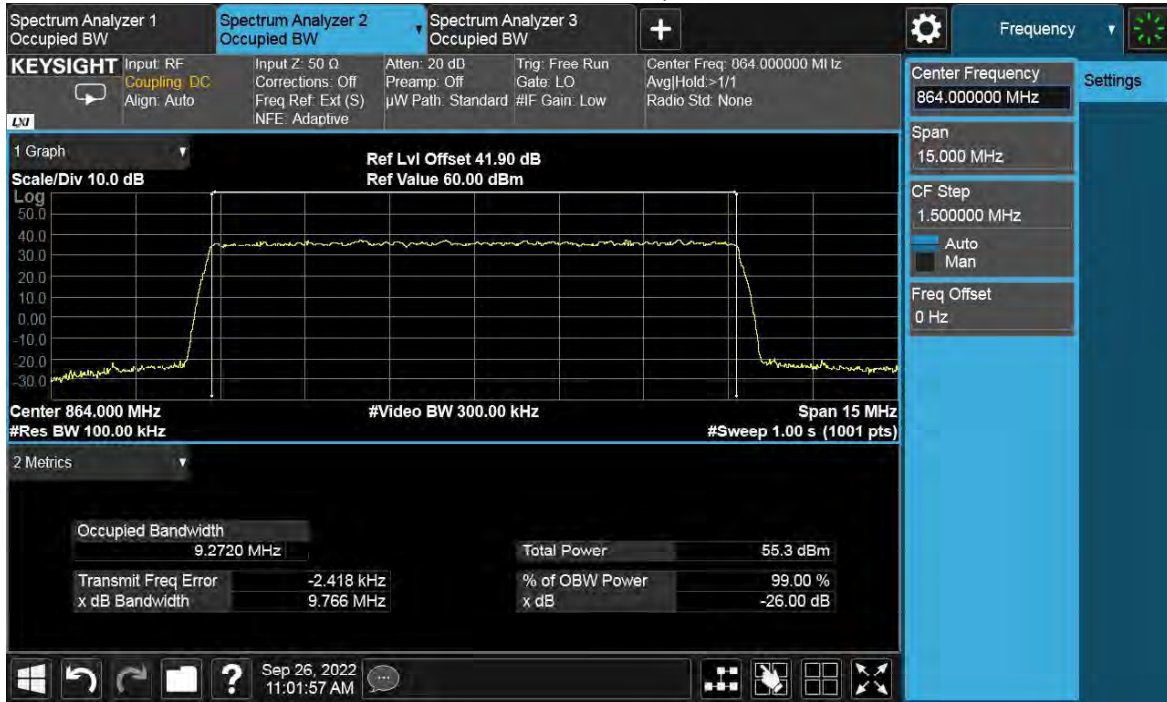


QPSK, 10MHz, Channel position M



LTE-1C

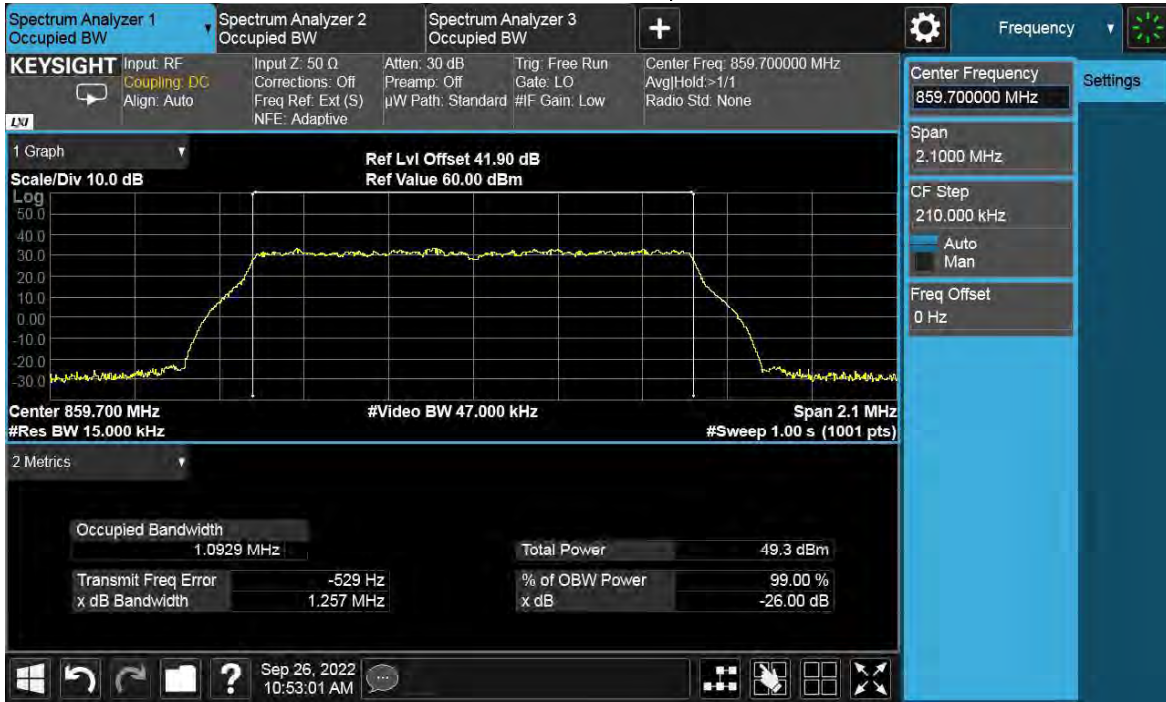
99% Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (MHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	1.4MHz	1.0929	1.0924	1.0929
D	QPSK	3MHz	2.6944	2.6960	2.6905
D	QPSK	5MHz	4.4817	4.4816	4.4803
D	QPSK	10MHz	-	8.9562	-

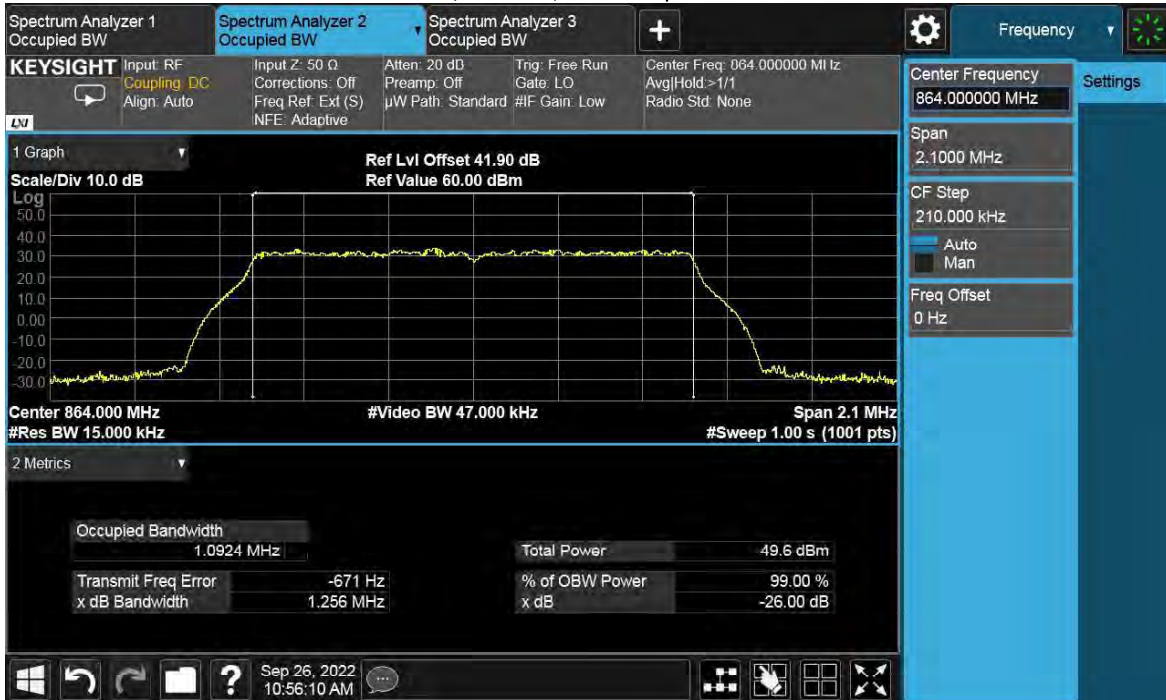
-26dBc Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (MHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	1.4MHz	1.257	1.256	1.252
D	QPSK	3MHz	2.890	2.894	2.894
D	QPSK	5MHz	4.803	4.810	4.811
D	QPSK	10MHz	-	9.648	-

