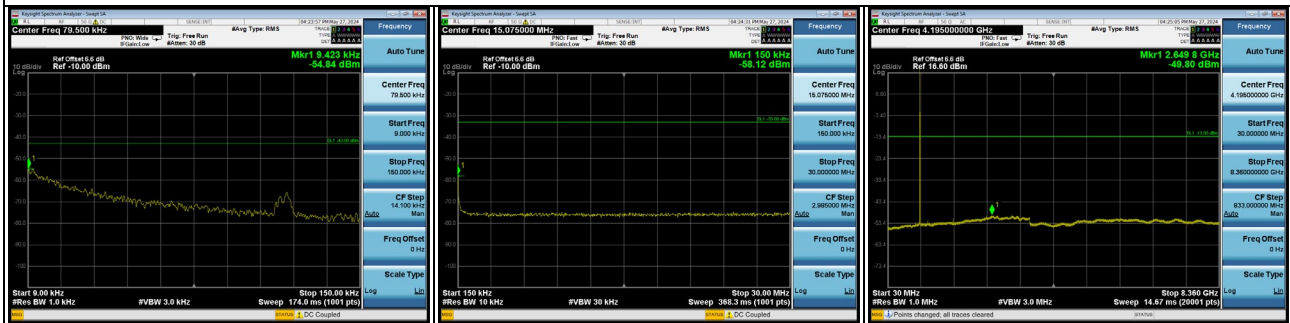
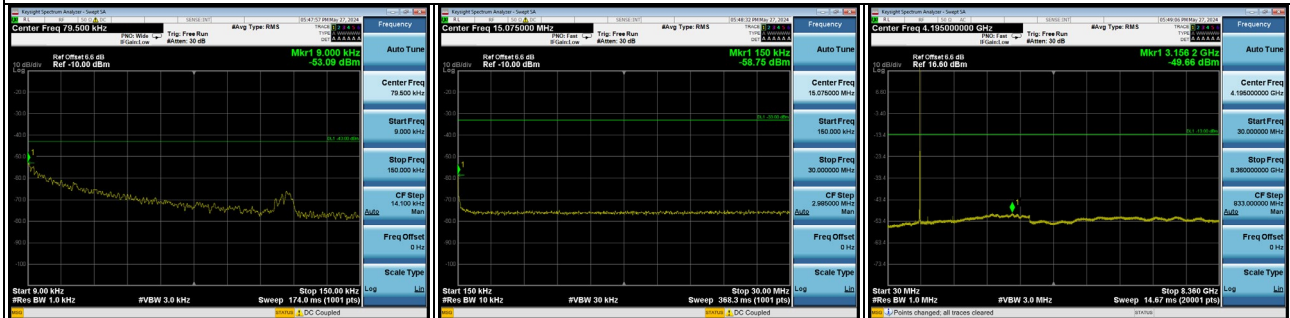


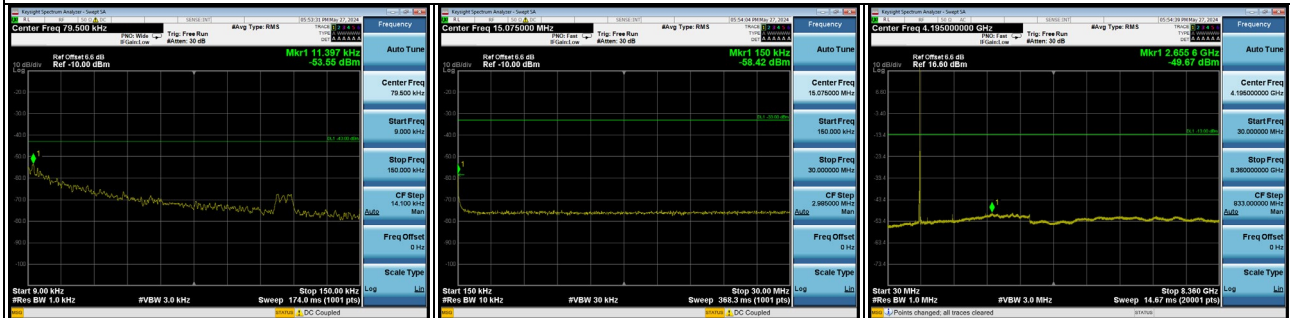
LTE Band 26_1.4MHz_CH26915 Spectrum Plot



LTE Band 26_5MHz_CH26915 Spectrum Plot



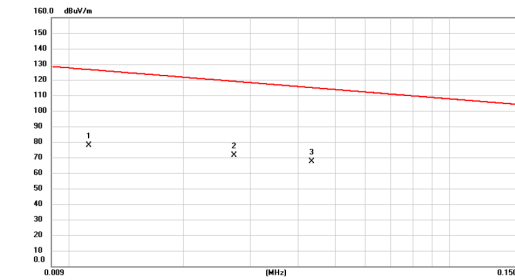
LTE Band 26_15MHz_CH26915 Spectrum Plot



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

Test Mode : TX Mode

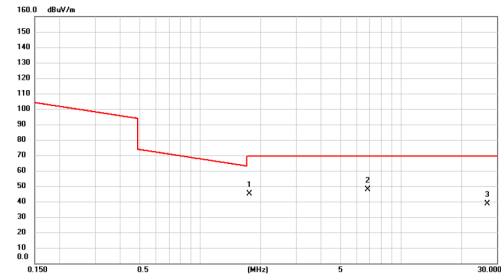
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0113	57.09	20.54	77.63	126.54	-48.91	AVG	
2		0.0272	50.48	21.02	71.50	118.91	-47.41	AVG	
3	*	0.0434	46.31	21.17	67.48	114.86	-47.38	AVG	

Test Mode : TX Mode

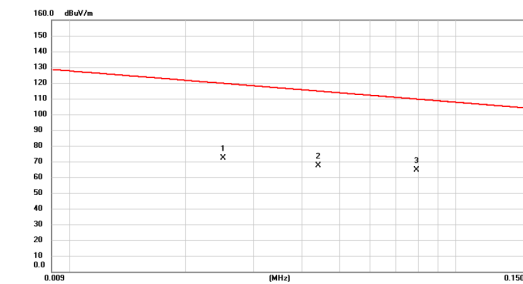
Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		1.7620	24.12	21.02	45.14	69.54	-24.40	QP	
2	*	6.8065	26.63	21.00	47.63	69.54	-21.91	QP	
3		28.8060	17.15	21.48	38.63	69.54	-30.91	QP	

Test Mode : TX Mode

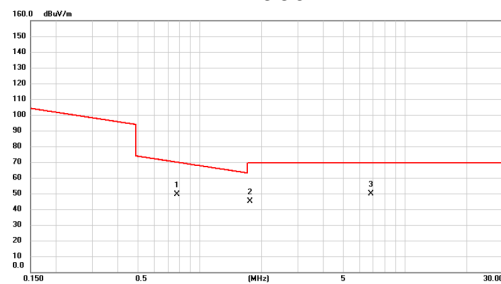
Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0250	51.21	20.95	72.16	119.65	-47.49	AVG	
2		0.0440	46.06	21.17	67.23	114.74	-47.51	AVG	
3	*	0.0791	43.11	21.30	64.41	109.64	-45.23	AVG	

Test Mode : TX Mode

Ant 90°

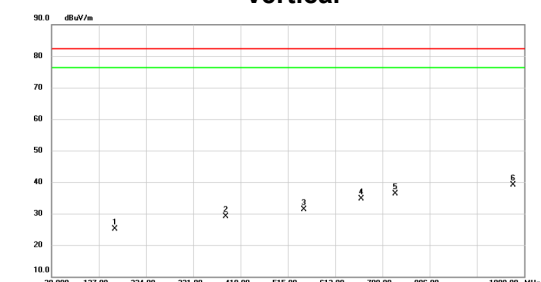


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.7768	28.23	21.09	49.32	69.80	-20.48	QP	
2		1.7620	24.11	21.02	45.13	69.54	-24.41	QP	
3	*	6.8065	26.63	21.00	47.63	69.54	-19.91	QP	

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

Test Mode : GSM850_TX CH190_GSM

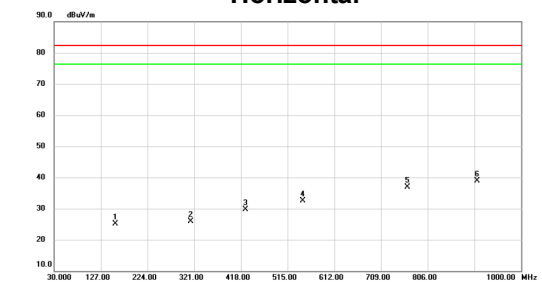
Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	160.465	36.01	-10.85	25.16	82.30	-57.14	peak	
2	387.930	37.37	-8.26	29.11	82.30	-53.19	peak	
3	547.495	36.26	-5.01	31.25	82.30	-51.05	peak	
4	665.350	37.42	-2.67	34.75	82.30	-47.55	peak	
5	735.190	37.77	-1.47	36.30	82.30	-46.00	peak	
6 *	976.720	38.50	0.64	39.14	82.30	-43.16	peak	

Test Mode : GSM850_TX CH190_GSM

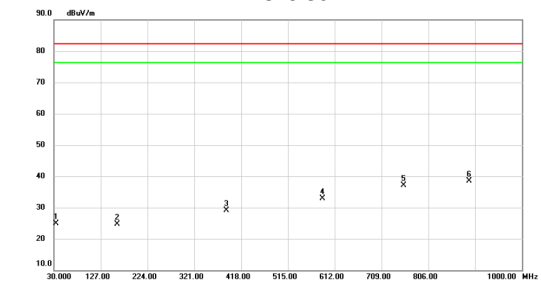
Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.555	36.07	-10.92	25.15	82.30	-57.15	peak	
2	313.725	35.99	-10.16	25.83	82.30	-56.47	peak	
3	428.185	36.92	-7.25	29.67	82.30	-52.63	peak	
4	546.040	37.52	-5.02	32.50	82.30	-49.80	peak	
5	764.290	38.12	-1.17	36.95	82.30	-45.35	peak	
6 *	909.305	38.73	0.25	38.98	82.30	-43.32	peak	

Test Mode : WCDMA Band V_TX CH4182

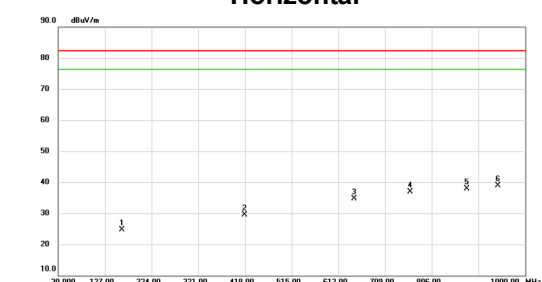
Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	34.365	37.19	-12.36	24.83	82.30	-57.47	peak	
2	160.950	35.53	-10.87	24.66	82.30	-57.64	peak	
3	386.960	37.50	-8.30	29.20	82.30	-53.10	peak	
4	586.780	36.78	-3.94	32.84	82.30	-49.46	peak	
5	754.590	38.22	-1.13	37.09	82.30	-45.21	peak	
6 *	890.875	38.47	0.08	38.55	82.30	-43.75	peak	

