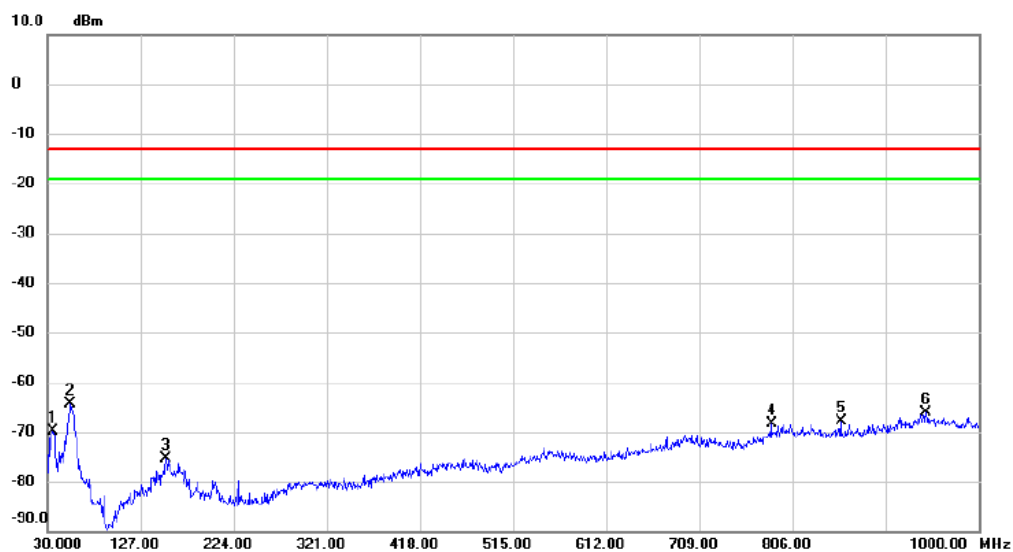


Test Mode:

PCS1900_TX CH661_EDGE_without Earphone

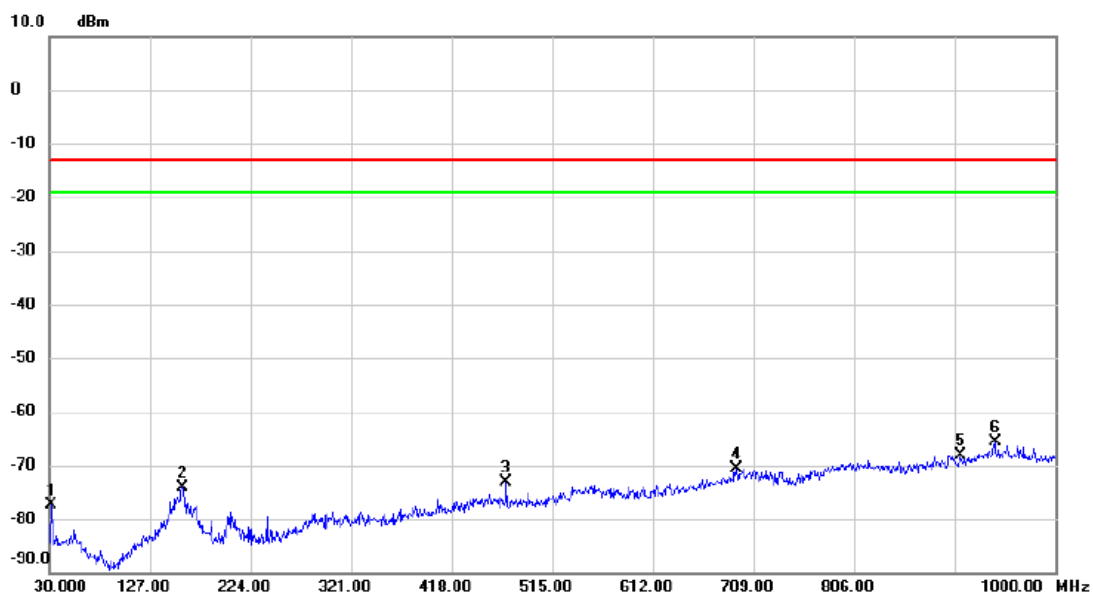
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		35.820	-64.41	-5.38	-69.79	-13.00	-56.79	peak	
2	*	54.250	-58.96	-5.37	-64.33	-13.00	-51.33	peak	
3		153.675	-73.84	-1.58	-75.42	-13.00	-62.42	peak	
4		784.175	-75.99	7.59	-68.40	-13.00	-55.40	peak	
5		856.440	-75.73	7.93	-67.80	-13.00	-54.80	peak	
6		945.195	-76.92	10.81	-66.11	-13.00	-53.11	peak	

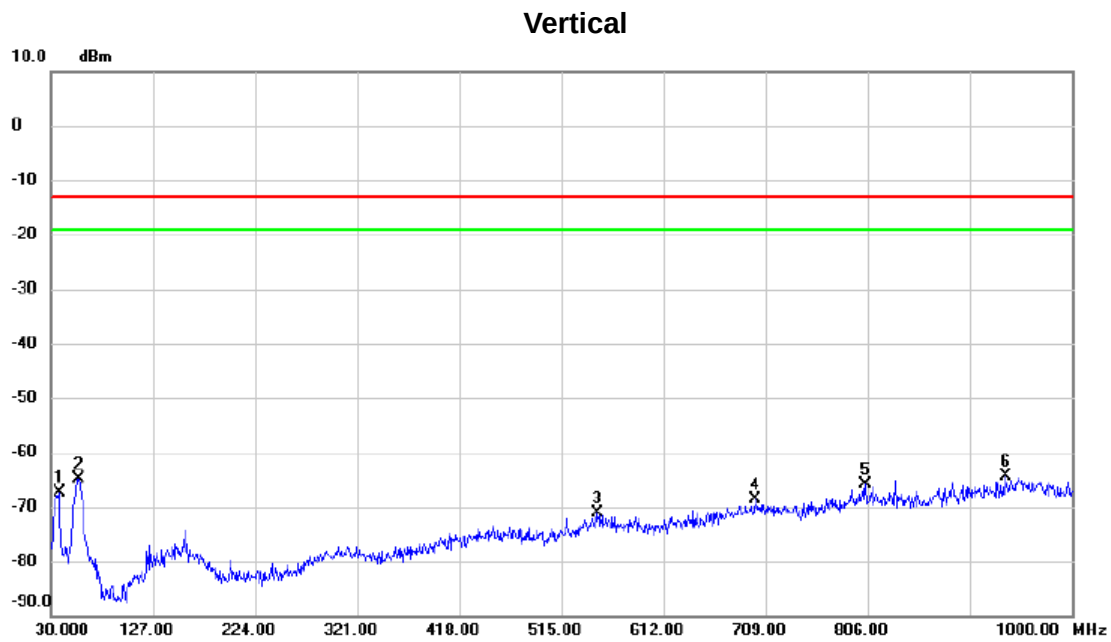
Test Mode: PCS1900_TX CH661_EDGE_without Earphone

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		31.455	-71.93	-5.43	-77.36	-13.00	-64.36	peak	
2		158.525	-72.97	-1.14	-74.11	-13.00	-61.11	peak	
3		470.380	-74.86	1.73	-73.13	-13.00	-60.13	peak	
4		692.510	-77.10	6.48	-70.62	-13.00	-57.62	peak	
5		908.335	-77.40	9.32	-68.08	-13.00	-55.08	peak	
6	*	941.800	-76.39	10.66	-65.73	-13.00	-52.73	peak	

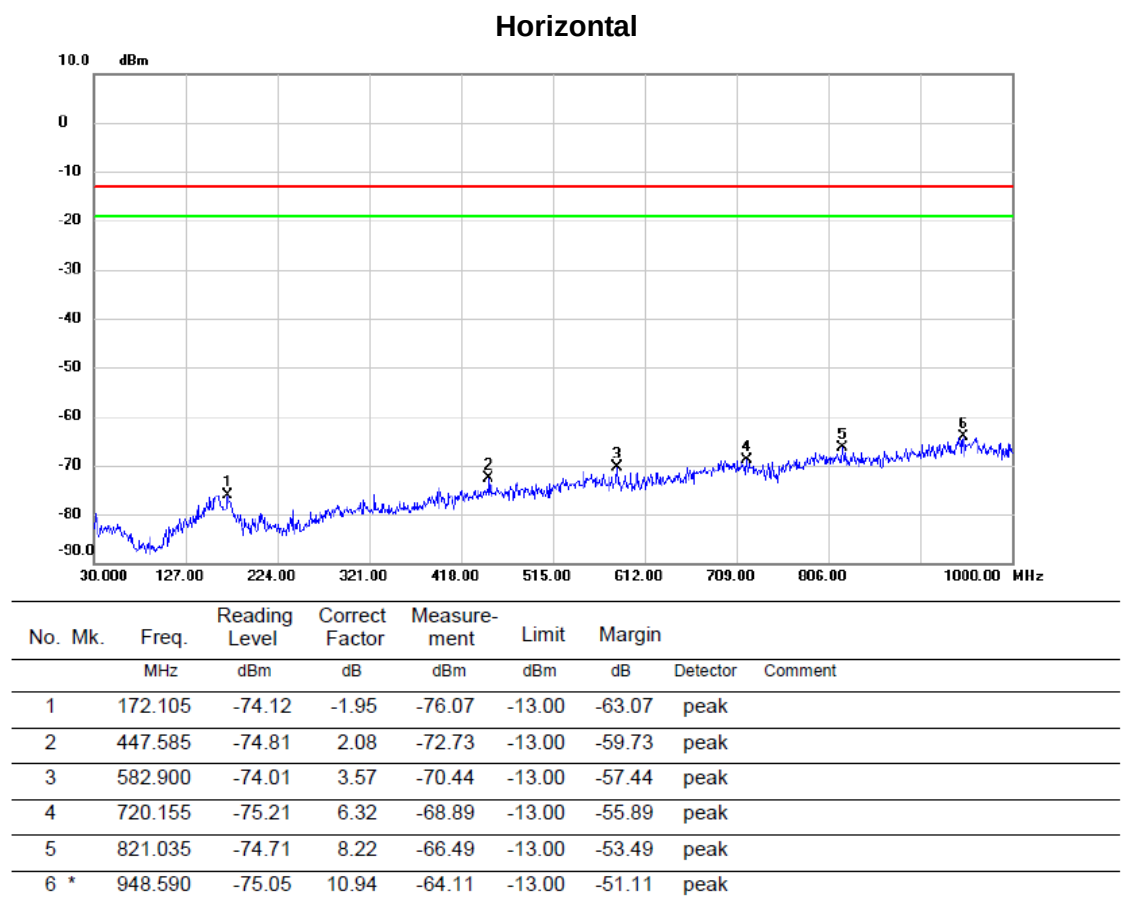
Test Mode: WCDMA Band II_TX CH9400



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		37.760	-62.29	-5.12	-67.41	-13.00	-54.41	peak	
2		56.190	-59.27	-5.48	-64.75	-13.00	-51.75	peak	
3		549.435	-75.13	4.09	-71.04	-13.00	-58.04	peak	
4		699.785	-75.47	6.83	-68.64	-13.00	-55.64	peak	
5		804.545	-74.28	8.48	-65.80	-13.00	-52.80	peak	
6	*	936.950	-74.87	10.48	-64.39	-13.00	-51.39	peak	

Test Mode:

WCDMA Band II_TX CH9400



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		36.790	-61.84	-5.27	-67.11	-13.00	-54.11	peak	
2		56.190	-63.90	-5.48	-69.38	-13.00	-56.38	peak	
3		145.915	-75.71	-2.14	-77.85	-13.00	-64.85	peak	
4		553.315	-76.97	4.07	-72.90	-13.00	-59.90	peak	
5		715.305	-77.18	6.45	-70.73	-13.00	-57.73	peak	
6	*	943.255	-77.03	10.73	-66.30	-13.00	-53.30	peak	

Test Mode: LTE Band 2_TX CH18900_1.4M

Horizontal

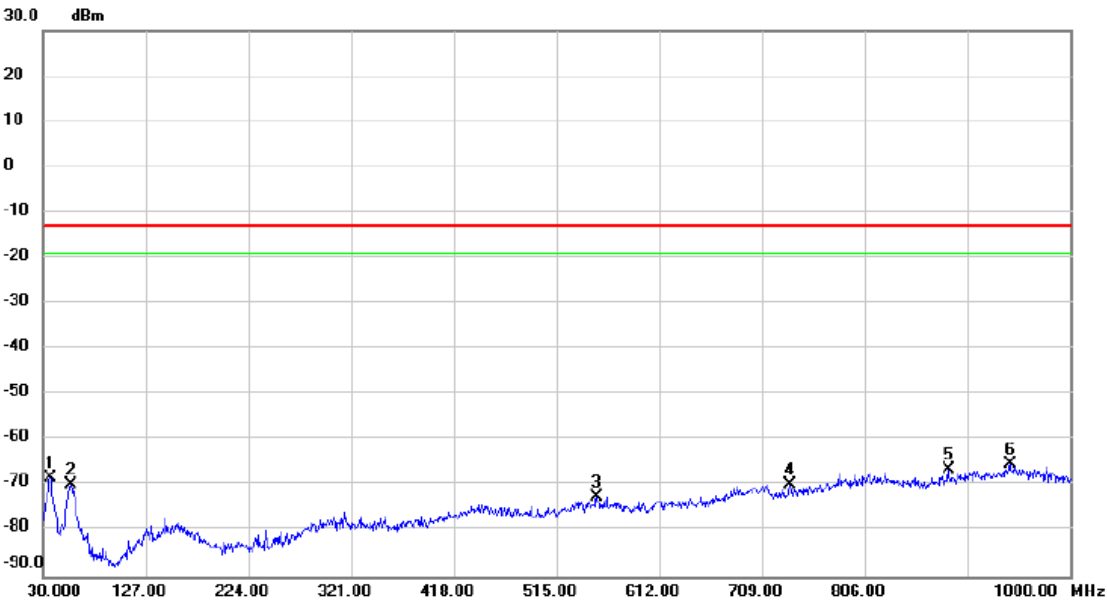


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		152.705	-72.51	-1.66	-74.17	-13.00	-61.17	peak	
2		239.520	-67.10	-5.10	-72.20	-13.00	-59.20	peak	
3		484.445	-75.98	1.41	-74.57	-13.00	-61.57	peak	
4		640.615	-75.59	4.20	-71.39	-13.00	-58.39	peak	
5		725.005	-75.11	6.19	-68.92	-13.00	-55.92	peak	
6	*	951.985	-76.54	10.95	-65.59	-13.00	-52.59	peak	

Test Mode:

LTE Band 2_ TX CH18900_5M

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		36.790	-62.84	-5.27	-68.11	-13.00	-55.11	peak	
2		56.190	-64.40	-5.48	-69.88	-13.00	-56.88	peak	
3		553.315	-76.47	4.07	-72.40	-13.00	-59.40	peak	
4		735.190	-75.58	5.93	-69.65	-13.00	-56.65	peak	
5		885.055	-75.22	8.62	-66.60	-13.00	-53.60	peak	
6	*	943.255	-76.03	10.73	-65.30	-13.00	-52.30	peak	

Test Mode: LTE Band 2_ TX CH18900_5M

Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	152.705	-73.01	-1.66	-74.67	-13.00	-61.67	peak	
2	548.950	-75.72	4.06	-71.66	-13.00	-58.66	peak	
3	725.005	-75.11	6.19	-68.92	-13.00	-55.92	peak	
4	784.175	-72.92	7.59	-65.33	-13.00	-52.33	peak	
5	894.755	-73.97	8.87	-65.10	-13.00	-52.10	peak	
6 *	951.985	-75.04	10.95	-64.09	-13.00	-51.09	peak	

Test Mode:	LTE Band 2_TX CH18900_20M
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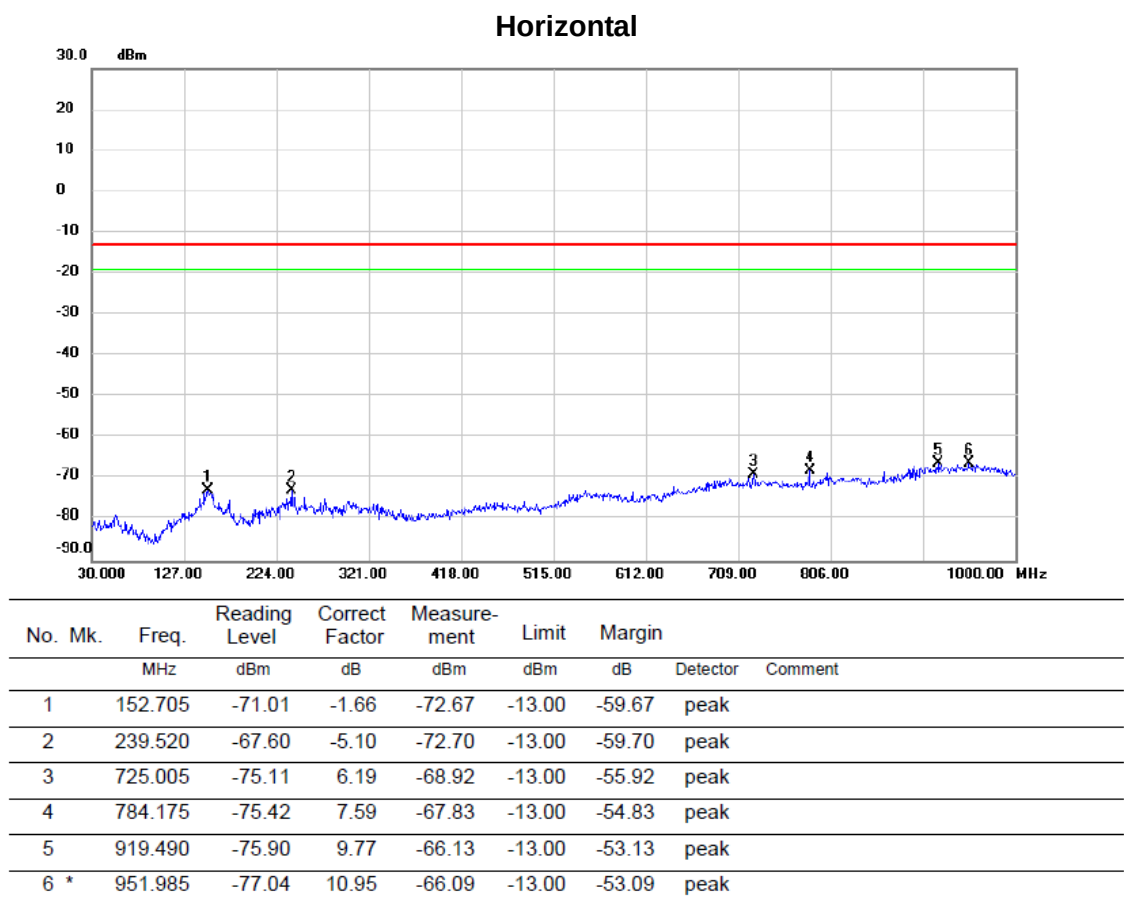
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		36.790	-62.84	-5.27	-68.11	-13.00	-55.11	peak	
2		56.190	-64.40	-5.48	-69.88	-13.00	-56.88	peak	
3		158.525	-76.64	-1.14	-77.78	-13.00	-64.78	peak	
4		434.490	-75.11	1.58	-73.53	-13.00	-60.53	peak	
5		553.315	-75.97	4.07	-71.90	-13.00	-58.90	peak	
6	*	943.255	-75.03	10.73	-64.30	-13.00	-51.30	peak	

Test Mode:

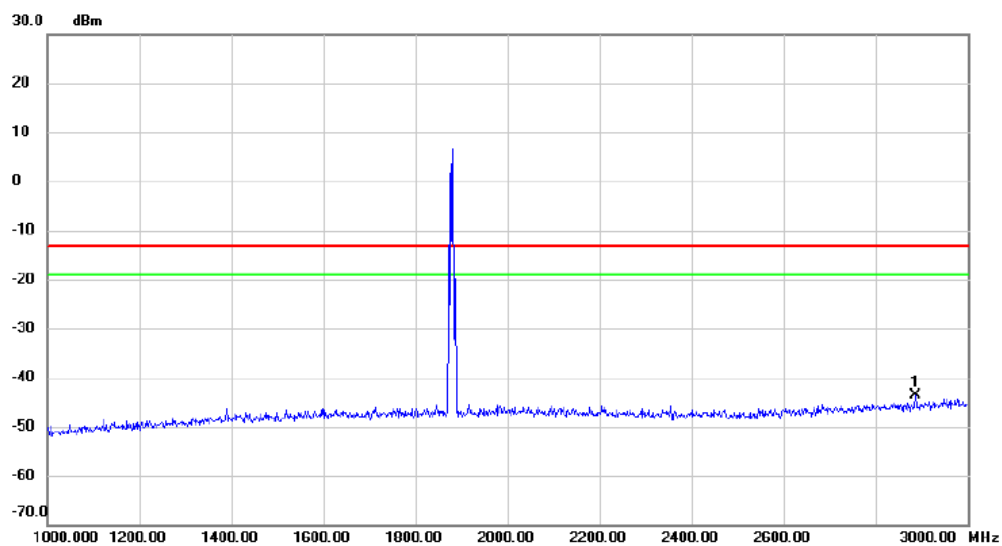
LTE Band 2_TX CH18900_20M



APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

Test Mode: PCS1900_TX CH661_GSM_with Earphone

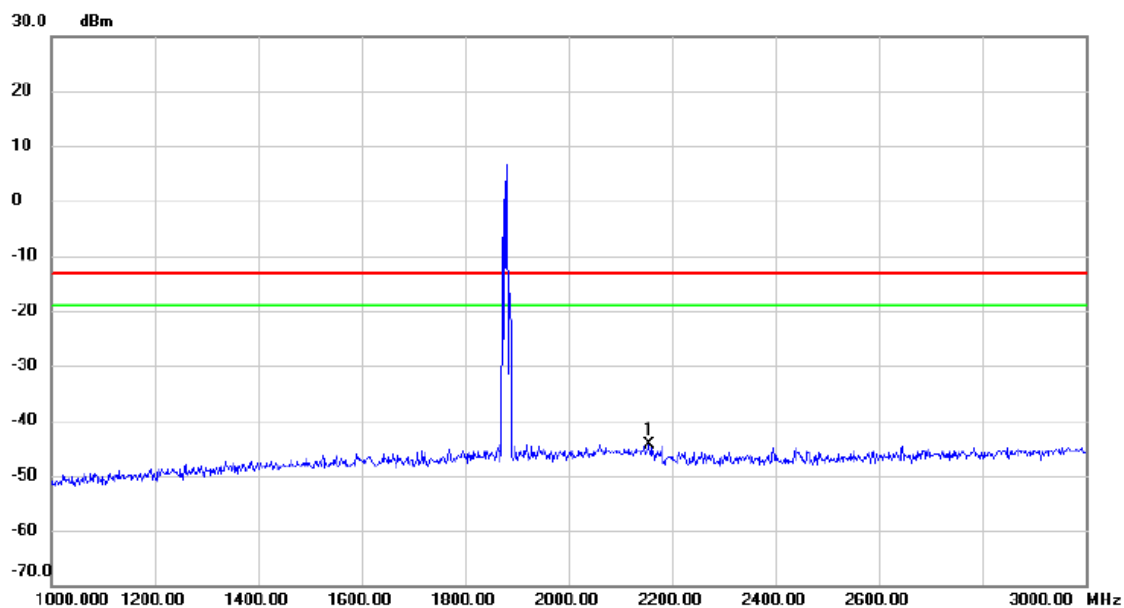
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2886.000	-65.08	21.40	-43.68	-13.00	-30.68	peak	

