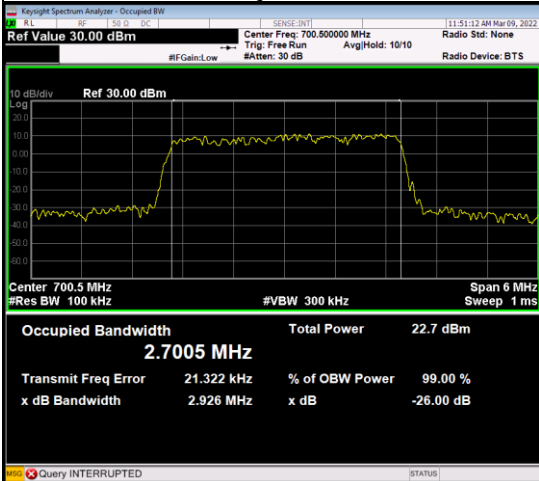
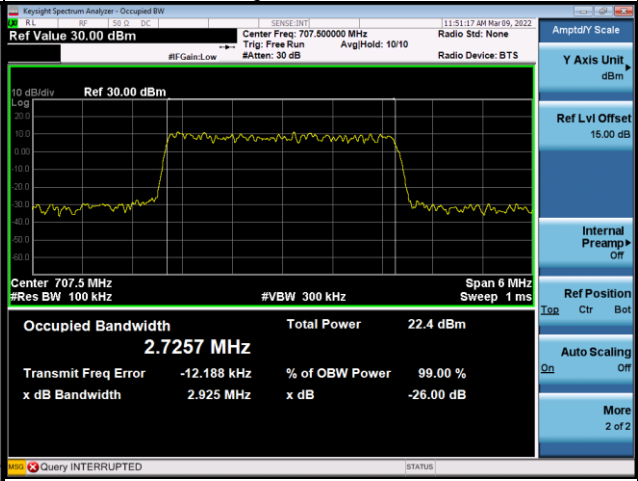