Test Mode : WCDMA Band V_TX CH4182

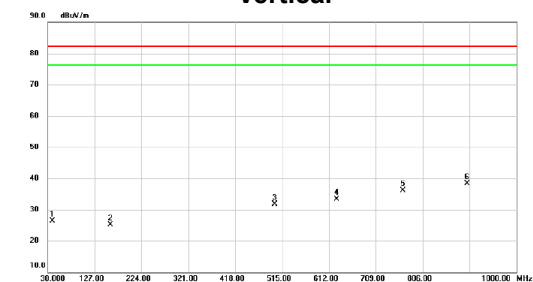
Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	162.405	35.55	-10.93	24.62	82.30	-57.68	peak	
2	417.515	36.97	-7.53	29.44	82.30	-52.86	peak	
3	644.495	37.60	-2.92	34.68	82.30	-47.62	peak	
4	761.865	37.98	-1.16	36.82	82.30	-45.48	peak	
5	879.235	37.94	-0.08	37.86	82.30	-44.44	peak	
6 *	944.225	38.44	0.39	38.83	82.30	-43.47	peak	

Test Mode : LTE Band 5_TX CH20525_1.4MHz

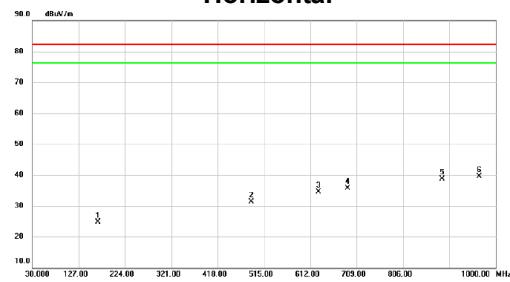
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		39.215	38.14	-11.88	26.26	82.30	-56.04	peak	
2		160.465	35.95	-10.85	25.10	82.30	-57.20	peak	
3		499.965	37.62	-5.93	31.69	82.30	-50.61	peak	
4		628.005	36.52	-3.16	33.36	82.30	-48.94	peak	
5		765.745	37.30	-1.18	36.12	82.30	-46.18	peak	
6 *		898.635	38.10	0.19	38.29	82.30	-44.01	peak	

Test Mode : LTE Band 5_TX CH20525_1.4MHz

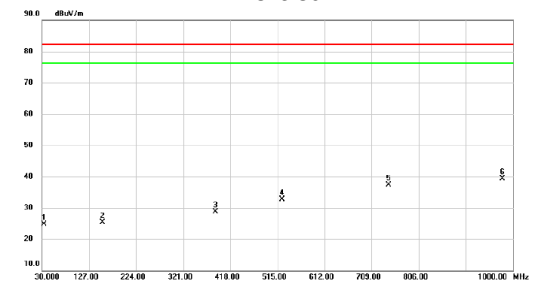
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		168.225	35.80	-11.17	24.63	82.30	-57.67	peak	
2		487.840	37.51	-6.12	31.39	82.30	-50.91	peak	
3		629.460	37.56	-3.15	34.41	82.30	-47.89	peak	
4		690.570	38.22	-2.42	35.80	82.30	-46.50	peak	
5		887.965	38.72	0.03	38.75	82.30	-43.55	peak	
6 *		965.565	38.90	0.55	39.45	82.30	-42.85	peak	

Test Mode : LTE Band 5_TX CH20525_5MHz

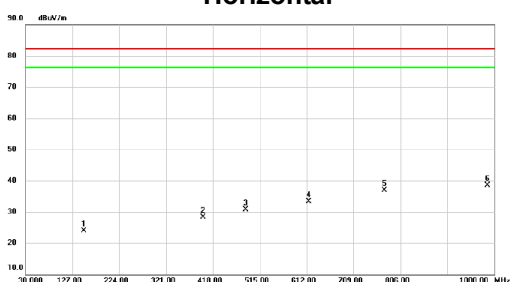
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		34.850	37.12	-12.33	24.79	82.30	-57.51	peak	
2		155.130	36.33	-10.99	25.34	82.30	-56.96	peak	
3		387.930	36.97	-8.26	28.71	82.30	-53.59	peak	
4		524.700	38.18	-5.45	32.73	82.30	-49.57	peak	
5		744.890	38.46	-1.23	37.23	82.30	-45.07	peak	
6 *		979.145	38.70	0.66	39.36	82.30	-42.94	peak	

Test Mode : LTE Band 5_TX CH20525_5MHz

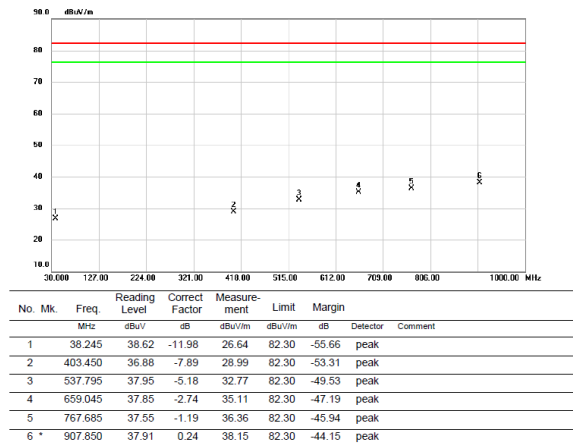
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		150.280	35.10	-11.15	23.95	82.30	-58.35	peak	
2		398.115	36.41	-8.01	28.40	82.30	-53.90	peak	
3		486.385	36.87	-6.14	30.73	82.30	-51.57	peak	
4		616.365	36.59	-3.34	33.25	82.30	-49.05	peak	
5		773.020	38.03	-1.21	36.82	82.30	-45.48	peak	
6 *		986.905	37.73	0.71	38.44	82.30	-43.86	peak	

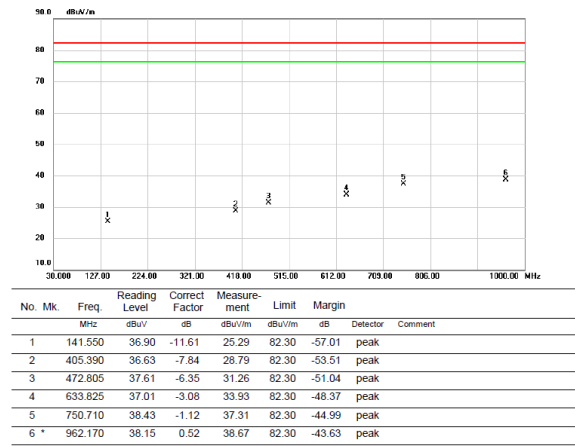
Test Mode : LTE Band 5_TX CH20525_10MHz

Vertical



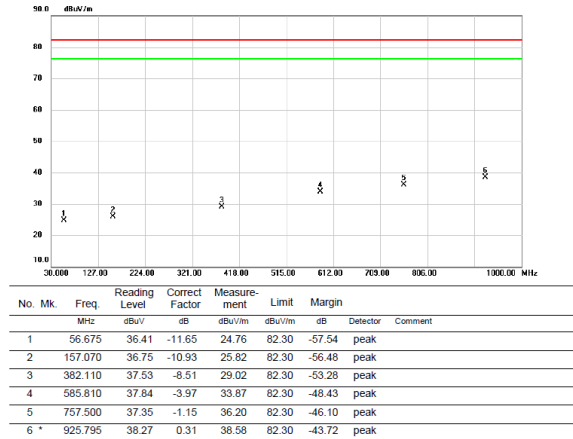
Test Mode : LTE Band 5_TX CH20525_10MHz

Horizontal



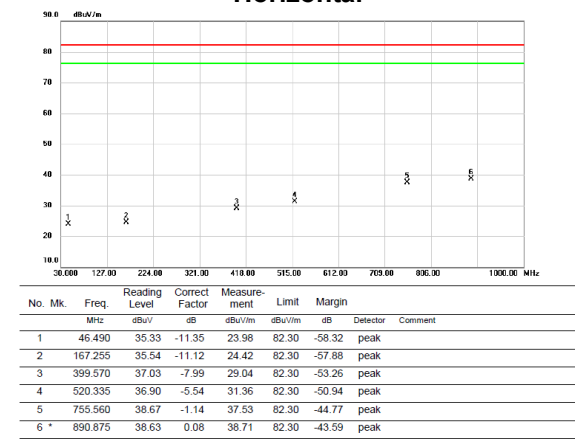
Test Mode : LTE Band 26_TX CH26915_1.4MHz

Vertical



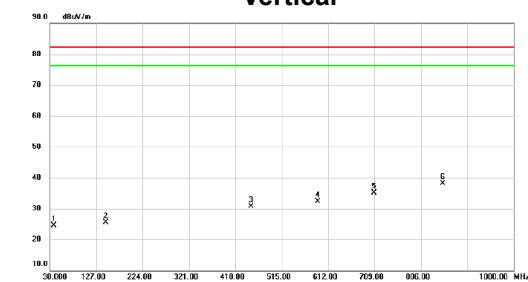
Test Mode : LTE Band 26_TX CH26915_1.4MHz

Horizontal



Test Mode : LTE Band 26_TX CH26915_5MHz

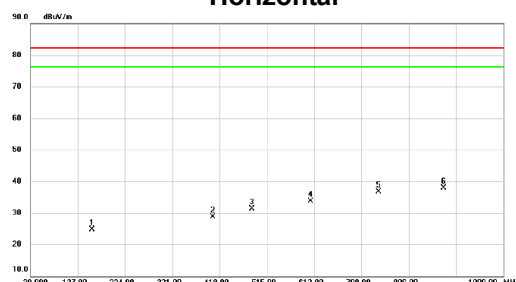
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBμV	dB	dBμV/m	dBμV/m	dB	Detector	Comment
1		37.760	36.49	-12.05	24.44	82.30	-57.86	peak	
2		146.885	36.92	-11.33	25.59	82.30	-56.71	peak	
3		450.980	37.35	-6.68	30.67	82.30	-51.63	peak	
4		590.660	36.13	-3.84	32.29	82.30	-50.01	peak	
5		708.515	37.20	-2.11	35.09	82.30	-47.21	peak	
6	*	852.075	38.60	-0.45	38.15	82.30	-44.15	peak	

Test Mode : LTE Band 26_TX CH26915_5MHz

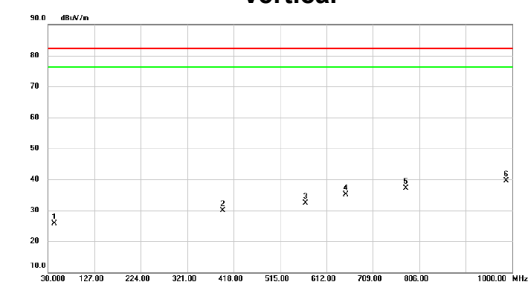
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBμV	dB	dBμV/m	dBμV/m	dB	Detector	Comment
1		156.100	35.74	-10.96	24.78	82.30	-57.52	peak	
2		404.420	36.62	-7.86	28.76	82.30	-53.54	peak	
3		484.930	37.45	-6.16	31.29	82.30	-51.01	peak	
4		604.240	37.18	-3.52	33.66	82.30	-48.64	peak	
5		743.920	38.00	-1.26	36.74	82.30	-45.56	peak	
6	*	878.265	38.10	-0.10	38.00	82.30	-44.30	peak	

