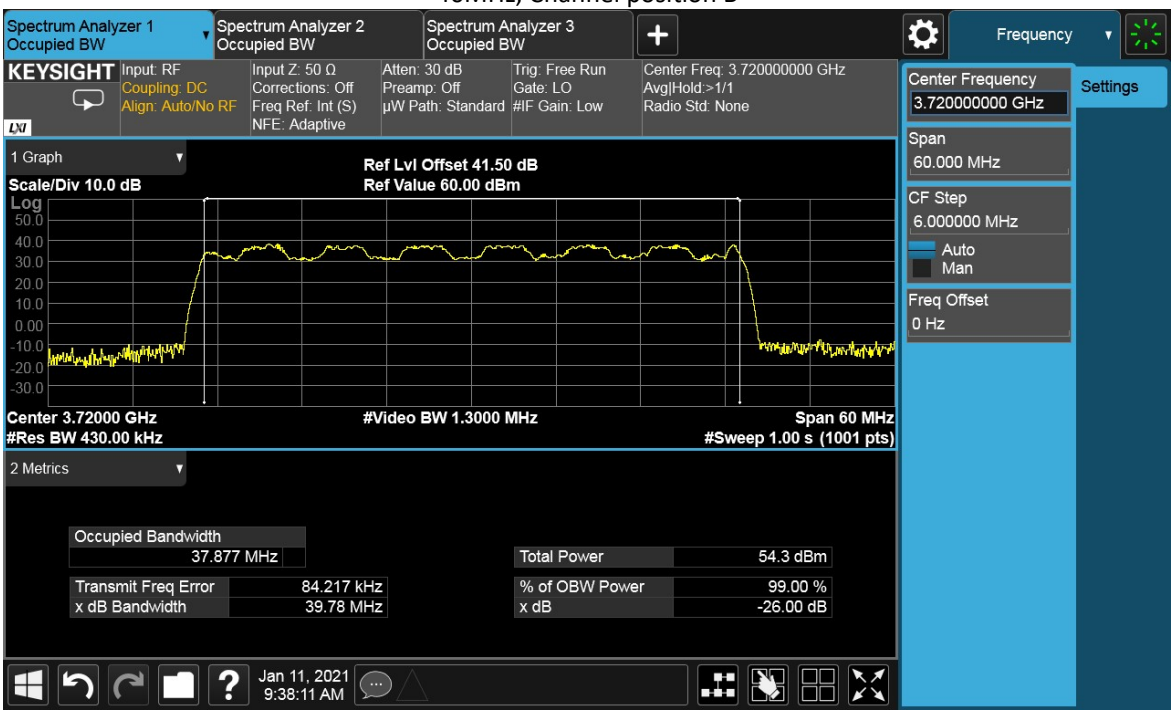
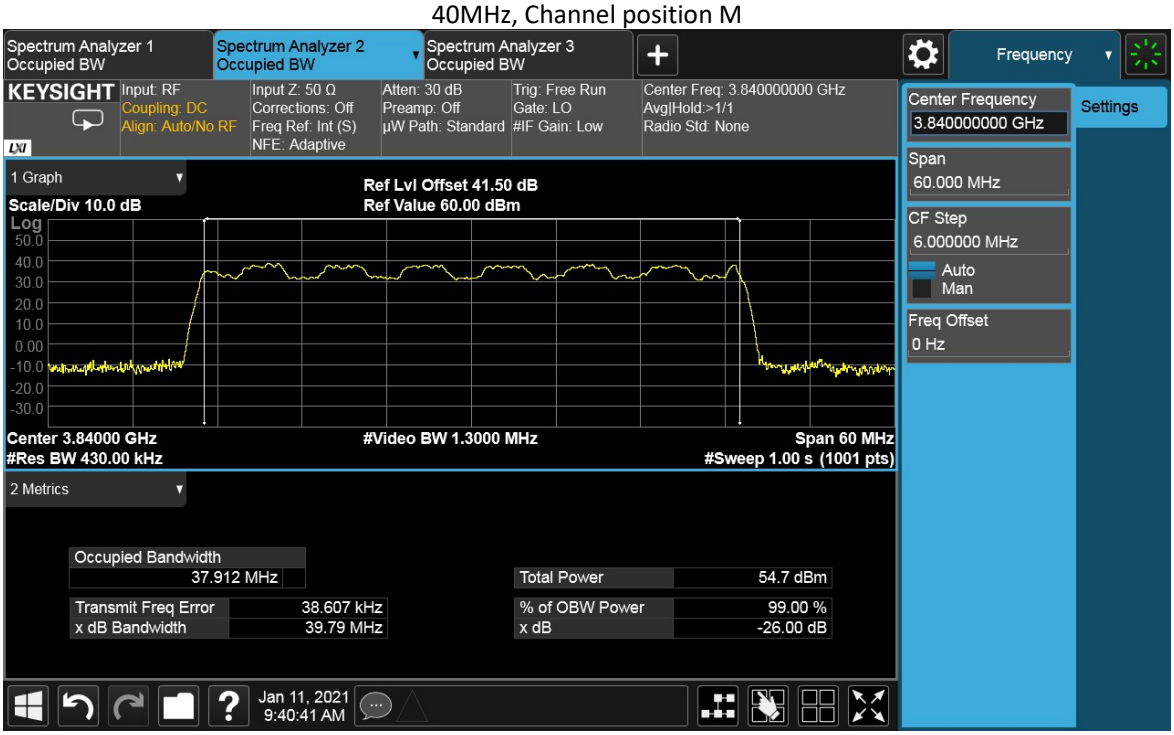
TEST REPORT

