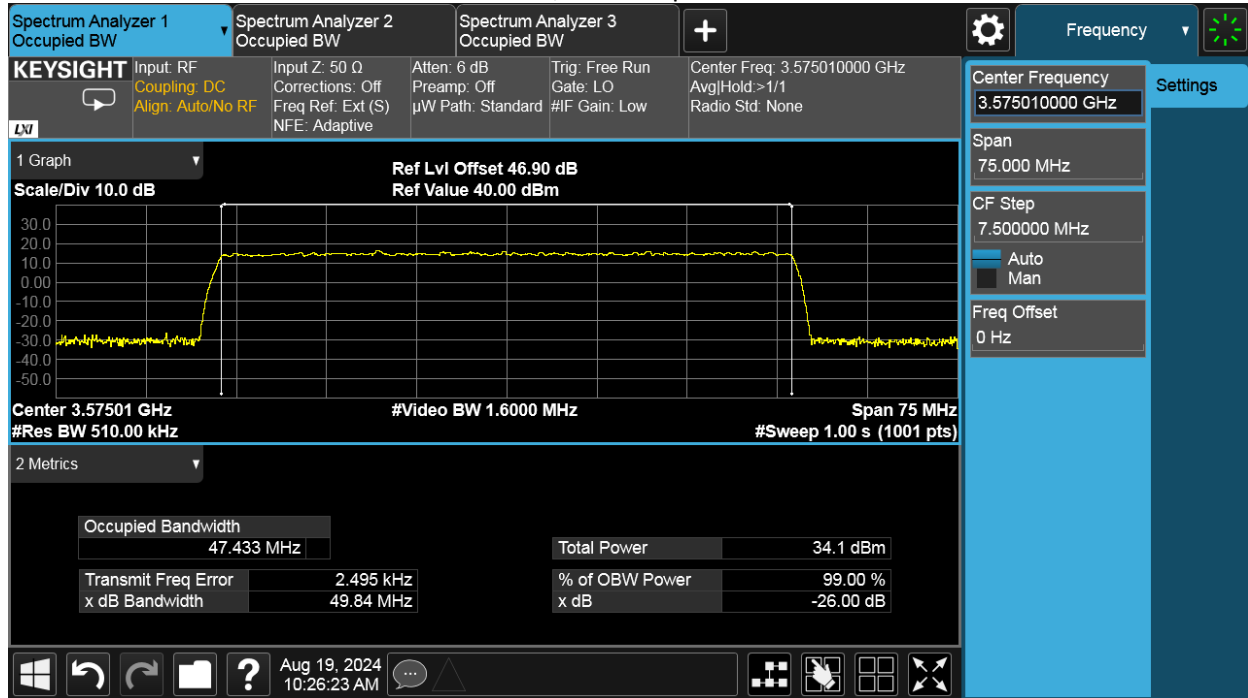
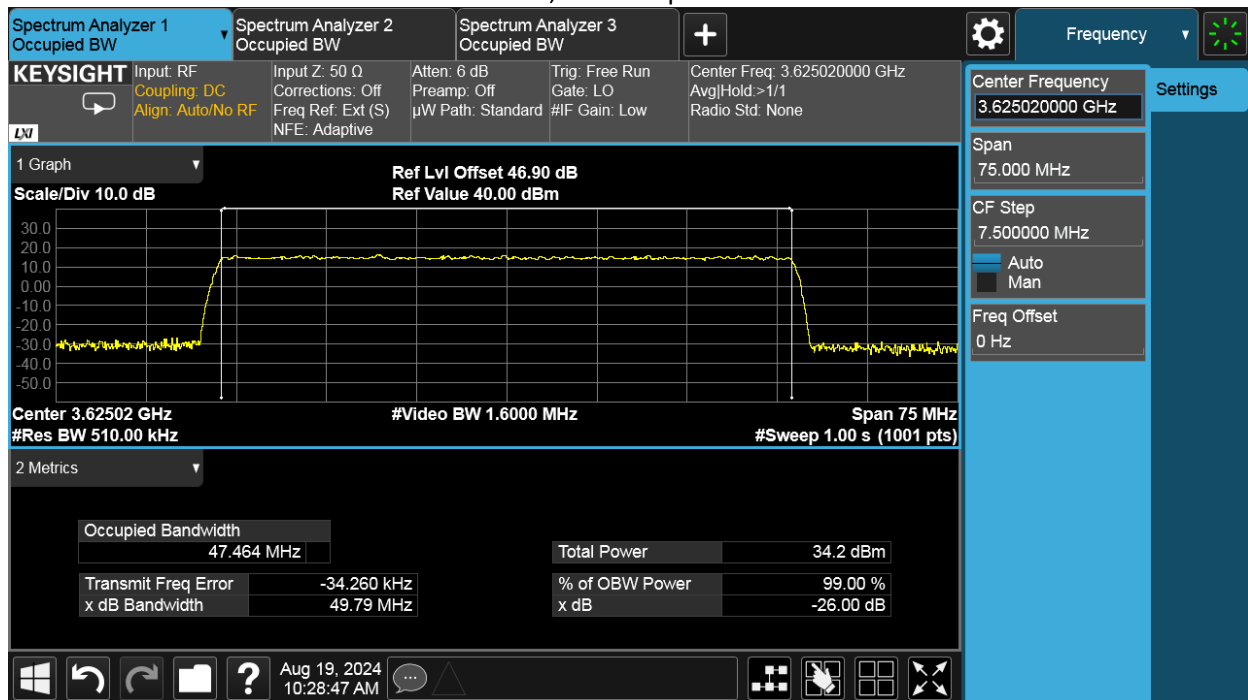


