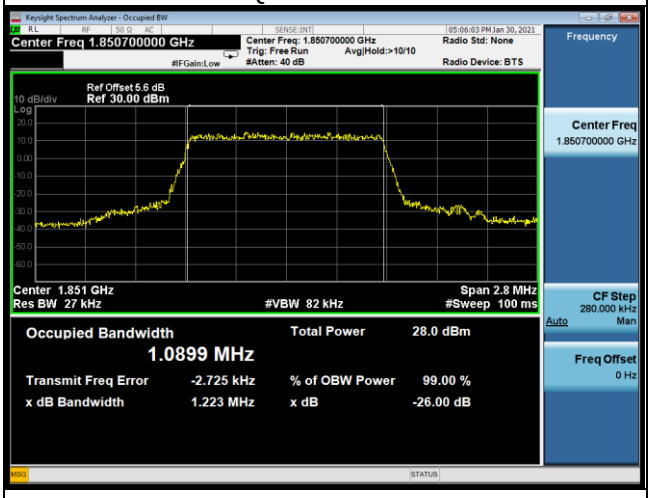
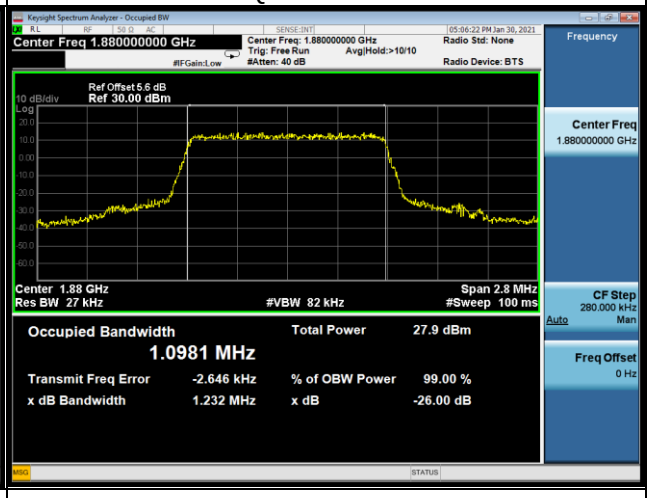
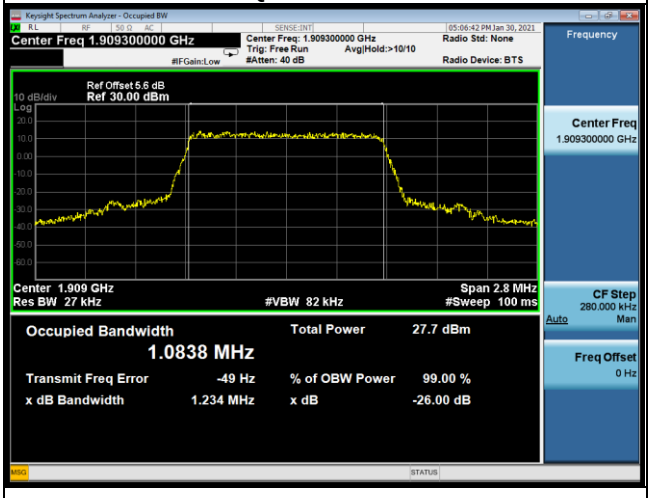
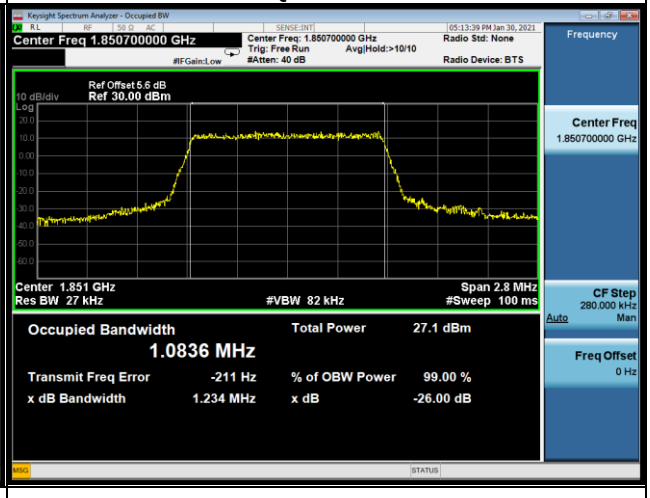
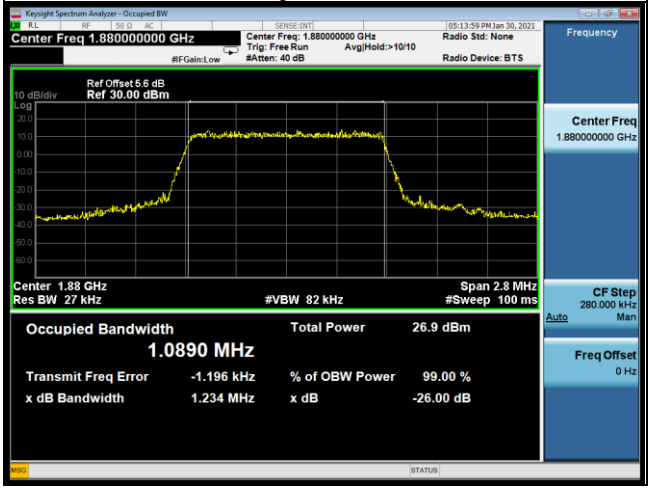
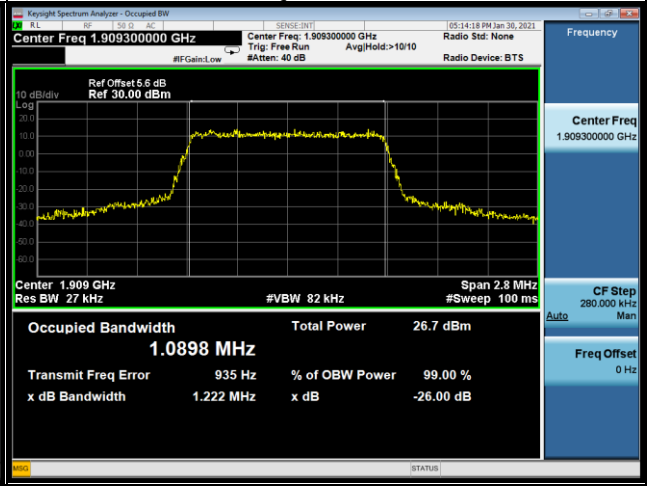
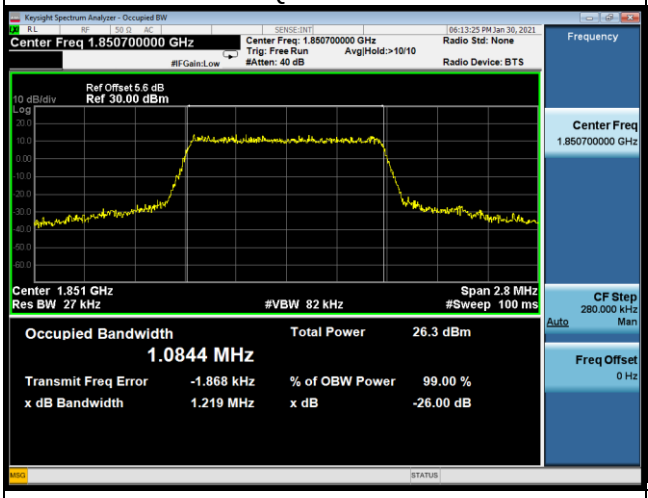
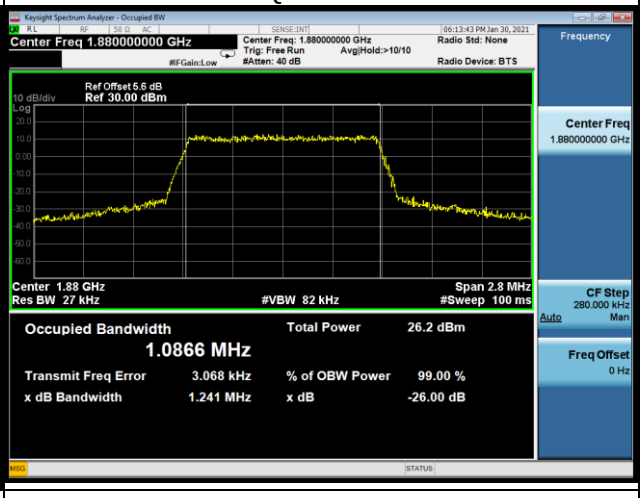
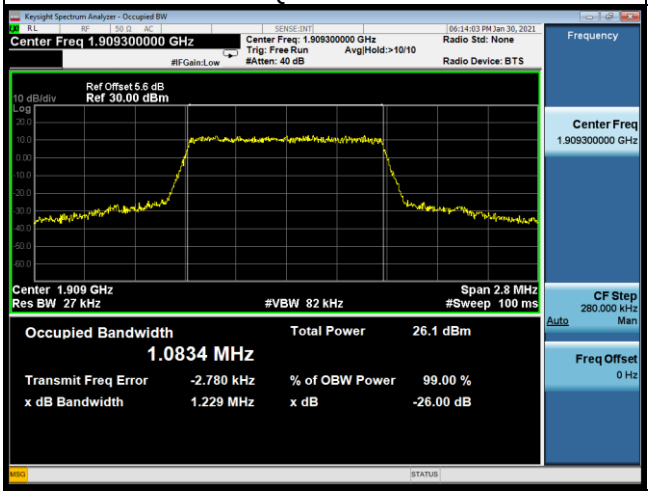
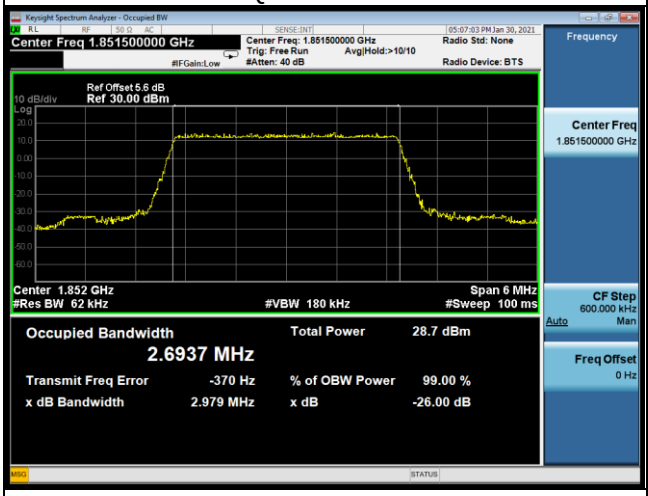
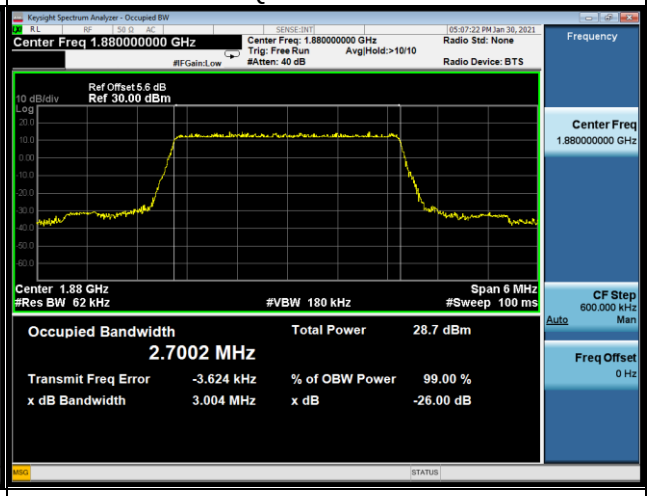
Spectrum Plot	
QPSK-18607	QPSK-18900
	