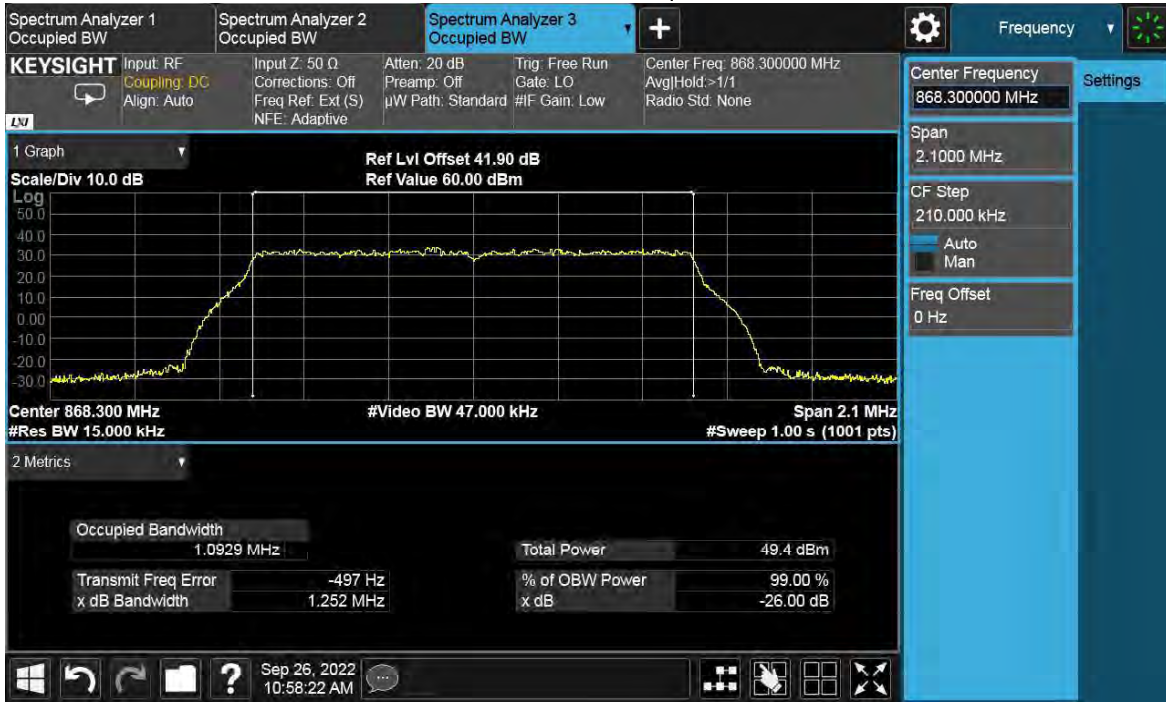
QPSK, 1.4MHz, Channel position B



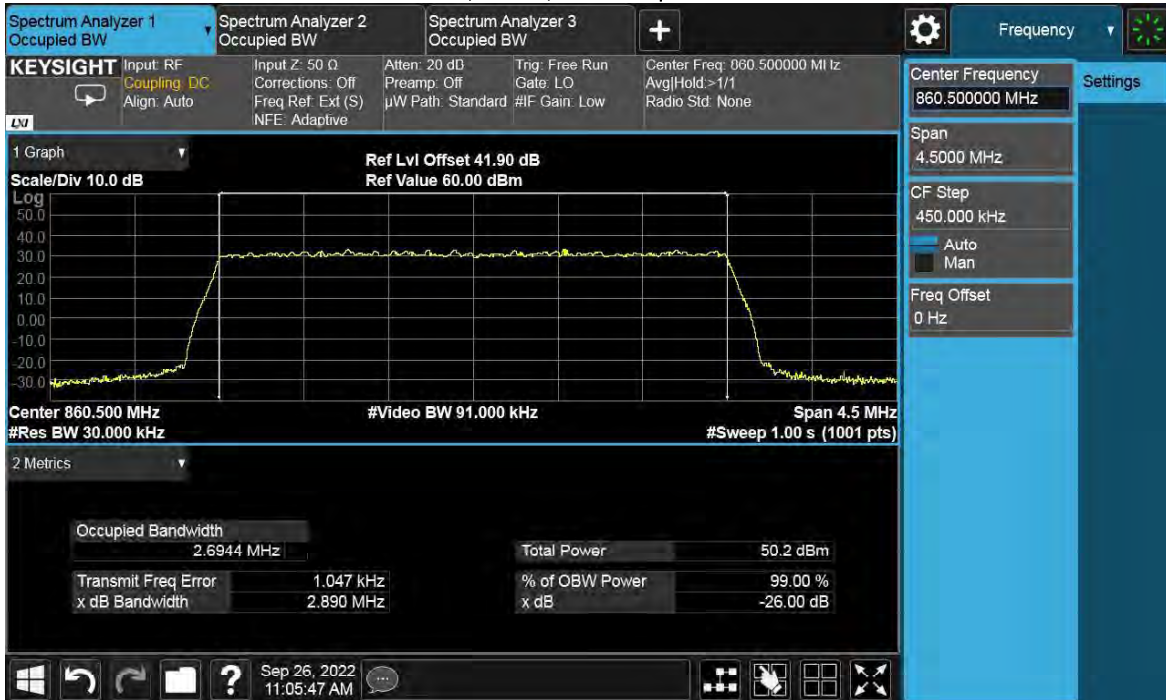
QPSK, 1.4MHz, Channel position M



QPSK, 1.4MHz, Channel position T



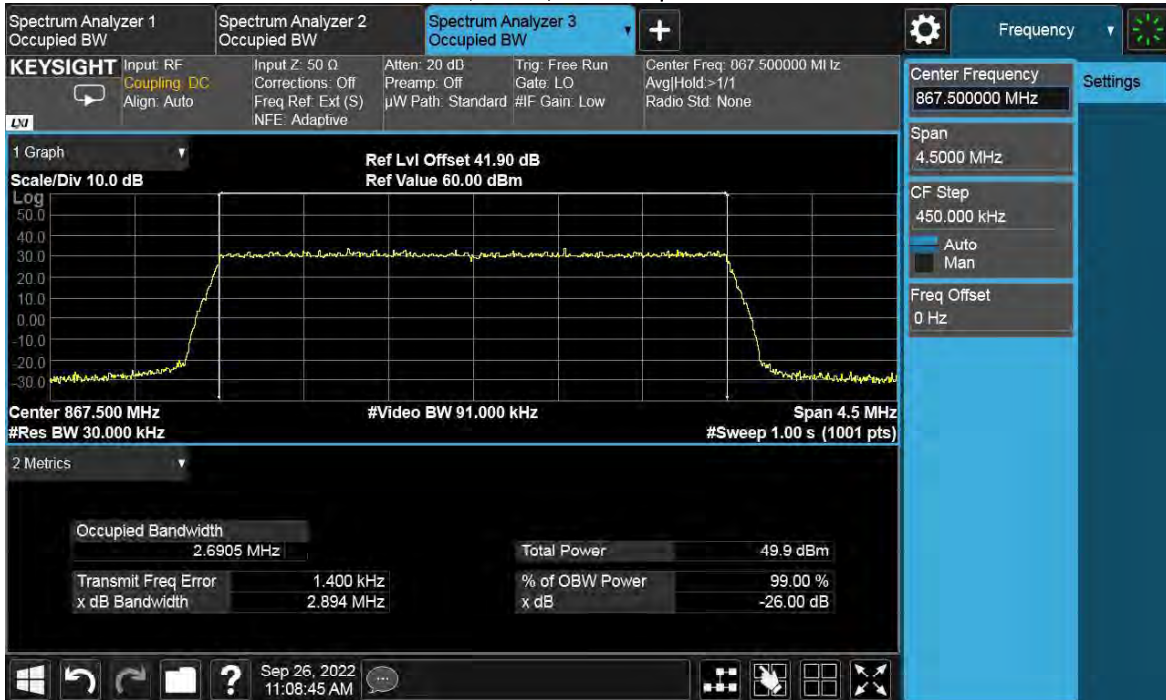
QPSK, 3MHz, Channel position B



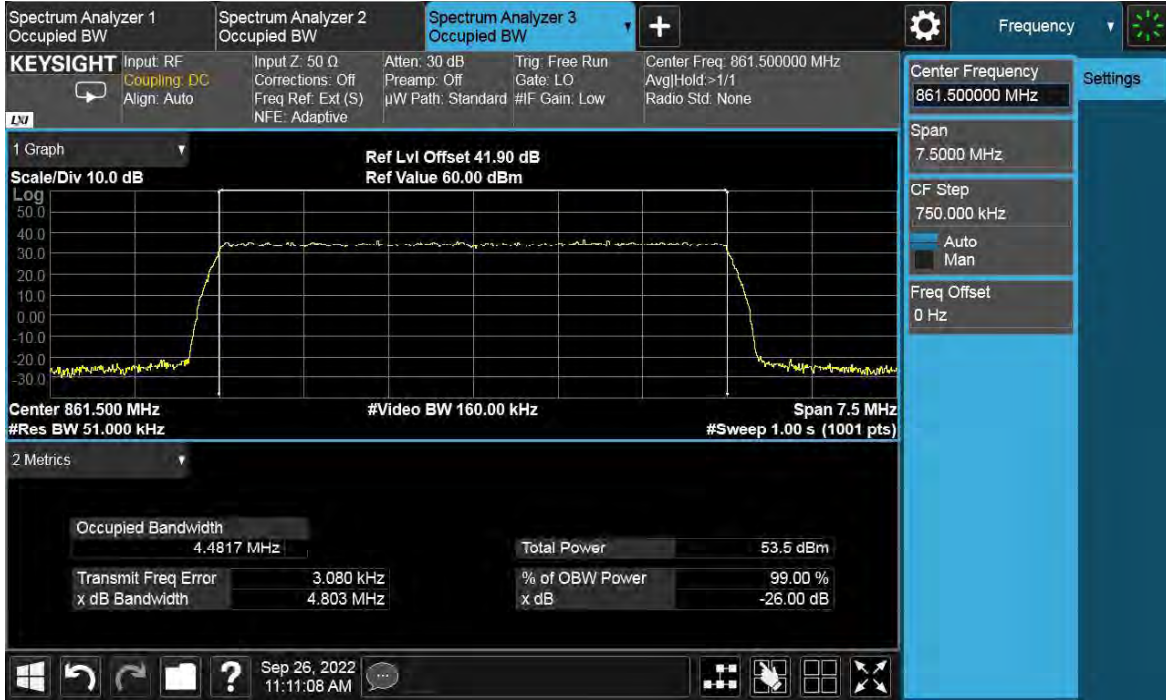
QPSK, 3MHz, Channel position M



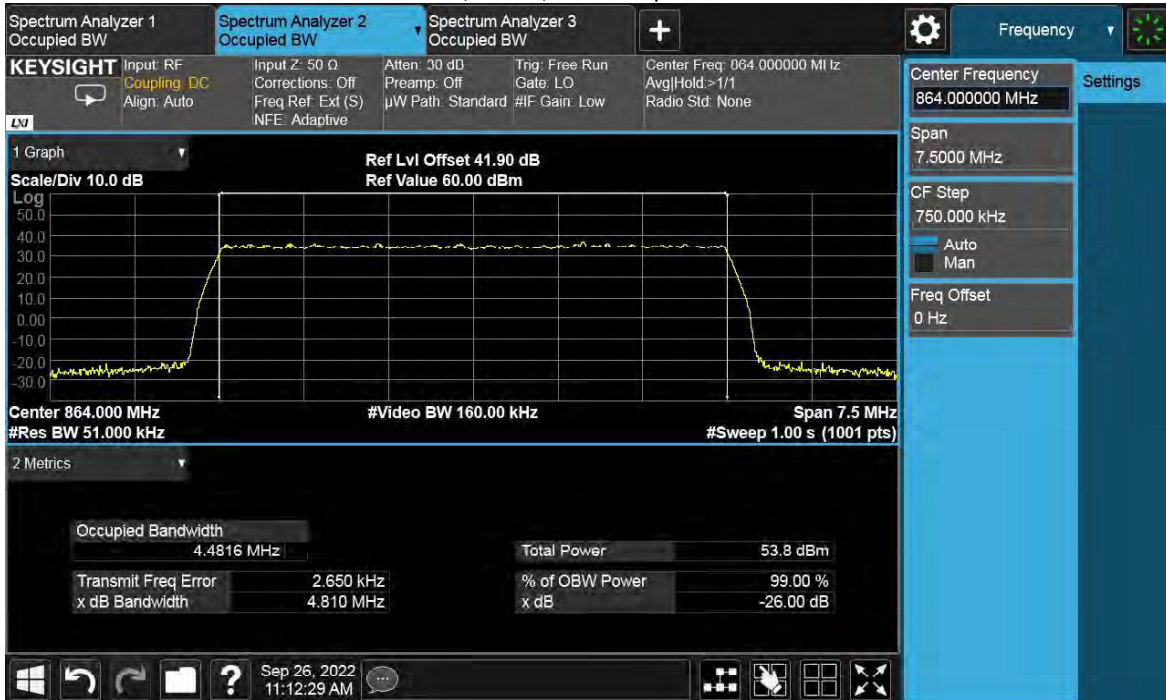
QPSK, 3MHz, Channel position T



