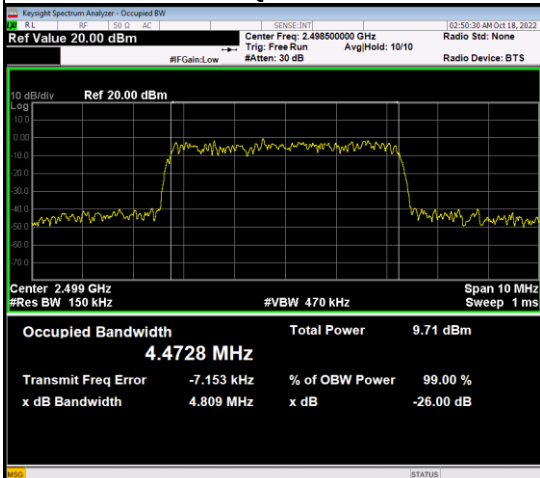
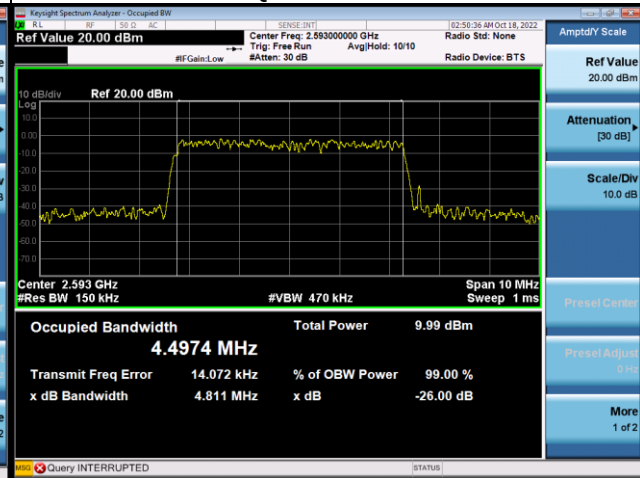


