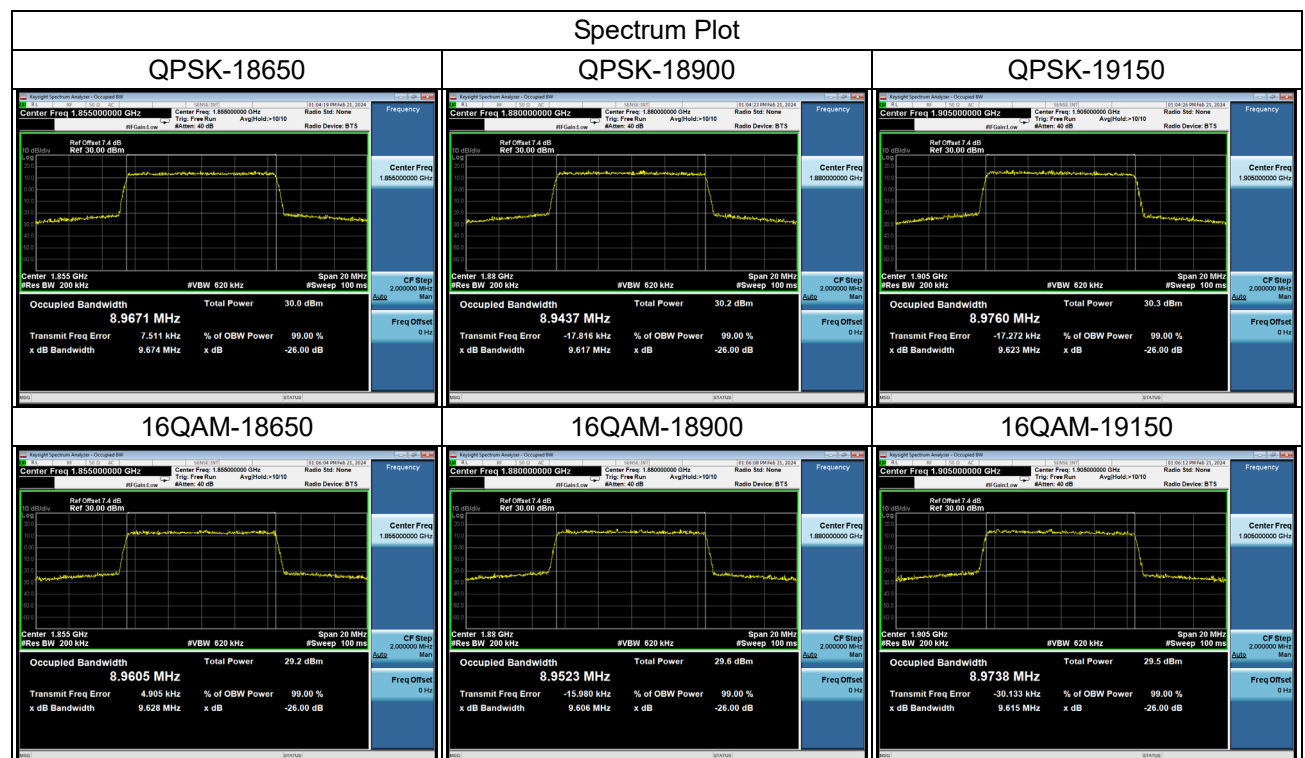
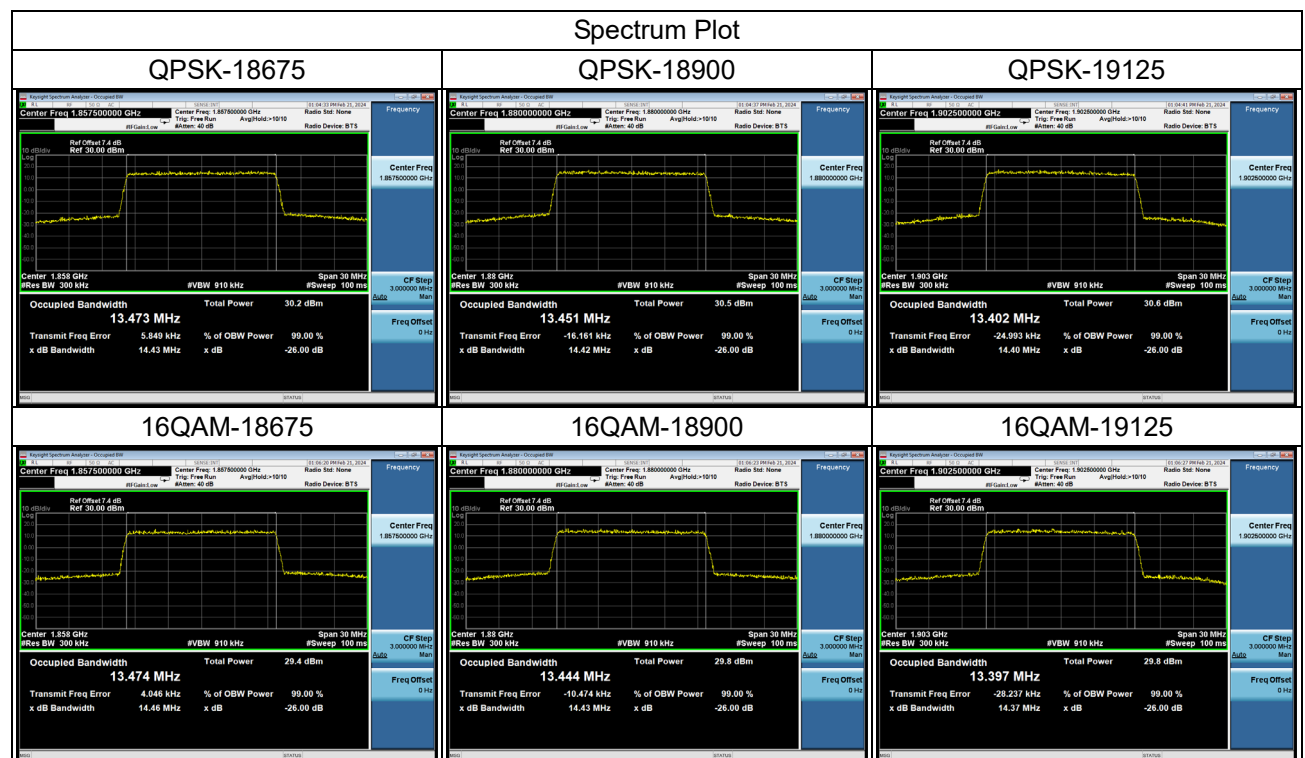


