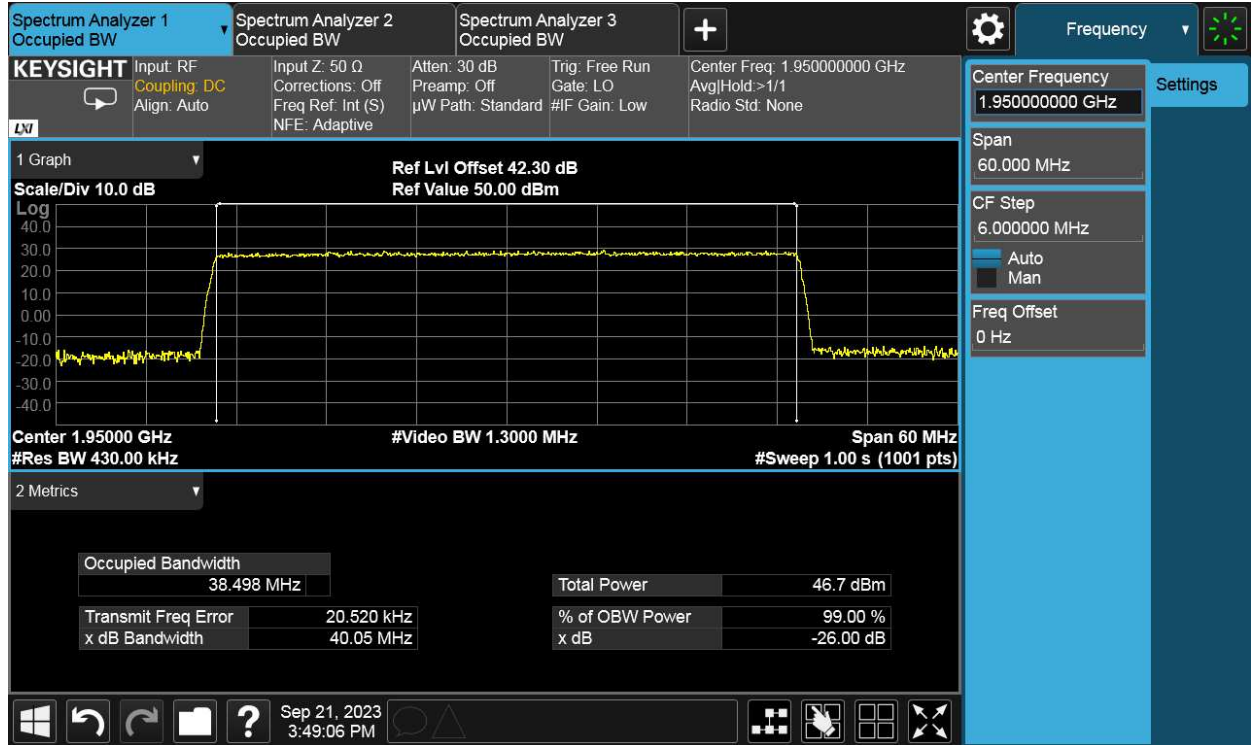
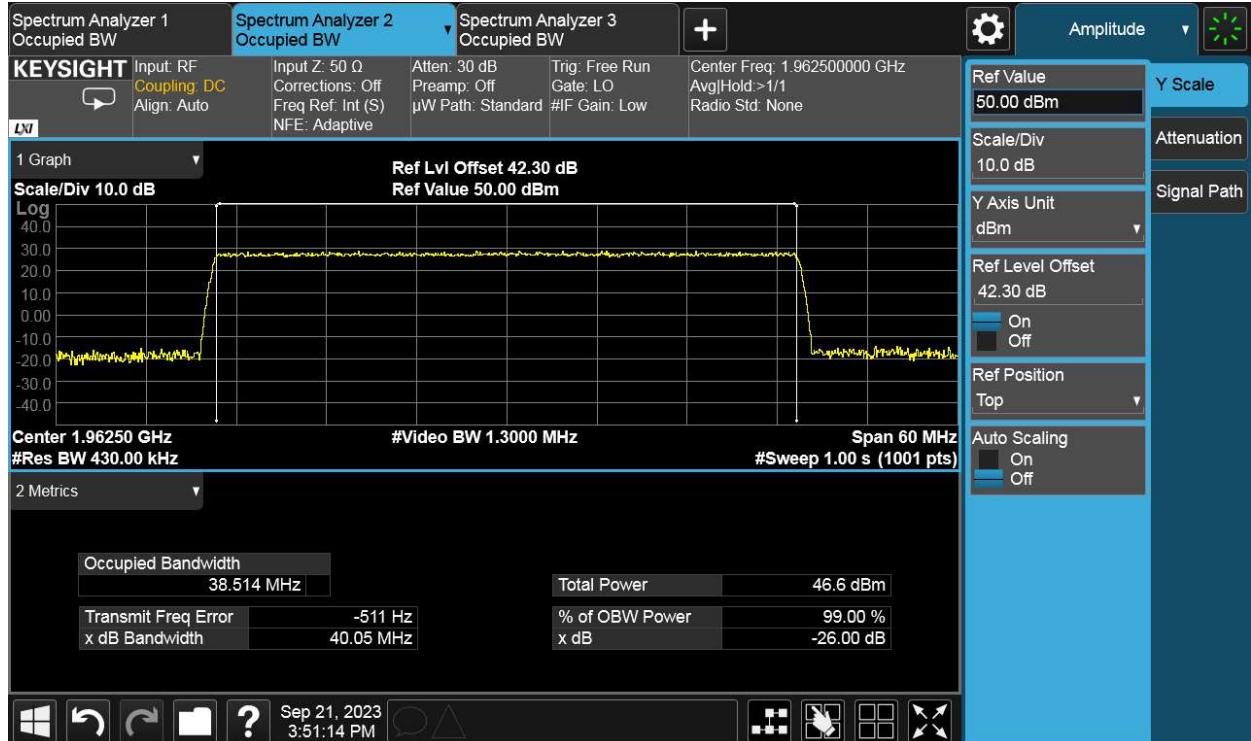


