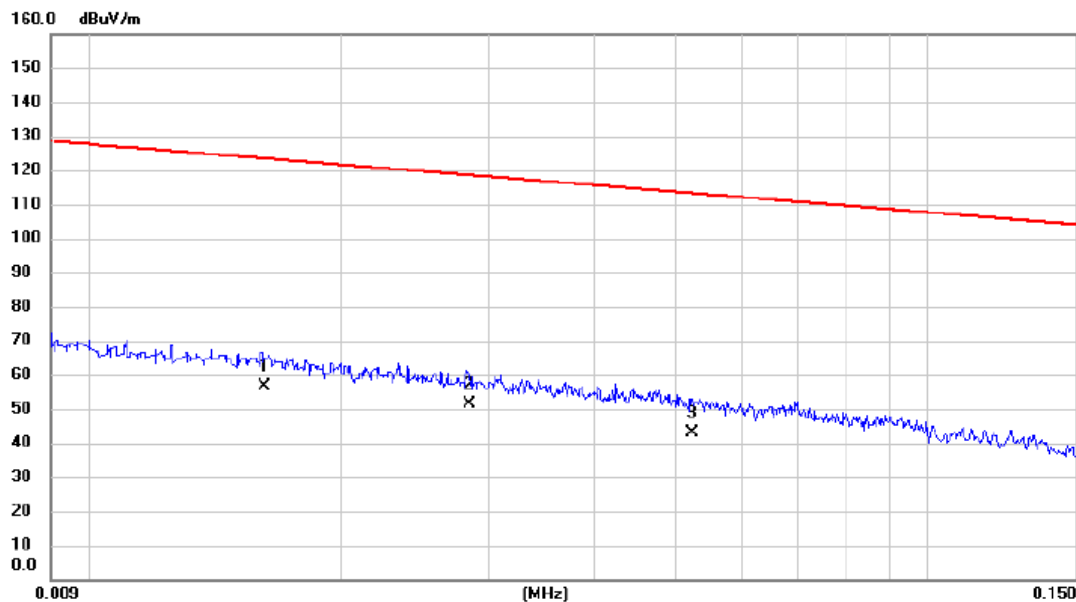


LTE Band 2_20M			
Channel	Frequency(MHz)	Channel	Frequency(MHz)
18900	1880	18900	1880
Channel	Frequency(MHz)	-	-
18900	1880	-	-
		-	

APPENDIX D - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode: TX Mode

Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0162	36.20	20.55	56.75	123.41	-66.66	AVG	
2		0.0284	31.60	19.88	51.48	118.54	-67.06	AVG	
3		0.0524	23.70	19.48	43.18	113.22	-70.04	AVG	

Test Mode: TX Mode

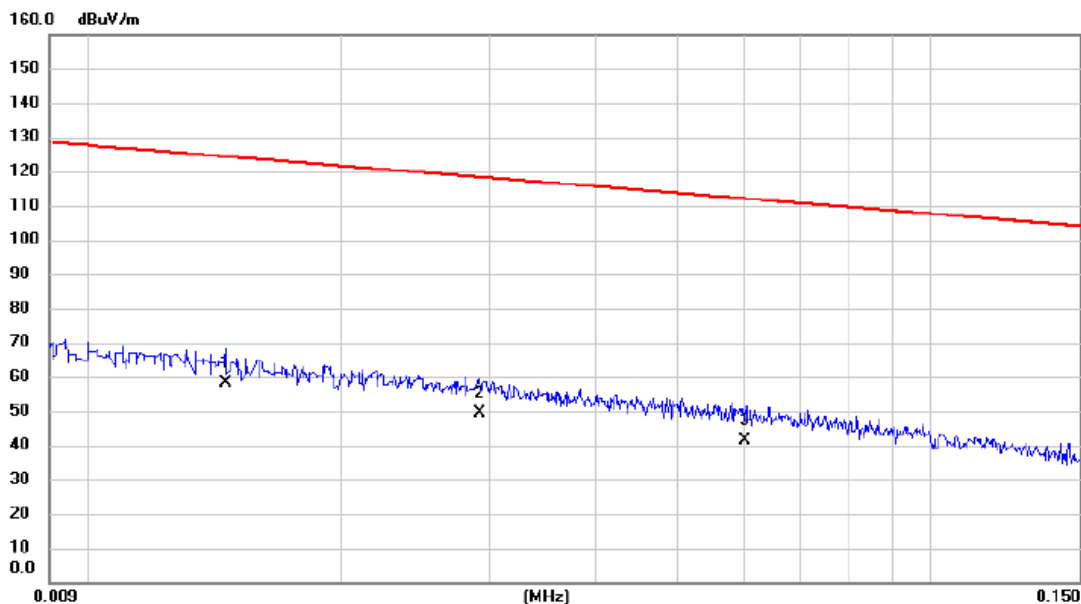
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4421	27.50	16.98	44.48	94.69	-50.21	AVG	
2		0.7198	32.40	16.89	49.29	70.46	-21.17	QP	
3	*	2.0011	34.50	17.12	51.62	69.54	-17.92	QP	

Test Mode: TX Mode

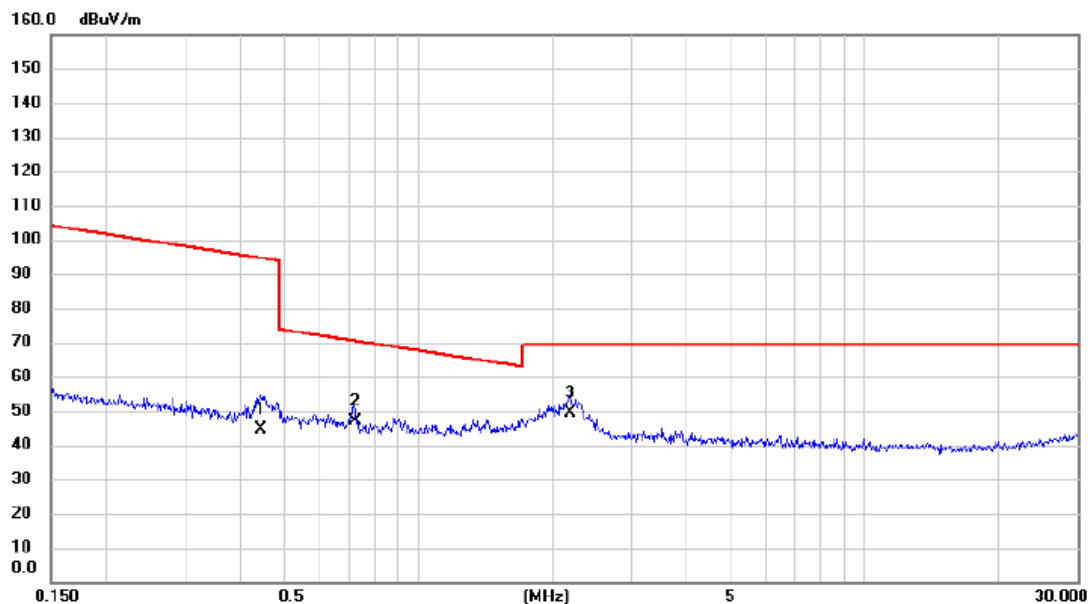
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0146	37.60	20.78	58.38	124.32	-65.94	AVG	
2		0.0292	29.40	19.87	49.27	118.30	-69.03	AVG	
3		0.0601	22.20	19.33	41.53	112.03	-70.50	AVG	

Test Mode: TX Mode

Ant 90°

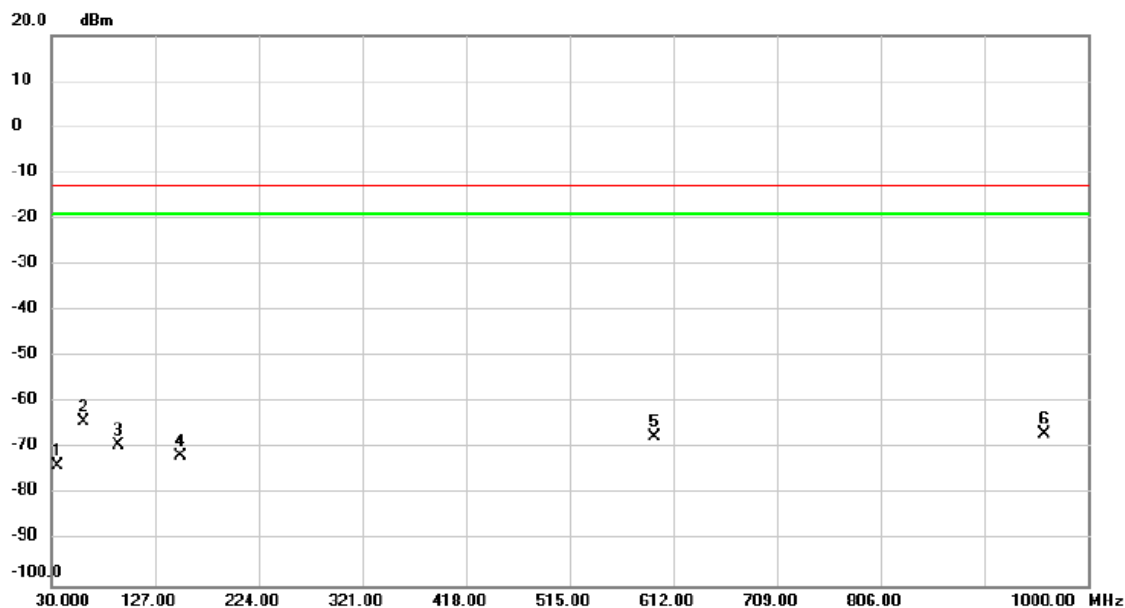


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.4421	27.60	16.98	44.58	94.69	-50.11	AVG	
2		0.7198	30.20	16.89	47.09	70.46	-23.37	QP	
3	*	2.1898	32.40	17.01	49.41	69.54	-20.13	QP	

APPENDIX E - RADIATED EMISSION (30MHZ TO 1GHZ)

Test Mode: PCS1900_TX CH661_GSM

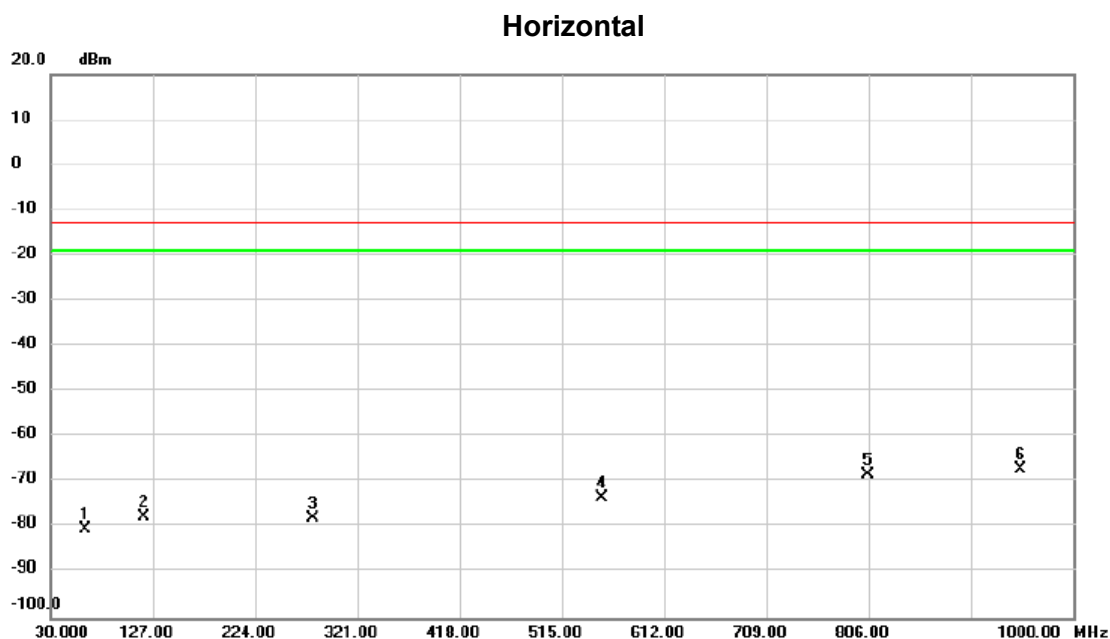
Vertical



No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
	MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	36.305	-58.93	-14.93	-73.86	-13.00	-60.86	peak	
2 *	60.555	-48.47	-15.78	-64.25	-13.00	-51.25	peak	
3	92.080	-49.91	-19.28	-69.19	-13.00	-56.19	peak	
4	150.280	-60.03	-11.47	-71.50	-13.00	-58.50	peak	
5	595.025	-61.12	-6.22	-67.34	-13.00	-54.34	peak	
6	958.775	-68.16	1.21	-66.95	-13.00	-53.95	peak	

Test Mode:

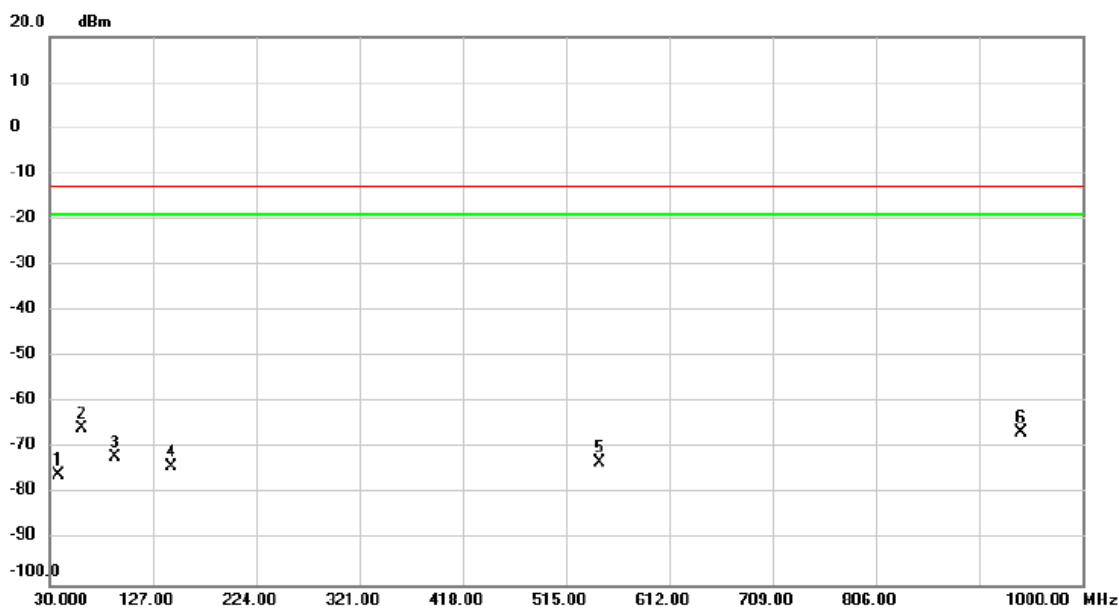
PCS1900_TX CH661_GSM



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		62.980	-64.02	-16.20	-80.22	-13.00	-67.22	peak	
2		118.270	-62.76	-14.97	-77.73	-13.00	-64.73	peak	
3		279.290	-66.68	-11.42	-78.10	-13.00	-65.10	peak	
4		552.830	-67.90	-5.52	-73.42	-13.00	-60.42	peak	
5		805.515	-67.09	-1.13	-68.22	-13.00	-55.22	peak	
6	*	950.530	-68.42	1.40	-67.02	-13.00	-54.02	peak	