Spectrum Plot

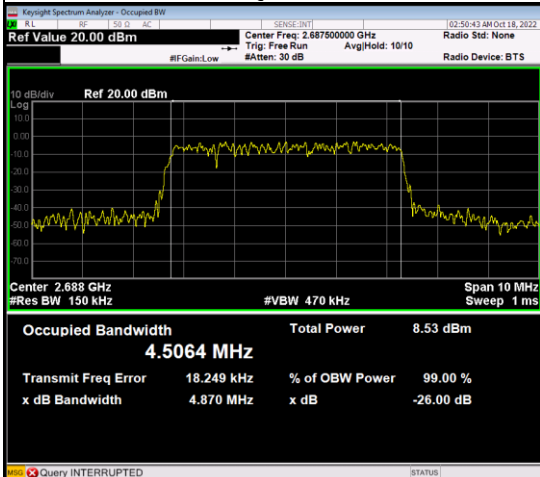
QPSK-39675



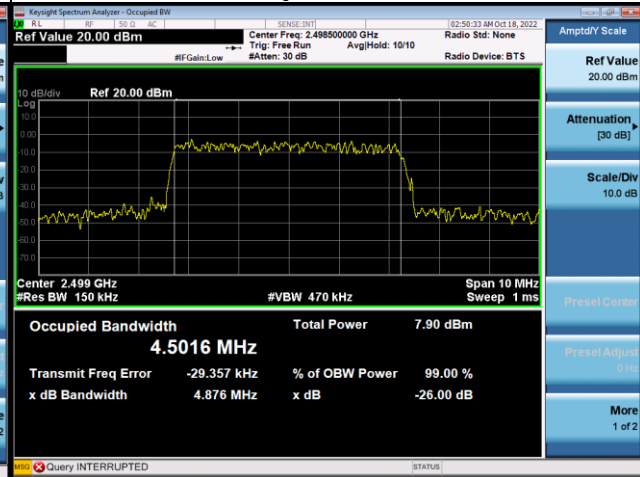
QPSK-40620



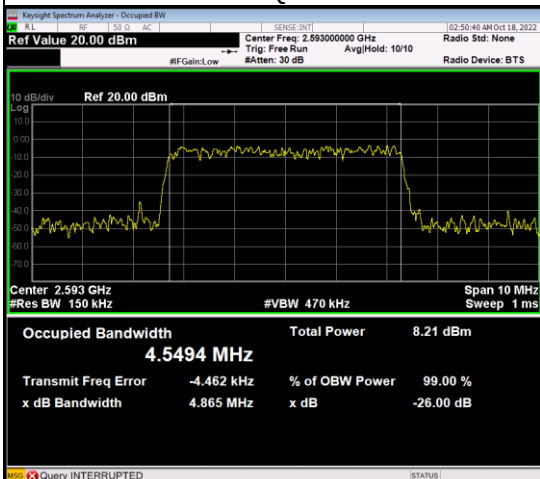
QPSK-41565



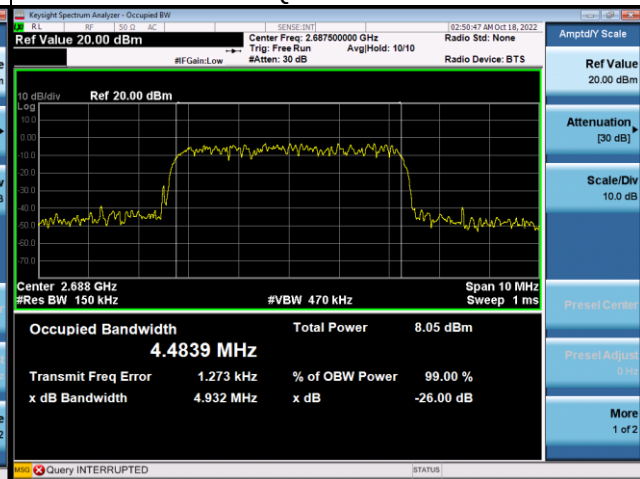
16QAM-39675



16QAM-40620

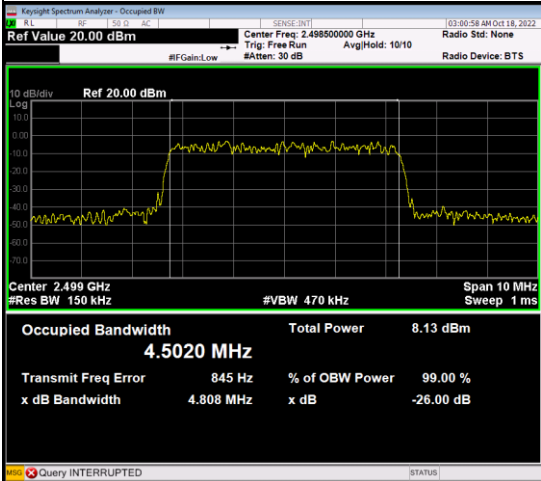


16QAM-41565

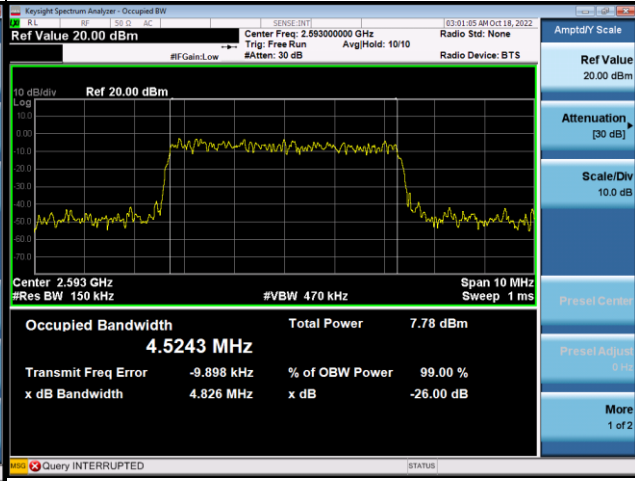


Spectrum Plot

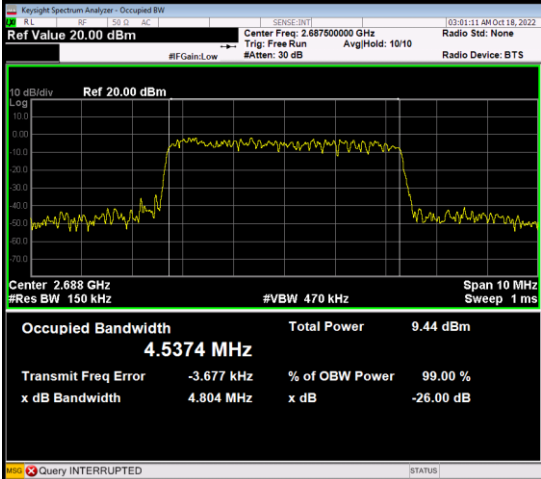
64QAM-39675



64QAM-40620



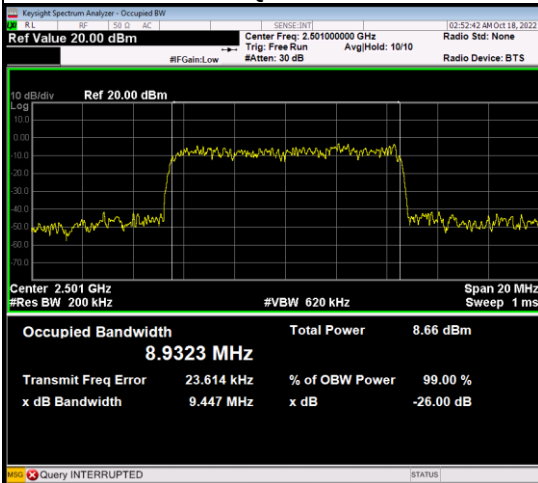
64QAM-41565



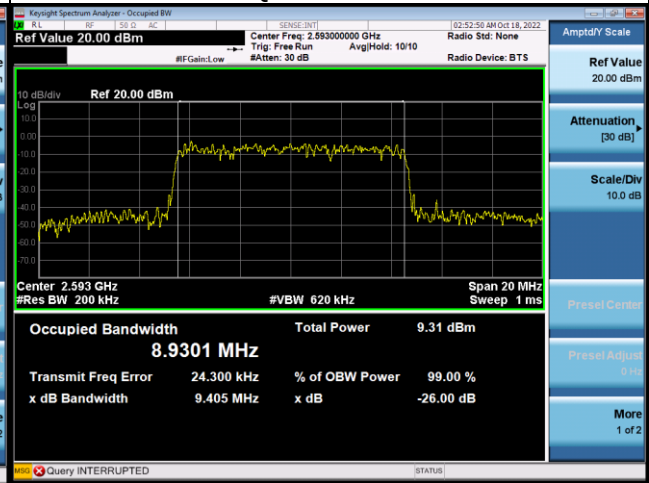
LTE Band 41_10M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39700	2501	8.9323	39700	2501	9.447
40620	2593	8.9301	40620	2593	9.405
41540	2685	9.0056	41540	2685	9.486
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39700	2501	9.0237	39700	2501	9.439
40620	2593	8.9281	40620	2593	9.494
41540	2685	8.9902	41540	2685	9.421
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39700	2501	8.9843	39700	2501	9.477
40620	2593	8.9604	40620	2593	9.431
41540	2685	8.9945	41540	2685	9.421

