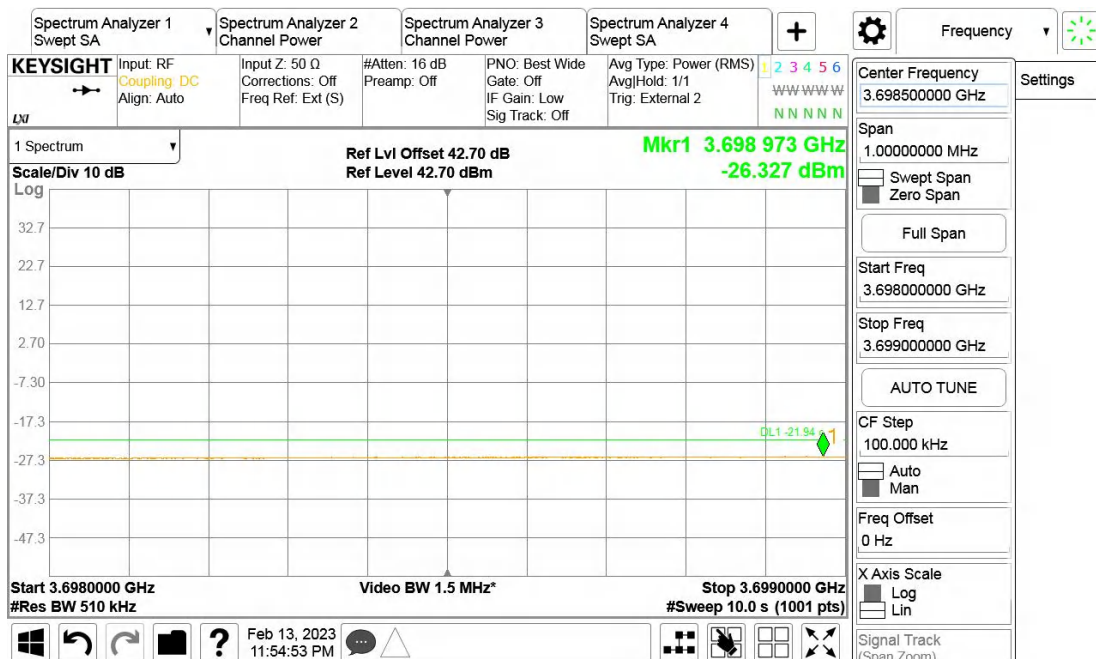
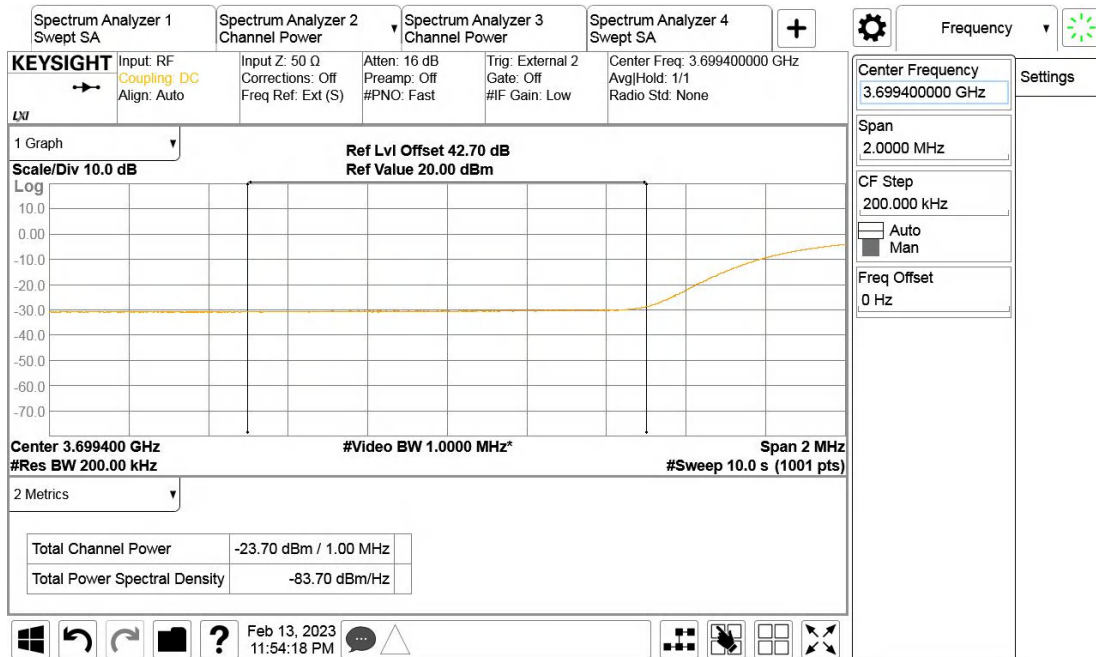


Channel Position T

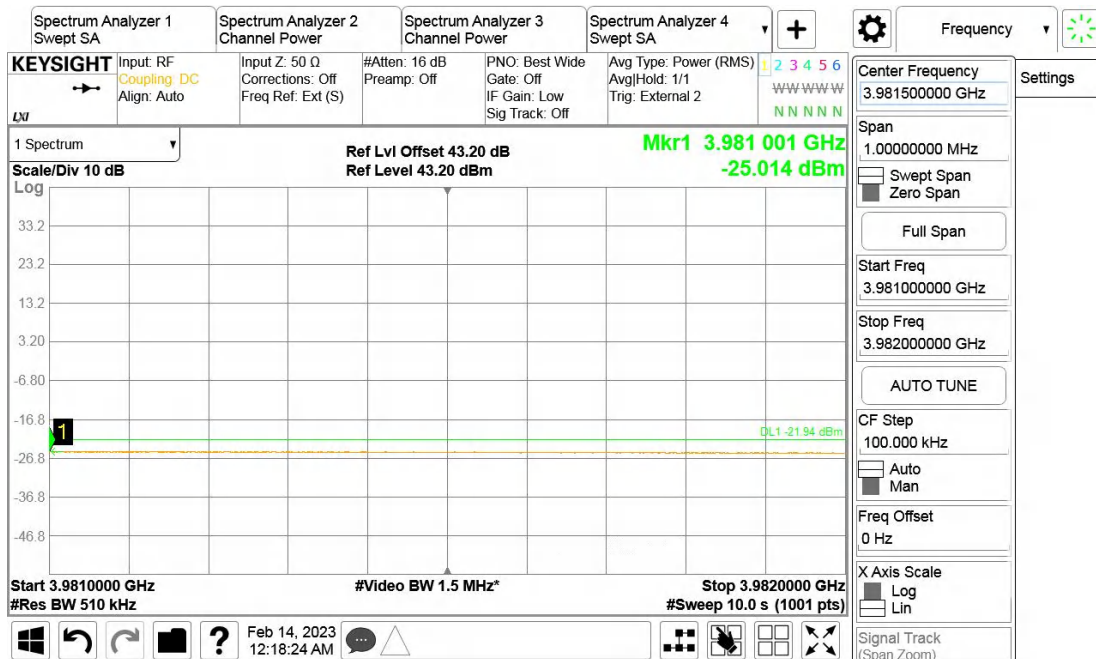
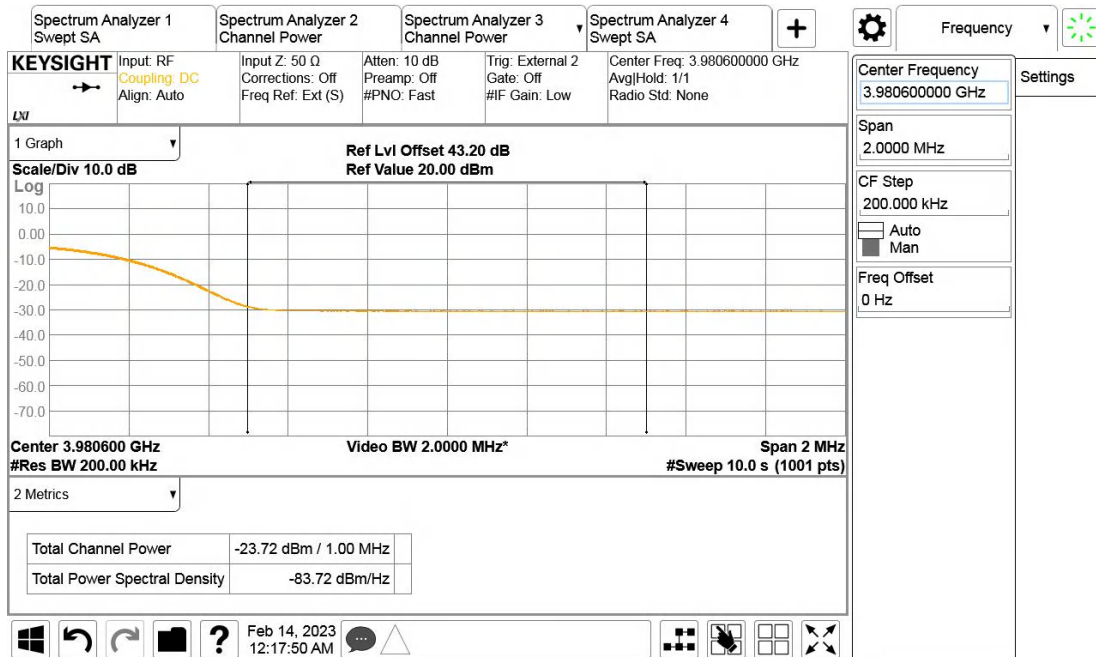
Configuration NR-MIMO-3C-UE

Antenna Port	Channel Position	Modulation	Carrier Bandwidth (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
B	B	64QAM	20	3699-3700	200	-19.02
				3698-3699	510	-21.94
	T	64QAM	20	3980-3981	200	-19.02
				3981-3982	510	-21.94

Test figure as below:



Channel Position B

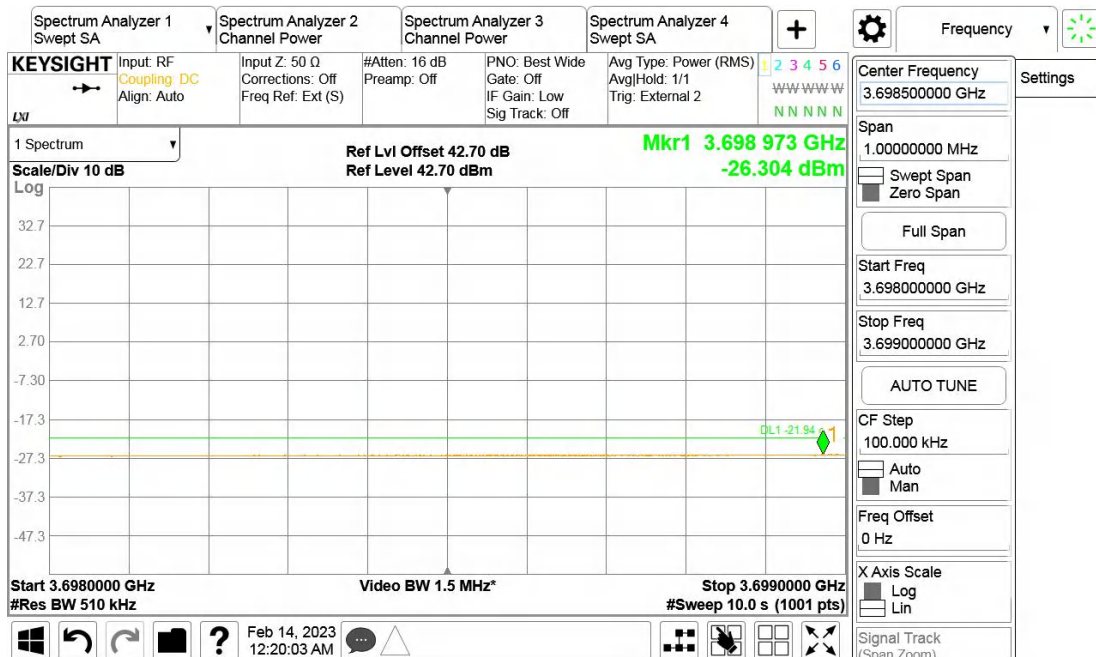
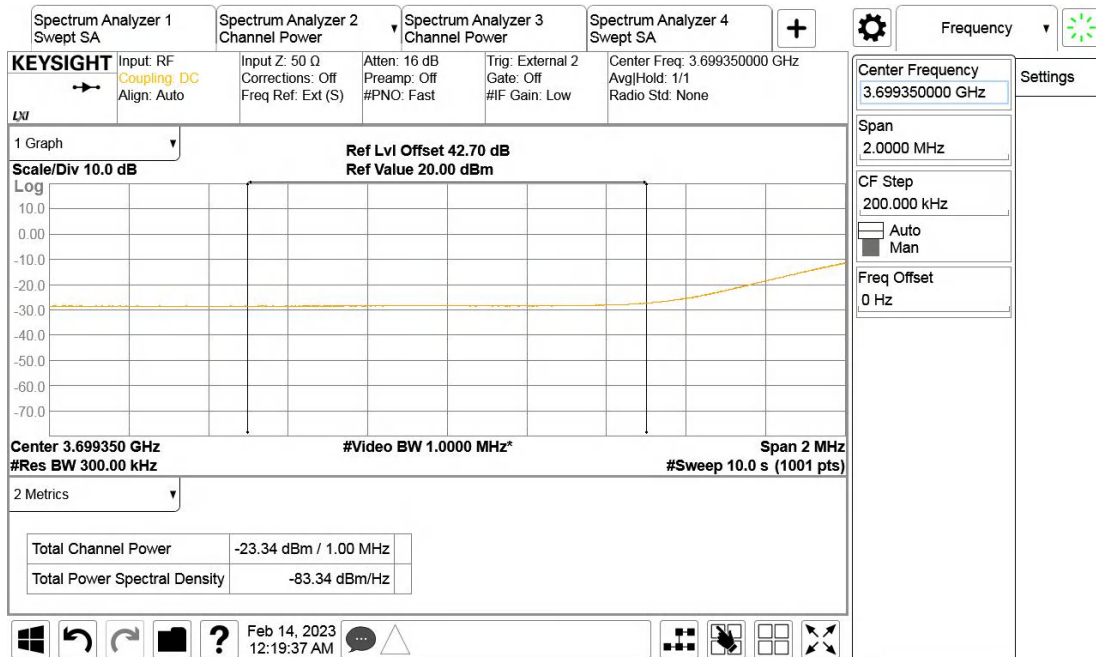