40MHz, Channel position B

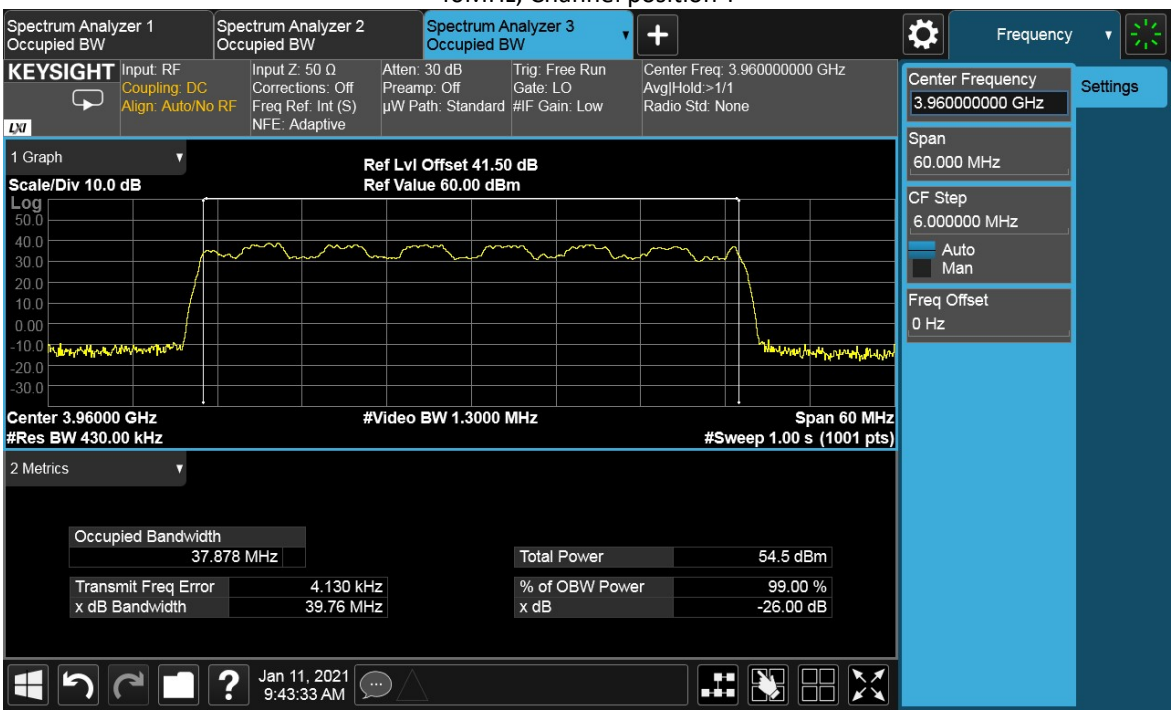


40MHz, Channel position M

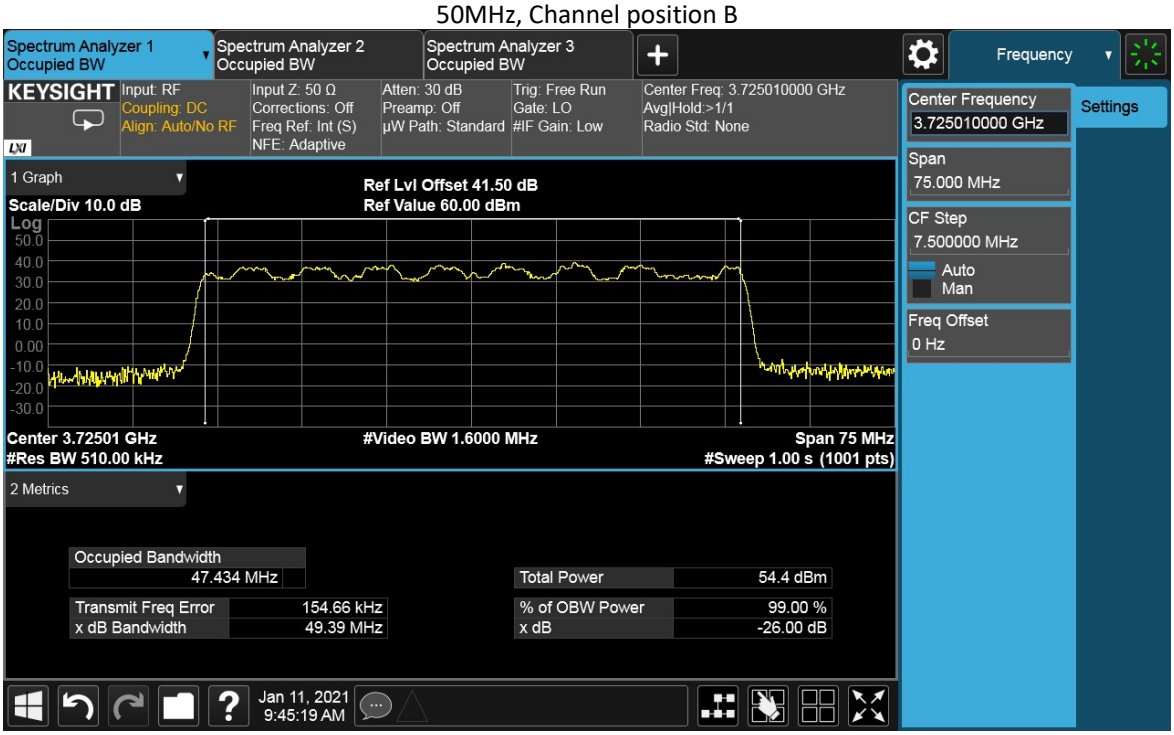


TEST REPORT

40MHz, Channel position T

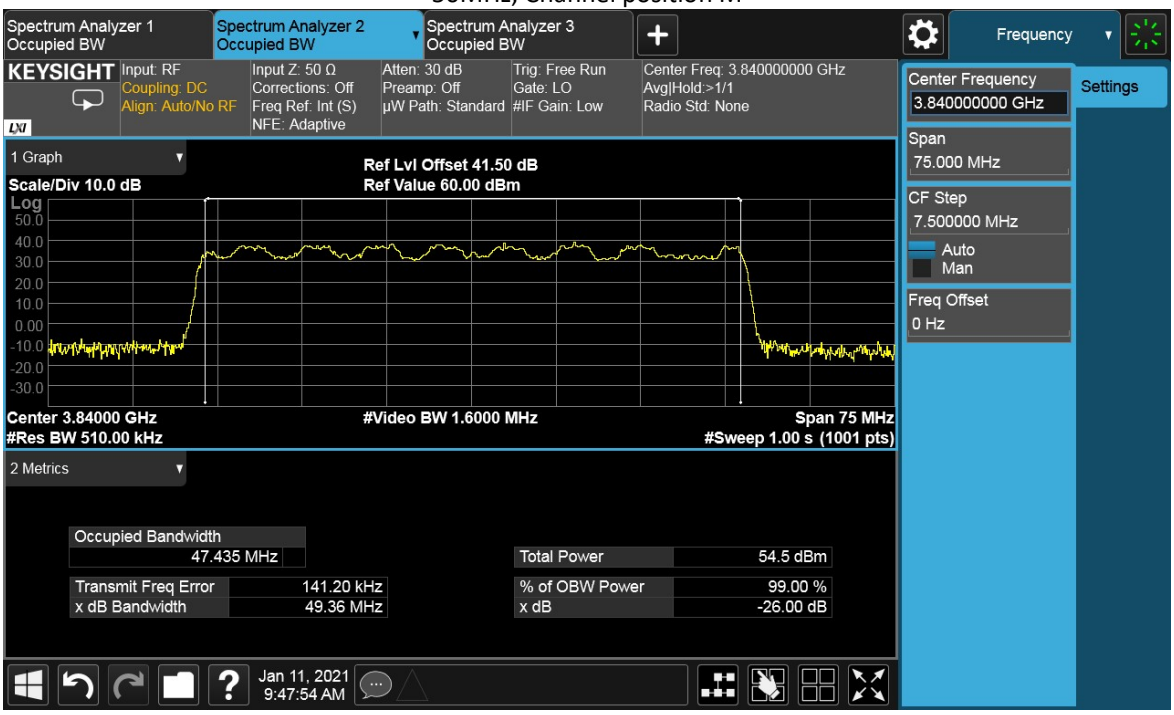


50MHz, Channel position B

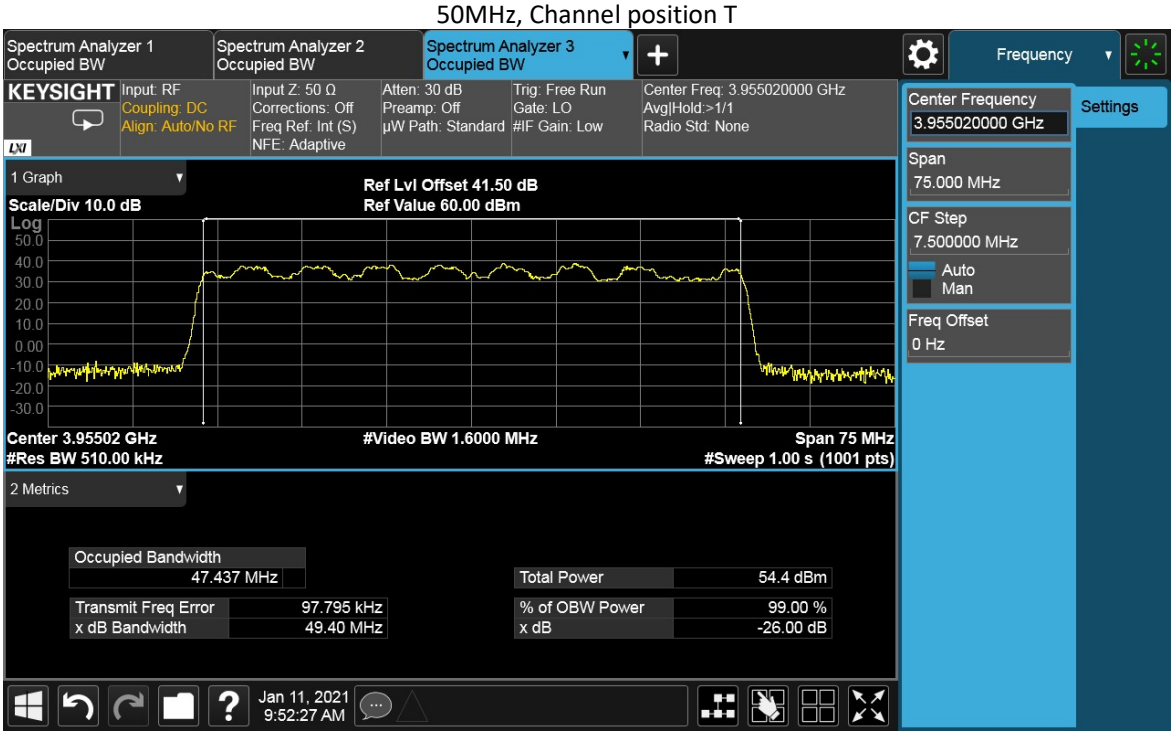


TEST REPORT

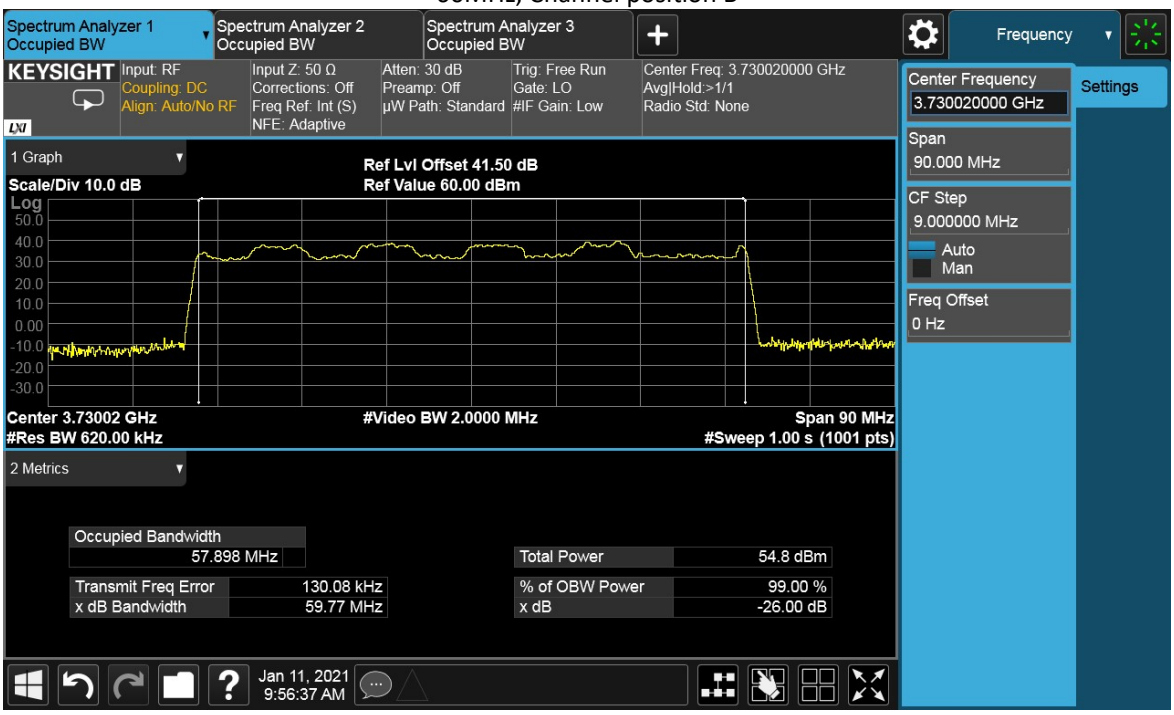