Test Mode: PCS1900_TX CH661_EDGE

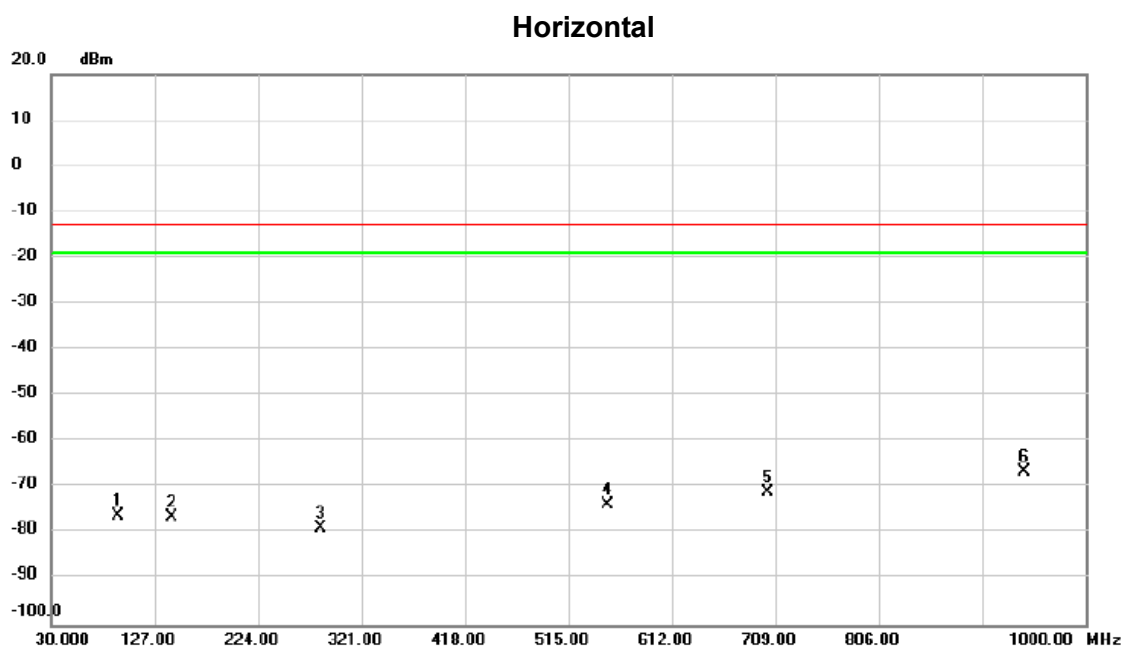
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		37.760	-61.04	-14.71	-75.75	-13.00	-62.75	peak	
2	*	60.555	-49.85	-15.78	-65.63	-13.00	-52.63	peak	
3		91.595	-52.77	-19.32	-72.09	-13.00	-59.09	peak	
4		144.460	-62.10	-11.83	-73.93	-13.00	-60.93	peak	
5		546.040	-67.49	-5.71	-73.20	-13.00	-60.20	peak	
6		941.800	-67.63	1.07	-66.56	-13.00	-53.56	peak	

Test Mode:

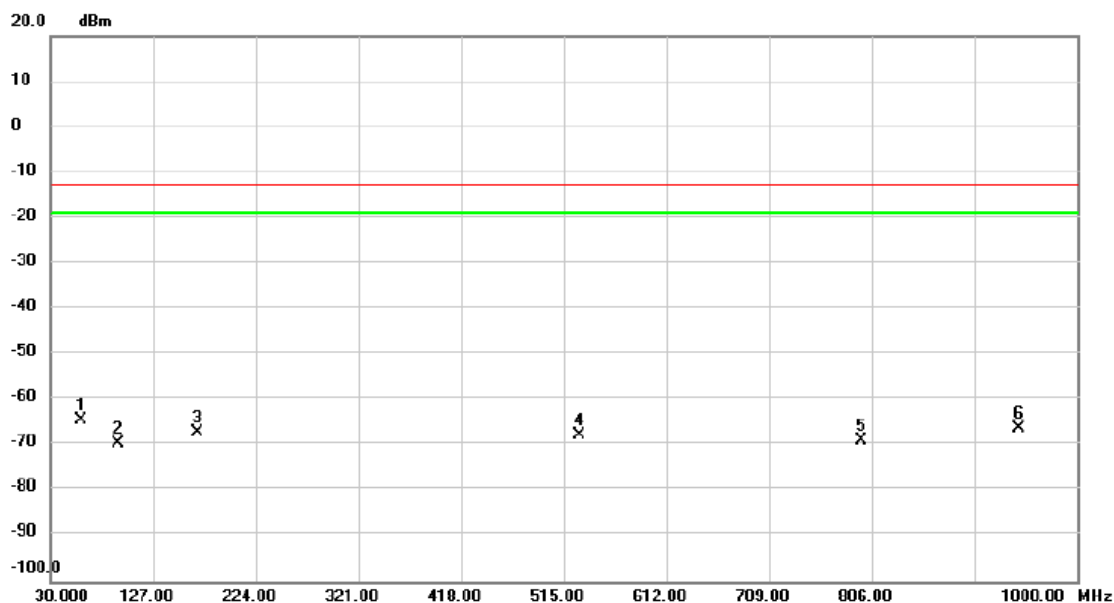
PCS1900_TX CH661_EDGE



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		92.565	-57.04	-19.23	-76.27	-13.00	-63.27	peak	
2		143.005	-64.46	-11.91	-76.37	-13.00	-63.37	peak	
3		283.170	-67.49	-11.21	-78.70	-13.00	-65.70	peak	
4		551.860	-68.31	-5.49	-73.80	-13.00	-60.80	peak	
5		701.240	-68.27	-2.78	-71.05	-13.00	-58.05	peak	
6	*	941.800	-67.63	1.07	-66.56	-13.00	-53.56	peak	

Test Mode: WCDMA Band II_TX CH9400

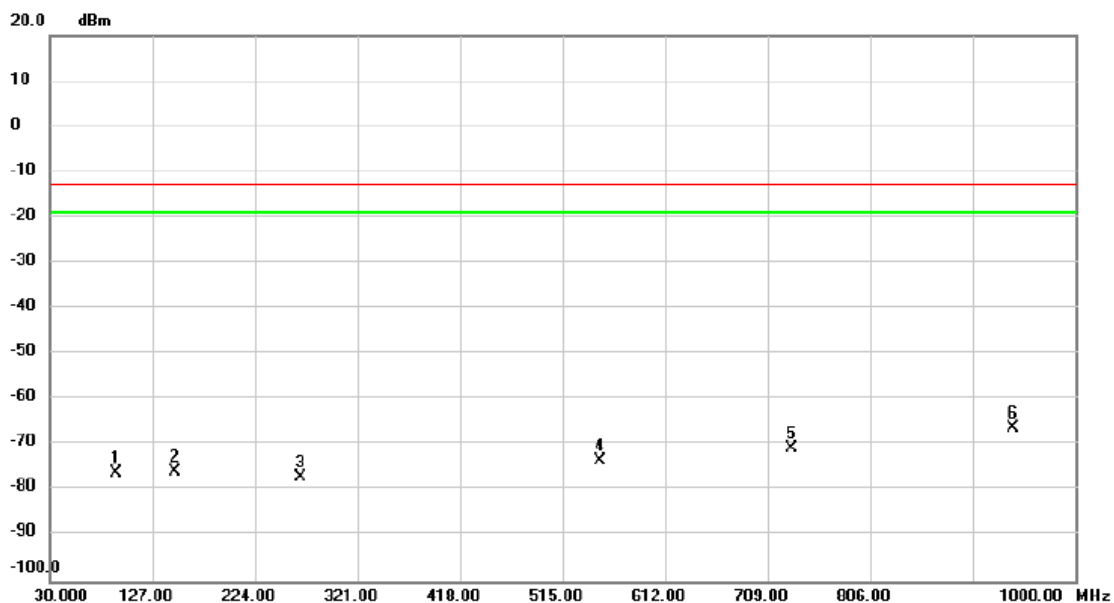
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	58.615	-48.98	-15.48	-64.46	-13.00	-51.46	peak	
2		94.505	-50.58	-19.06	-69.64	-13.00	-56.64	peak	
3		169.195	-55.95	-11.15	-67.10	-13.00	-54.10	peak	
4		529.550	-61.14	-6.72	-67.86	-13.00	-54.86	peak	
5		796.300	-67.67	-1.26	-68.93	-13.00	-55.93	peak	
6		944.710	-67.58	1.20	-66.38	-13.00	-53.38	peak	

Test Mode: WCDMA Band II_TX CH9400

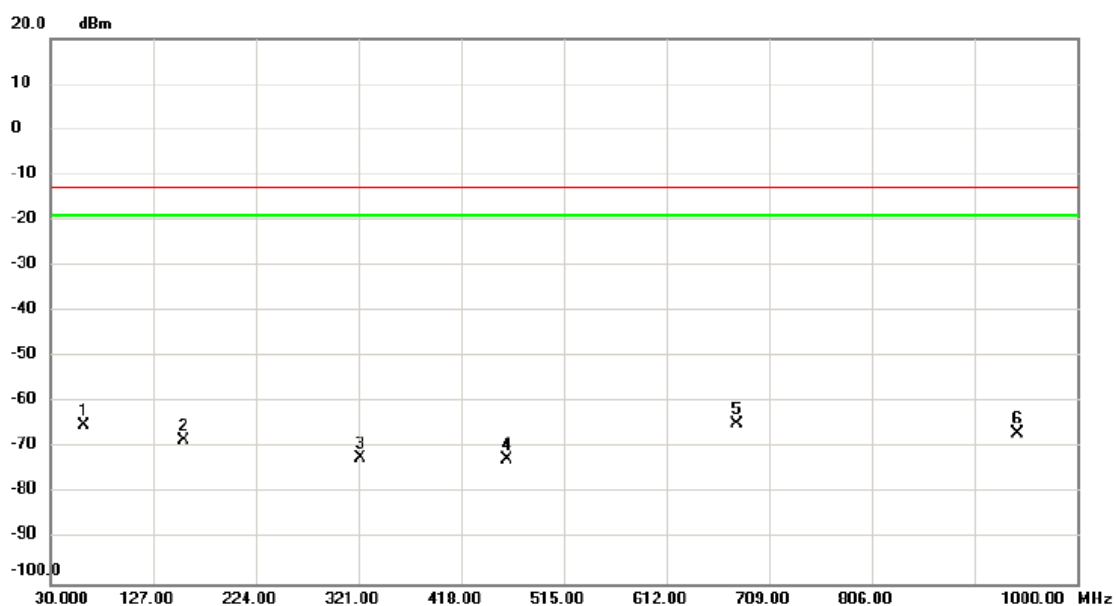
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		92.565	-57.00	-19.23	-76.23	-13.00	-63.23	peak	
2		148.340	-64.16	-11.59	-75.75	-13.00	-62.75	peak	
3		266.680	-64.31	-12.85	-77.16	-13.00	-64.16	peak	
4		550.405	-68.06	-5.48	-73.54	-13.00	-60.54	peak	
5		731.795	-67.31	-3.56	-70.87	-13.00	-57.87	peak	
6	*	940.830	-67.34	1.04	-66.30	-13.00	-53.30	peak	

Test Mode: LTE Band 2_TX CH18900_1.4M

Vertical

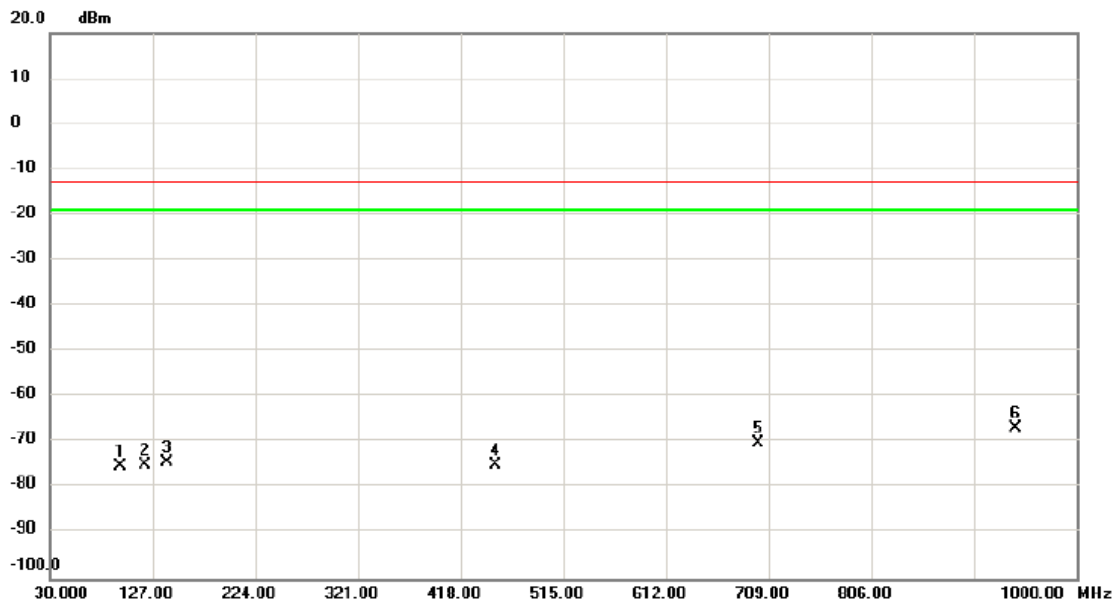


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		61.040	-49.16	-15.86	-65.02	-13.00	-52.02	peak	
2		156.100	-57.34	-10.94	-68.28	-13.00	-55.28	peak	
3		322.455	-61.49	-10.68	-72.17	-13.00	-59.17	peak	
4		461.165	-64.85	-7.66	-72.51	-13.00	-59.51	peak	
5 *		678.930	-60.95	-3.77	-64.72	-13.00	-51.72	peak	
6		944.225	-67.95	1.17	-66.78	-13.00	-53.78	peak	

Test Mode:

LTE Band 2_TX CH18900_1.4M

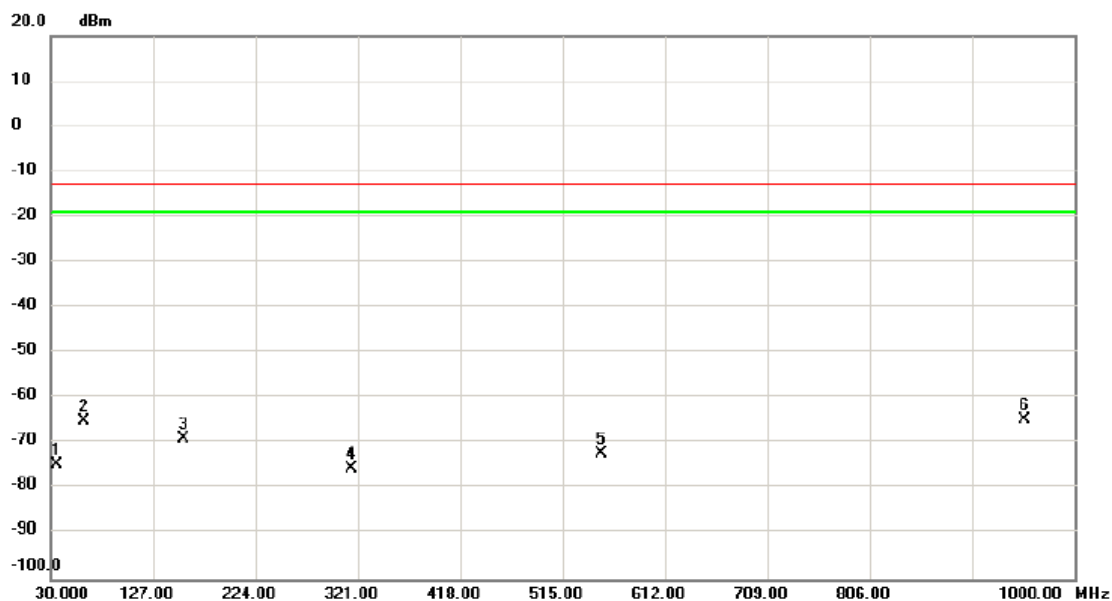
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		96.930	-56.47	-18.73	-75.20	-13.00	-62.20	peak	
2		119.240	-60.09	-14.80	-74.89	-13.00	-61.89	peak	
3		140.095	-62.27	-12.09	-74.36	-13.00	-61.36	peak	
4		450.980	-67.67	-7.42	-75.09	-13.00	-62.09	peak	
5		699.300	-67.31	-2.78	-70.09	-13.00	-57.09	peak	
6	*	941.800	-67.83	1.07	-66.76	-13.00	-53.76	peak	