50MHz, Channel position B

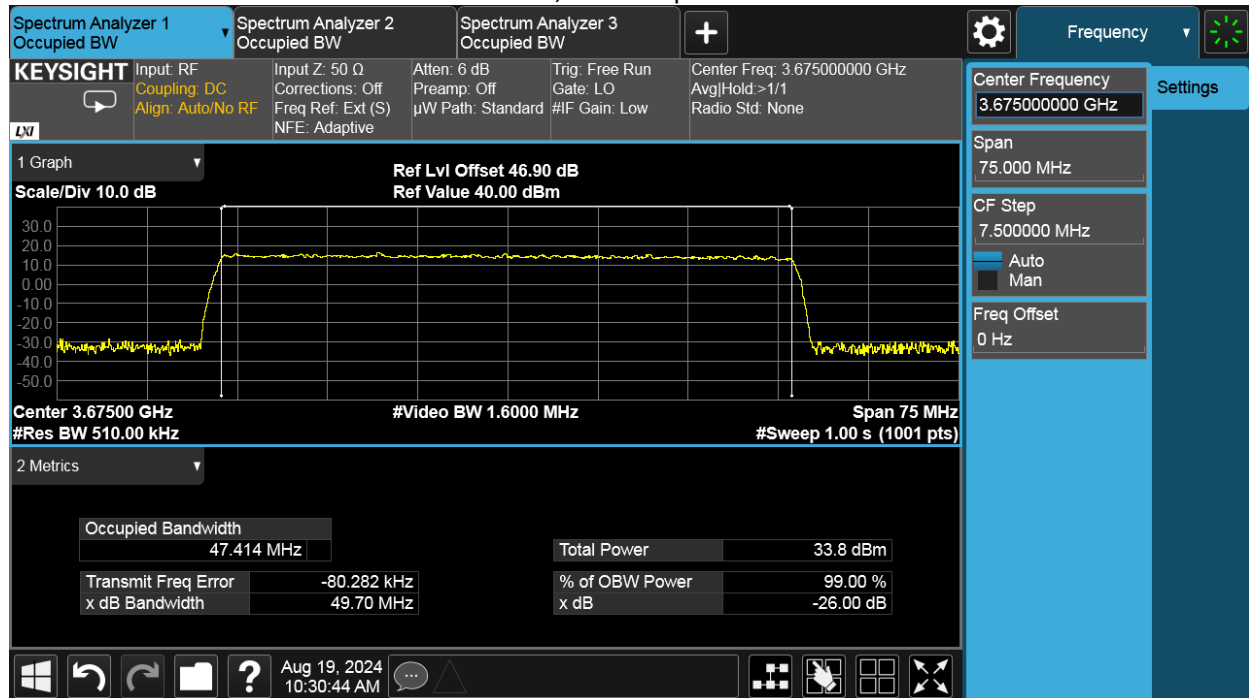


50MHz, Channel position M

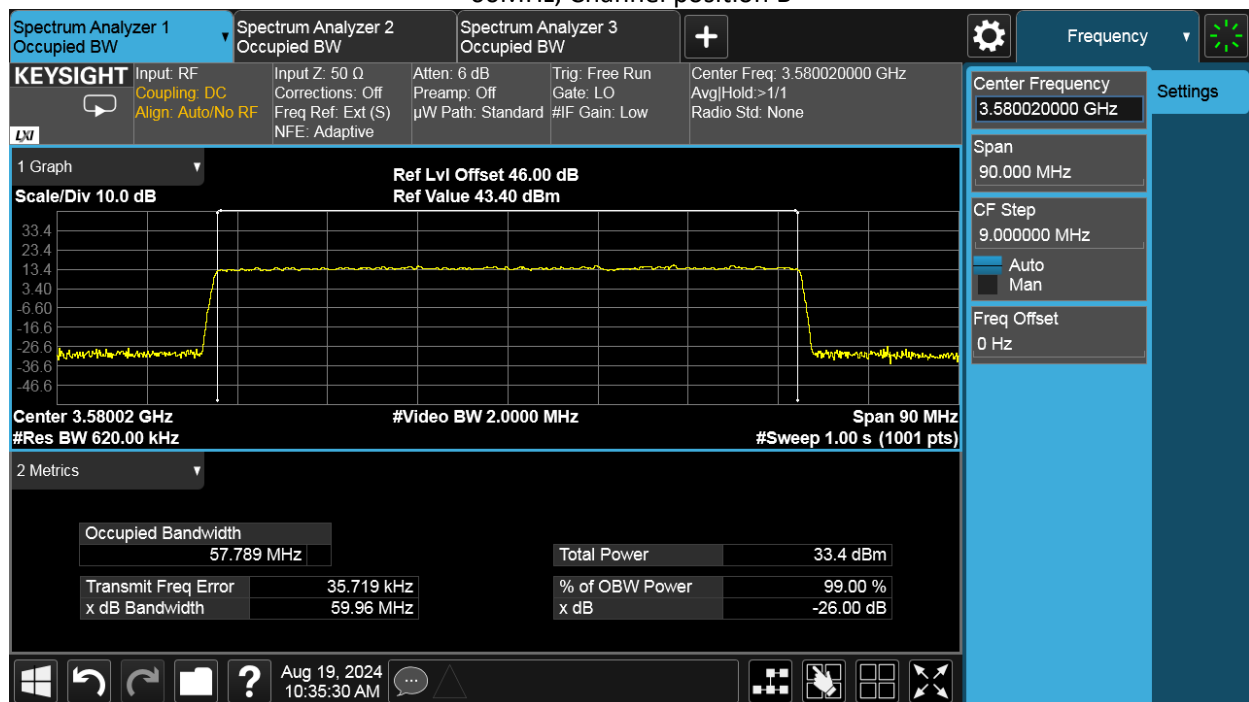


TEST REPORT

50MHz, Channel position T

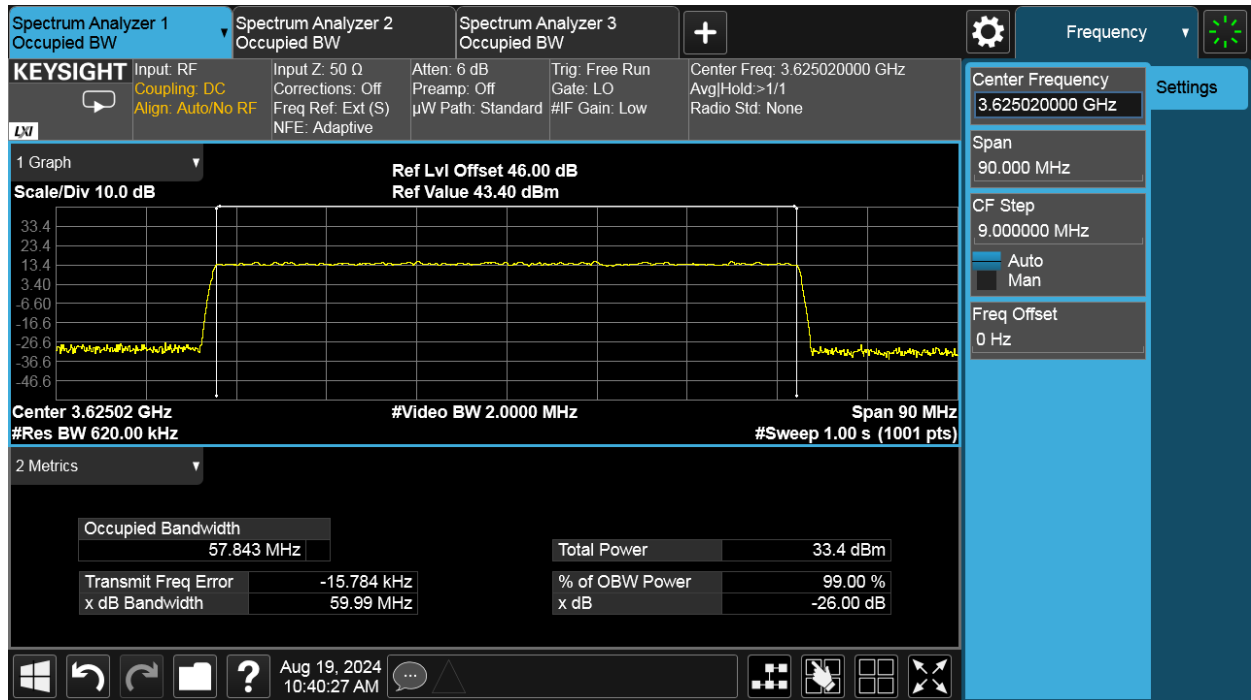


60MHz, Channel position B

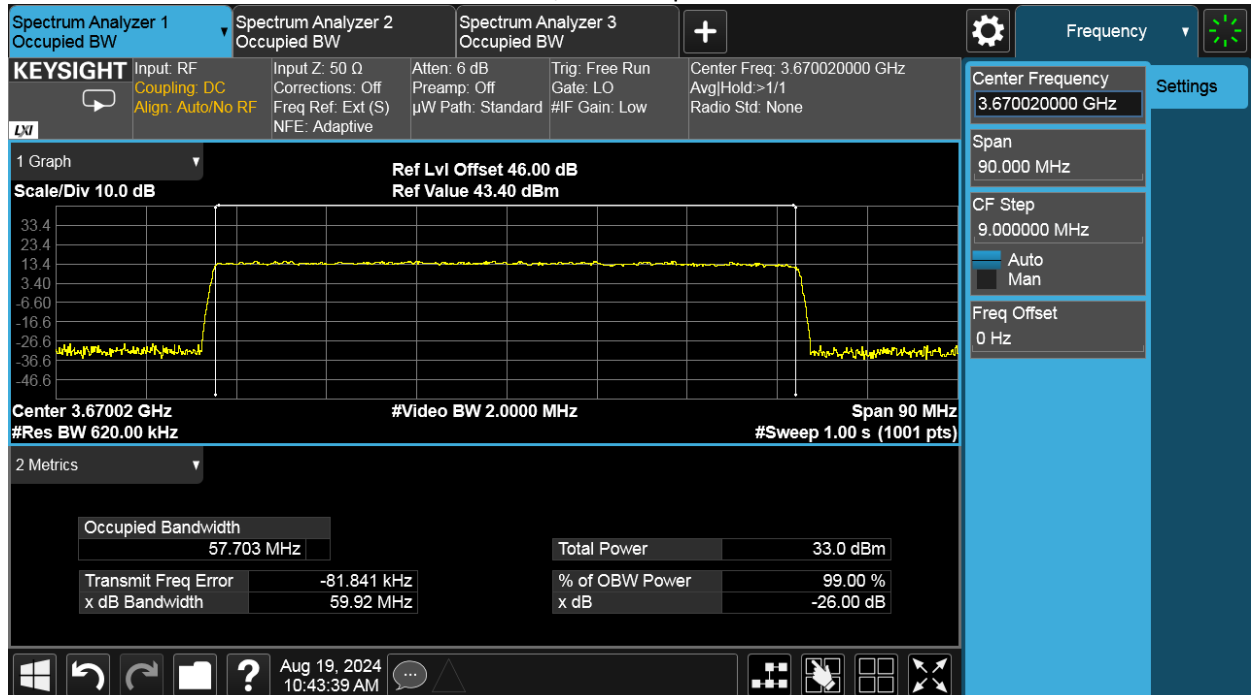


60MHz, Channel position M

TEST REPORT

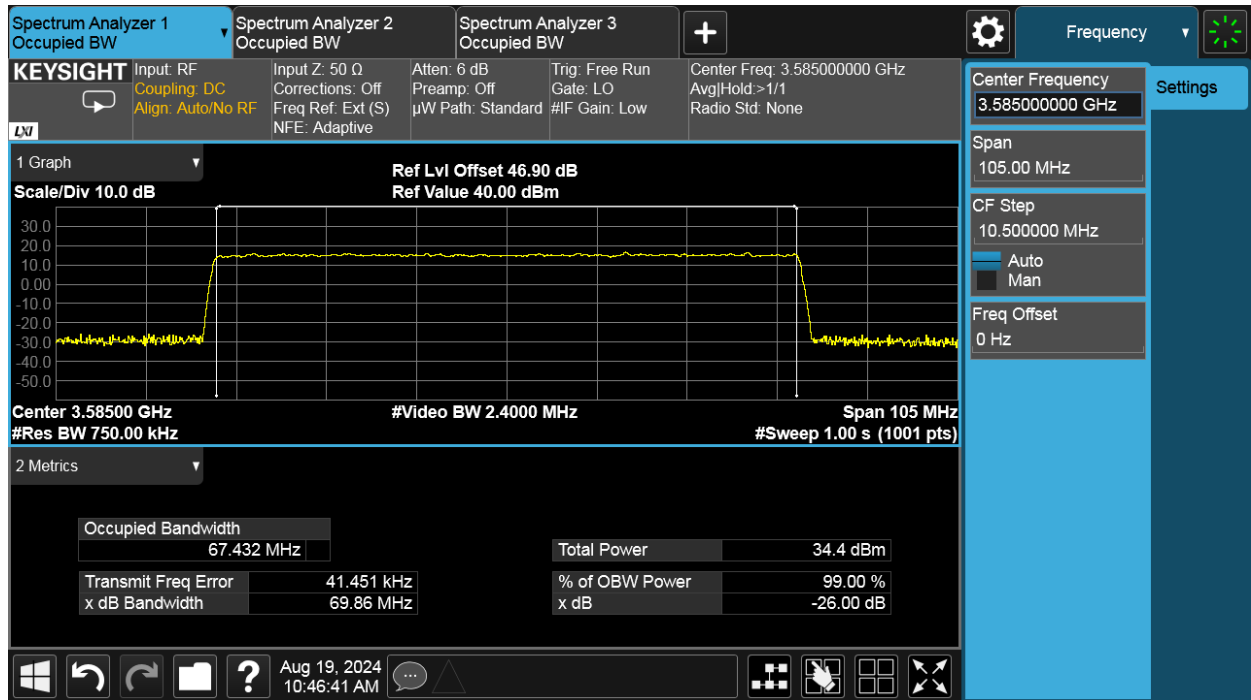


60MHz, Channel position T

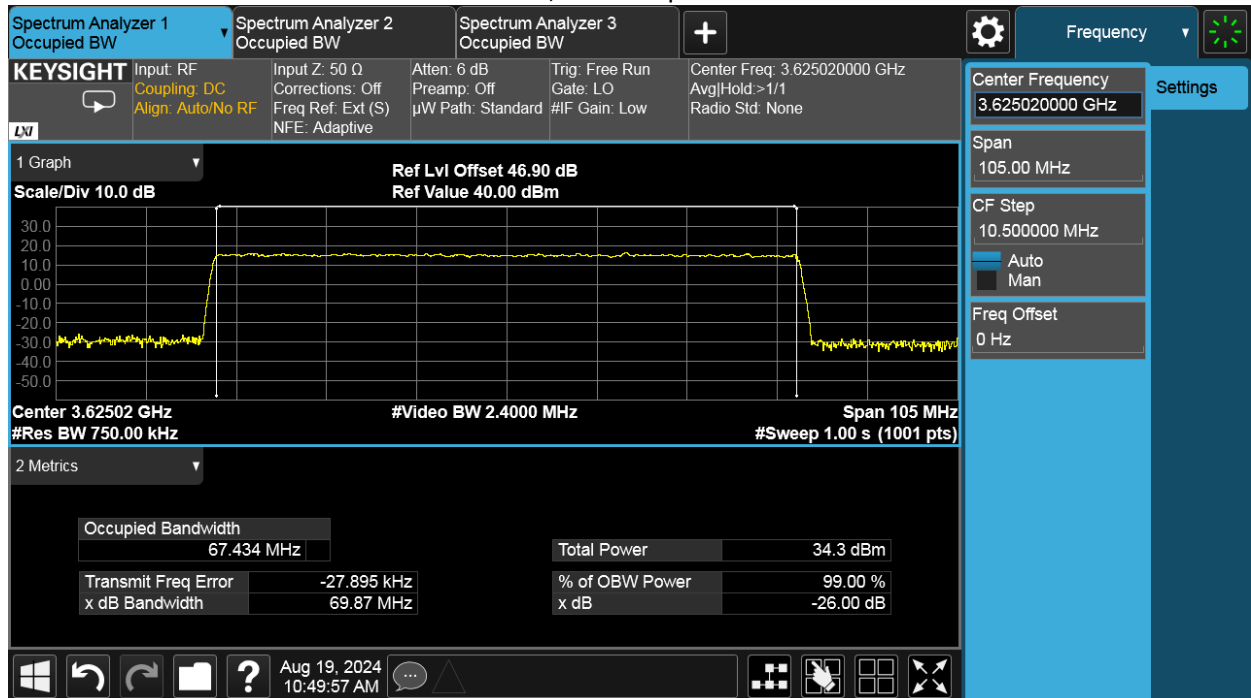


70MHz, Channel position B

TEST REPORT

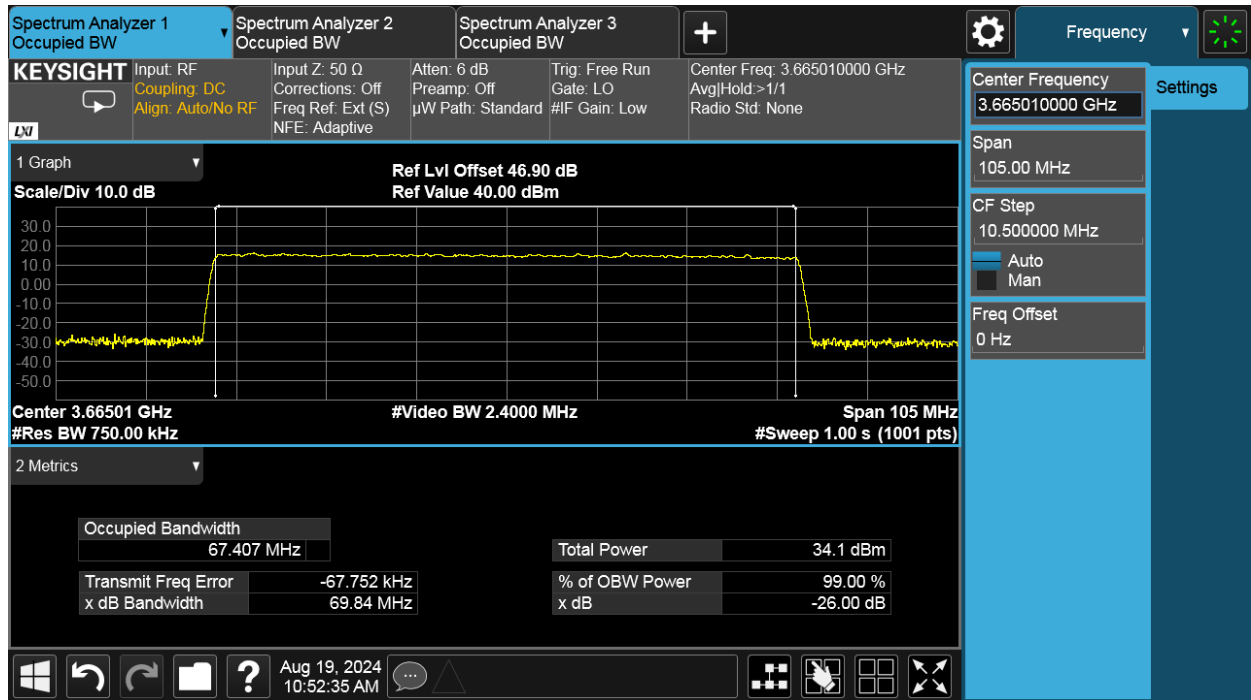


70MHz, Channel position M

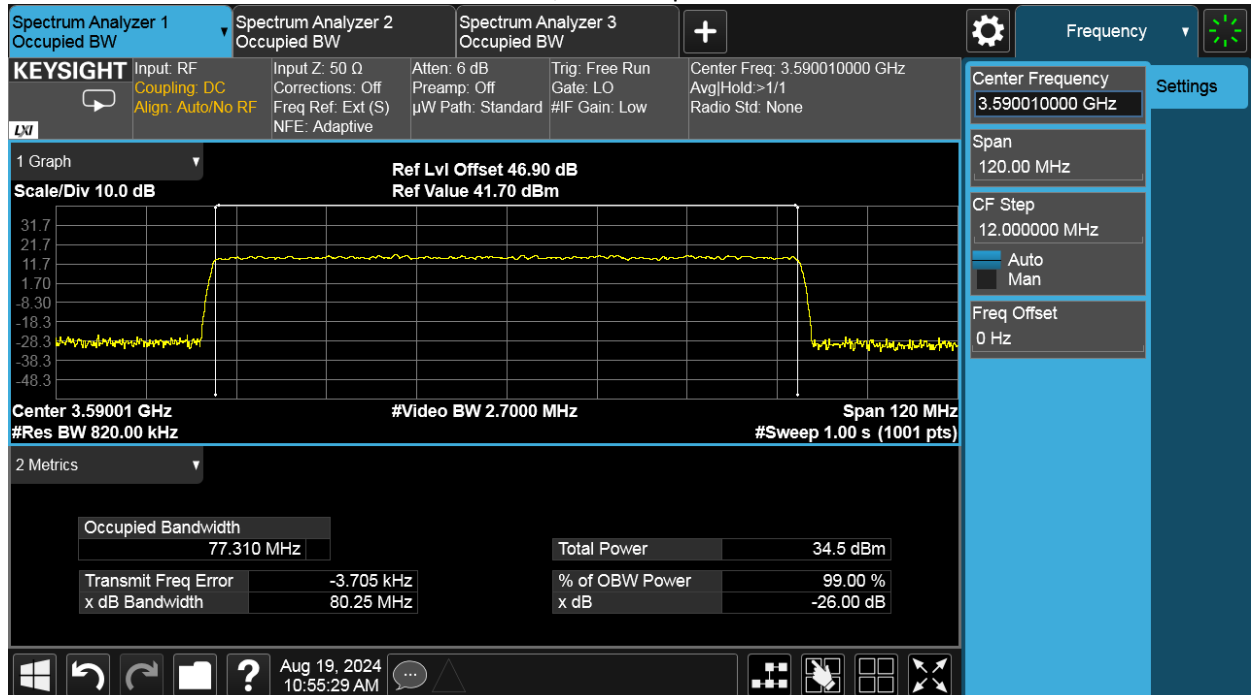


70MHz, Channel position T

TEST REPORT

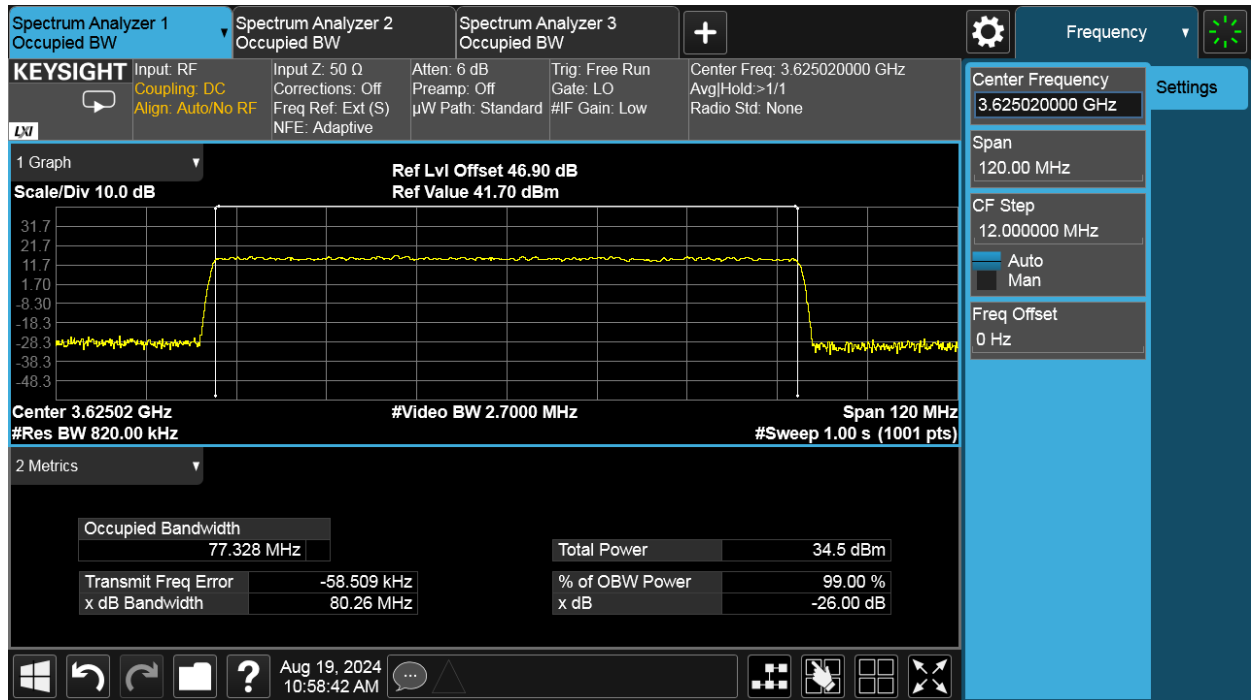


80MHz, Channel position B

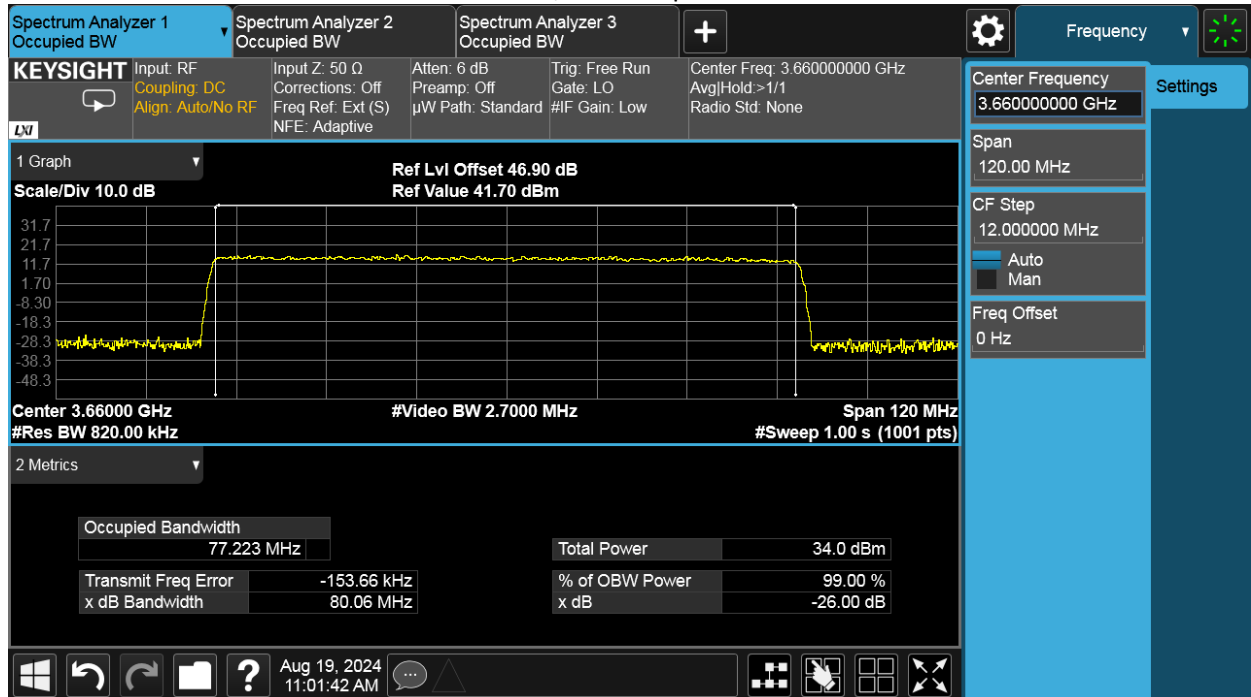


80MHz, Channel position M

TEST REPORT

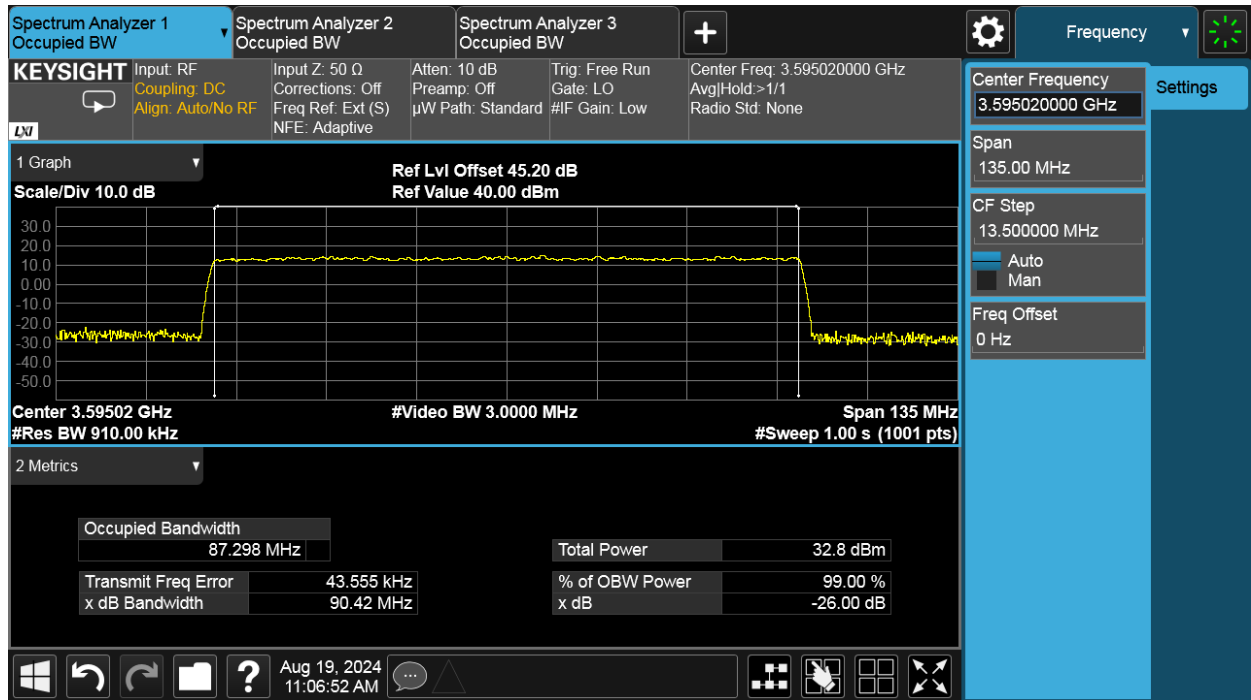


80MHz, Channel position T

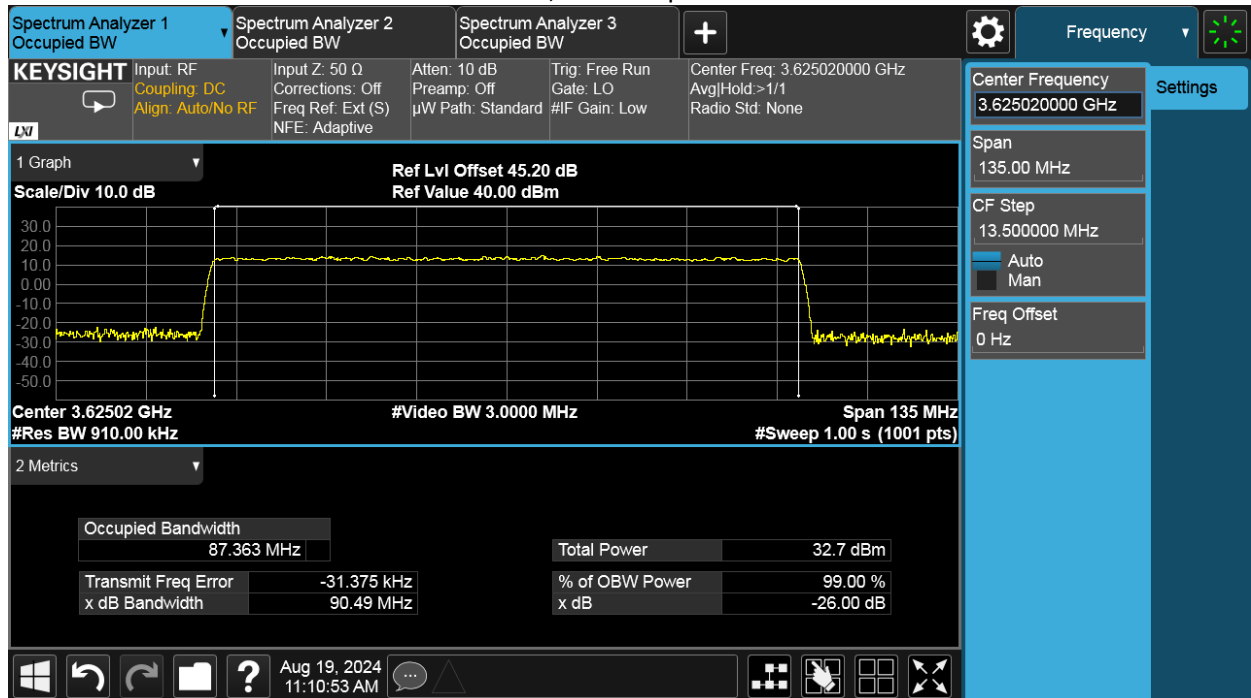


90MHz, Channel position B

TEST REPORT

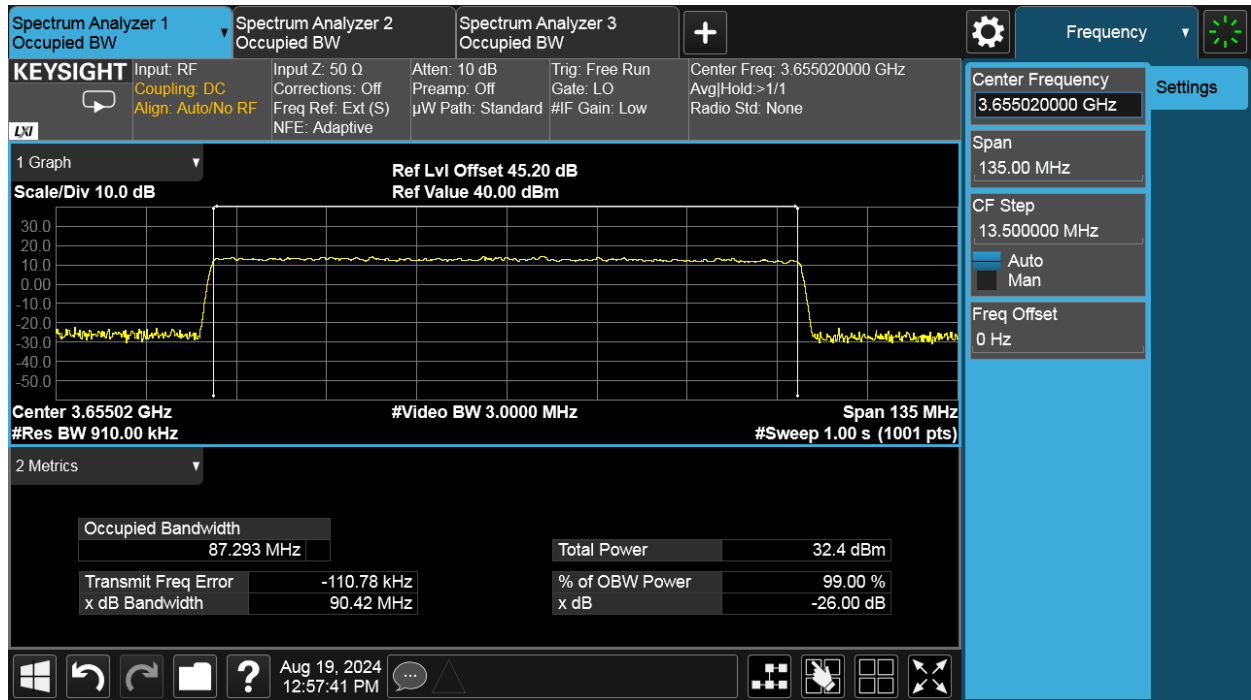


90MHz, Channel position M

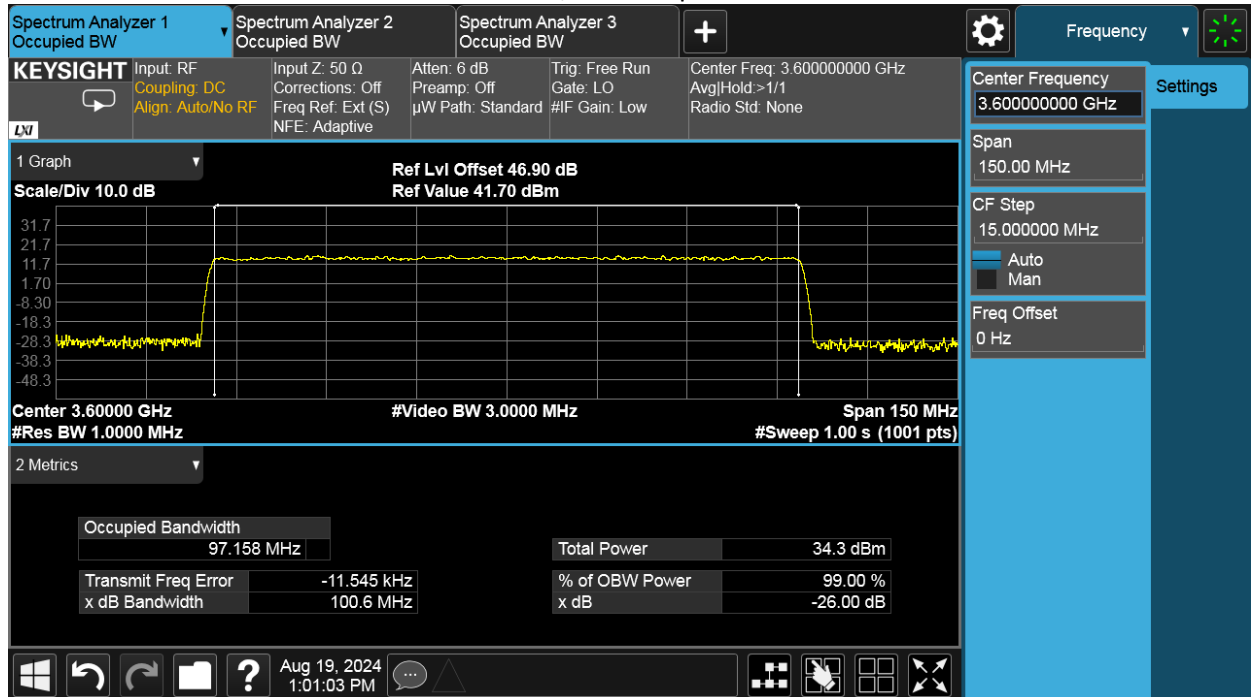


90MHz, Channel position T

TEST REPORT

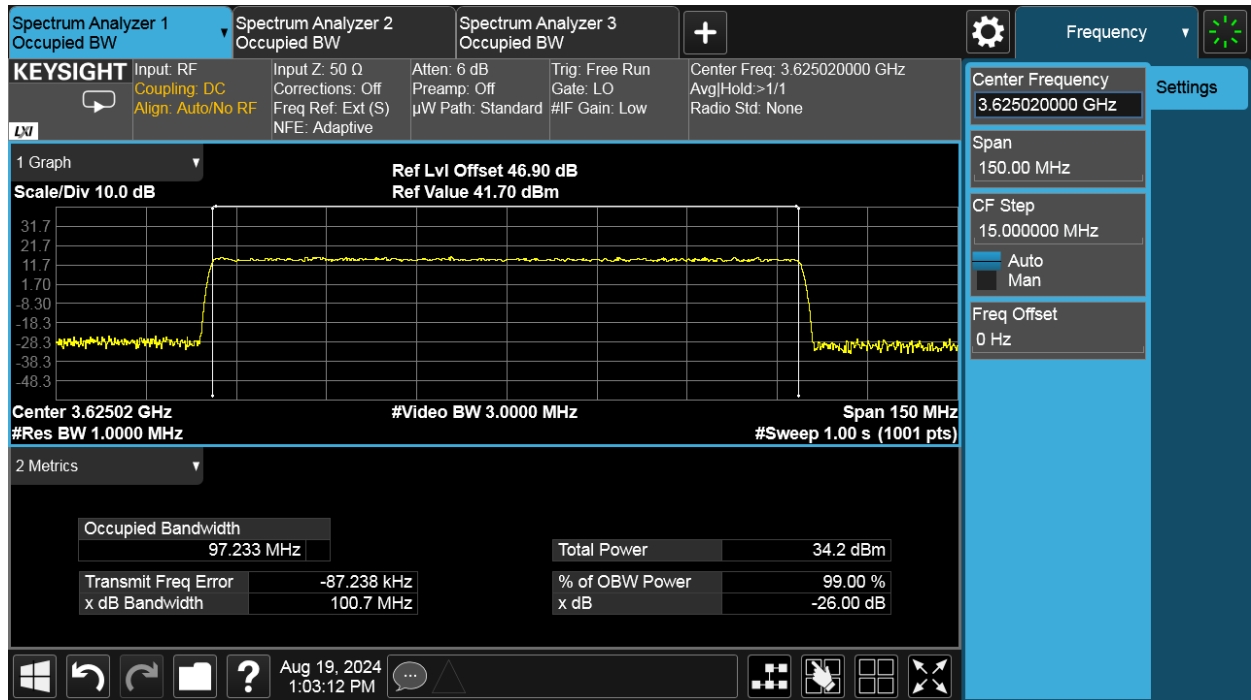


100MHz, Channel position B

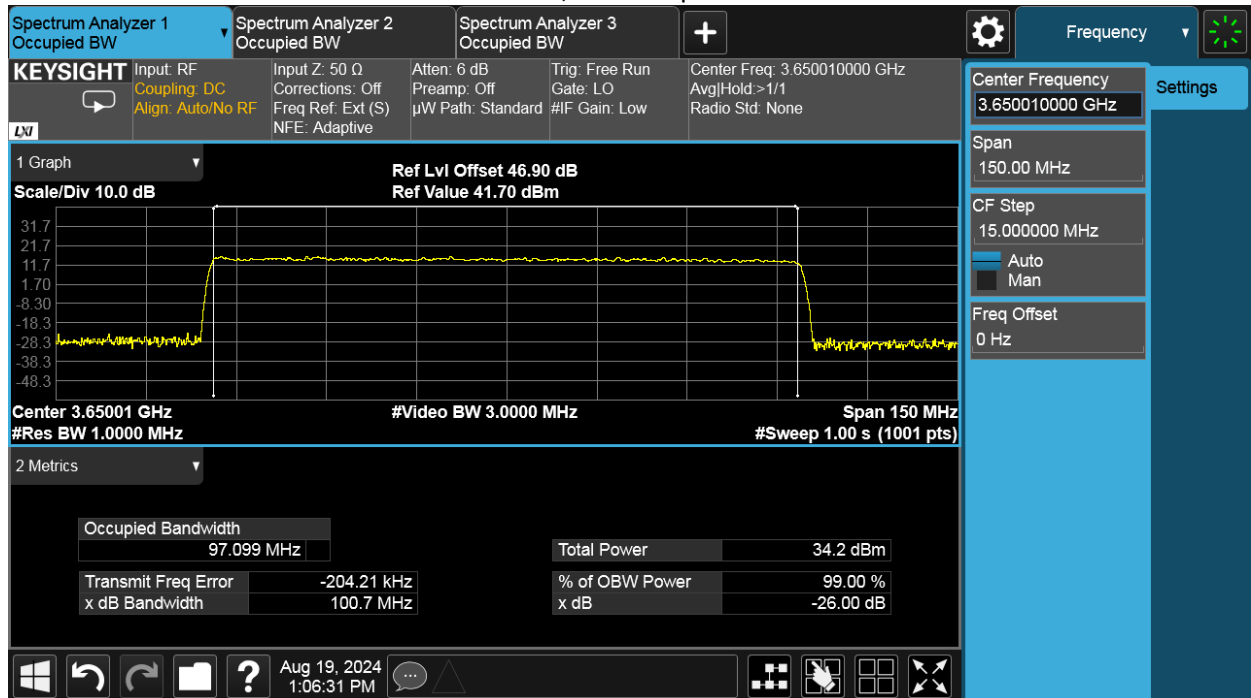


100MHz, Channel position M

TEST REPORT



100MHz, Channel position T



5 Unwanted Emissions at Band Edge

TEST REPORT**Test result: Pass****5.1 Limit**

Except as otherwise specified in paragraph (e)(2) of this section, for channel and frequency assignments made by the SAS to CBSDs, the conducted power of any emission outside the fundamental emission (whether in or outside of the authorized band) shall not exceed -13 dBm/MHz within 0-10 megahertz above the upper SAS-assigned channel edge and within 0-10 megahertz below the lower SAS-assigned channel edge. At all frequencies greater than 10 megahertz above the upper SAS assigned channel edge and less than 10 MHz below the lower SAS assigned channel edge, the conducted power of any emission shall not exceed -25 dBm/MHz.