QPSK-19193	16QAM-18607
	
16QAM-18900	16QAM-19193
	

Spectrum Plot	
64QAM-18607	64QAM-18900
	
64QAM-19193	-
	-

LTE Band 2_3M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18615	1851.5	2.6937	18615	1851.5	2.979
18900	1880	2.7002	18900	1880	3.004
19185	1908.5	2.7029	19185	1908.5	2.993
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18615	1851.5	2.6993	18615	1851.5	3.001
18900	1880	2.7026	18900	1880	2.991
19185	1908.5	2.6908	19185	1908.5	3.000
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18615	1851.5	2.7001	18615	1851.5	2.984
18900	1880	2.7026	18900	1880	2.979
19185	1908.5	2.6975	19185	1908.5	2.999

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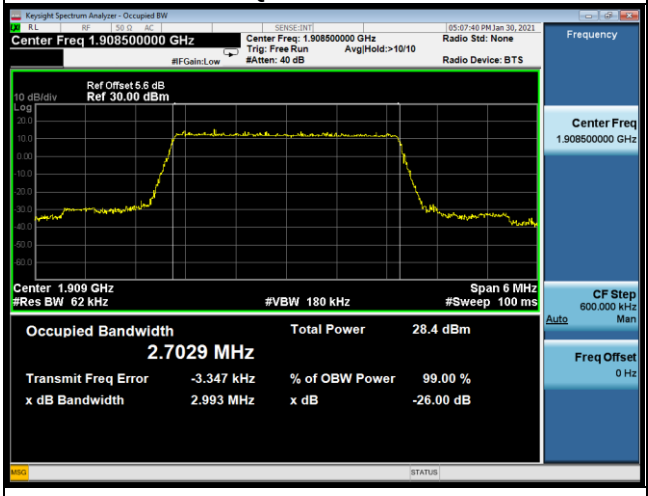
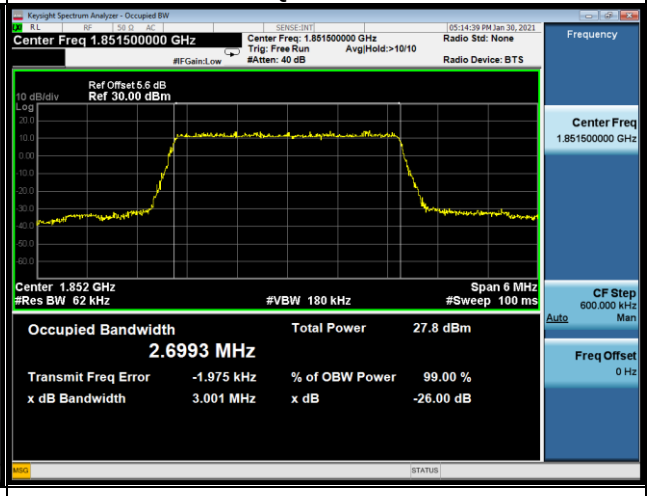
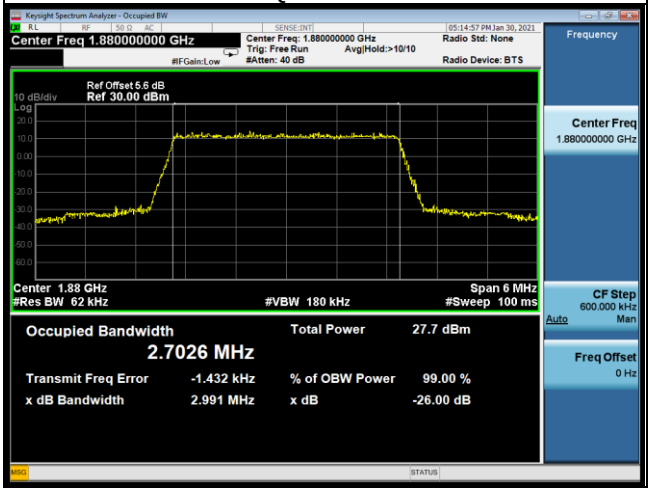
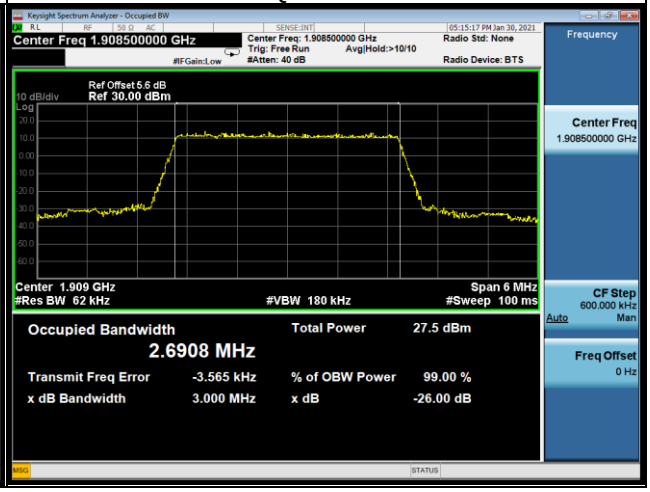
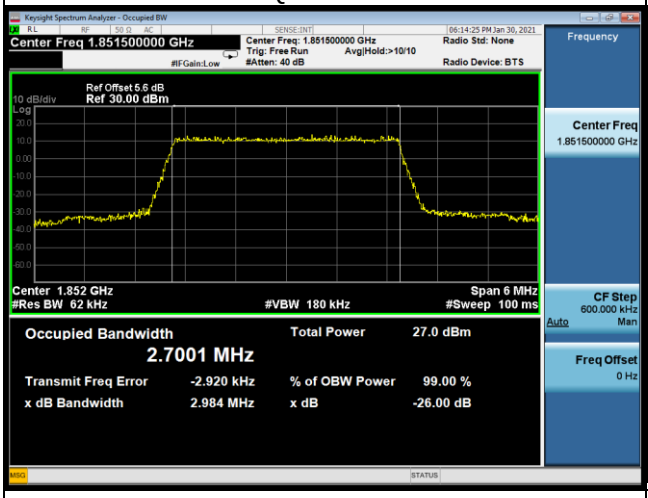
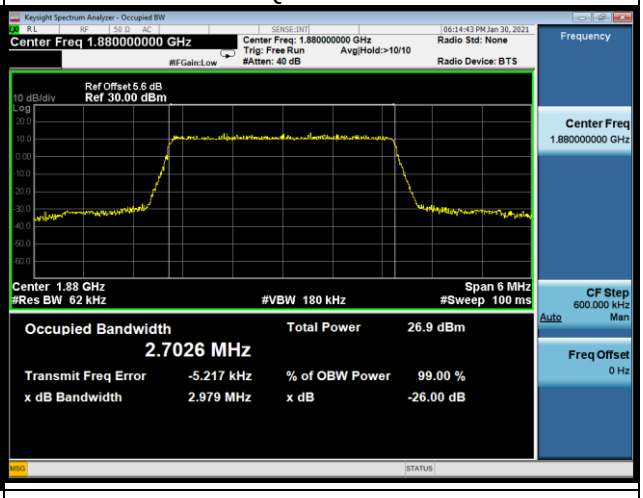
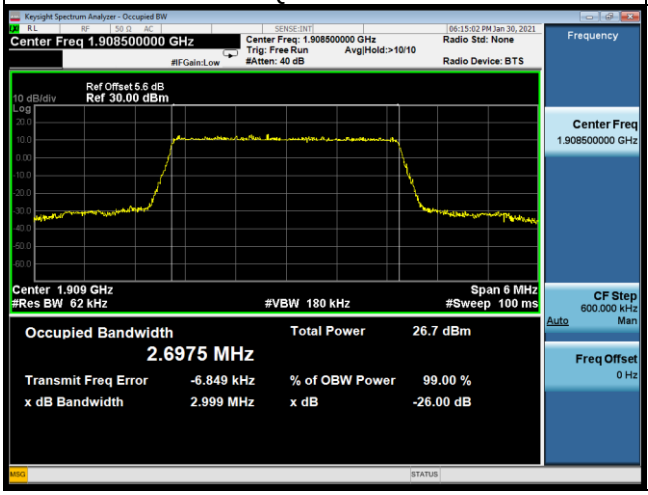
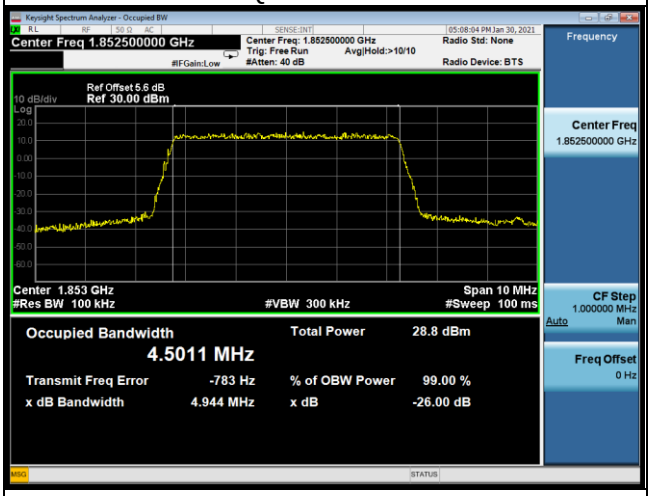
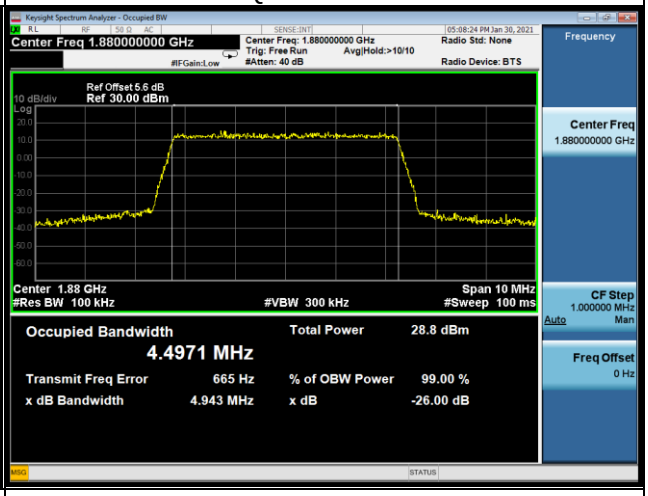
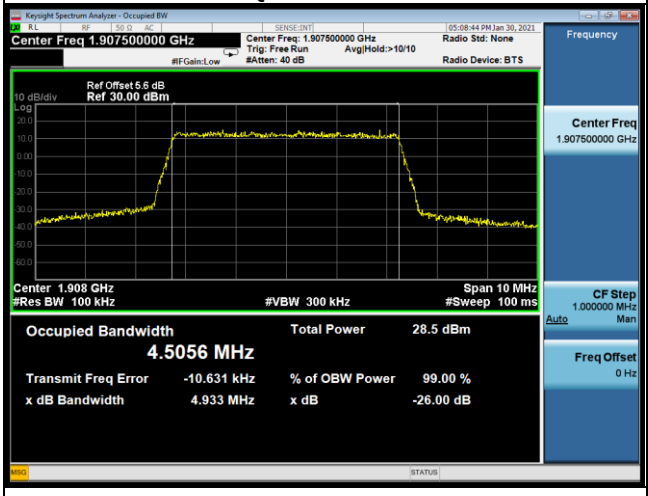
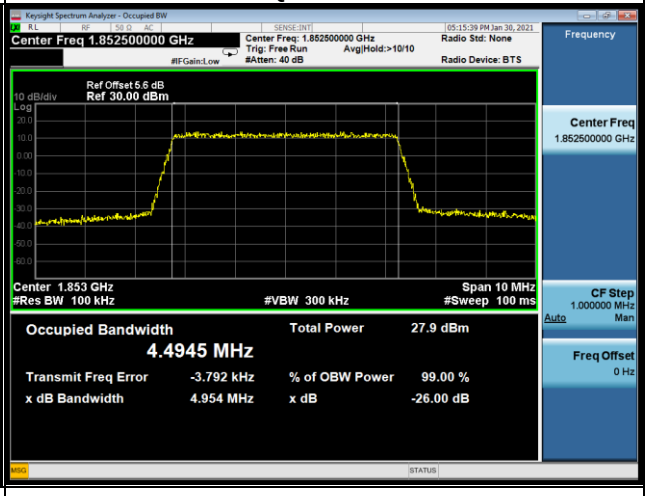
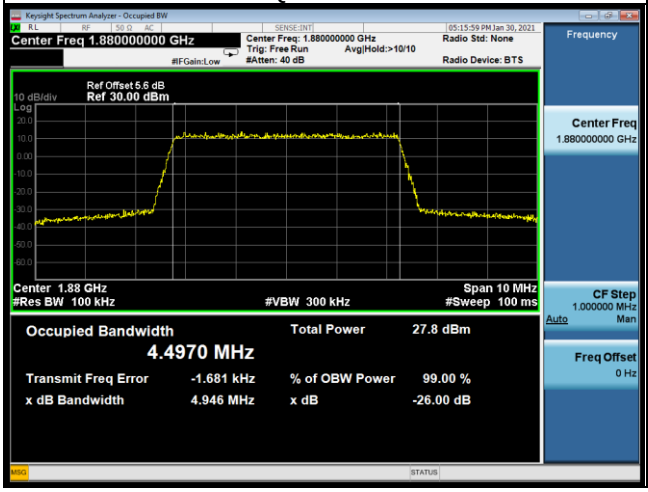
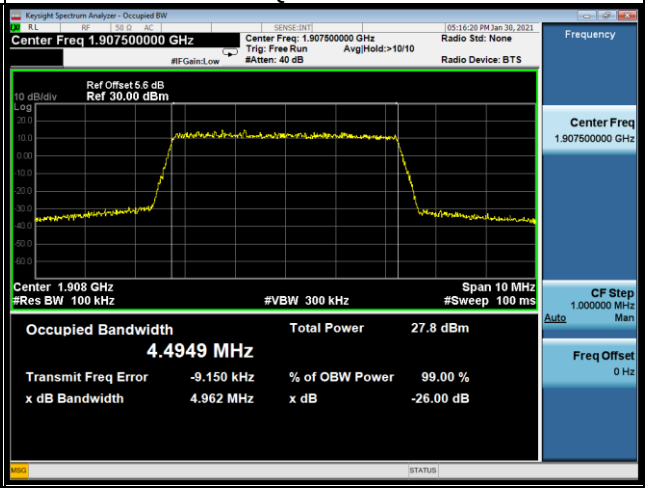
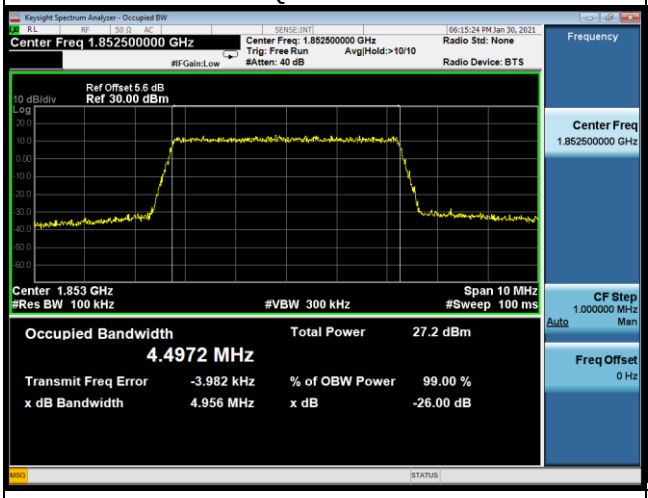
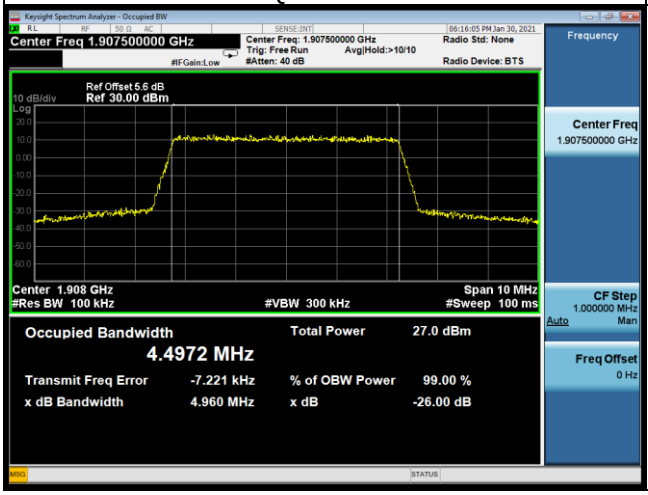
	