Test Mode: LTE Band 2_ TX CH18900_5M

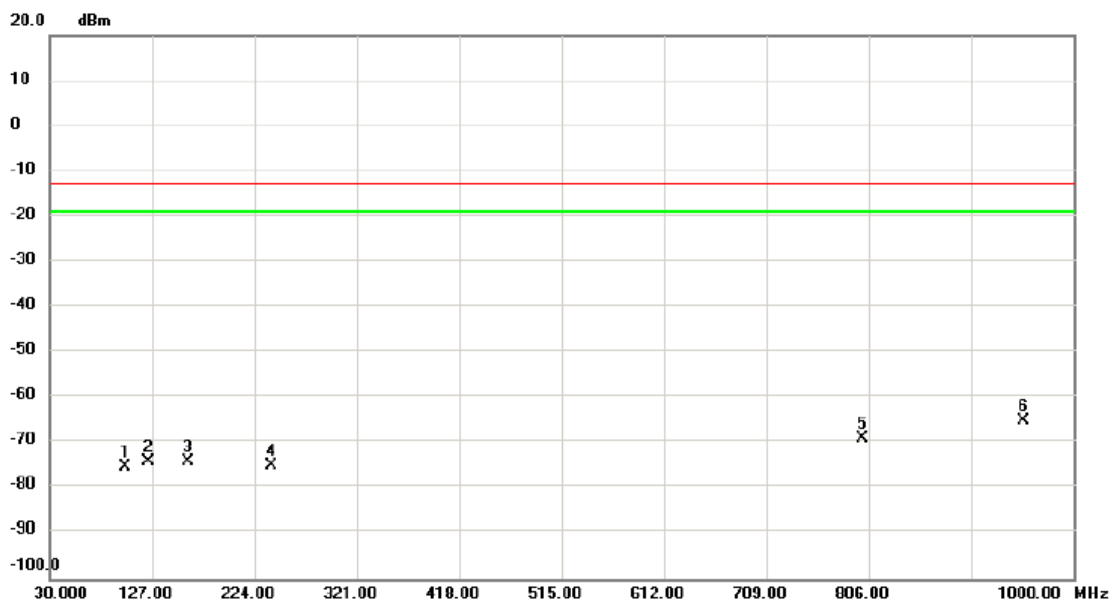
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		36.305	-59.57	-14.93	-74.50	-13.00	-61.50	peak	
2		62.010	-48.88	-16.02	-64.90	-13.00	-51.90	peak	
3		155.615	-57.92	-10.99	-68.91	-13.00	-55.91	peak	
4		314.695	-65.03	-10.58	-75.61	-13.00	-62.61	peak	
5		551.860	-66.63	-5.49	-72.12	-13.00	-59.12	peak	
6	*	952.955	-66.06	1.34	-64.72	-13.00	-51.72	peak	

Test Mode: LTE Band 2_ TX CH18900_5M

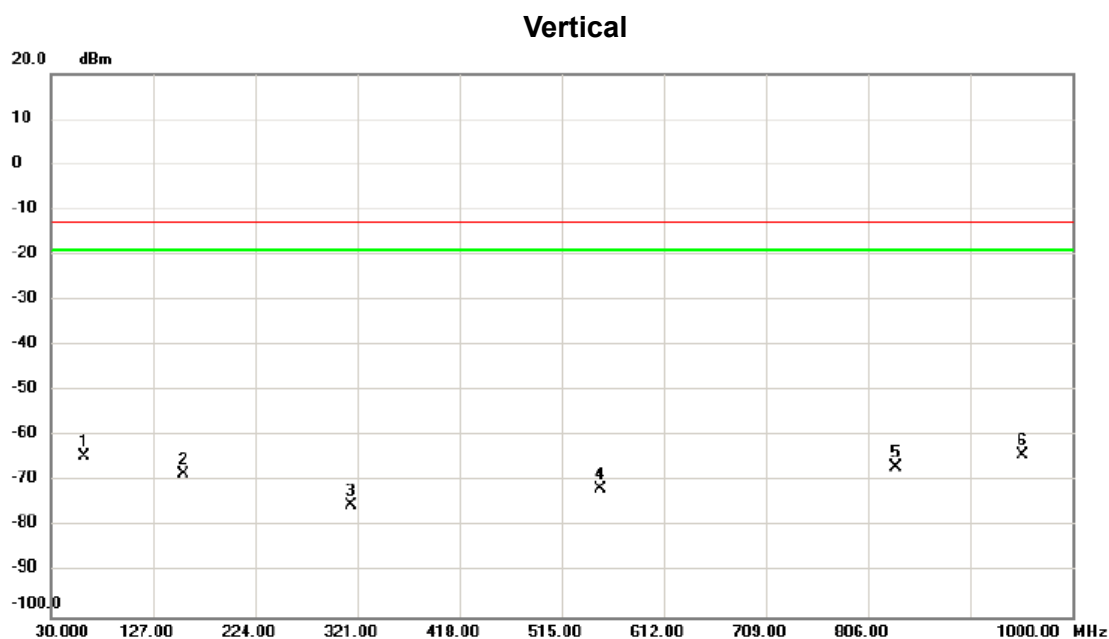
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		101.295	-57.21	-18.02	-75.23	-13.00	-62.23	peak	
2		124.090	-60.02	-14.16	-74.18	-13.00	-61.18	peak	
3		160.950	-63.34	-10.66	-74.00	-13.00	-61.00	peak	
4		240.005	-60.26	-14.67	-74.93	-13.00	-61.93	peak	
5		800.665	-67.92	-1.05	-68.97	-13.00	-55.97	peak	
6	*	952.955	-66.51	1.34	-65.17	-13.00	-52.17	peak	

Test Mode:

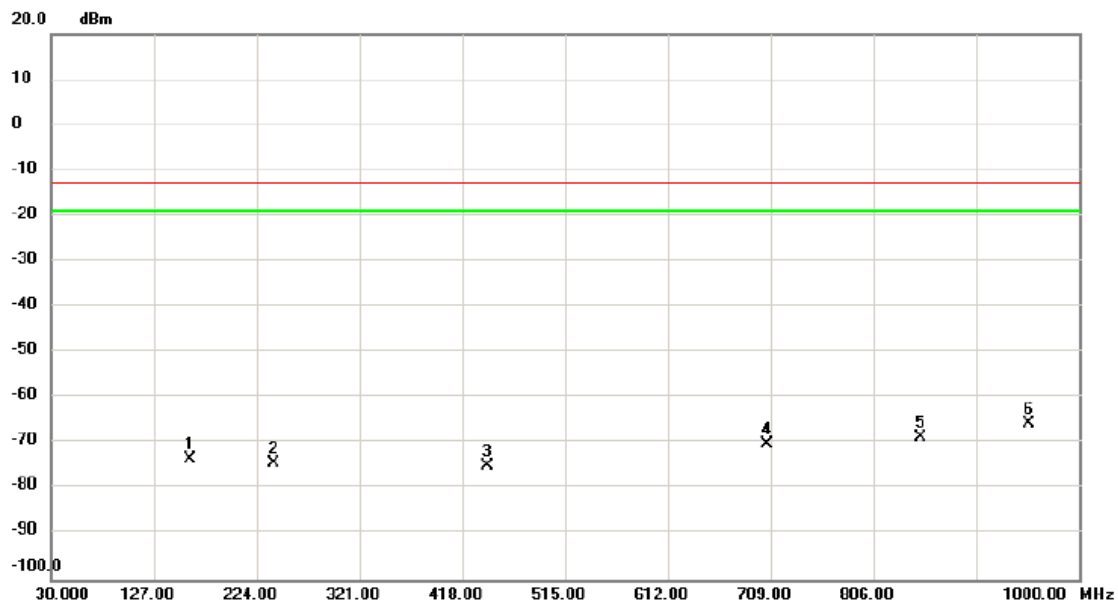
LTE Band 2_TX CH18900_20M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		62.010	-48.38	-16.02	-64.40	-13.00	-51.40	peak	
2		155.615	-57.42	-10.99	-68.41	-13.00	-55.41	peak	
3		314.695	-64.53	-10.58	-75.11	-13.00	-62.11	peak	
4		551.860	-66.13	-5.49	-71.62	-13.00	-58.62	peak	
5		832.190	-65.29	-1.54	-66.83	-13.00	-53.83	peak	
6	*	952.955	-65.56	1.34	-64.22	-13.00	-51.22	peak	

Test Mode: LTE Band 2_TX CH18900_20M

Horizontal

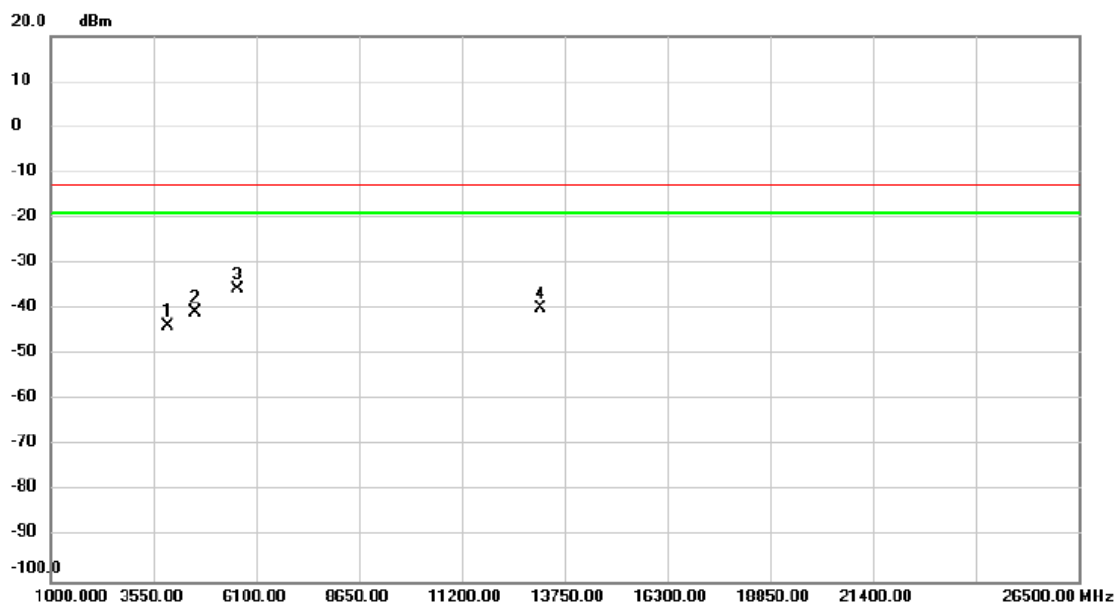


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		160.950	-62.84	-10.66	-73.50	-13.00	-60.50	peak	
2		240.005	-59.76	-14.67	-74.43	-13.00	-61.43	peak	
3		442.250	-67.24	-7.71	-74.95	-13.00	-61.95	peak	
4		705.120	-67.34	-2.87	-70.21	-13.00	-57.21	peak	
5		850.620	-66.99	-1.80	-68.79	-13.00	-55.79	peak	
6	*	952.955	-67.01	1.34	-65.67	-13.00	-52.67	peak	

APPENDIX F - RADIATED EMISSION (ABOVE 1GHZ)

Test Mode: PCS1900_TX CH661_GSM

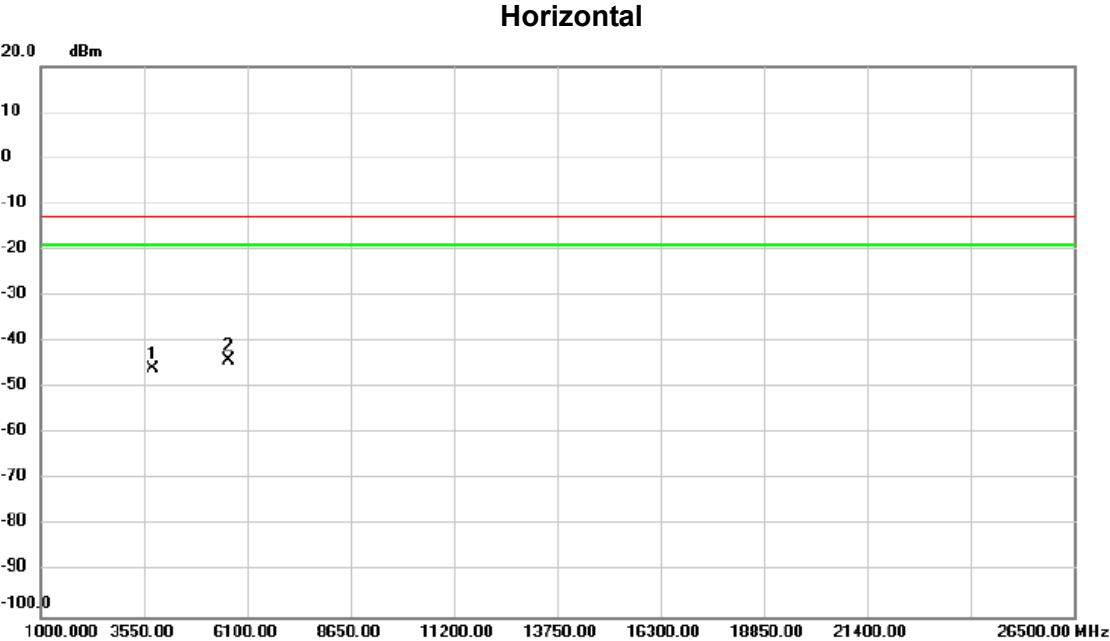
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3919.750	-45.95	2.13	-43.82	-13.00	-30.82	peak	
2		4595.500	-44.42	3.75	-40.67	-13.00	-27.67	peak	
3	*	5641.000	-41.91	6.19	-35.72	-13.00	-22.72	peak	
4		13163.500	-56.51	16.66	-39.85	-13.00	-26.85	peak	

Test Mode:

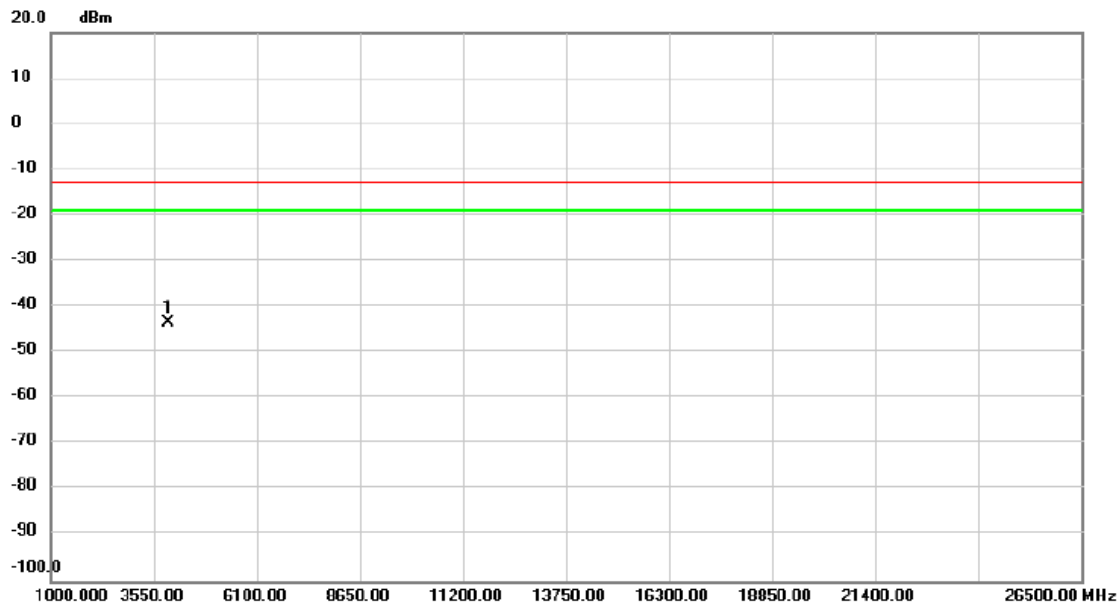
PCS1900_TX CH661_GSM



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3754.000	-47.55	1.66	-45.89	-13.00	-32.89	peak	
2	*	5641.000	-50.29	6.19	-44.10	-13.00	-31.10	peak	