Test Mode : LTE Band 26_TX CH26915_15MHz

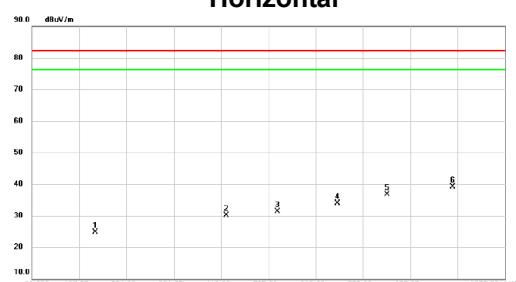
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBμV	dB	dBμV/m	dBμV/m	dB	Detector	Comment
1		43.095	37.25	-11.52	25.73	82.30	-56.57	peak	
2		395.690	37.98	-8.06	29.92	82.30	-52.38	peak	
3		568.350	36.81	-4.45	32.36	82.30	-49.94	peak	
4		652.740	37.90	-2.81	35.09	82.30	-47.21	peak	
5		778.355	38.38	-1.24	37.14	82.30	-45.16	peak	
6	*	987.390	38.79	0.72	39.51	82.30	-42.79	peak	

Test Mode : LTE Band 26_TX CH26915_15MHz

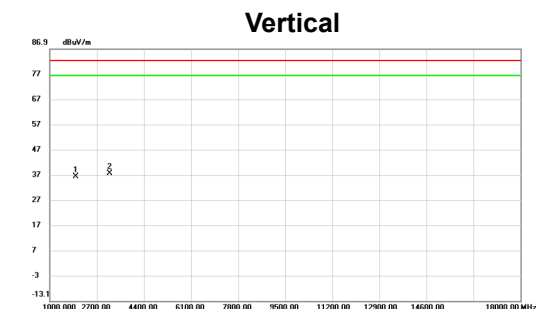
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBμV	dB	dBμV/m	dBμV/m	dB	Detector	Comment
1		160.465	35.49	-10.85	24.64	82.30	-57.66	peak	
2		428.670	37.29	-7.24	30.05	82.30	-52.25	peak	
3		533.915	36.58	-5.27	31.31	82.30	-50.99	peak	
4		656.620	36.67	-2.77	33.90	82.30	-48.40	peak	
5		758.470	37.81	-1.14	36.67	82.30	-45.63	peak	
6	*	893.785	38.95	0.12	39.07	82.30	-43.23	peak	

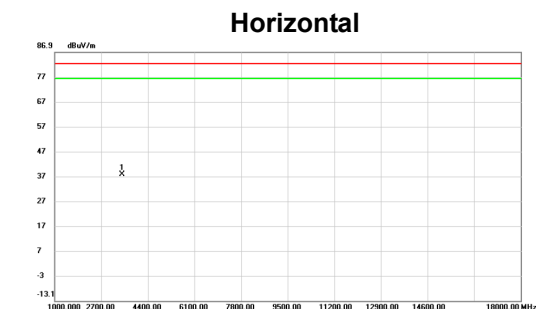
APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1000MHZ)

Test Mode : GSM850_TX CH190_GSM



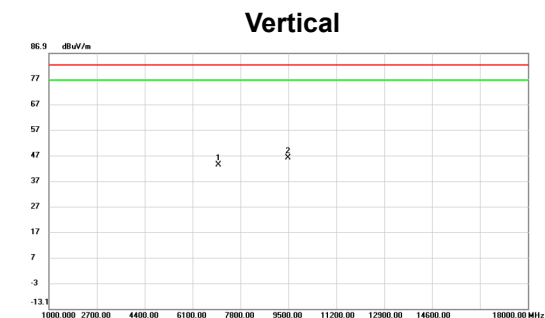
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	1943.500	40.65	-4.46	36.39	82.30	-45.91	peak	
2 *	3167.500	39.38	-1.85	37.53	82.30	-44.77	peak	

Test Mode : GSM850_TX CH190_GSM



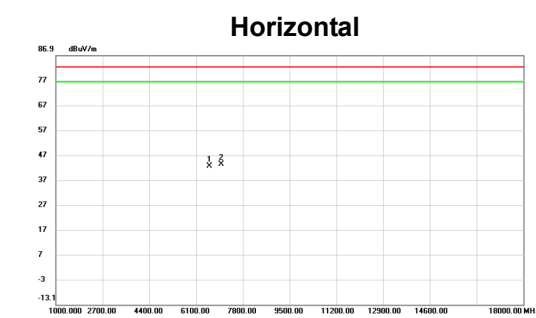
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	3465.000	39.11	-1.33	37.78	82.30	-44.52	peak	

Test Mode : WCDMA Band V_TX CH4182



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	7009.500	37.93	5.47	43.40	82.30	-38.90	peak	
2 *	9491.500	38.54	7.40	45.94	82.30	-36.36	peak	

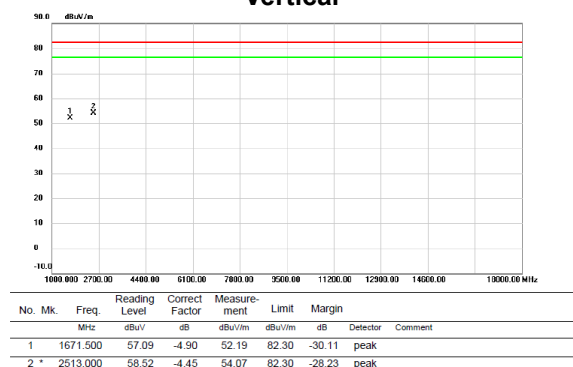
Test Mode : WCDMA Band V_TX CH4182



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	6584.500	37.45	5.05	42.50	82.30	-39.80	peak	
2 *	7018.000	37.68	5.48	43.16	82.30	-39.14	peak	

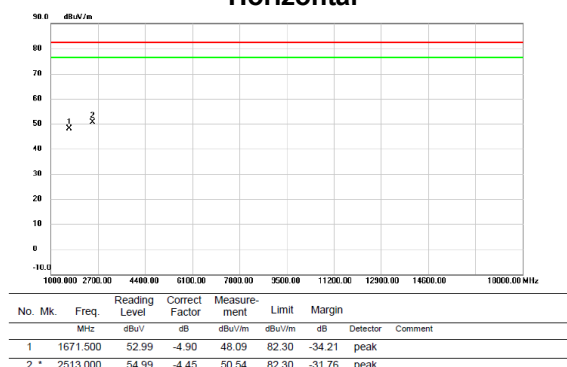
Test Mode : LTE Band 5_TX CH20525_1.4MHz

Vertical



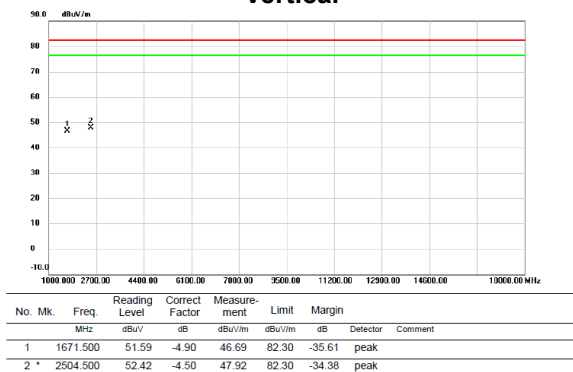
Test Mode : LTE Band 5_TX CH20525_1.4MHz

Horizontal



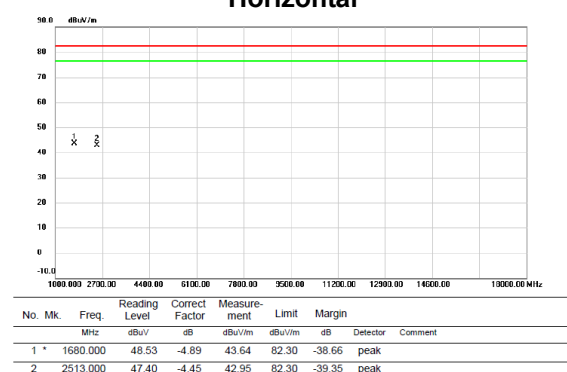
Test Mode : LTE Band 5_TX CH20525_5MHz

Vertical



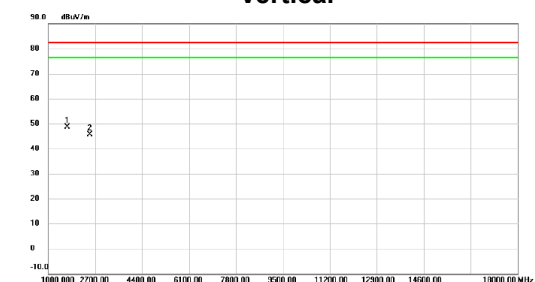
Test Mode : LTE Band 5_TX CH20525_5MHz

Horizontal



Test Mode : LTE Band 5_TX CH20525_10MHz

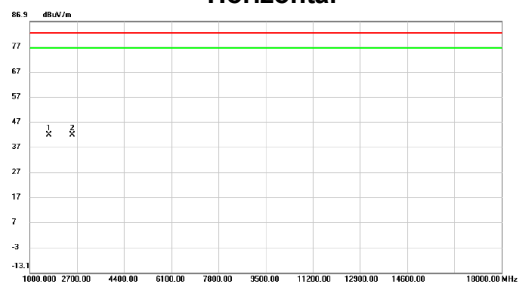
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	1680.000	53.44	-4.89	48.55	82.30	-33.75	peak	
2	*	2513.000	50.07	-4.45	45.62	82.30	-36.68	peak	

Test Mode : LTE Band 5_TX CH20525_10MHz

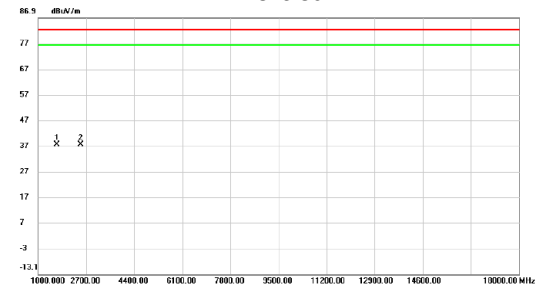
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	1680.000	46.55	-4.89	41.66	82.30	-40.64	peak	
2	*	2521.500	46.21	-4.42	41.79	82.30	-40.51	peak	

Test Mode : LTE Band 26_TX CH26915_1.4MHz

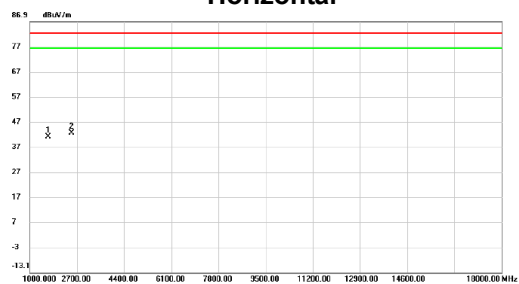
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	1663.000	42.44	-4.93	37.51	82.30	-44.79	peak	
2	*	2496.000	42.04	-4.52	37.52	82.30	-44.78	peak	

Test Mode : LTE Band 26_TX CH26915_1.4MHz

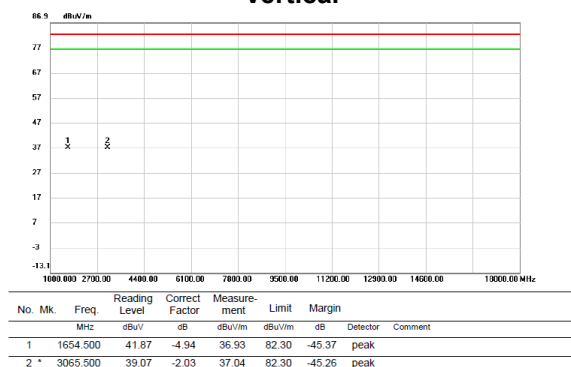
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	1663.000	45.97	-4.93	41.04	82.30	-41.26	peak	
2	*	2496.000	46.93	-4.52	42.41	82.30	-39.89	peak	

