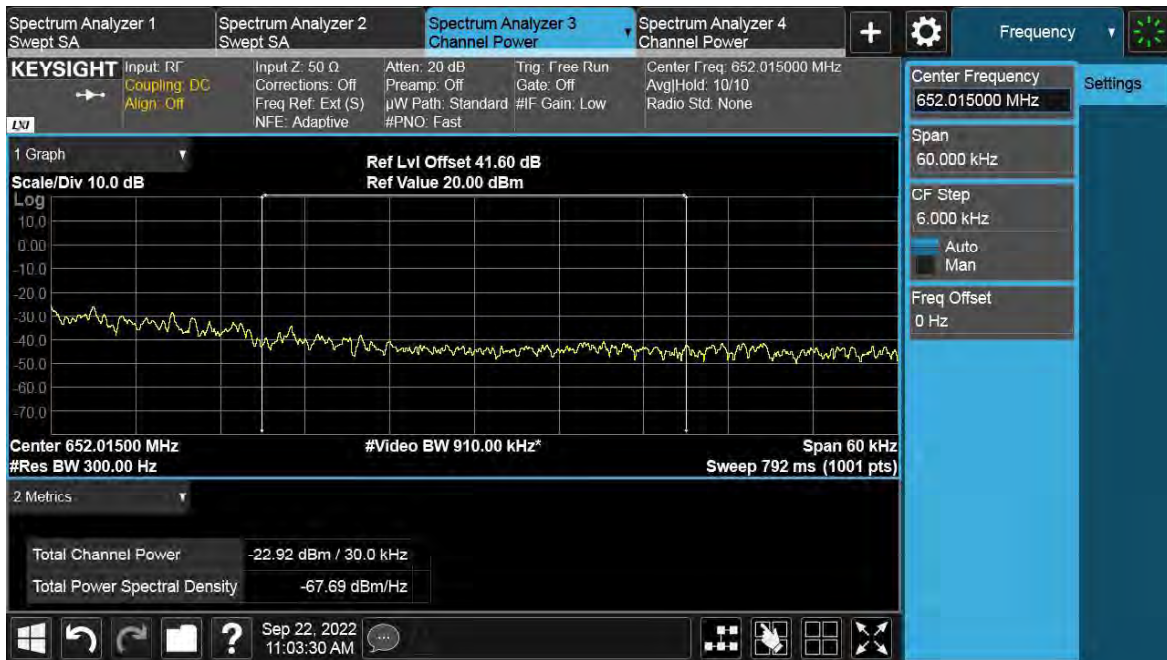
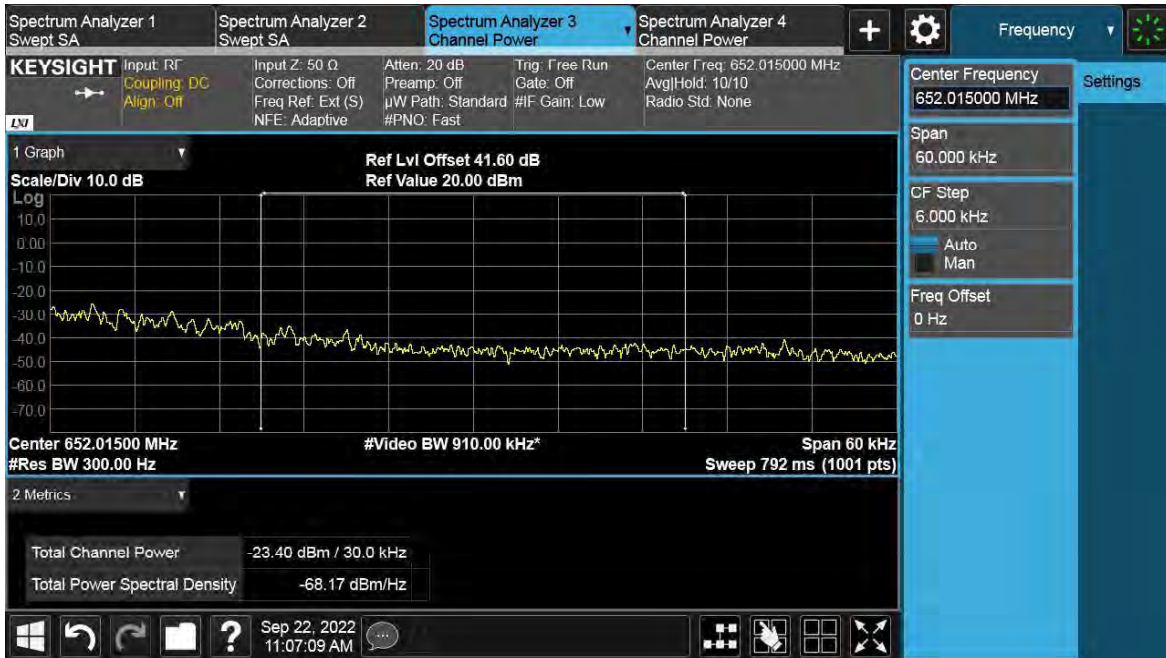
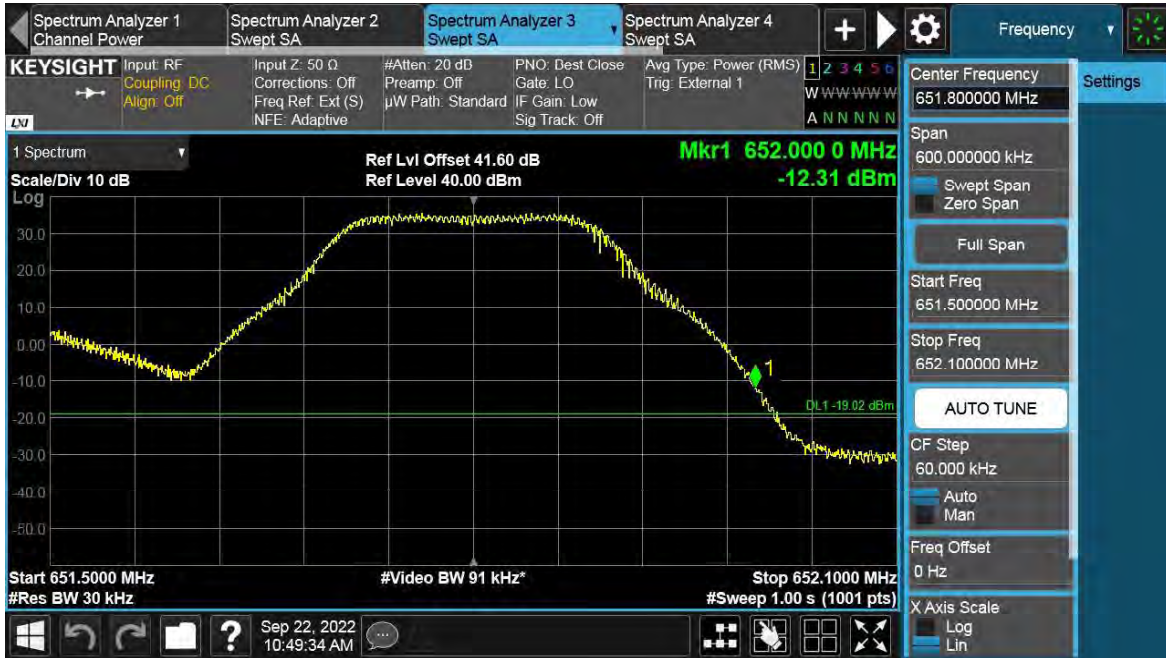


TEST REPORT



Channel Position T



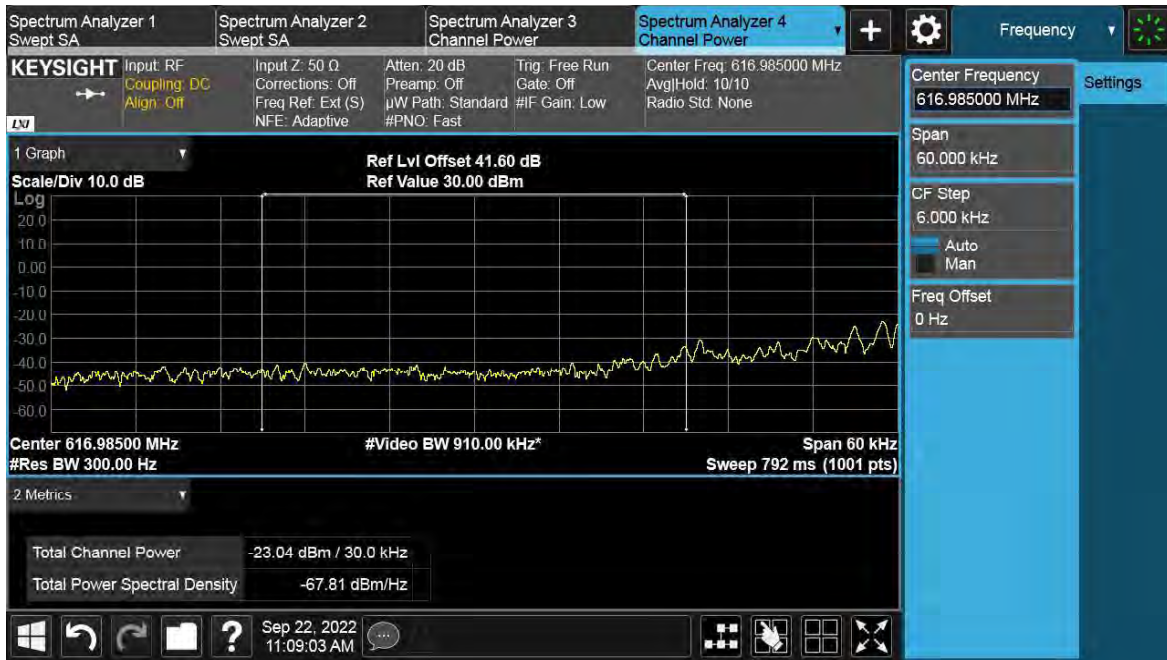
TEST REPORT

LTE+SA-MC-2-UE

Antenna Port	Channel Position	LTE/SA Modulation	LTE Carrier Bandwidth (MHz)	SA Carrier Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
A	M	QPSK	5	0.2	30	-19.02

Channel Position M





6 Conducted Unwanted Emission

Test result: Pass

6.1 Limit

The unwanted emissions in any 100 kHz bandwidth on any frequency outside the low frequency edge and the high frequency edge of each frequency block range(s), shall be attenuated below the transmitter power, P (dBW), by at least $43 + 10 \log_{10} p$ (watts), dB. However, in the 100 kHz band immediately outside of the equipment's frequency block range, a resolution bandwidth of 30 kHz may be employed.

6.2 Measurement Procedure

In accordance with FCC rules, 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 $43 + 10 \log(P)$ dB.

The spurious emissions from the antenna terminal were measured. The transmitter output power was attenuated using an attenuator and the frequency spectrum investigated from 9kHz to 7GHz. The resolution bandwidth of 100kHz was employed for frequency band 9kHz to 1GHz. The resolution bandwidth of 1MHz was employed for frequency band 1GHz to 7GHz. The spectrum analyzer detector was set to RMS.

For MIMO mode configurations, the limit was adjusted with a correction of $-6.02\text{dB} [10\log(1/4)]$ by using the Measure and Add $10\log(N)$ dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports. Then the limit was adjusted to -19.02dBm .

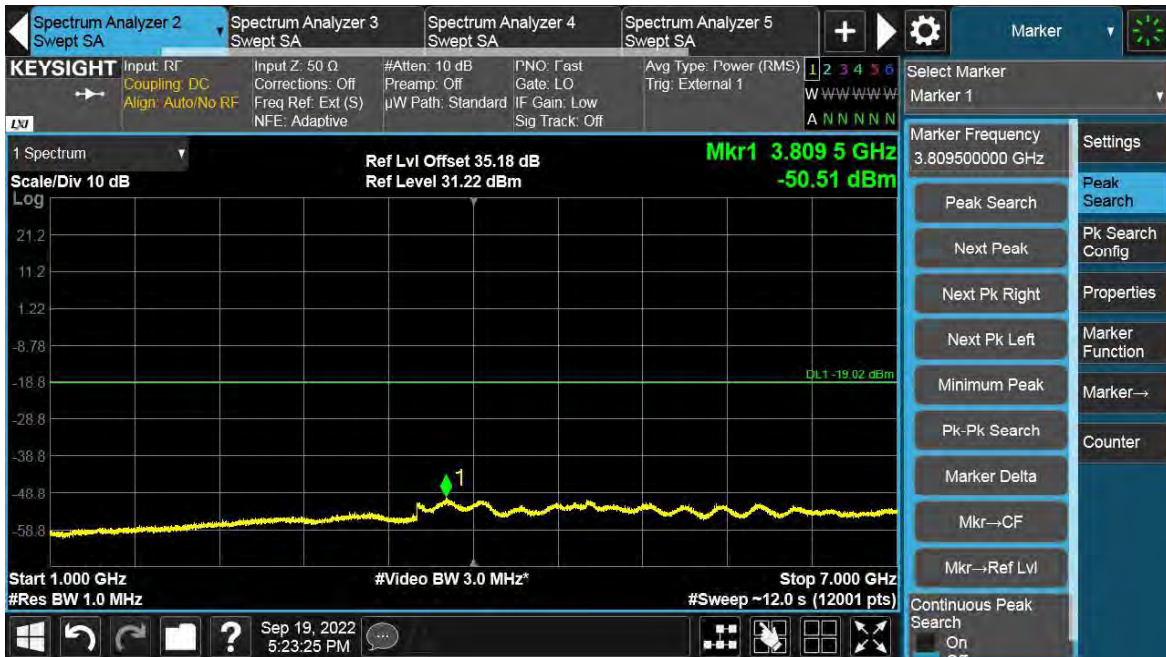
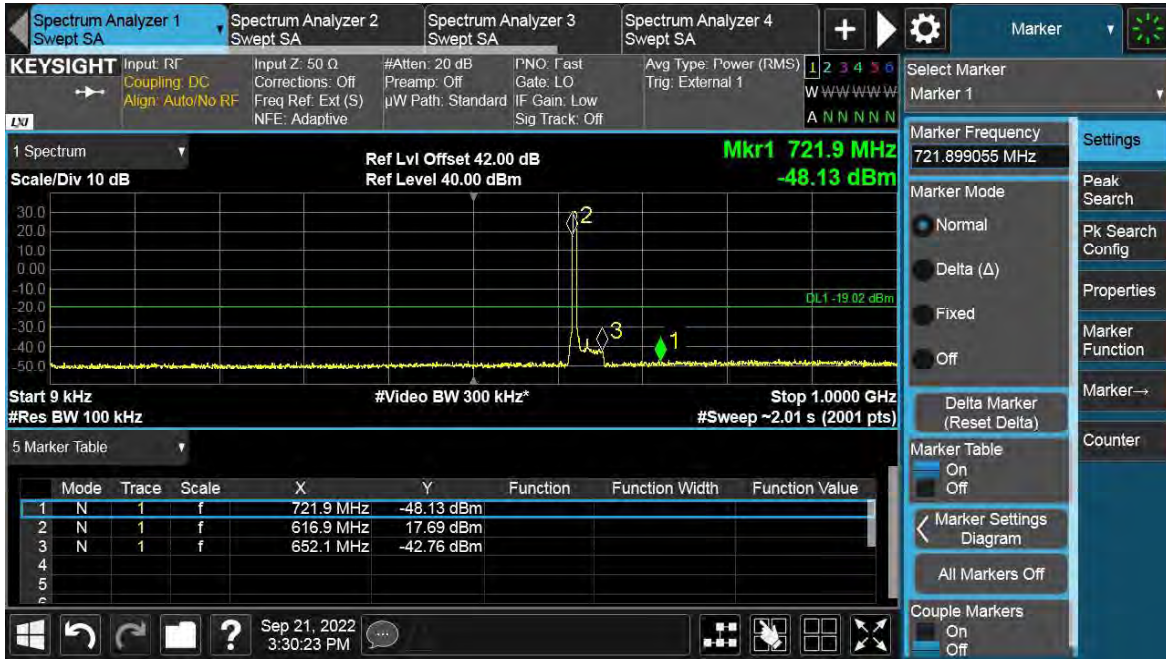
TEST REPORT

6.3 Measurement result

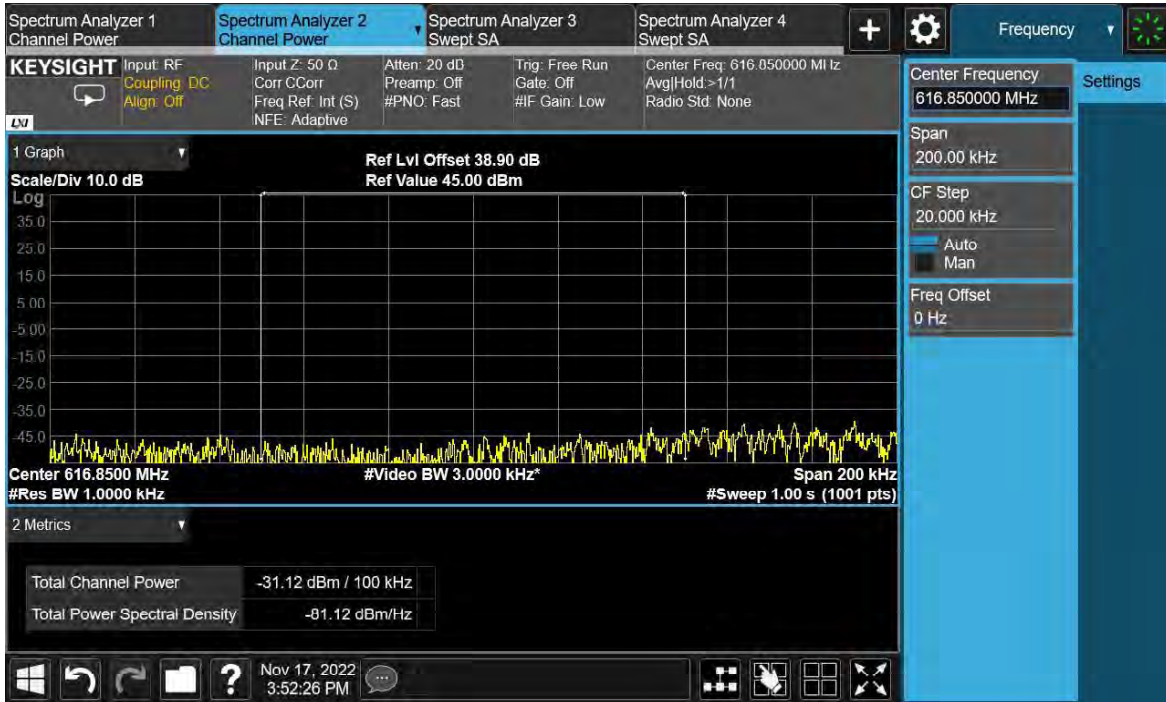
NR-1C-UE

Antenna Port	Channel Position	NR Modulation	NR Channel BW (MHz)	Limit (dBm)
A	B	QPSK	5	-19.02
A	T	QPSK	5	-19.02