Test Mode: PCS1900_TX CH661_GSM_with Earphone

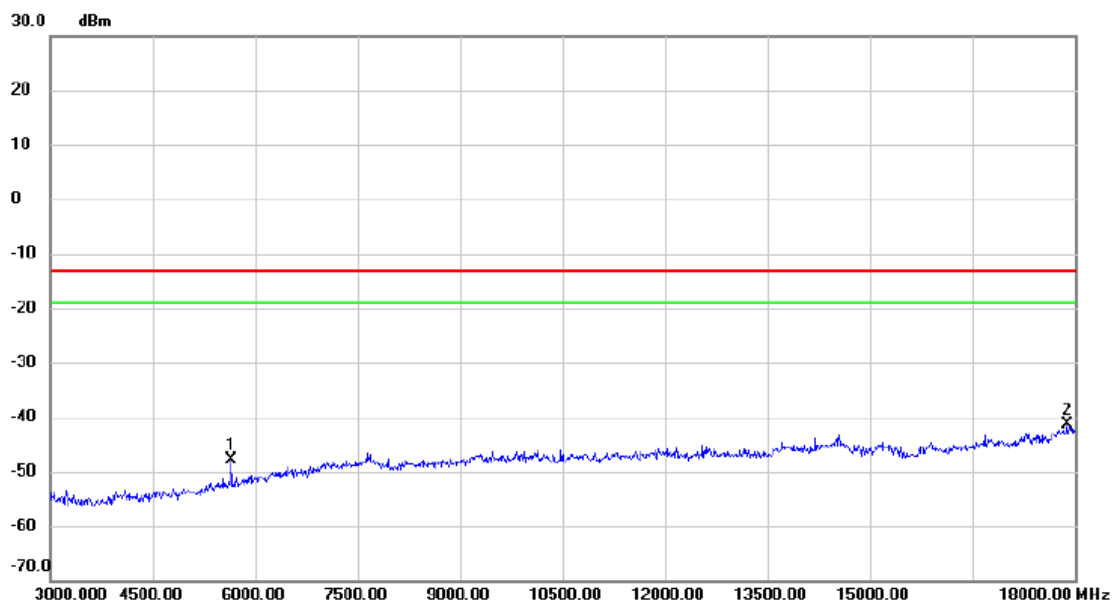
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2157.000	-63.59	19.31	-44.28	-13.00	-31.28	peak	

Test Mode: PCS1900_TX CH661_GSM_with Earphone

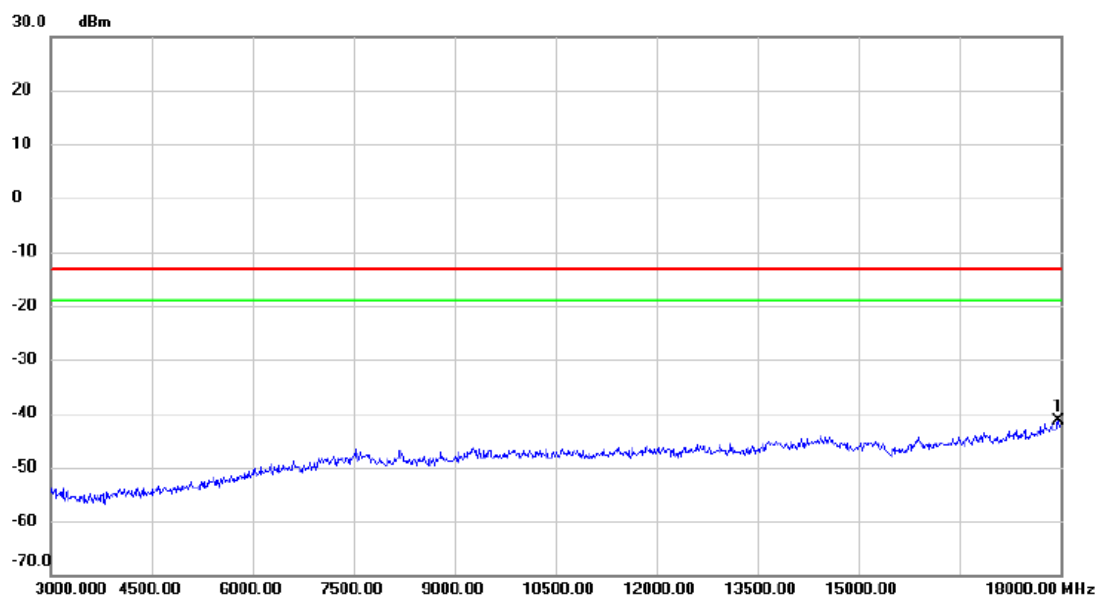
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5640.000	-65.31	17.47	-47.84	-13.00	-34.84	peak	
2	*	17880.000	-70.46	29.15	-41.31	-13.00	-28.31	peak	

Test Mode: PCS1900_TX CH661_GSM_with Earphone

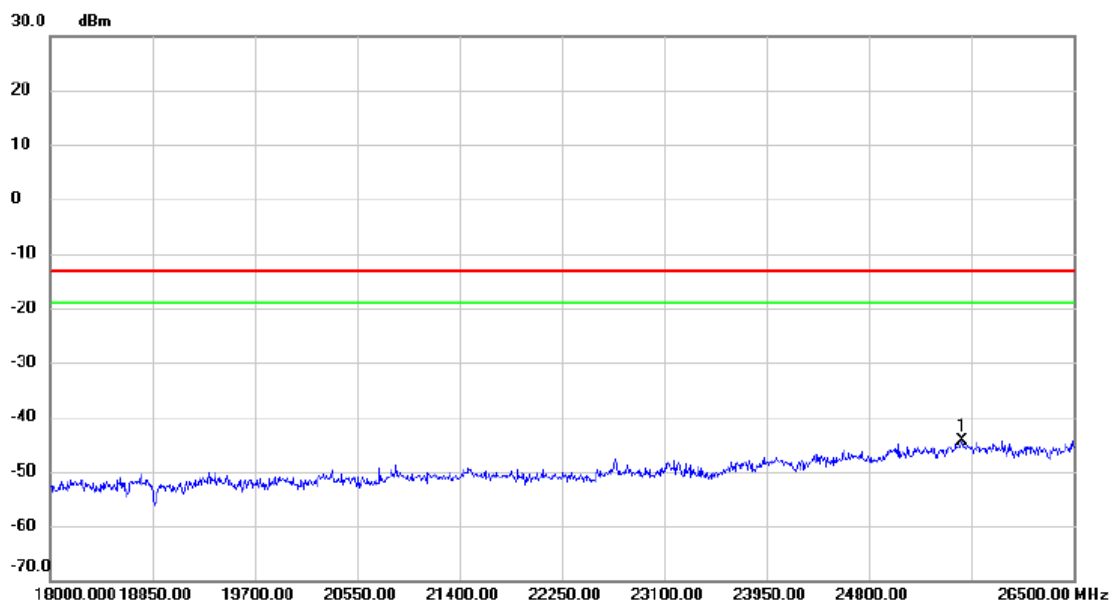
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	17970.000	-70.90	29.42	-41.48	-13.00	-28.48	peak	

Test Mode: PCS1900_TX CH661_GSM_with Earphone

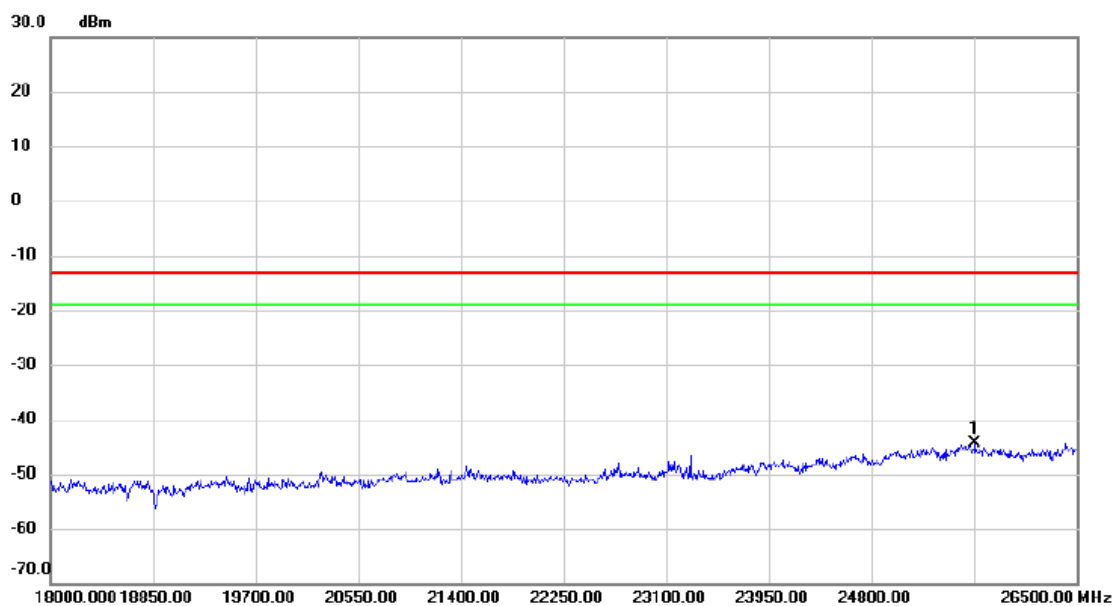
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25577.750	-67.33	22.96	-44.37	-13.00	-31.37	peak	

Test Mode: PCS1900_TX CH661_GSM_with Earphone

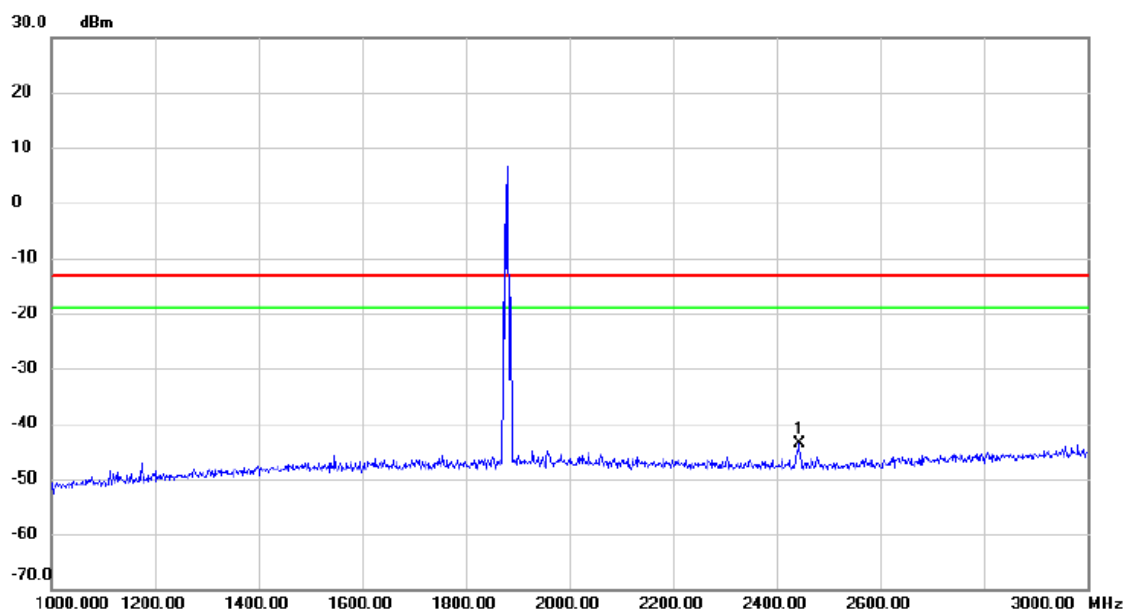
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25658.500	-67.24	22.86	-44.38	-13.00	-31.38	peak	

Test Mode: PCS1900_TX CH661_GSM_without Earphone

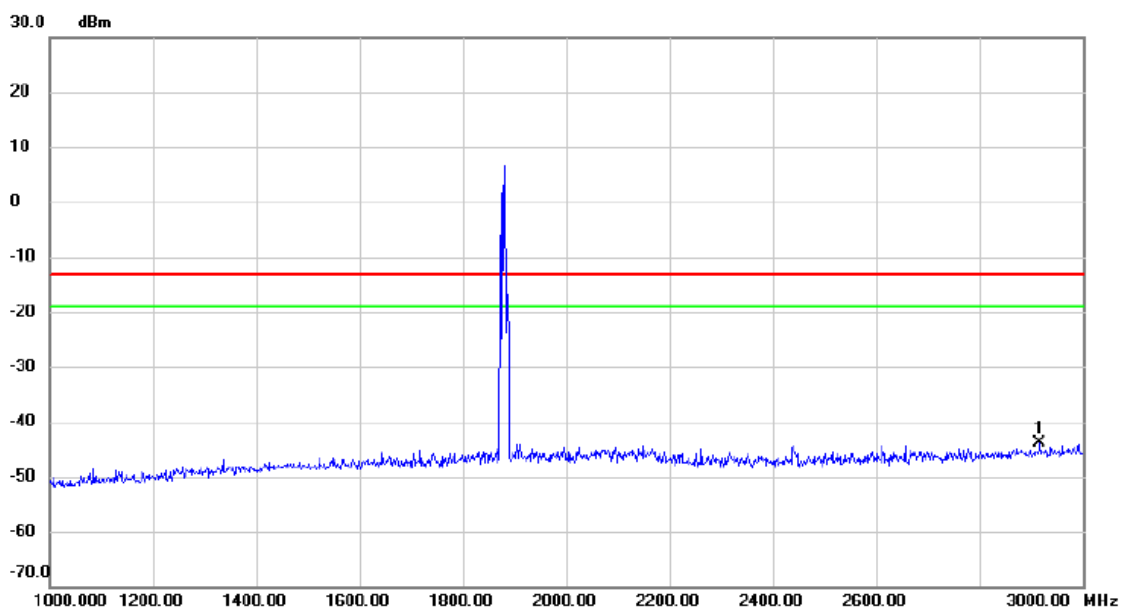
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2445.000	-62.76	19.09	-43.67	-13.00	-30.67	peak	

Test Mode:	PCS1900_TX CH661_GSM_without Earphone
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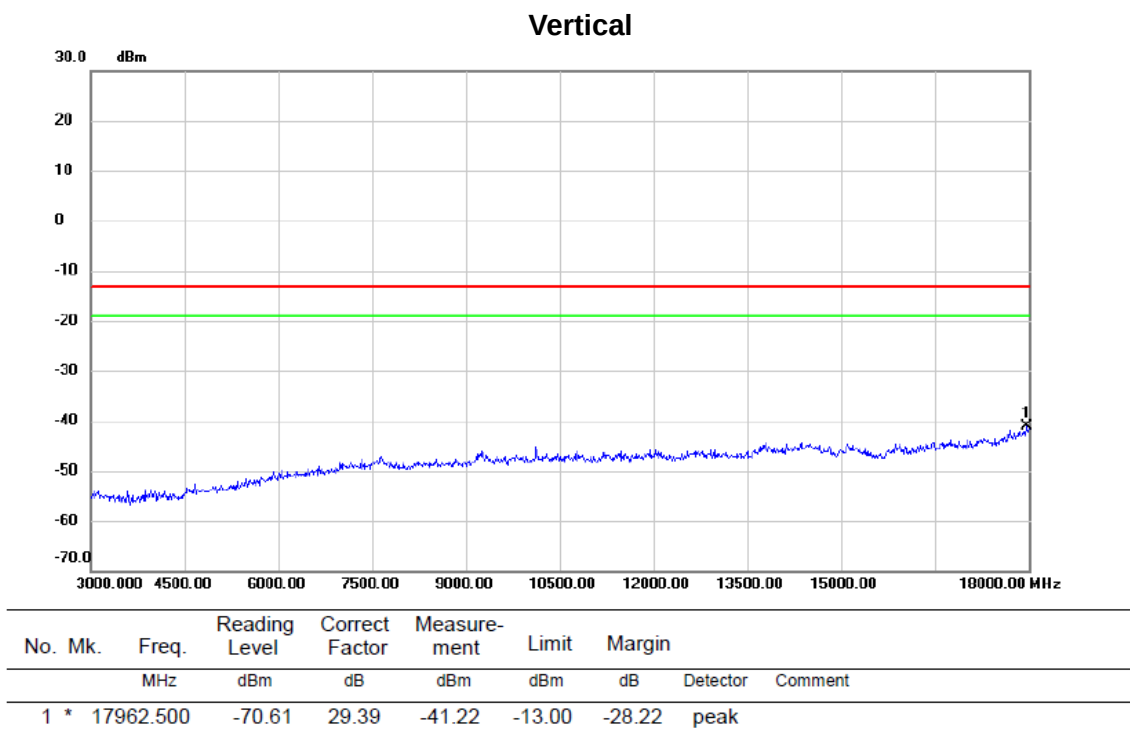
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2916.000	-65.41	21.58	-43.83	-13.00	-30.83	peak	

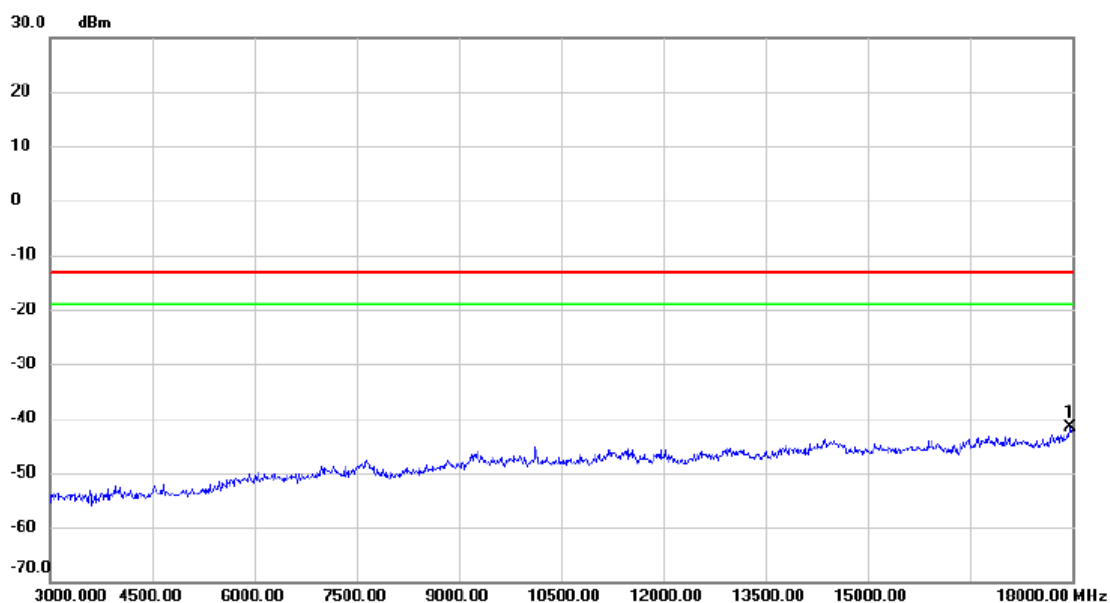
Test Mode:

PCS1900_TX CH661_GSM_without Earphone



Test Mode:	PCS1900_TX CH661_GSM_without Earphone
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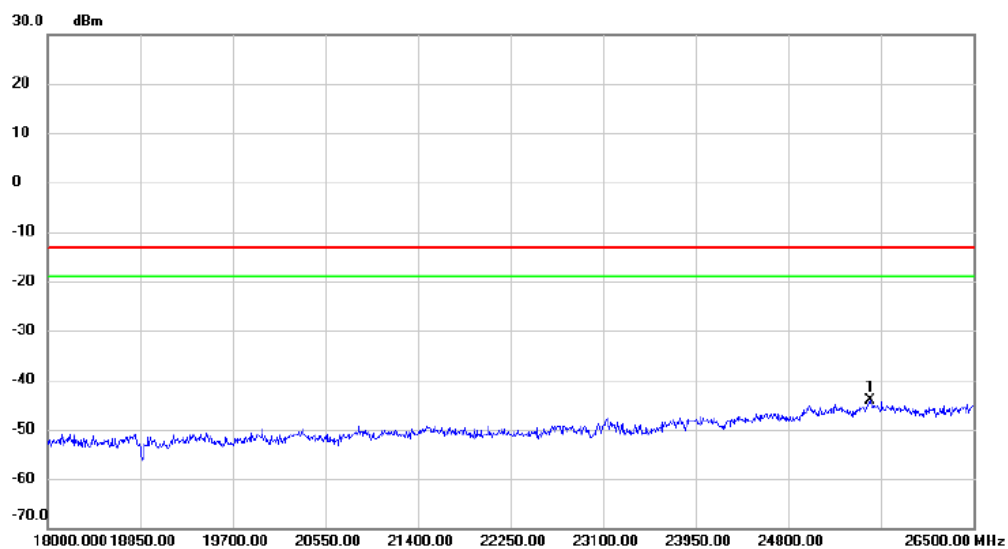
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	17969.970	-71.11	29.42	-41.69	-13.00	-28.69	peak	

Test Mode: PCS1900_TX CH661_GSM_without Earphone

Vertical

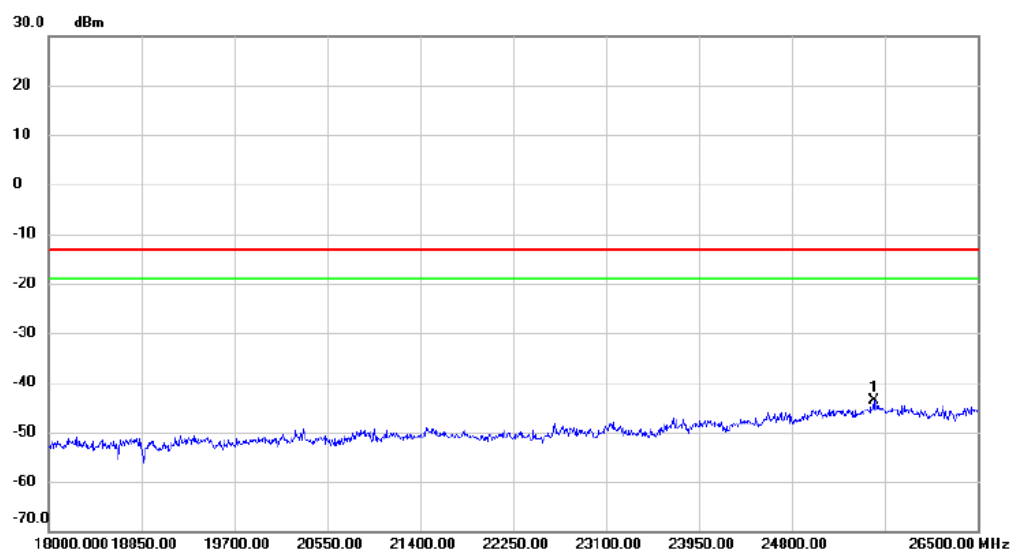


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25548.000	-67.20	23.00	-44.20	-13.00	-31.20	peak	

Test Mode:

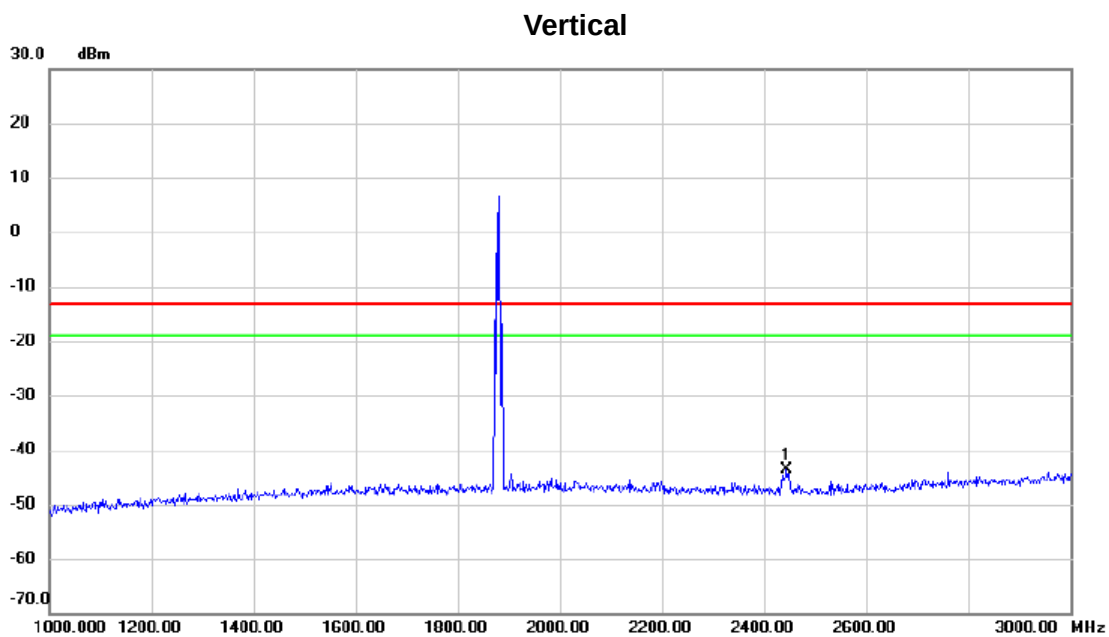
PCS1900_TX CH661_GSM_without Earphone

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25552.250	-66.58	22.98	-43.60	-13.00	-30.60	peak	

