

99% Occupied Bandwidth

Modulation/ Bandwidth	Occupied Bandwidth (MHz)		
	Channel position B	Channel position M	Channel position T
QPSK/ 1.4MHz	1.0882	1.0883	1.0882
QPSK/ 3.0MHz	2.6911	2.6910	2.6917
QPSK/ 5.0MHz	4.4766	4.4768	4.4770
QPSK/ 10.0MHz	8.9377	8.9414	8.9467
QPSK/ 15.0MHz	13.409	13.404	13.378
QPSK/ 20.0MHz	17.855	17.859	17.867

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Bandwidth	Occupied Bandwidth (MHz)		
	Modulation 16QAM/ Channel position M	Modulation 64QAM/ Channel position M	Modulation 256QAM/ Channel position M
1.4MHz	1.0866	1.0886	1.0874
3.0MHz	2.6897	2.6903	2.6914
5.0MHz	4.4597	4.4793	4.4748
10.0MHz	8.9319	8.9420	8.9380
15.0MHz	13.397	13.392	13.407
20.0MHz	17.812	17.858	17.846

Port A, QPSK/1.4MHz Channel Position B



Port A, QPSK/1.4MHz Channel Position M



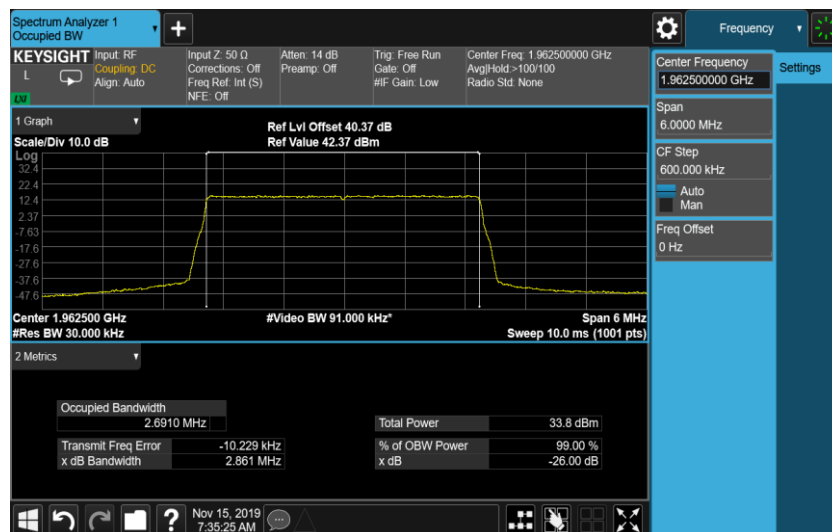
Port A, QPSK/1.4MHz Channel Position T



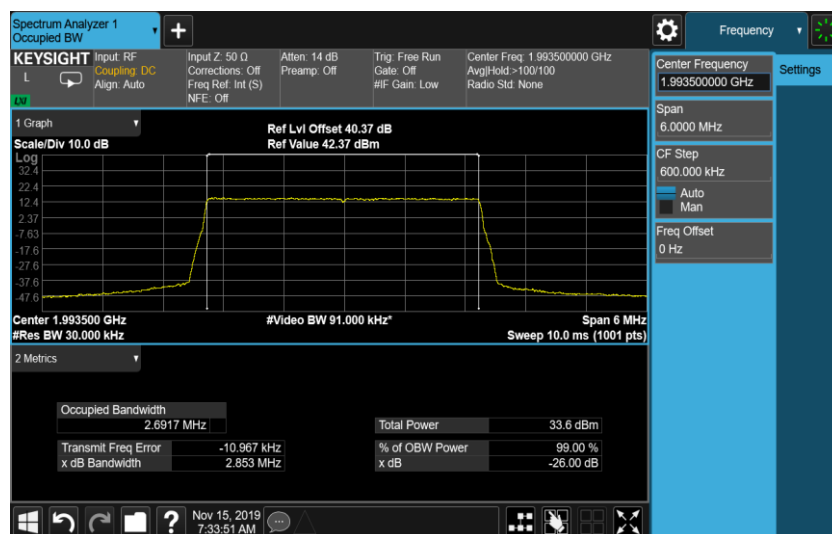
Port A, QPSK/3.0MHz Channel Position B



Port A, QPSK/3.0MHz Channel Position M



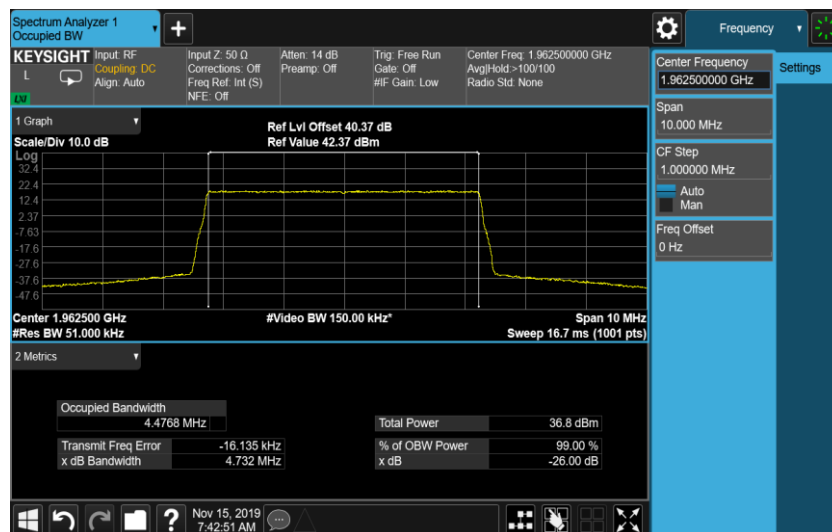
Port A, QPSK/3.0MHz Channel Position T



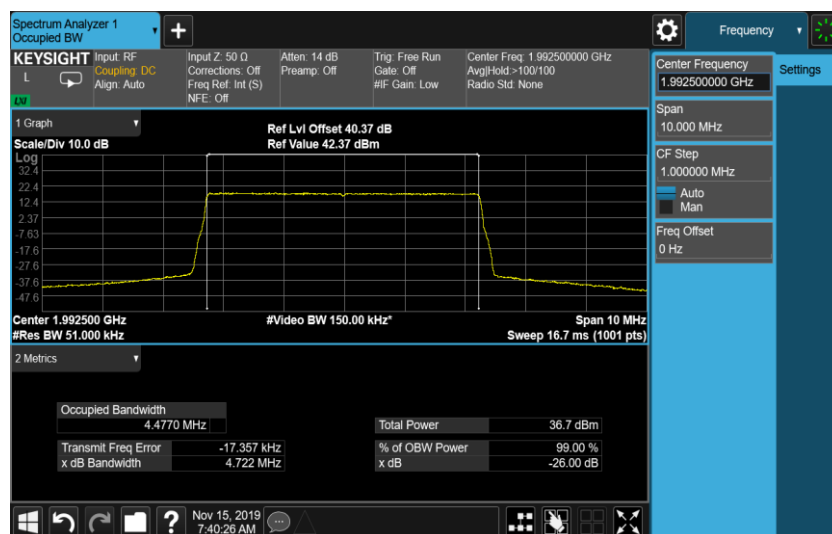
Port A, QPSK/5.0MHz Channel Position B