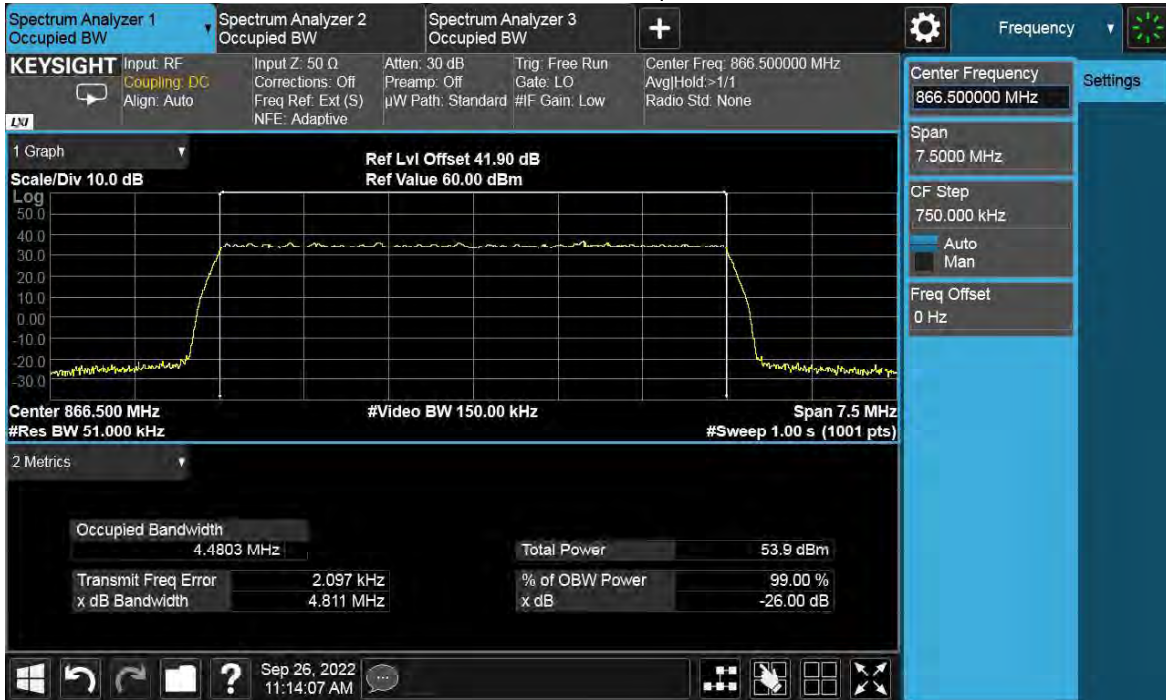
QPSK, 5MHz, Channel position B



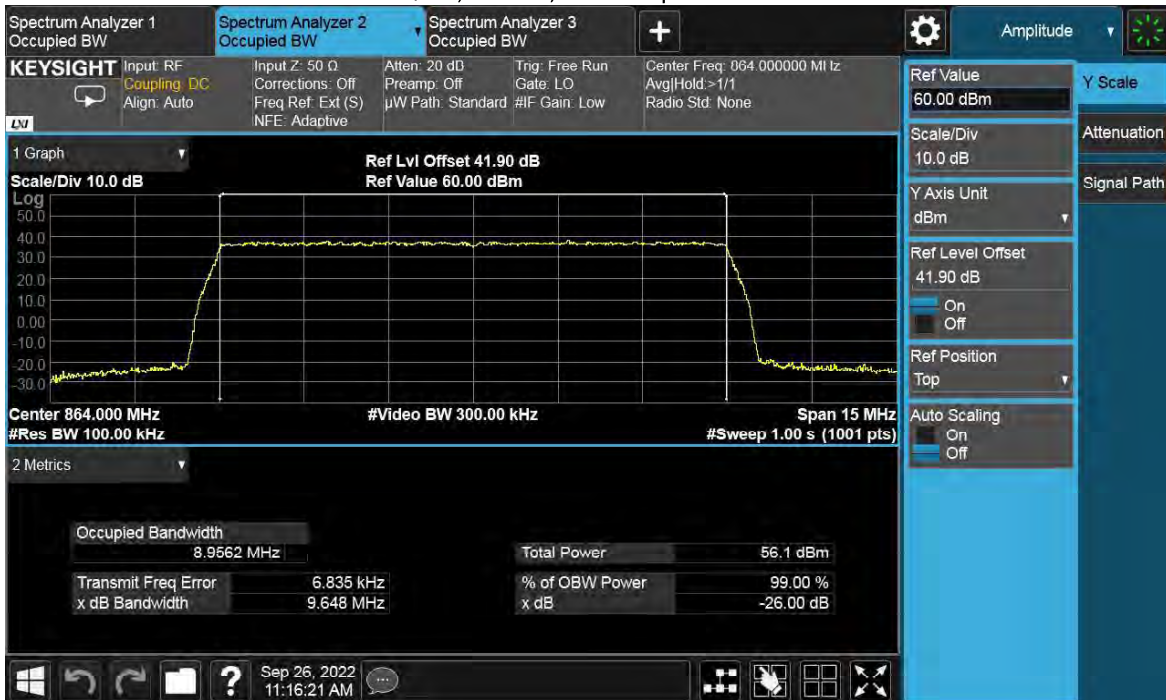
QPSK, 5MHz, Channel position M



QPSK, 5MHz, Channel position T



QPSK, 10MHz, Channel position M



TEST REPORT

GB-1C

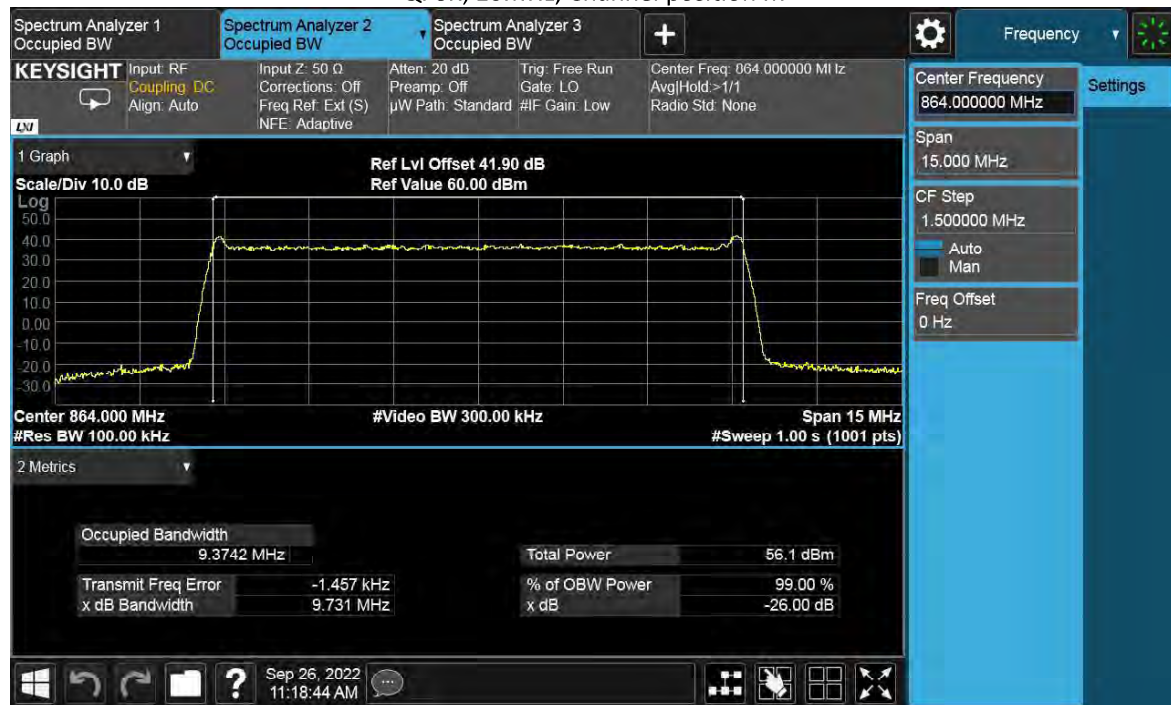
99% Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (MHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	10MHz	-	9.3742	-