50MHz, Channel position M



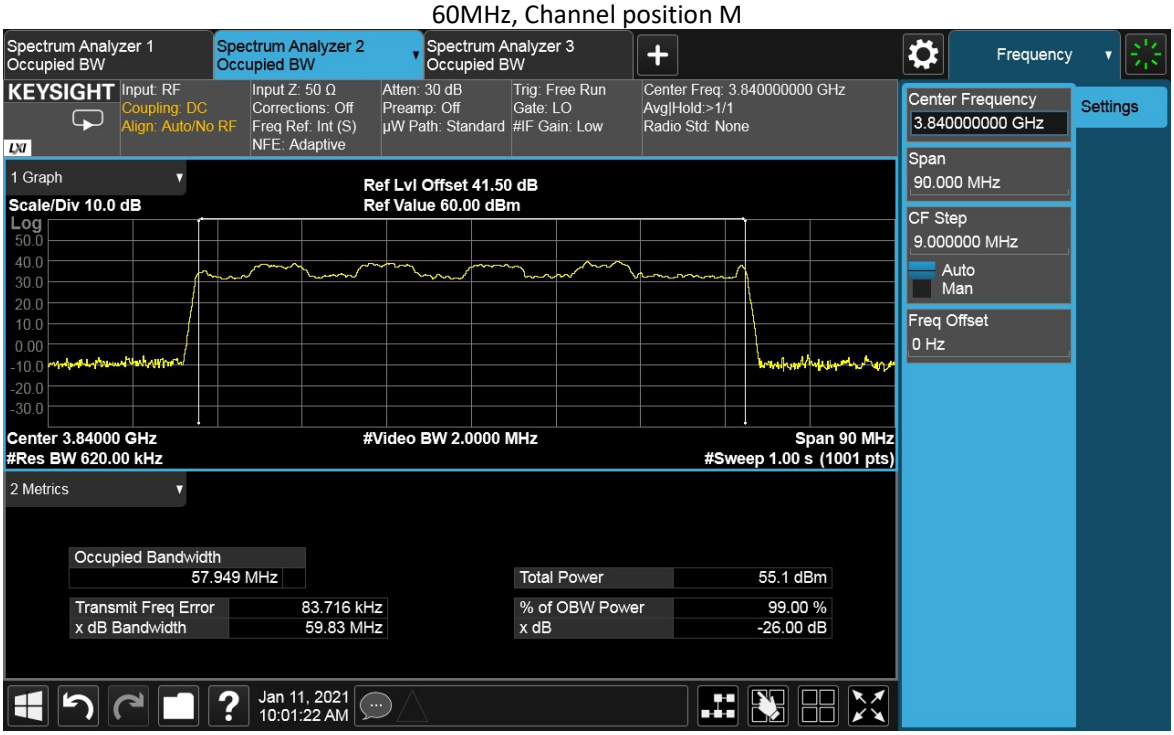
50MHz, Channel position T



60MHz, Channel position B

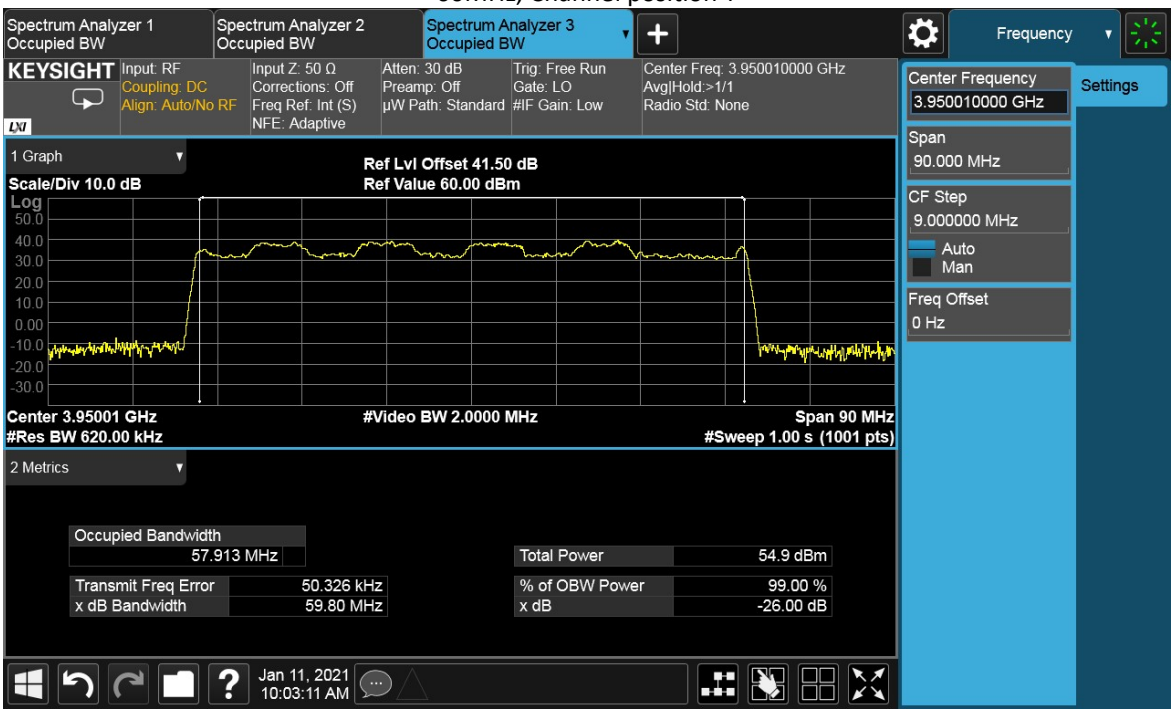


60MHz, Channel position M

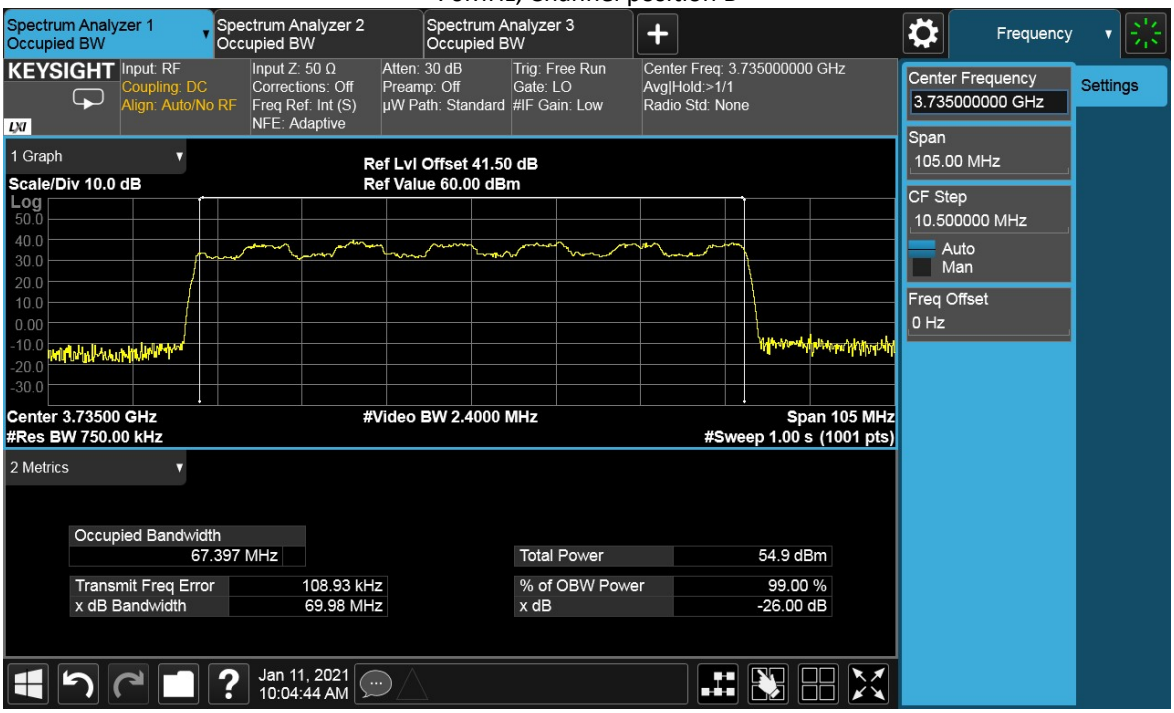


TEST REPORT

60MHz, Channel position T

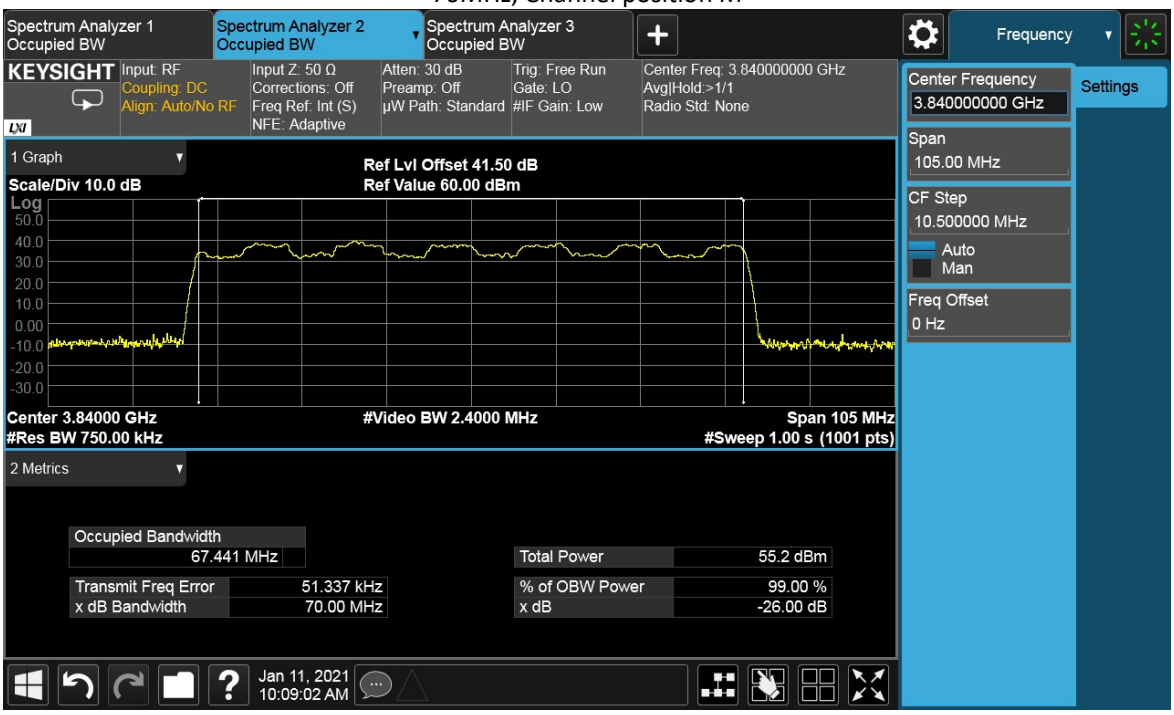