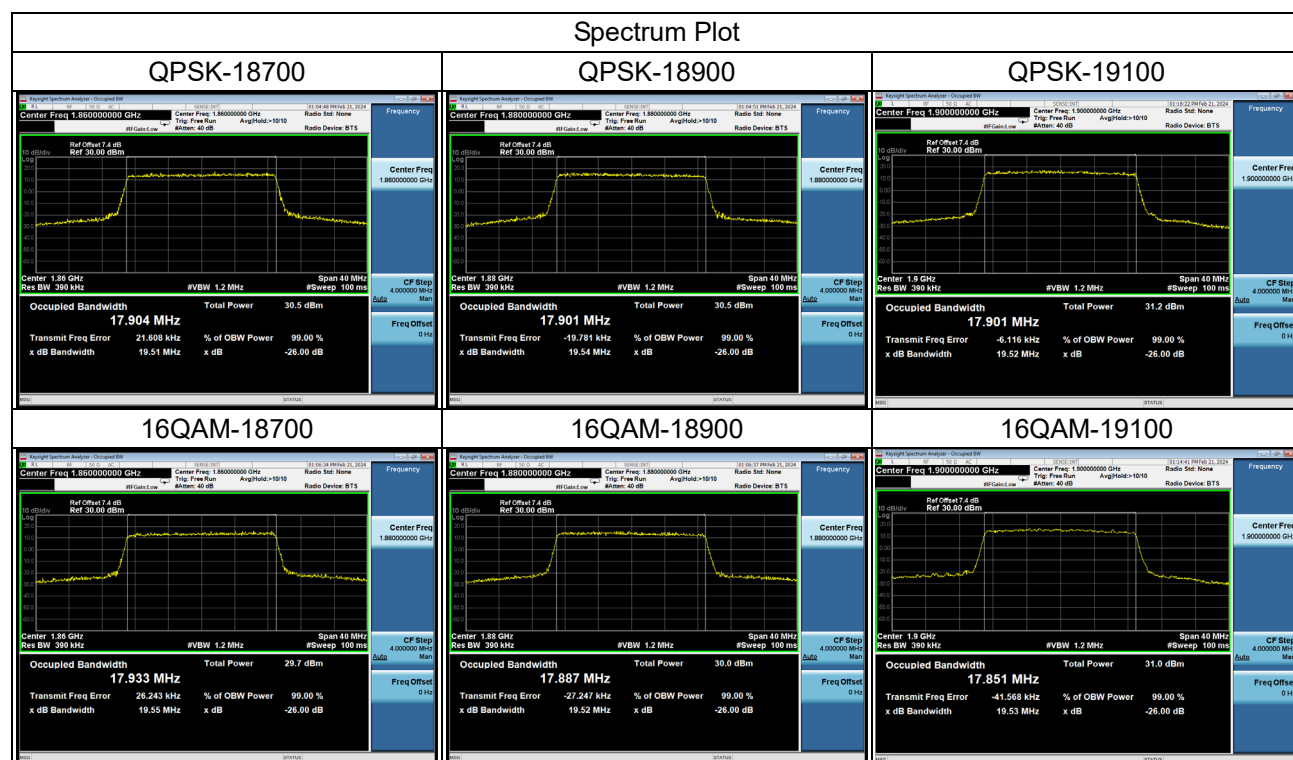
LTE Band 2_10MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
18650	1855	8.9671	8.9605	9.674	9.628
18900	1880	8.9437	8.9523	9.617	9.606
19150	1905	8.9760	8.9738	9.623	9.615



LTE Band 2_15MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
18675	1857.5	13.473	13.474	14.43	14.46
18900	1880	13.451	13.444	14.42	14.43
19125	1902.5	13.402	13.397	14.40	14.37

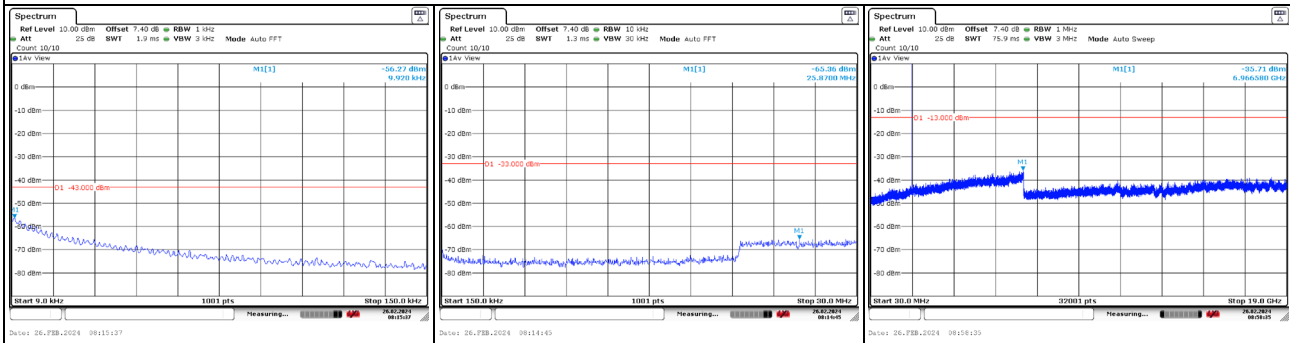


LTE Band 2_20MHz					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)		26dB Bandwidth (MHz)	
		QPSK	16QAM	QPSK	16QAM
18700	1860	17.904	17.933	19.51	19.55
18900	1880	17.901	17.887	19.54	19.52
19100	1900	17.901	17.851	19.52	19.53

