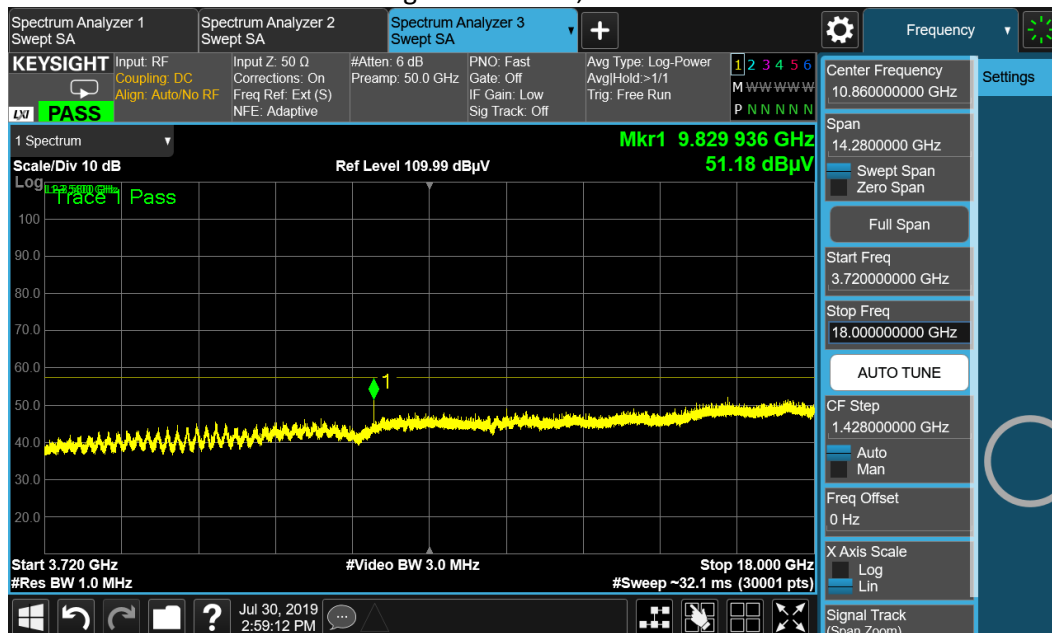
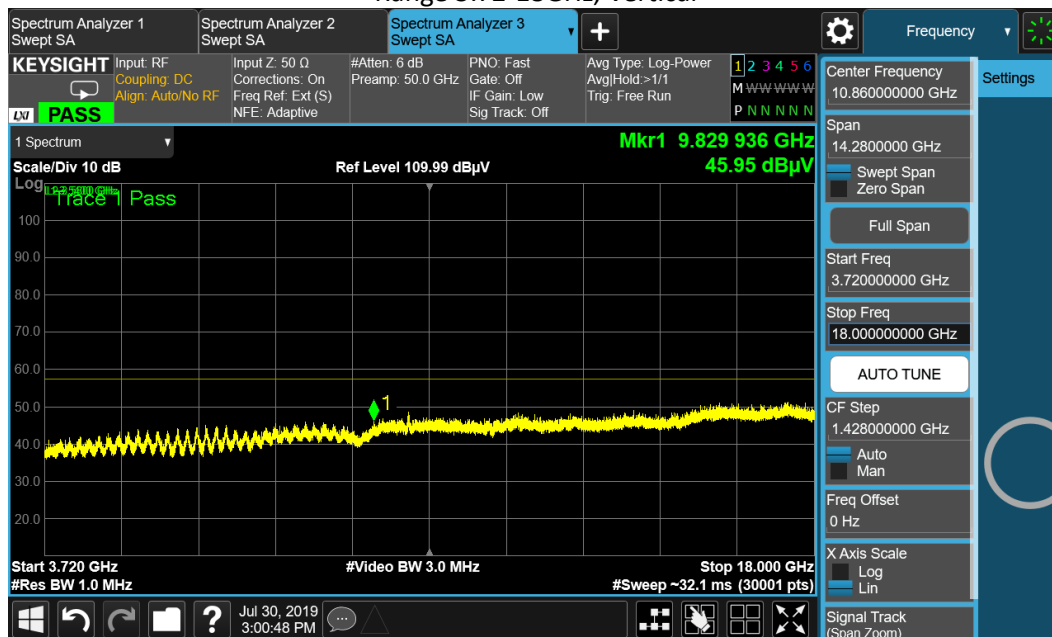


