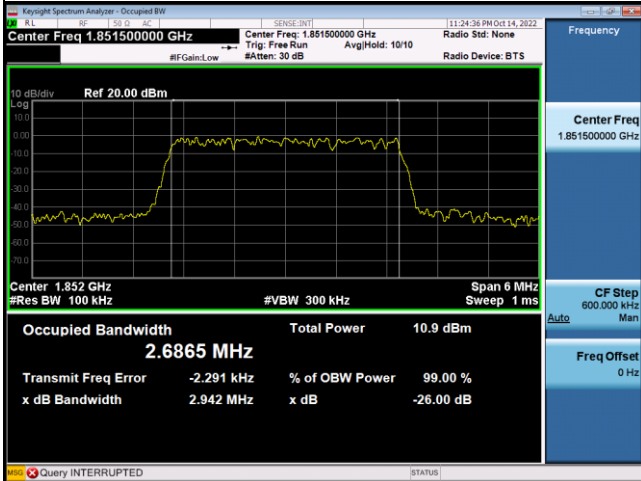
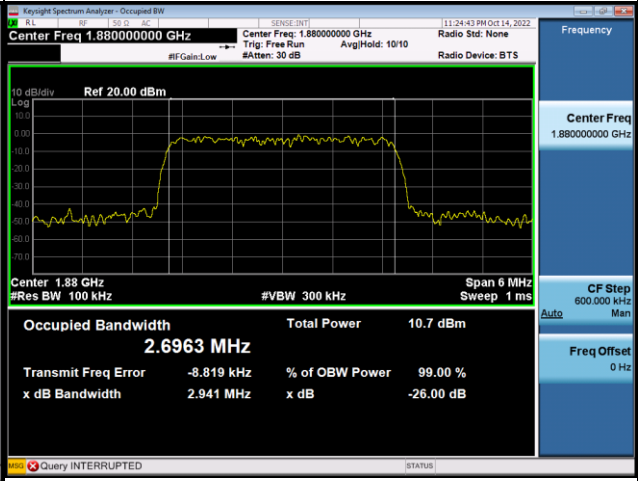


Spectrum Plot

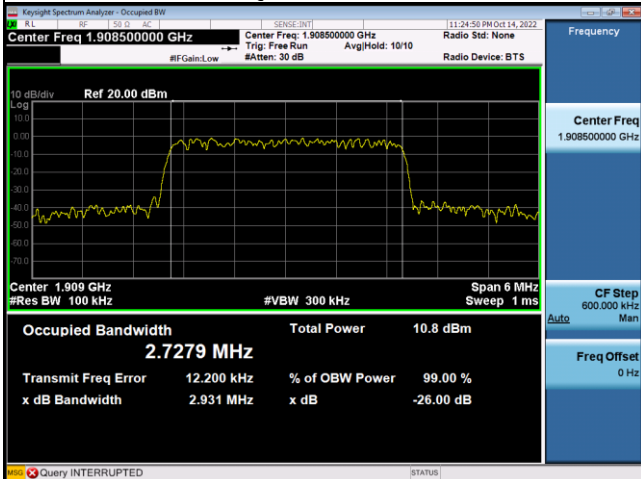
QPSK-18615



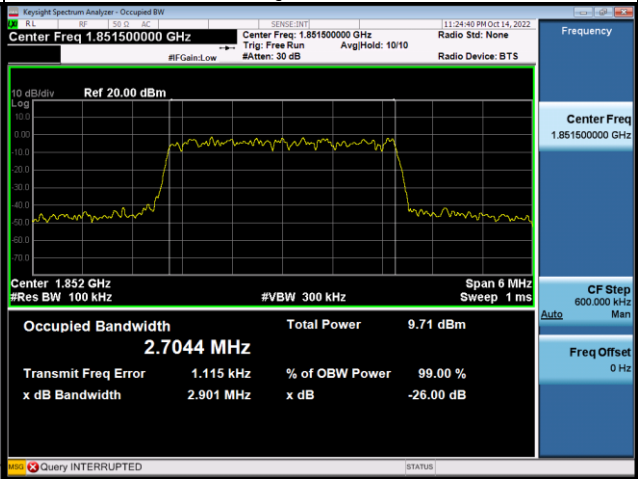
QPSK-18900



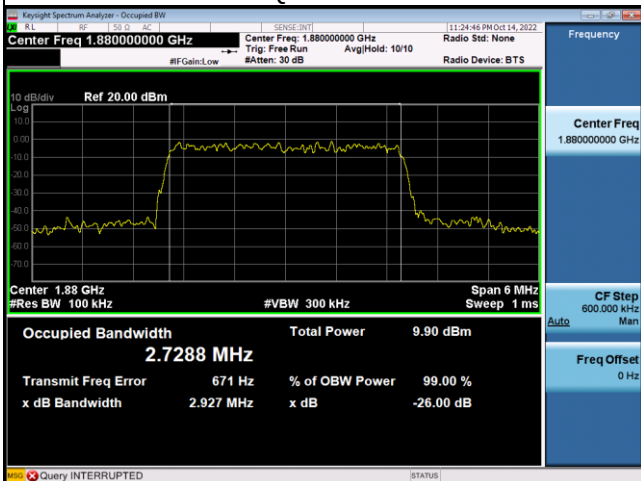
QPSK-19185



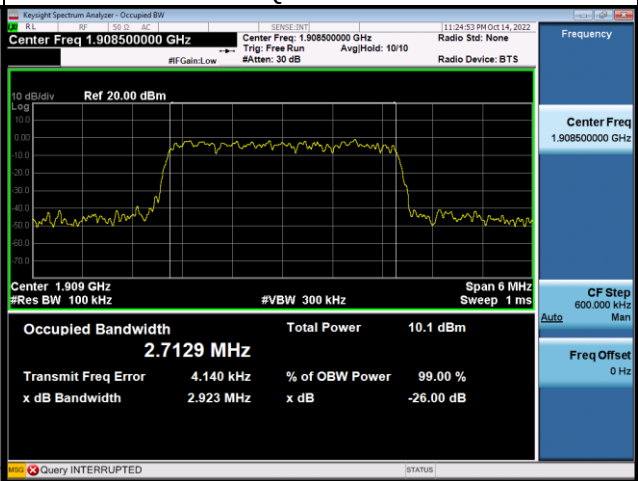
16QAM-18615



16QAM-18900



16QAM-19185

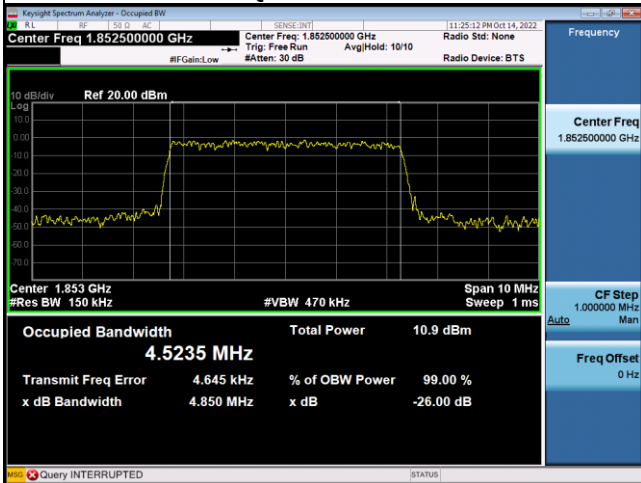




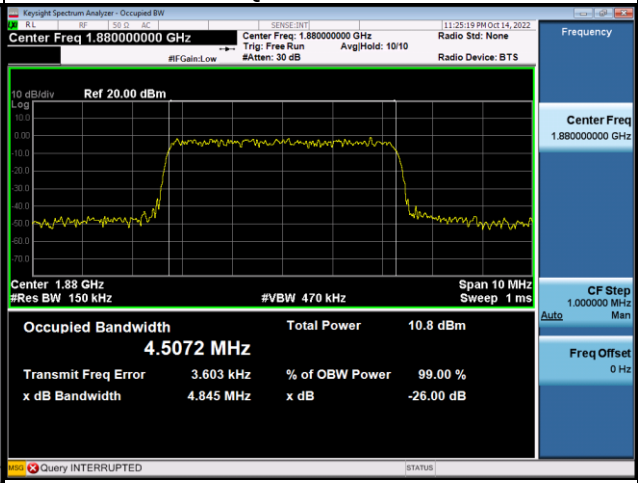
LTE Band 2_5M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18625	1852.5	4.5235	18625	1852.5	4.850
18900	1880	4.5072	18900	1880	4.845
19175	1907.5	4.5077	19175	1907.5	4.871
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18625	1852.5	4.5041	18625	1852.5	4.800
18900	1880	4.5159	18900	1880	4.872
19175	1907.5	4.5145	19175	1907.5	4.838
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18625	1852.5	4.5048	18625	1852.5	4.831
18900	1880	4.5194	18900	1880	4.824
19175	1907.5	4.5267	19175	1907.5	4.812

