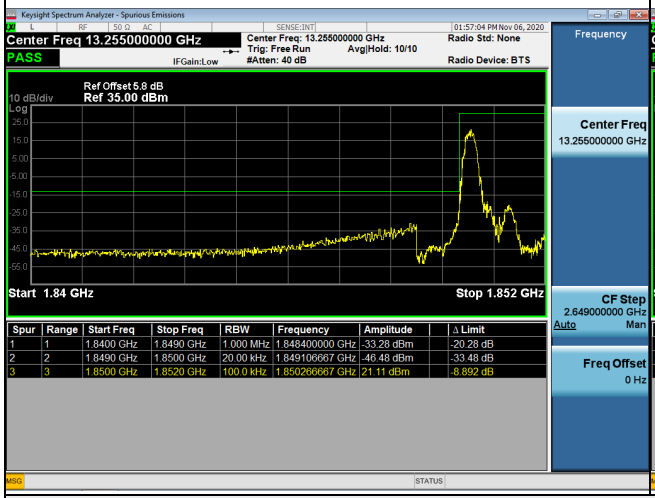
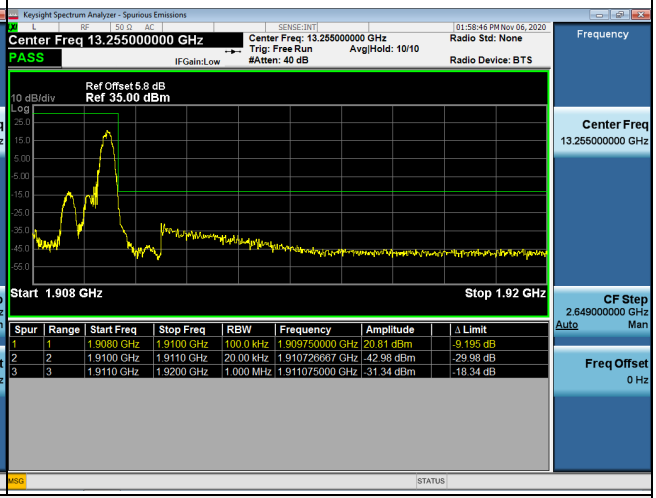
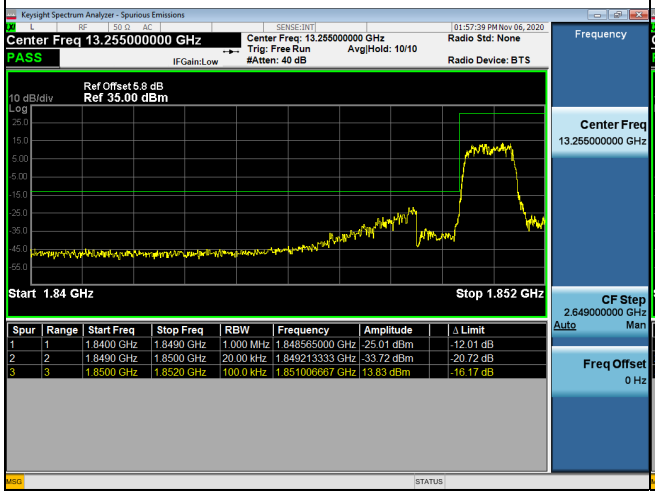
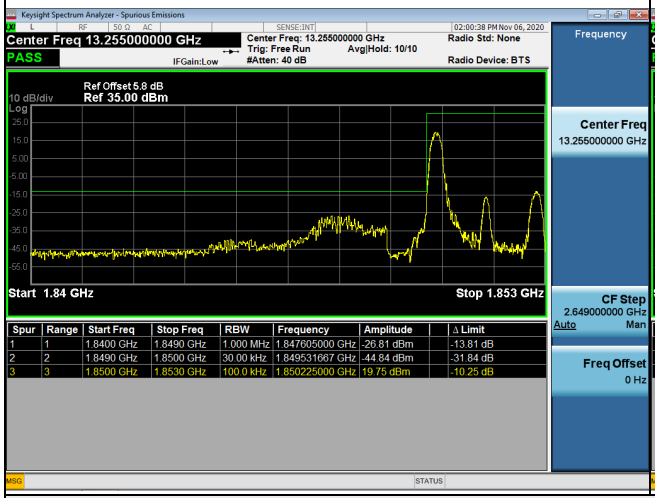
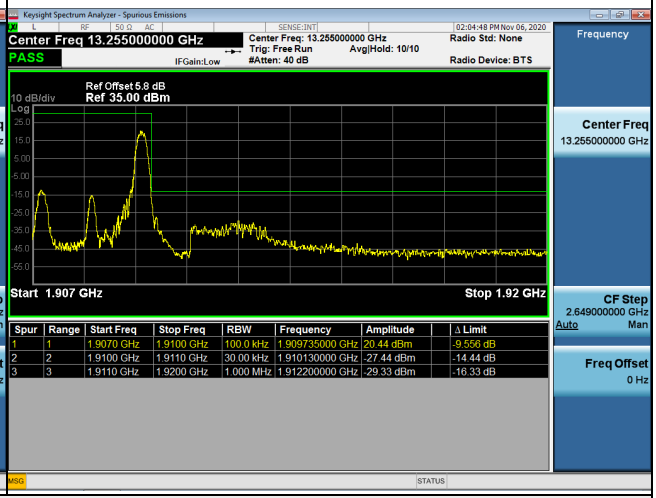
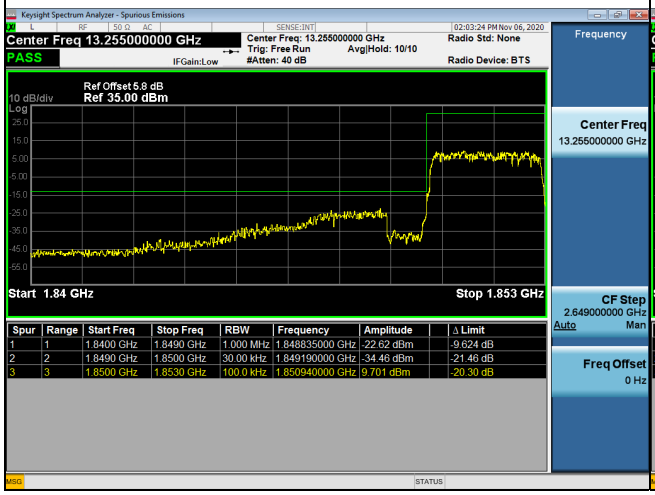
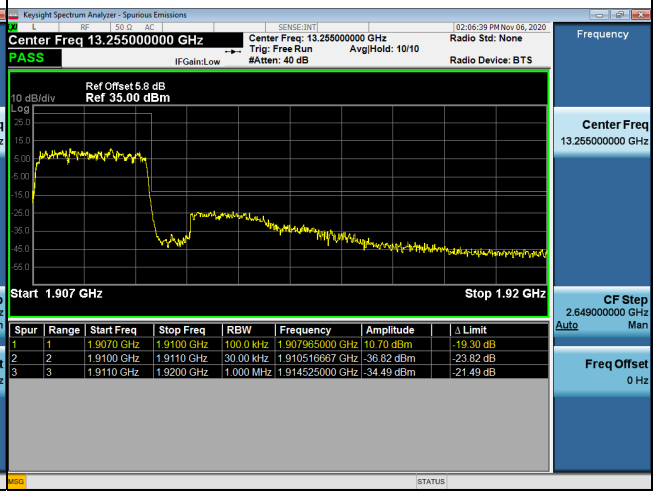