Channel Position T

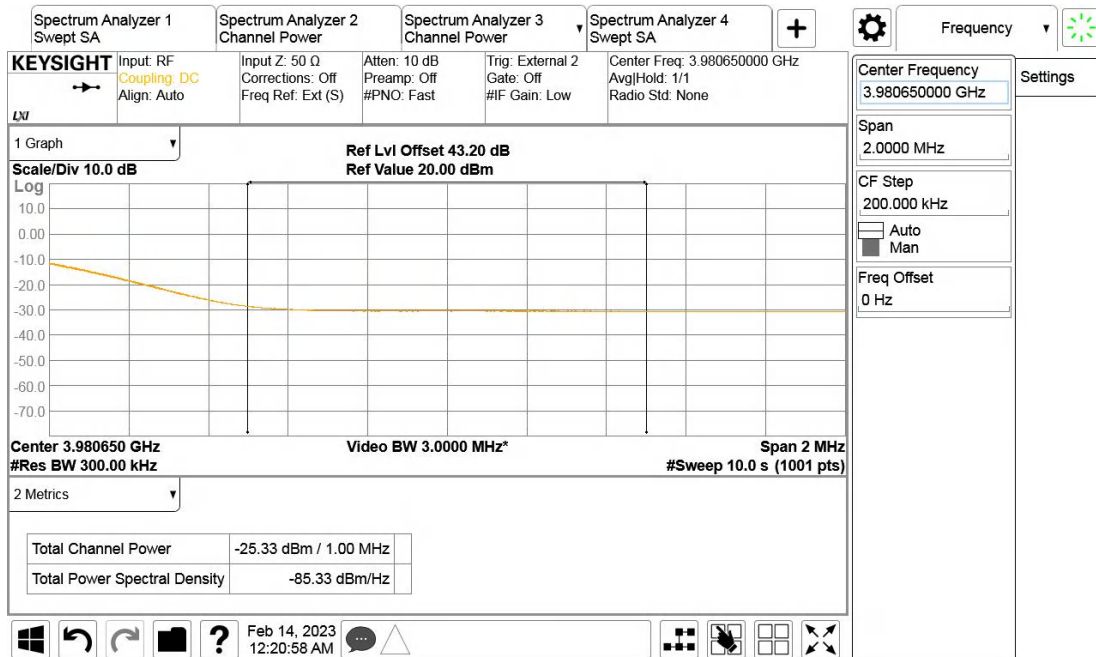
Configuration NR-MIMO-3C-UE

Antenna Port	Channel Position	Modulation	Carrier Bandwidth (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
B	B	64QAM	30	3699-3700	300	-19.02
				3698-3699	510	-21.94
	T	64QAM	30	3980-3981	300	-19.02
				3981-3982	510	-21.94

Test figure as below:



Channel Position B

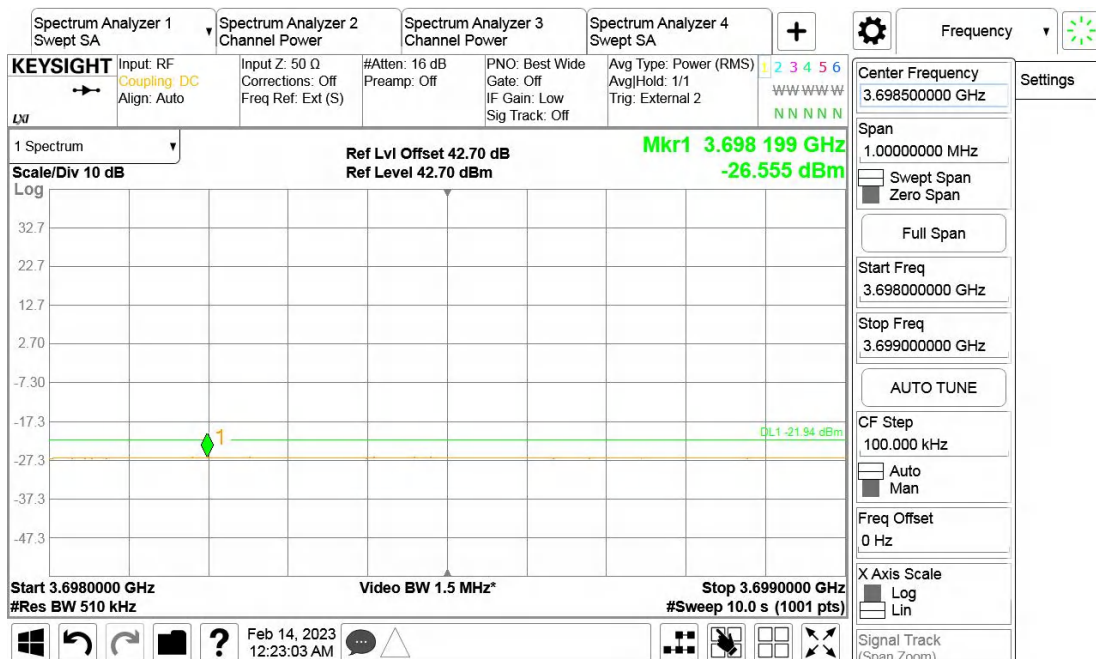
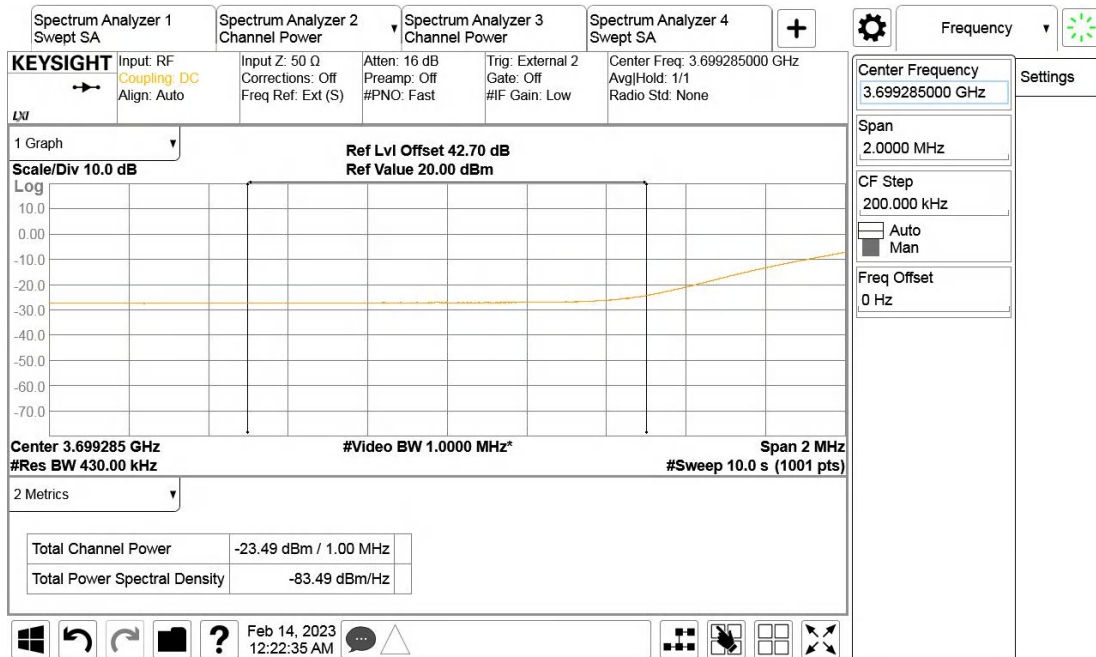


Channel Position T

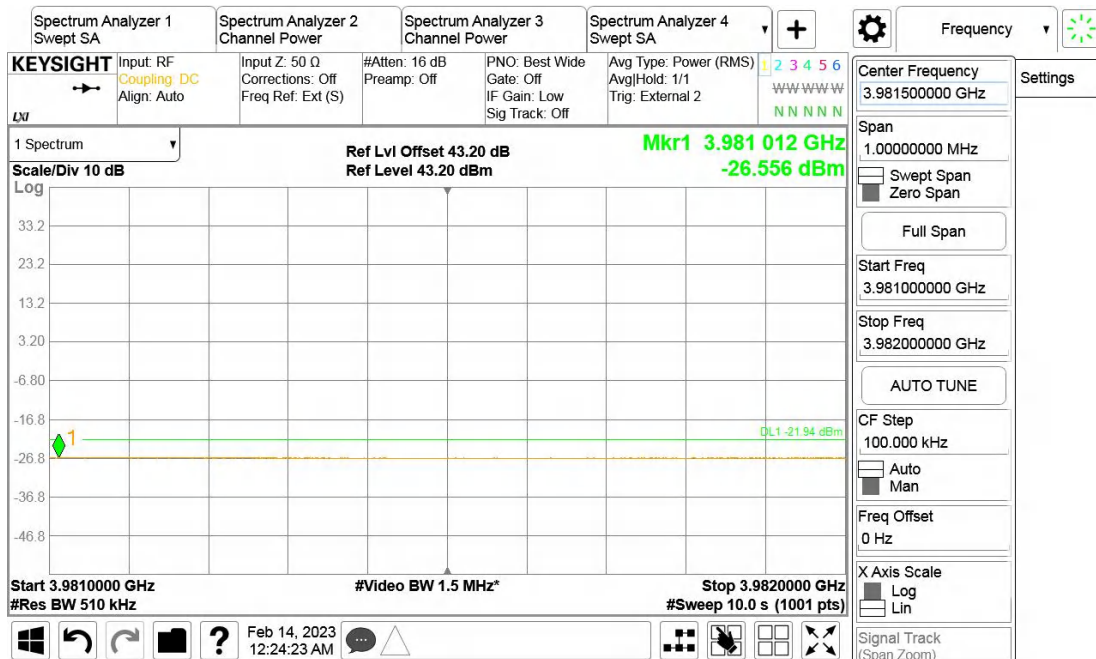
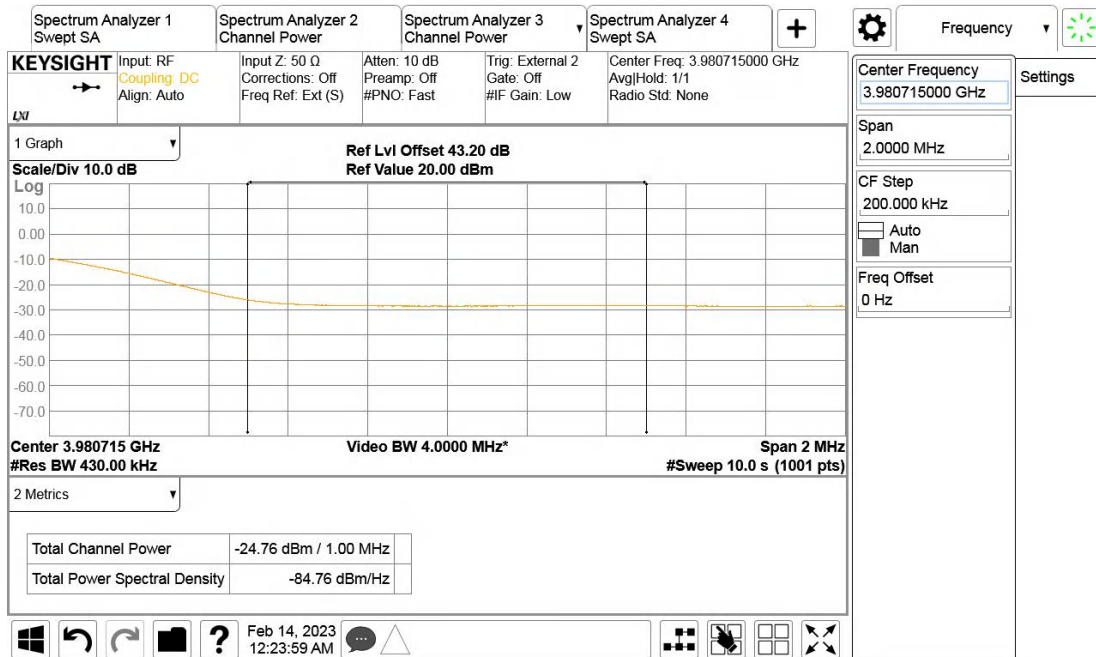
Configuration NR-MIMO-3C-UE