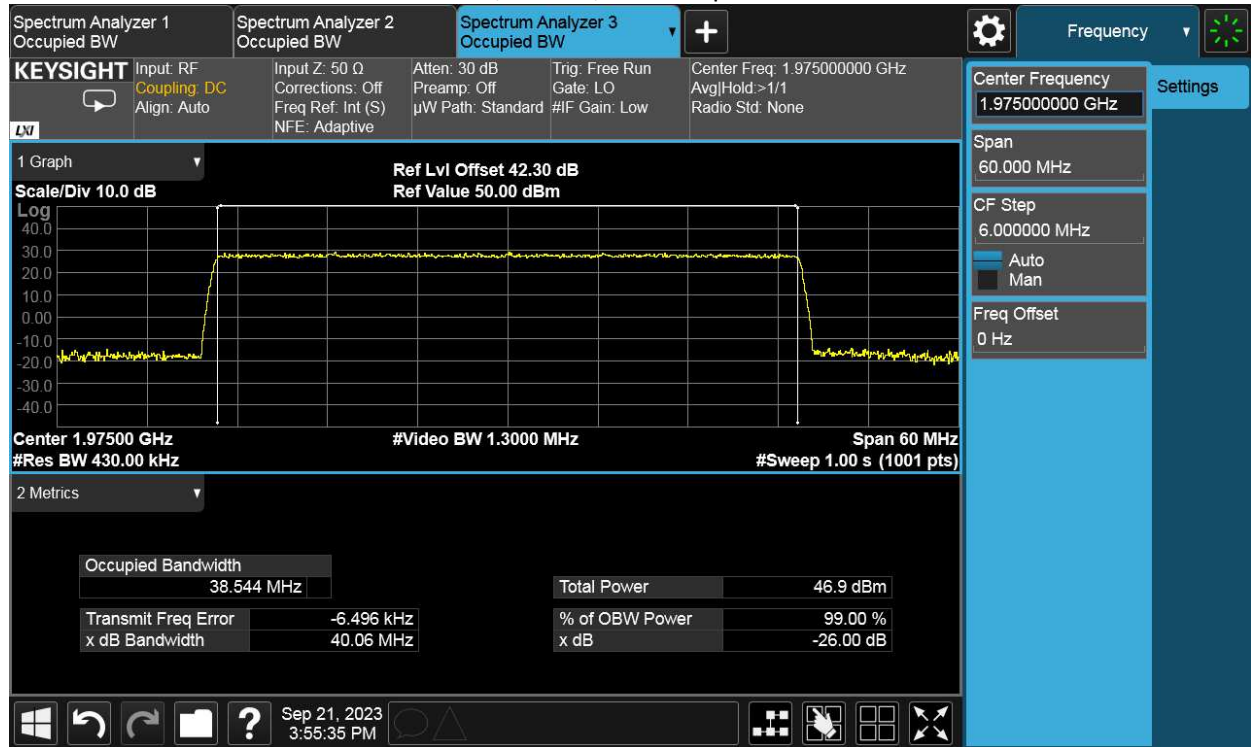
## QPSK, 40MHz, Channel position B



## QPSK, 40MHz, Channel position M



### QPSK, 40MHz, Channel position T



**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  $-3.01\text{dB}$  [ $10\log(1/2)$ ] 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  $-16.01\text{dBm}$ .

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  $> 1\text{MHz}$  away from the band edges.

Spectrum analyzer detector was set as RMS.

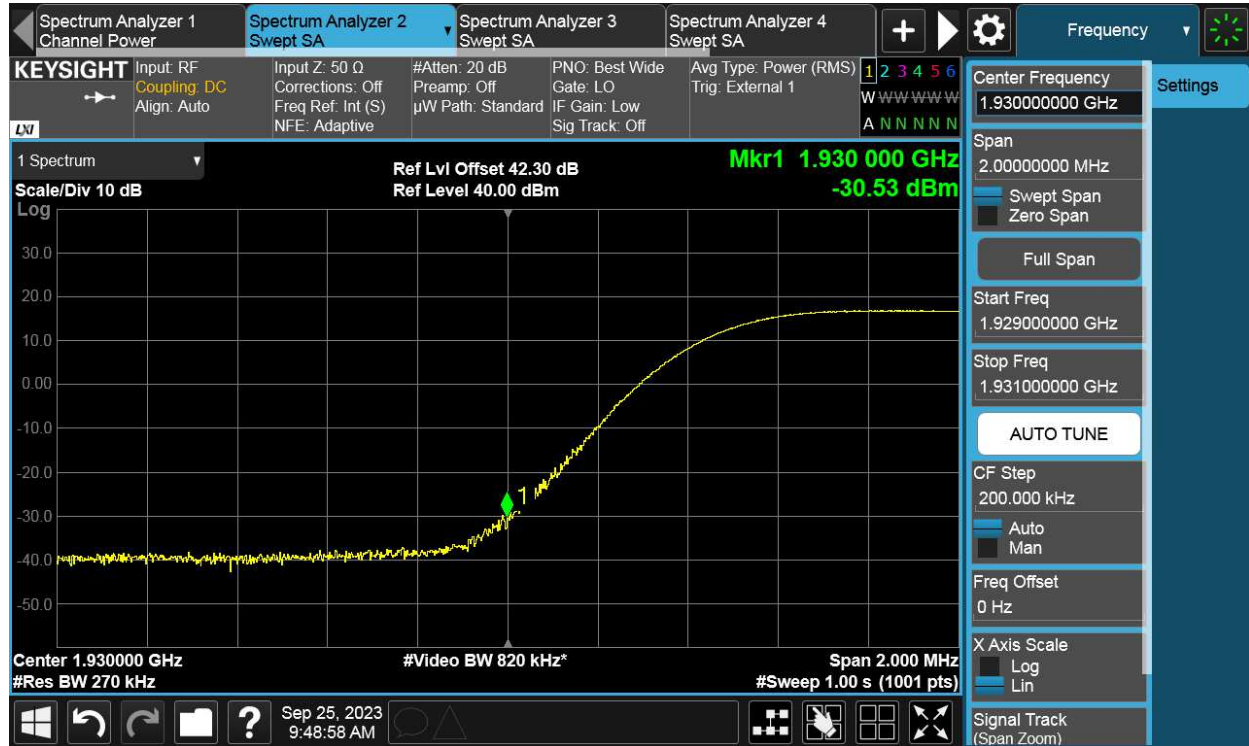
## TEST REPORT

### 5.3 Measurement result

NR-1C-BE

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
A	B	QPSK	25	270	-16.01
A	T	QPSK	25	270	-16.01