Spectrum Plot

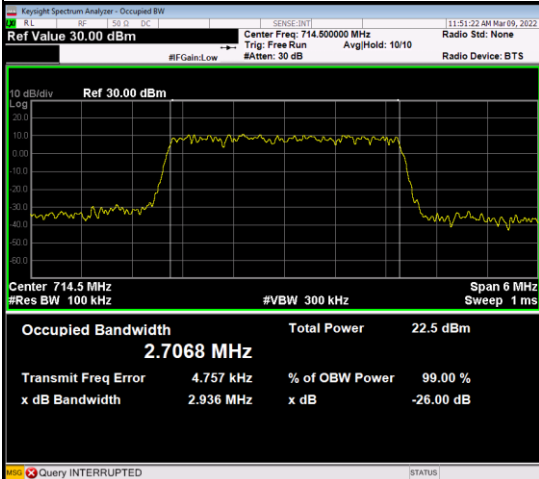
QPSK-23025



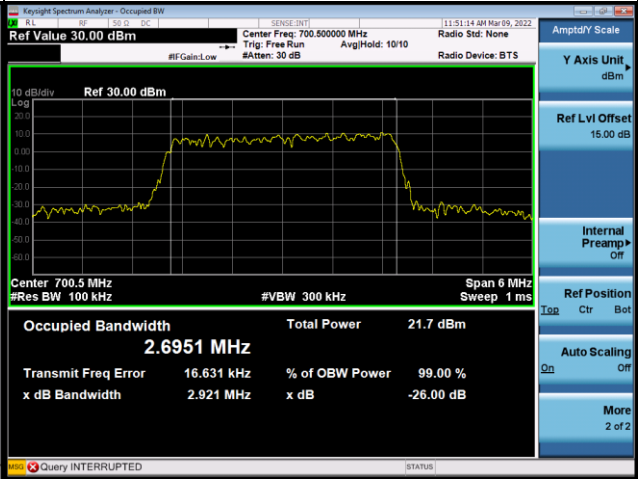
QPSK-23095



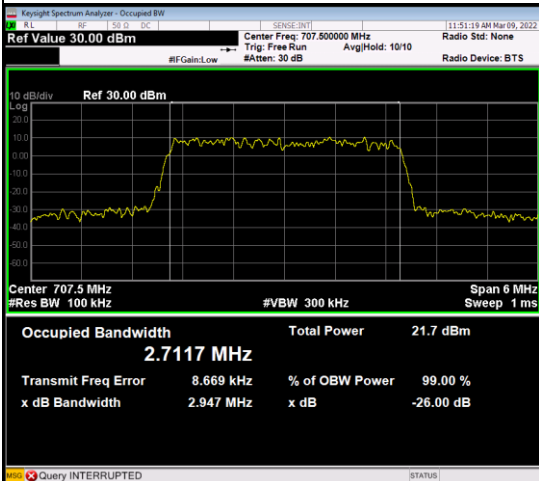
QPSK-23165



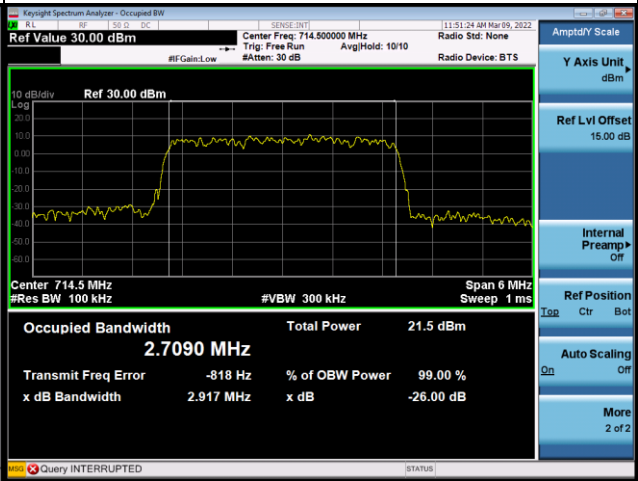
16QAM-23025



16QAM-23095



16QAM-23165

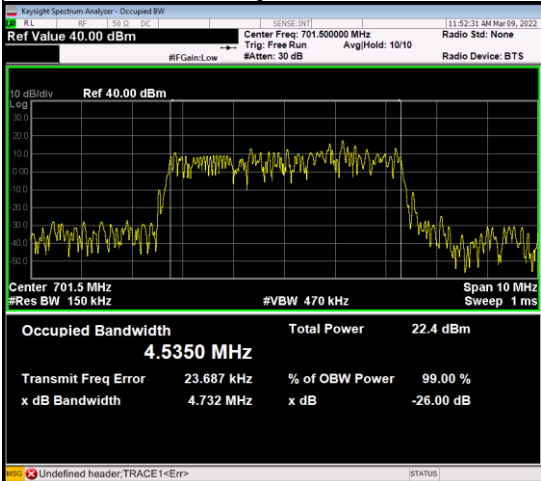




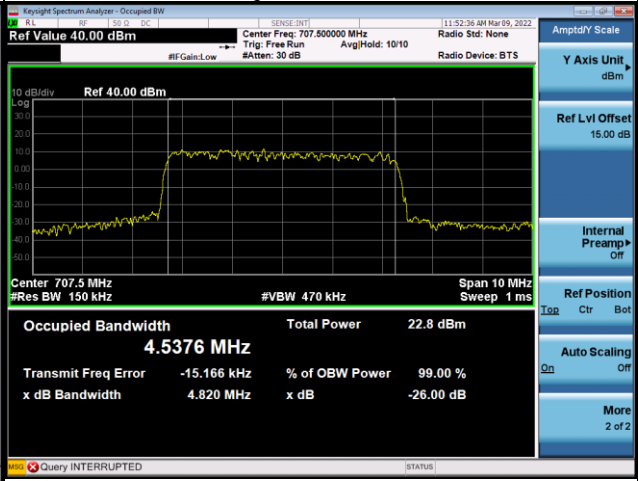
LTE Band 12_5M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23035	701.5	4.5350	23035	701.5	4.732
23095	707.5	4.5376	23095	707.5	4.820
23155	713.5	4.4681	23155	713.5	4.820
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23035	701.5	4.5083	23035	701.5	4.834
23095	707.5	4.5138	23095	707.5	4.946
23155	713.5	4.5268	23155	713.5	4.905
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23035	701.5	4.4951	23035	701.5	4.828
23095	707.5	4.5156	23095	707.5	4.821
23155	713.5	4.4629	23155	713.5	4.816

