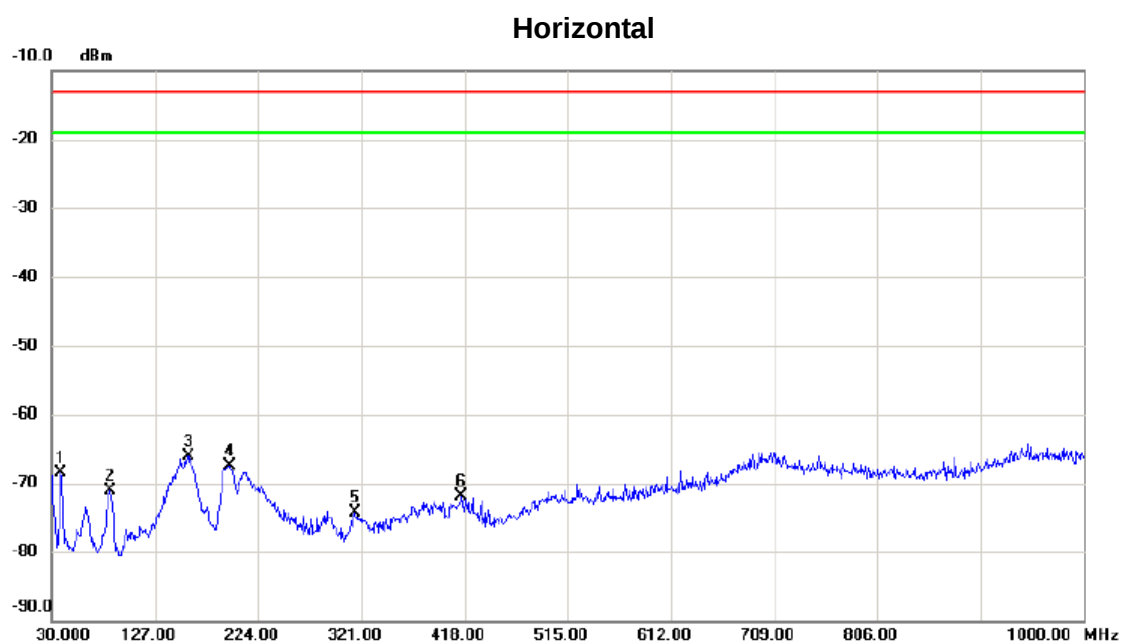
WCDMA Band 2_TX CH9400



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		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	

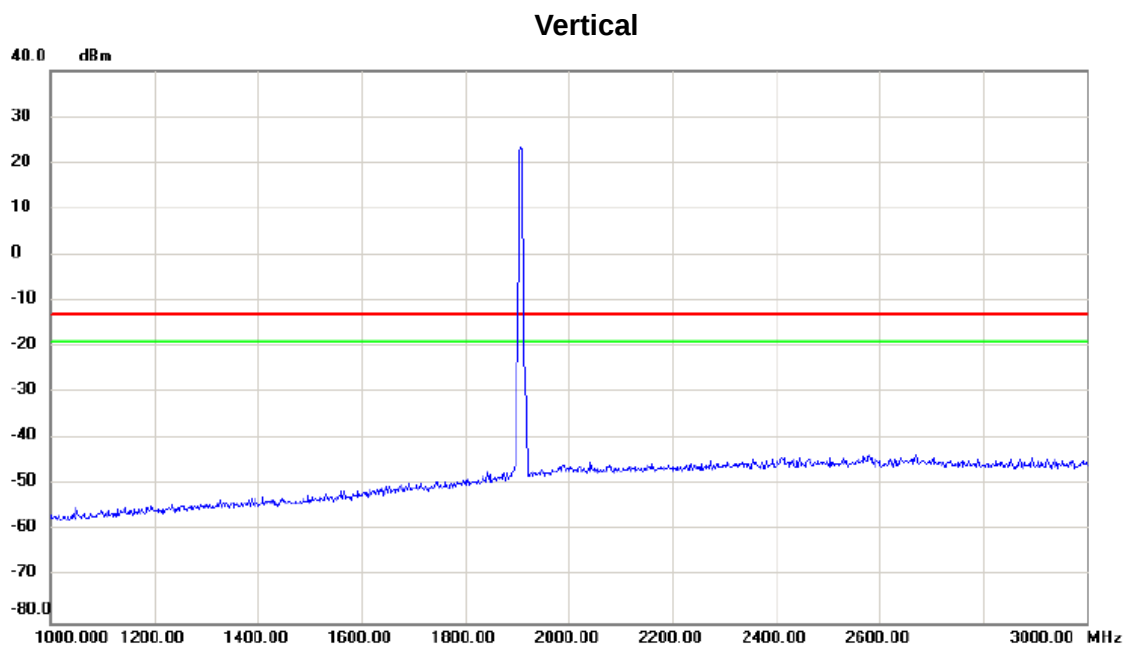
Test Mode:

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	

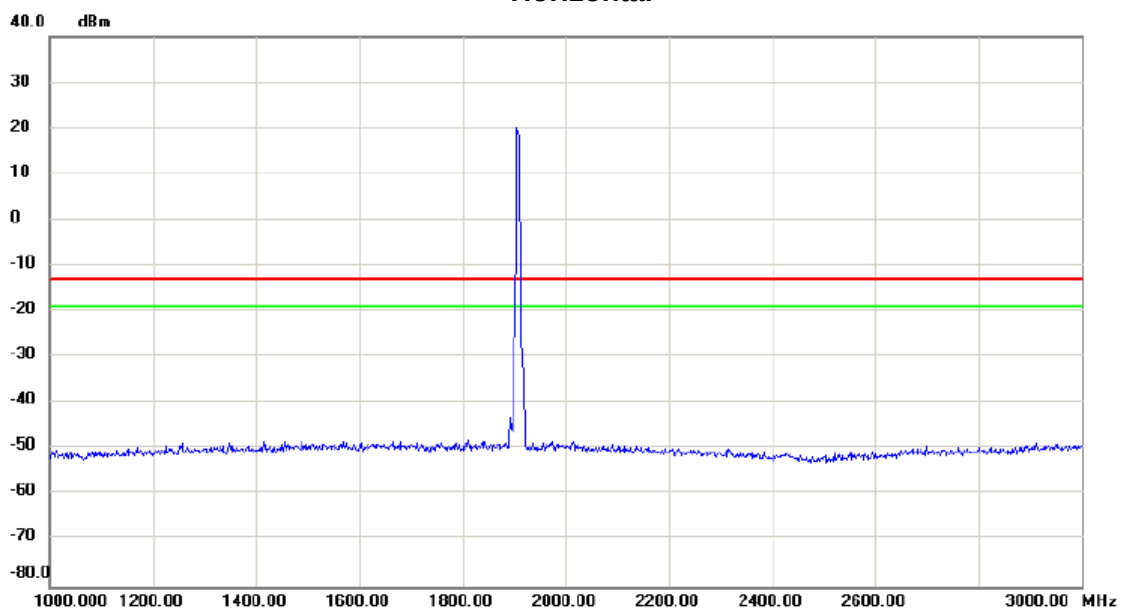
Test Mode: WCDMA Band 2_TX CH9400



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

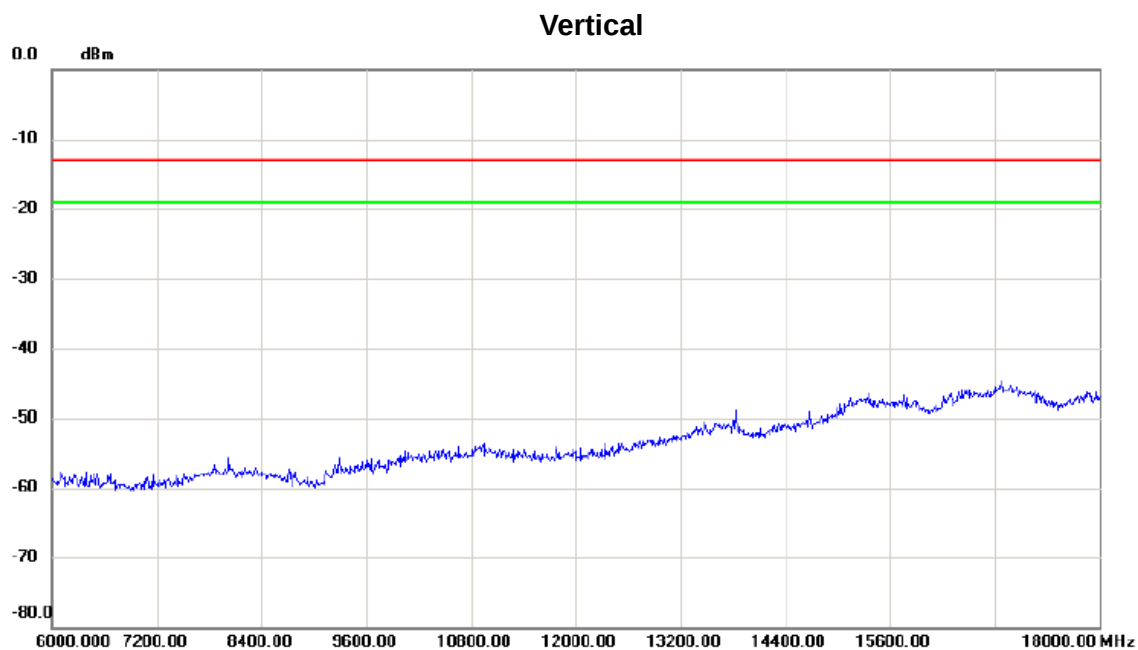
Test Mode: WCDMA Band 2_TX CH9400

Horizontal



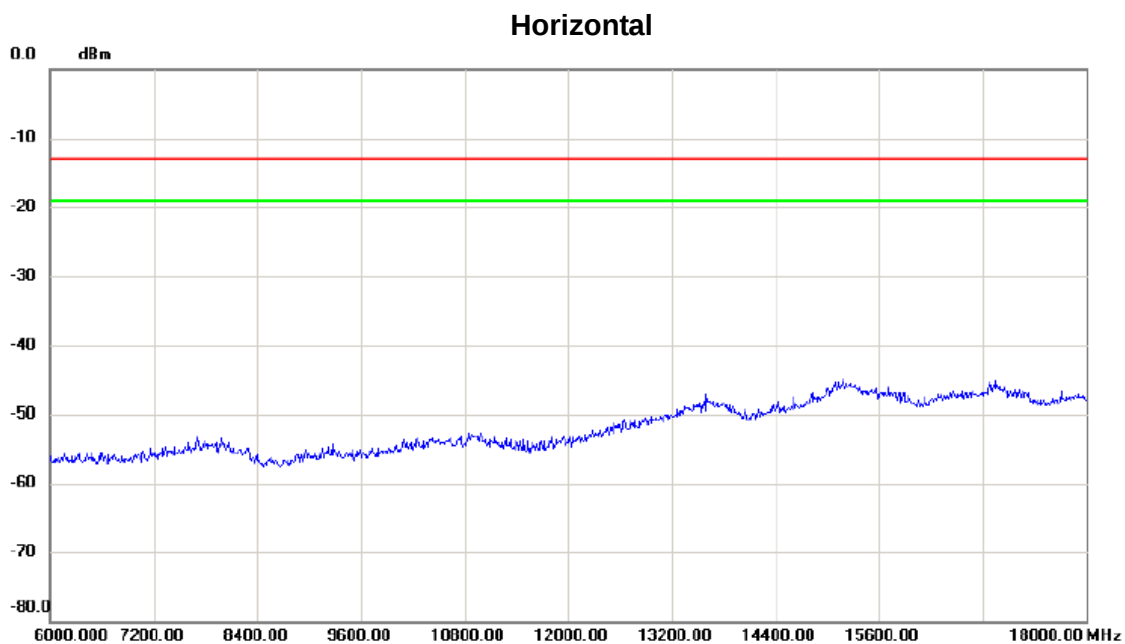
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

Test Mode: WCDMA Band 2_TX CH9400



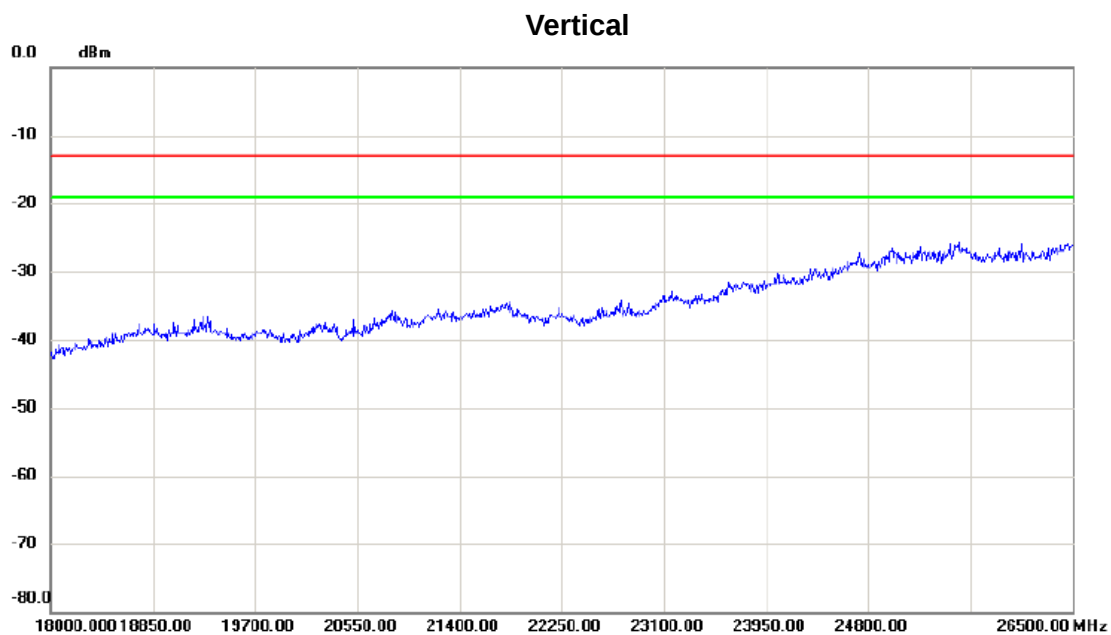
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

Test Mode:	WCDMA Band 2_TX CH9400
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

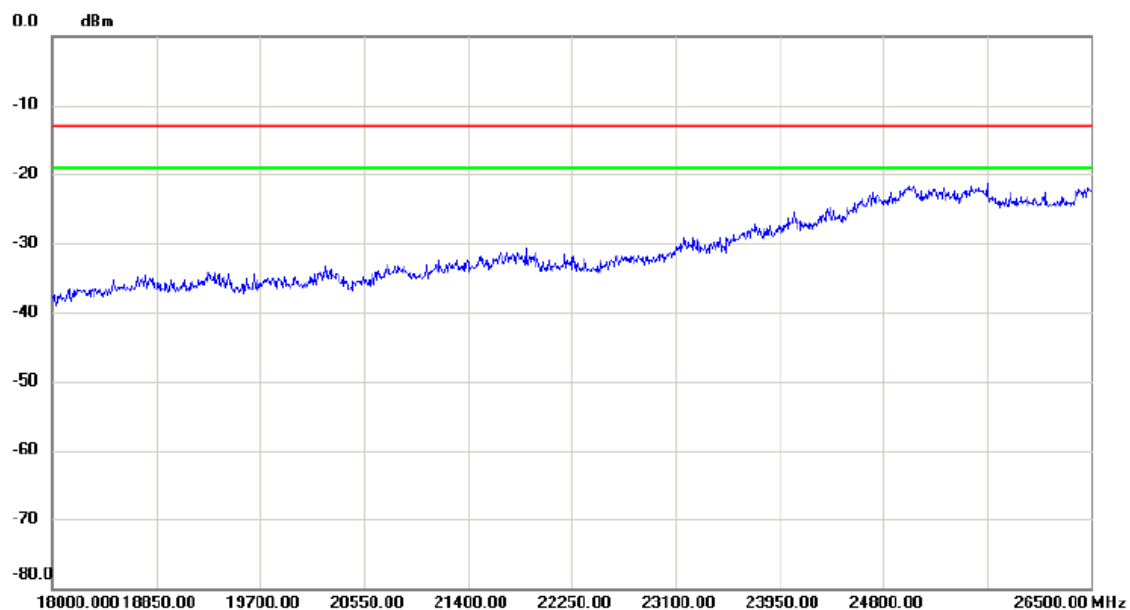
Test Mode:	WCDMA Band 2_TX CH9400
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

Test Mode: WCDMA Band 2_TX CH9400

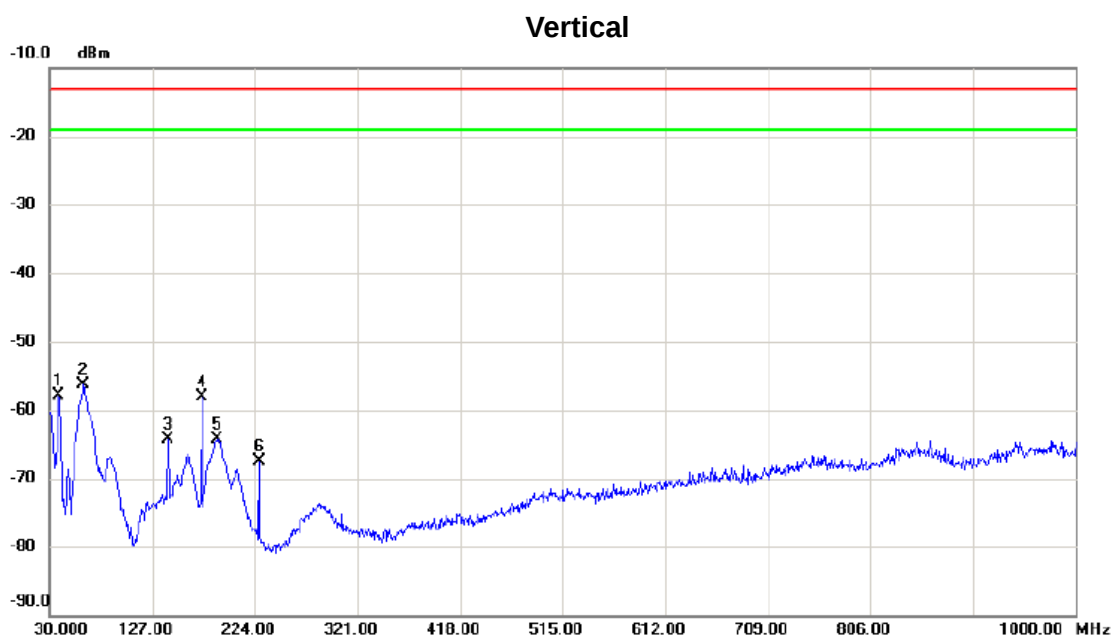
Horizontal



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

Test Mode:

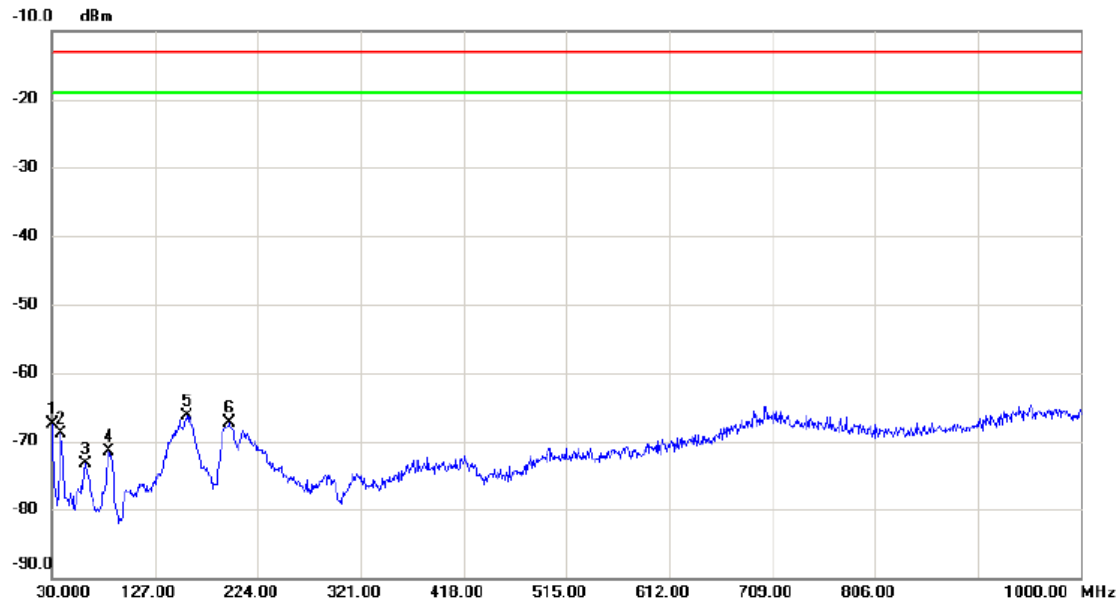
WCDMA Band 2_HSDPA_TX CH9400



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	

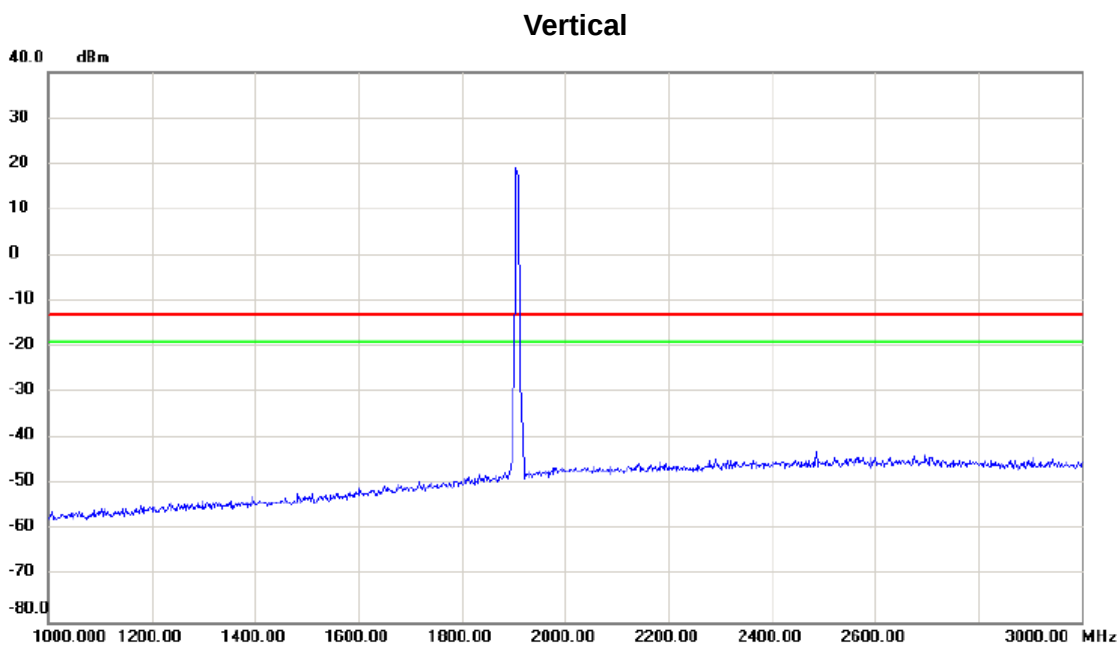
Test Mode: WCDMA Band 2_HSDPA_TX CH9400

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment 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	

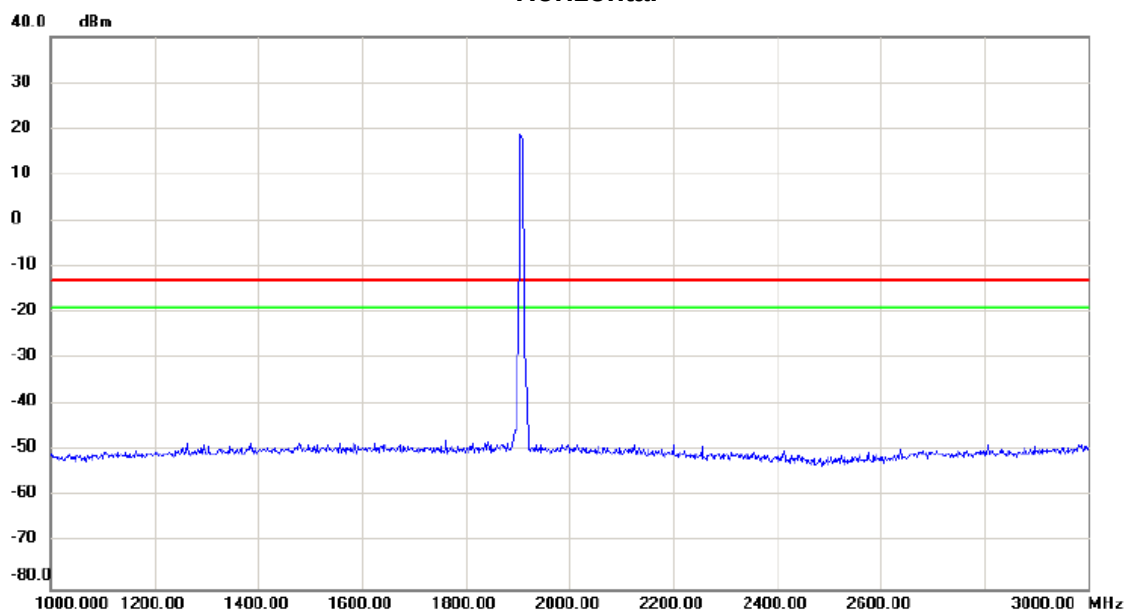
Test Mode:	WCDMA Band 2_HSDPA_TX CH9400
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

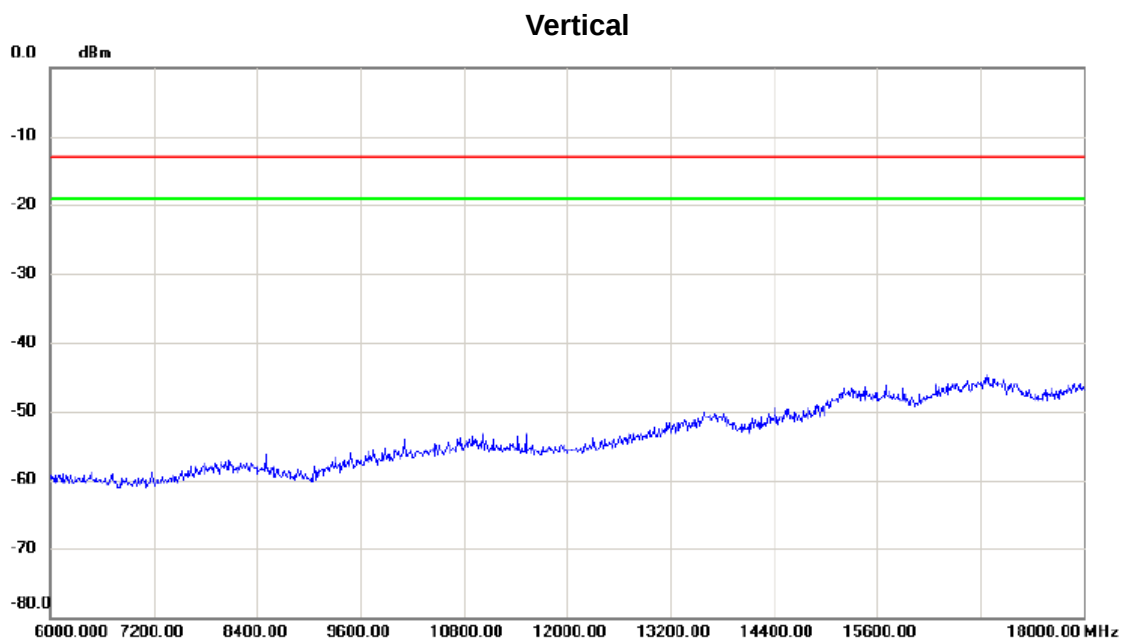
Test Mode: WCDMA Band 2_HSDPA_TX CH9400

Horizontal



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

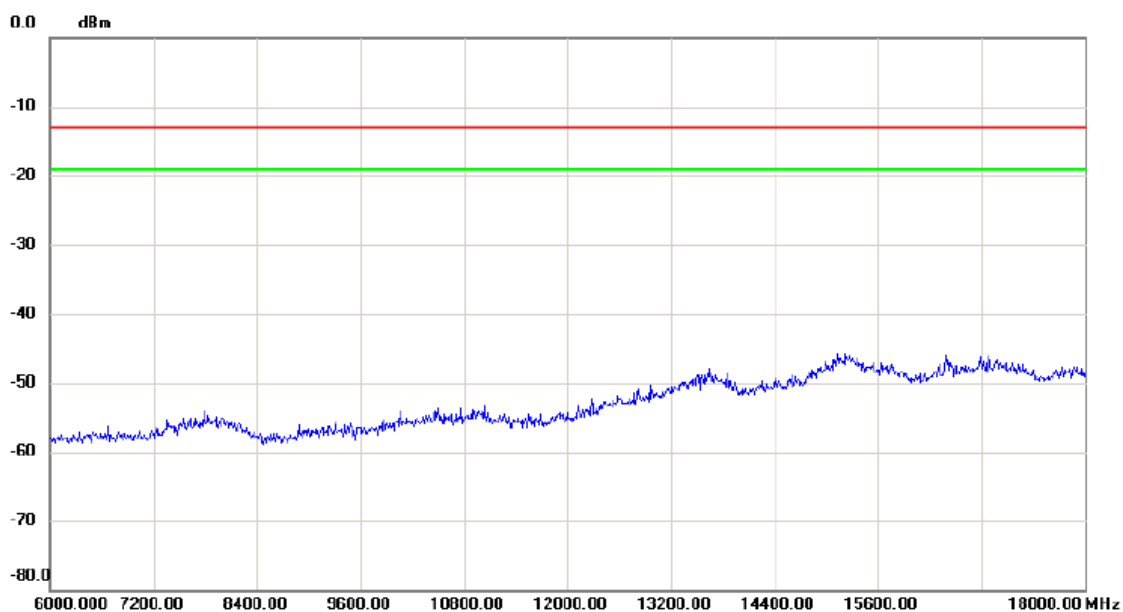
Test Mode: WCDMA Band 2_HSDPA_TX CH9400



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

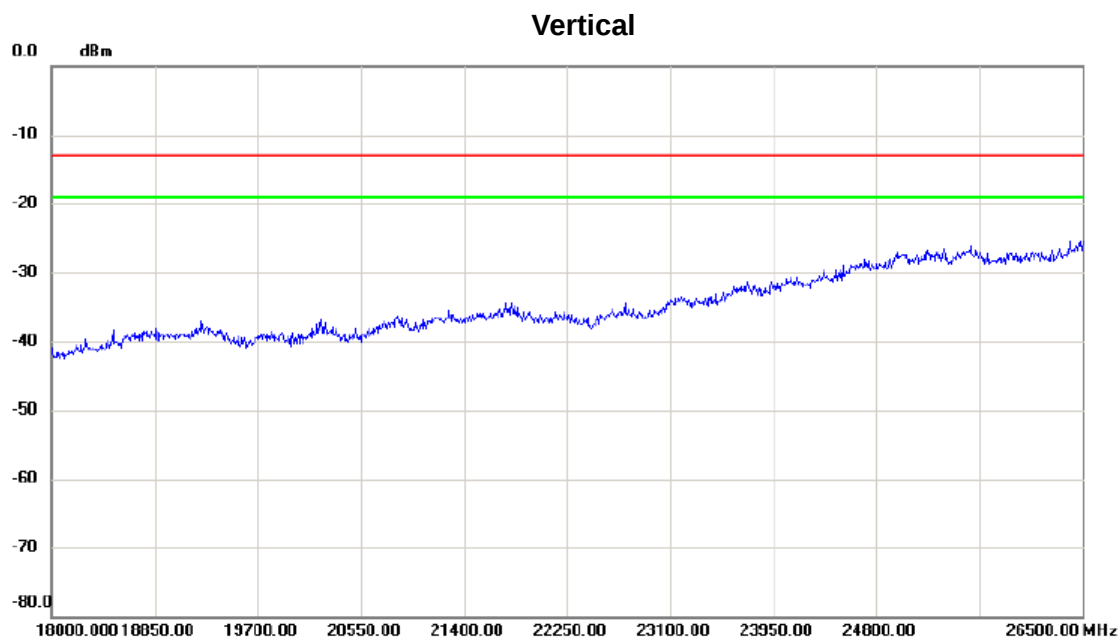
Test Mode:	WCDMA Band 2_HSDPA_TX CH9400
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Horizontal



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

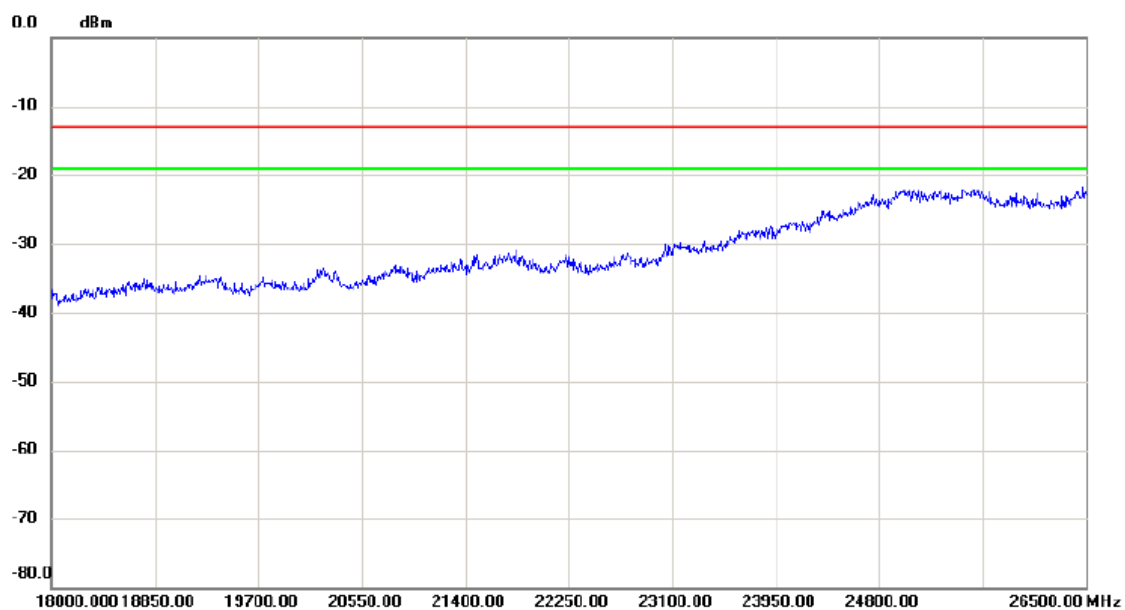
Test Mode: WCDMA Band 2_HSDPA_TX CH9400



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

Test Mode:	WCDMA Band 2_HSDPA_TX CH9400
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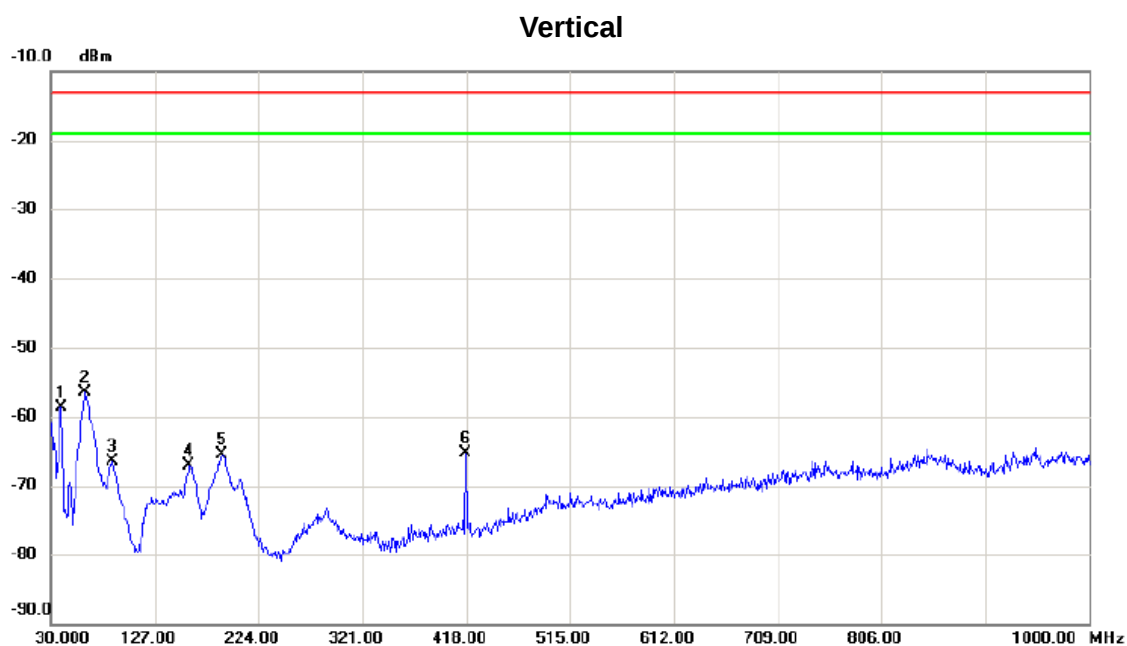
Horizontal



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

Test Mode:

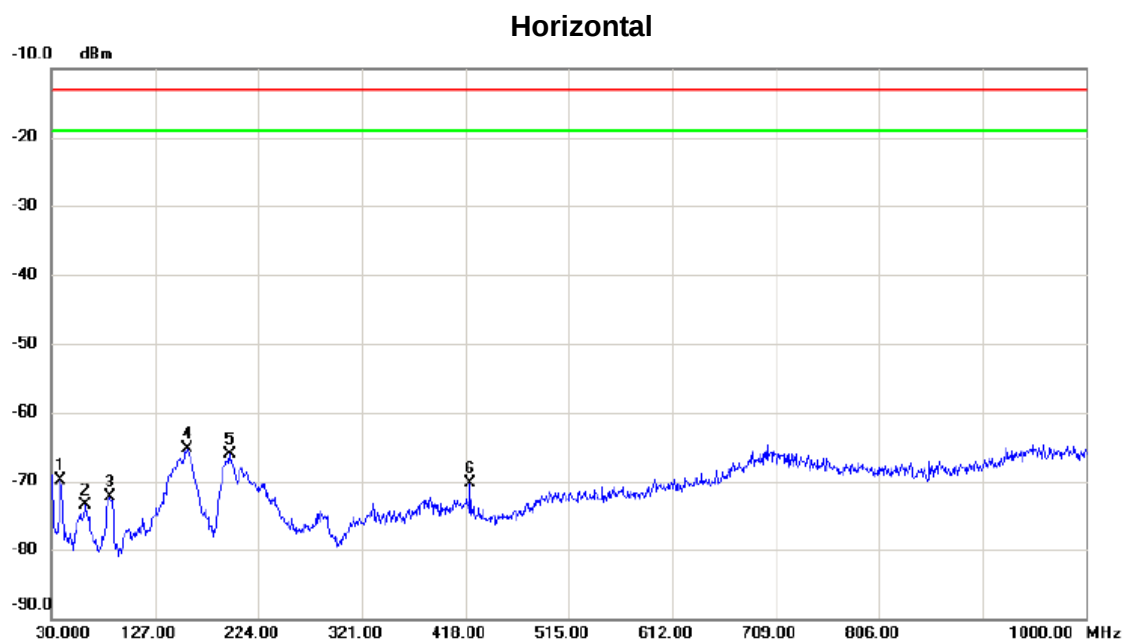
WCDMA Band 2_HSUPA_TX CH9400



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	

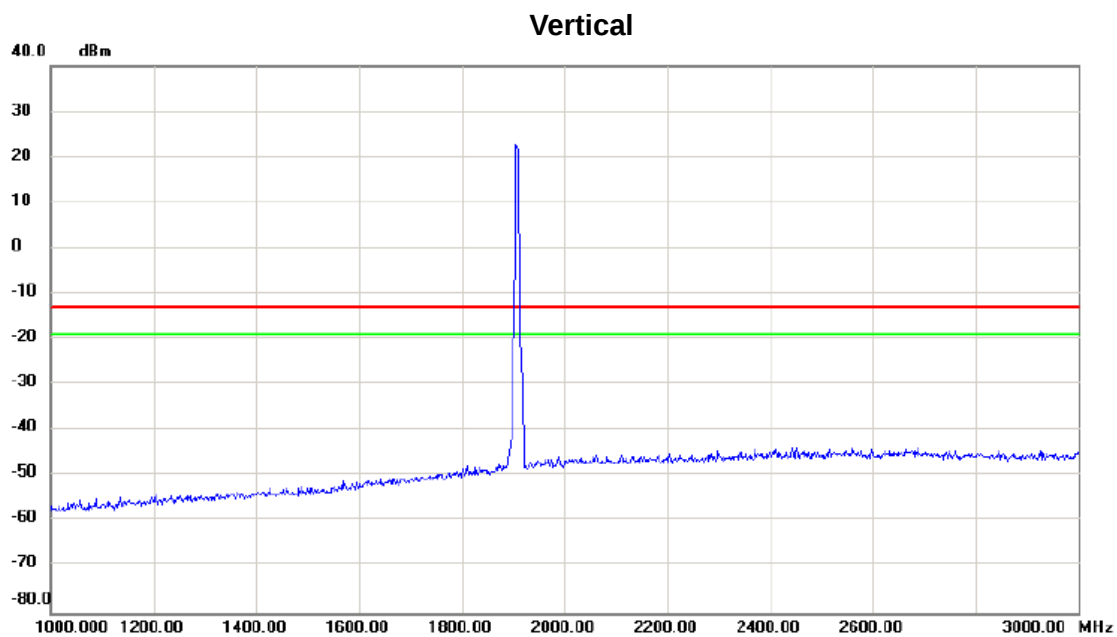
Test Mode:

WCDMA Band 2_HSUPA_TX CH9400



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	

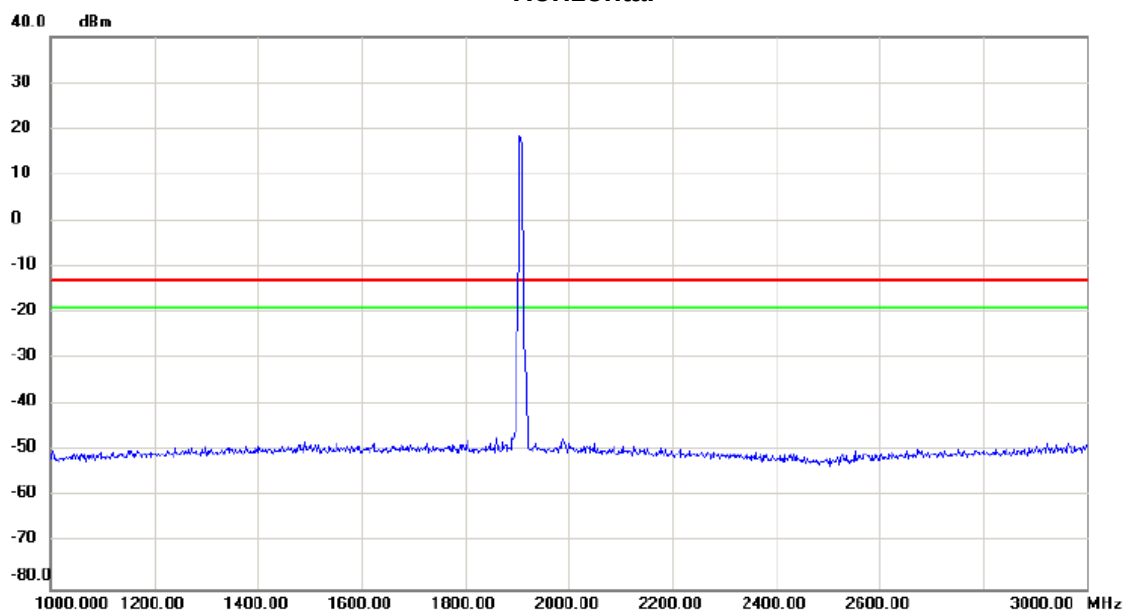
Test Mode:	WCDMA Band 2_HSUPA_TX CH9400
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

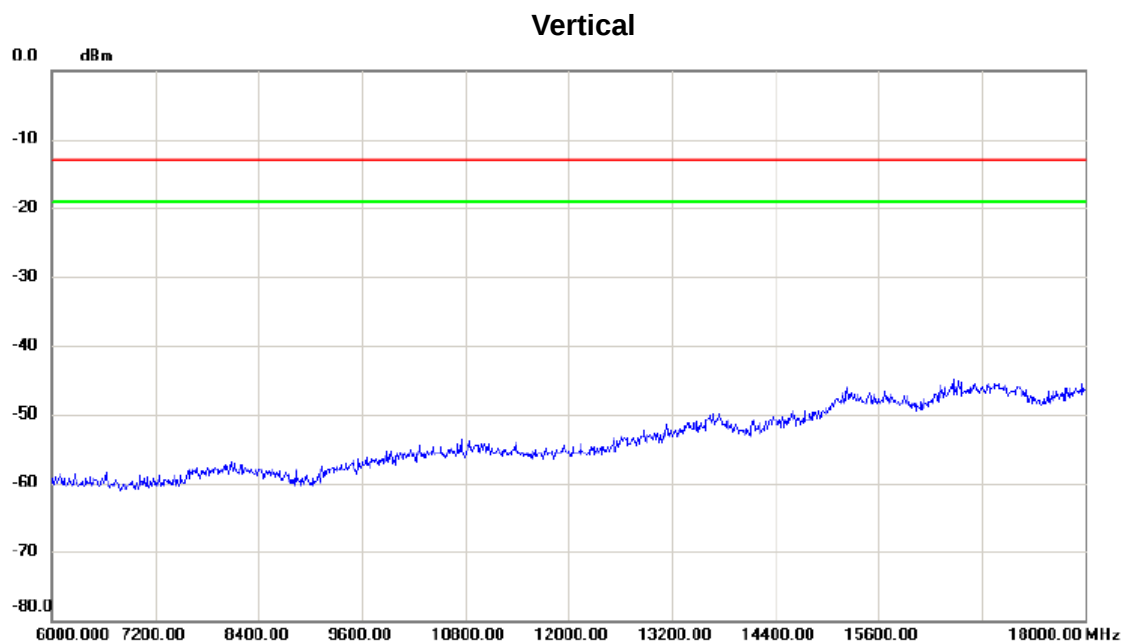
Test Mode: WCDMA Band 2_HSUPA_TX CH9400

Horizontal



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

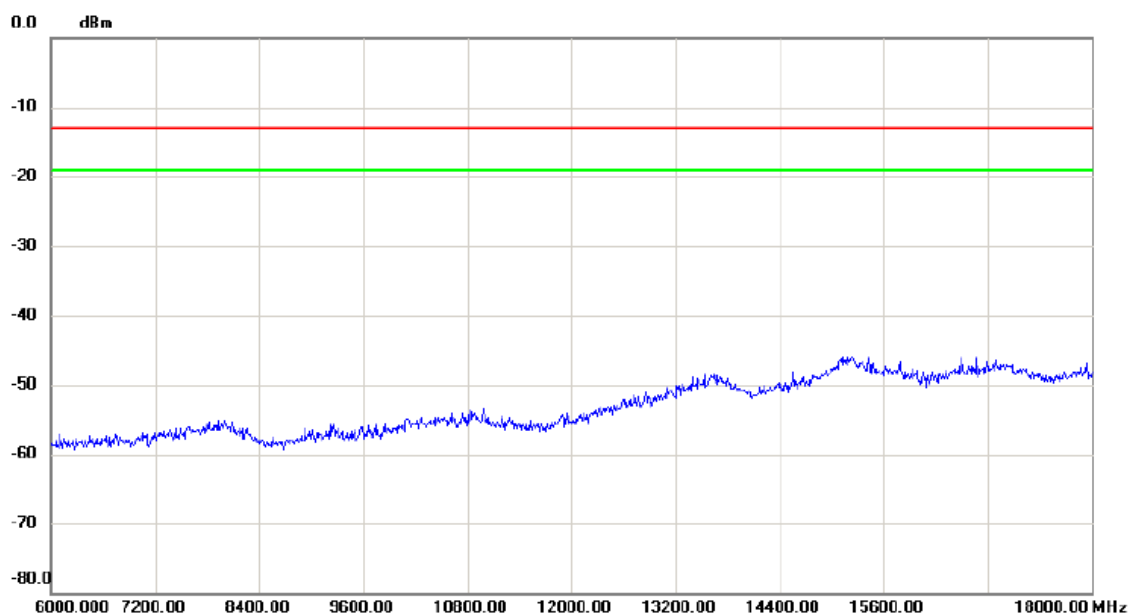
Test Mode:	WCDMA Band 2_HSUPA_TX CH9400
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

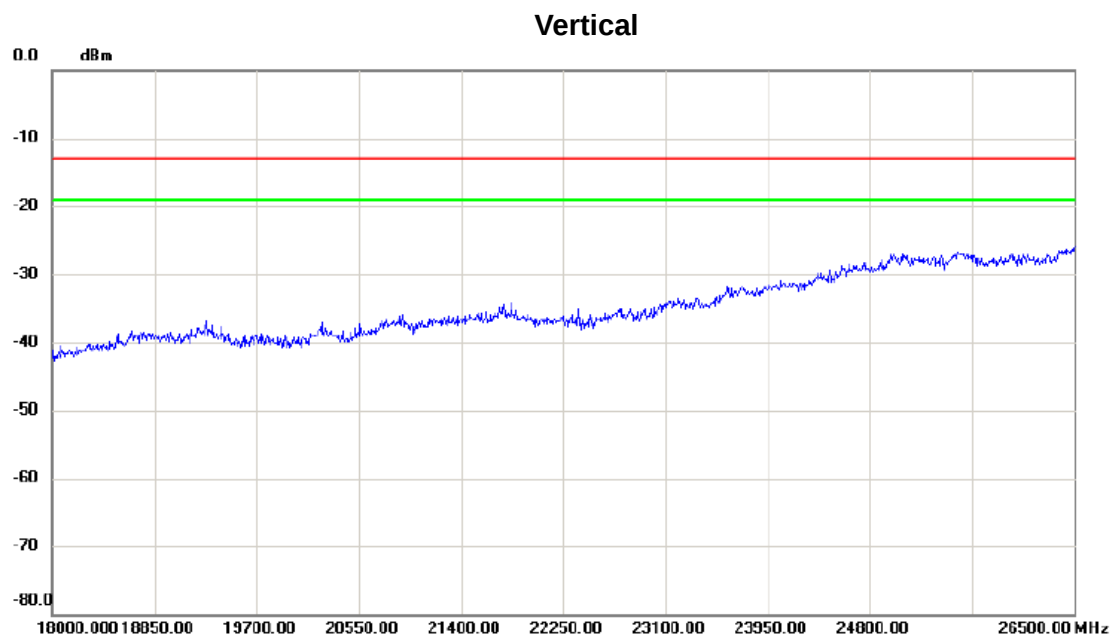
Test Mode:	WCDMA Band 2_HSUPA_TX CH9400
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Horizontal



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

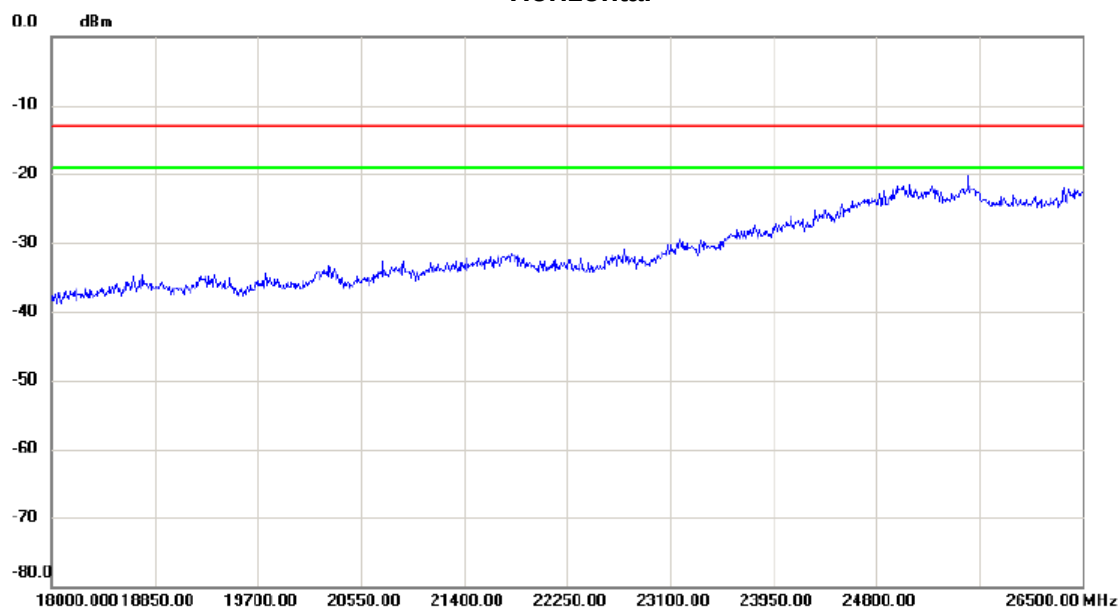
Test Mode:	WCDMA Band 2_HSUPA_TX CH9400
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

Test Mode:	WCDMA Band 2_HSUPA_TX CH9400
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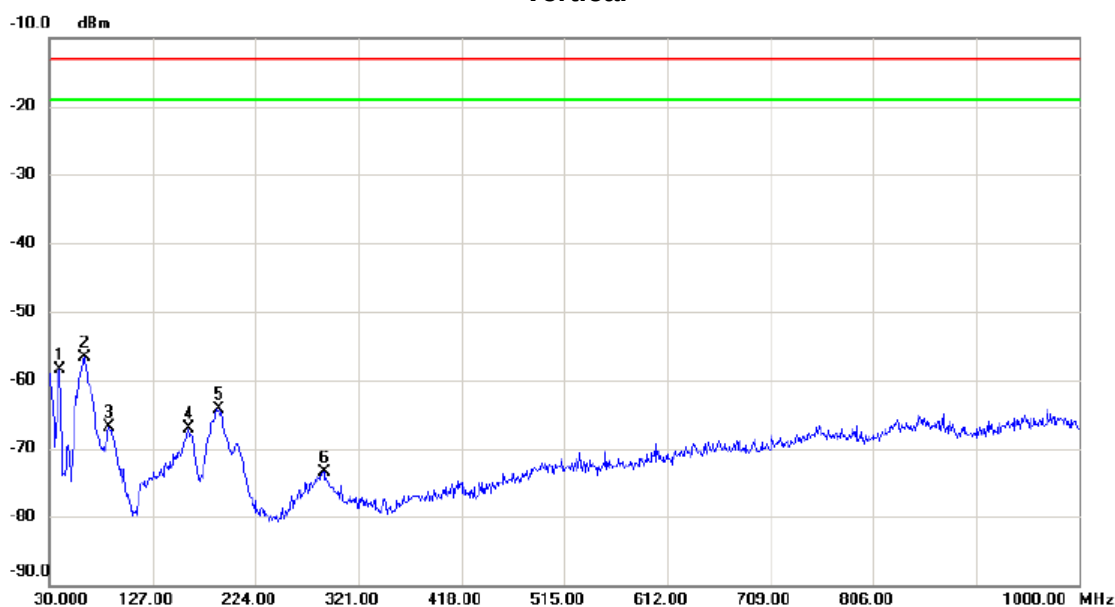
Horizontal