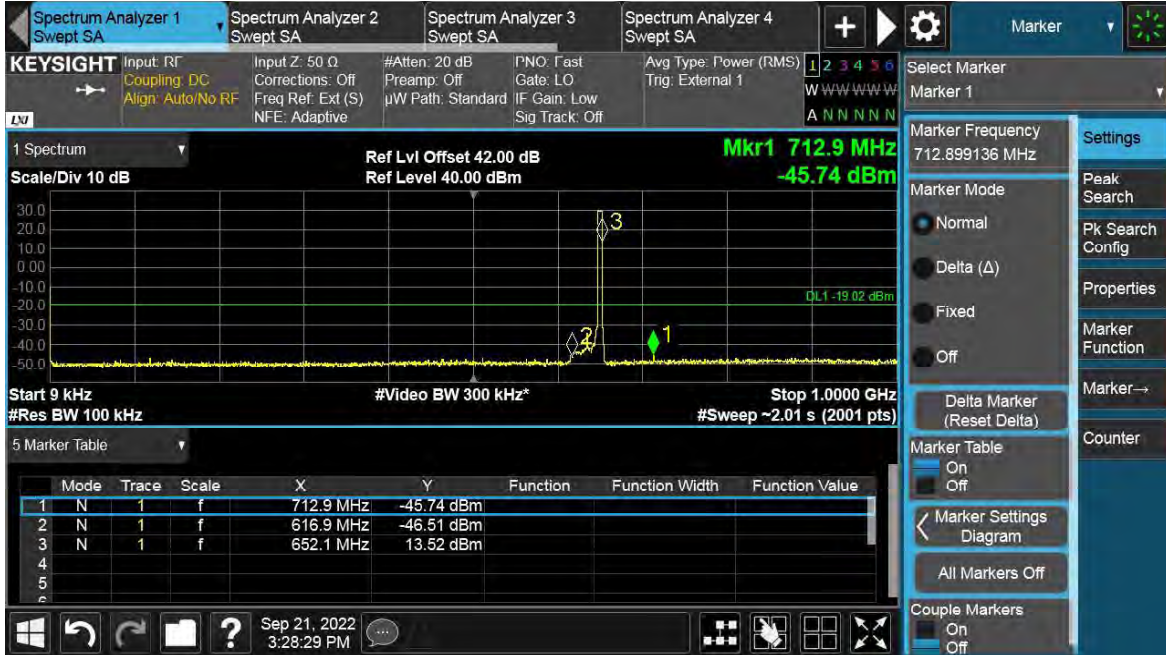
Channel Position B



TEST REPORT

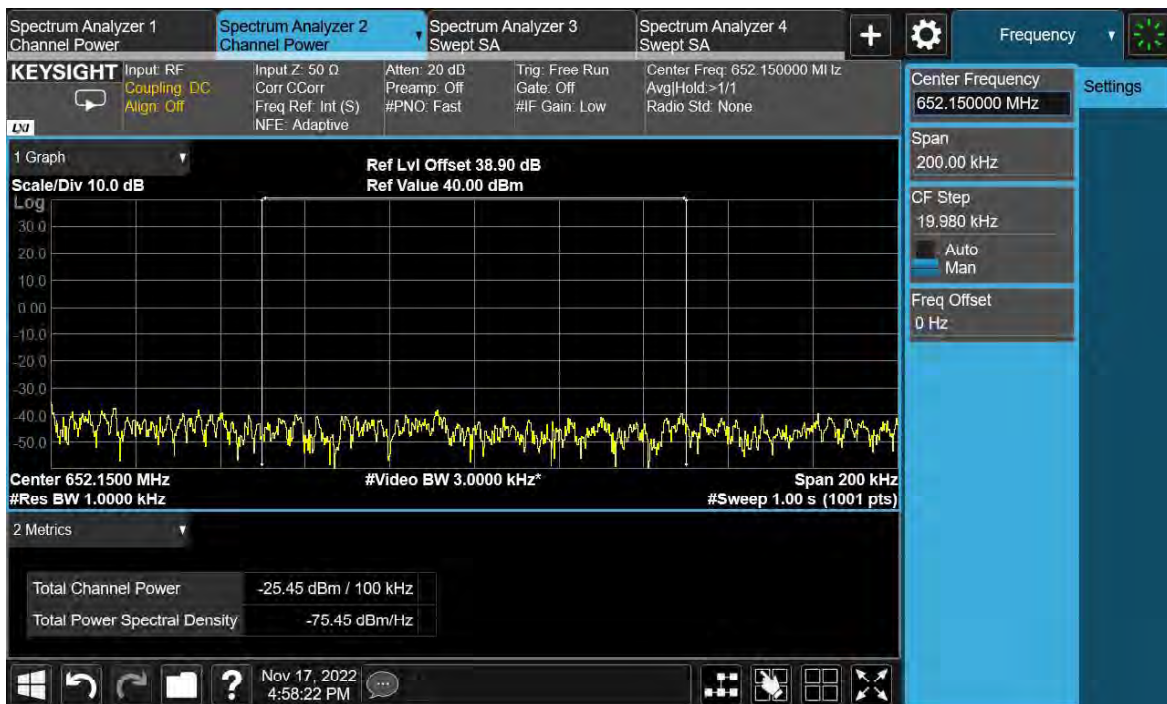
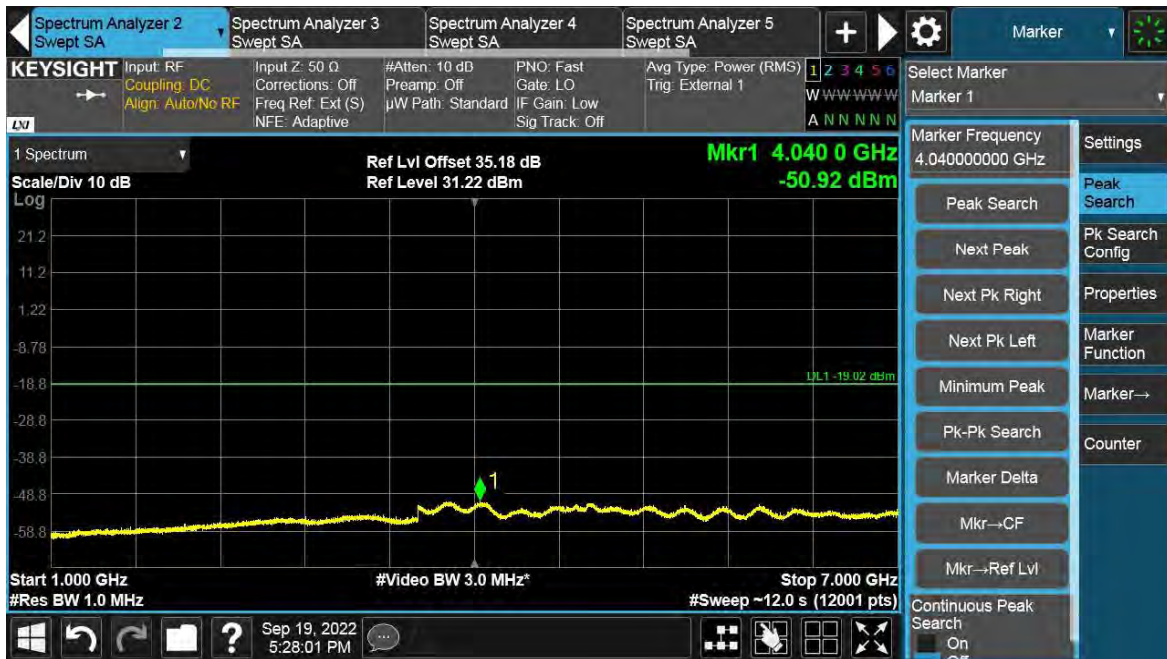


Channel Position T



Total Quality. Assured.

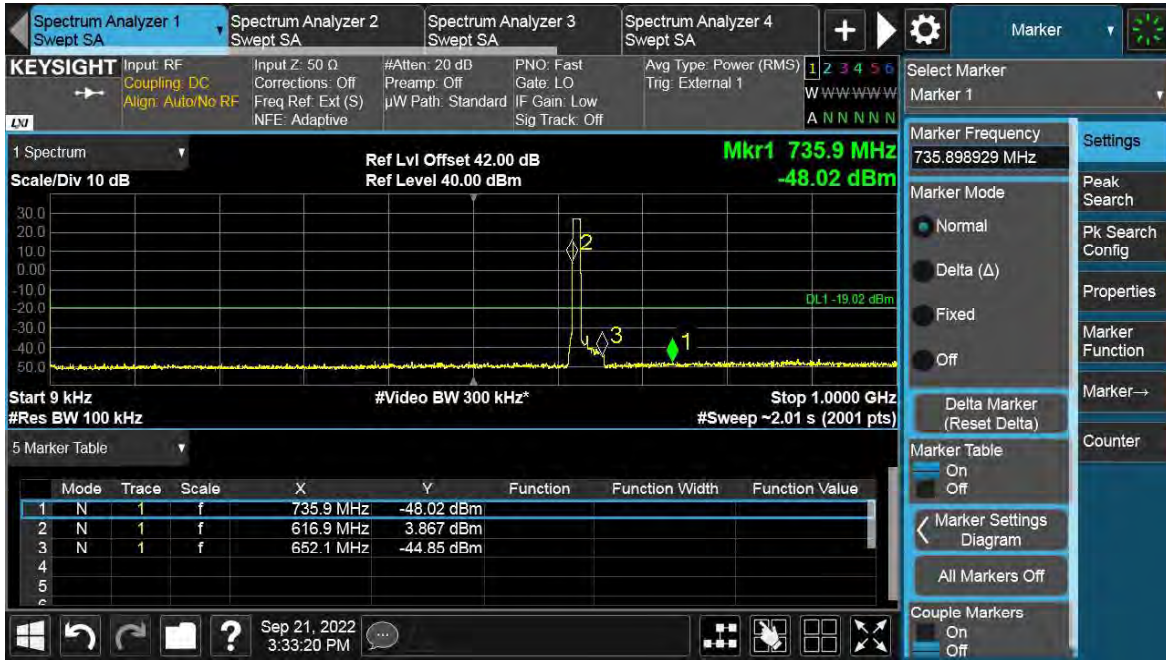
TEST REPORT



TEST REPORT

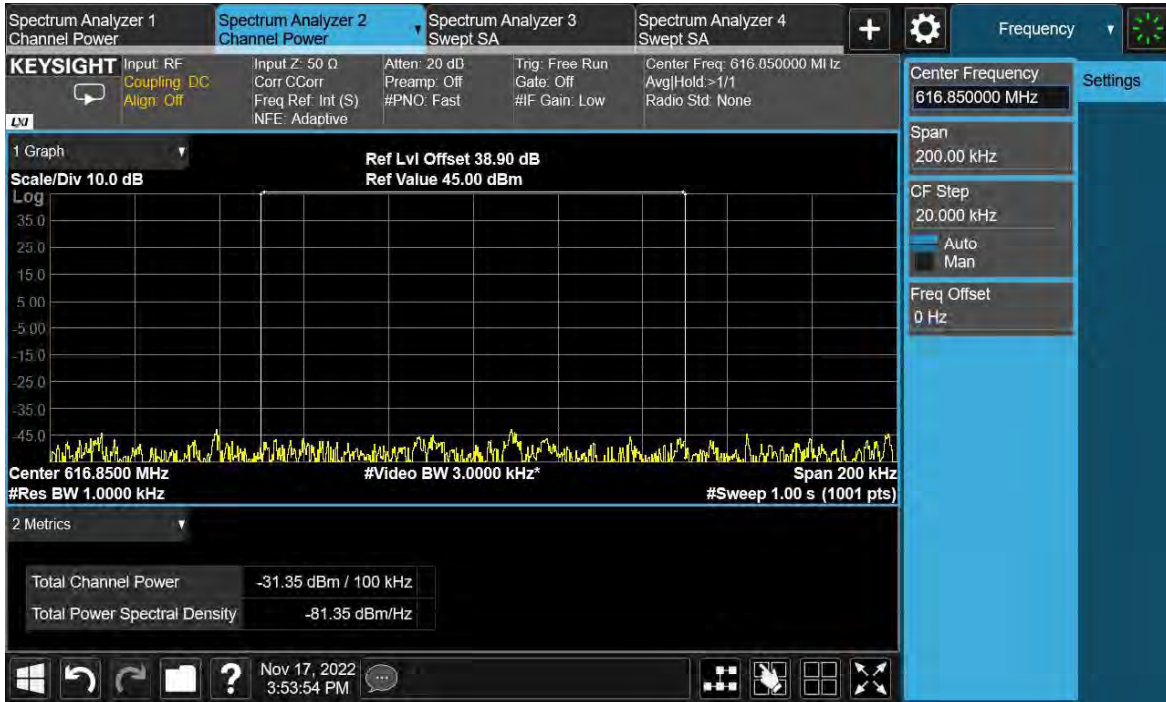
Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	10	-19.02
A	T	QPSK	10	-19.02

Channel Position B



Total Quality. Assured.

TEST REPORT

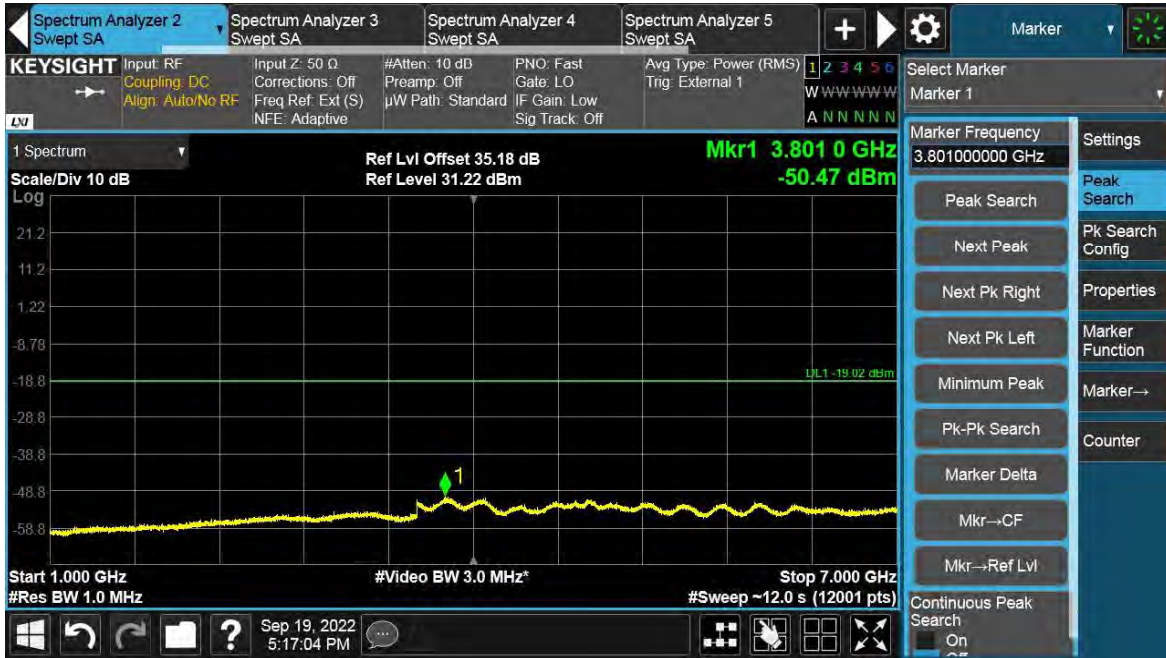


Channel Position T



Total Quality. Assured.