Port A, QPSK/5.0MHz Channel Position M



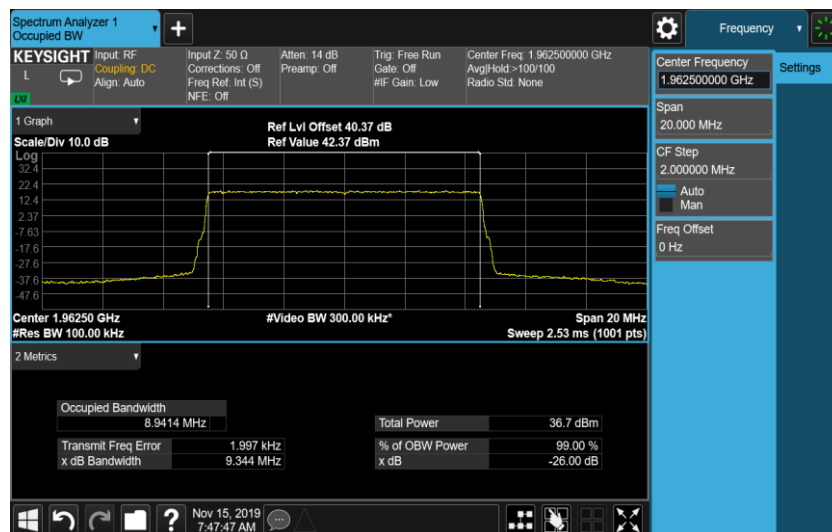
Port A, QPSK/5.0MHz Channel Position T



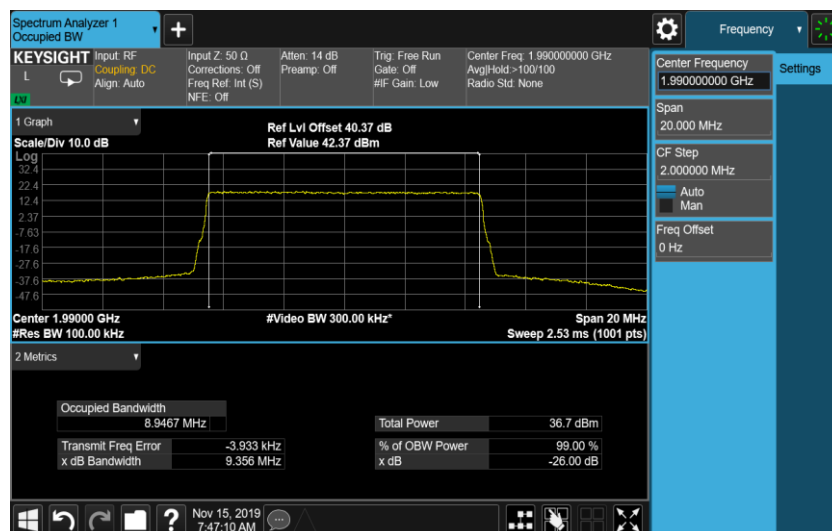
Port A, QPSK/10.0MHz Channel Position B



Port A, QPSK/10.0MHz Channel Position M



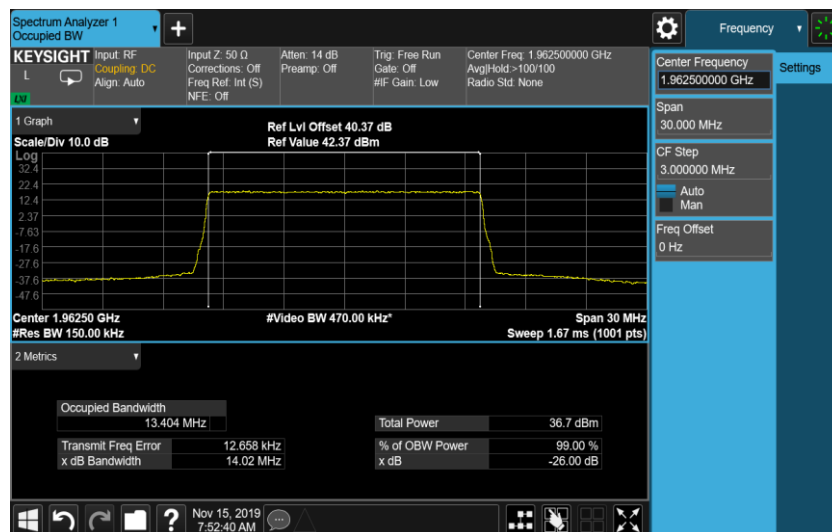
Port A, QPSK/10.0MHz Channel Position T



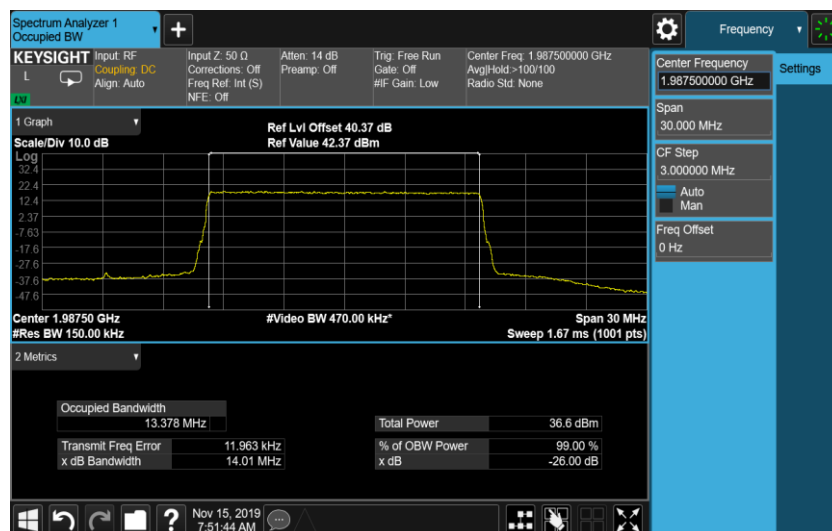
Port A, QPSK/15.0MHz Channel Position B



Port A, QPSK/15.0MHz Channel Position M



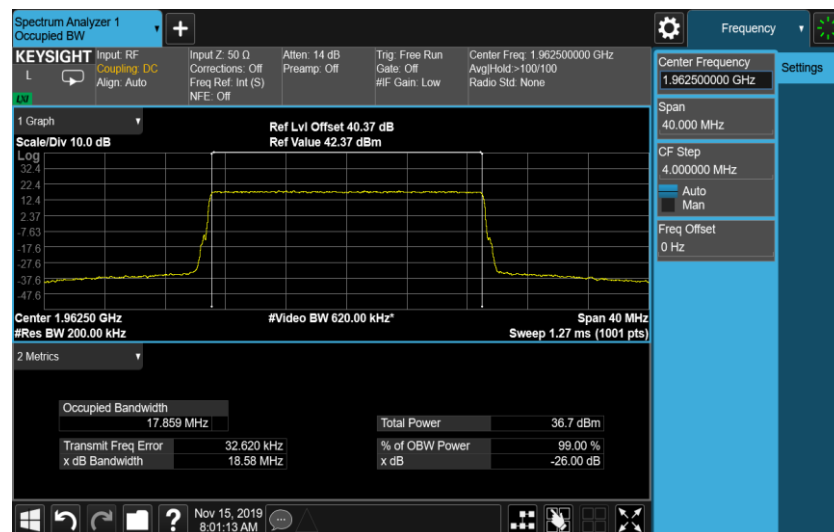
Port A, QPSK/15.0MHz Channel Position T