Spectrum Plot

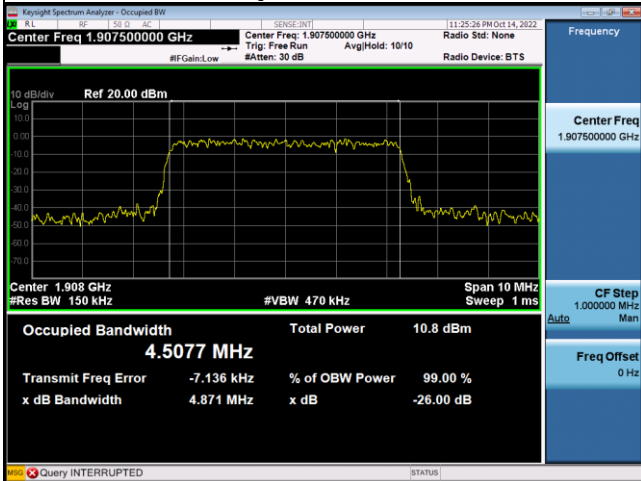
QPSK-18625



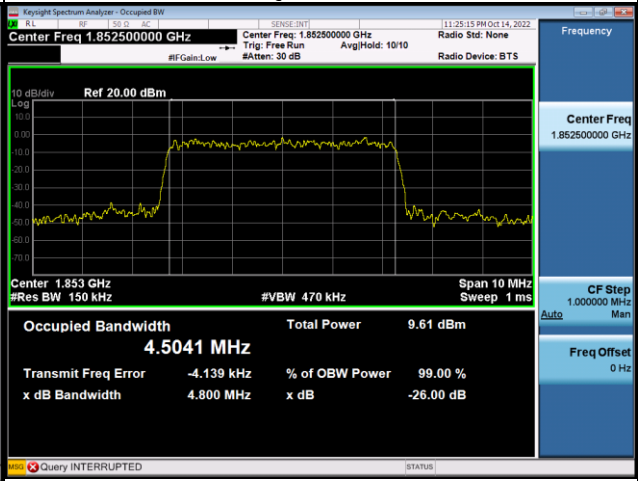
QPSK-18900



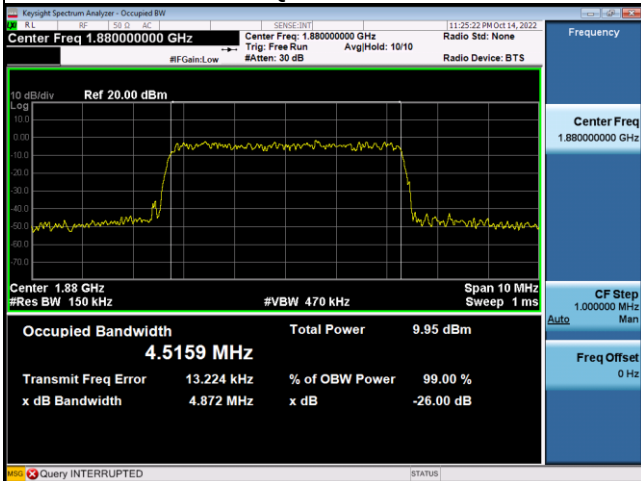
QPSK-19175



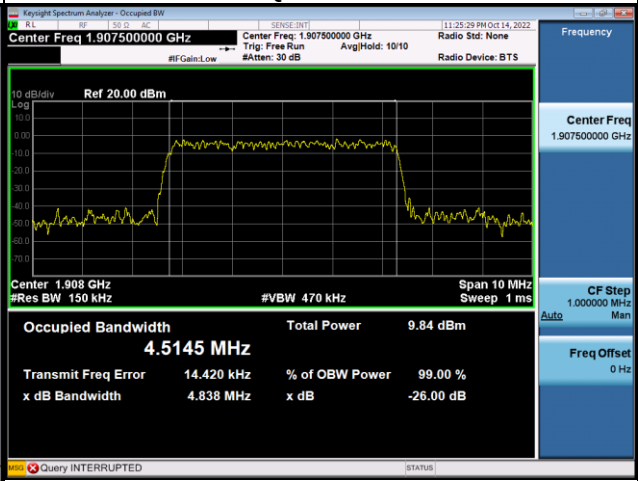
16QAM-18625



16QAM-18900



16QAM-19175

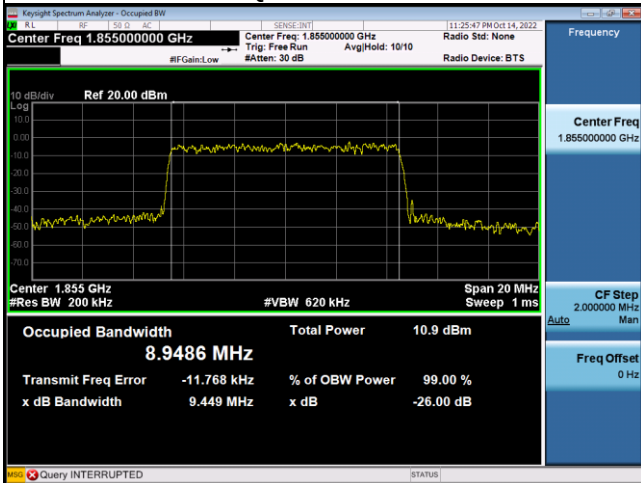




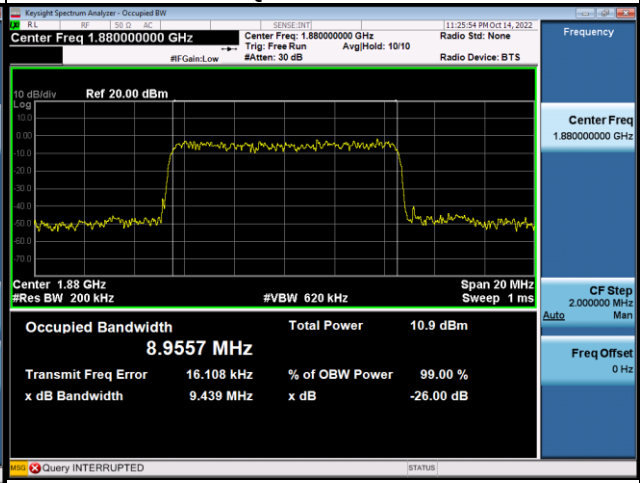
LTE Band 2_10M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18650	1855	8.9486	18650	1855	9.449
18900	1880	8.9557	18900	1880	9.439
19150	1905	9.0117	19150	1905	9.479
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18650	1855	8.9136	18650	1855	9.465
18900	1880	8.9457	18900	1880	9.424
19150	1905	8.9887	19150	1905	9.454
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18650	1855	9.0242	18650	1855	9.470
18900	1880	9.0009	18900	1880	9.433
19150	1905	8.9966	19150	1905	9.472

