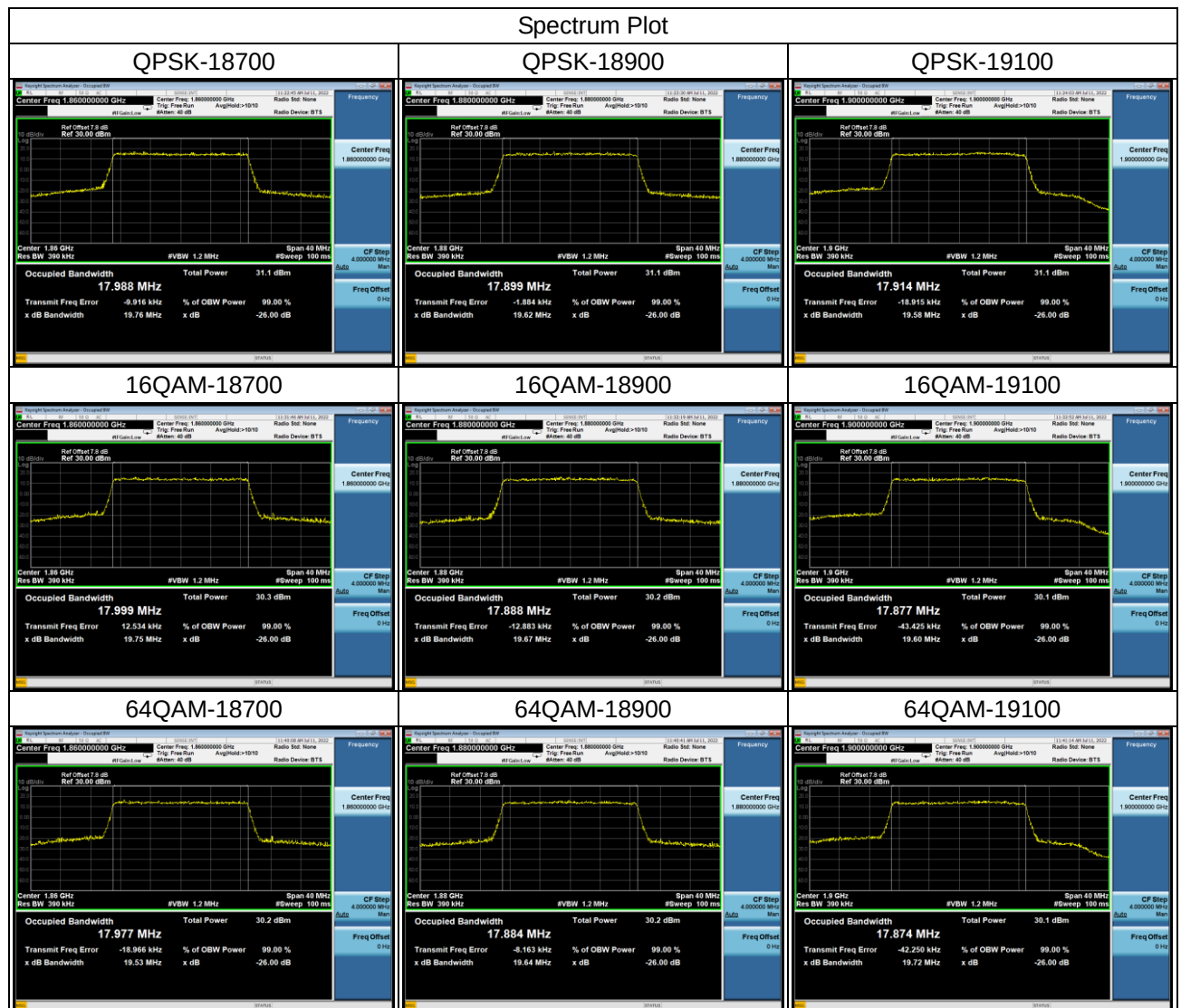
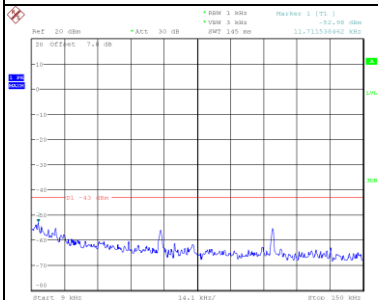


LTE Band 2_20MHz							
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)			26dB Bandwidth (MHz)		
		QPSK	16QAM	64QAM	QPSK	16QAM	64QAM
18700	1860	17.988	17.999	17.977	19.76	19.75	19.53
18900	1880	17.899	17.888	17.884	19.62	19.67	19.64
19100	1900	17.914	17.877	17.874	19.58	19.60	19.72

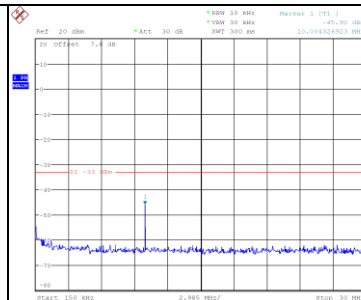


APPENDIX C - CONDUCTED SPURIOUS EMISSIONS

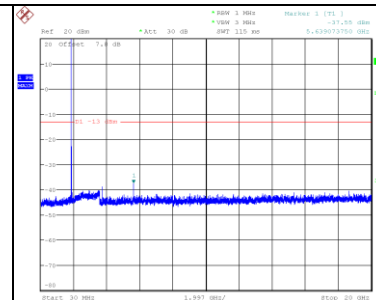
PCS1900_GPRS_CH661 Spectrum Plot



Date: 12.JUL.2022 14:29:25

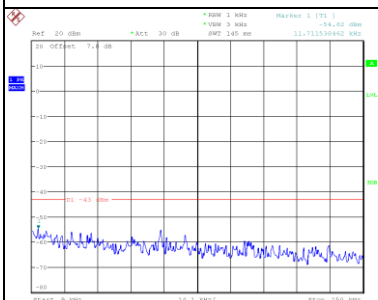


Date: 12.JUL.2022 14:28:39

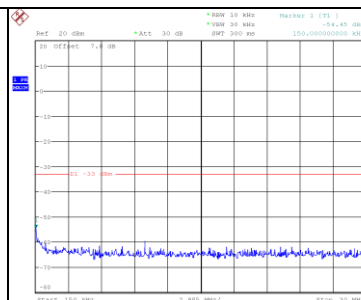


Date: 12.JUL.2022 14:27:35

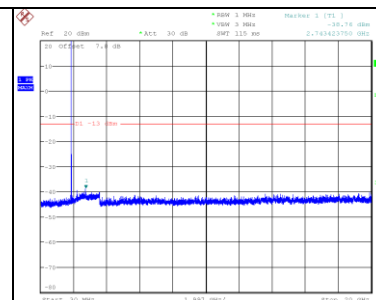
PCS1900_EDGE_CH661 Spectrum Plot



Date: 12.JUL.2022 14:30:35

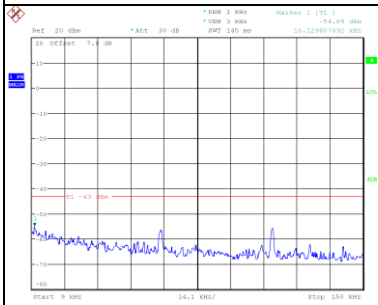


Date: 12.JUL.2022 14:31:03

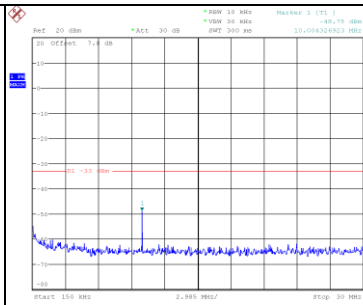


Date: 12.JUL.2022 14:32:14

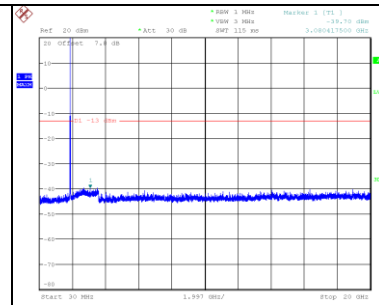
WCDMA Band II_WCDMA_CH9400 Spectrum Plot



Dates: 12_05_2022 14:44:17

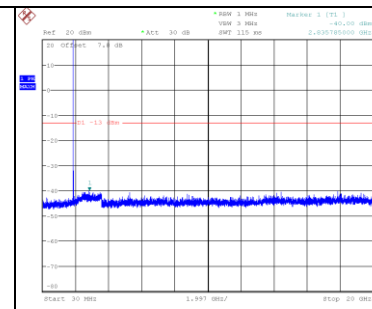
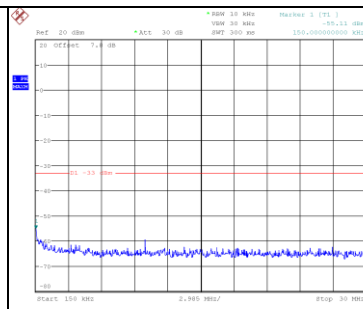
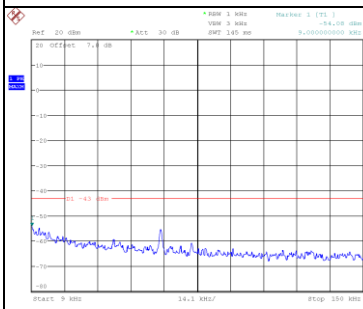