5.2 Measurement Procedure

All measurements were made according with KDB 971168 D01.

For MIMO mode configurations, the limit was adjusted with a correction of -18.06 dB [$10\log(1/64)$] 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 .

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 > 1 MHz away from the band edges.

Spectrum analyzer detector was set as RMS.

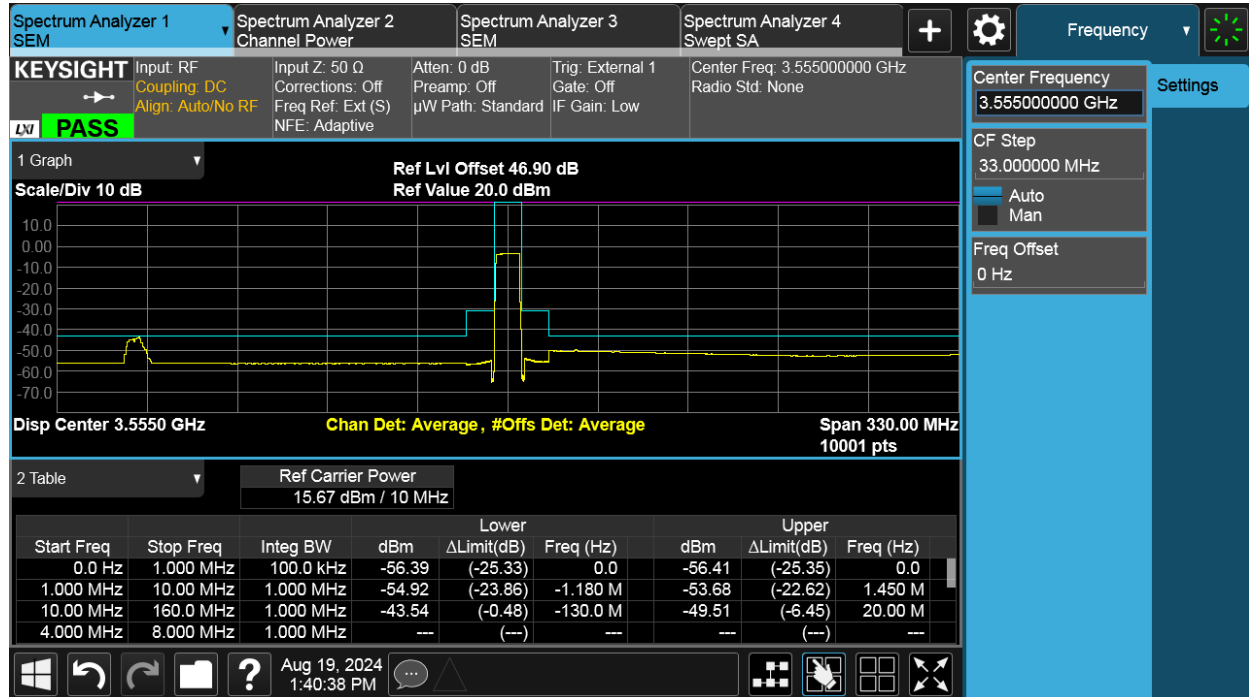
5.3 Measurement result**For 22.5dBi antenna config:**

TEST REPORT

NR-1C-UE:

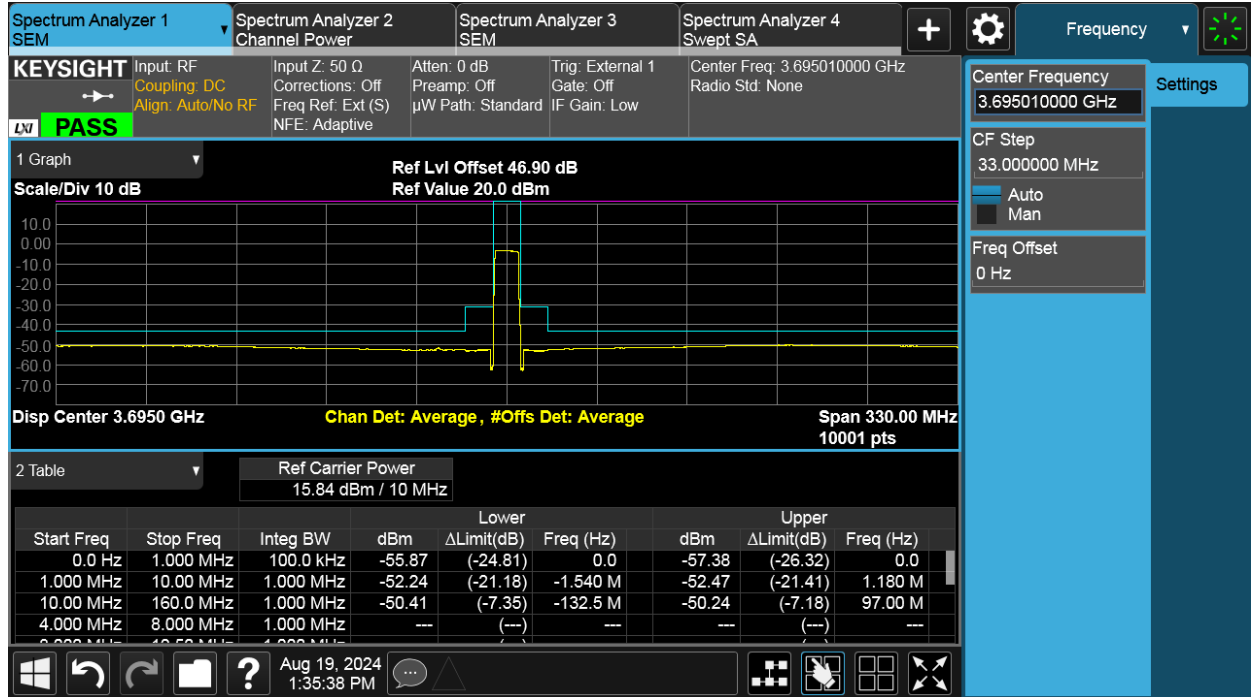
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	10	0-1	100	-31.06
36	B & T	QPSK	10	1-10	1000	-31.06
36	B & T	QPSK	10	>10	1000	-43.06

Channel Position B



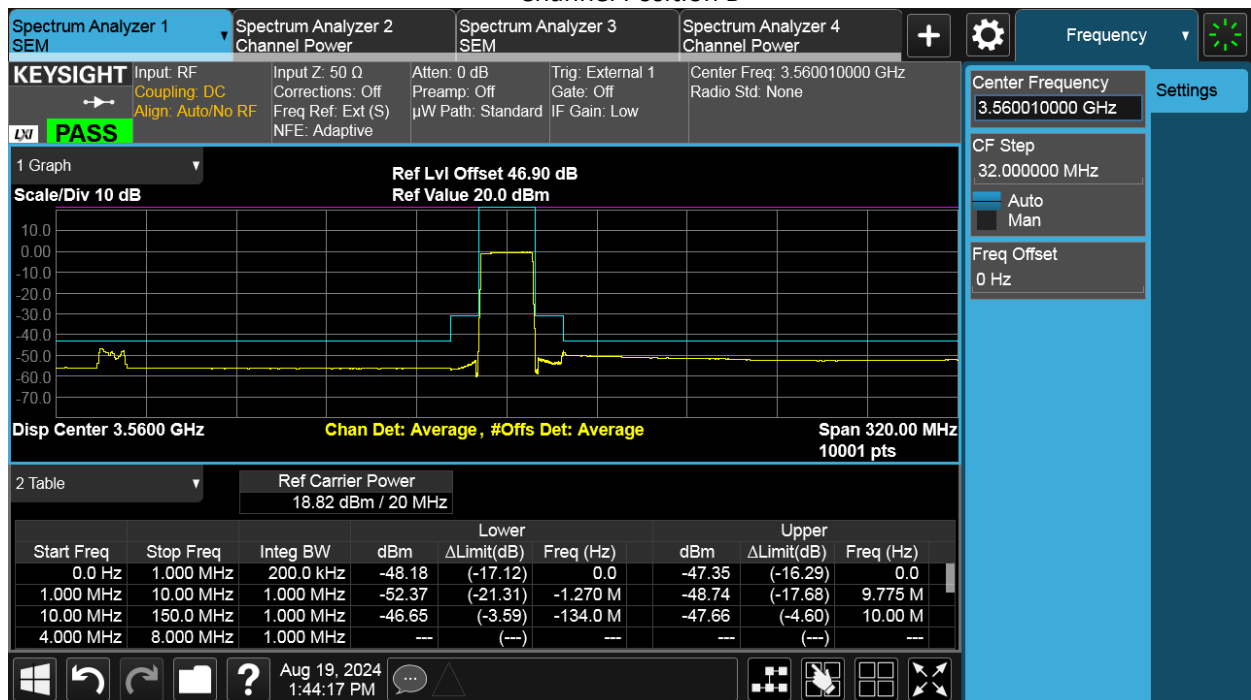
Channel Position T

TEST REPORT



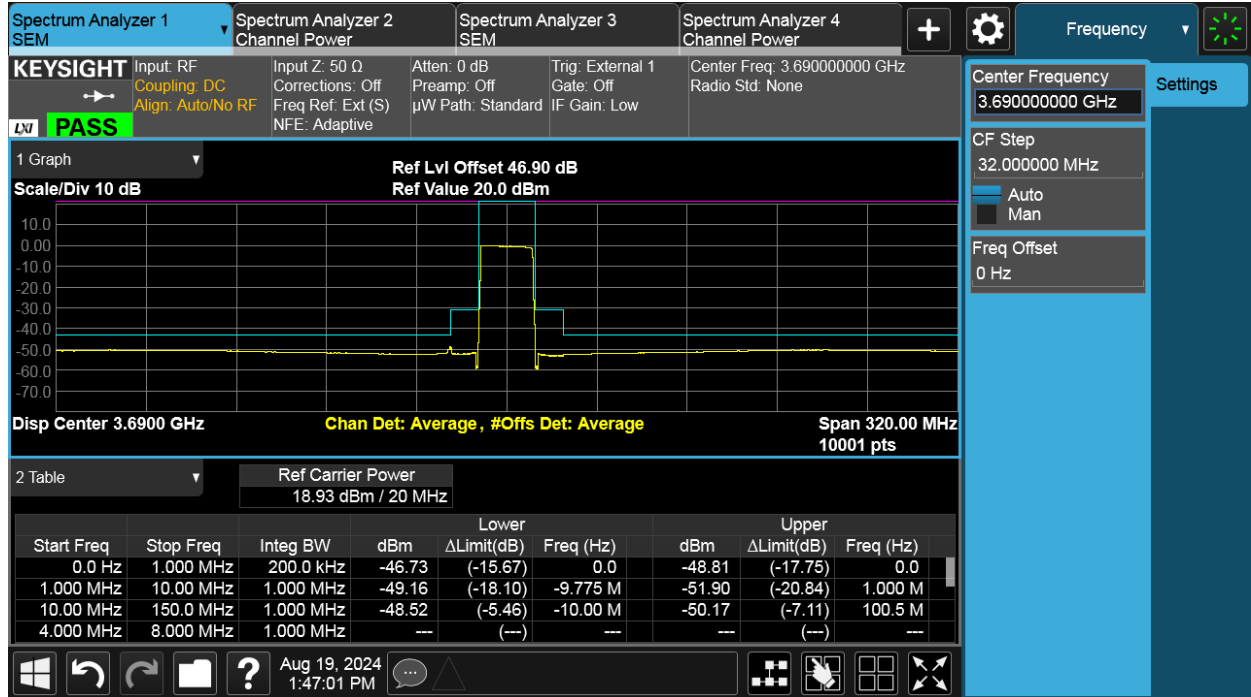
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	20	0-1	200	-31.06
36	B & T	QPSK	20	1-10	1000	-31.06
36	B & T	QPSK	20	>10	1000	-43.06

Channel Position B



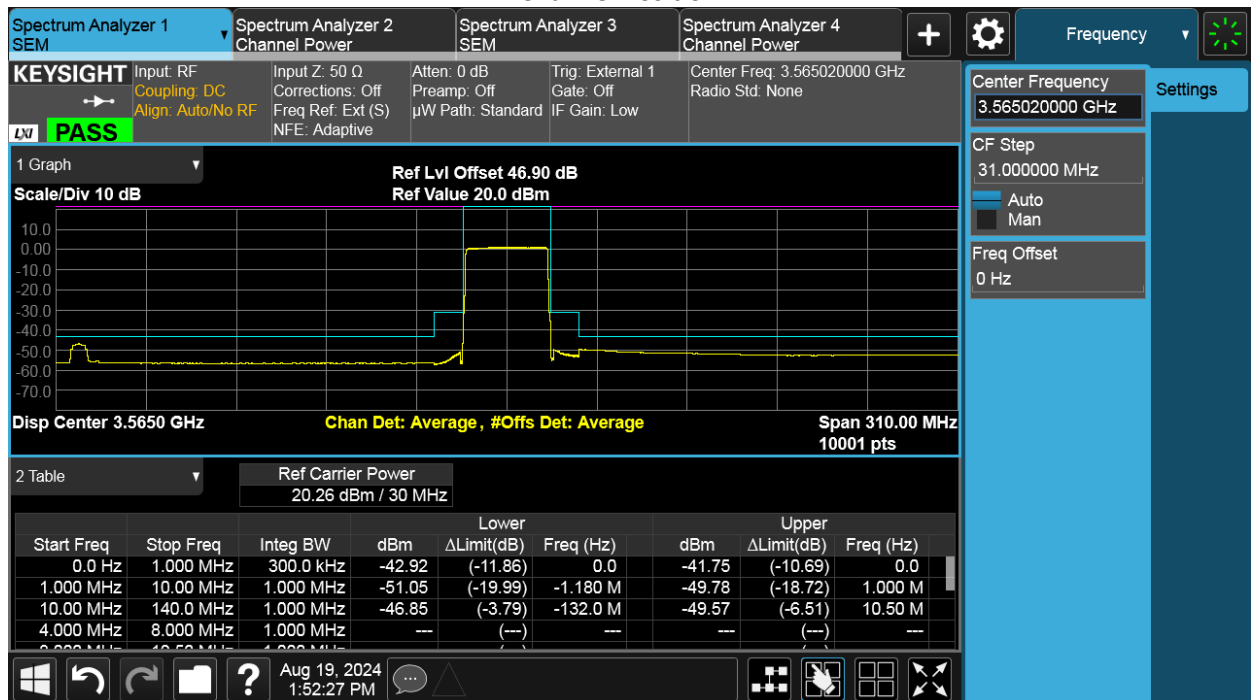
Channel Position T

TEST REPORT



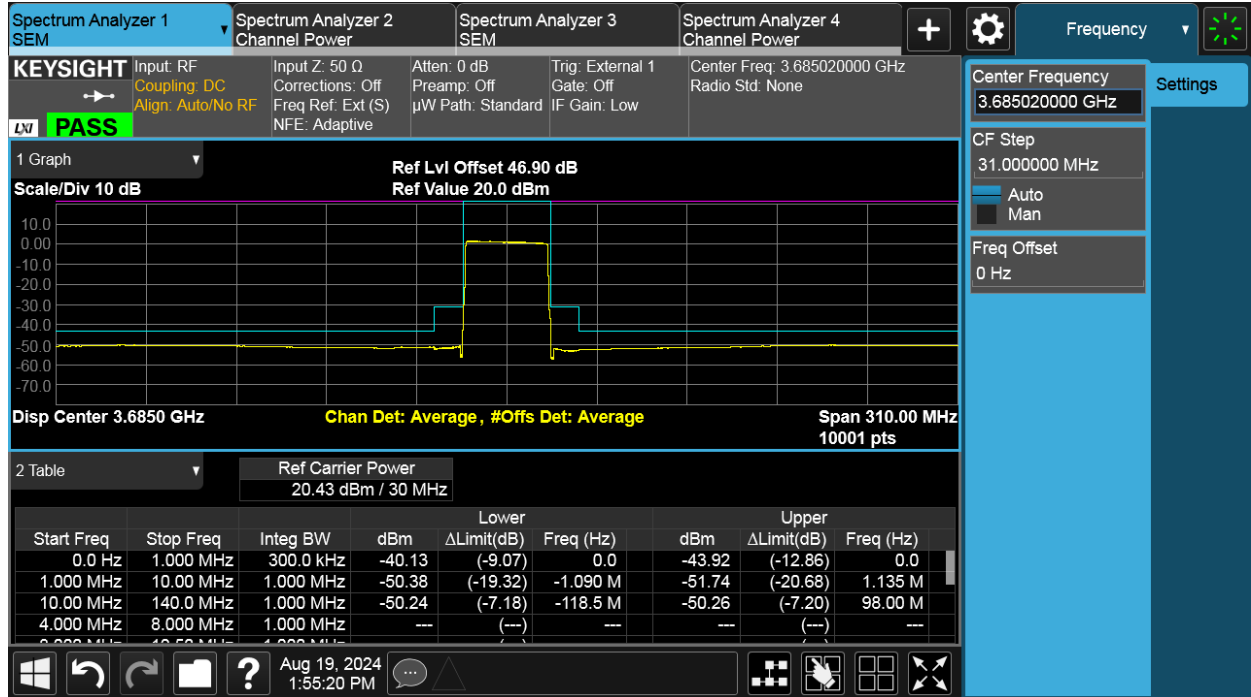
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	30	0-1	300	-31.06
36	B & T	QPSK	30	1-10	1000	-31.06
36	B & T	QPSK	30	>10	1000	-43.06

Channel Position B



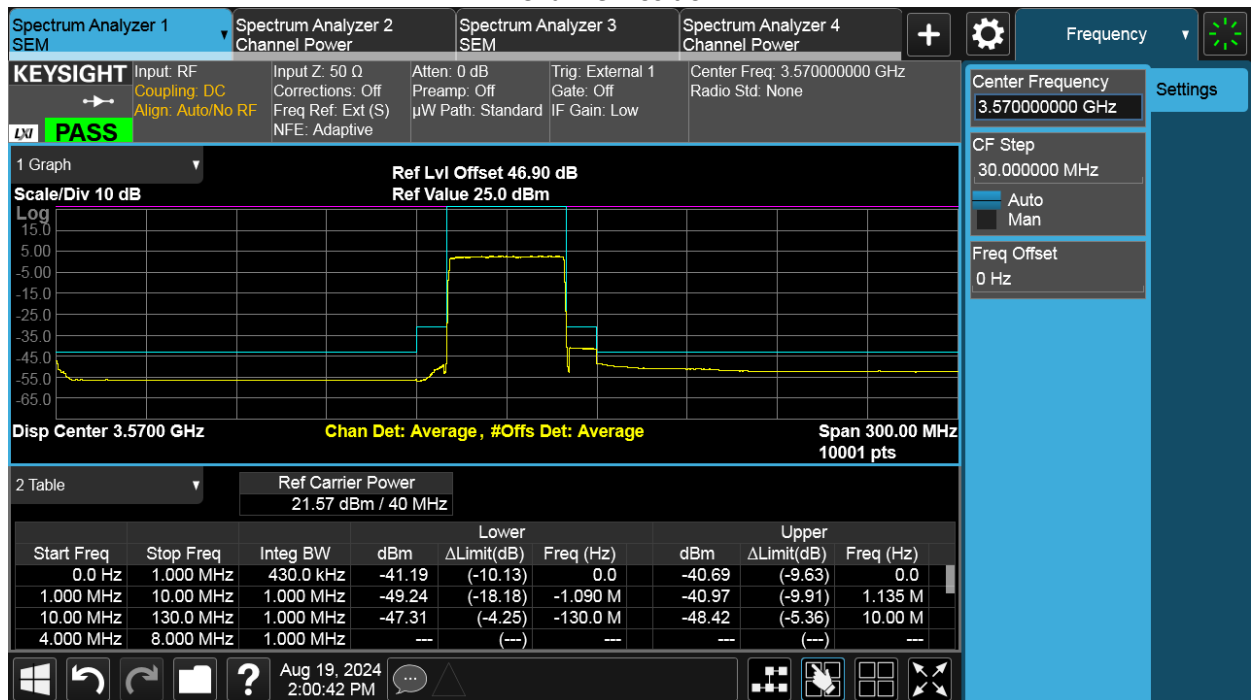
Channel Position T

TEST REPORT



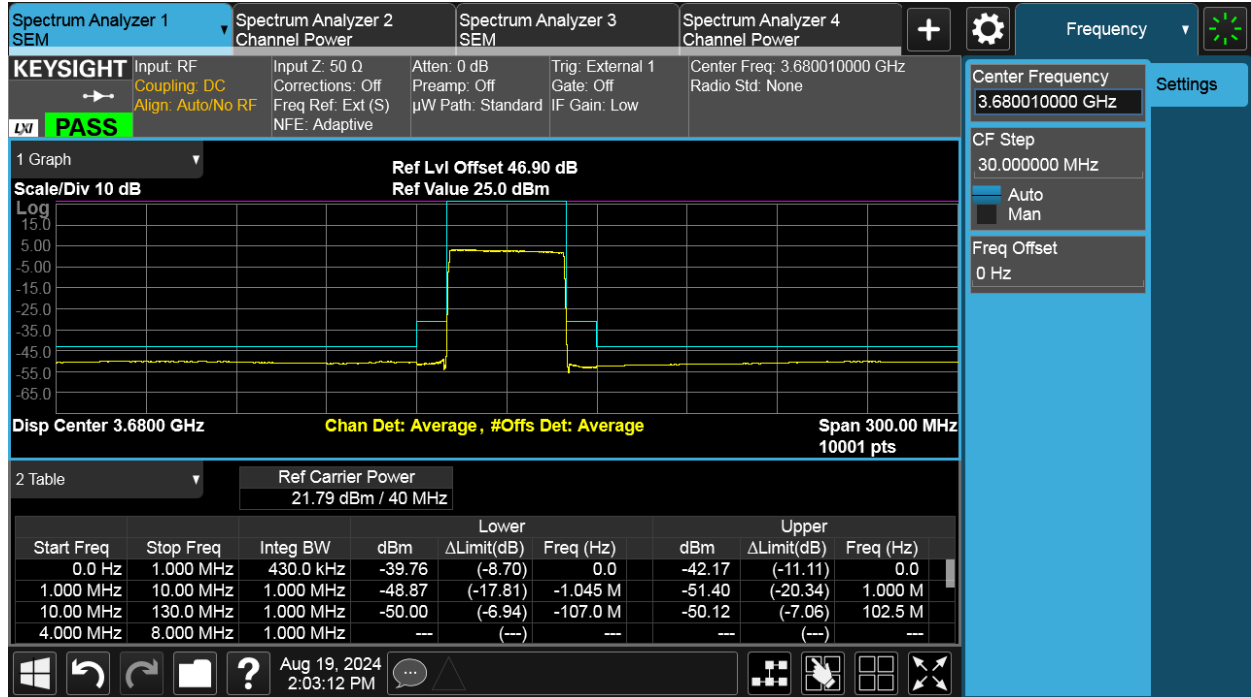
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	40	0-1	430	-31.06
36	B & T	QPSK	40	1-10	1000	-31.06
36	B & T	QPSK	40	>10	1000	-43.06