Spectrum Plot

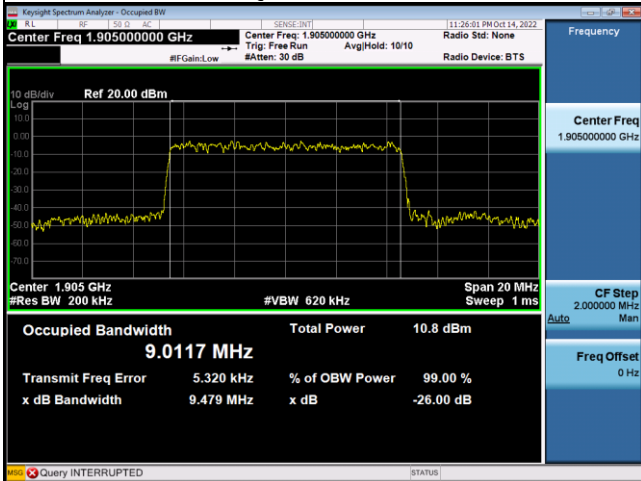
QPSK-18650



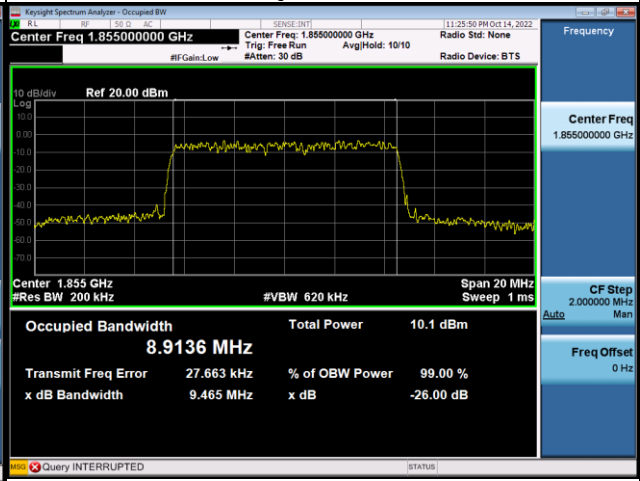
QPSK-18900



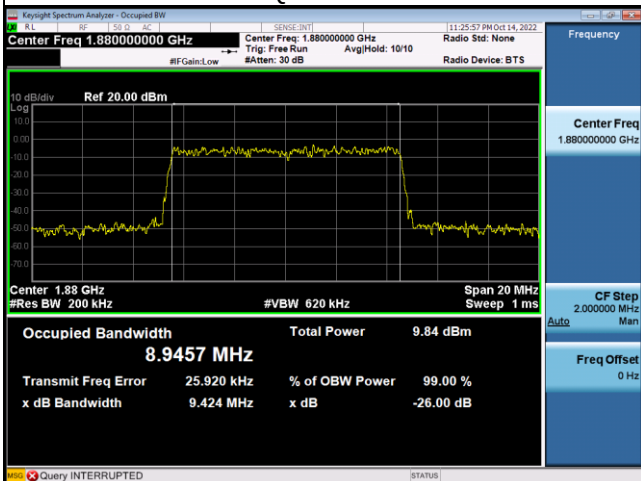
QPSK-19150



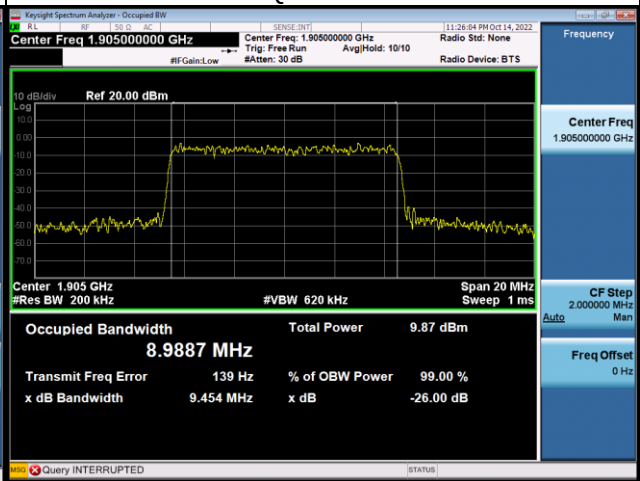
16QAM-18650



16QAM-18900



16QAM-19150

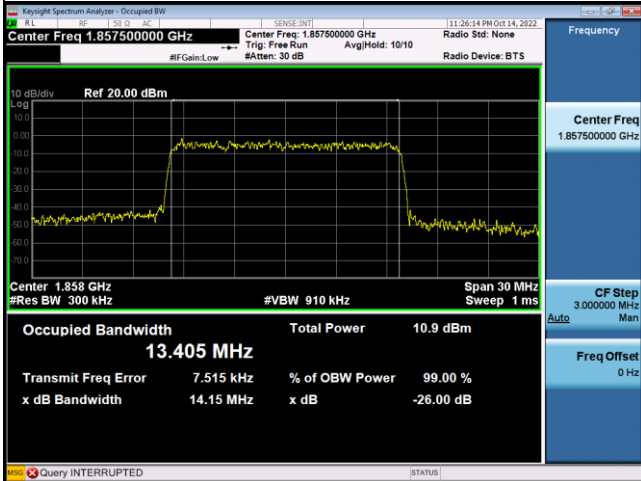




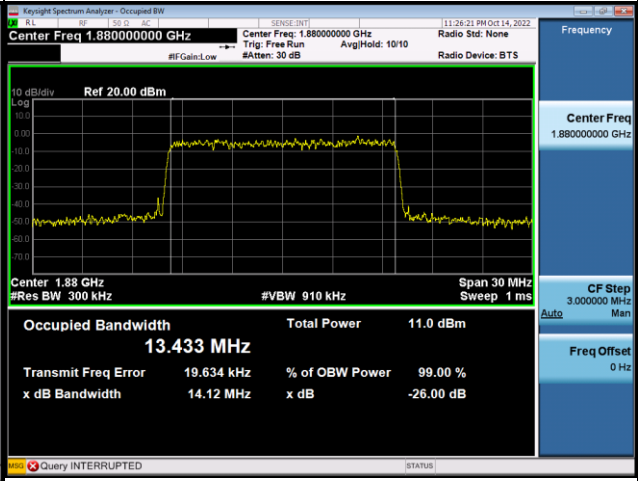
LTE Band 2_15M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18675	1857.5	13.405	18675	1857.5	14.15
18900	1880	13.433	18900	1880	14.12
19125	1902.5	13.534	19125	1902.5	14.23
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18675	1857.5	13.353	18675	1857.5	14.22
18900	1880	13.455	18900	1880	14.18
19125	1902.5	13.392	19125	1902.5	14.13
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18675	1857.5	13.419	18675	1857.5	14.12
18900	1880	13.466	18900	1880	14.14
19125	1902.5	13.421	19125	1902.5	14.15