Dates: 12_05_2022 14:43:39

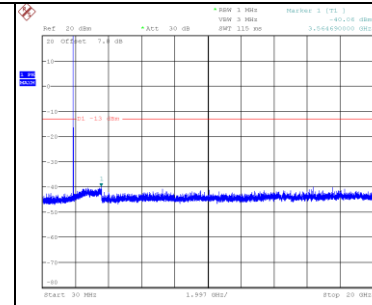
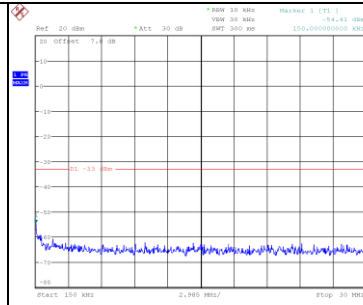
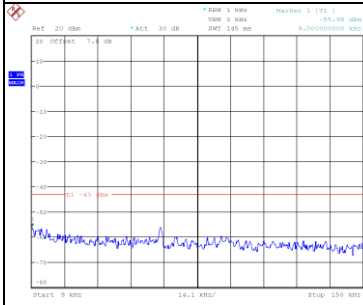


Dates: 12_05_2022 14:43:29

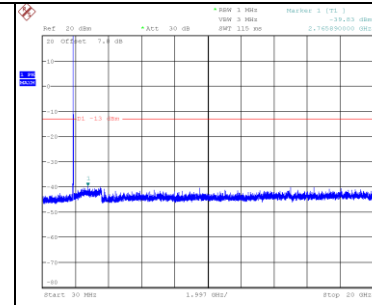
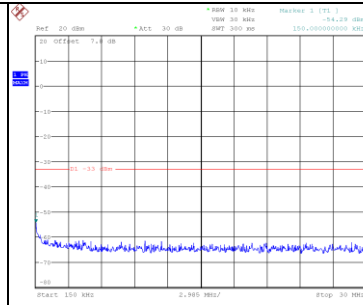
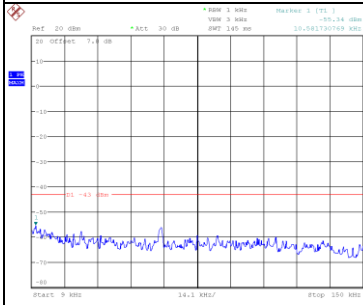
LTE Band 2_1.4MHz_CH18900 Spectrum Plot



LTE Band 2_5MHz_CH18900 Spectrum Plot



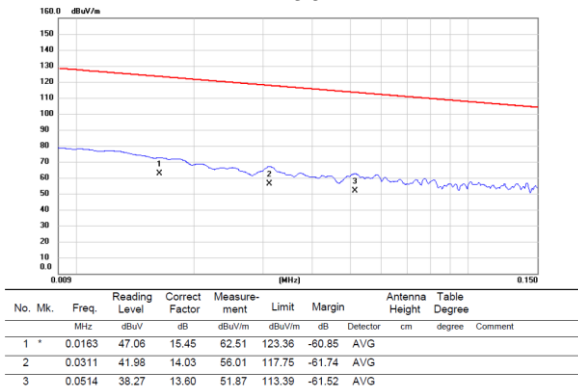
LTE Band 2_20MHz_CH18900 Spectrum Plot



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

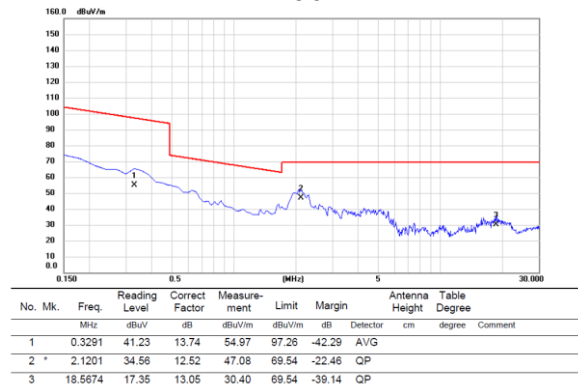
Test Mode : TX Mode

Ant 0°



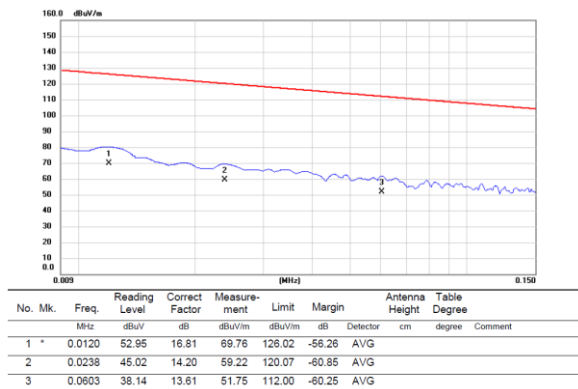
Test Mode : TX Mode

Ant 0°



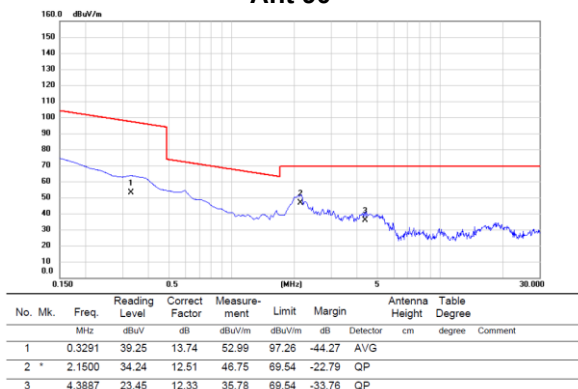
Test Mode : TX Mode

Ant 90°



Test Mode : TX Mode

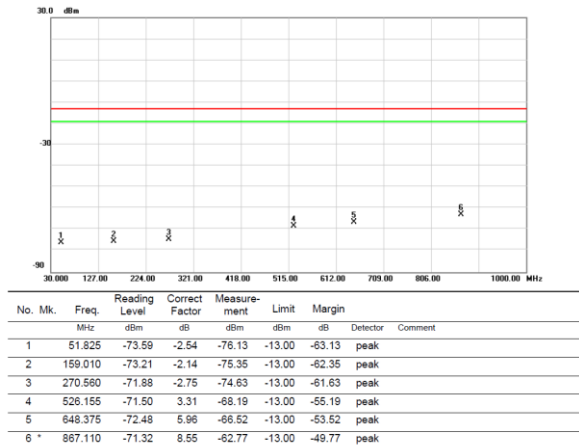
Ant 90°



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

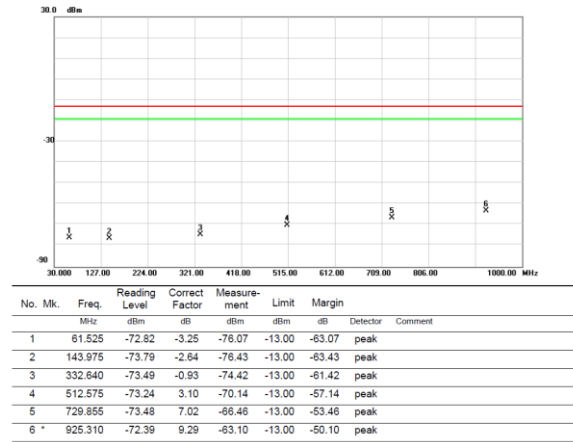
Test Mode : PCS1900_TX CH661_GPRS

Vertical



Test Mode : PCS1900_TX CH661_GPRS

Horizontal



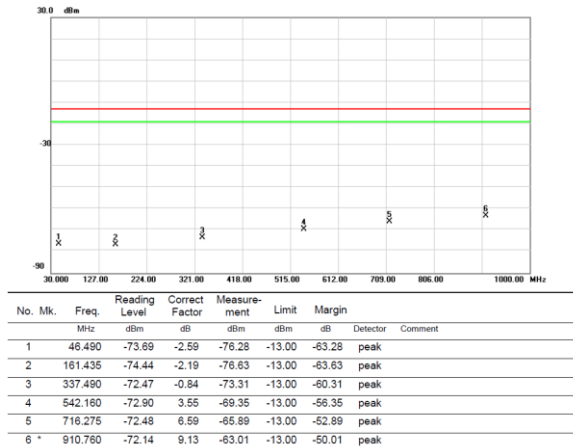
Test Mode : WCDMA Band II_TX CH9400

Vertical



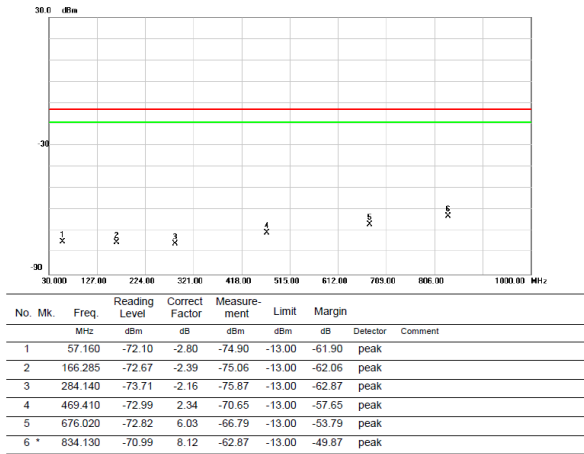
Test Mode : WCDMA Band II_TX CH9400

Horizontal



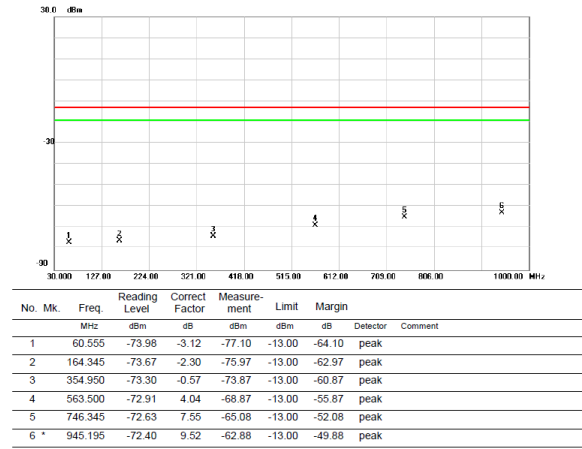
Test Mode : LTE Band 2_TX CH18900_1.4MHz