Channel Position B



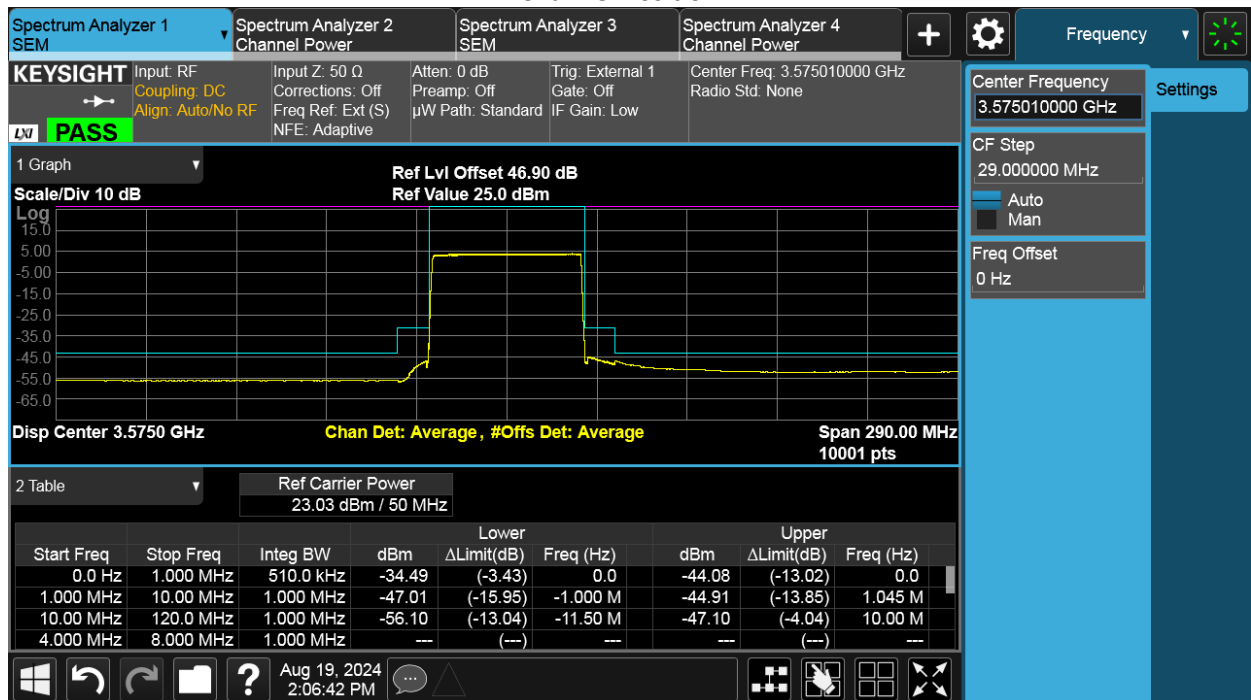
Channel Position T

TEST REPORT



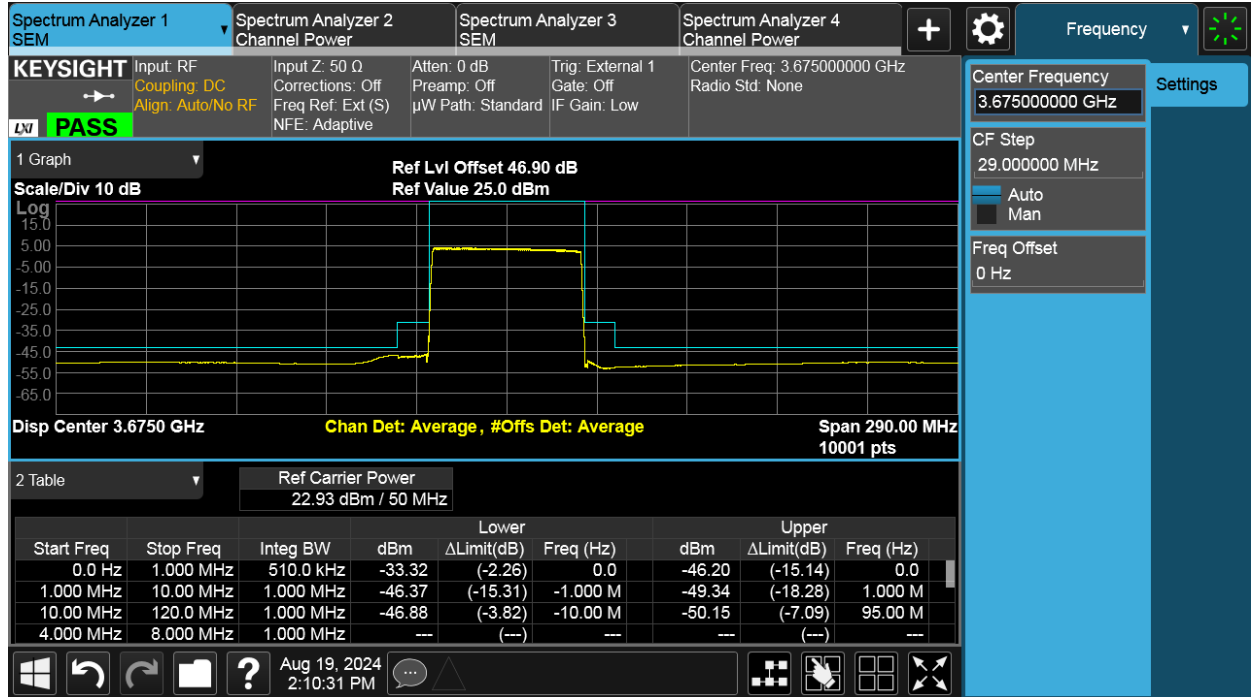
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	50	0-1	510	-31.06
36	B & T	QPSK	50	1-10	1000	-31.06
36	B & T	QPSK	50	>10	1000	-43.06

Channel Position B



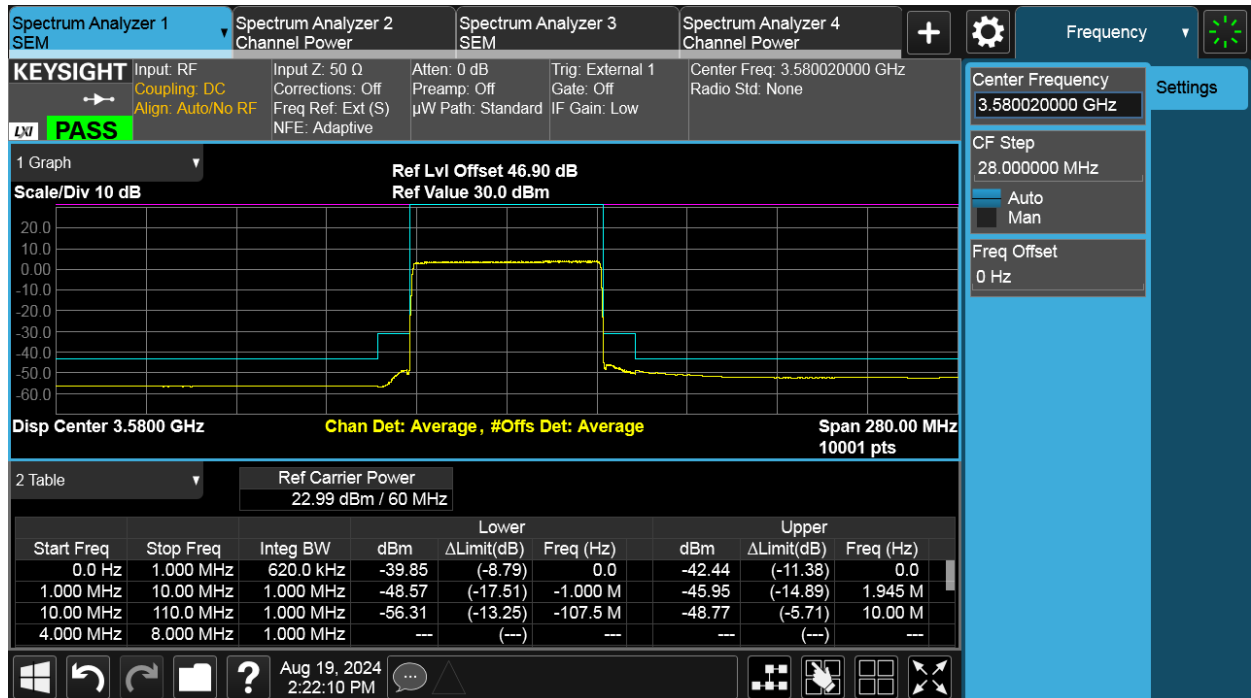
Channel Position T

TEST REPORT



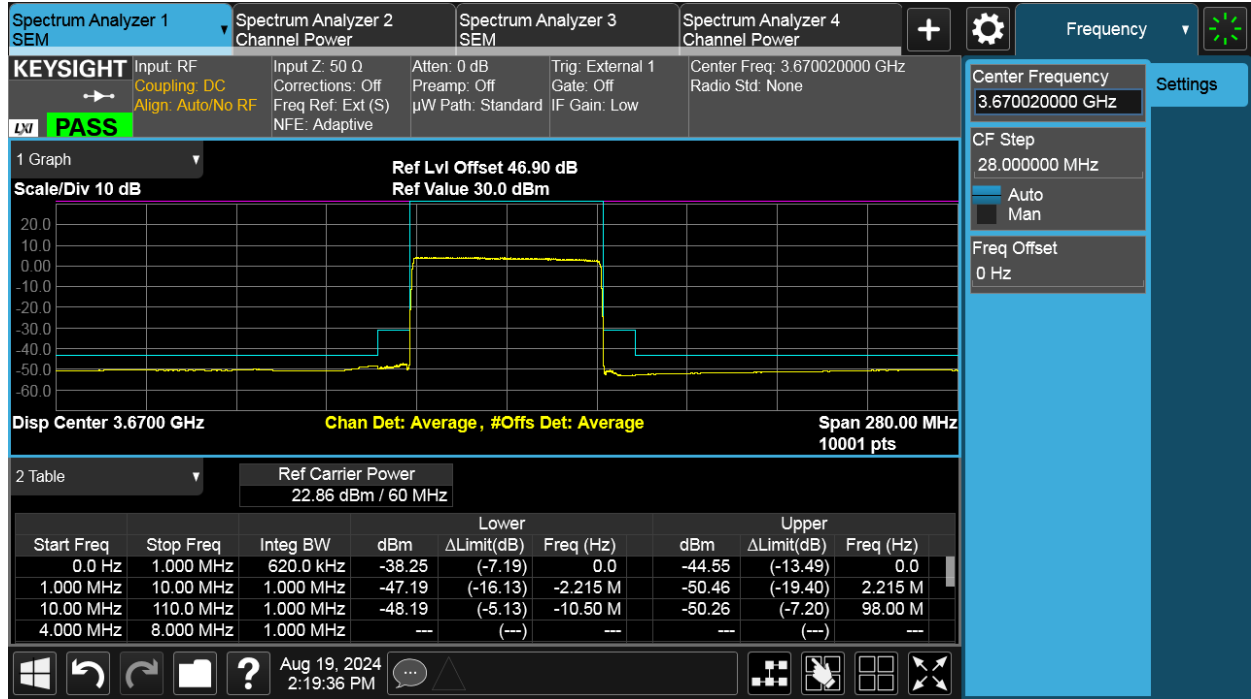
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	60	0-1	620	-31.06
36	B & T	QPSK	60	1-10	1000	-31.06
36	B & T	QPSK	60	>10	1000	-43.06

Channel Position B



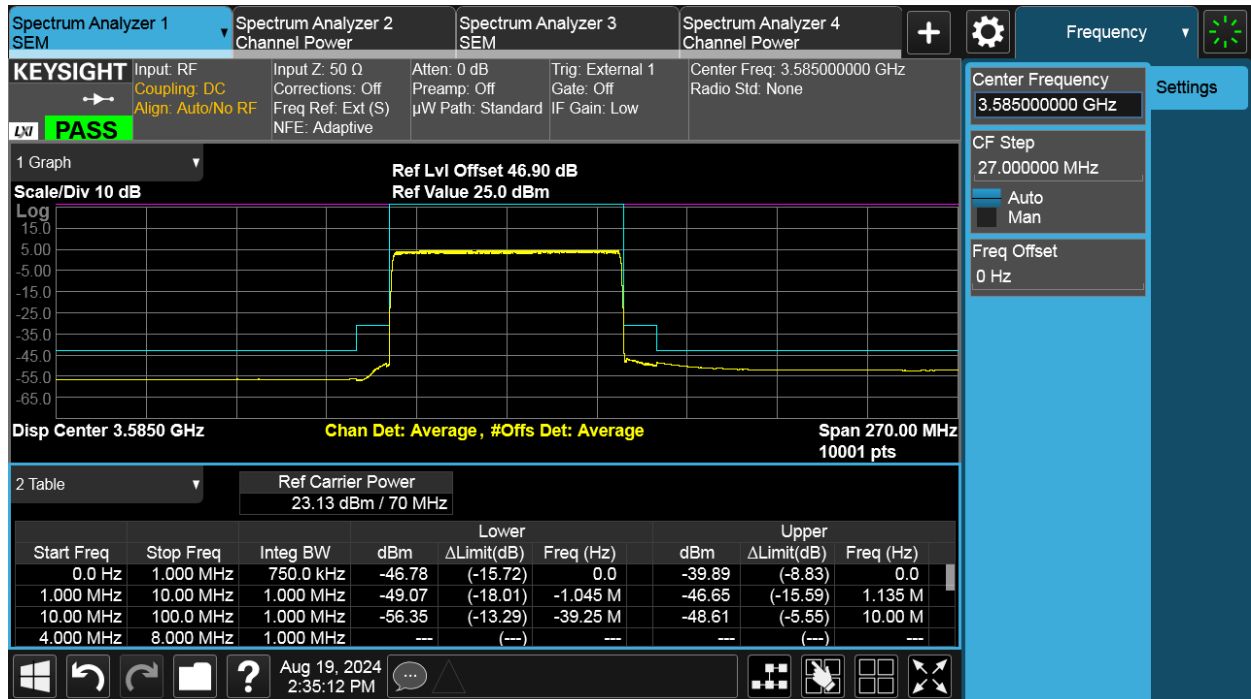
Channel Position T

TEST REPORT



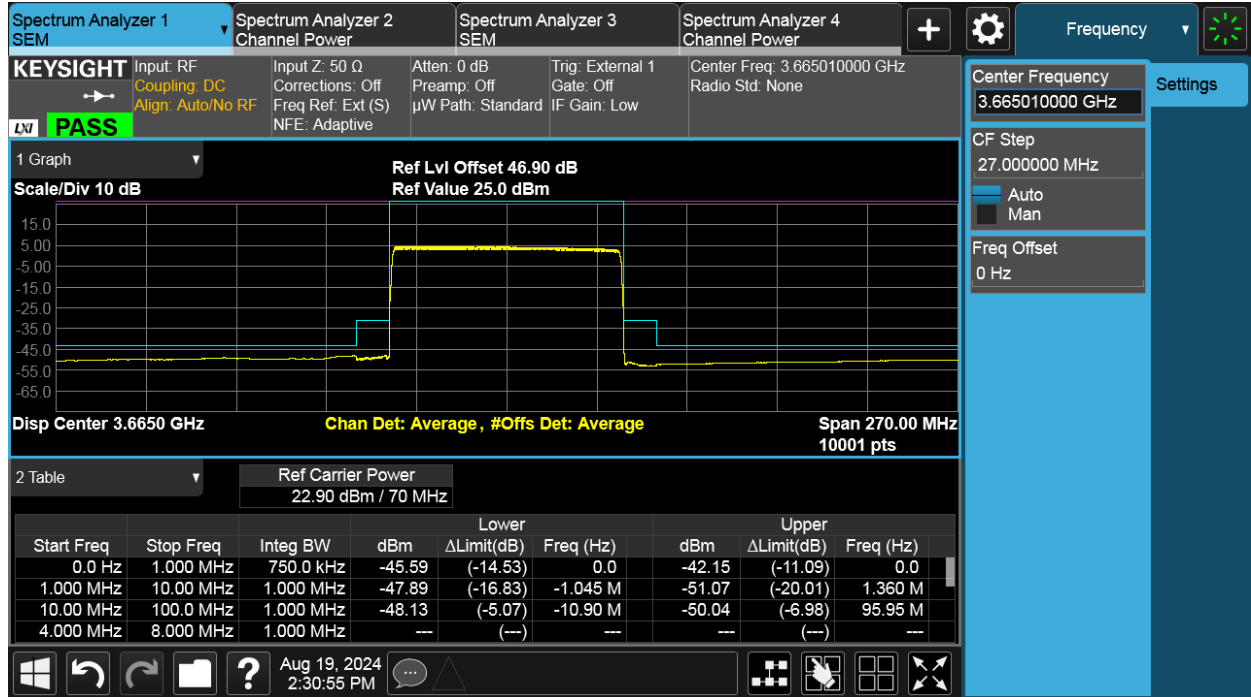
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	70	0-1	750	-31.06
36	B & T	QPSK	70	1-10	1000	-31.06
36	B & T	QPSK	70	>10	1000	-43.06

Channel Position B



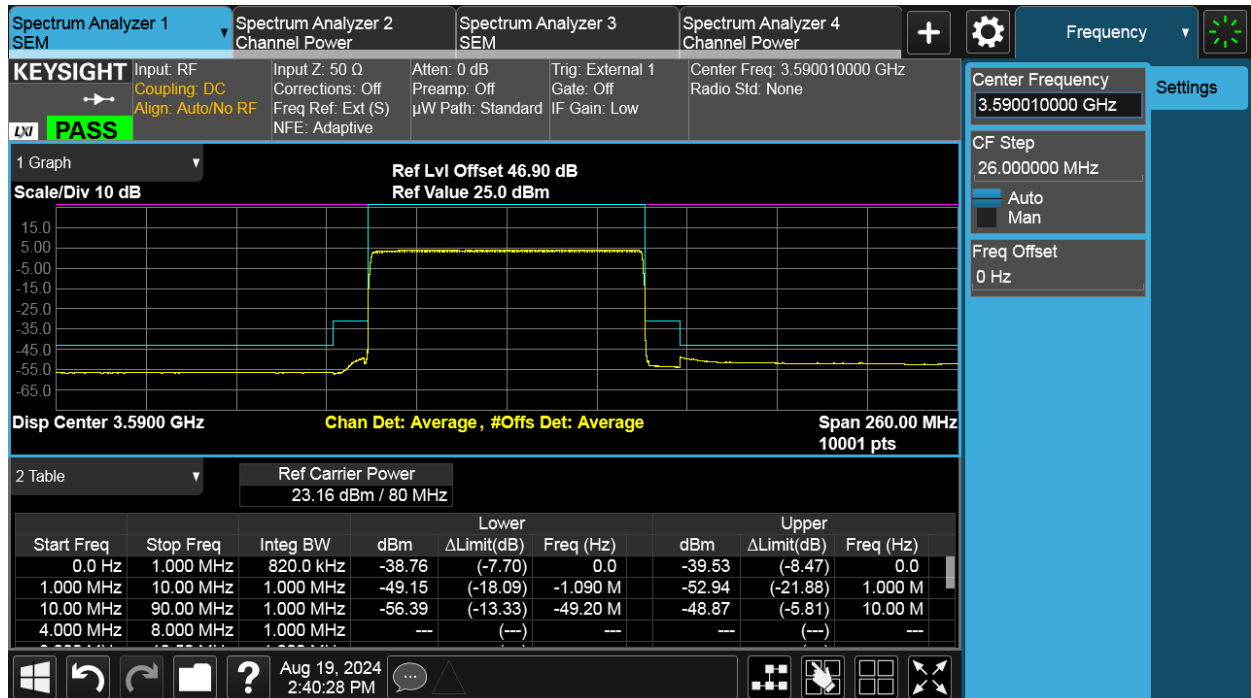
Channel Position T

TEST REPORT



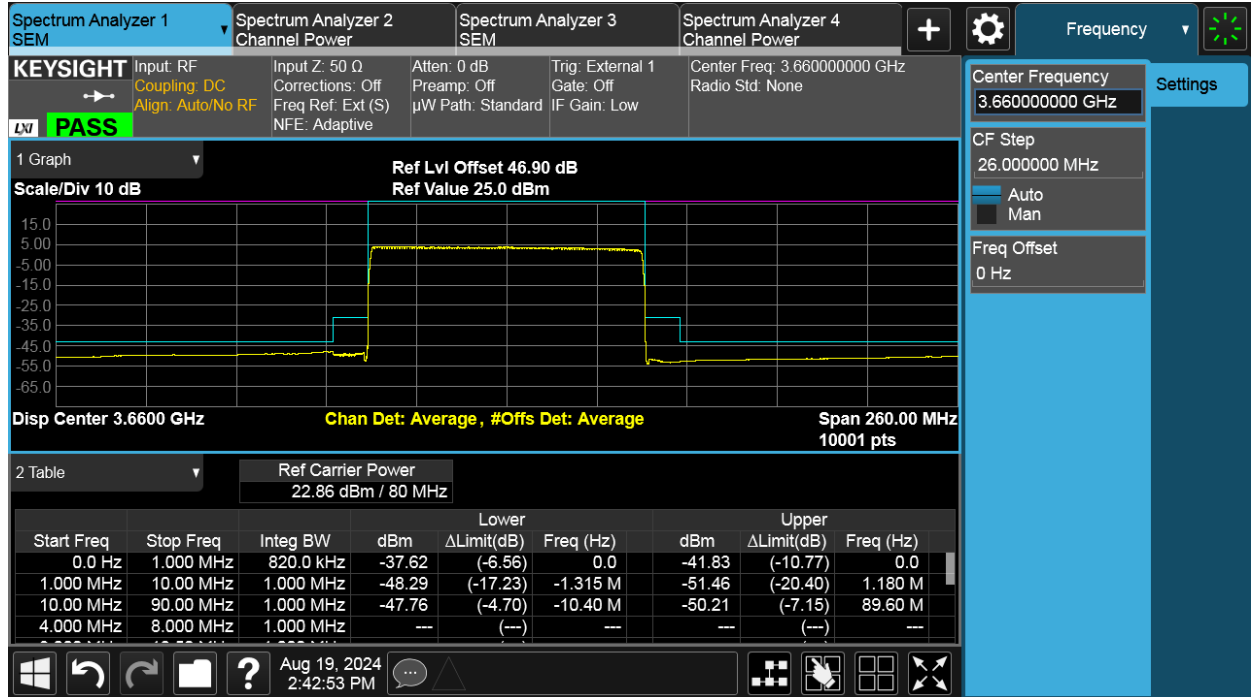
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	80	0-1	820	-31.06
36	B & T	QPSK	80	1-10	1000	-31.06
36	B & T	QPSK	80	>10	1000	-43.06