Channel Position B



Channel Position T



## TEST REPORT

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
A	B	QPSK	30	300	-16.01
A	T	QPSK	30	300	-16.01

### Channel Position B



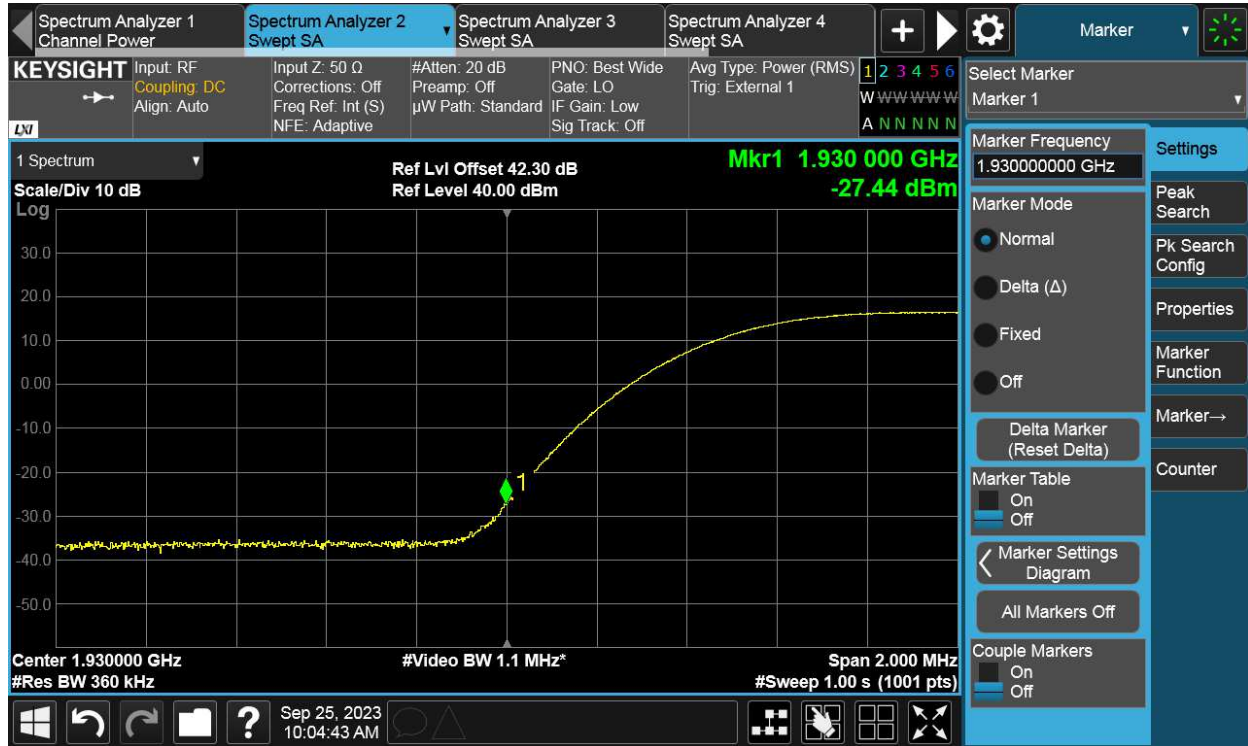
### Channel Position T



## TEST REPORT

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
A	B	QPSK	35	360	-16.01
A	T	QPSK	35	360	-16.01