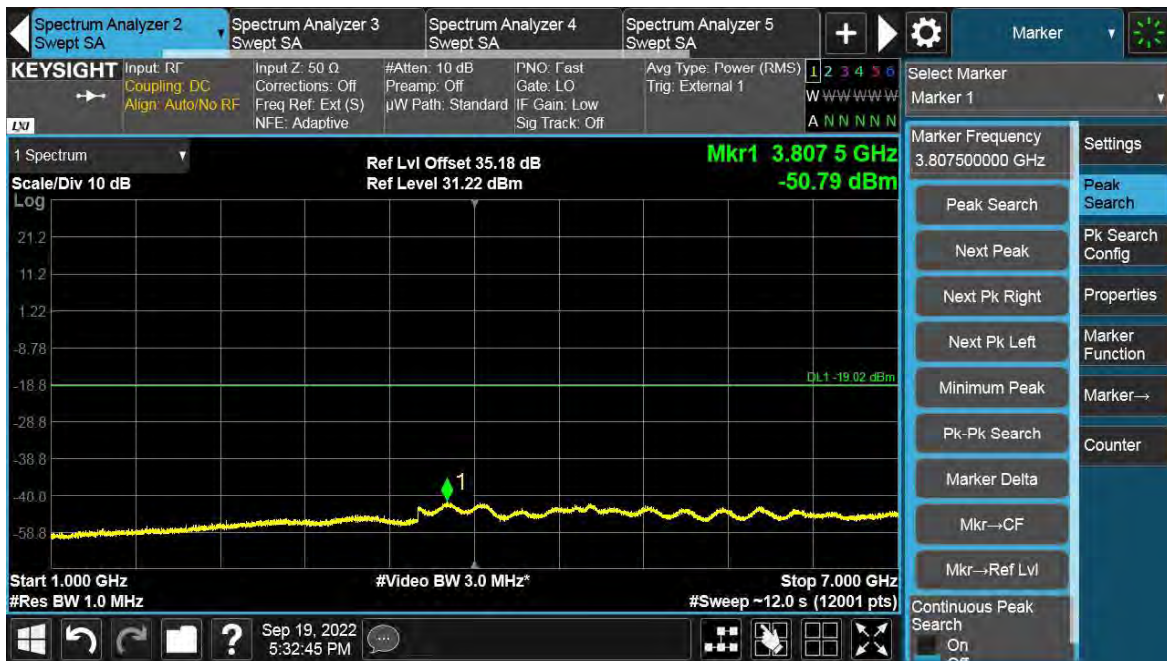
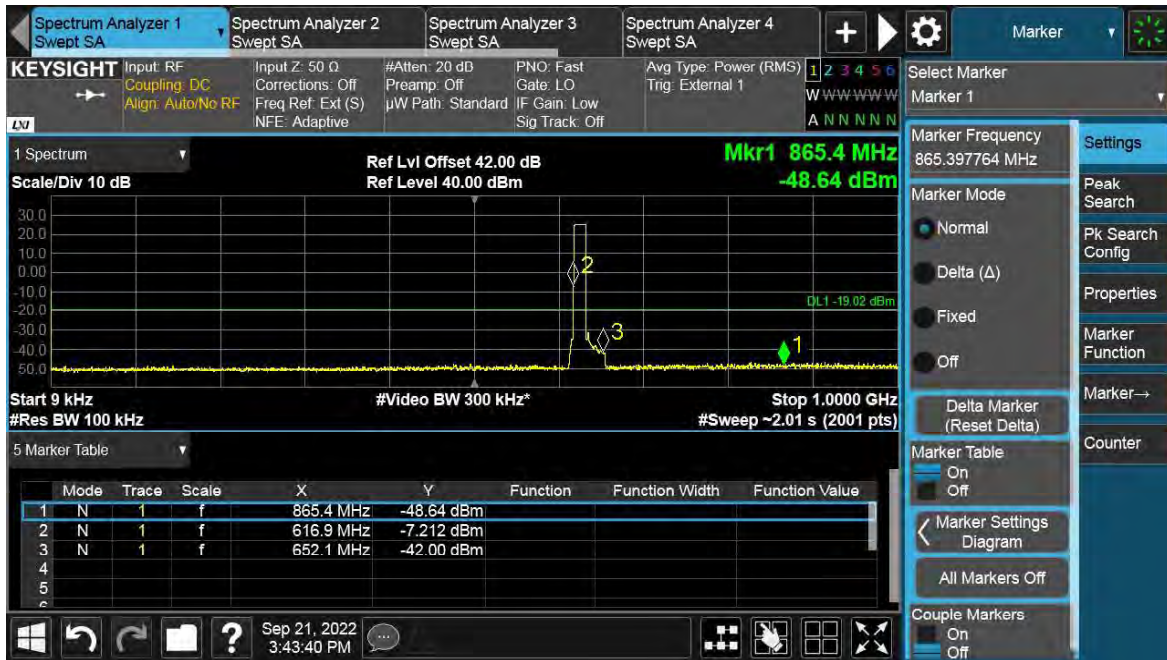
TEST REPORT



TEST REPORT

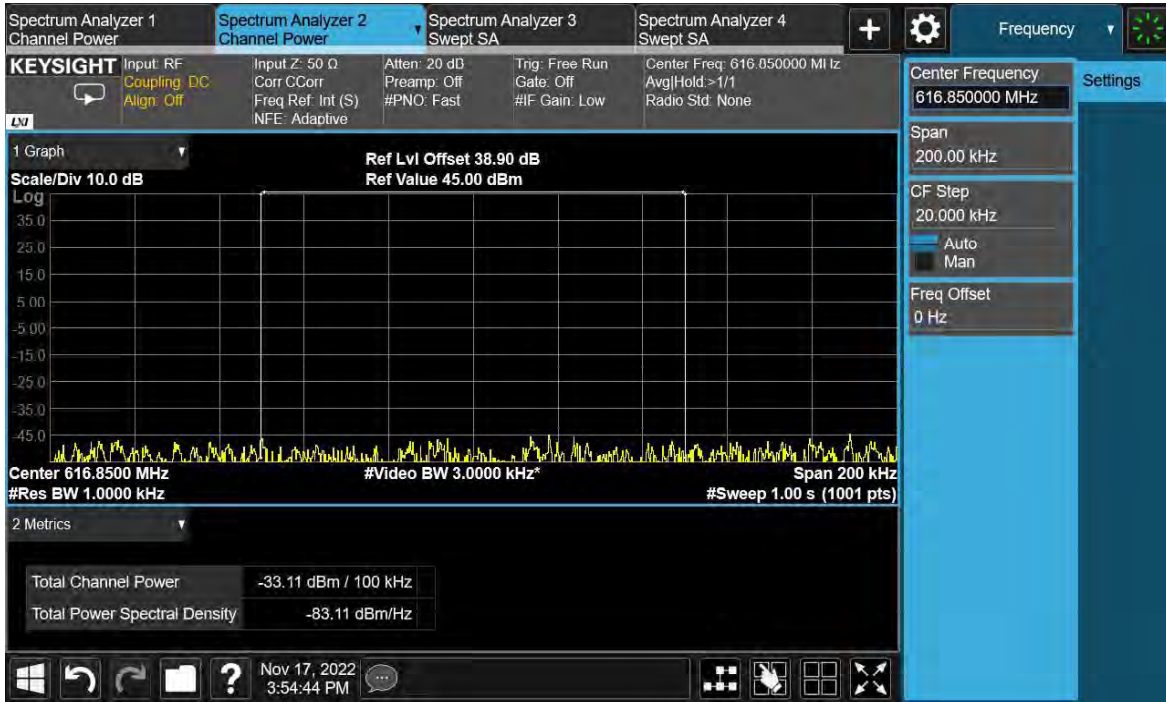
Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	15	-19.02
A	T	QPSK	15	-19.02

Channel Position B

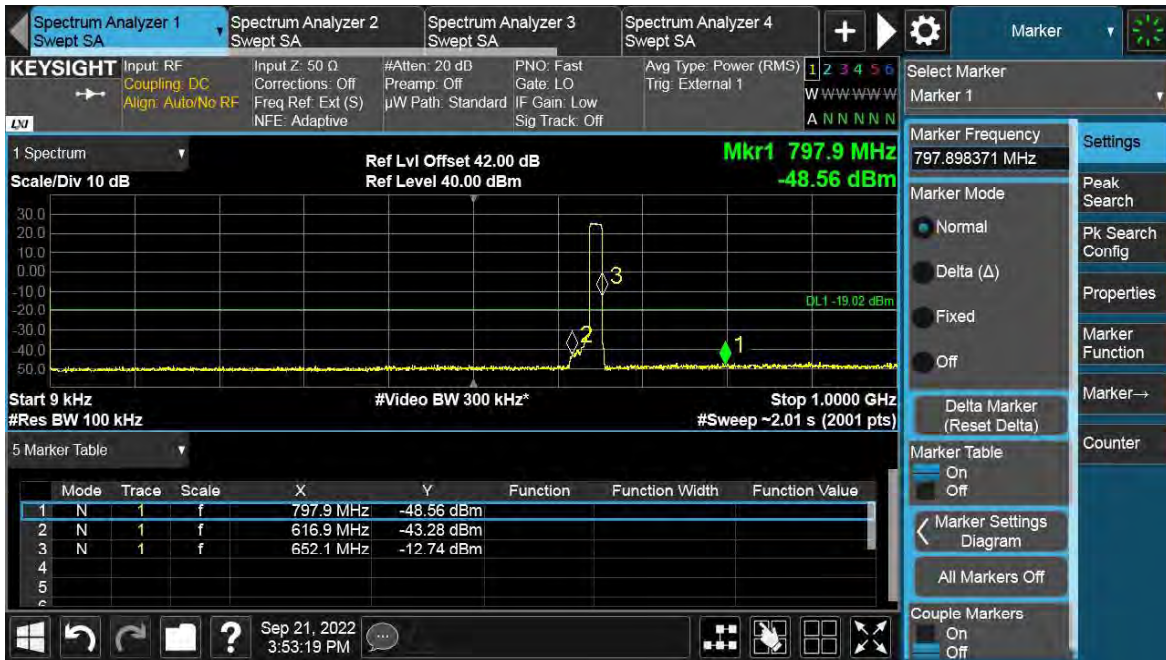


Total Quality. Assured.

TEST REPORT

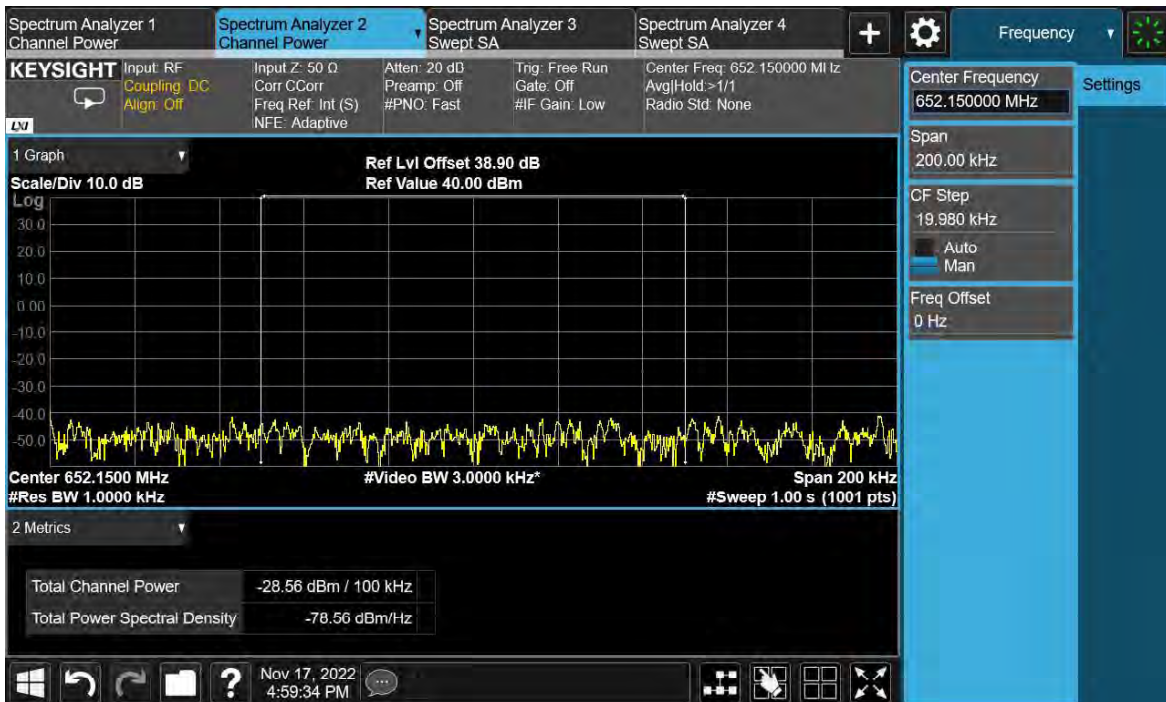


Channel Position T



Total Quality. Assured.

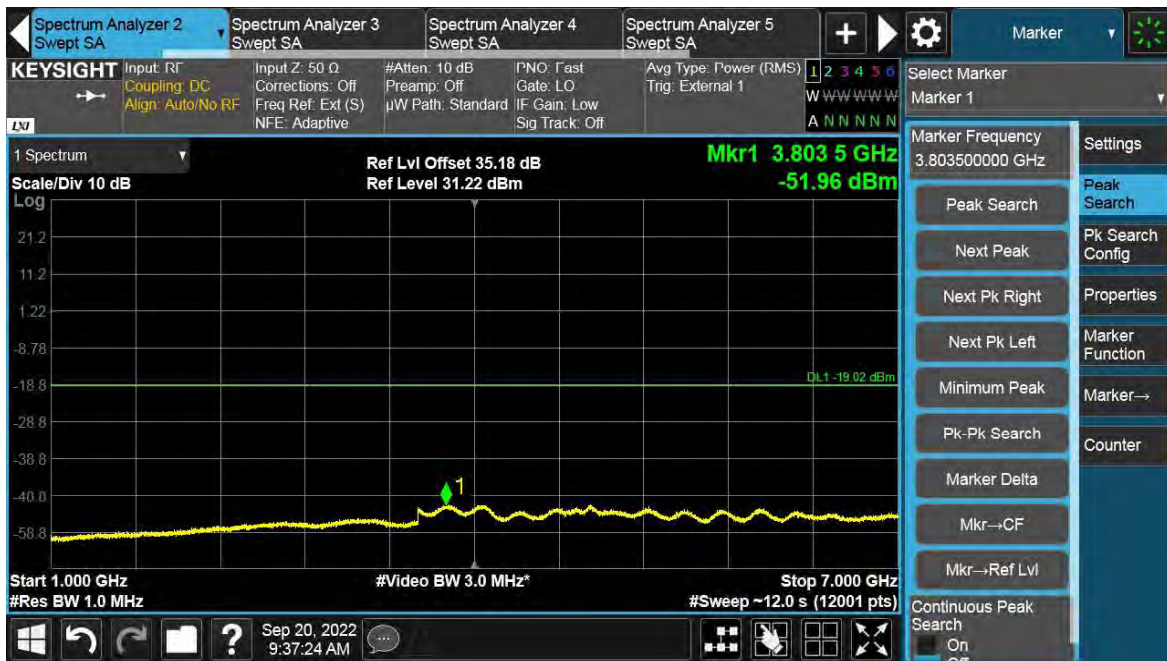
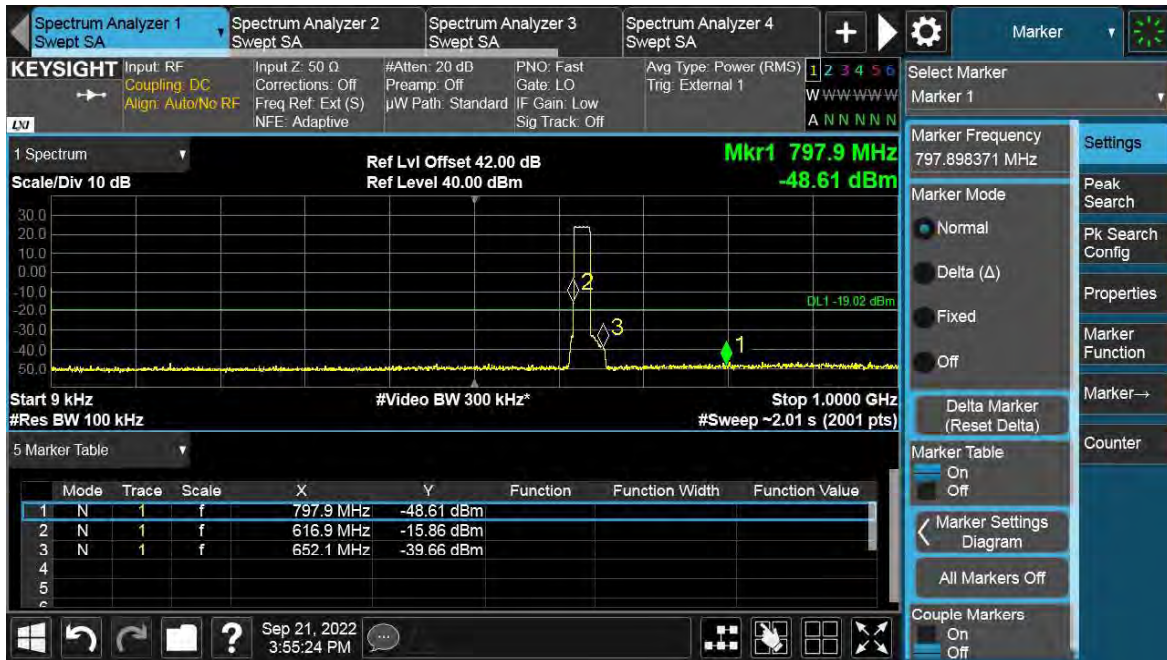
TEST REPORT



TEST REPORT

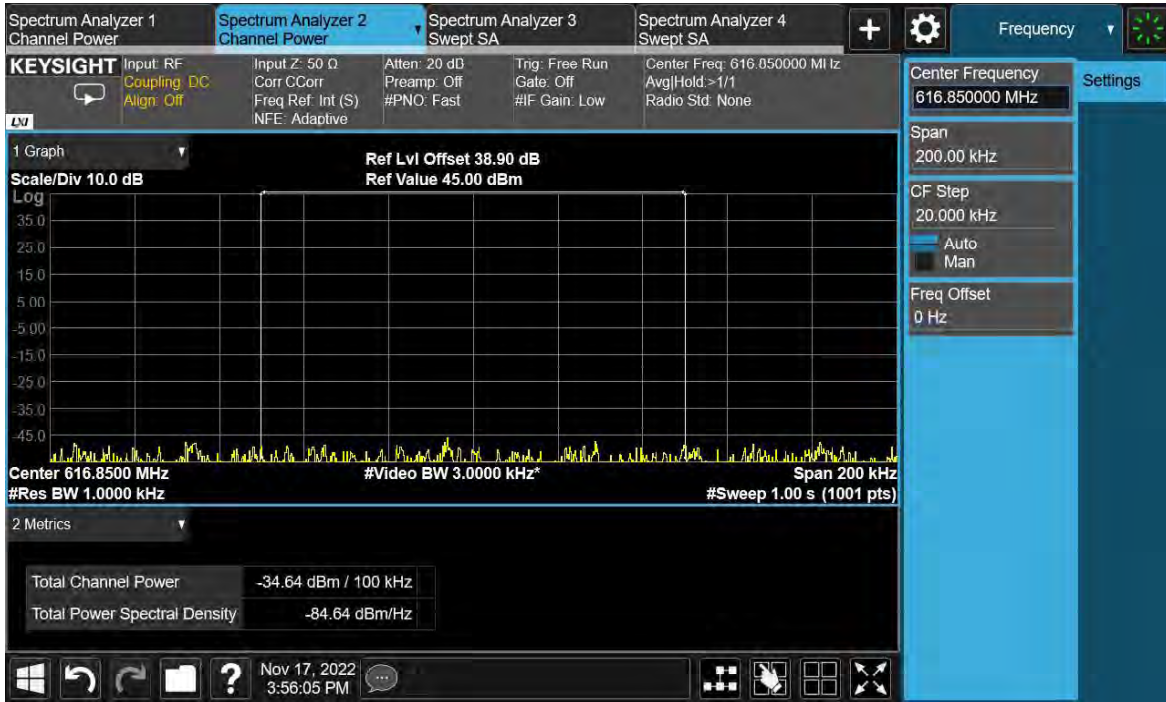
Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	20	-19.02
A	T	QPSK	20	-19.02

Channel Position B

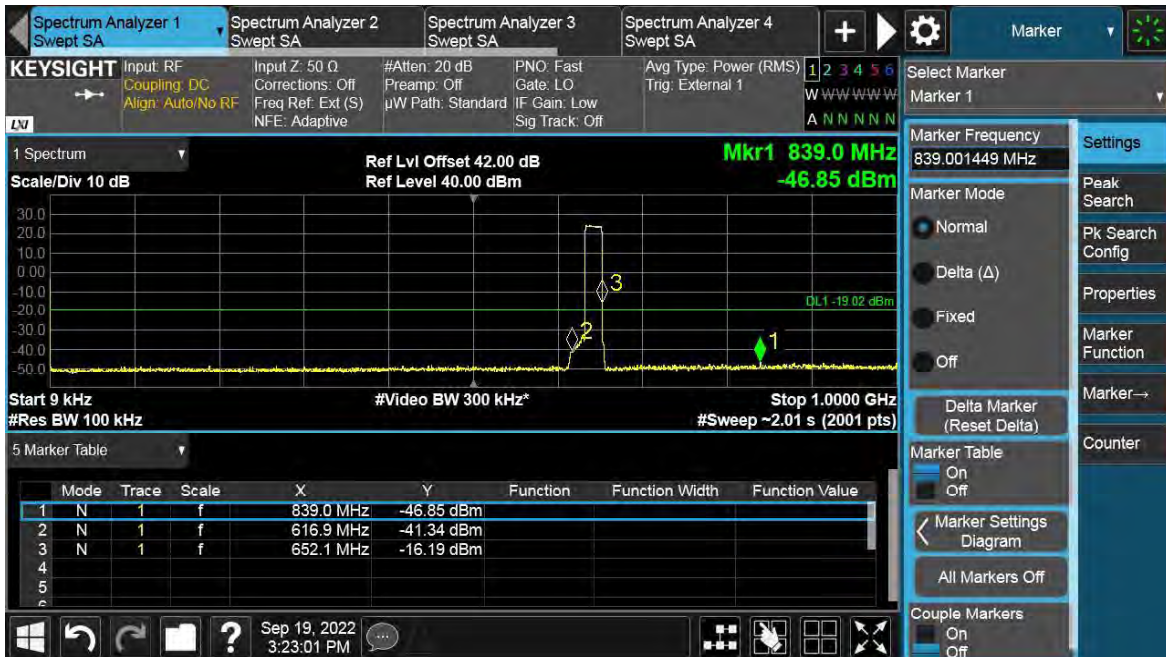


Total Quality. Assured.