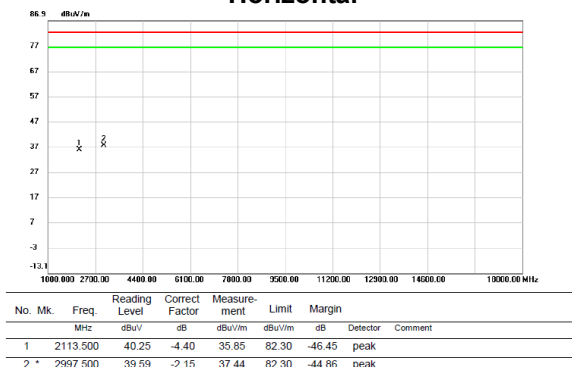
Test Mode : LTE Band 26_TX CH26915_5MHz

Vertical



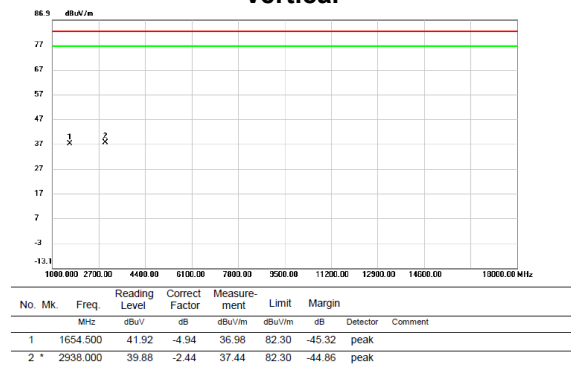
Test Mode : LTE Band 26_TX CH26915_5MHz

Horizontal



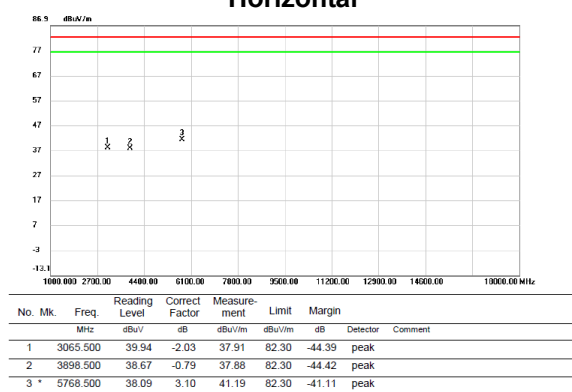
Test Mode : LTE Band 26_TX CH26915_15MHz

Vertical



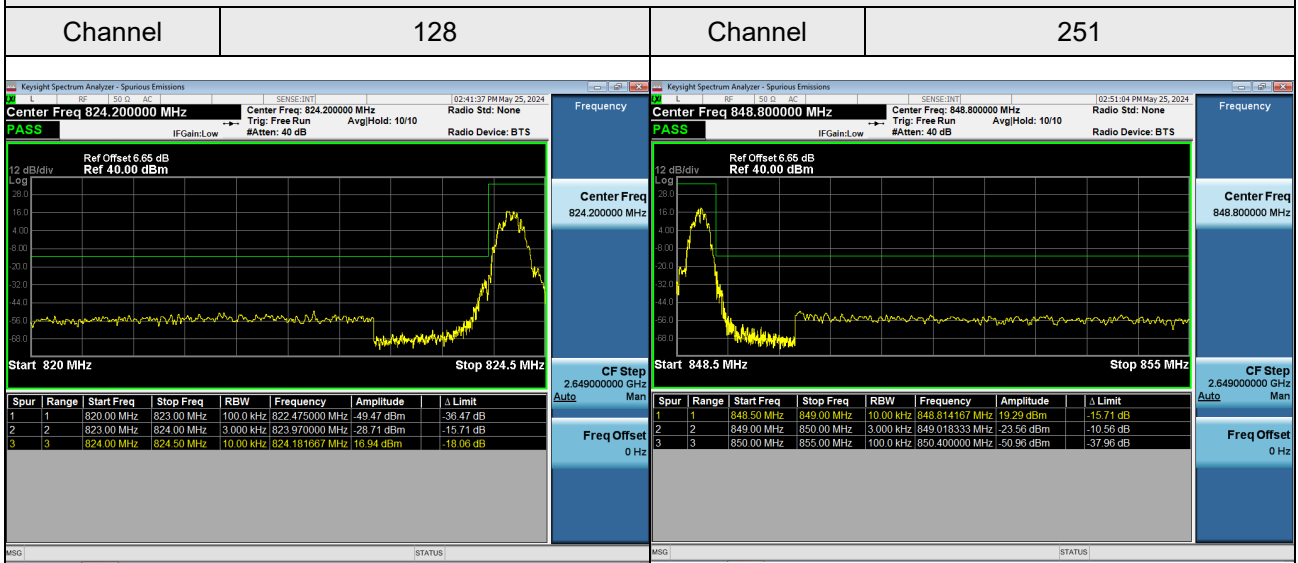
Test Mode : LTE Band 26_TX CH26915_15MHz

Horizontal

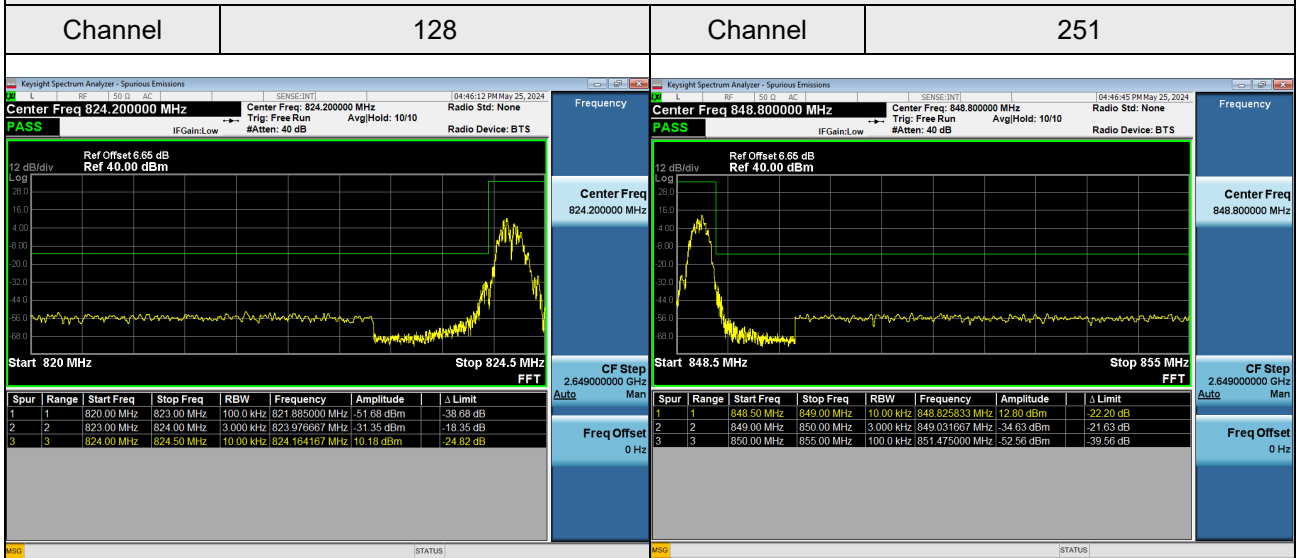


APPENDIX G - BAND EDGE

GSM850_GSM Spectrum Plot



GSM850_EDGE Spectrum Plot



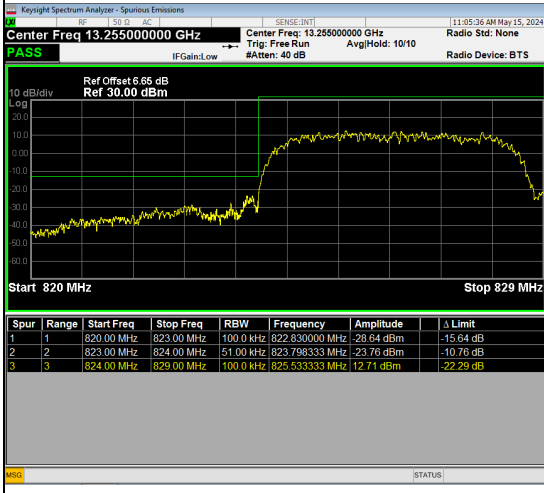
WCDMA Band V_WCDMA Spectrum Plot

Channel

4132

Channel

4233



LTE Band 5_1.4MHz Spectrum Plot

1RB#0

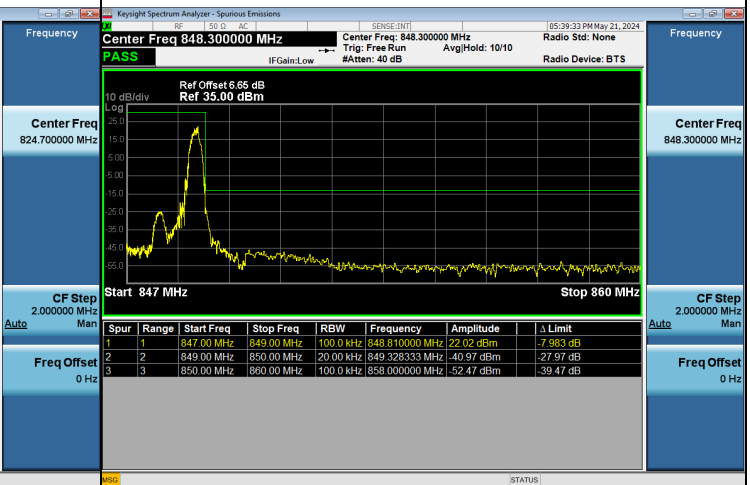
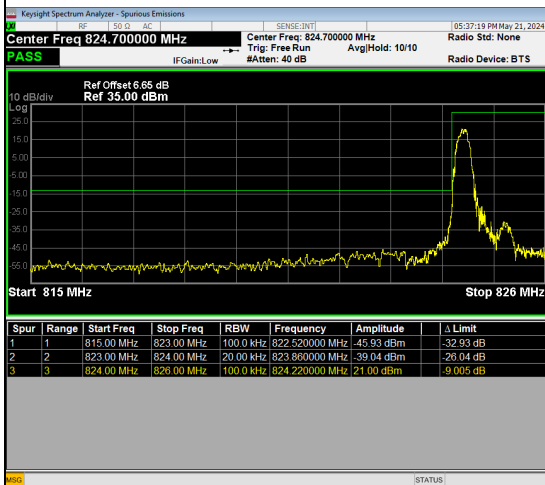
1RB#5