Test Mode: PCS1900_TX CH661_EDGE

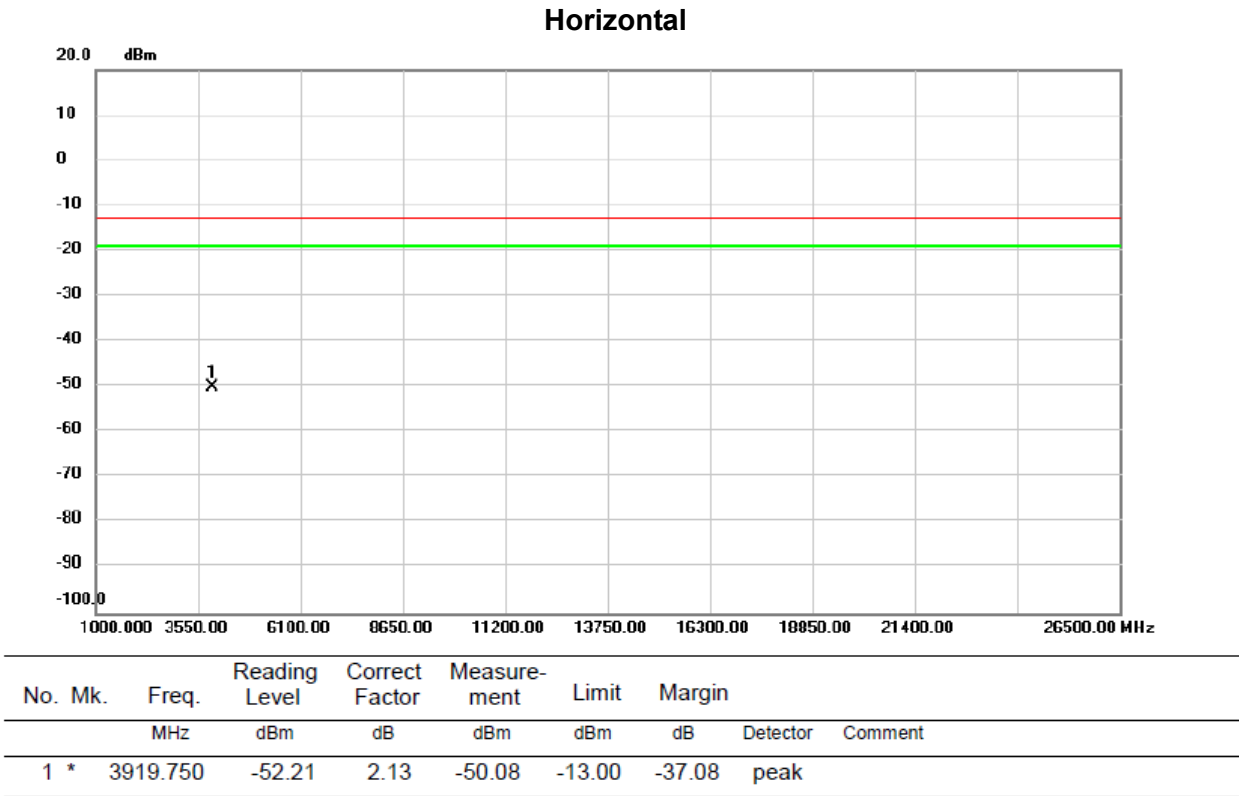
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3919.750	-45.63	2.13	-43.50	-13.00	-30.50	peak	

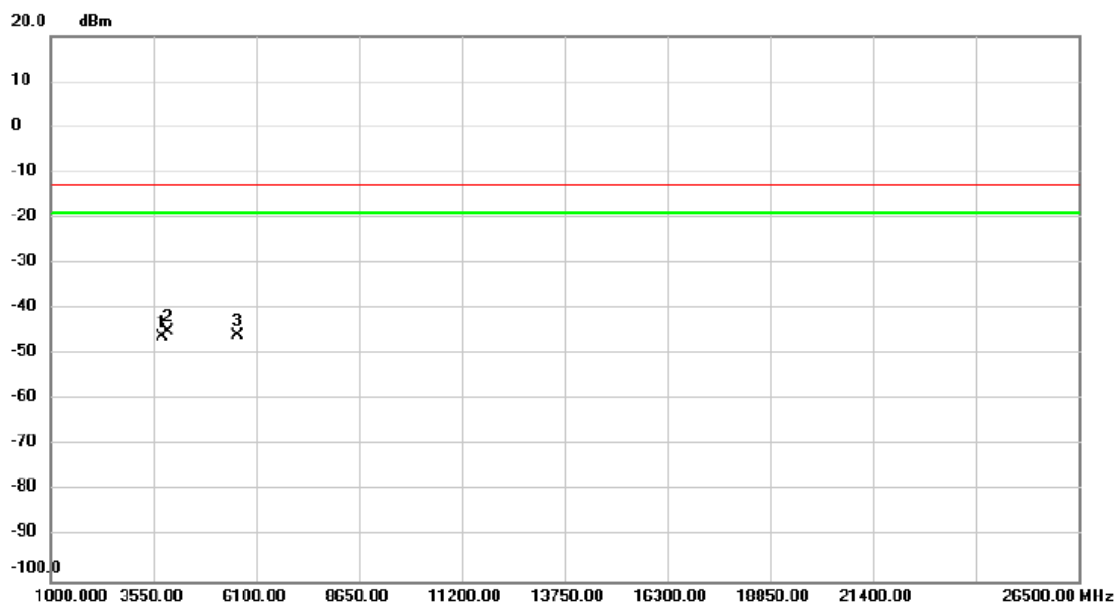
Test Mode:

PCS1900_TX CH661_EDGE



Test Mode: WCDMA Band II_TX CH9400

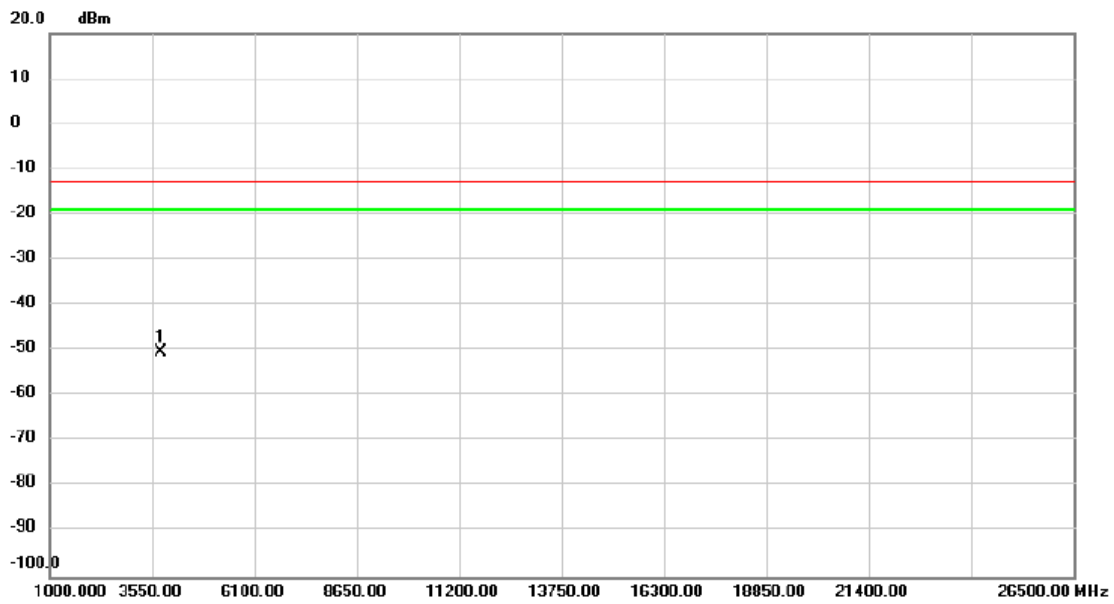
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3766.750	-47.99	1.70	-46.29	-13.00	-33.29	peak	
2	*	3919.750	-47.02	2.13	-44.89	-13.00	-31.89	peak	
3		5641.000	-52.00	6.19	-45.81	-13.00	-32.81	peak	

Test Mode:	WCDMA Band II_TX CH9400
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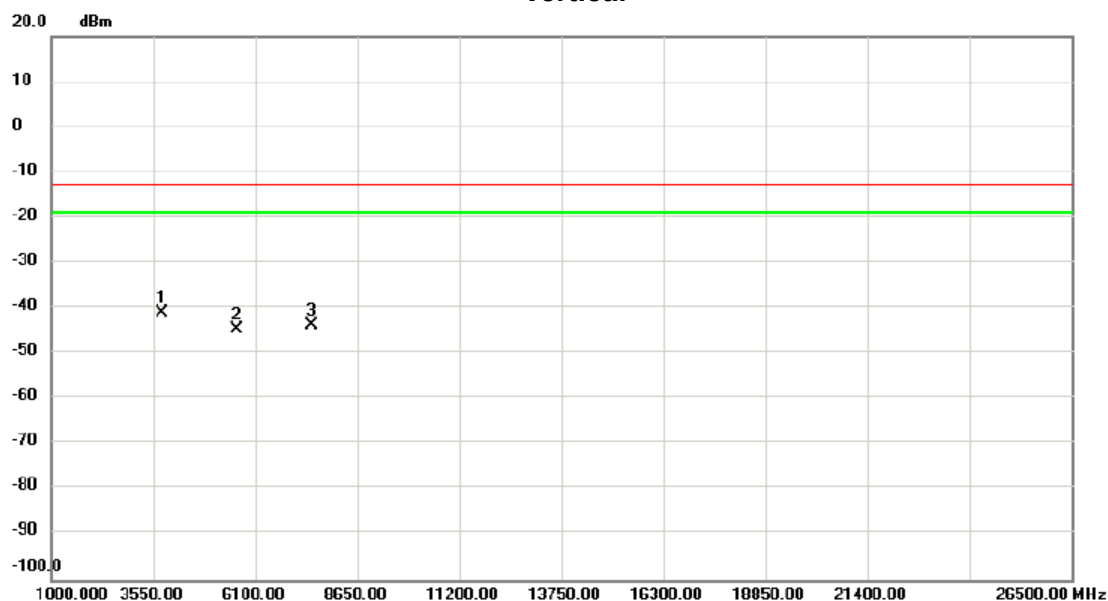
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3754.000	-51.98	1.66	-50.32	-13.00	-37.32	peak	

Test Mode: LTE Band 2_TX CH18900_1.4M

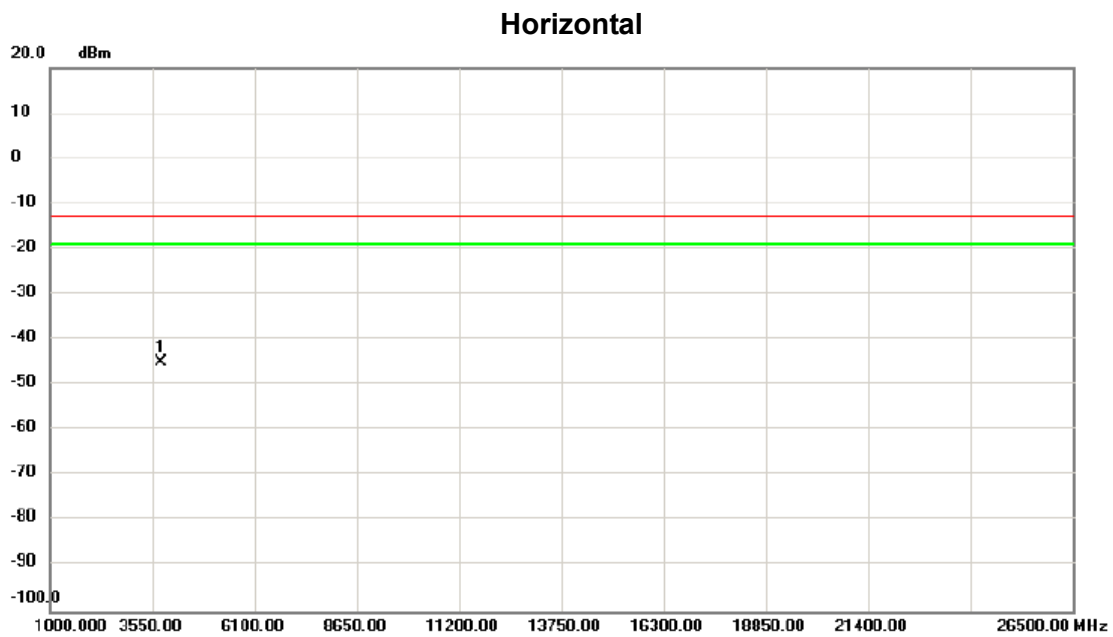
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3754.000	-42.70	1.66	-41.04	-13.00	-28.04	peak	
2		5641.000	-50.75	6.19	-44.56	-13.00	-31.56	peak	
3		7515.250	-54.95	11.07	-43.88	-13.00	-30.88	peak	

Test Mode:

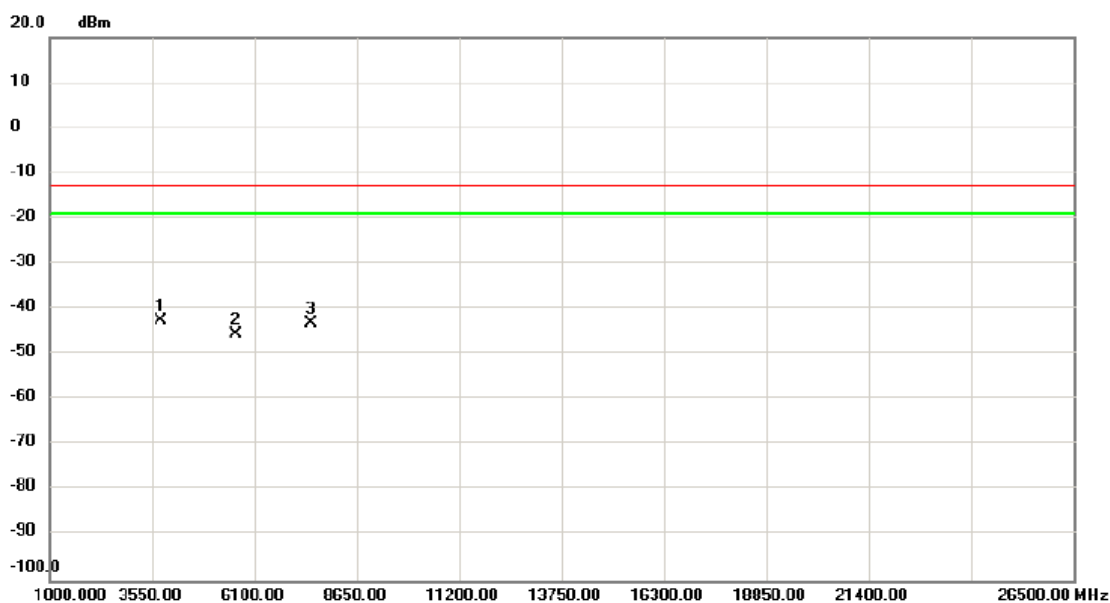
LTE Band 2_TX CH18900_1.4M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3754.000	-46.64	1.66	-44.98	-13.00	-31.98	peak	