Spectrum Plot

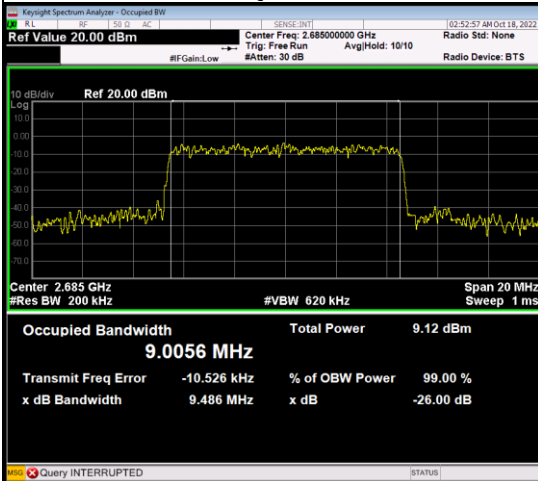
QPSK-39700



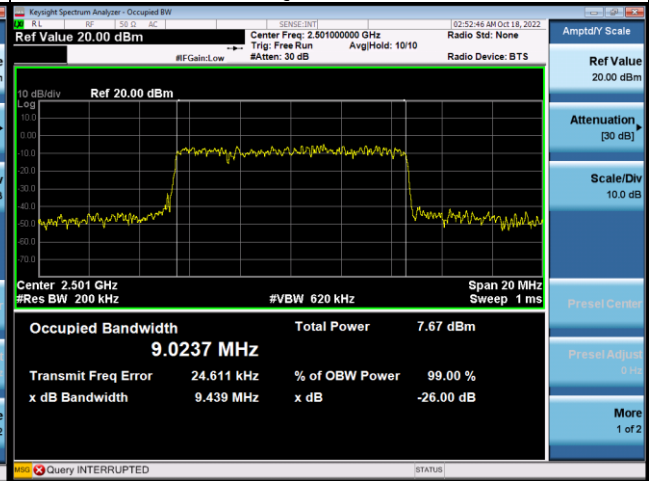
QPSK-40620



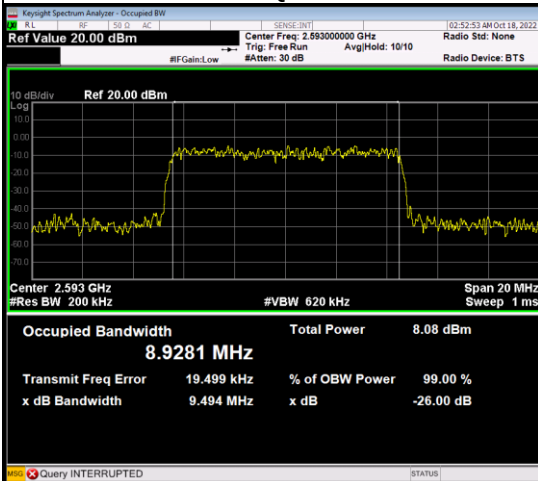
QPSK-41540



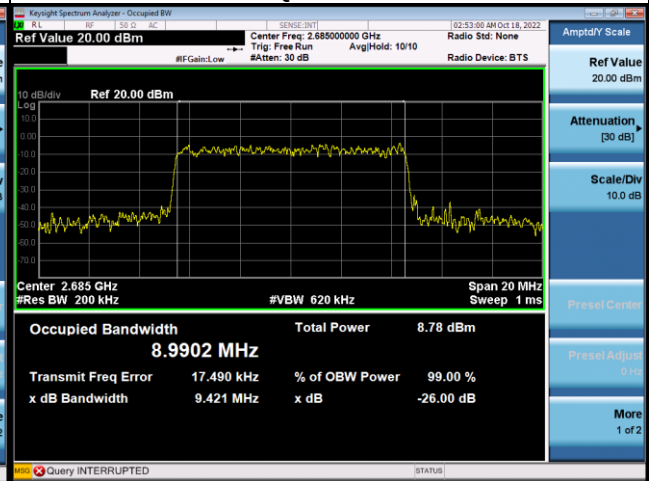
16QAM-39700



16QAM-40620

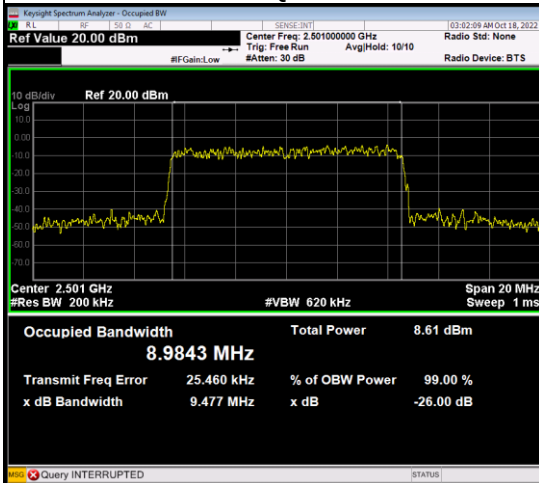


16QAM-41540

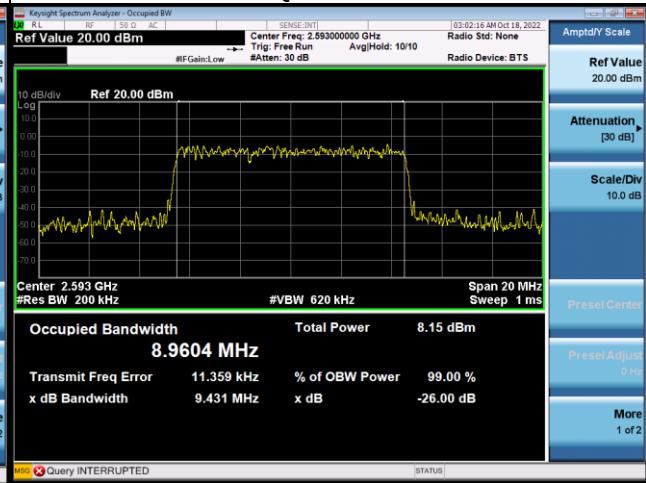


Spectrum Plot

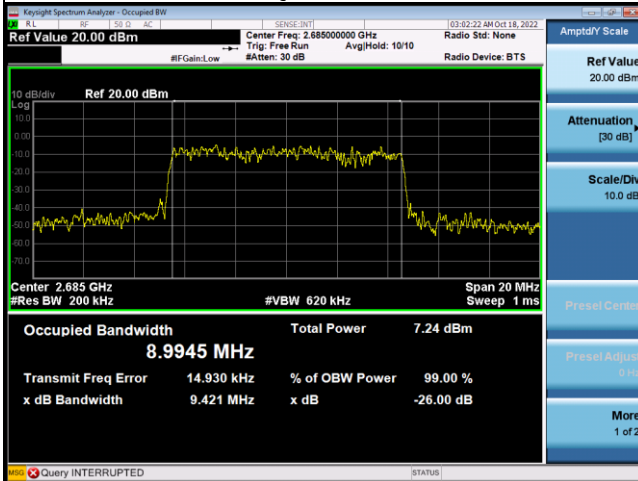
64QAM-39700



64QAM-40620



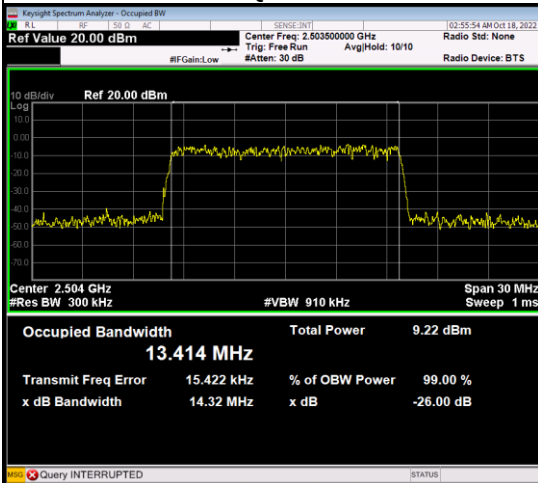
64QAM-41540



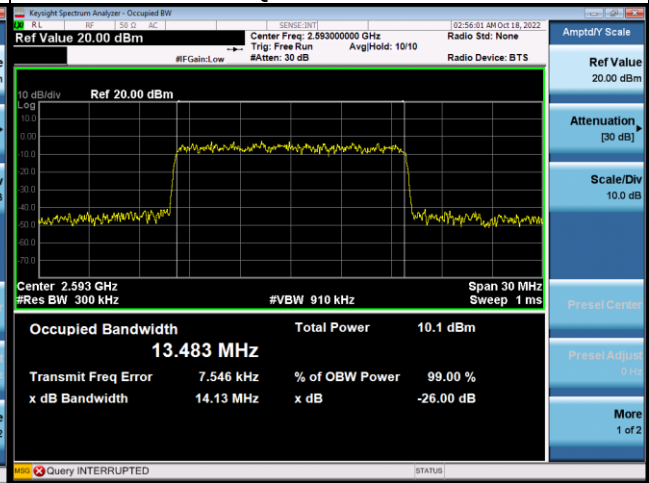
LTE Band 41_15M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39725	2503.5	13.414	39725	2503.5	14.32
40620	2593	13.483	40620	2593	14.13
41515	2682.5	13.506	41515	2682.5	14.13
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39725	2503.5	13.388	39725	2503.5	14.17
40620	2593	13.484	40620	2593	14.11
41515	2682.5	13.442	41515	2682.5	14.12
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39725	2503.5	13.446	39725	2503.5	14.13
40620	2593	13.389	40620	2593	14.14
41515	2682.5	13.347	41515	2682.5	14.17