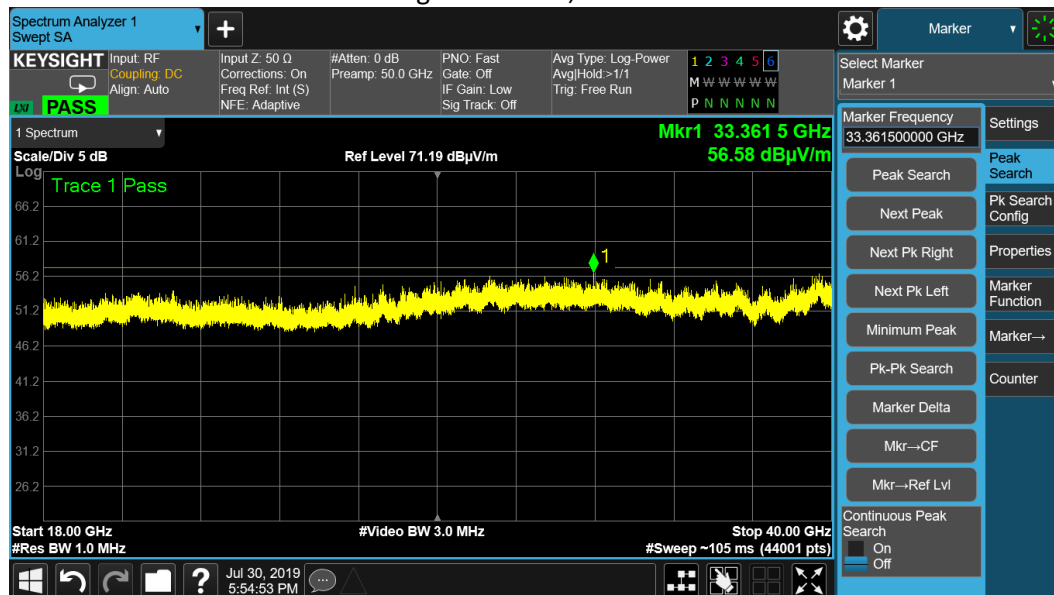
Range 3.72-18GHz, Horizontal



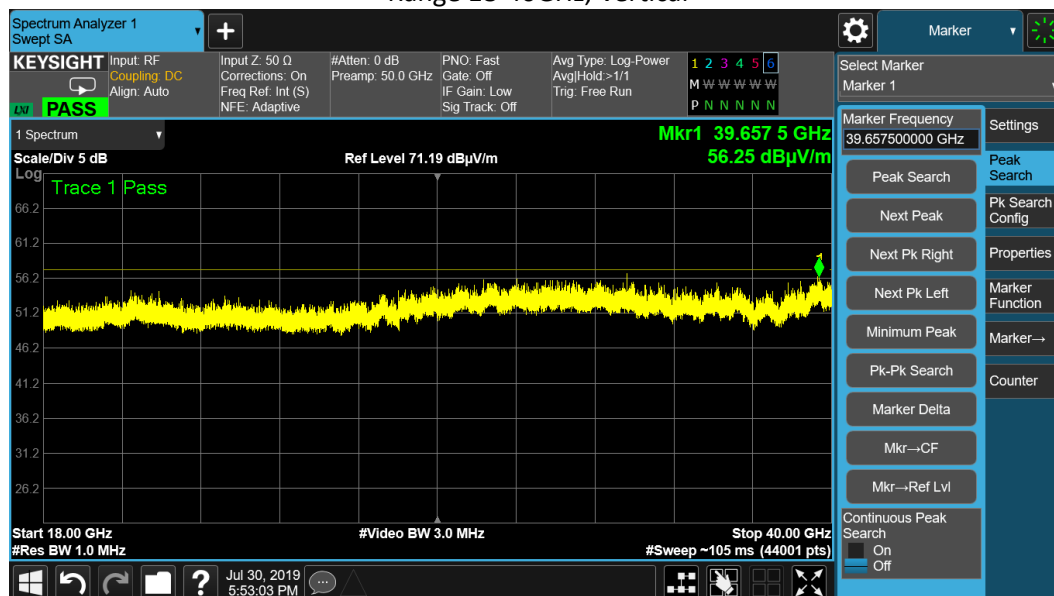
Range 3.72-18GHz, Vertical



Range 18-40GHz, Horizontal

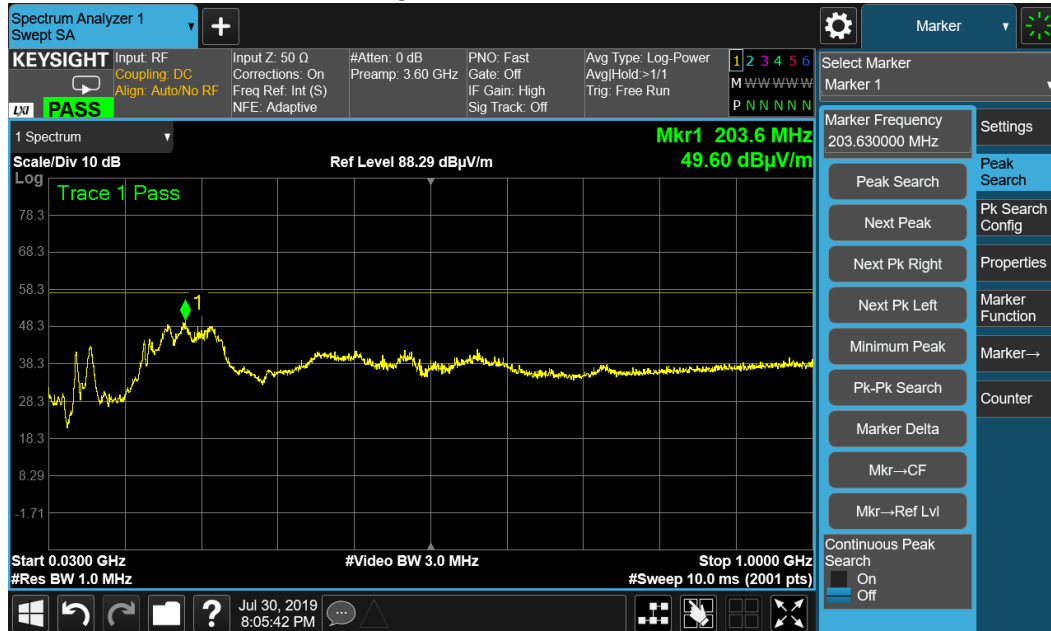


Range 18-40GHz, Vertical

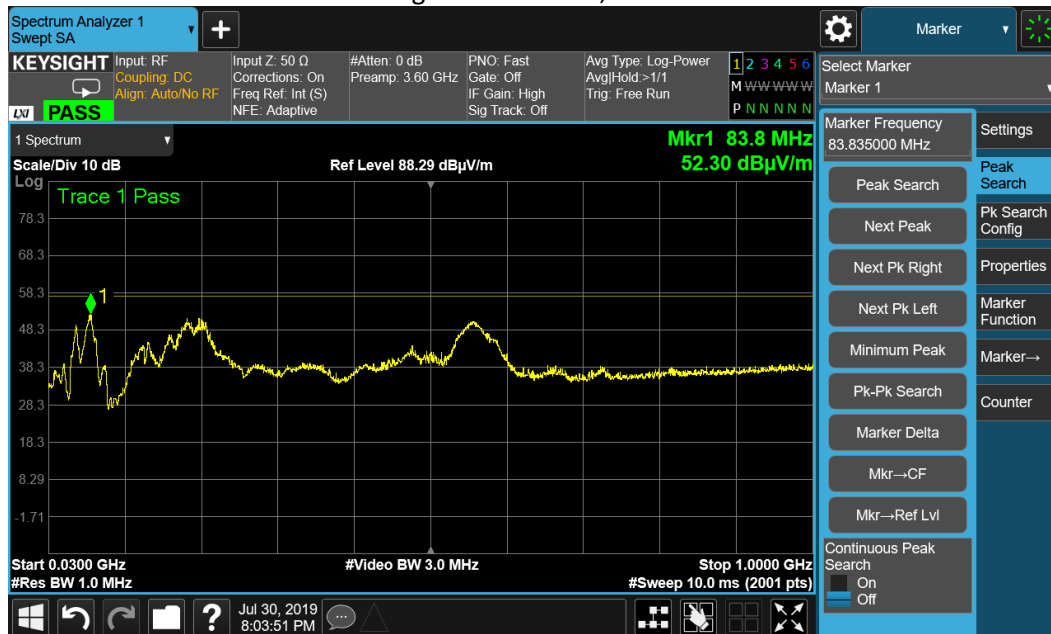


Channel Position T

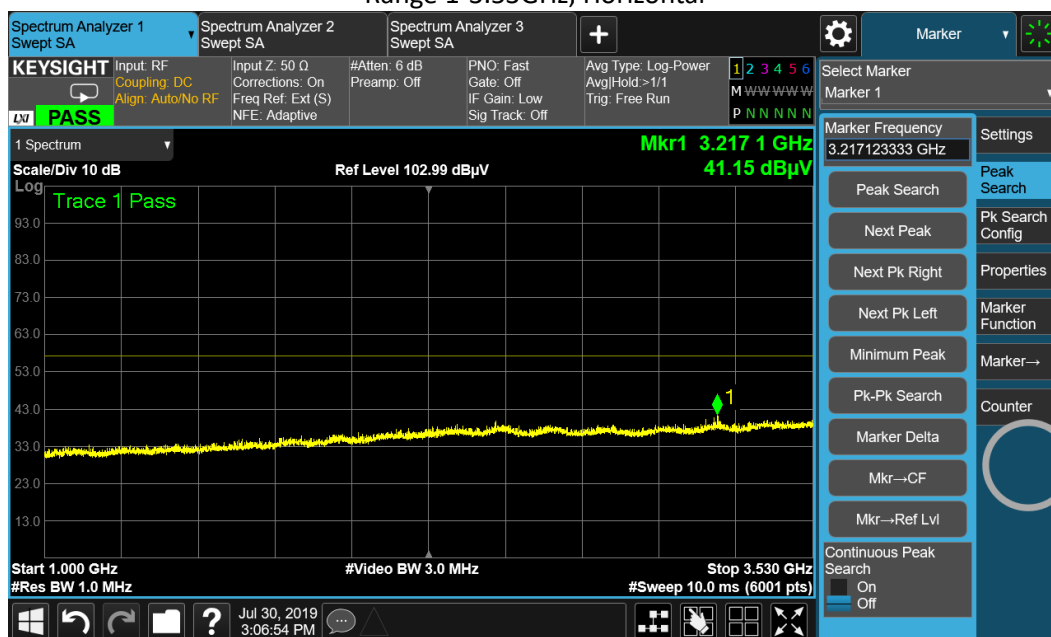
Range 30-1000MHz, Horizontal



Range 30-1000MHz, Vertical



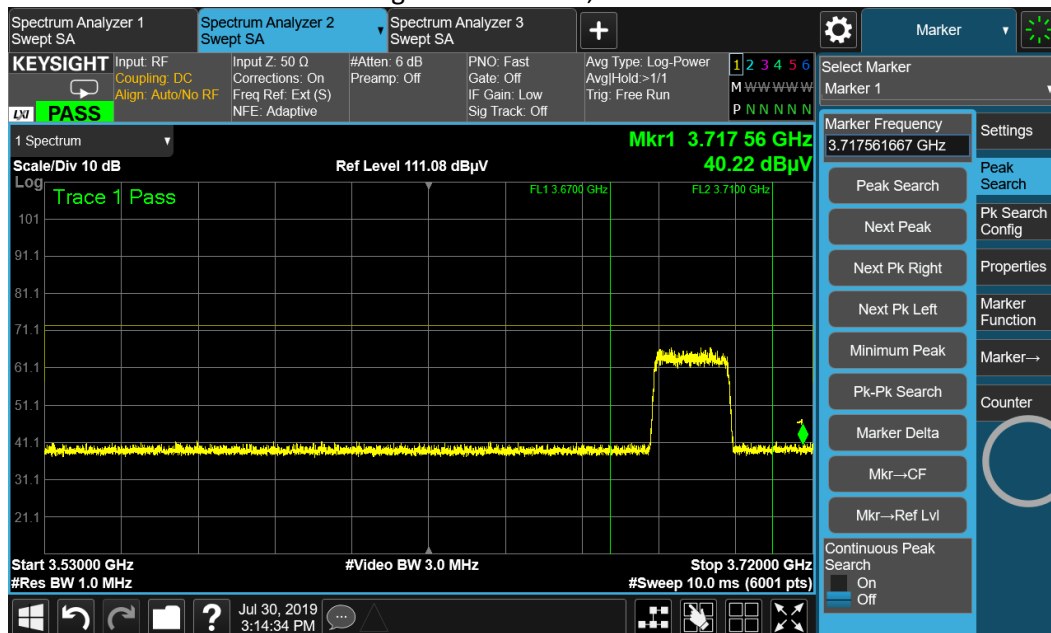
Range 1-3.53GHz, Horizontal



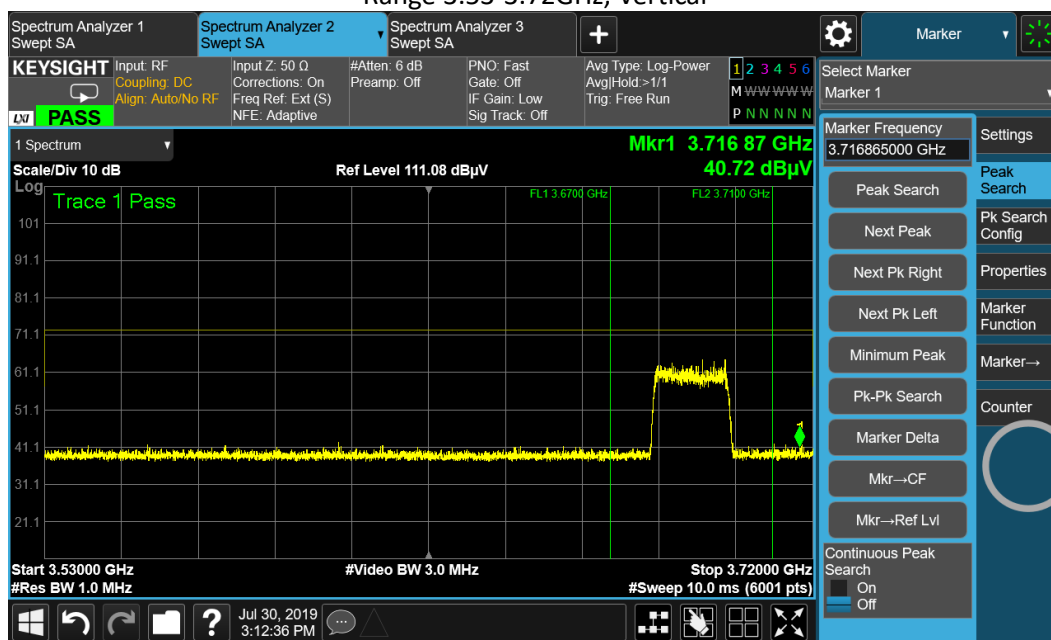
Range 1-3.53GHz, Vertical