Antenna Port	Channel Position	Modulation	Carrier Bandwidth (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
B	B	64QAM	40	3699-3700	430	-19.02
				3698-3699	510	-21.94
	T	64QAM	40	3980-3981	430	-19.02
				3981-3982	510	-21.94

Test figure as below:



Channel Position B

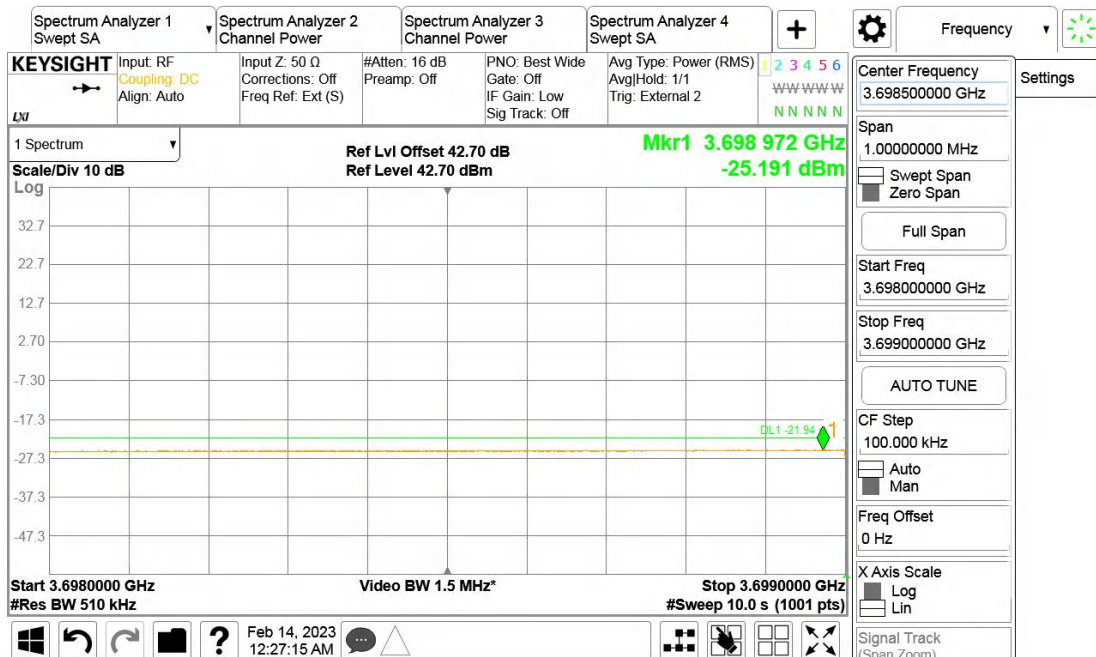
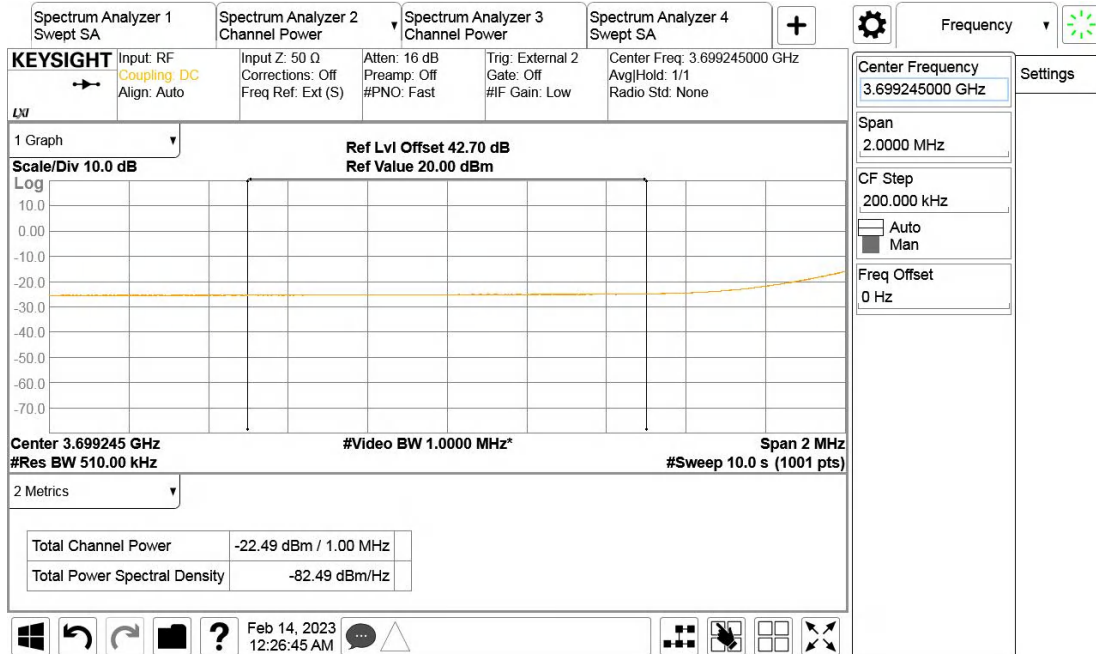


Channel Position T

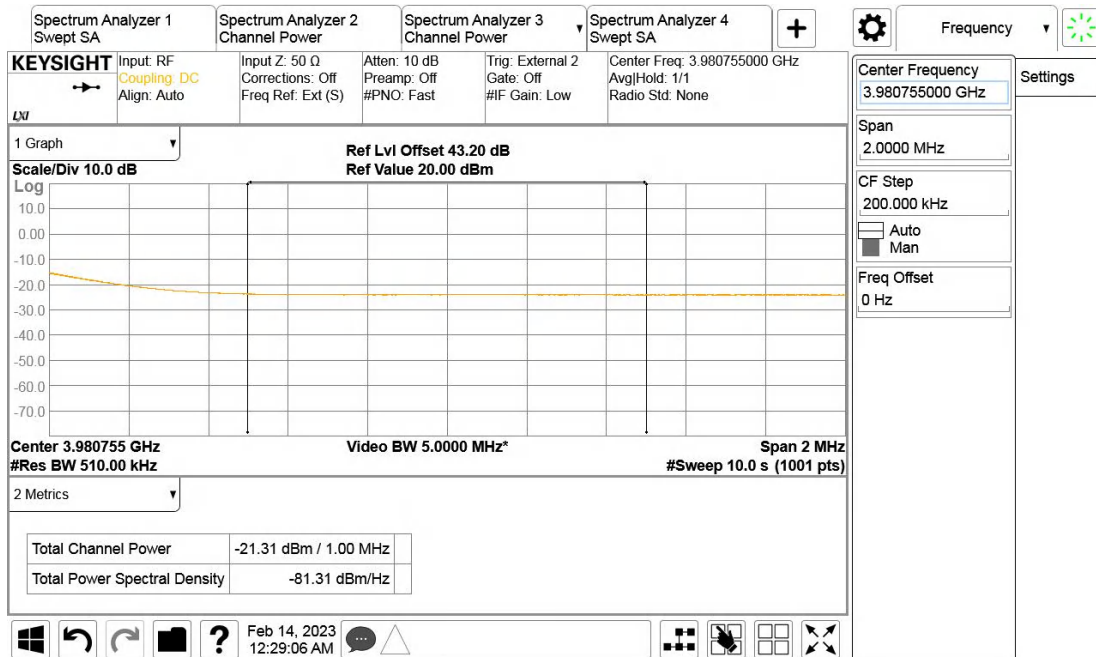
Configuration NR-MIMO-3C-UE

Antenna Port	Channel Position	Modulation	Carrier Bandwidth (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
B	B	64QAM	50	3699-3700	510	-19.02
				3698-3699	510	-21.94
	T	64QAM	50	3980-3981	510	-19.02
				3981-3982	510	-21.94

Test figure as below:



Channel Position B

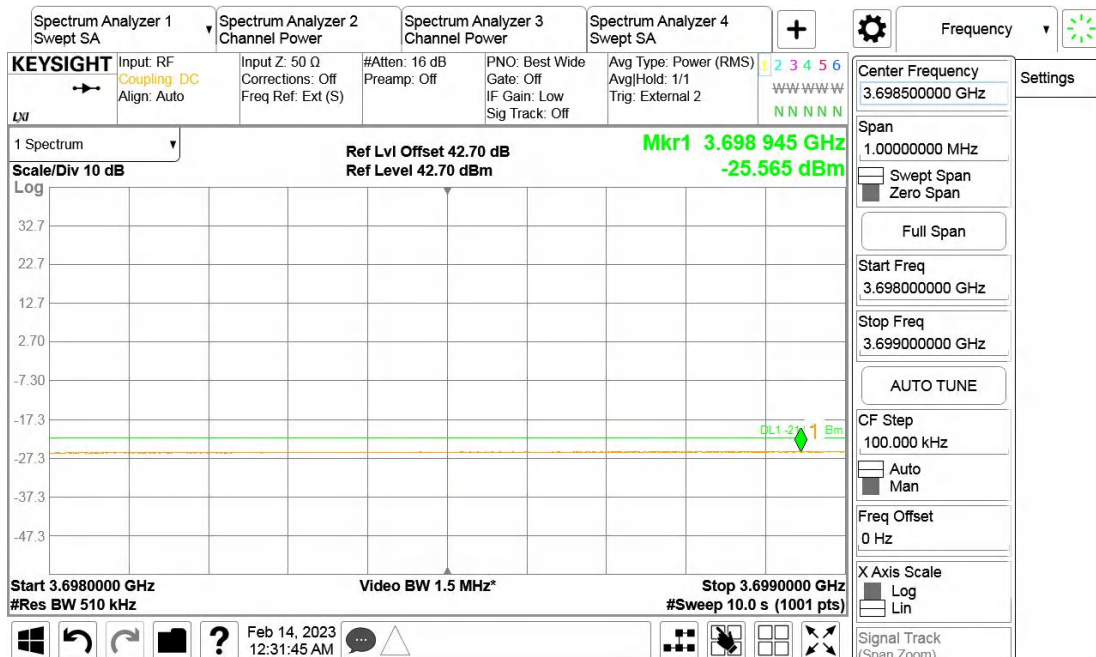
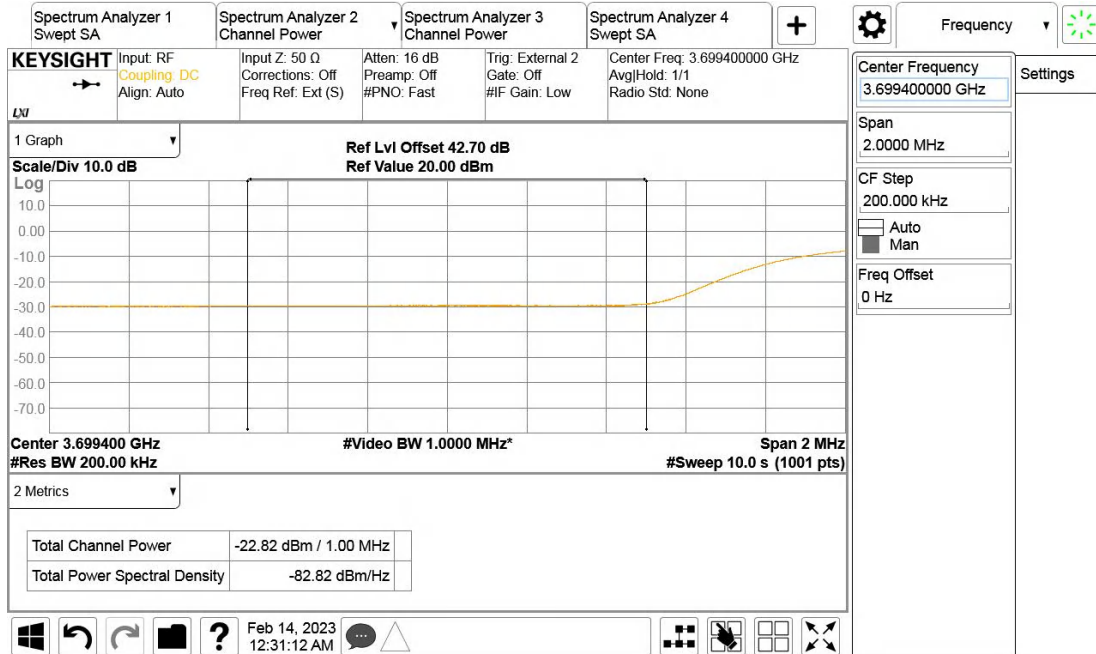