Spectrum Plot

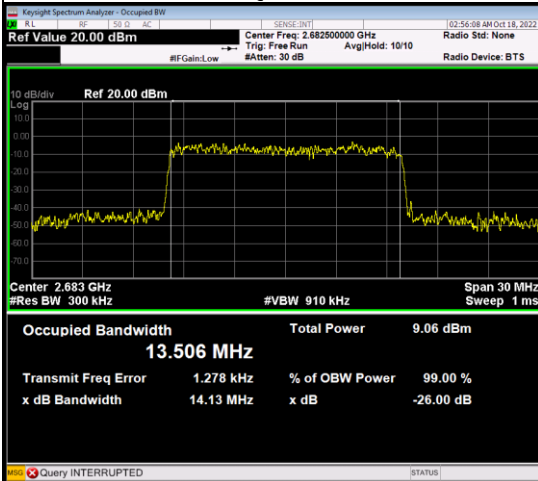
QPSK-39725



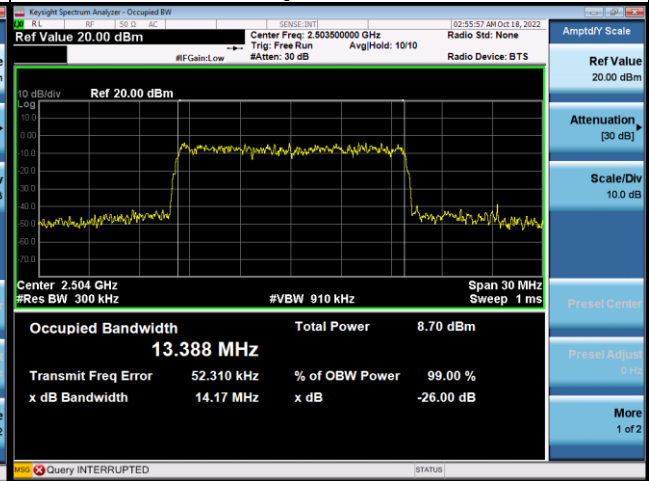
QPSK-40620



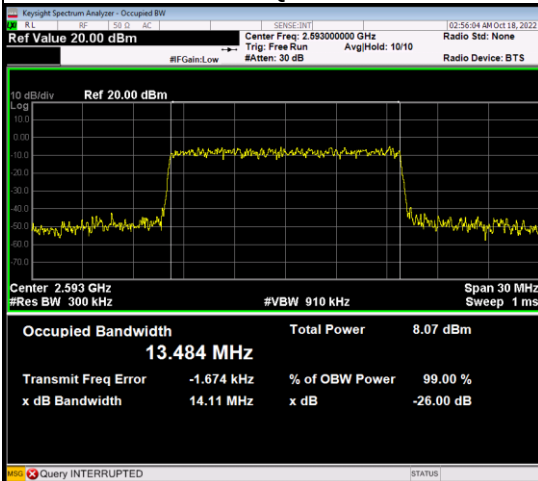
QPSK-41515



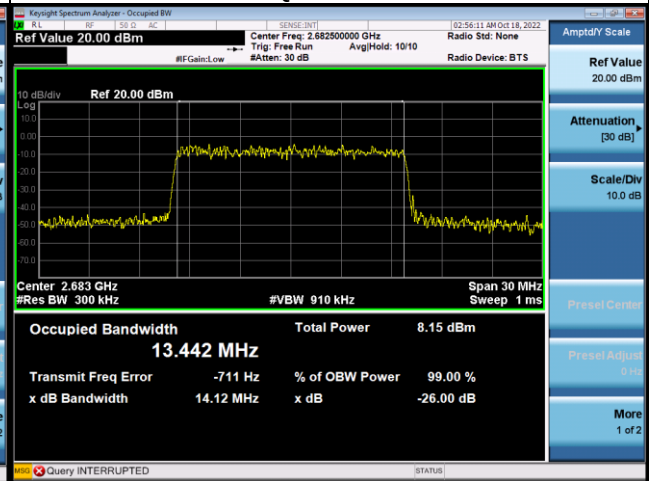
16QAM-39725



16QAM-40620

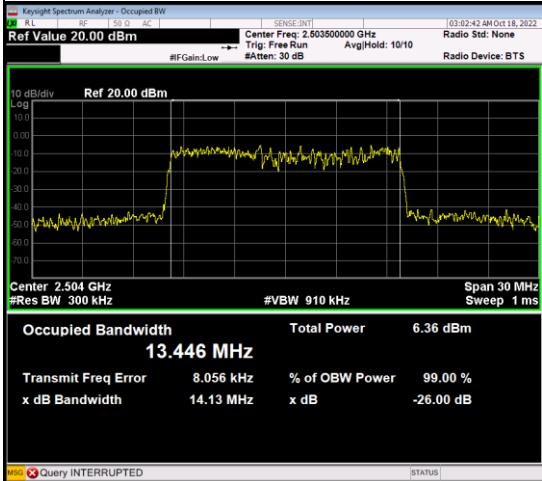


16QAM-41515

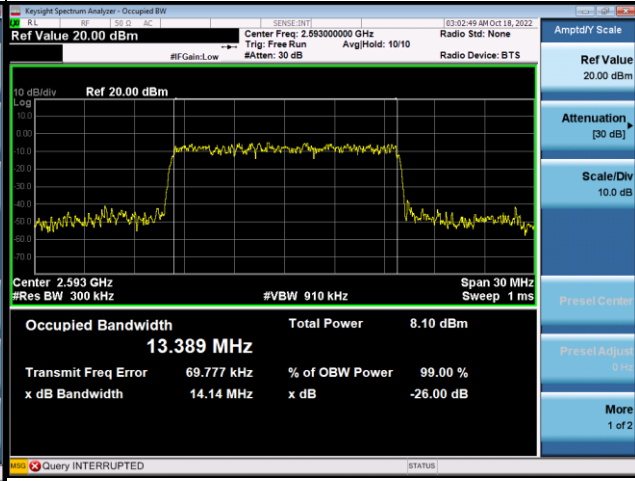


Spectrum Plot

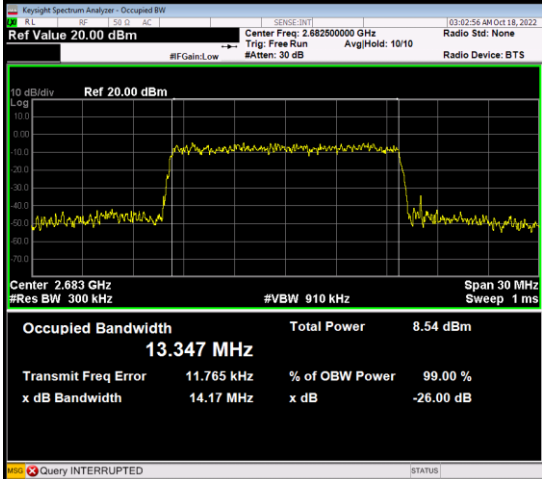
64QAM-39725



64QAM-40620



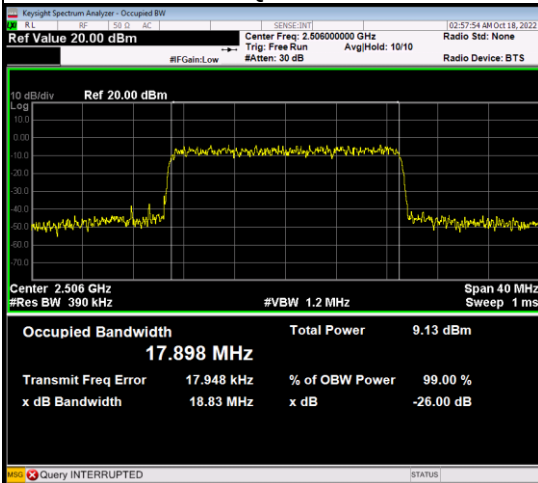
64QAM-41515



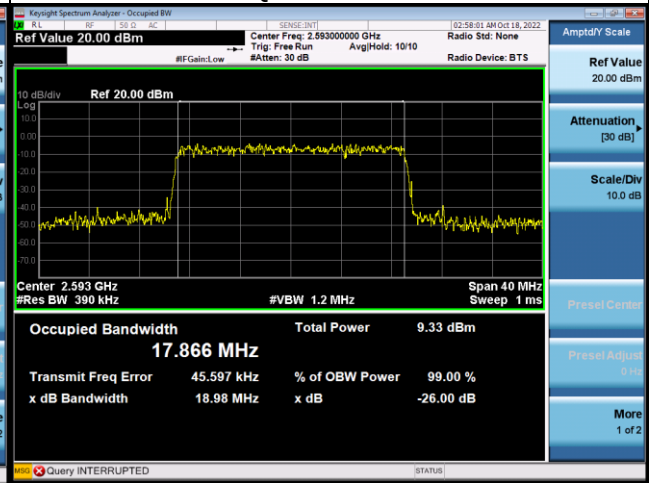
LTE Band 41_20M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39750	2506	17.898	39750	2506	18.83
40620	2593	17.866	40620	2593	18.98
41490	2680	17.850	41490	2680	18.97
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39750	2506	17.869	39750	2506	18.74
40620	2593	17.861	40620	2593	19.00
41490	2680	17.859	41490	2680	18.78
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
39750	2506	17.743	39750	2506	18.76
40620	2593	17.942	40620	2593	18.82
41490	2680	17.805	41490	2680	18.81