Spectrum Plot

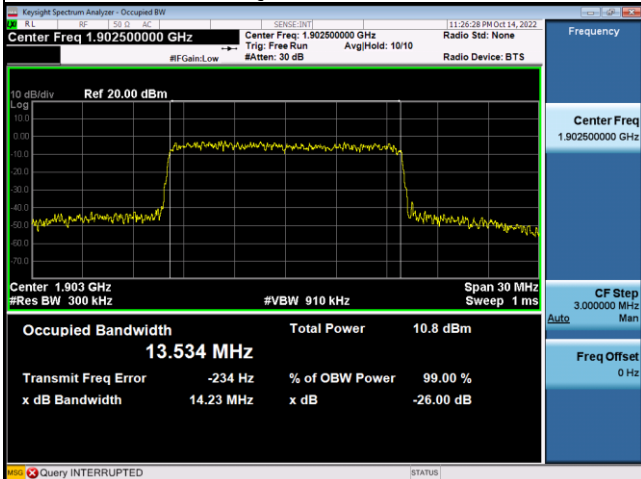
QPSK-18675



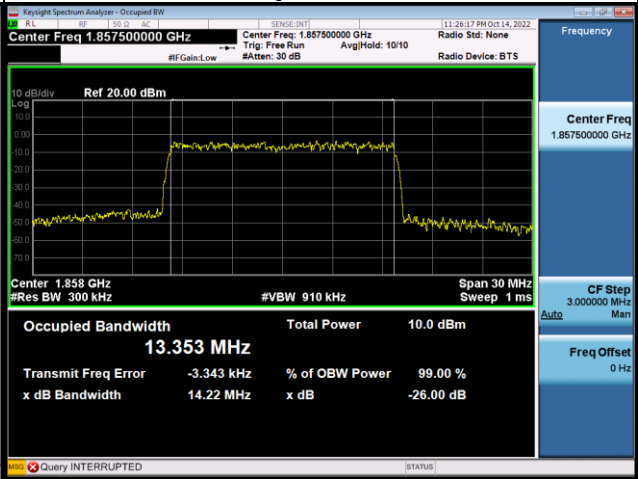
QPSK-18900



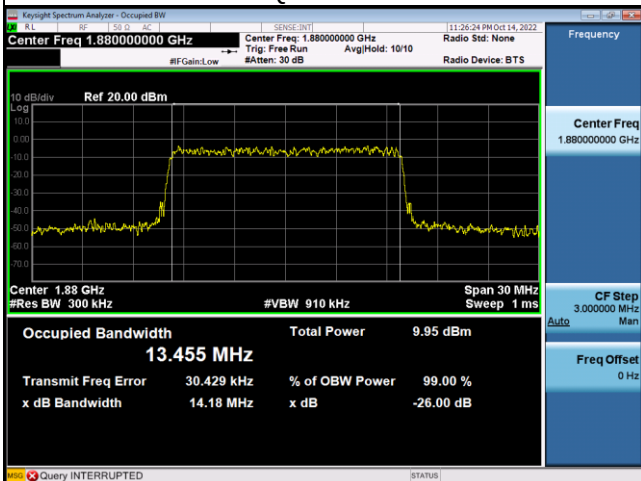
QPSK-19125



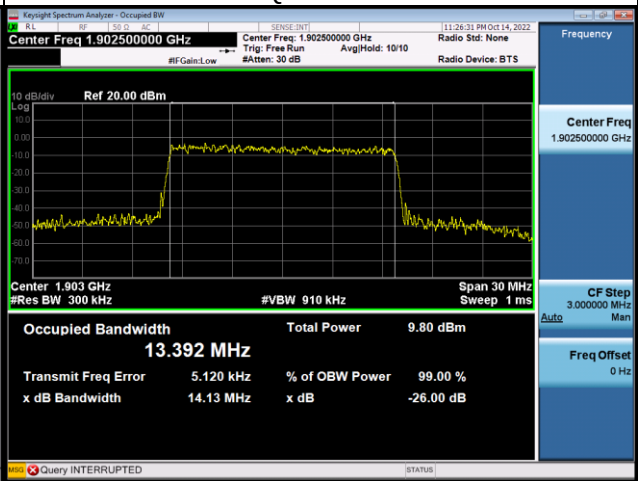
16QAM-18675



16QAM-18900



16QAM-19125

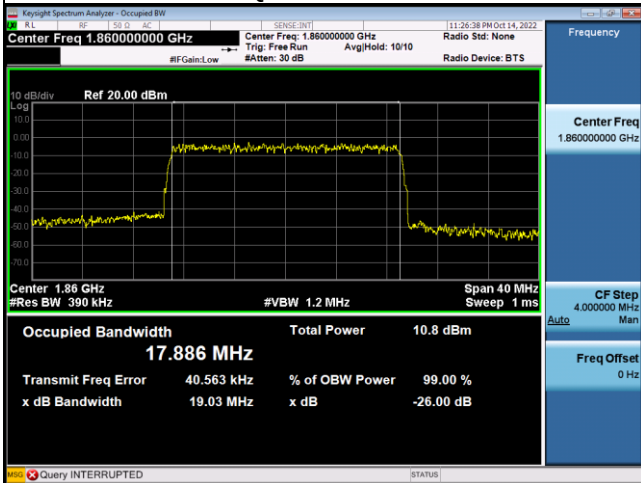




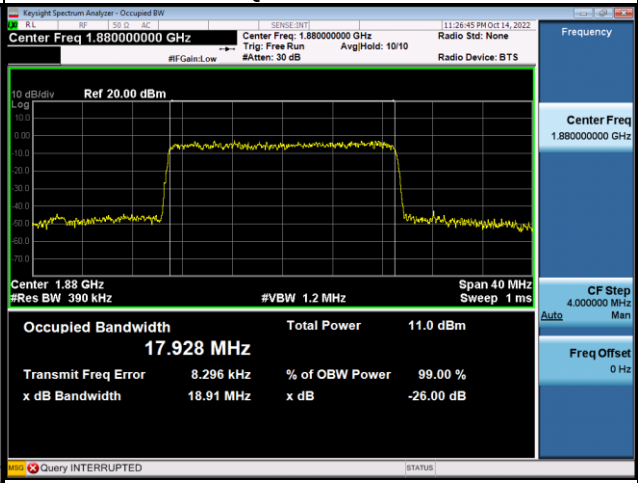
LTE Band 2_20M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18700	1860	17.886	18700	1860	19.03
18900	1880	17.928	18900	1880	18.91
19100	1900	17.937	19100	1900	18.84
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18700	1860	17.828	18700	1860	18.80
18900	1880	17.859	18900	1880	18.83
19100	1900	17.871	19100	1900	18.83
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18700	1860	17.821	18700	1860	18.81
18900	1880	17.928	18900	1880	18.85
19100	1900	17.933	19100	1900	18.85