-26dBc Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (MHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	10MHz	-	9.731	-

QPSK, 10MHz, Channel position M



TEST REPORT

IB-1C

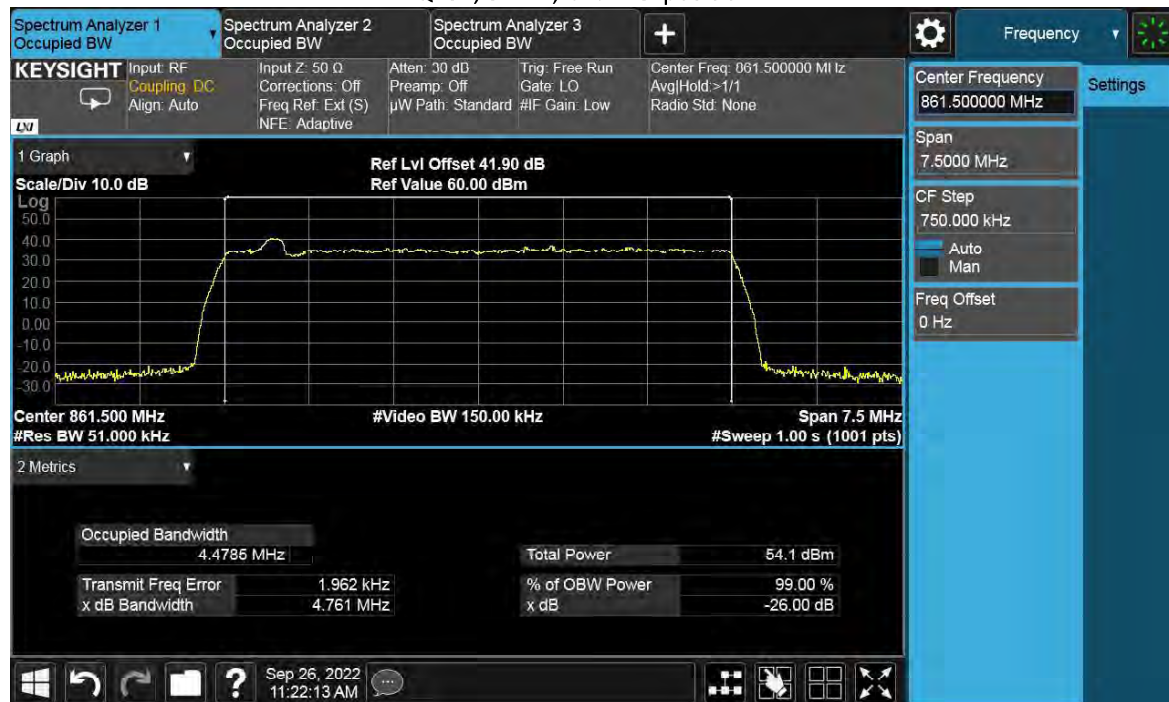
99% Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (MHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	5MHz	4.4785	4.4801	4.4773
D	QPSK	10MHz	-	8.9353	-