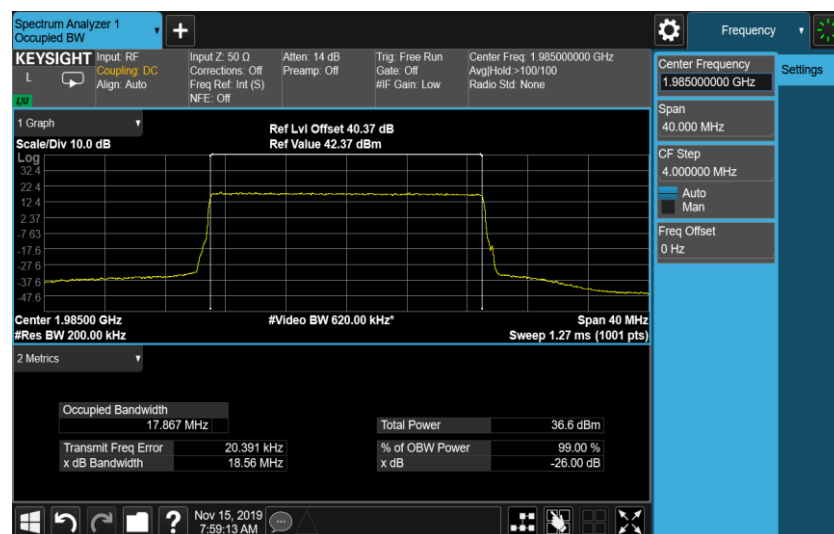
Port A, QPSK/20.0MHz Channel Position B



Port A, QPSK/20.0MHz Channel Position M



Port A, QPSK/20.0MHz Channel Position T



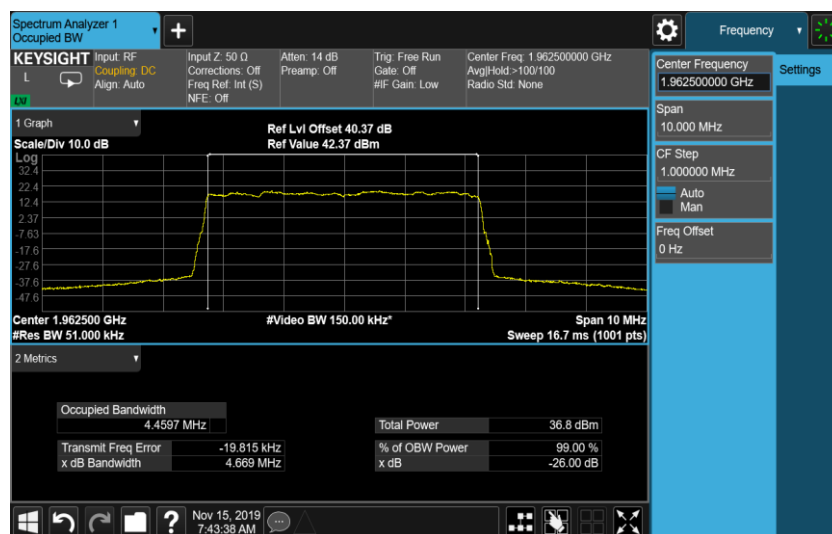
Port A, 16QAM/1.4MHz Channel Position M



Port A, 16QAM/3.0MHz Channel Position M



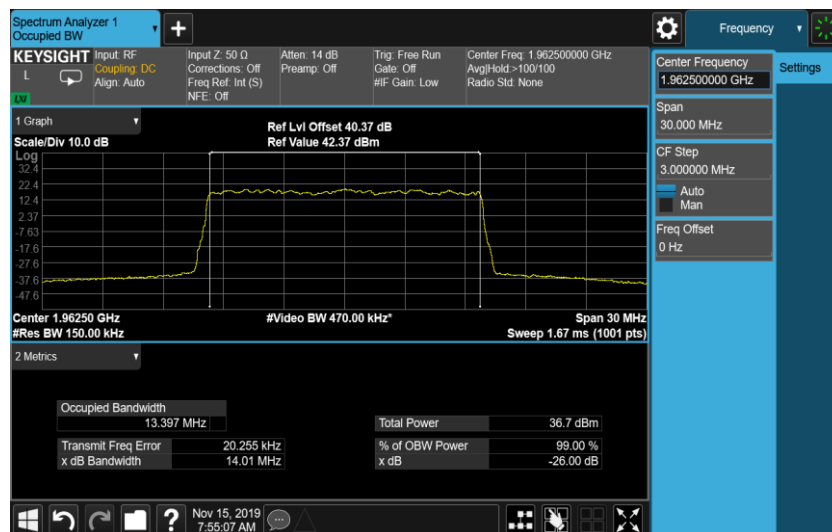
Port A, 16QAM/5.0MHz Channel Position M



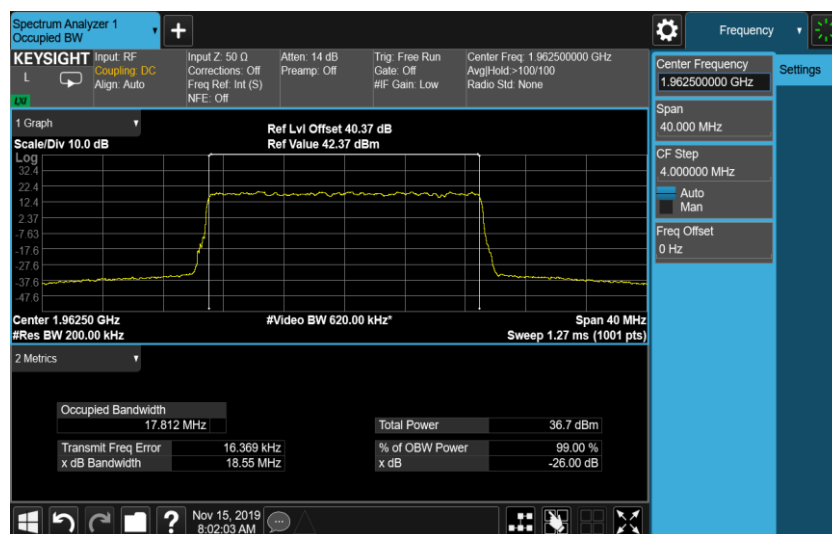
Port A, 16QAM/10.0MHz Channel Position M



Port A, 16QAM/15.0MHz Channel Position M



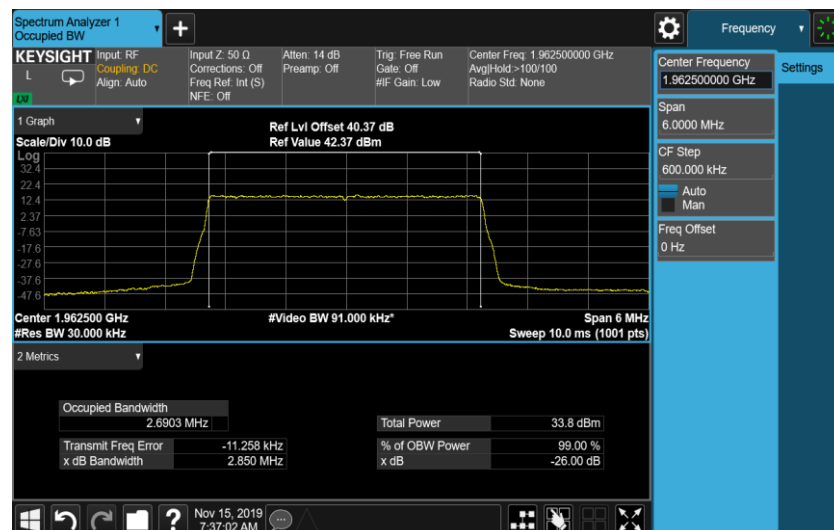
Port A, 16QAM/20.0MHz Channel Position M