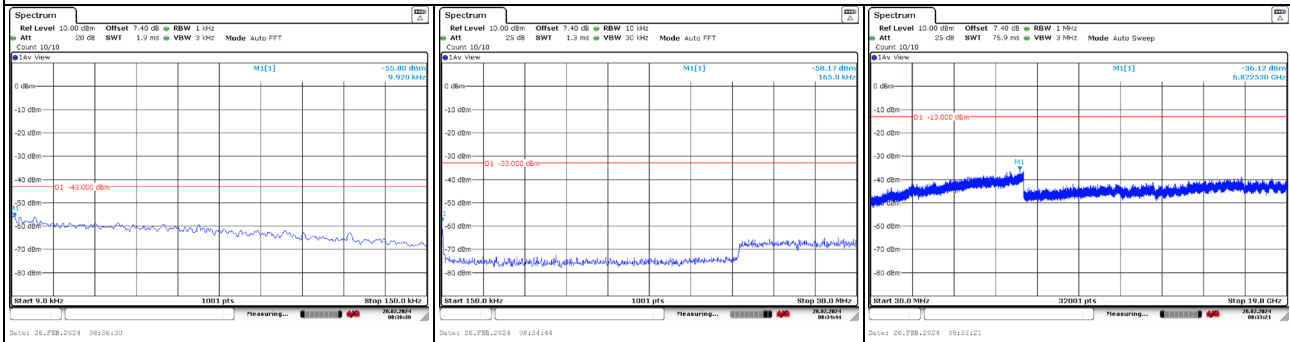


APPENDIX C - CONDUCTED SPURIOUS EMISSIONS

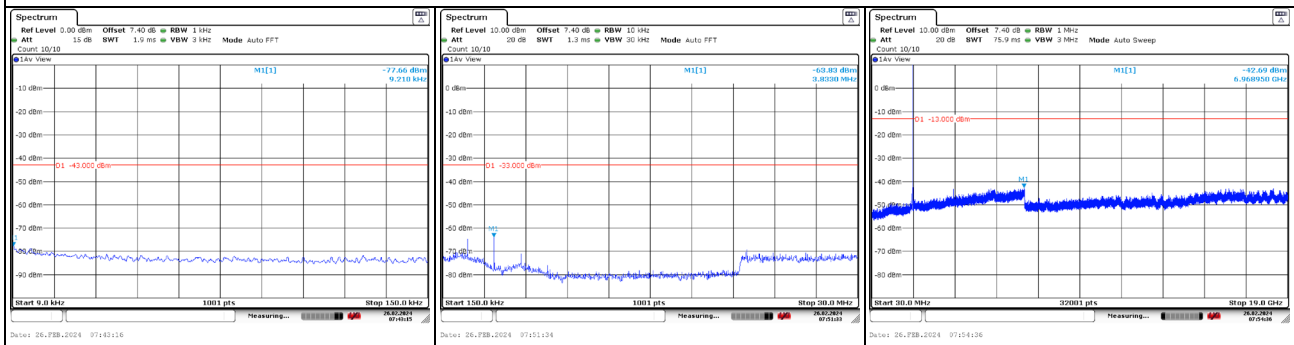
PCS1900_GSM_CH661 Spectrum Plot



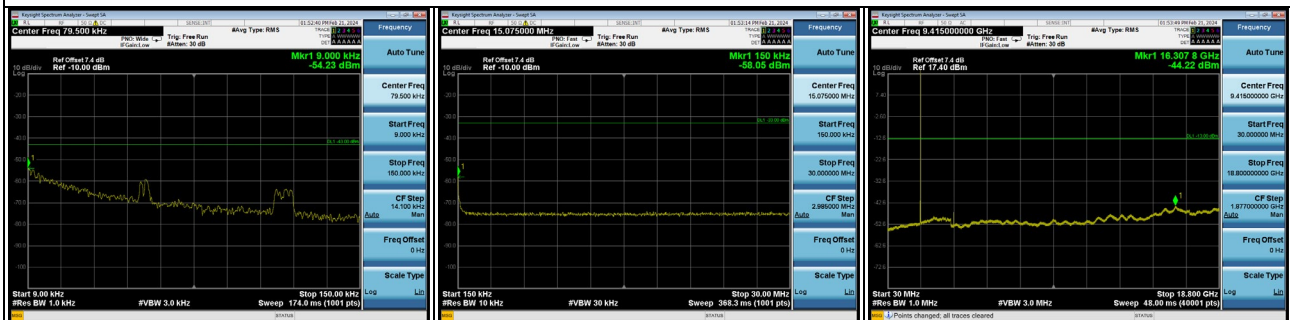
PCS1900_EDGE_CH661 Spectrum Plot



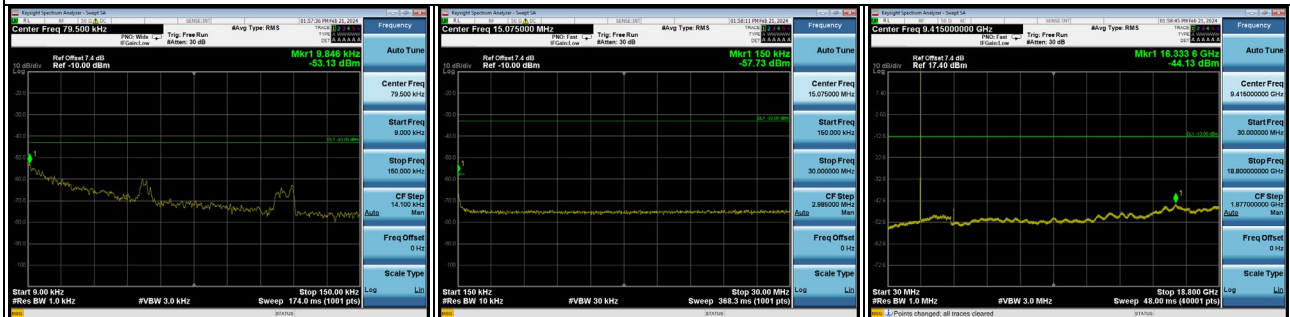
WCDMA Band II_WCDMA_CH9400 Spectrum Plot



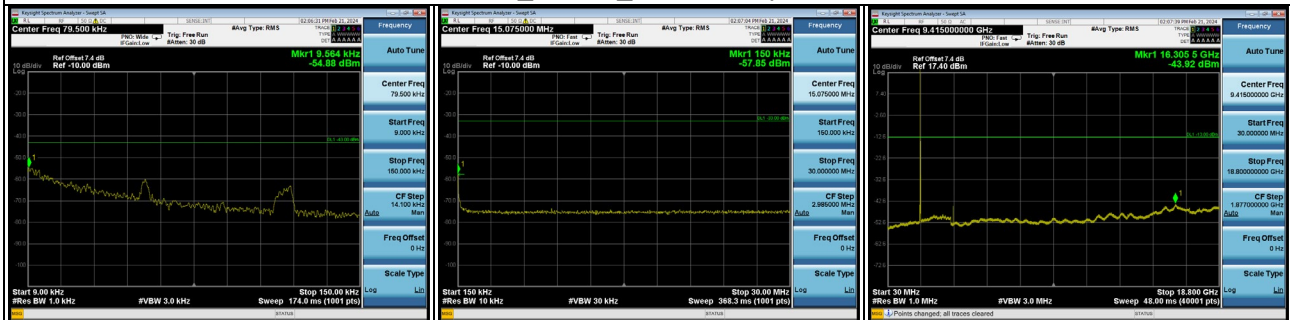
LTE Band 2_1.4MHz_CH18900 Spectrum Plot



LTE Band 2_5MHz_CH18900 Spectrum Plot



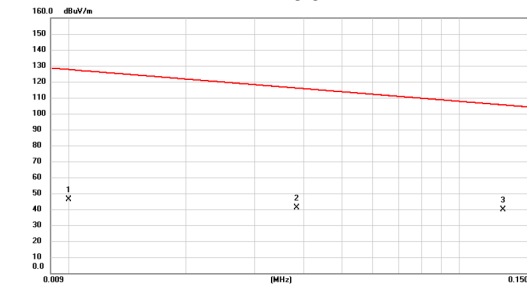
LTE Band 2_20MHz_CH18900 Spectrum Plot



APPENDIX D - RADIATED SPURIOUS EMISSIONS (9KHZ TO 30MHZ)

Test Mode : TX Mode

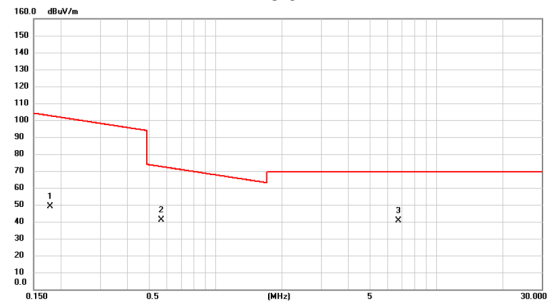
Ant 0°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0100	24.75	21.28	46.03	127.60	-81.57	AVG	
2	0.0384	20.80	20.01	40.81	115.92	-75.11	AVG	
3 *	0.1291	19.72	20.16	39.88	105.39	-65.51	AVG	

Test Mode : TX Mode

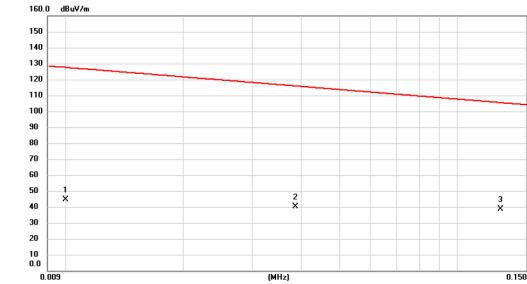
Ant 0°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.1787	28.82	20.09	48.91	102.56	-53.65	AVG	
2	0.5680	20.98	20.04	41.02	72.52	-31.50	QP	
3 *	6.7470	20.34	20.32	40.66	69.54	-28.88	QP	