Vertical



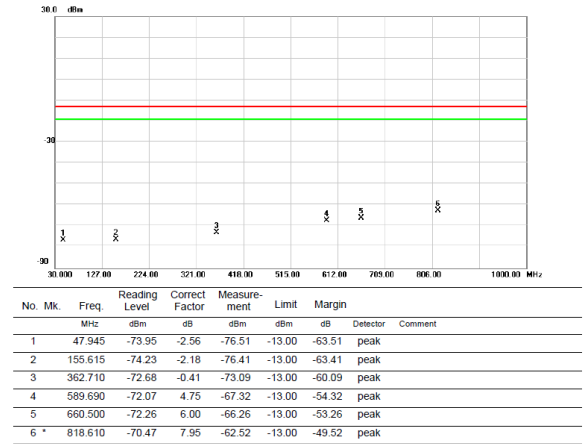
Test Mode : LTE Band 2_TX CH18900_1.4MHz

Horizontal



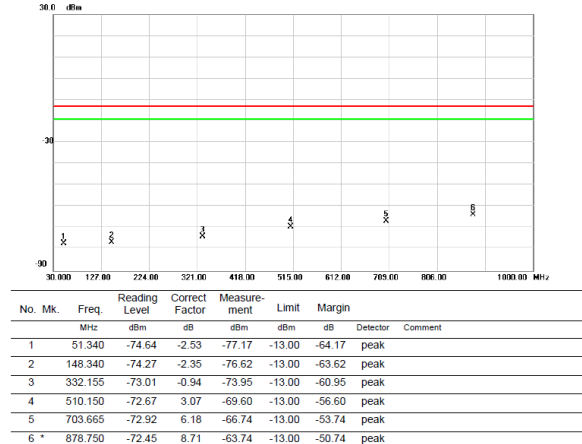
Test Mode : LTE Band 2_TX CH18900_5MHz

Vertical



Test Mode : LTE Band 2_TX CH18900_5MHz

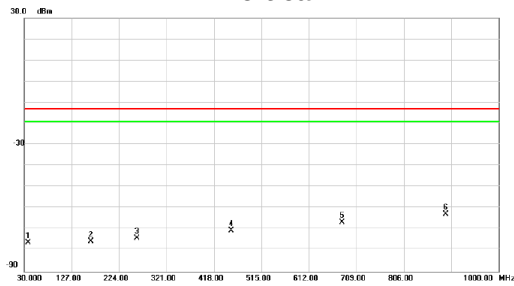
Horizontal



Test Mode : LTE Band 2_TX CH18900_20MHz

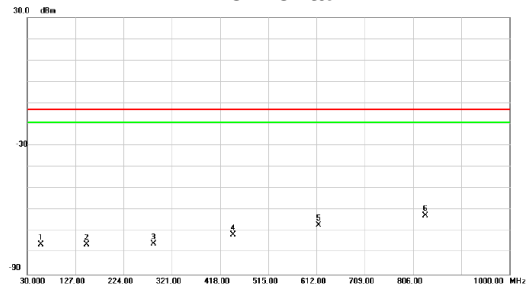
Test Mode : LTE Band 2_TX CH18900_20MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		37.760	-73.05	-3.33	-76.38	-13.00	-63.38	peak	
2		165.800	-73.47	-2.37	-75.84	-13.00	-62.84	peak	
3		261.345	-71.05	-3.21	-74.26	-13.00	-61.26	peak	
4		453.405	-72.57	2.05	-70.52	-13.00	-57.52	peak	
5		679.900	-72.69	6.04	-66.65	-13.00	-53.65	peak	
6 *		891.360	-71.75	8.89	-62.86	-13.00	-49.86	peak	

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		57.645	-73.28	-2.85	-76.13	-13.00	-63.13	peak	
2		149.310	-73.80	-2.29	-76.09	-13.00	-63.09	peak	
3		283.655	-73.52	-2.17	-75.69	-13.00	-62.69	peak	
4		444.190	-73.22	1.81	-71.41	-13.00	-58.41	peak	
5		616.850	-72.54	5.35	-67.19	-13.00	-54.19	peak	
6 *		830.735	-70.69	8.09	-62.60	-13.00	-49.60	peak	

APPENDIX F - RADIATED SPURIOUS EMISSIONS (ABOVE 1000MHZ)