Port A, 64QAM/1.4MHz Channel Position M



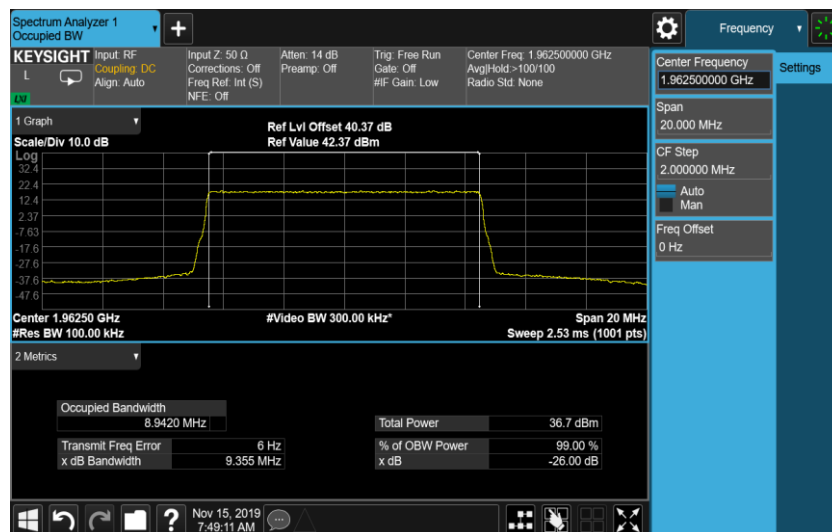
Port A, 64QAM/3.0MHz Channel Position M



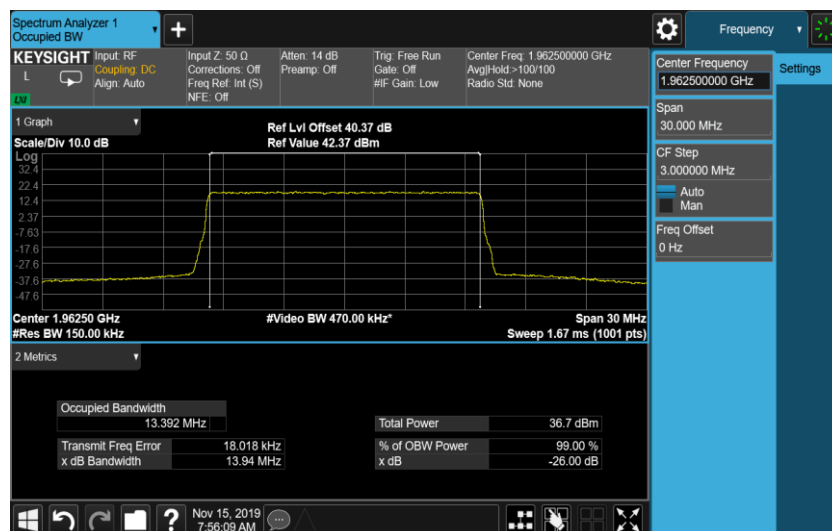
Port A, 64QAM/5.0MHz Channel Position M



Port A, 64QAM/10.0MHz Channel Position M



Port A, 64QAM/15.0MHz Channel Position M



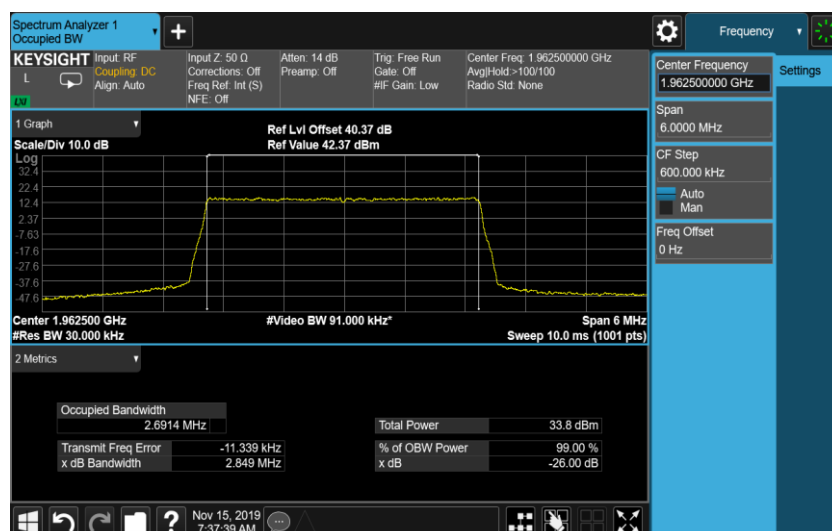
Port A, 64QAM/20.0MHz Channel Position M



Port A, 256QAM/1.4MHz Channel Position M



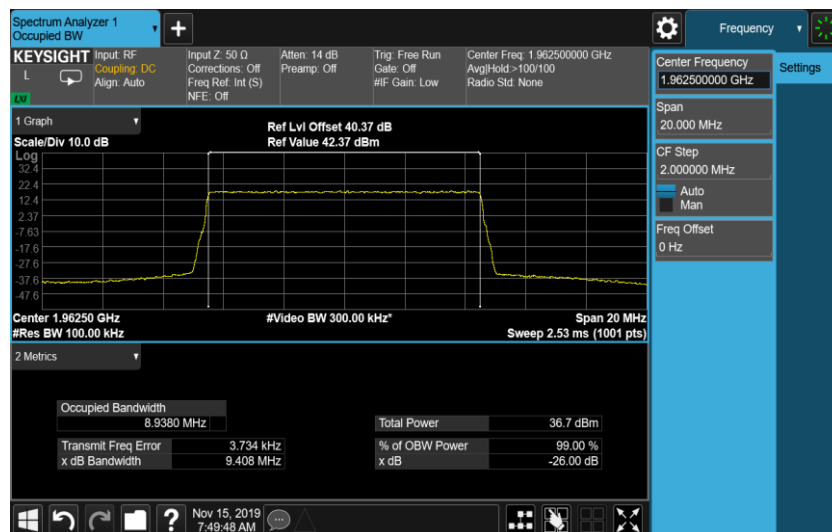
Port A, 256QAM/3.0MHz Channel Position M