Test Mode : TX Mode

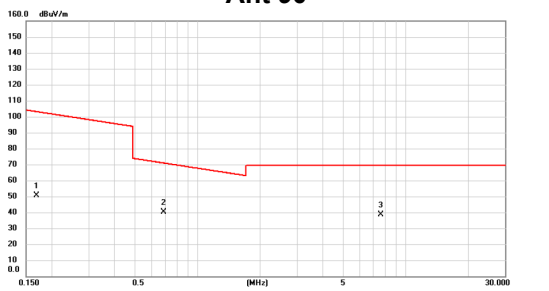
Ant 90°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0100	23.23	21.28	44.51	127.60	-83.09	AVG	
2	0.0386	20.03	20.01	40.04	115.87	-75.83	AVG	
3 *	0.1287	18.43	20.16	38.59	105.42	-66.83	AVG	

Test Mode : TX Mode

Ant 90°

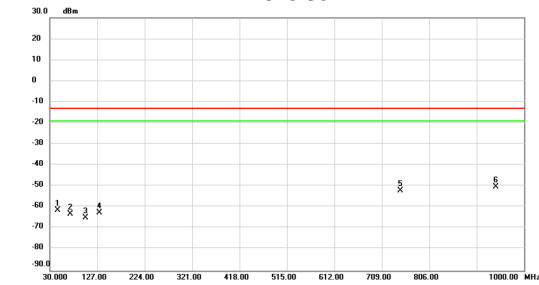


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.1685	30.53	20.11	50.64	103.07	-52.43	AVG	
2 *	0.6873	20.04	20.04	40.08	70.86	-30.78	QP	
3	7.5827	18.32	20.38	38.70	69.54	-30.84	QP	

APPENDIX E - RADIATED SPURIOUS EMISSIONS (30MHZ TO 1000MHZ)

Test Mode : PCS1900_TX CH661_GSM

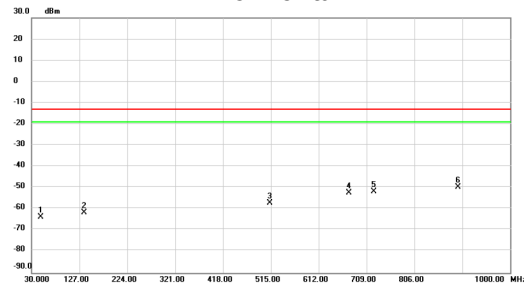
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	46.4900	-70.92	9.69	-61.23	-13.00	-48.23	peak	
2	71.7100	-70.43	7.18	-63.25	-13.00	-50.25	peak	
3	102.7500	-70.57	5.64	-64.93	-13.00	-51.93	peak	
4	131.3650	-71.04	8.61	-62.43	-13.00	-49.43	peak	
5	746.8300	-72.48	20.47	-52.01	-13.00	-39.01	peak	
6 *	941.8000	-72.33	21.99	-50.34	-13.00	-37.34	peak	

Test Mode : PCS1900_TX CH661_GSM

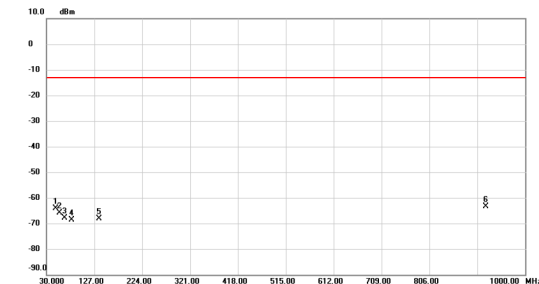
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	48.4300	-73.39	9.73	-63.66	-13.00	-50.66	peak	
2	136.2150	-70.61	9.02	-61.59	-13.00	-48.59	peak	
3	513.5450	-72.50	15.41	-57.09	-13.00	-44.09	peak	
4	673.1100	-71.08	18.66	-52.42	-13.00	-39.42	peak	
5	723.5500	-71.47	19.74	-51.73	-13.00	-38.73	peak	
6 *	894.7550	-71.02	21.44	-49.58	-13.00	-36.58	peak	

Test Mode : WCDMA Band II_TX CH9400

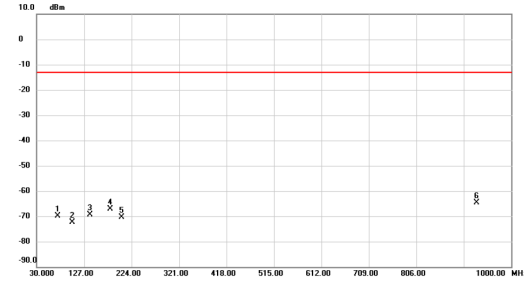
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	48.9150	-63.78	-0.25	-64.03	-13.00	-51.03	peak	
2	56.6750	-65.24	-0.54	-65.78	-13.00	-52.78	peak	
3	66.8600	-66.00	-1.86	-67.86	-13.00	-54.86	peak	
4	80.9250	-63.64	-4.94	-68.58	-13.00	-55.58	peak	
5	136.2150	-67.03	-0.98	-68.01	-13.00	-55.01	peak	
6 *	920.4600	-75.11	11.74	-63.37	-13.00	-50.37	peak	

Test Mode : WCDMA Band II_TX CH9400

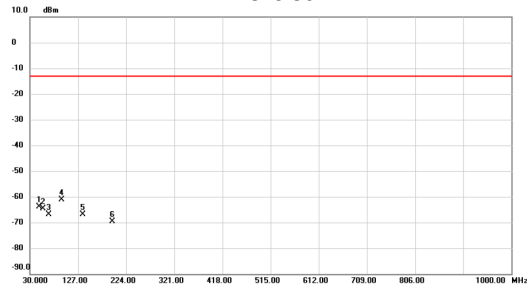
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1	72.6800	-66.94	-3.04	-69.98	-13.00	-56.98	peak	
2	102.7500	-68.05	-4.36	-72.41	-13.00	-59.41	peak	
3	136.1250	-68.70	-0.74	-69.44	-13.00	-56.44	peak	
4	180.3500	-65.75	-1.40	-67.15	-13.00	-54.15	peak	
5	203.6300	-67.20	-3.20	-70.40	-13.00	-57.40	peak	
6 *	929.1900	-76.41	11.84	-64.57	-13.00	-51.57	peak	

Test Mode : LTE Band 2_TX CH18900_1.4MHz

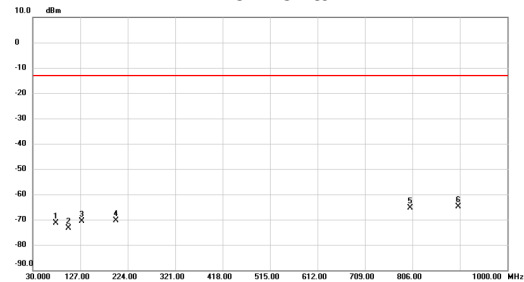
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
1		48.9150	-63.67	-0.25	-63.92	-13.00	-50.92	peak	
2		56.6750	-64.16	-0.54	-64.70	-13.00	-51.70	peak	
3		67.8300	-64.76	-2.03	-66.79	-13.00	-53.79	peak	
4	*	94.0200	-55.37	-5.67	-61.04	-13.00	-48.04	peak	
5		136.7000	-65.87	-0.94	-66.81	-13.00	-53.81	peak	
6		195.8700	-66.78	-2.89	-69.67	-13.00	-56.67	peak	