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

Test Mode: LTE Band 2_TX CH18900_1.4M

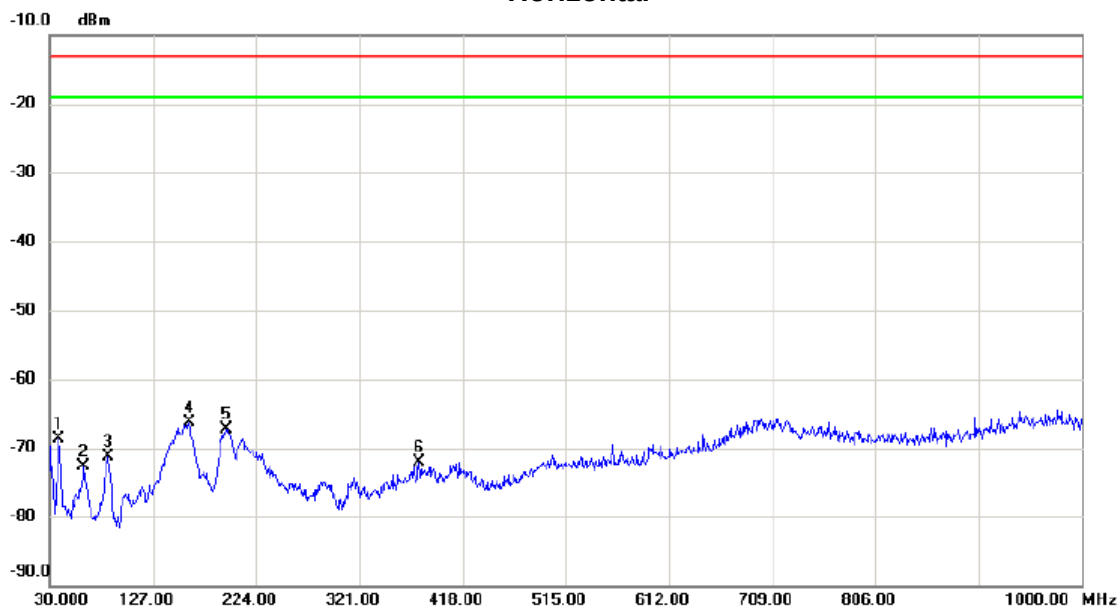
Vertical



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	

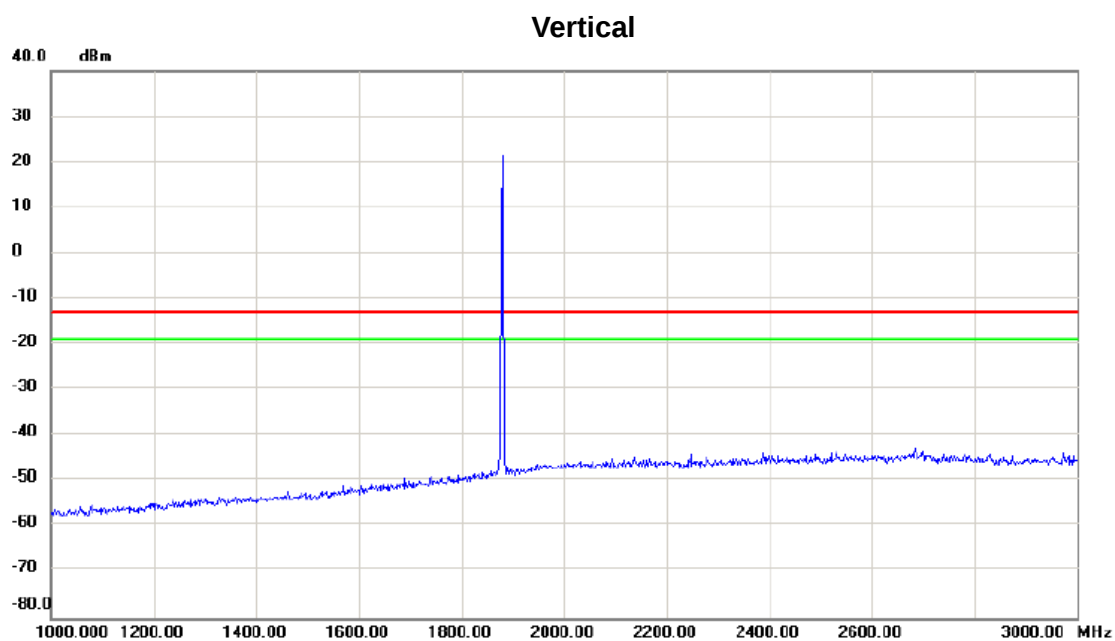
Test Mode: LTE Band 2_TX CH18900_1.4M

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	

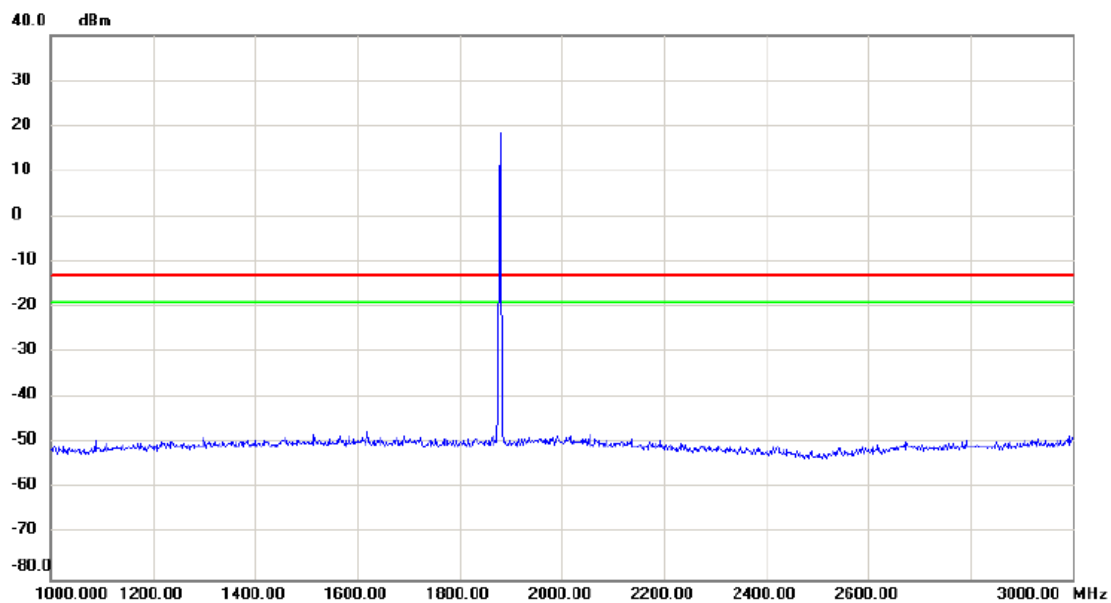
Test Mode:	LTE Band 2_TX CH18900_1.4M
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

Test Mode: LTE Band 2_TX CH18900_1.4M

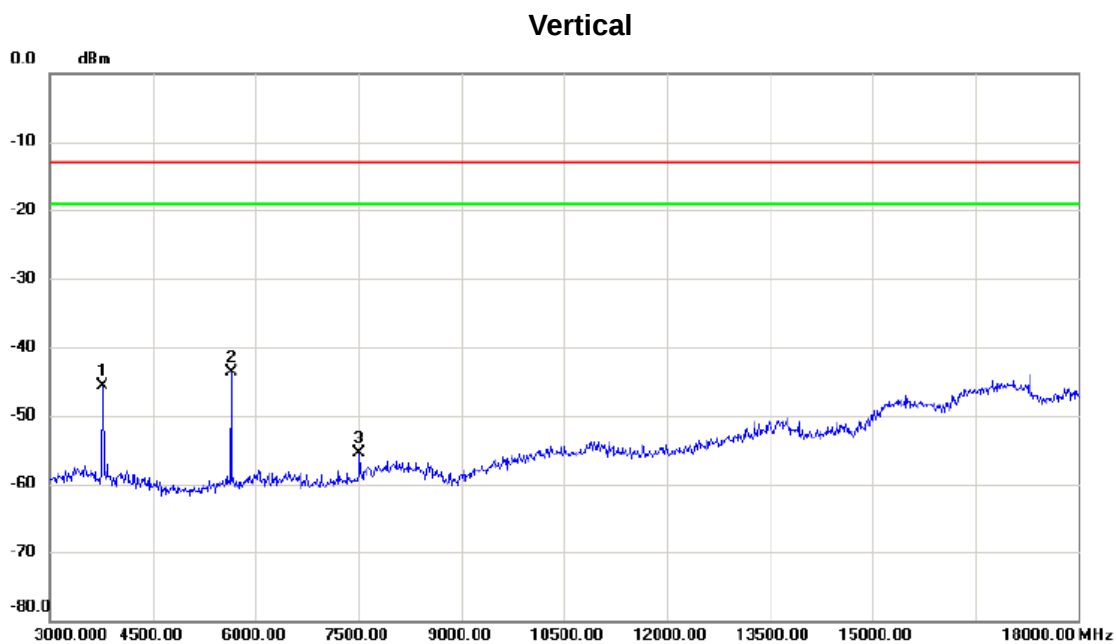
Horizontal



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

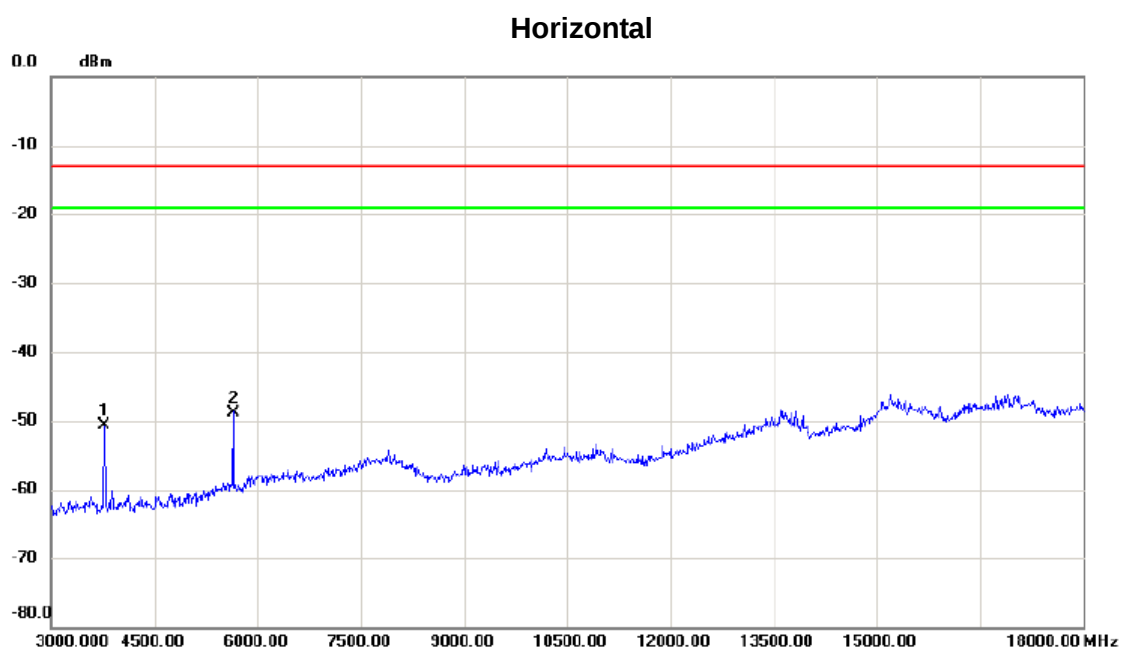
Test Mode:

LTE Band 2_TX CH18900_1.4M



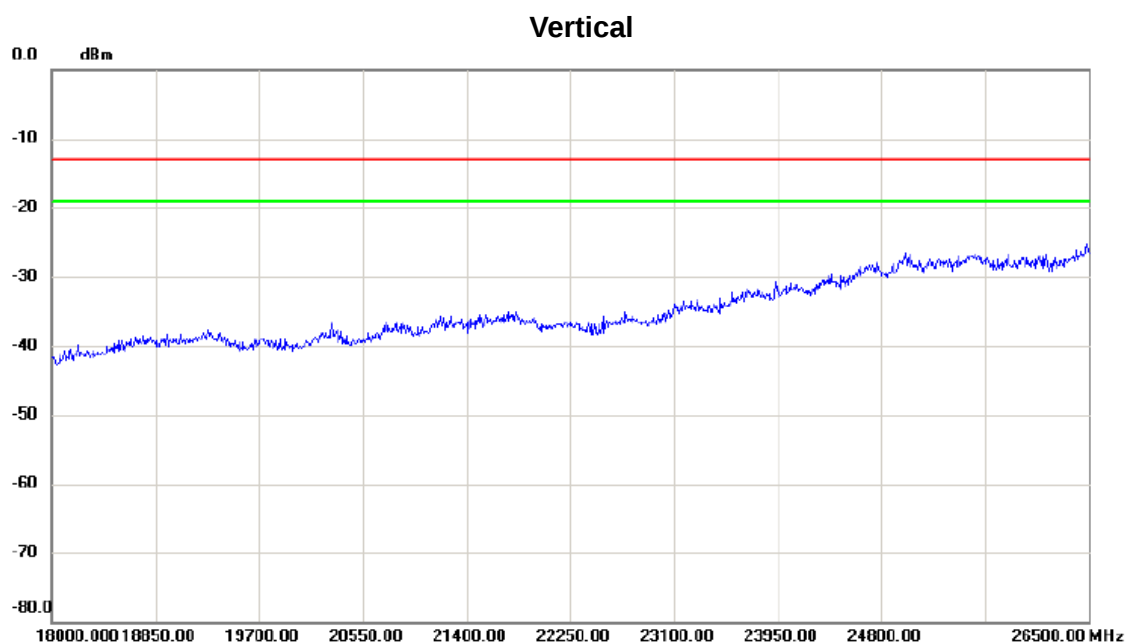
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3765.000	-60.12	14.51	-45.61	-13.00	-32.61	peak	
2	*	5640.000	-59.92	16.31	-43.61	-13.00	-30.61	peak	
3		7515.000	-73.49	17.92	-55.57	-13.00	-42.57	peak	

Test Mode:	LTE Band 2_TX CH18900_1.4M
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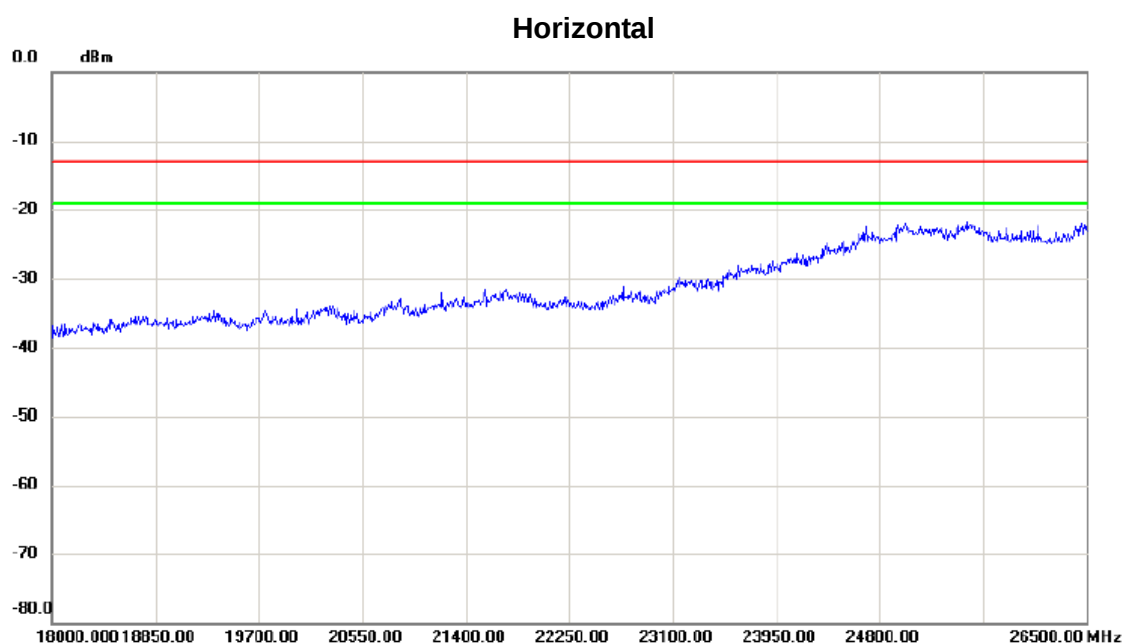
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3765.000	-62.10	11.36	-50.74	-13.00	-37.74	peak	
2	*	5640.000	-65.84	17.04	-48.80	-13.00	-35.80	peak	

Test Mode:	LTE Band 2_TX CH18900_1.4M
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

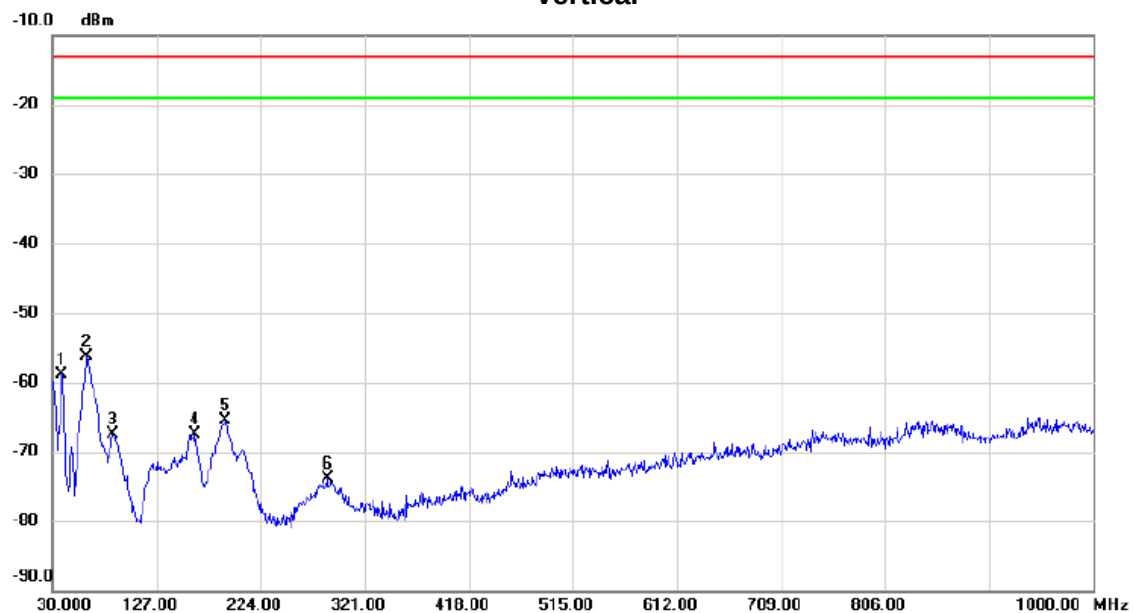
Test Mode:	LTE Band 2_TX CH18900_1.4M
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No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBm	dB	dBm	dBm	dB		

Test Mode: LTE Band 2_TX CH18900_20M

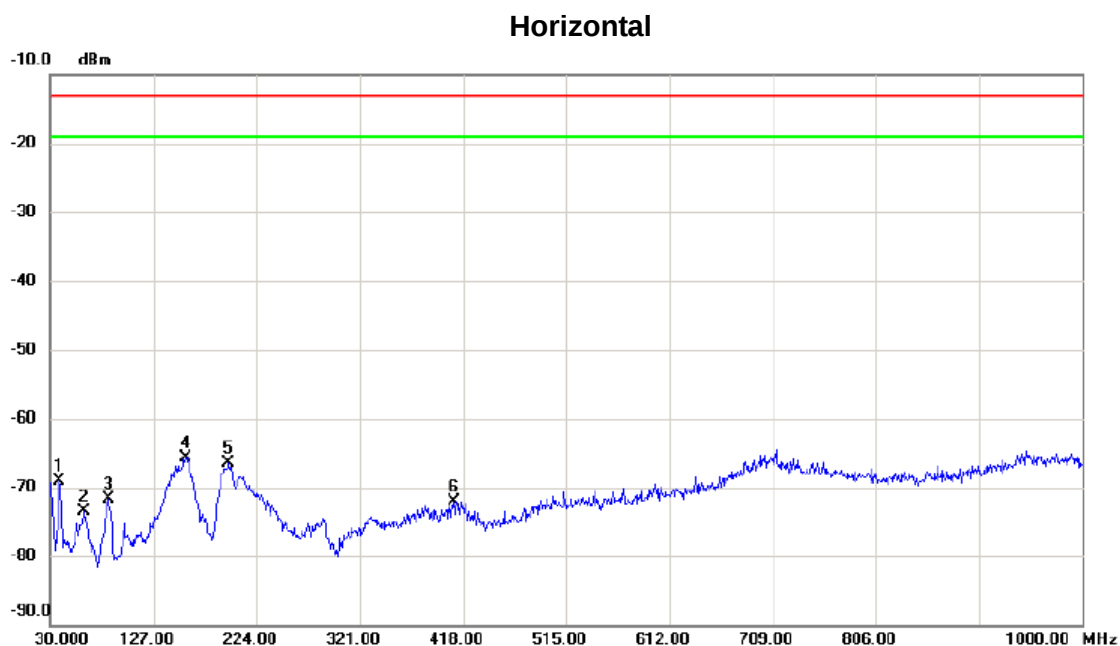
Vertical



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	

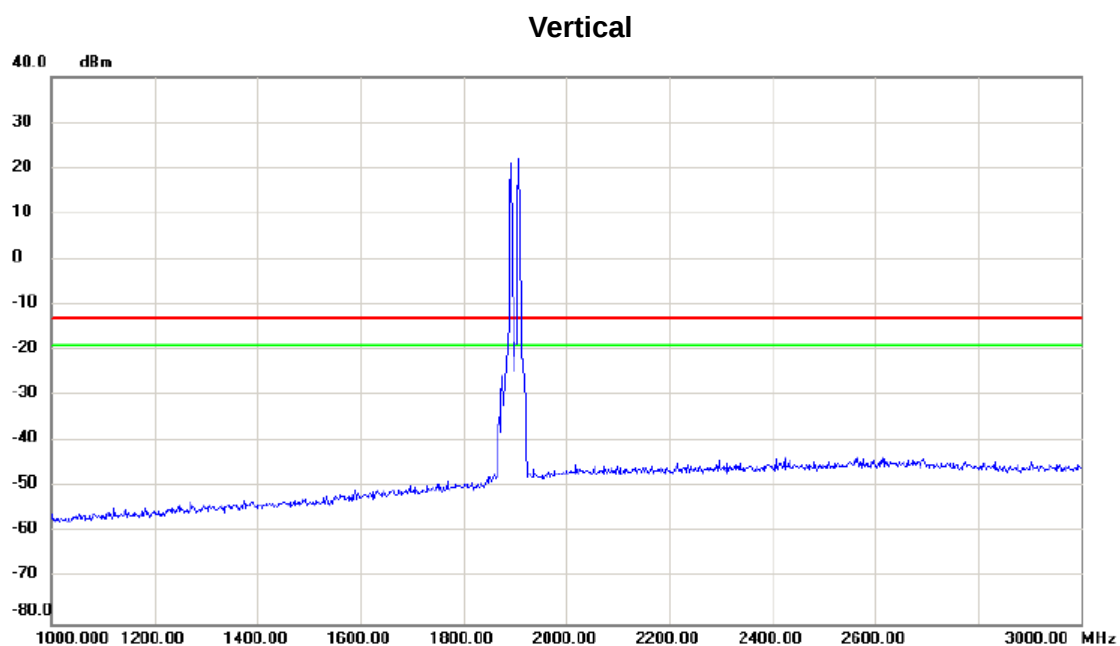
Test Mode:

LTE Band 2_TX CH18900_20M



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	

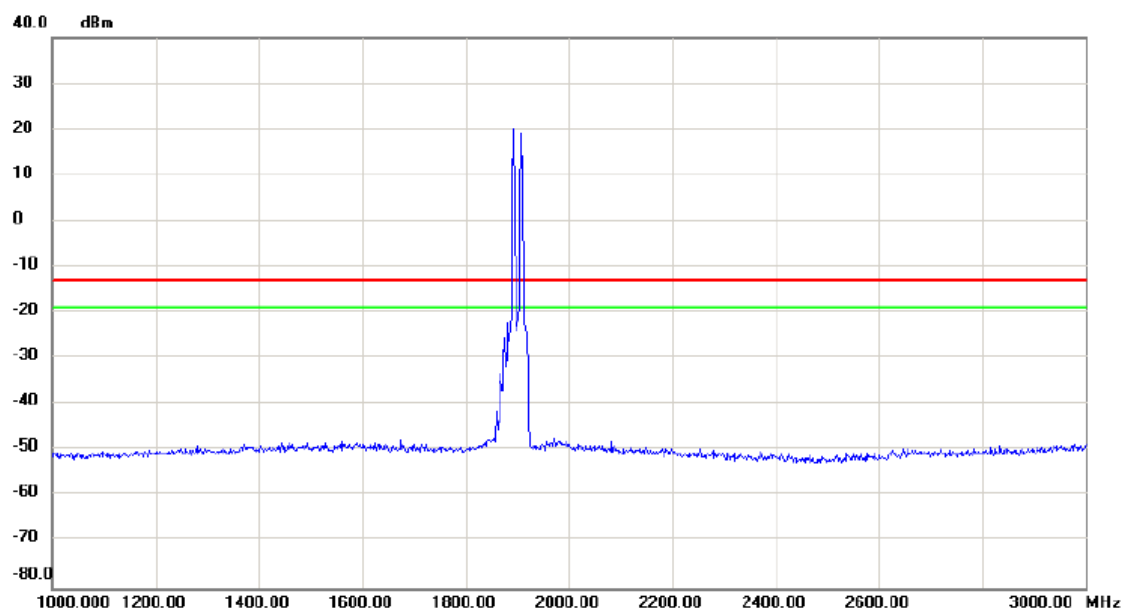
Test Mode:	LTE Band 2_TX CH18900_20M
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

Test Mode: LTE Band 2_TX CH18900_20M

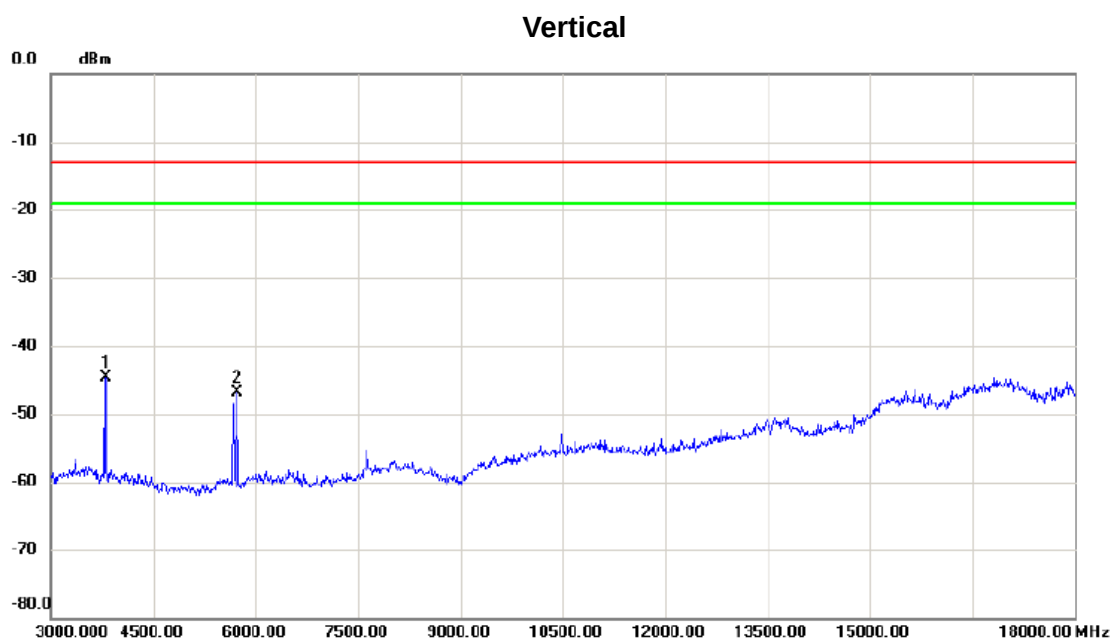
Horizontal



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

Test Mode:

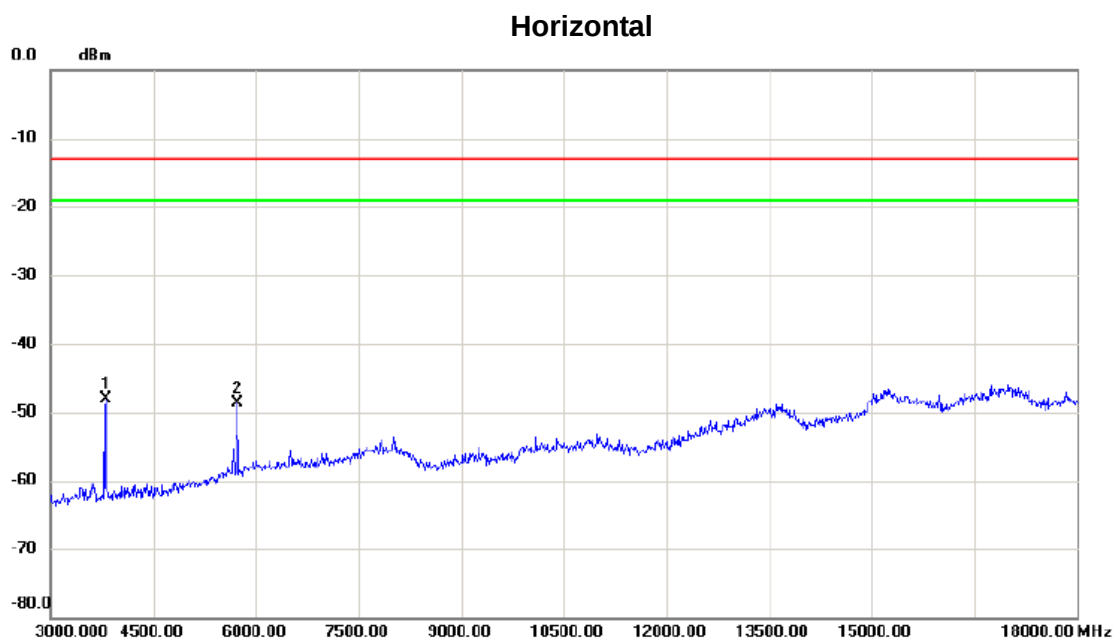
LTE Band 2_TX CH18900_20M



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

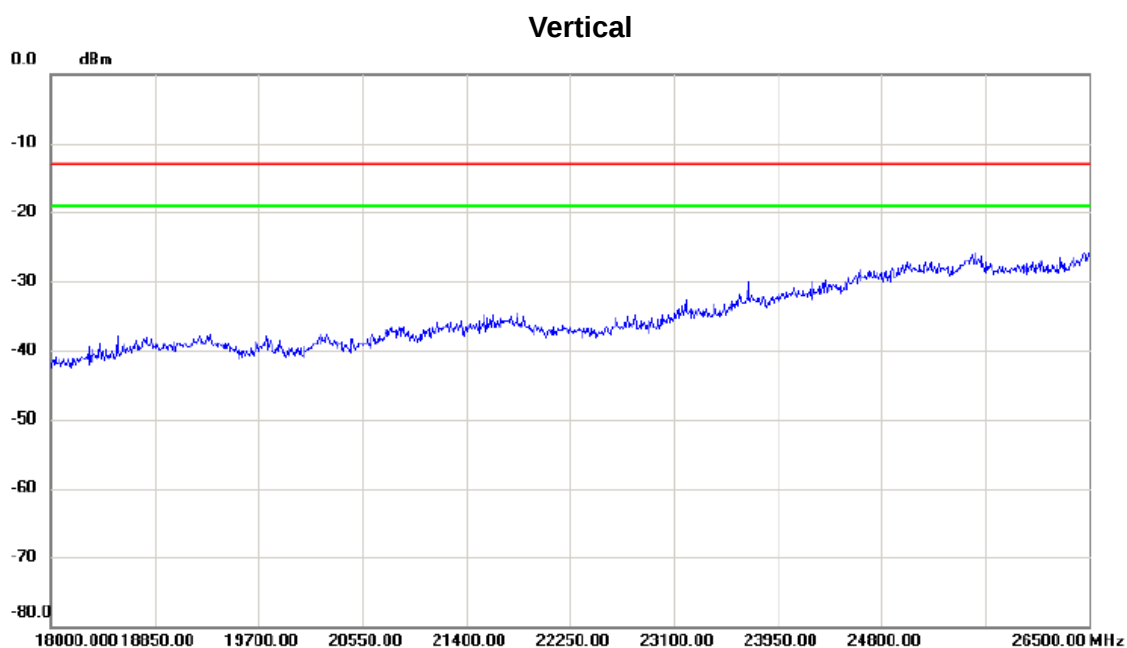
Test Mode:

LTE Band 2_TX CH18900_20M



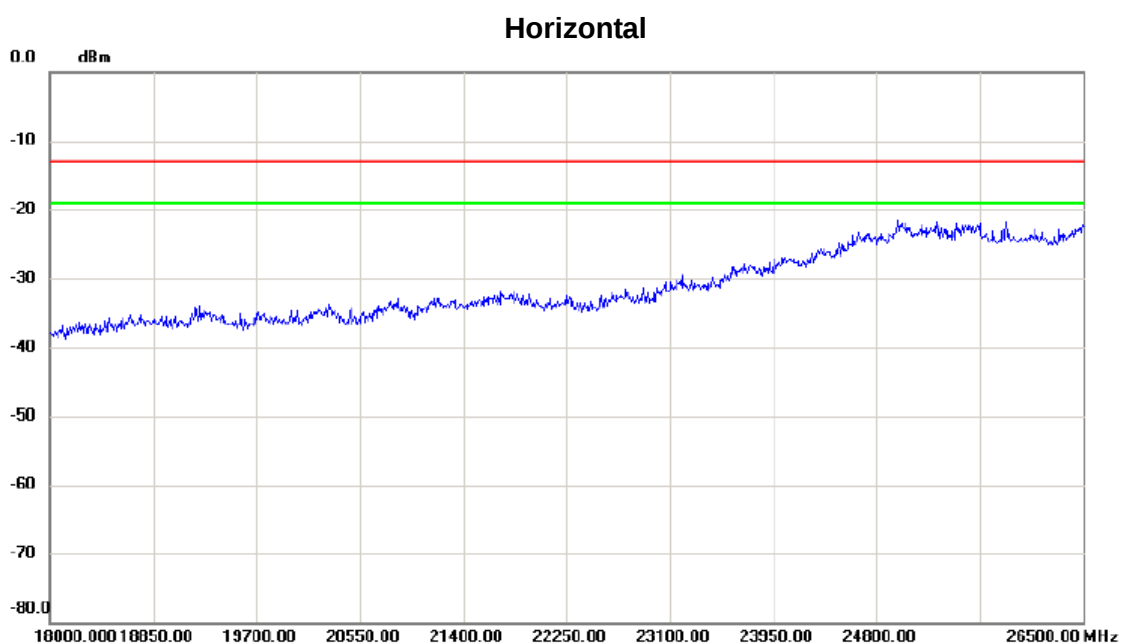
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3810.000	-59.54	11.48	-48.06	-13.00	-35.06	peak	
2		5730.000	-66.09	17.33	-48.76	-13.00	-35.76	peak	

Test Mode: LTE Band 2_TX CH18900_20M



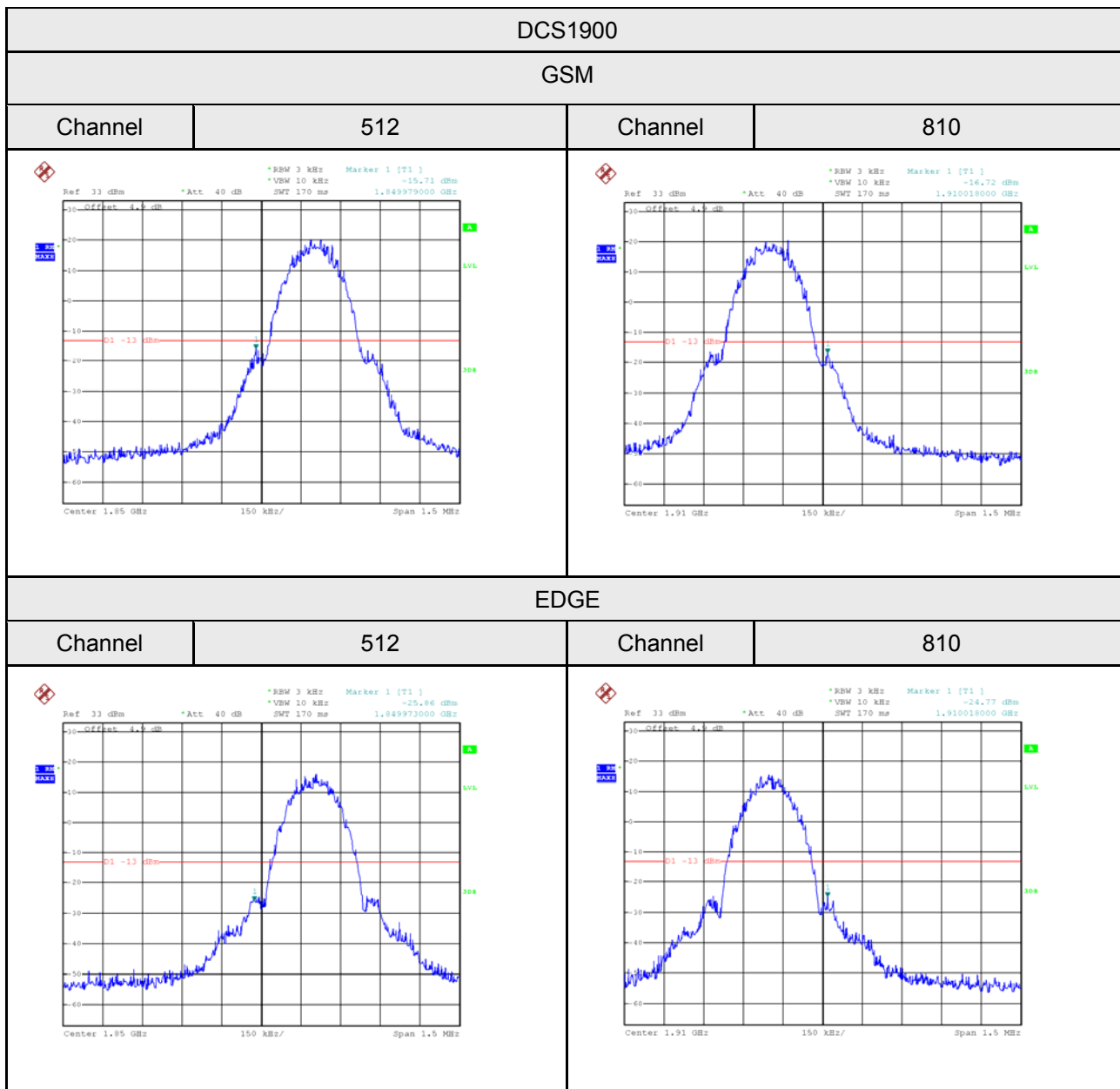
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