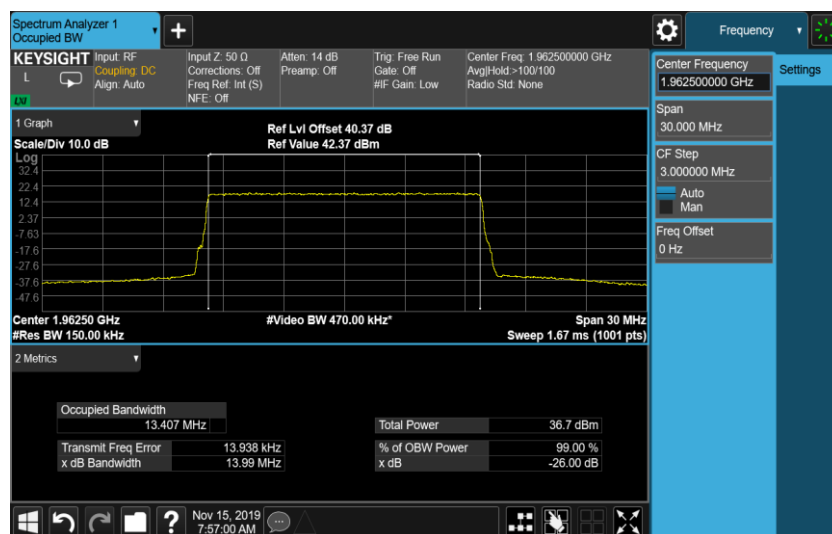
Port A, 256QAM/5.0MHz Channel Position M



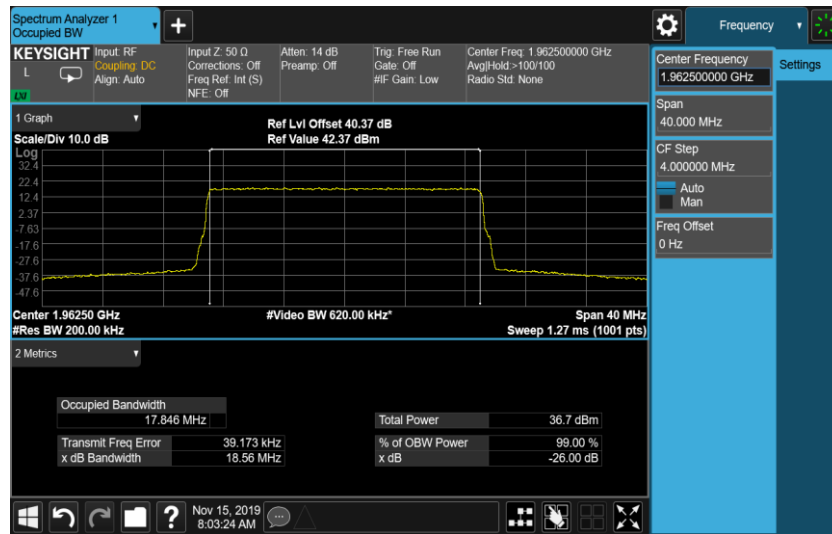
Port A, 256QAM/10.0MHz Channel Position M



Port A, 256QAM/15.0MHz Channel Position M



Port A, 256QAM/20.0MHz Channel Position M



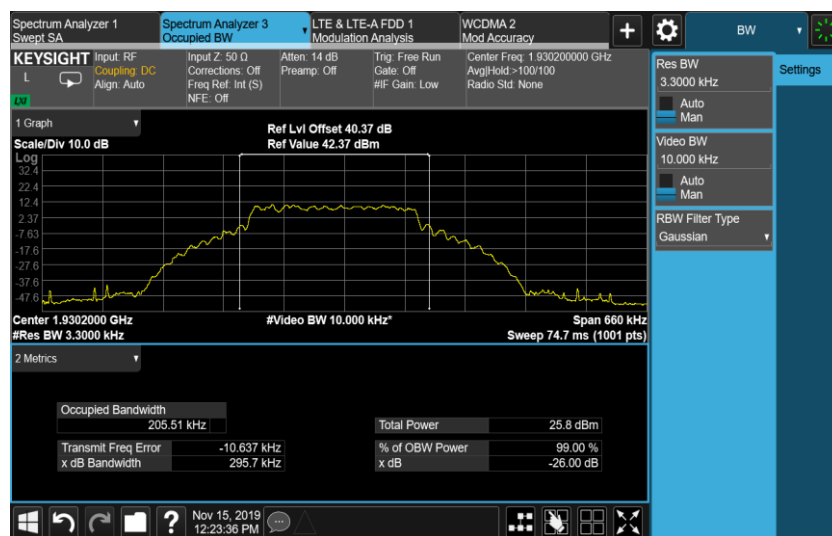
Configuration NB-IoT-Standalone-1C -26dBc Occupied Bandwidth

Modulation	Occupied Bandwidth (KHz)		
	Channel position B	Channel position M	Channel position T
QPSK	295.7	295.0	295.7

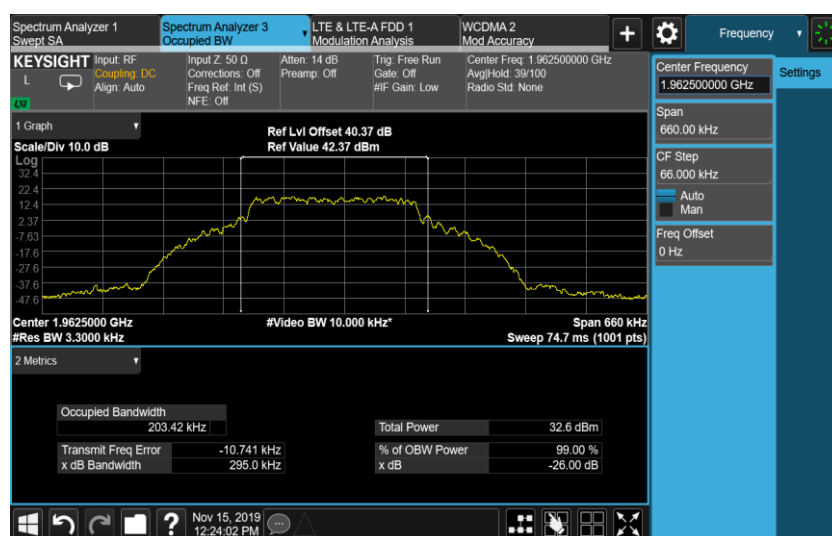
99% Occupied Bandwidth

Modulation	Occupied Bandwidth (KHz)		
	Channel position B	Channel position M	Channel position B
QPSK	205.51	203.42	204.31