Test Mode: LTE Band 2_ TX CH18900_5M

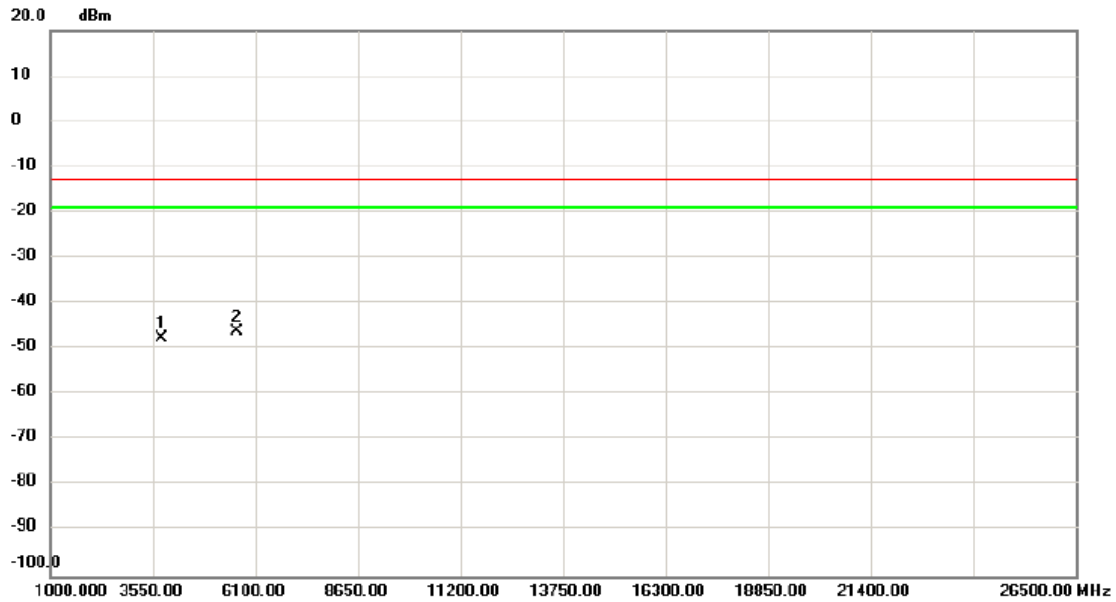
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3754.000	-44.33	1.66	-42.67	-13.00	-29.67	peak	
2		5628.250	-51.57	6.14	-45.43	-13.00	-32.43	peak	
3		7515.250	-54.16	11.07	-43.09	-13.00	-30.09	peak	

Test Mode: LTE Band 2_ TX CH18900_5M

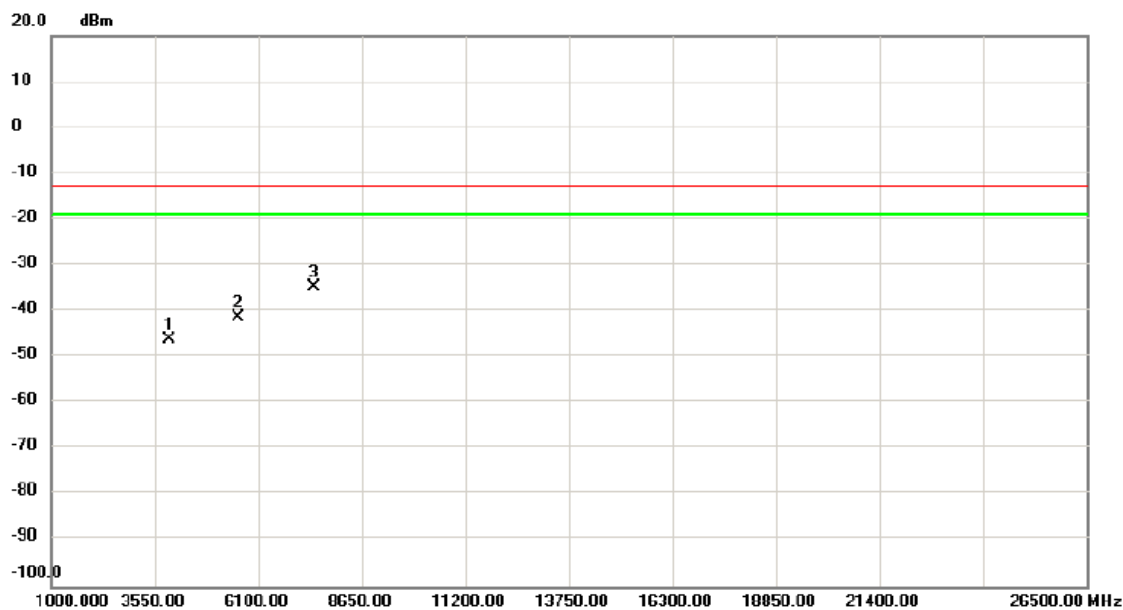
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3754.000	-49.19	1.66	-47.53	-13.00	-34.53	peak	
2	*	5628.250	-52.14	6.14	-46.00	-13.00	-33.00	peak	

Test Mode: LTE Band 2_TX CH18900_20M

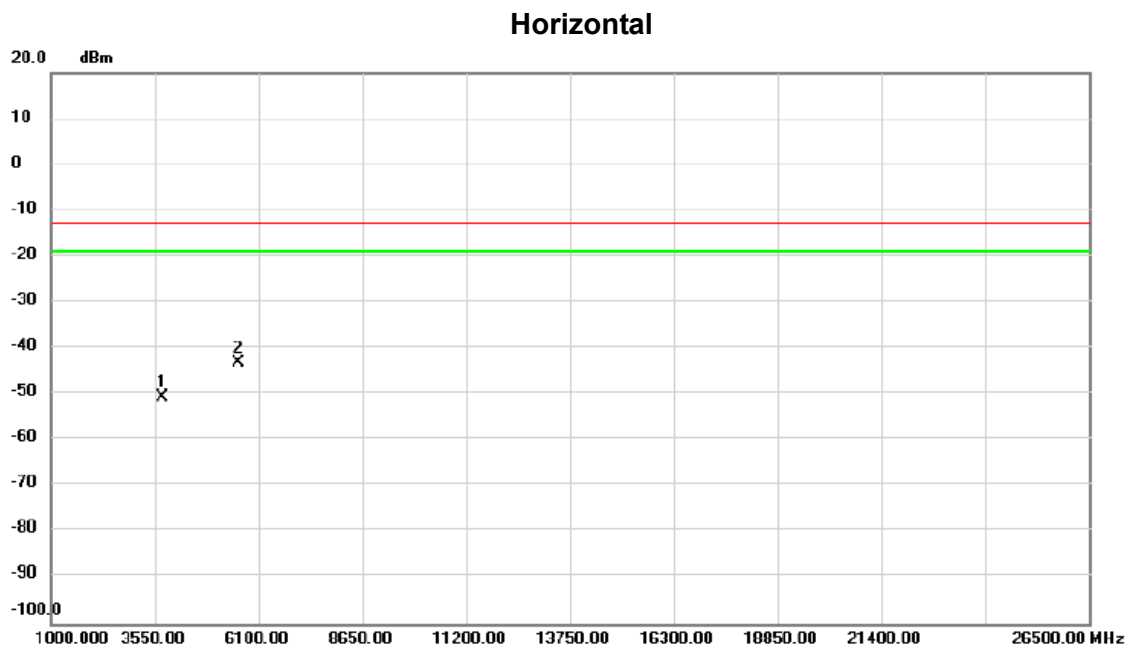
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3919.750	-48.20	2.13	-46.07	-13.00	-33.07	peak	
2		5615.500	-47.52	6.09	-41.43	-13.00	-28.43	peak	
3	*	7489.750	-45.92	11.06	-34.86	-13.00	-21.86	peak	

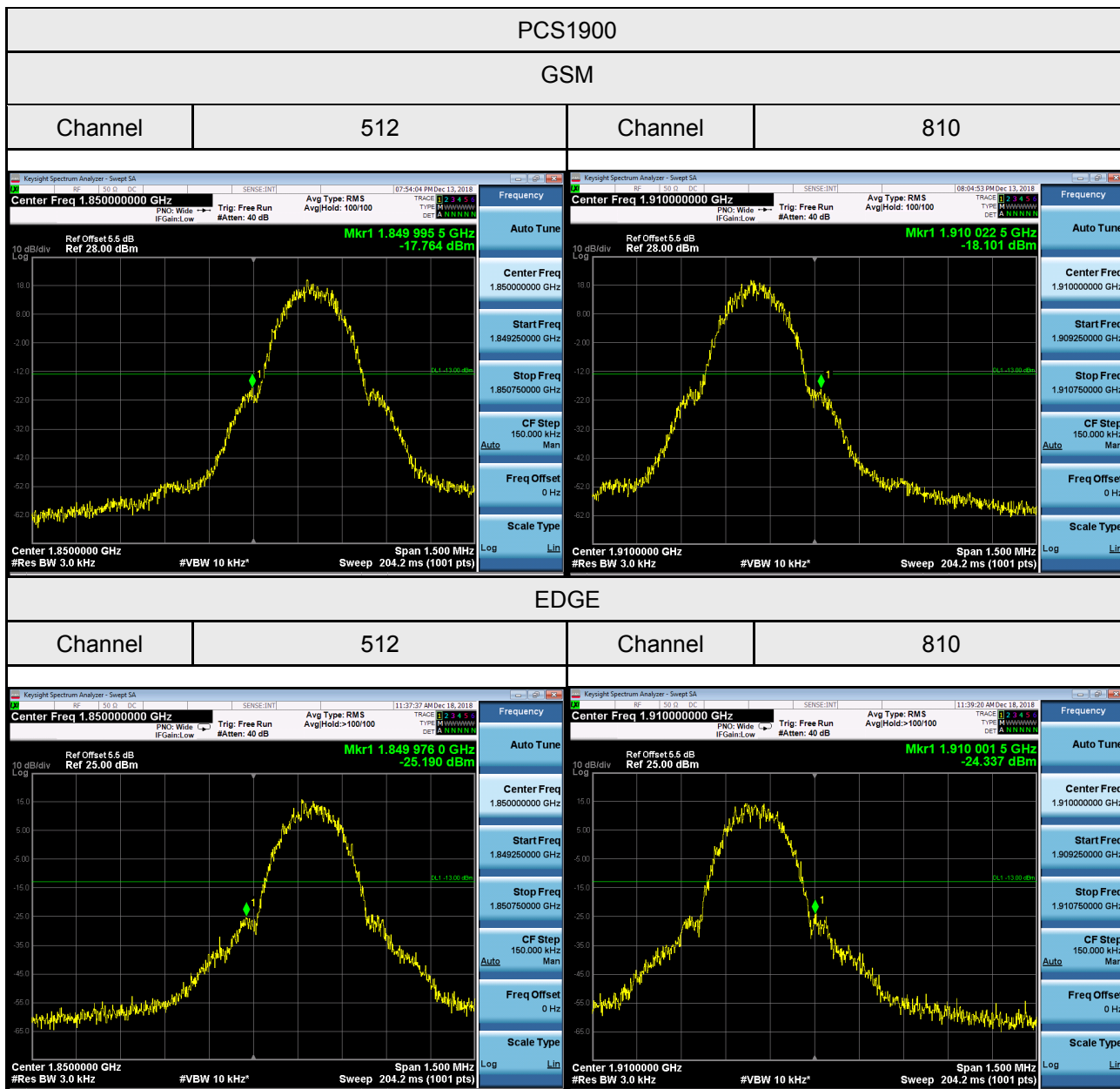
Test Mode:

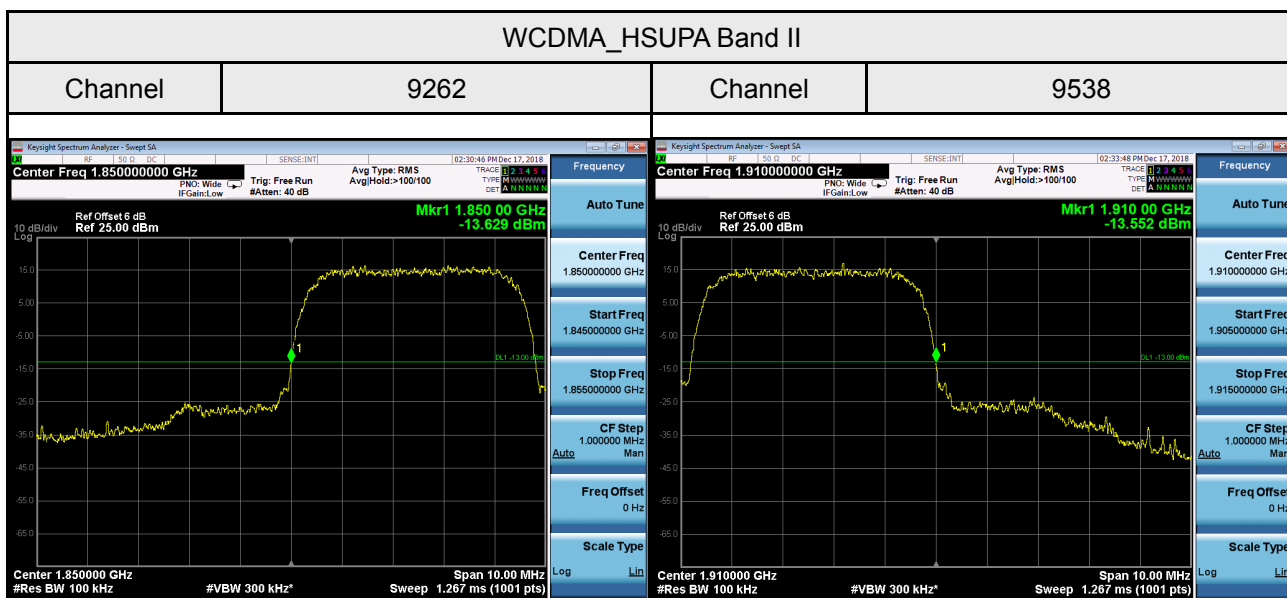
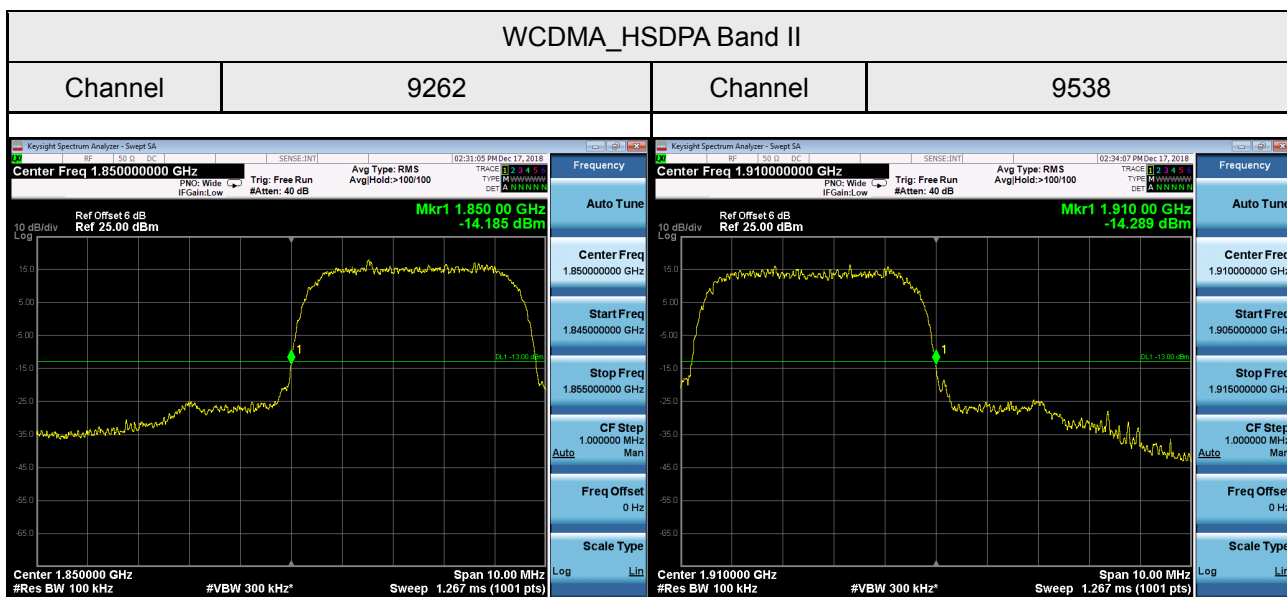
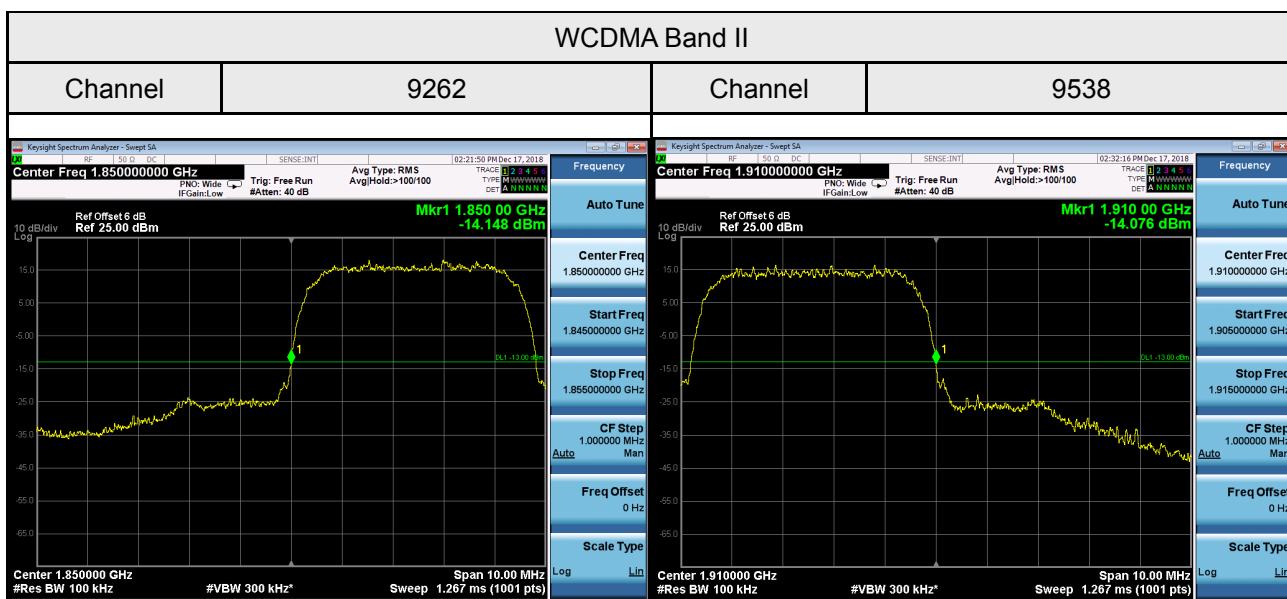
LTE Band 2_TX CH18900_20M