Spectrum Plot

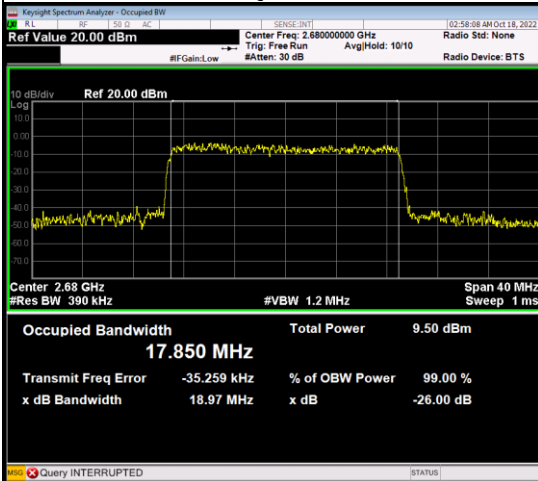
QPSK-39750



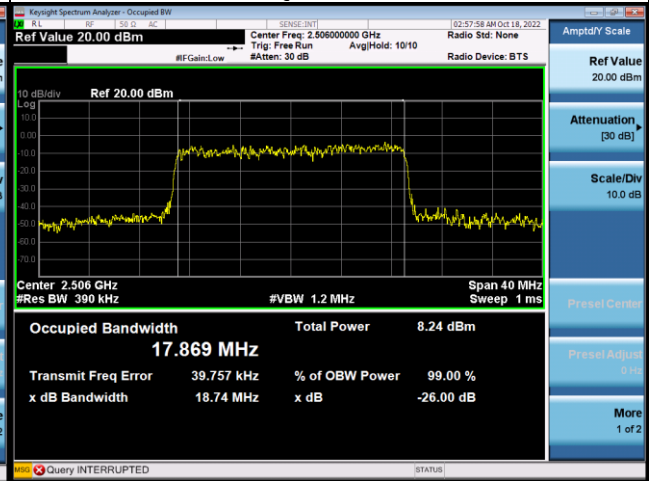
QPSK-40620



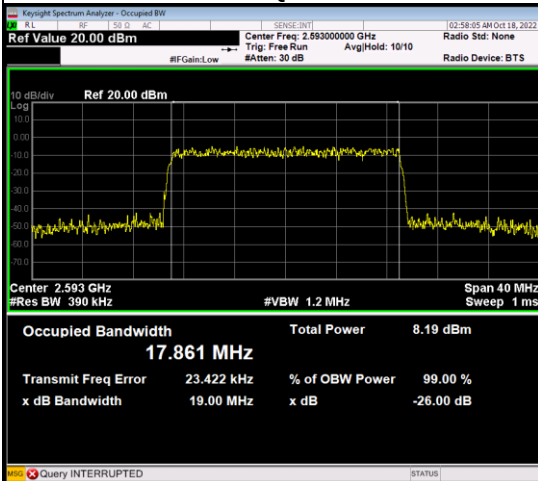
QPSK-41490



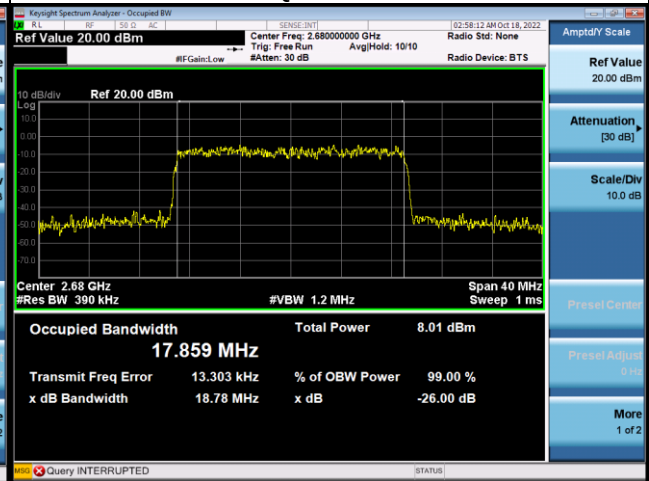
16QAM-39750



16QAM-40620

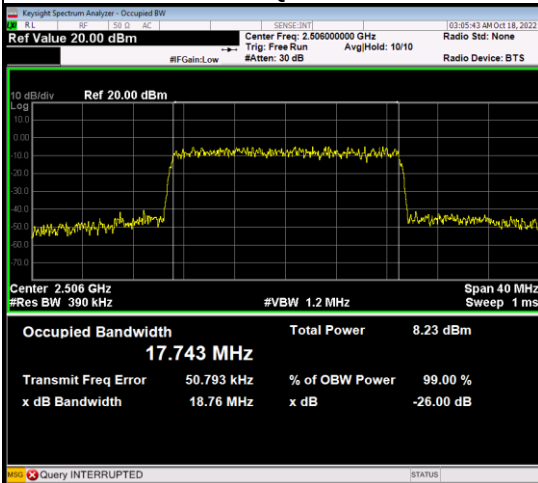


16QAM-41490

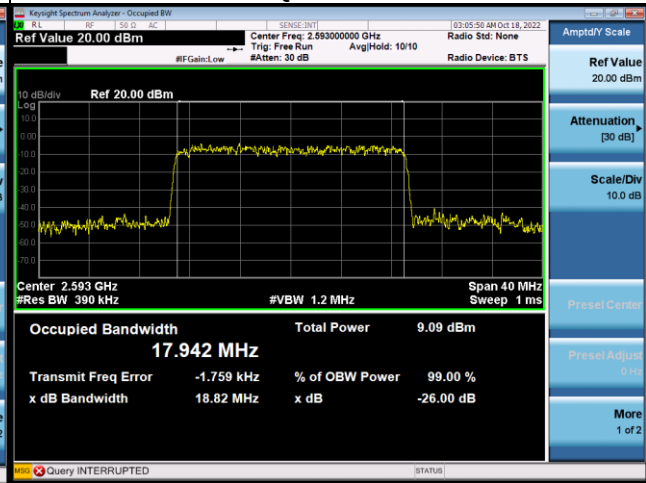


Spectrum Plot

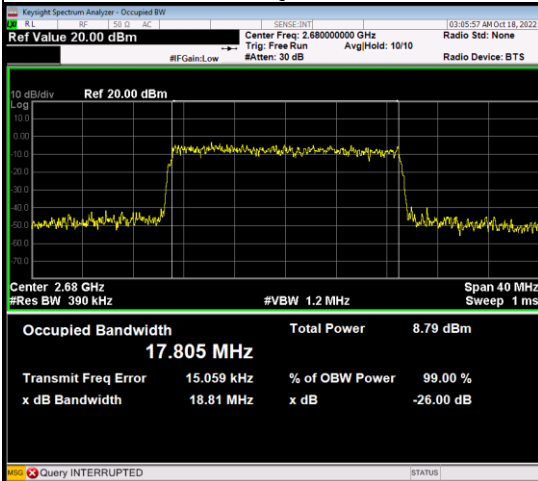
64QAM-39750



64QAM-40620



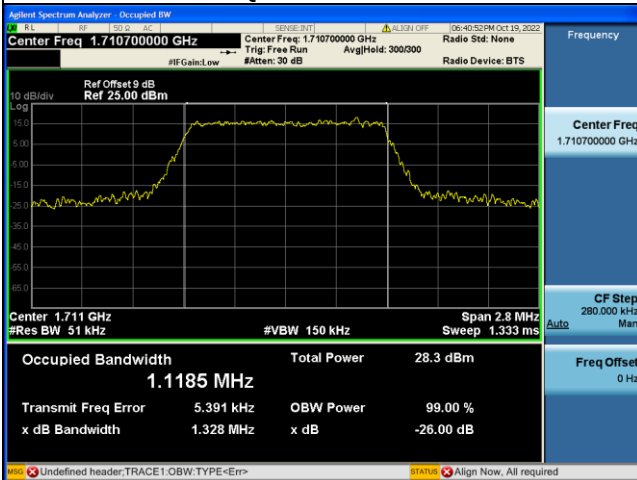
64QAM-41490



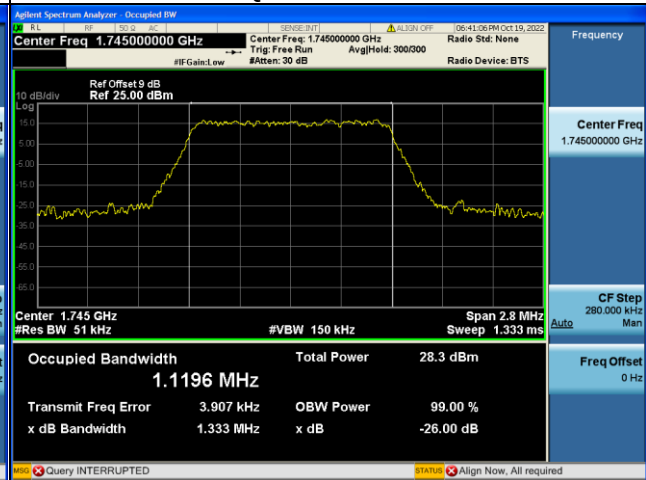
LTE Band 66_1.4M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131979	1710.7	1.1185	131979	1710.7	1.328
132322	1745	1.1196	132322	1745	1.333
132665	1779.3	1.1224	132665	1779.3	1.324
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131979	1710.7	1.1149	131979	1710.7	1.306
132322	1745	1.1098	132322	1745	1.318
132665	1779.3	1.1143	132665	1779.3	1.329
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131979	1710.7	1.1265	131979	1710.7	1.318
132322	1745	1.1197	132322	1745	1.313
132665	1779.3	1.1247	132665	1779.3	1.331