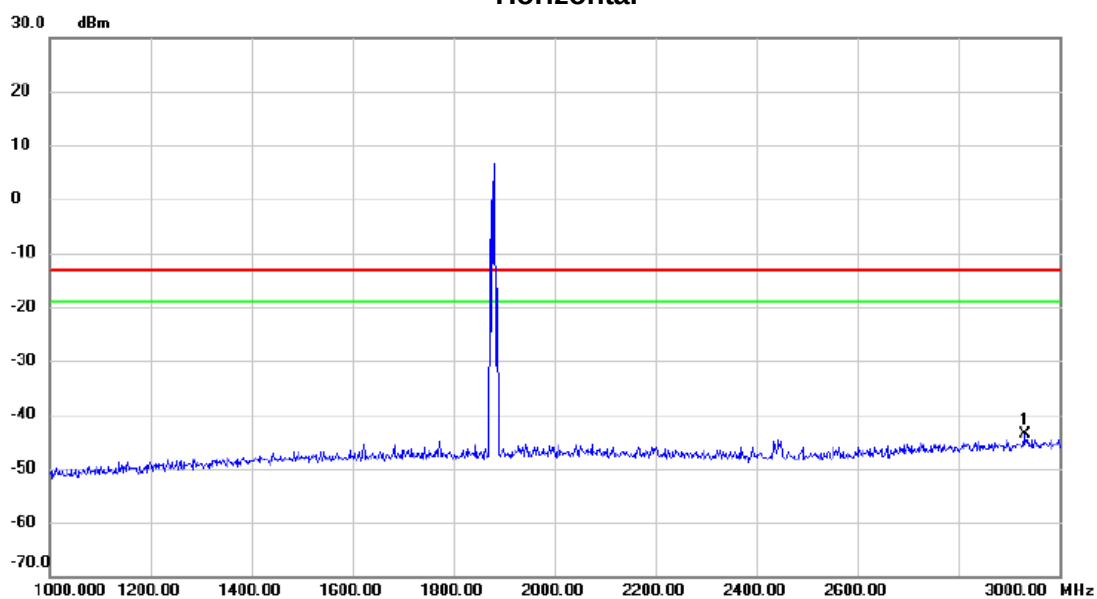
Test Mode: PCS1900_TX CH661_EDGE_with Earphone



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2444.000	-62.69	19.09	-43.60	-13.00	-30.60	peak	

Test Mode: PCS1900_TX CH661_EDGE_with Earphone

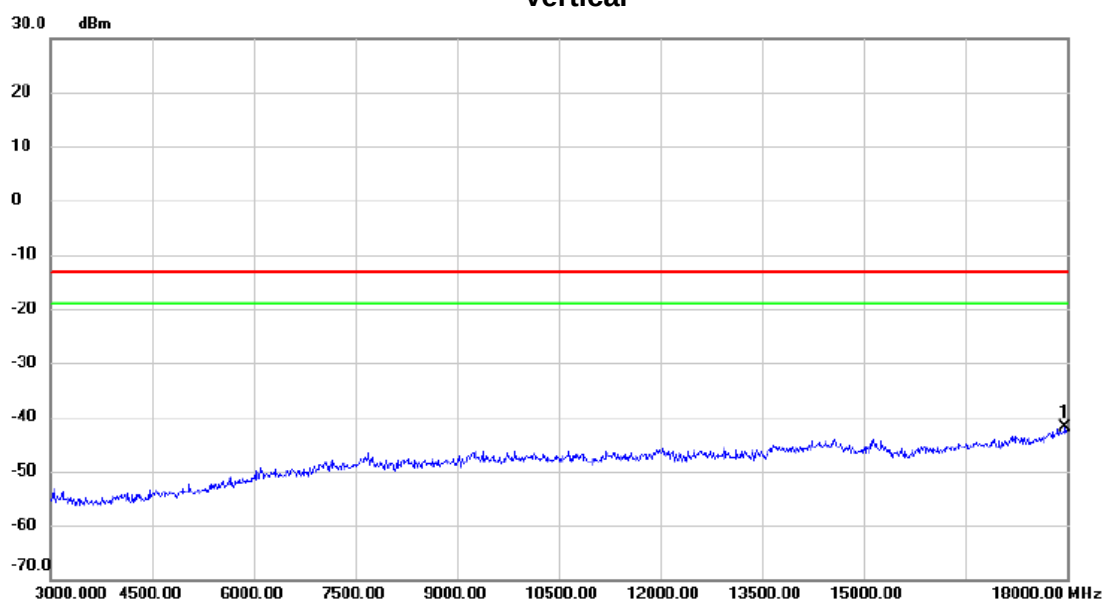
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2931.000	-65.41	21.67	-43.74	-13.00	-30.74	peak	

Test Mode: PCS1900_TX CH661_EDGE_with Earphone

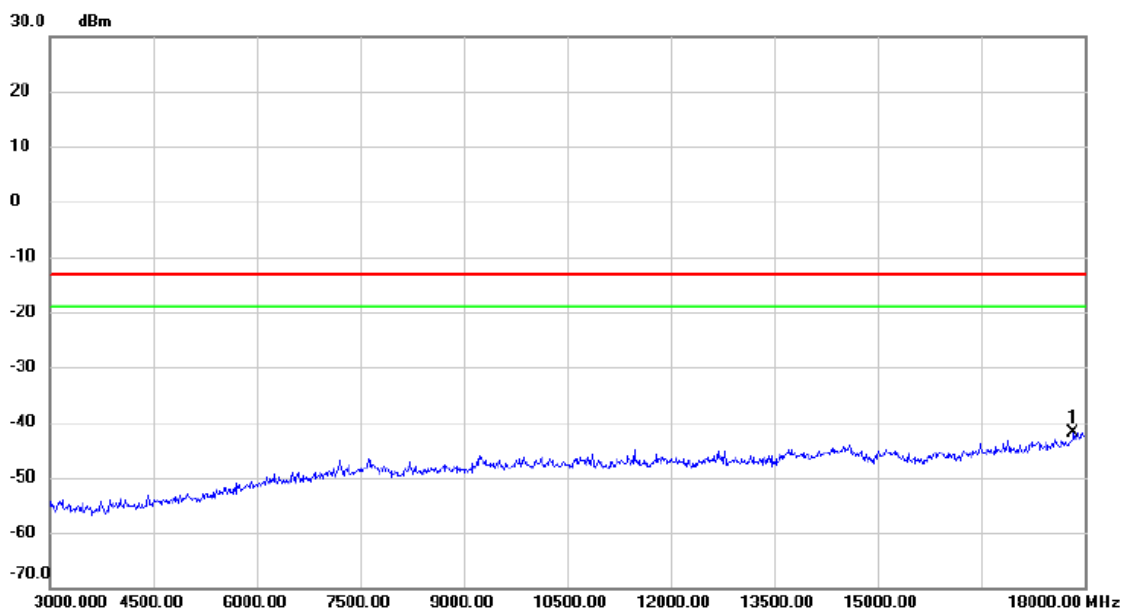
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	17970.000	-71.32	29.42	-41.90	-13.00	-28.90	peak	

Test Mode: PCS1900_TX CH661_EDGE_with Earphone

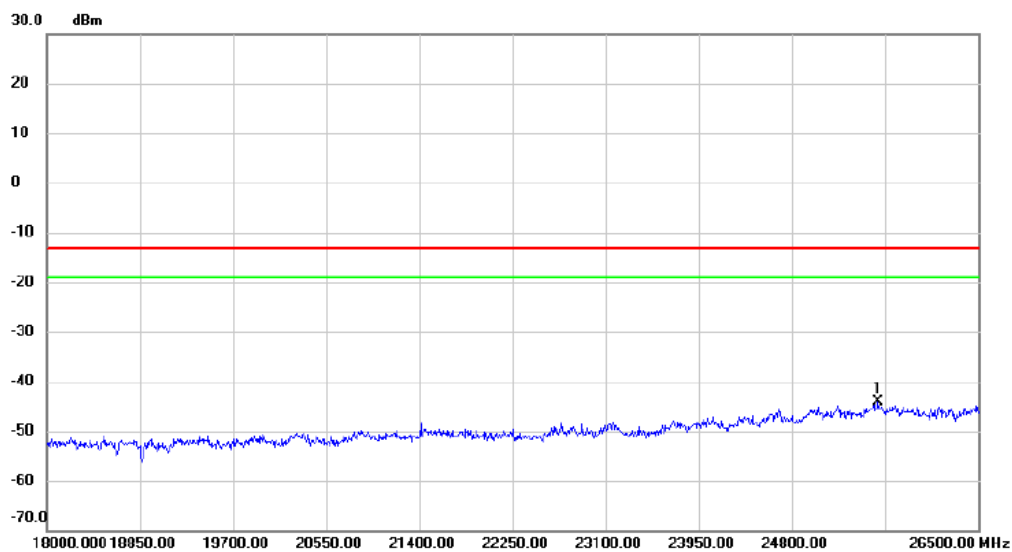
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	17835.000	-70.87	29.02	-41.85	-13.00	-28.85	peak	

Test Mode:	PCS1900_TX CH661_EDGE_with Earphone
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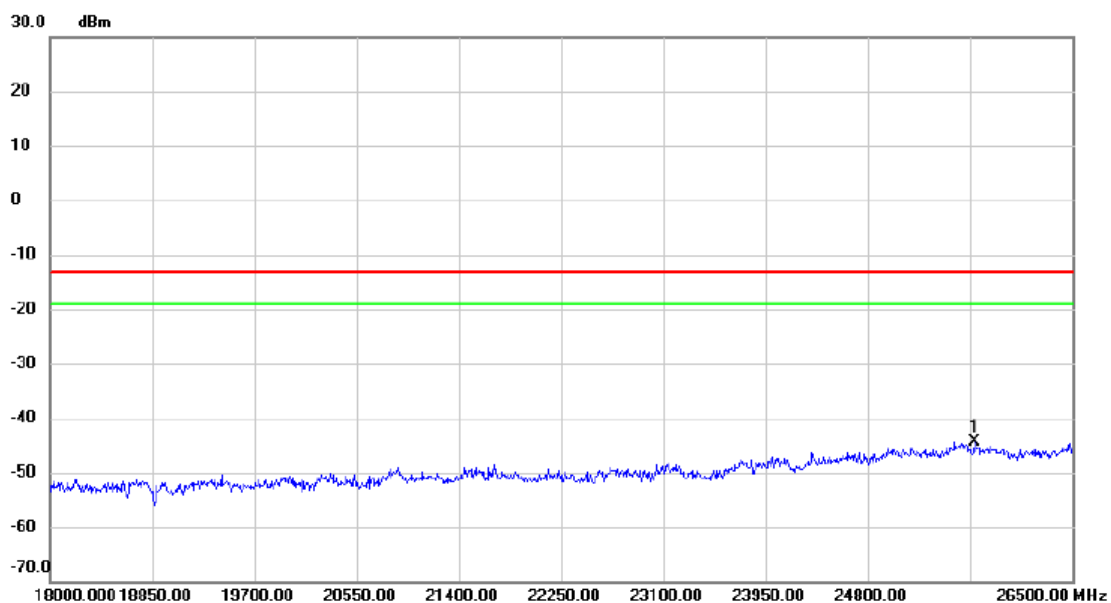
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25590.500	-67.05	22.94	-44.11	-13.00	-31.11	peak	

Test Mode:	PCS1900_TX CH661_EDGE_with Earphone
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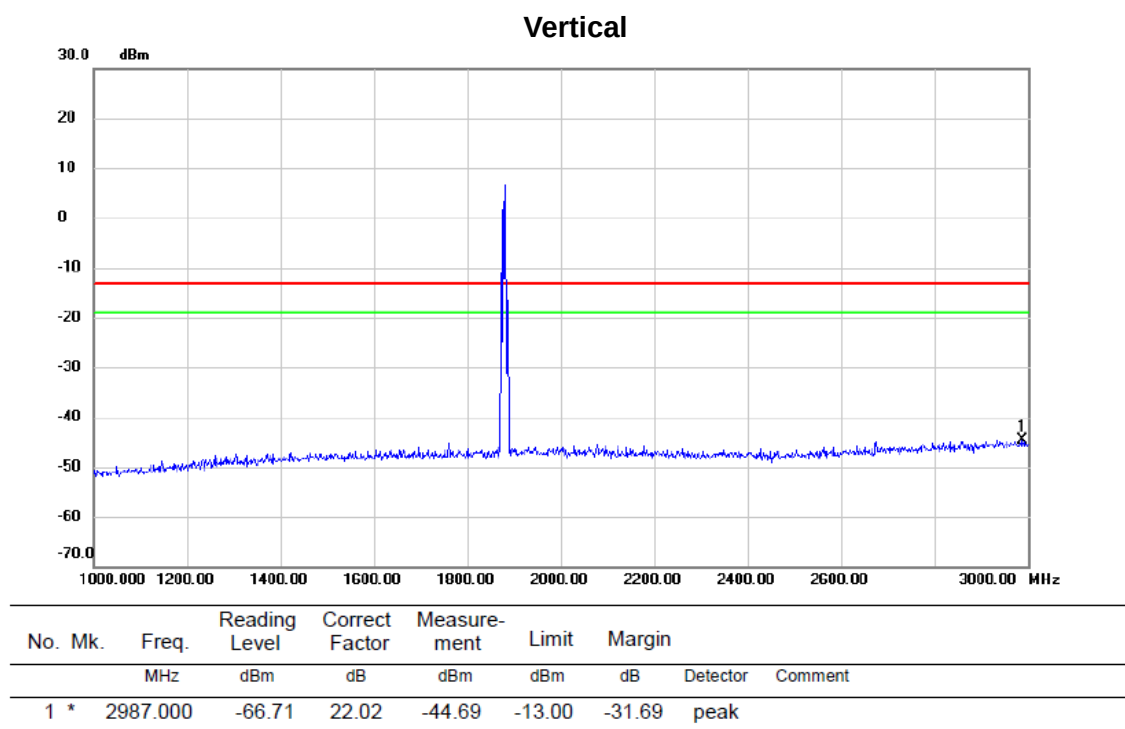
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25684.000	-67.14	22.83	-44.31	-13.00	-31.31	peak	

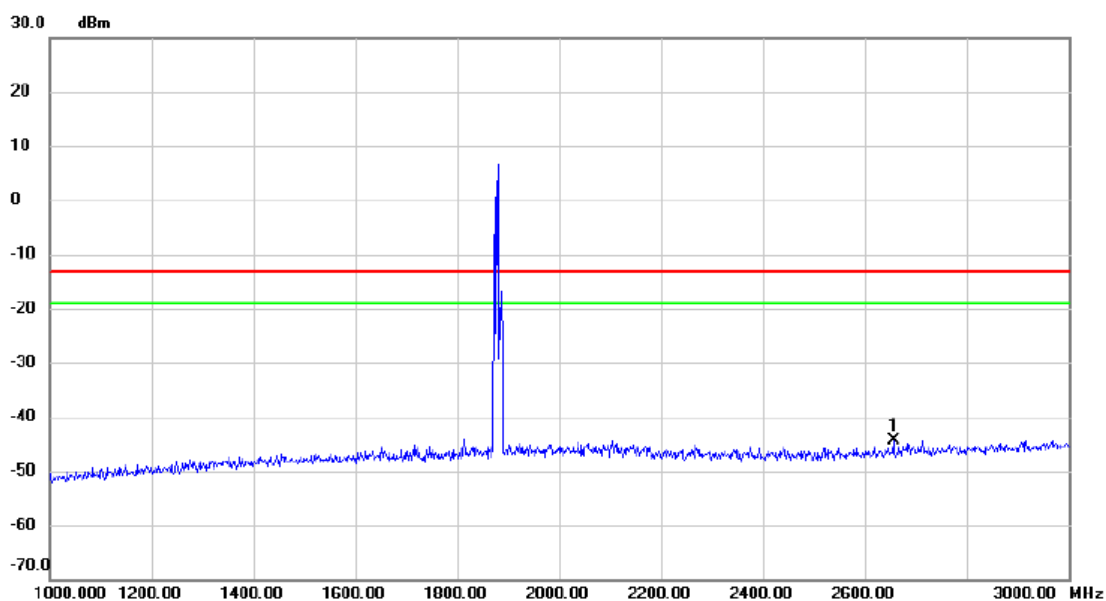
Test Mode:

PCS1900_TX CH661_EDGE_without Earphone



Test Mode: PCS1900_TX CH661_EDGE_without Earphone

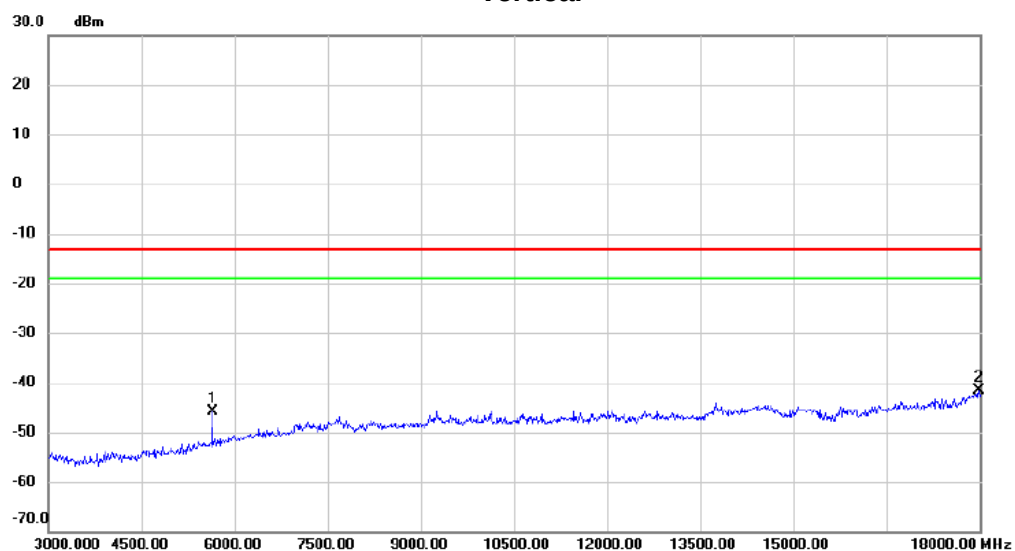
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2656.000	-64.32	19.99	-44.33	-13.00	-31.33	peak	

Test Mode: PCS1900_TX CH661_EDGE_without Earphone

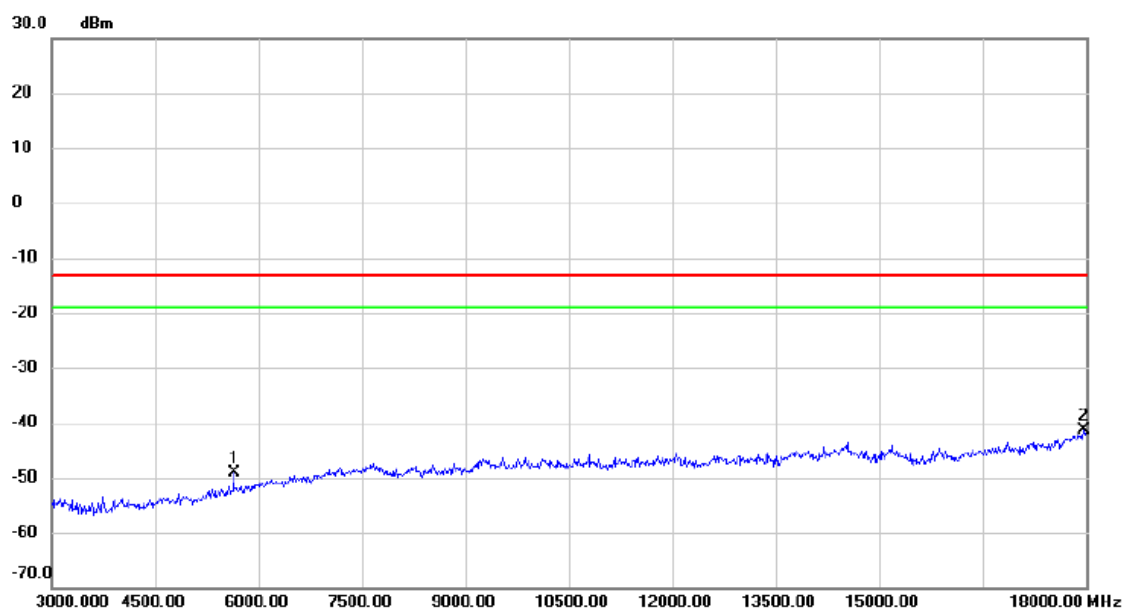
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5640.000	-63.40	17.47	-45.93	-13.00	-32.93	peak	
2	*	17992.500	-71.00	29.48	-41.52	-13.00	-28.52	peak	

Test Mode: PCS1900_TX CH661_EDGE_without Earphone

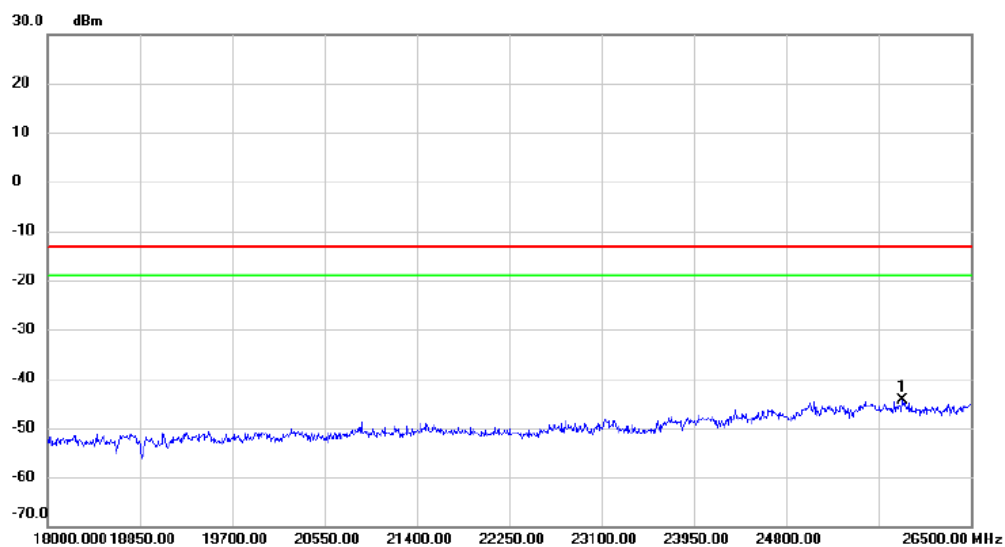
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		5640.000	-66.56	17.47	-49.09	-13.00	-36.09	peak	
2	*	17970.000	-70.75	29.42	-41.33	-13.00	-28.33	peak	