16QAM-18900	16QAM-19185
	

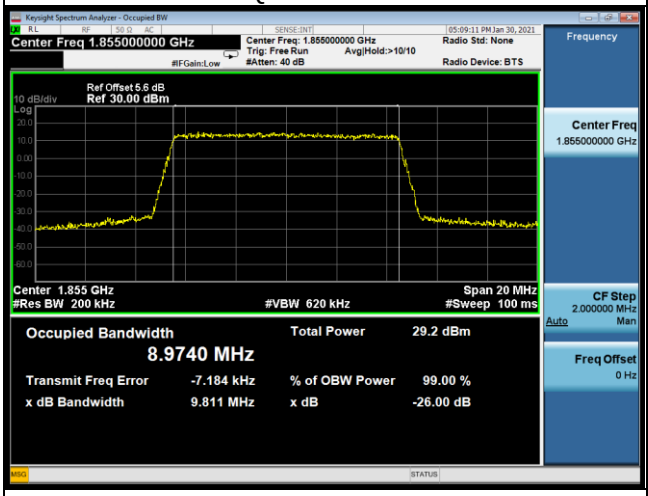
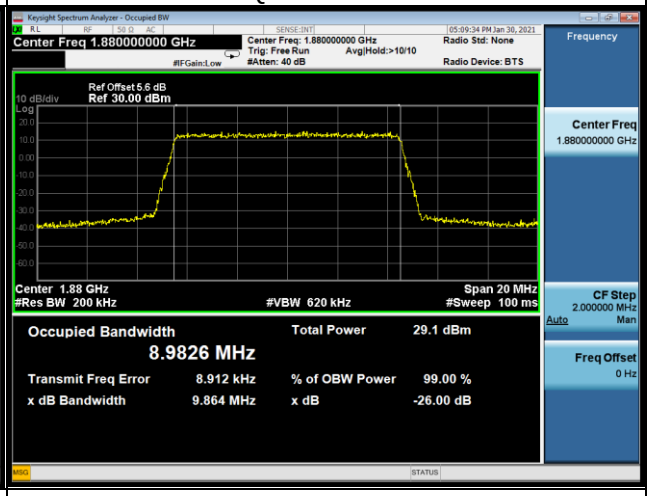
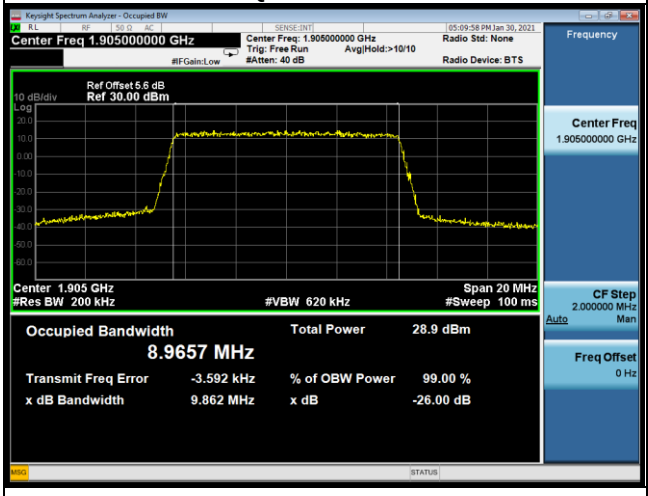
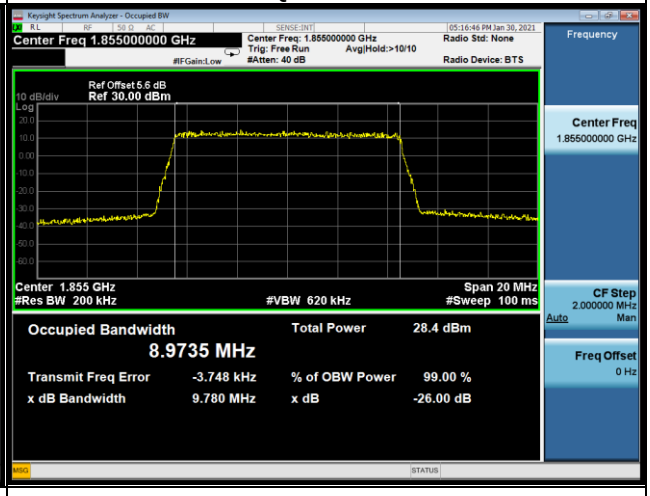
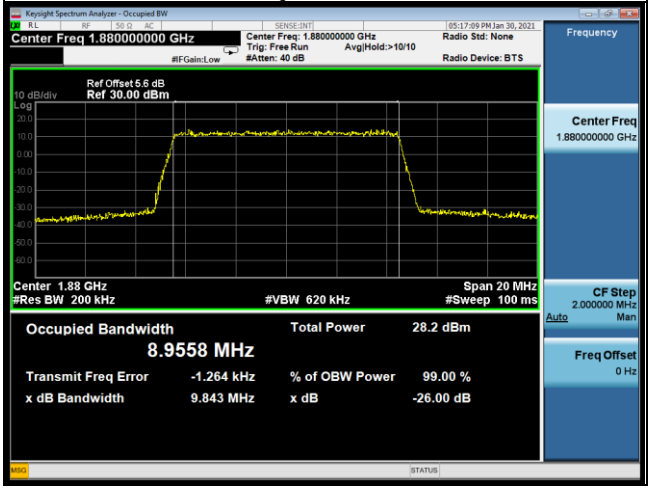
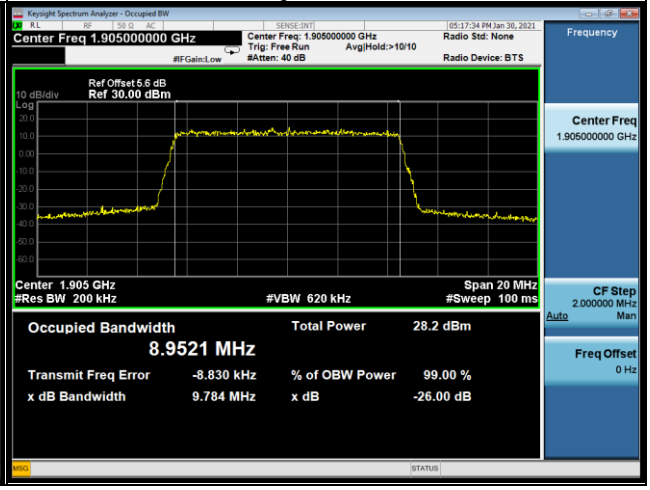
Spectrum Plot	
64QAM-18615	64QAM-18900
	