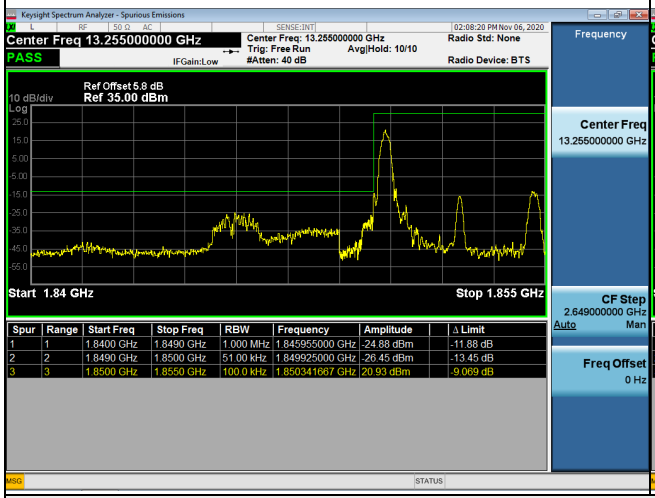
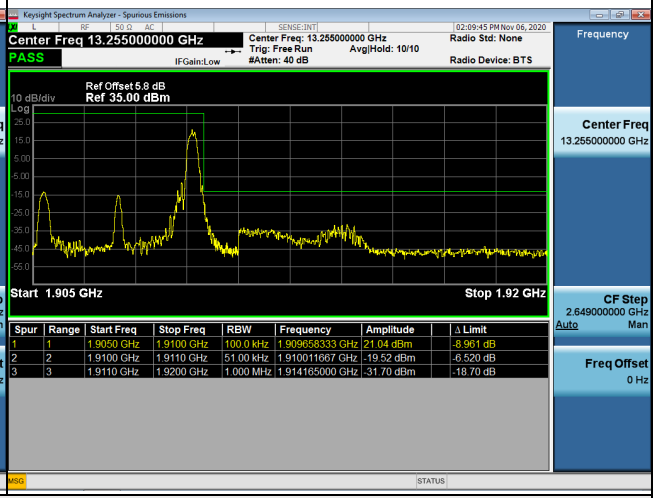
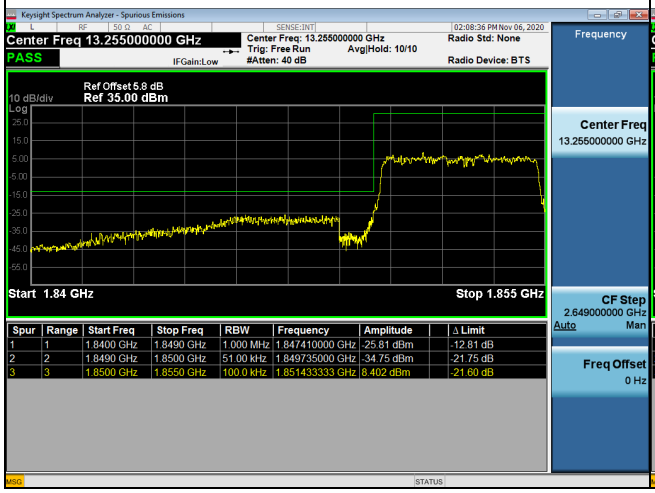
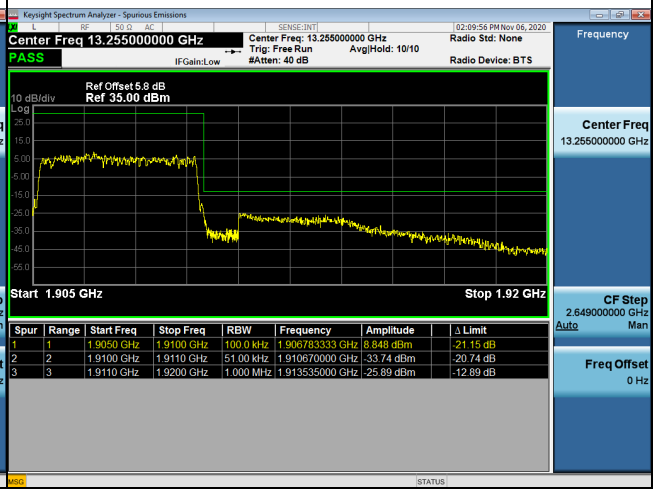
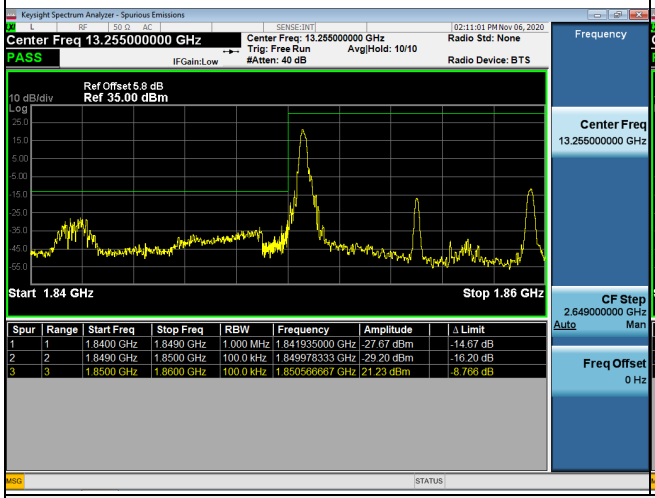
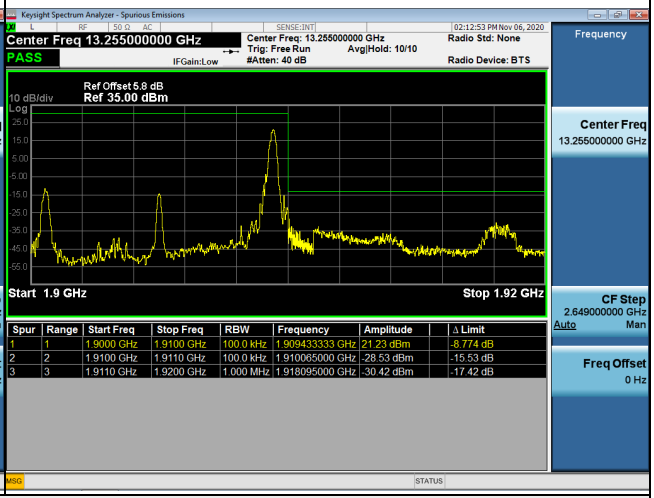
LTE Band 2_1.4MHz Spectrum Plot			
1RB#0		1RB#5	
Channel	18607	Channel	19193
			