Channel Position T

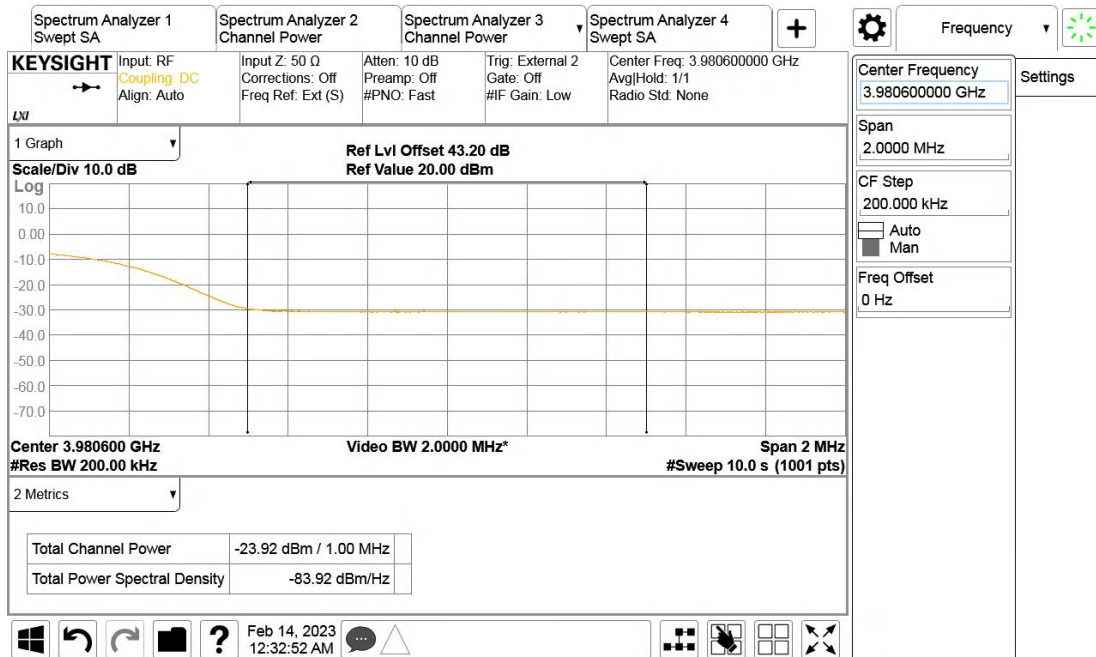
Configuration NR-MIMO-6C-UE

Antenna Port	Channel Position	Modulation	Carrier Bandwidth (MHz)	Frequency range (MHz)	RBW (kHz)	Limit (dBm)
B	B	64QAM	20	3699-3700	200	-19.02
				3698-3699	510	-21.94
	T	64QAM	20	3980-3981	200	-19.02
				3981-3982	510	-21.94

Test figure as below:



Channel Position B



Channel Position T

9.4 Conducted Unwanted Emissions

Specification:	FCC Part 27.53 (l)(n)
Test Results:	Pass

9.4.1 Definitions and Limit

According to Part 27.53 (n):

The following emission limits apply to stations transmitting in the 3450-3550 MHz band:

(1) For base station operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. the conducted power of any emission below 3440 MHz or above 3560 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3430 MHz or above 3570 MHz shall not exceed -40 dBm/MHz.

According to Part 27.53 (l):

The following emission limits apply to stations transmitting in the 3700-3980 MHz band:

(1) For base station operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz.

9.3.2 Method of Measurements:

For 3450-3550 MHz band:

The conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. In the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. Notwithstanding the channel edge requirement of -13 dBm per megahertz, for base station operations in the 3450-3550 MHz band, the conducted power of any emission below 3440 MHz or above 3560 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3430 MHz or above 3570 MHz shall not exceed -40 dBm/MHz.

For 3700-3980 MHz band:

the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed -13 dBm/MHz. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed.

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.

Spectrum analyzer detector was set as RMS.

Note: For 3450-3550 MHz band, the conducted power of any emission below 3440 MHz or above 3560 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3430 MHz or above 3570 MHz shall not exceed -40 dBm/MHz. However, as the test link is the same, the conducted unwanted emissions below 3440MHz or above 3560MHz are tested together.

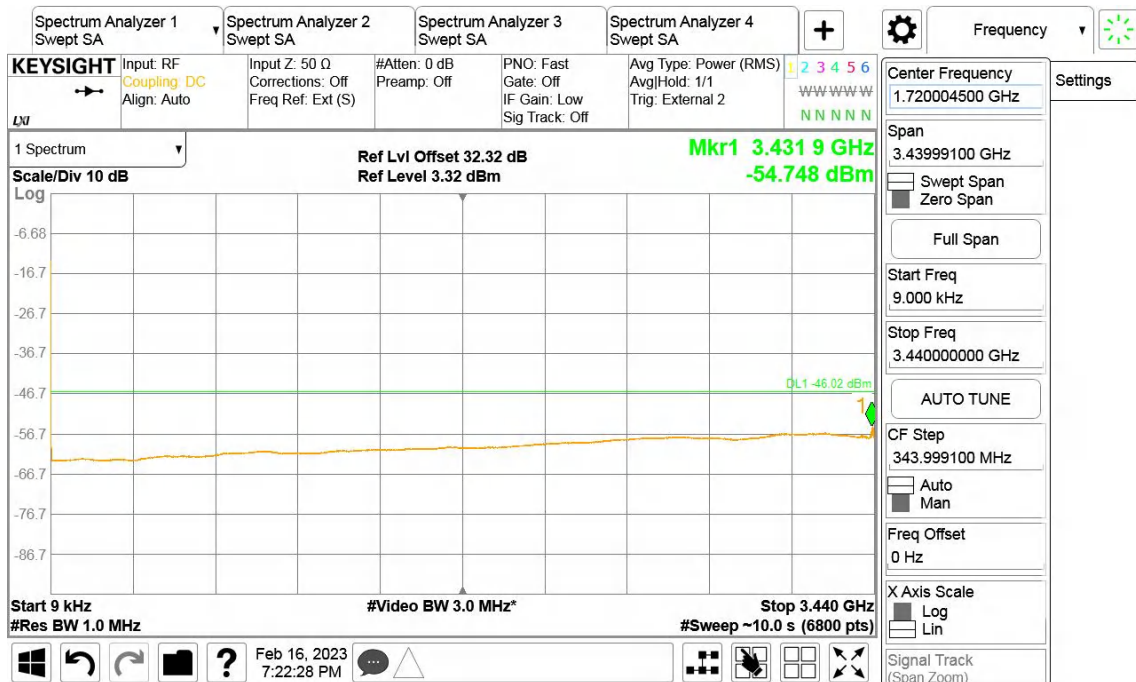
9.4.3 Measurement result

B77G NR mode:

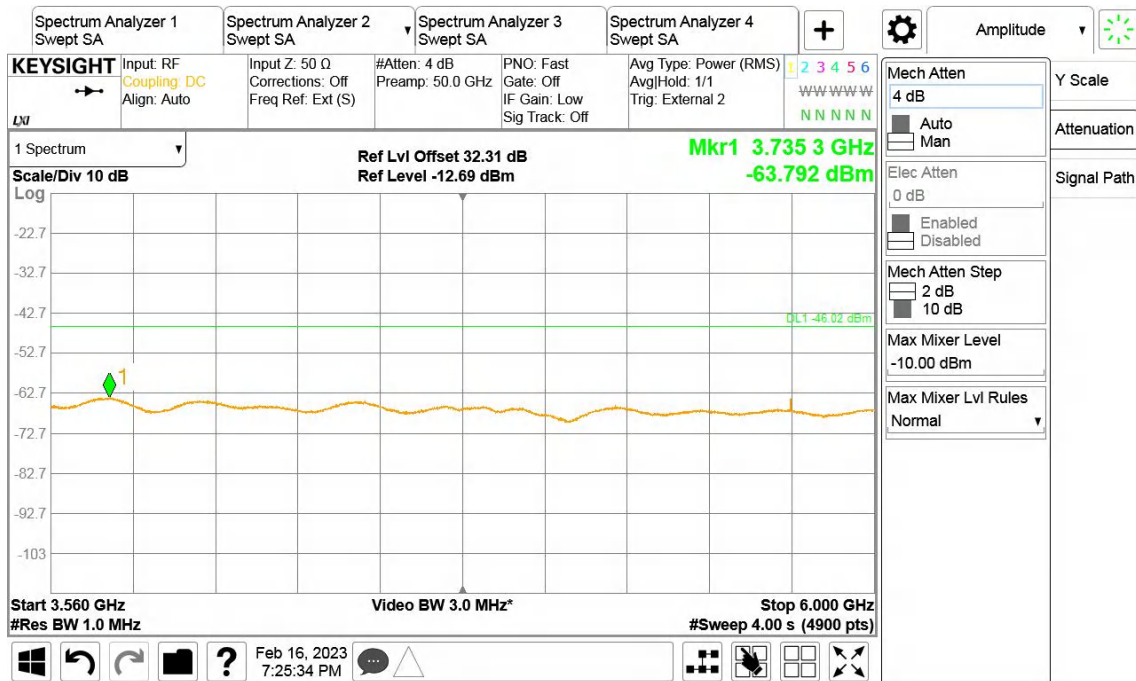
Configuration NR-MIMO-1C-UE

Antenna Port	Channel Position	Modulation	Carrier Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
A	B	64QAM	20	1000	-46.02
A	T	64QAM	20	1000	-46.02

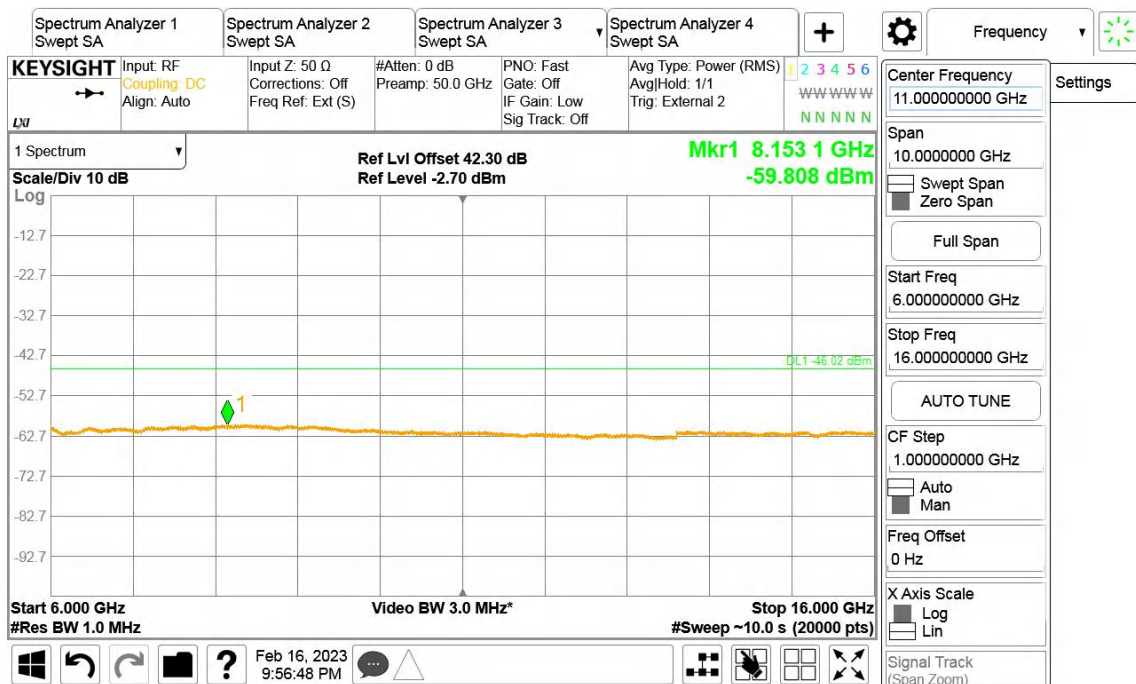
Test figure as below:



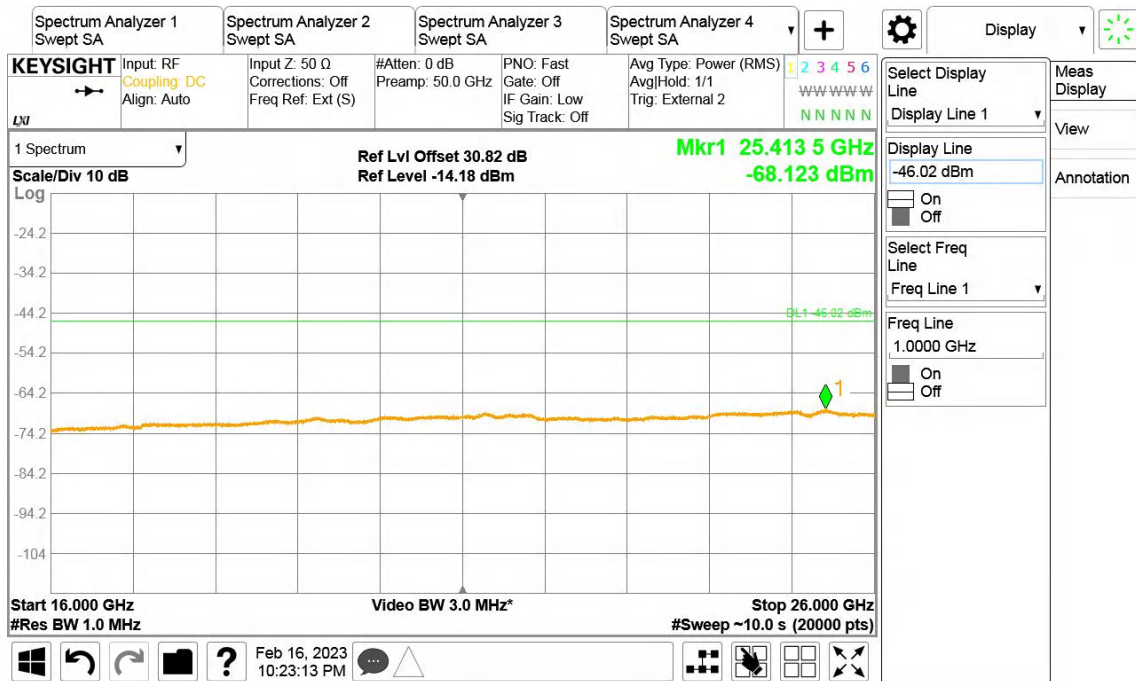
Channel Position B, 9kHz to 3440MHz



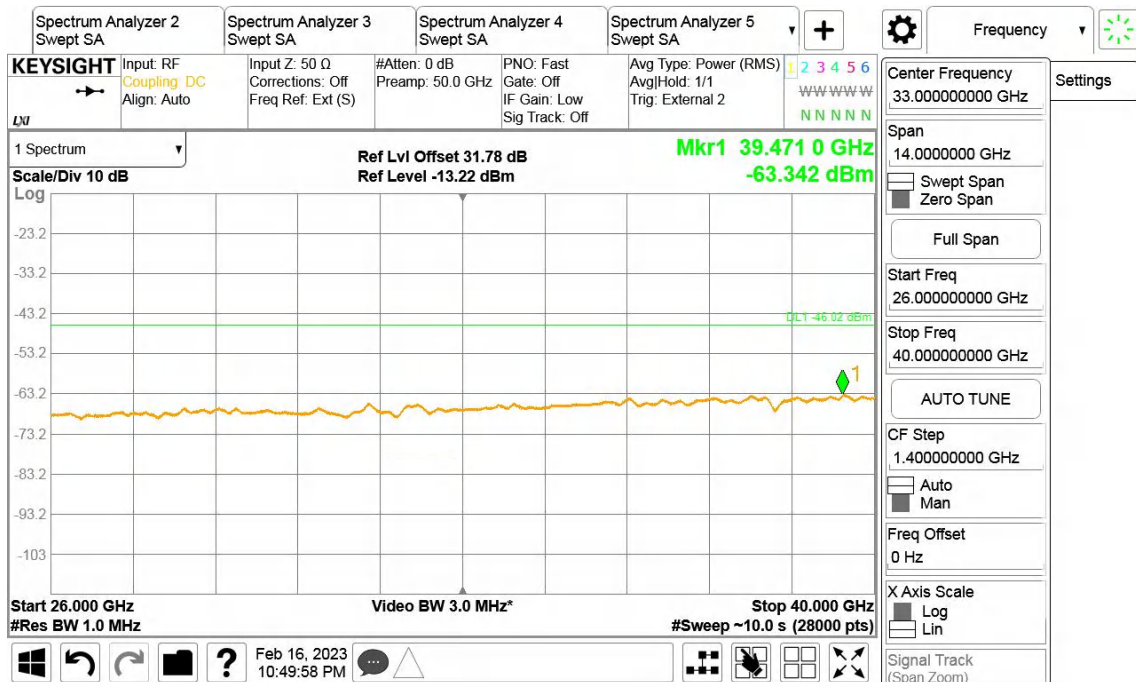
Channel Position B, 3560MHz to 6GHz



Channel Position B, 6GHz to 16GHz



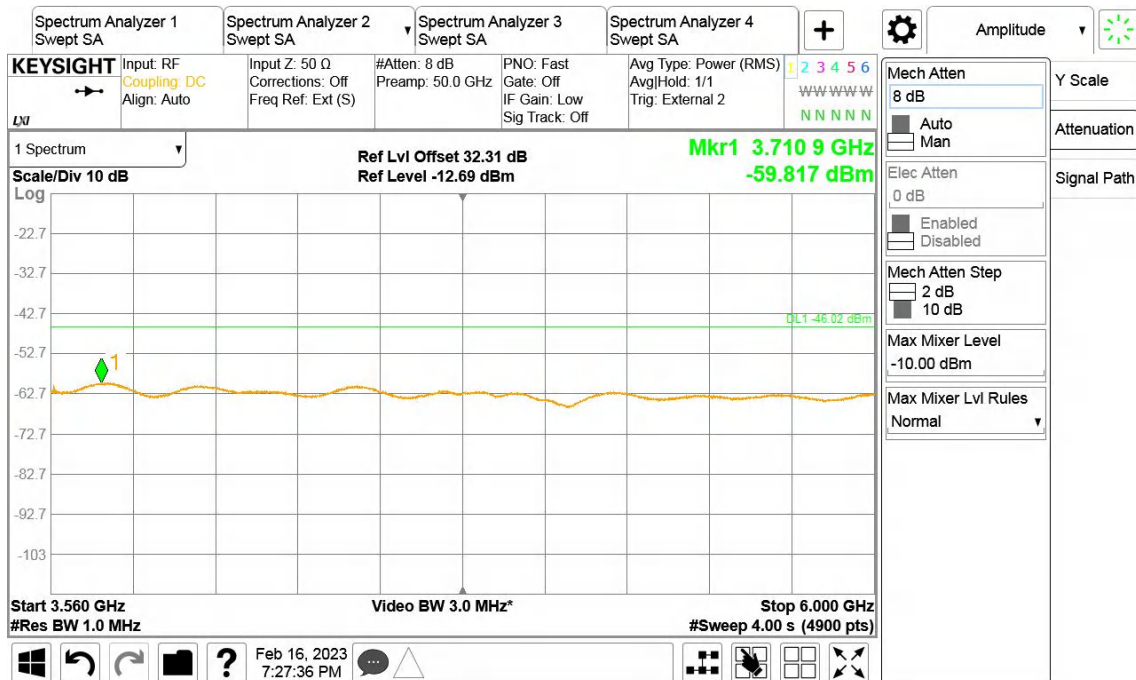
Channel Position B, 16GHz to 26GHz



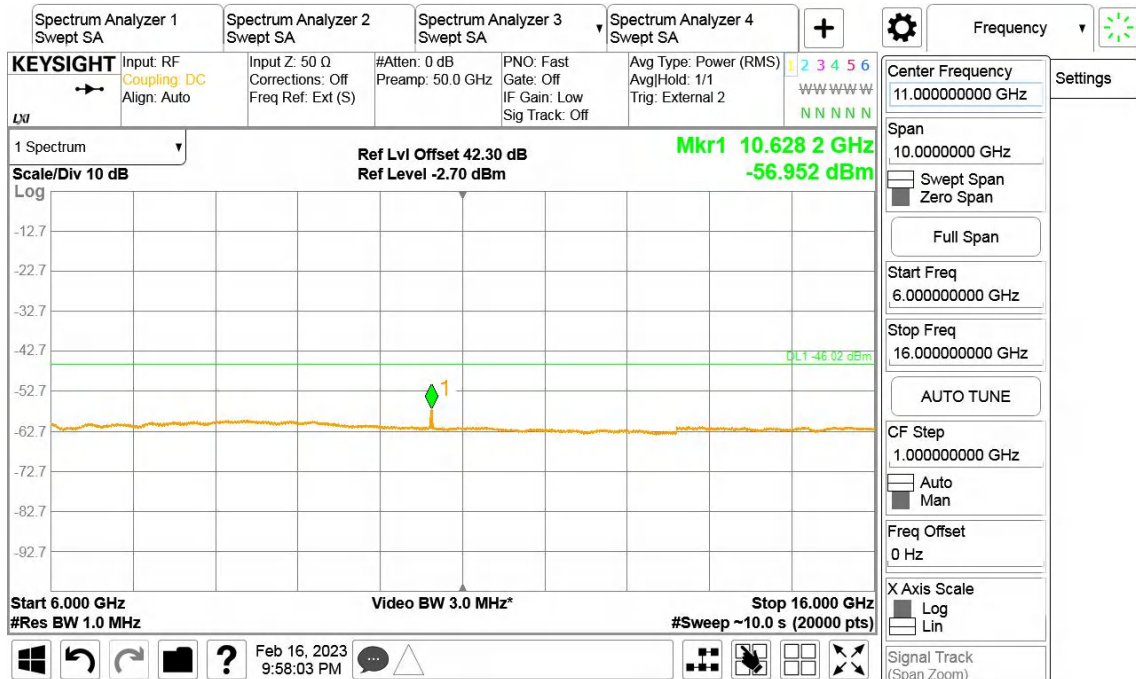
Channel Position B, 26GHz to 40GHz



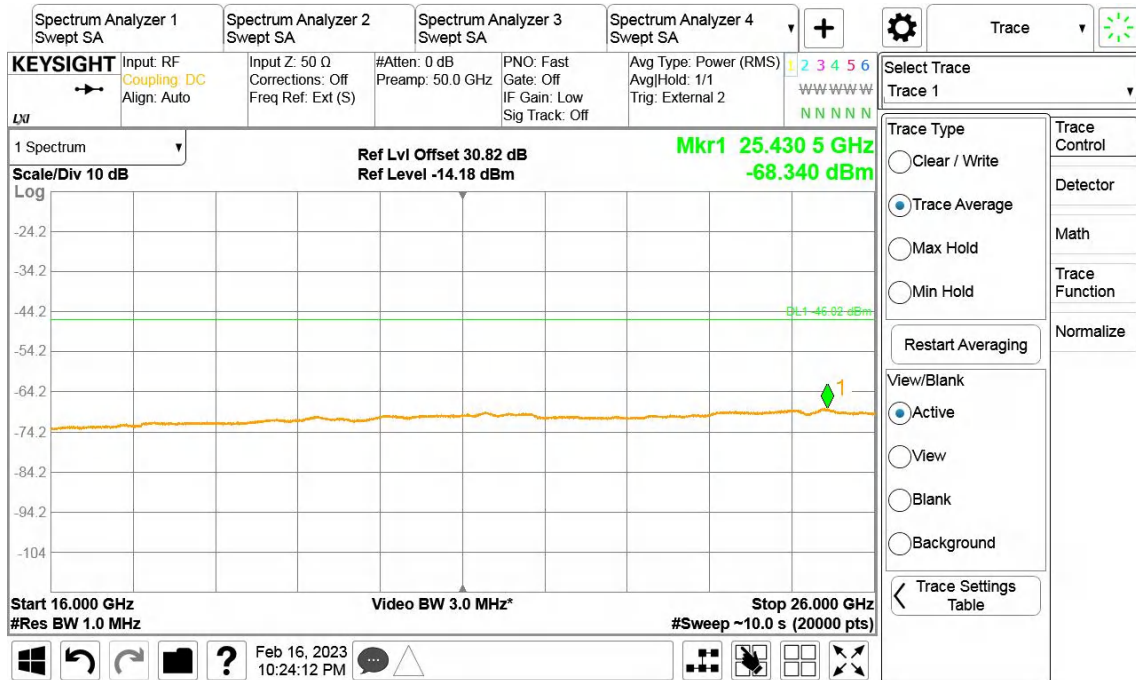
Channel Position T, 9kHz to 3440MHz



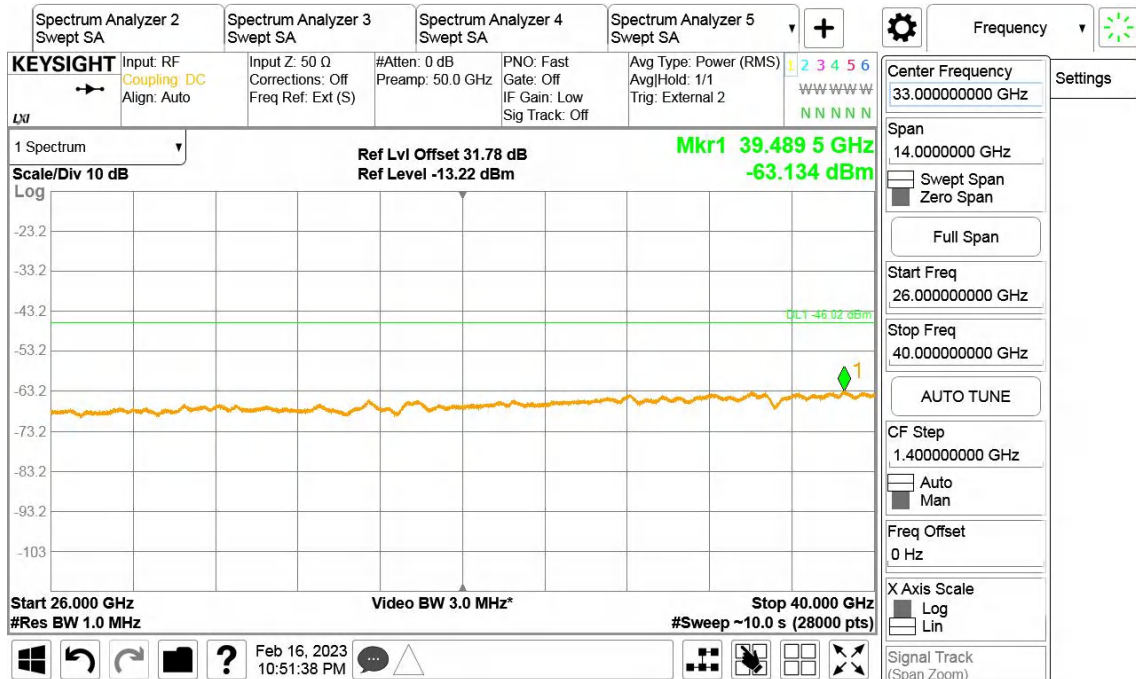