Channel

20407

Channel

20643



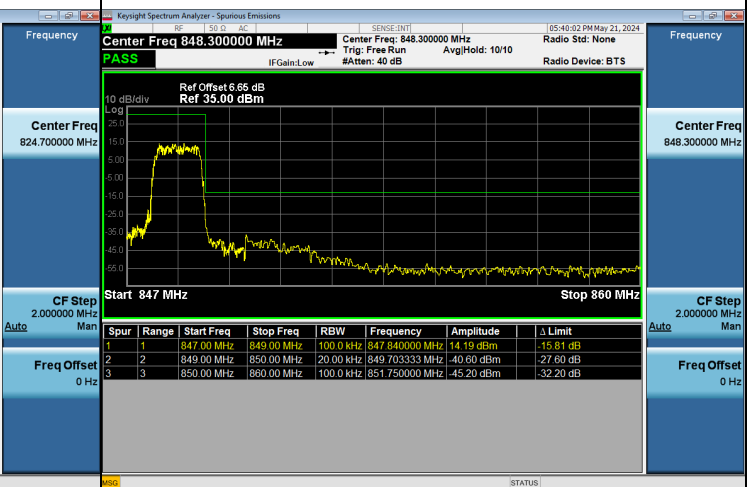
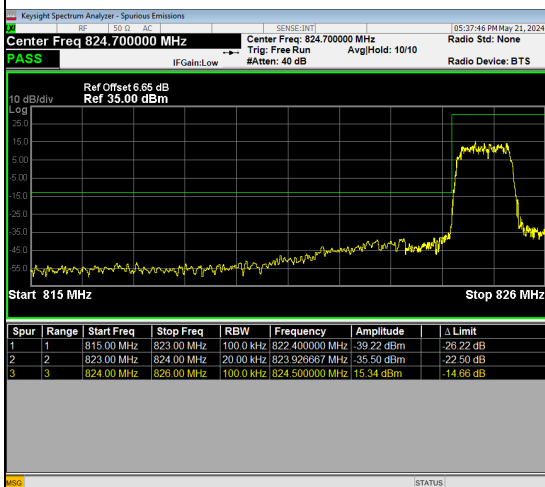
6RB#0

Channel

20407

Channel

0643



LTE Band 5_3MHz Spectrum Plot

1RB#0

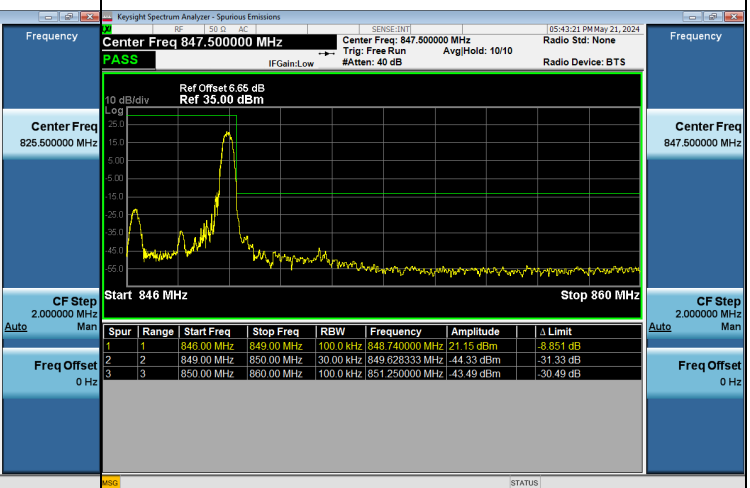
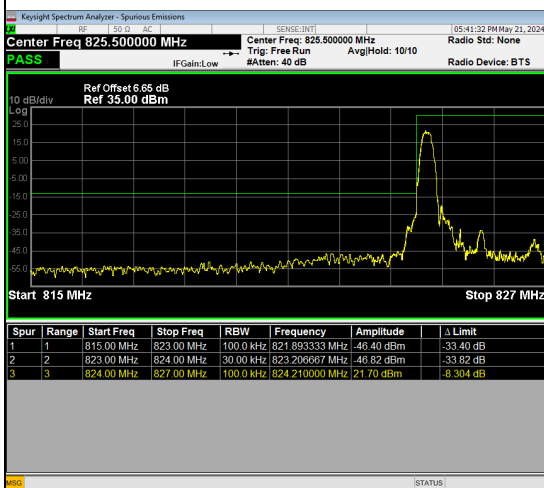
1RB#14

Channel

20415

Channel

20635



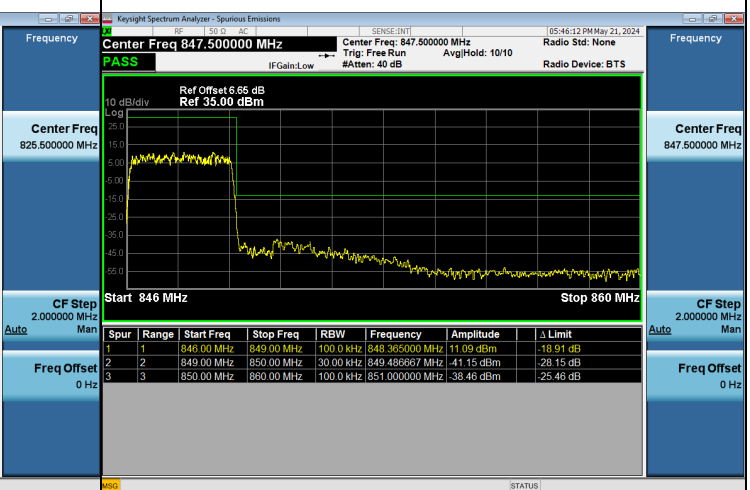
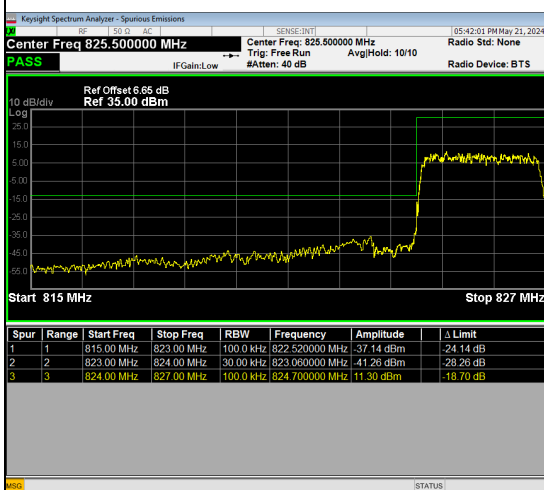
15RB#0

Channel

20415

Channel

20635



LTE Band 5_5MHz Spectrum Plot

1RB#0

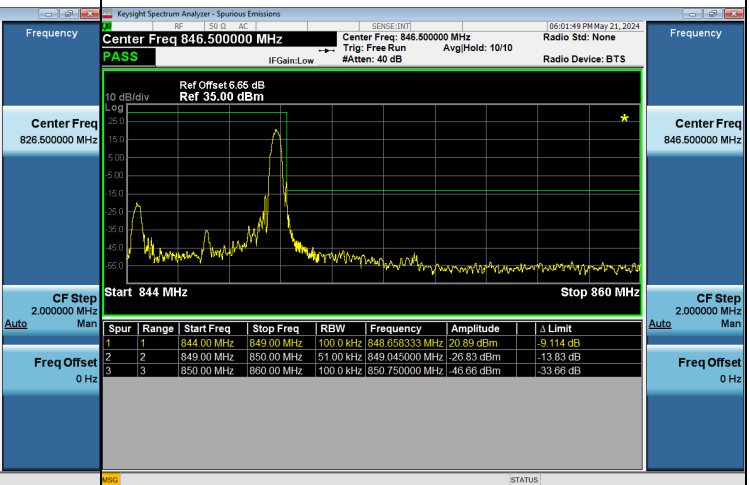
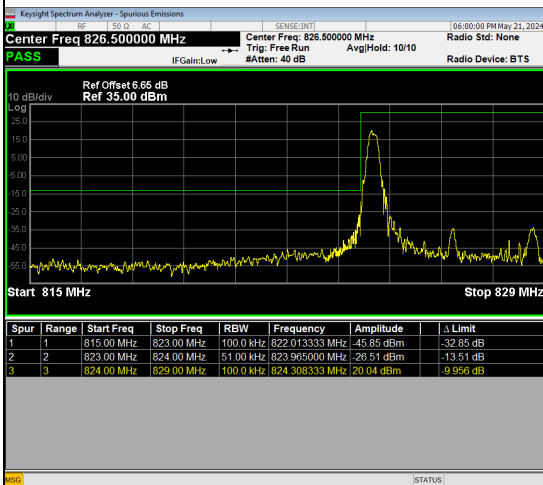
1RB#24

Channel

20425

Channel

20625



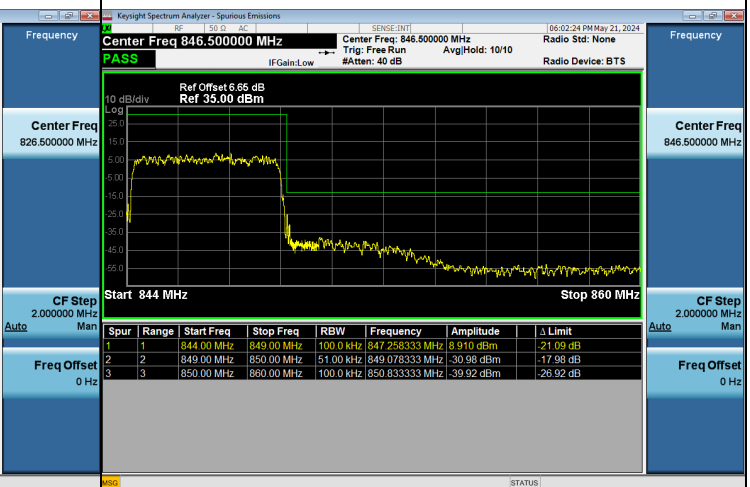
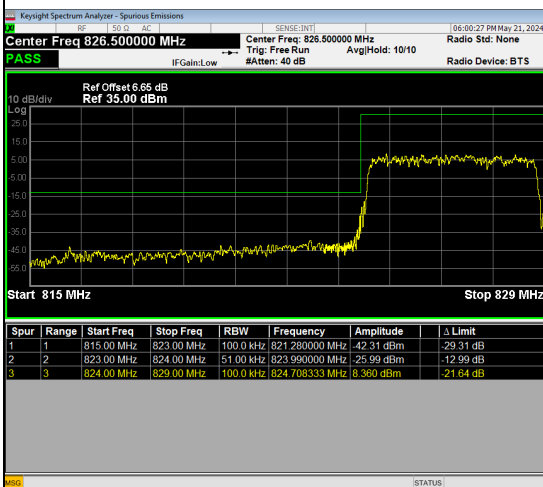
25RB#0

Channel

20425

Channel

20625



LTE Band 5_10MHz Spectrum Plot

1RB#0

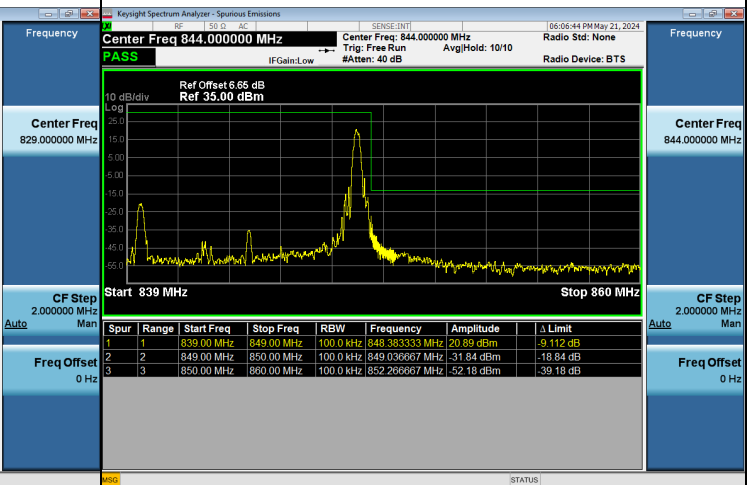
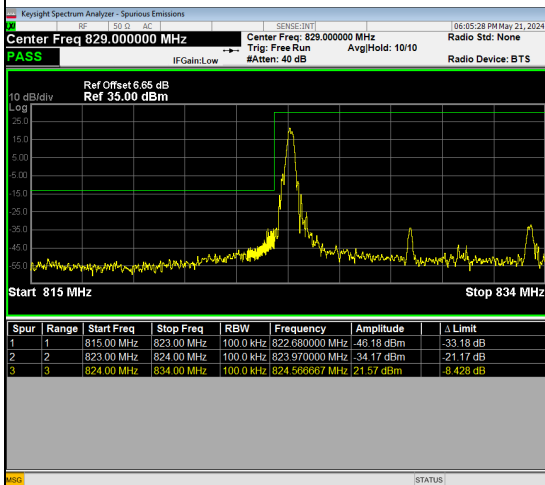
1RB#49