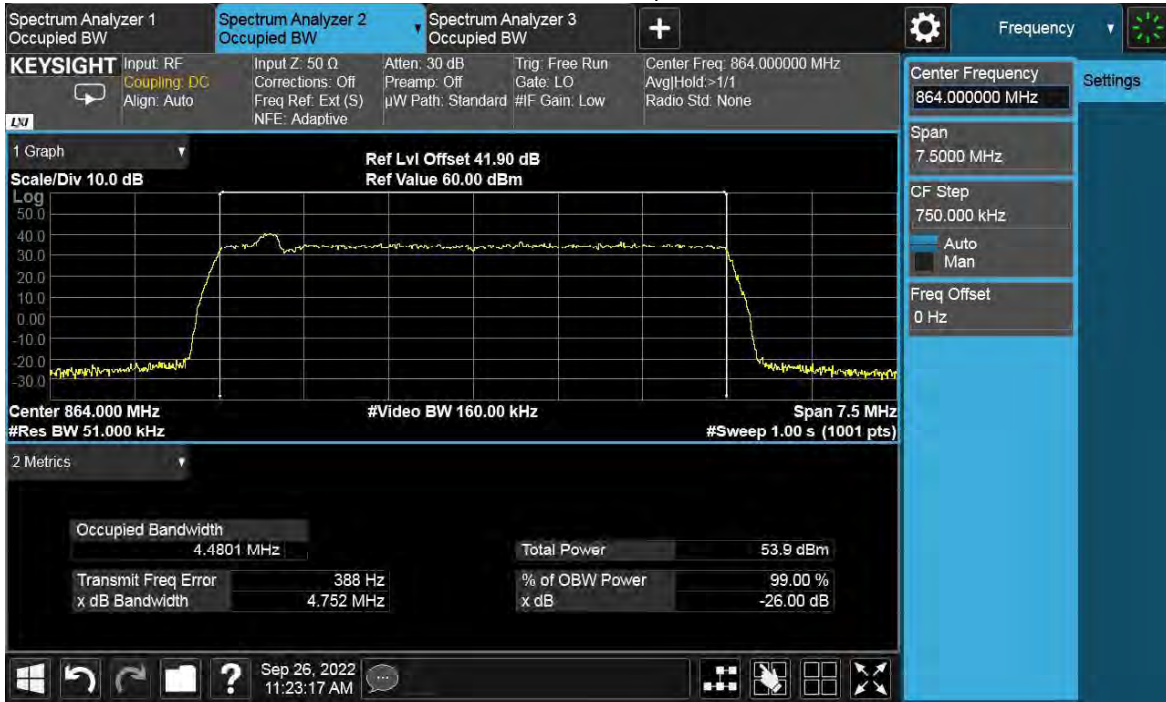
-26dBc Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (MHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	5MHz	4.761	4.752	4.759
D	QPSK	10MHz	-	9.516	-

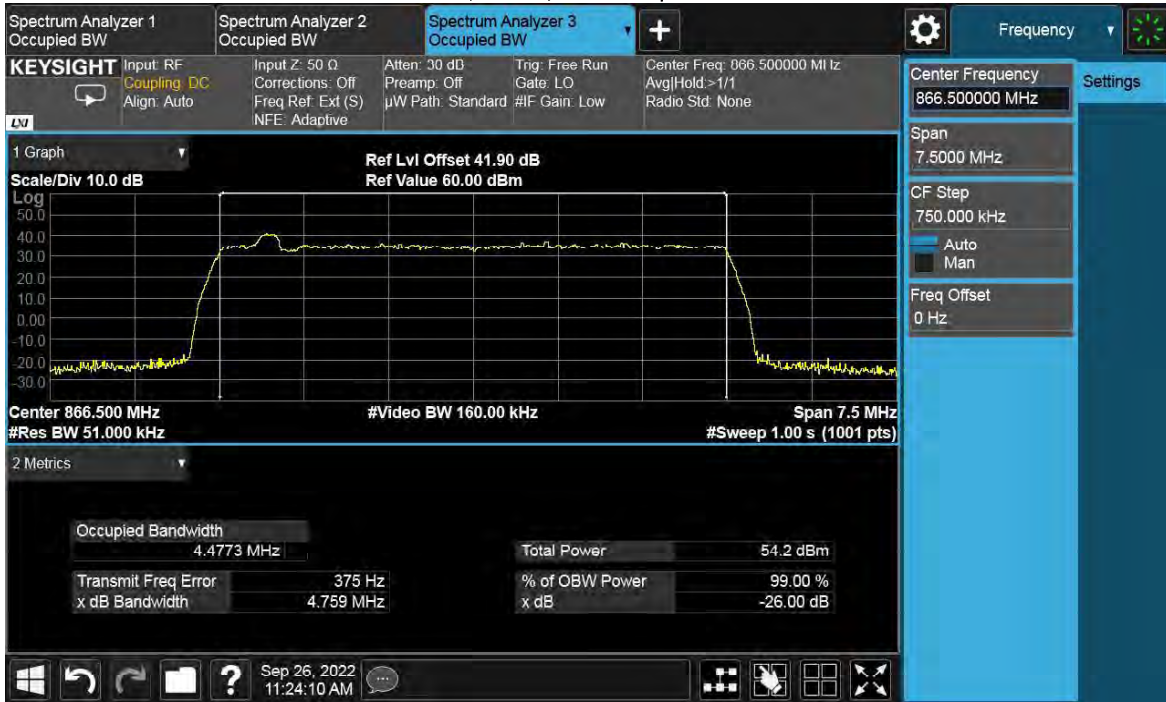
QPSK, 5MHz, Channel position B



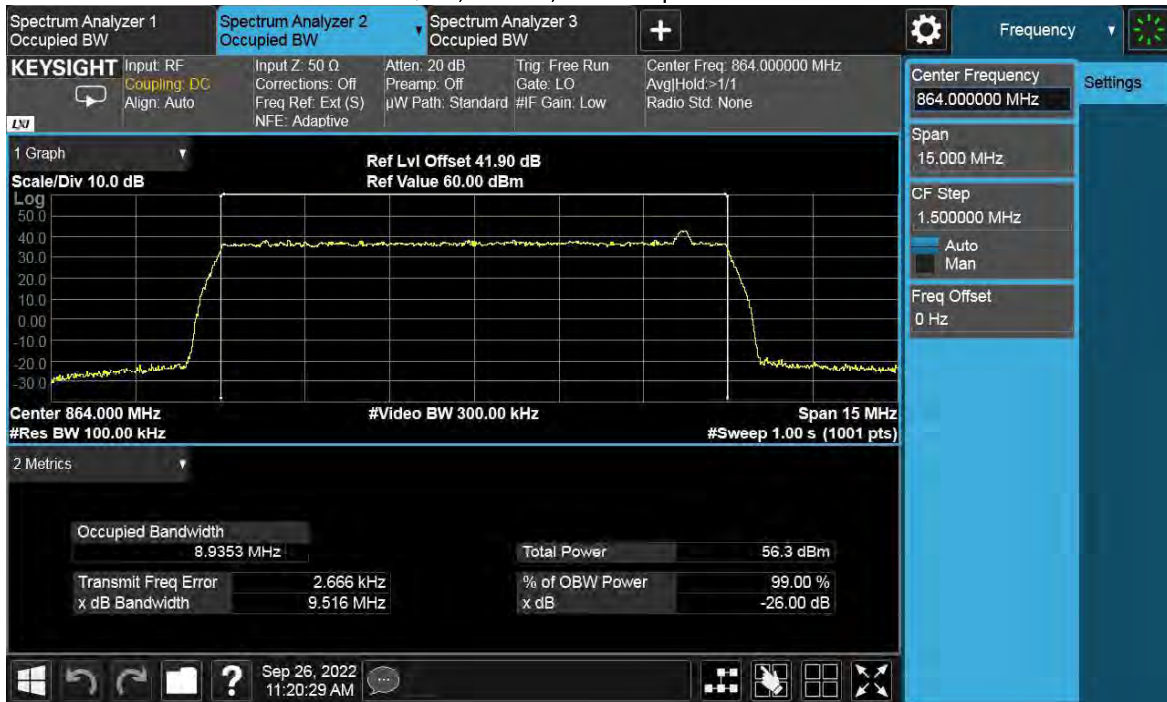
QPSK, 5MHz, Channel position M



QPSK, 5MHz, Channel position T



QPSK, 10MHz, Channel position M



SA-1C

99% Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (kHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	0.2MHz	195.19	197.02	195.26

-26dBc Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (kHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	0.2MHz	272.5	272.6	272.5