Channel Position T, 3560MHz to 6GHz



Channel Position T, 6GHz to 16GHz



Channel Position T, 16GHz to 26GHz

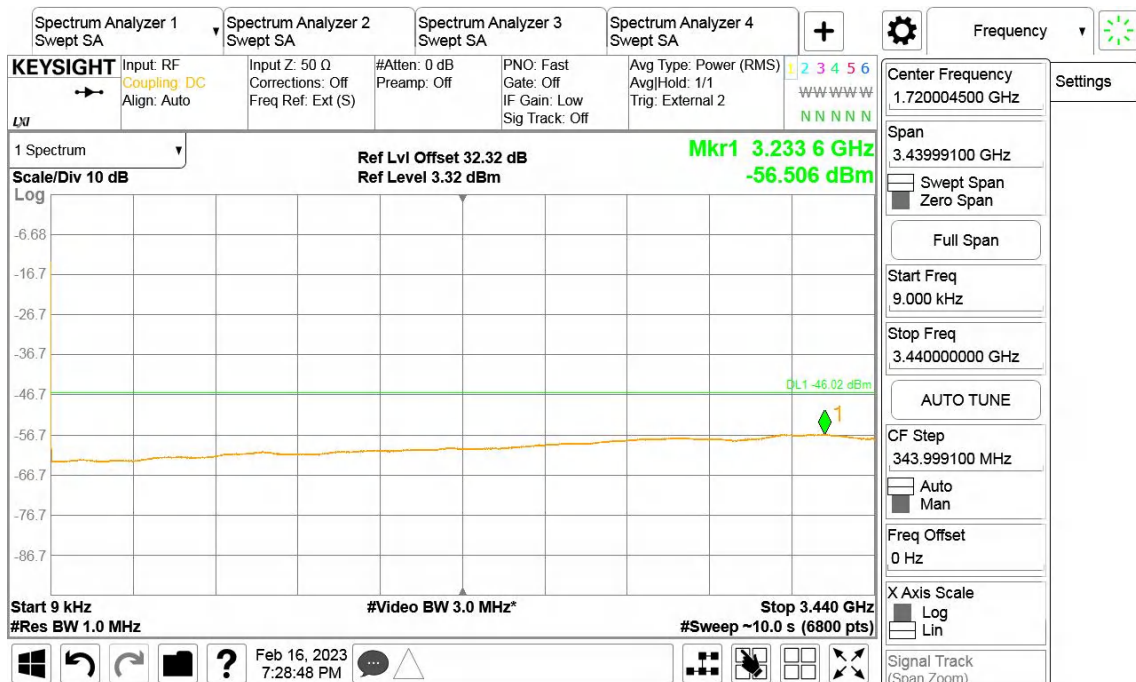


Channel Position T, 26GHz to 40GHz

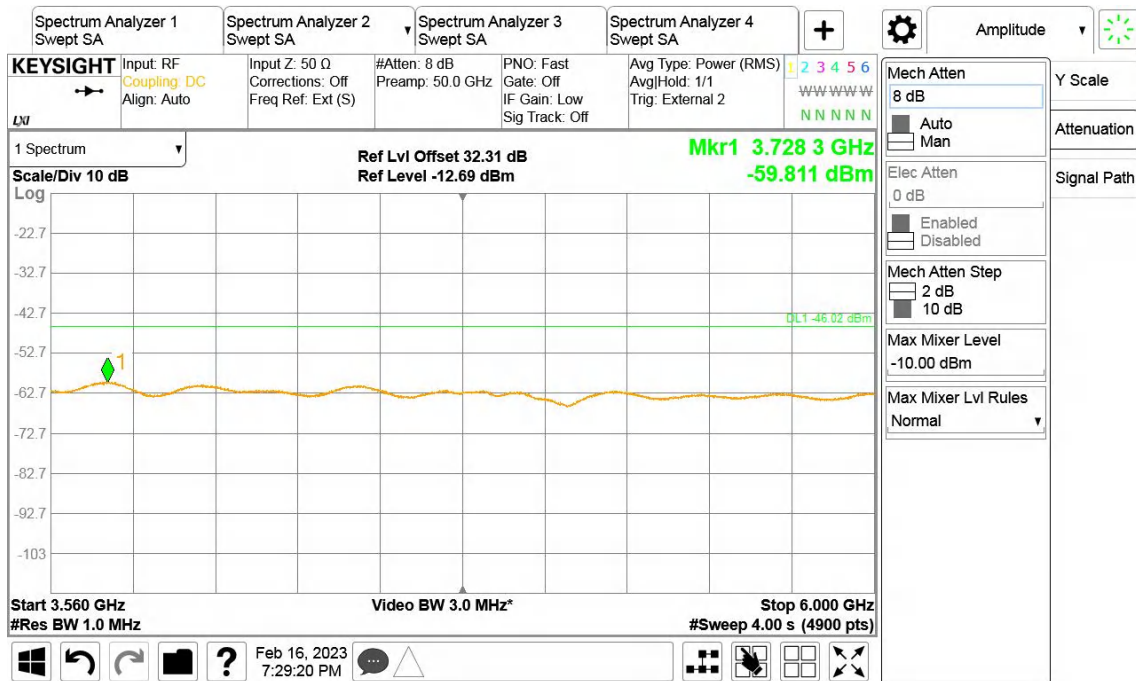
Configuration NR-MIMO-1C-UE

Antenna Port	Channel Position	Modulation	Carrier Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
A	B	64QAM	30	1000	-46.02
A	T	64QAM	30	1000	-46.02

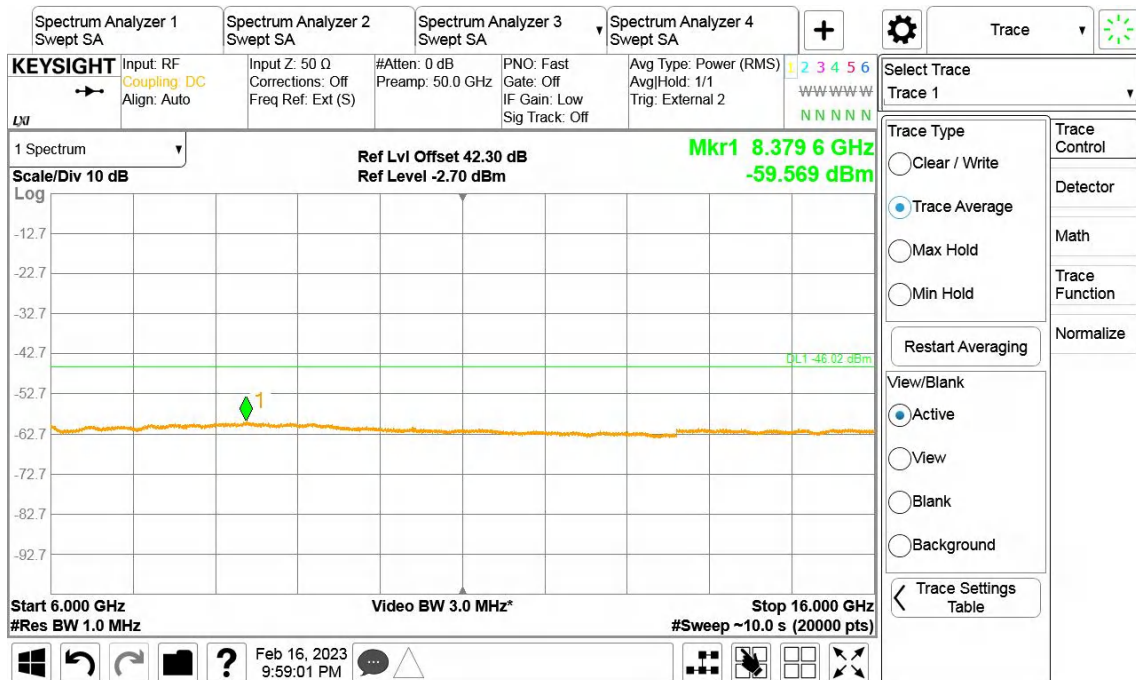
Test figure as below:



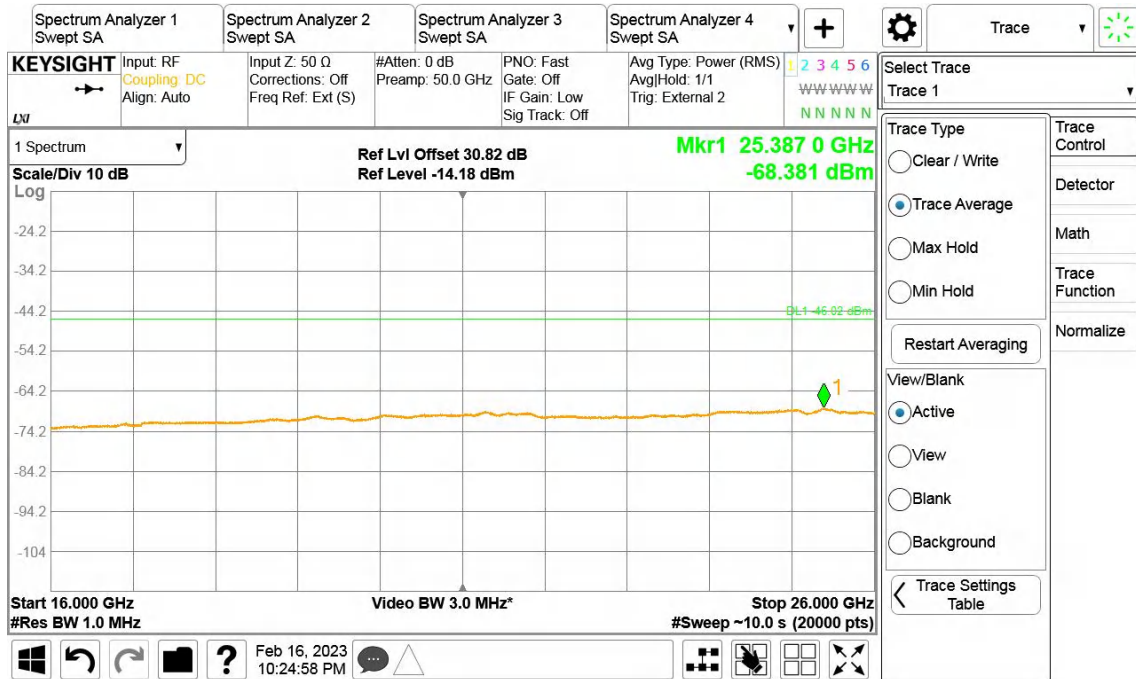
Channel Position B, 9kHz to 3440MHz



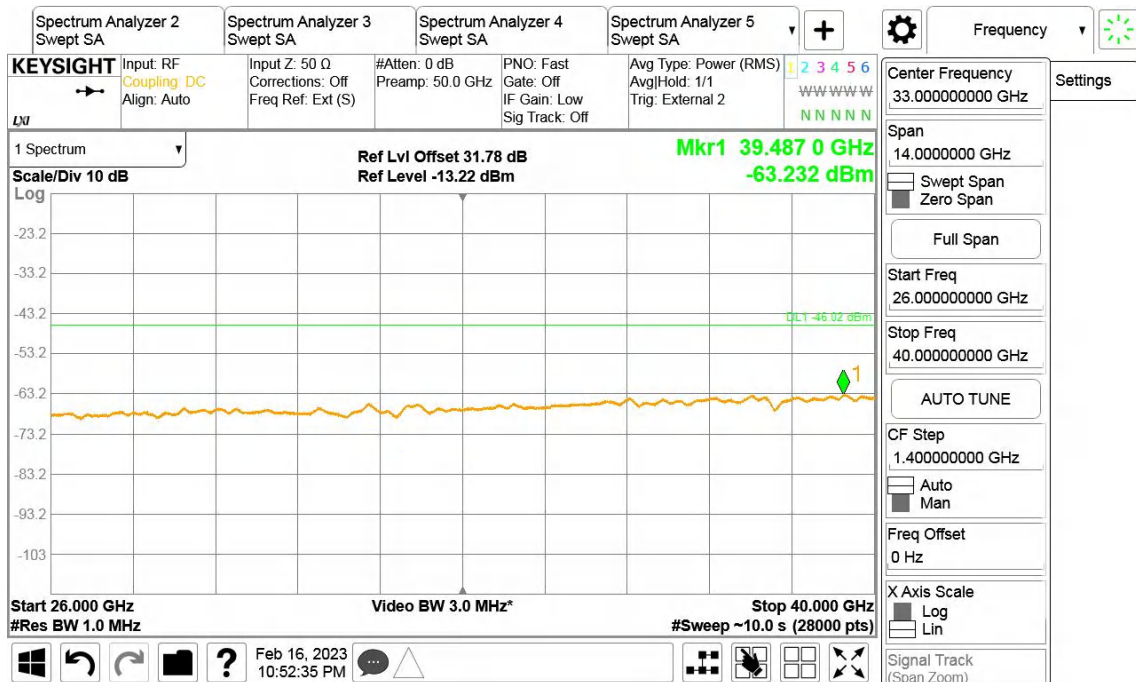
Channel Position B, 3560MHz to 6GHz



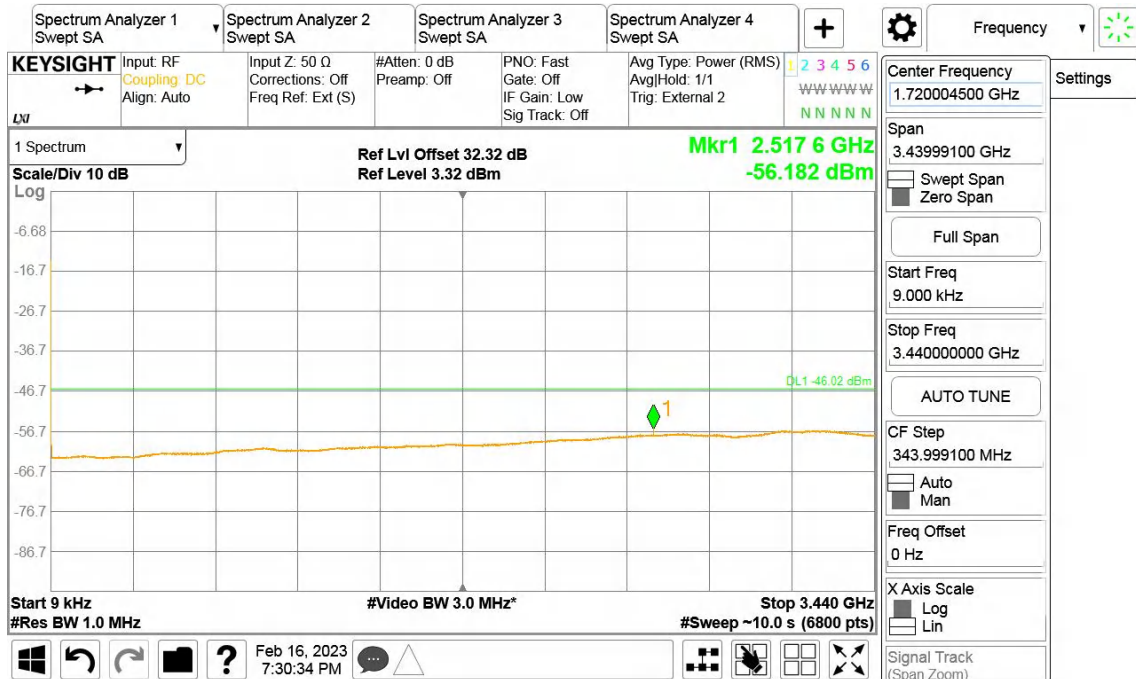
Channel Position B, 6GHz to 16GHz



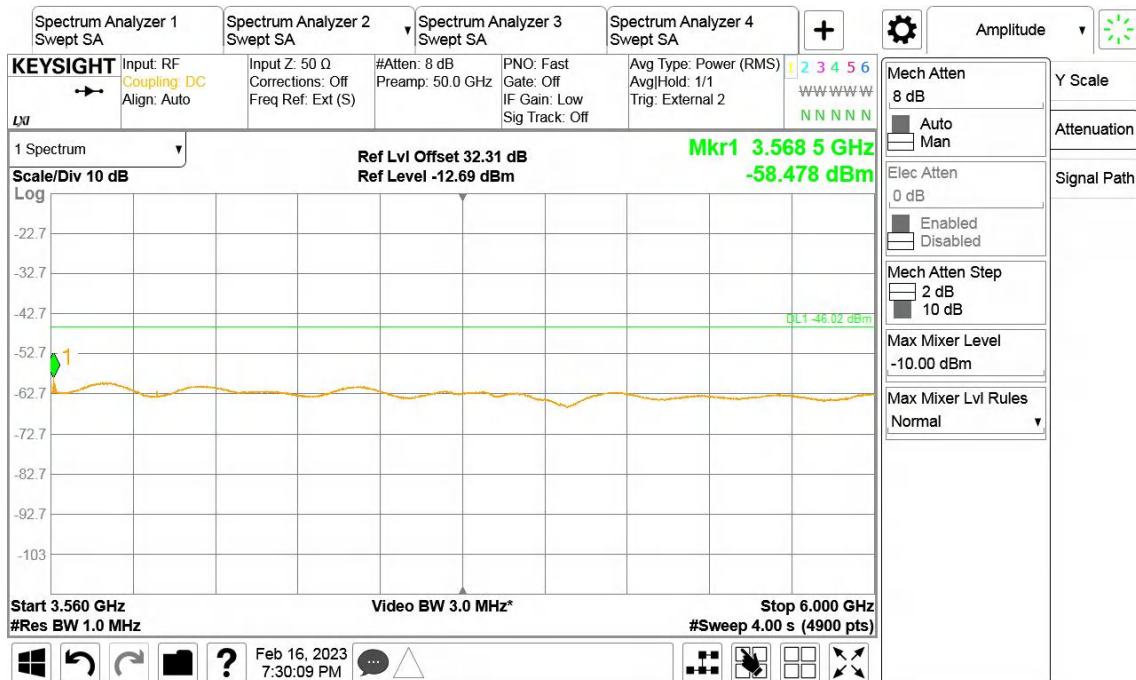
Channel Position B, 16GHz to 26GHz



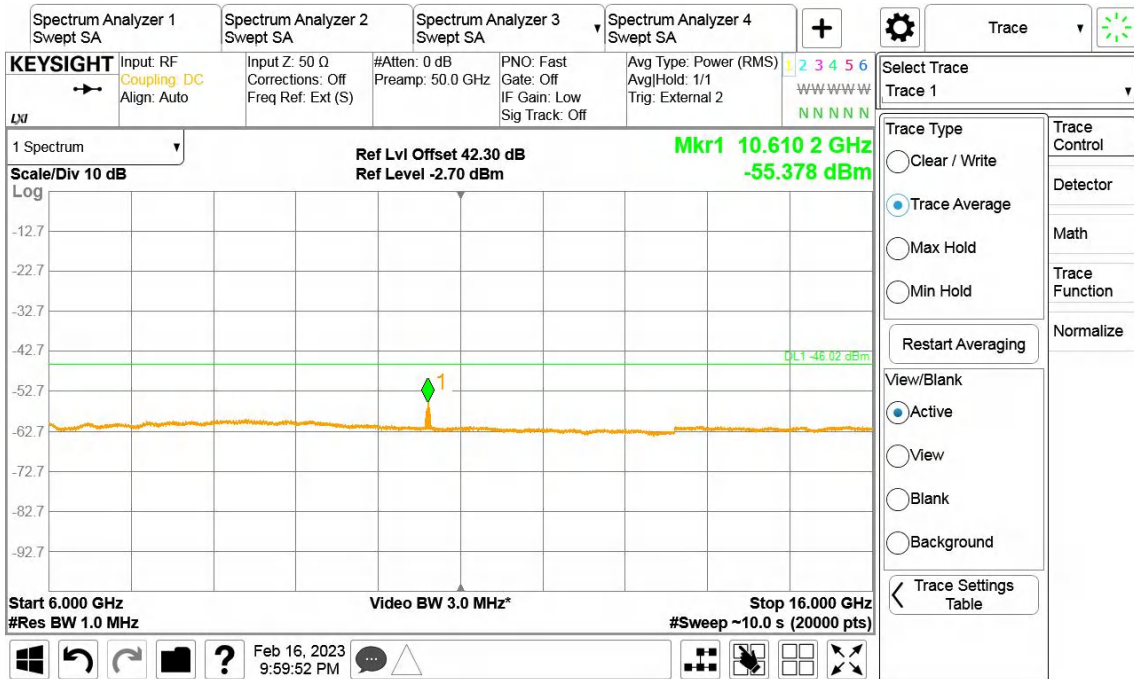
Channel Position B, 26GHz to 40GHz



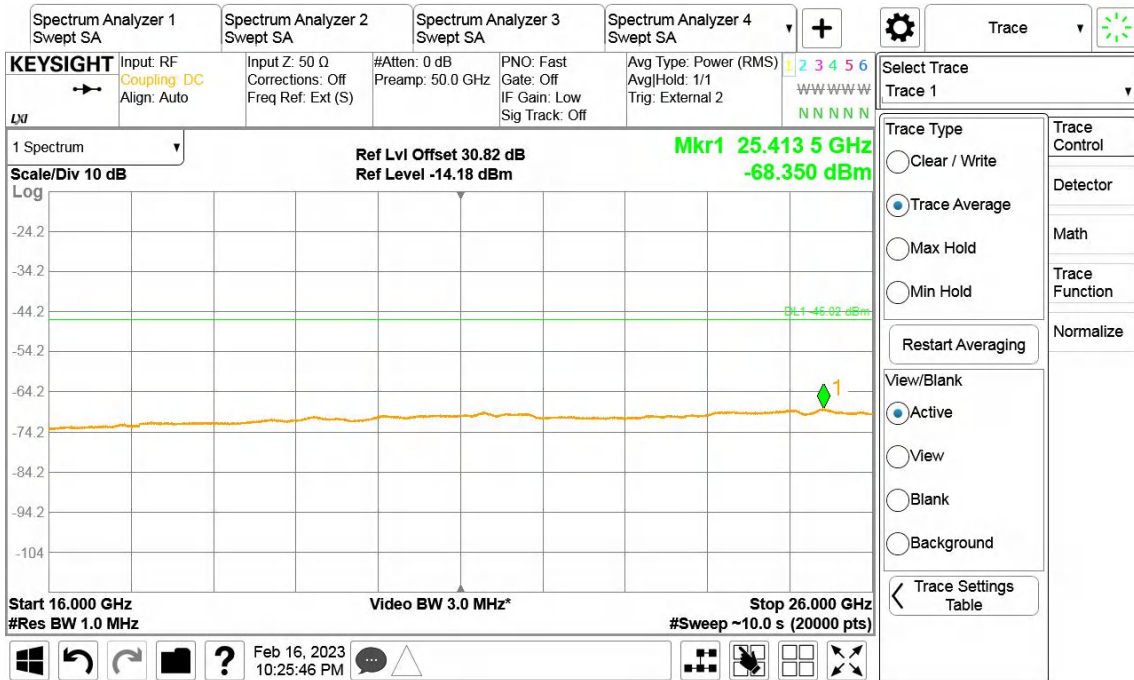
Channel Position T, 9kHz to 3440MHz



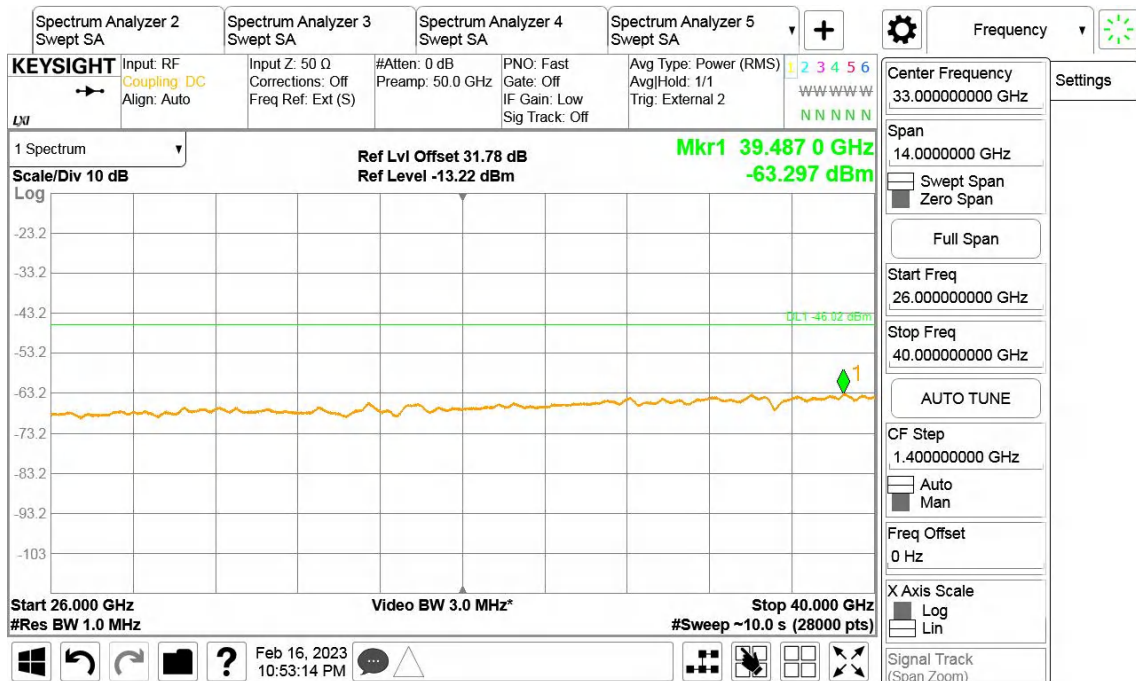
Channel Position T, 3560MHz to 6GHz



Channel Position T, 6GHz to 16GHz



Channel Position T, 16GHz to 26GHz