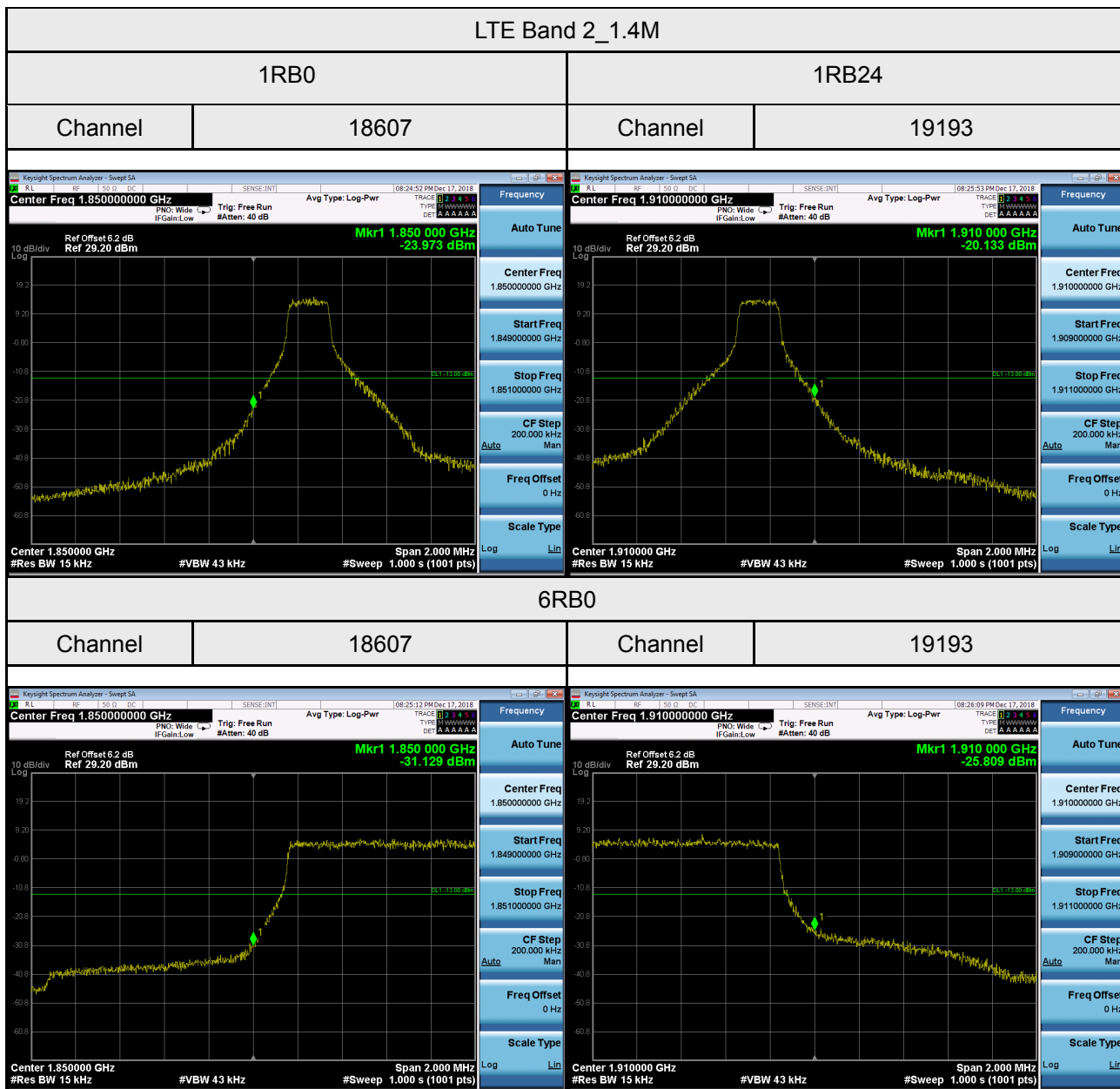


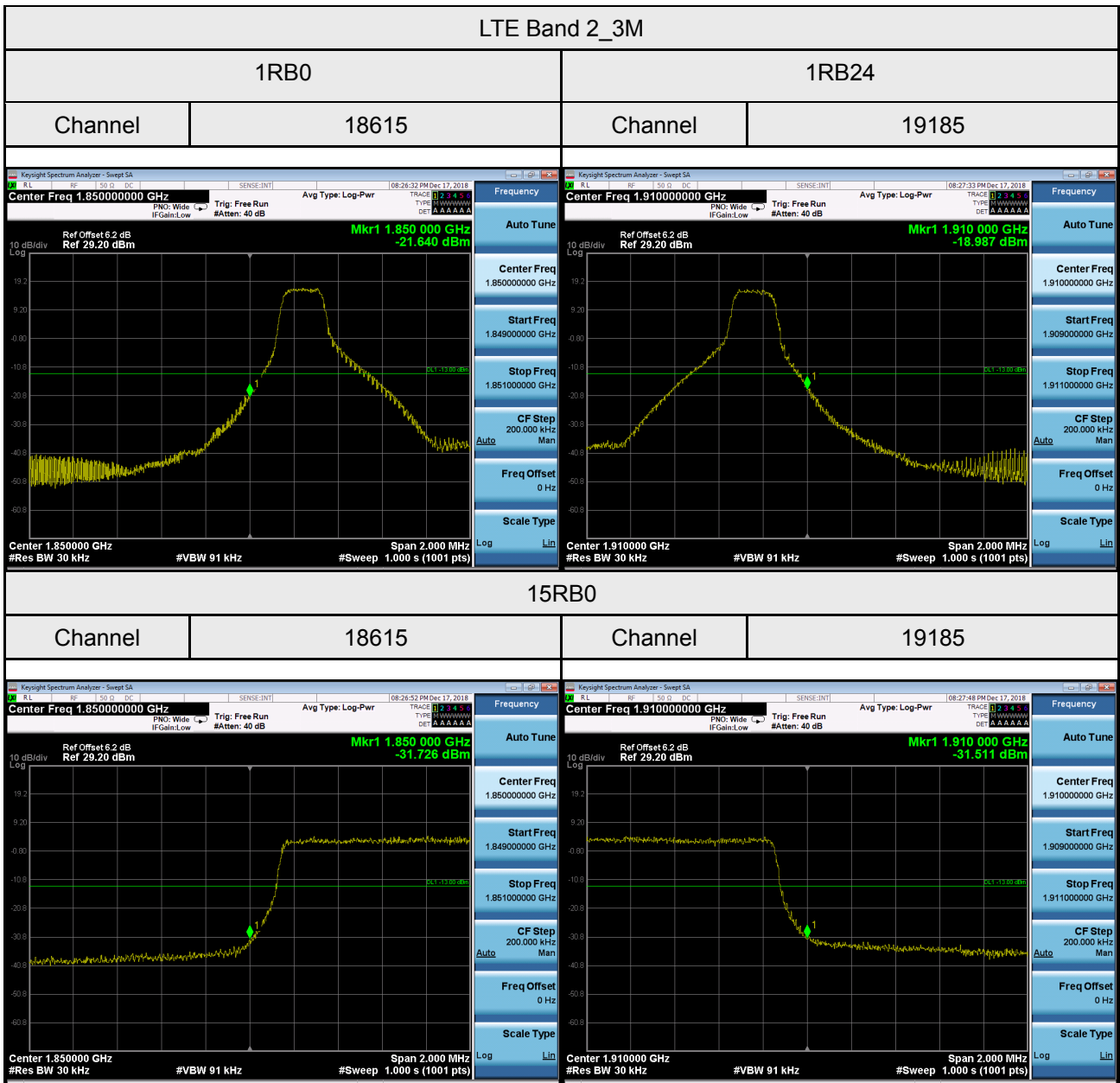
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		3741.250	-52.13	1.61	-50.52	-13.00	-37.52	peak	
2	*	5615.500	-49.28	6.09	-43.19	-13.00	-30.19	peak	