TEST REPORT

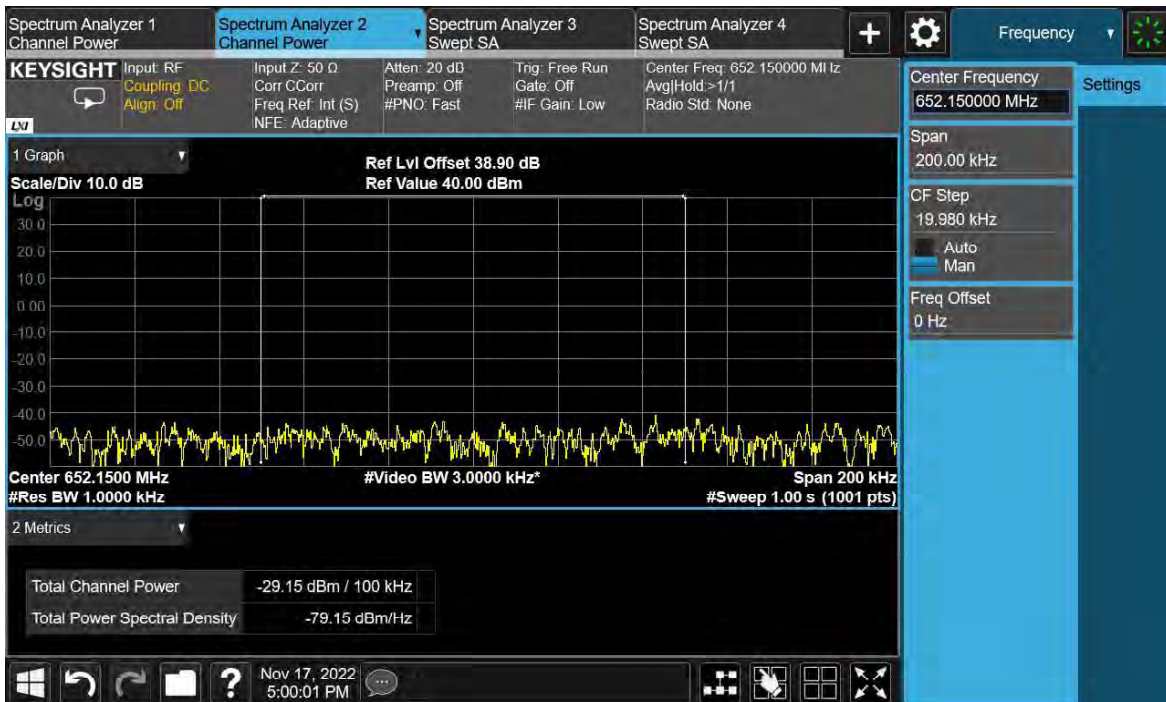


Channel Position T



Total Quality. Assured.

TEST REPORT

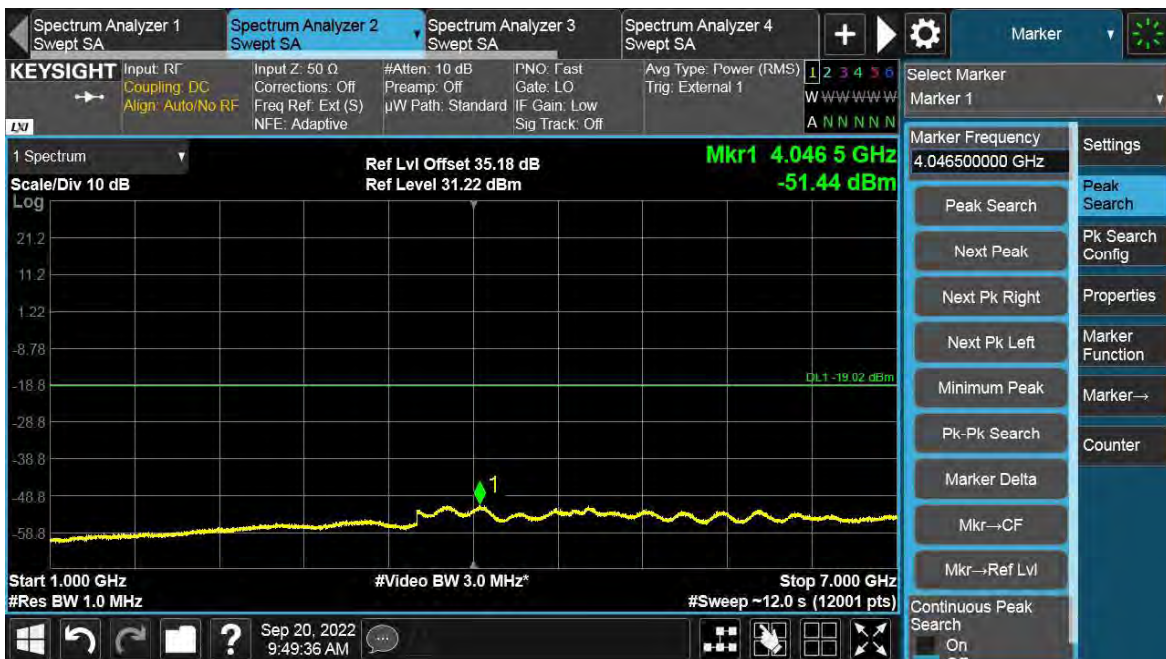
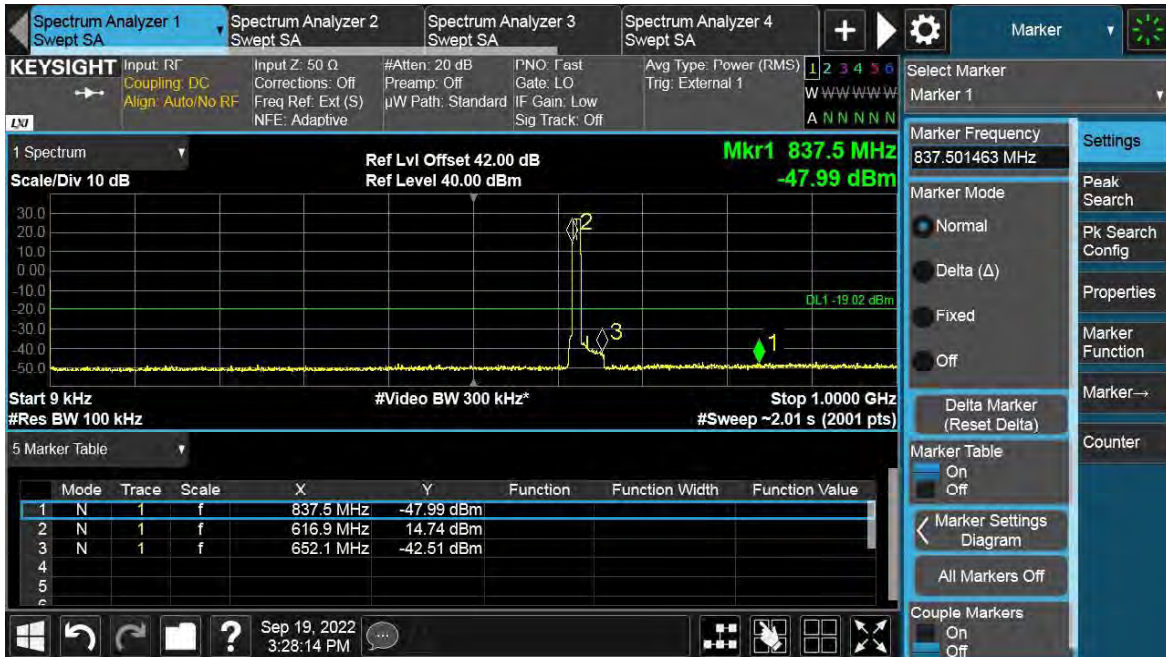


TEST REPORT

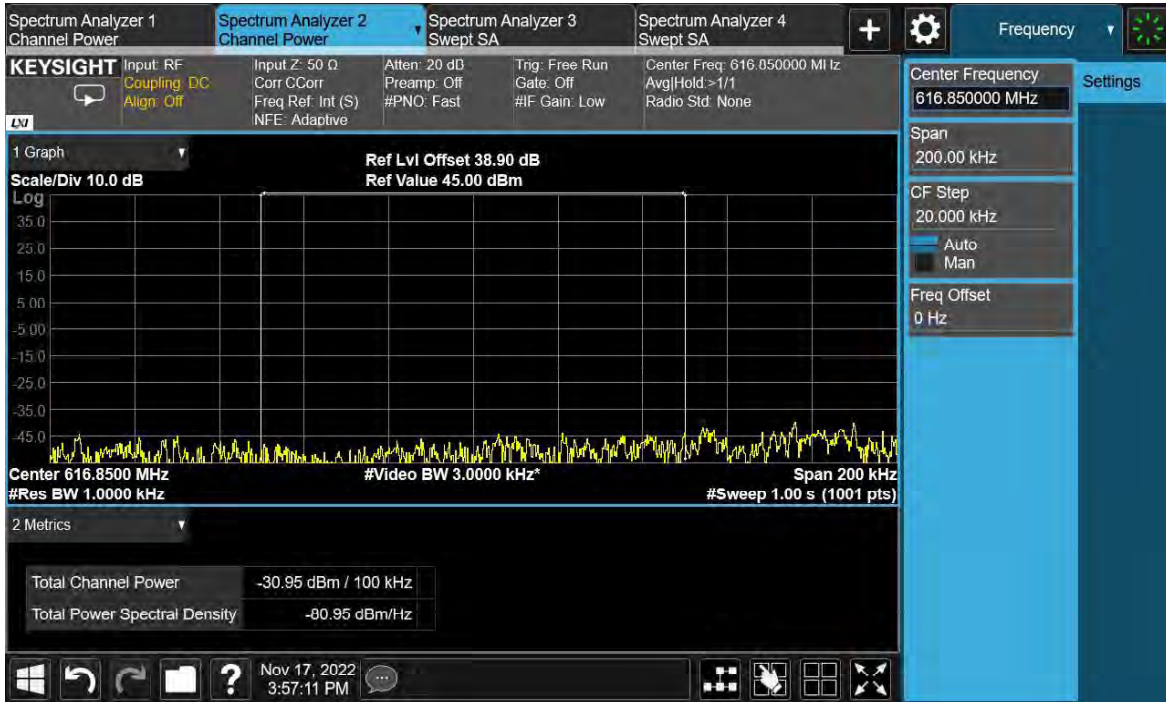
NR-2C-UE

Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	5	-19.02
A	T	QPSK	5	-19.02

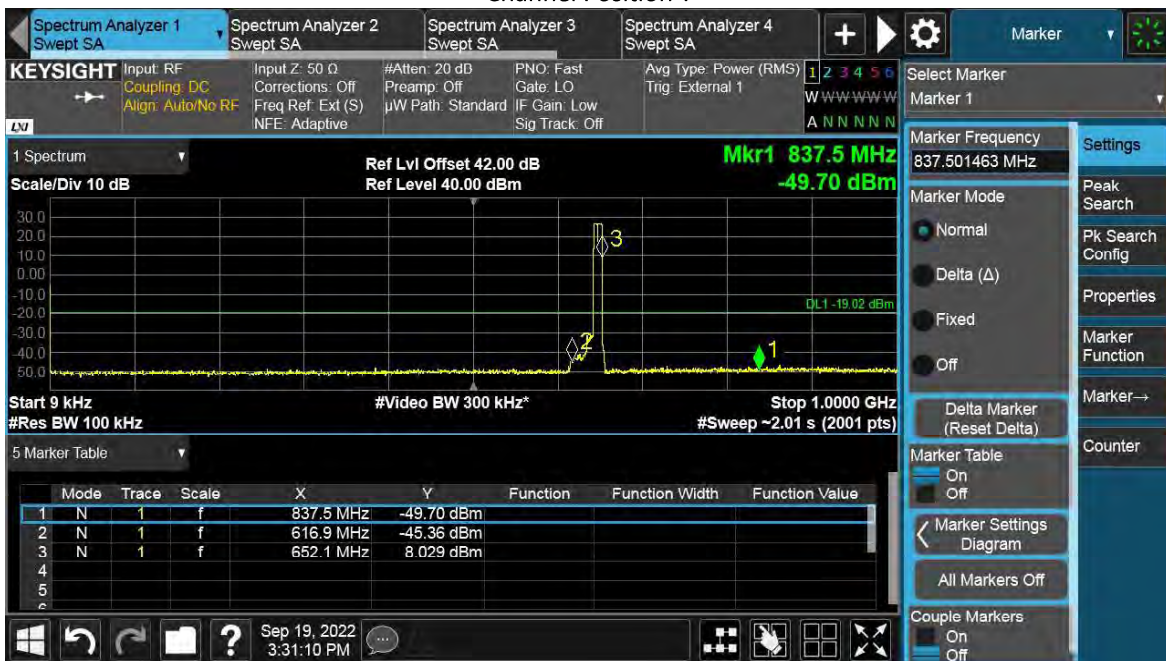
Channel Position B



TEST REPORT

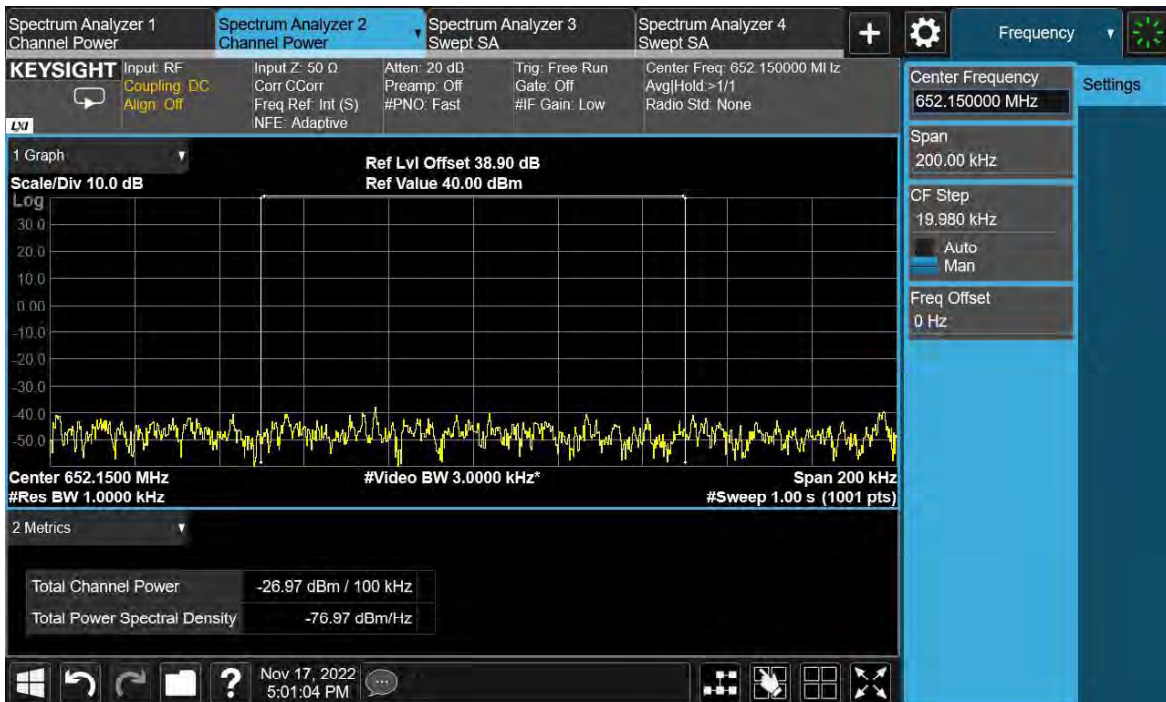
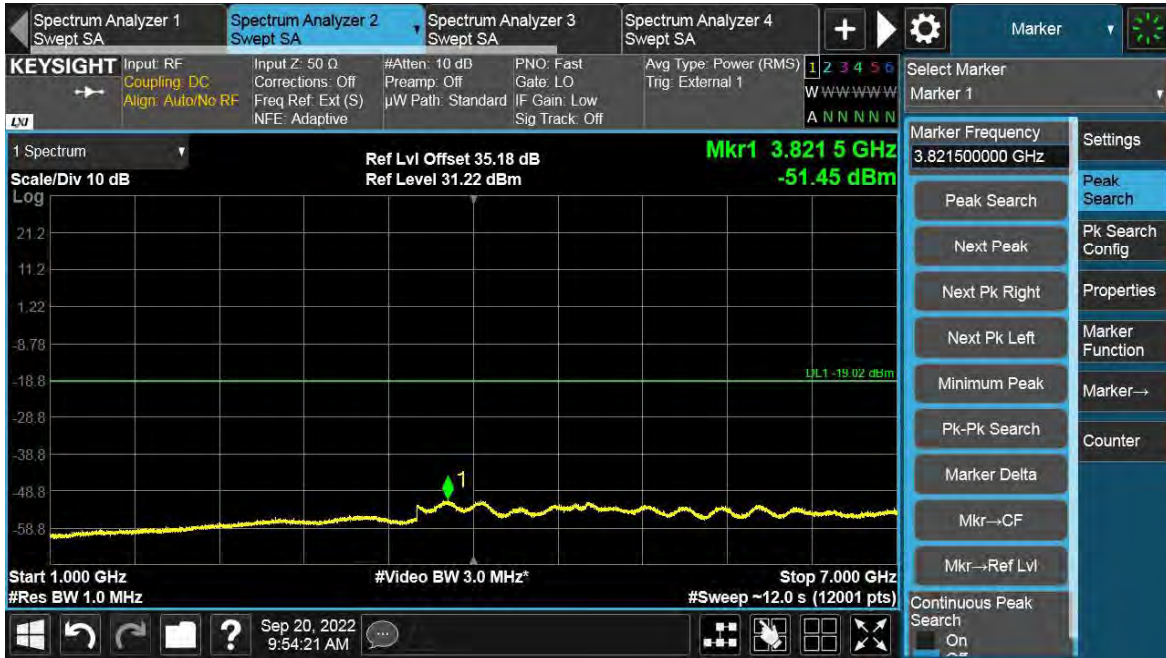


Channel Position T



Total Quality. Assured.