Channel Position B



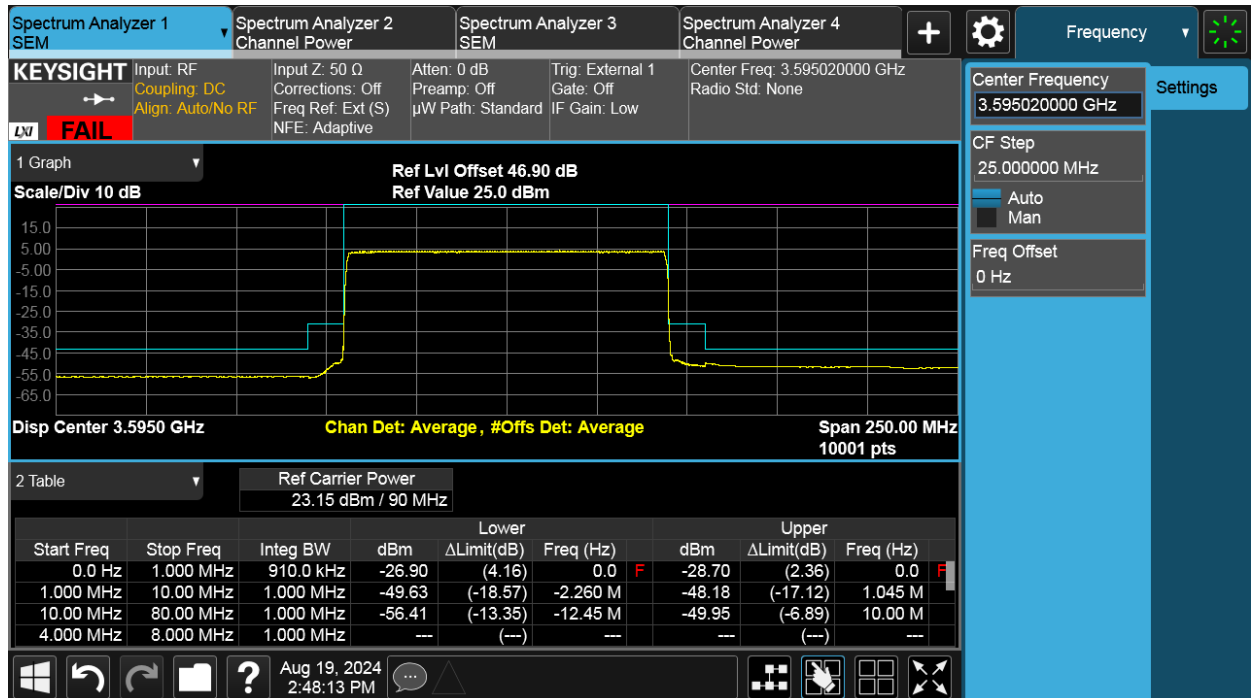
Channel Position T

TEST REPORT

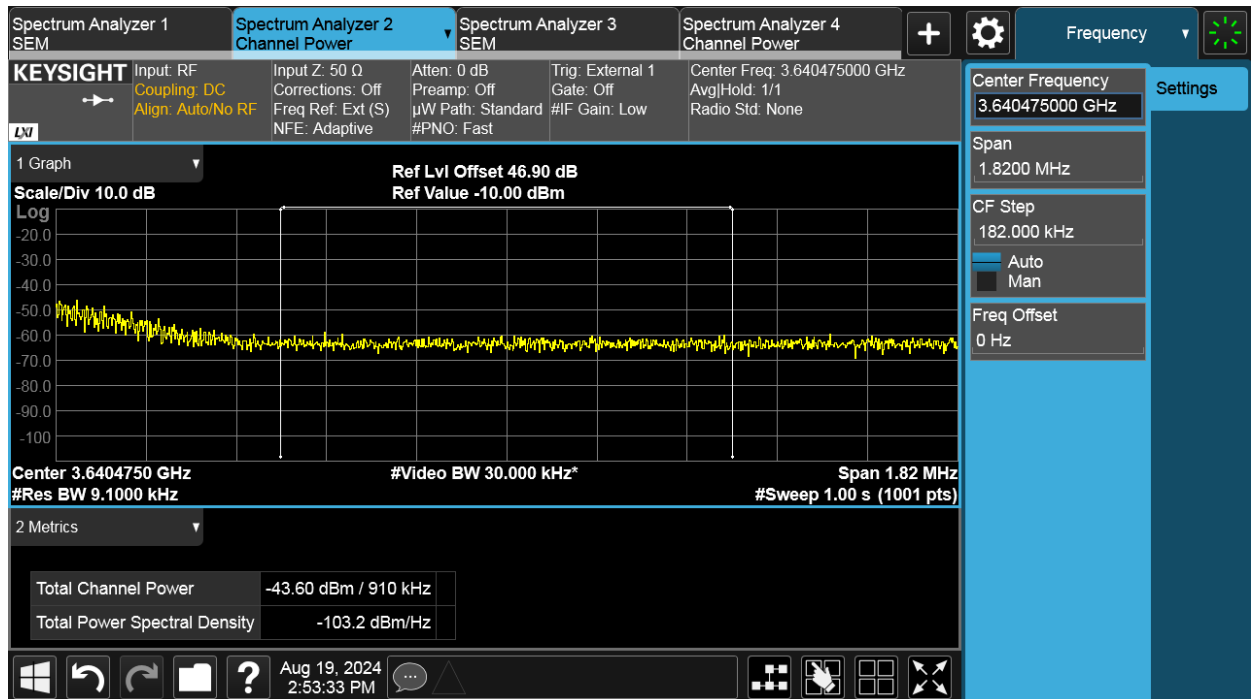
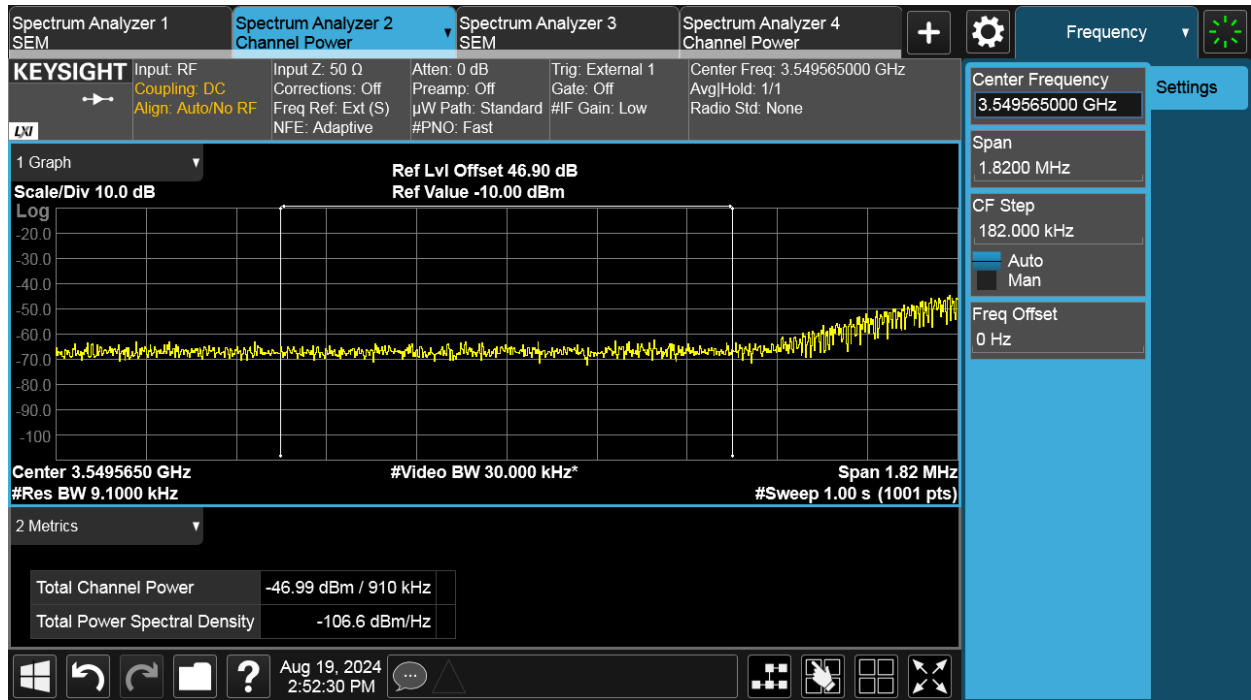


Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	90	0-1	910	-31.06
36	B & T	QPSK	90	1-10	1000	-31.06
36	B & T	QPSK	90	>10	1000	-43.06

Channel Position B

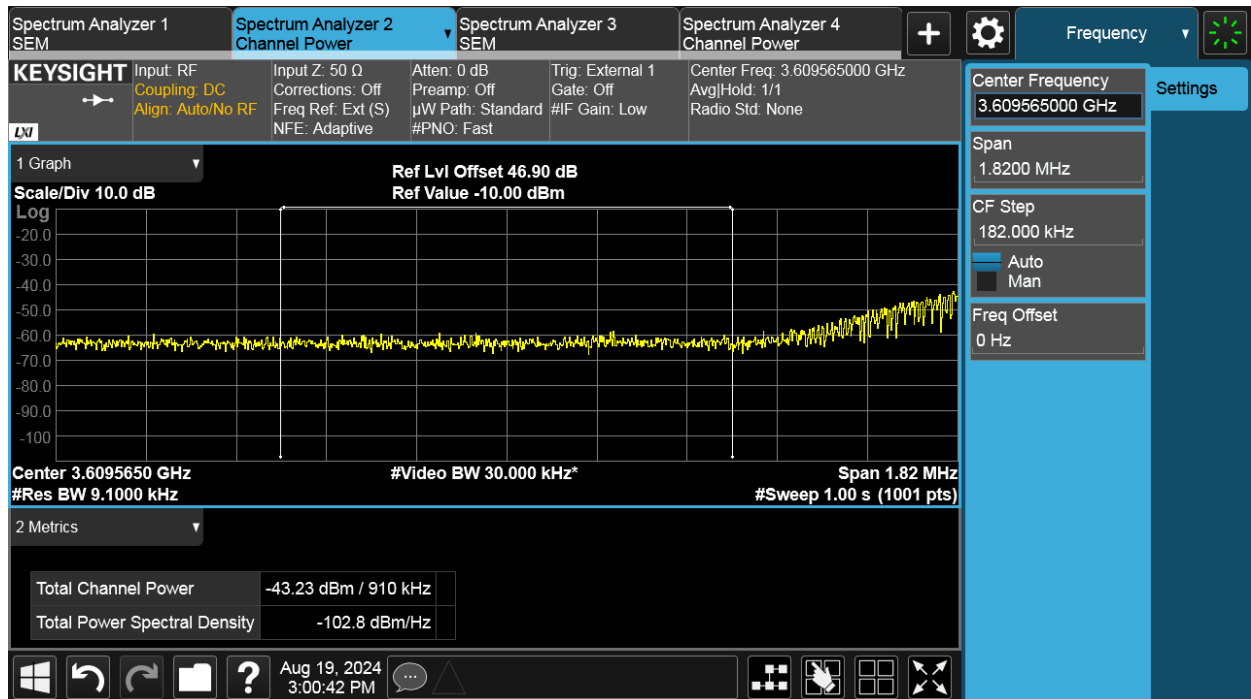
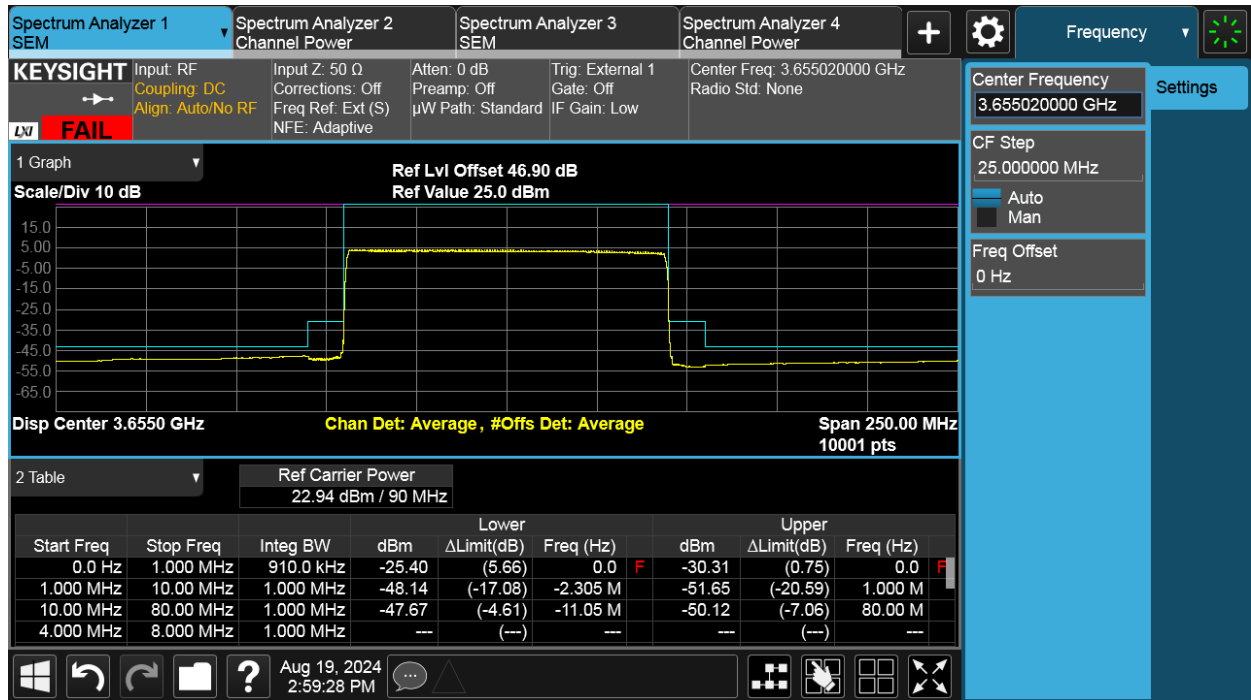


TEST REPORT

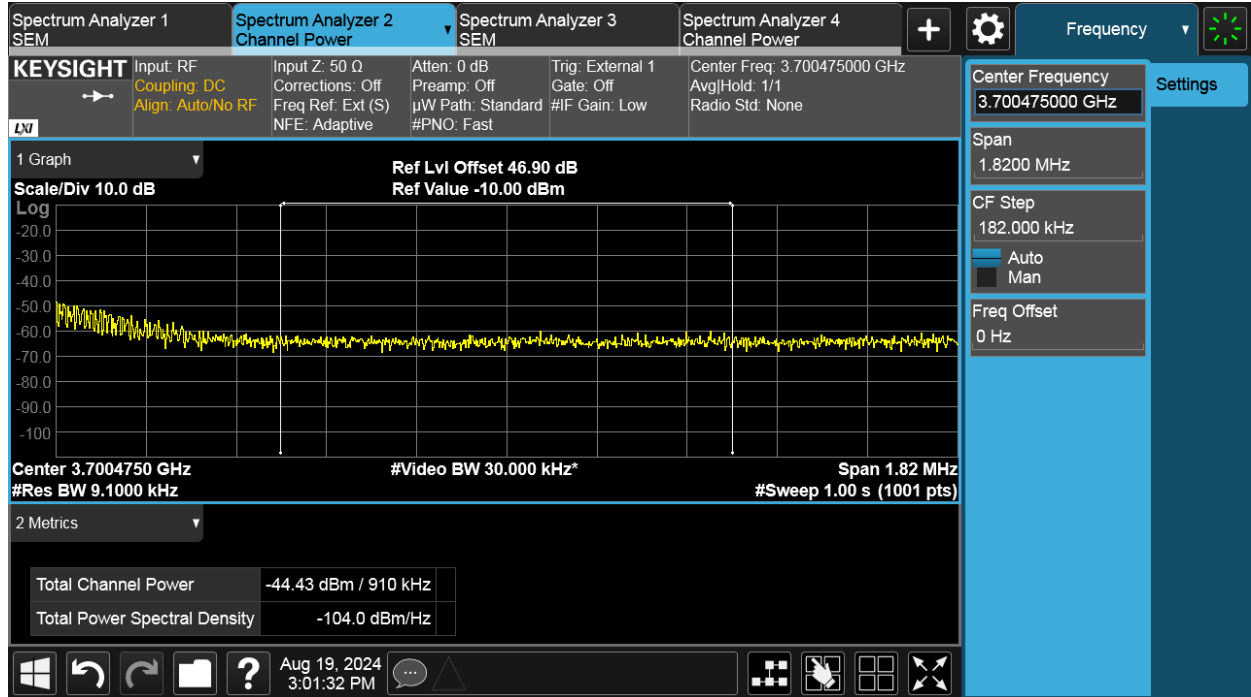


Channel Position T

TEST REPORT

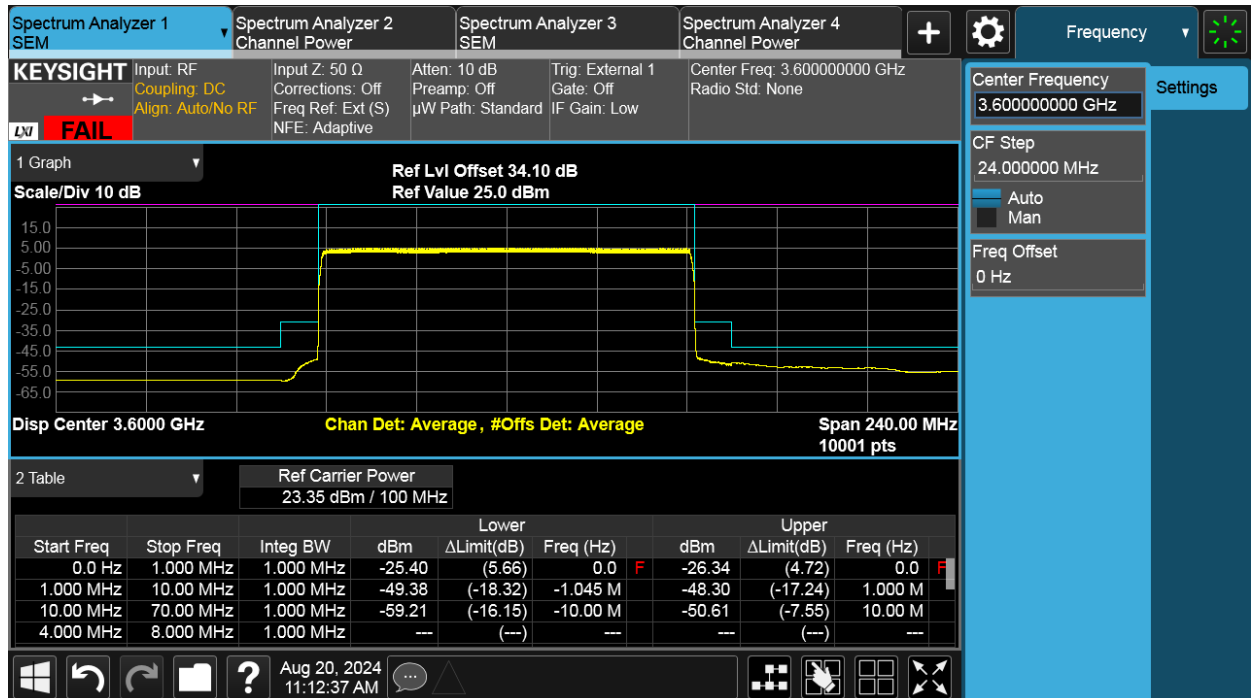


TEST REPORT

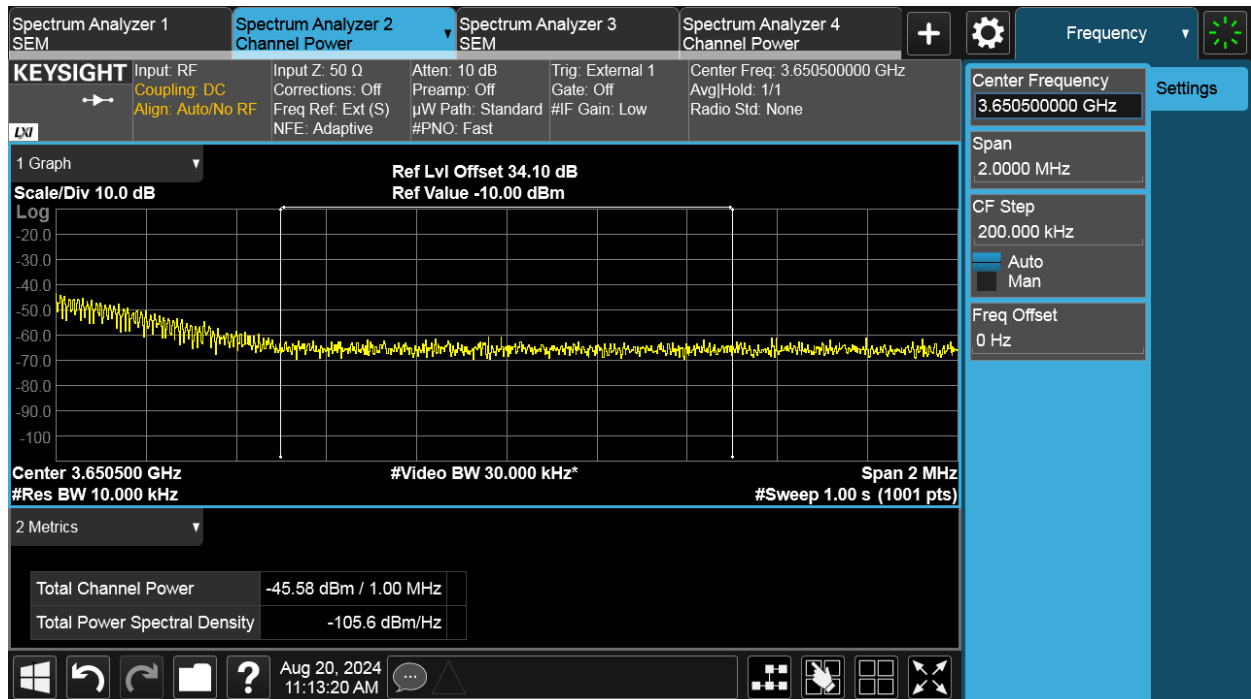
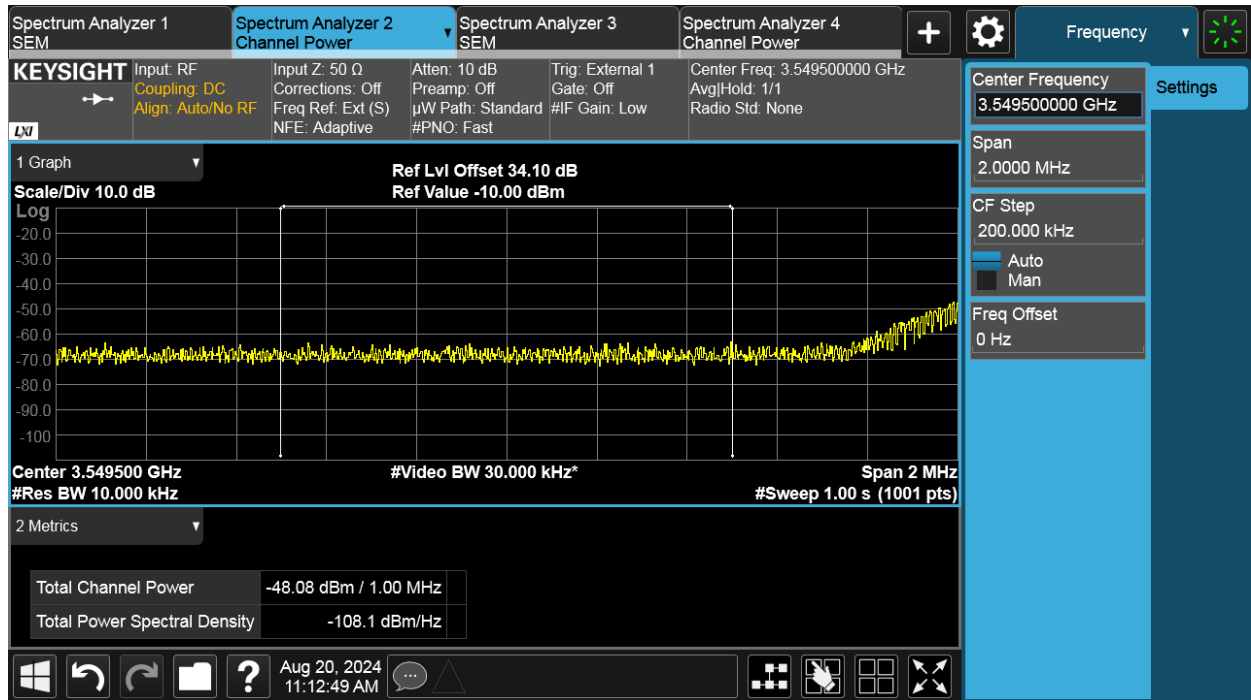


Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	100	0-1	1000	-31.06
36	B & T	QPSK	100	1-10	1000	-31.06
36	B & T	QPSK	100	>10	1000	-43.06

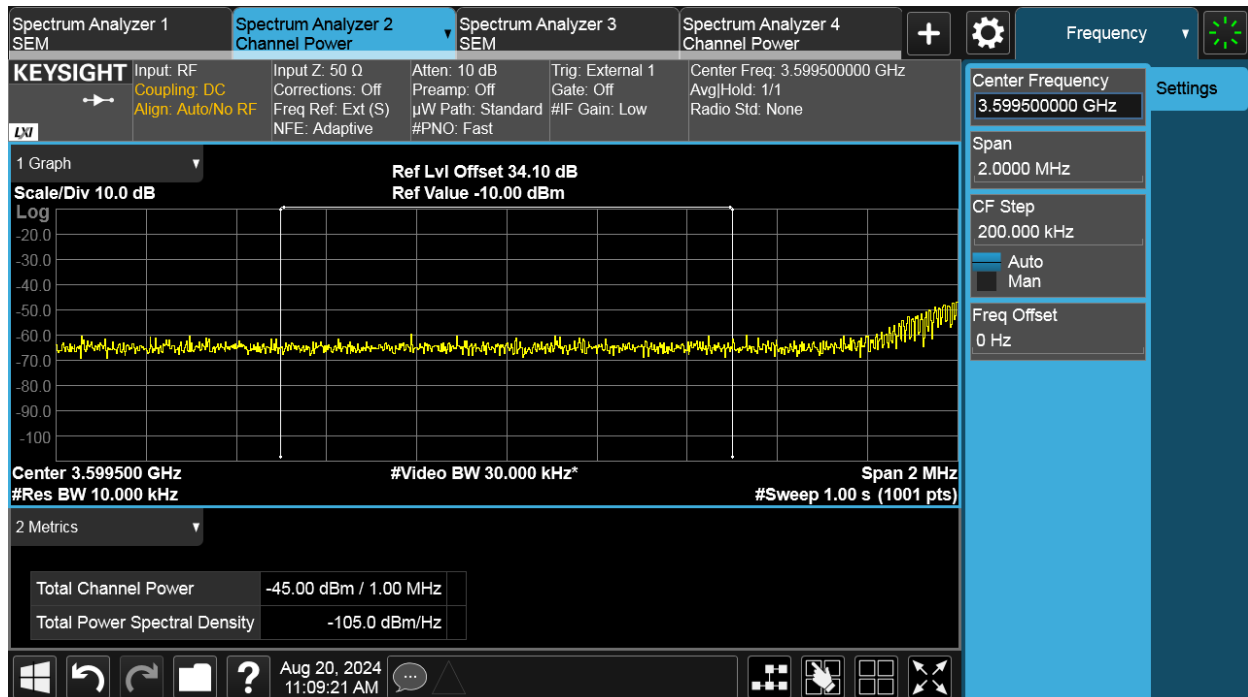
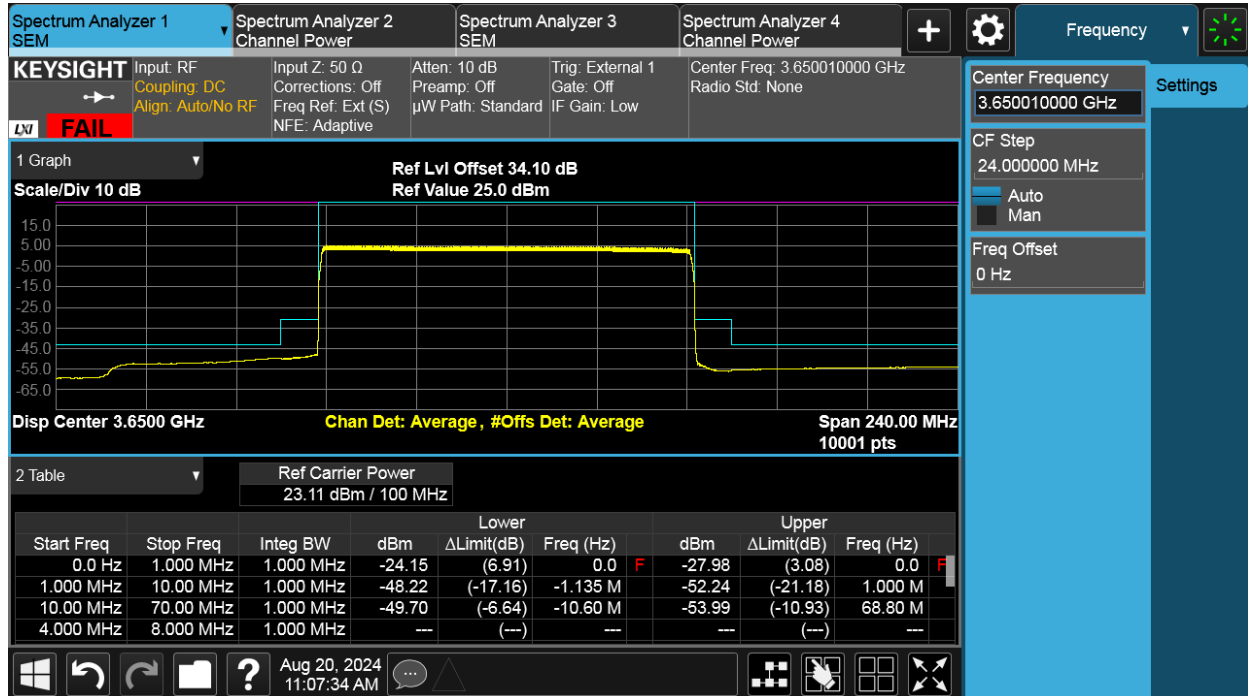
Channel Position B



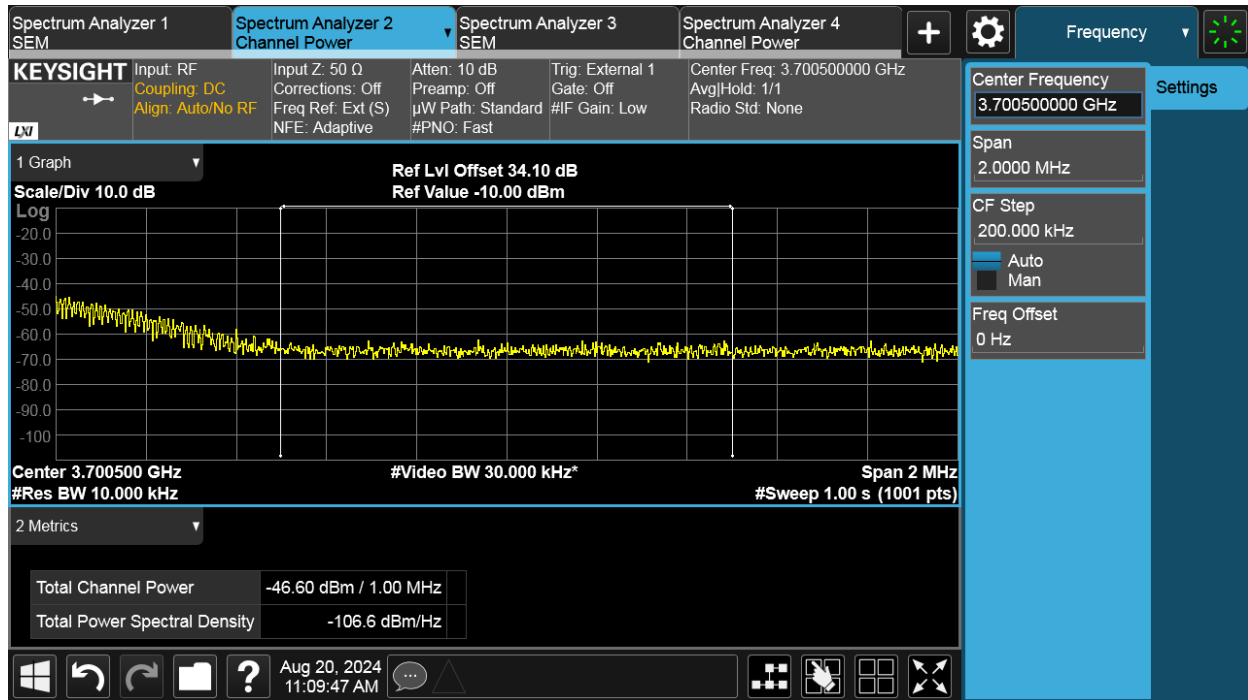
TEST REPORT



Channel Position T



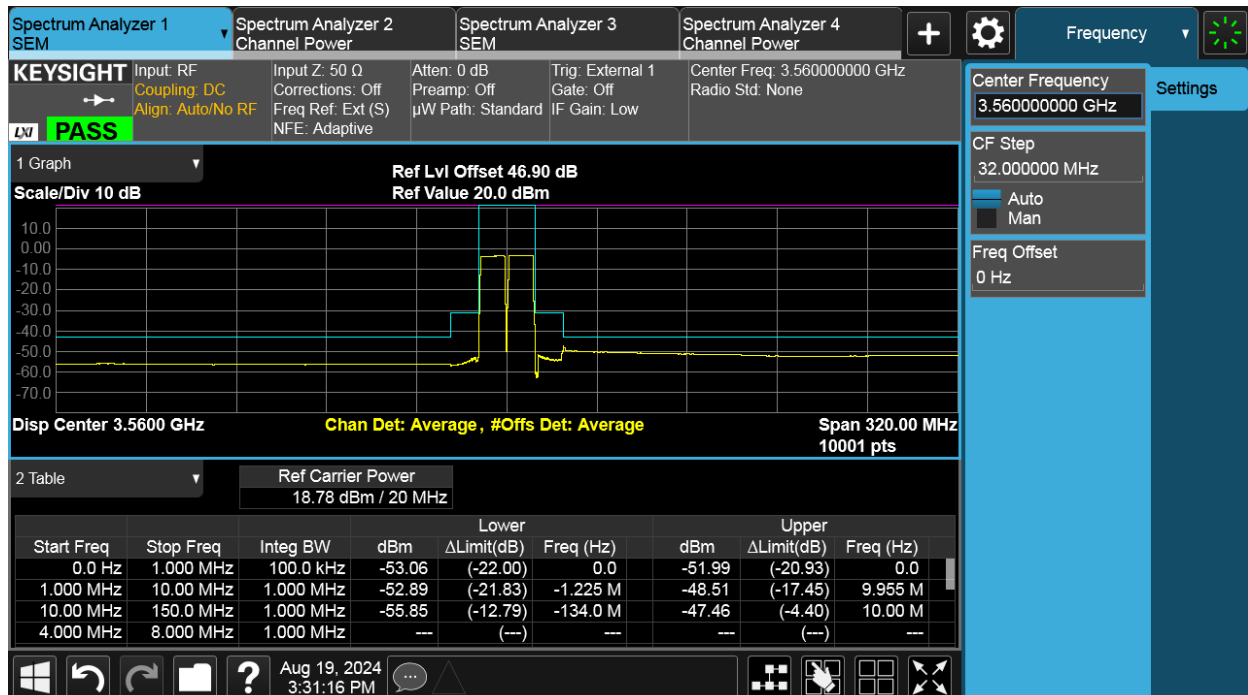
TEST REPORT



NR-2C-UE:

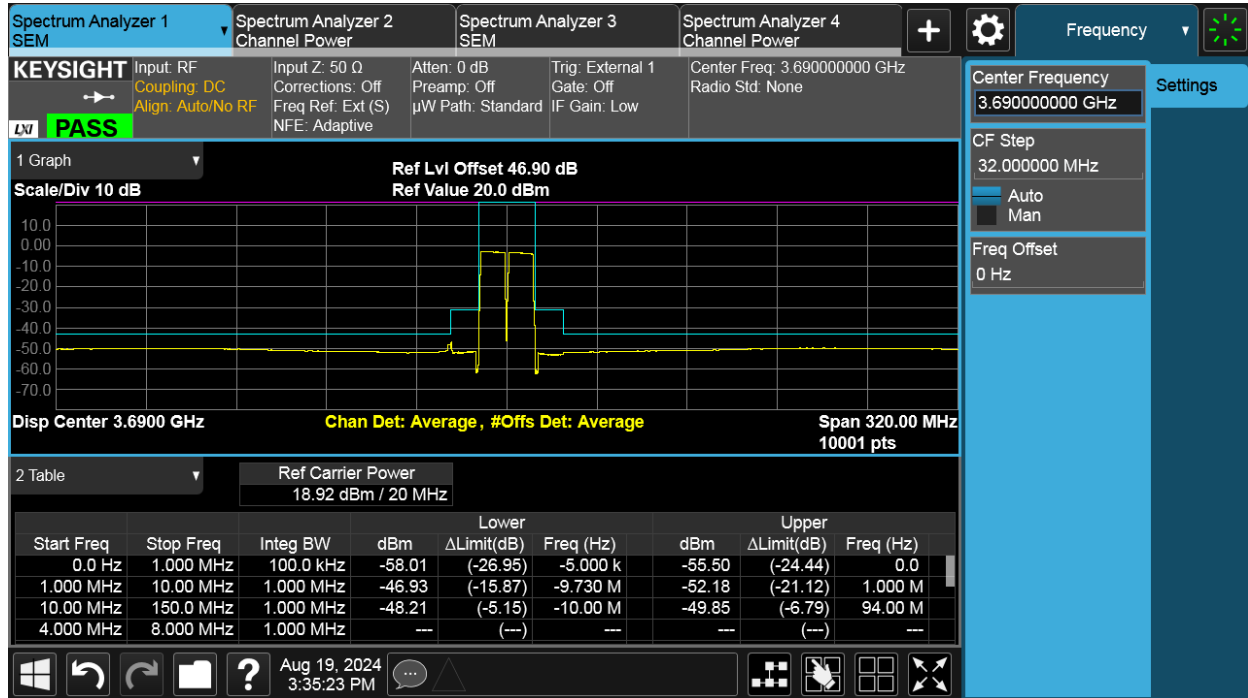
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	10	0-1	100	-31.06
36	B & T	QPSK	10	1-10	1000	-31.06
36	B & T	QPSK	10	>10	1000	-43.06

Channel Position B



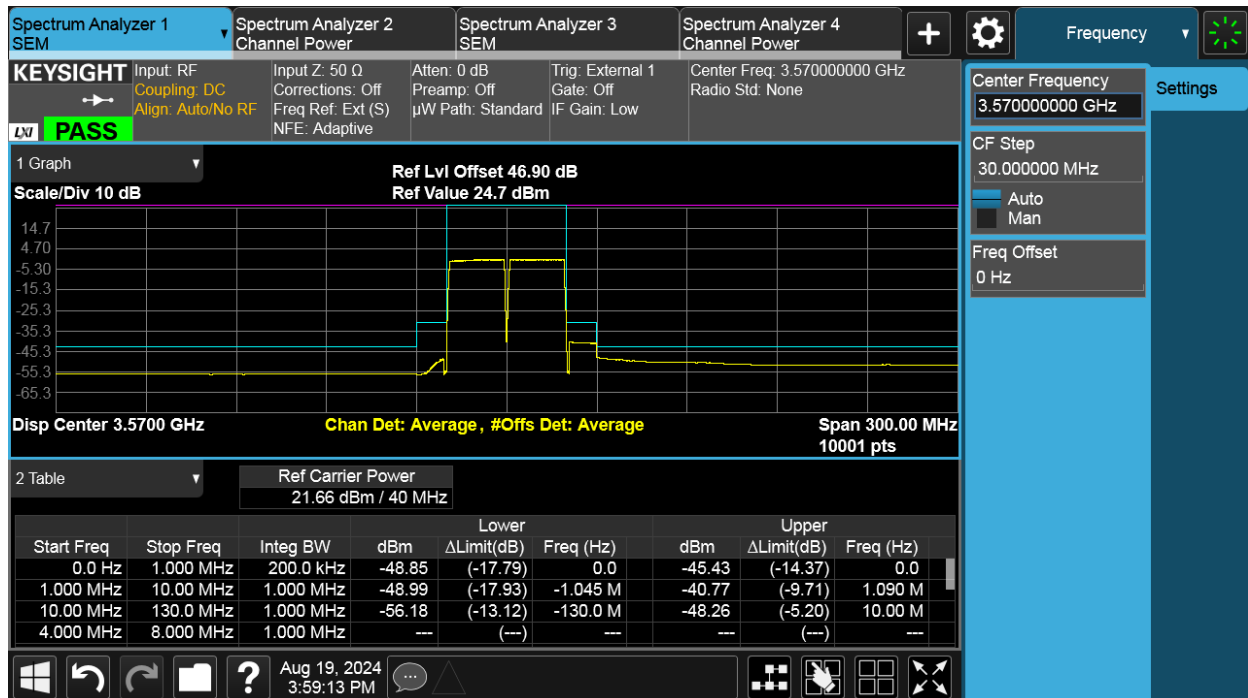
TEST REPORT

Channel Position T

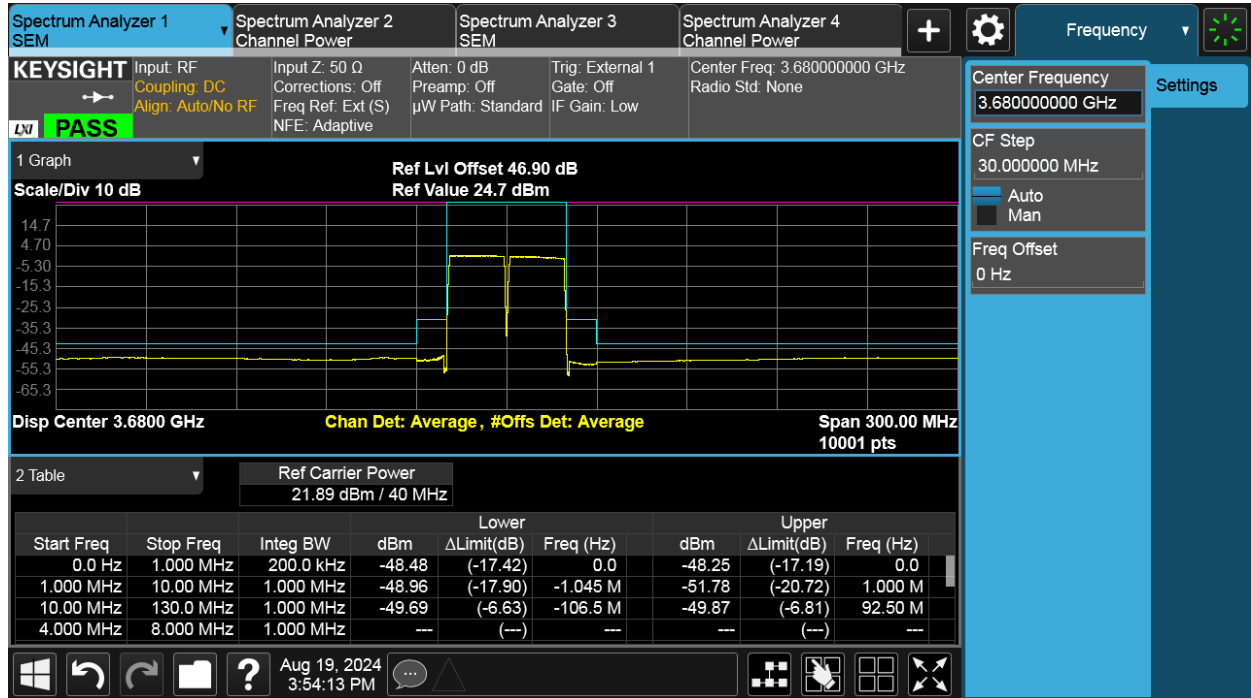


Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	20	0-1	200	-31.06
36	B & T	QPSK	20	1-10	1000	-31.06
36	B & T	QPSK	20	>10	1000	-43.06

Channel Position B

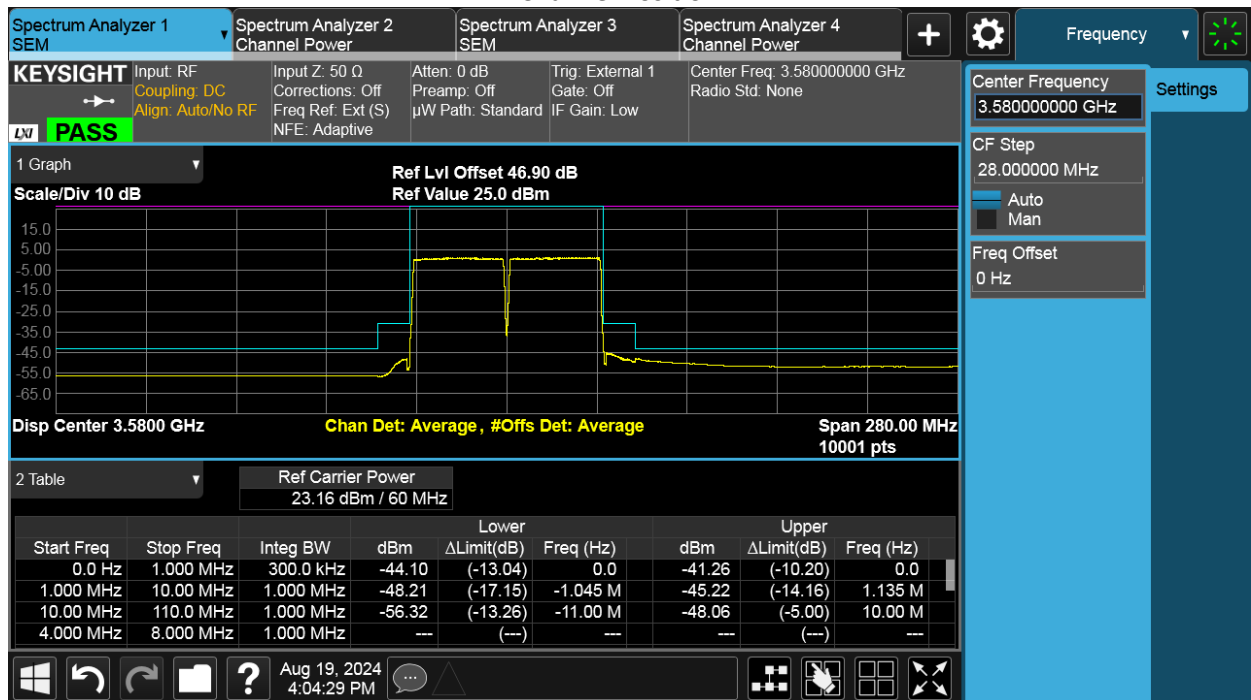


Channel Position T

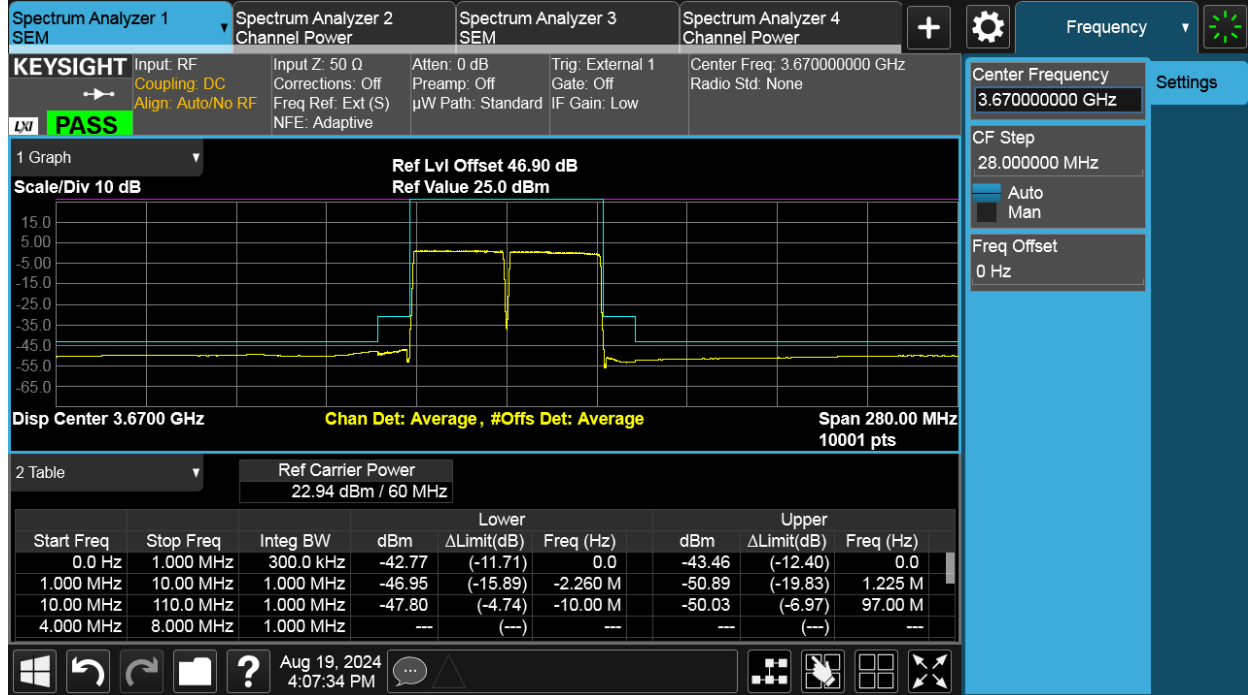


Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	30	0-1	300	-31.06
36	B & T	QPSK	30	1-10	1000	-31.06
36	B & T	QPSK	30	>10	1000	-43.06