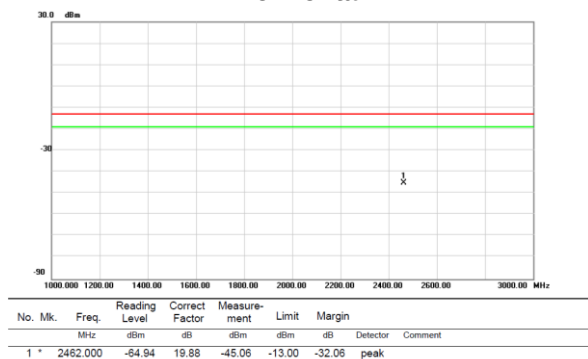
Test Mode : PCS1900_TX CH661_GPRS

Vertical



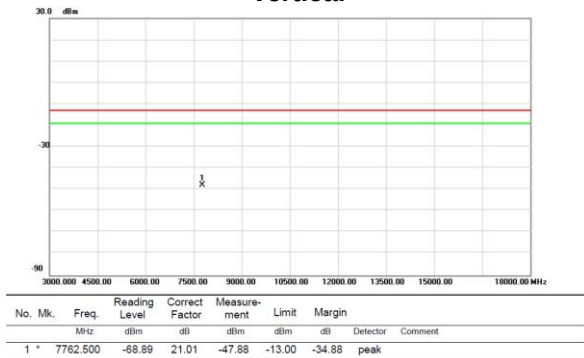
Test Mode : PCS1900_TX CH661_GPRS

Horizontal



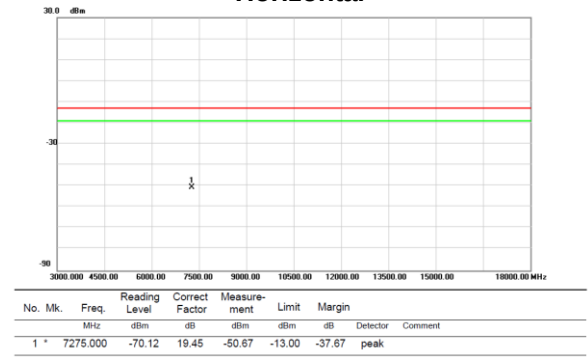
Test Mode : PCS1900_TX CH661_GPRS

Vertical



Test Mode : PCS1900_TX CH661_GPRS

Horizontal



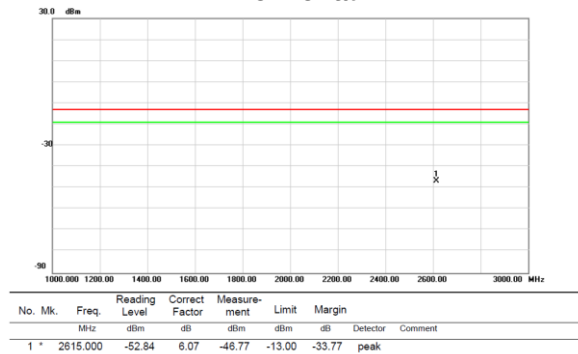
Test Mode : WCDMA Band II_TX CH9400

Vertical



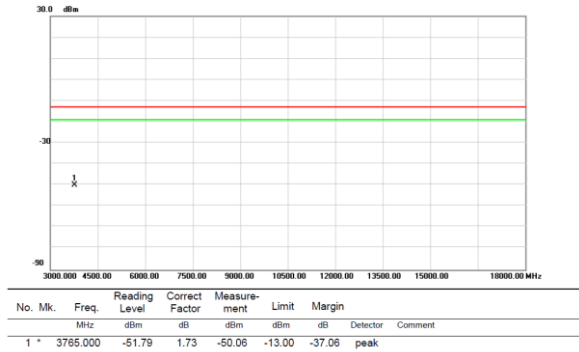
Test Mode : WCDMA Band II_TX CH9400

Horizontal



Test Mode : WCDMA Band II_TX CH9400

Vertical



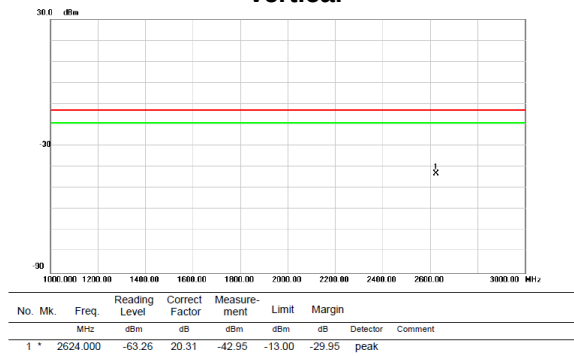
Test Mode : WCDMA Band II_TX CH9400

Horizontal



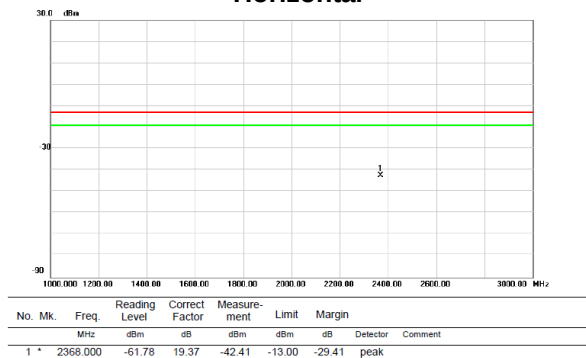
Test Mode : LTE Band 2_TX CH18900_1.4MHz

Vertical



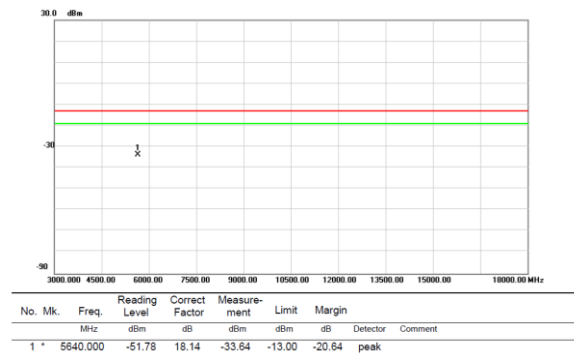
Test Mode : LTE Band 2_TX CH18900_1.4MHz

Horizontal



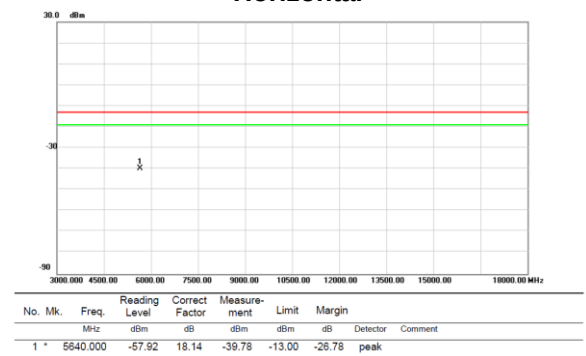
Test Mode : LTE Band 2_TX CH18900_1.4MHz

Vertical



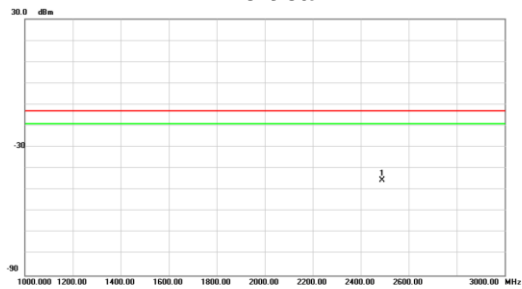
Test Mode : LTE Band 2_TX CH18900_1.4MHz

Horizontal



Test Mode : LTE Band 2_TX CH18900_5MHz

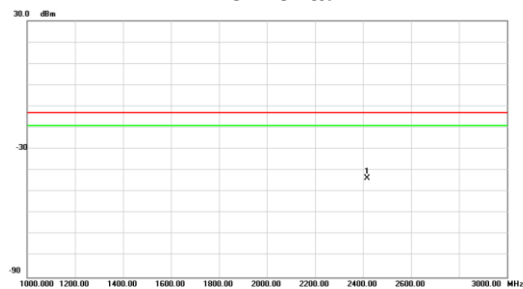
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2488.000	-85.42	20.02	-45.40	-13.00	-32.40	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

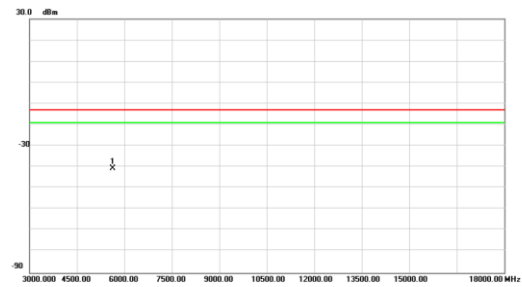
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2416.000	-63.35	19.63	-43.72	-13.00	-30.72	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

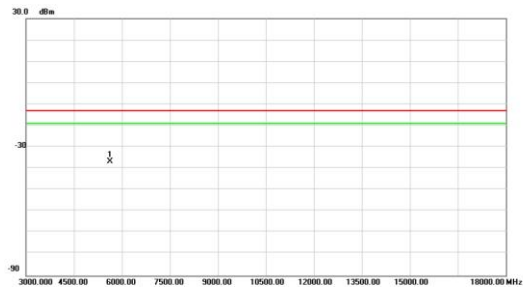
Vertical



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5632.500	-58.67	18.15	-40.52	-13.00	-27.52	peak	

Test Mode : LTE Band 2_TX CH18900_5MHz

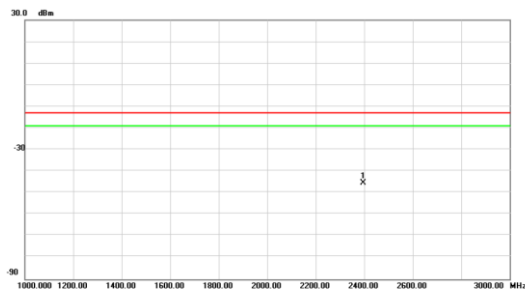
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	5632.500	-54.93	18.15	-36.78	-13.00	-23.78	peak	

Test Mode : LTE Band 2_TX CH18900_20MHz

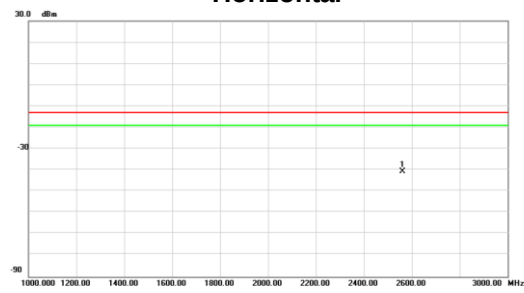
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2397.000	-64.84	19.53	-45.31	-13.00	-32.31	peak	

Test Mode : LTE Band 2_TX CH18900_20MHz

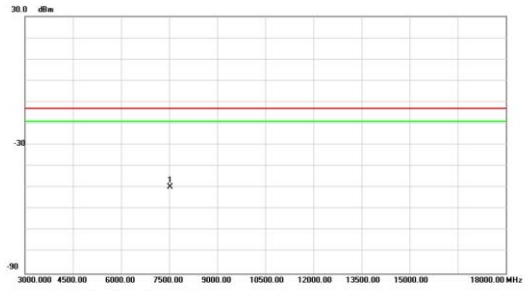
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2560.000	-60.71	20.19	-40.52	-13.00	-27.52	peak	

Test Mode : LTE Band 2_TX CH18900_20MHz

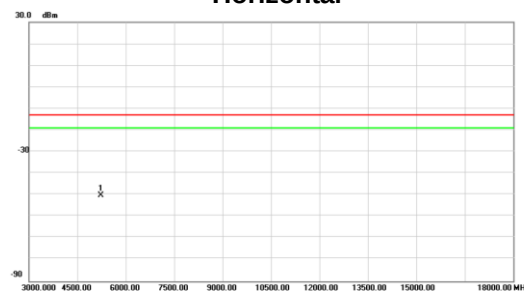
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7522.500	-70.11	20.43	-49.68	-13.00	-36.68	peak	