Spectrum Plot

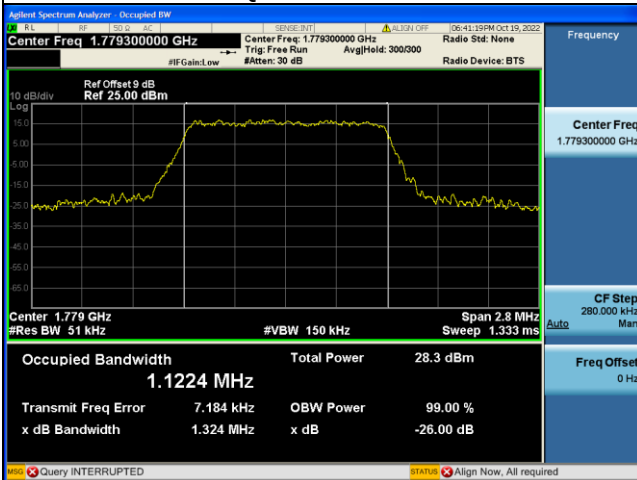
QPSK-131979



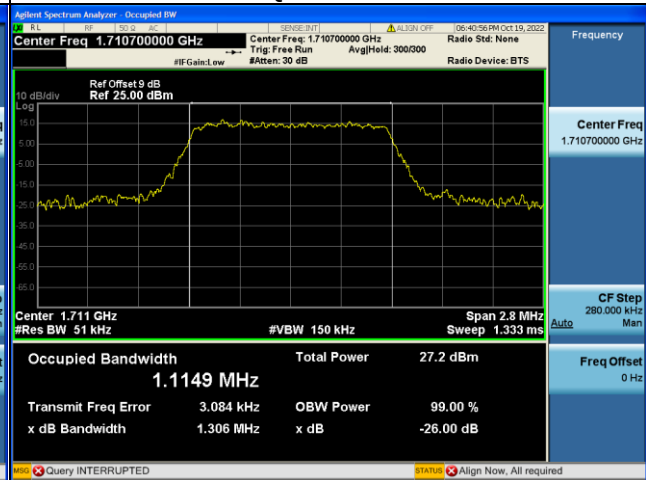
QPSK-132322



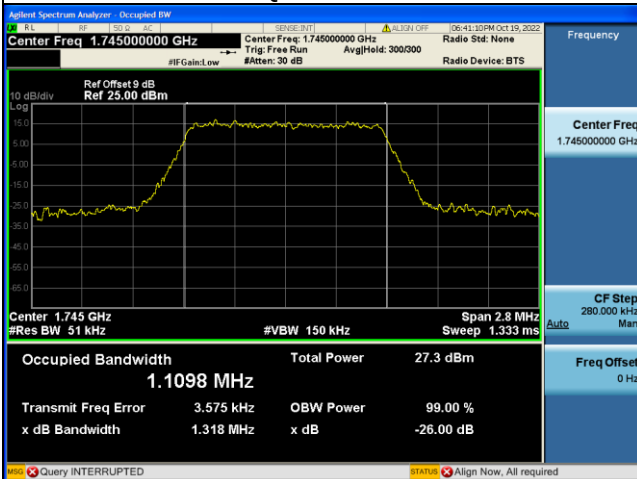
QPSK-132665



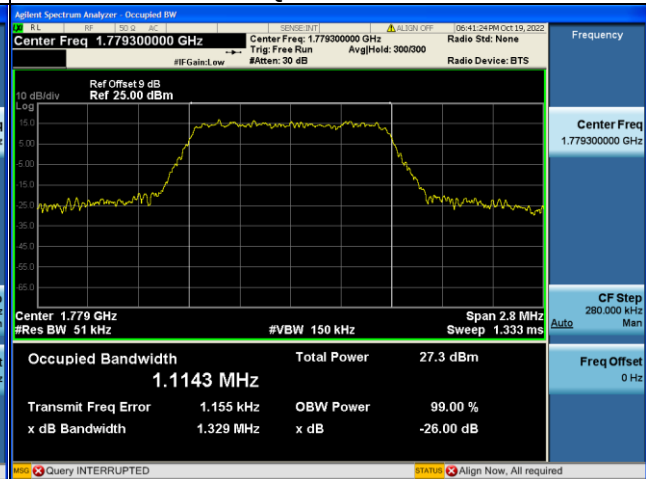
16QAM-131979



16QAM-132322

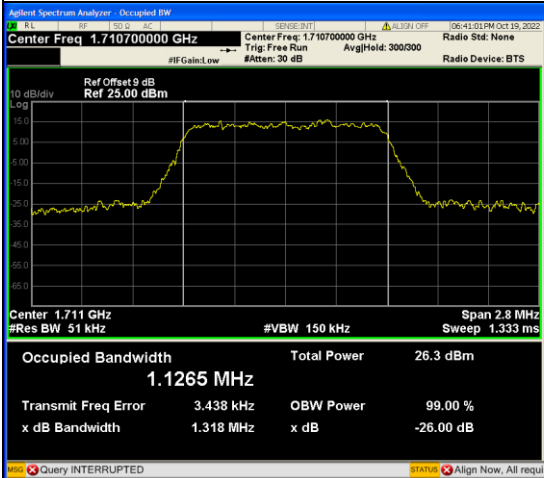


16QAM-132665

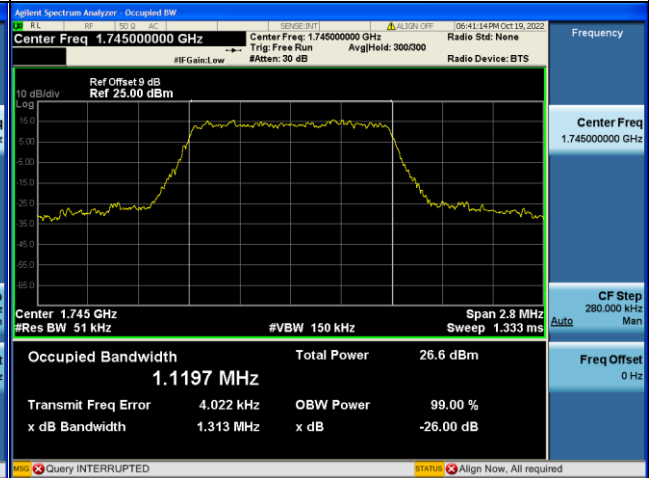


Spectrum Plot

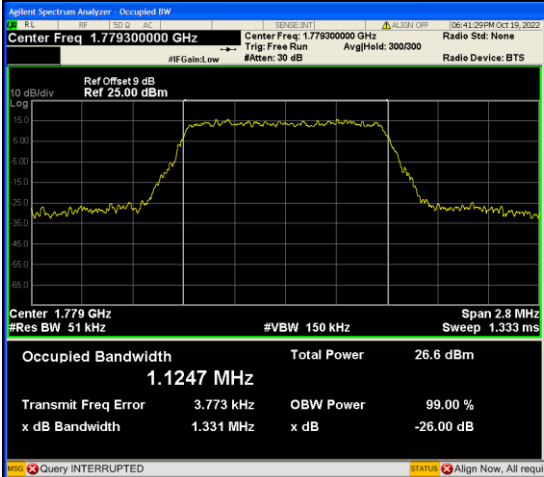
64QAM-131979



64QAM-132322



64QAM-132665



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LTE Band 66_3M					
QPSK					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131987	1711.5	2.7286	131987	1711.5	3.001
132322	1745	2.7254	132322	1745	2.982
132657	1778.5	2.7305	132657	1778.5	2.990
16QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131987	1711.5	2.7125	131987	1711.5	2.993
132322	1745	2.7150	132322	1745	2.954
132657	1778.5	2.7142	132657	1778.5	2.977
64QAM					
Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	Channel	Frequency (MHz)	26dB Bandwidth (MHz)
131987	1711.5	2.7304	131987	1711.5	3.005
132322	1745	2.7204	132322	1745	2.981
132657	1778.5	2.7203	132657	1778.5	3.002