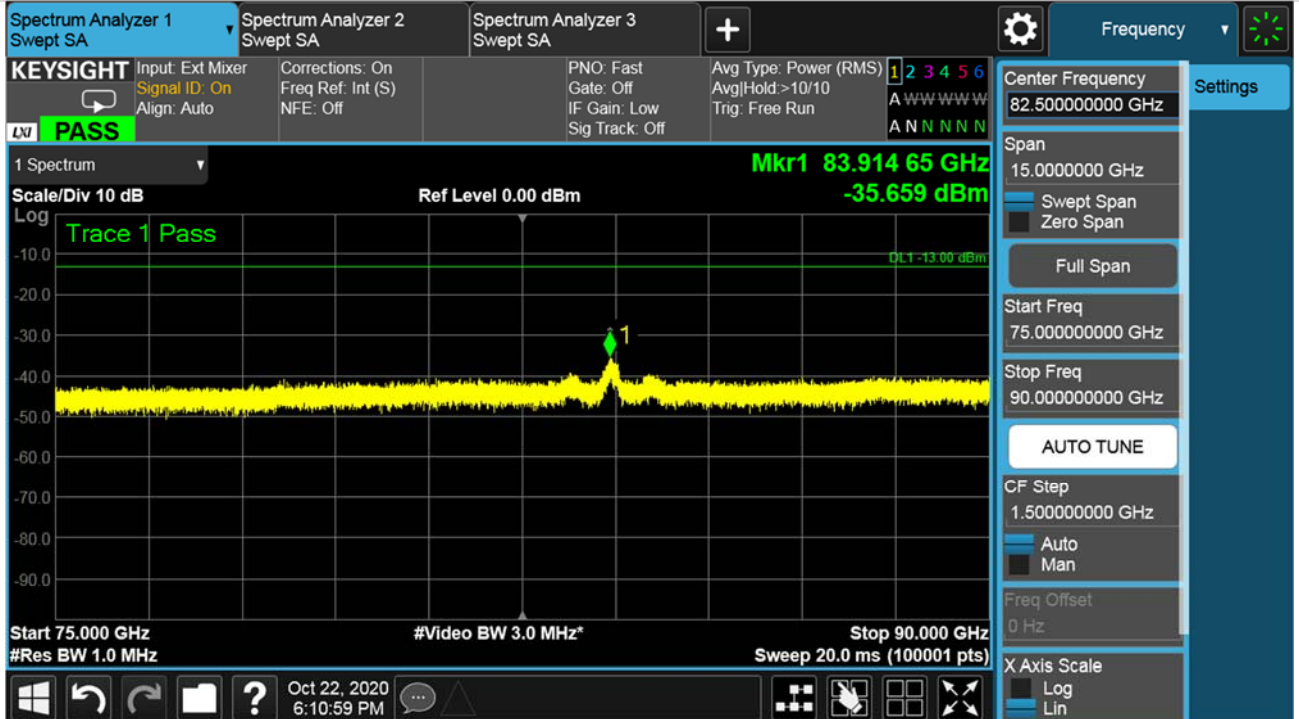
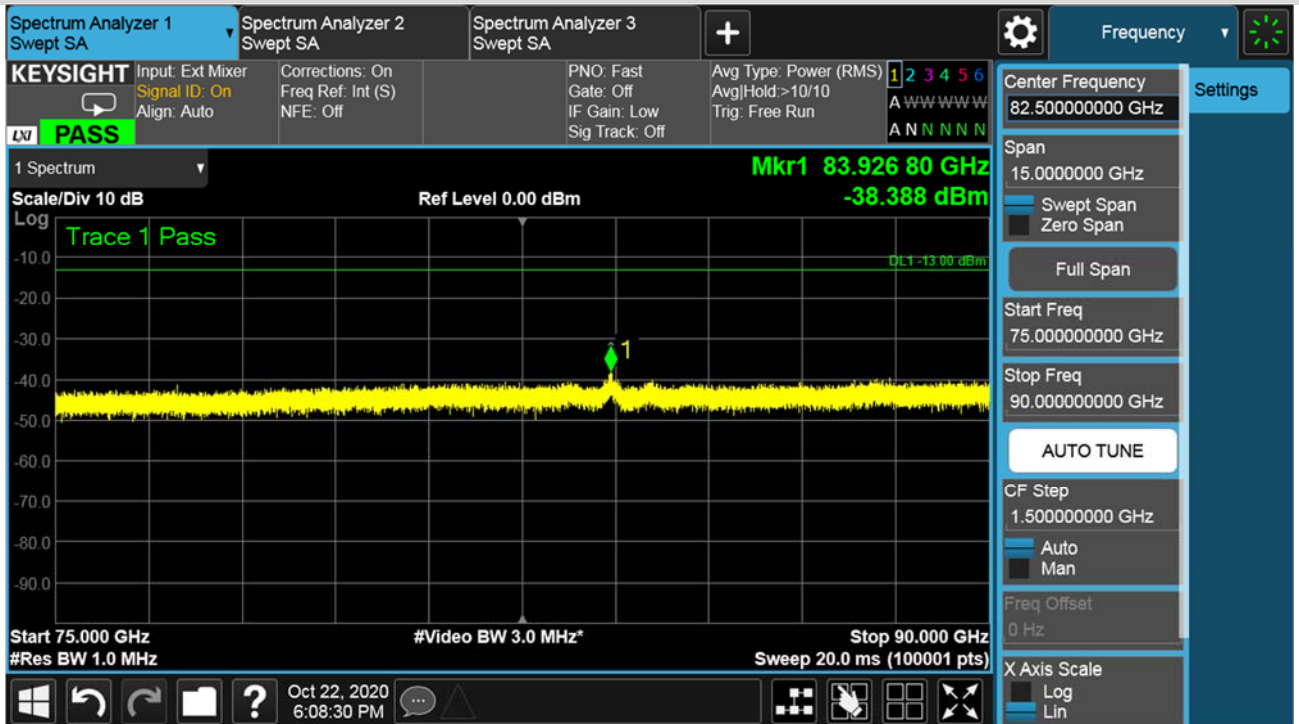


Middle channel: n261-BW:100MHz-2CC-BPSK-Beam ID 63+319 (75 GHz to 90 GHz)