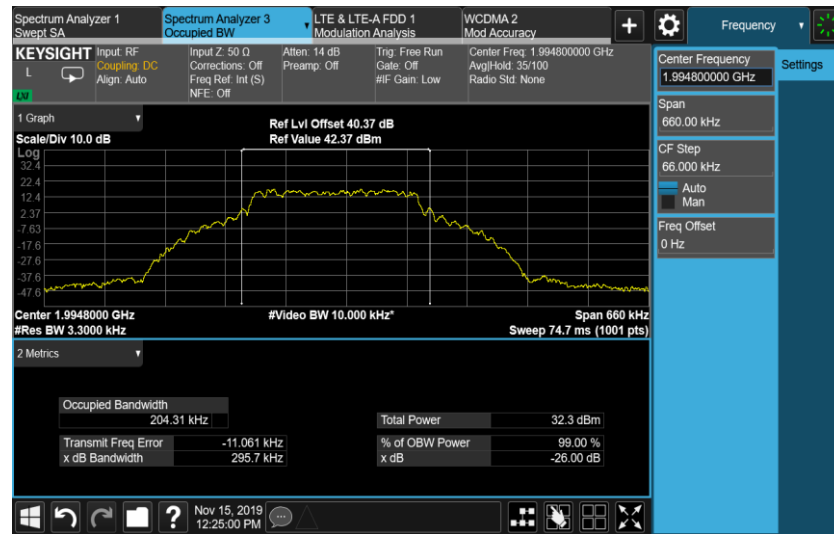
Port A, QPSK Channel Position B



Port A, QPSK Channel Position M



Port A, QPSK Channel Position T



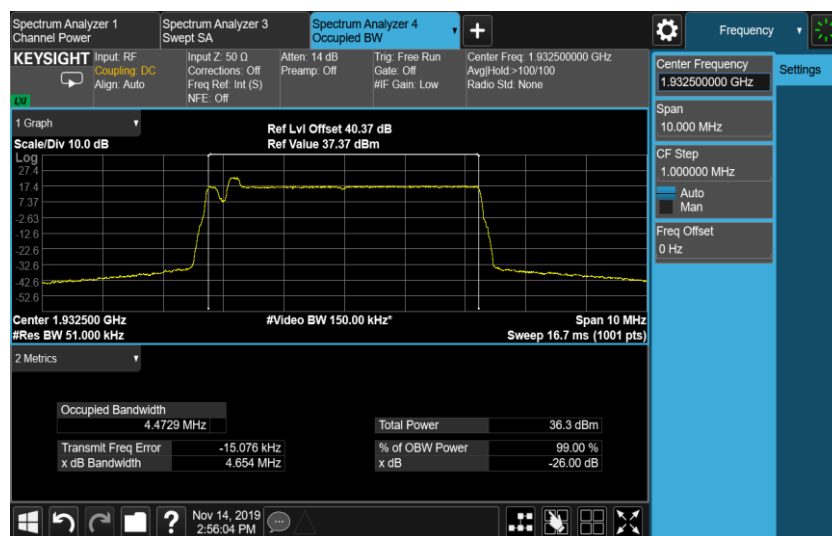
Configuration NB-IoT-InBand-1C -26dBc Occupied Bandwidth

Modulation	Occupied Bandwidth (MHz)		
	Channel position B	Channel position M	Channel position T
QPSK/5.0M	4.654	4.646	4.651
QPSK/10.0M	9.286	9.284	9.273
QPSK/15.0M	13.830	13.830	13.840
QPSK/20.0M	18.520	18.490	18.510

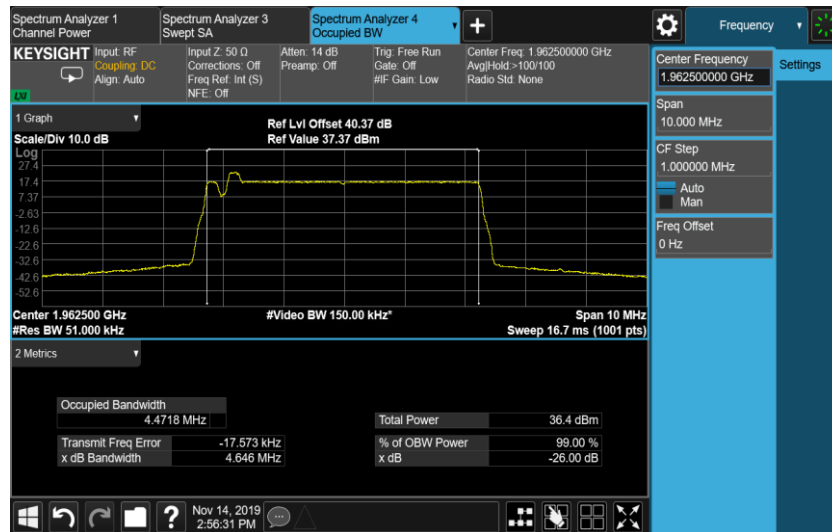
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Modulation	Occupied Bandwidth (MHz)		
	Channel position B	Channel position M	Channel position B
QPSK/5.0M	4.4729	4.4718	4.4735
QPSK/10.0M	8.9381	8.9403	8.9422
QPSK/15.0M	13.128	13.140	13.147
QPSK/20.0M	17.838	17.844	17.843