6RB#0			
Channel	18607	Channel	19193
			

LTE Band 2_3MHz Spectrum Plot			
1RB#0		1RB#14	
Channel	18615	Channel	19185
			
15RB#0			
Channel	18615	Channel	19185
			

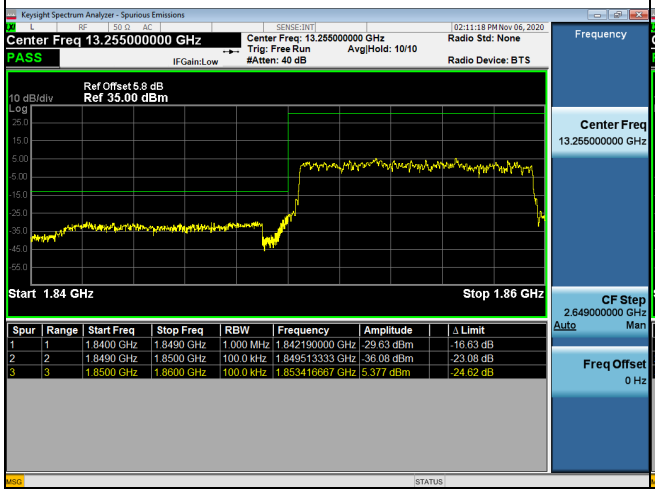
LTE Band 2_5MHz Spectrum Plot			
1RB#0		1RB#24	
Channel	18625	Channel	19175
			
25RB#0			
Channel	18625	Channel	19175
			

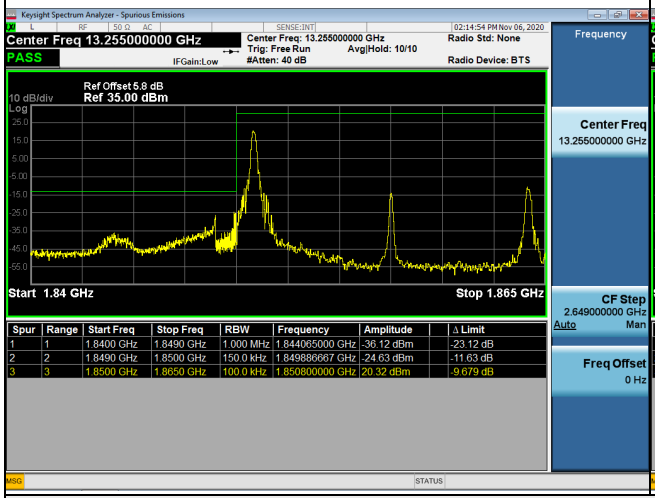
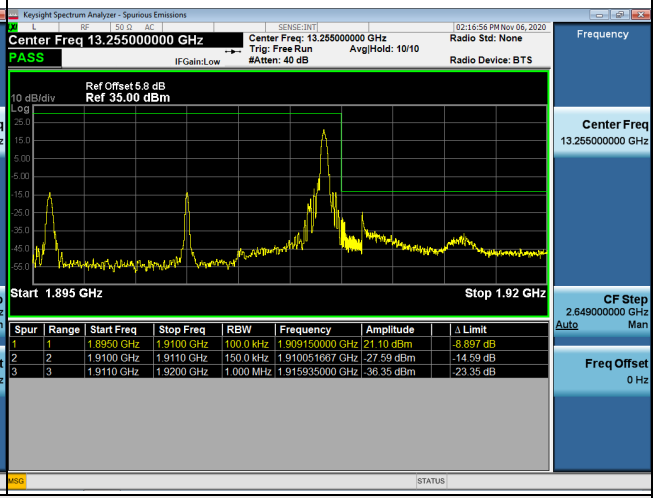
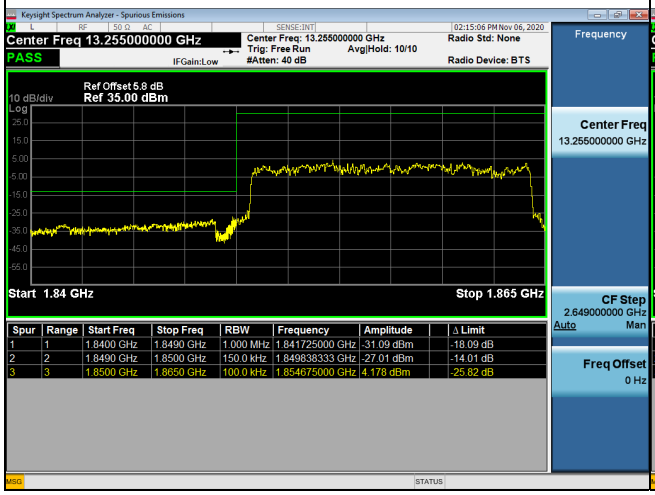
LTE Band 2_10MHz Spectrum Plot			
1RB#0		1RB#49	
Channel	18650	Channel	19150