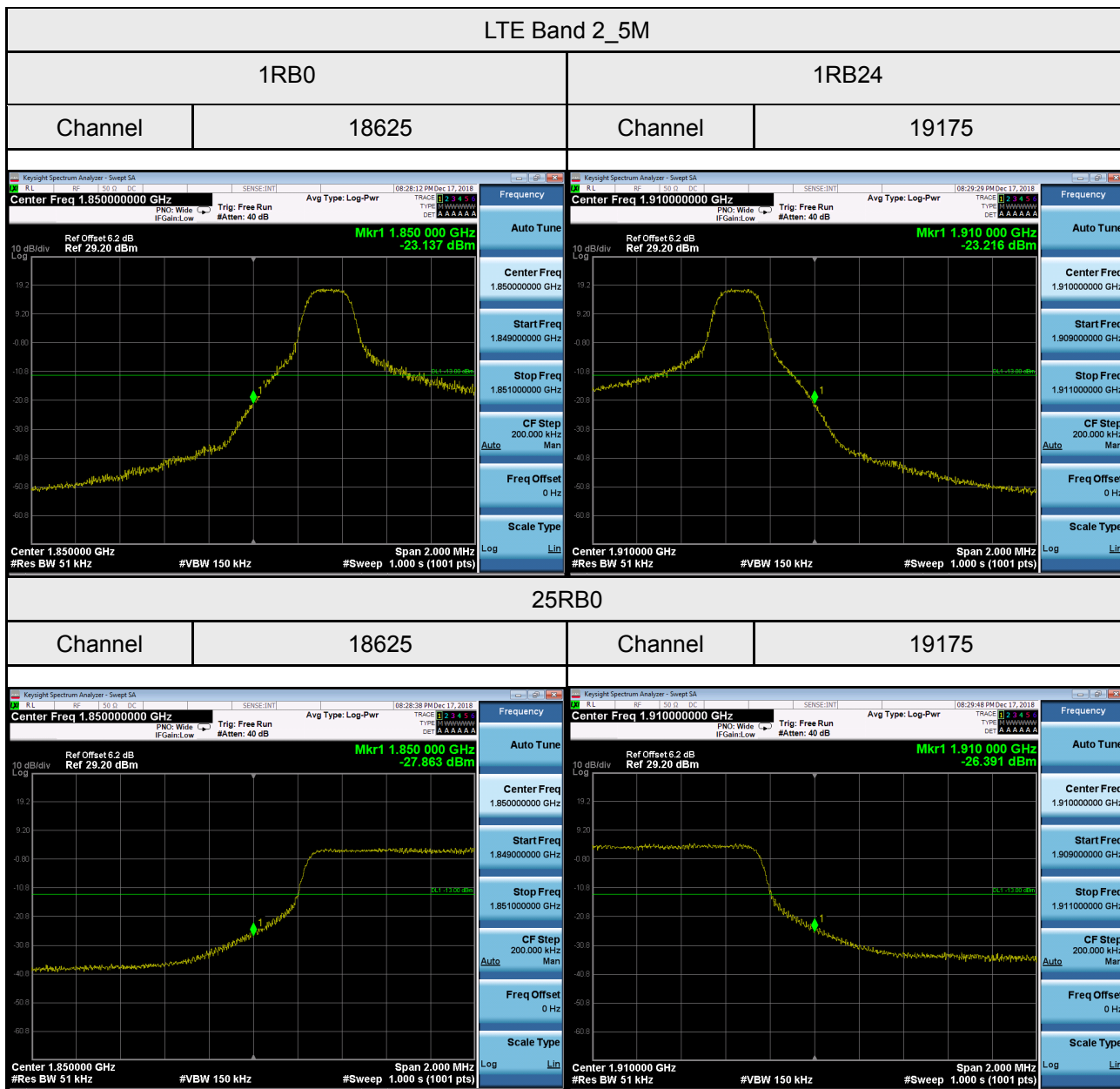
APPENDIX G - BAND EDGE

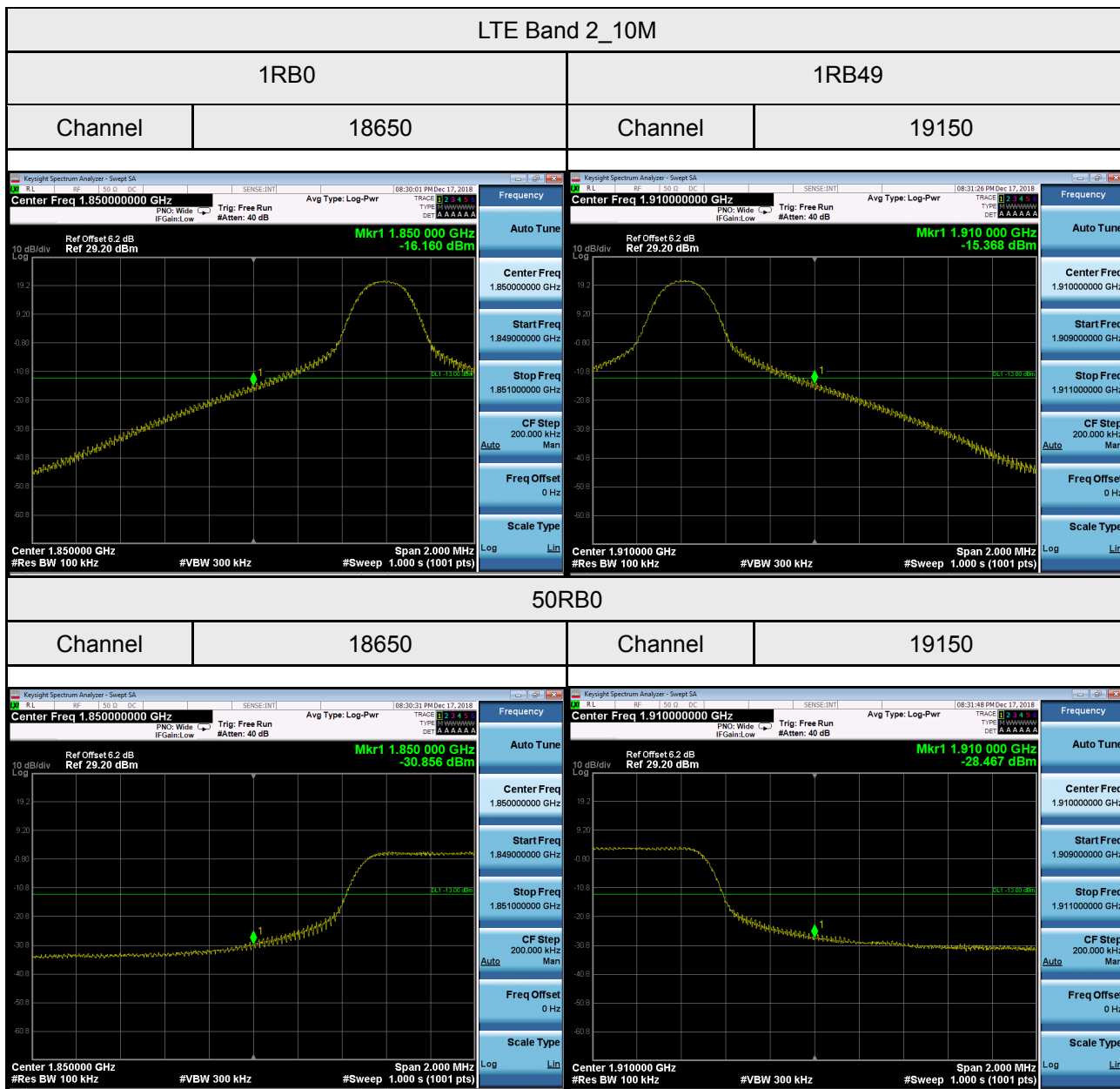


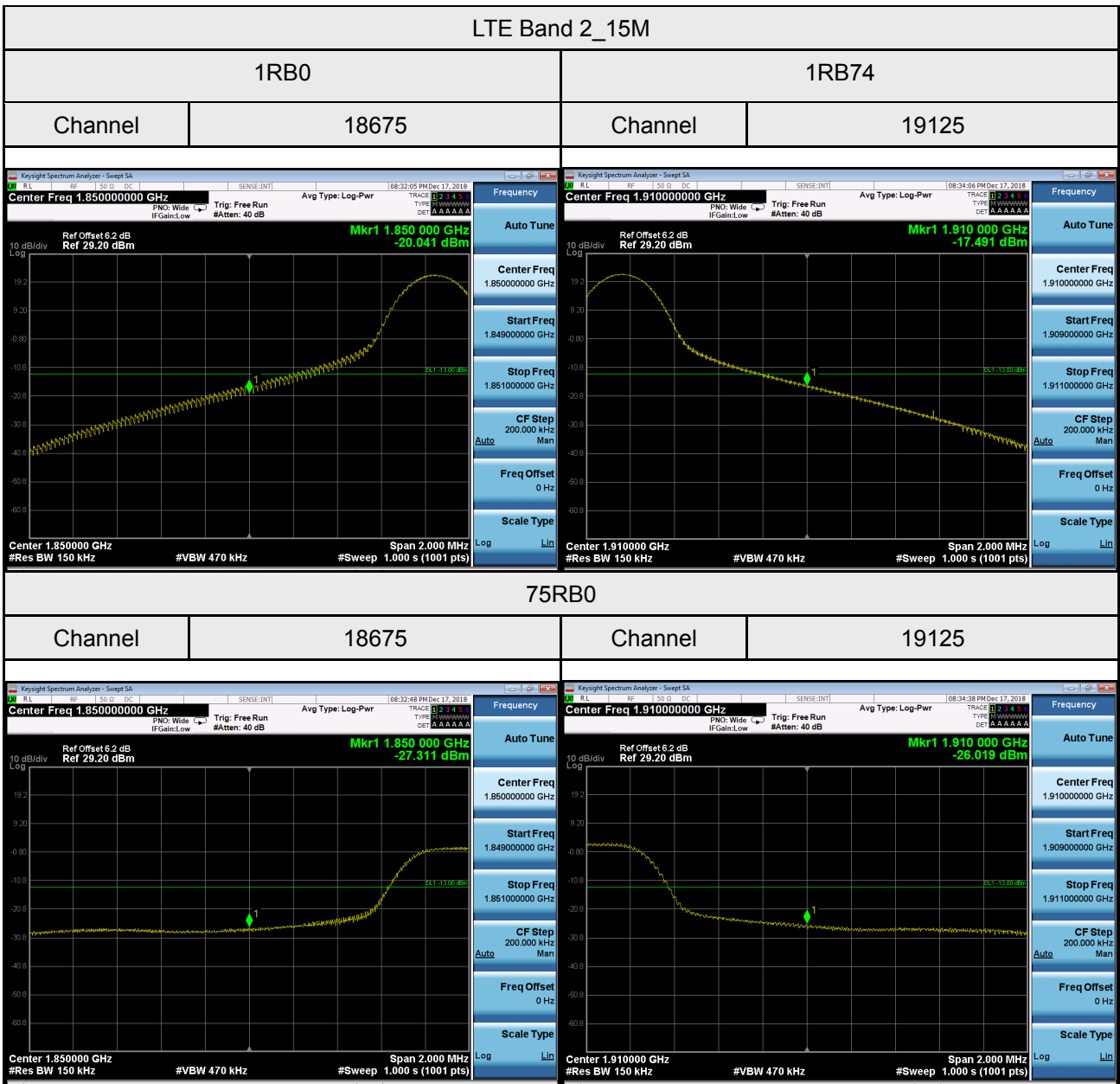


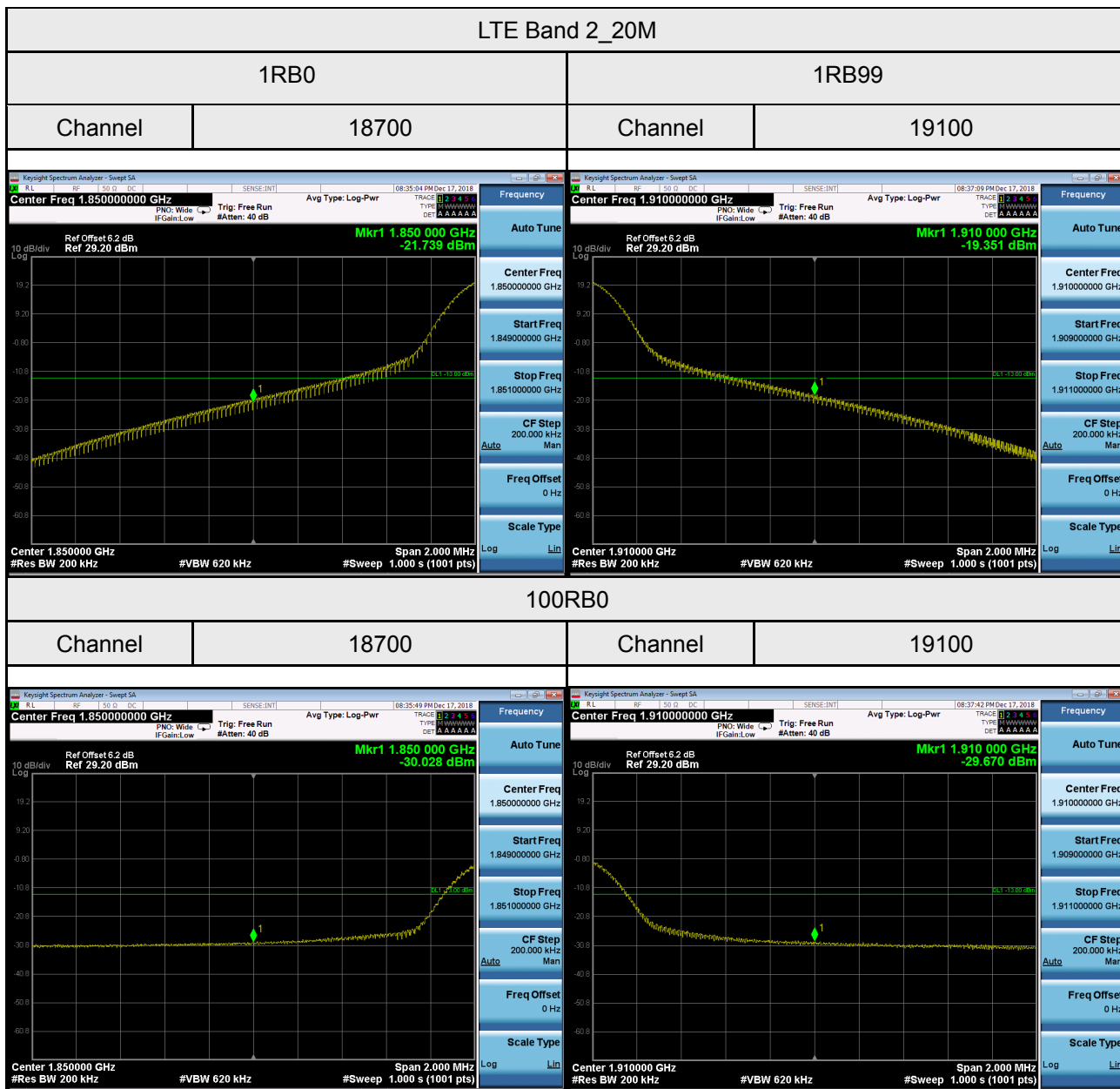










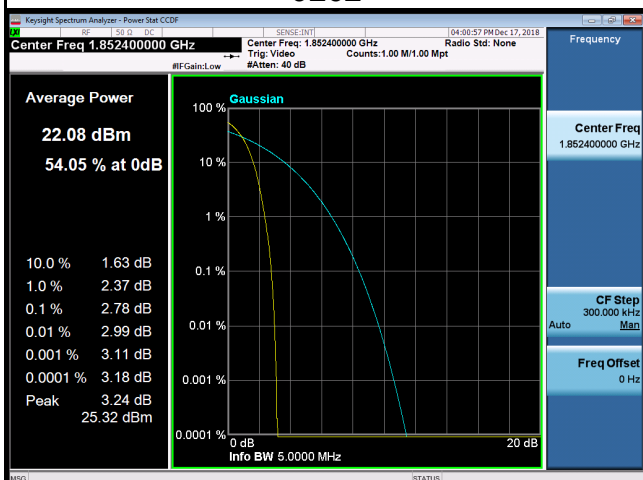


APPENDIX H - PEAK TO AVERAGE RATIO

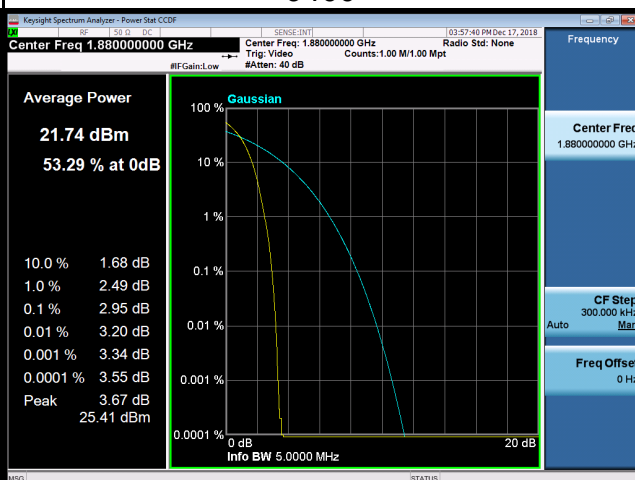
PCS1900							
GSM				EDGE			
CS				8PSK			
Channel	Frequency (MHz)	PAPR (dB)	Limit (dB)	Channel	Frequency (MHz)	PAPR (dB)	Limit (dB)
512	1850.2	0.87	13	512	1850.2	3.76	13
661	1880	0.86	13	661	1880	3.78	13
810	1909.8	0.88	13	810	1909.8	3.75	13

WCDMA Band II Spectrum Plot

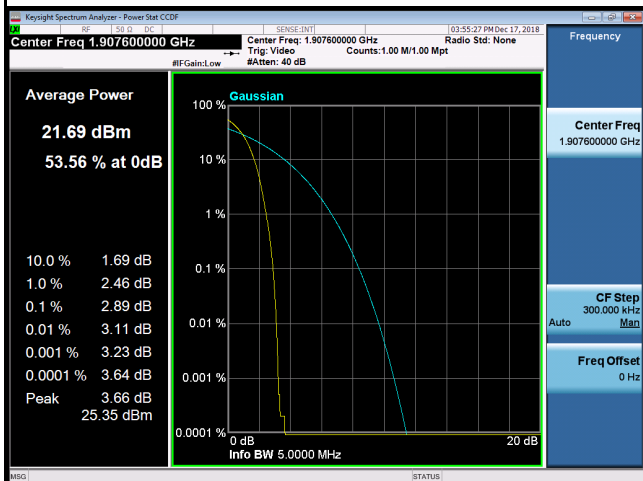
9262



9400



9538



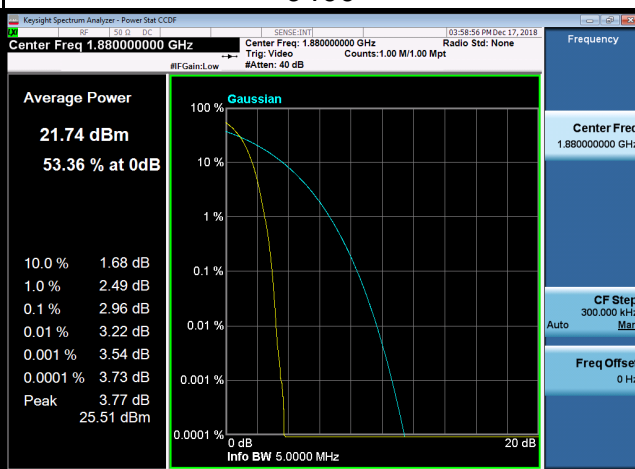
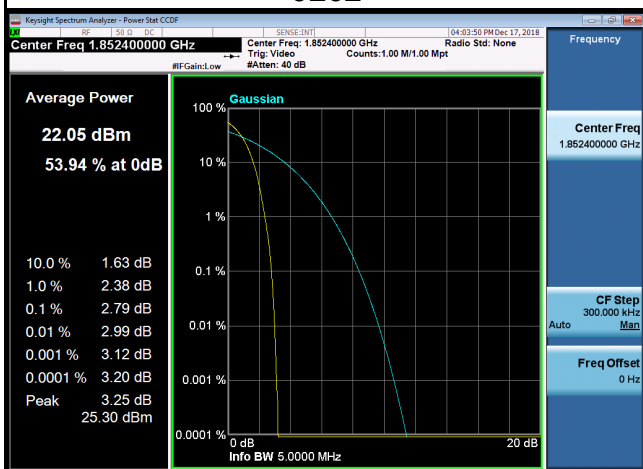
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WCDMA_HSDPA Band II Spectrum Plot

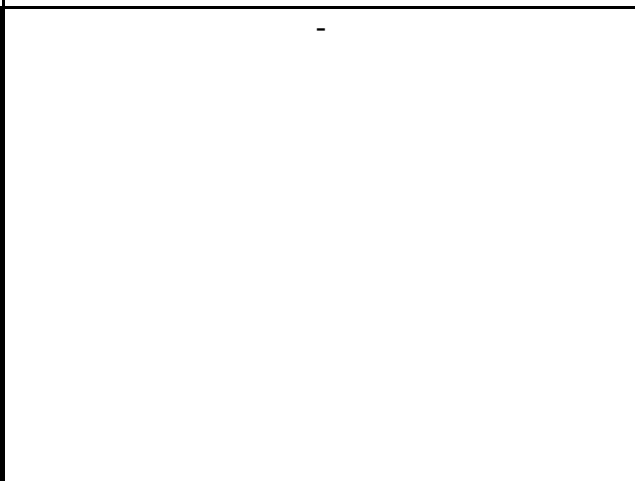
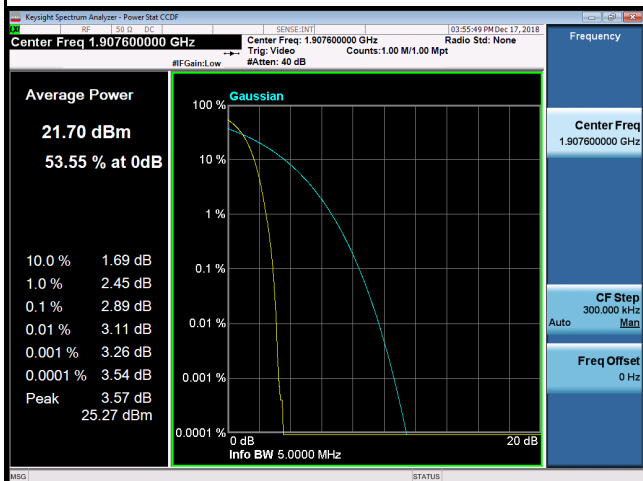
9262