64RB-Horizontal Polarization

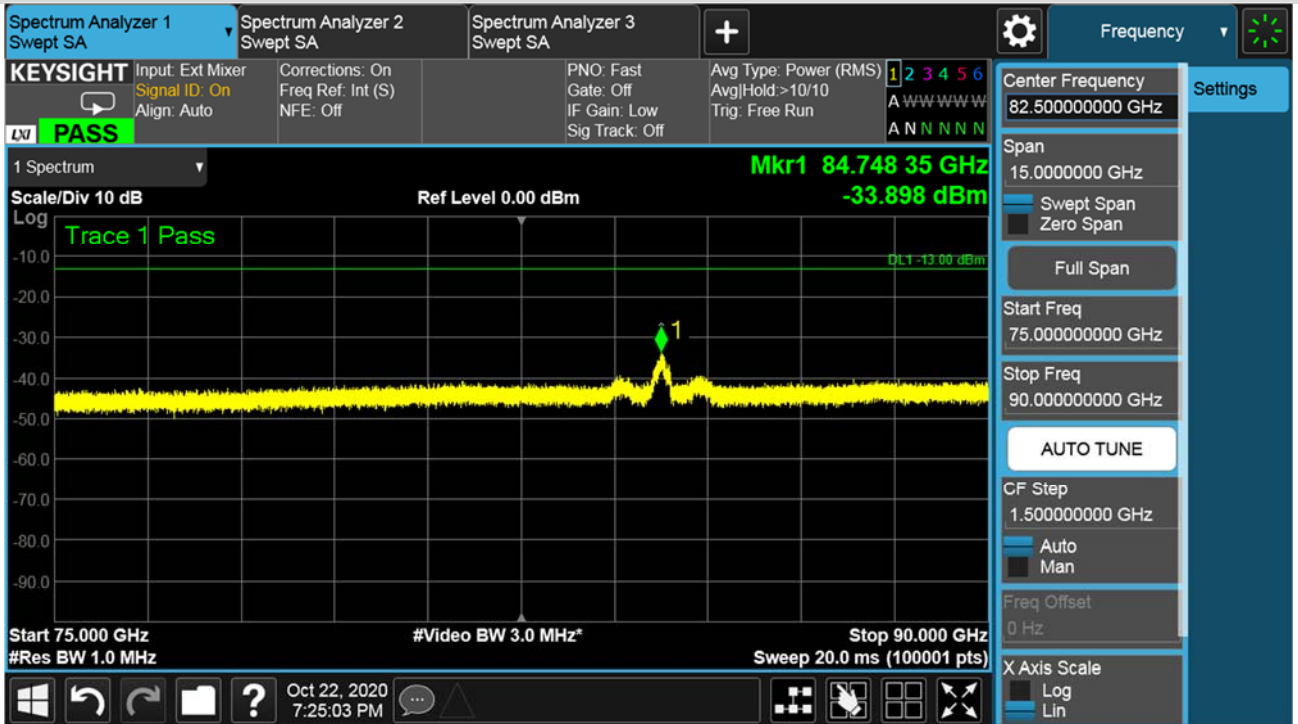


64RB-Vertical Polarization

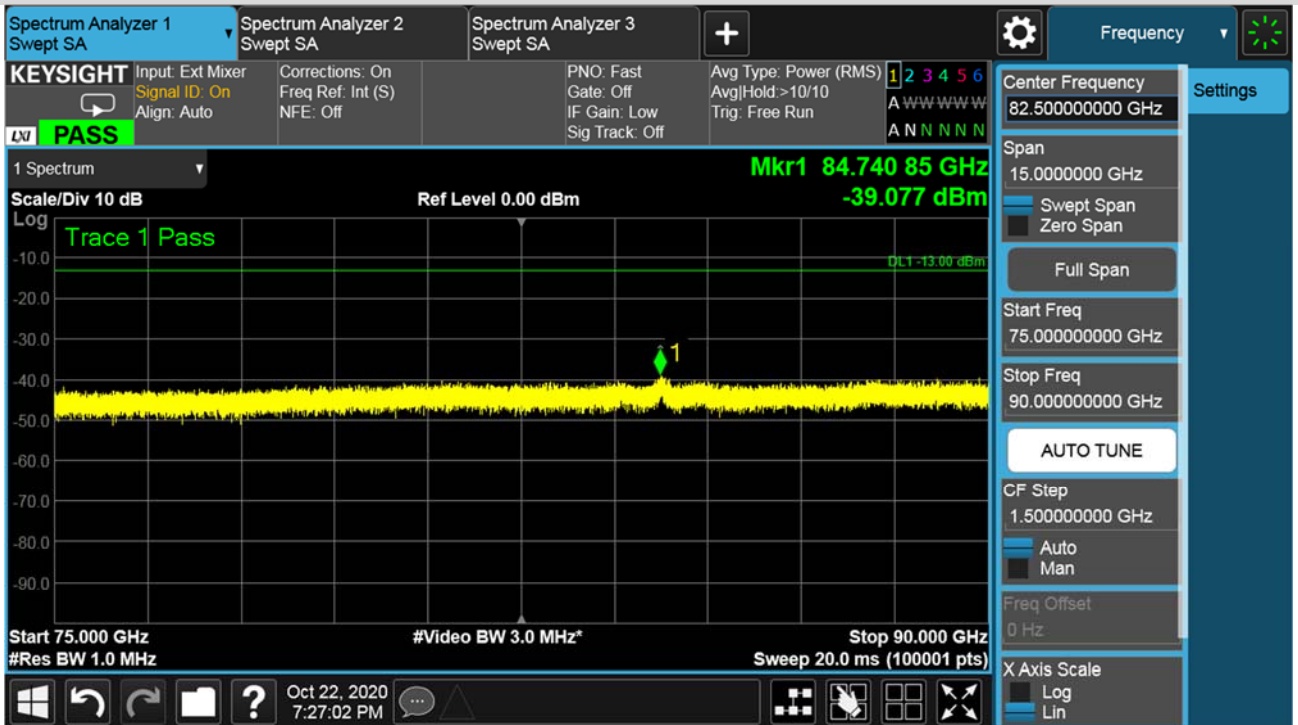


High channel: n261-BW:100MHz-2CC-BPSK-Beam ID 63+319 (75 GHz to 90 GHz)

64RB-Horizontal Polarization



64 RB-Vertical Polarization

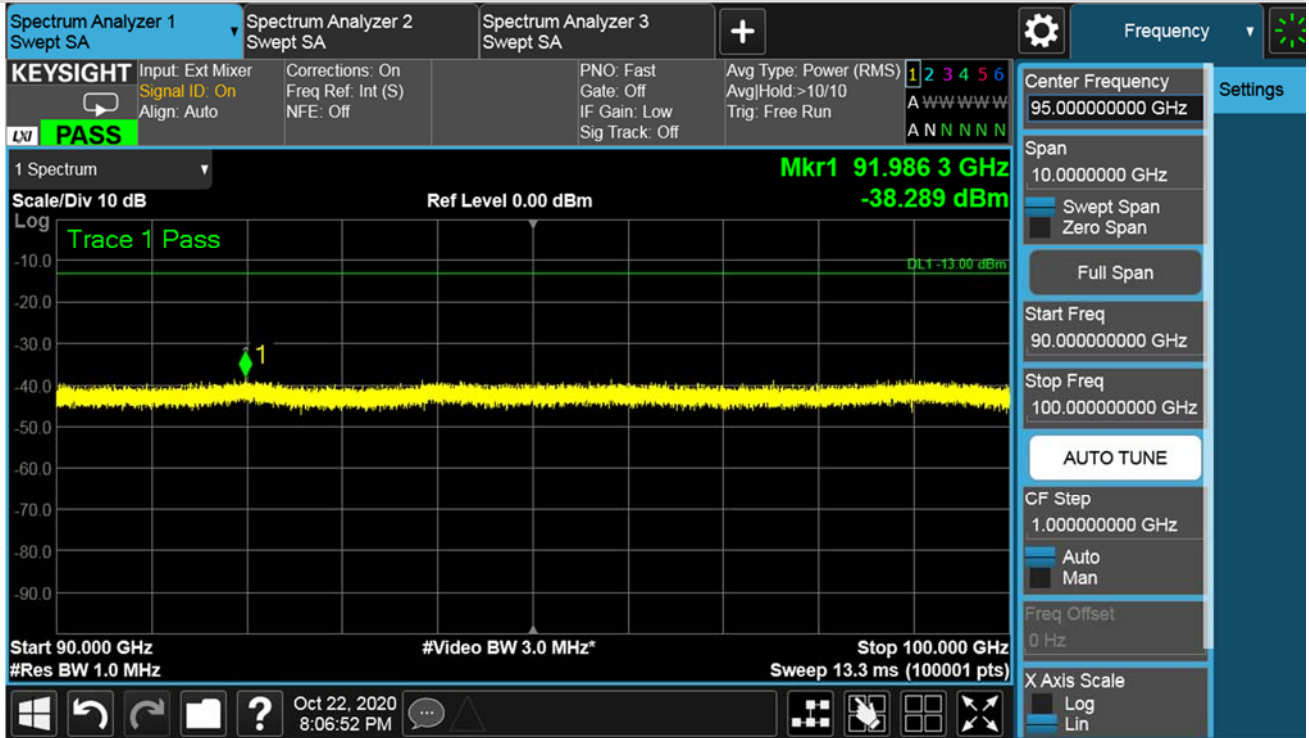


64RB-Vertical Polarization

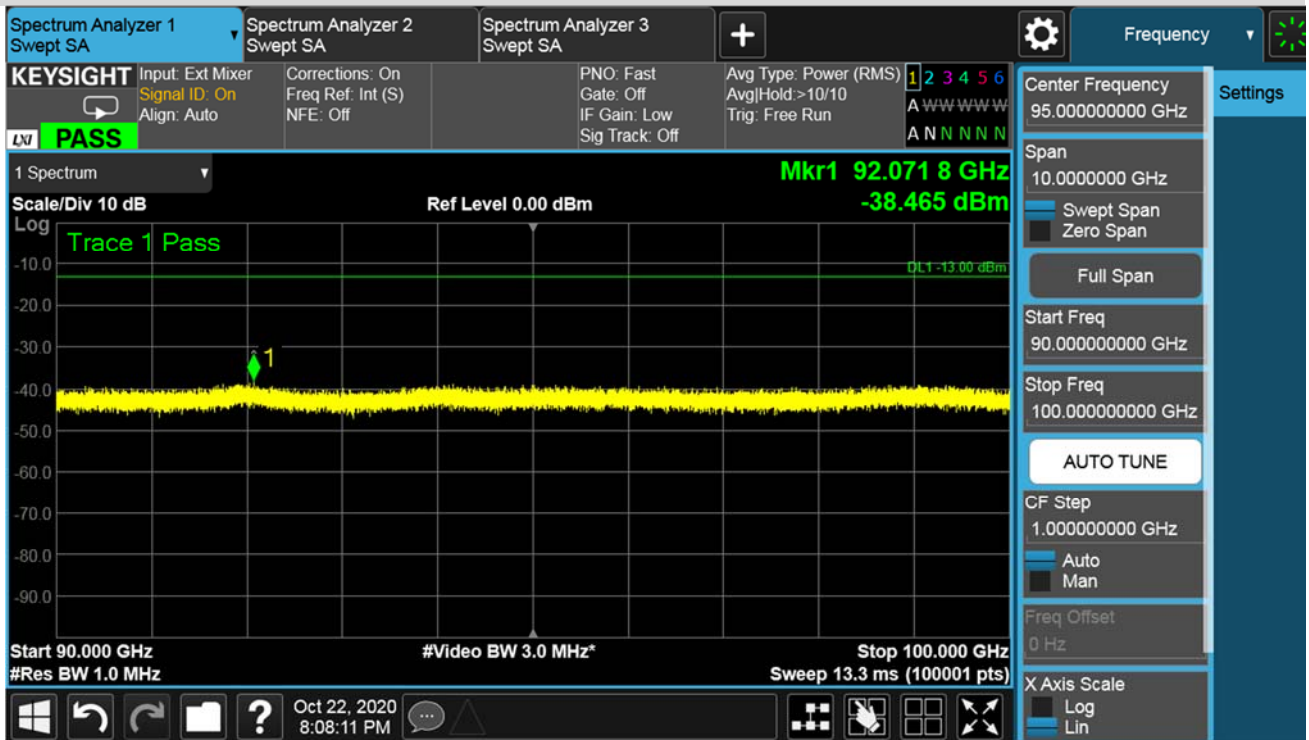
## n261:2CC-BW50MHz-RSE 90GHz to 100GHz

Low channel: n261-BW:50MHz-2CC-BPSK-Beam ID 63+319 (90 GHz to 100 GHz)