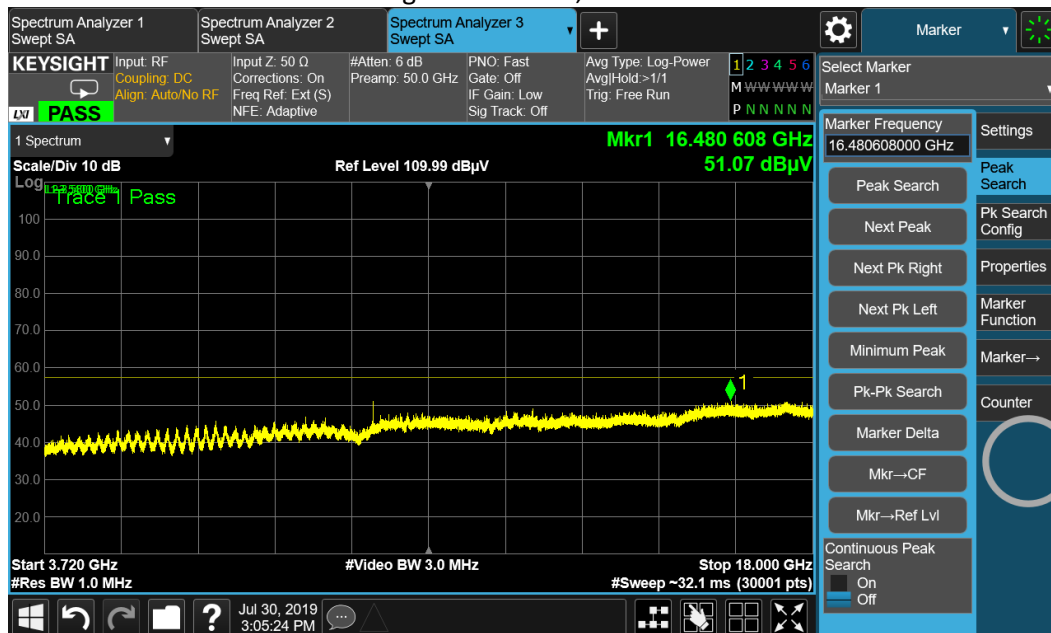
Range 3.53-3.72GHz, Horizontal



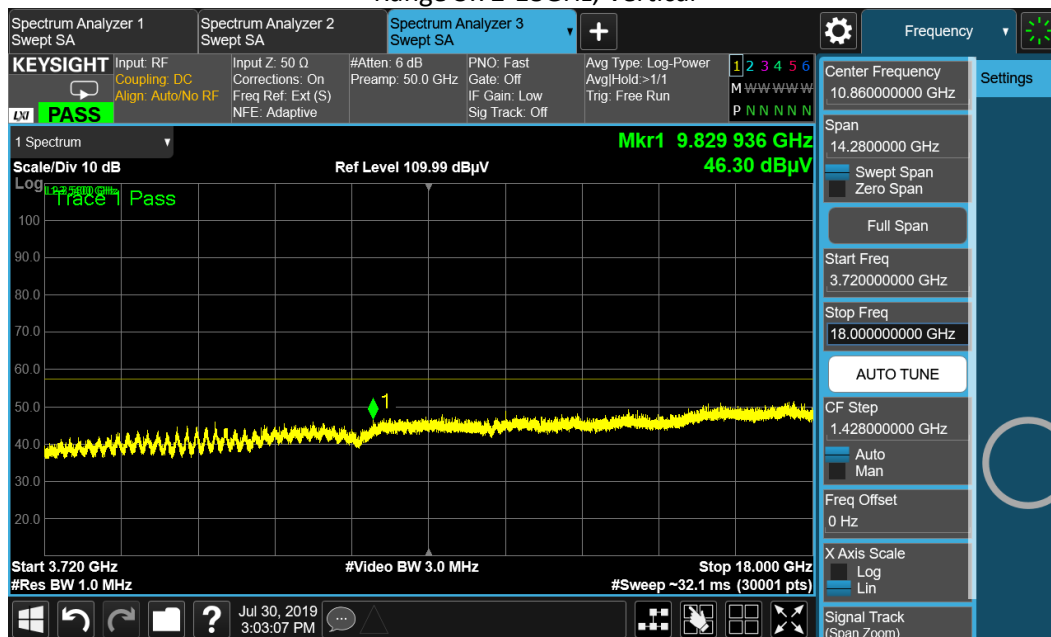
Range 3.53-3.72GHz, Vertical



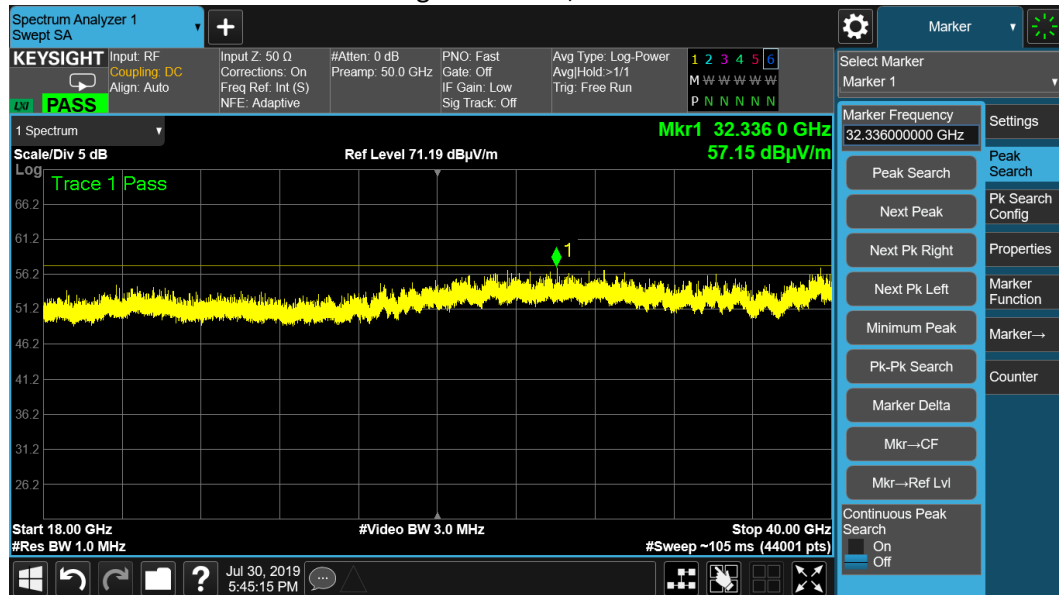
Range 3.72-18GHz, Horizontal



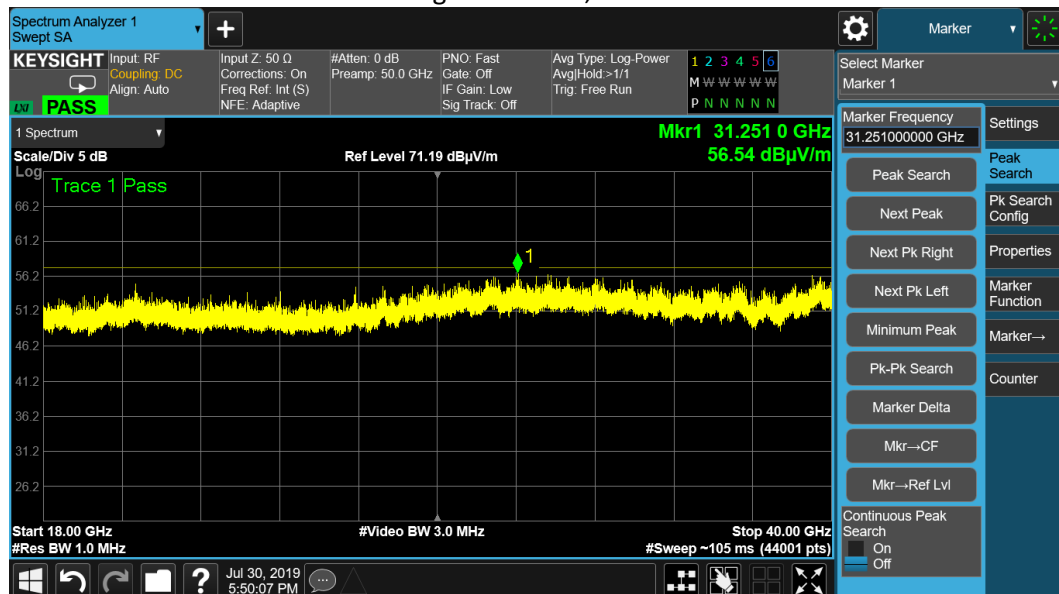
Range 3.72-18GHz, Vertical



Range 18-40GHz, Horizontal



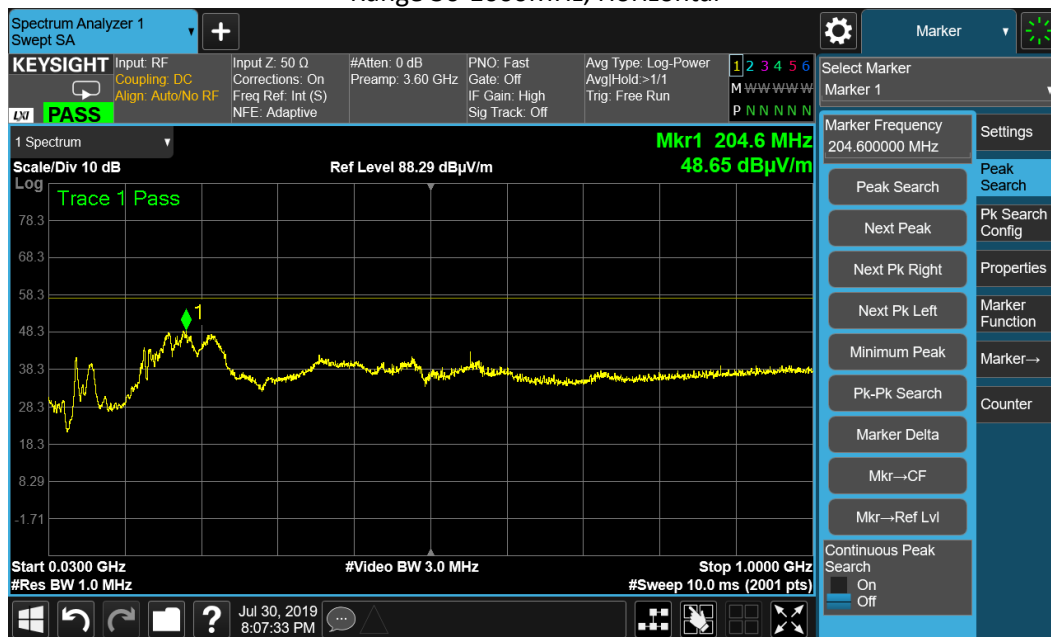
Range 18-40GHz, Vertical



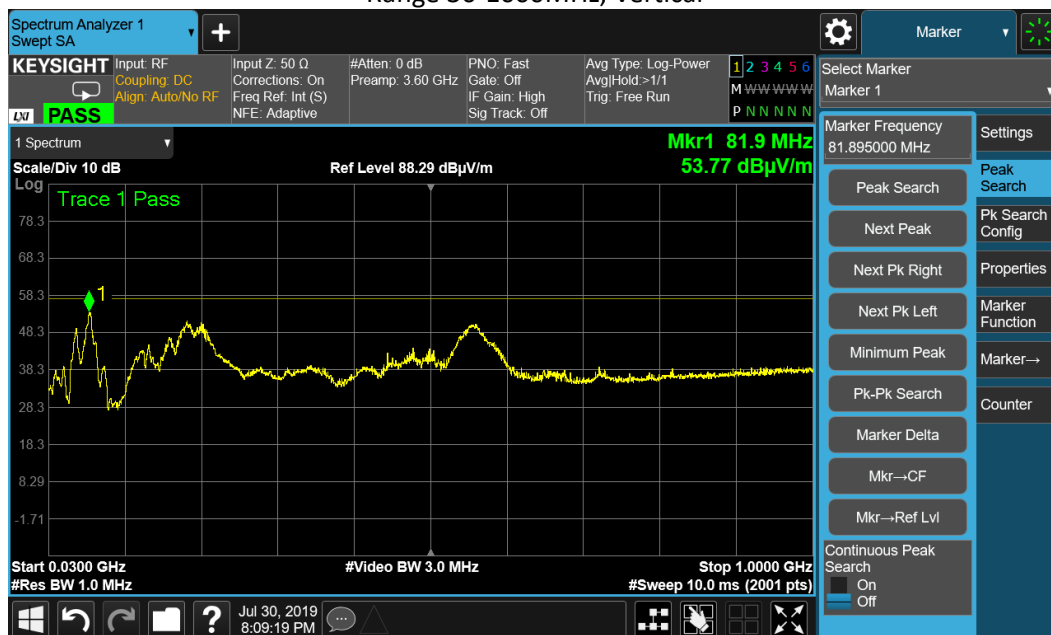
Configuration	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)
LTE-MIMO-2C-20-2	M	256QAM	20	1000