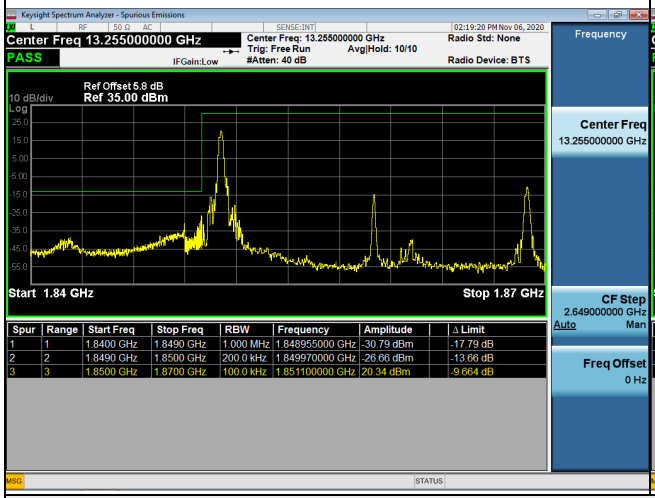


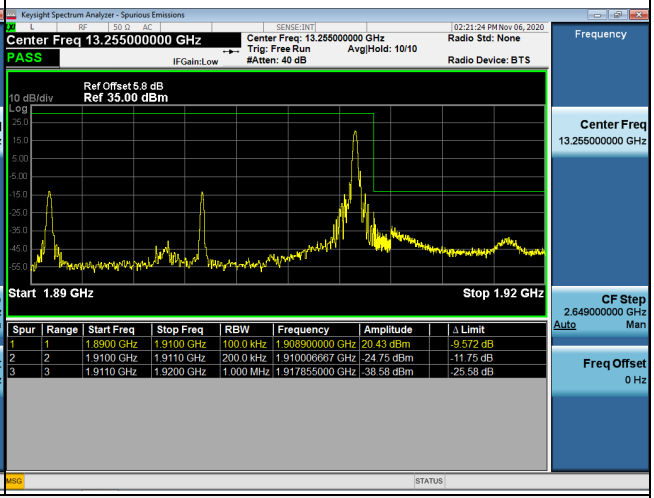
50RB#0			
Channel	18650	Channel	19150



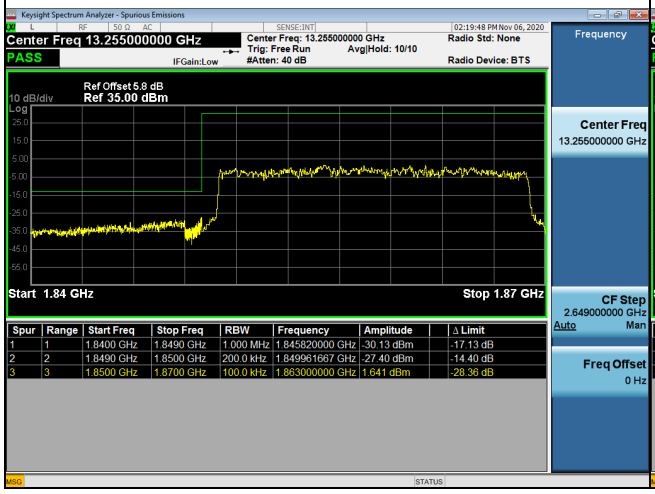
LTE Band 2_15MHz Spectrum Plot			
1RB#0		1RB#74	
Channel	18675	Channel	19125
			
75RB#0			
Channel	18675	Channel	19125
			

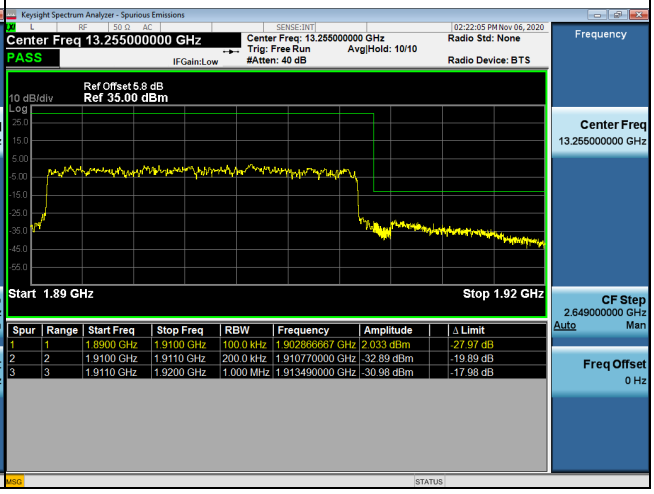
LTE Band 2_20MHz Spectrum Plot			
1RB#0		1RB#99	
Channel	18700	Channel	19100