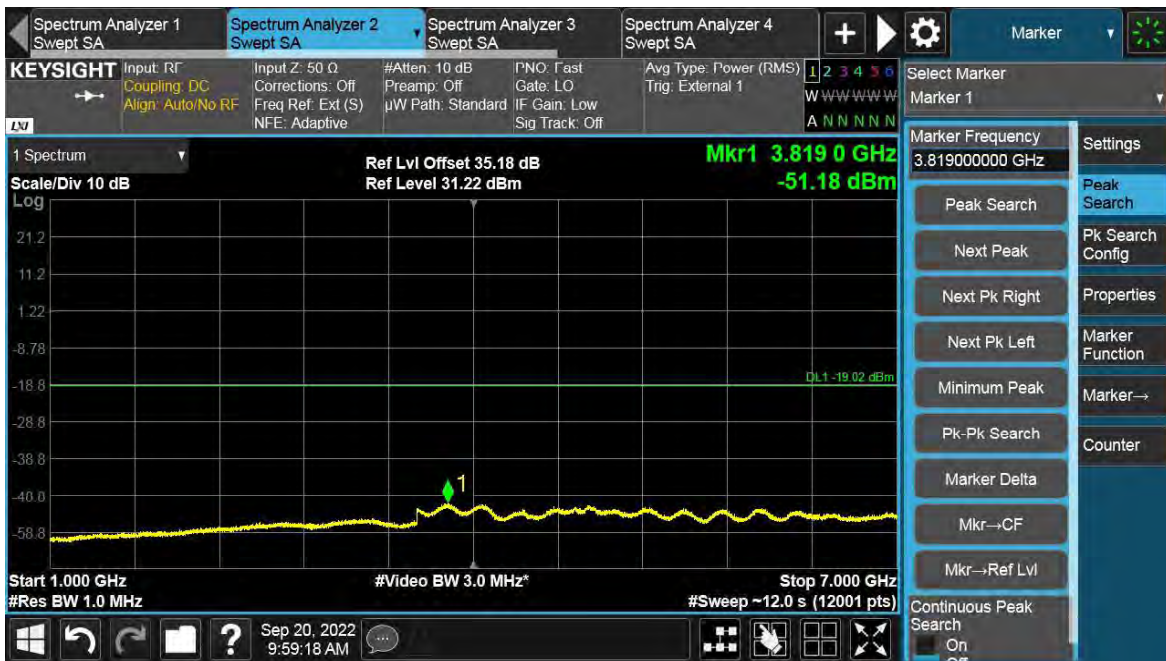
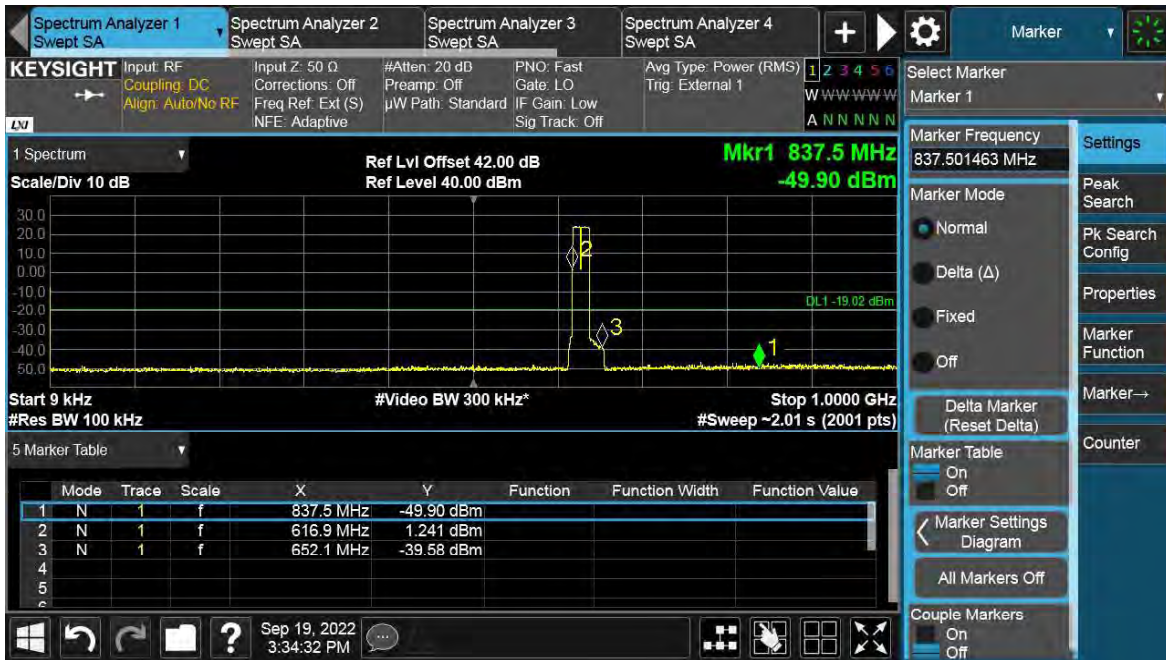
TEST REPORT



TEST REPORT

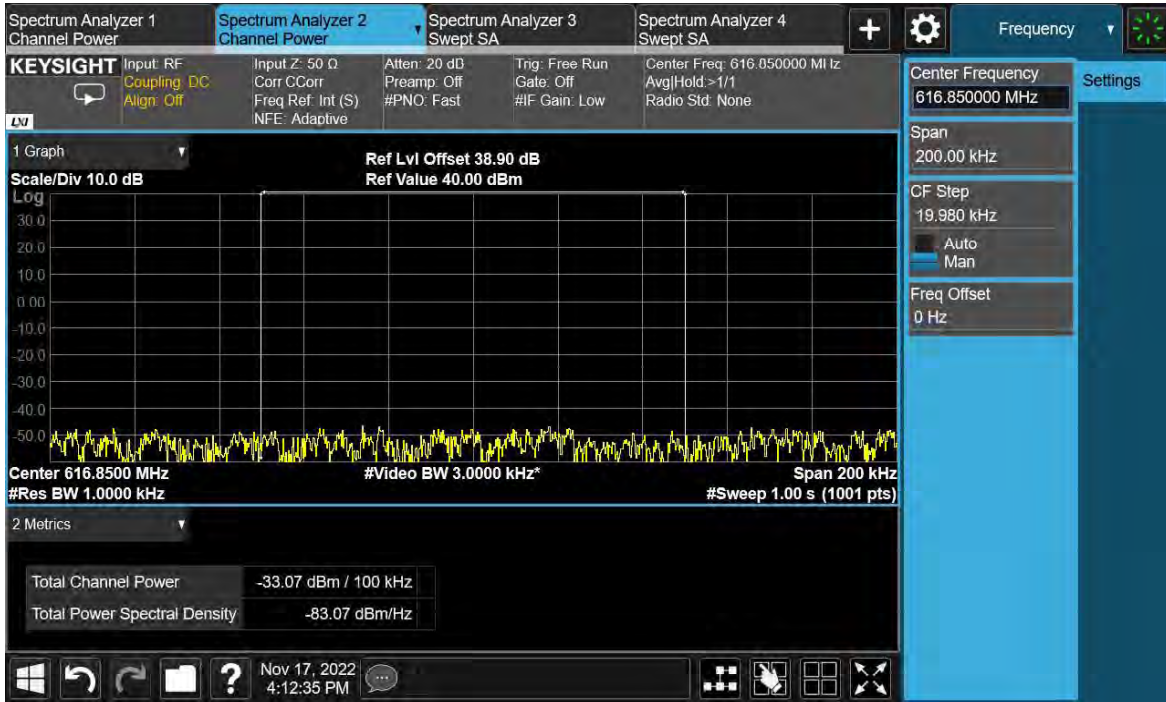
Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	10	-19.02
A	T	QPSK	10	-19.02

Channel Position B



Total Quality. Assured.

TEST REPORT

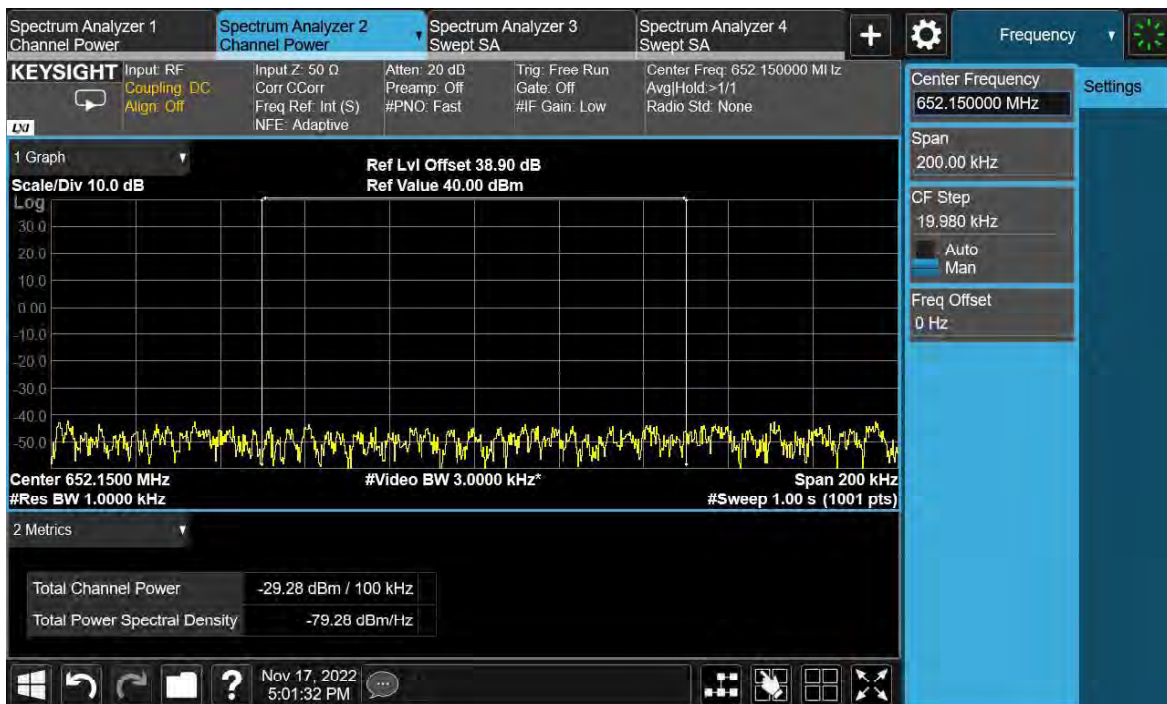
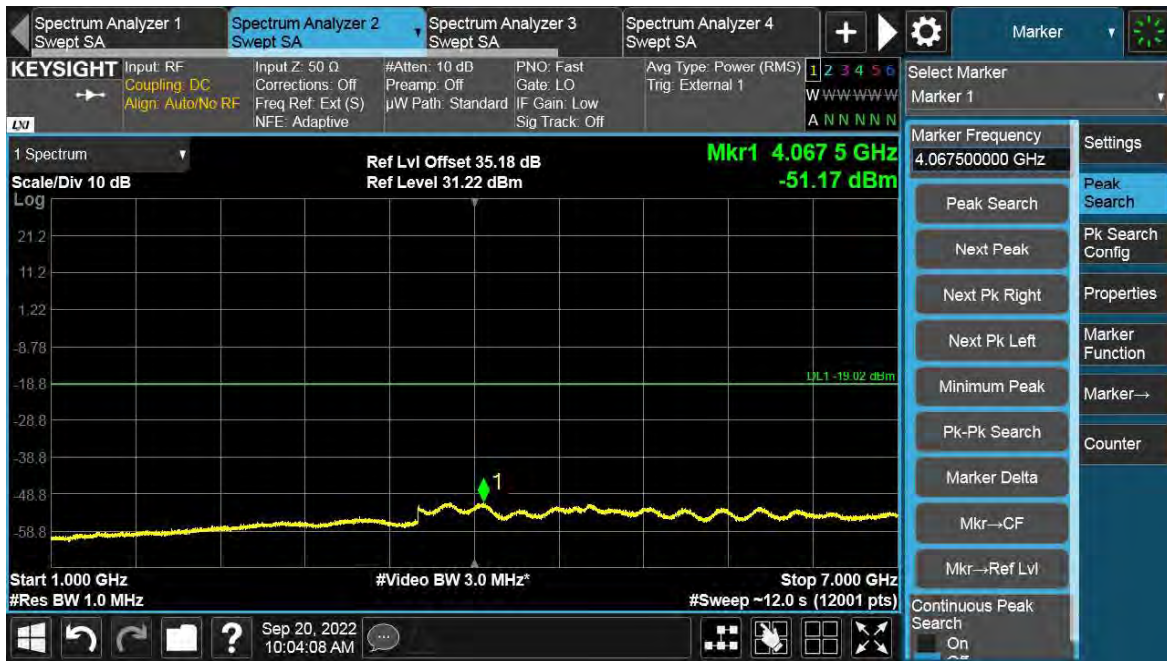


Channel Position T



Total Quality. Assured.

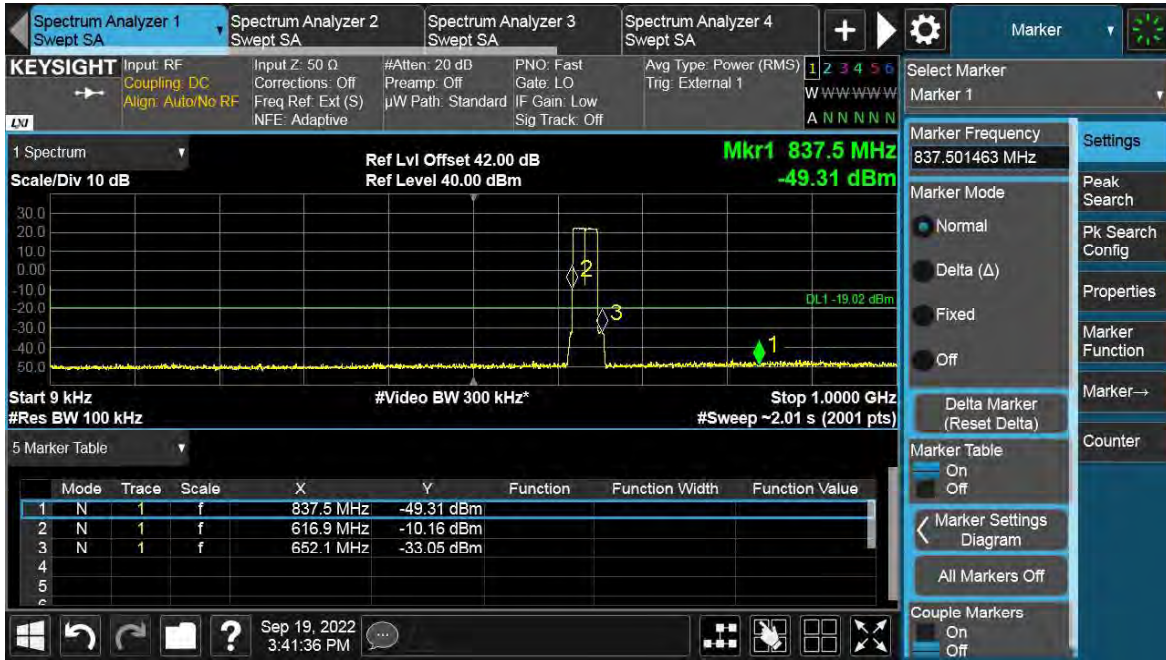
TEST REPORT



TEST REPORT

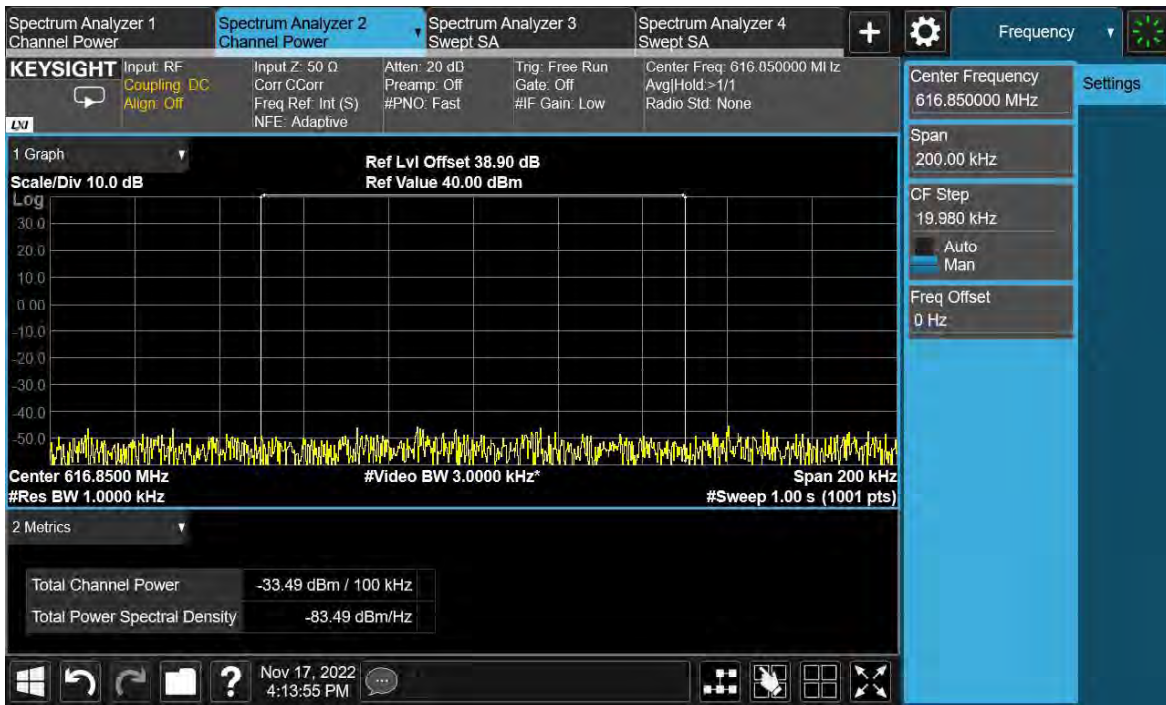
Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	15	-19.02
A	T	QPSK	15	-19.02

Channel Position B



Total Quality. Assured.