Test Mode : LTE Band 2_TX CH18900_20MHz

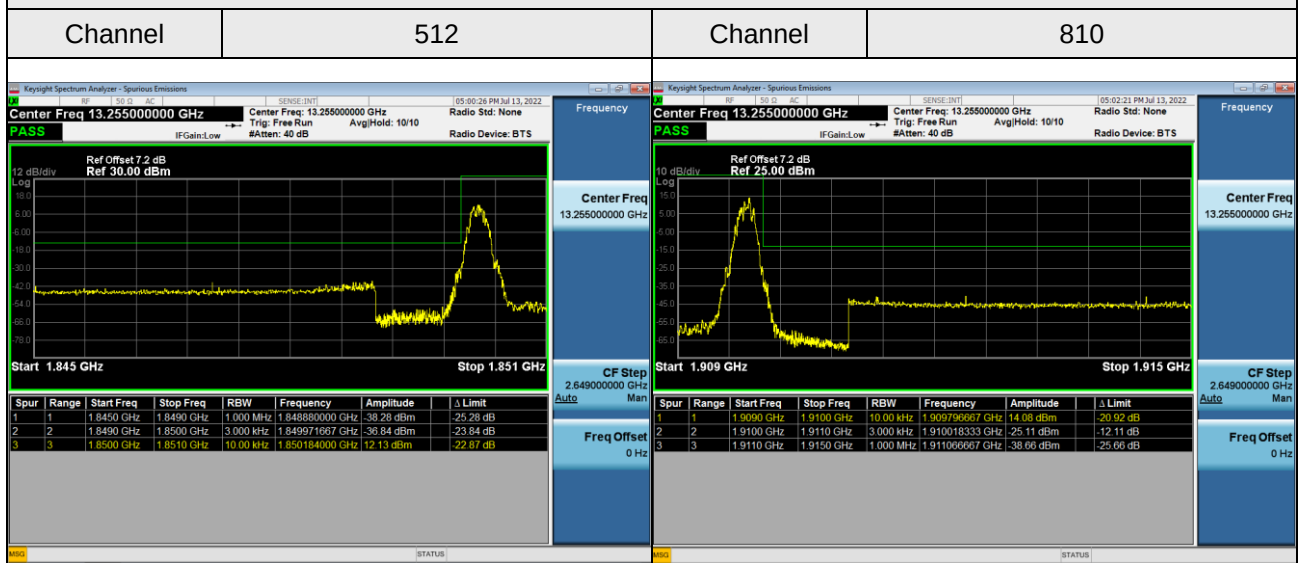
Horizontal



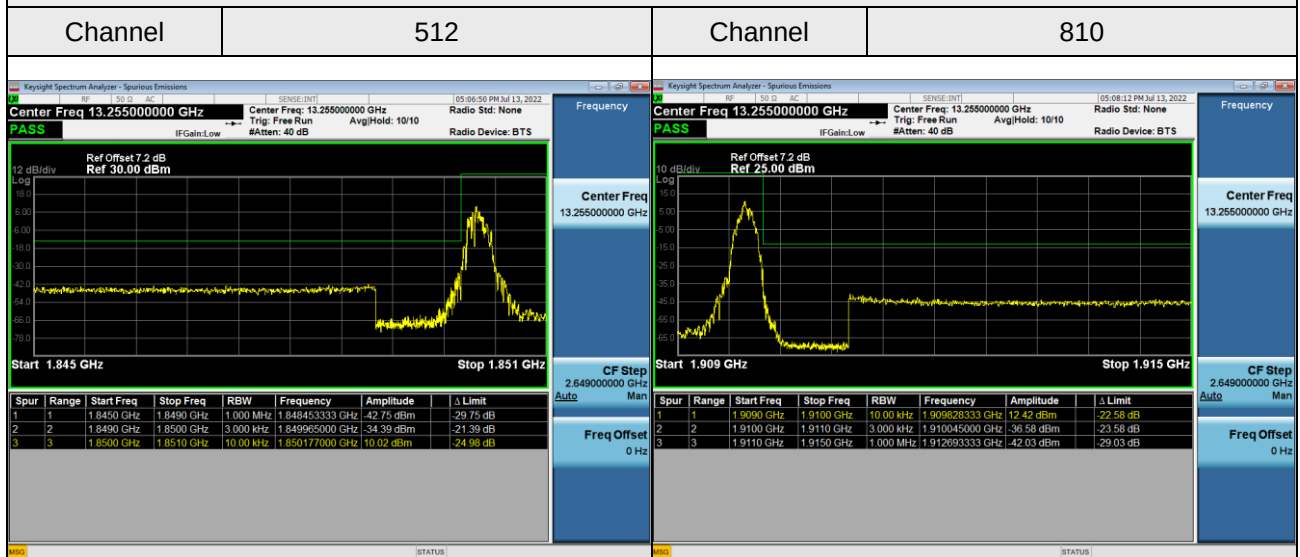
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5227.500	-67.46	17.29	-50.17	-13.00	-37.17	peak	

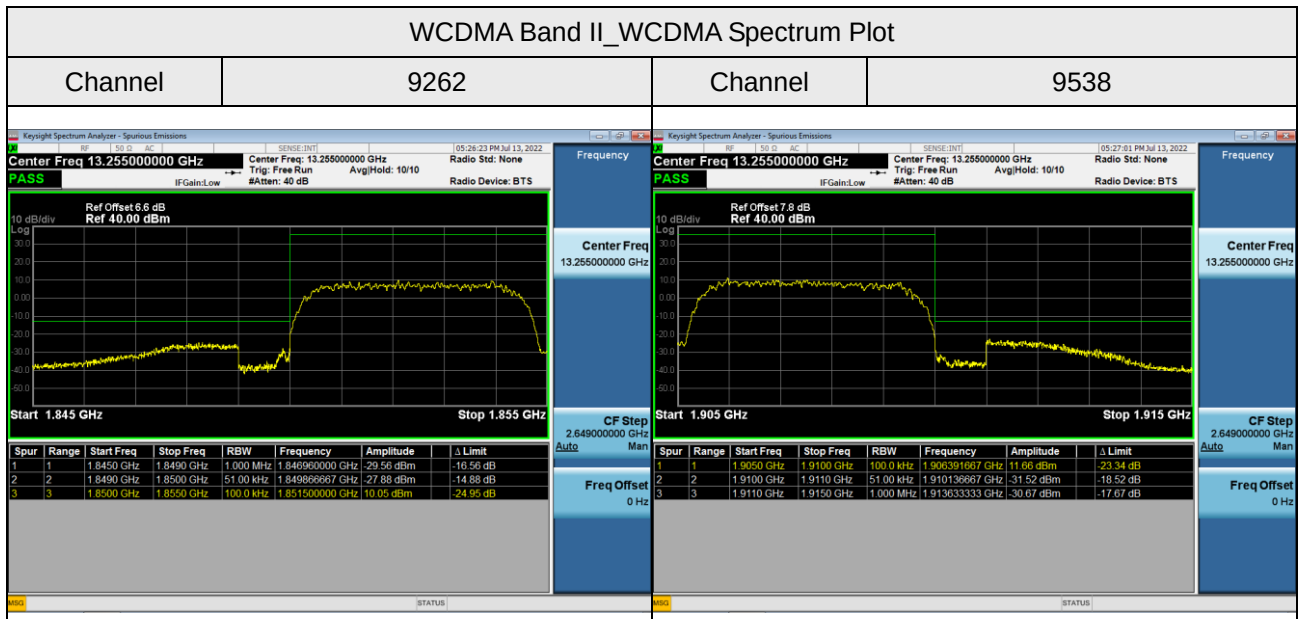
APPENDIX G - BAND EDGE

PCS1900_GPRS Spectrum Plot



EDGE





LTE Band 2_1.4MHz Spectrum Plot

1RB#0

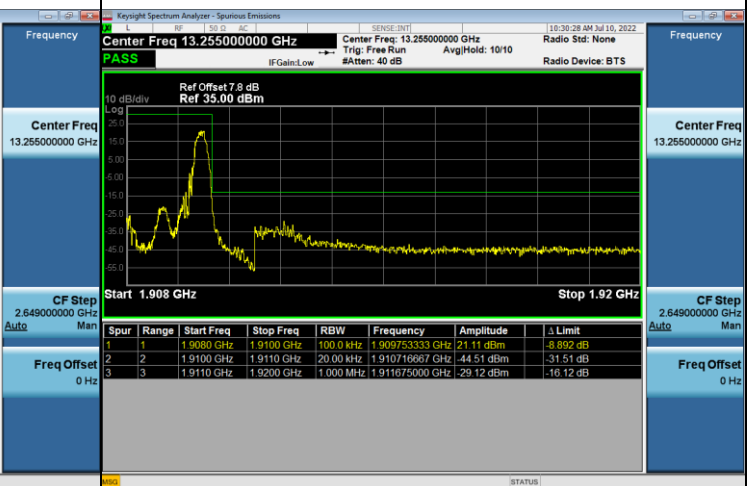
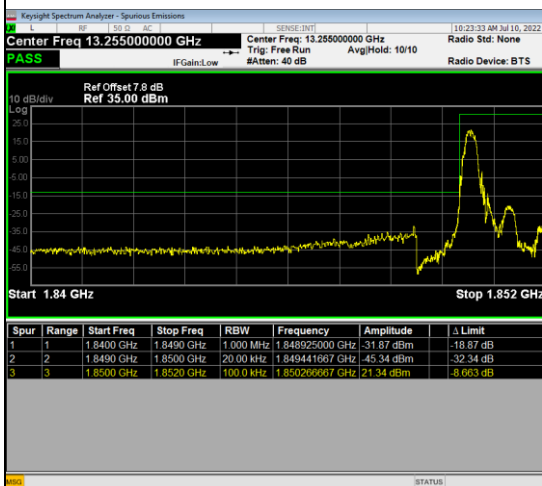
1RB#5