Channel Position M

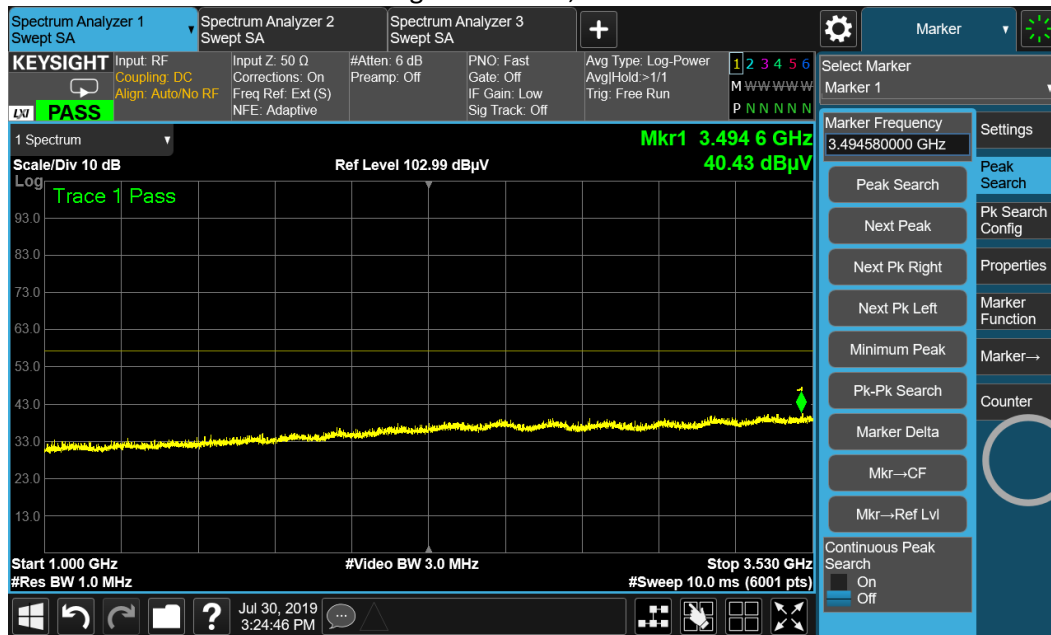
Range 30-1000MHz, Horizontal



Range 30-1000MHz, Vertical



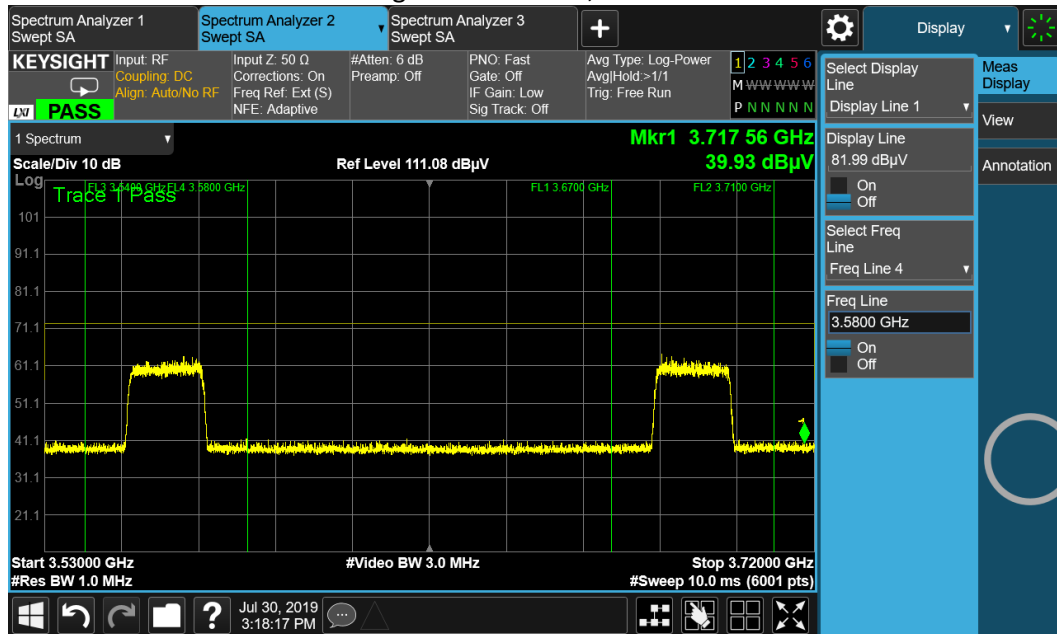
Range 1-3.53GHz, Horizontal



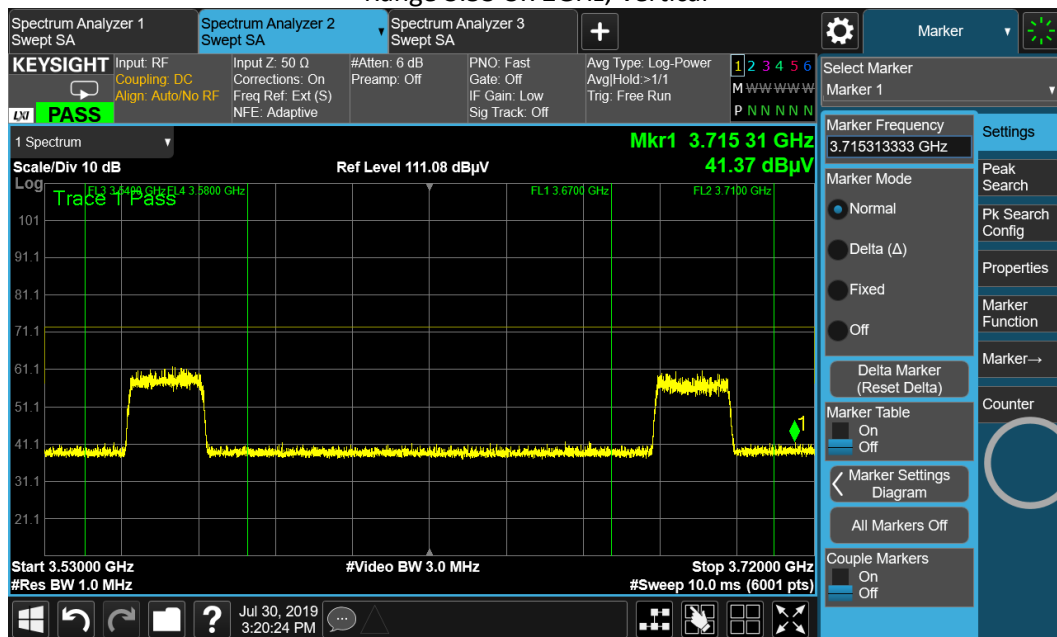
Range 1-3.53GHz, Vertical



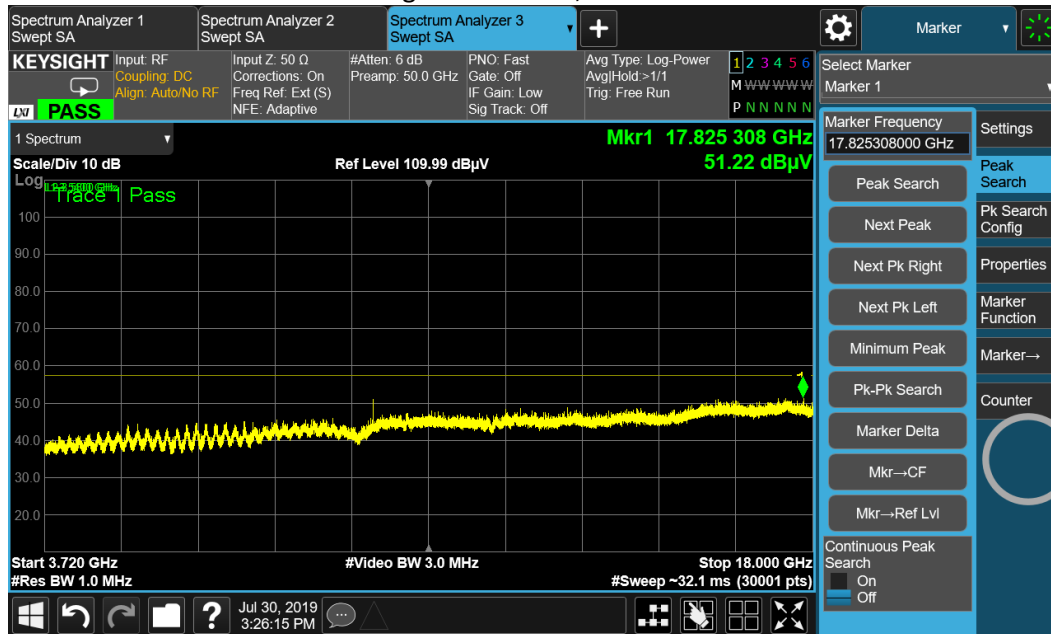
Range 3.53-3.72GHz, Horizontal



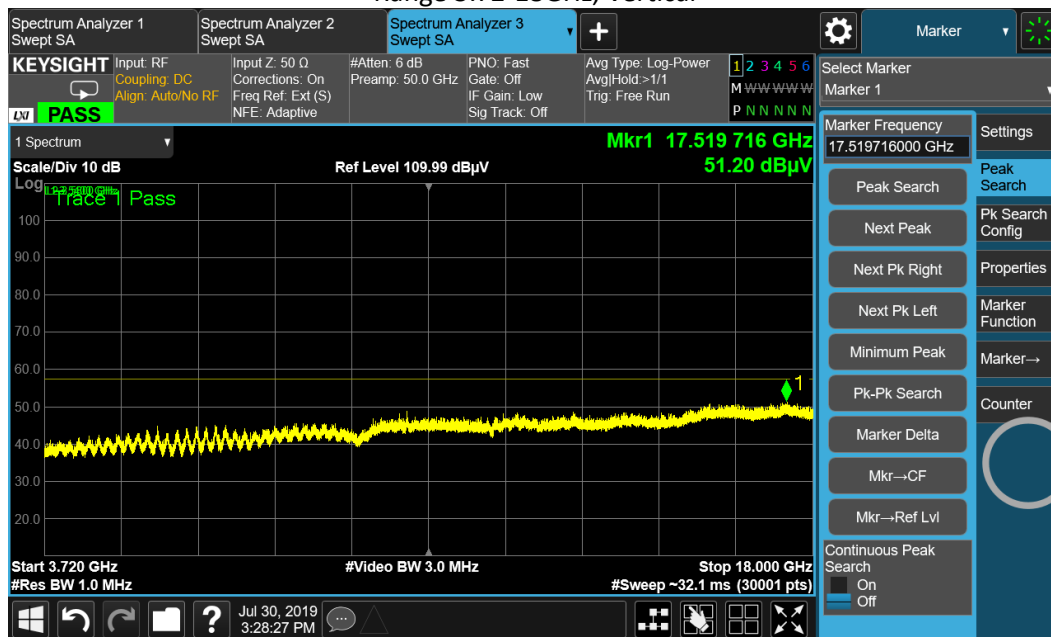
Range 3.53-3.72GHz, Vertical