Channel

20450

Channel

20600



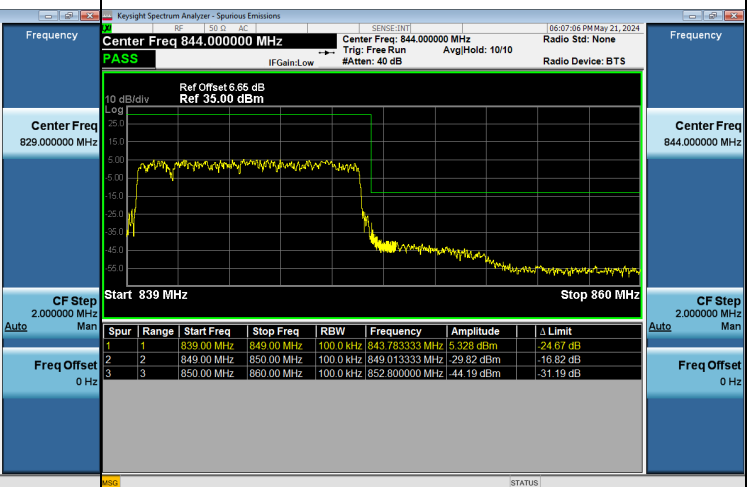
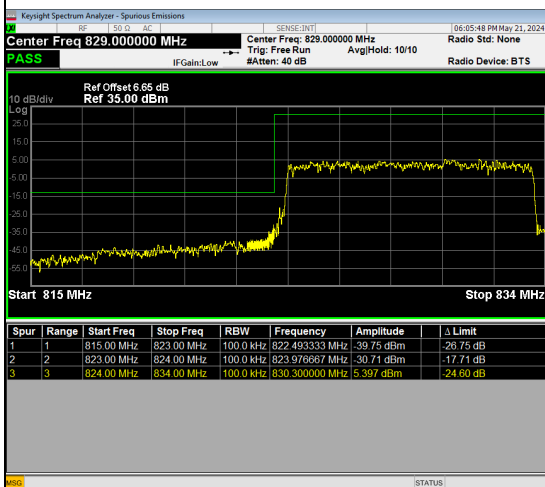
50RB#0

Channel

20450

Channel

20600



LTE Band 26_1.4MHz Spectrum Plot

1RB#0

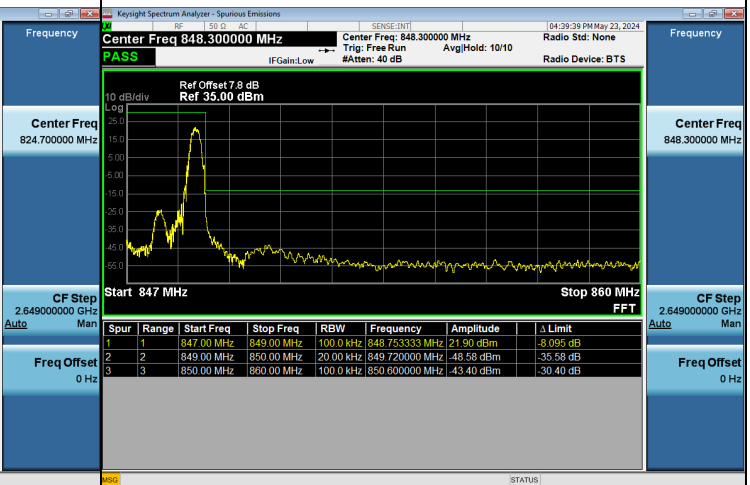
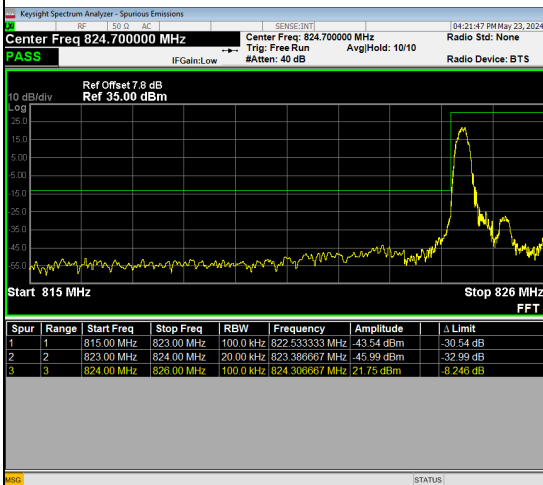
1RB#5

Channel

26797

Channel

27033



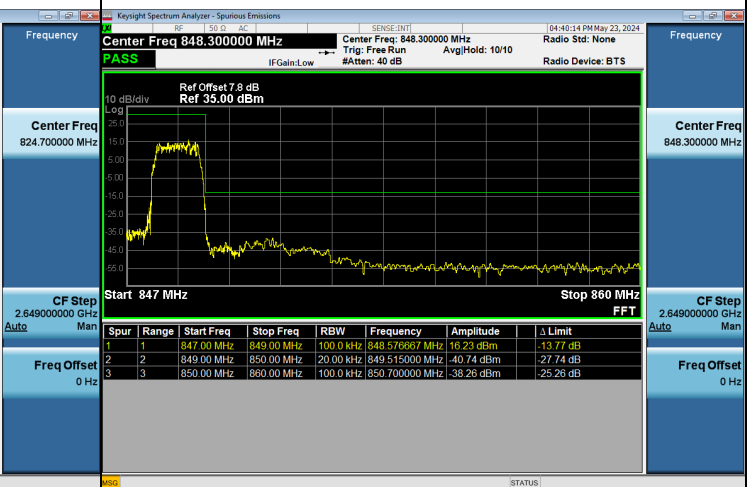
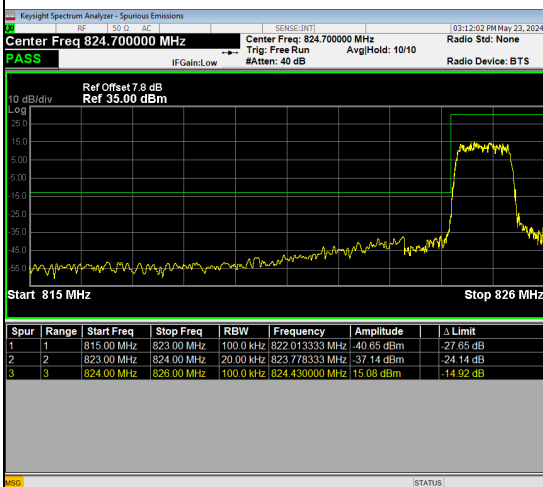
6RB#0

Channel

26797

Channel

27033



LTE Band 26_3MHz Spectrum Plot

1RB#0

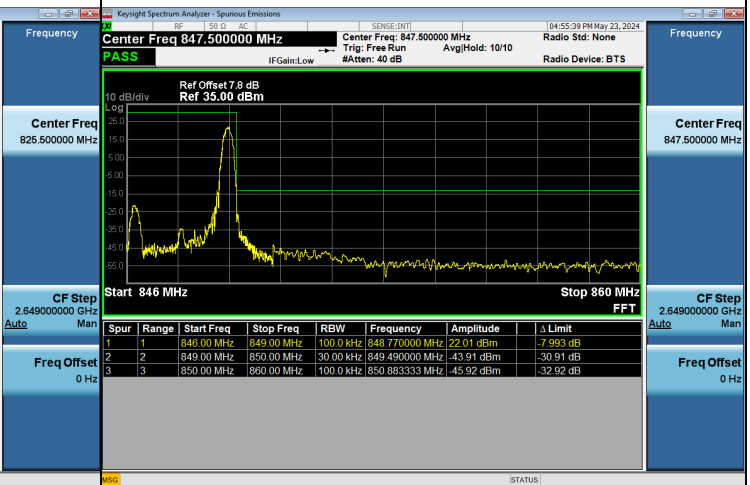
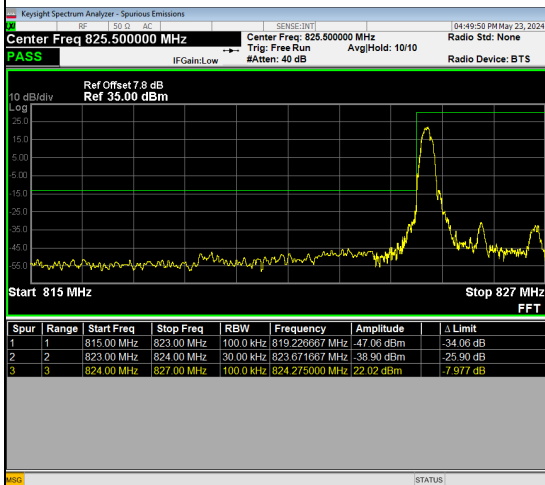
1RB#14

Channel

26805

Channel

27025



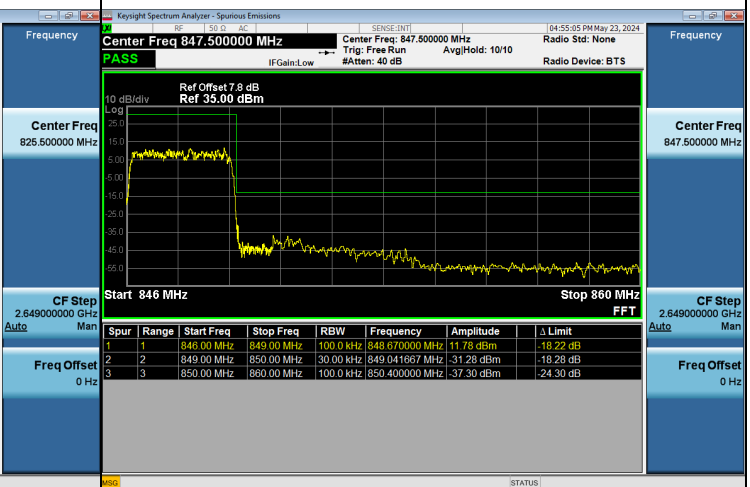
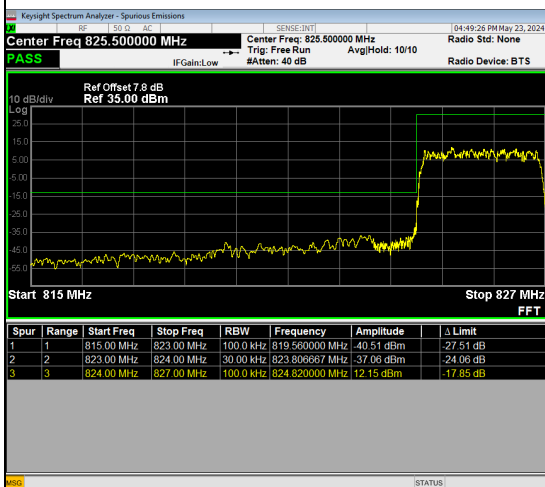
15RB#0