Spectrum Plot

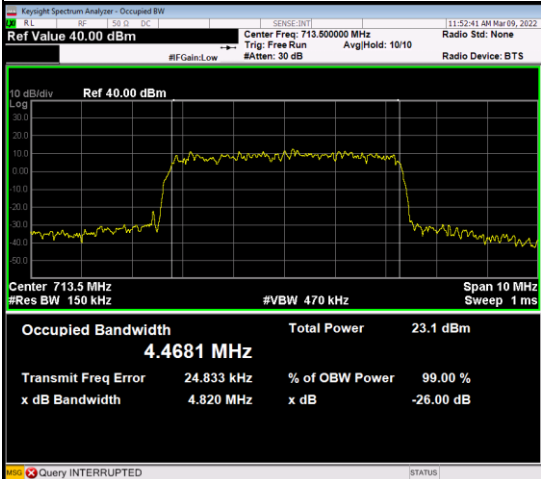
QPSK-23035



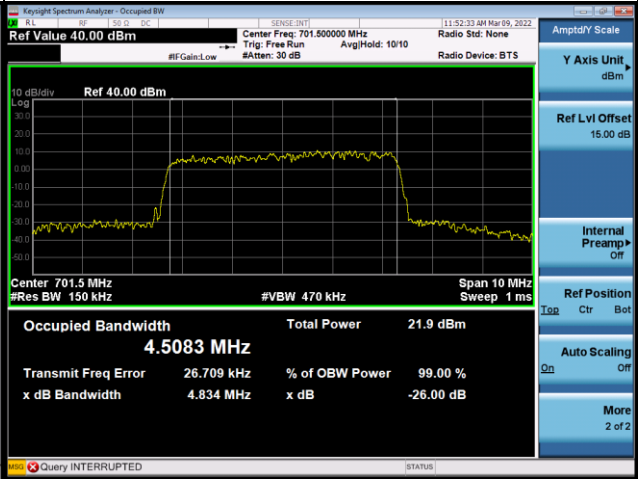
QPSK-23095



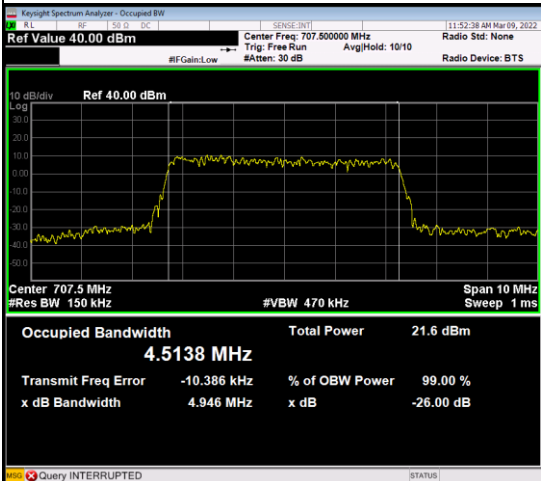
QPSK-23155



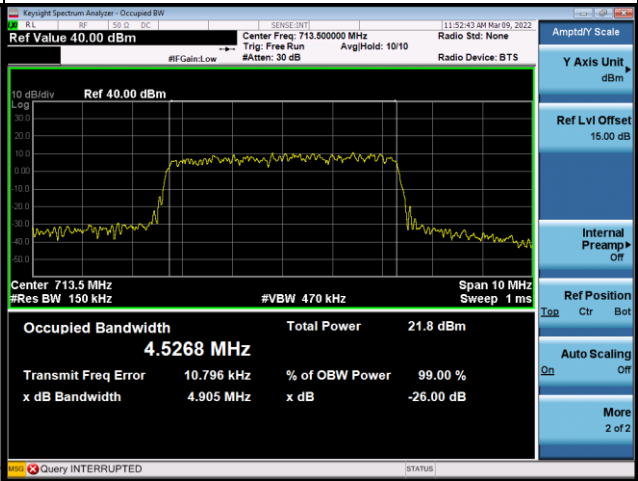
16QAM-23035



16QAM-23095



16QAM-23155

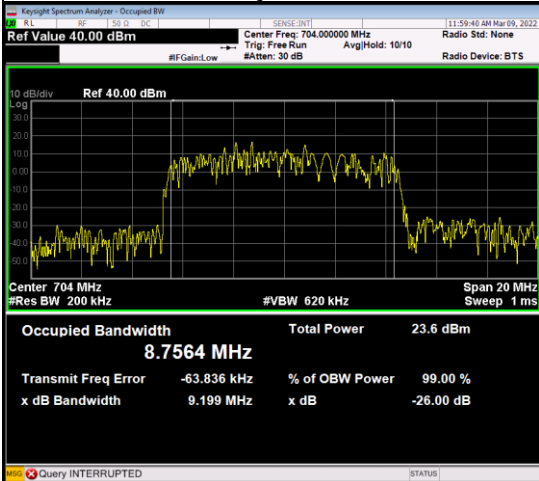




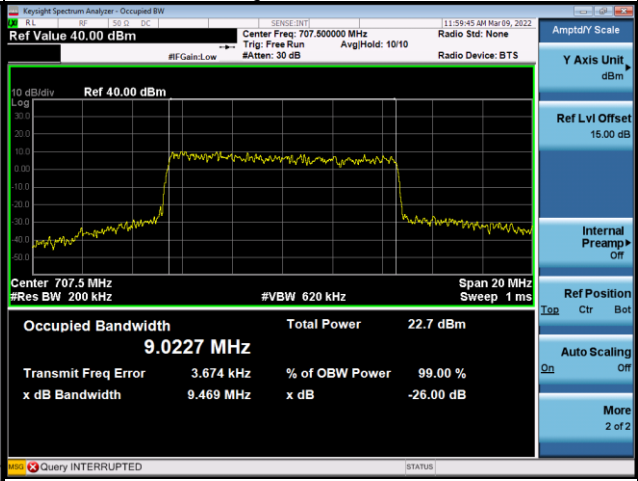
LTE Band 12_10M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23060	704.0	8.7564	23060	704.0	9.199
23095	707.5	9.0227	23095	707.5	9.469
23130	711.0	8.9986	23130	711.0	9.430
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23060	704.0	8.8745	23060	704.0	9.398
23095	707.5	8.9412	23095	707.5	9.481
23130	711.0	8.9646	23130	711.0	9.455
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23060	704.0	8.7976	23060	704.0	8.372
23095	707.5	8.9343	23095	707.5	9.474
23130	711.0	8.9518	23130	711.0	9.424