Channel Position B

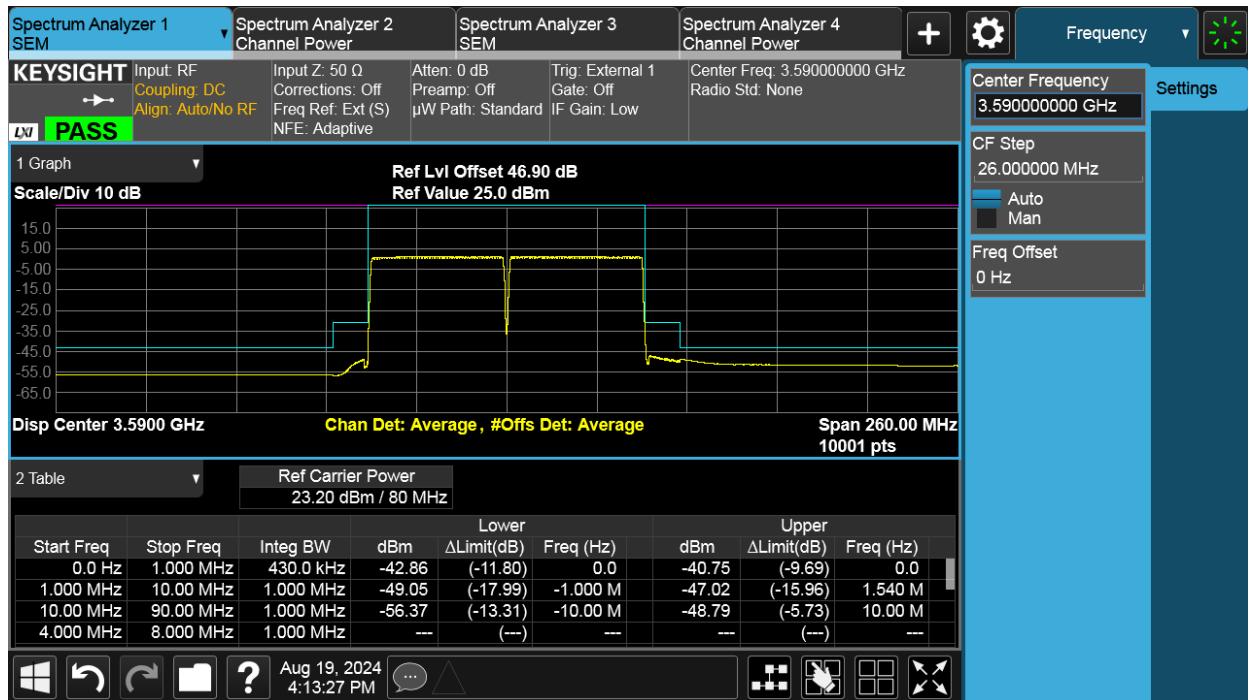


Channel Position T

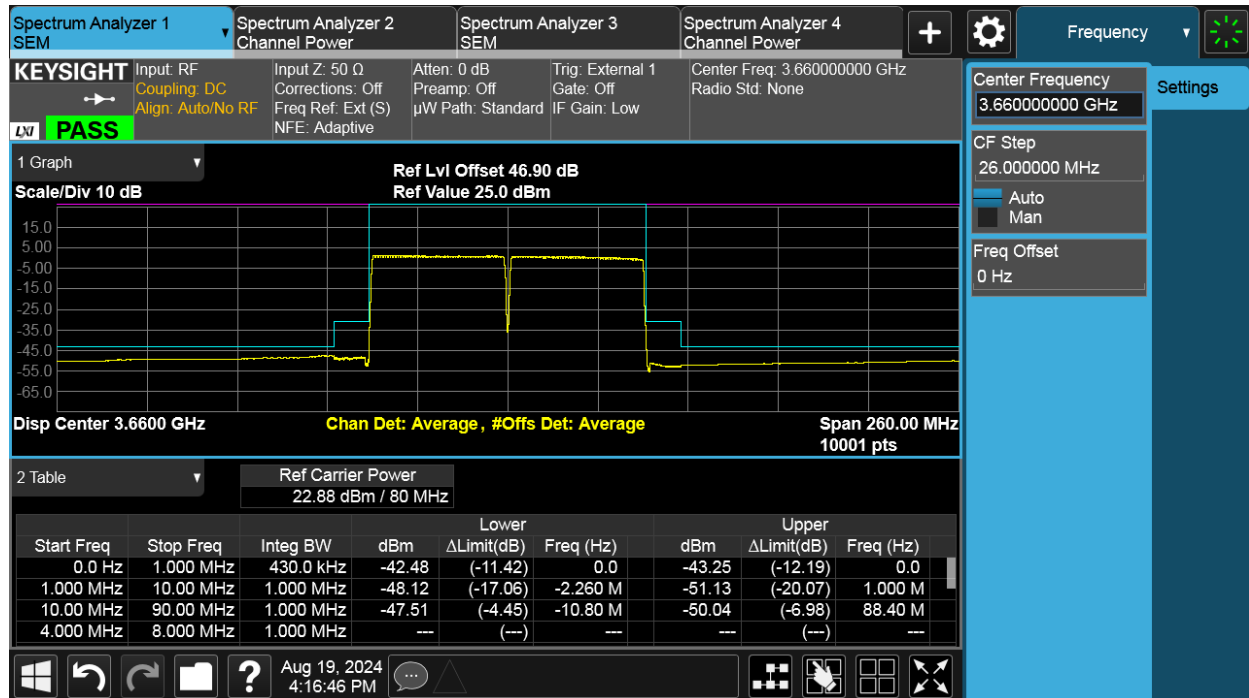


Antenna Port	Channel Position	Modulation	Channel BW (MHz)	Frequency Range (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	40	0-1	430	-31.06
36	B & T	QPSK	40	1-10	1000	-31.06
36	B & T	QPSK	40	>10	1000	-43.06

Channel Position B



Channel Position T



TEST REPORT**6 Conducted Unwanted Emission**

Test result: Pass

6.1 Limit

The conducted power of any emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz .

6.2 Measurement Procedure

All measurements were made according with KDB 971168 D01.

For MIMO mode configurations, the limit was adjusted with a correction of -18.06dB [$10\text{Log}(1/64)$] by using the Measure and Add $10\text{Log}(N)$ dB technique according to KDB 662911 D01 Multiple Transmitter Output accounting for simultaneous transmission from antenna ports .

The detector of the Spectrum analyzer was set as RMS, the RBW was set as 1MHz, the VBW was set as 3MHz.

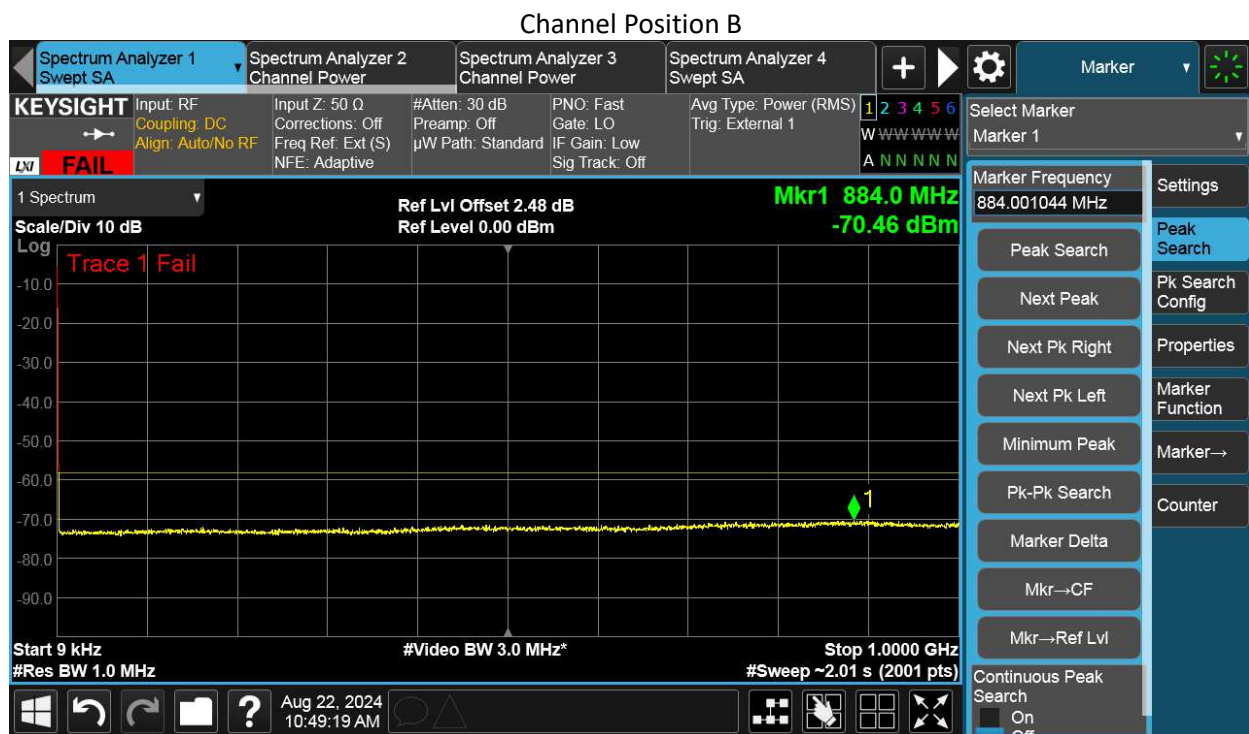
TEST REPORT

6.3 Measurement result

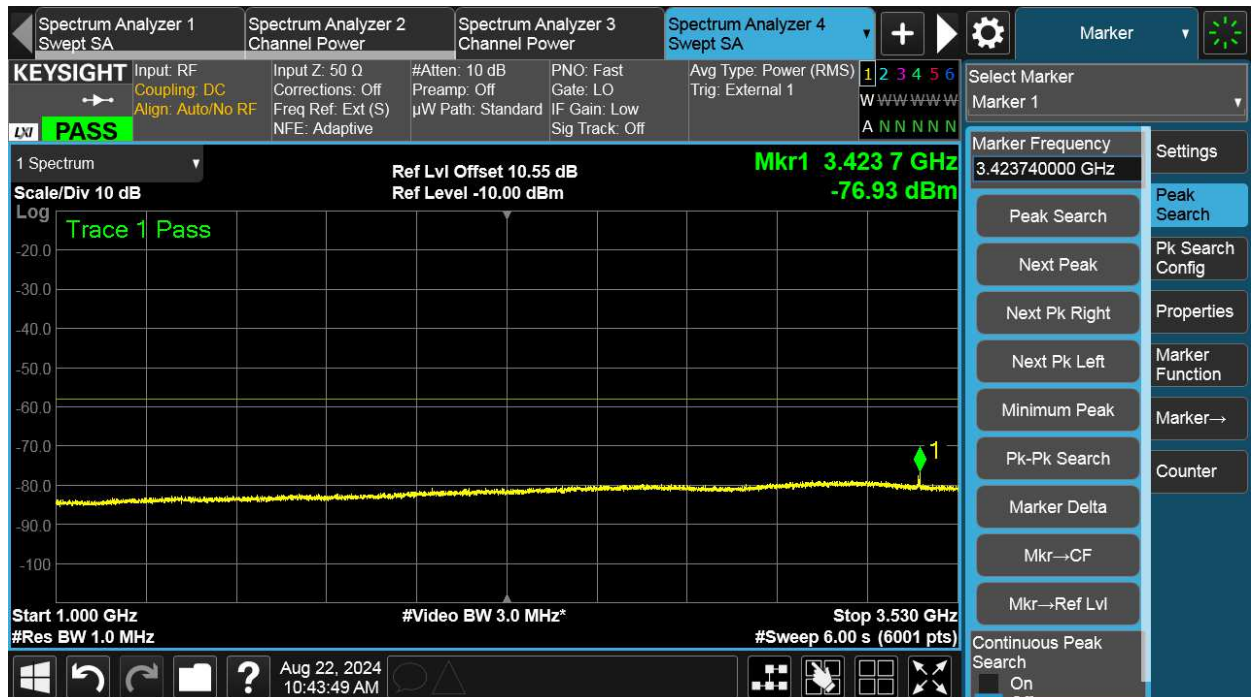
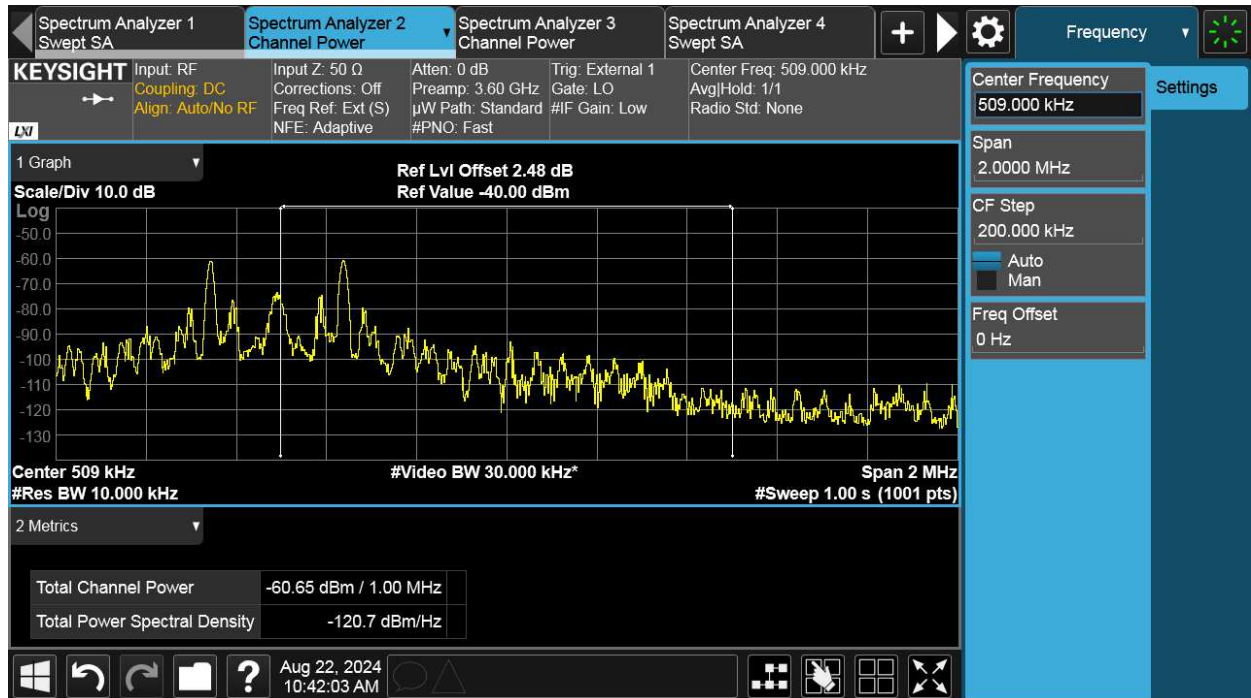
For 22.5dBi antenna config:

NR-1C-UE:

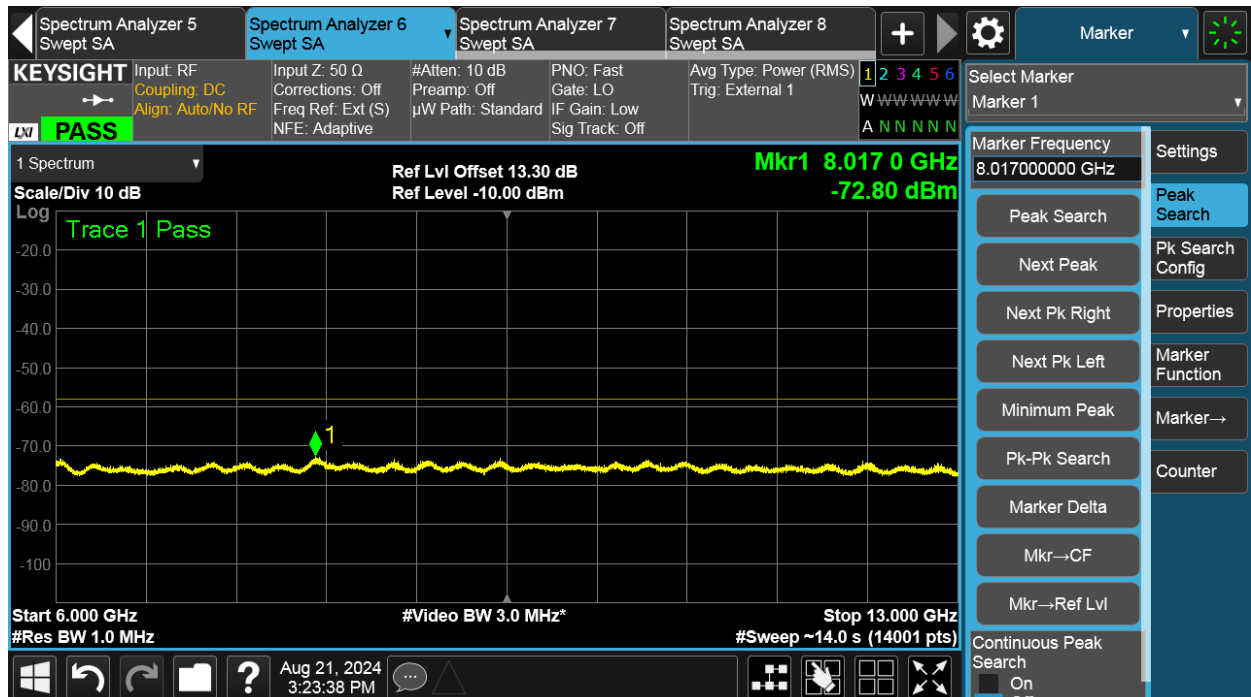
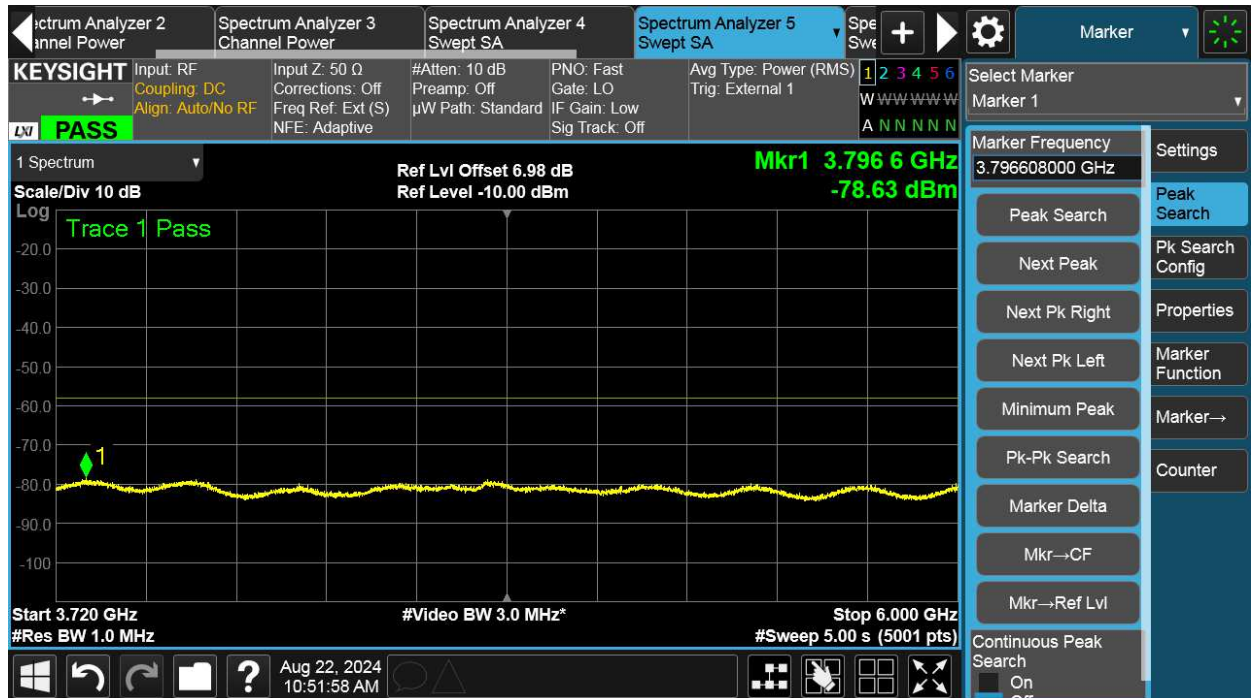
Antenna Port	Channel Position	Modulation	Channel BW (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	10	1000	-58.06