### Channel Position B



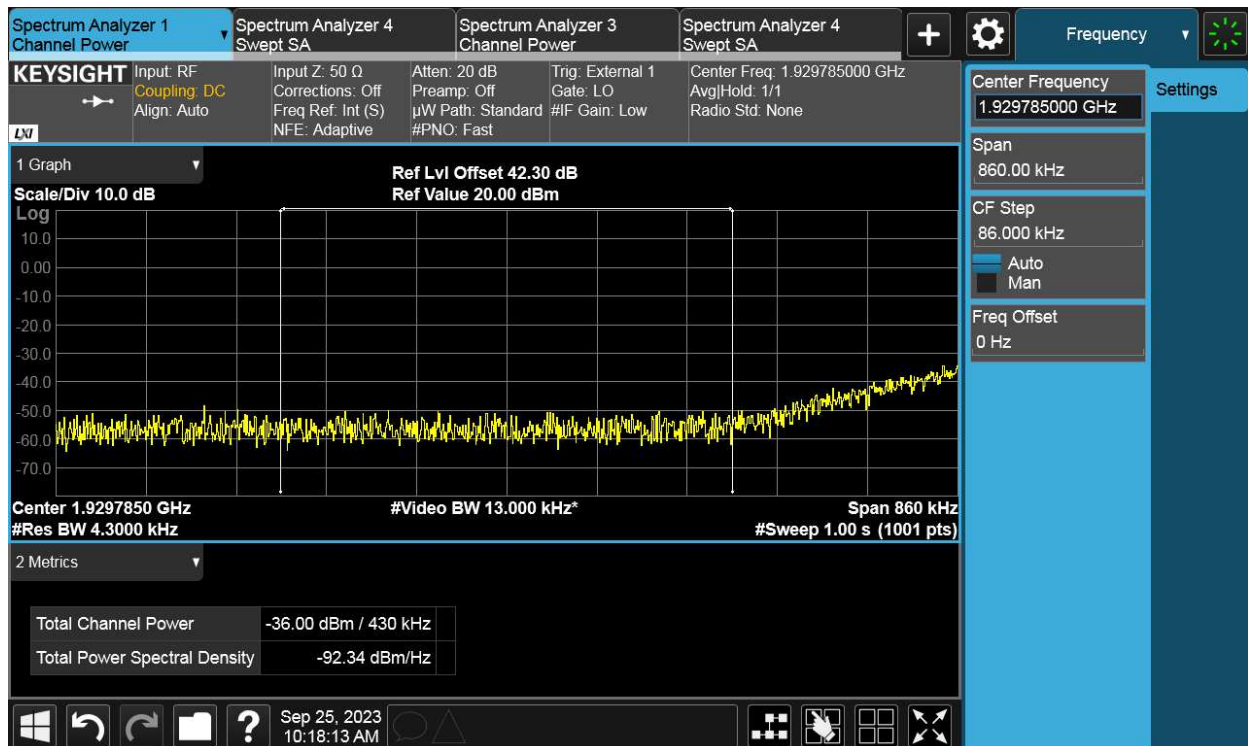
### Channel Position T



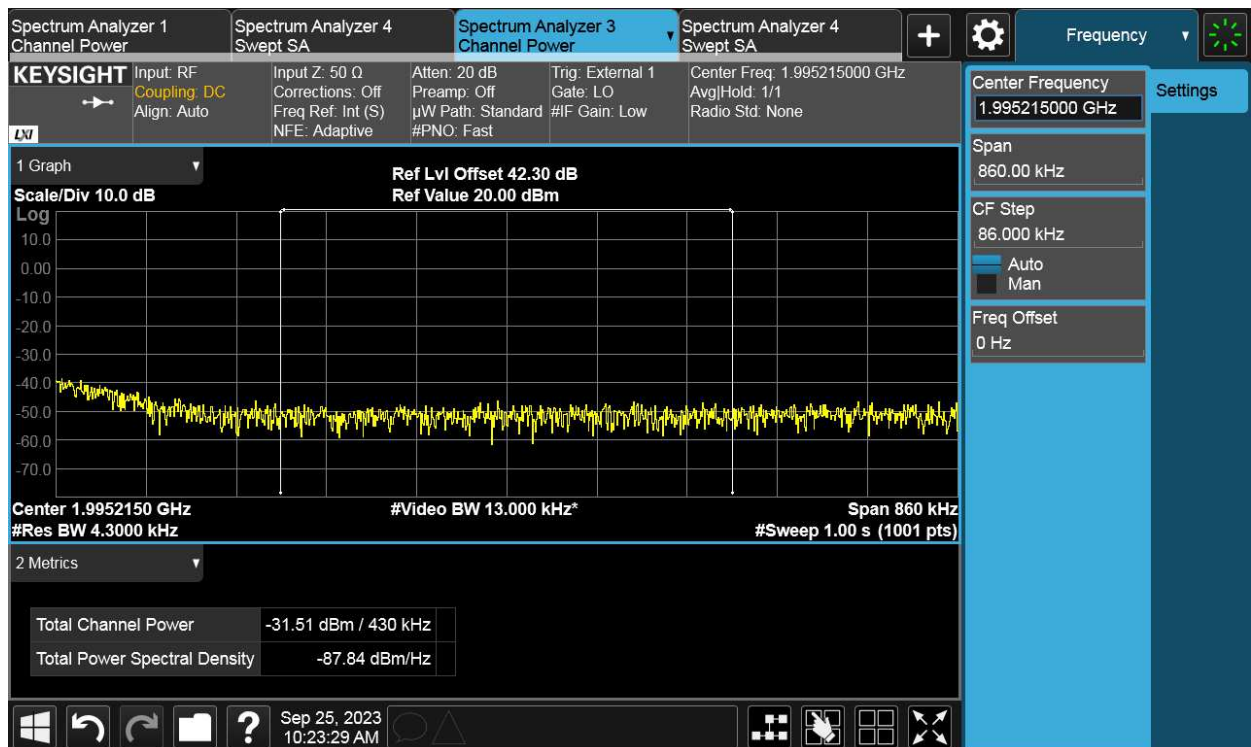
## TEST REPORT

Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
A	B	QPSK	40	430	-16.01
A	T	QPSK	40	430	-16.01

### Channel Position B



### Channel Position T





**TEST REPORT**

## 6 Conducted Unwanted Emission

**Test result:** Pass

### 6.1 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.

### 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 20GHz. The resolution bandwidth of 1MHz was employed for frequency band 9kHz to 20GHz. The spectrum analyzer detector was set to RMS.

For MIMO mode configurations, the limit was adjusted with a correction of  $-3.01\text{dB}$  [ $10\log(1/2)$ ] 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  $-19.02\text{dBm}$ .