Channel

18607

Channel

19193



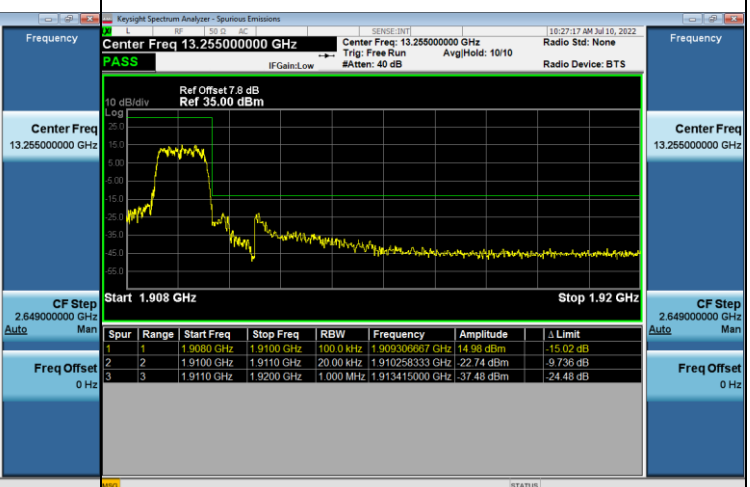
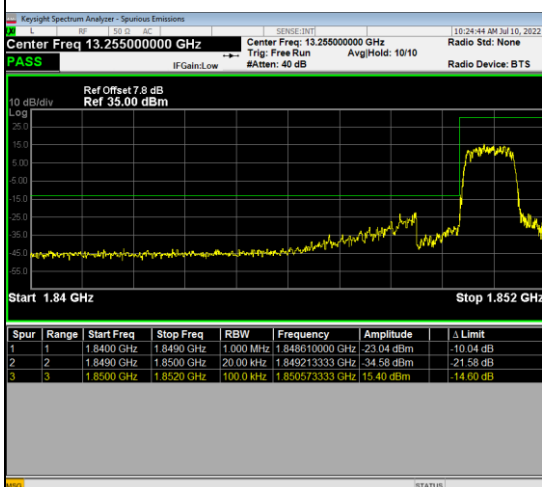
6RB#0

Channel

18607

Channel

19193



LTE Band 2_3MHz Spectrum Plot

1RB#0

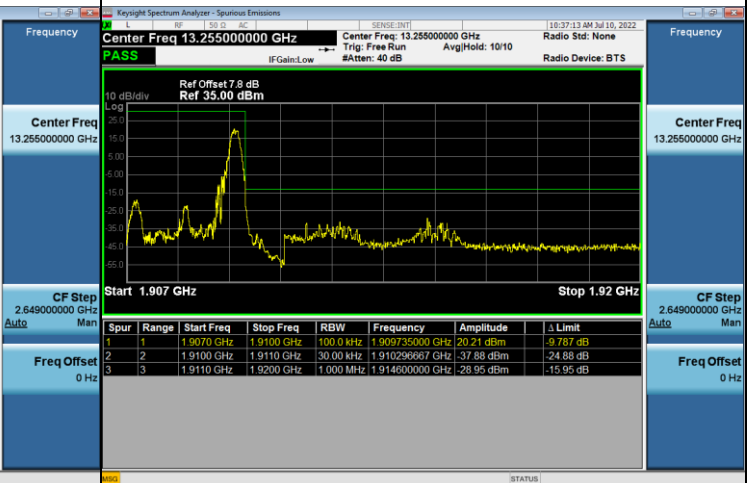
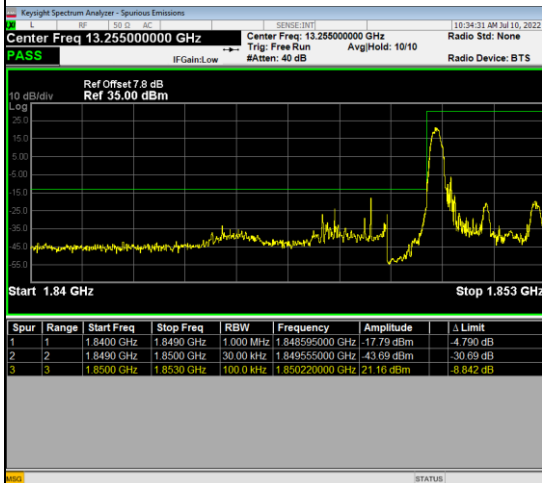
1RB#14

Channel

18615

Channel

19185



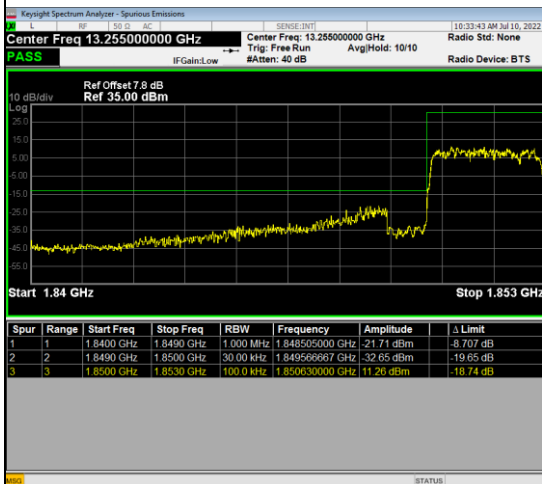
15RB#0

Channel

18615

Channel

19185



LTE Band 2_5MHz Spectrum Plot

1RB#0

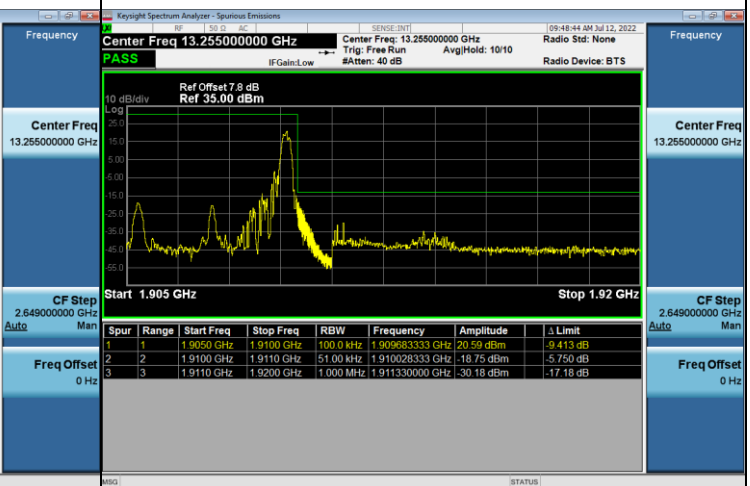
1RB#24

Channel

18625

Channel

19175



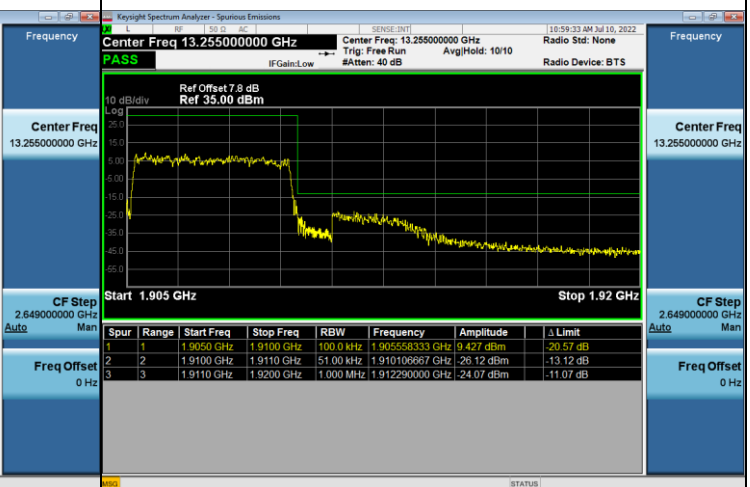
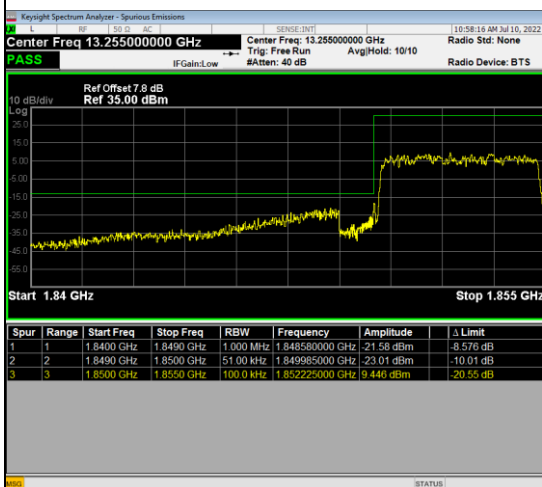
25RB#0