64QAM-19185	-
	-

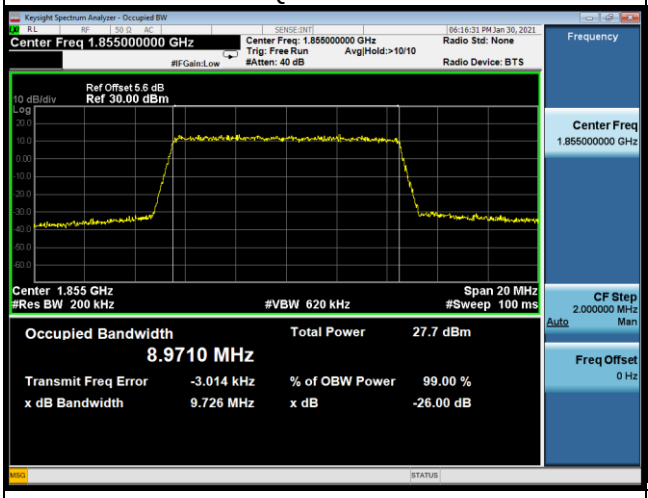
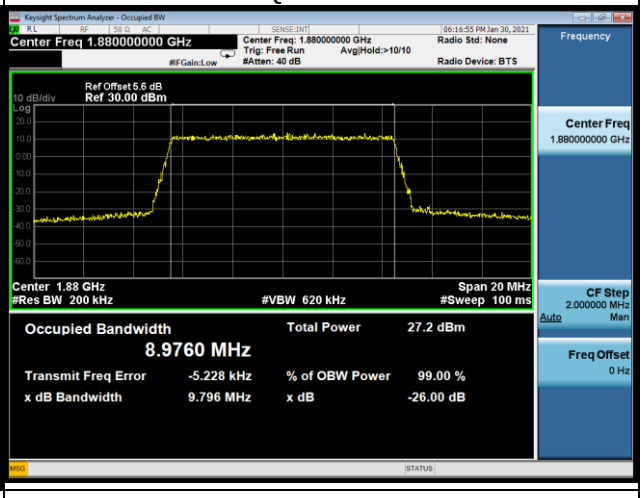
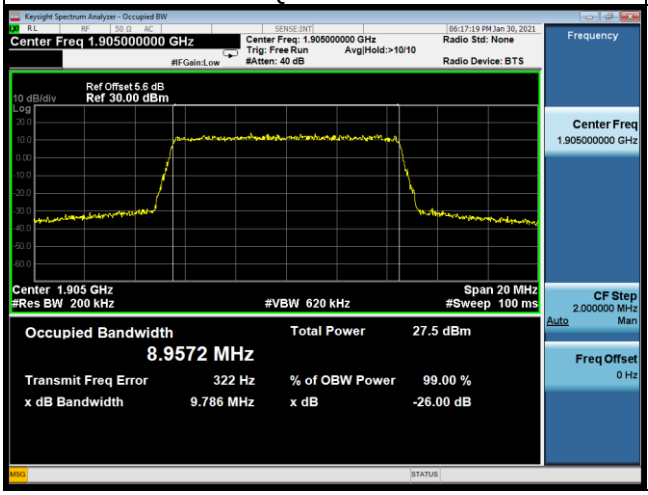
LTE Band 2_5M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18625	1852.5	4.5011	18625	1852.5	4.944
18900	1880	4.4971	18900	1880	4.943
19175	1907.5	4.5056	19175	1907.5	4.933
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18625	1852.5	4.4945	18625	1852.5	4.954
18900	1880	4.4970	18900	1880	4.946
19175	1907.5	4.4949	19175	1907.5	4.962
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18625	1852.5	4.4972	18625	1852.5	4.956
18900	1880	4.5044	18900	1880	4.937
19175	1907.5	4.4972	19175	1907.5	4.960