### 30RB-Horizontal Polarization

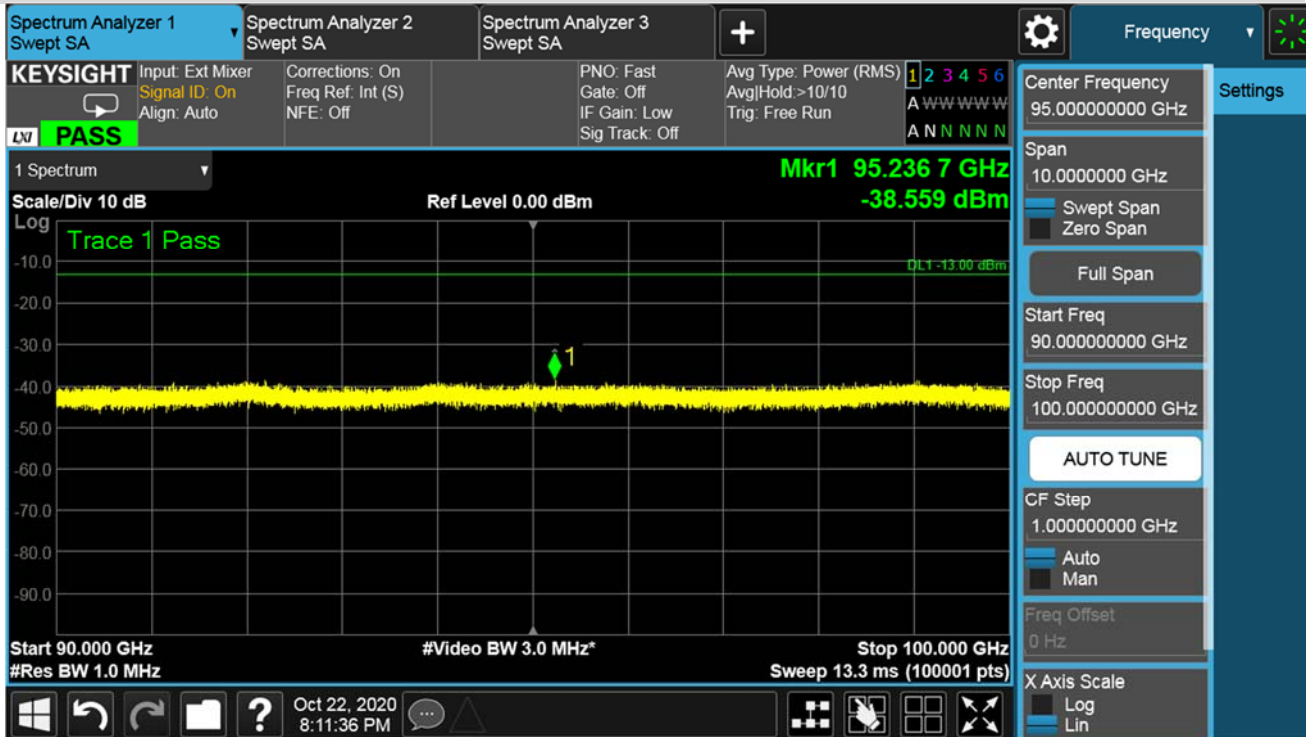


### 30RB-Vertical Polarization

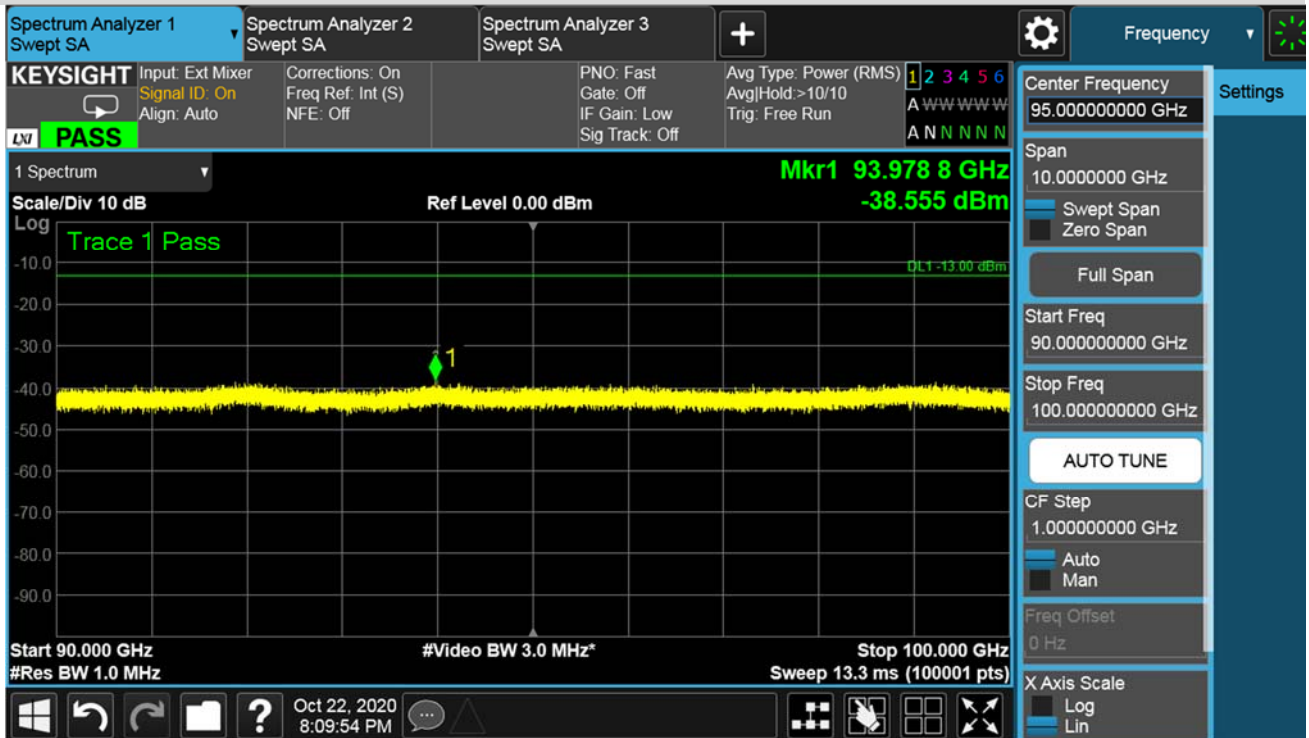


Middle channel: n261-BW:50MHz-2CC-BPSK-Beam ID 63+319 (90 GHz to 100 GHz)