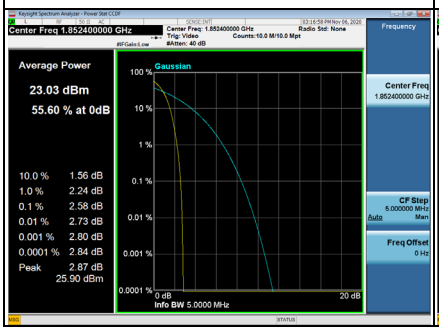
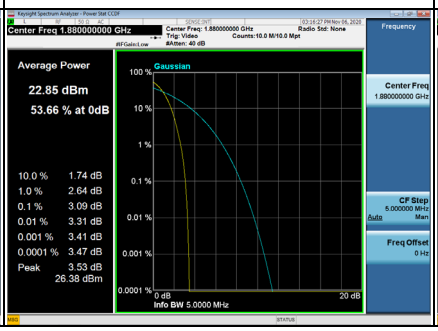
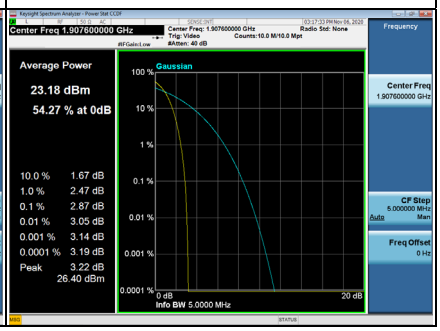
100RB#0			
Channel	18700	Channel	19100



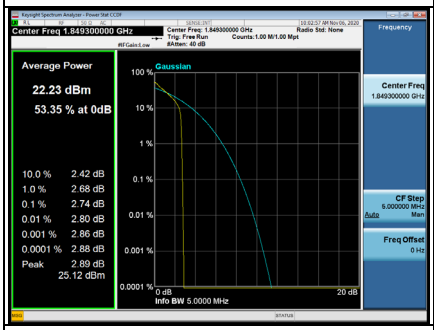
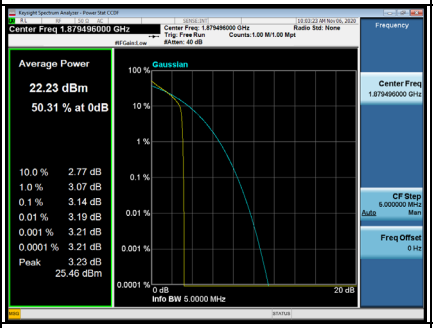
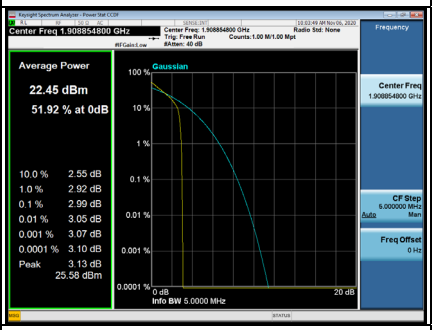
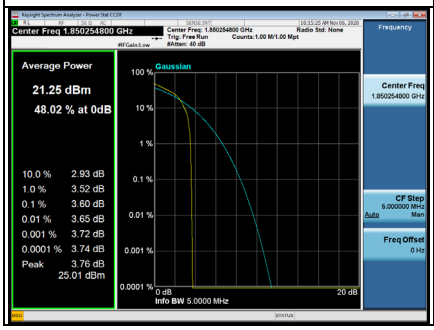
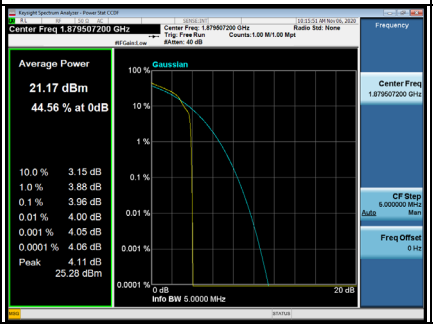
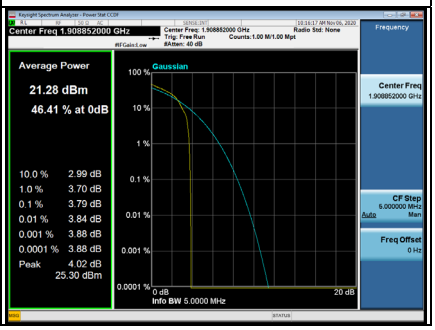