Test Mode: PCS1900_TX CH661_EDGE_without Earphone

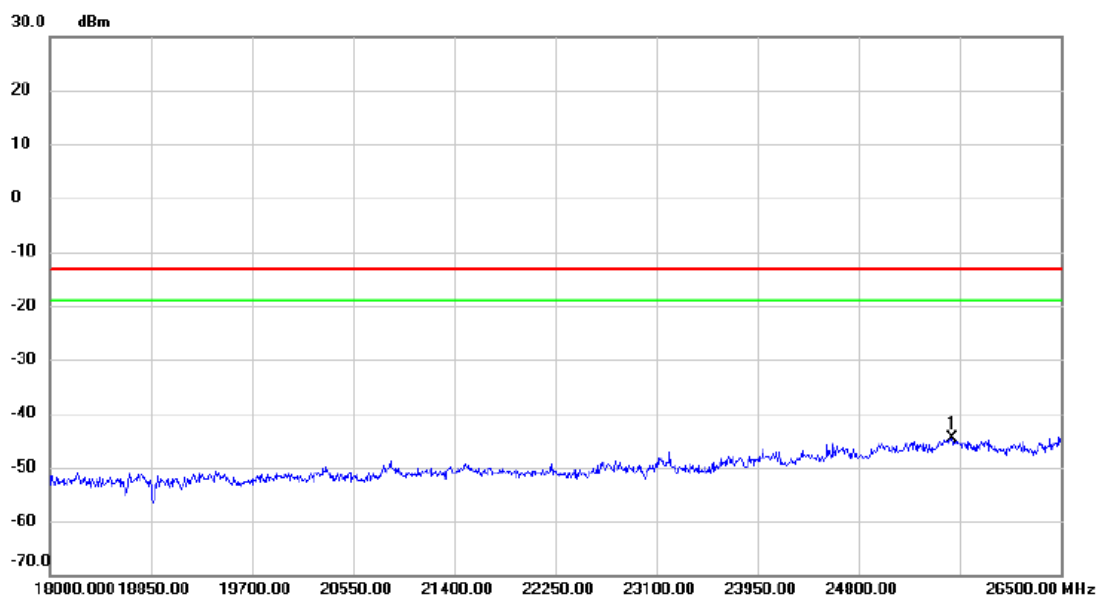
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBm	dB	dBm	dBm	dB		
1 *	25871.000	-67.01	22.62	-44.39	-13.00	-31.39	peak	

Test Mode: PCS1900_TX CH661_EDGE_without Earphone

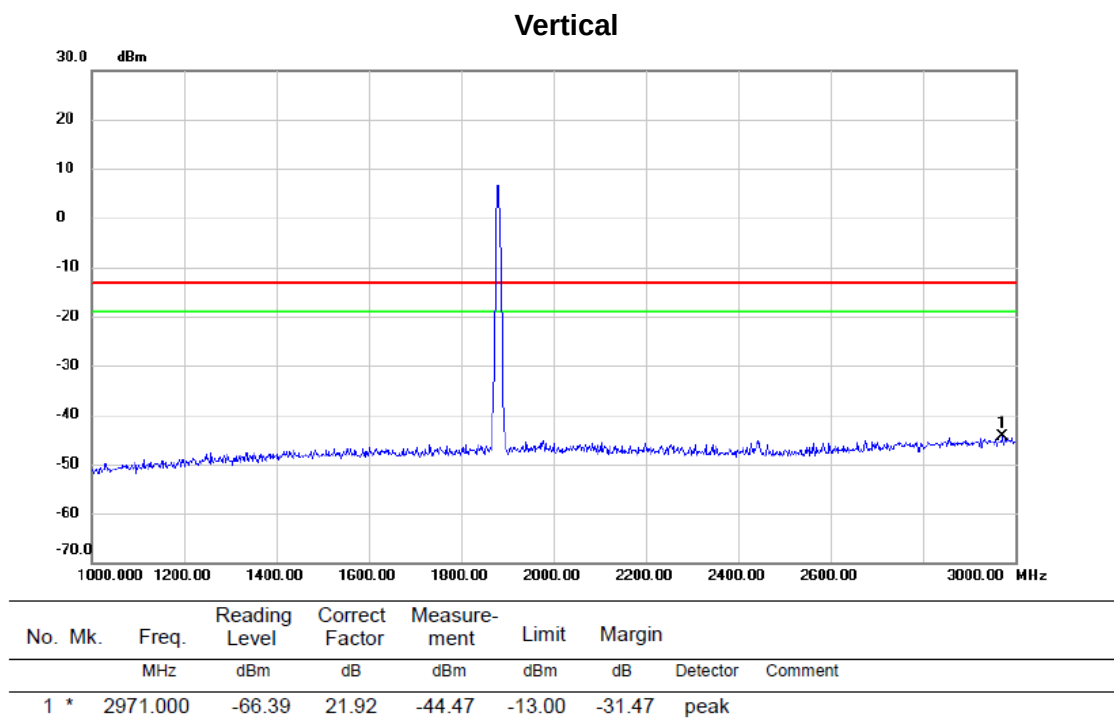
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25586.250	-67.52	22.95	-44.57	-13.00	-31.57	peak	

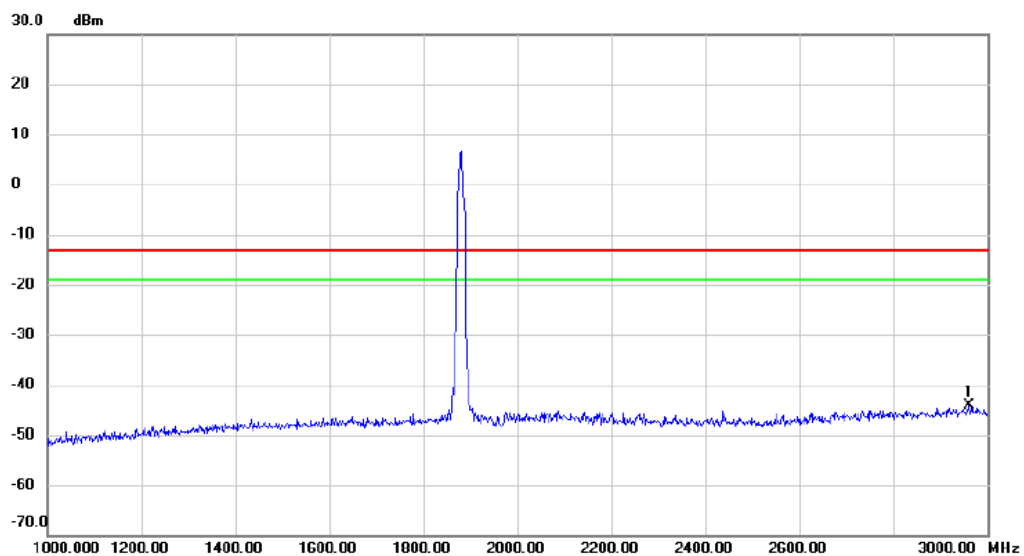
Test Mode:

WCDMA Band II_TX CH9400



Test Mode: WCDMA Band II_TX CH9400

Horizontal

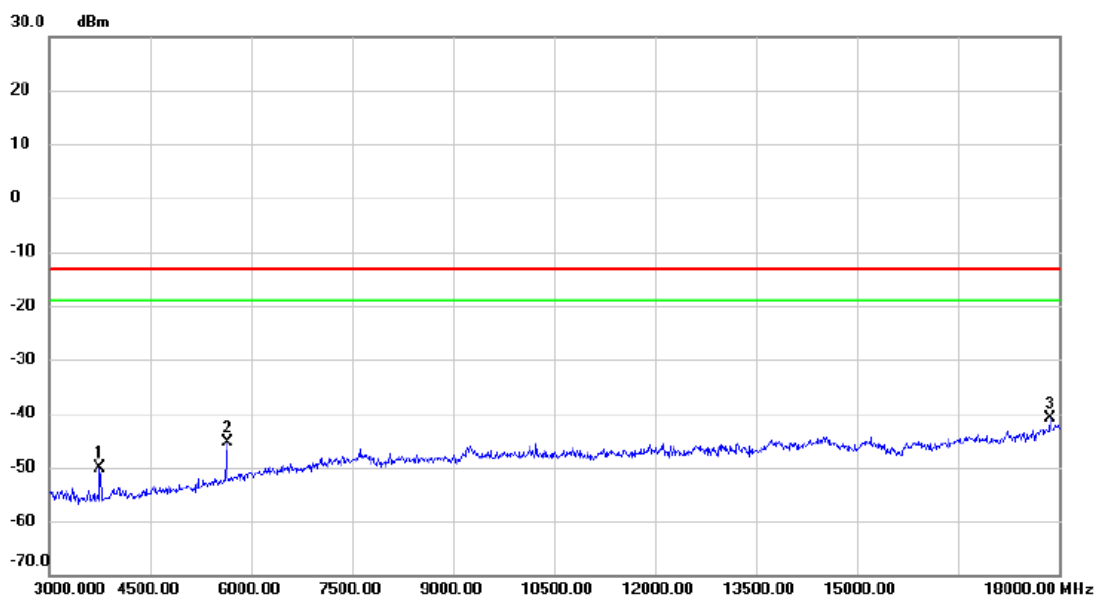


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2961.000	-66.09	21.86	-44.23	-13.00	-31.23	peak	

Test Mode:

WCDMA Band II_TX CH9400

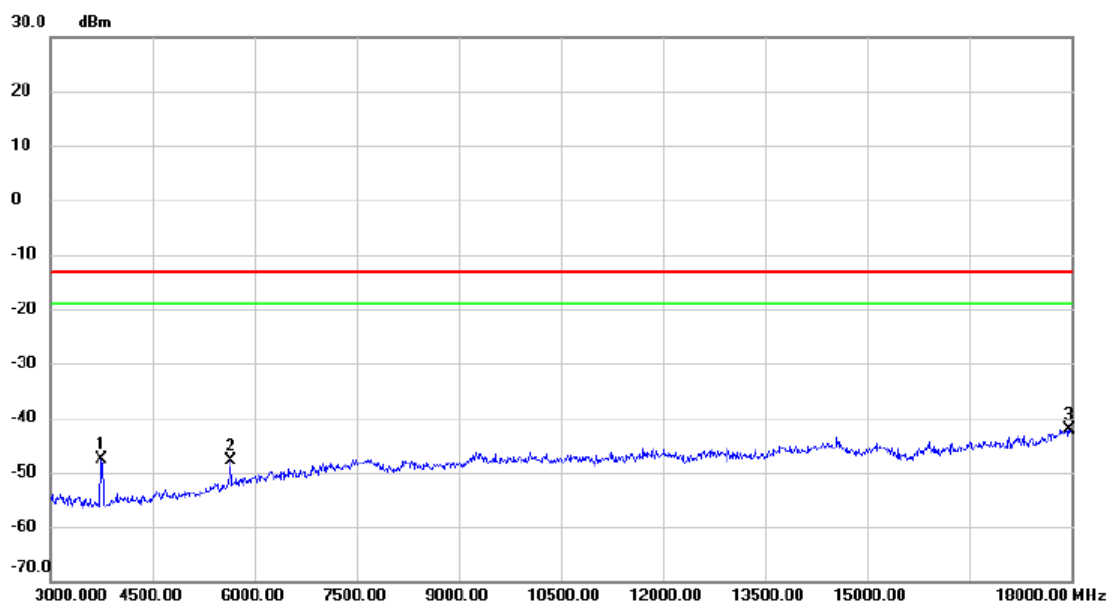
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3757.500	-62.86	12.76	-50.10	-13.00	-37.10	peak	
2		5640.000	-62.93	17.47	-45.46	-13.00	-32.46	peak	
3	*	17865.000	-69.99	29.10	-40.89	-13.00	-27.89	peak	

Test Mode: WCDMA Band II_TX CH9400

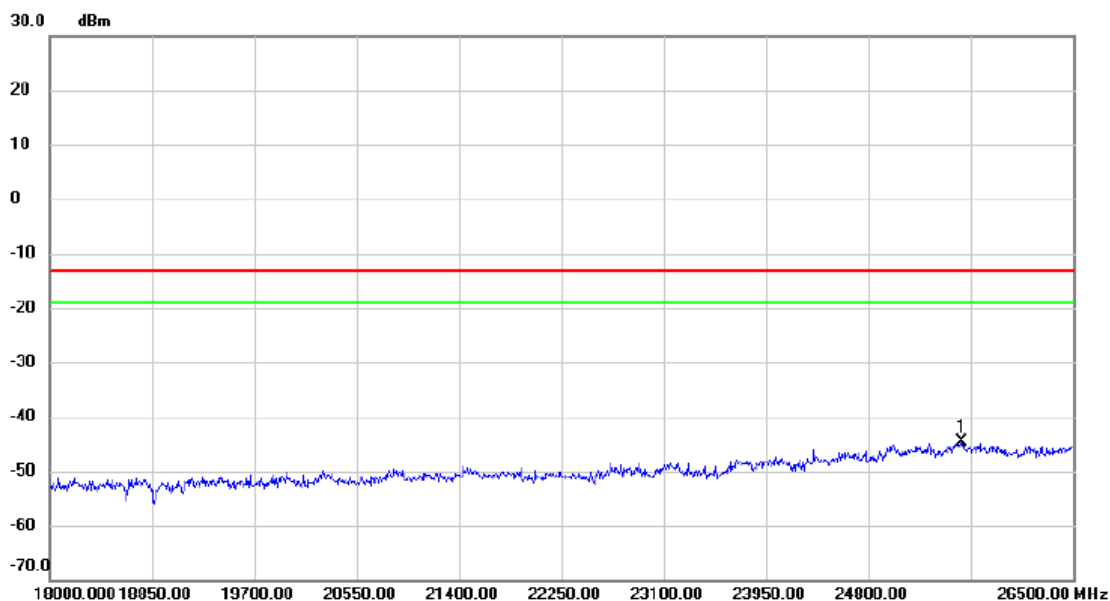
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3757.500	-60.43	12.76	-47.67	-13.00	-34.67	peak	
2		5640.000	-65.23	17.47	-47.76	-13.00	-34.76	peak	
3	*	17977.500	-71.66	29.44	-42.22	-13.00	-29.22	peak	

Test Mode: WCDMA Band II_TX CH9400

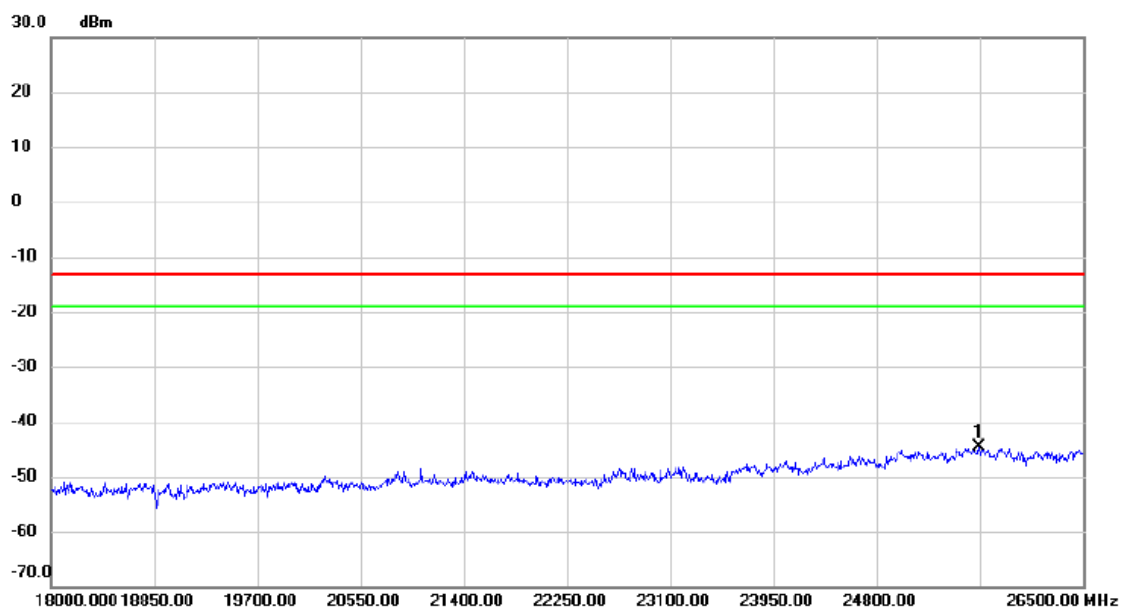
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25577.750	-67.46	22.96	-44.50	-13.00	-31.50	peak	

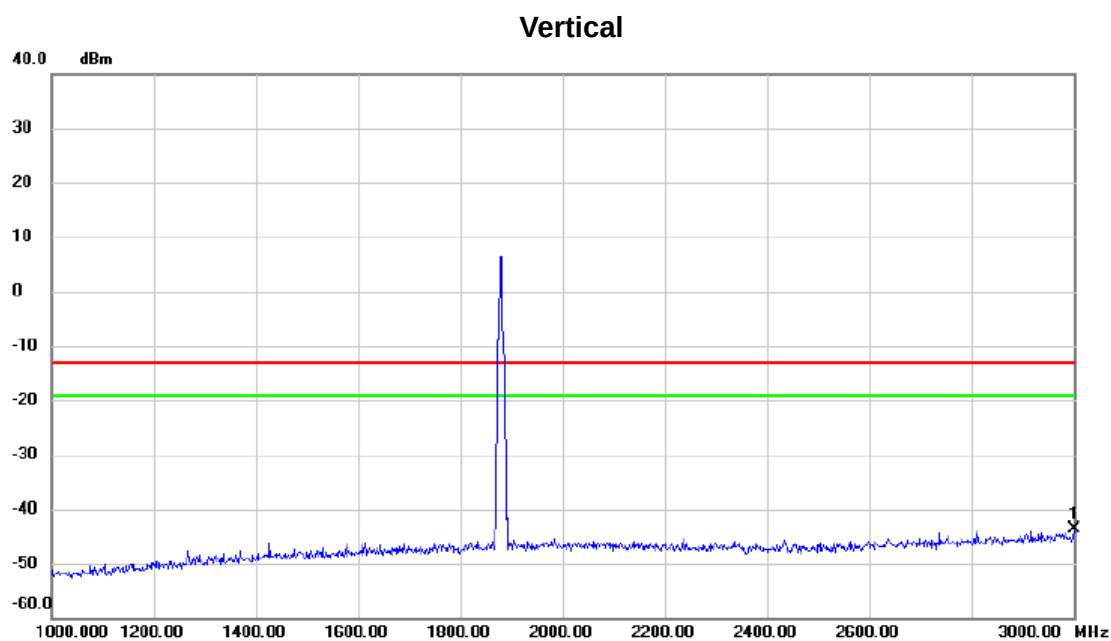
Test Mode: WCDMA Band II_TX CH9400

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25645.750	-67.42	22.88	-44.54	-13.00	-31.54	peak	

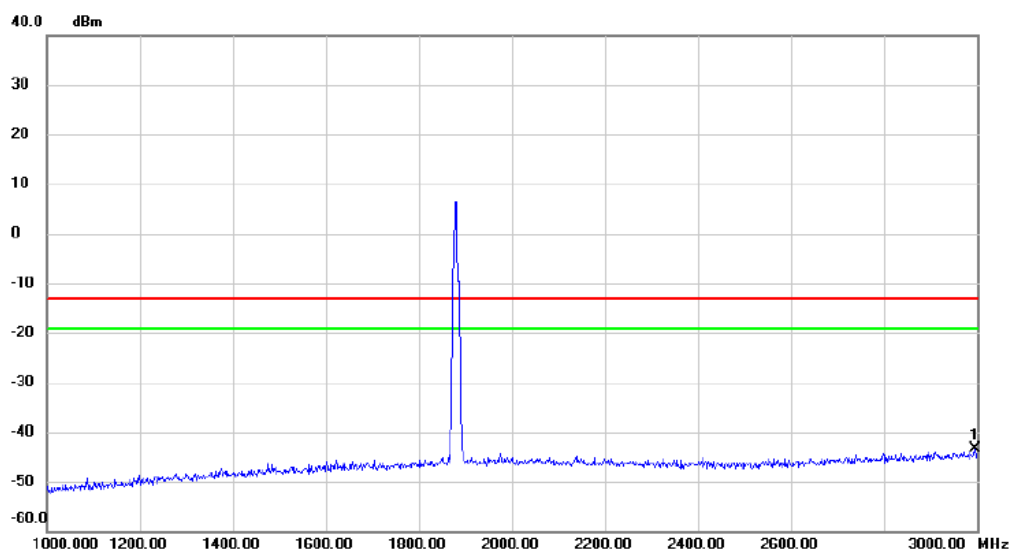
Test Mode: LTE Band 2_TX CH18900_1.4M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3000.000	-65.66	22.15	-43.51	-13.00	-30.51	peak	

Test Mode:	LTE Band 2_TX CH18900_1.4M
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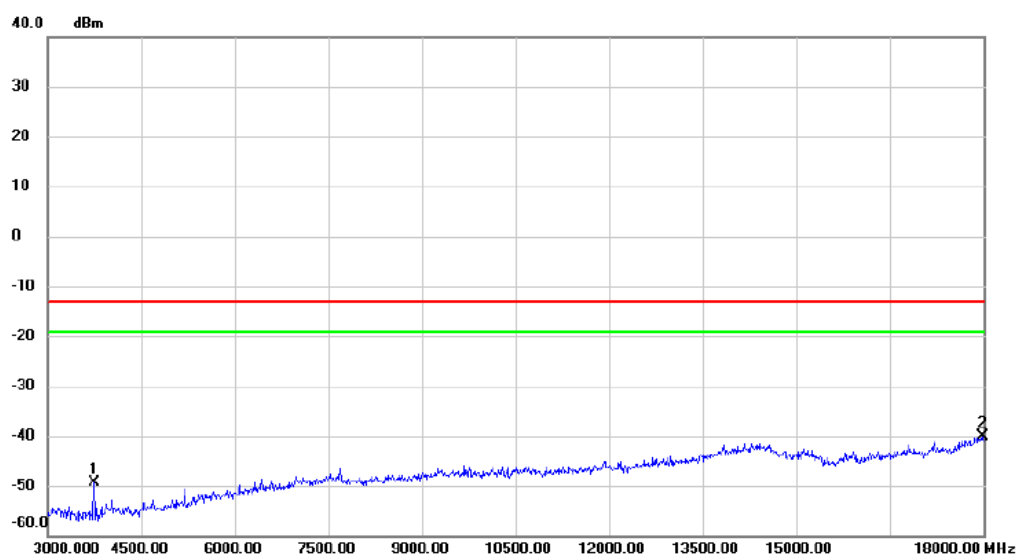
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2997.000	-65.56	22.13	-43.43	-13.00	-30.43	peak	

Test Mode: LTE Band 2_TX CH18900_1.4M

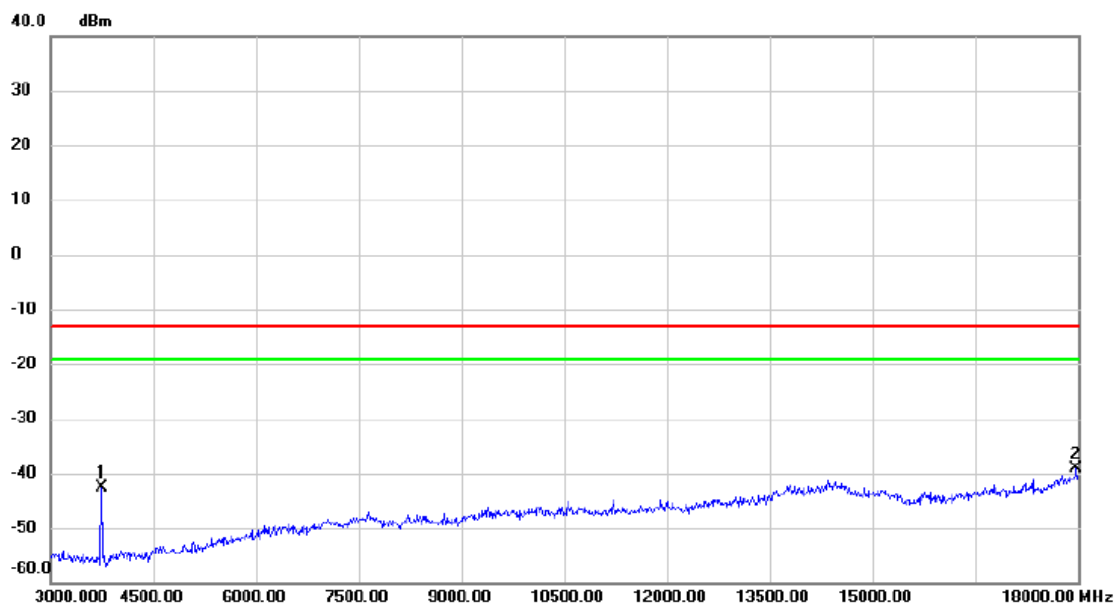
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3757.500	-62.10	12.84	-49.26	-13.00	-36.26	peak	
2	*	17992.500	-71.00	30.98	-40.02	-13.00	-27.02	peak	