Spectrum Plot

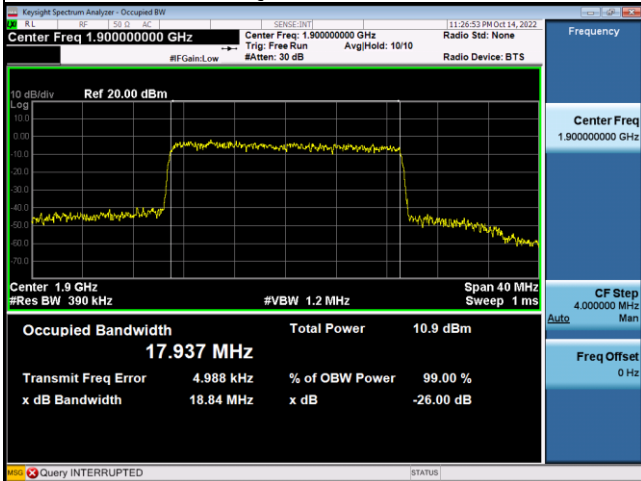
QPSK-18700



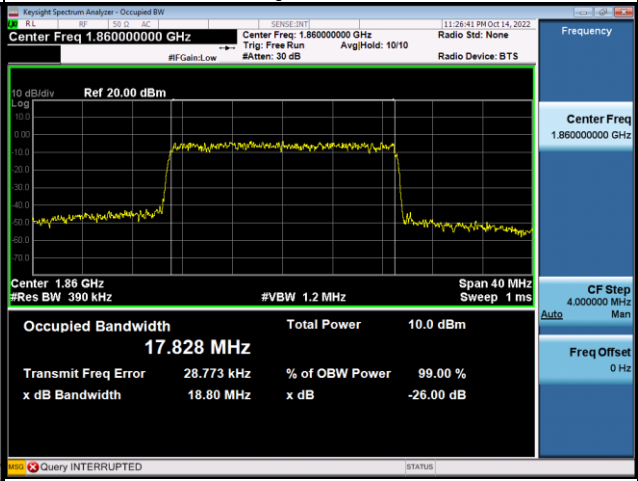
QPSK-18900



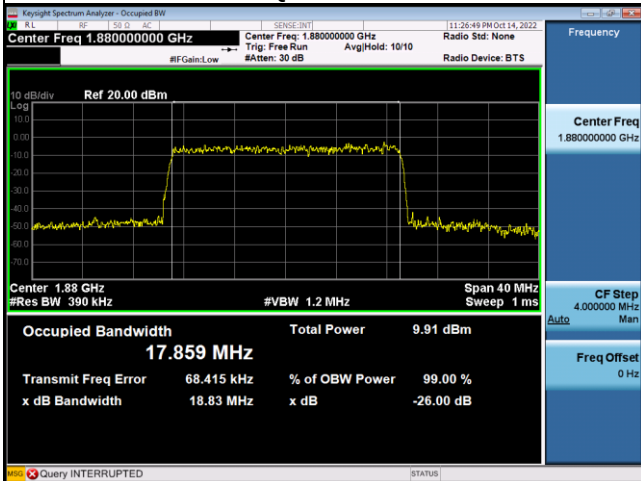
QPSK-19100



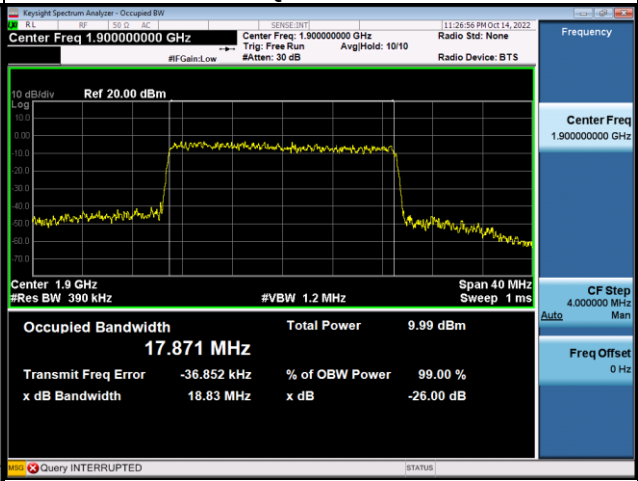