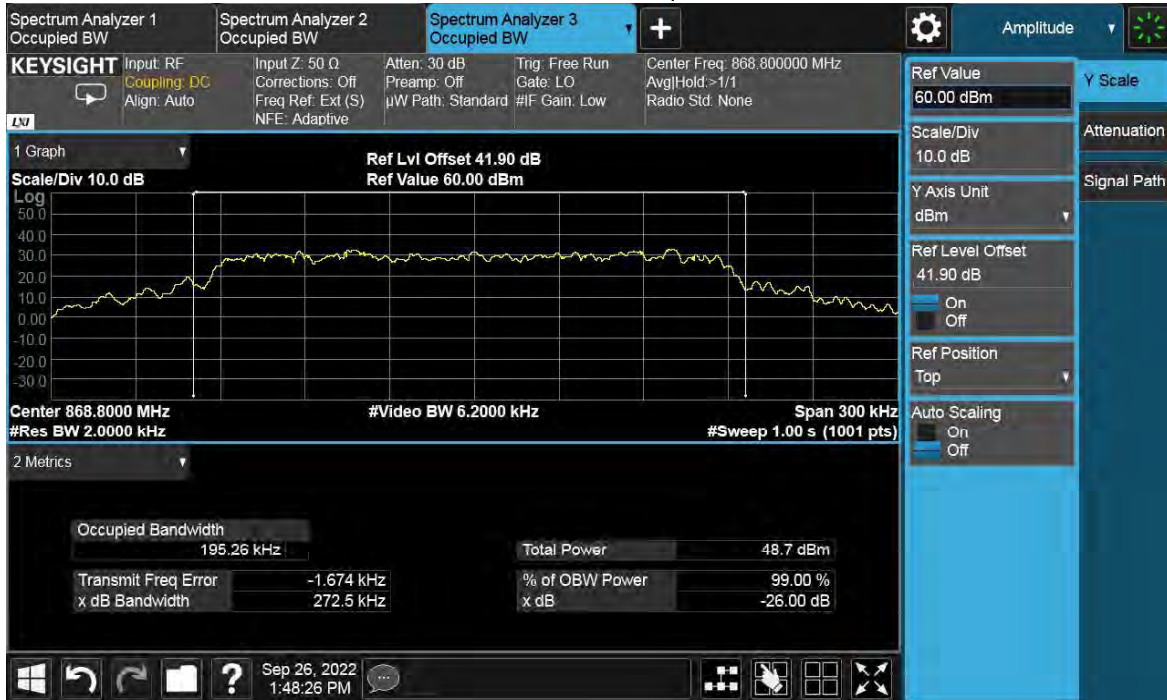
QPSK, 0.2MHz, Channel position B



QPSK, 0.2MHz, Channel position M



QPSK, 0.2MHz, Channel position T



NR ESS IB-1C

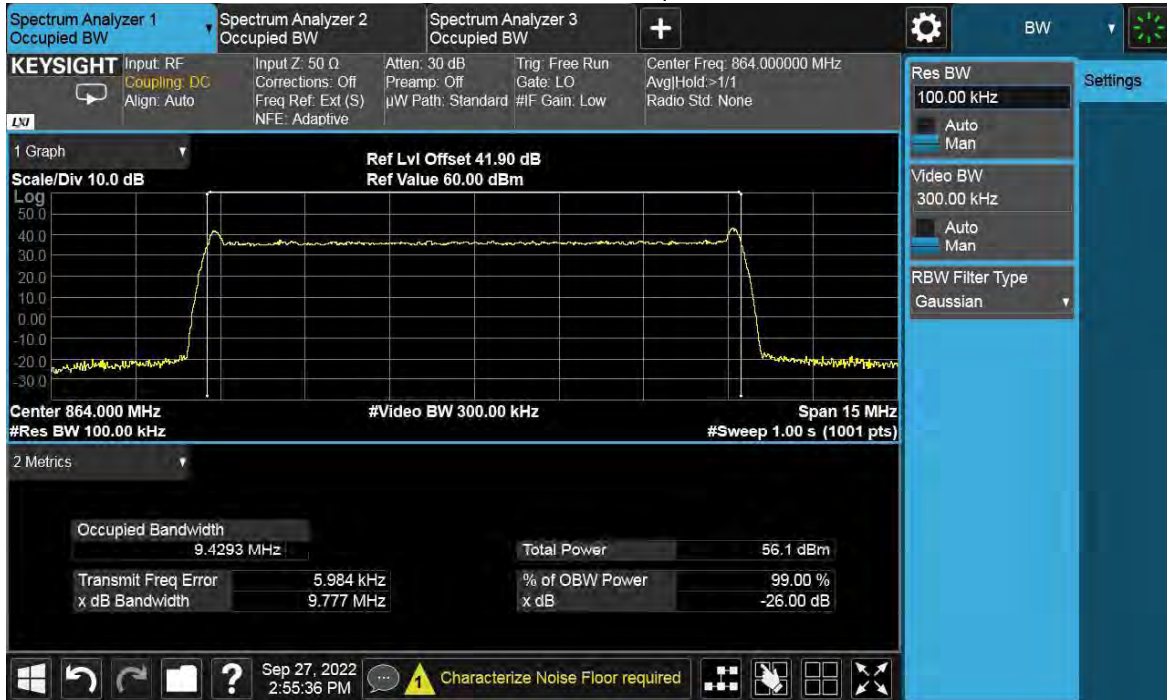
99% Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (MHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	10MHz	-	9.4293	-

-26dBc Occupied Bandwidth

Antenna Port	Modulation	Bandwidth	Occupied Bandwidth (MHz)		
			Channel Position B	Channel Position M	Channel Position T
D	QPSK	10MHz	-	9.777	-

QPSK, 10MHz, Channel position M



TEST REPORT**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 $43 + 10\log(P)$ 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 $43 + 10\log(P)$ dB.

For MIMO mode configurations, the limit was adjusted with a correction of -6.02dB [$10\log(1/4)$] 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 .

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.

TEST REPORT

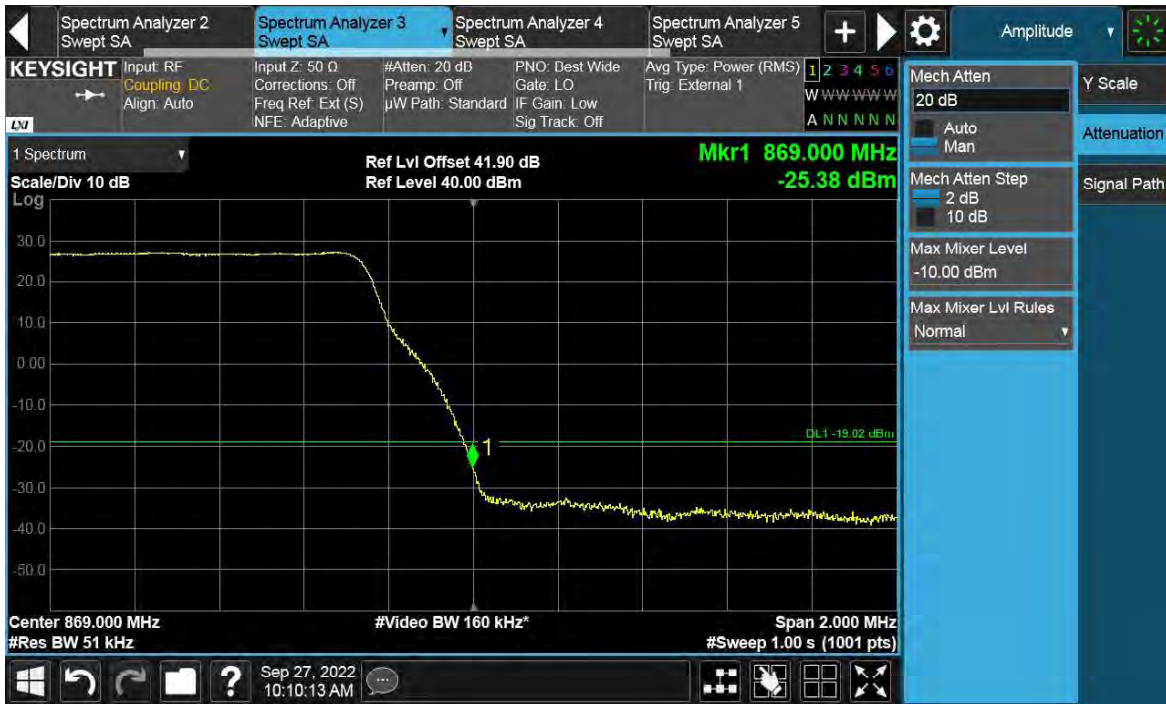
5.3 Measurement result

NR-1C-UE

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	5	51	-19.02
D	T	QPSK	5	51	-19.02



Channel Position T



Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	M	QPSK	10	100	-19.02

Channel Position M



Total Quality. Assured.