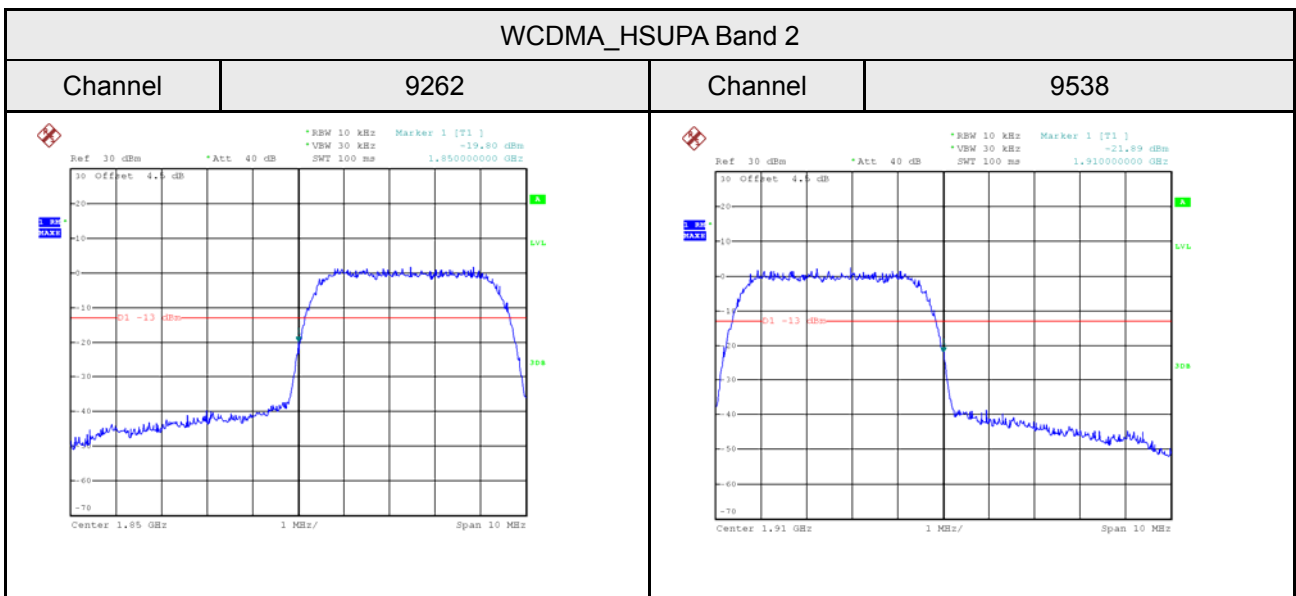
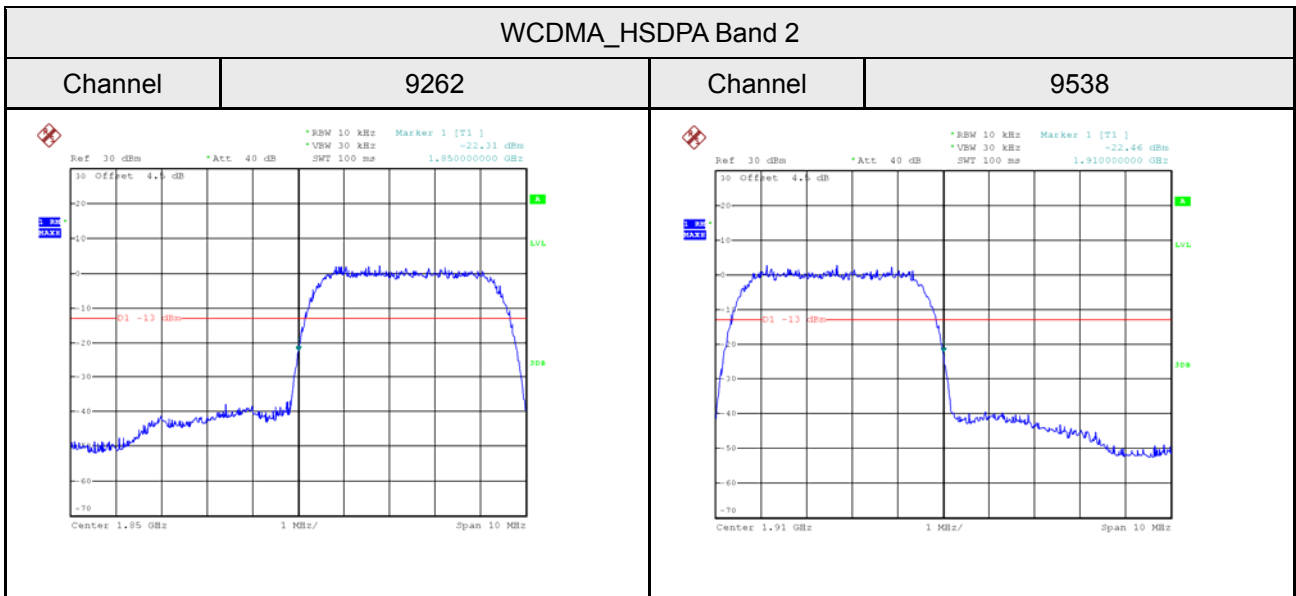
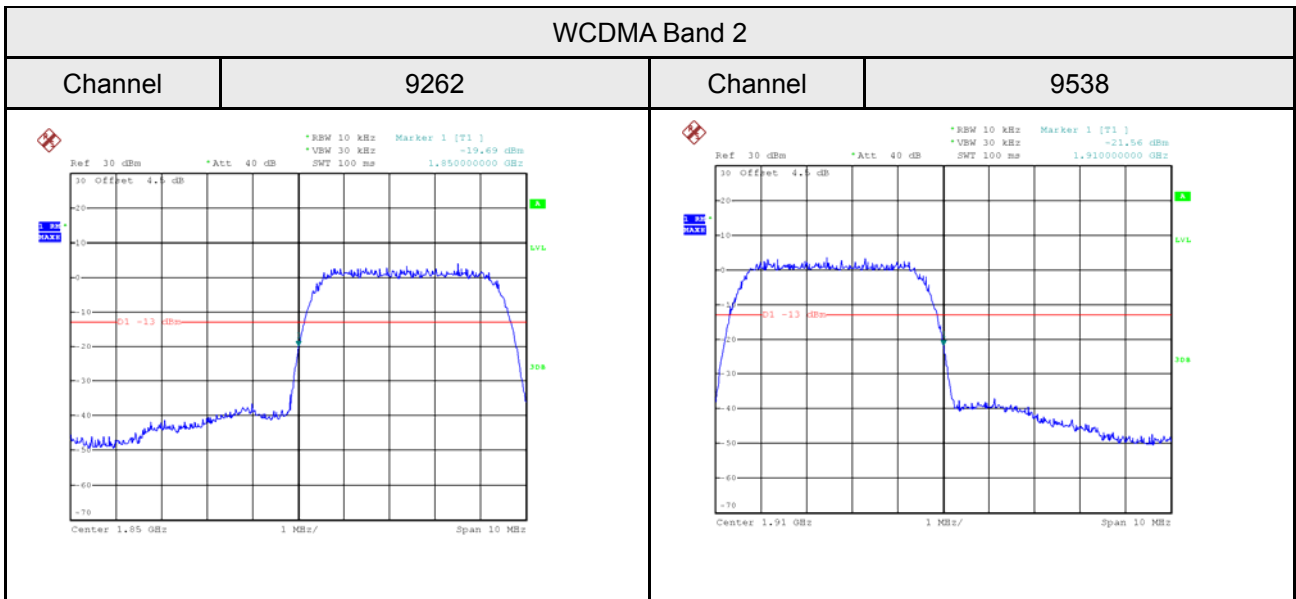
Test Mode:	LTE Band 2_TX CH18900_20M
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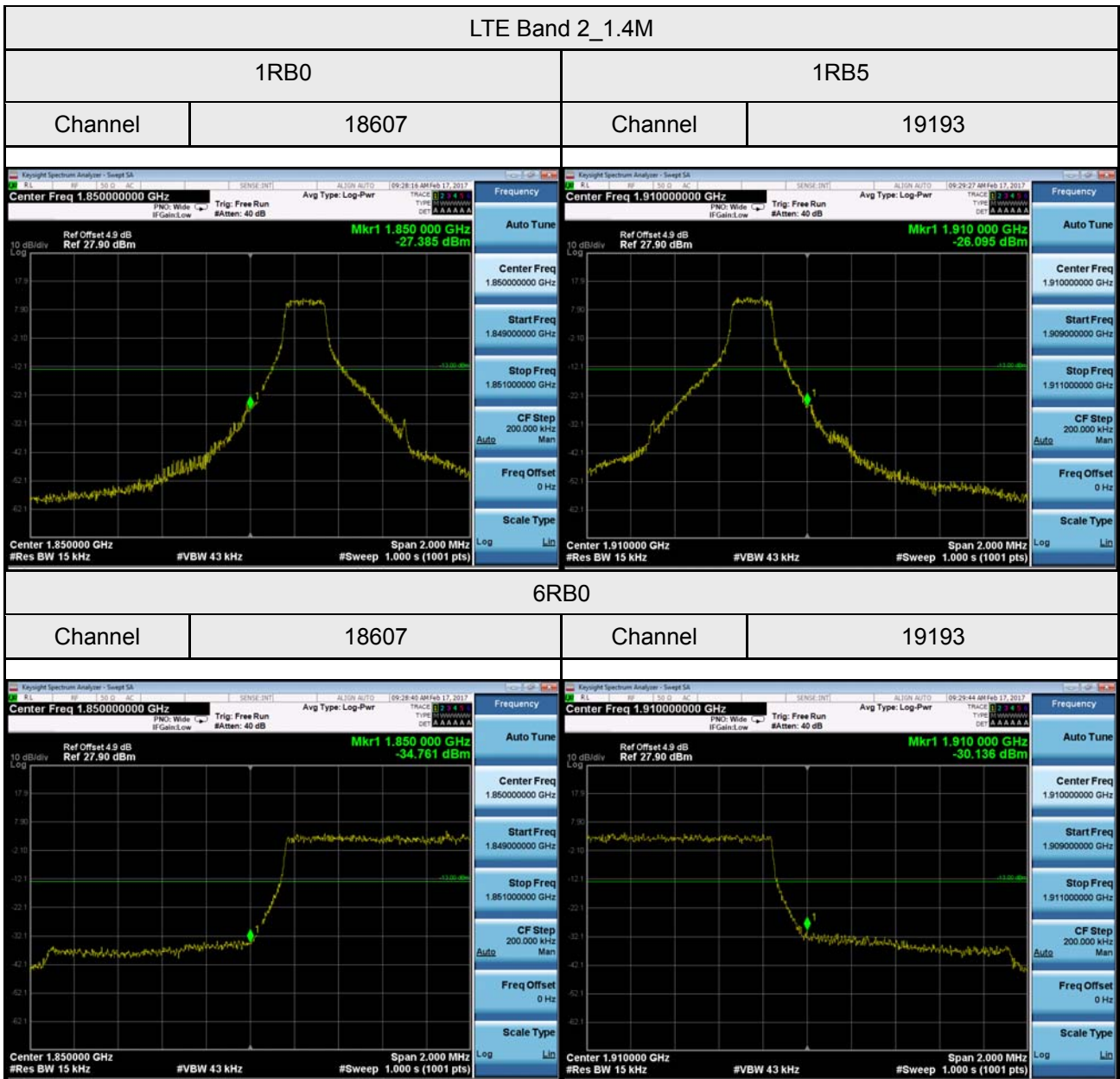


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment

ATTACHMENT E - BAND EDGE







LTE Band 2_3M

1RB0

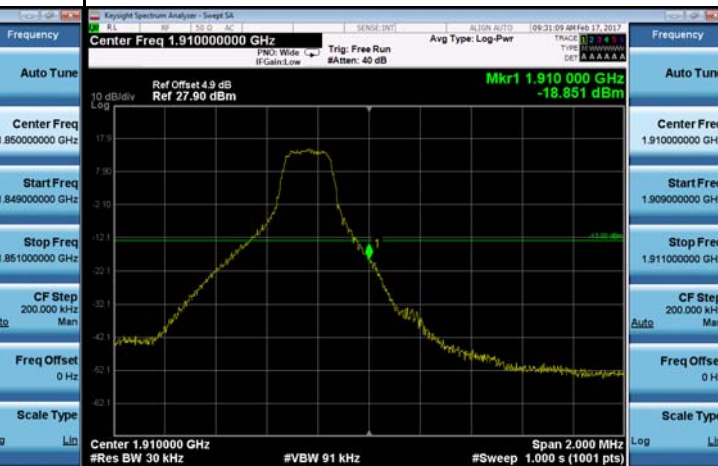
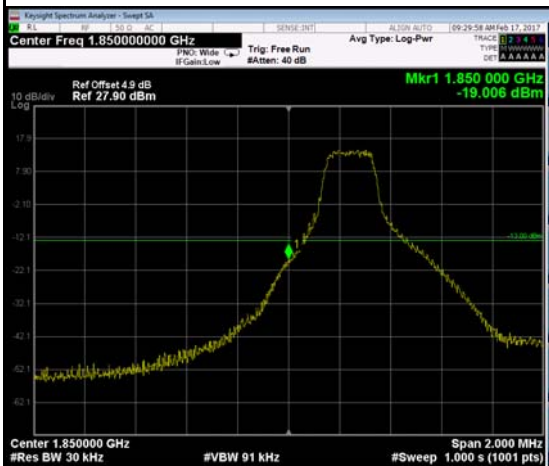
1RB14

Channel

18615

Channel

19185



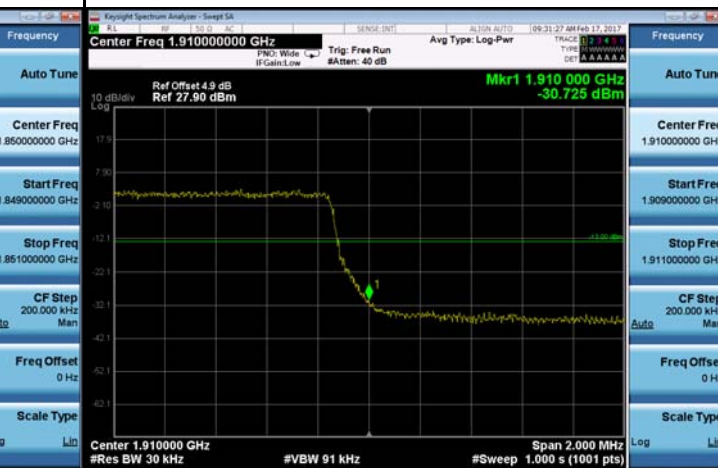
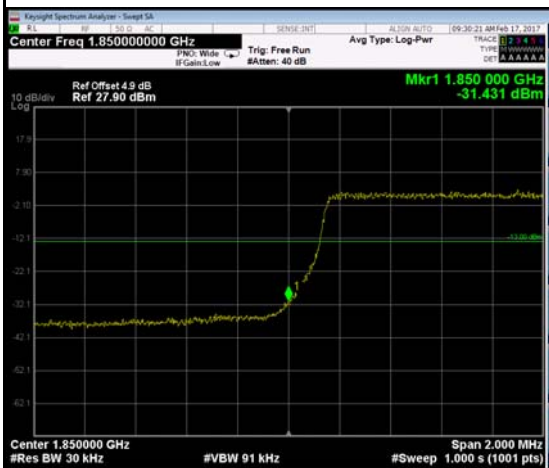
15RB0

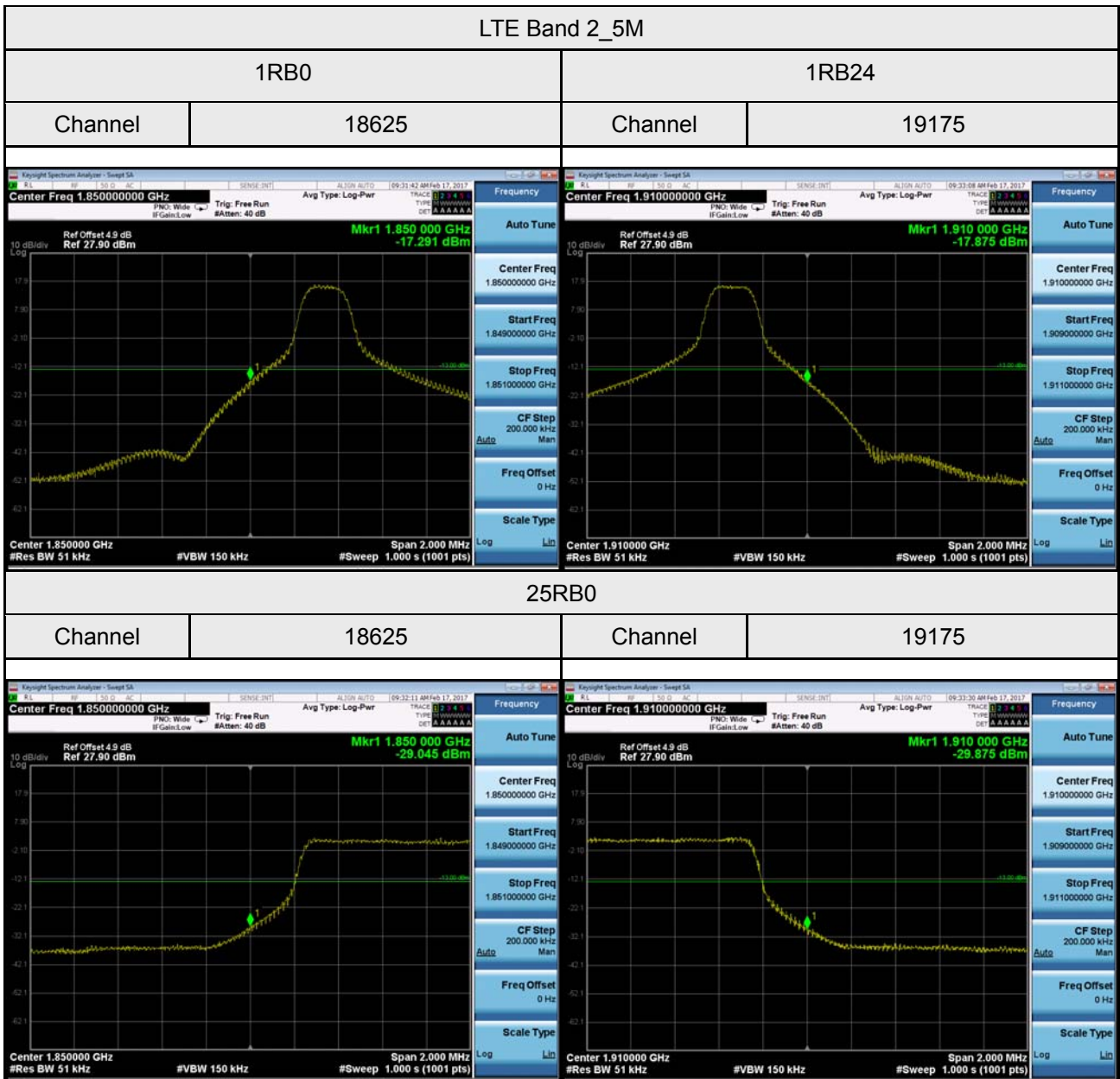
Channel

18615

Channel

19185





LTE Band 2_10M

1RB0

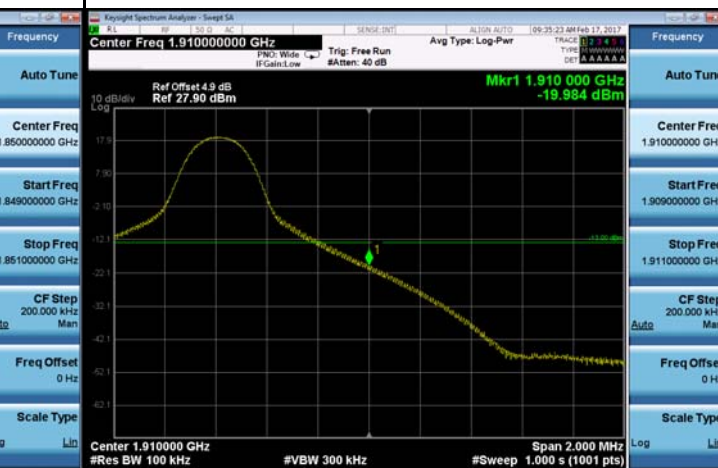
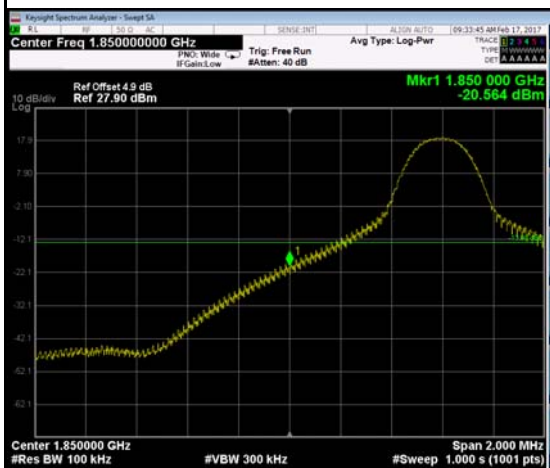
1RB49