Test Mode : LTE Band 2_TX CH18900_1.4MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
1		77.5300	-67.11	-4.17	-71.28	-13.00	-58.28	peak	
2		102.7500	-69.08	-4.36	-73.44	-13.00	-60.44	peak	
3		130.3950	-69.09	-1.47	-70.56	-13.00	-57.56	peak	
4		199.7500	-67.23	-3.12	-70.35	-13.00	-57.35	peak	
5		801.1500	-76.02	10.77	-65.25	-13.00	-52.25	peak	
6	*	900.0900	-76.37	11.50	-64.87	-13.00	-51.87	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
1		45.5200	-65.22	-0.35	-65.57	-13.00	-52.57	peak	
2		64.9200	-65.05	-1.51	-66.56	-13.00	-53.56	peak	
3		78.5000	-62.30	-4.40	-66.70	-13.00	-53.70	peak	
4		136.7000	-65.90	-0.94	-66.84	-13.00	-53.84	peak	
5		204.1150	-68.52	-3.21	-71.73	-13.00	-58.73	peak	
6	*	893.7850	-76.13	11.42	-64.71	-13.00	-51.71	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

Horizontal

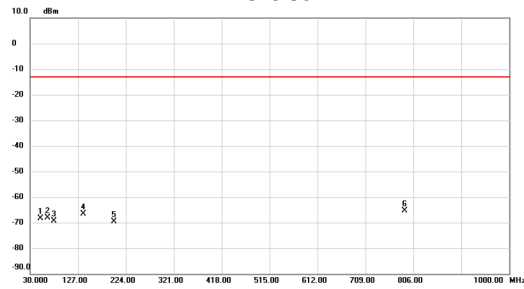


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
1		78.5000	-69.52	-4.40	-73.92	-13.00	-60.92	peak	
2		101.7800	-72.22	-4.49	-76.71	-13.00	-63.71	peak	
3		138.6400	-70.66	-0.78	-71.44	-13.00	-58.44	peak	
4		199.2650	-67.69	-3.09	-70.78	-13.00	-57.78	peak	
5		750.7100	-76.20	10.57	-65.63	-13.00	-52.63	peak	
6	*	993.6950	-76.20	12.22	-63.98	-13.00	-50.98	peak	

Test Mode : LTE Band 2_TX CH18900_20MHz

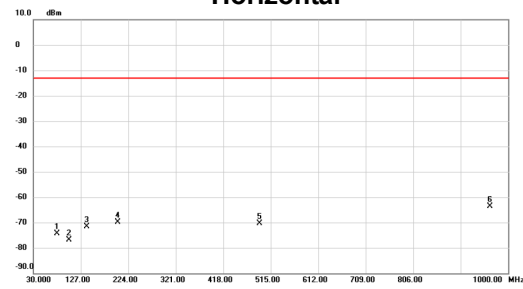
Test Mode : LTE Band 2_TX CH18900_20MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		50.8550	-68.05	-0.25	-68.30	-13.00	-55.30	peak	
2		65.4050	-66.50	-1.59	-68.09	-13.00	-55.09	peak	
3		78.0150	-65.17	-4.29	-69.46	-13.00	-56.46	peak	
4		137.6700	-65.84	-0.87	-66.71	-13.00	-53.71	peak	
5		199.7500	-66.53	-3.12	-69.65	-13.00	-56.65	peak	
6	*	788.5400	-76.04	10.73	-65.31	-13.00	-52.31	peak	

Horizontal

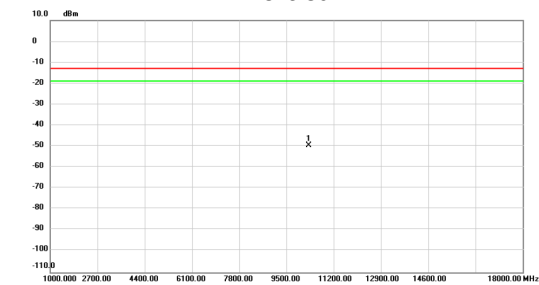


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1		78.5000	-70.00	-4.40	-74.40	-13.00	-61.40	peak	
2		103.2350	-72.59	-4.29	-76.88	-13.00	-63.88	peak	
3		139.6100	-70.81	-0.70	-71.51	-13.00	-58.51	peak	
4		202.6600	-66.71	-3.18	-69.89	-13.00	-56.89	peak	
5		492.6900	-75.32	5.04	-70.28	-13.00	-57.28	peak	
6	*	962.6550	-75.65	12.12	-63.53	-13.00	-50.53	peak	

APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1000MHZ)

Test Mode : PCS1900_TX CH661_GSM

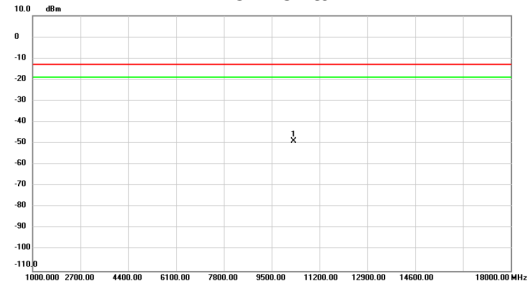
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	10307.50	-67.88	18.42	-49.46	-13.00	-36.46	peak	

Test Mode : PCS1900_TX CH661_GSM

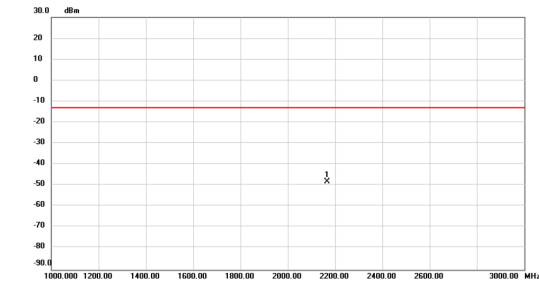
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	10273.50	-67.37	18.48	-48.89	-13.00	-35.89	peak	

Test Mode : WCDMA Band II_TX CH9400

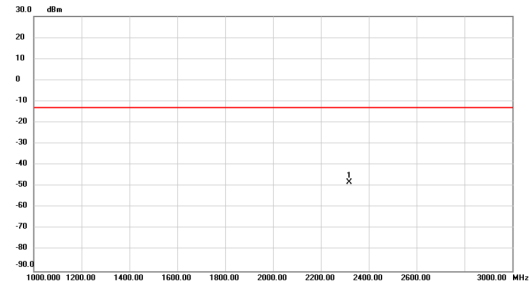
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2167.000	-64.80	16.50	-48.10	-13.00	-35.10	peak	

Test Mode : WCDMA Band II_TX CH9400

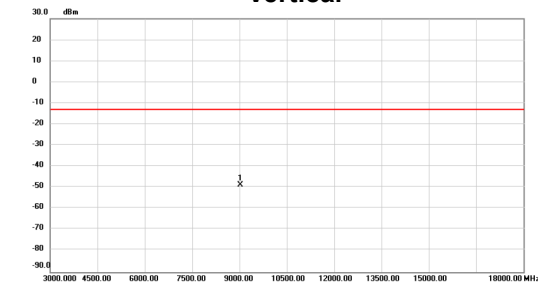
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2318.000	-64.84	16.73	-48.11	-13.00	-35.11	peak	