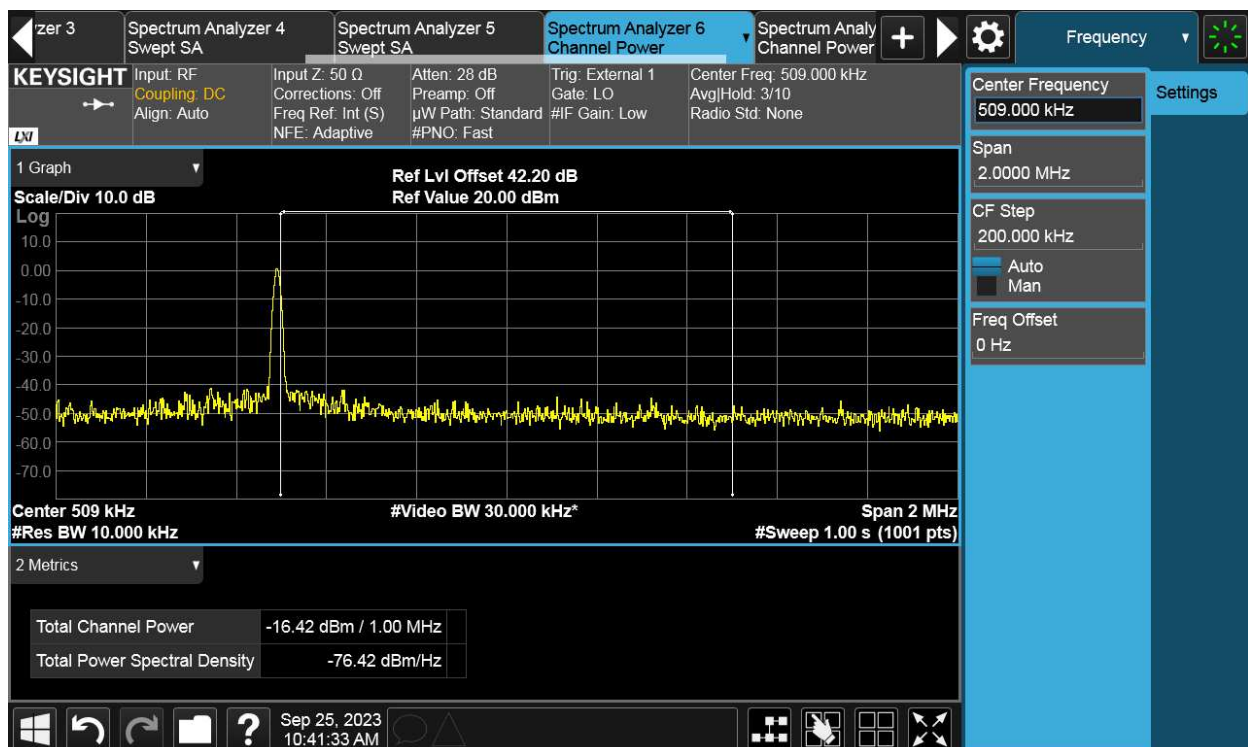
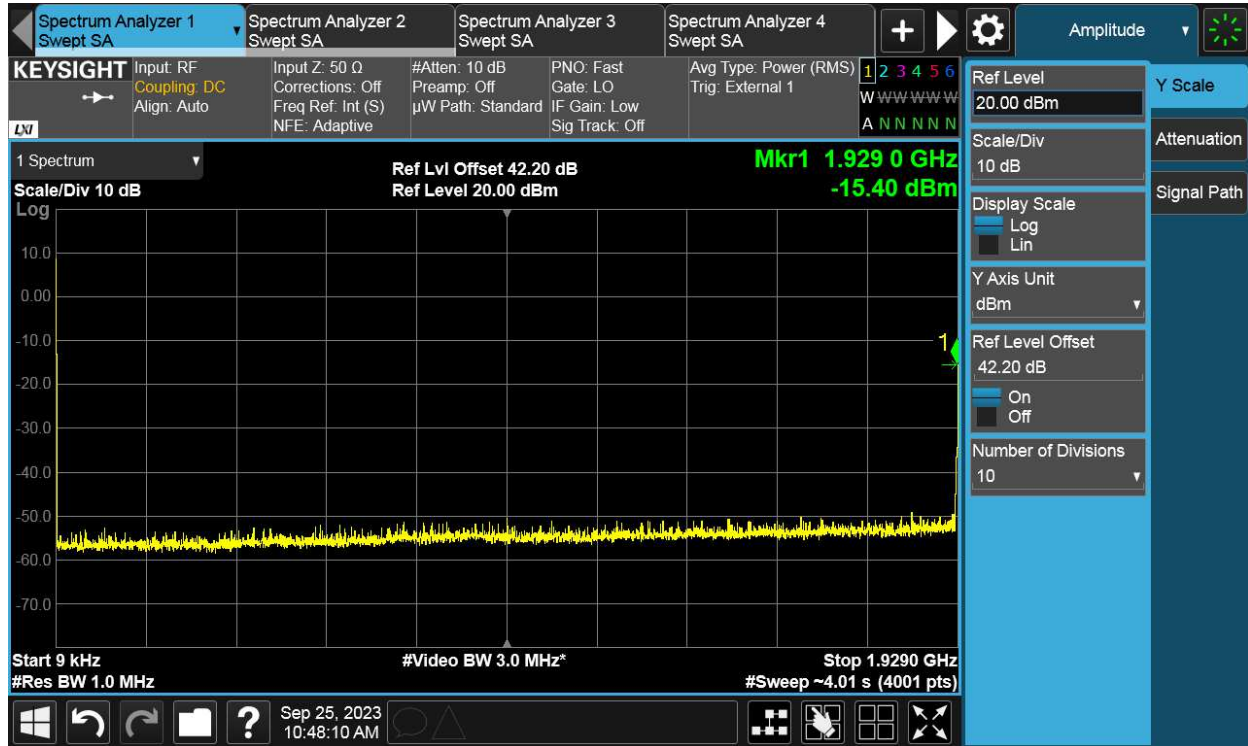
## TEST REPORT