30RB-Horizontal Polarization



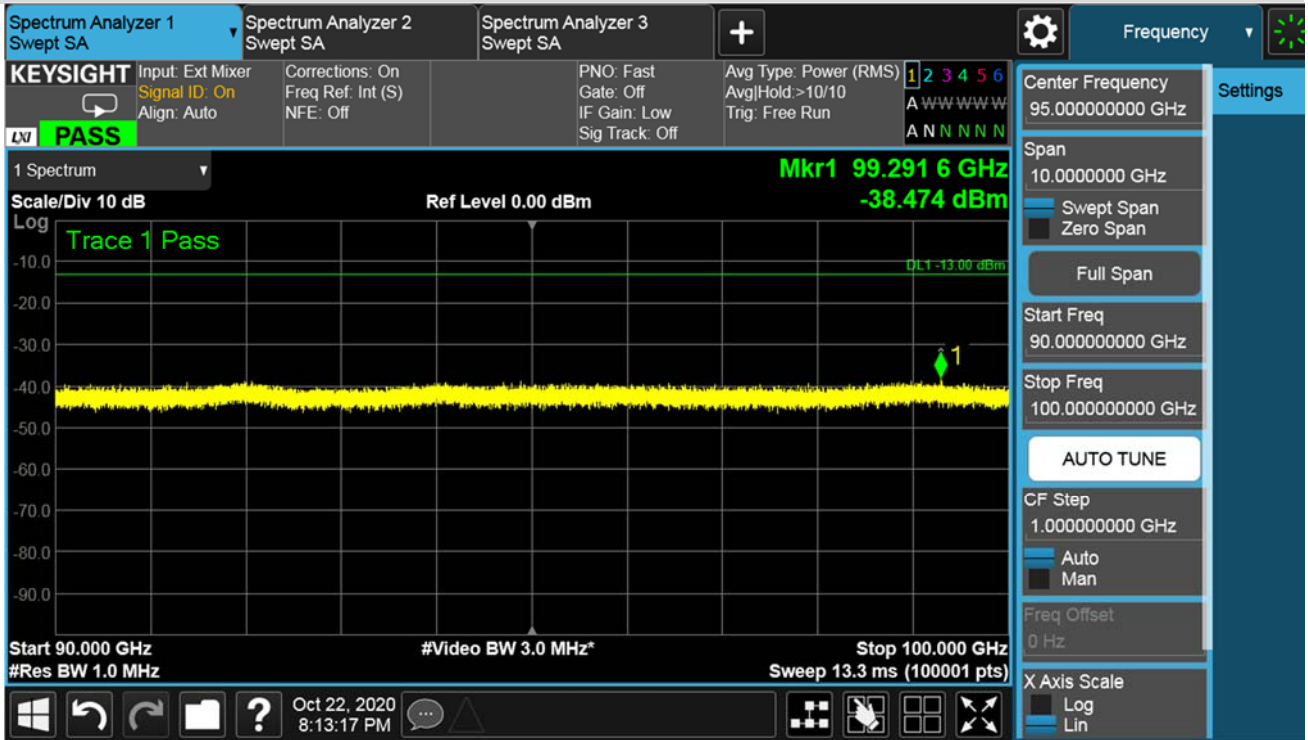
30RB-Vertical Polarization





### High channel: n261-BW:50MHz-2CC-BPSK-Beam ID 63+319 (90 GHz to 100 GHz)

#### 30RB-Horizontal Polarization



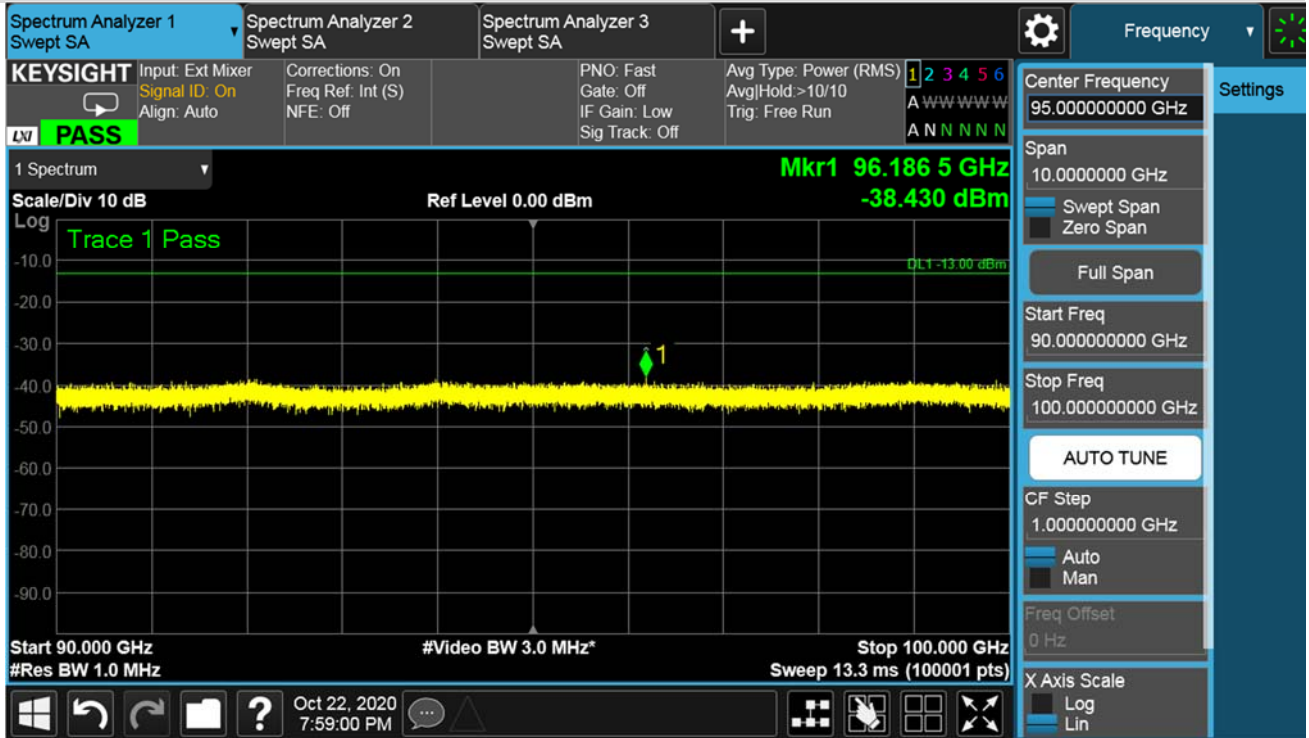
#### 30RB-Vertical Polarization



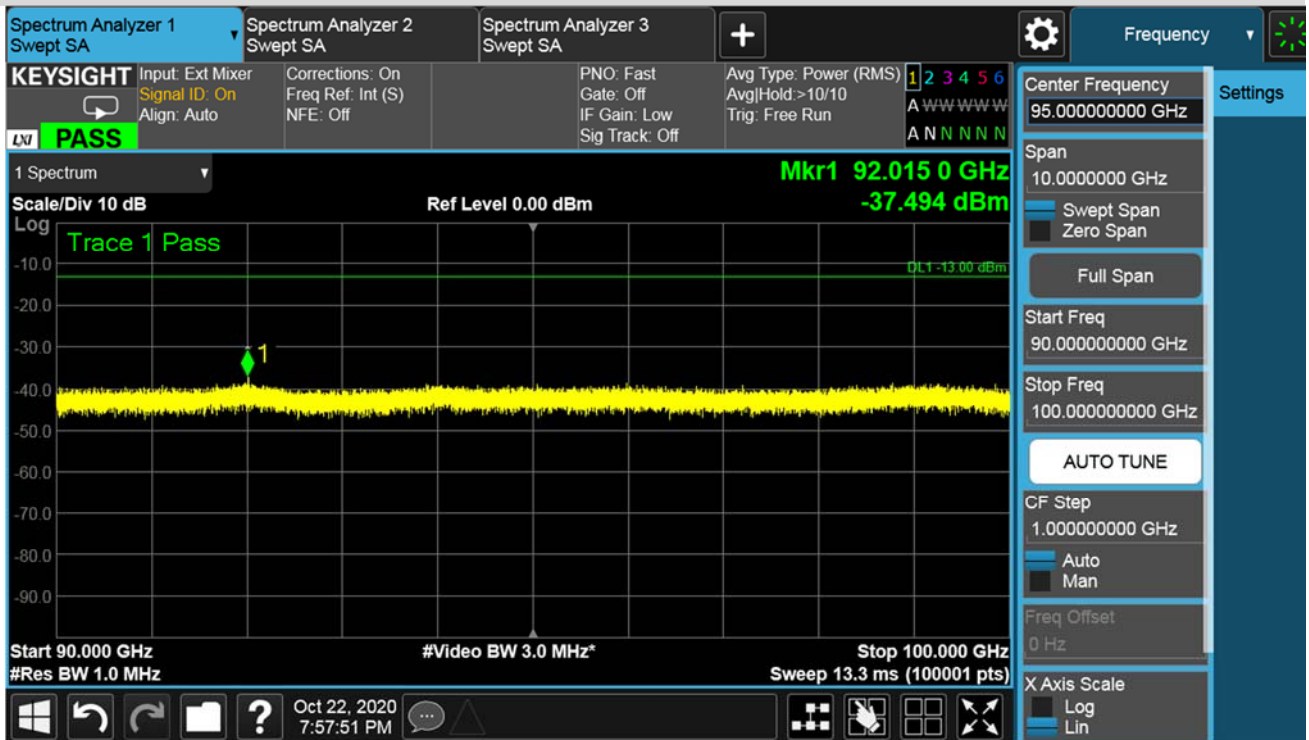
## n261:2CC-BW100MHz-RSE 90GHz to 100GHz

Low channel: n261-BW:100MHz-2CC-BPSK-Beam ID 63+319 (90 GHz to 100 GHz)

### 64RB-Horizontal Polarization

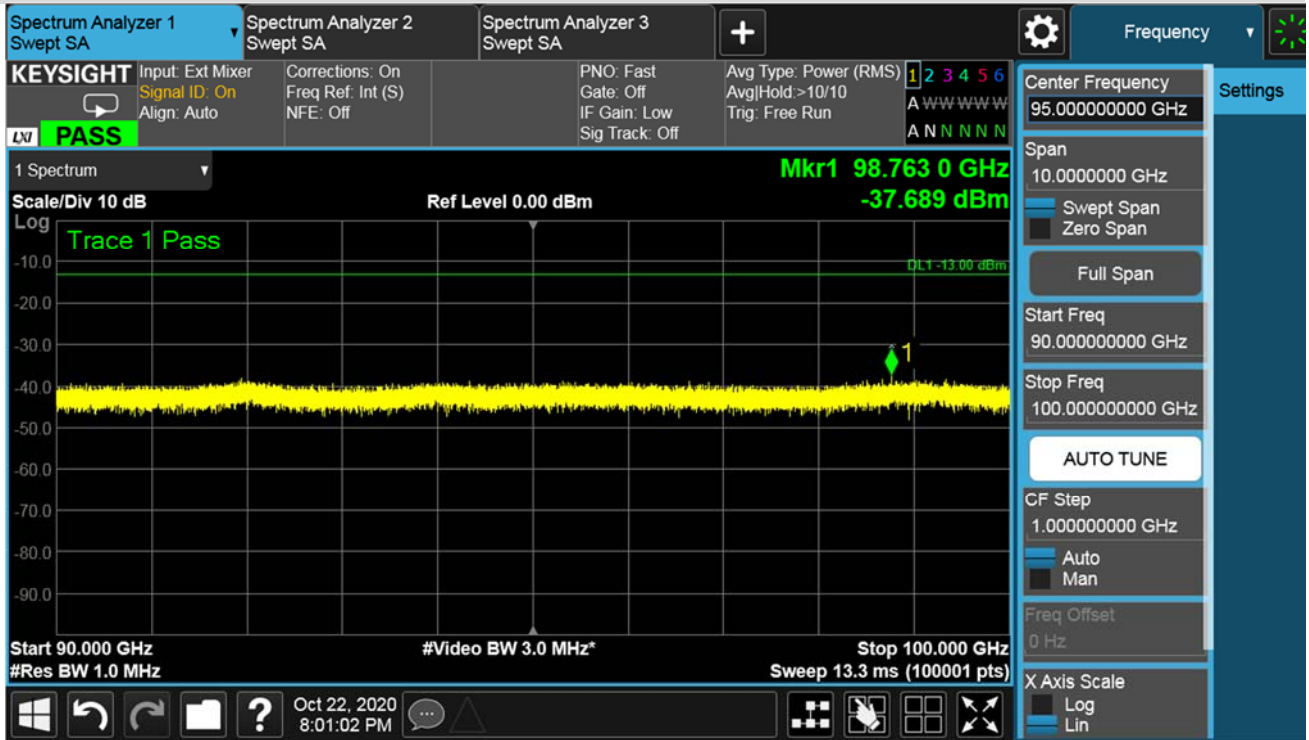


### 64RB-Vertical Polarization

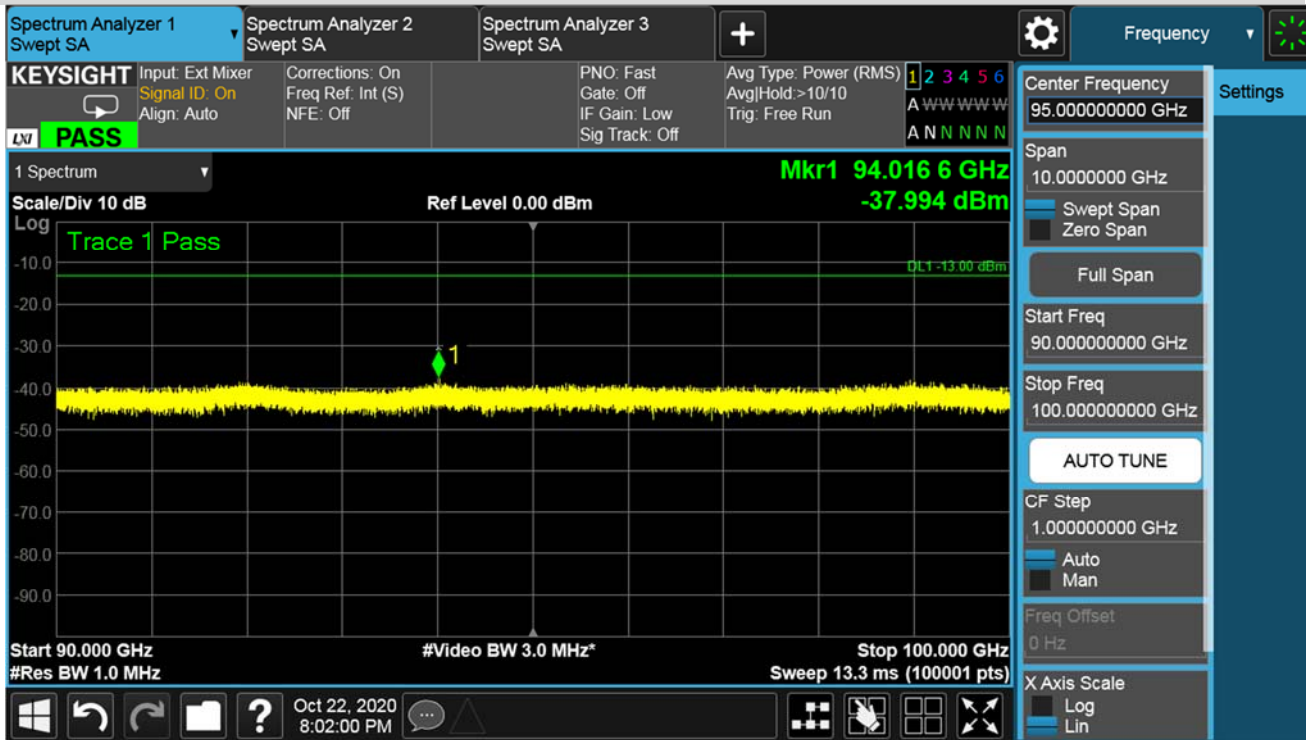


Middle channel: n261-BW:100MHz-2CC-BPSK-Beam ID 63+319 (90 GHz to 100 GHz)