TEST REPORT

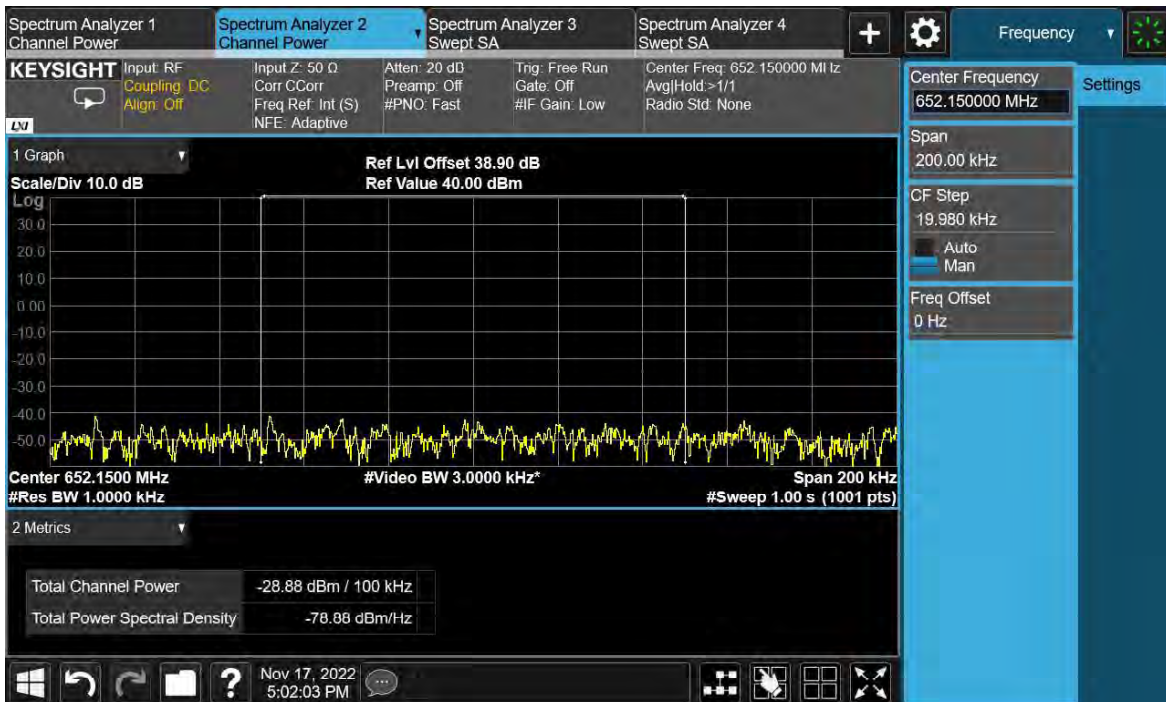


Channel Position T



Total Quality. Assured.

TEST REPORT

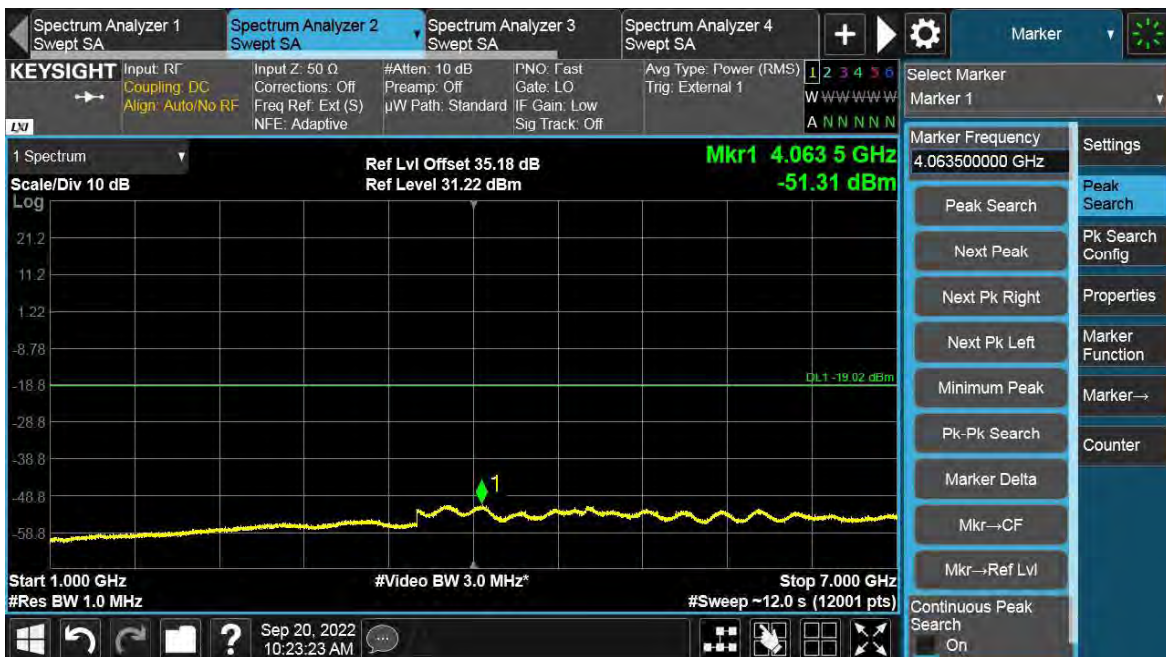
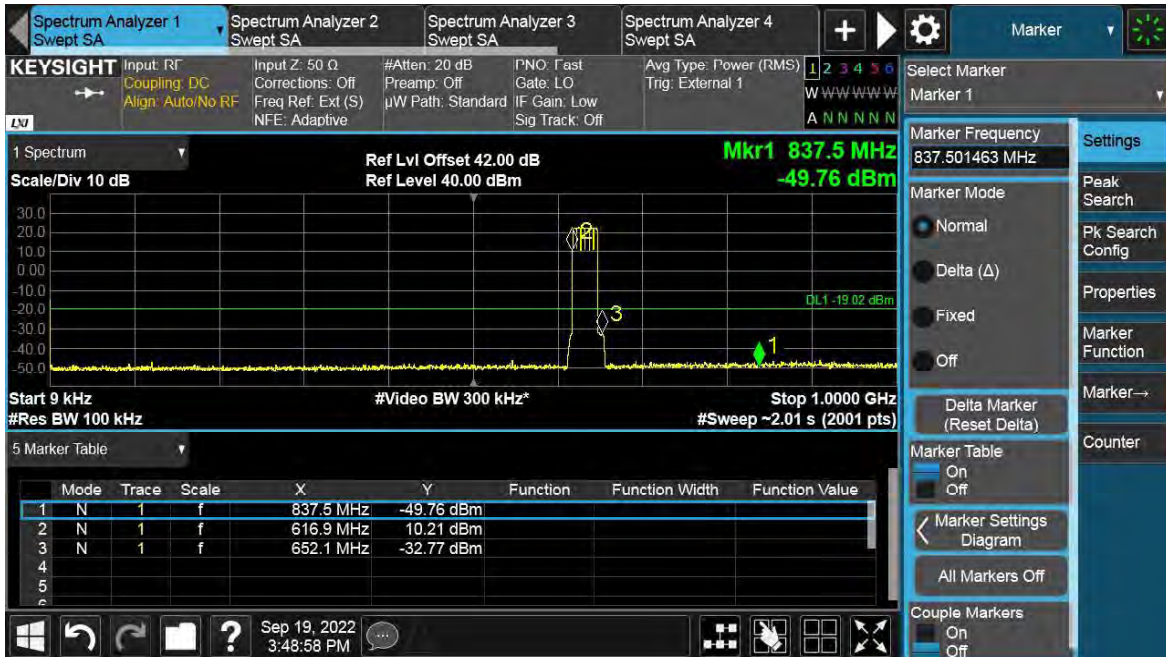


TEST REPORT

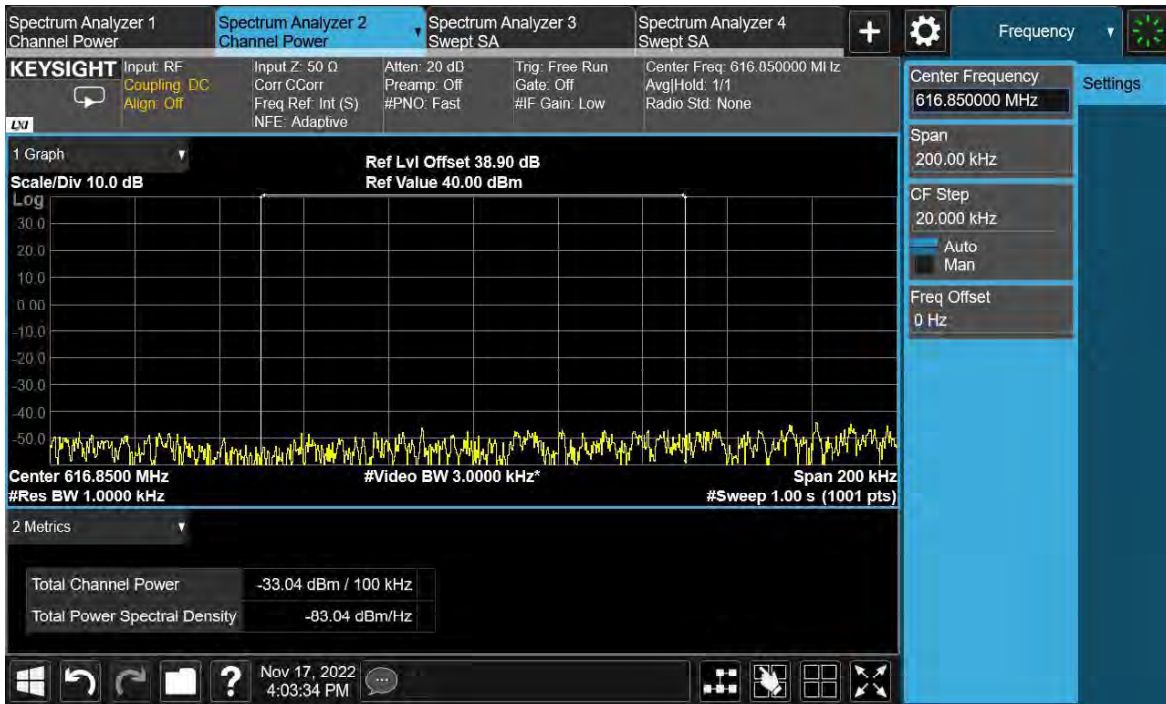
NR-6C-UE

Antenna Port	Channel Position	NR Modulation	NR Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	5	-19.02
A	T	QPSK	5	-19.02

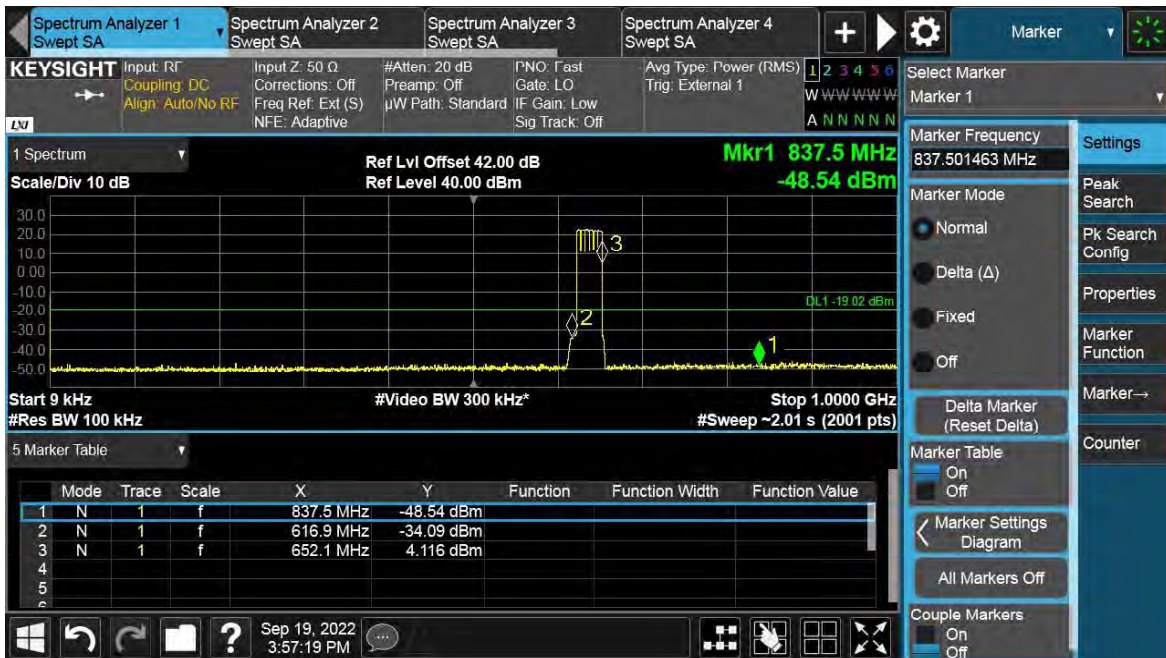
Channel Position B



TEST REPORT

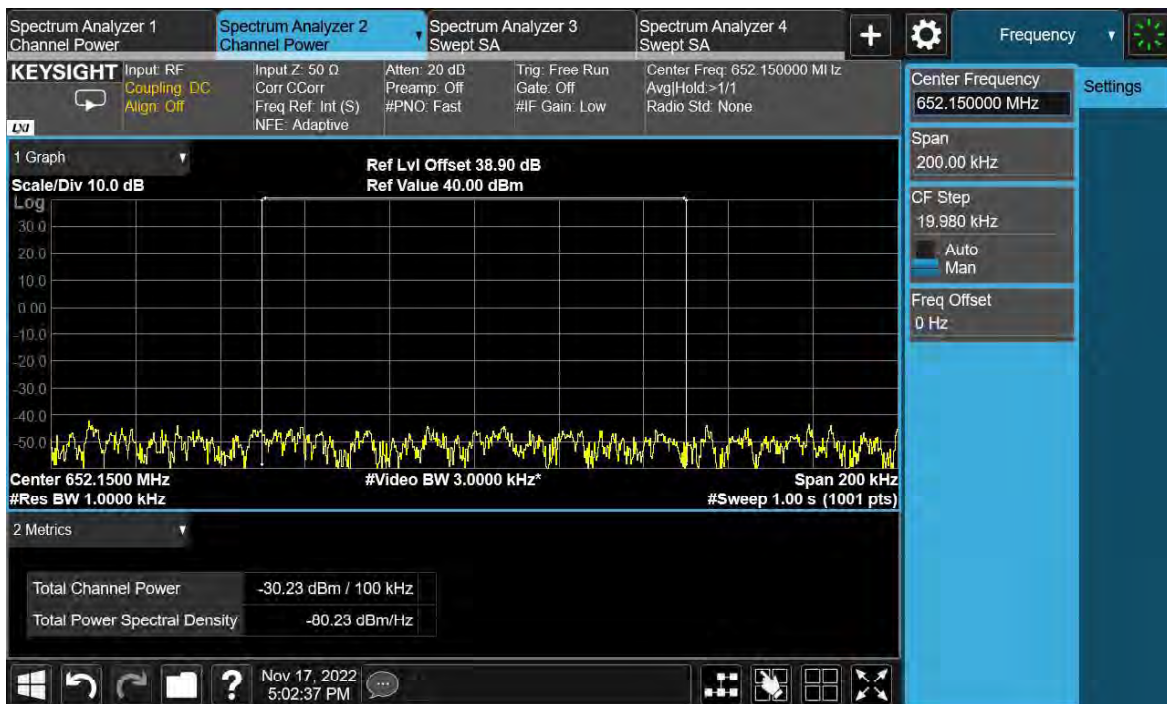
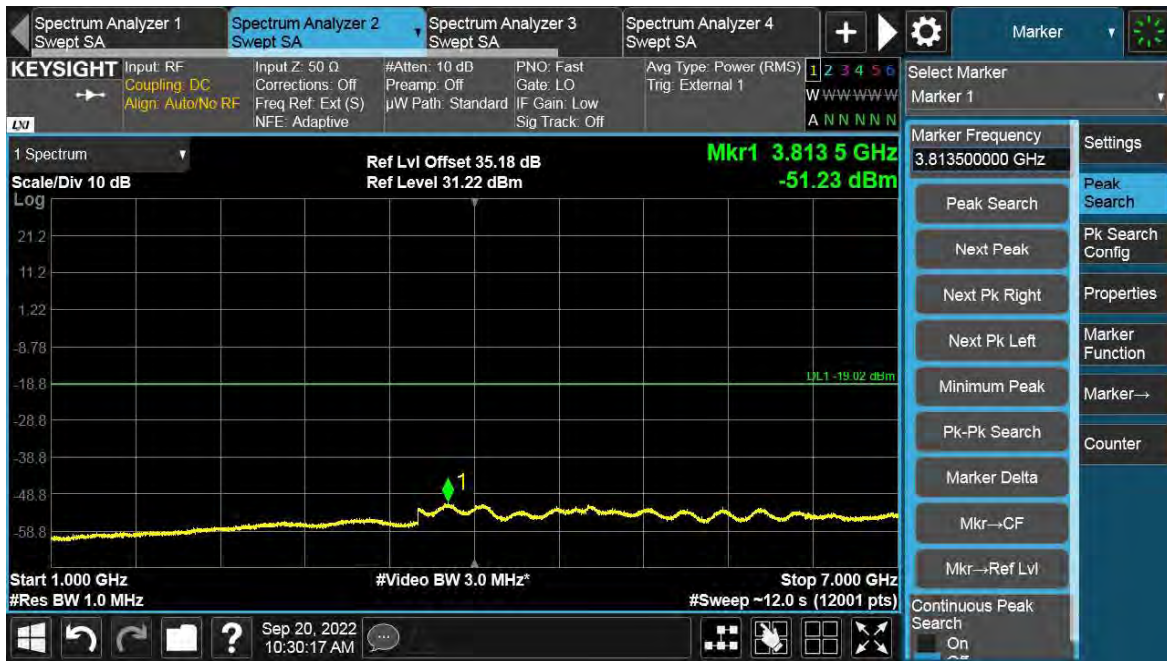


Channel Position T



Total Quality. Assured.