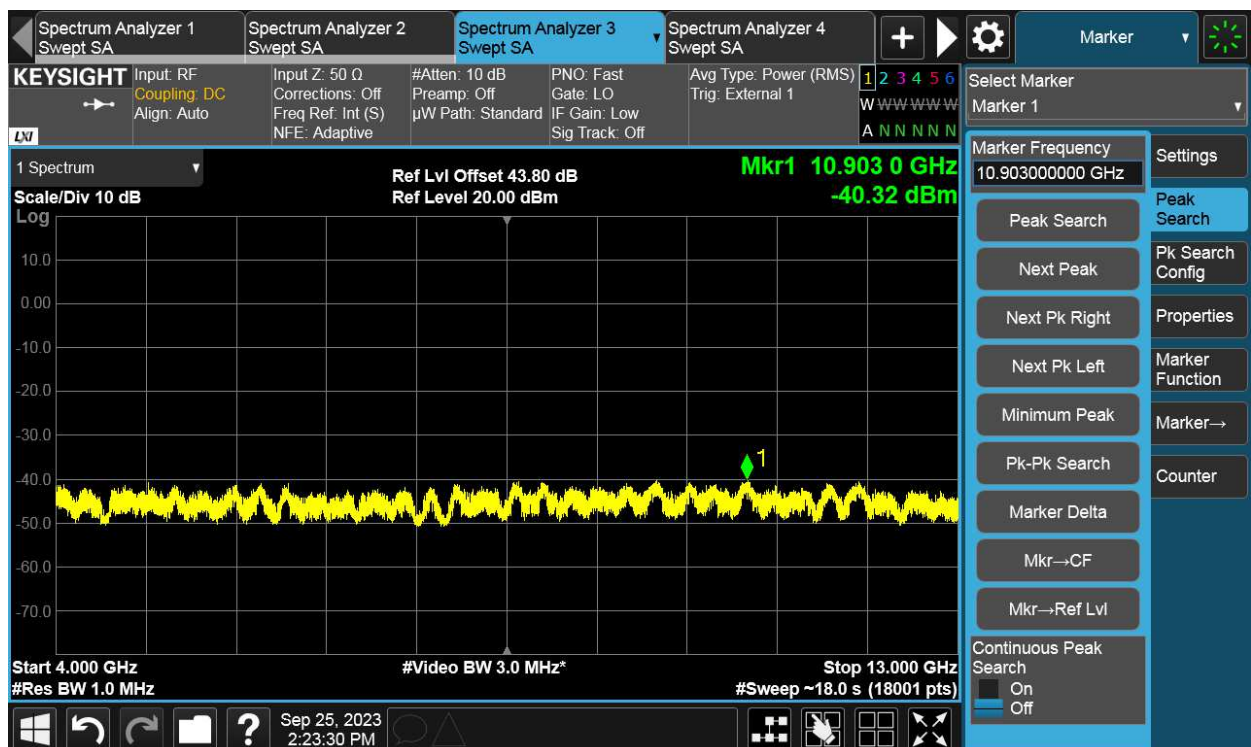
### 6.3 Measurement result

NR-1C

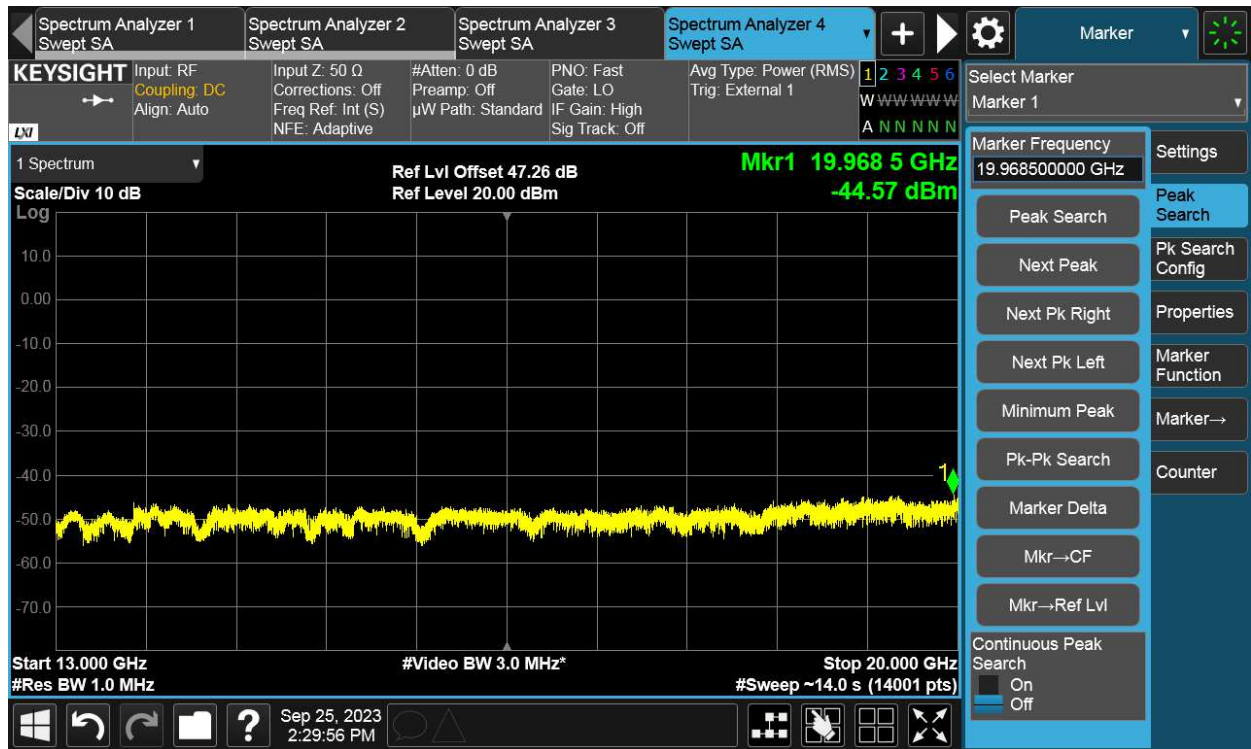
Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
A	B	QPSK	25	1000	-16.01
A	T	QPSK	25	1000	-16.01