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

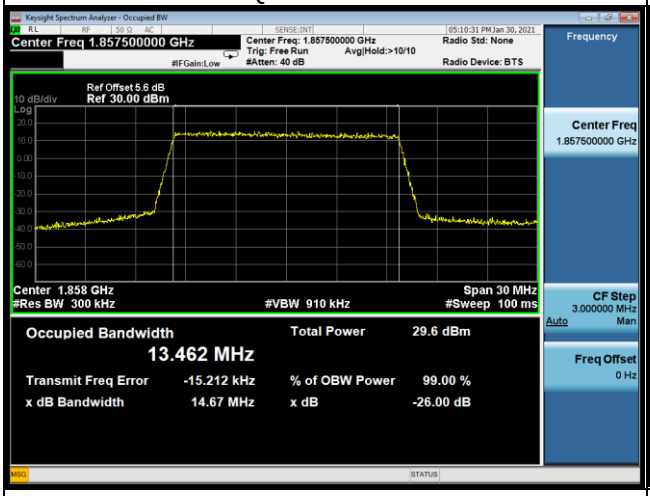
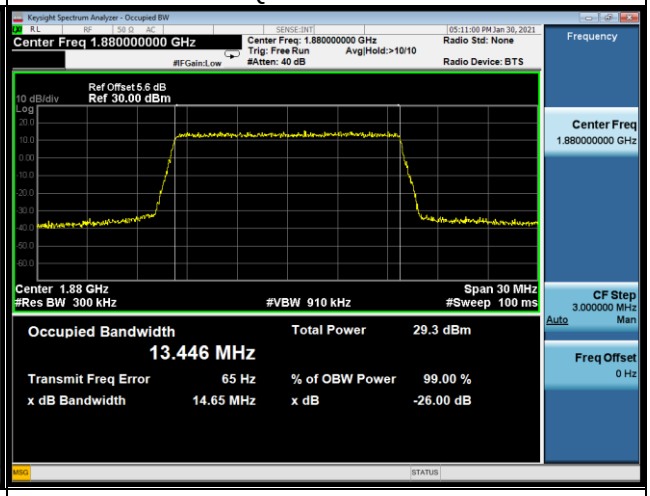
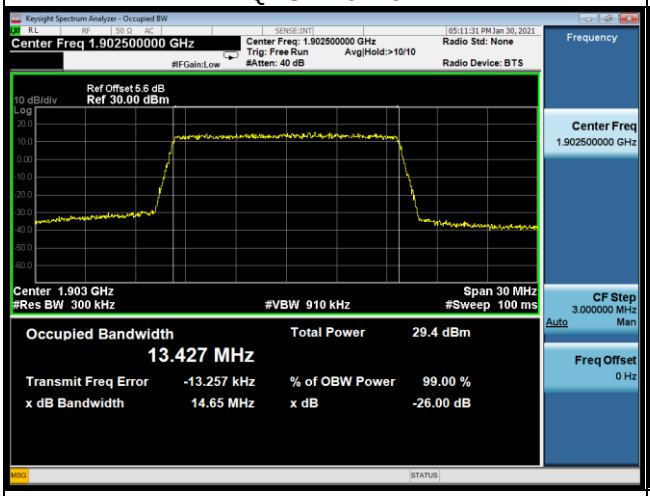
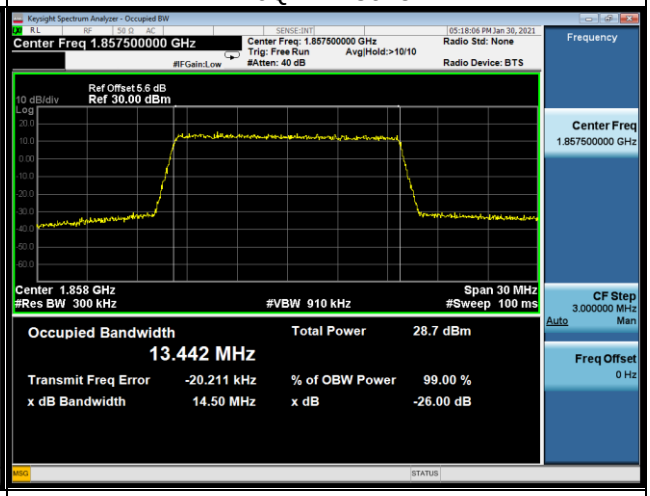
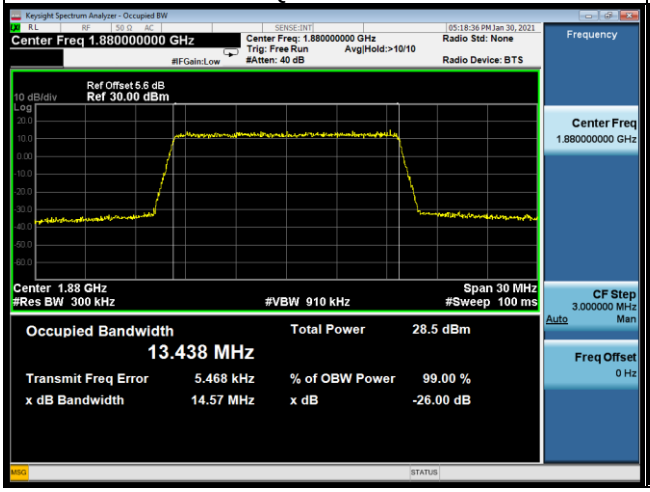
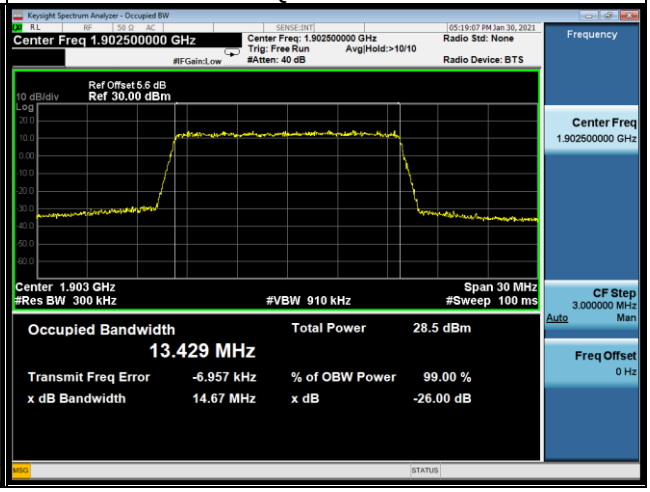
Spectrum Plot	
64QAM-18625	64QAM-18900
	
64QAM-19175	-
	-

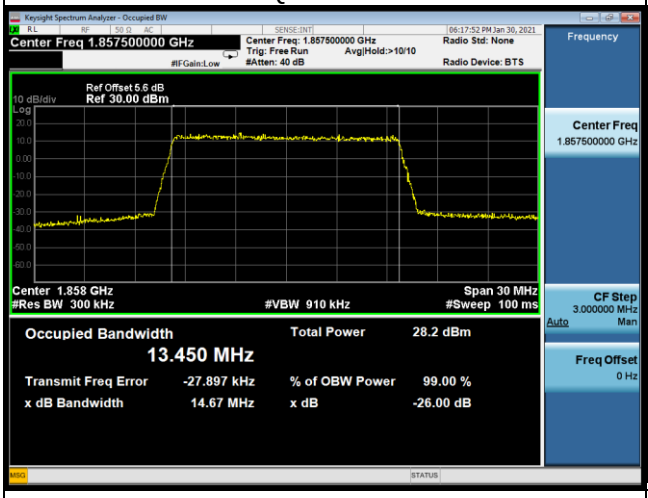
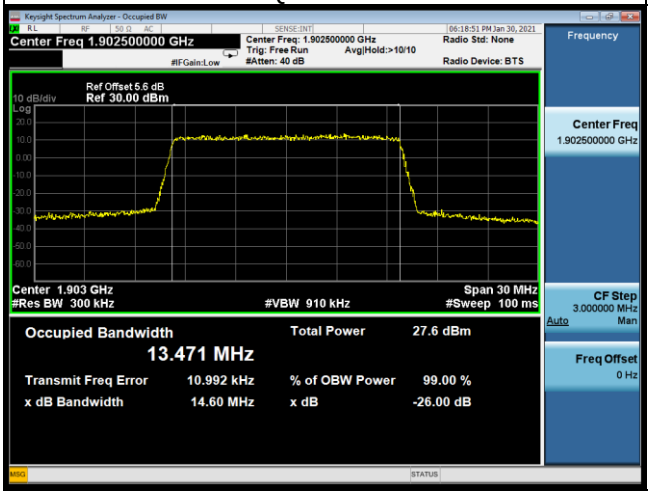
LTE Band 2_10M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18650	1855	8.9740	18650	1855	9.811
18900	1880	8.9826	18900	1880	9.864
19150	1905	8.9657	19150	1905	9.862
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18650	1855	8.9735	18650	1855	9.780
18900	1880	8.9558	18900	1880	9.843
19150	1905	8.9521	19150	1905	9.784
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18650	1855	8.9710	18650	1855	9.726
18900	1880	8.9760	18900	1880	9.796
19150	1905	8.9572	19150	1905	9.786

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

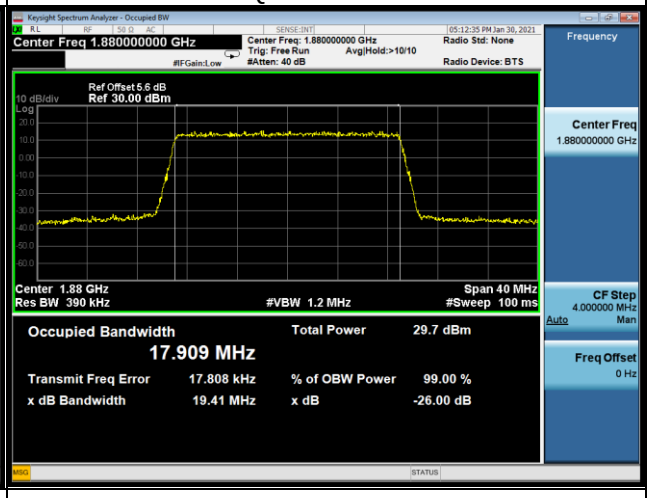
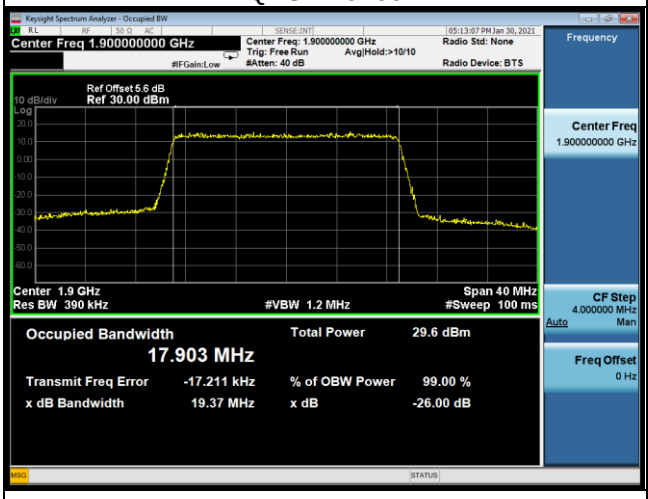
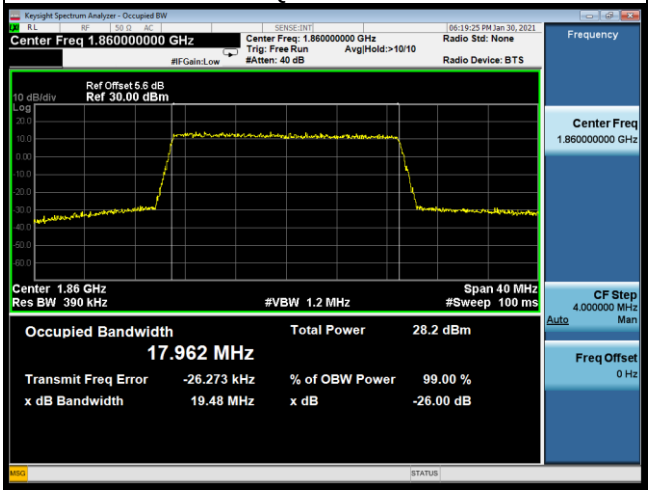
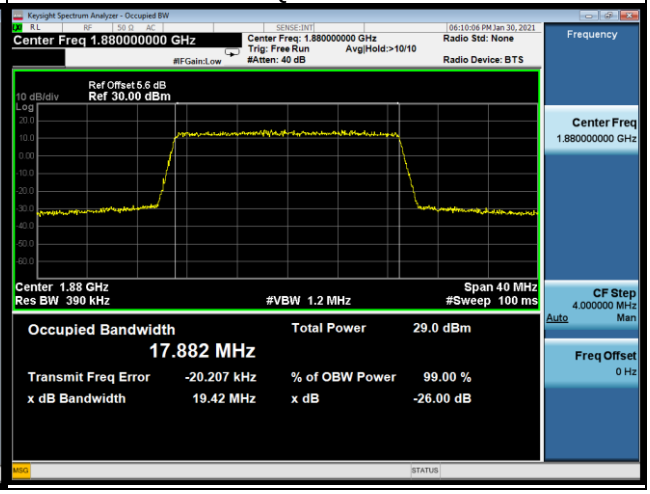
Spectrum Plot	
64QAM-18650	64QAM-18900
	