64RB-Horizontal Polarization

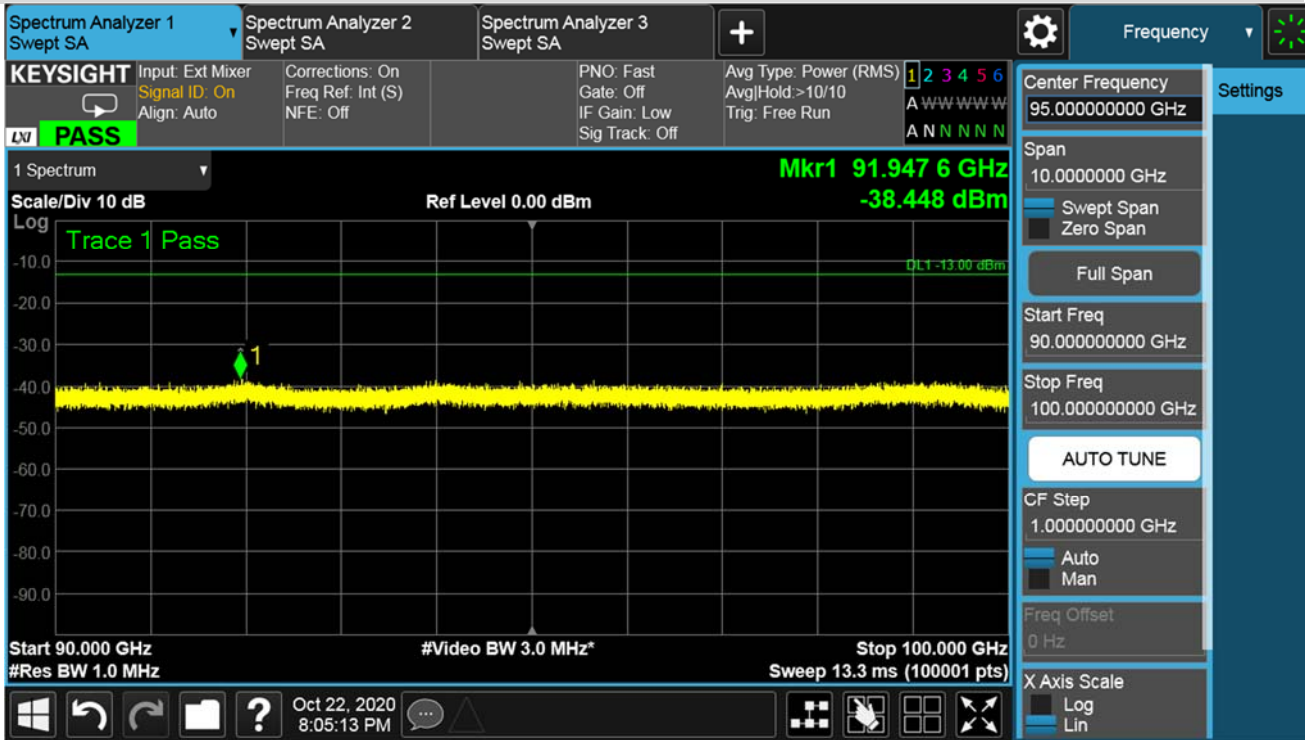


64RB-Vertical Polarization

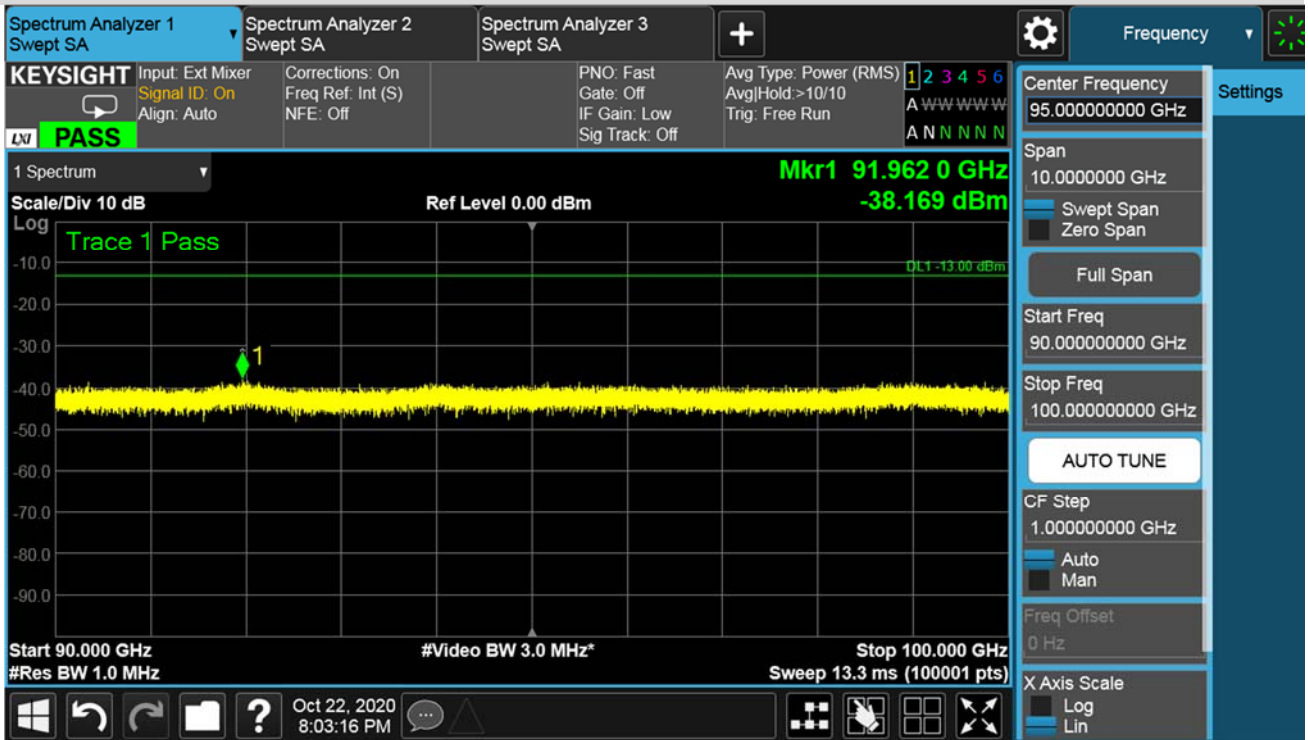


### High channel: n261-BW:100MHz-2CC-BPSK-Beam ID 63+319 (90 GHz to 100 GHz)

#### 64RB-Horizontal Polarization



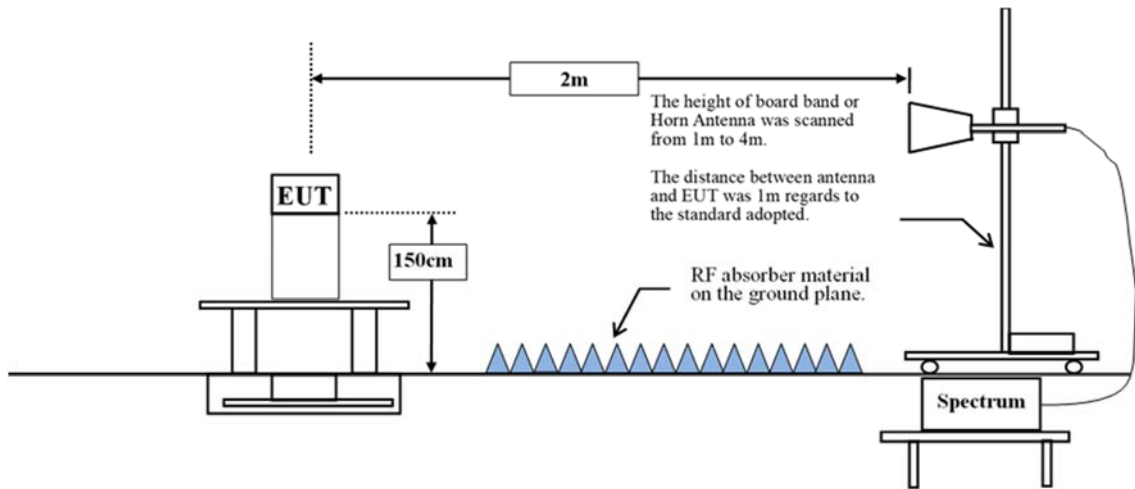
#### 64RB-Vertical Polarization





## 5. Band Edge

### 5.1. Test Setup



### 5.2. Limits

The conductive power or the total radiated power of any emission outside a licensee's frequency block shall be  $-13$  dBm/MHz or lower. However, in the bands immediately outside and adjacent to the licensee's frequency block, having a bandwidth equal to 10 percent of the channel bandwidth, the conductive power or the total radiated power of any emission shall be  $-5$  dBm/MHz or lower.

### 5.3. Test Procedure

The EUT and its simulators are placed on a turn table which is 1.5 meter above ground. The turn table can rotate 360 degrees to determine the axis of the maximum emission level.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10:2013 or C63.4: 2014 on radiated measurement.

Spectrum setting:

1. Start and stop frequency was set such that both lowest and highest band edges are measured.
2. Span = set to large enough so as to measure all out of band emissions near the band edge.
3. Detector = RMS
4. Trace mode = trace average
5. Sweep time = auto couple
6. Number of sweep points  $\geq 2 \times \text{Span}/\text{RBW}$
7. The trace was allowed to stabilize
8. RBW = 1MHz, VBW = 3MHz
9. Antenna Gain at Band Edge:

The conductive power should be obtained from EIRP test result reduced to the below antenna gain.