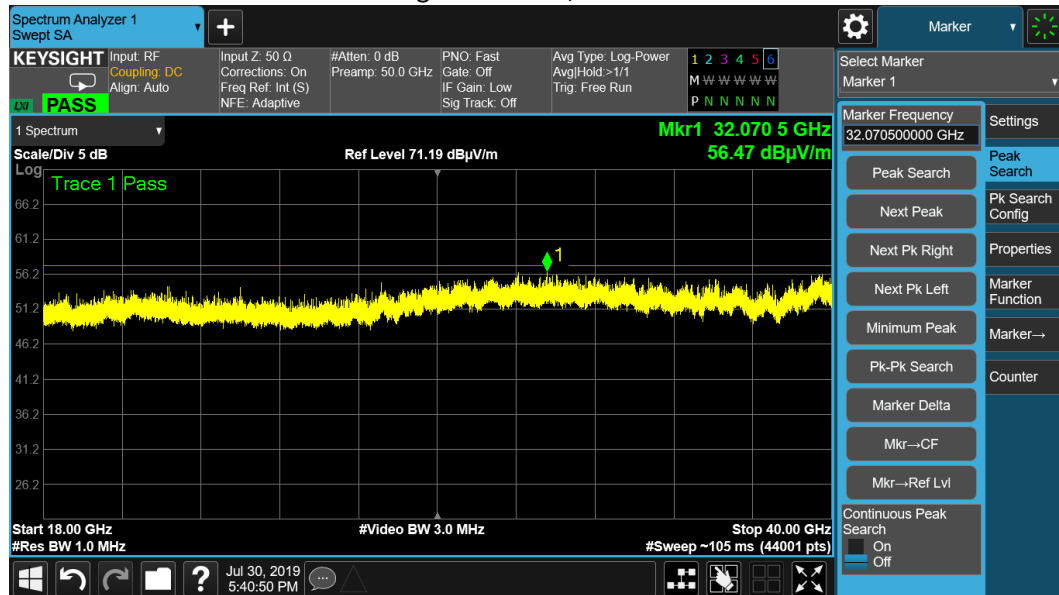
Range 3.72-18GHz, Horizontal



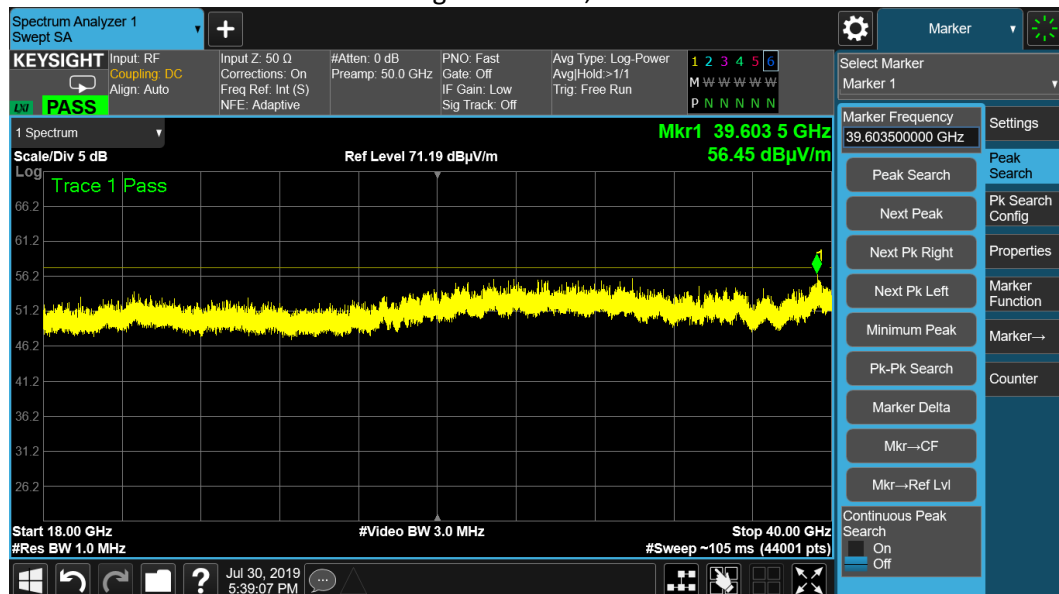
Range 3.72-18GHz, Vertical



Range 18-40GHz, Horizontal



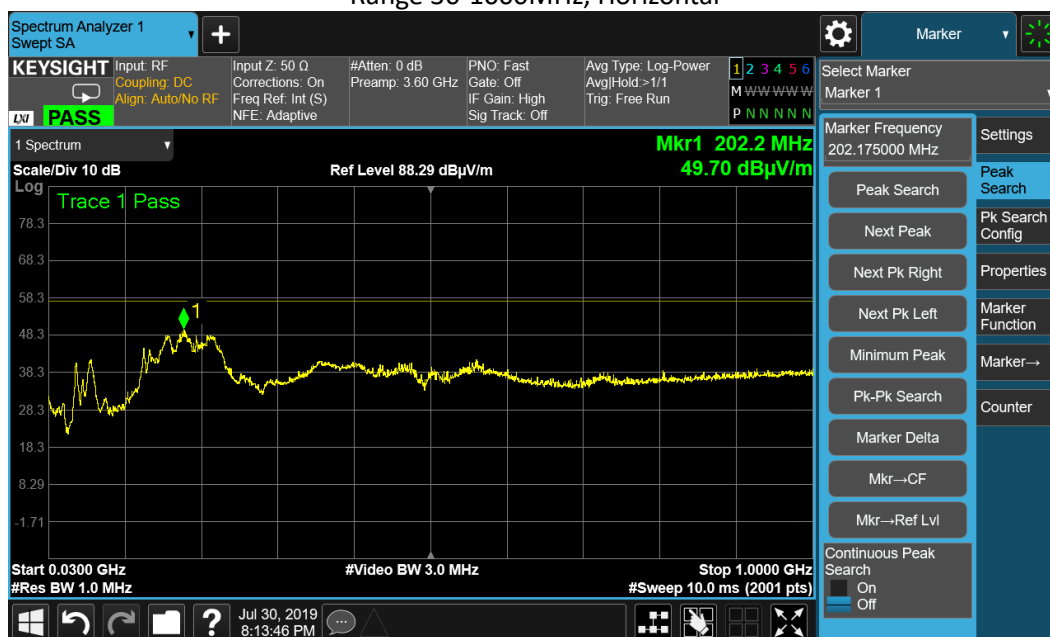
Range 18-40GHz, Vertical



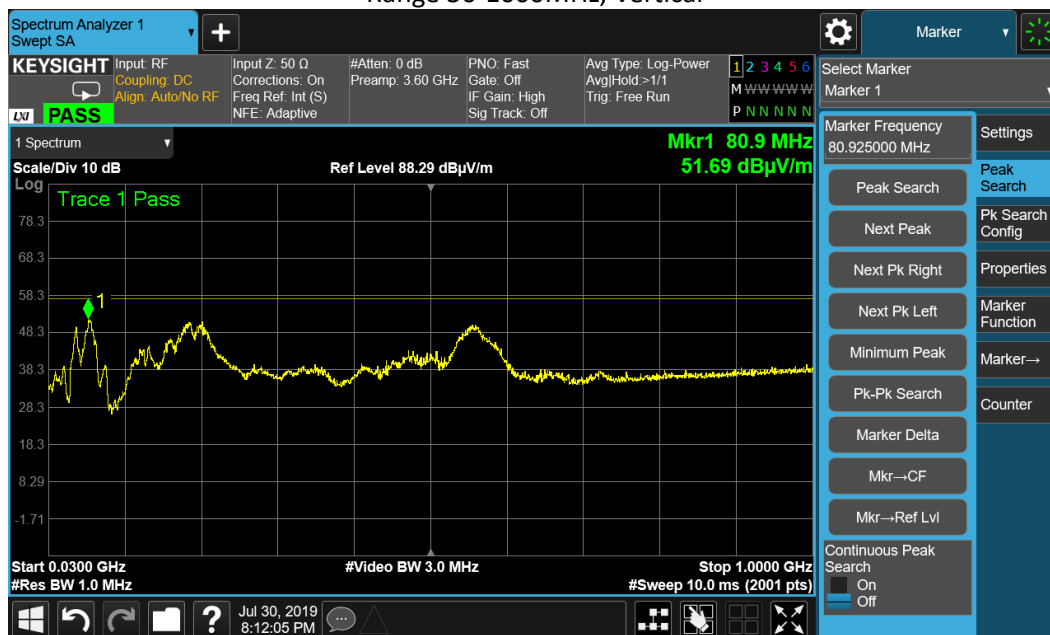
Configuration	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)
LTE-MIMO-3C-20	M	256QAM	20	1000