APPENDIX H - PEAK TO AVERAGE RATIO

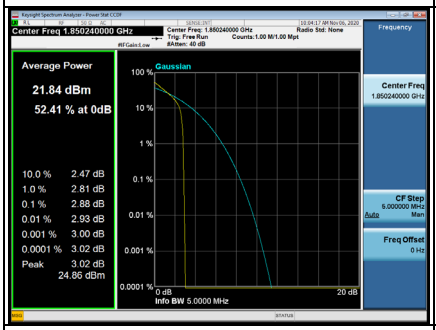
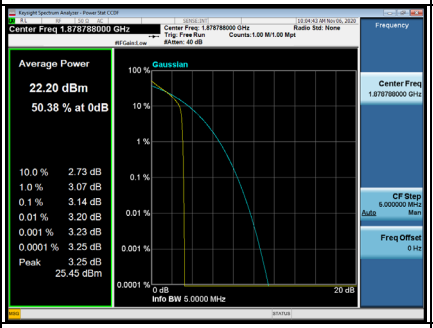
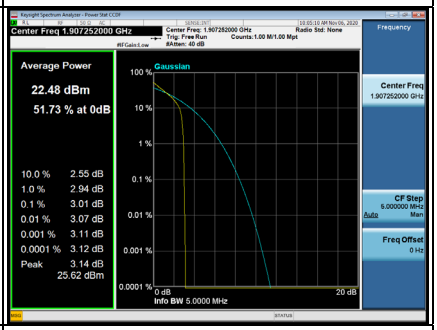
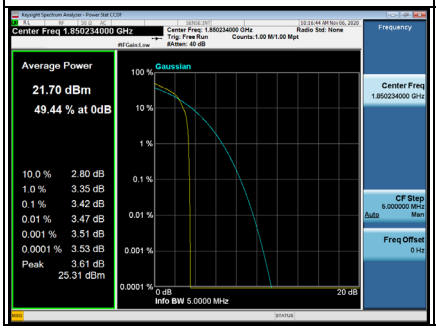
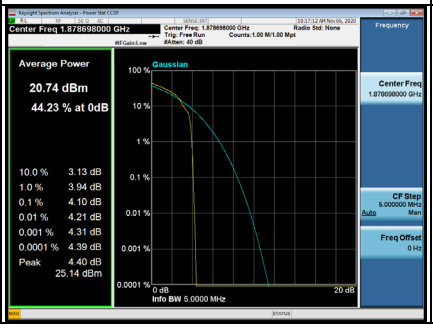
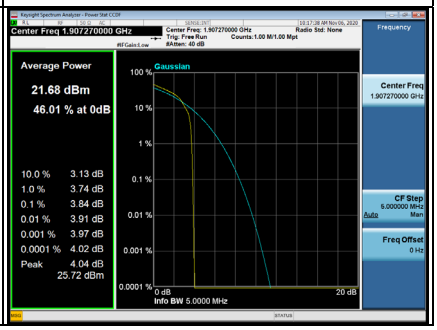
WCDMA Band II_WCDMA				
Channel	Frequency (MHz)	Peak To Average Ratio (dB)	Max. Limit (dB)	Result
		QPSK		
9262	1852.4	2.58	13	Pass
9400	1880	3.09	13	Pass
9538	1907.6	2.87	13	Pass

WCDMA Band II_WCDMA Spectrum Plot		
9262	9400	9538
		

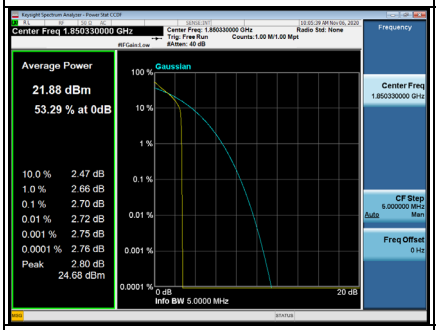
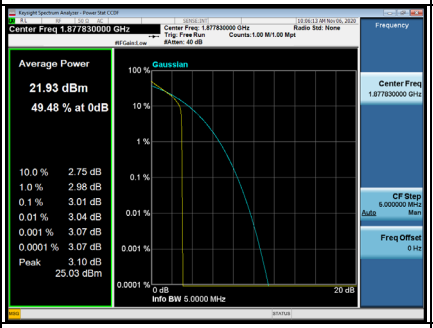
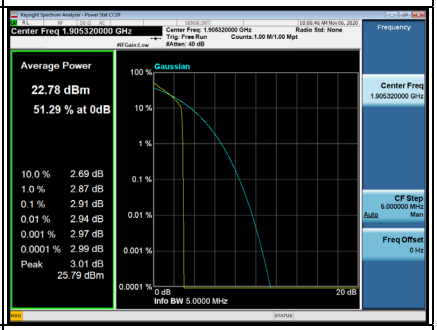
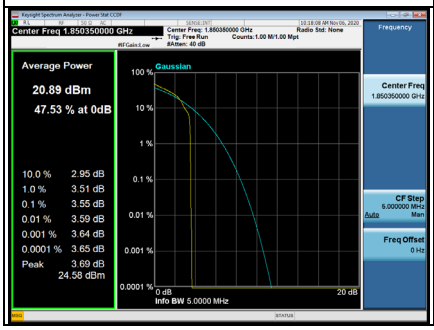
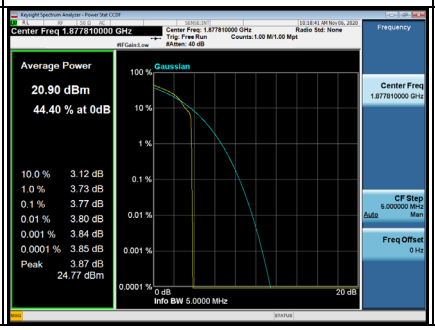
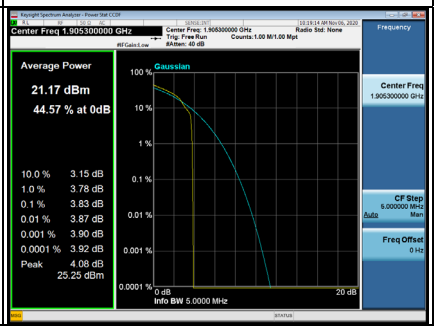
LTE Band 2_1.4MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
18607	1850.7	2.74	3.60	13	Pass
18900	1880	3.14	3.96	13	Pass
19193	1909.3	2.99	3.79	13	Pass