Test Band	Frequency (GHz)	Antenna Gain (dBi)
n260	37	19.84
	40	19.66
n261	27.5	19.23
	28.35	19.42

#### 5.4. Test Results

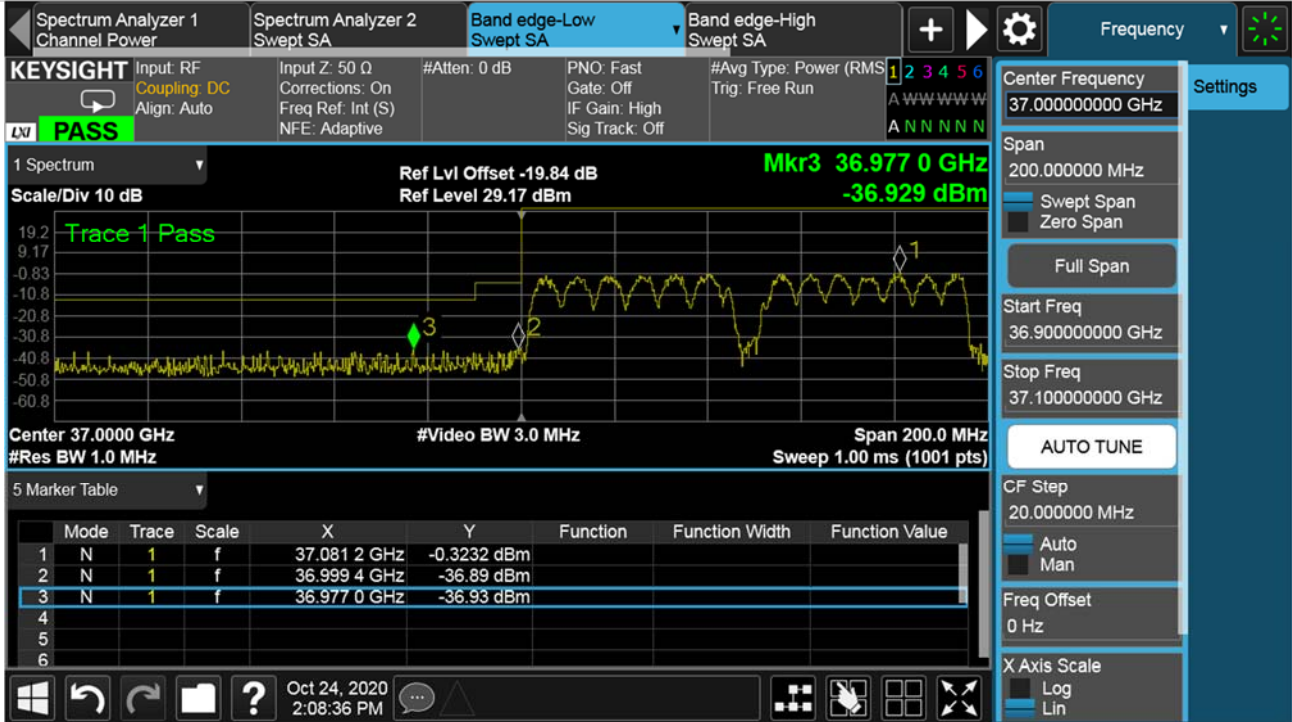
##### Lowest Band edge (n260-2CC-50 MHz)

Bandwidth (MHz)	CC	Modulation	Band edge	Beam ID	Resource block (RB)	Frequency Range (MHz)	Ant. Pol. (H/V)	EIRP (dBm)	Array Gain (dBi)	Conductive Power (dBm)	Limit (dBm)	Margin (dB)
50	2	BPSK	Lowest	63+319	30RB0	36990-37000	H	-17.05	19.84	-36.89	-5	-31.89
							V	-17.35	19.84	-37.19		
						<=36990	H	-17.09	19.84	-36.93	-13	-22.31
							V	-15.47	19.84	-35.31		
50	2	QPSK	Lowest	63+319	Full RB	36990-37000	H	-13.13	19.84	-32.97	-5	-27.56
							V	-12.72	19.84	-32.56		
						<=36990	H	-15.71	19.84	-35.55	-13	-20.56
							V	-13.72	19.84	-33.56		

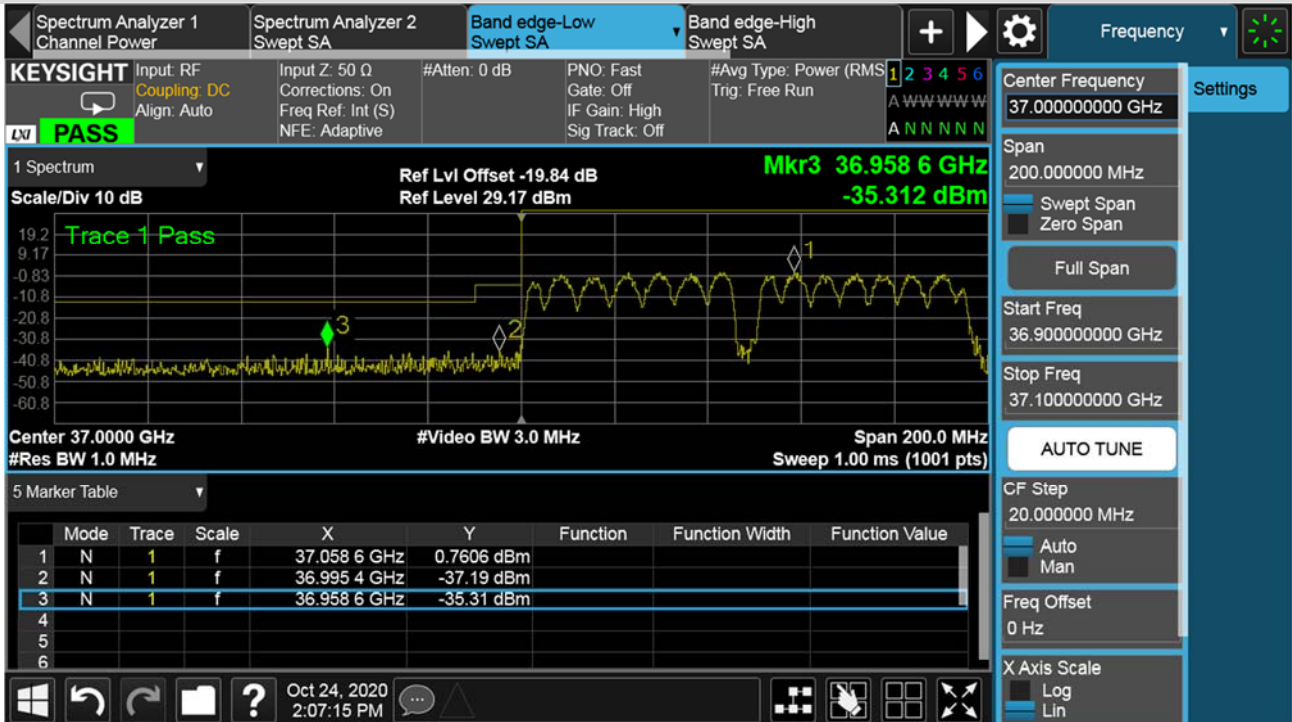
Note: Conductive Power (dBm) = EIRP (dBm) – Antenna Gain (dBi)