Spectrum Plot

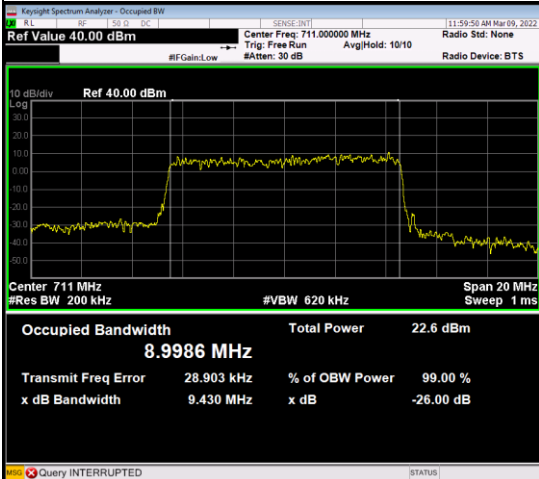
QPSK-23060



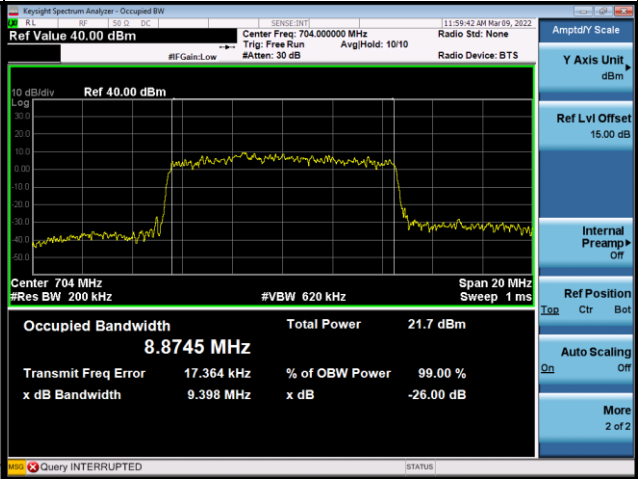
QPSK-23095



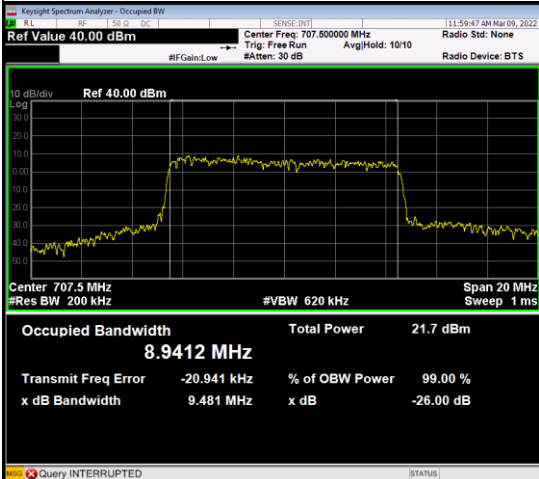
QPSK-23130



16QAM-23060



16QAM-23095



16QAM-23130

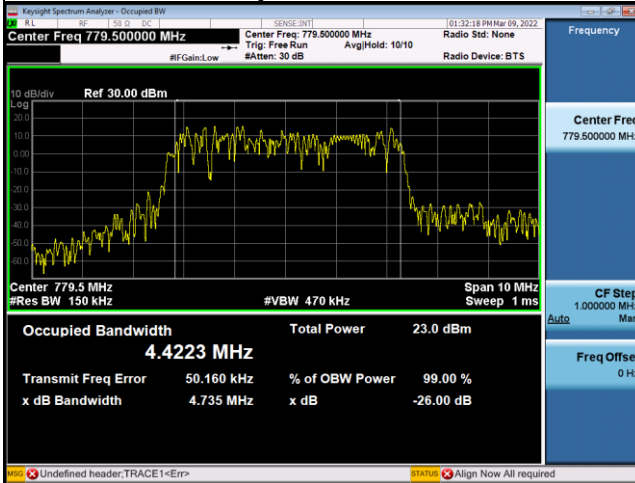




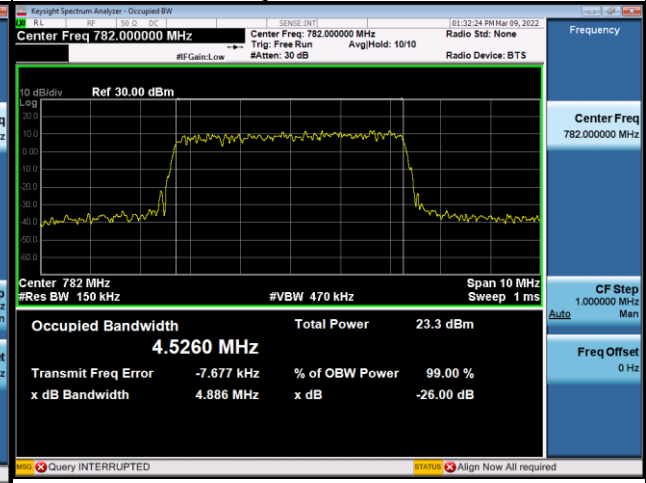
LTE Band 13_5M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23205	779.5	4.4223	23205	779.5	4.735
23230	782.0	4.5260	23230	782.0	4.886
23255	784.5	4.5075	23255	784.5	4.807
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23205	779.5	4.5174	23205	779.5	4.882
23230	782.0	4.5281	23230	782.0	4.831
23255	784.5	4.4633	23255	784.5	4.808
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23205	779.5	4.5047	23205	779.5	4.802
23230	782.0	4.5143	23230	782.0	4.865
23255	784.5	4.5186	23255	784.5	4.482