Channel

26805

Channel

27025



LTE Band 26_5MHz Spectrum Plot

1RB#0

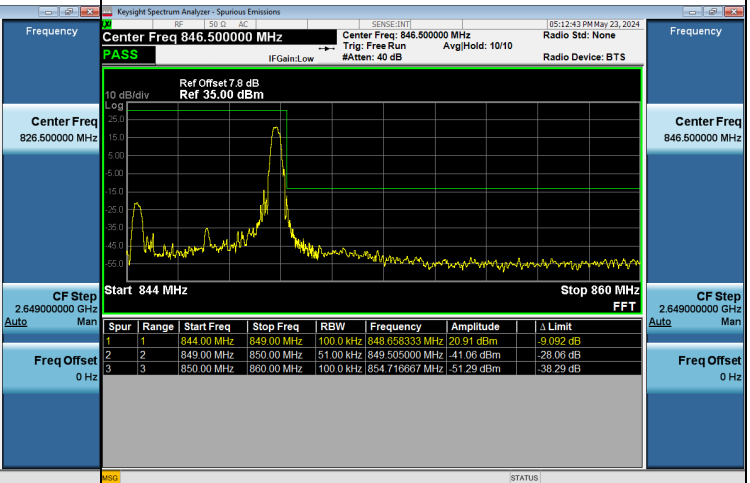
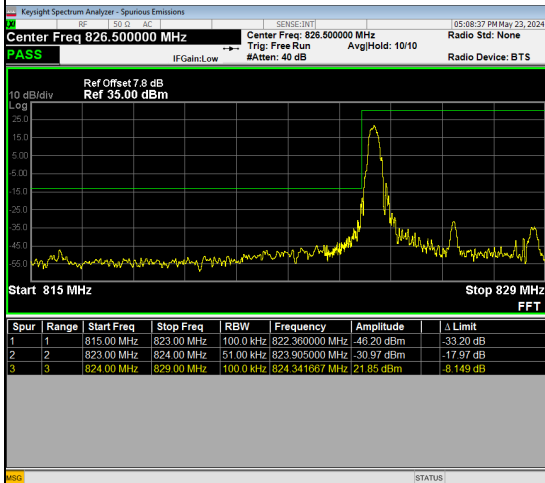
1RB#24

Channel

26815

Channel

27015



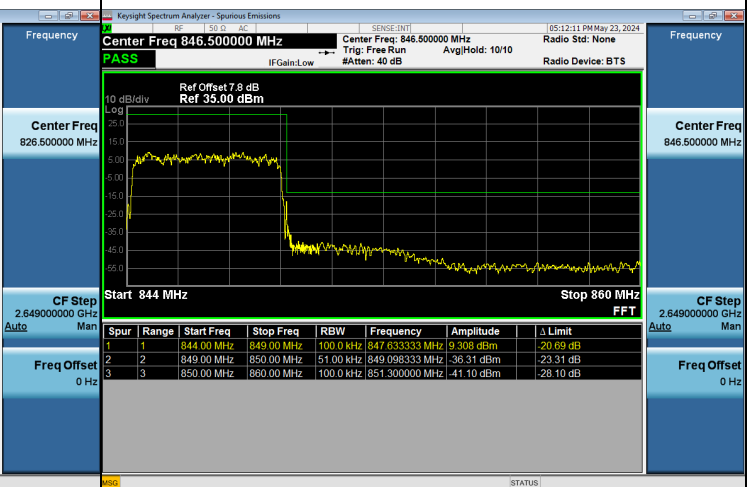
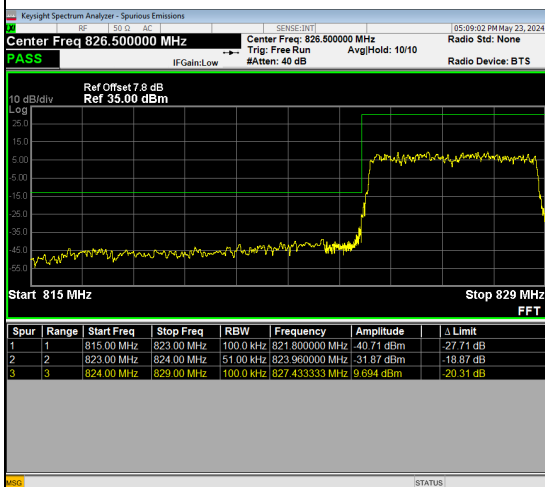
25RB#0

Channel

26815

Channel

27015



LTE Band 26_10MHz Spectrum Plot

1RB#0

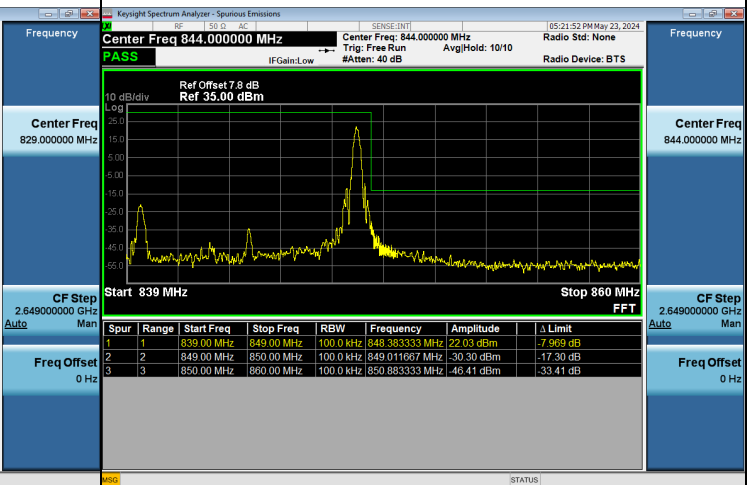
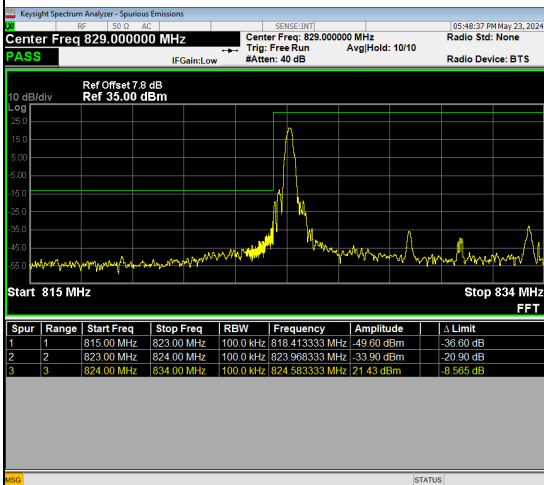
1RB#49

Channel

26840

Channel

26690



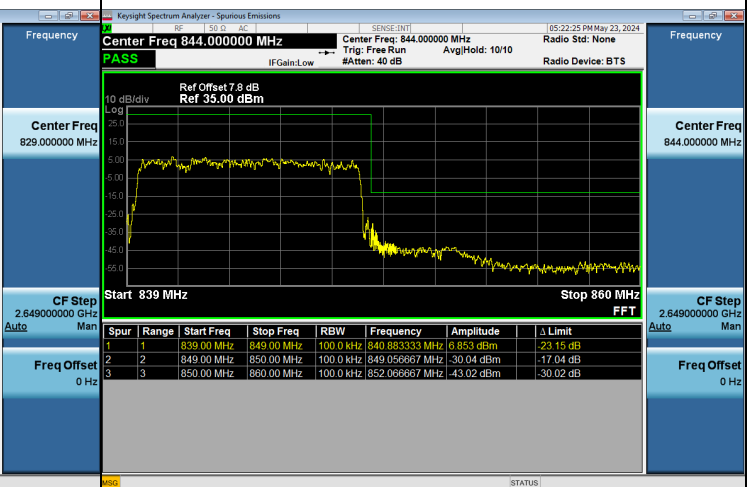
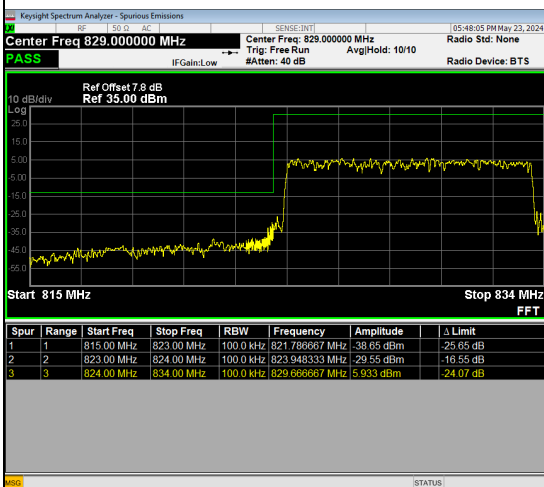
50RB#0

Channel

26840

Channel

26690



LTE Band 26_15MHz Spectrum Plot

1RB#0

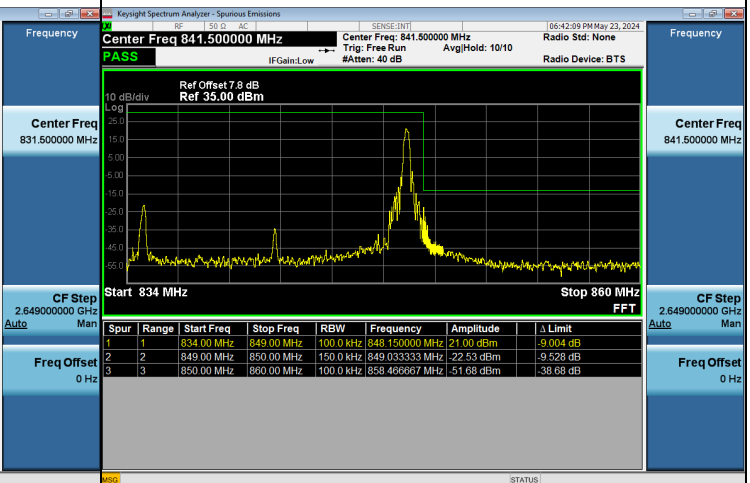
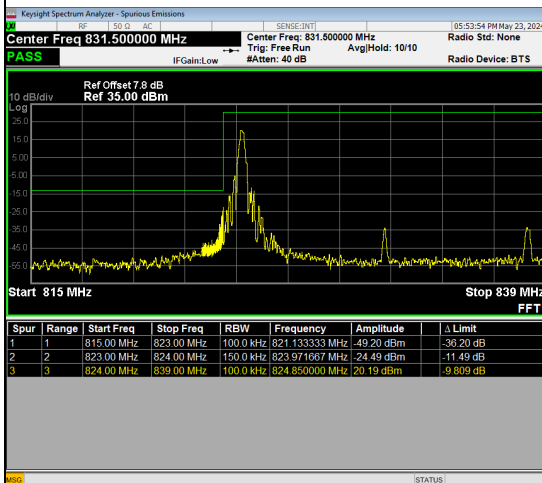
1RB#74