Lowest Band edge: n260-BW:50MHz-2CC-BPSK-Beam ID 63 + 319

30RB0-Horizontal Polarization



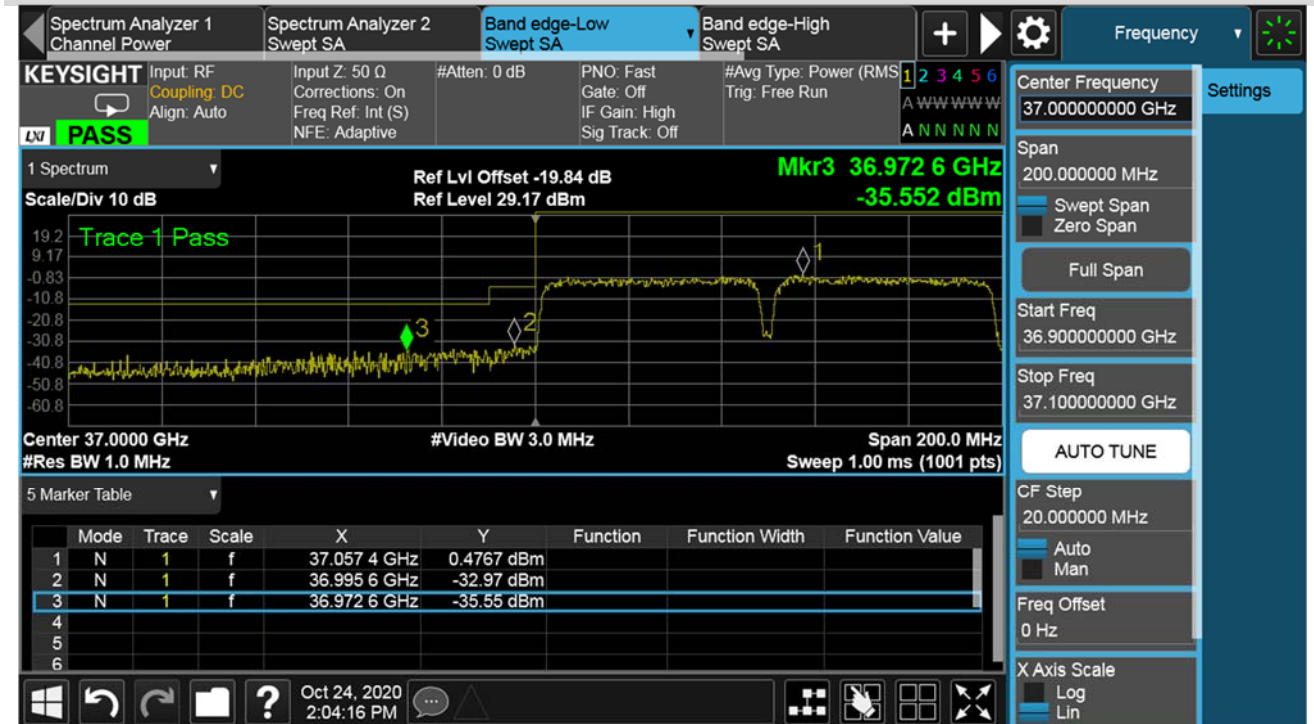
30RB0-Vertical Polarization



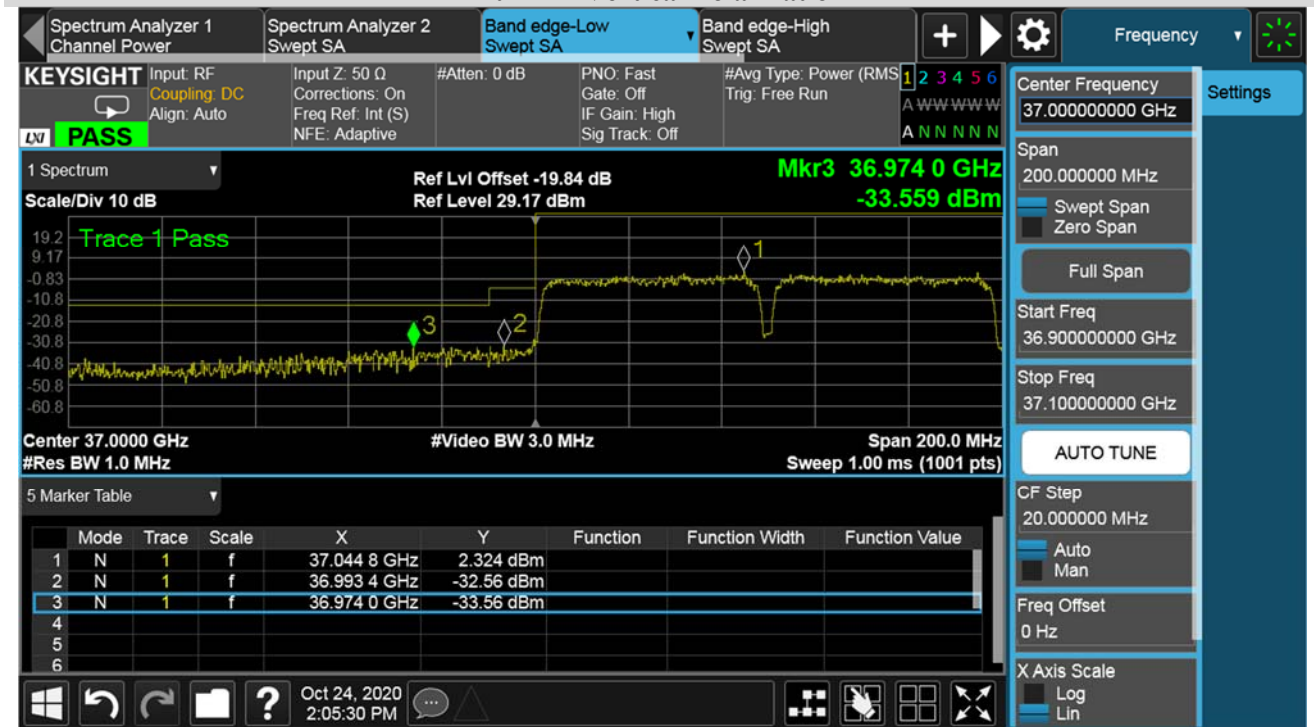


Lowest Band edge: n260-BW:50MHz-2CC-QPSK-Beam ID 63+319

Full RB-Horizontal Polarization



Full RB-Vertical Polarization



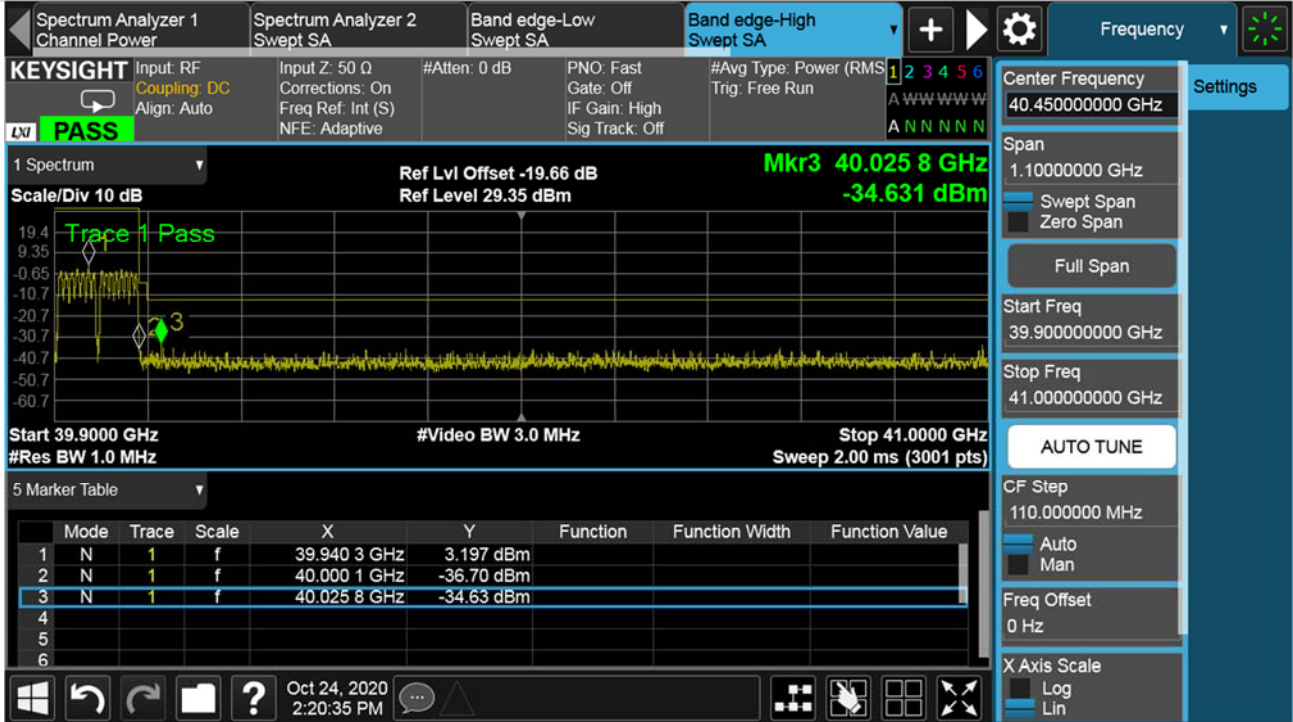
### Highest Band edge (n260-2CC-50 MHz)

Bandwidth (MHz)	CC	Modulation	Band edge	Beam ID	Resource block (RB)	Frequency Range (MHz)	Ant. Pol. (H/V)	EIRP (dBm)	Array Gain (dBi)	Conductive Power (dBm)	Limit (dBm)	Margin (dB)
50	2	BPSK	Highest	63+319	30RB2	40000-40010	H	-17.04	19.66	-36.70	-5	-29.82
							V	-15.16	19.66	-34.82		
						>=40010	H	-14.97	19.66	-34.63	-13	-19.98
							V	-13.32	19.66	-32.98		
50	2	QPSK	Highest	63+319	Full RB	40000-40010	H	-14.13	19.66	-33.79	-5	-26.72
							V	-12.06	19.66	-31.72		
						>=40010	H	-17.42	19.66	-37.08	-13	-23.43
							V	-16.77	19.66	-36.43		

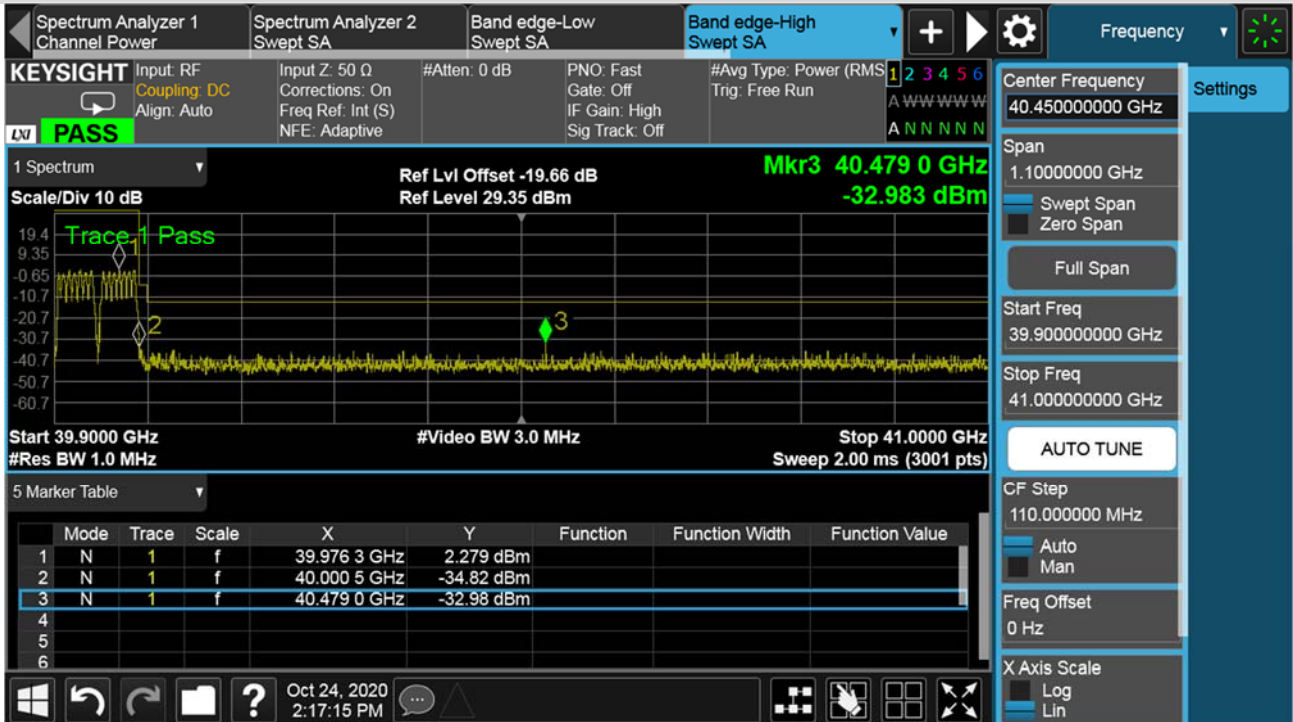
Note: Conductive Power (dBm) = EIRP (dBm) – Antenna Gain (dBi)