Channel

18650

Channel

19150



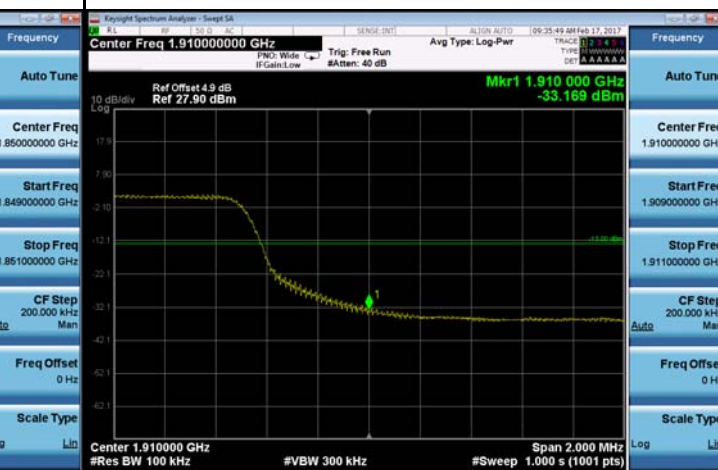
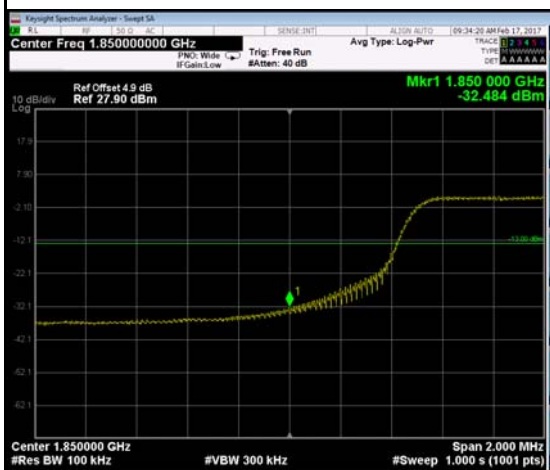
50RB0

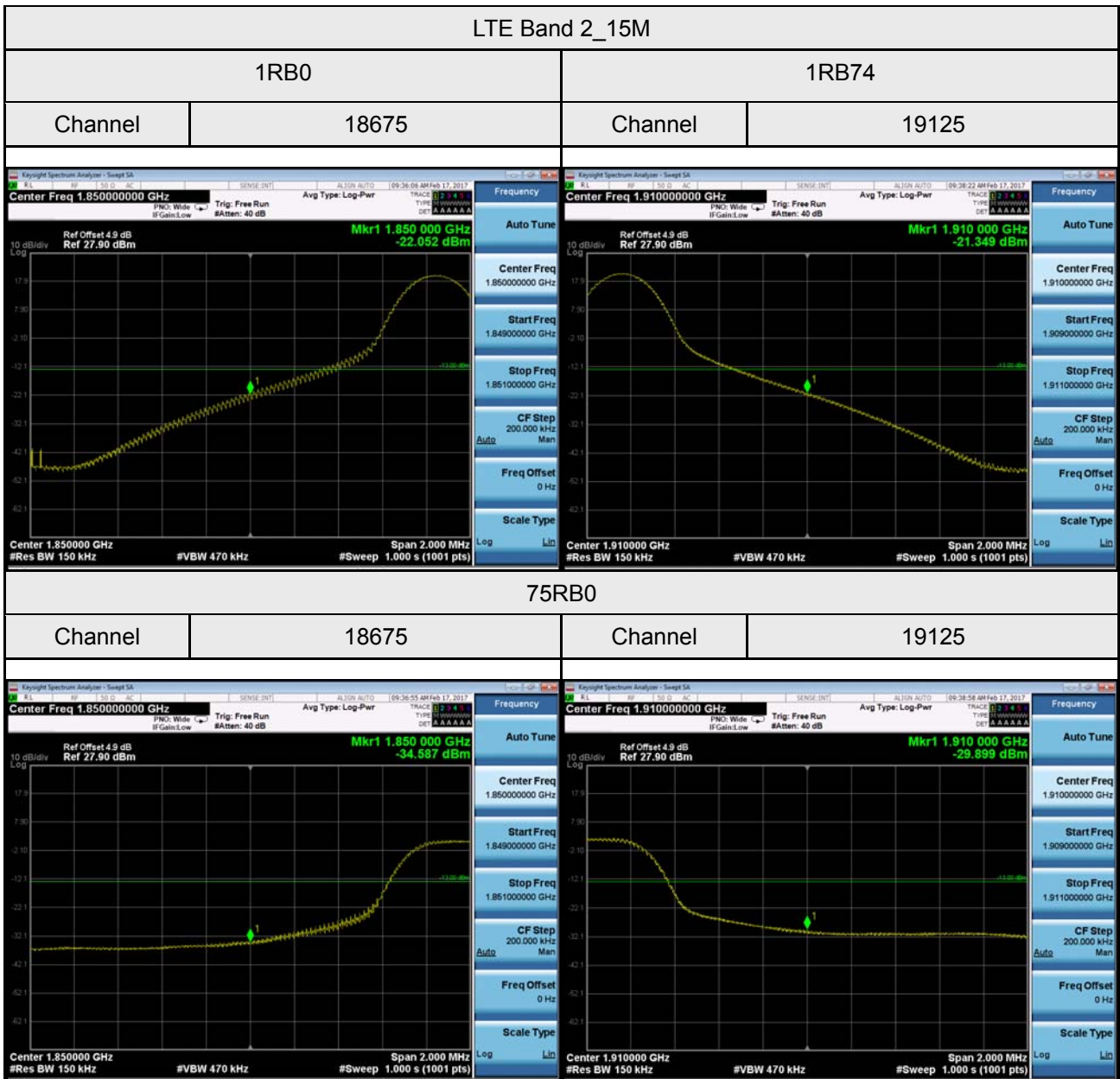
Channel

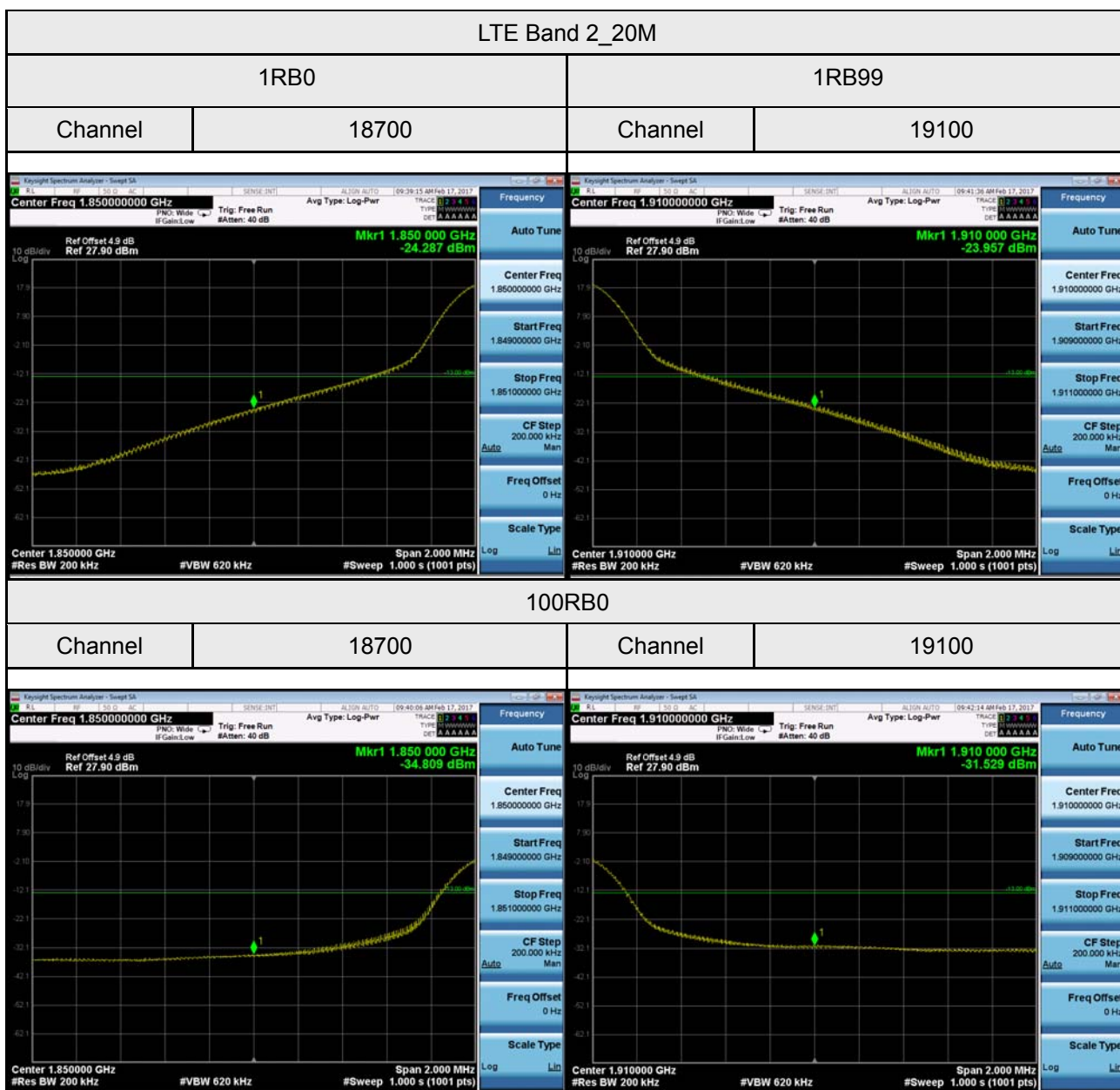
18650

Channel

19150



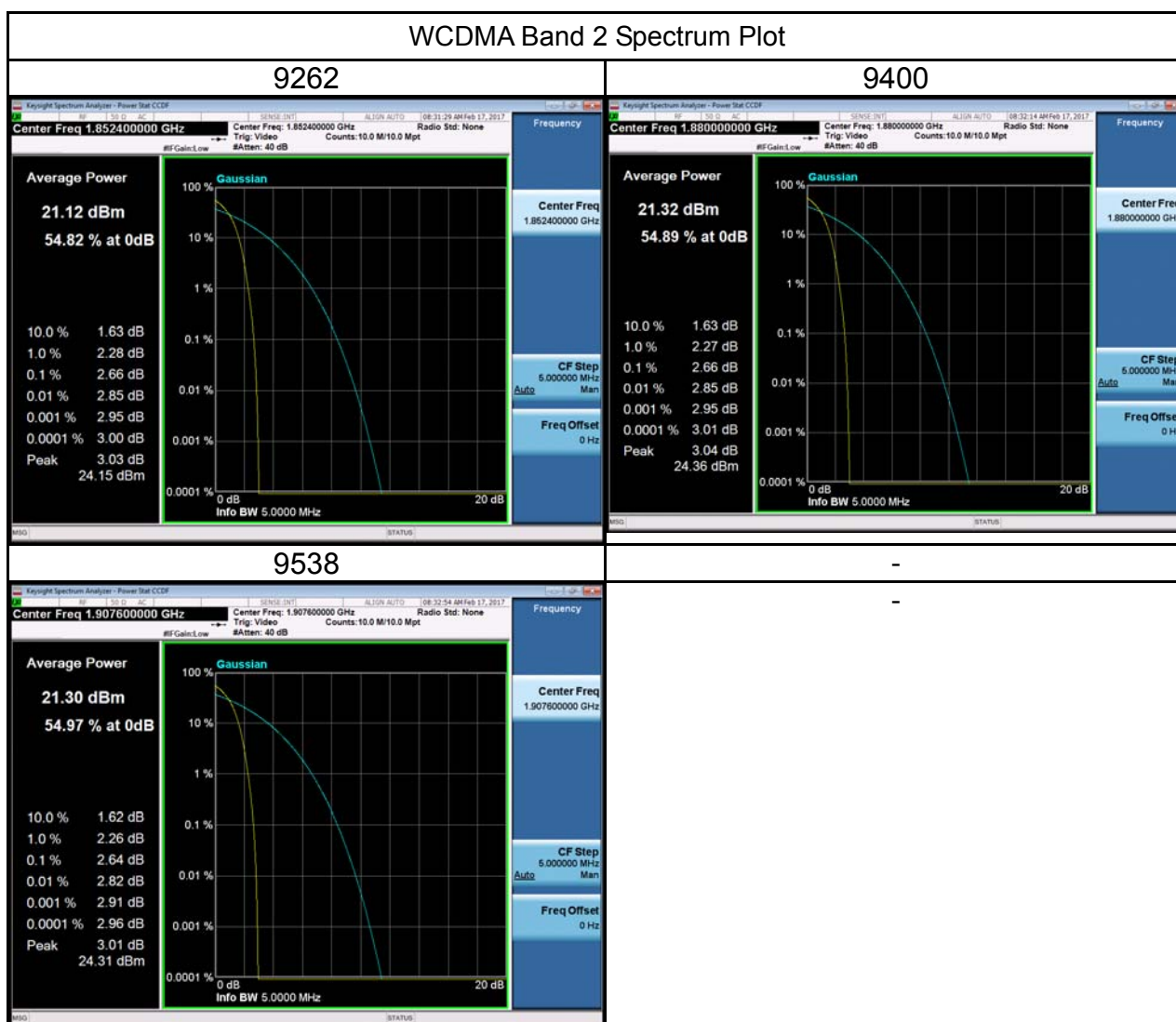




ATTACHMENT F - PEAK TO AVERAGE RATIO

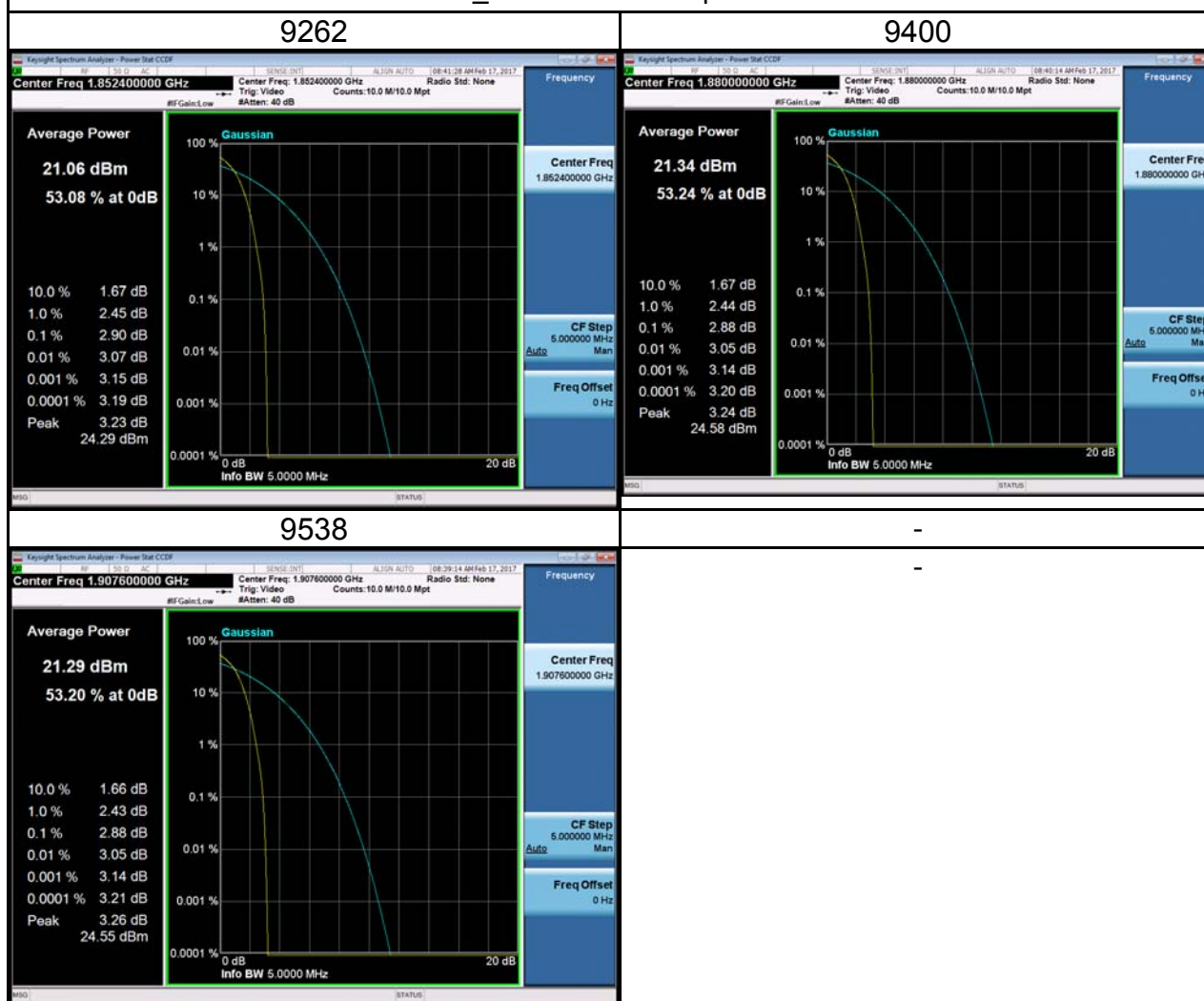
DCS1900							
GSM				EDGE			
CS				8PSK			
Channel	Frequency (MHz)	PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	PAPR (dB)	Limit (dB)
512	1850.2	0.74	13	512	1850.2	3.56	13
661	1880	0.78	13	661	1880	3.55	13
810	1909.8	0.71	13	810	1909.8	3.52	13

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

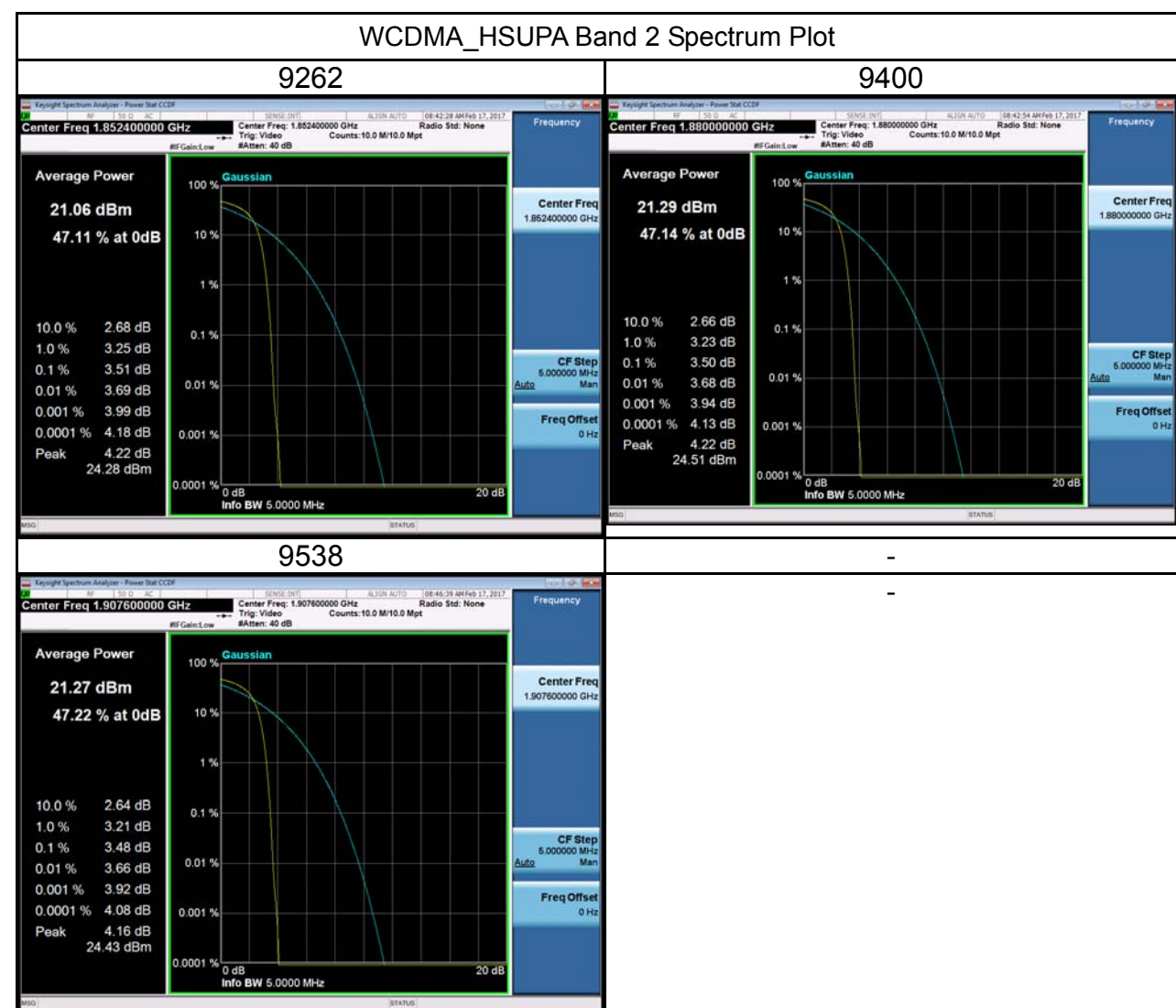


WCDMA_HSDPA Band 2			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
9262	1852.4	2.90	13
9400	1880	2.88	13
9538	1907.6	2.88	13