TEST REPORT

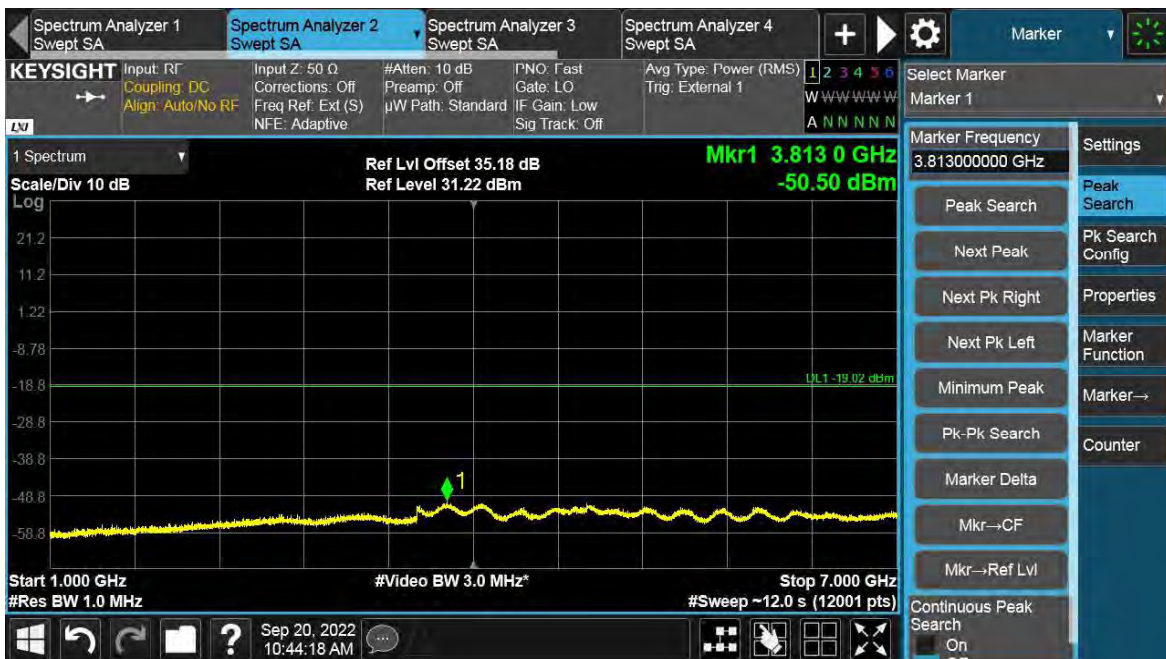
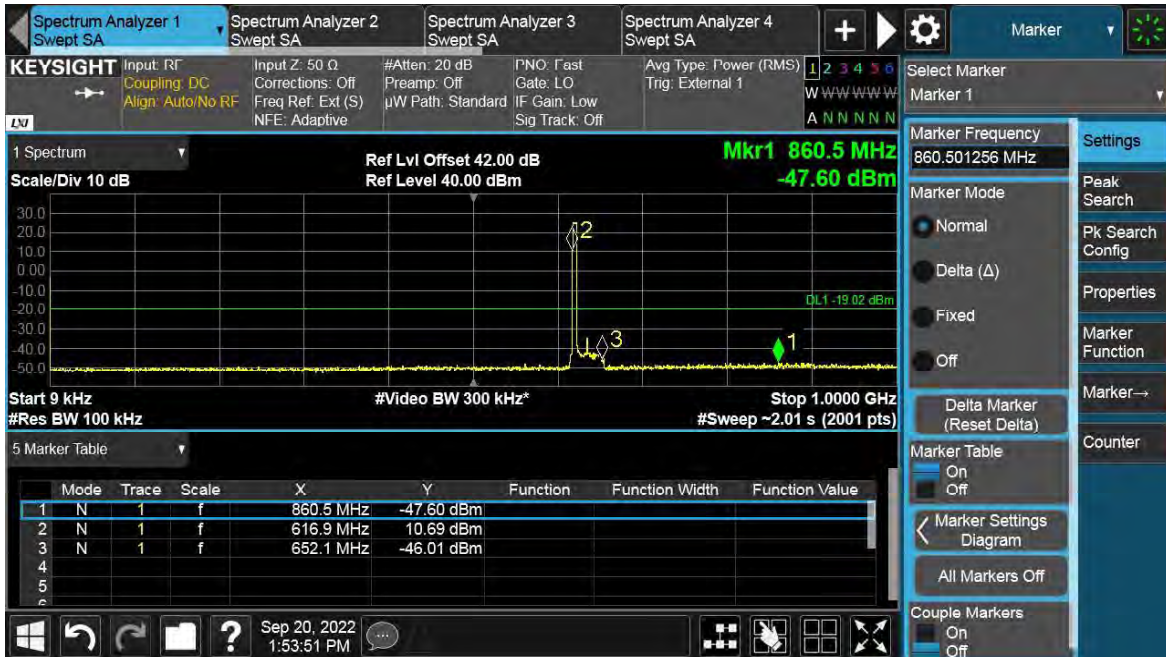


TEST REPORT

LTE-1C-UE

Antenna Port	Channel Position	LTE Modulation	LTE Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	5	-19.02
A	T	QPSK	5	-19.02

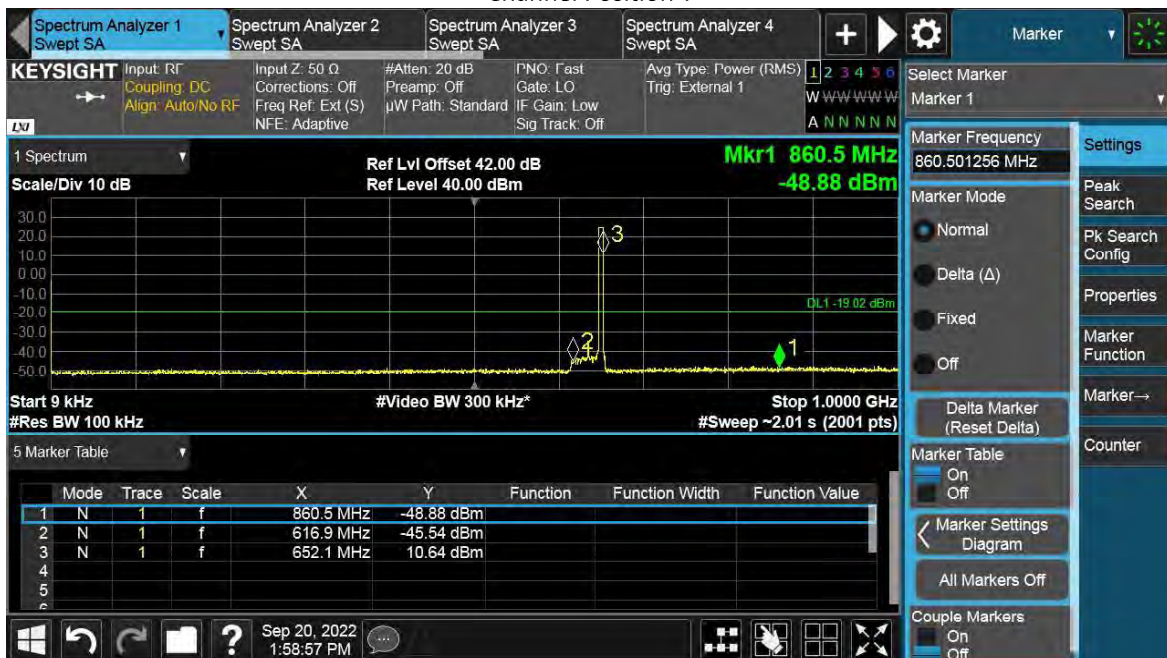
Channel Position B



TEST REPORT

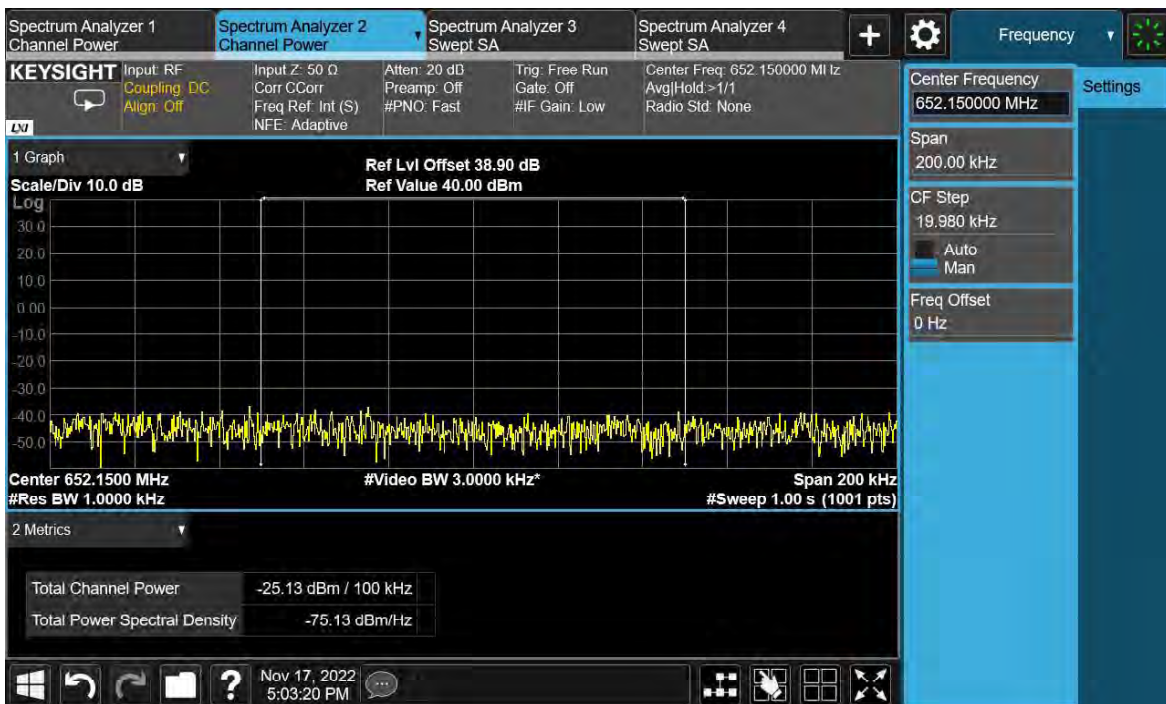
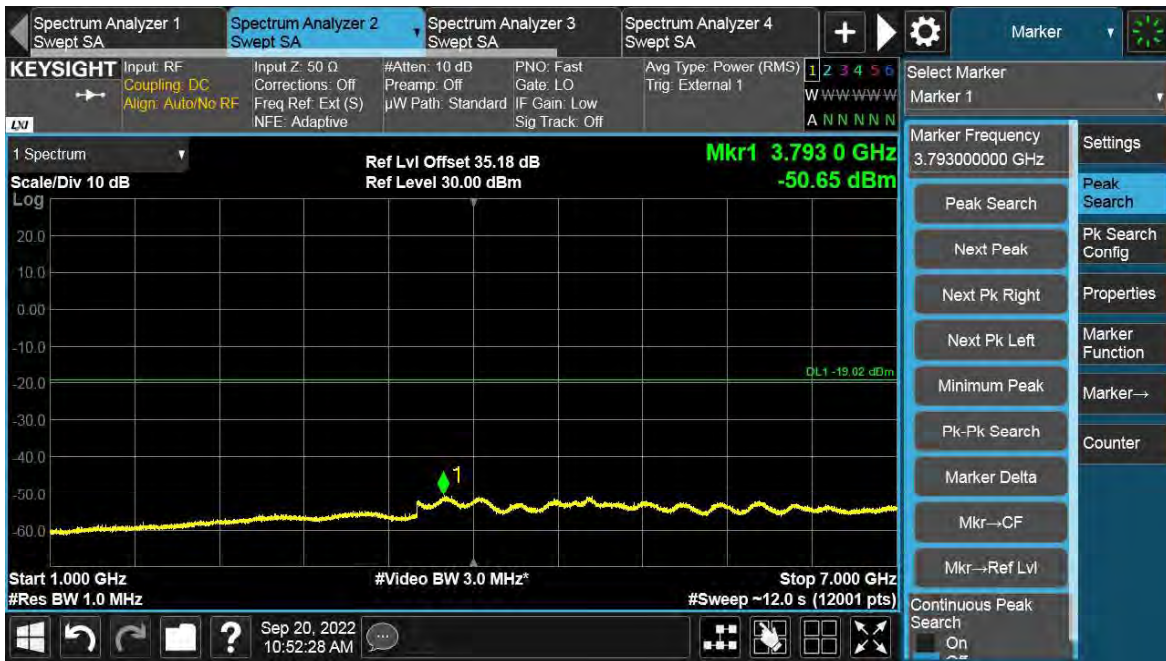


Channel Position T



Total Quality. Assured.

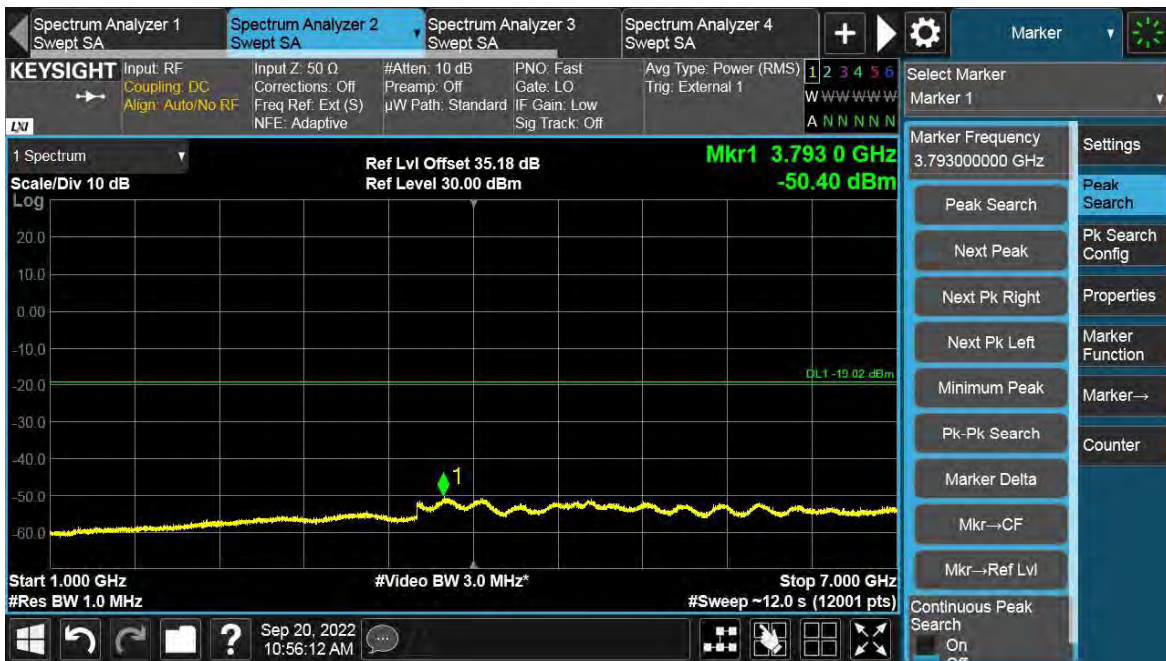
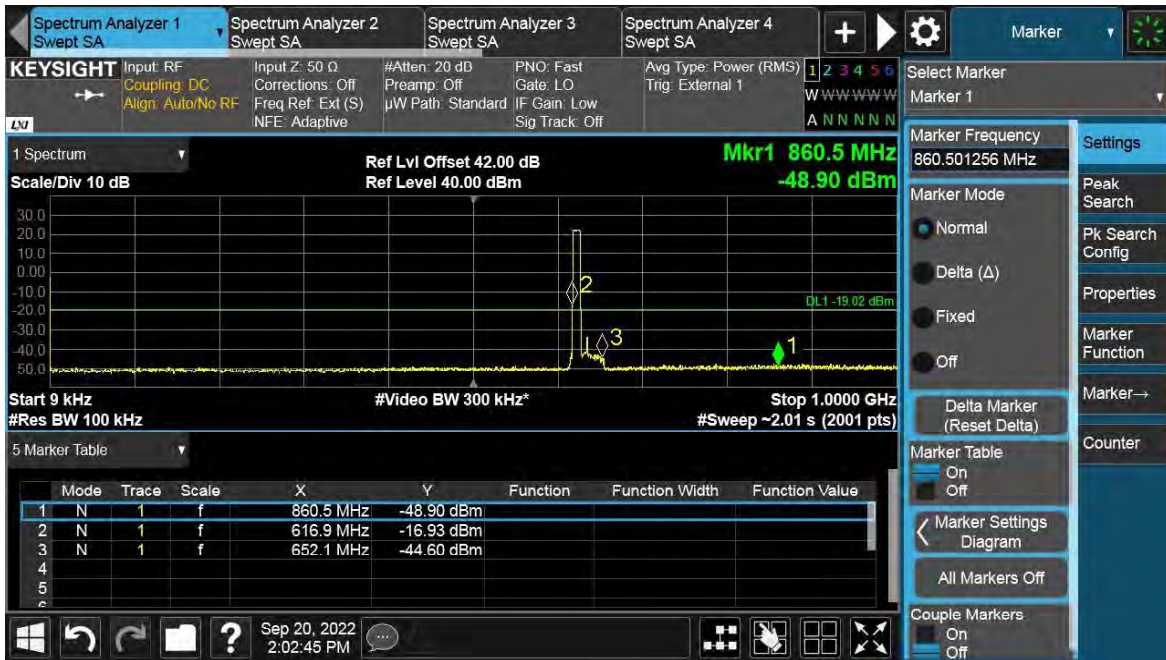
TEST REPORT