Test Mode: LTE Band 2_TX CH18900_1.4M

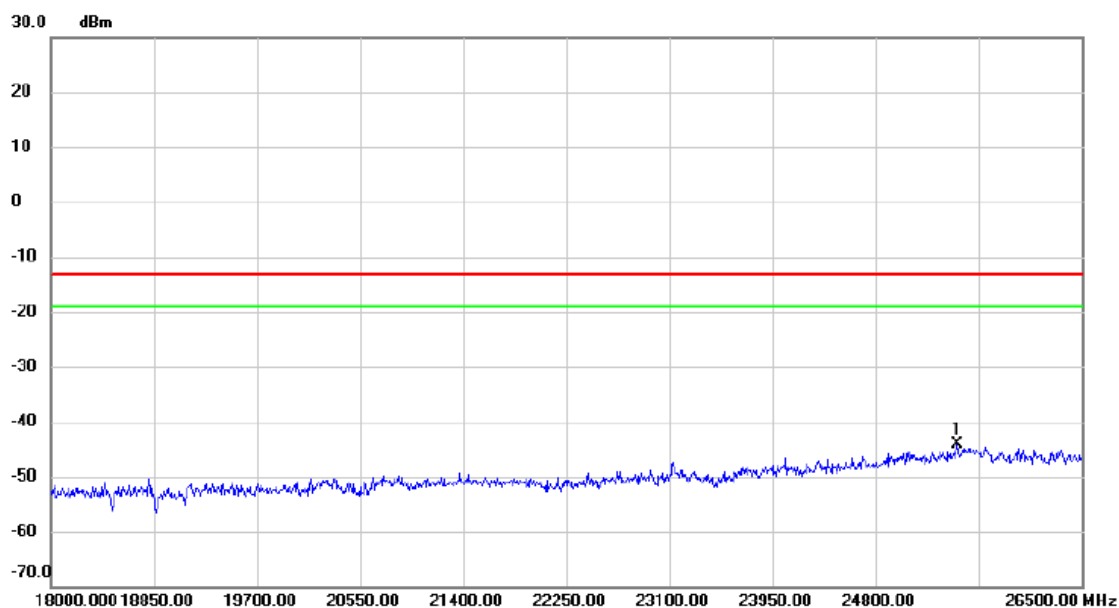
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3757.500	-55.51	12.84	-42.67	-13.00	-29.67	peak	
2	*	17970.000	-70.08	30.92	-39.16	-13.00	-26.16	peak	

Test Mode: LTE Band 2_TX CH18900_1.4M

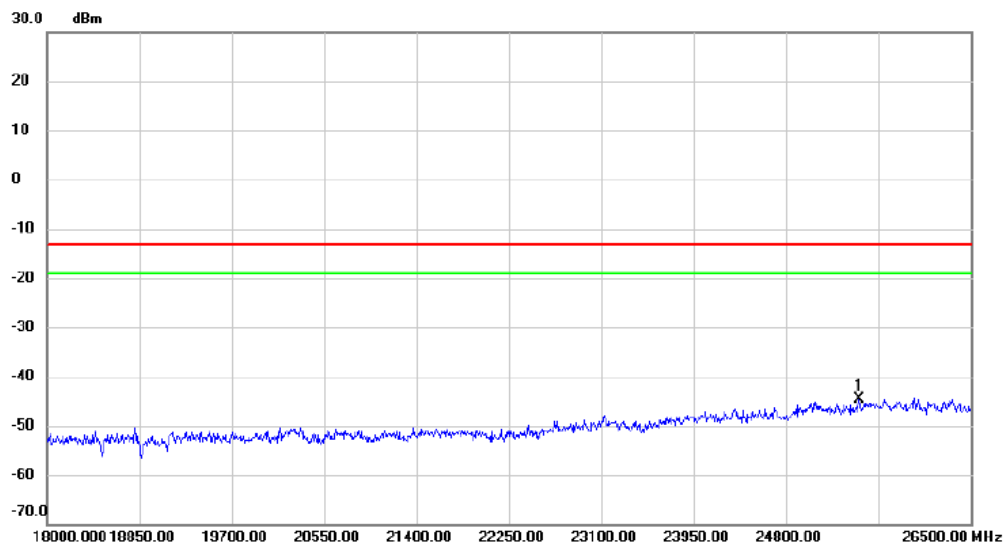
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25471.500	-67.11	23.02	-44.09	-13.00	-31.09	peak	

Test Mode: LTE Band 2_TX CH18900_1.4M

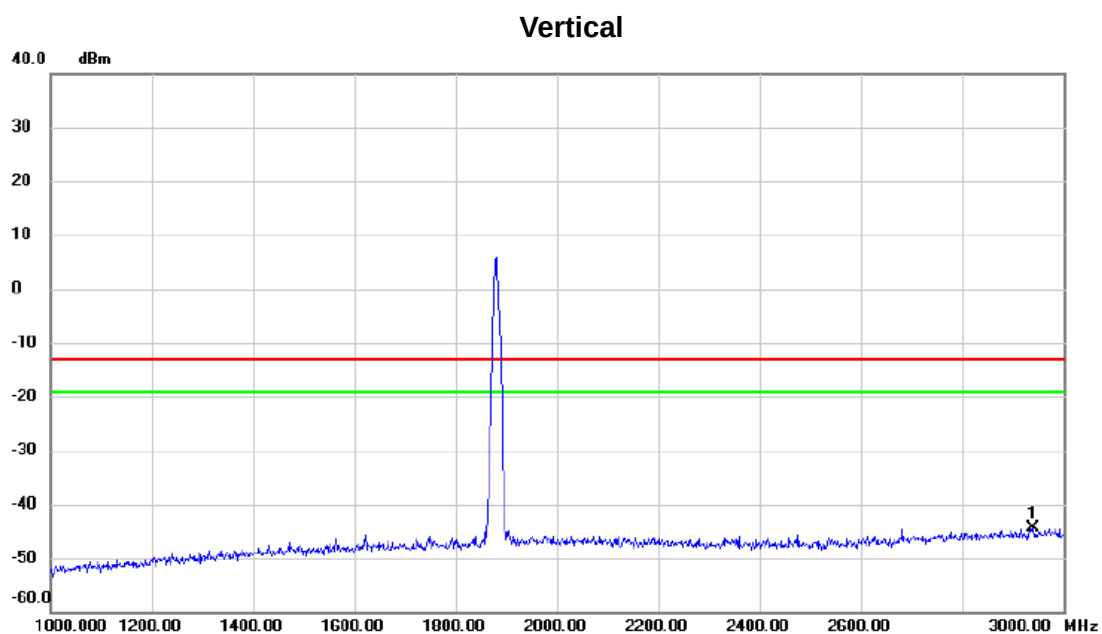
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25471.500	-67.61	23.02	-44.59	-13.00	-31.59	peak	

Test Mode:

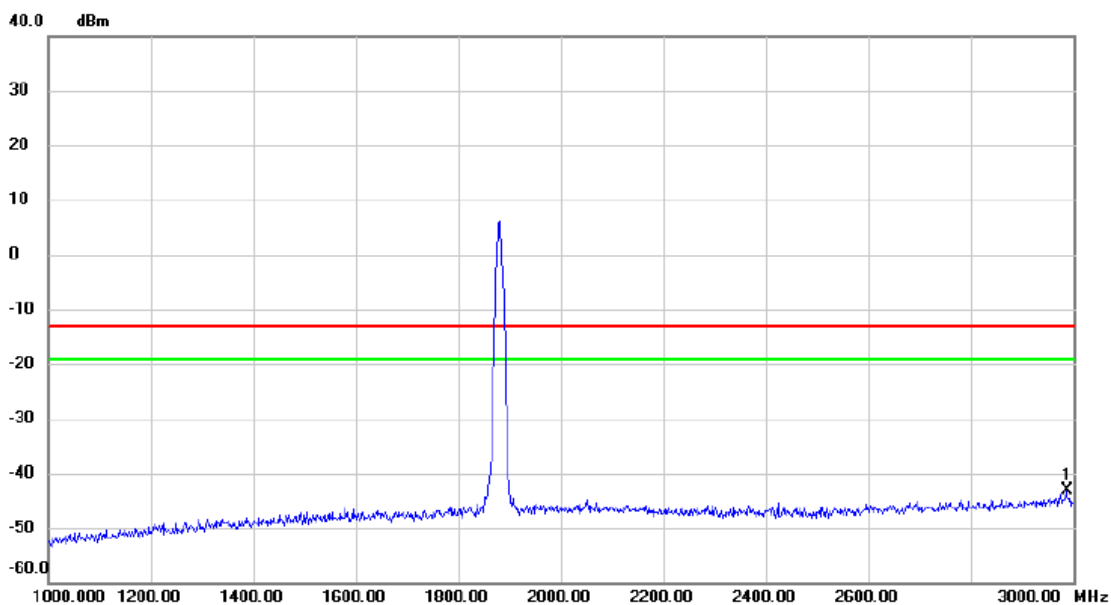
LTE Band 2_ TX CH18900_5M



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Detector	Comment
		MHz	Level	Factor	ment				
			dBm	dB	dBm	dBm	dB		
1	*	2941.000	-66.27	21.79	-44.48	-13.00	-31.48	peak	

Test Mode:	LTE Band 2_ TX CH18900_5M
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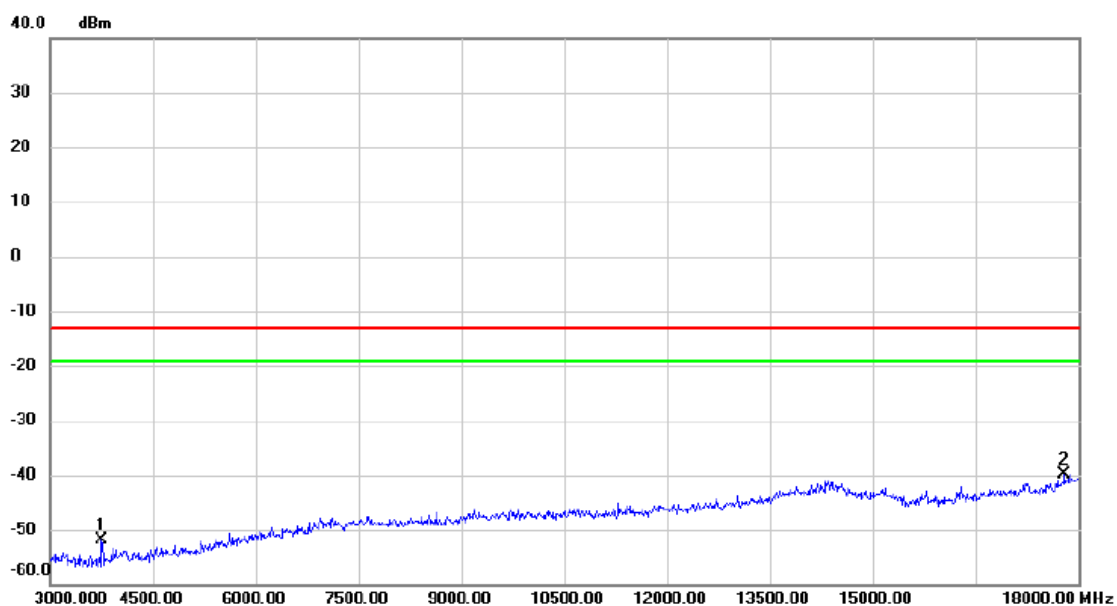
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2987.000	-65.26	22.07	-43.19	-13.00	-30.19	peak	

Test Mode: LTE Band 2_ TX CH18900_5M

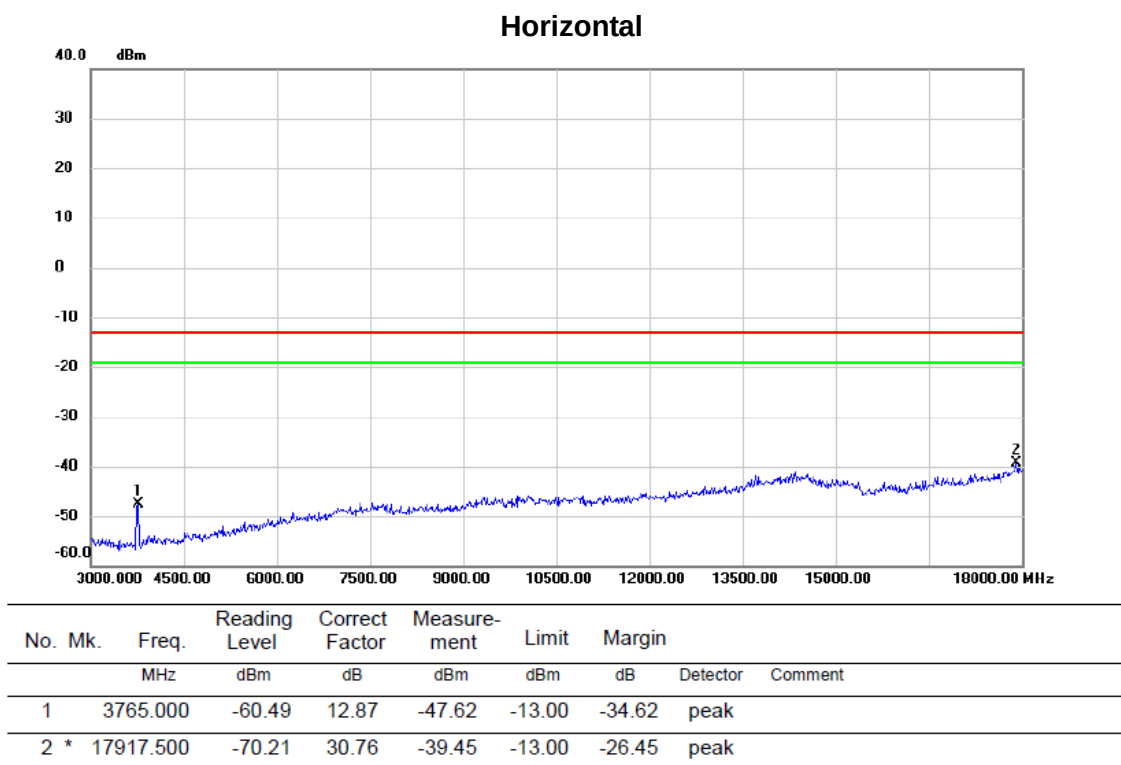
Vertical



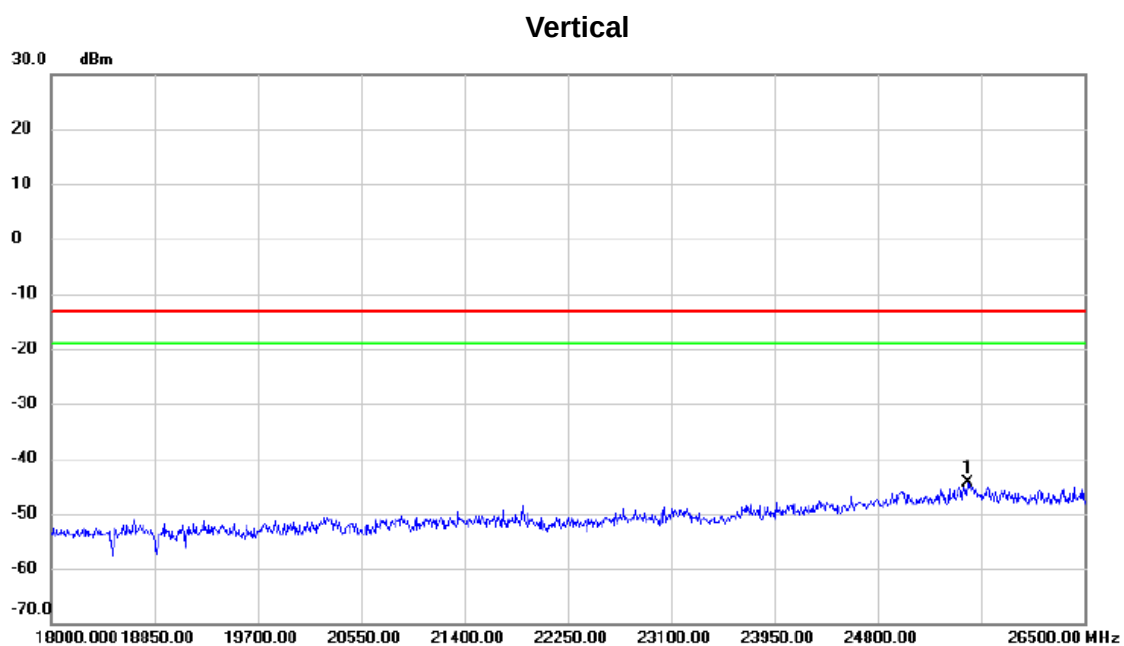
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3757.500	-64.67	12.84	-51.83	-13.00	-38.83	peak	
2	*	17797.500	-70.27	30.39	-39.88	-13.00	-26.88	peak	

Test Mode:

LTE Band 2_ TX CH18900_5M



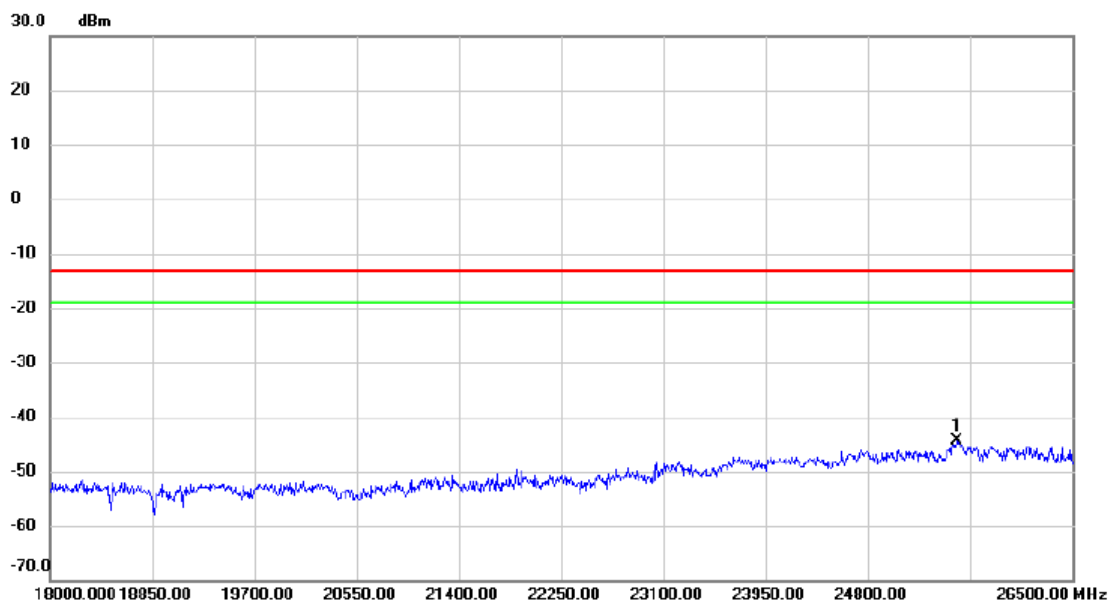
Test Mode: LTE Band 2_ TX CH18900_5M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25543.750	-67.34	23.00	-44.34	-13.00	-31.34	peak	

Test Mode: LTE Band 2_ TX CH18900_5M

Horizontal

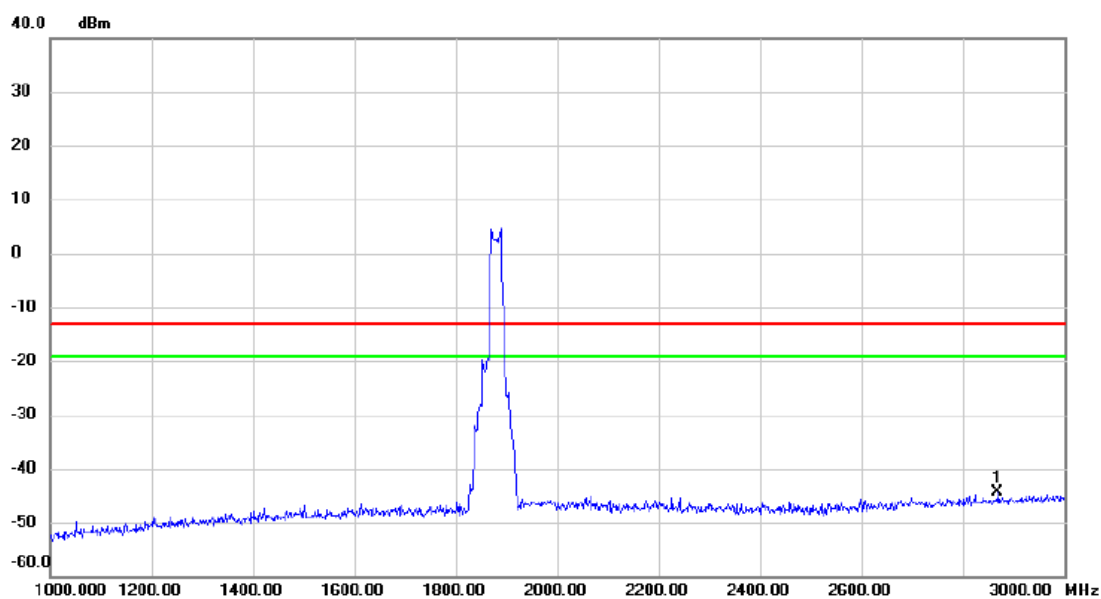


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	25543.750	-67.34	23.00	-44.34	-13.00	-31.34	peak	

Test Mode:

LTE Band 2_TX CH18900_20M

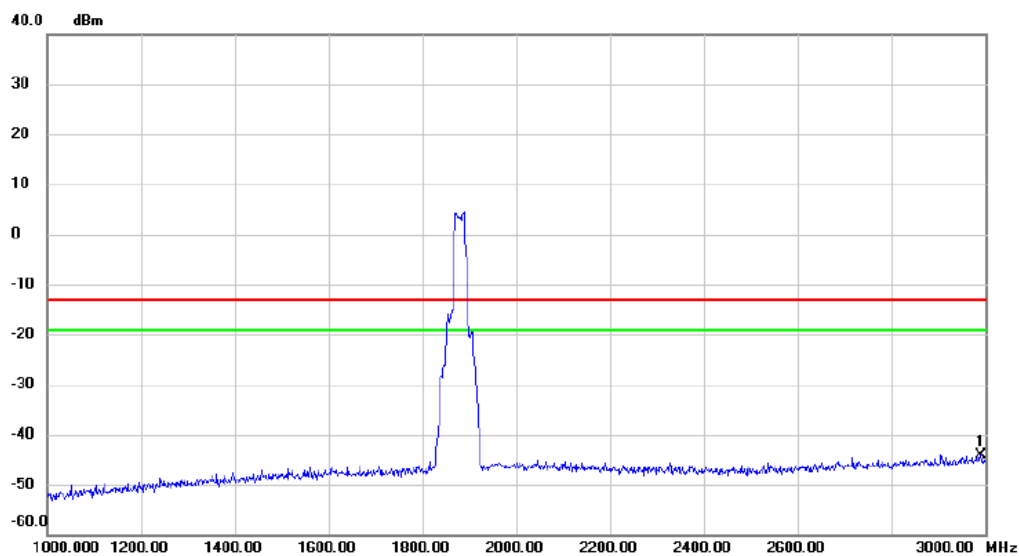
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2869.000	-65.75	21.34	-44.41	-13.00	-31.41	peak	