Channel

18625

Channel

19175



LTE Band 2_10MHz Spectrum Plot

1RB#0

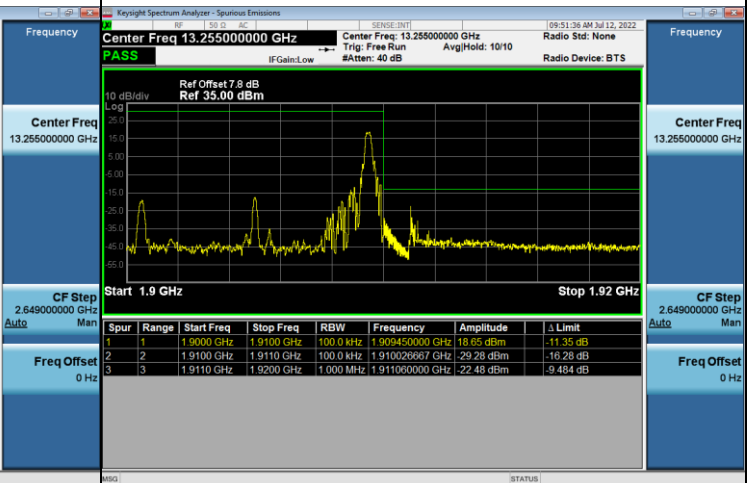
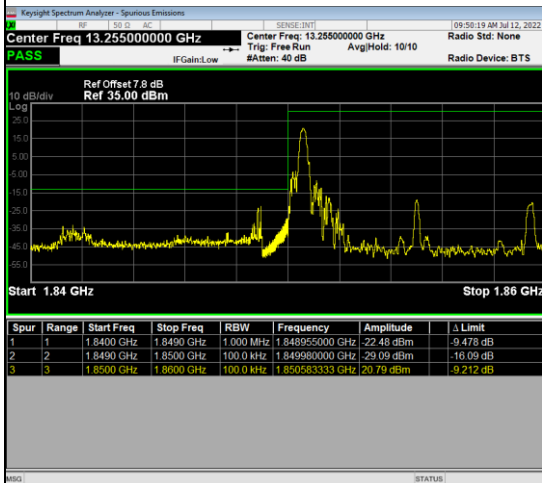
1RB#49

Channel

18650

Channel

19150



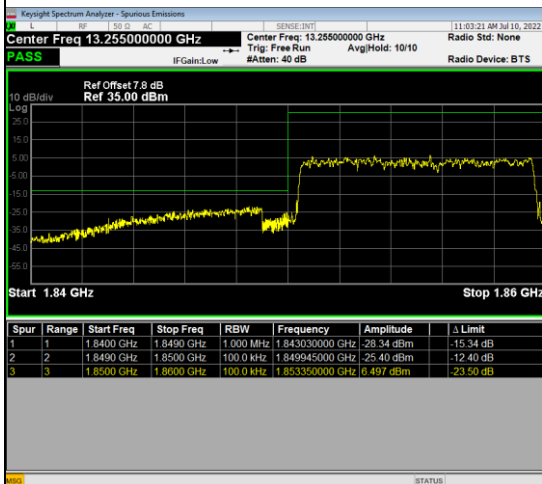
50RB#0

Channel

18650

Channel

19150



LTE Band 2_15MHz Spectrum Plot

1RB#0

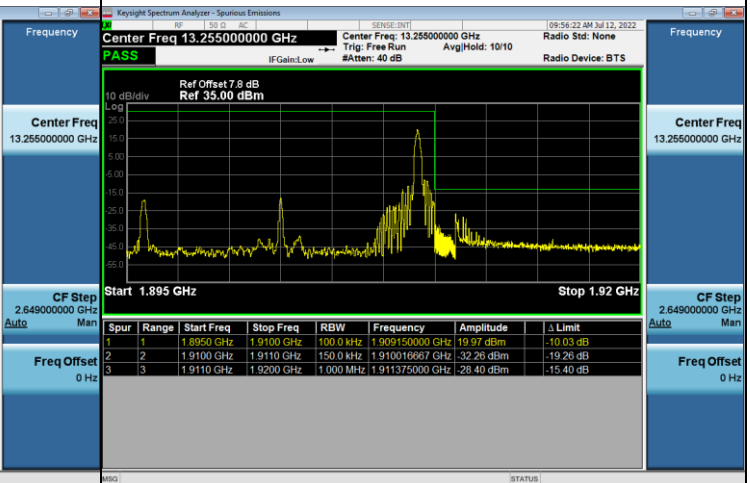
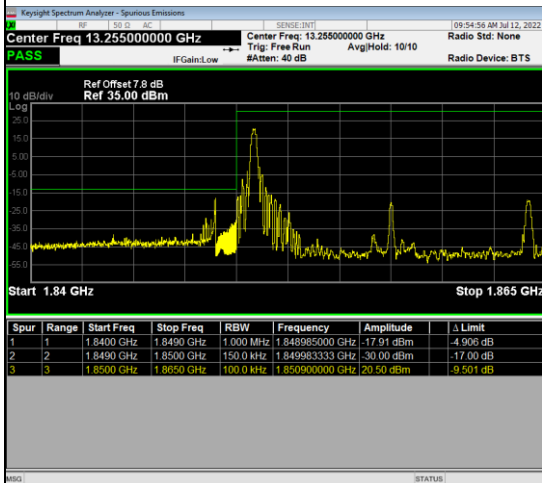
1RB#74

Channel

18675

Channel

19125



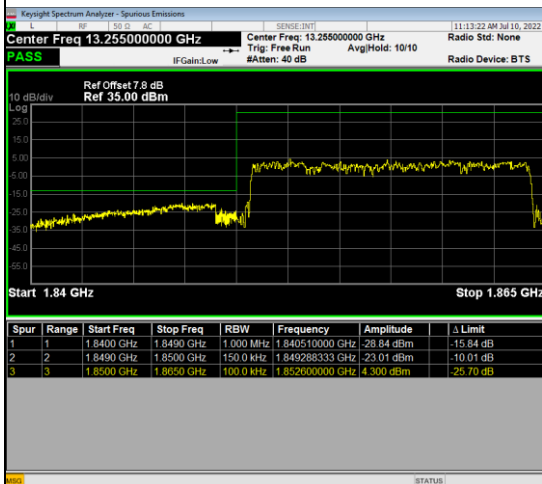
75RB#0

Channel

18675

Channel

19125



LTE Band 2_20MHz Spectrum Plot

1RB#0

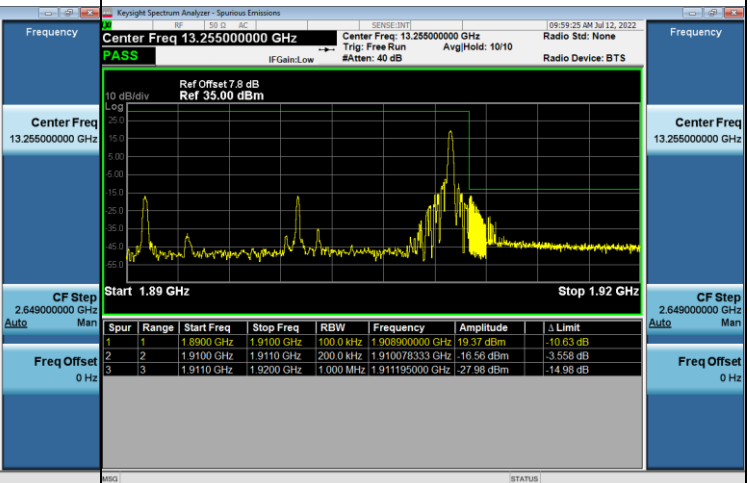
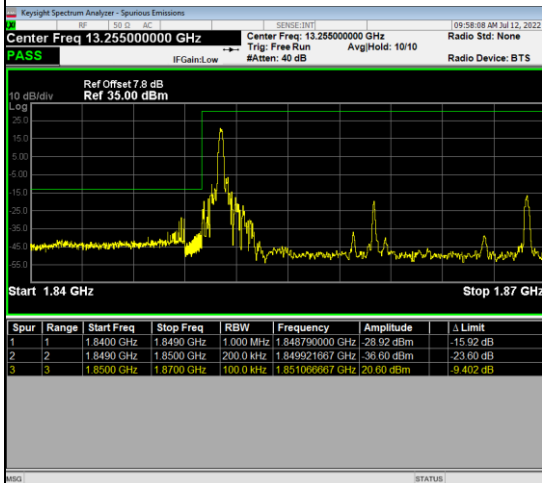
1RB#99