70MHz, Channel position B

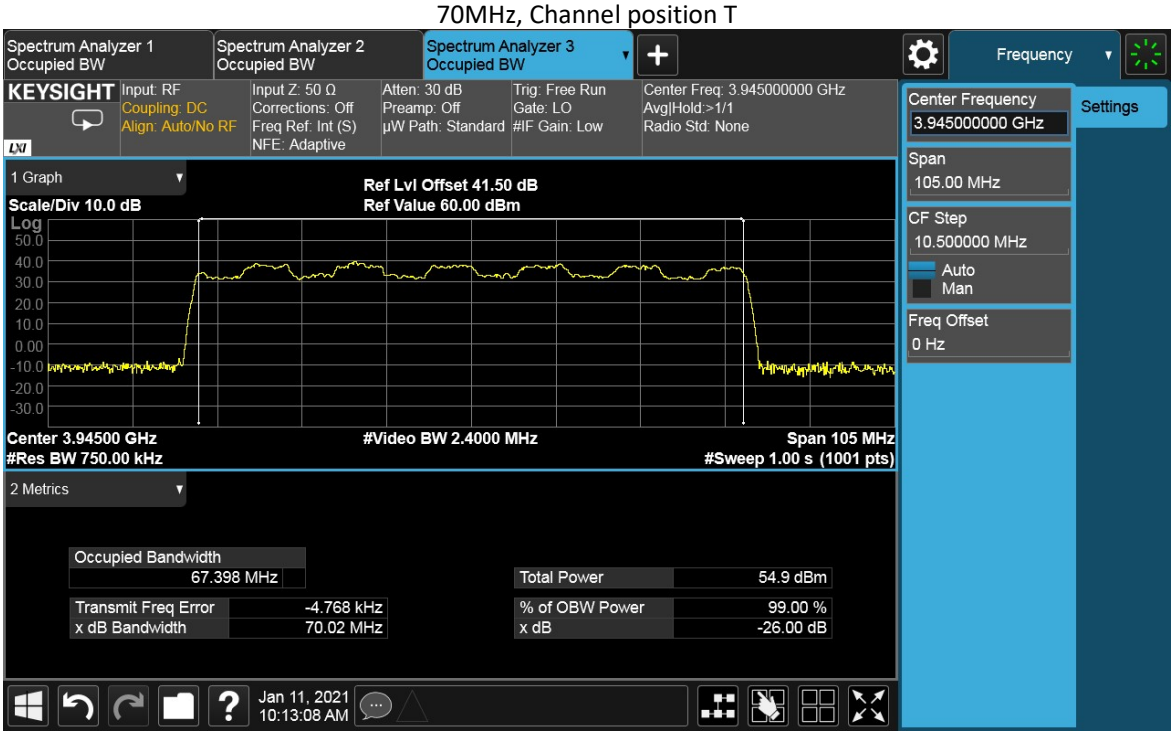


TEST REPORT

70MHz, Channel position M

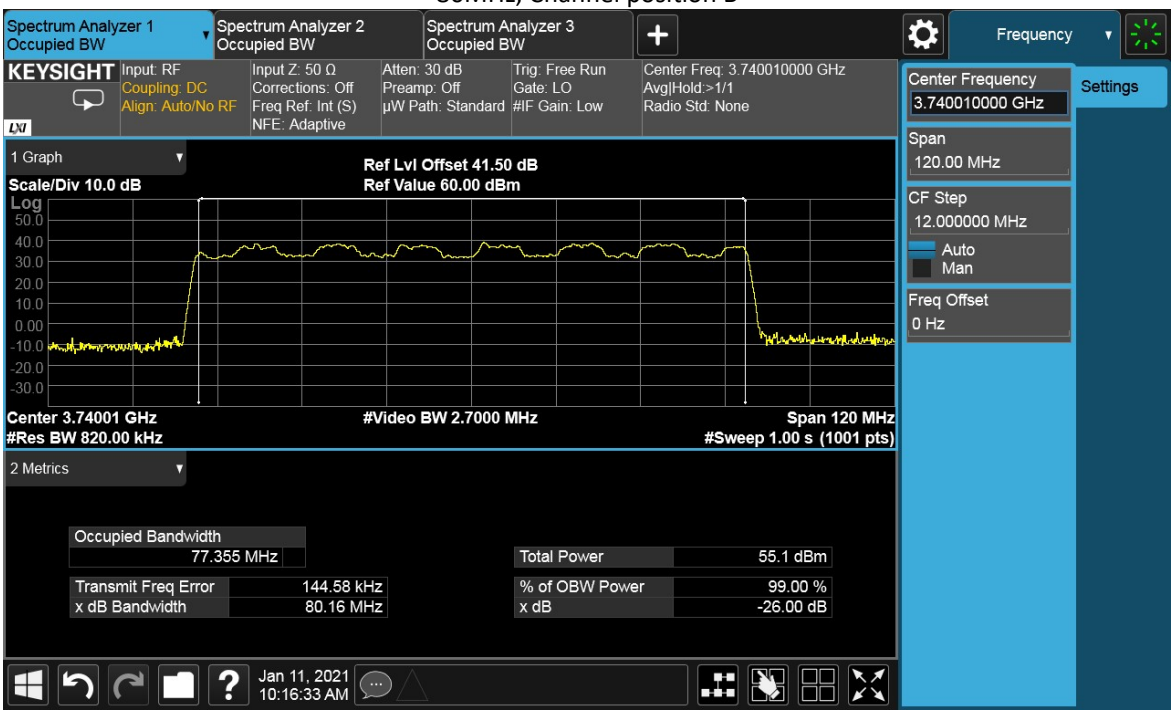


70MHz, Channel position T

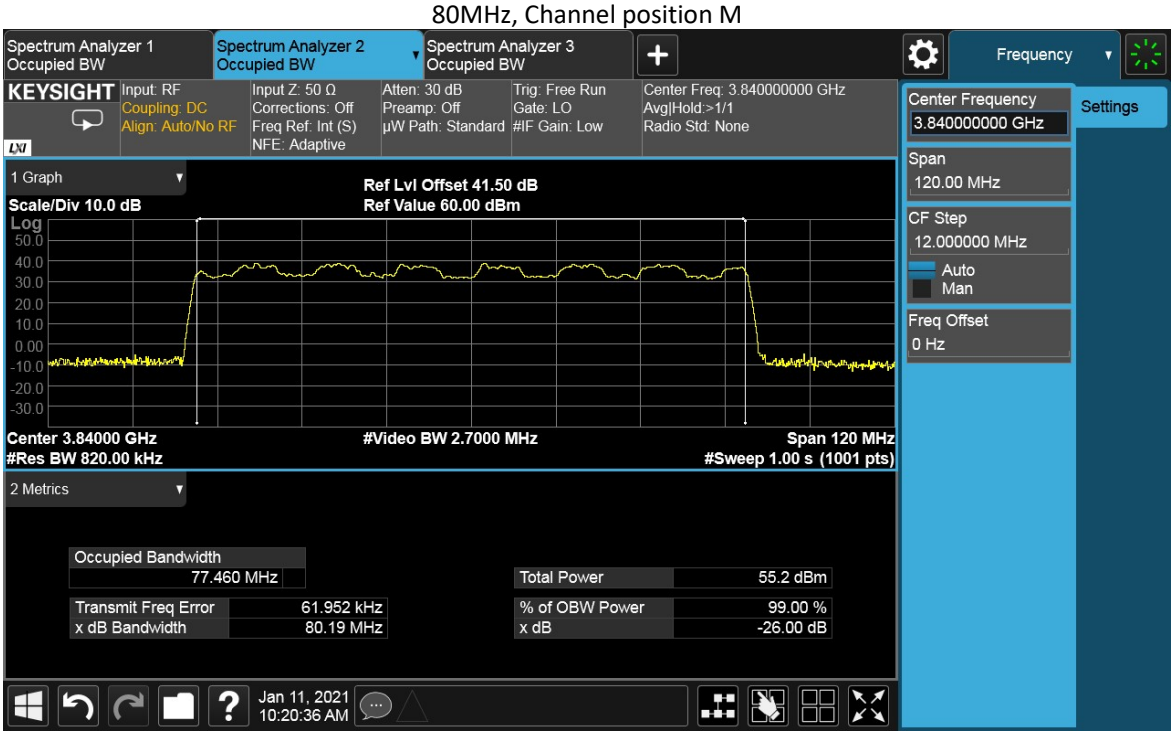


TEST REPORT

80MHz, Channel position B

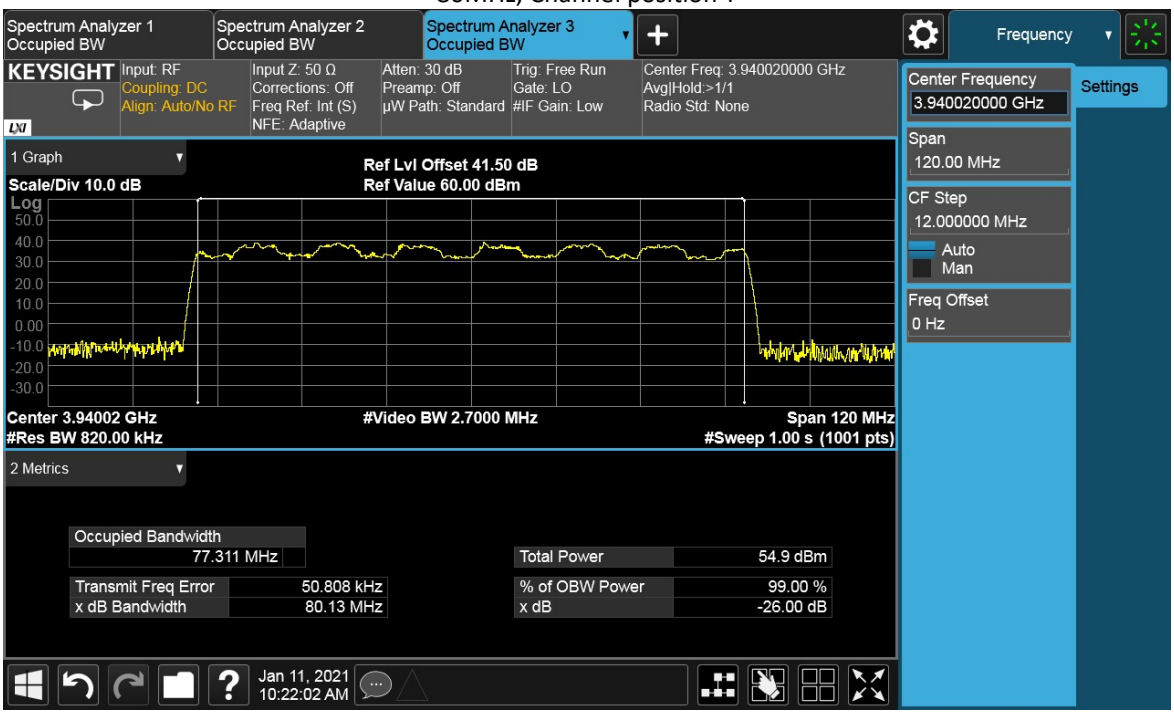


80MHz, Channel position M