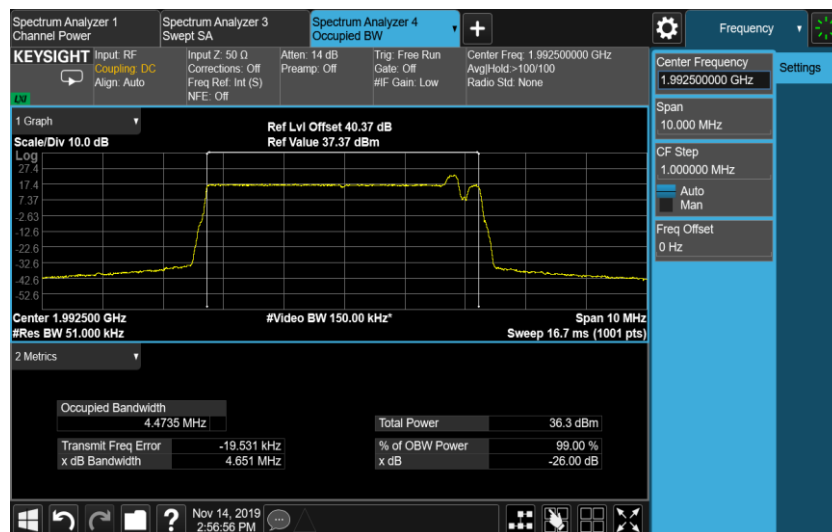
Port A, QPSK/5.0MHz Channel Position B



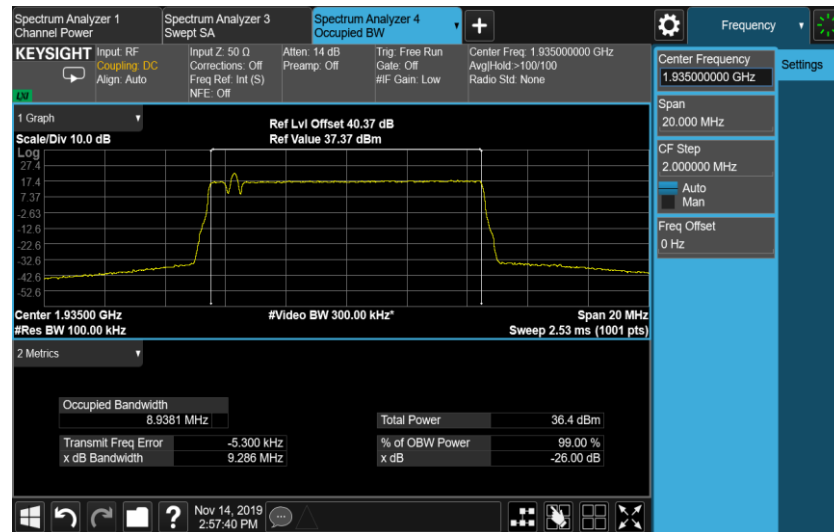
Port A, QPSK/5.0MHz Channel Position M



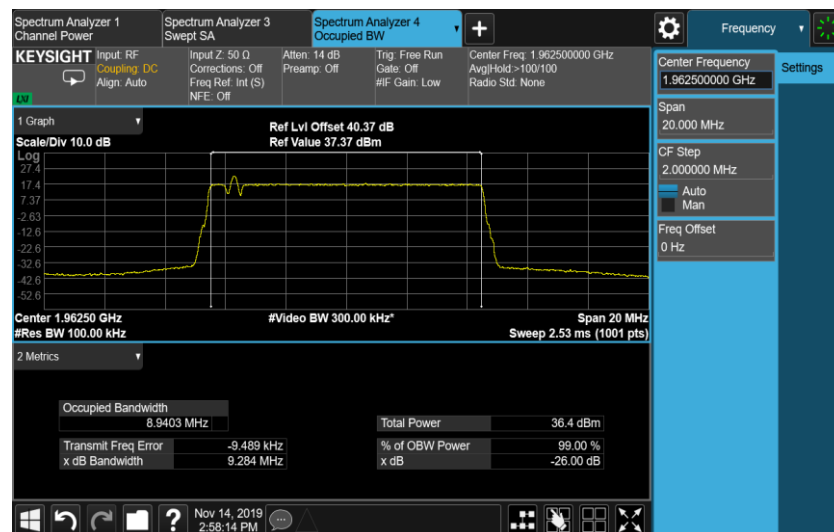
Port A, QPSK/5.0MHz Channel Position T



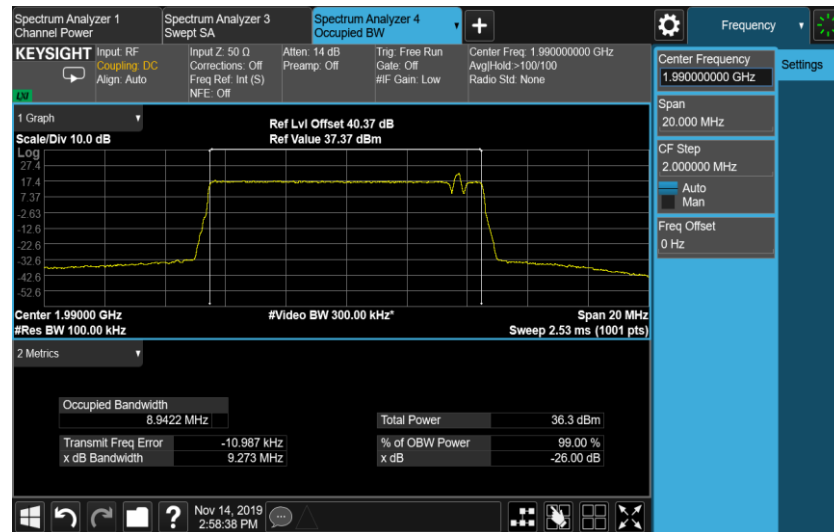
Port A, QPSK/10.0MHz Channel Position B



Port A, QPSK/10.0MHz Channel Position M



Port A, QPSK/10.0MHz Channel Position T



Port A, QPSK/15.0MHz Channel Position B