64QAM-19150	-
	-

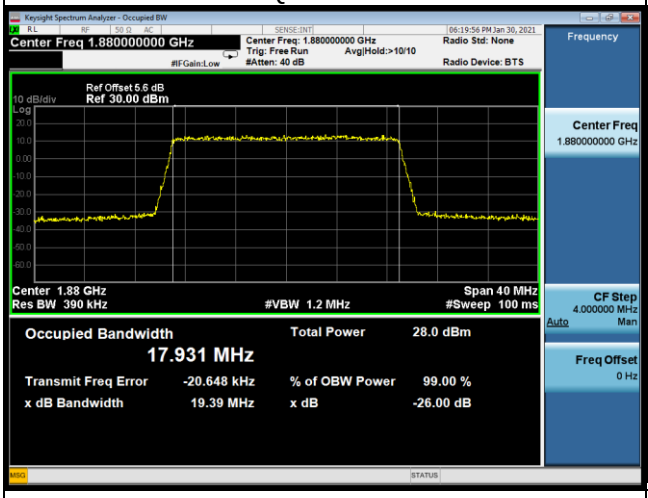
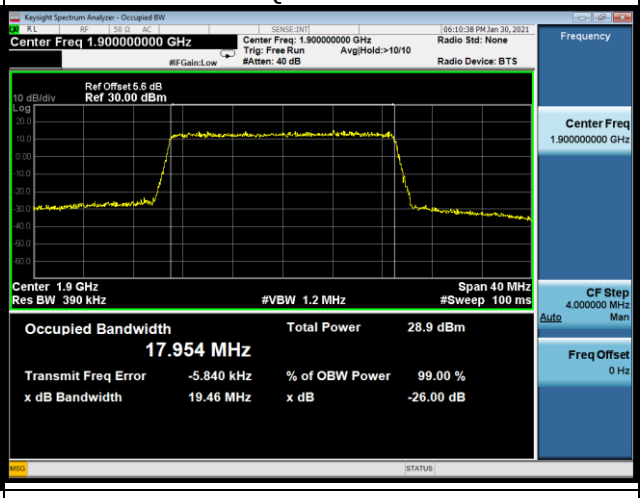
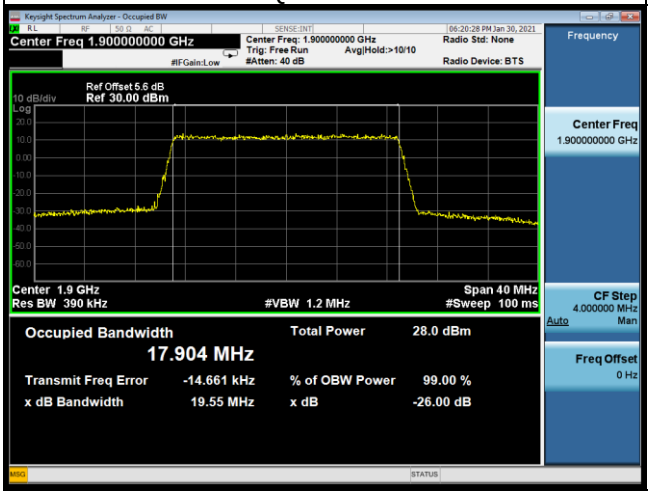
LTE Band 2_15M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18675	1857.5	13.462	18675	1857.5	14.67
18900	1880	13.446	18900	1880	14.65
19125	1902.5	13.427	19125	1902.5	14.65
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18675	1857.5	13.442	18675	1857.5	14.50
18900	1880	13.438	18900	1880	14.57
19125	1902.5	13.429	19125	1902.5	14.67
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18675	1857.5	13.450	18675	1857.5	14.67
18900	1880	13.452	18900	1880	14.64
19125	1902.5	13.471	19125	1902.5	14.60