Test Mode:	LTE Band 2_TX CH18900_20M
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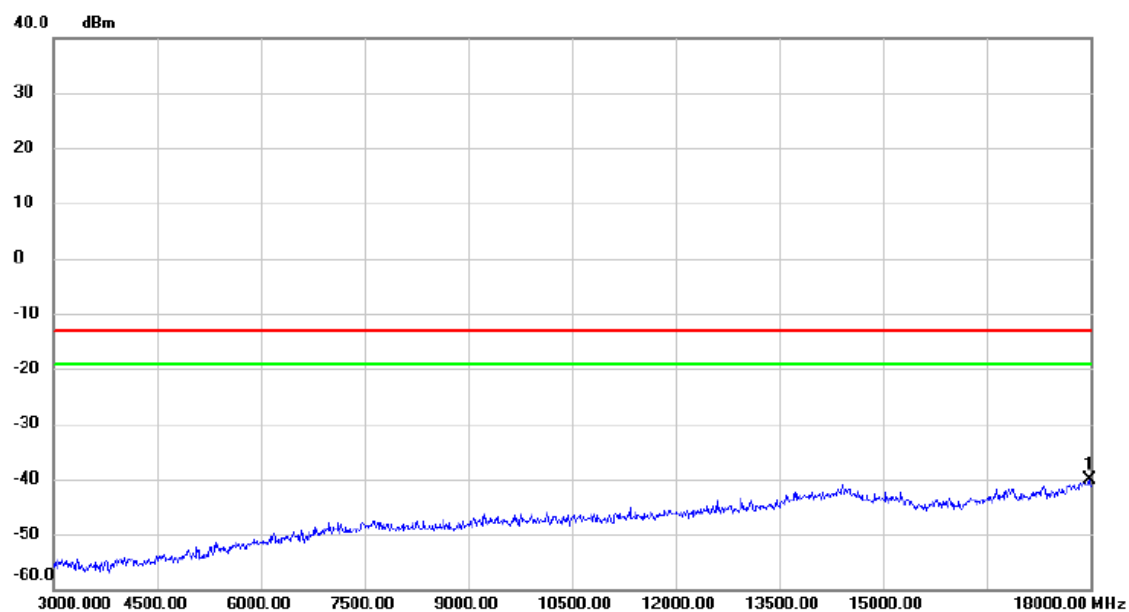
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2990.000	-66.21	22.08	-44.13	-13.00	-31.13	peak	

Test Mode: LTE Band 2_TX CH18900_20M

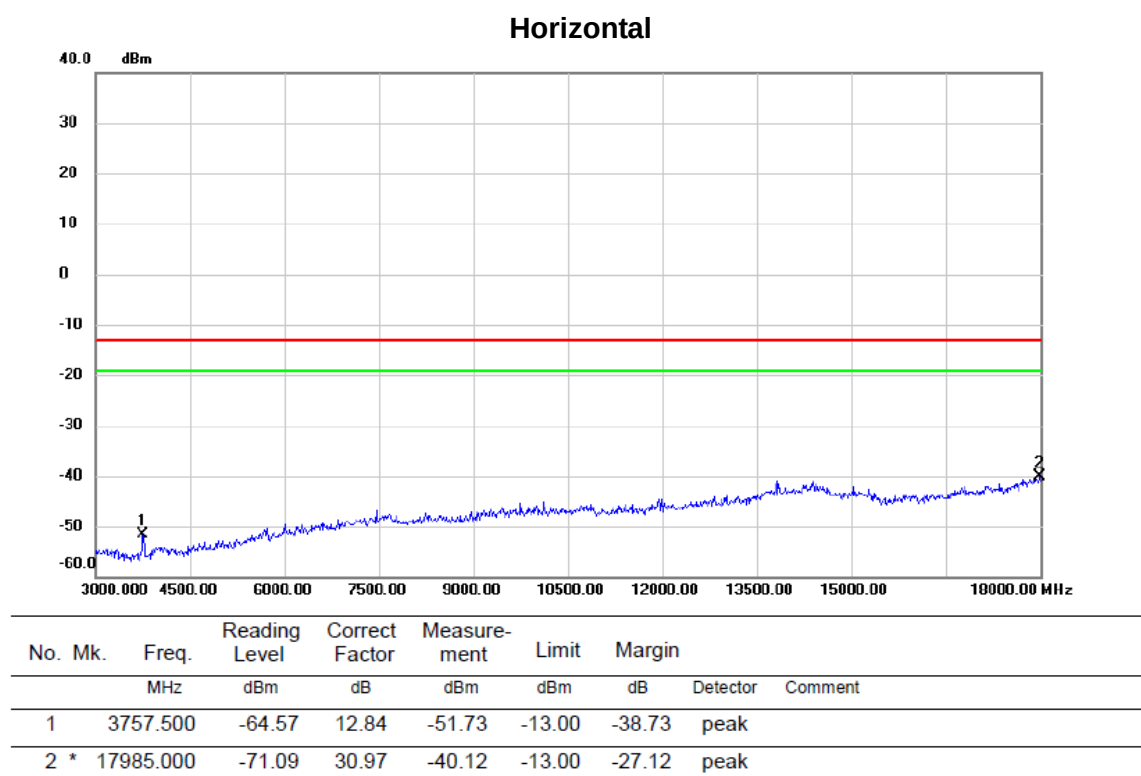
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	17985.000	-71.07	30.97	-40.10	-13.00	-27.10	peak	

Test Mode:

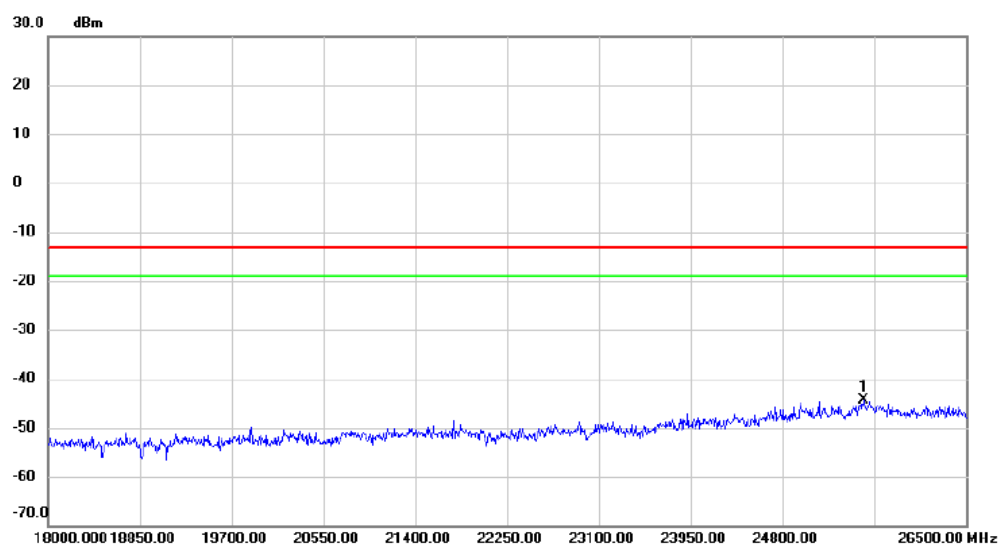
LTE Band 2_TX CH18900_20M



Test Mode:

LTE Band 2_TX CH18900_20M

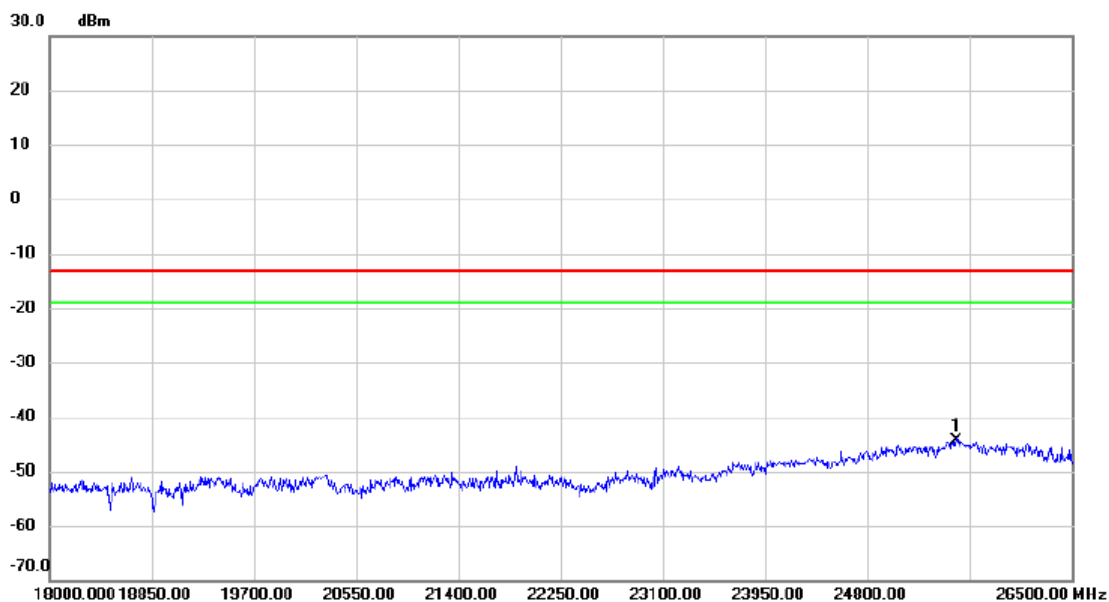
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25556.500	-67.24	22.98	-44.26	-13.00	-31.26	peak	

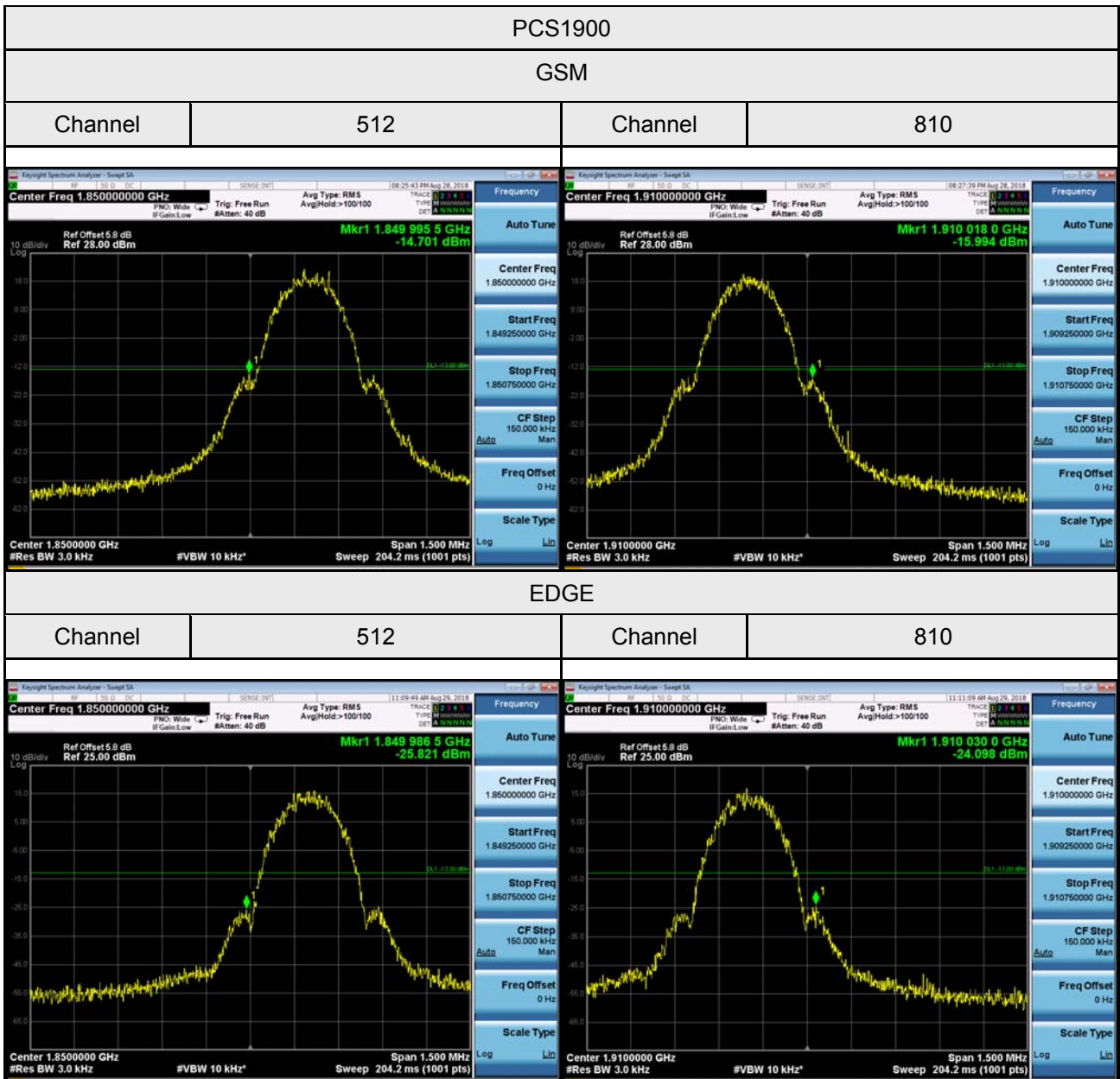
Test Mode:	LTE Band 2_TX CH18900_20M
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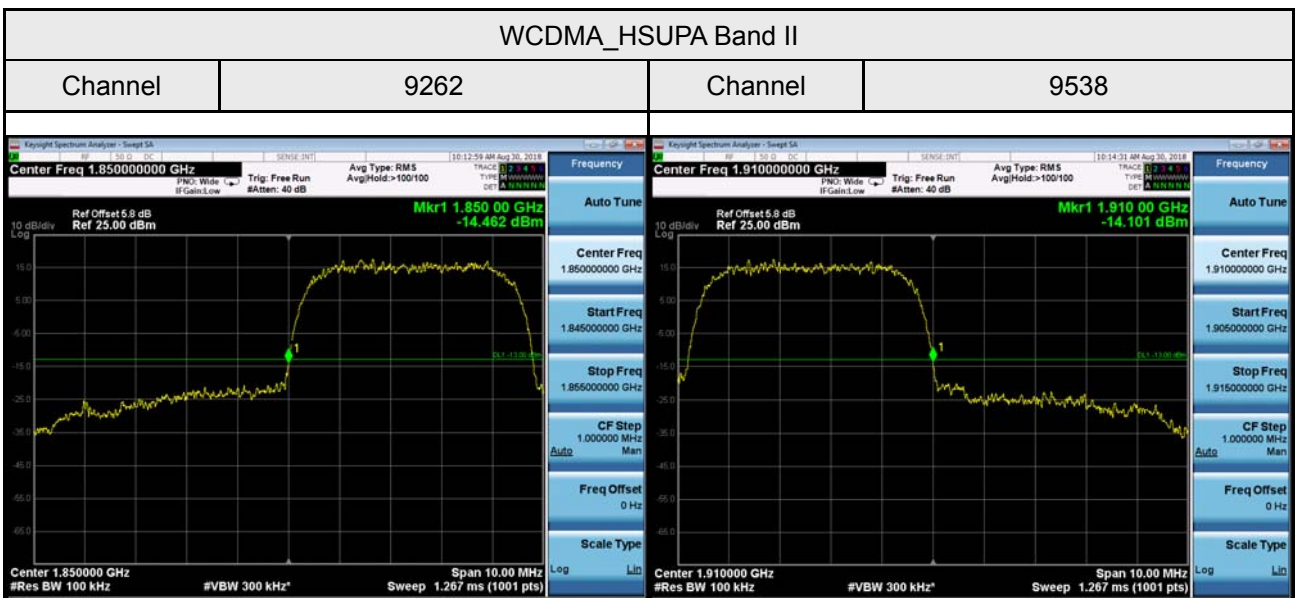
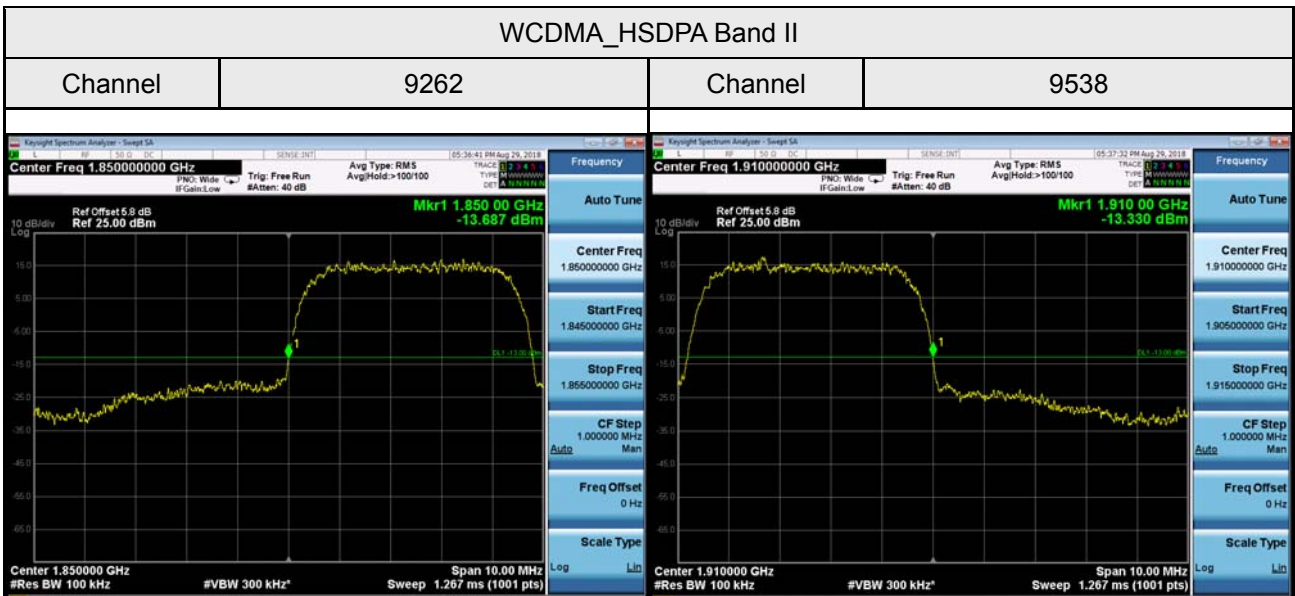
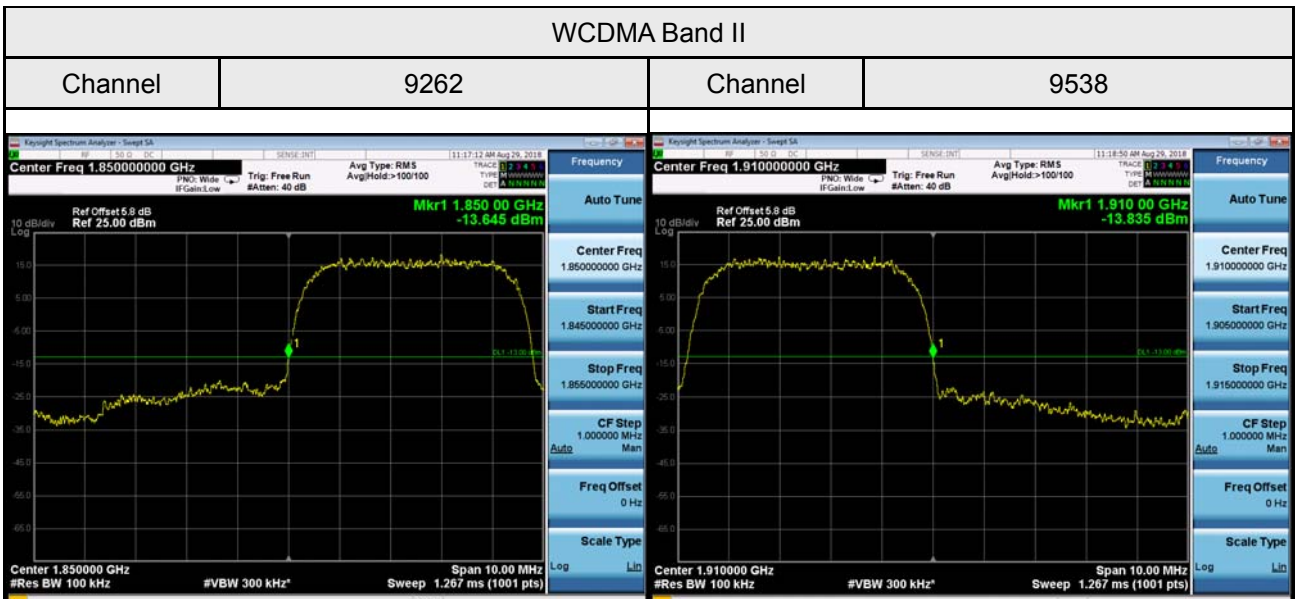
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25543.750	-67.34	23.00	-44.34	-13.00	-31.34	peak	

APPENDIX G - BAND EDGE





LTE Band 2_1.4M

1RB0

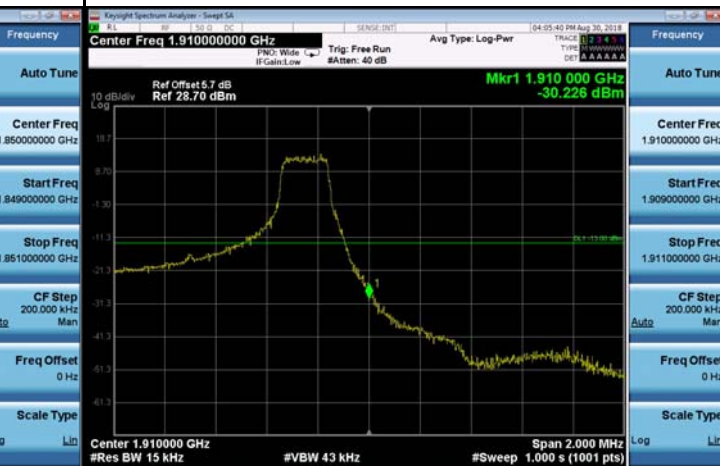
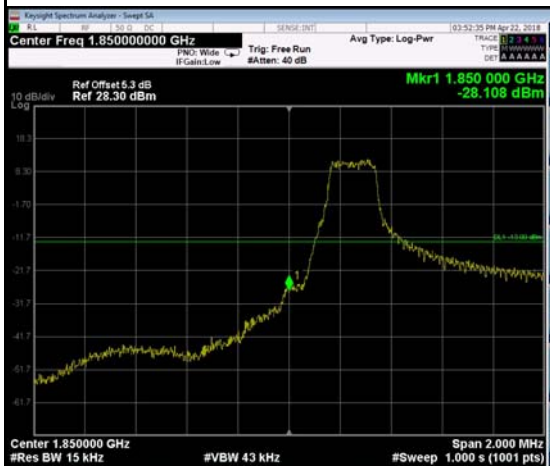
1RB24

Channel

18607

Channel

19193



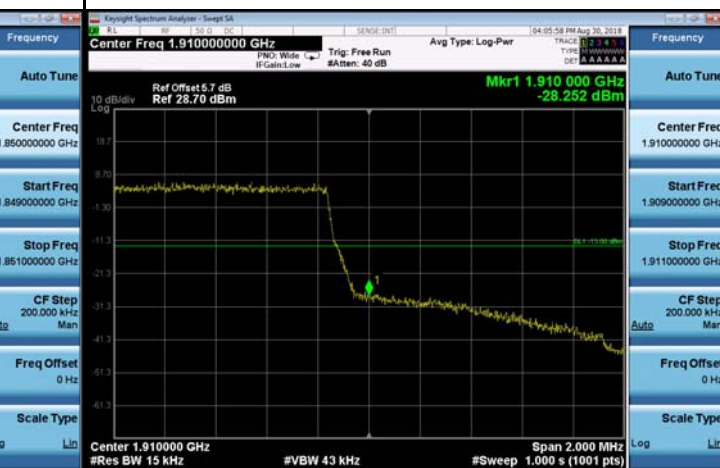
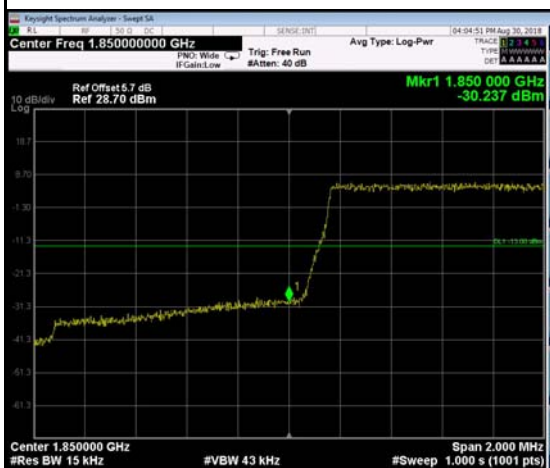
6RB0