Channel Position B

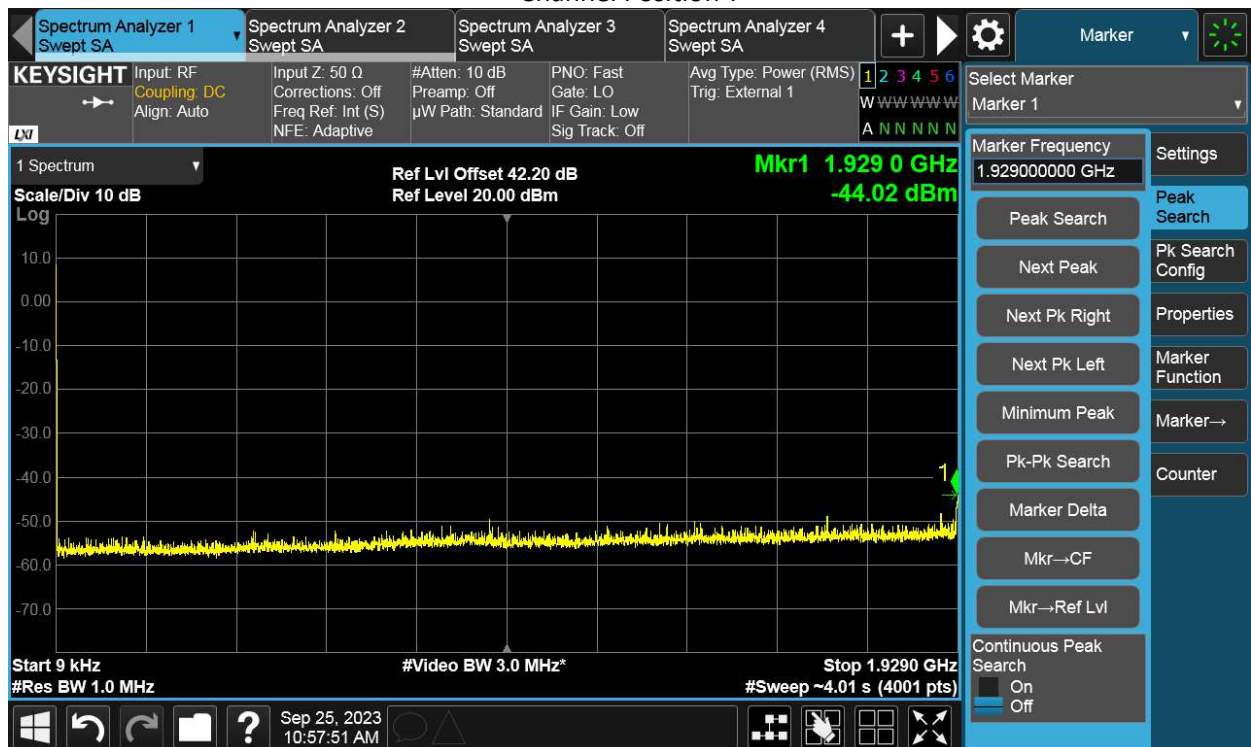




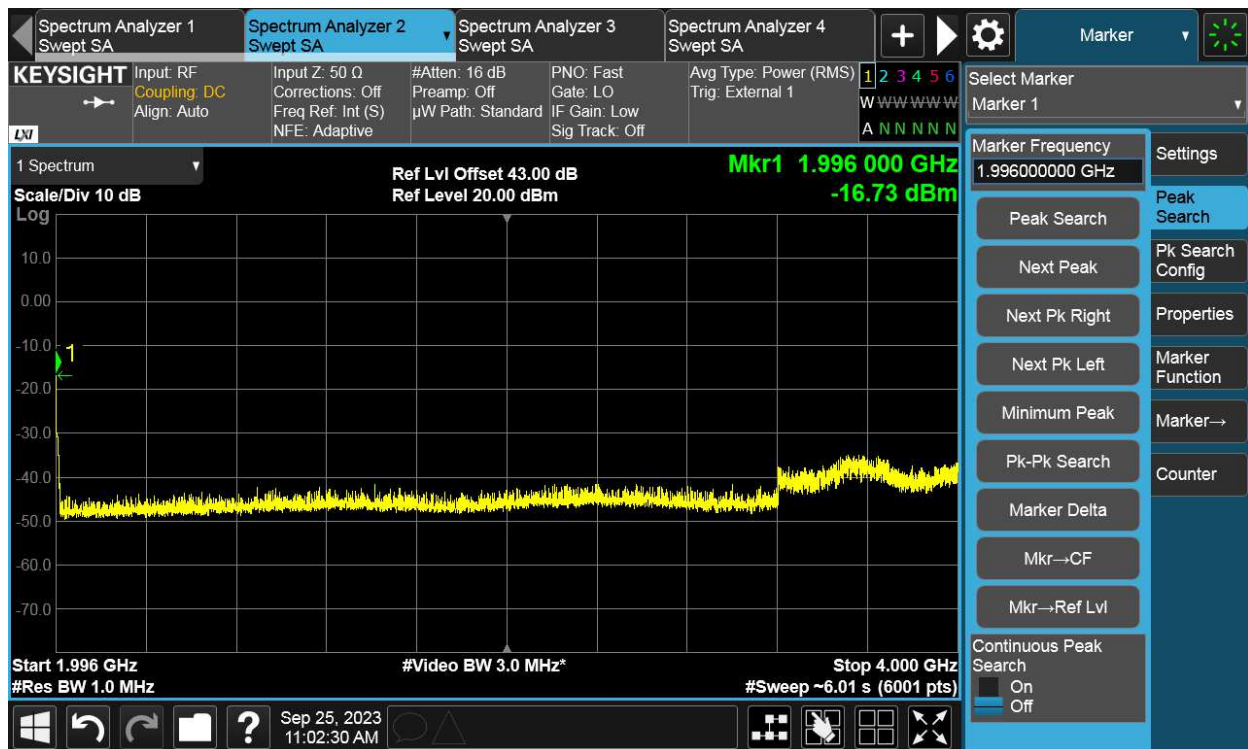
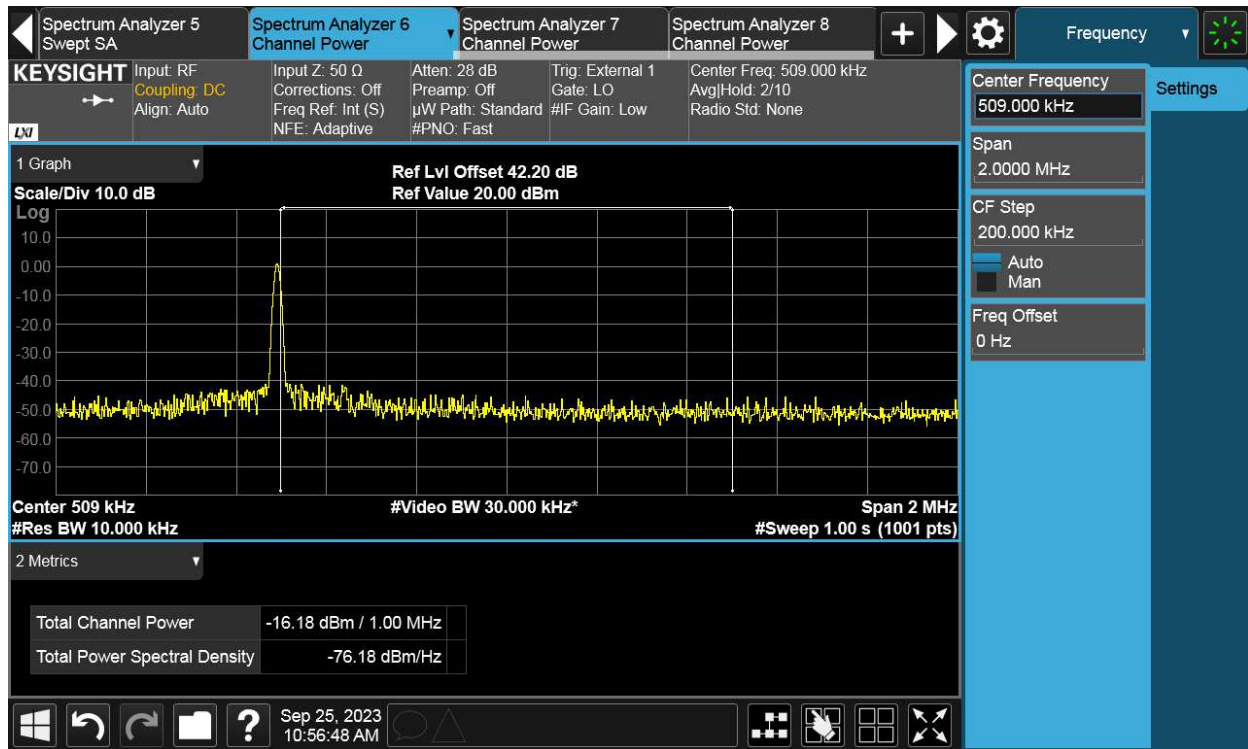
## TEST REPORT