Channel

18700

Channel

19100



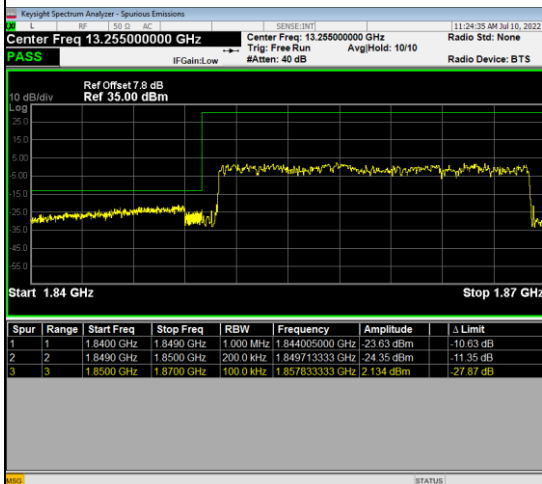
100RB#0

Channel

18700

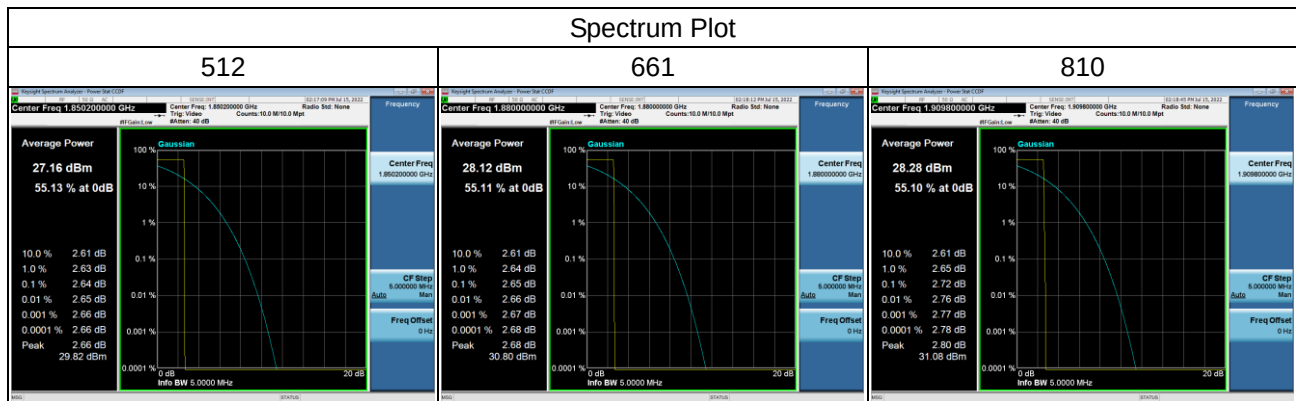
Channel

19100

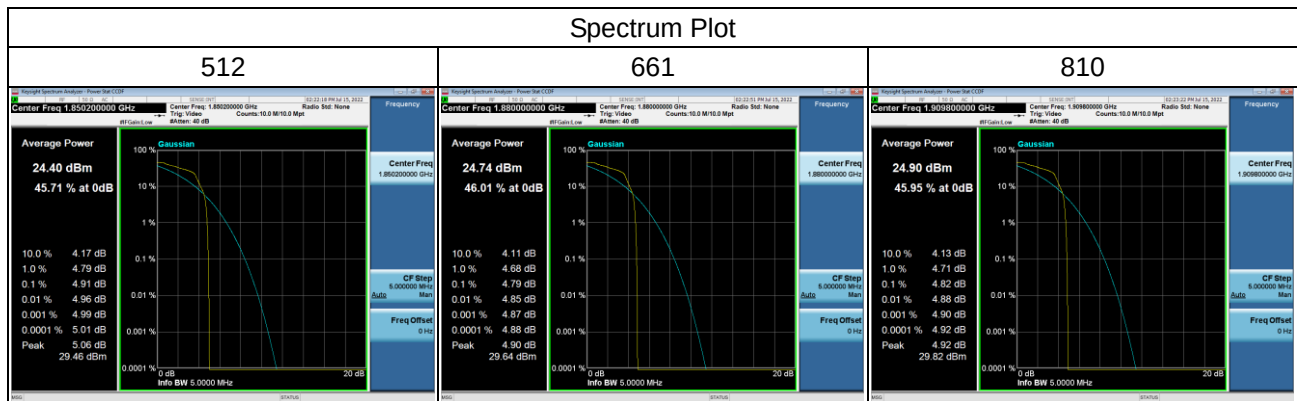


APPENDIX H - PEAK TO AVERAGE RATIO

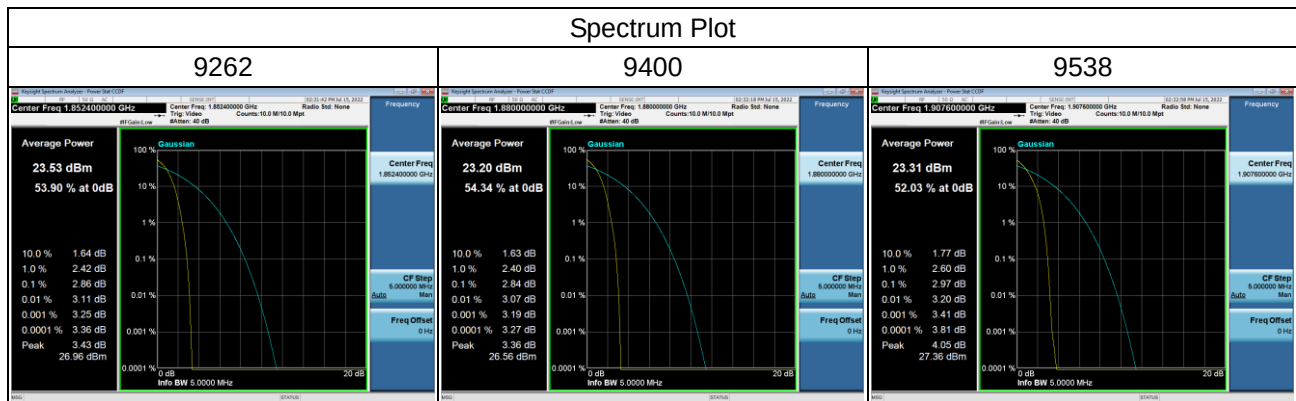
PCS1900_GPRS				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)	Max. Limit (dB)	Result
		QPSK		
512	1850.2	2.64	13	Pass
661	1880	2.65	13	Pass
810	1909.8	2.72	13	Pass



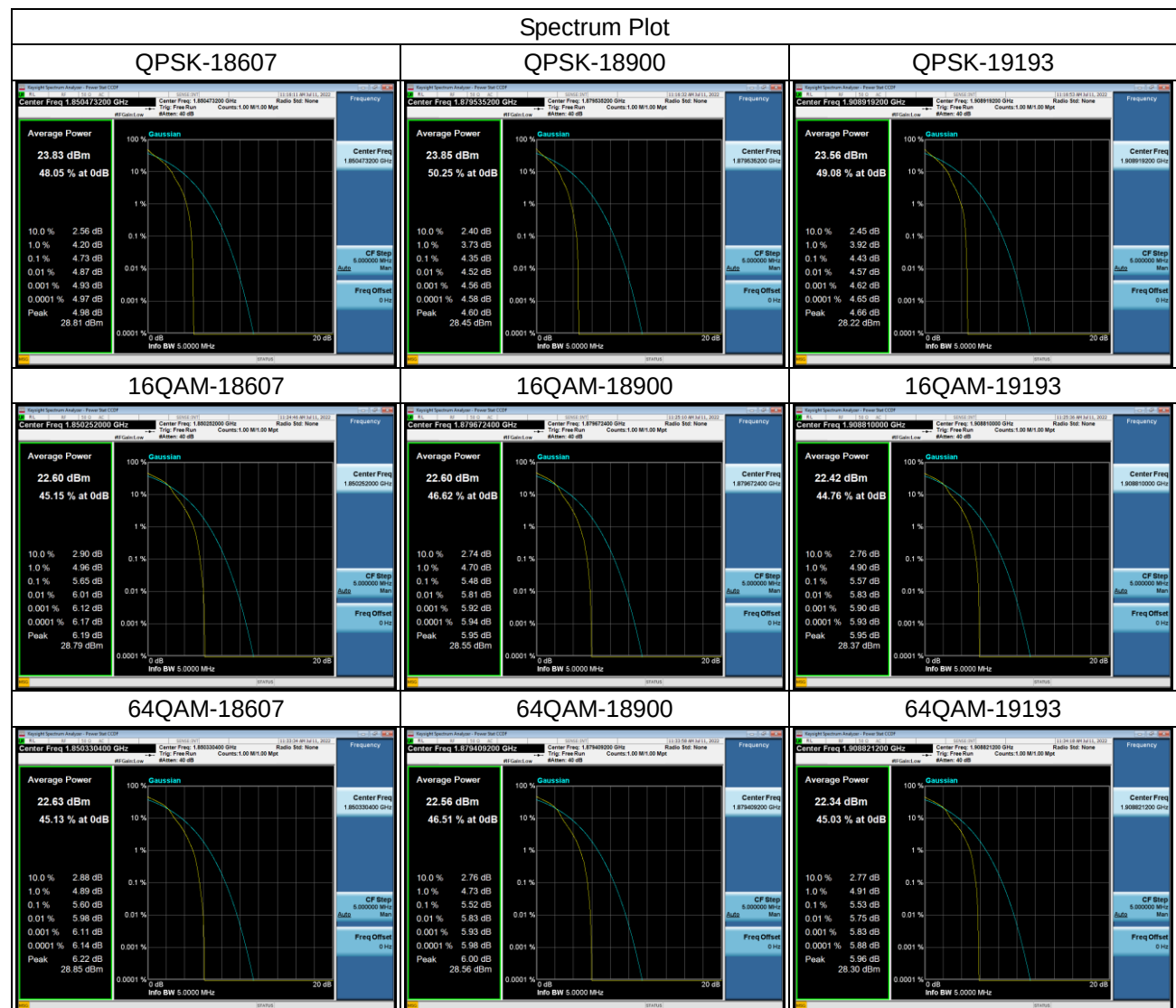
PCS1900_EDGE				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)	Max. Limit (dB)	Result
		QPSK		
512	1850.2	4.91	13	Pass
661	1880	4.79	13	Pass
810	1909.8	4.82	13	Pass



WCDMA Band II_WCDMA				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)	Max. Limit (dB)	Result
		QPSK		
9262	1852.4	2.86	13	Pass
9400	1880	2.84	13	Pass
9538	1907.6	2.97	13	Pass



LTE Band 2_1.4MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
18607	1850.7	4.73	5.65	5.60	13	Pass
18900	1880	4.35	5.48	5.52	13	Pass
19193	1909.3	4.43	5.57	5.53	13	Pass



LTE Band 2_3MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
18615	1851.5	4.78	5.67	5.63	13	Pass
18900	1880	4.47	5.20	5.24	13	Pass
19185	1908.5	4.71	5.49	5.48	13	Pass