Channel

18607

Channel

19193



LTE Band 2_3M

1RB0

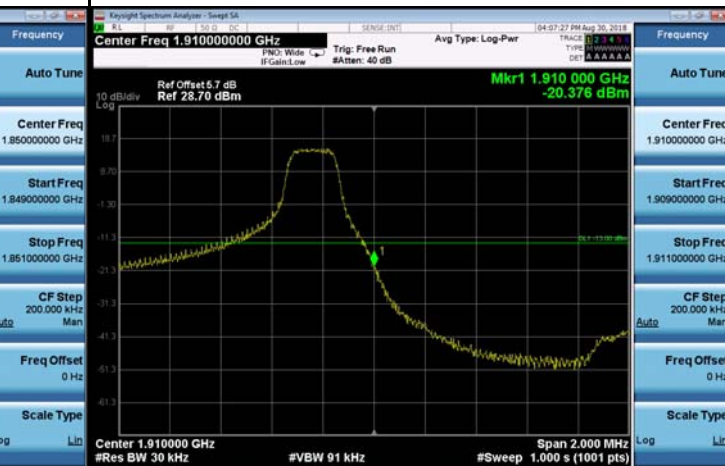
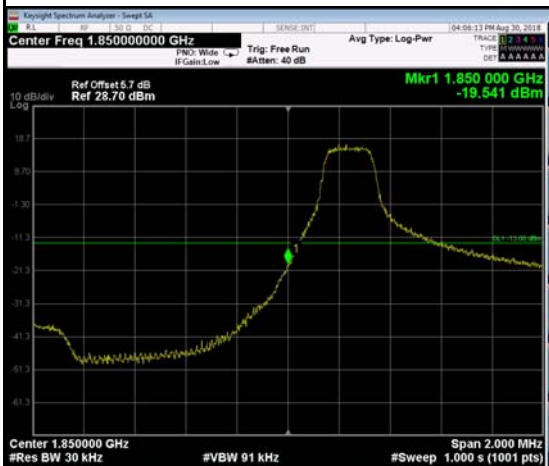
1RB24

Channel

18615

Channel

19185



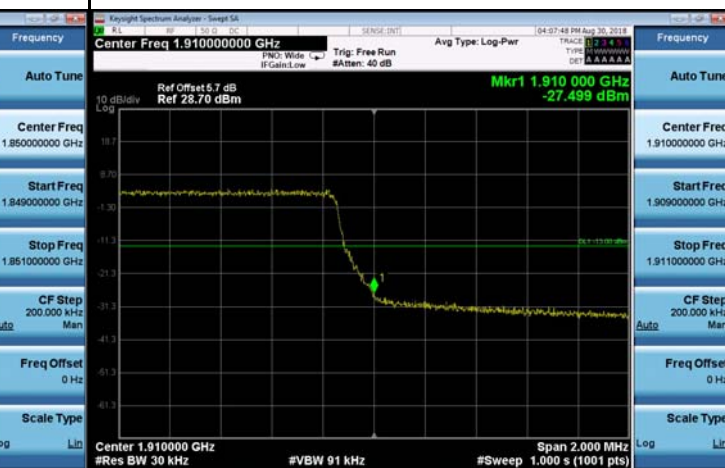
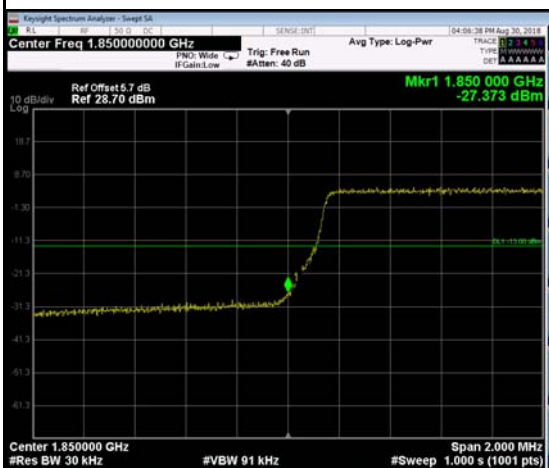
15RB0

Channel

18615

Channel

19185



LTE Band 2_5M

1RB0

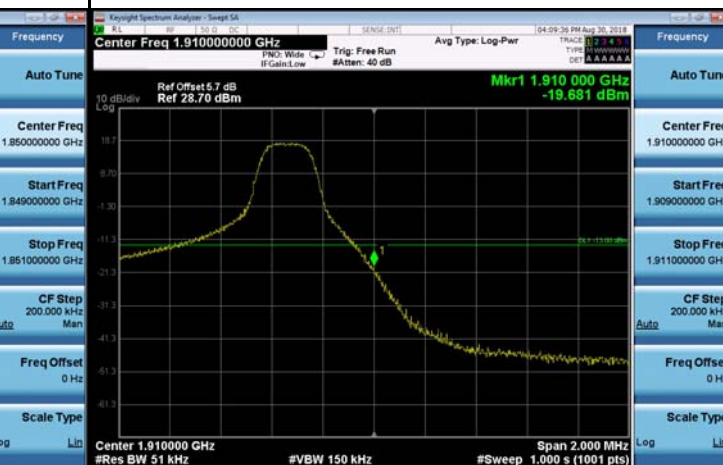
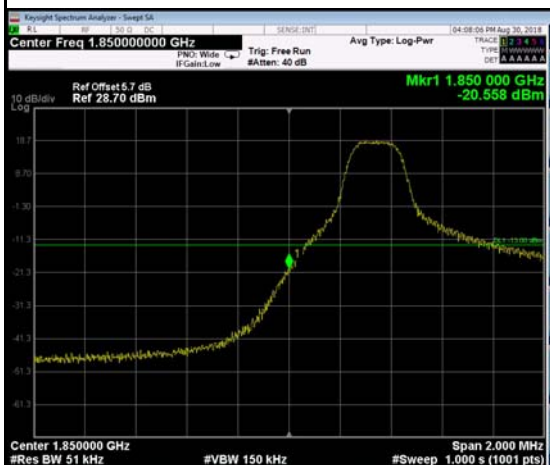
1RB24

Channel

18625

Channel

19175



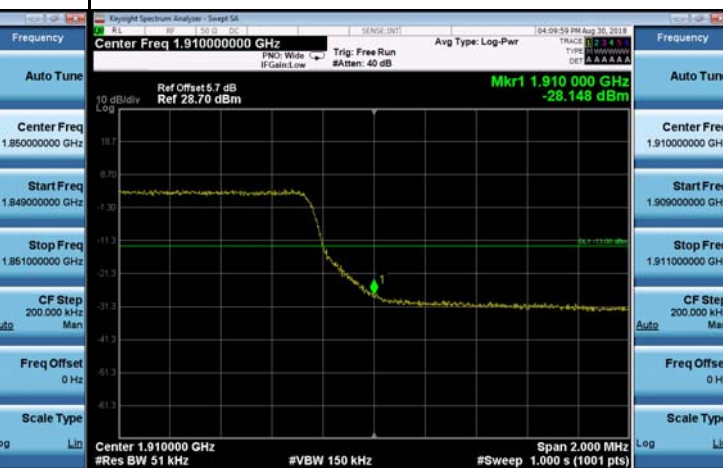
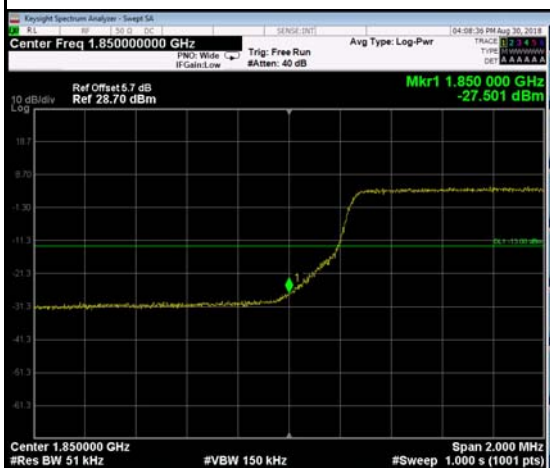
25RB0

Channel

18625

Channel

19175



LTE Band 2_10M

1RB0

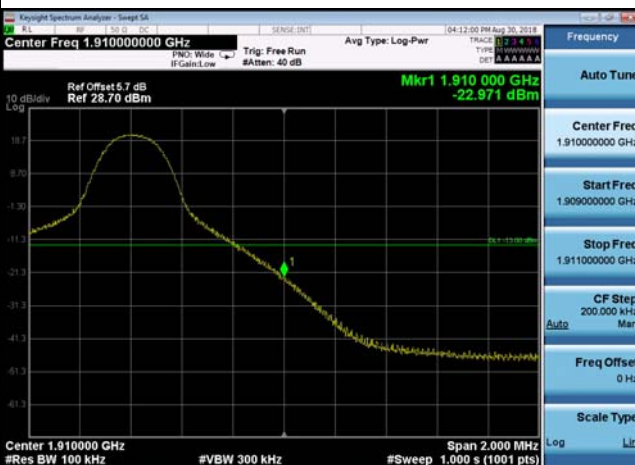
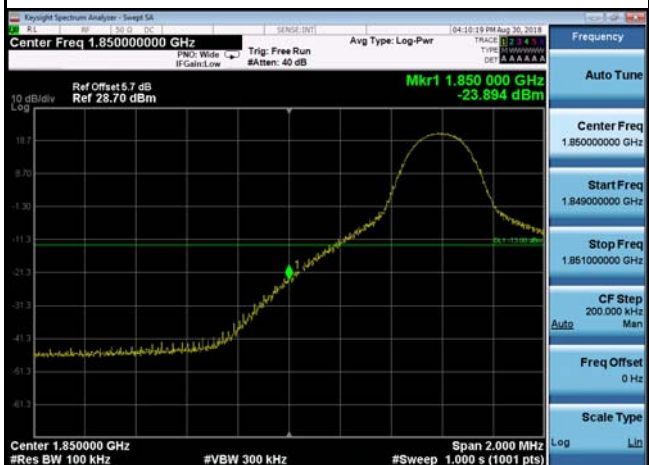
1RB49

Channel

18650

Channel

19150



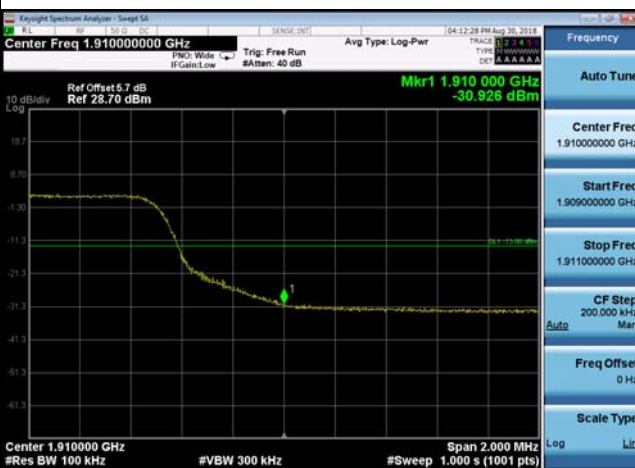
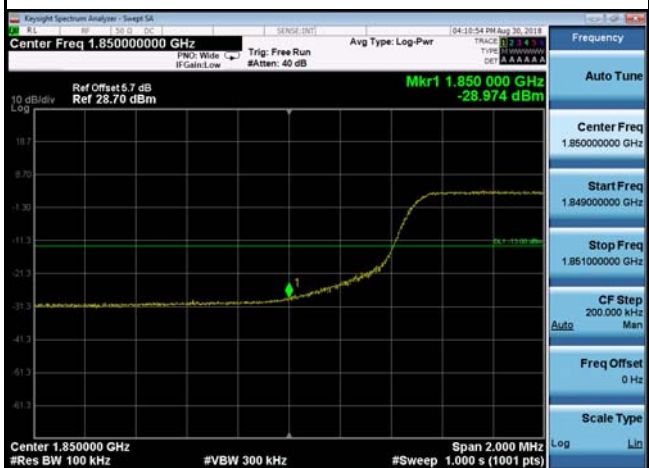
50RB0

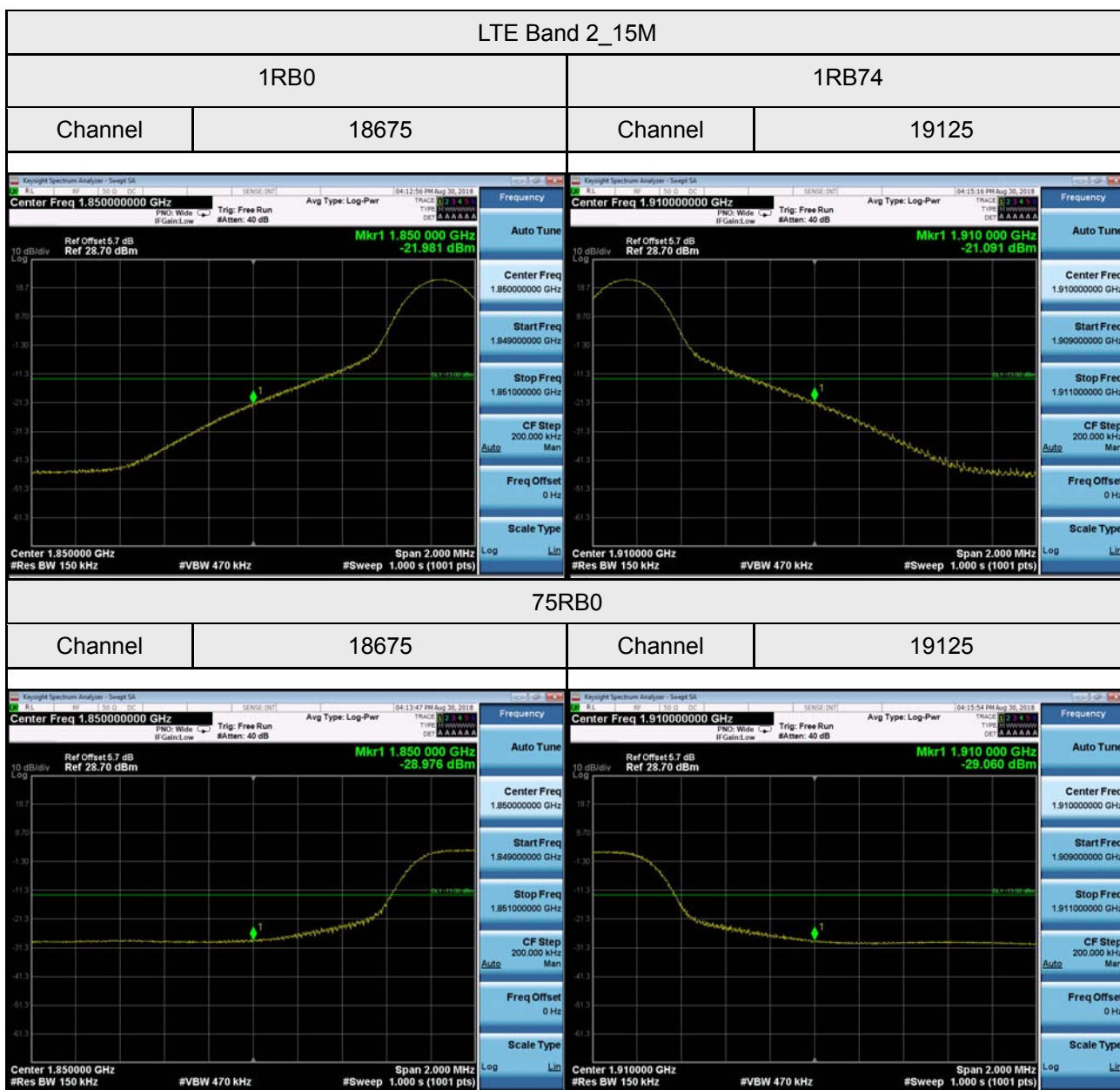
Channel

18650

Channel

19150





LTE Band 2_20M

1RB0

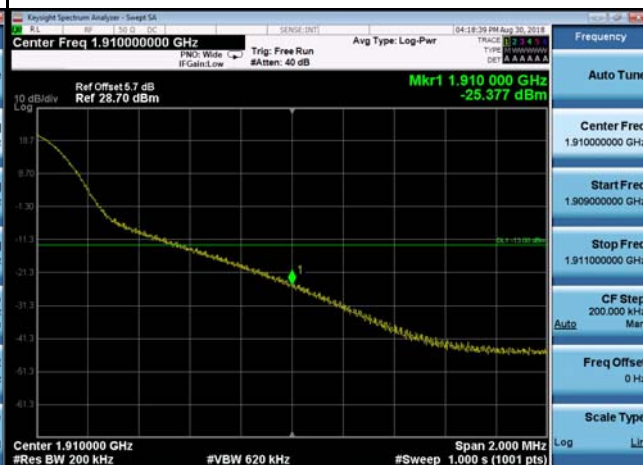
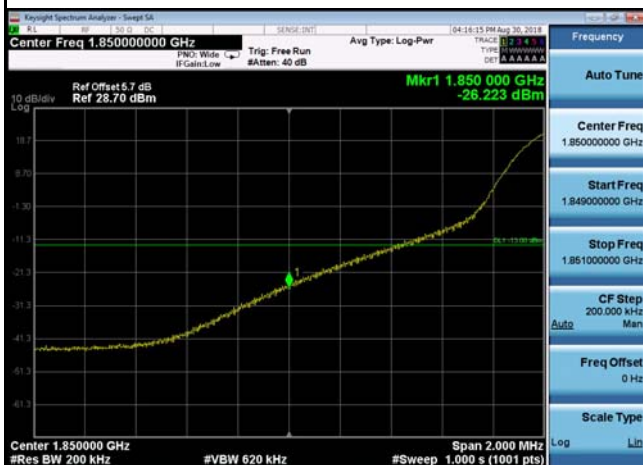
1RB99

Channel

18700

Channel

19100



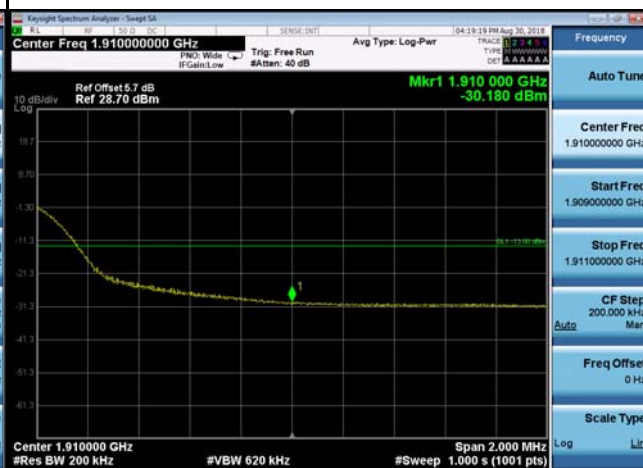
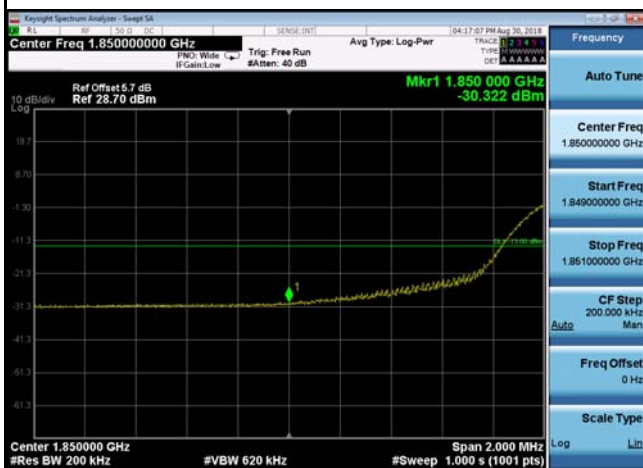
100RB0