Spectrum Plot		
QPSK-18607	QPSK-18900	QPSK-19193
		
16QAM-18607	16QAM-18900	16QAM-19193
		

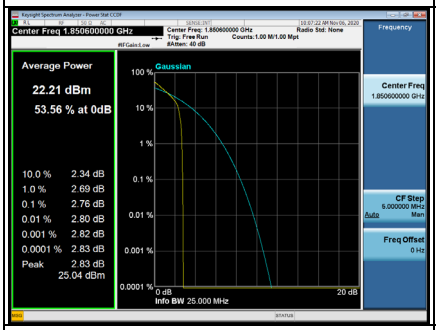
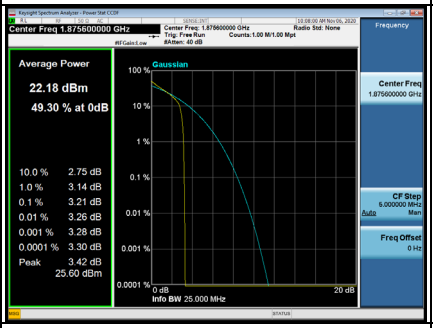
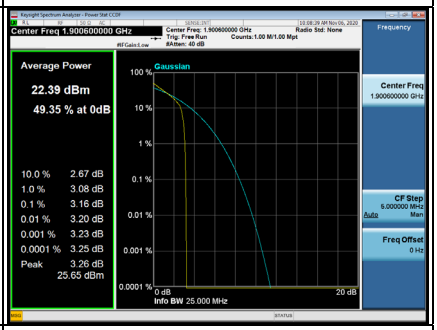
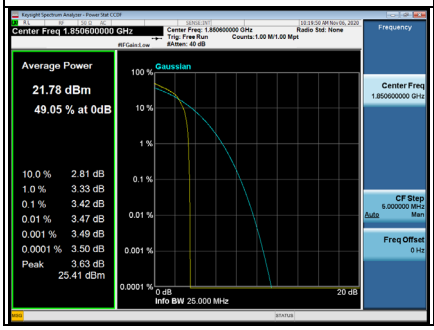
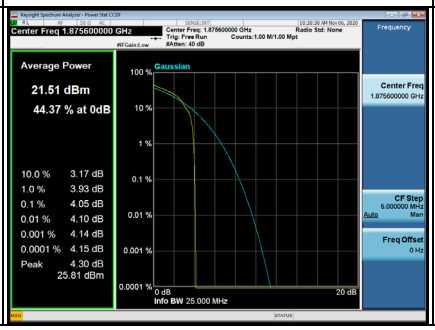
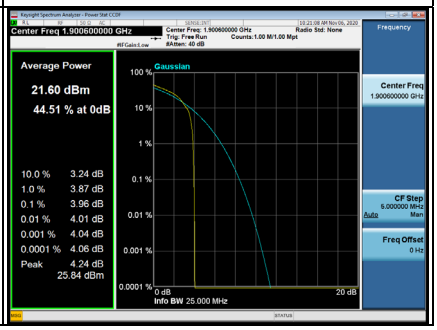
LTE Band 2_3MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
18615	1851.5	2.88	3.42	13	Pass
18900	1880	3.14	4.10	13	Pass
19185	1908.5	3.01	3.84	13	Pass

Spectrum Plot		
QPSK-18615	QPSK-18900	QPSK-19185
		
16QAM-18615	16QAM-18900	16QAM-19185
		

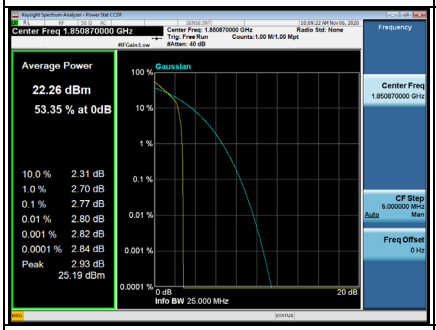
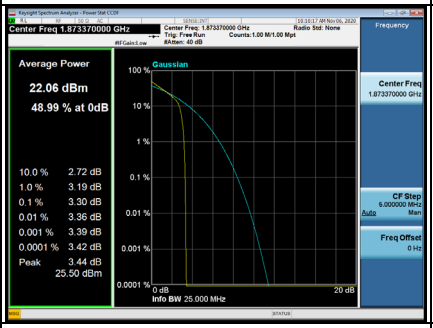
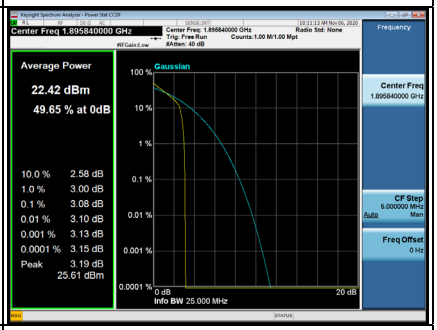
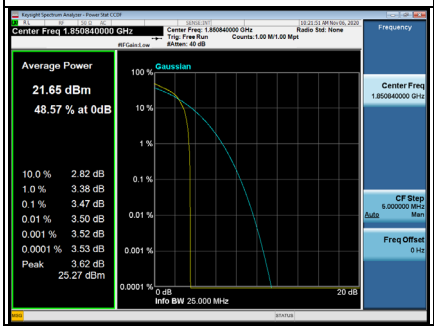
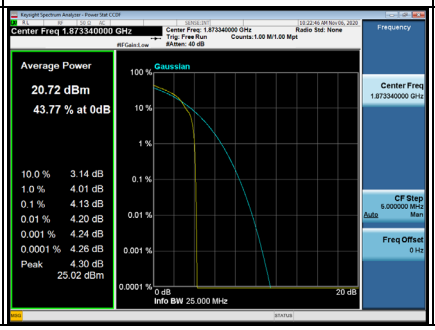
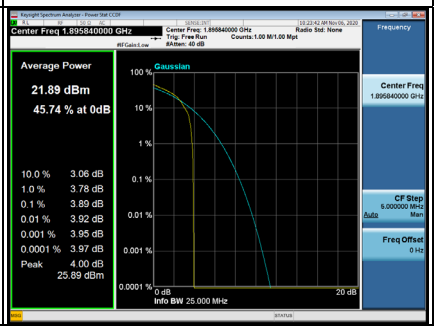
LTE Band 2_5MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
18625	1852.5	2.70	3.55	13	Pass
18900	1880	3.01	3.77	13	Pass
19175	1907.5	2.91	3.83	13	Pass