Test Mode : WCDMA Band II_TX CH9400

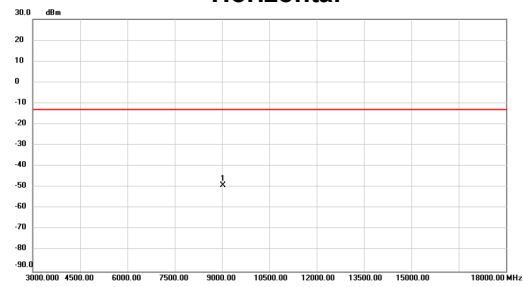
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
1	*	9037.500	-67.60	18.85	-48.75	-13.00	-35.75	peak	

Test Mode : WCDMA Band II_TX CH9400

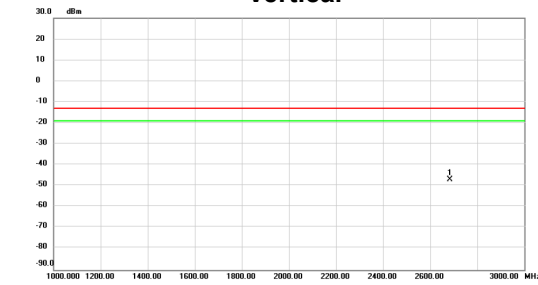
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
1	*	9037.500	-67.90	18.85	-49.05	-13.00	-36.05	peak	

Test Mode : LTE Band 2_TX CH18900_1.4MHz

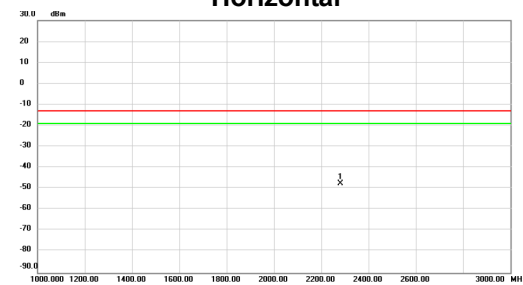
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
1	*	2685.000	-64.48	17.42	-47.06	-13.00	-34.06	peak	

Test Mode : LTE Band 2_TX CH18900_1.4MHz

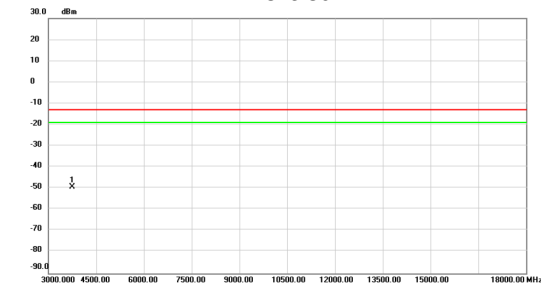
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
1	*	2282.000	-64.19	16.68	-47.51	-13.00	-34.51	peak	

Test Mode : LTE Band 2_TX CH18900_1.4MHz

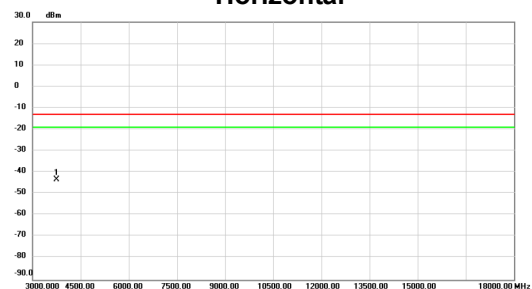
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure-ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	3757.500	-59.75	10.29	-49.46	-13.00	-36.46	peak	

Test Mode : LTE Band 2_TX CH18900_1.4MHz

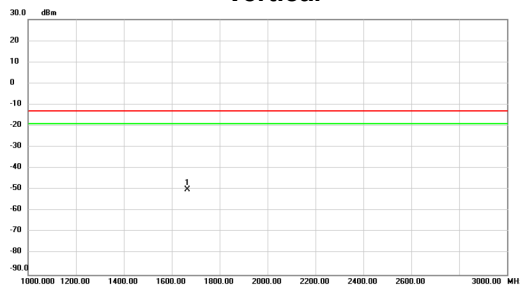
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure-ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	3757.500	-53.62	10.29	-43.33	-13.00	-30.33	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

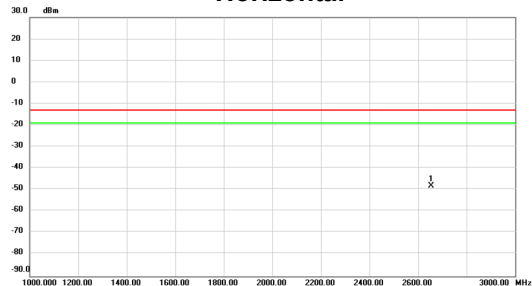
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure-ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	1665.000	-65.30	15.32	-49.98	-13.00	-36.98	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

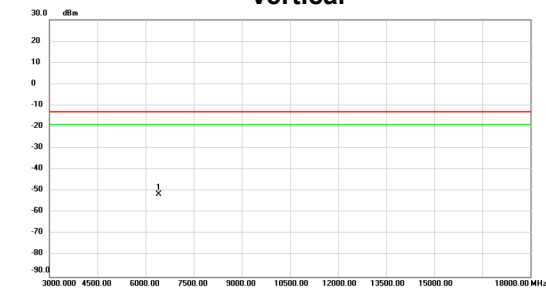
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure-ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2654.000	-65.37	17.35	-48.02	-13.00	-35.02	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

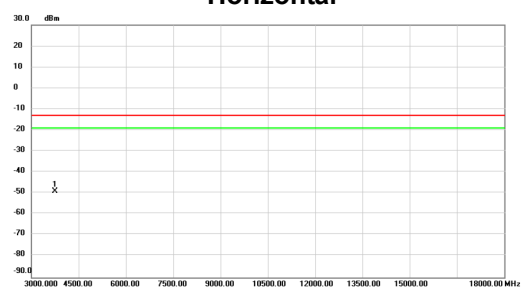
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure-ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	6412.500	-68.60	17.14	-51.46	-13.00	-38.46	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

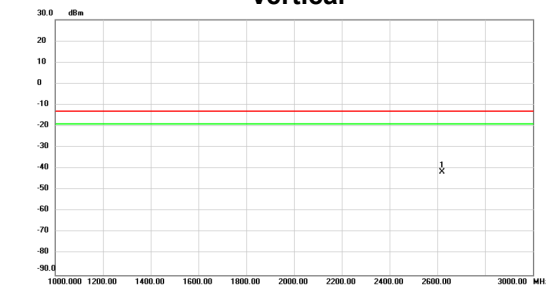
Horizontal



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure-ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	3757.500	-59.22	10.29	-48.93	-13.00	-35.93	peak	

Test Mode : LTE Band 2_TX CH18900_20MHz

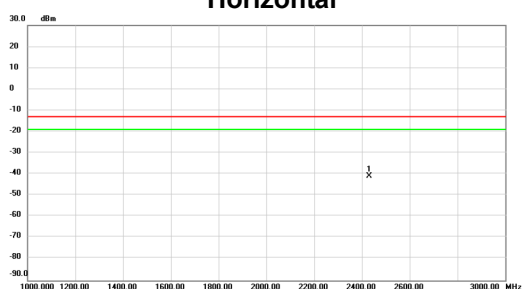
Vertical



No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure-ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2621.000	-58.79	17.28	-41.51	-13.00	-28.51	peak	