16QAM-18700

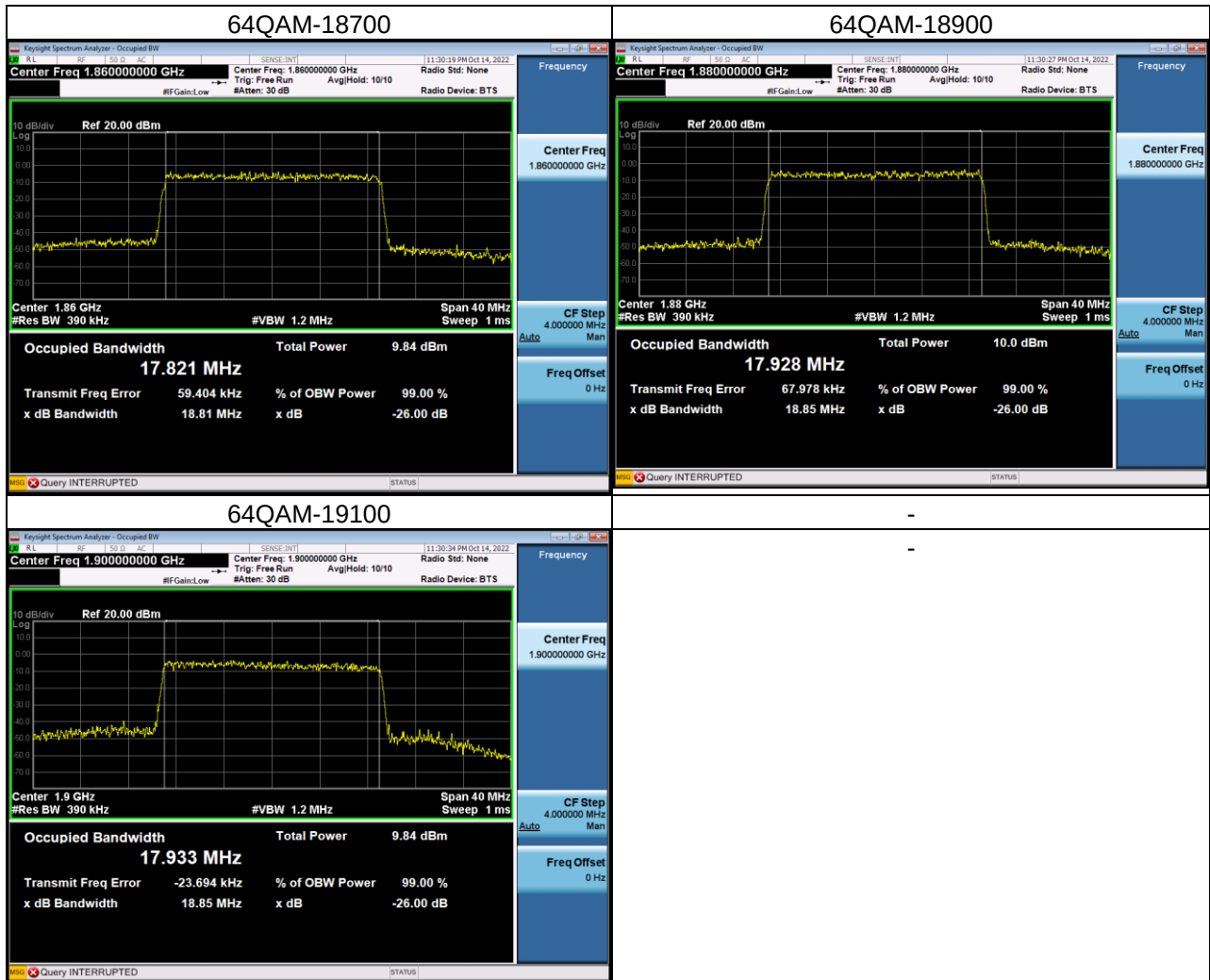


16QAM-18900

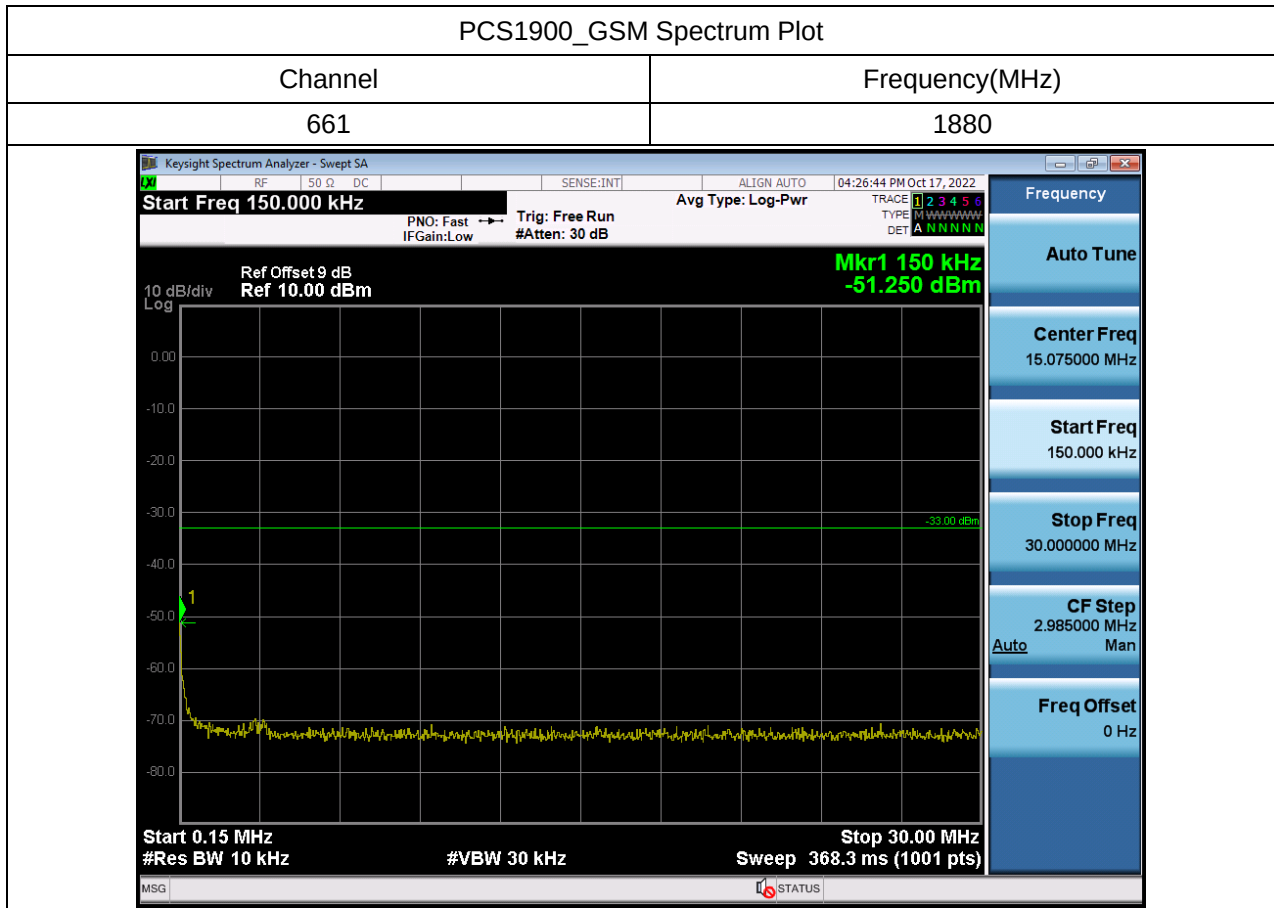


16QAM-19100





APPENDIX C CONDUCTED SPURIOUS EMISSION