Channel Position M

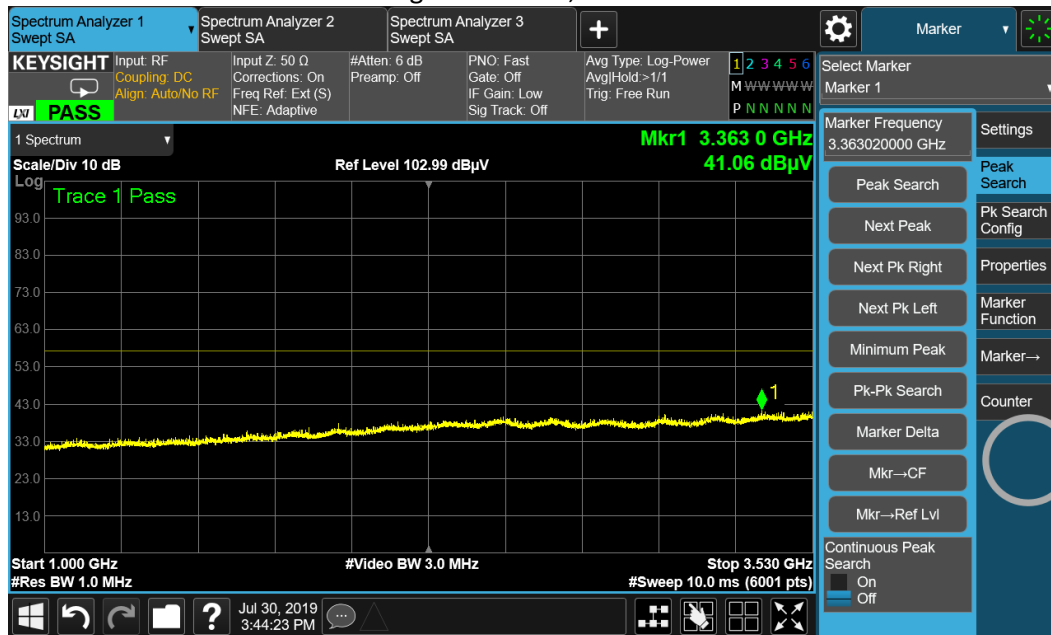
Range 30-1000MHz, Horizontal



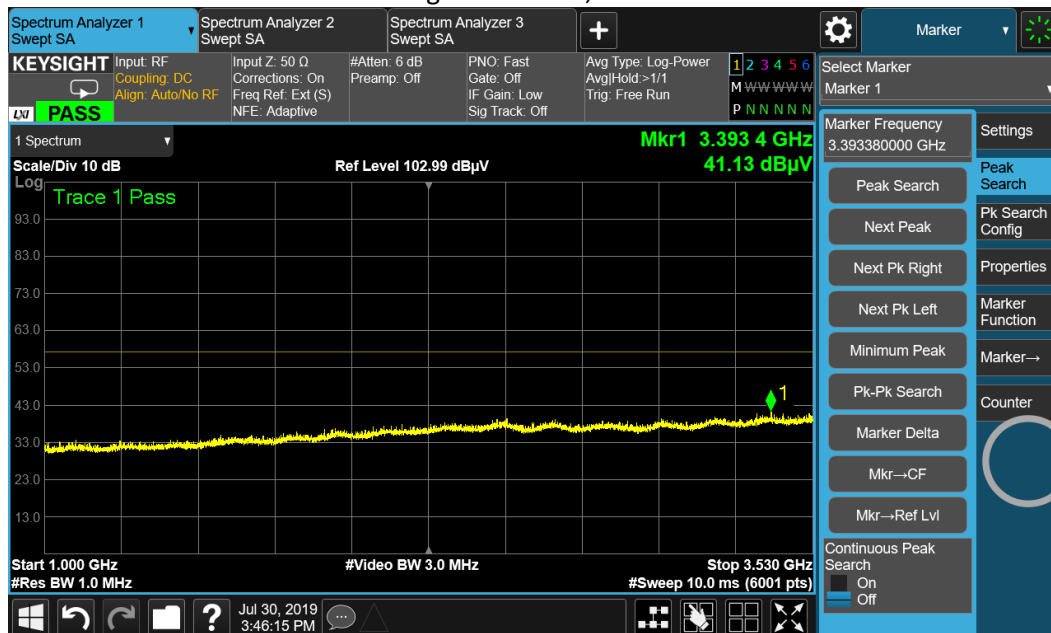
Range 30-1000MHz, Vertical



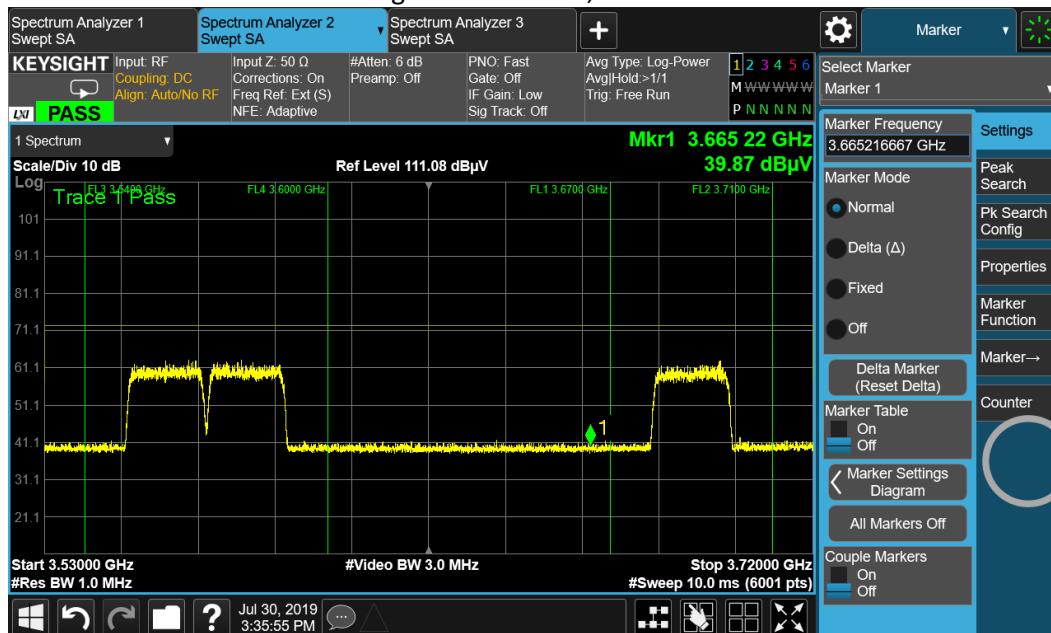
Range 1-3.53GHz, Horizontal



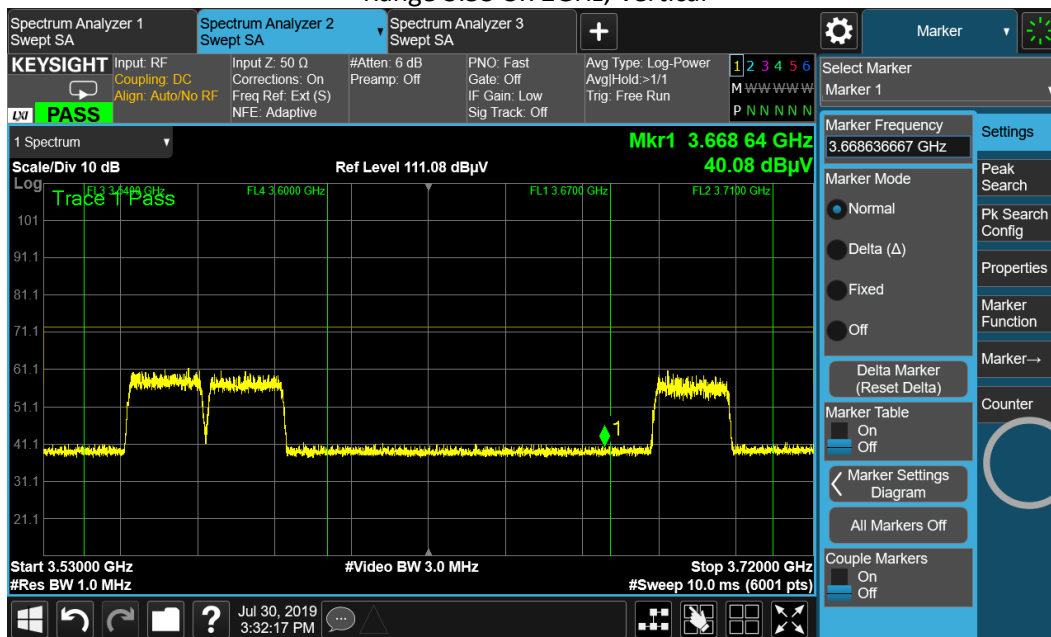
Range 1-3.53GHz, Vertical



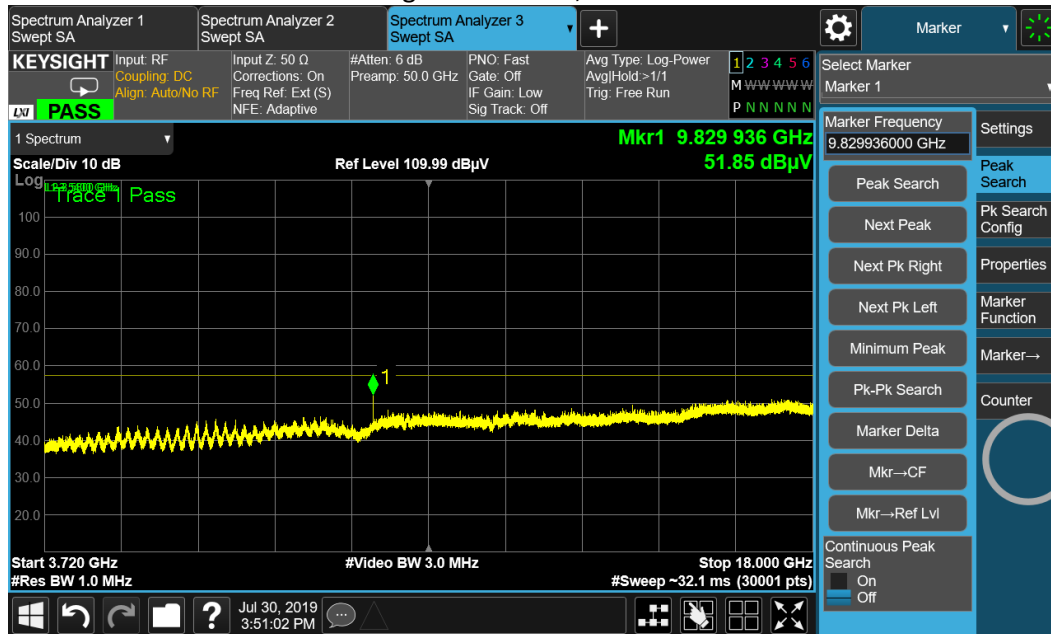
Range 3.53-3.72GHz, Horizontal



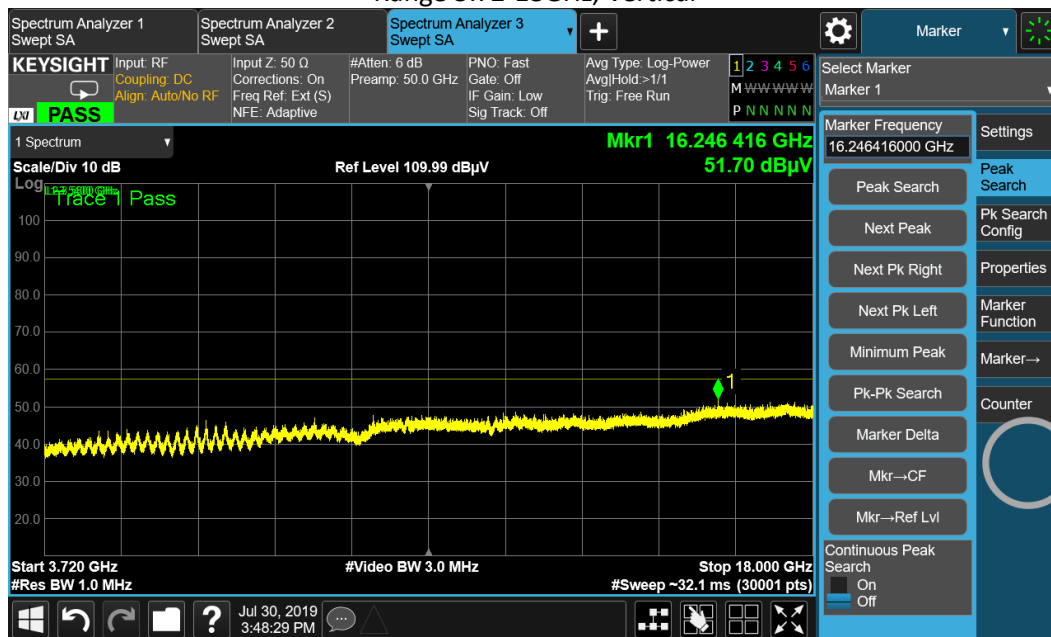