Channel

26865

Channel

26965



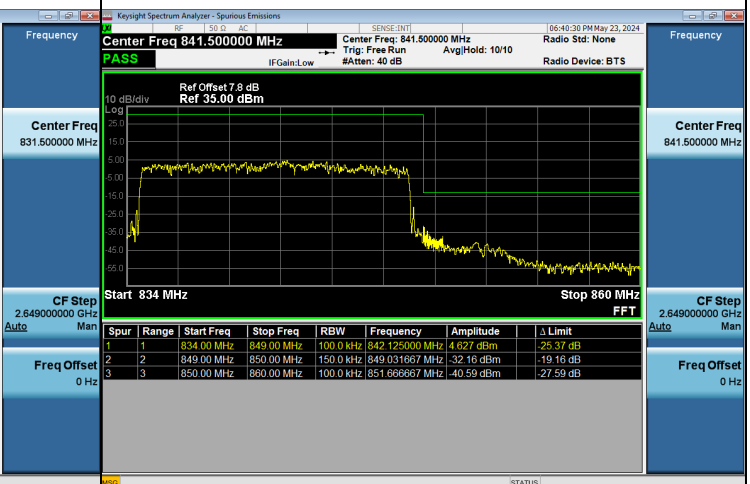
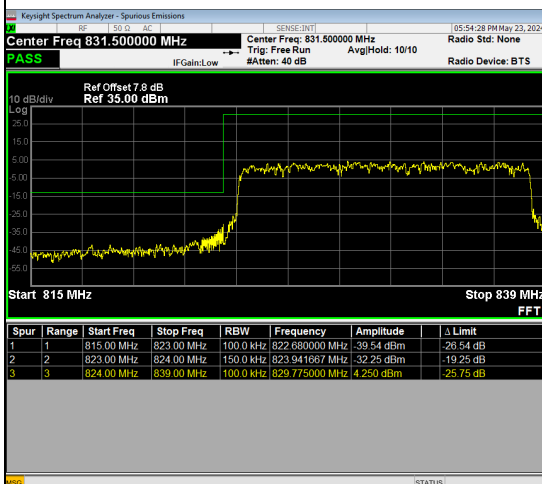
75RB#0

Channel

26865

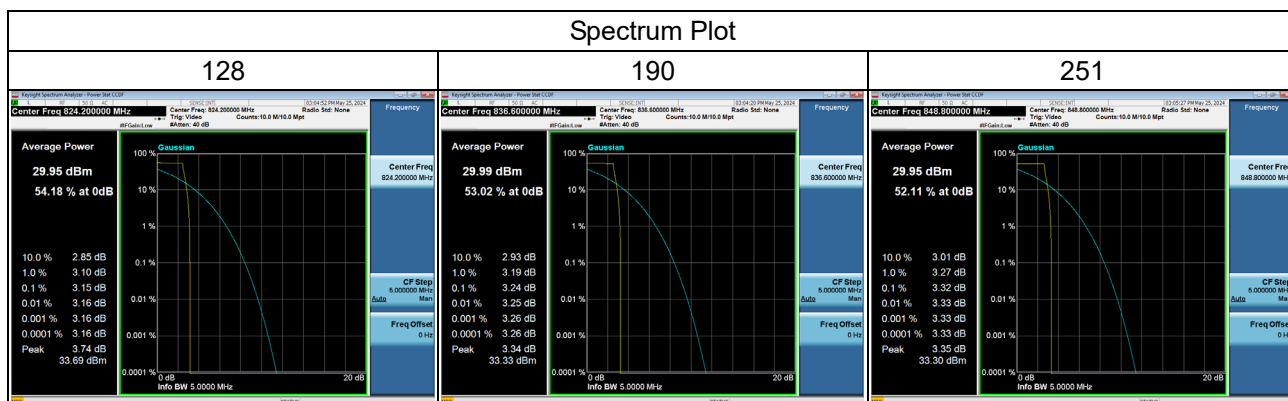
Channel

26965

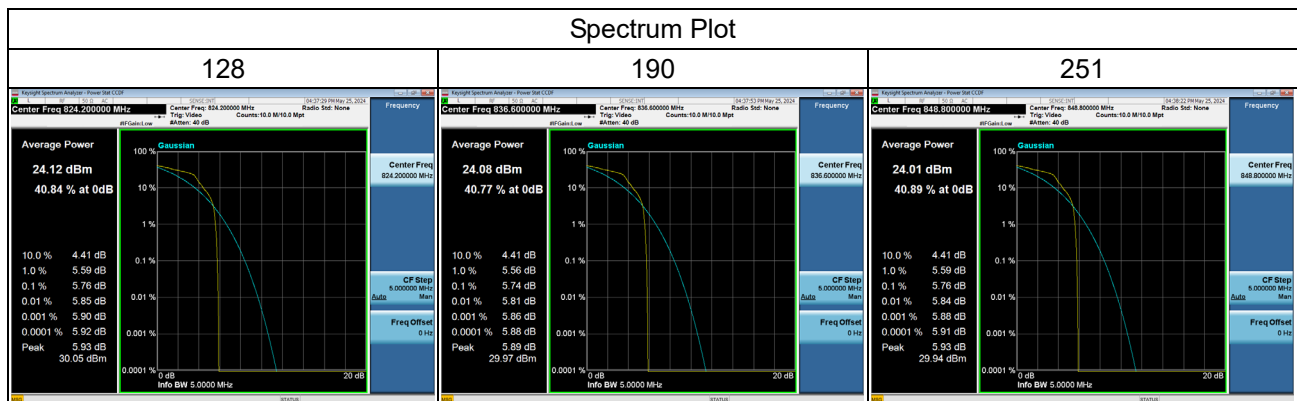


APPENDIX H - PEAK TO AVERAGE RATIO

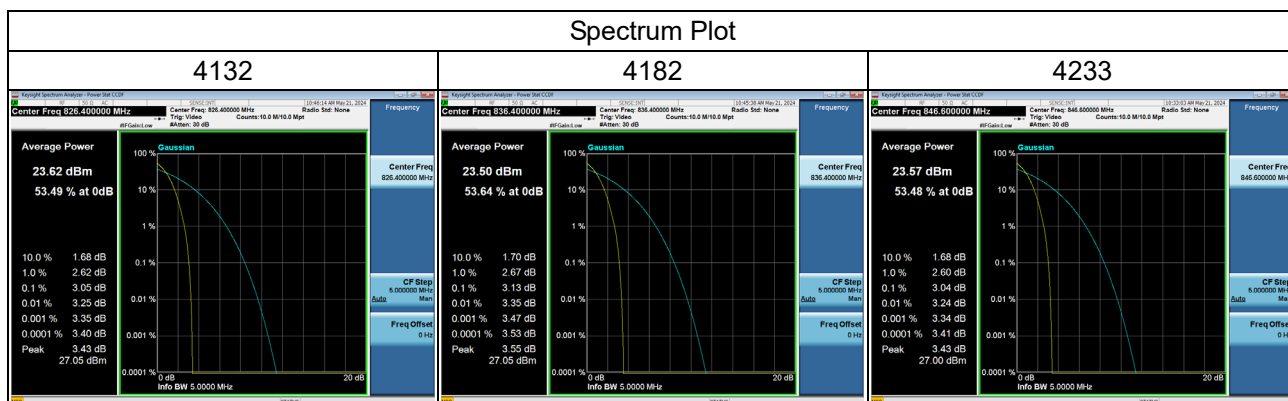
GSM 850_GSM				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)	Max. Limit (dB)	Result
		QPSK		
128	824.2	3.15	13	Pass
190	836.6	3.24	13	Pass
251	848.8	3.32	13	Pass



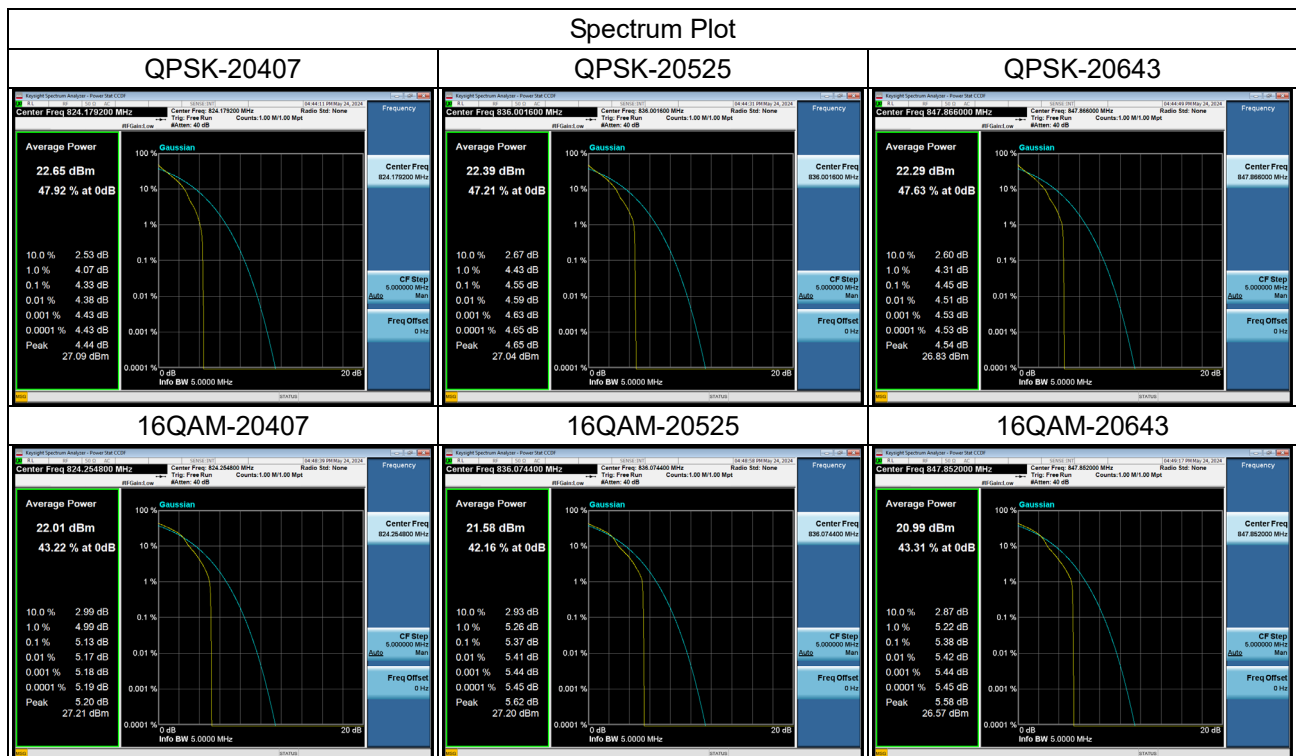
GSM 850_EDGE				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)	Max. Limit (dB)	Result
		QPSK		
128	824.2	5.76	13	Pass
190	836.6	5.74	13	Pass
251	848.8	5.76	13	Pass



WCDMA Band V_WCDMA				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)	Max. Limit (dB)	Result
		QPSK		
4132	826.4	3.05	13	Pass
4182	836.4	3.13	13	Pass
4233	846.6	3.04	13	Pass



LTE Band 5_1.4MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
20407	824.7	4.33	5.13	13	Pass
20525	836.5	4.55	5.37	13	Pass
20643	848.3	4.45	5.38	13	Pass



LTE Band 5_3MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
20415	825.5	4.36	5.18	13	Pass
20525	836.5	4.58	5.42	13	Pass
20635	847.5	4.48	5.31	13	Pass