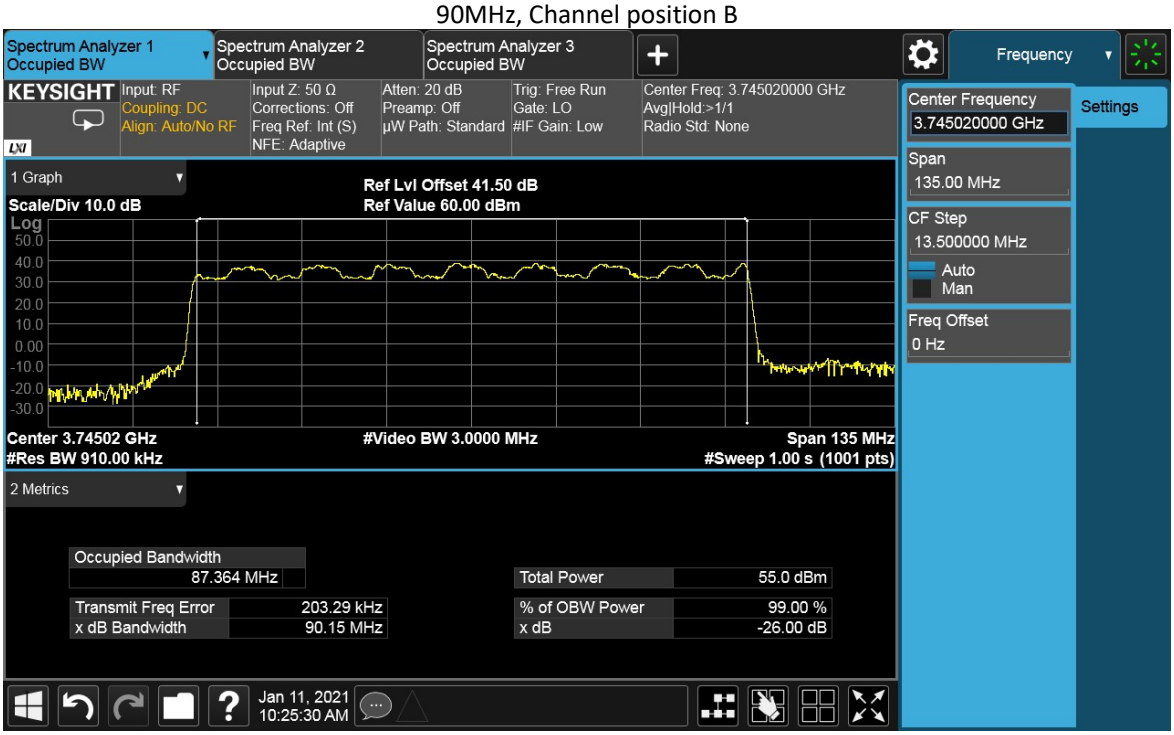


TEST REPORT

80MHz, Channel position T

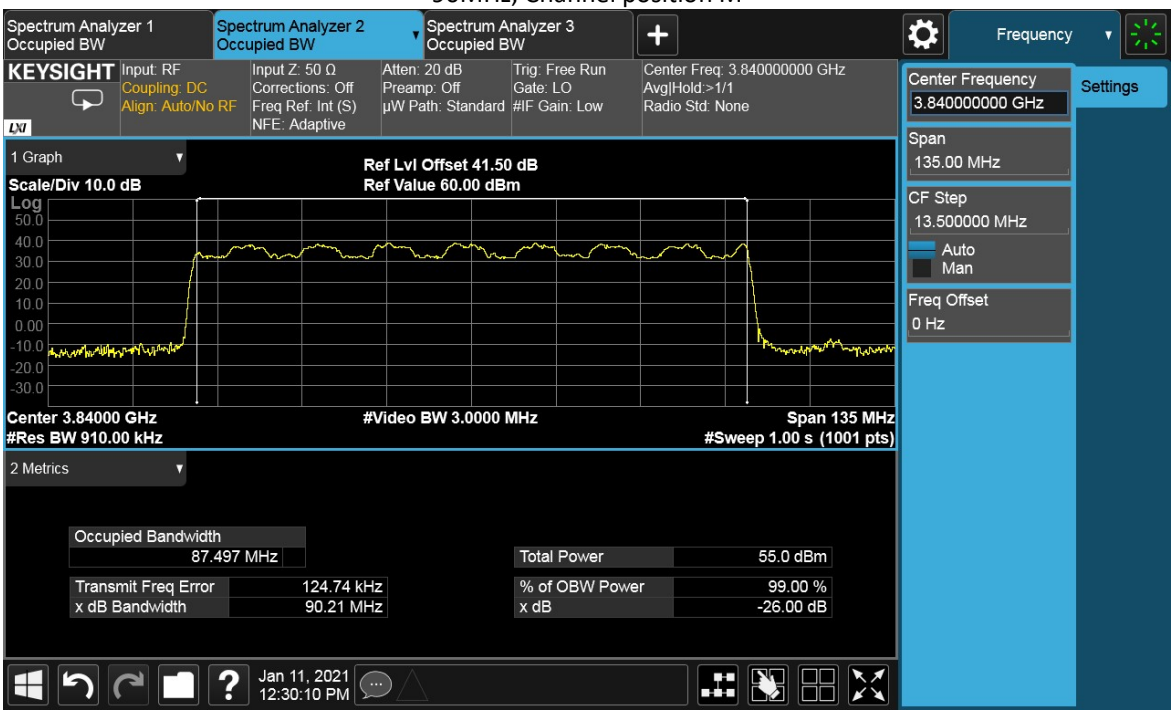


90MHz, Channel position B

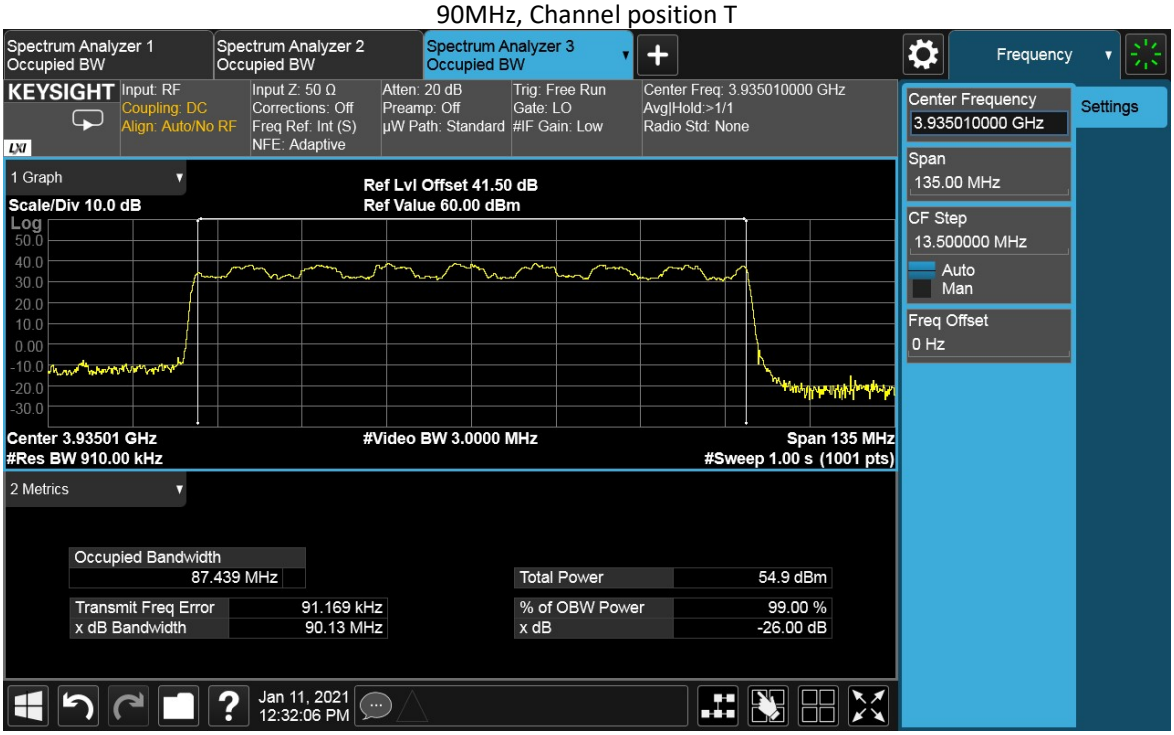


TEST REPORT

90MHz, Channel position M

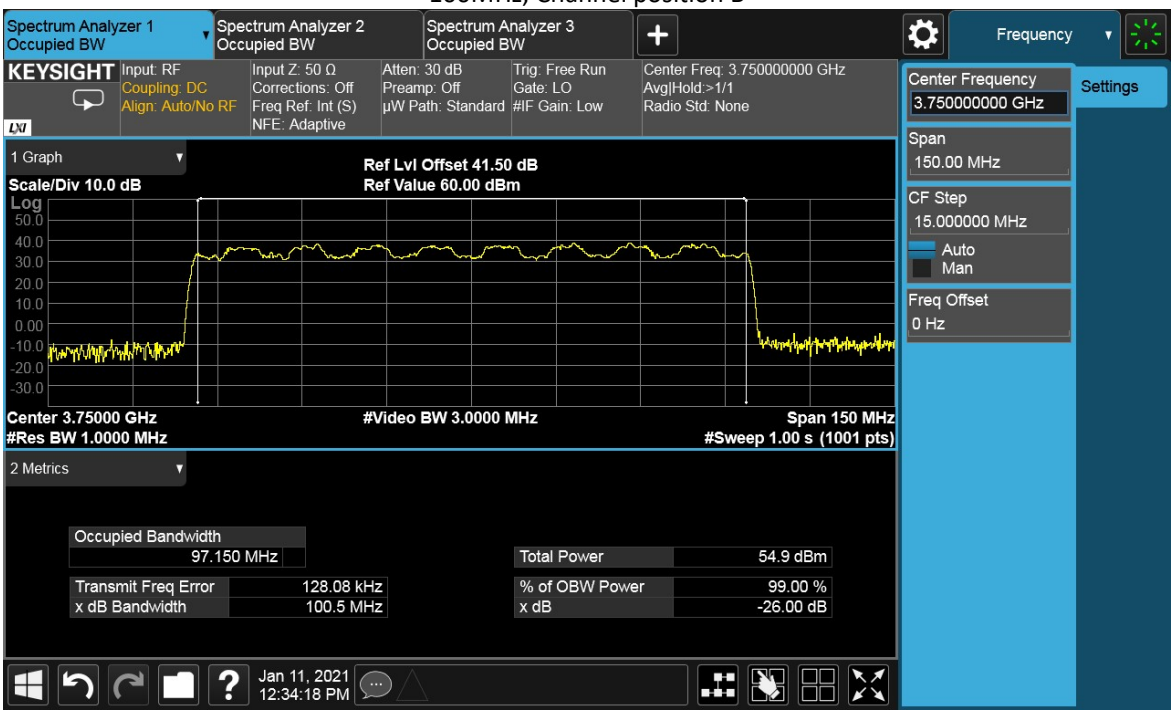


90MHz, Channel position T

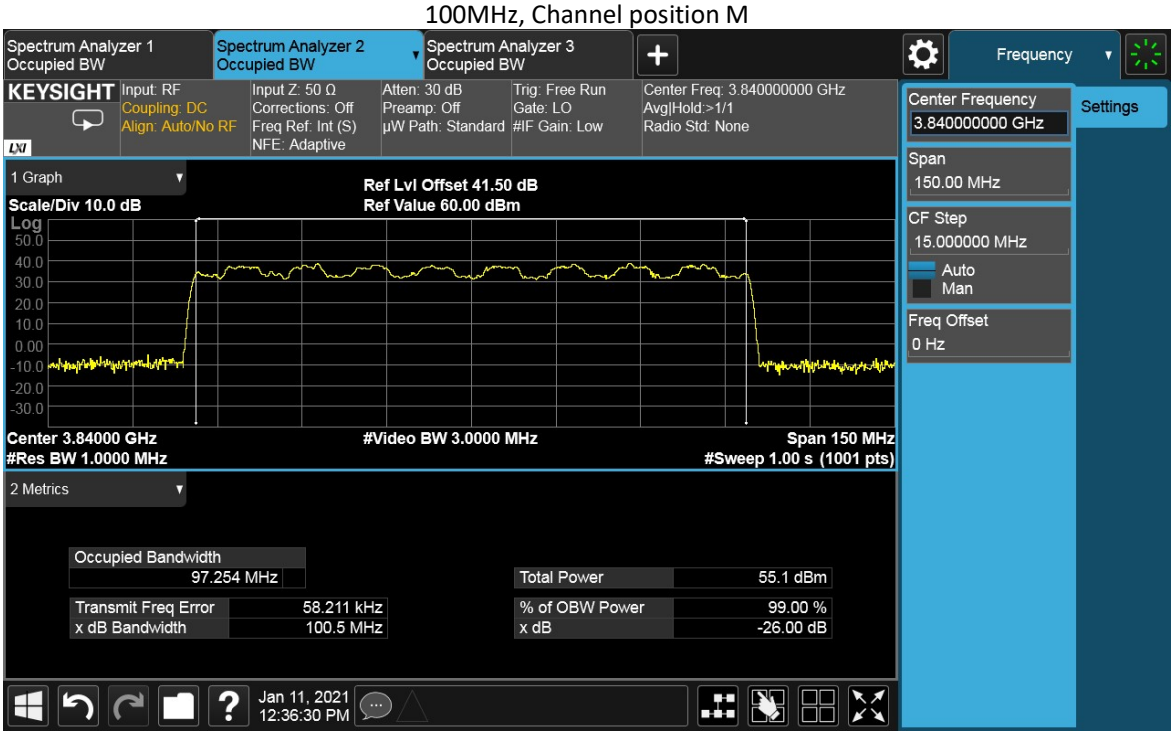