Range 3.53-3.72GHz, Vertical



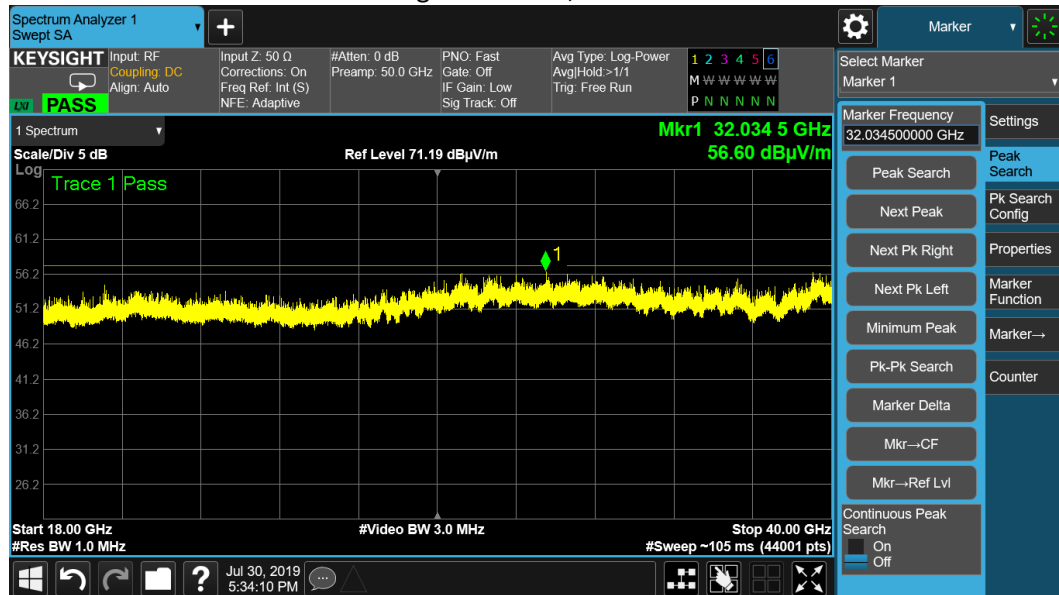
Range 3.72-18GHz, Horizontal



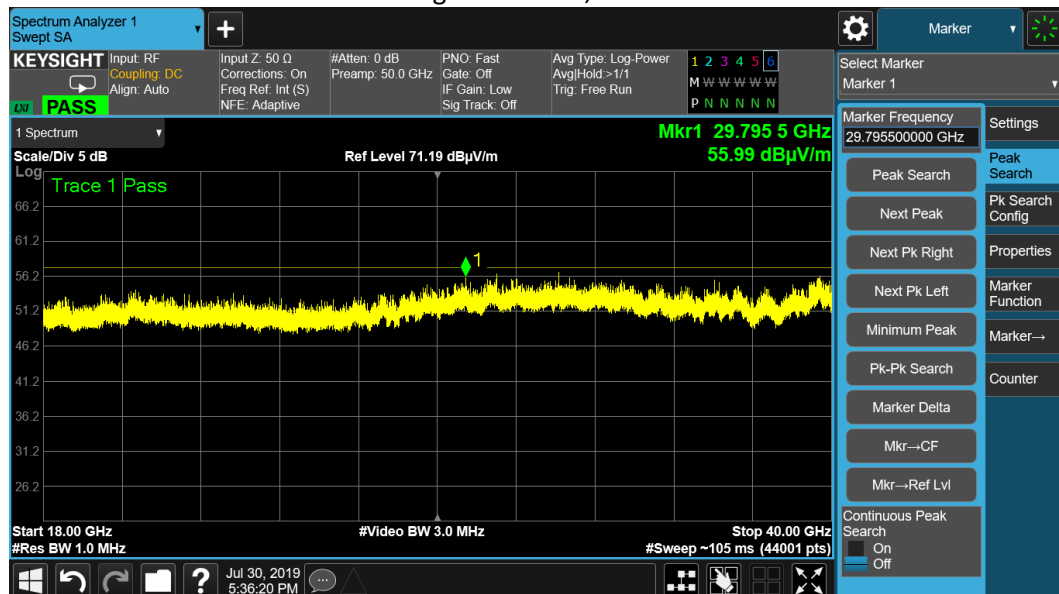
Range 3.72-18GHz, Vertical



Range 18-40GHz, Horizontal



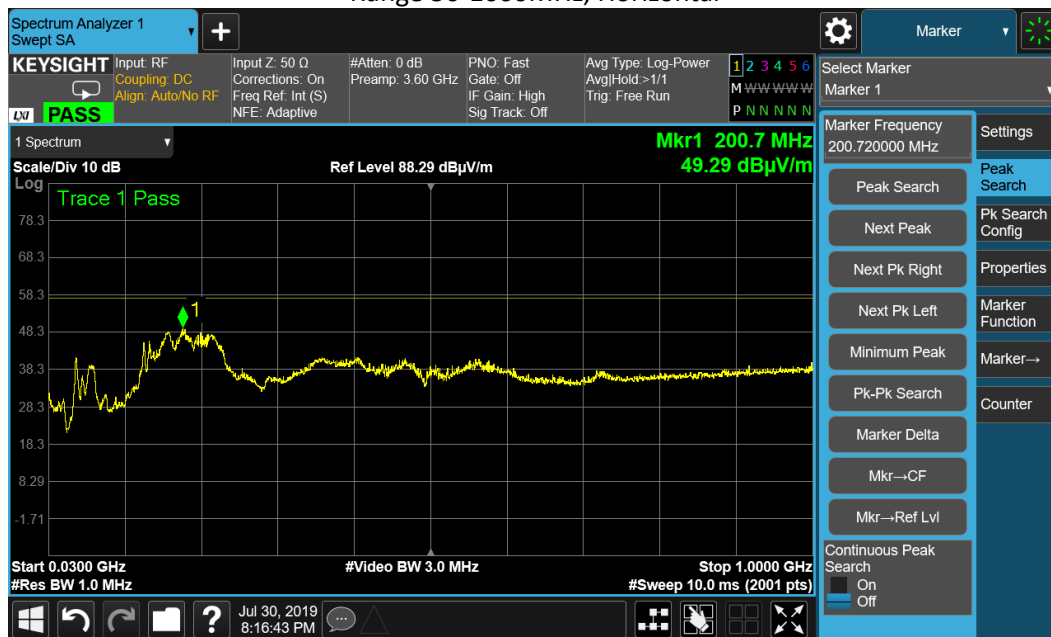
Range 18-40GHz, Vertical



Configuration	Channel Position	Modulation	Channel Bandwidth (MHz)	RBW (kHz)
LTE-MIMO-6C-20	M	256QAM	20	1000