WCDMA_HSDPA Band 2 Spectrum Plot

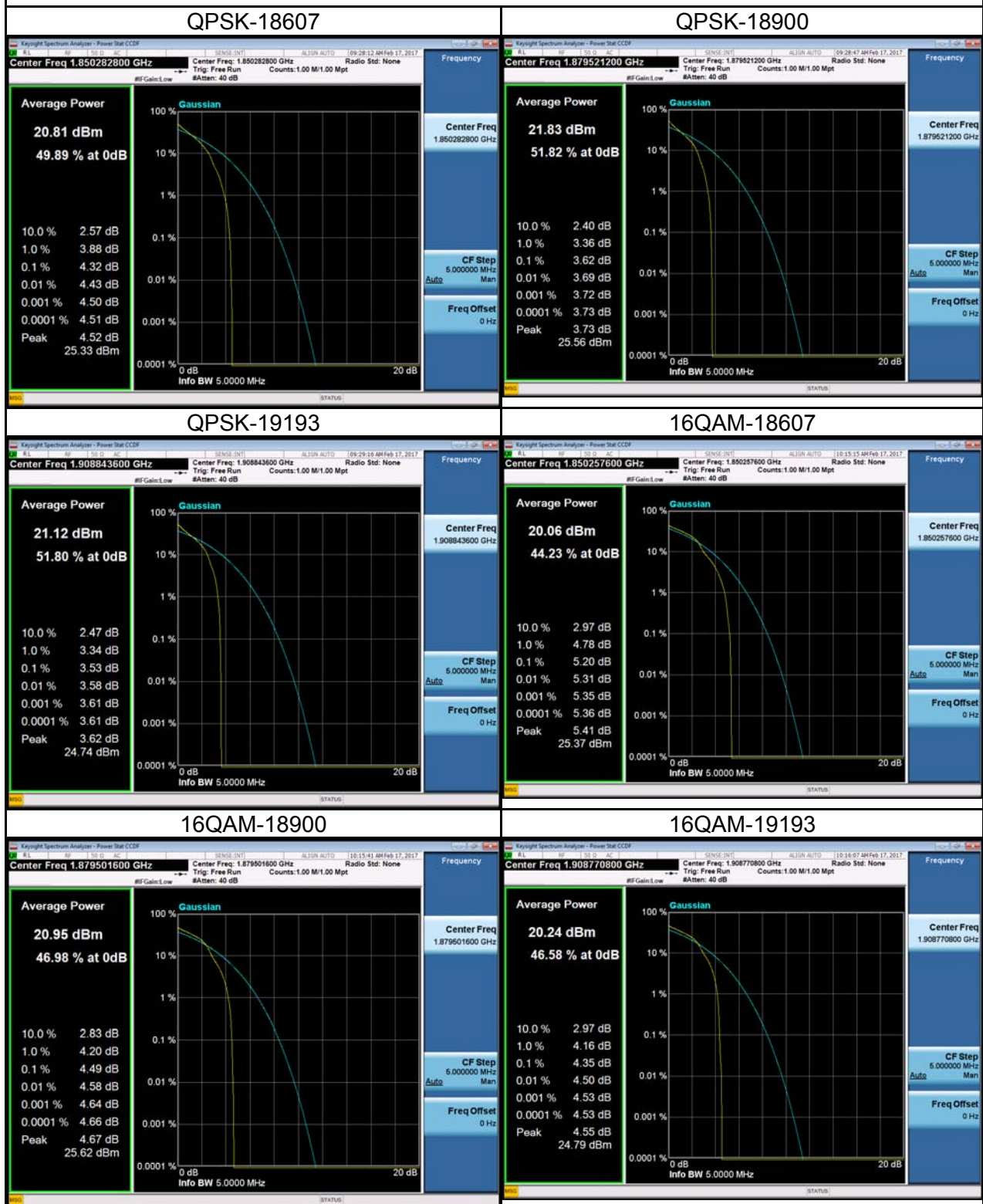


WCDMA_HSUPA Band 2			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
9262	1852.4	3.51	13
9400	1880	3.50	13
9538	1907.6	3.48	13



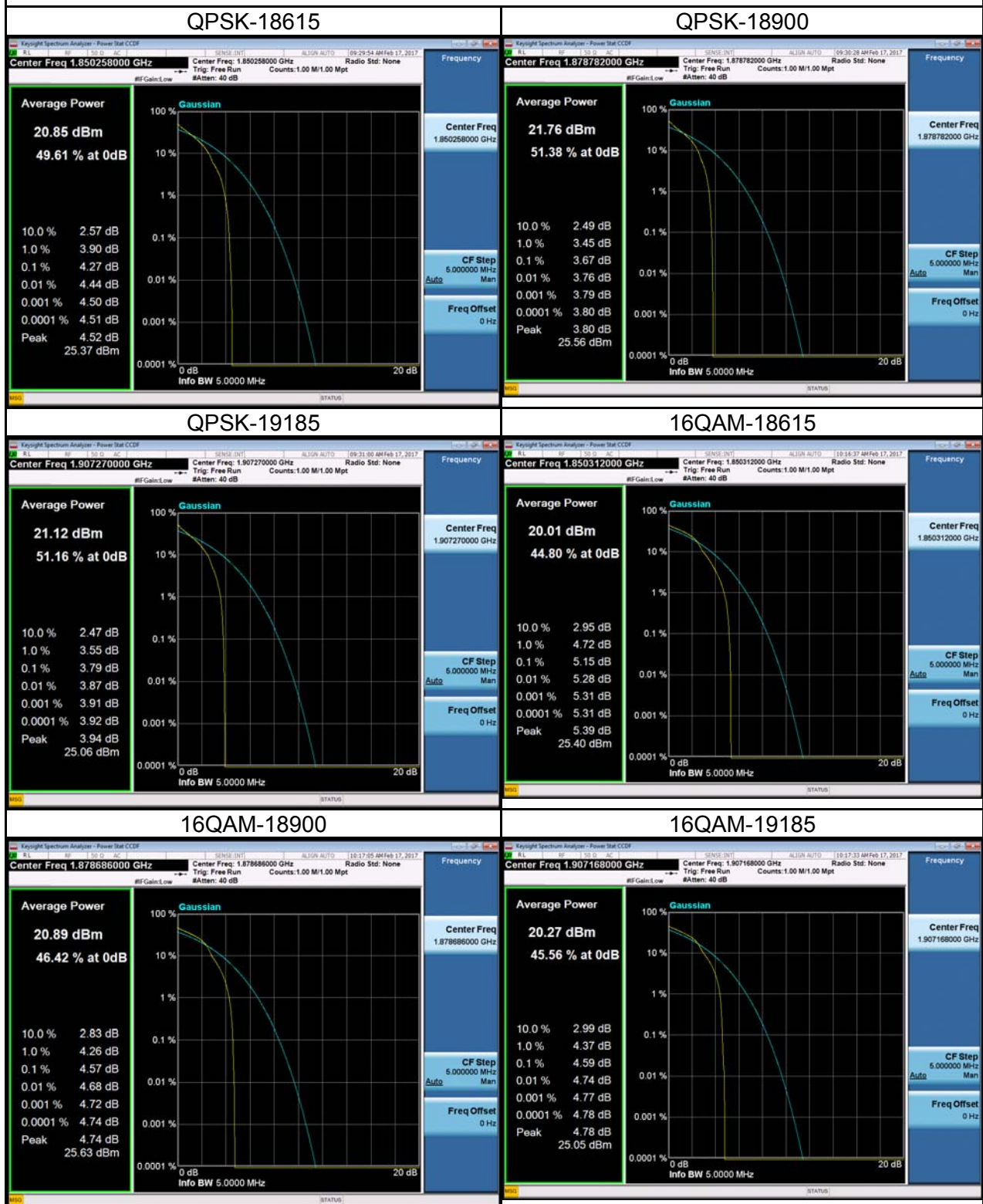
LTE Band 2_1.4M							
QPSK				16QAM			
Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	0.1% PAPR (dB)	Limit (dB)
18607	1850.7	4.32	13	18607	1850.7	5.20	13
18900	1880	3.62	13	18900	1880	4.49	13
19193	1909.3	3.53	13	19193	1909.3	4.35	13

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

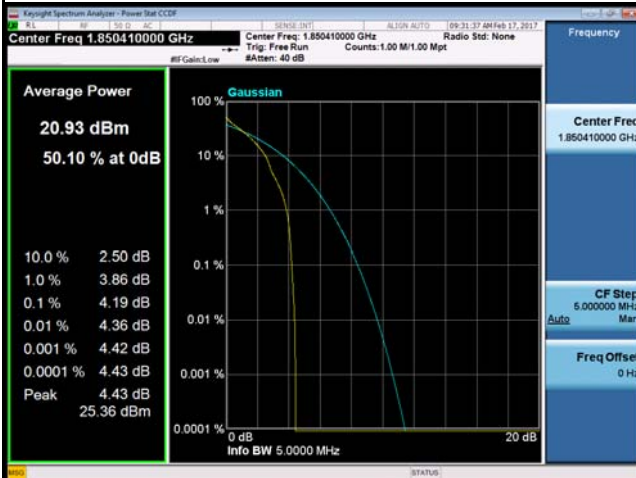
LTE Band 2 Spectrum Plot_3M



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

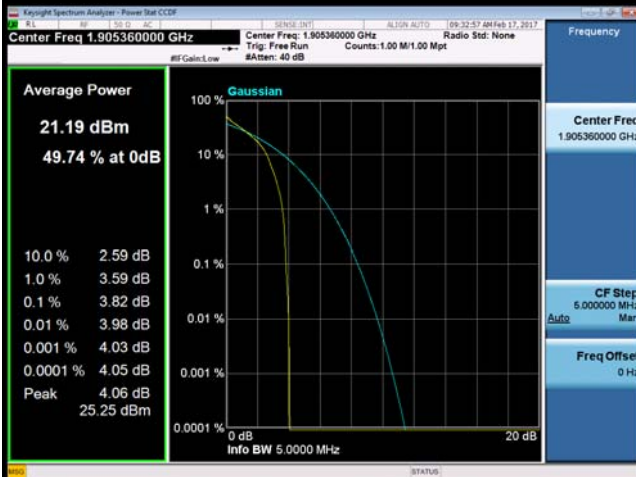
QPSK-18625



QPSK-18900



QPSK-19175



16QAM-18625



16QAM-18900



16QAM-19175



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

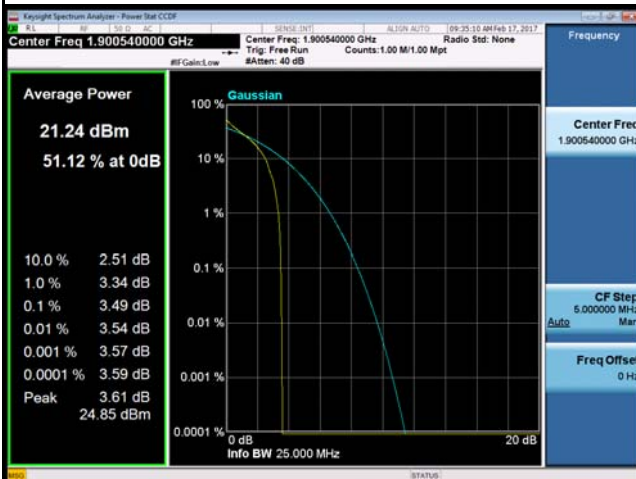
QPSK-18650



QPSK-18900



QPSK-19150



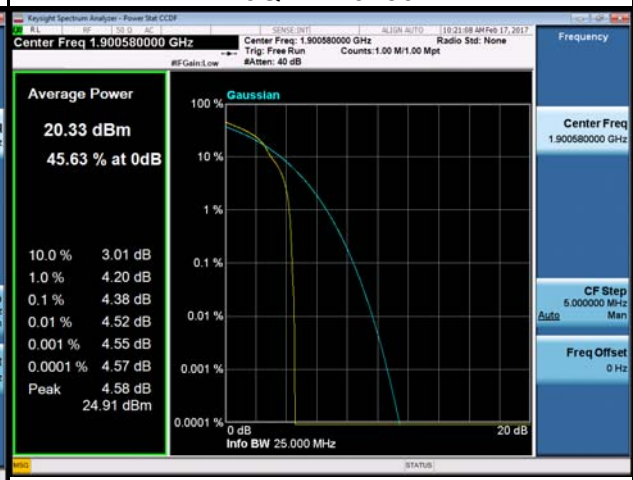
16QAM-18650



16QAM-18900

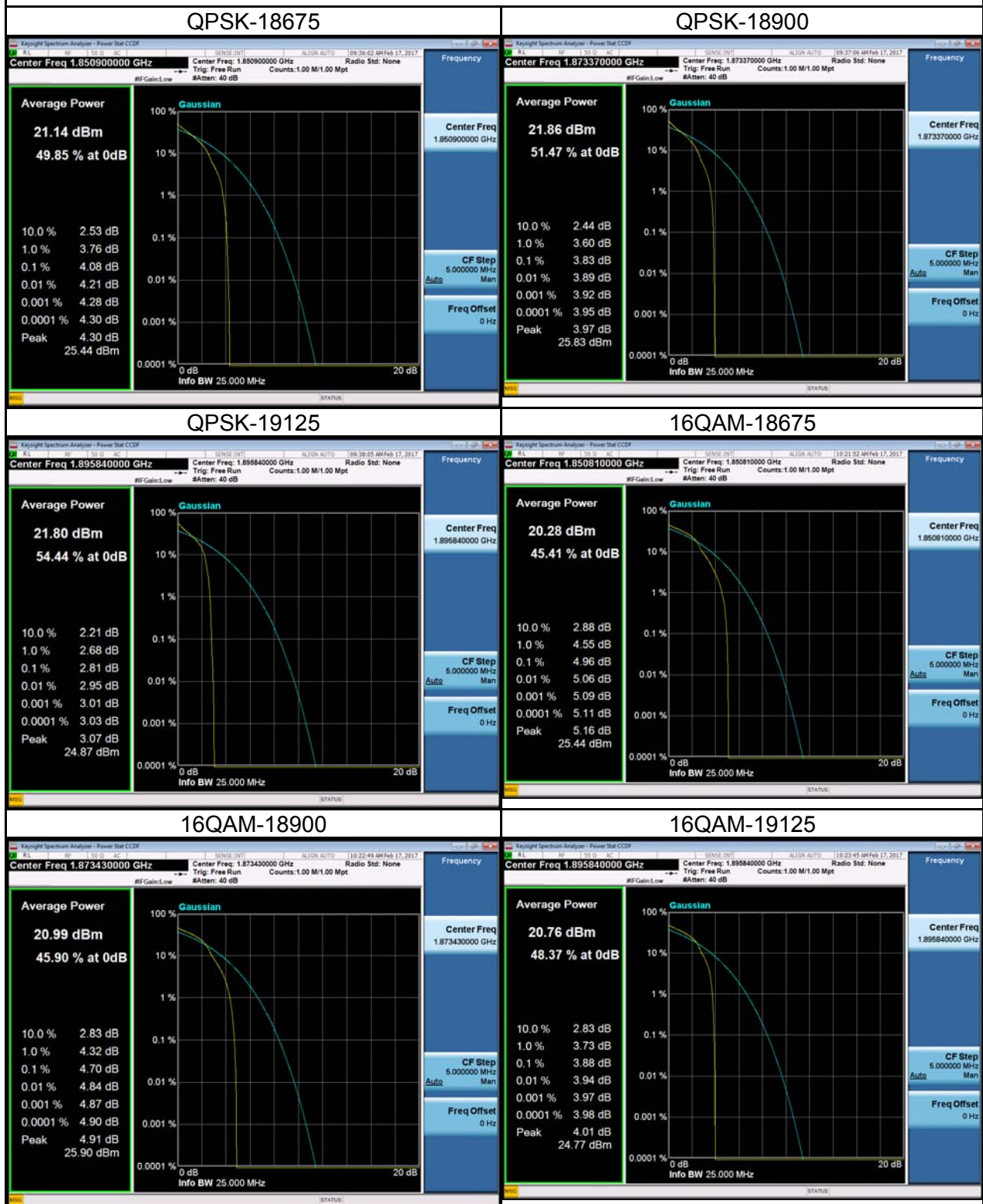


16QAM-19150



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

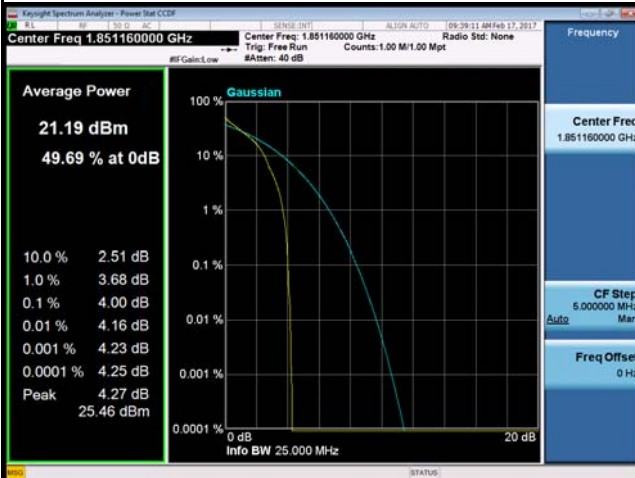
LTE Band 2 Spectrum Plot_15M



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

QPSK-18700



QPSK-18900



QPSK-19100



16QAM-18700



16QAM-18900



16QAM-19100



ATTACHMENT G - FREQUENCY STABILITY

Test Mode:	DCS1900_CH661
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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)	9.02	0.004875149	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)	7.25	0.003918495	2.5

Test Mode:	WCDMA Band 2_CH9400
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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
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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)	6.10	0.003244681	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)	3.86	0.002053191	2.5

Test Mode:	LTE Band 2_CH18900_3M
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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)	6.21	0.003303191	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)	5.03	0.002675532	2.5

Test Mode:	LTE Band 2_CH18900_5M
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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)	5.54	0.002946809	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)	5.56	0.002957447	2.5

Test Mode:	LTE Band 2_CH18900_10M
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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
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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
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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)	6.01	0.003196809	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	0.00312766	2.5