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

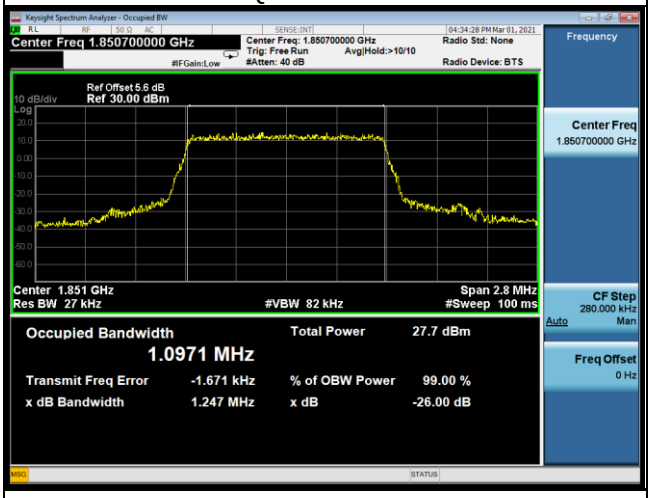
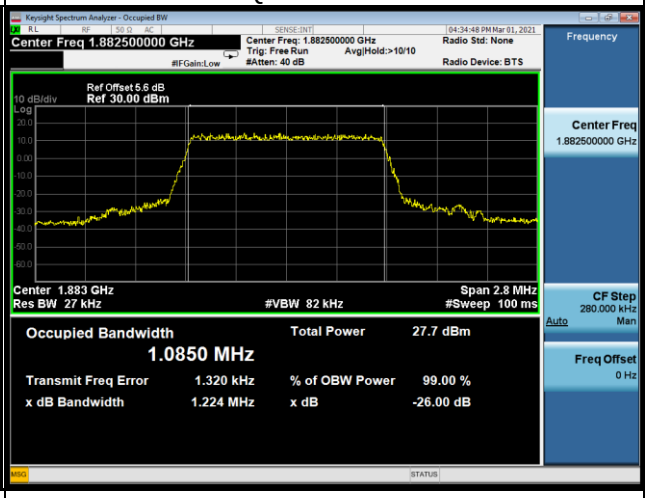
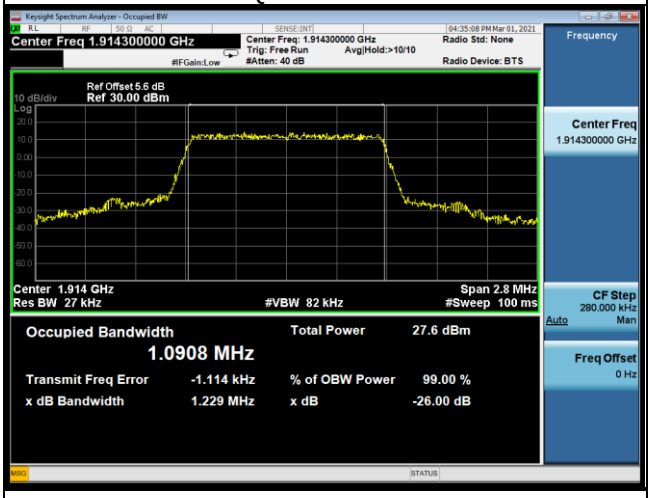
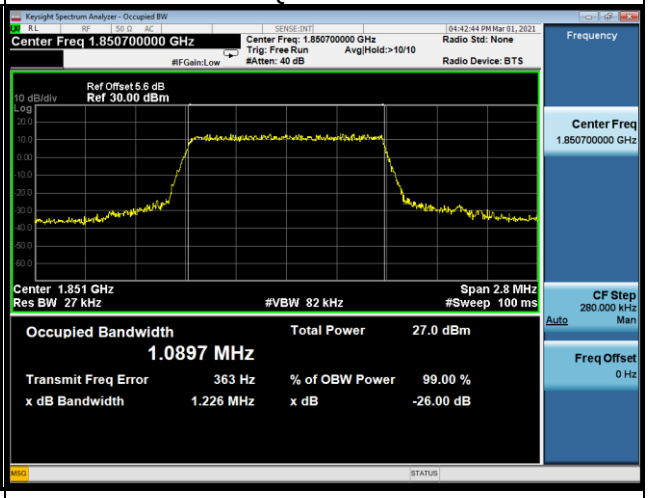
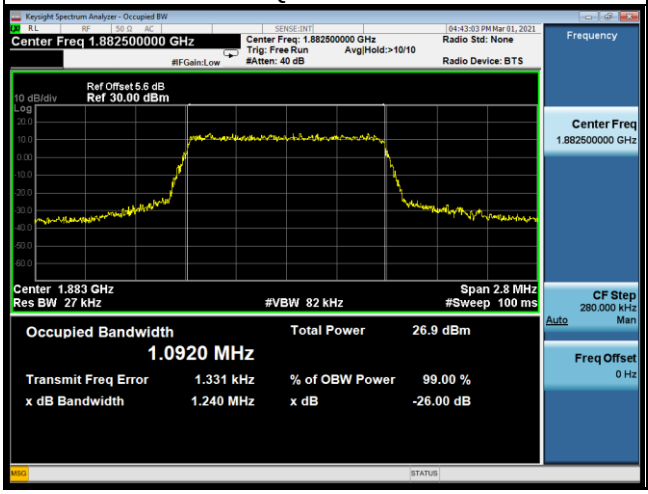
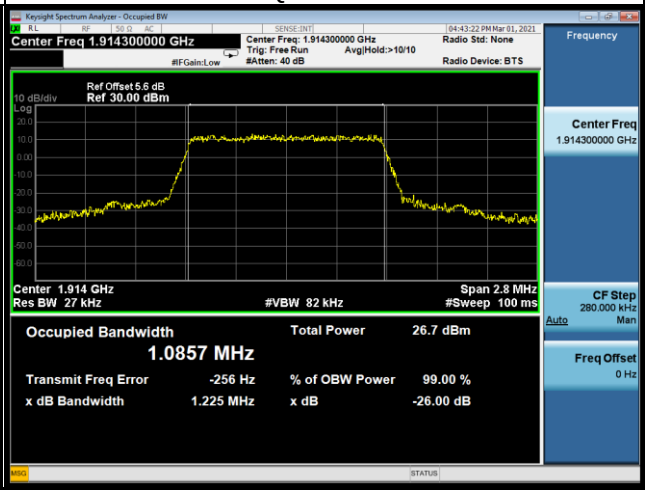
Spectrum Plot	
64QAM-18675	64QAM-18900
	
64QAM-19125	-
	-

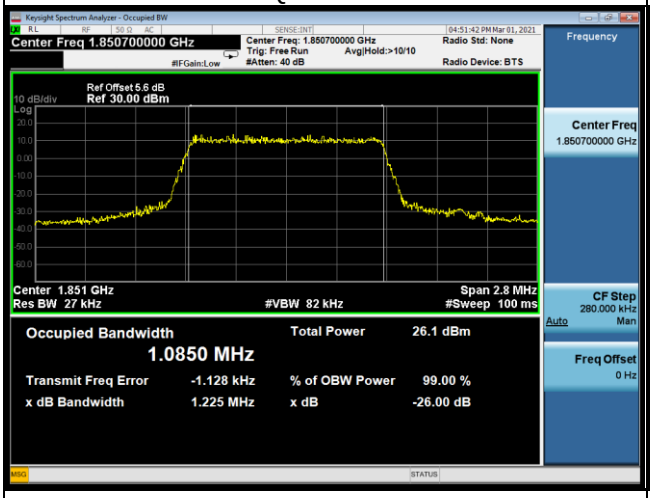
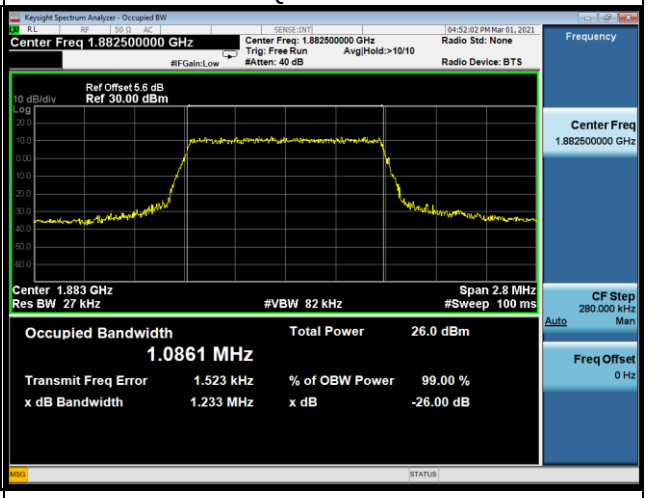
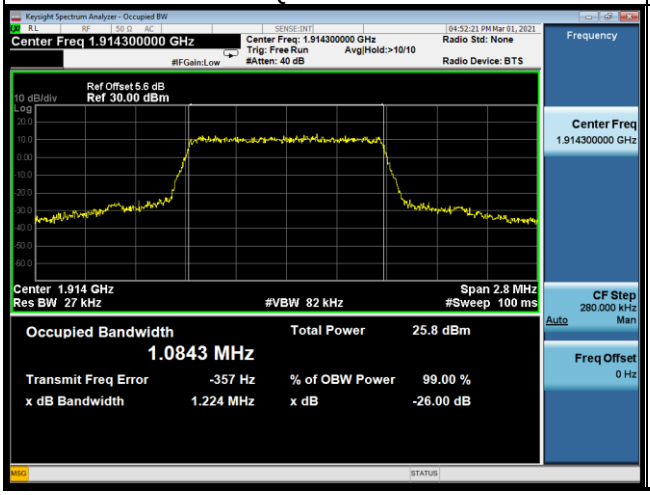
LTE Band 2_20M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18700	1860	17.954	18700	1860	19.50
18900	1880	17.909	18900	1880	19.41
19100	1900	17.903	19100	1900	19.37
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18700	1860	17.950	18700	1860	19.42
18900	1880	17.962	18900	1880	19.48
19100	1900	17.882	19100	1900	19.42
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
18700	1860	17.931	18700	1860	19.39
18900	1880	17.954	18900	1880	19.46
19100	1900	17.904	19100	1900	19.55

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

Spectrum Plot	
64QAM-18700	64QAM-18900
	
64QAM-19100	-
	-

LTE Band 25_1.4M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26047	1850.7	1.0971	26047	1850.7	1.247
26365	1882.5	1.0850	26365	1882.5	1.224
26683	1914.3	1.0908	26683	1914.3	1.229
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26047	1850.7	1.0897	26047	1850.7	1.226
26365	1882.5	1.0920	26365	1882.5	1.240
26683	1914.3	1.0857	26683	1914.3	1.225
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
26047	1850.7	1.0850	26047	1850.7	1.225
26365	1882.5	1.0861	26365	1882.5	1.233
26683	1914.3	1.0843	26683	1914.3	1.224

Spectrum Plot	
QPSK-26047	QPSK-26365
	
QPSK-26683	16QAM-26047
	
16QAM-26365	16QAM-26683
	

Spectrum Plot	
64QAM-26047	64QAM-26365
	
64QAM-26683