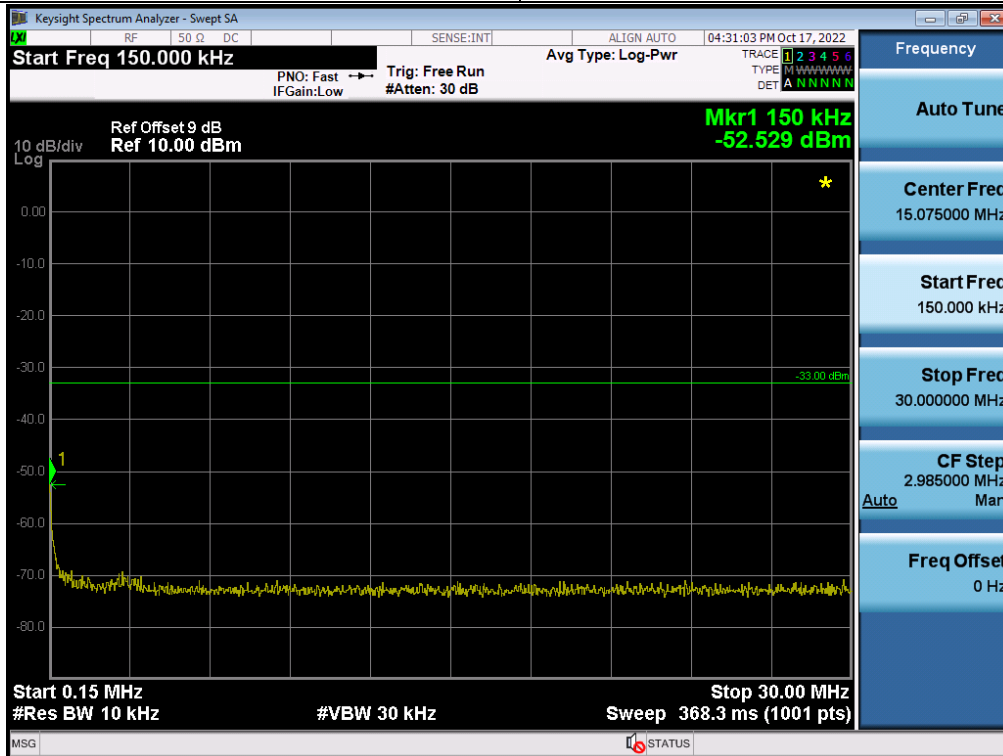
PCS1900_EDGE Spectrum Plot

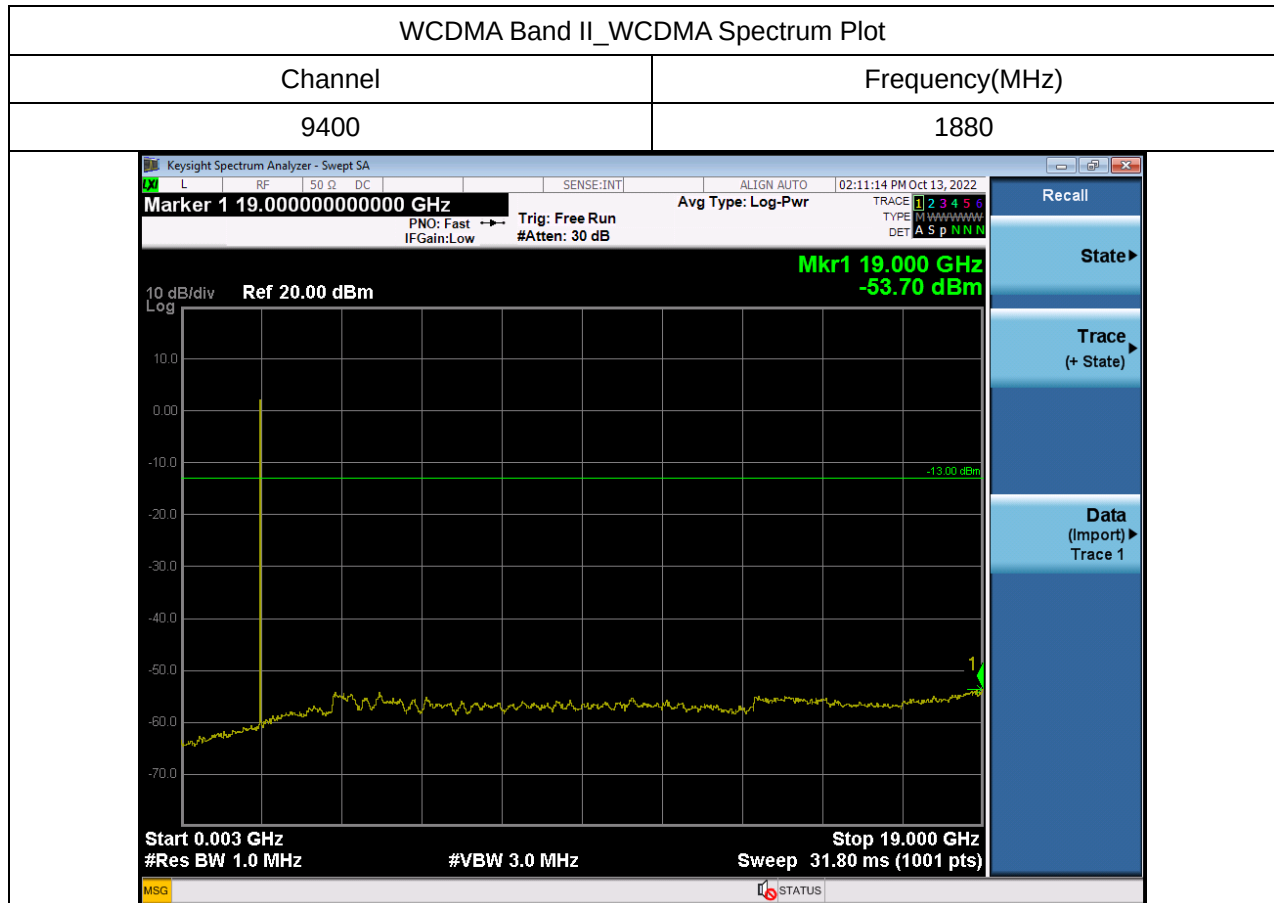
Channel

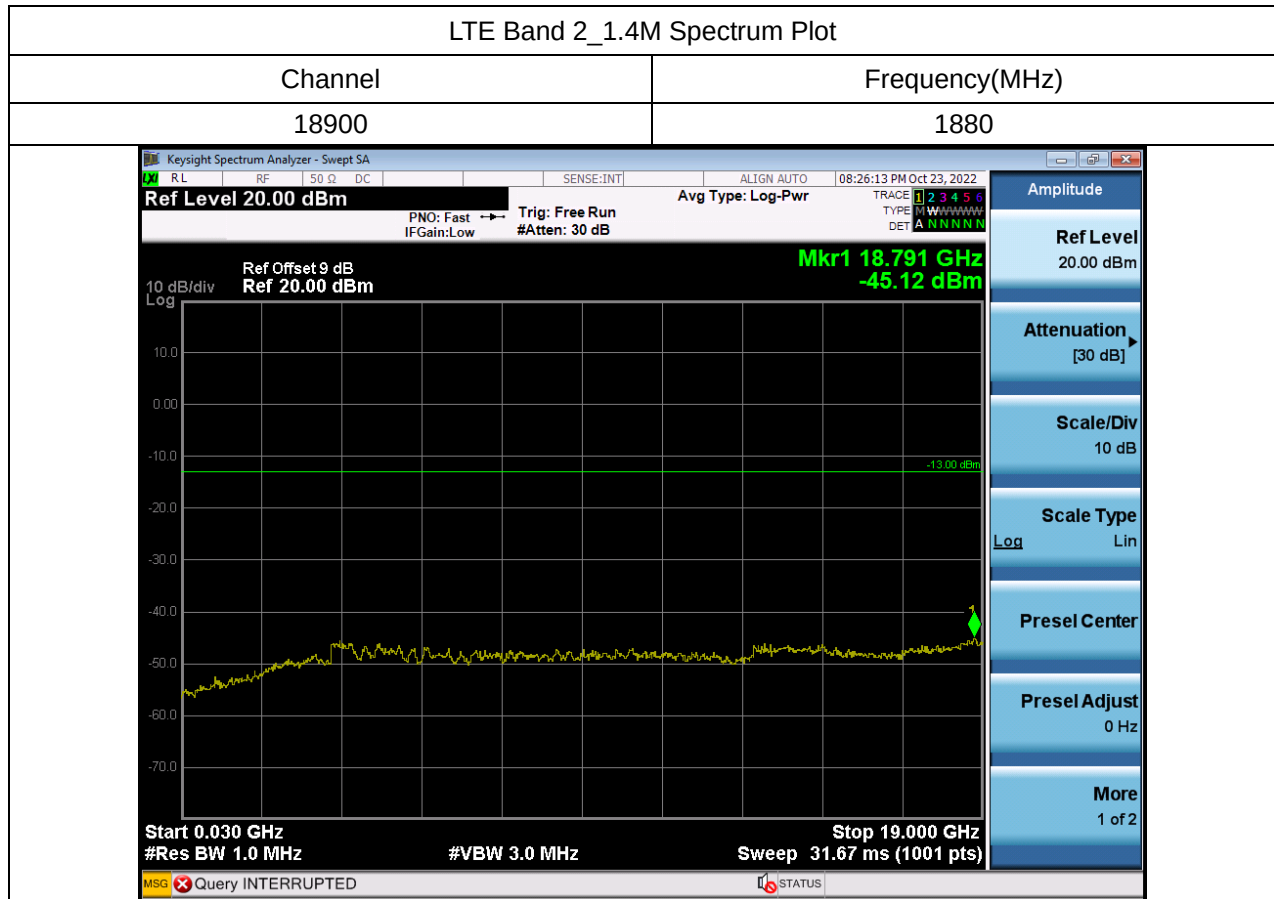
661

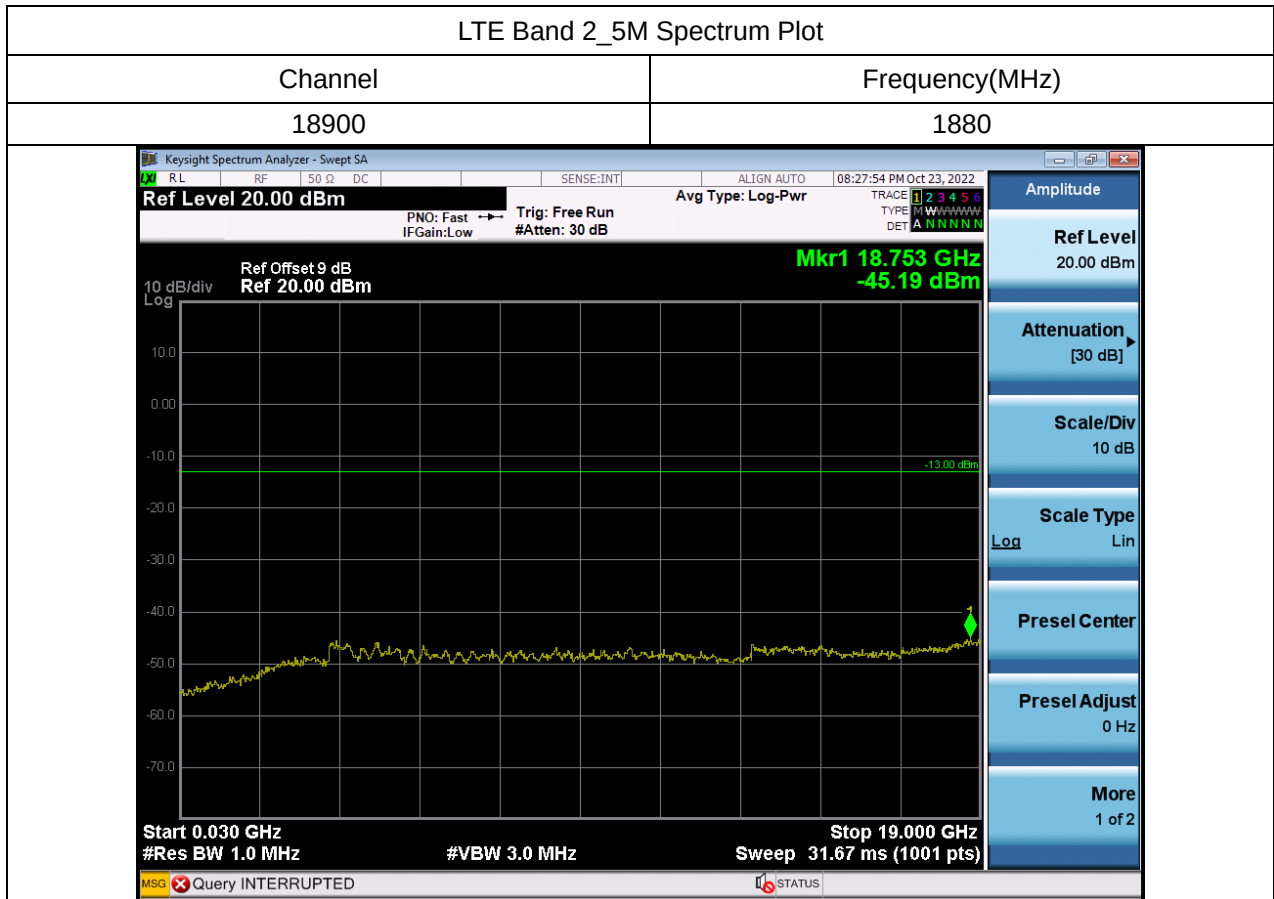
Frequency(MHz)