TEST REPORT

100MHz, Channel position B

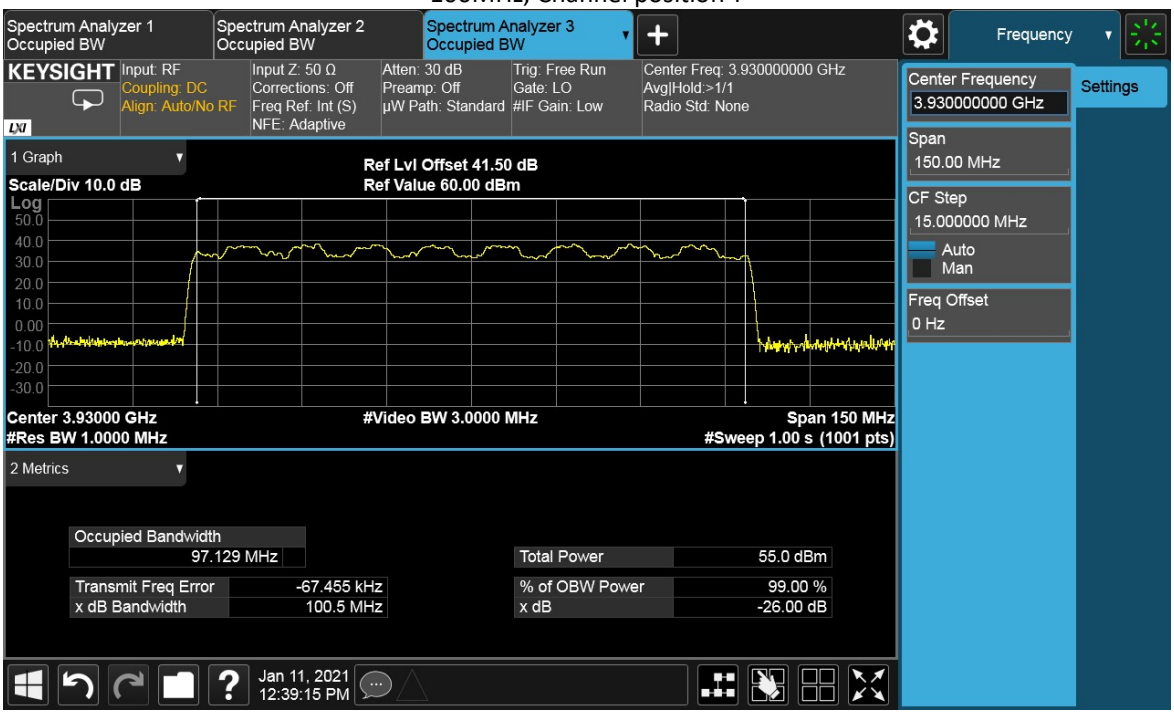


100MHz, Channel position M



TEST REPORT

100MHz, Channel position T



5 Unwanted Emissions at Band Edge

Test result: **Pass**

5.1 Limit

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10log(P) dB.

5.2 Measurement Procedure

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10log(P) dB.

For MIMO mode configurations, the limit was adjusted with a correction of -9.03dB [10Log(1/8)] by using the Measure and Add 10Log(N) dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports . Then the limit was adjusted to -22.03dBm.

In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed and a RBW of 1MHz for measurements of emissions > 1MHz away from the band edges.

Spectrum analyzer detector was set as RMS.

5.3 Measurement result

NR-MIMO-1C-BE

Antenna Port	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
E	B	16QAM	10	100	-22.03
				1000	-22.03
E	T	16QAM	10	100	-22.03
				1000	-22.03

Channel Position B