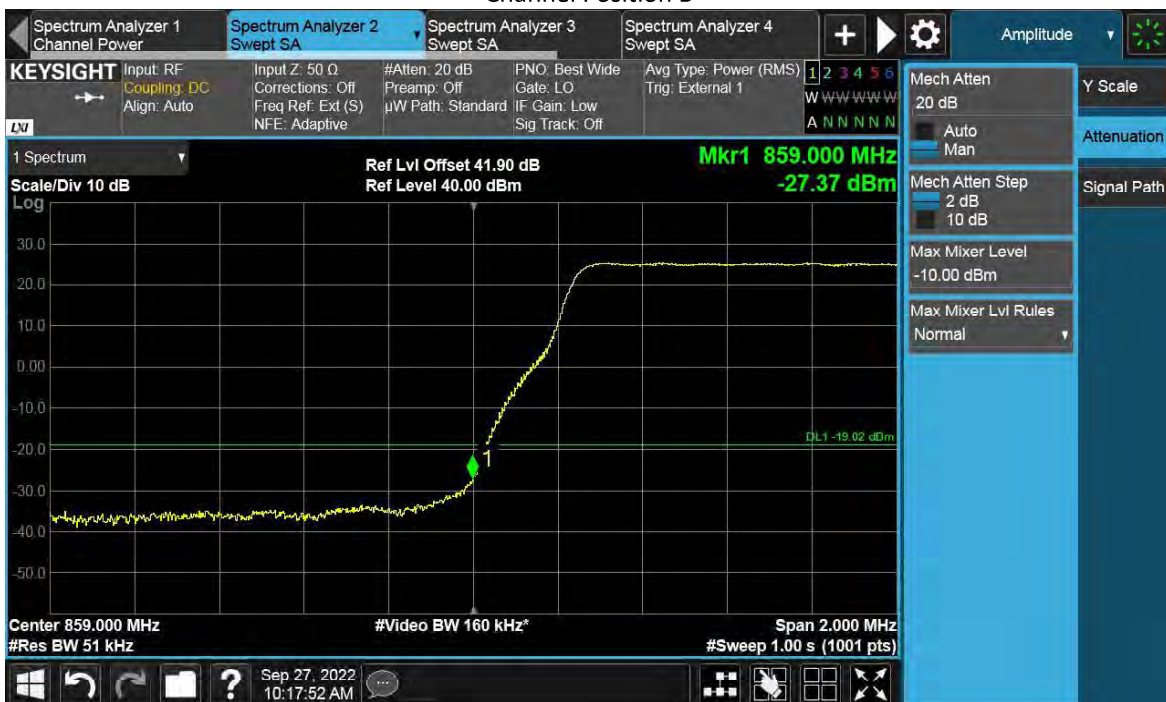
TEST REPORT



NR-2C-UE

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	5	51	-19.02
D	T	QPSK	5	51	-19.02

Channel Position B



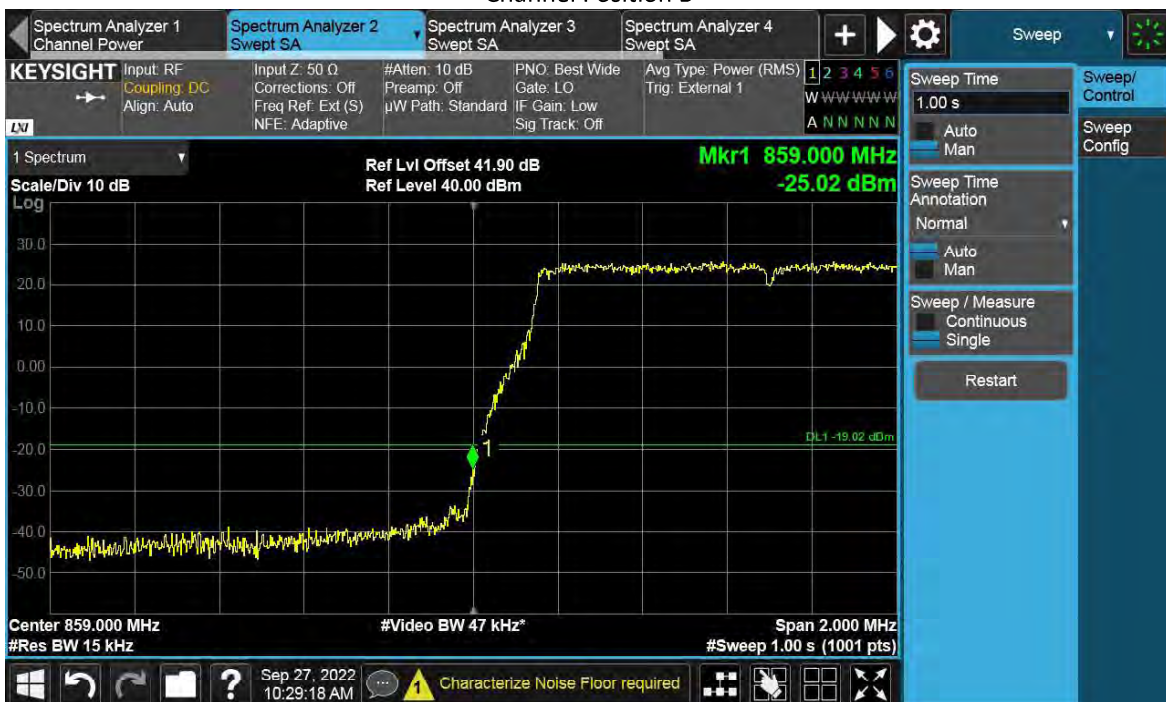
Channel Position T



LTE-1C-UE

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	1.4	15	-19.02
D	T	QPSK	1.4	15	-19.02

Channel Position B



Channel Position T



Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	3	30	-19.02
D	T	QPSK	3	30	-19.02

Channel Position B



Channel Position T



Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	5	51	-19.02
D	T	QPSK	5	51	-19.02

Channel Position B



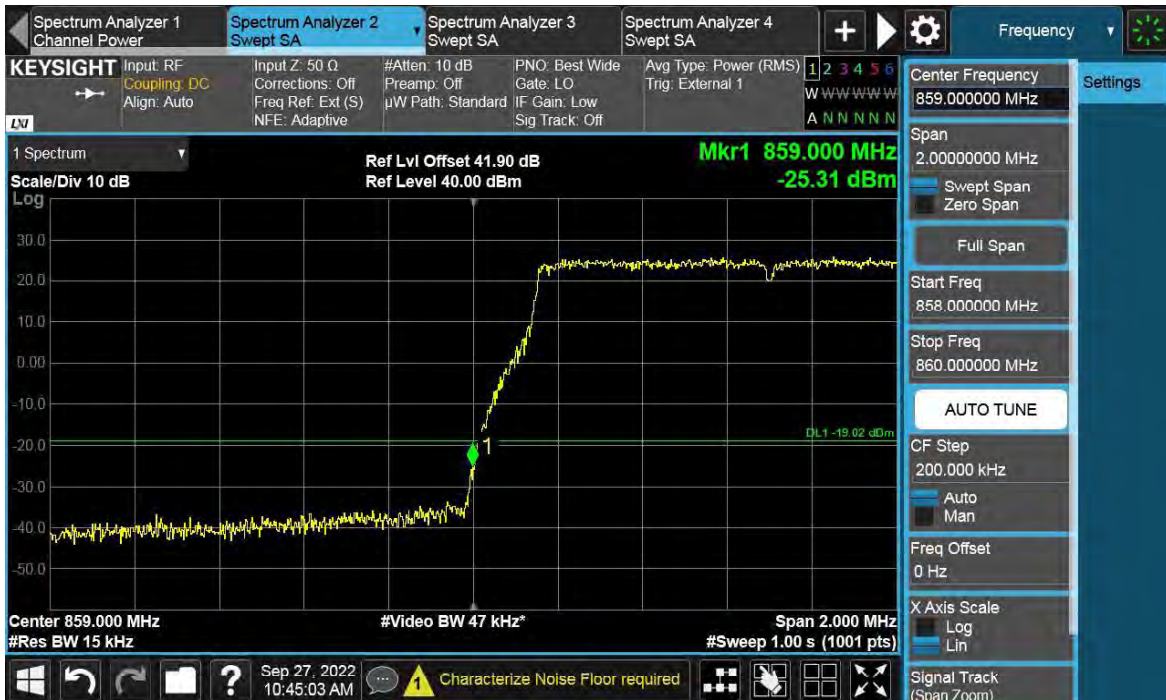
Channel Position T



LTE-2C-UE

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	1.4	15	-19.02
D	T	QPSK	1.4	15	-19.02