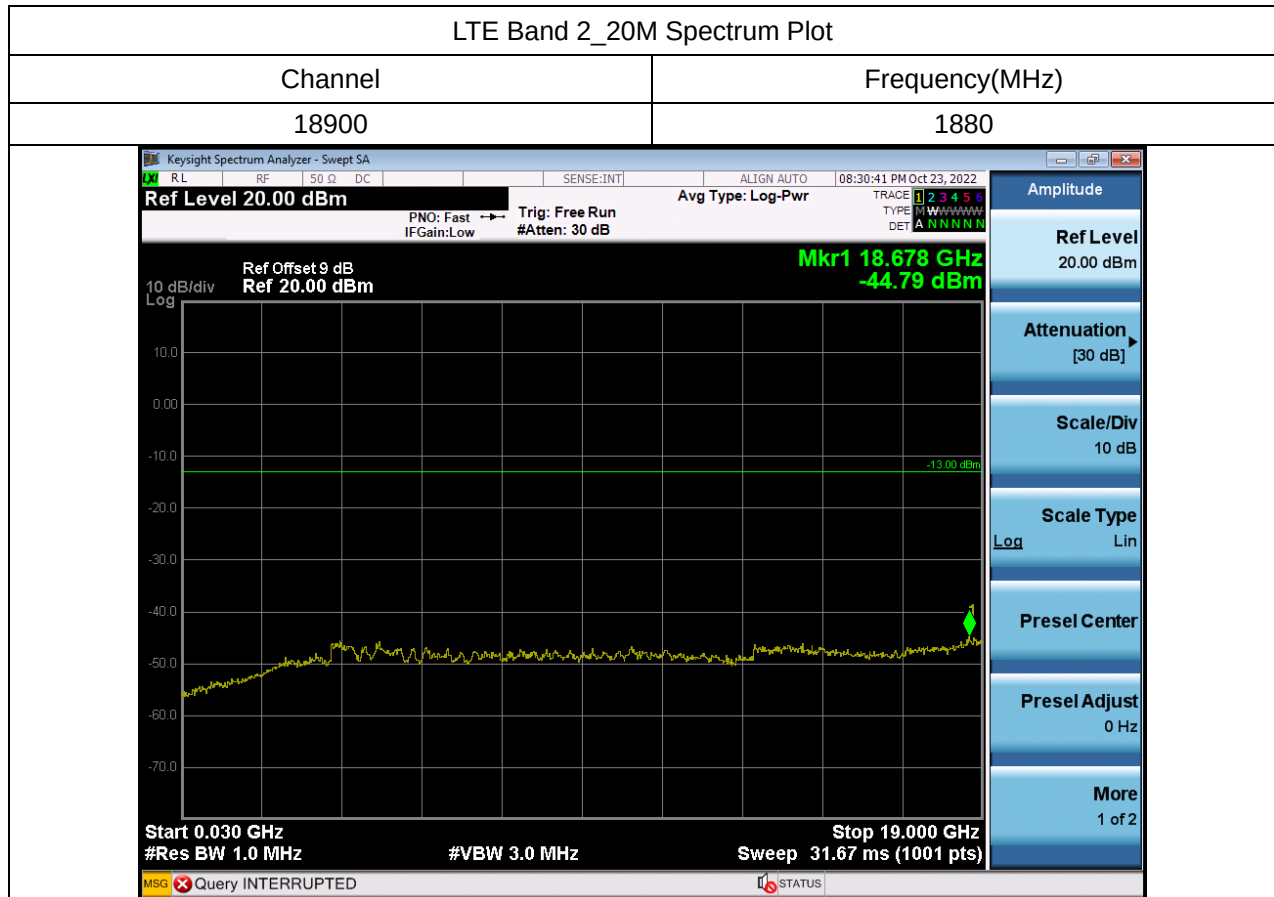
1880





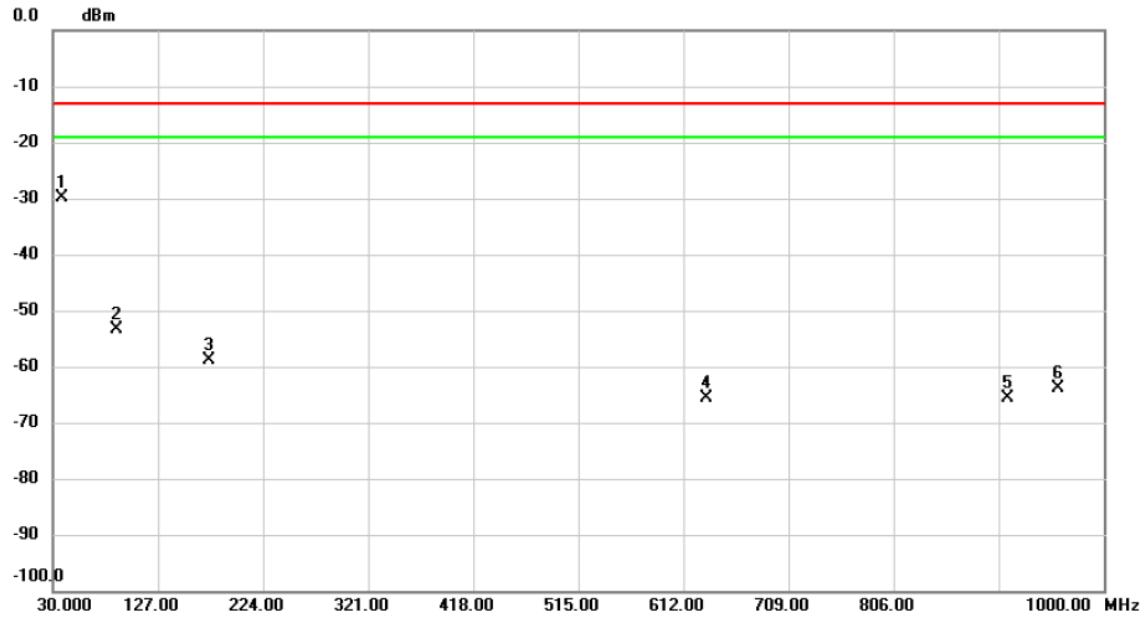






APPENDIX D RADIATED SPURIOUS EMISSIONS

Test Mode	PCS 1900	Test Date	2022/10/19
Test Channel	CH661	Polarization	Vertical
Temp	23°C	Hum.	59%

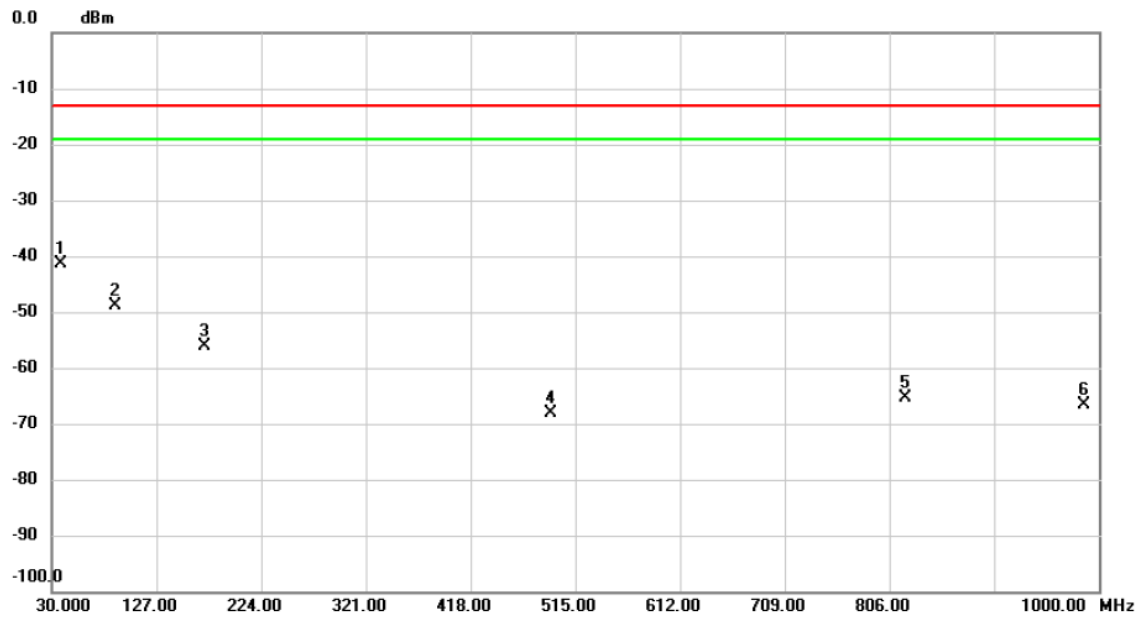


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	37.9216	-52.76	22.84	-29.92	-13.00	-16.92	peak	
2		88.6527	-70.81	17.38	-53.43	-13.00	-40.43	peak	
3		173.7216	-74.71	15.90	-58.81	-13.00	-45.81	peak	
4		632.7580	-75.72	10.17	-65.55	-13.00	-52.55	peak	
5		911.5360	-76.68	11.09	-65.59	-13.00	-52.59	peak	
6		957.5787	-75.60	11.61	-63.99	-13.00	-50.99	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

Test Mode	PCS 1900	Test Date	2022/10/19
Test Channel	CH661	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	38.2450	-66.21	24.74	-41.47	-13.00	-28.47	peak	
2		88.4910	-64.31	15.39	-48.92	-13.00	-35.92	peak	
3		171.1350	-69.01	12.86	-56.15	-13.00	-43.15	peak	
4		492.1403	-75.36	7.32	-68.04	-13.00	-55.04	peak	
5		820.3237	-75.52	10.06	-65.46	-13.00	-52.46	peak	
6		986.8080	-76.98	10.24	-66.74	-13.00	-53.74	peak	

REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.