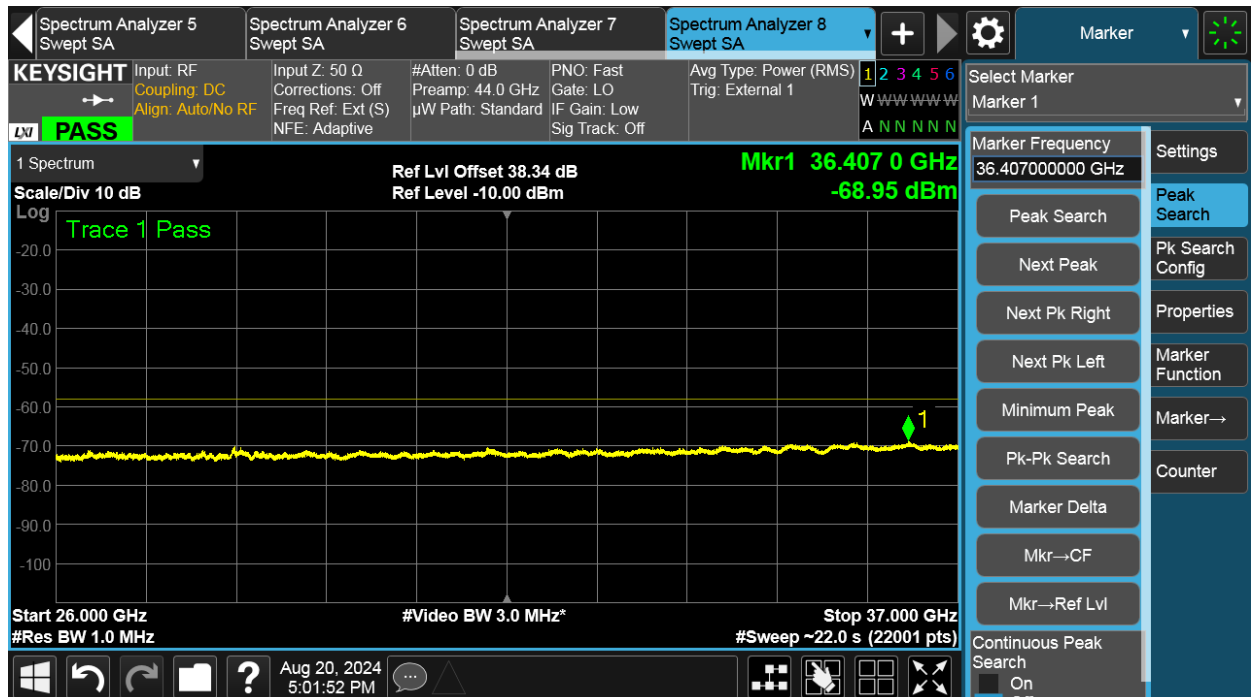
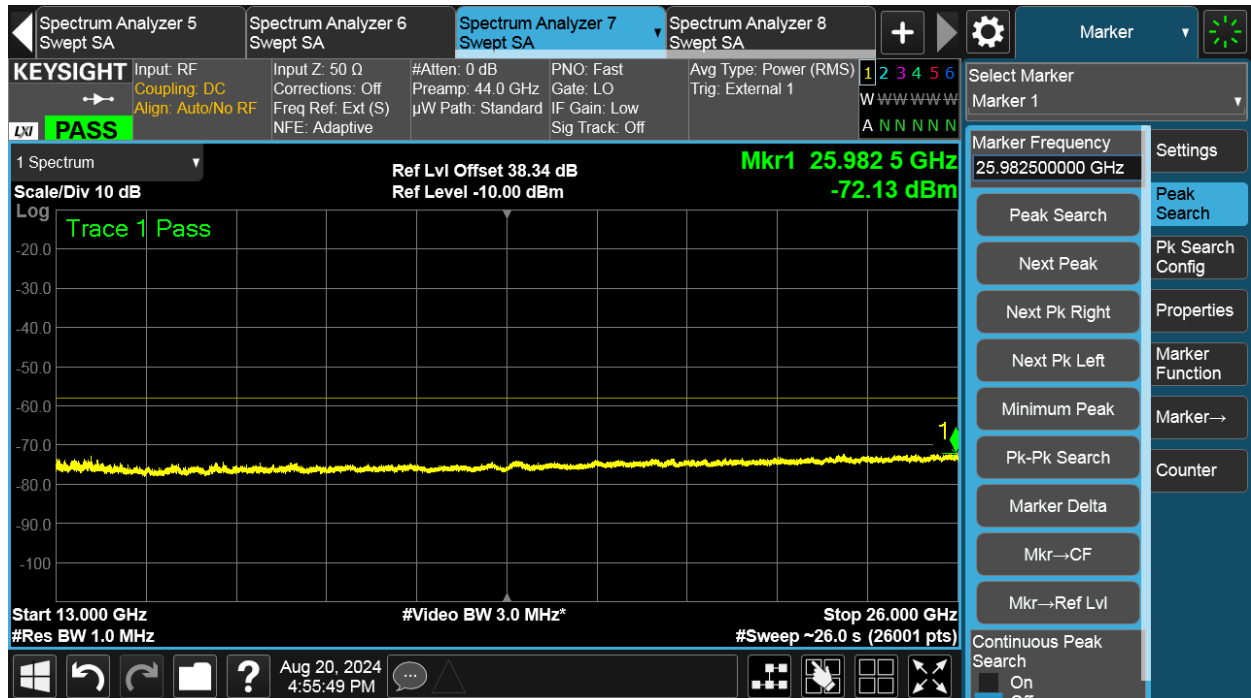


TEST REPORT

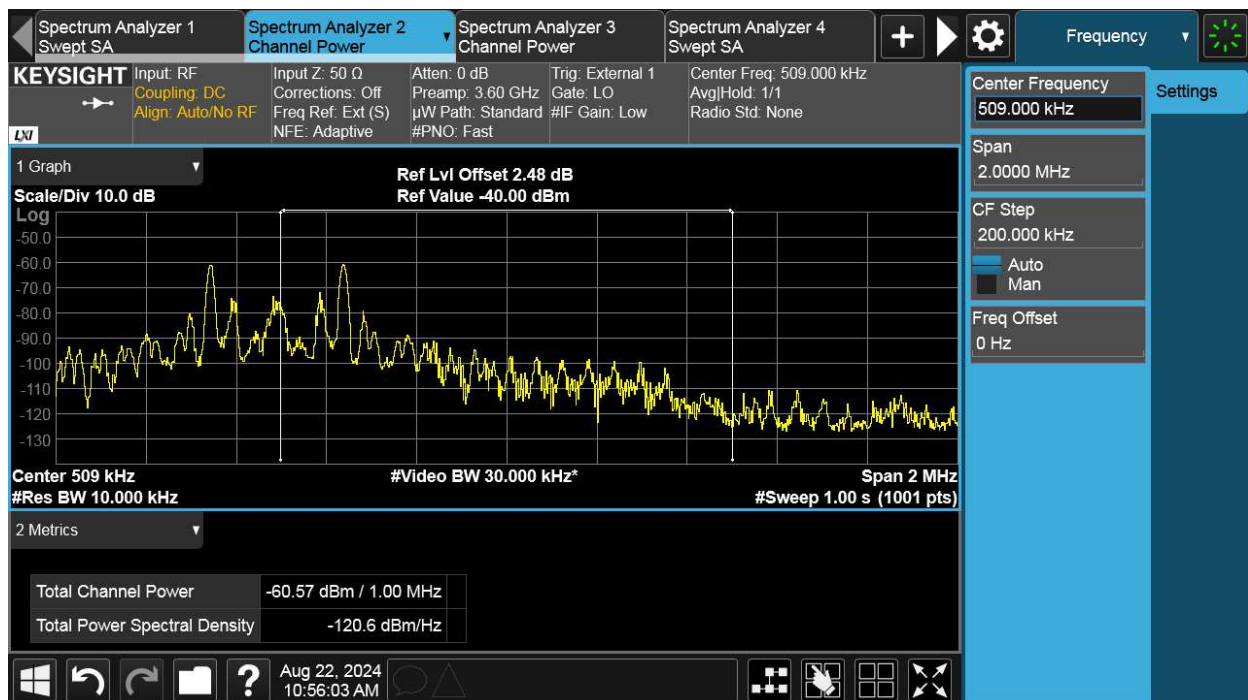
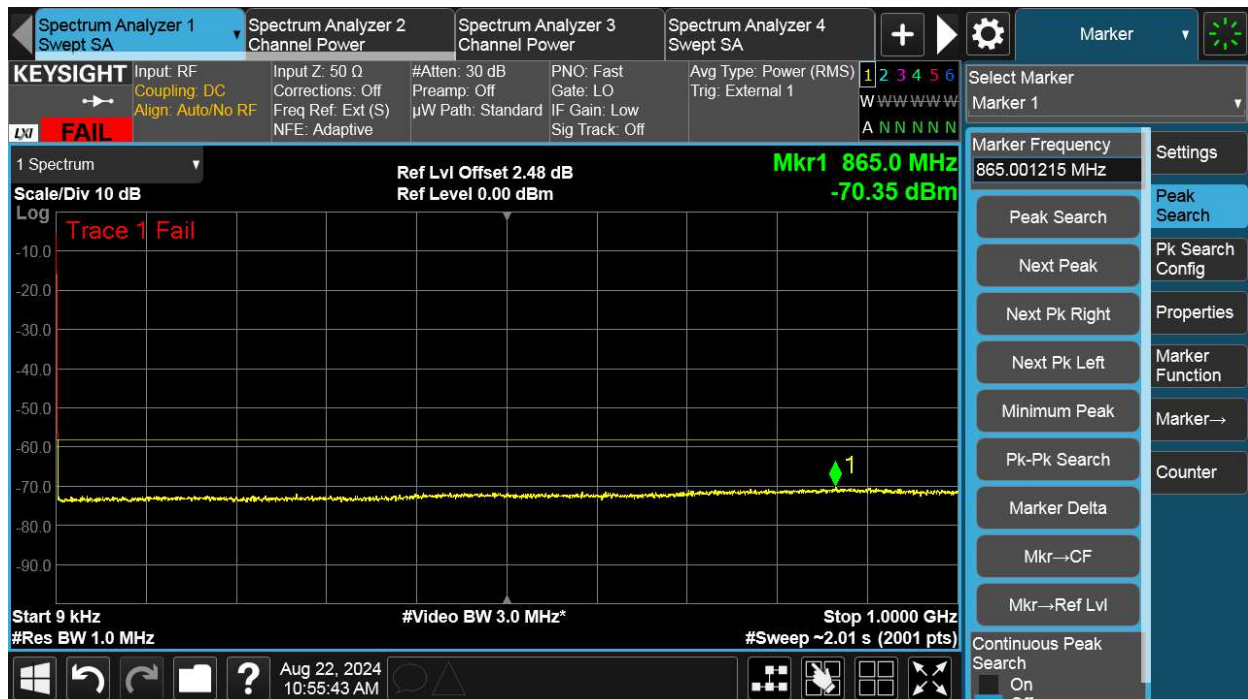


TEST REPORT

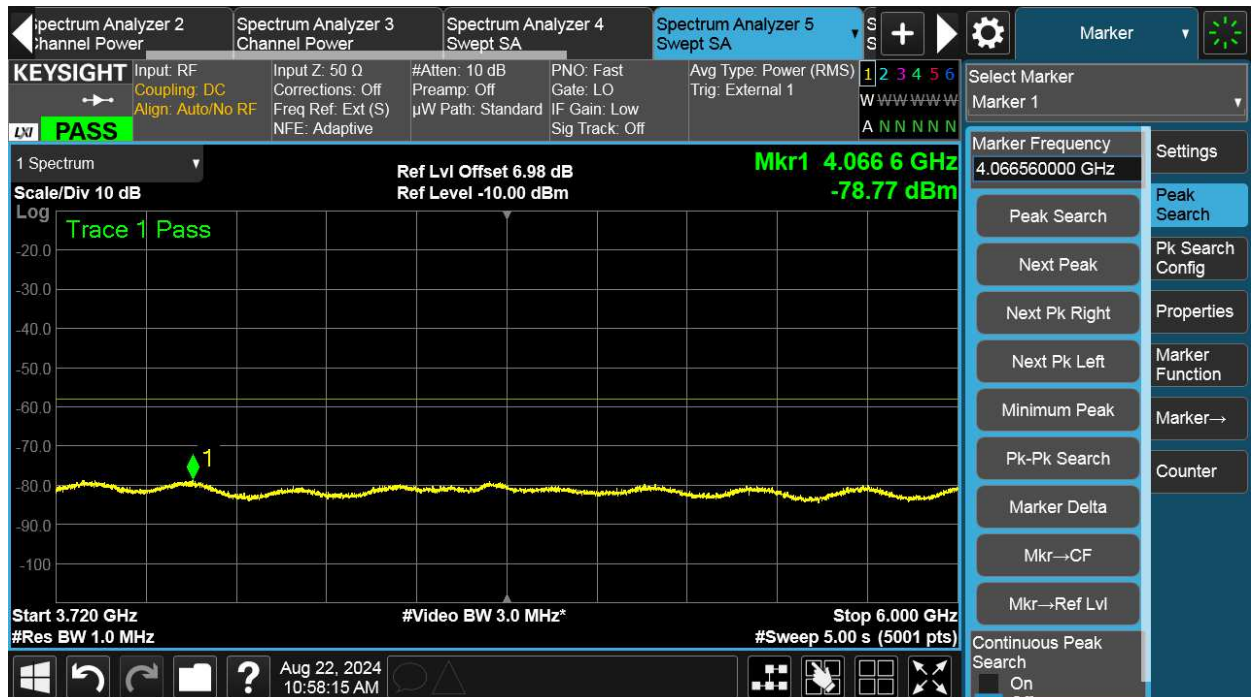
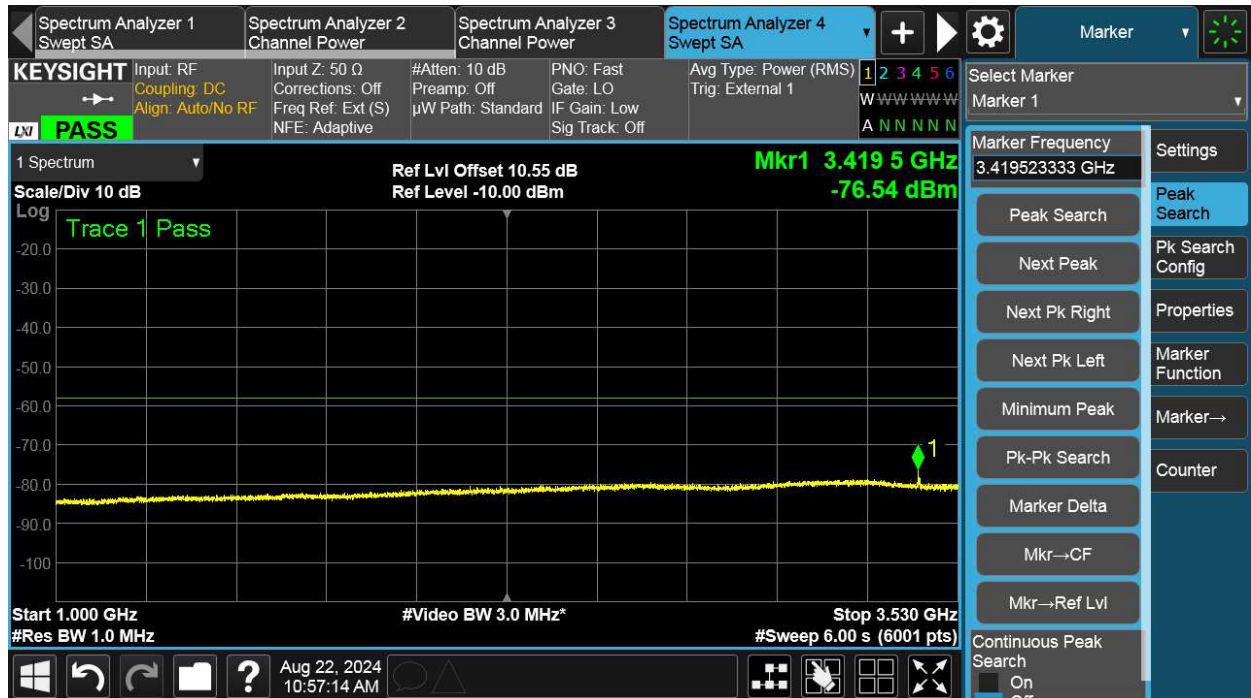


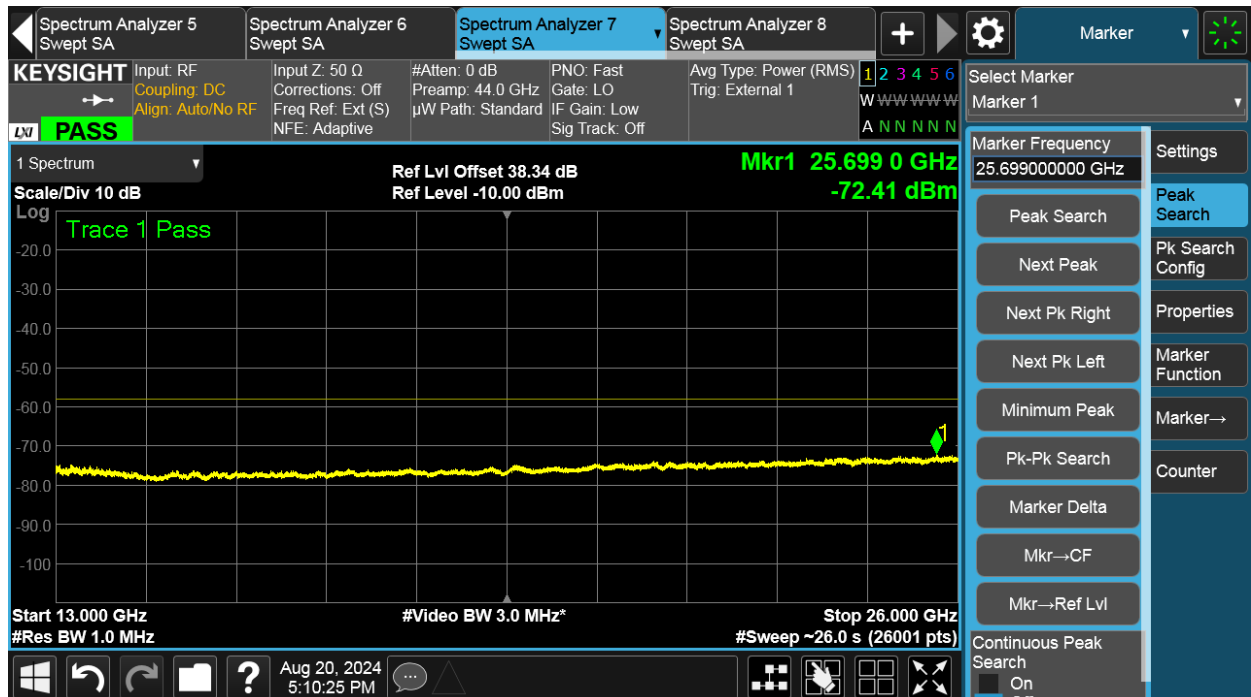
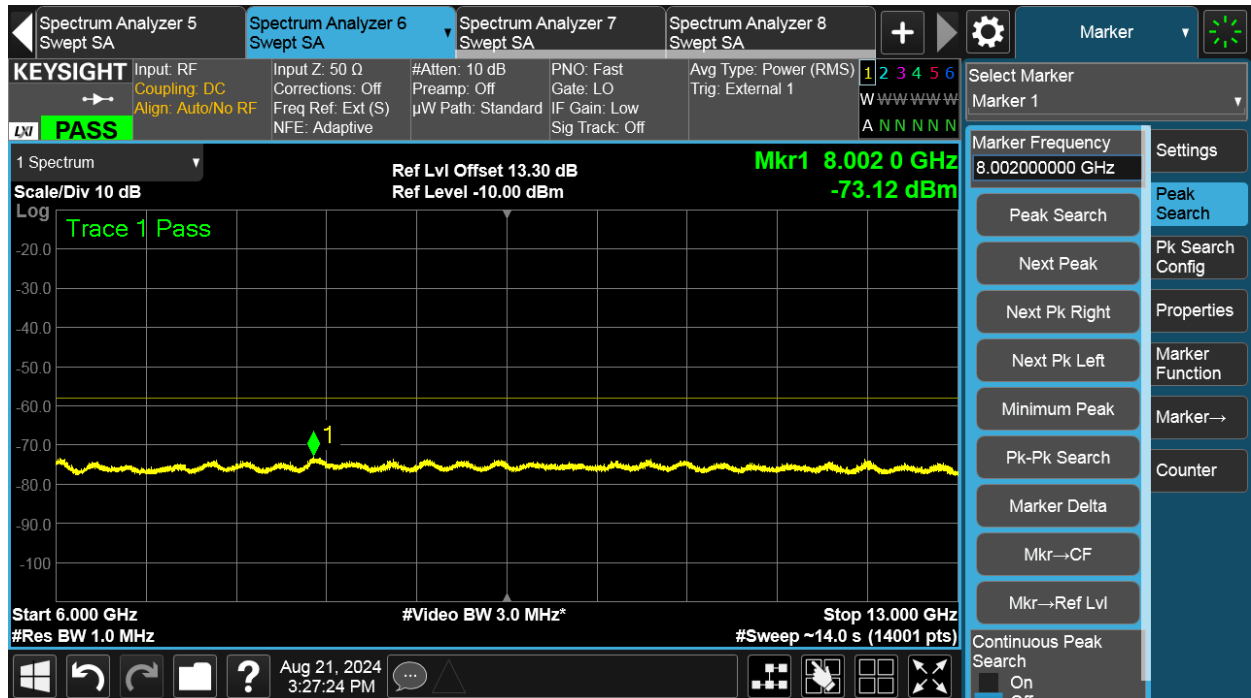


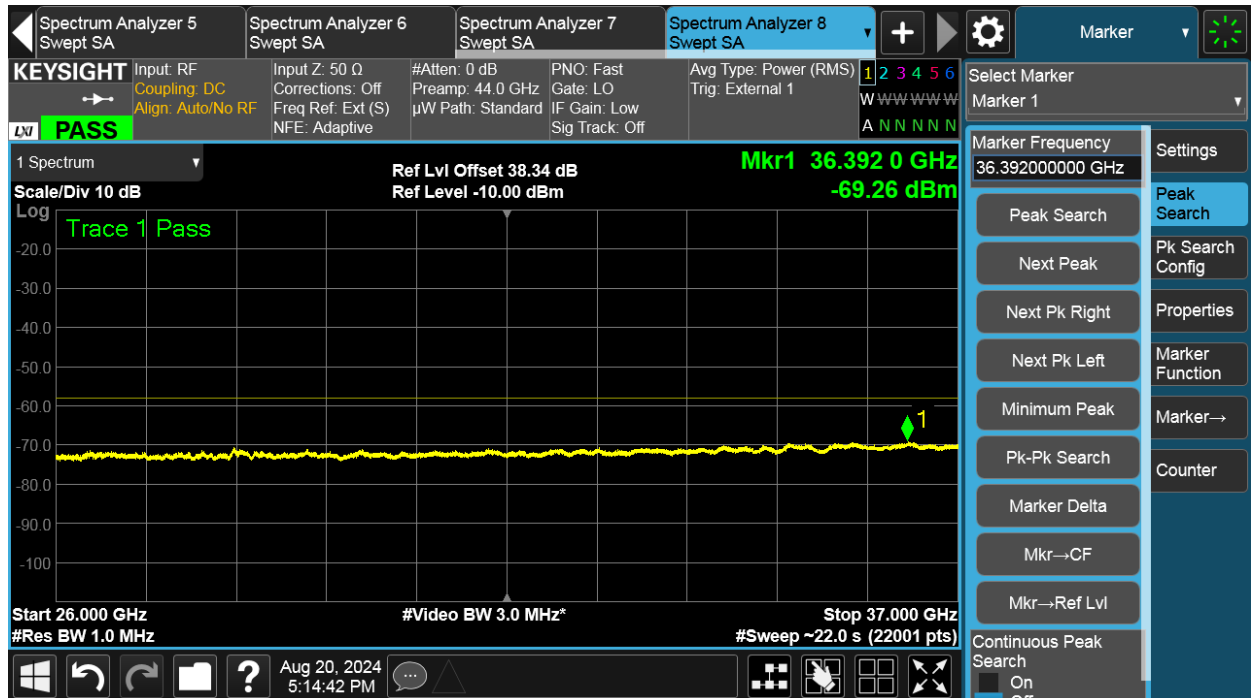
Channel Position T



TEST REPORT







Antenna Port	Channel Position	Modulation	Channel BW (MHz)	RBW (kHz)	Limit (dBm)
36	B & T	QPSK	50	1000	-58.06

Channel Position B