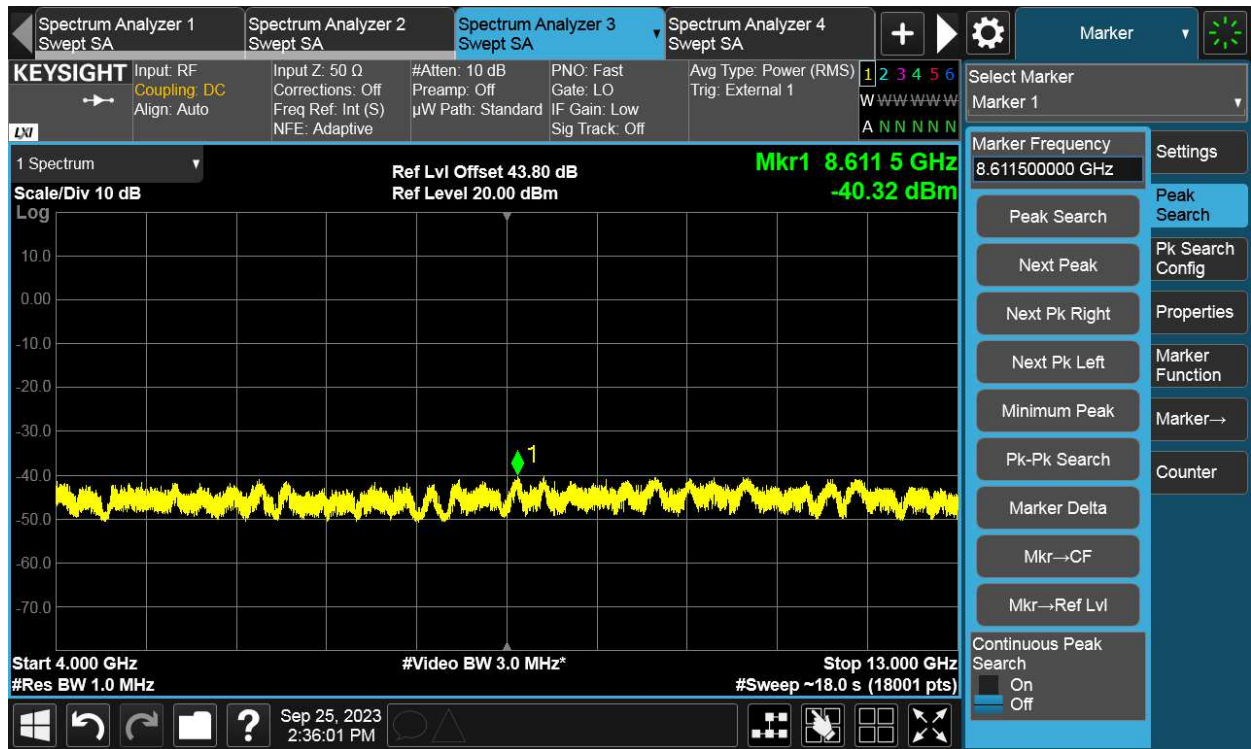
### Channel Position T



## TEST REPORT



## TEST REPORT



Antenna Port	Channel Position	Modulation	Carrier BW (MHz)	RBW (kHz)	Limit (dBm)
A	B	QPSK	30	1000	-16.01
A	T	QPSK	30	1000	-16.01

### Channel Position B