Channel Position M

Range 30-1000MHz, Horizontal



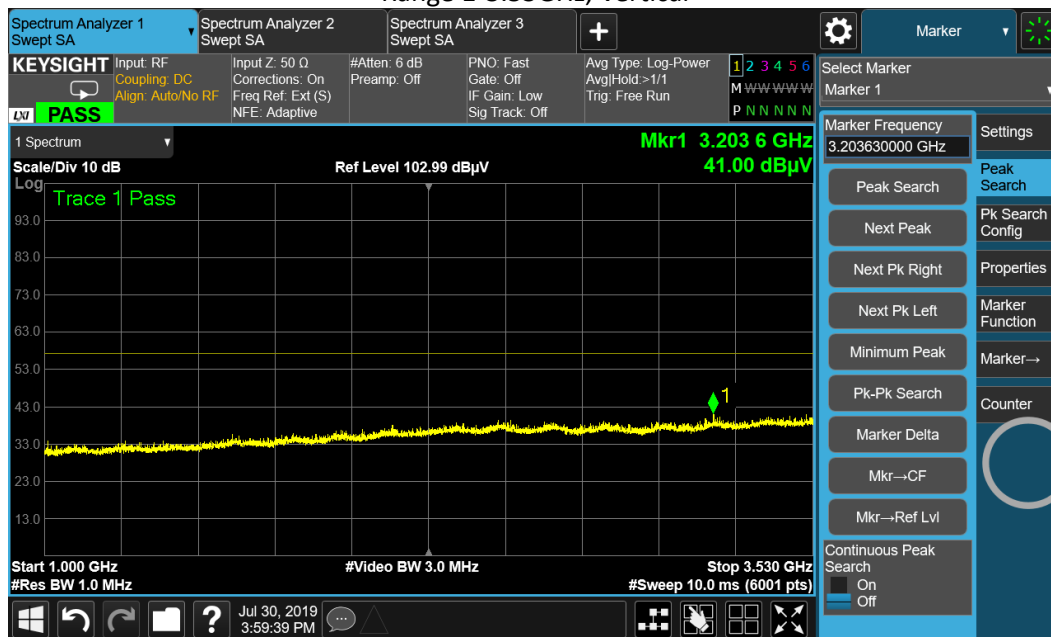
Range 30-1000MHz, Vertical



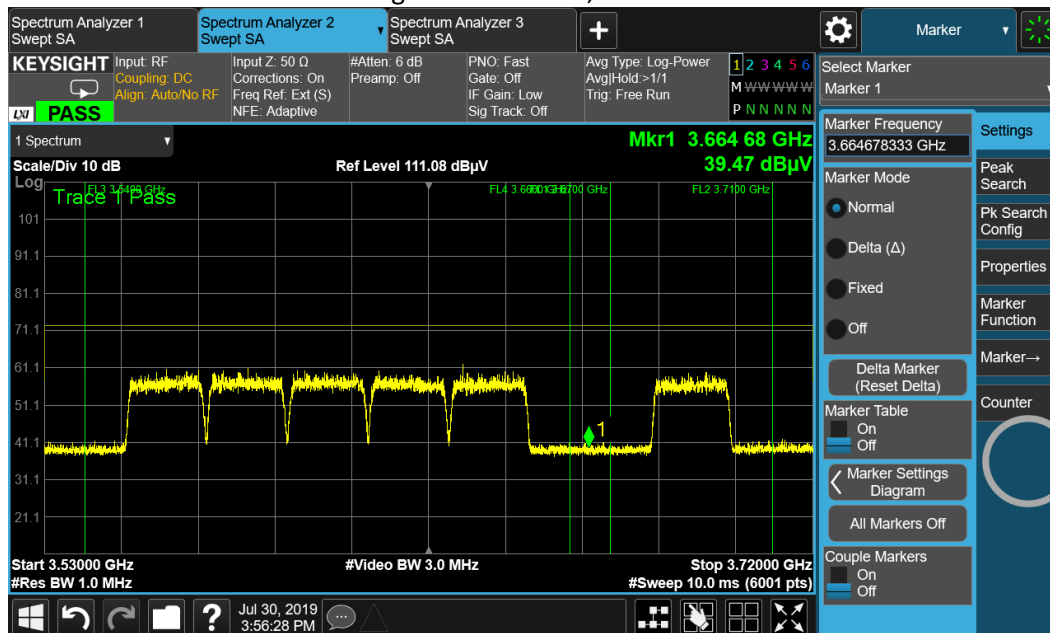
Range 1-3.53GHz, Horizontal



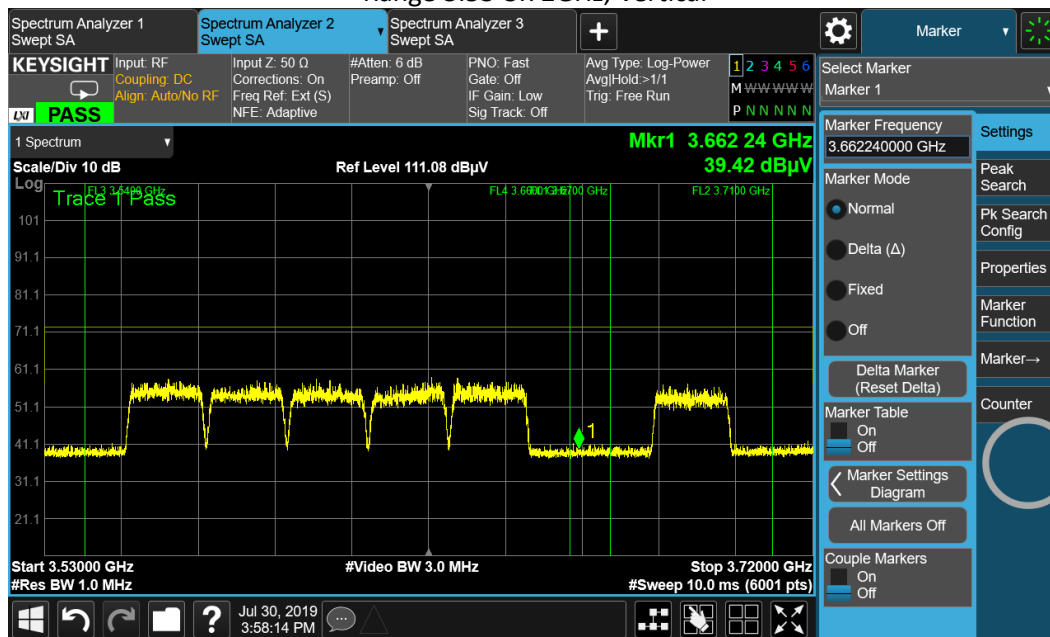
Range 1-3.53GHz, Vertical



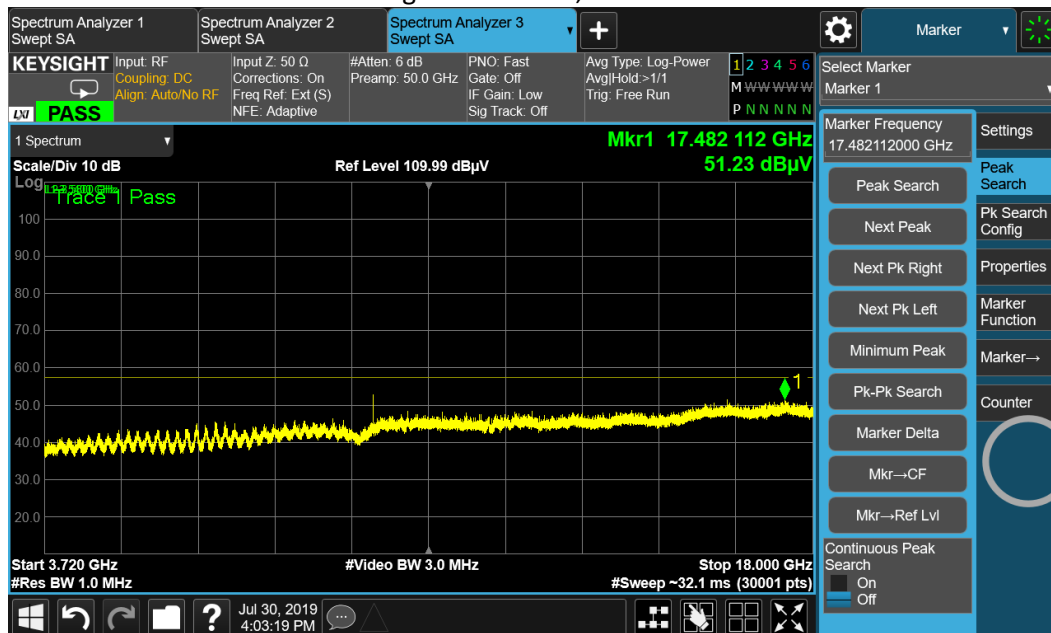
Range 3.53-3.72GHz, Horizontal



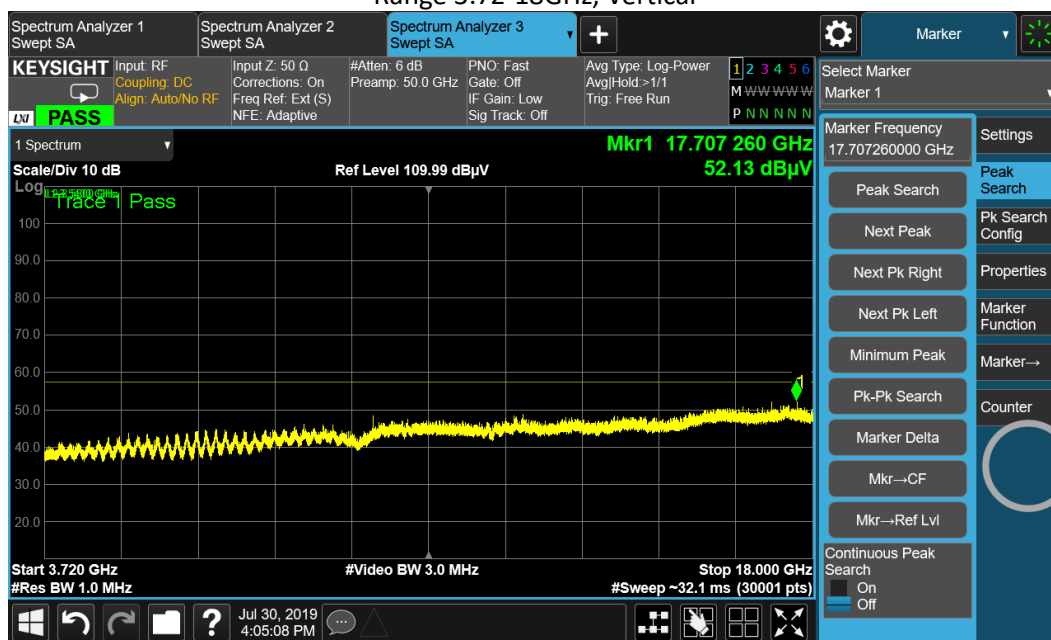
Range 3.53-3.72GHz, Vertical



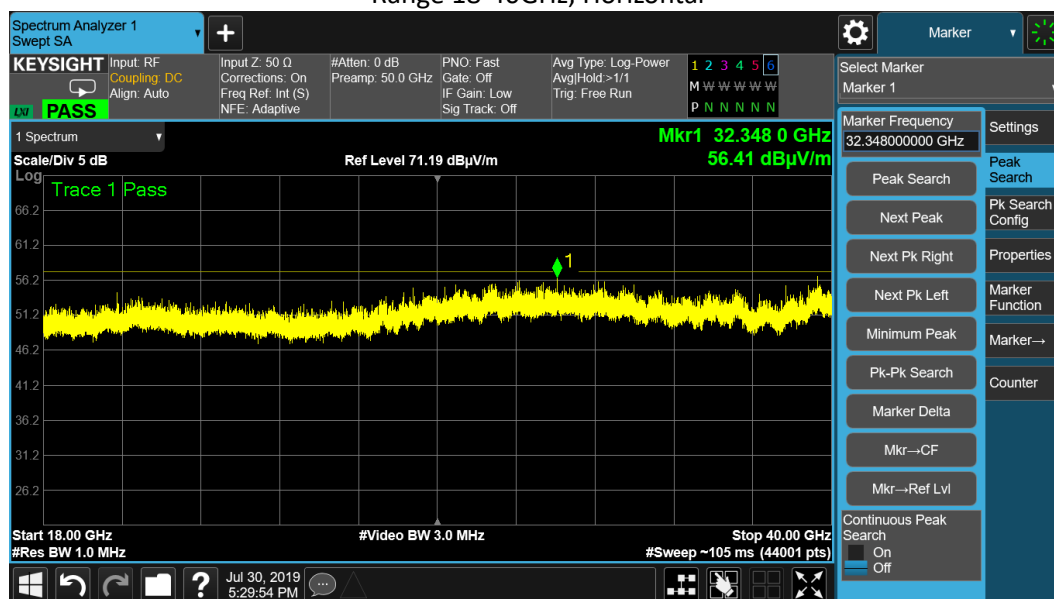
Range 3.72-18GHz, Horizontal



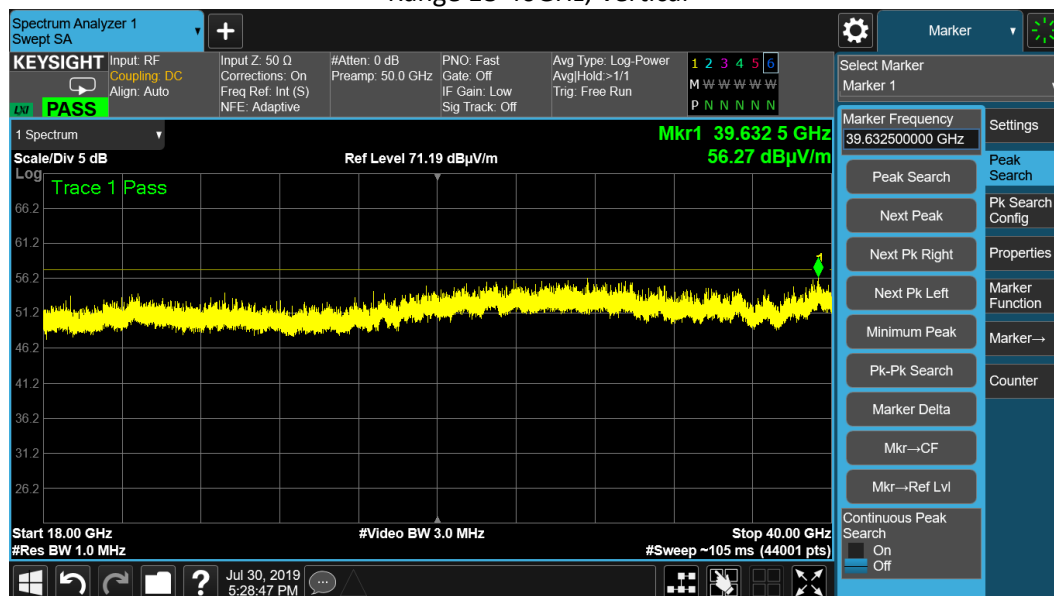
Range 3.72-18GHz, Vertical



Range 18-40GHz, Horizontal



Range 18-40GHz, Vertical



8 Frequency Stability

Test result: Tested

8.1 Limit

The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.

8.2 Measurement Procedure

Temperature Variation

The EUT was tested over the temperature range -30°C to +50°C in 10°C steps with -48 VDC Power Supply. At each temperature step, the Base Station was configured to transmit at maximum power on the middle channel of the operating band.

Voltage Variation

The EUT was tested at the supplied voltages varied from 85 to 115 percent of the nominal values of -48 VDC. At +20°C, the Base Station was configured to transmit at maximum power on the middle channel of the frequency block.

8.3 Measurement result

Frequency Error – Temperature Variation

Configuration B:

LTE-MIMO-1C-20

Antenna Port	Modulation	Temperature (°C)	Frequency Stability (Hz)		
			Channel Position B	Channel Position M	Channel Position T
B	256QAM	-30	-	-6.27	-
		-20	-	-5.61	-
		-10	-	-4.73	-
		0	-	-4.95	-
		10	-	-6.47	-
		20	-	-5.59	-
		30	-	-5.08	-
		40	-	-6.17	-
		50	-	-5.43	-

Frequency Error – Voltage Variation

Configuration B:

LTE-MIMO-1C-20

Antenna Port	Modulation	Temperature (°C)	Supply Voltage (V)	Frequency Stability (Hz)		
				Channel Position B	Channel Position M	Channel Position T
B	256QAM	20	-40.8	-	-5.17	-
			-48.0	-	-5.59	-
			-55.2	-	-5.54	-

***** END *****