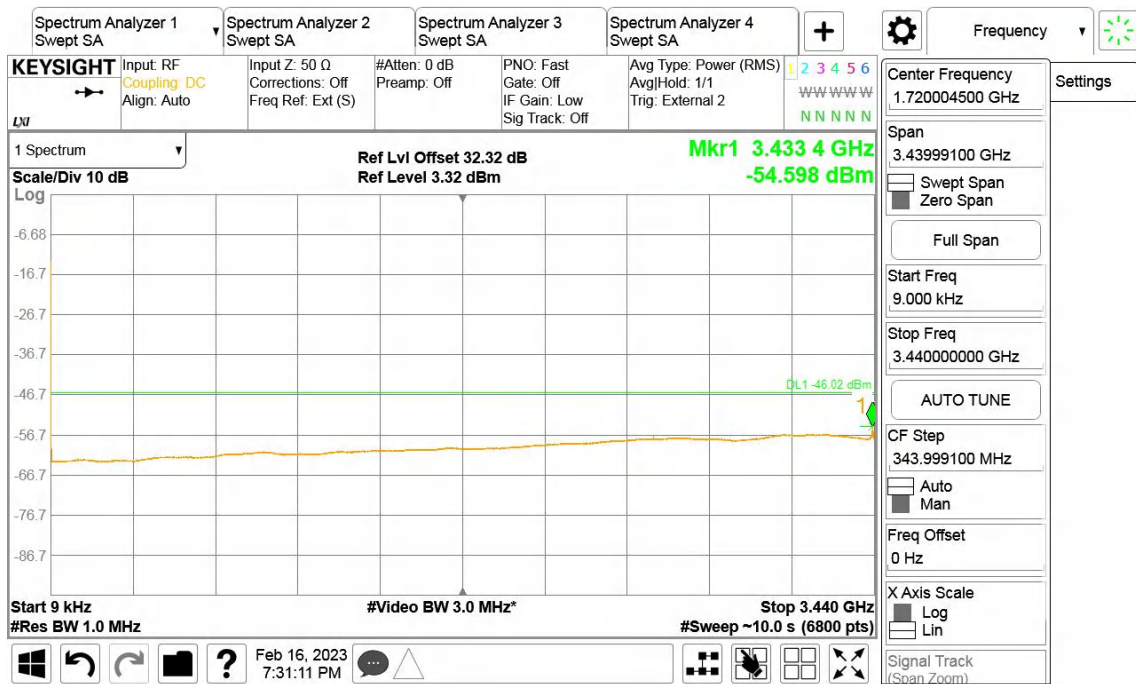


Channel Position T, 26GHz to 40GHz

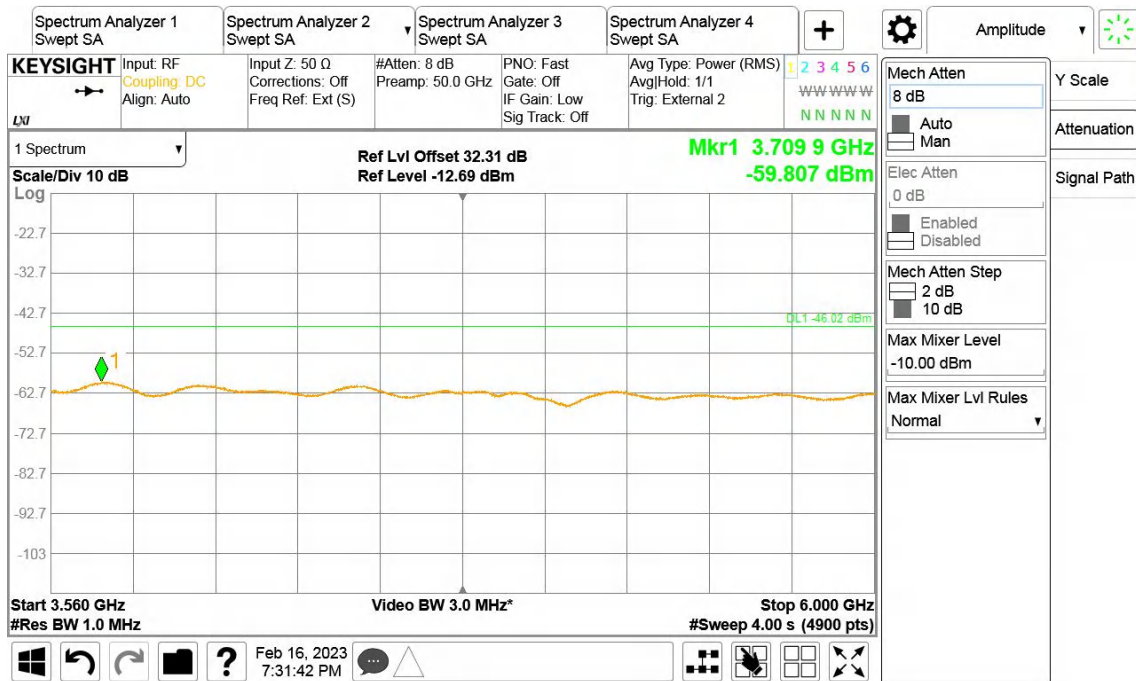
Configuration NR-MIMO-1C-UE

Antenna Port	Channel Position	Modulation	Carrier Bandwidth (MHz)	RBW (kHz)	Limit (dBm)
A	B	64QAM	40	1000	-46.02
A	T	64QAM	40	1000	-46.02

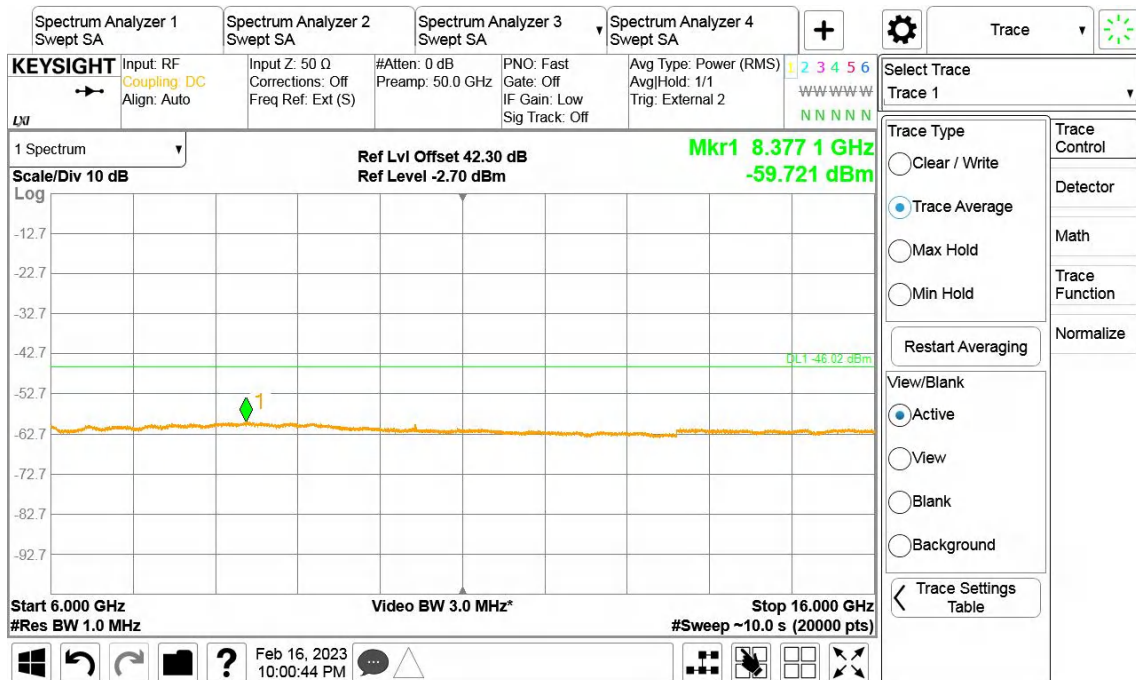
Test figure as below:



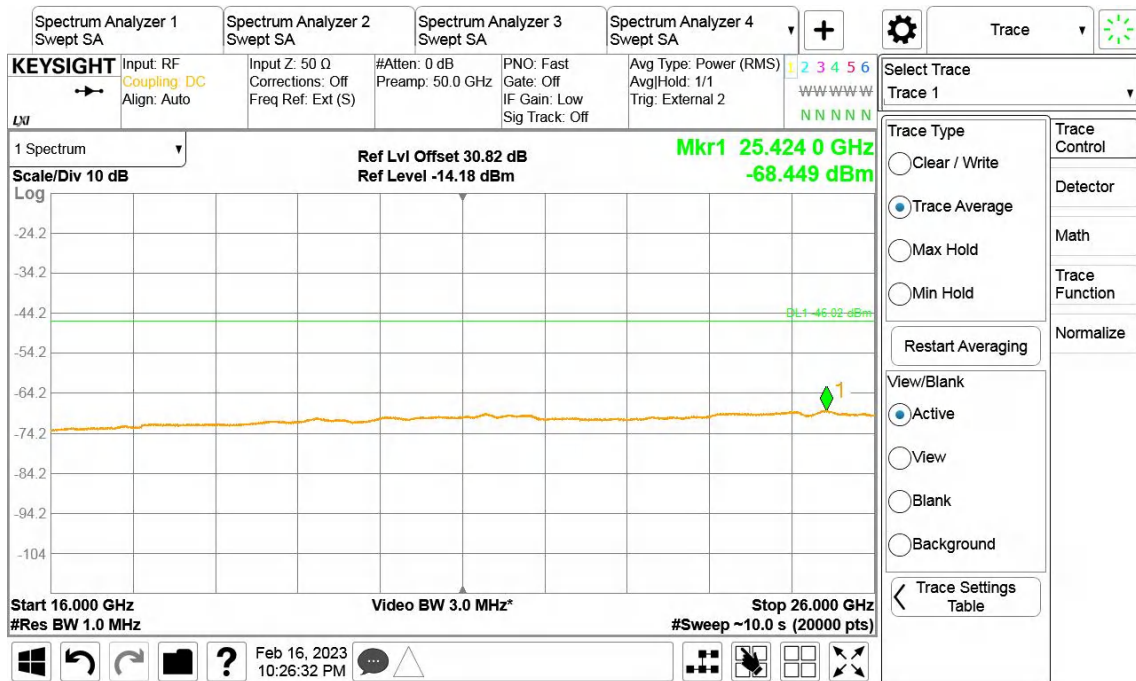
Channel Position B, 9kHz to 3440MHz



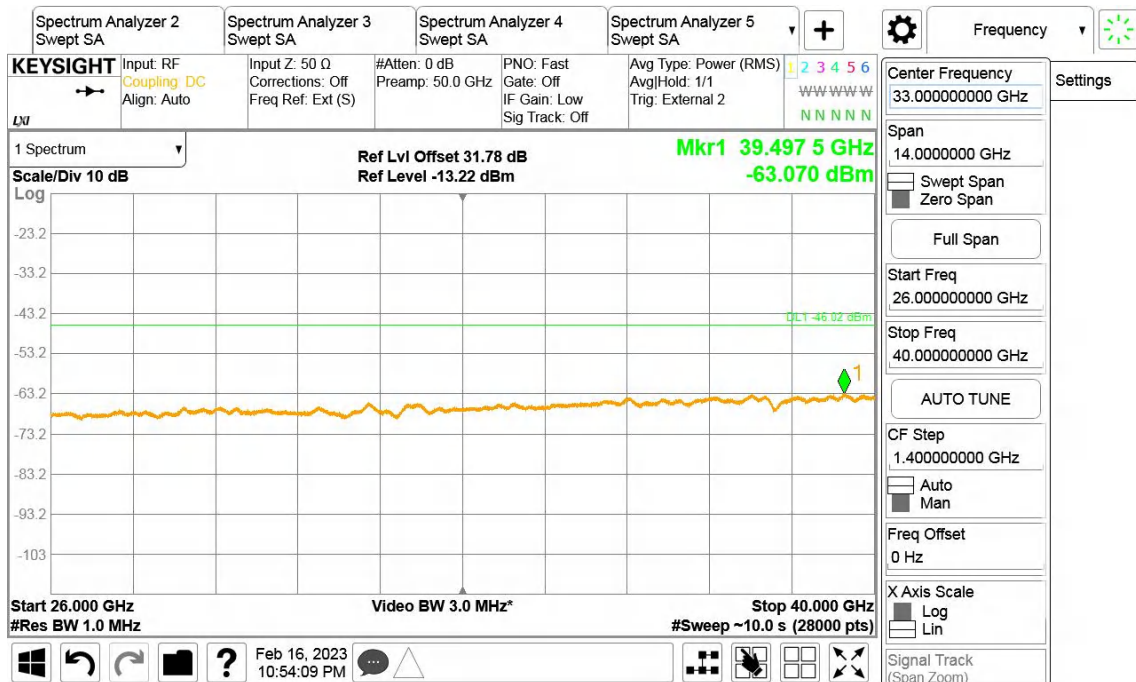
Channel Position B, 3560MHz to 6GHz



Channel Position B, 6GHz to 16GHz



Channel Position B, 16GHz to 26GHz



Channel Position B, 26GHz to 40GHz