Test Mode : LTE Band 2_TX CH18900_20MHz

Horizontal

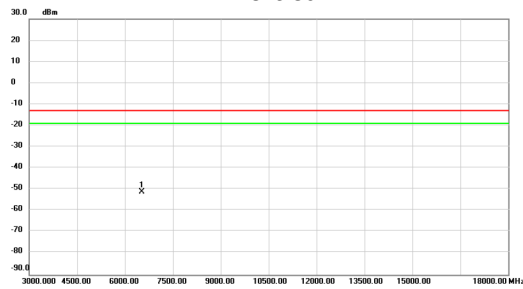


No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure-ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2430.000	-57.81	16.89	-40.92	-13.00	-27.92	peak	

Test Mode : LTE Band 2_TX CH18900_20MHz

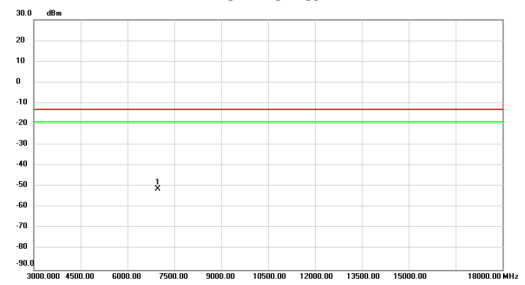
Test Mode : LTE Band 2_TX CH18900_20MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	6525.000	-68.64	17.48	-51.16	-13.00	-38.16	peak	

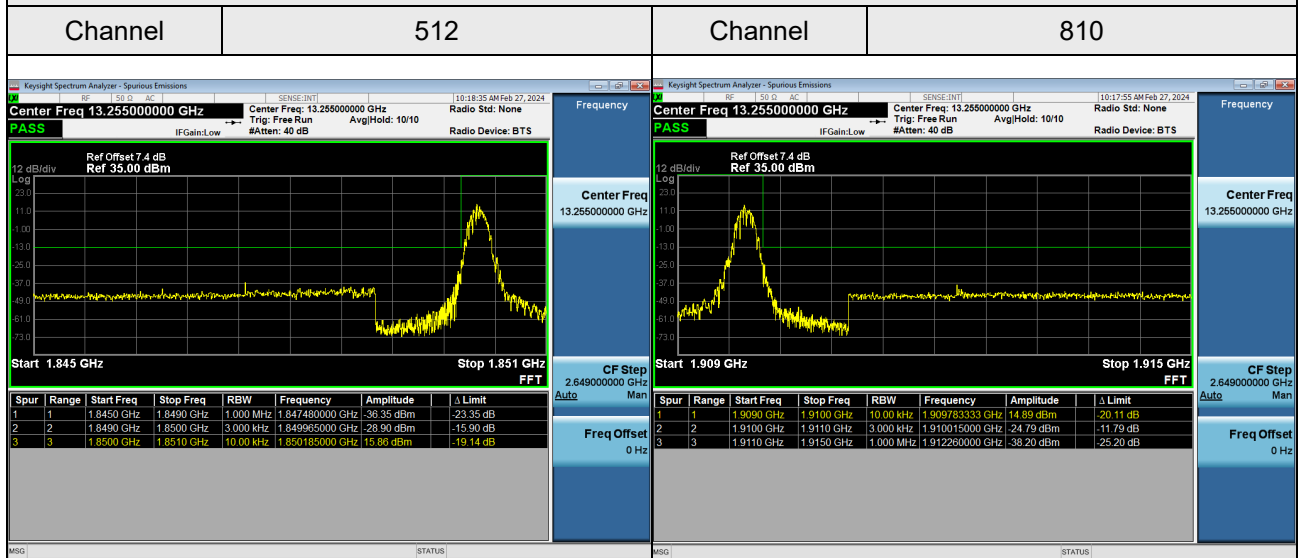
Horizontal



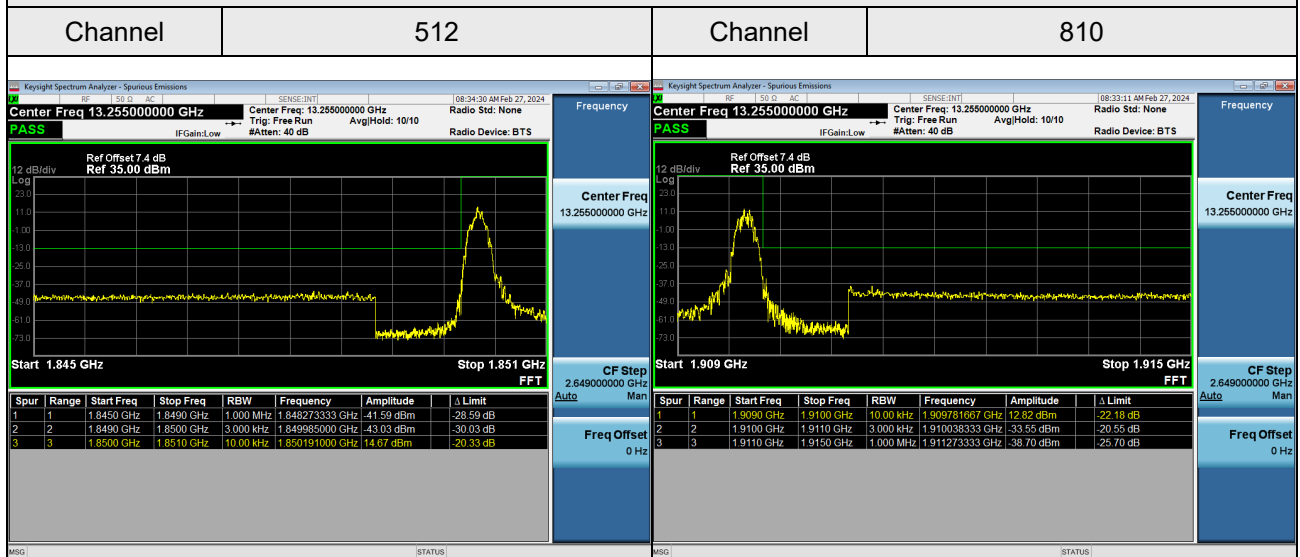
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	6975.000	-68.75	17.46	-51.29	-13.00	-38.29	peak	