Spectrum Plot		
QPSK-18625	QPSK-18900	QPSK-19175
		
16QAM-18625	16QAM-18900	16QAM-19175
		

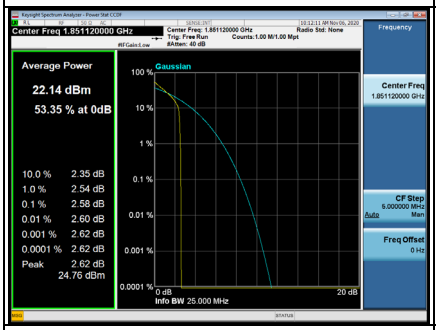
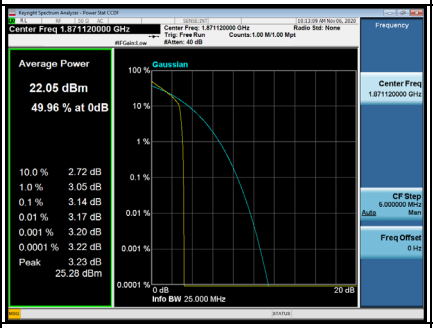
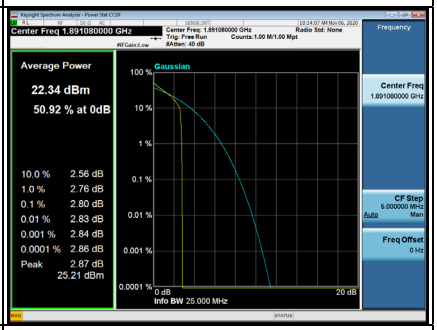
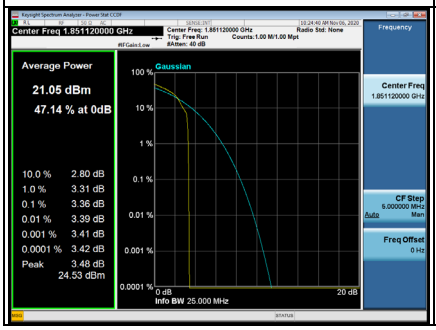
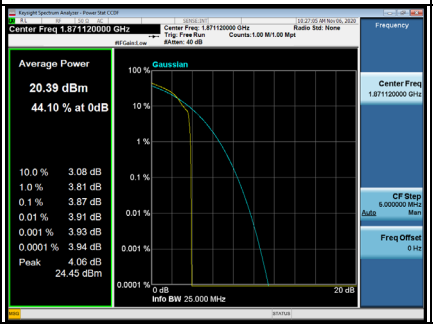
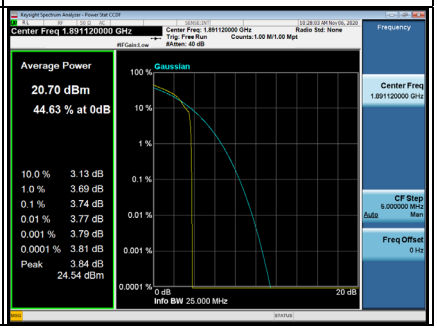
LTE Band 2_10MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
18650	1855	2.76	3.42	13	Pass
18900	1880	3.21	4.05	13	Pass
19150	1905	3.16	3.96	13	Pass

Spectrum Plot		
QPSK-18650	QPSK-18900	QPSK-19150
		
16QAM-18650	16QAM-18900	16QAM-19150
		

LTE Band 2_15MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
18675	1857.5	2.77	3.47	13	Pass
18900	1880	3.30	4.13	13	Pass
19125	1902.5	3.08	3.89	13	Pass

Spectrum Plot		
QPSK-18675	QPSK-18900	QPSK-19125
		
16QAM-18675	16QAM-18900	16QAM-19125
		

LTE Band 2_20MHz					
Channel	Frequency (MHz)	Peak To Average Ratio (dB)		Max. Limit (dB)	Result
		QPSK	16QAM		
18700	1860	2.58	3.36	13	Pass
18900	1880	3.14	3.87	13	Pass
19100	1900	2.80	3.74	13	Pass

Spectrum Plot		
QPSK-18700	QPSK-18900	QPSK-19100
		
16QAM-18700	16QAM-18900	16QAM-19100
		

APPENDIX I - FREQUENCY STABILITY

Test Mode	WCDMA Band II

Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:1850 Reference point -13dBm	High channel limit:1910 Reference point -13dBm	Record only
50	1850.040000	1909.930000	-36.6492147
40	1850.040000	1909.930000	-36.6492147
30	1850.040000	1909.930000	-36.6492147
20	1850.040000	1909.930000	-36.6492147
10	1850.040000	1909.930000	-36.6492147
0	1850.040000	1909.930000	-36.6492147
−10	1850.040000	1909.930000	-36.6492147
−20	1850.040000	1909.930000	-36.6492147
−30	1850.040000	1909.930000	-36.6492147
Minimum voltage	1850.040000	1909.930000	-36.6492147
Maximum voltage	1850.040000	1909.930000	-36.6492147
Nominal voltage	1850.040000	1909.930000	-36.6492147

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

Test Mode	LTE Band 2 _20MHz

Frequency error versus temperature and supply voltage			
Temperature (°C)	Frequency (MHz)		worst ppm
	Low channel limit:1850 Reference point -13dBm	High channel limit:1910 Reference point -13dBm	Record only
50	1850.080000	1909.900000	-52.3560209
40	1850.080000	1909.900000	-52.3560209
30	1850.080000	1909.900000	-52.3560209
20	1850.080000	1909.900000	-52.3560209
10	1850.080000	1909.900000	-52.3560209
0	1850.080000	1909.900000	-52.3560209
−10	1850.080000	1909.900000	-52.3560209
−20	1850.080000	1909.900000	-52.3560209
−30	1850.080000	1909.900000	-52.3560209
Minimum voltage	1850.080000	1909.900000	-52.3560209
Maximum voltage	1850.080000	1909.900000	-52.3560209
Nominal voltage	1850.080000	1909.900000	-52.3560209

Note: Nominal voltage= 3.8V, Maximum voltage= 4.35V, Minimum voltage= 3.5V.

End of Test Report