Channel Position B

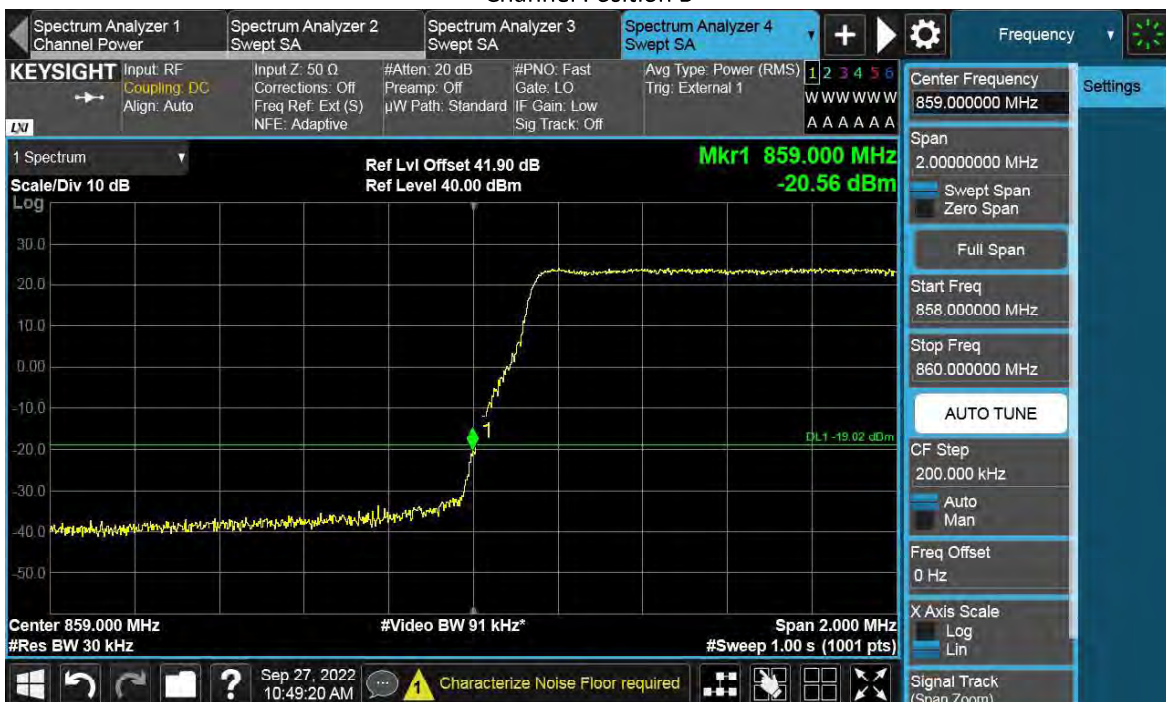


Channel Position T

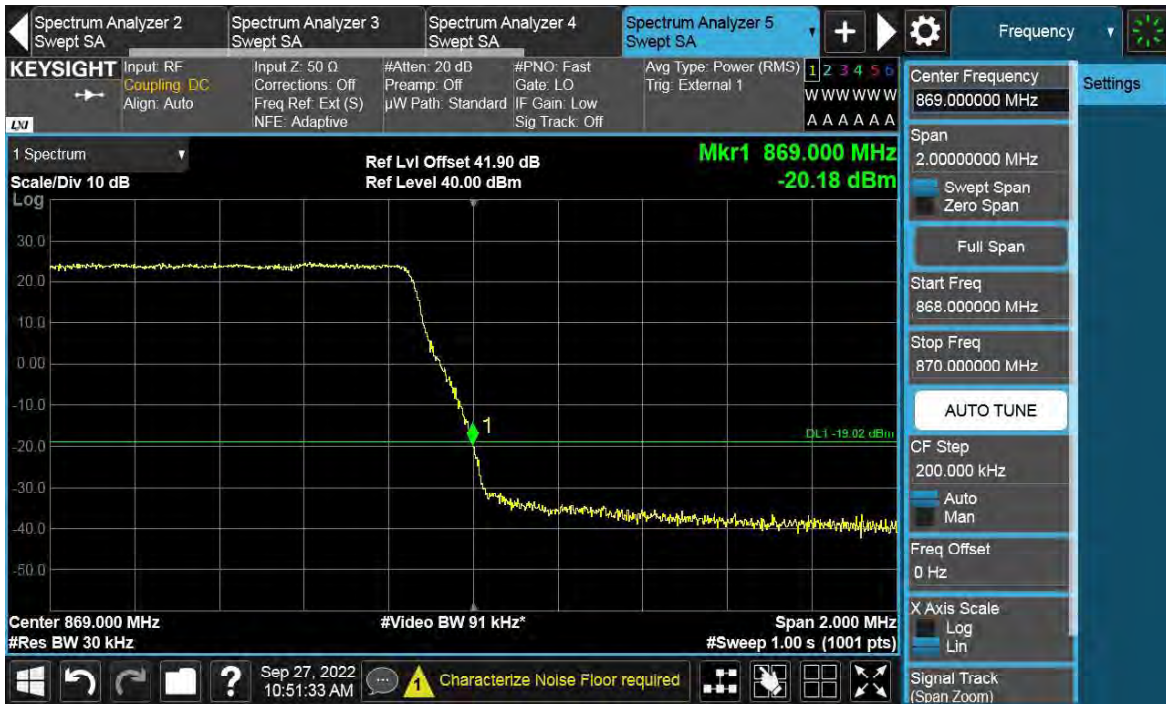


Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	3	30	-19.02
D	T	QPSK	3	30	-19.02

Channel Position B



Channel Position T



Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	5	51	-19.02
D	T	QPSK	5	51	-19.02

Channel Position B



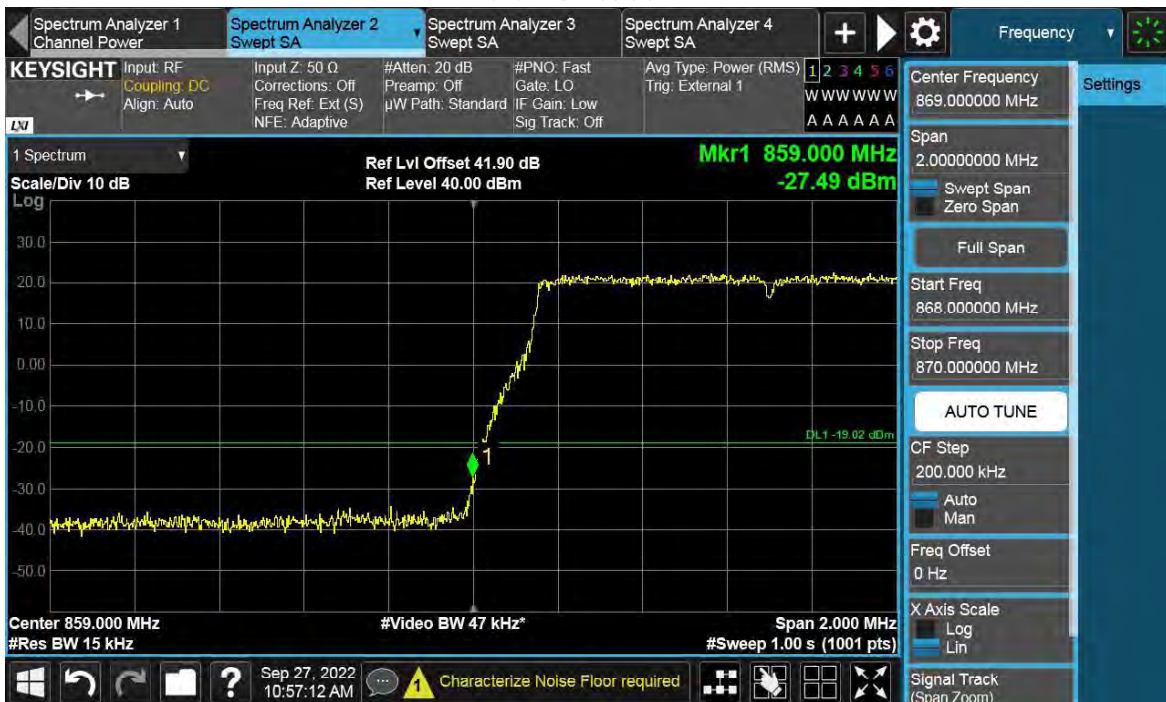
Channel Position T



LTE-6C-UE

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
D	B	QPSK	1.4	15	-19.02
D	T	QPSK	1.4	15	-19.02

Channel Position B



Channel Position T



GB-1C

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
M	B	QPSK	10	100	-19.02

Channel Position M