Spectrum Plot

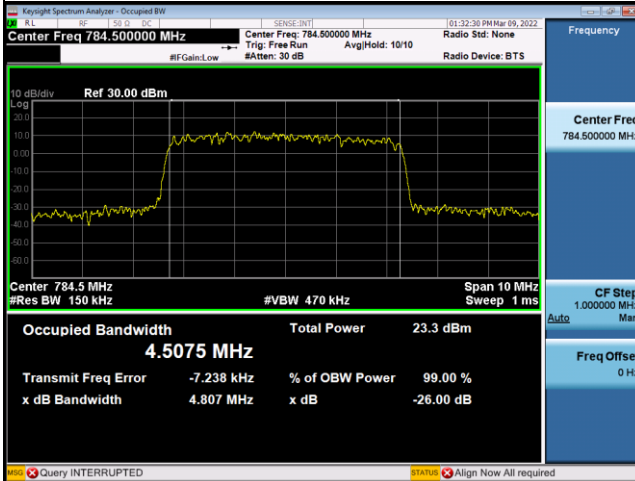
QPSK-23205



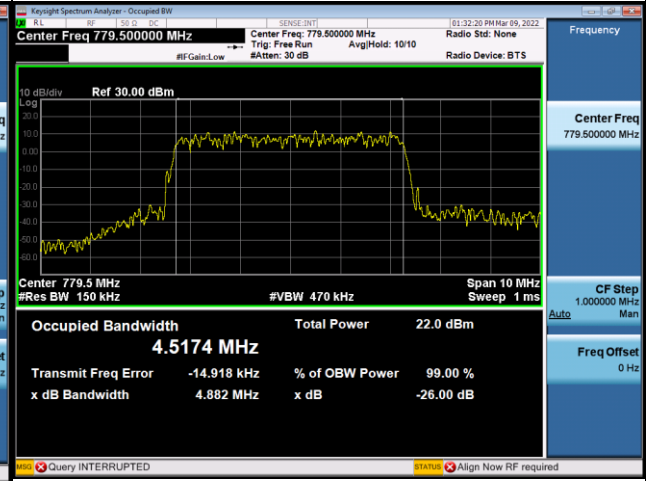
QPSK-23230



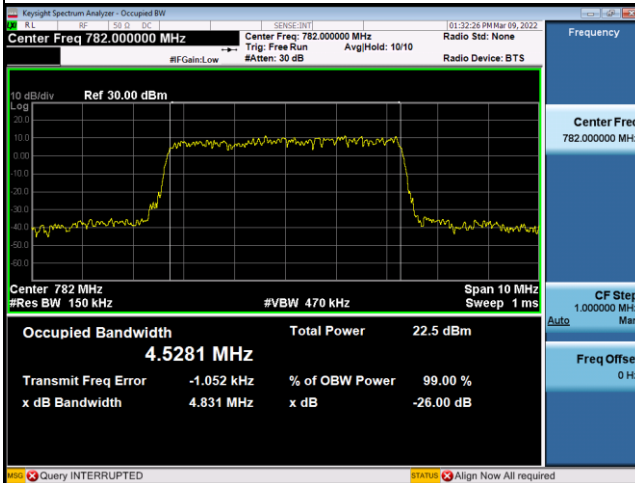
QPSK-23255



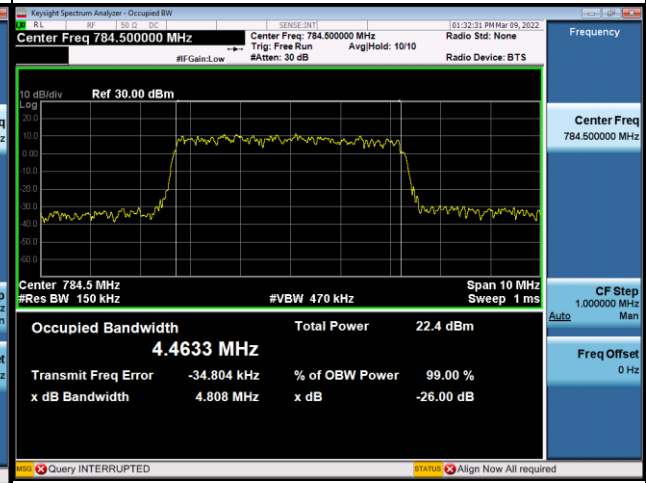
16QAM-23205



16QAM-23230



16QAM-23255

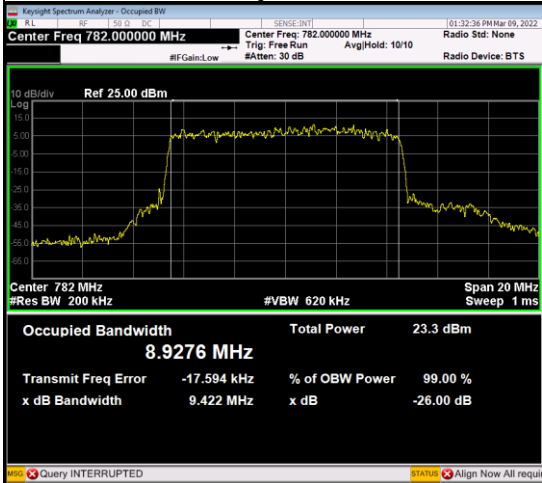




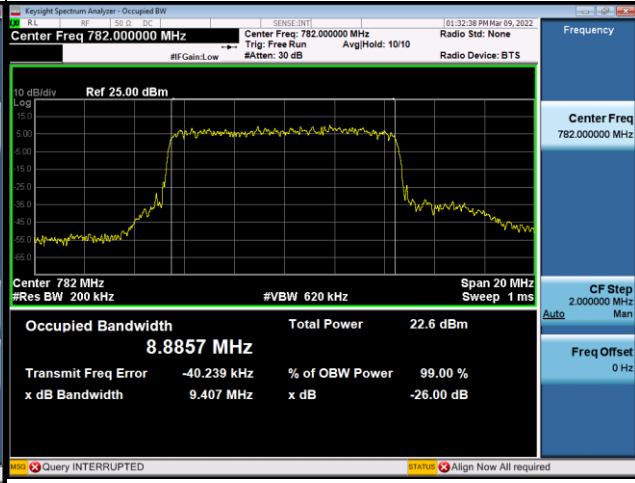
LTE Band 13_10M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23230	782.0	8.9276	23230	782.0	9.422
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23230	782.0	8.8857	23230	782.0	9.407
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
23230	782.0	8.9026	23230	782.0	9.382

Spectrum Plot

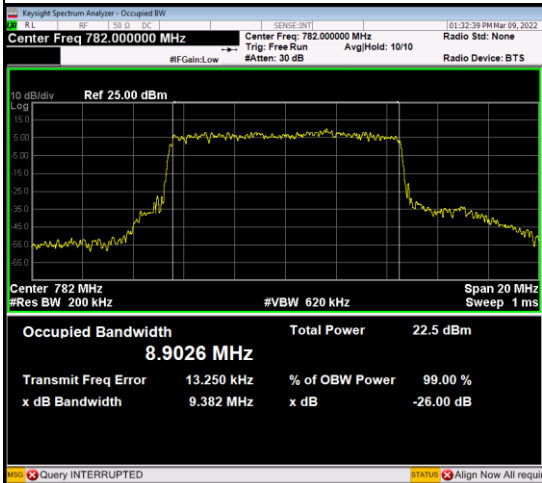
QPSK-23230



16QAM-23230



64QAM-23230



-

-