TEST REPORT

Antenna Port	Channel Position	LTE Modulation	LTE Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	10	-19.02
A	T	QPSK	10	-19.02

Channel Position B

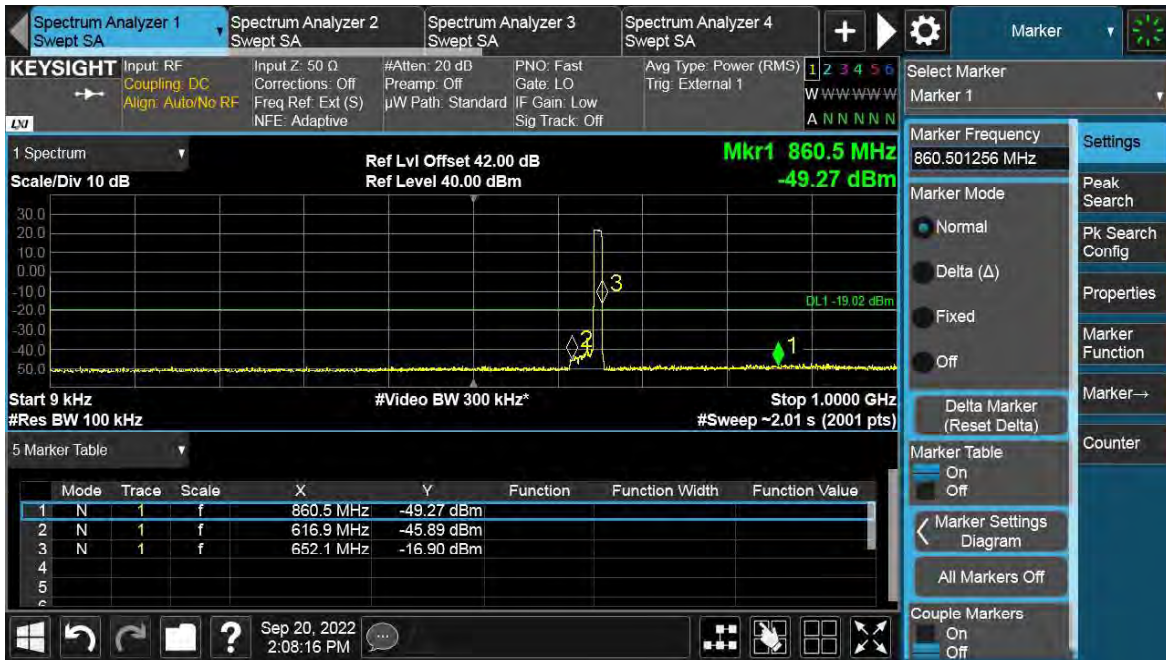


Total Quality. Assured.

TEST REPORT

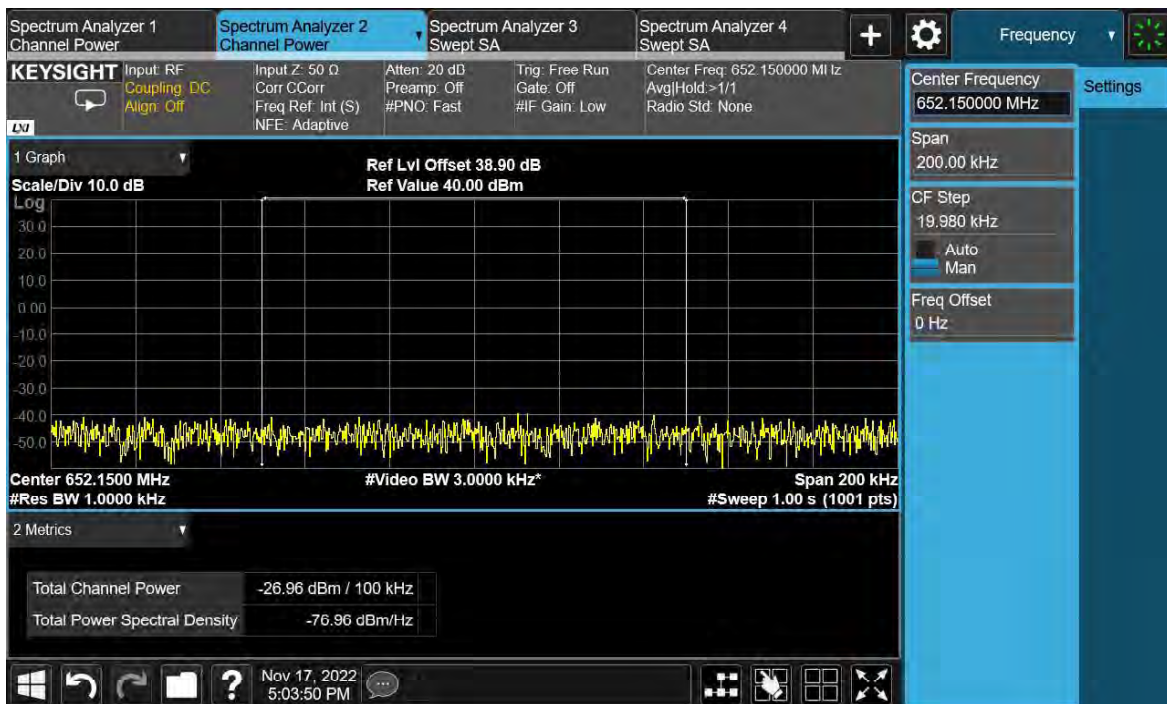
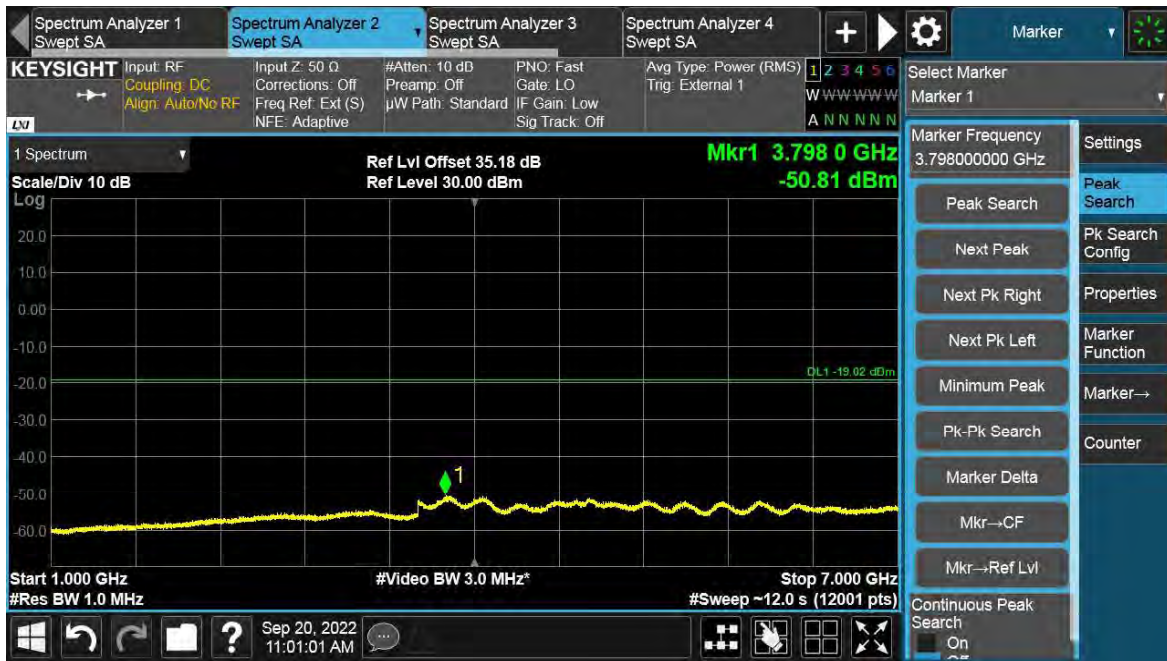


Channel Position T



Total Quality. Assured.

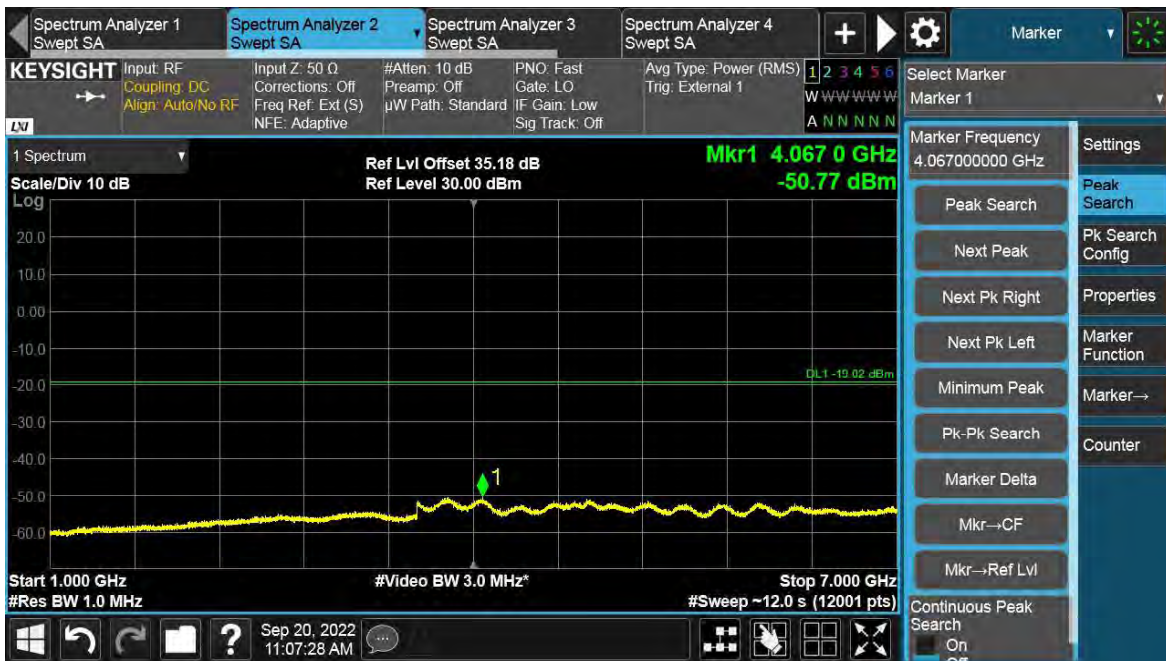
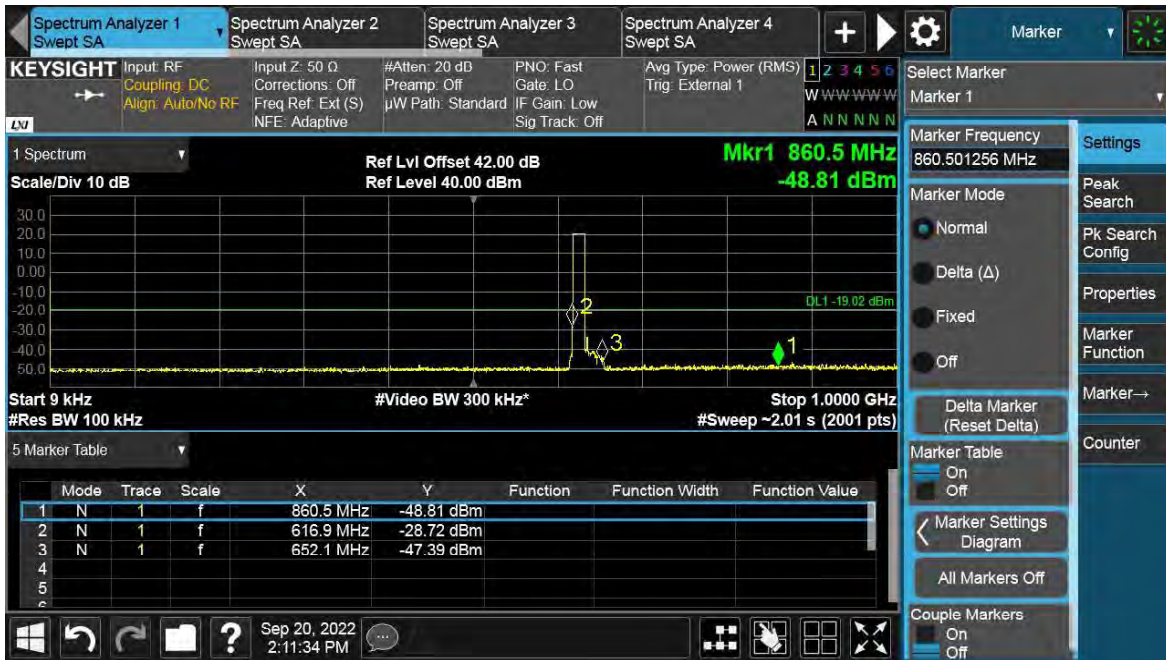
TEST REPORT



TEST REPORT

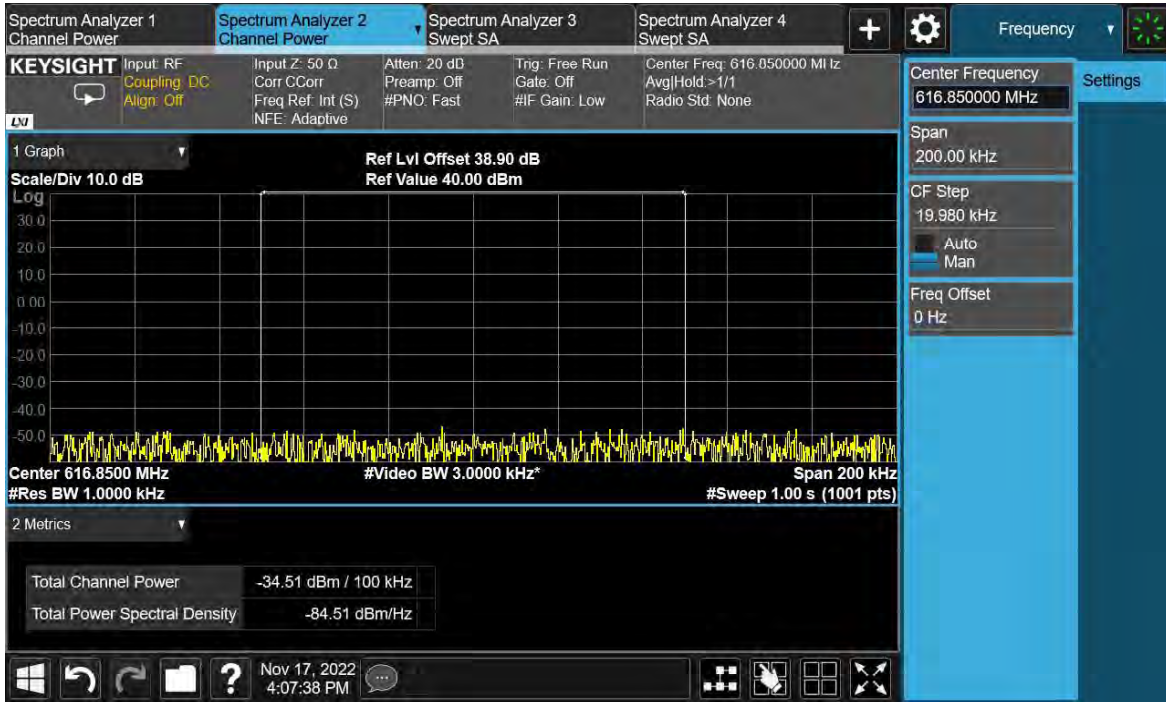
Antenna Port	Channel Position	LTE Modulation	LTE Channel Bandwidth (MHz)	Limit (dBm)
A	B	QPSK	15	-19.02
A	T	QPSK	15	-19.02

Channel Position B

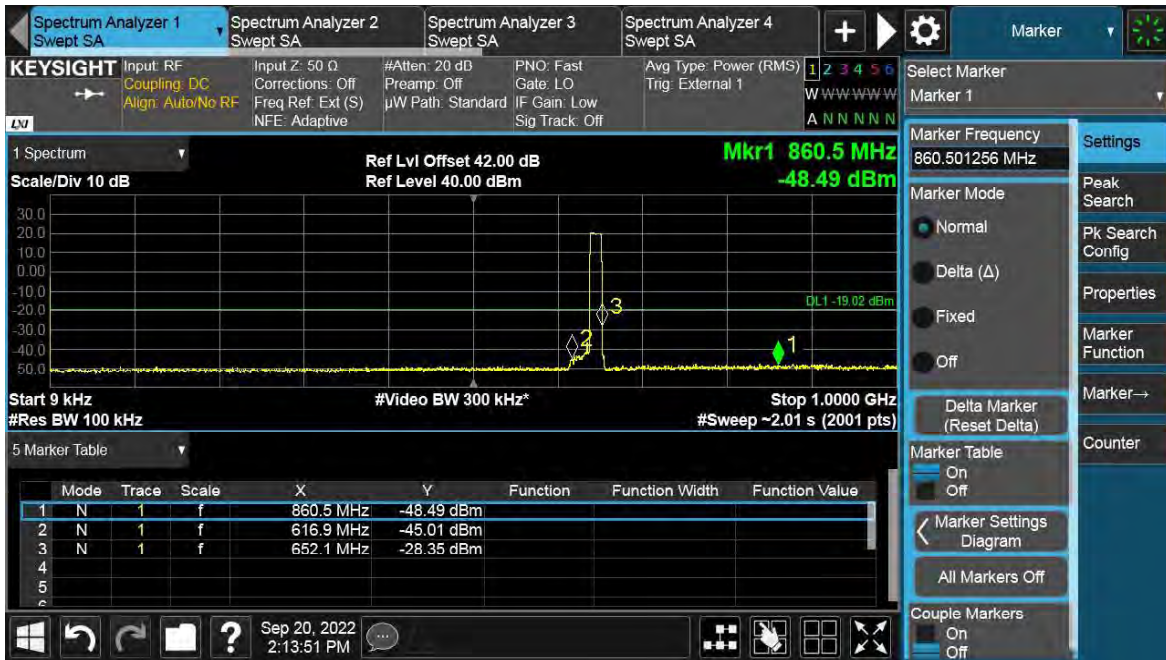


Total Quality. Assured.

TEST REPORT



Channel Position T



Total Quality. Assured.

TEST REPORT