9400



9538

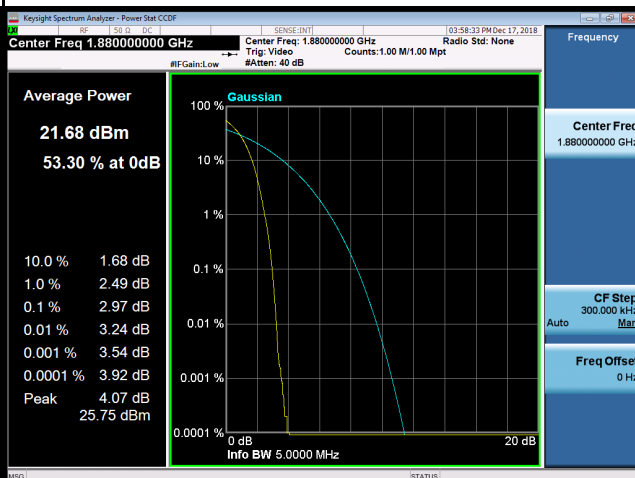
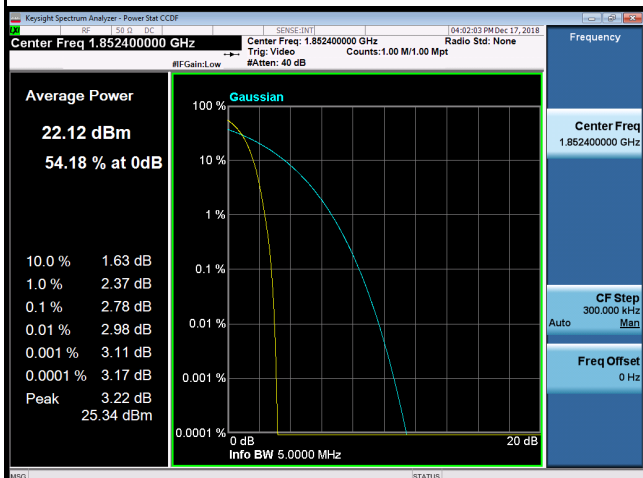
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WCDMA_HSUPA Band II Spectrum Plot

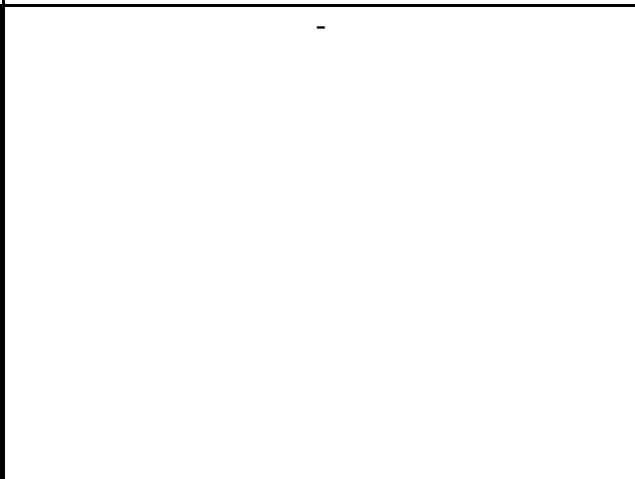
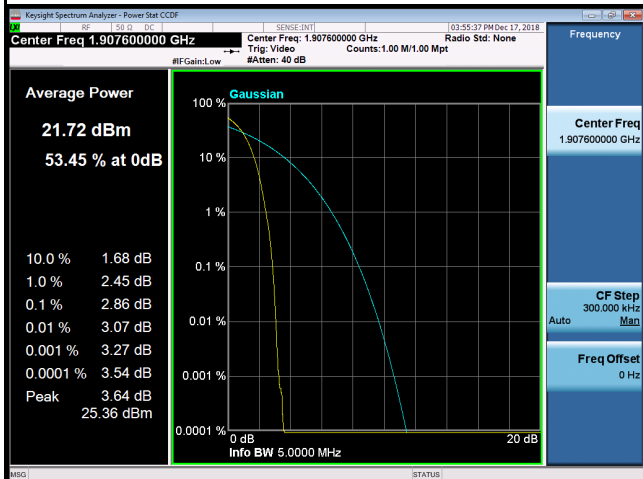
9262

9400

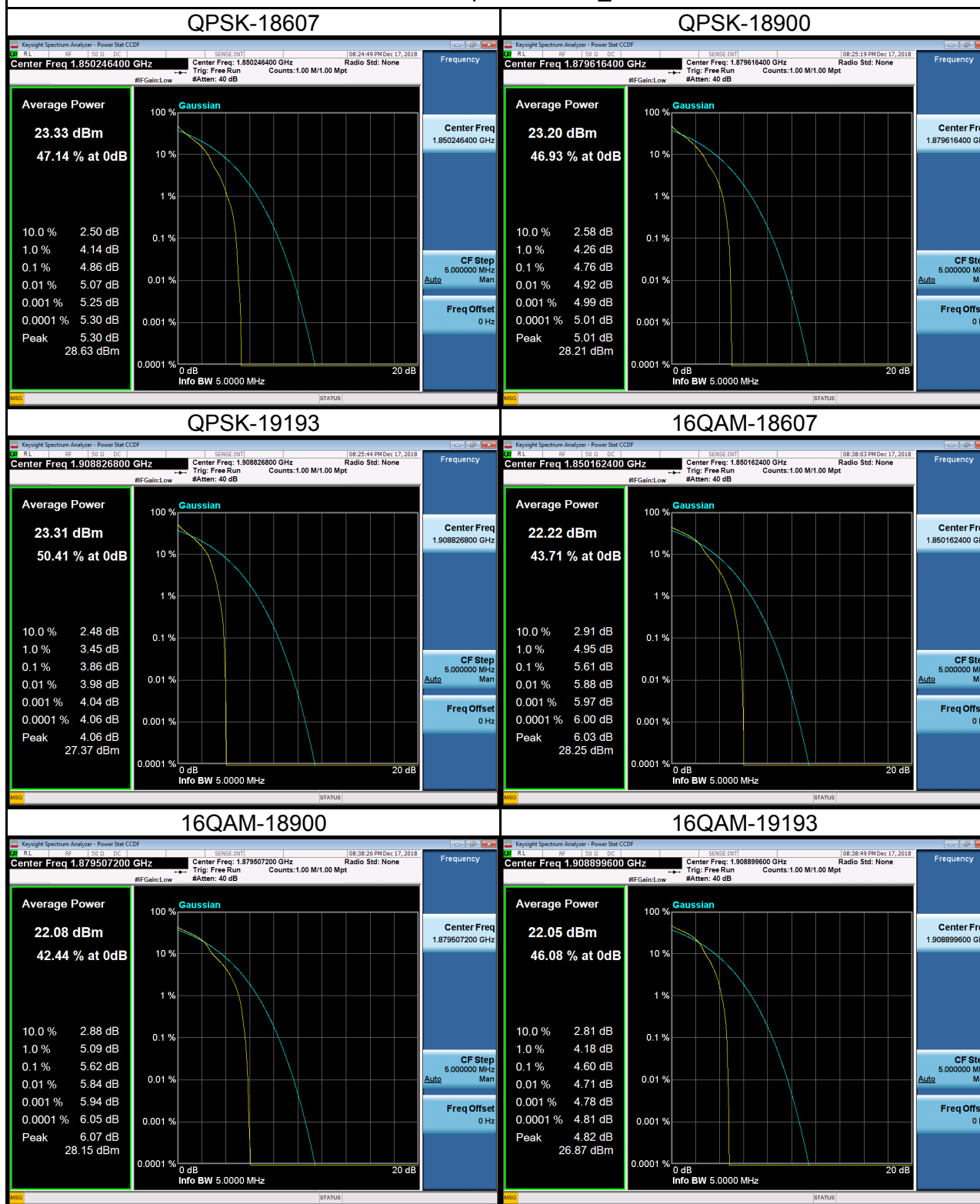


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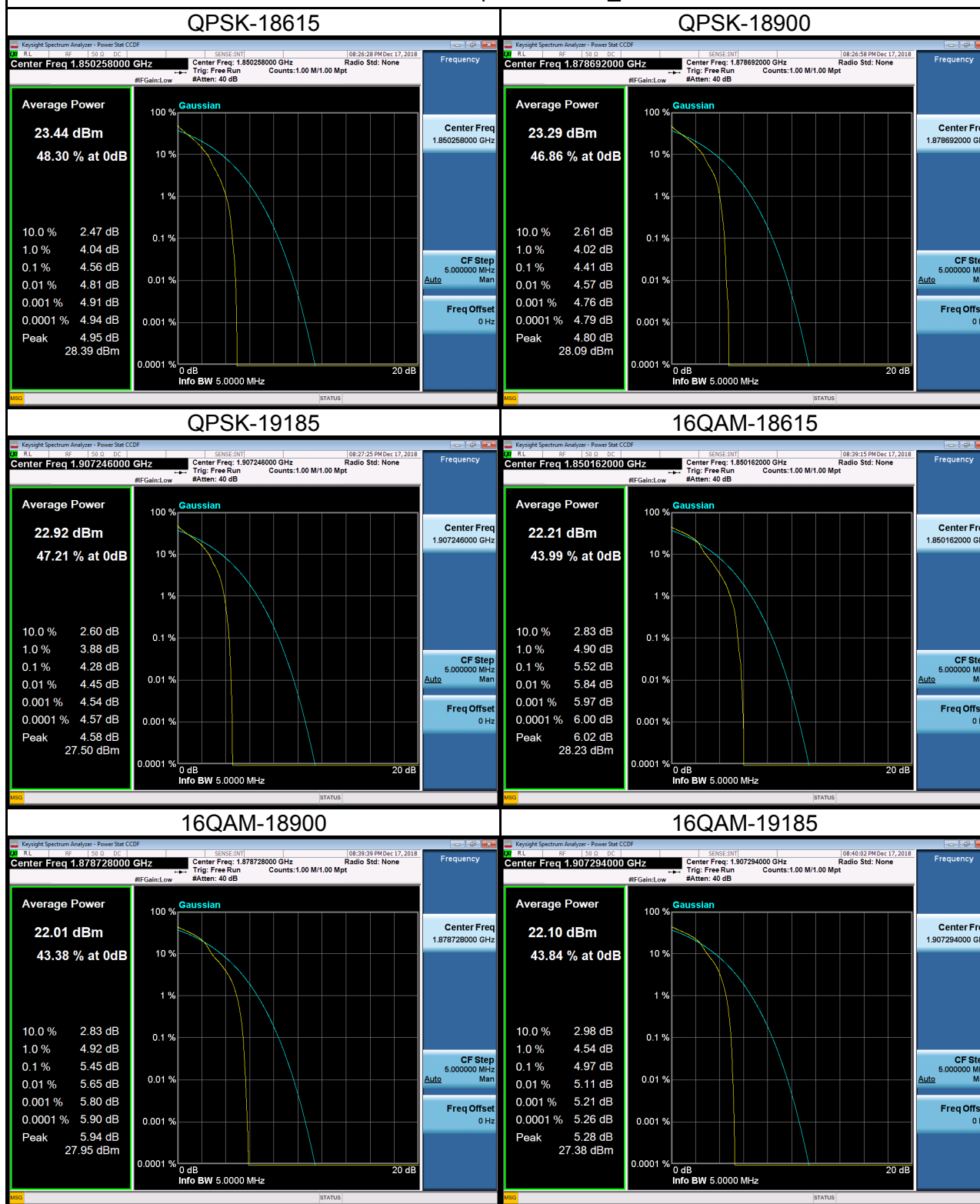
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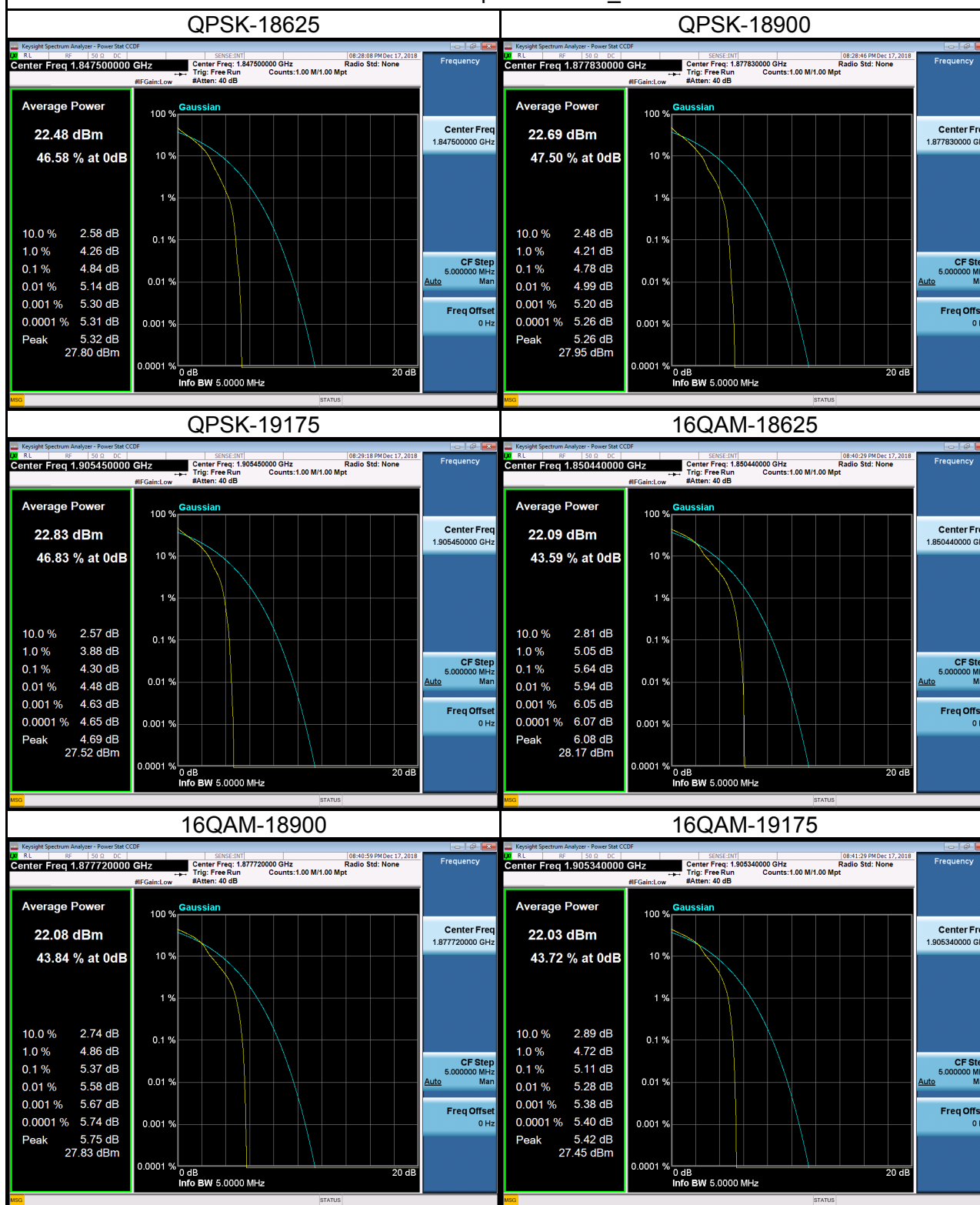
LTE Band 2 Spectrum Plot_1.4M



LTE Band 2 Spectrum Plot_3M



LTE Band 2 Spectrum Plot_5M



LTE Band 2 Spectrum Plot_10M