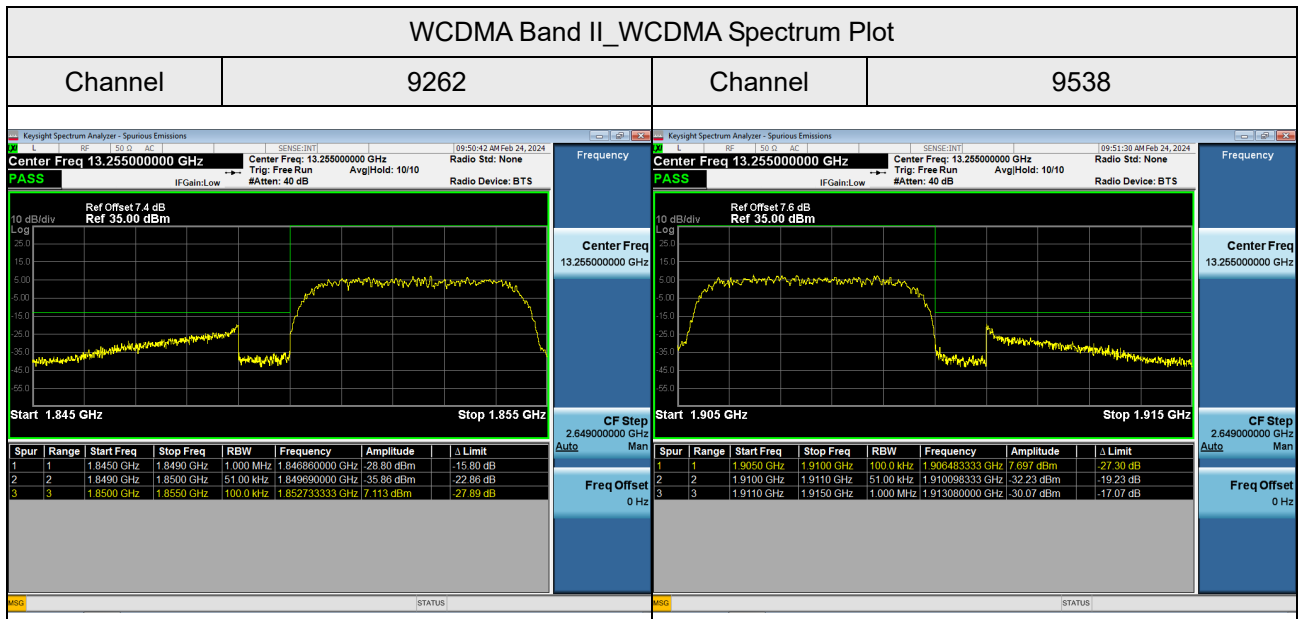
APPENDIX G - BAND EDGE

PCS1900_GSM Spectrum Plot



EDGE





LTE Band 2_1.4MHz Spectrum Plot

1RB#0

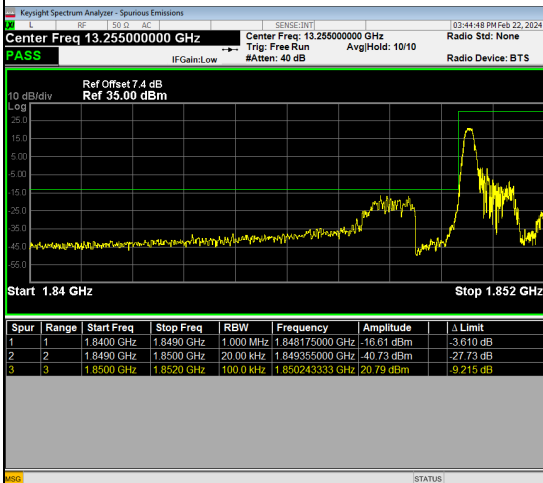
1RB#5

Channel

18607

Channel

19193



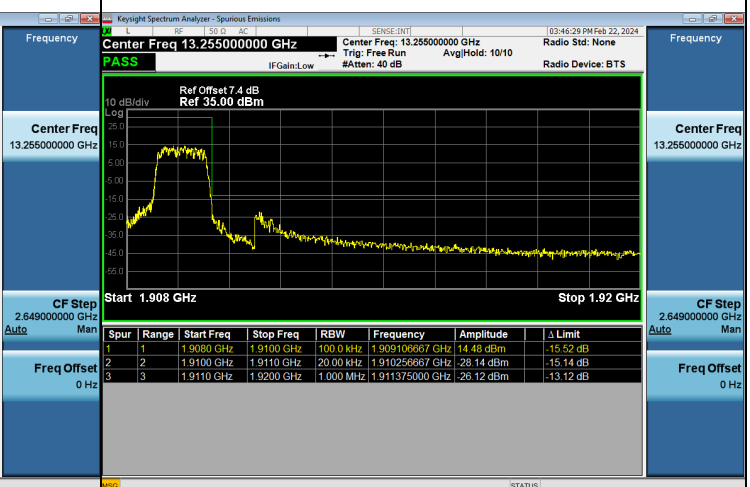
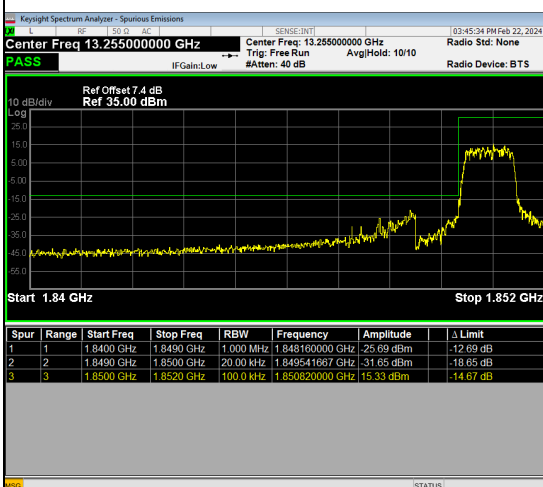
6RB#0

Channel

18607

Channel

19193



LTE Band 2_3MHz Spectrum Plot

1RB#0

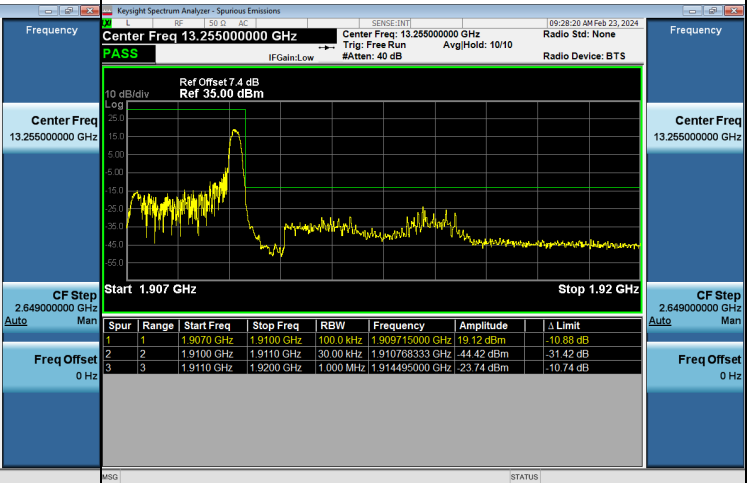
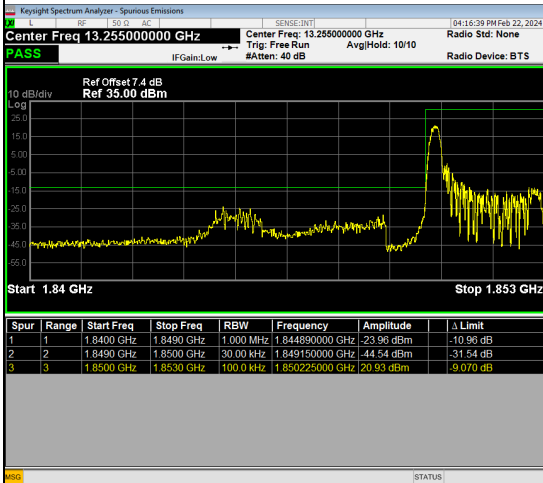
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Channel

18615

Channel

19185



15RB#0

Channel

18615

Channel

19185