Channel

18700

Channel

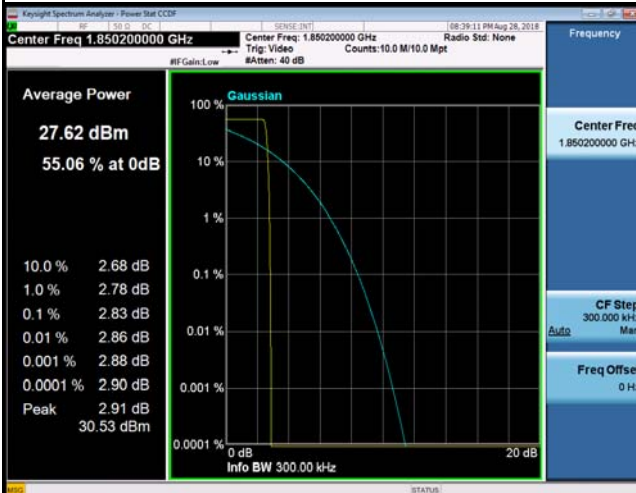
19100



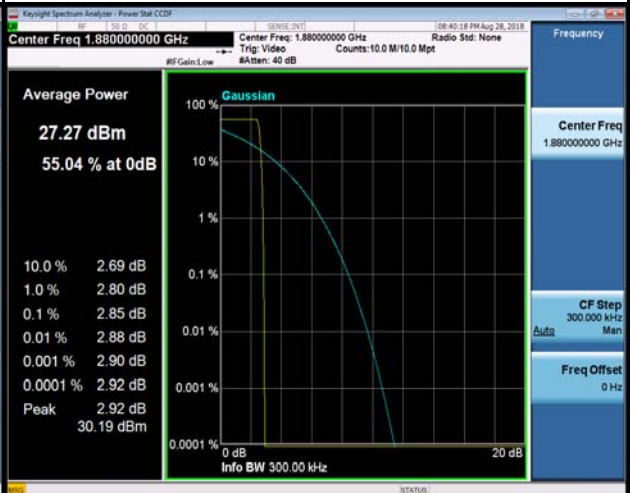
APPENDIX H - PEAK TO AVERAGE RATIO

PCS1900 Spectrum Plot

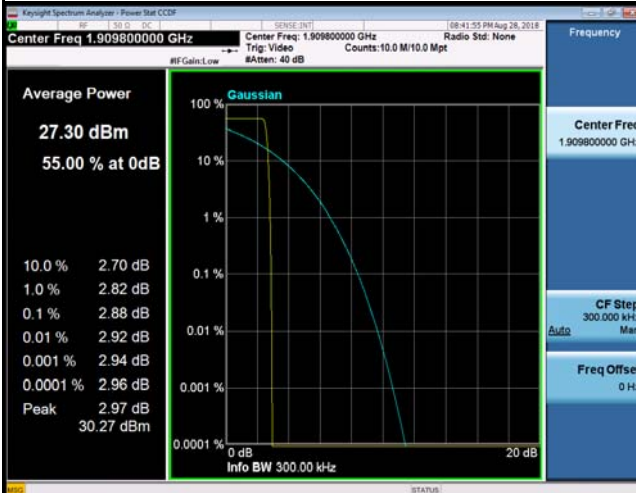
GSM -512



GSM-661



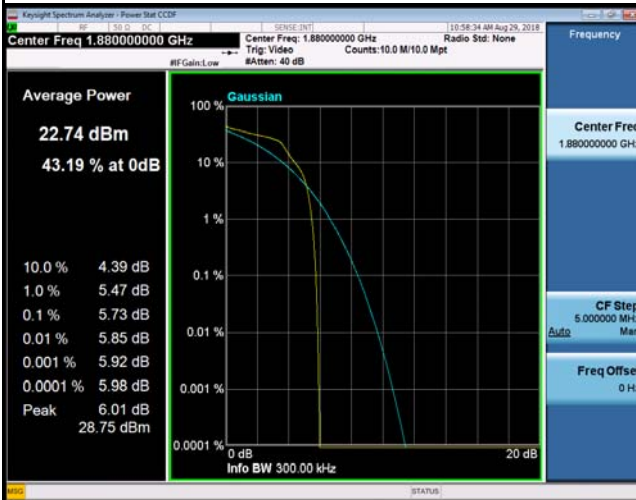
GSM-810



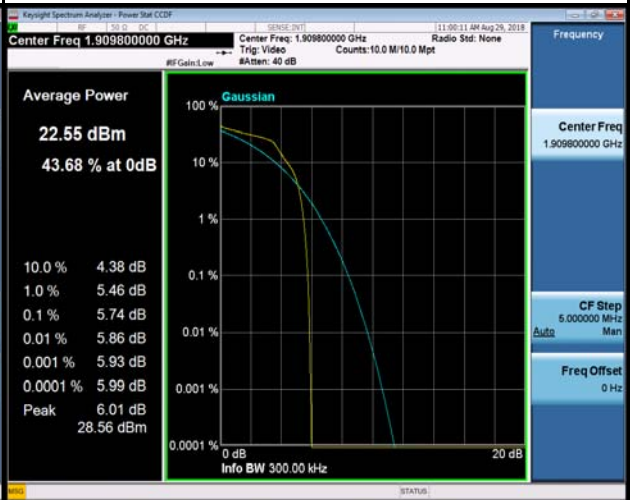
EDGE-512



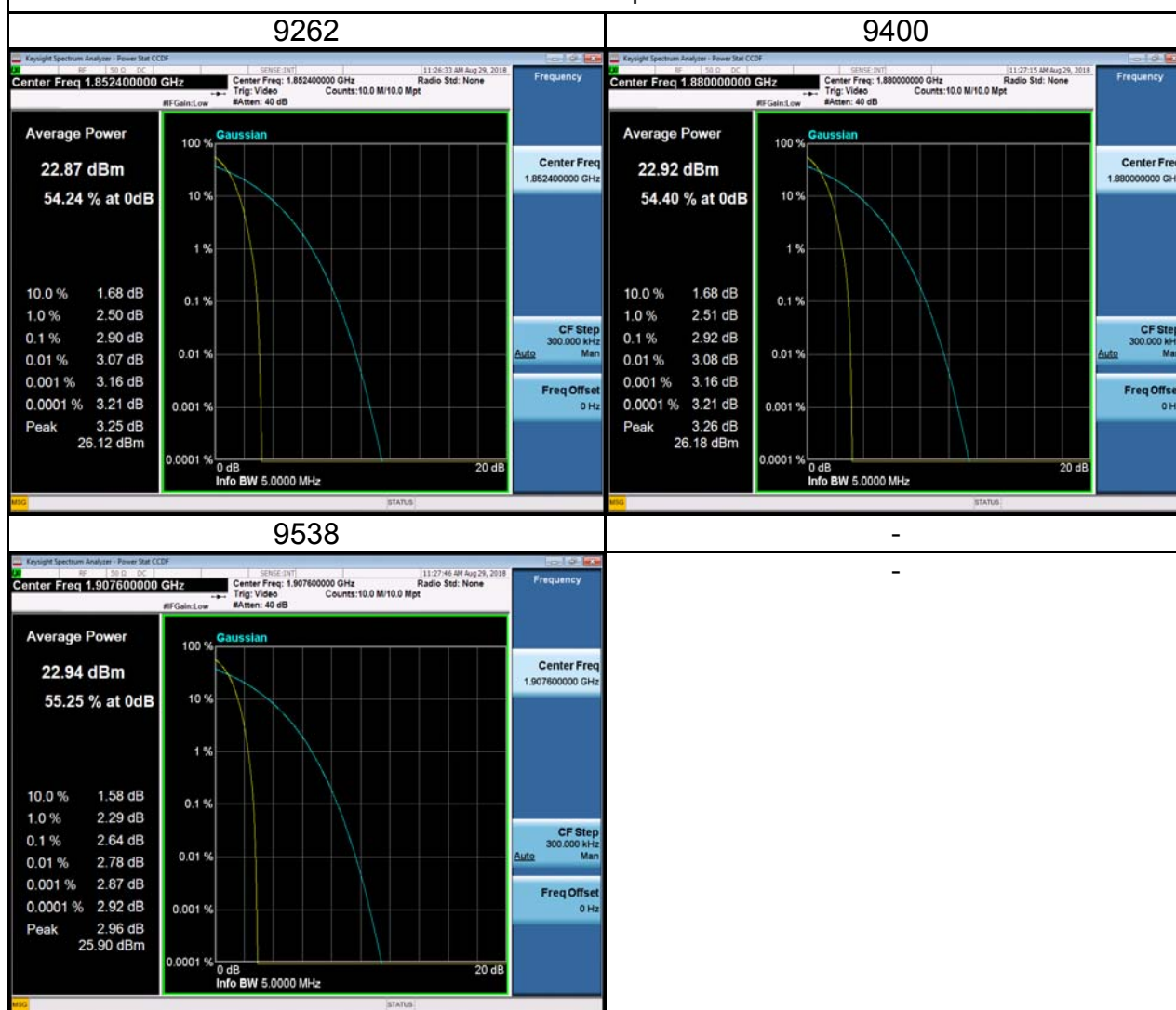
EDGE-661



EDGE-810



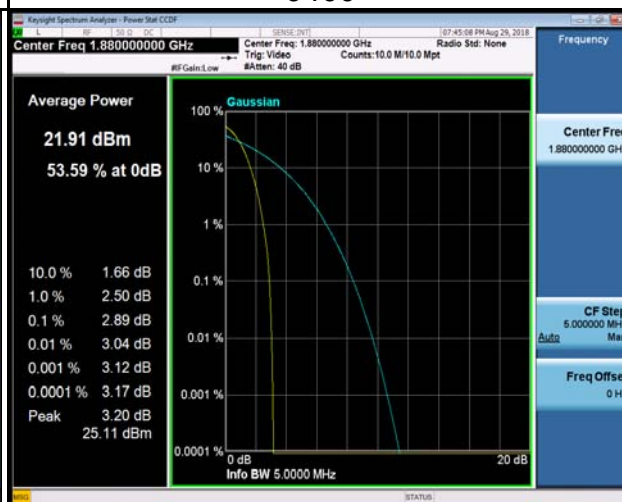
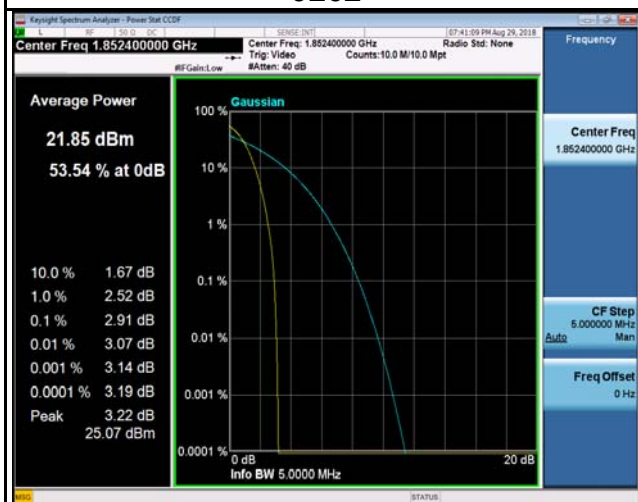
WCDMA Band II Spectrum Plot



WCDMA_HSDPA Band II Spectrum Plot

9262

9400



9538

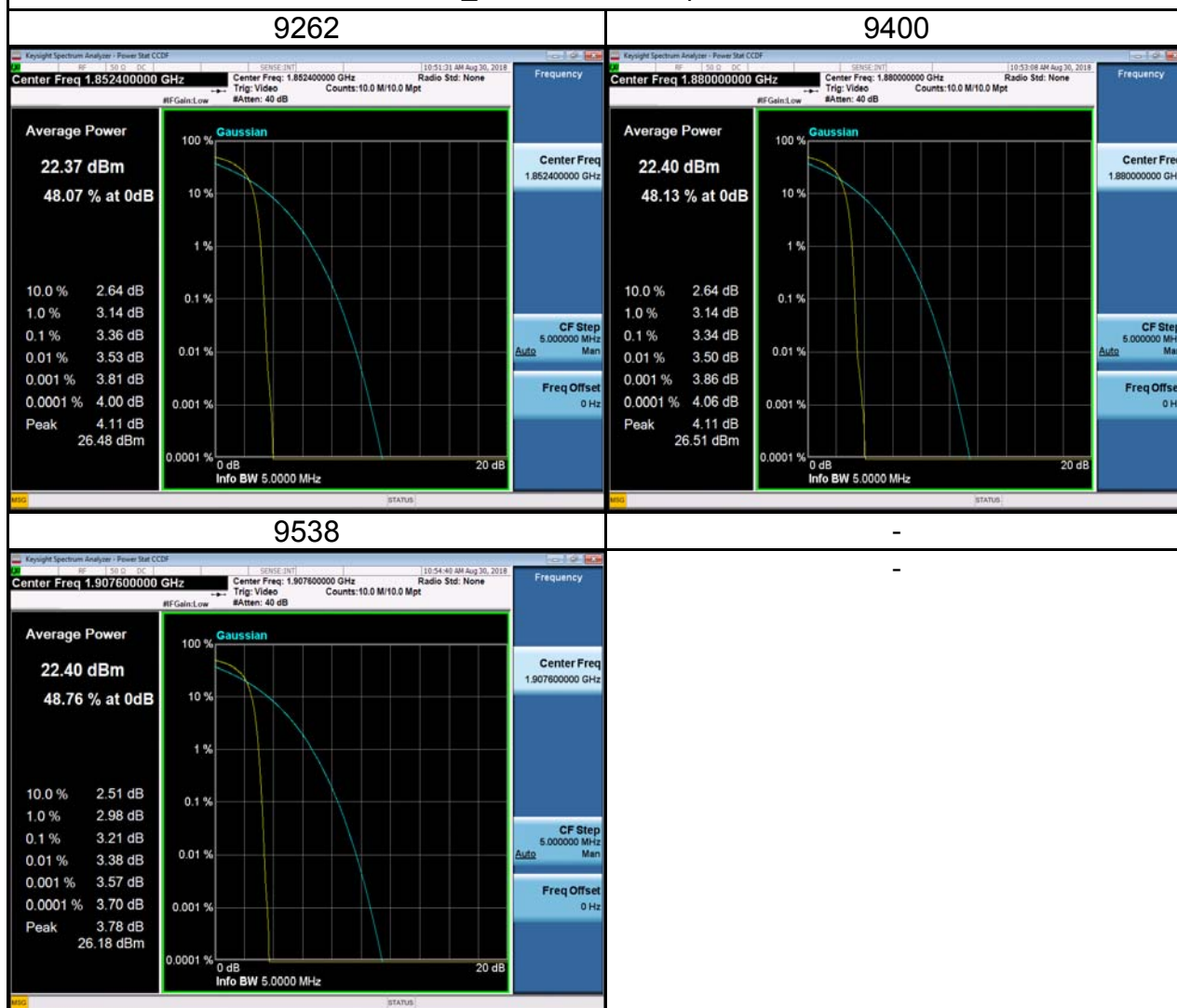
-



-

-

WCDMA_HSUPA Band II Spectrum Plot



LTE Band 2 Spectrum Plot_1.4M

QPSK-18607



QPSK-18900



QPSK-19193



16QAM-18607



16QAM-18900



16QAM-19193



LTE Band 2 Spectrum Plot_3M

QPSK-18615



QPSK-18900



QPSK-19185



16QAM-18615



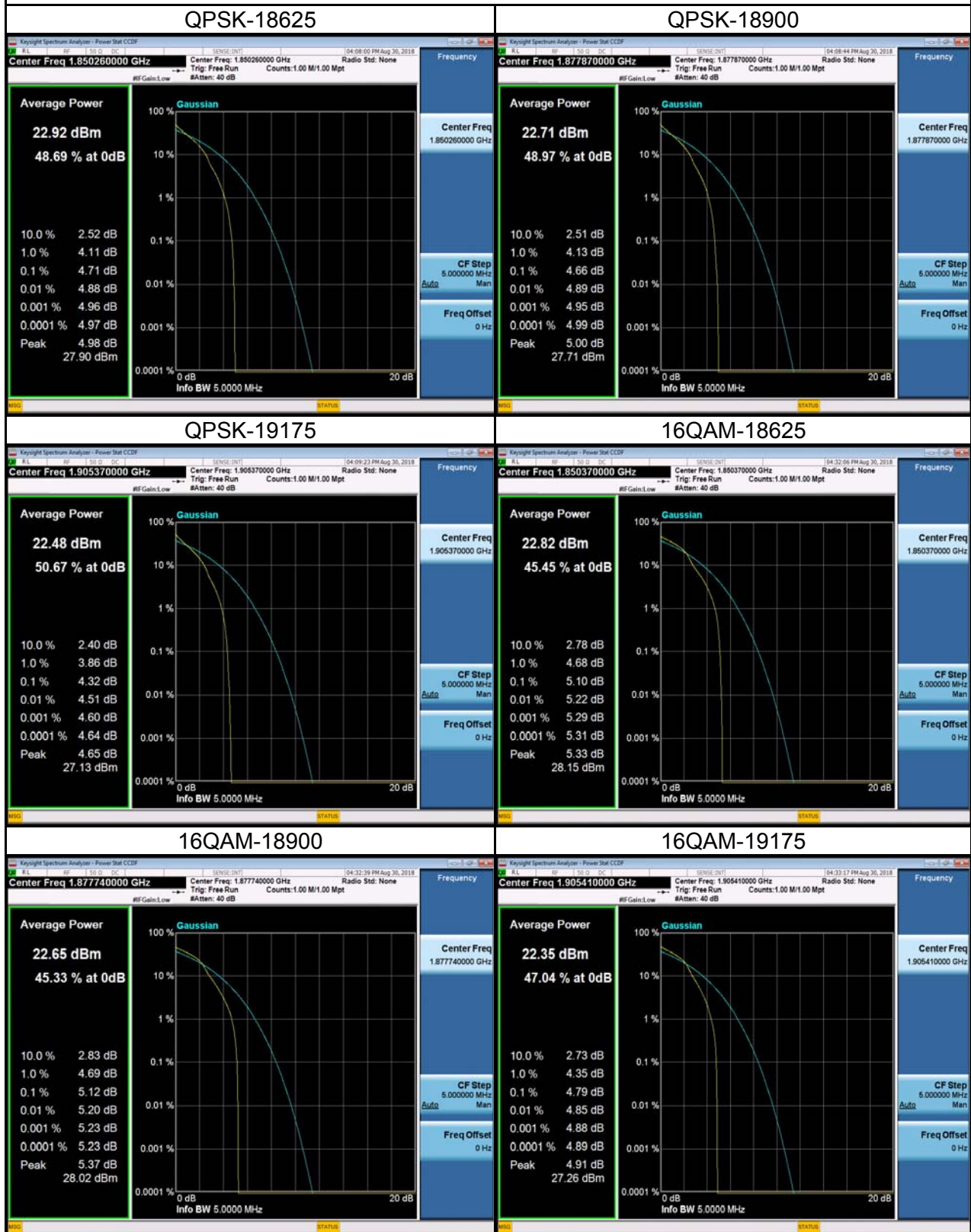
16QAM-18900



16QAM-19185



LTE Band 2 Spectrum Plot_5M



LTE Band 2 Spectrum Plot_10M

QPSK-18650



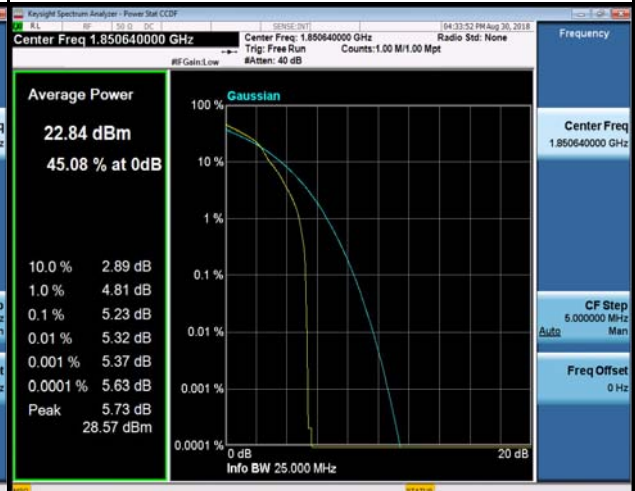
QPSK-18900



QPSK-19150



16QAM-18650



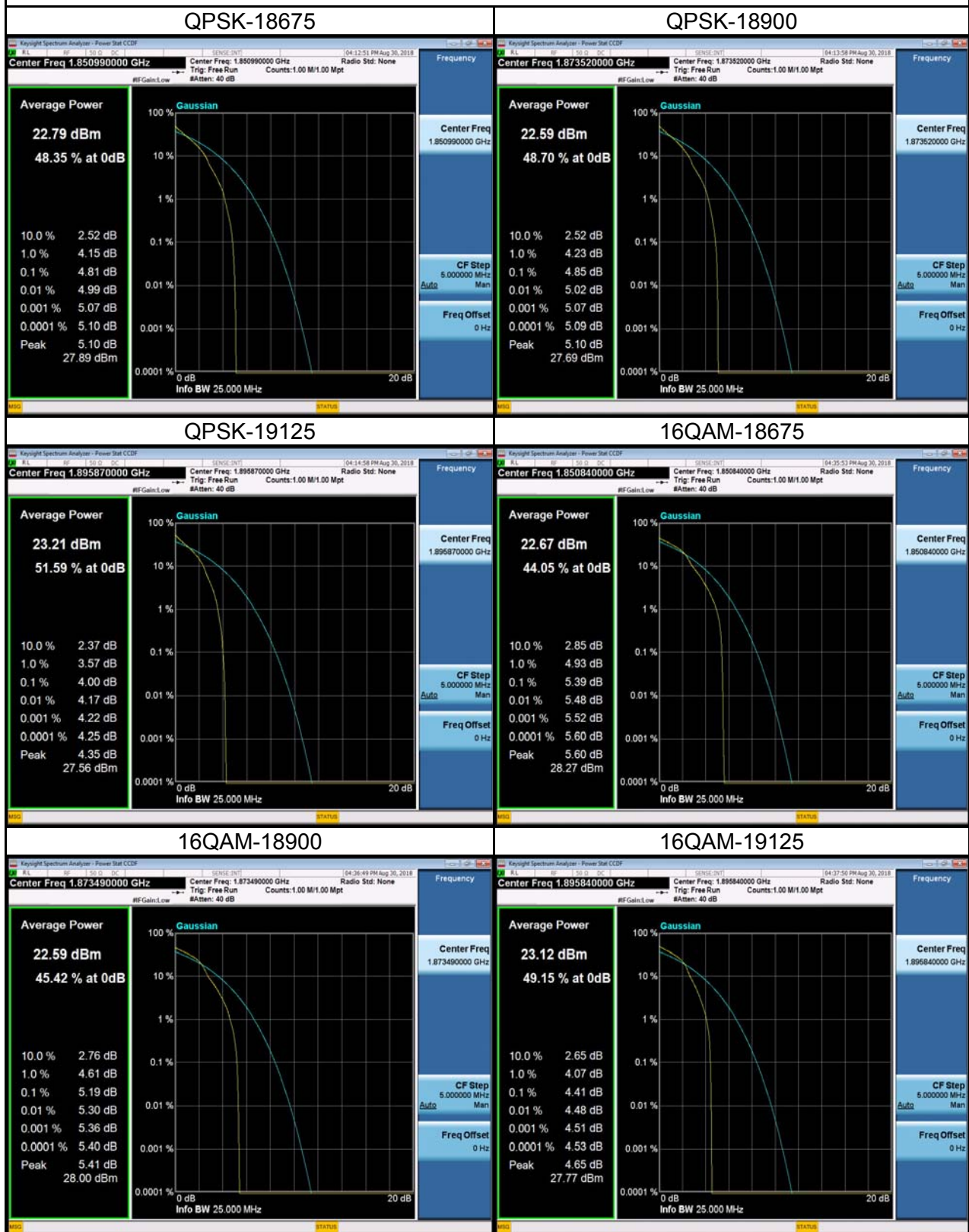
16QAM-18900



16QAM-19150



LTE Band 2 Spectrum Plot_15M



LTE Band 2 Spectrum Plot_20M

QPSK-18700



QPSK-18900



QPSK-19100



16QAM-18700



16QAM-18900



16QAM-19100



APPENDIX I - FREQUENCY STABILITY

Test Mode:	PCS1900_CH661
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	3.68	0.001957447	±2.5
-20	4.34	0.002308511	
-10	5.95	0.003164894	
0	5.24	0.002787234	
10	3.88	0.00206383	
20	5.09	0.002707447	
30	5.82	0.003095745	
40	3.88	0.00206383	
50	4.39	0.002335106	
Max. Deviation (ppm)	5.95	0.003164894	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	3.83	0.002037234	±2.5
3.82	3.43	0.001824468	
3.60	3.76	0.002	
Max. Deviation (ppm)	3.83	0.002037234	

Test Mode:	WCDMA Band II_CH9400
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Temperature vs. Frequency Stability

Temperature(°C)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
-30	9.17	0.00487766	±2.5
-20	6.59	0.003505319	
-10	5.84	0.003106383	
0	8	0.004255319	
10	7.57	0.004026596	
20	8.44	0.004489362	
30	6.91	0.003675532	
40	7.68	0.004085106	
50	6.23	0.00331383	
Max. Deviation (ppm)	9.17	0.00487766	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	6.69	0.003558511	±2.5
3.82	8.31	0.004420213	
3.60	8.38	0.004457447	
Max. Deviation (ppm)	8.38	0.004457447	

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)
-30	5.00	0.002659574	±2.5
-20	-5.02	-0.002670213	
-10	4.87	0.002590426	
0	-2.75	-0.001462766	
10	-0.90	-0.000478723	
20	0.06	3.19149E-05	
30	1.67	0.000888298	
40	-2.45	-0.001303191	
50	5.09	0.002707447	
Max. Deviation (ppm)	5.09	0.002707447	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	4.23	0.00225	±2.5
3.82	-1.38	-0.000734043	
3.60	5.70	0.003031915	
Max. Deviation (ppm)	5.70	0.003031915	

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)
-30	3.64	0.00193617	±2.5
-20	-6.21	-0.003303191	
-10	-4.54	-0.002414894	
0	-4.14	-0.002202128	
10	4.18	0.002223404	
20	3.34	0.001776596	
30	-2.96	-0.001574468	
40	-5.46	-0.002904255	
50	4.93	0.00262234	
Max. Deviation (ppm)	-6.21	-0.003303191	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	-4.66	-0.002478723	±2.5
3.82	-6.83	-0.003632979	
3.60	3.45	0.001835106	
Max. Deviation (ppm)	-6.83	-0.003632979	

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)
-30	2.98	0.001585106	±2.5
-20	4.19	0.002228723	
-10	-6.37	-0.003388298	
0	-4.10	-0.002180851	
10	1.95	0.001037234	
20	-9.13	-0.004856383	
30	-2.57	-0.001367021	
40	4.92	0.002617021	
50	1.67	0.000888298	
Max. Deviation (ppm)	-9.13	-0.004856383	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	2.59	0.00137766	±2.5
3.82	-4.96	-0.002638298	
3.60	-1.47	-0.000781915	
Max. Deviation (ppm)	-4.96	-0.002638298	

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)
-30	4.21	0.002239362	±2.5
-20	-1.87	-0.000994681	
-10	-2.85	-0.001515957	
0	-1.91	-0.001015957	
10	2.31	0.001228723	
20	3.87	0.002058511	
30	4.46	0.00237234	
40	4.78	0.002542553	
50	4.29	0.002281915	
Max. Deviation (ppm)	4.78	0.002542553	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	3.32	0.001765957	±2.5
3.82	4.40	0.002340426	
3.60	4.77	0.002537234	
Max. Deviation (ppm)	4.77	0.002537234	

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)
-30	2.25	0.001196809	±2.5
-20	5.88	0.00312766	
-10	3.96	0.002106383	
0	-1.92	-0.001021277	
10	-4.10	-0.002180851	
20	6.19	0.003292553	
30	4.66	0.002478723	
40	1.68	0.000893617	
50	5.83	0.003101064	
Max. Deviation (ppm)	6.19	0.003292553	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	1.55	0.000824468	±2.5
3.82	-1.70	-0.000904255	
3.60	6.12	0.003255319	
Max. Deviation (ppm)	6.12	0.003255319	

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	4.24	0.002255319	±2.5
-20	3.58	0.001904255	
-10	-2.64	-0.001404255	
0	-1.48	-0.000787234	
10	7.35	0.003909574	
20	3.05	0.00162234	
30	6.02	0.003202128	
40	-2.78	-0.001478723	
50	6.10	0.003244681	
Max. Deviation (ppm)	7.35	0.003909574	

Voltage vs. Frequency Stability

Voltage(Volts)	Frequency Error (Hz)	Frequency Error (ppm)	Limit(ppm)
4.35	5.76	0.00306383	±2.5
3.82	3.04	0.001617021	
3.60	-2.36	-0.001255319	
Max. Deviation (ppm)	5.76	0.00306383	