Highest Band edge: n260-BW:50MHz-2CC-BPSK-Beam ID 63 + 319

30RB0-Horizontal Polarization

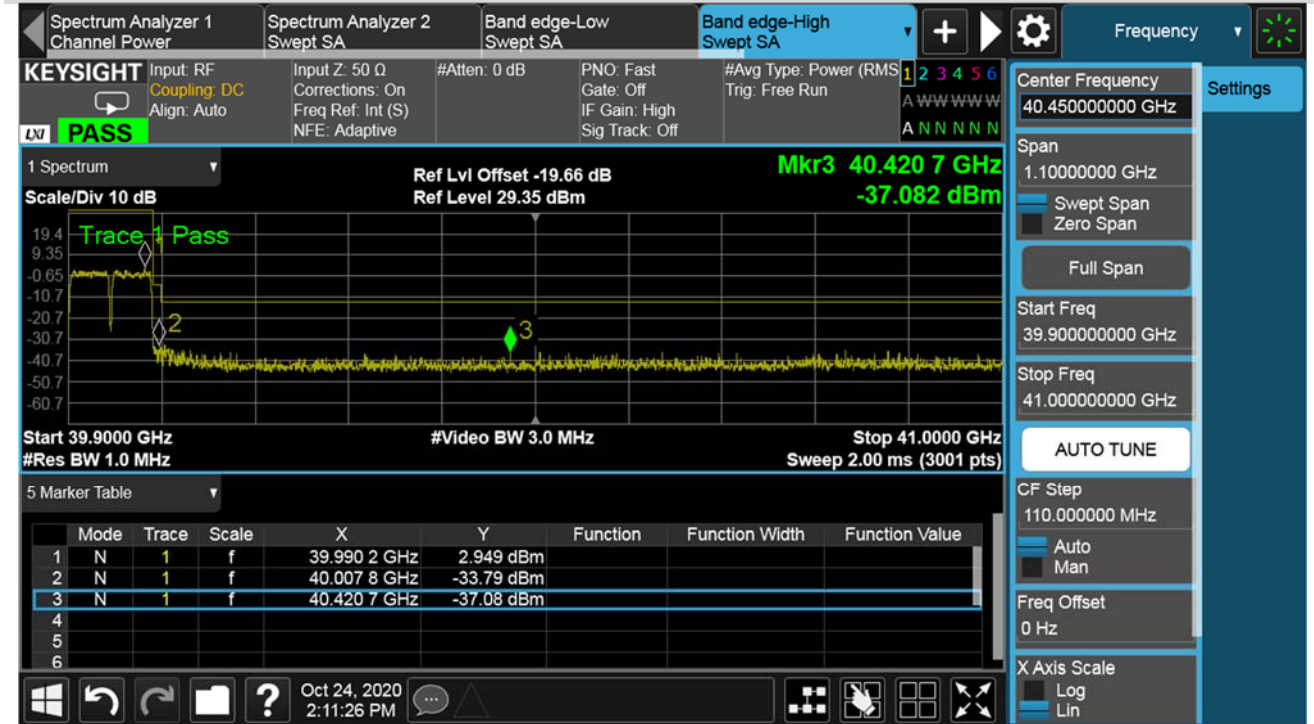


30RB0-Vertical Polarization

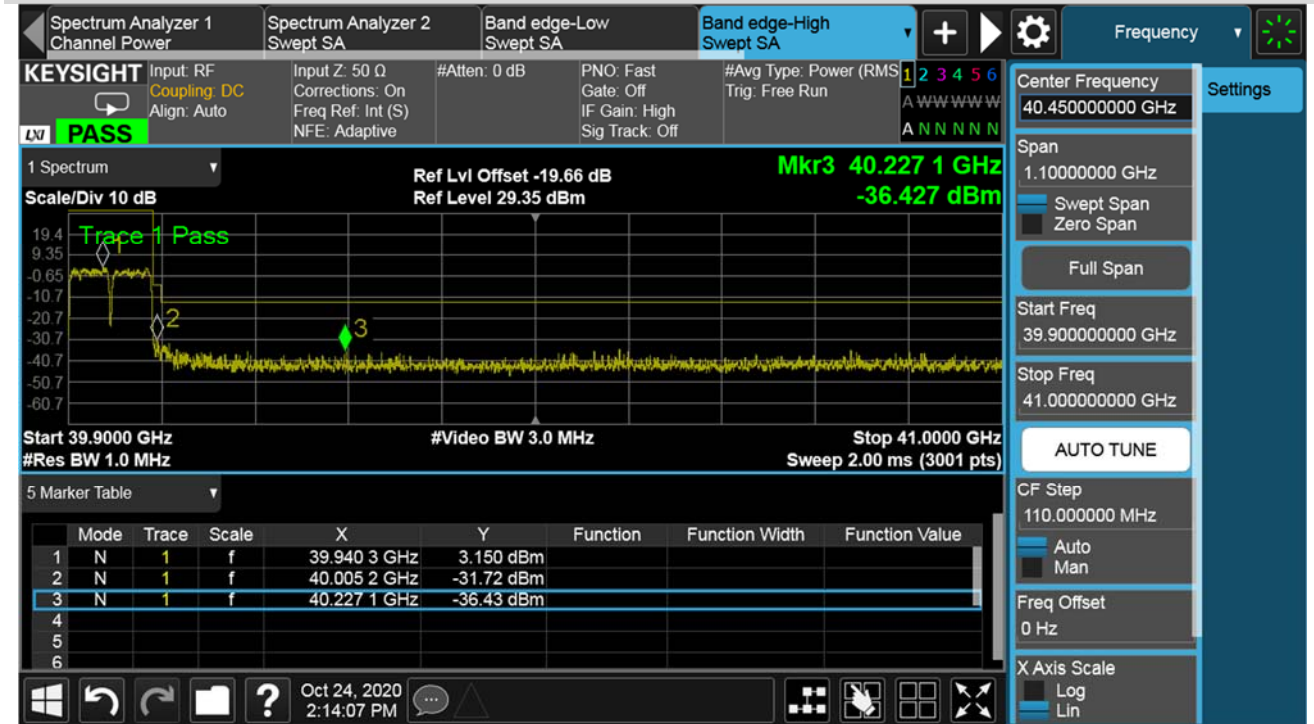


Highest Band edge: n260-BW:50MHz-2CC-QPSK-Beam ID 63+319

Full RB-Horizontal Polarization



Full RB-Vertical Polarization





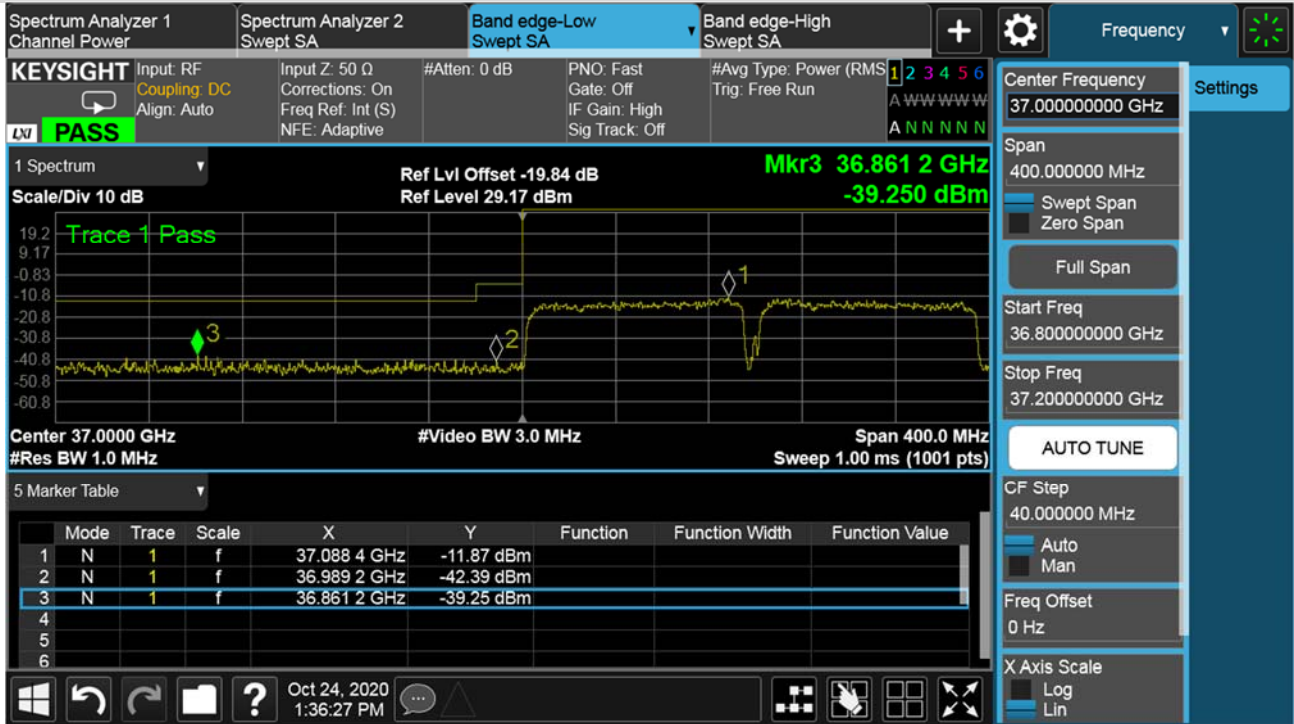
### Lowest Band edge (n260-2CC-100 MHz)

Bandwidth (MHz)	CC	Modulation	Band edge	Beam ID	Resource block (RB)	Frequency Range (MHz)	Ant. Pol. (H/V)	EIRP (dBm)	Array Gain (dBi)	Conductive Power (dBm)	Limit (dBm)	Margin (dB)
100	2	BPSK	Lowest	63+319	64RB0	36980-37000	H	-22.55	19.84	-42.39	-5	-24.62
							V	-9.78	19.84	-29.62		
						<=36980	H	-19.41	19.84	-39.25	-13	-18.97
							V	-12.13	19.84	-31.97		

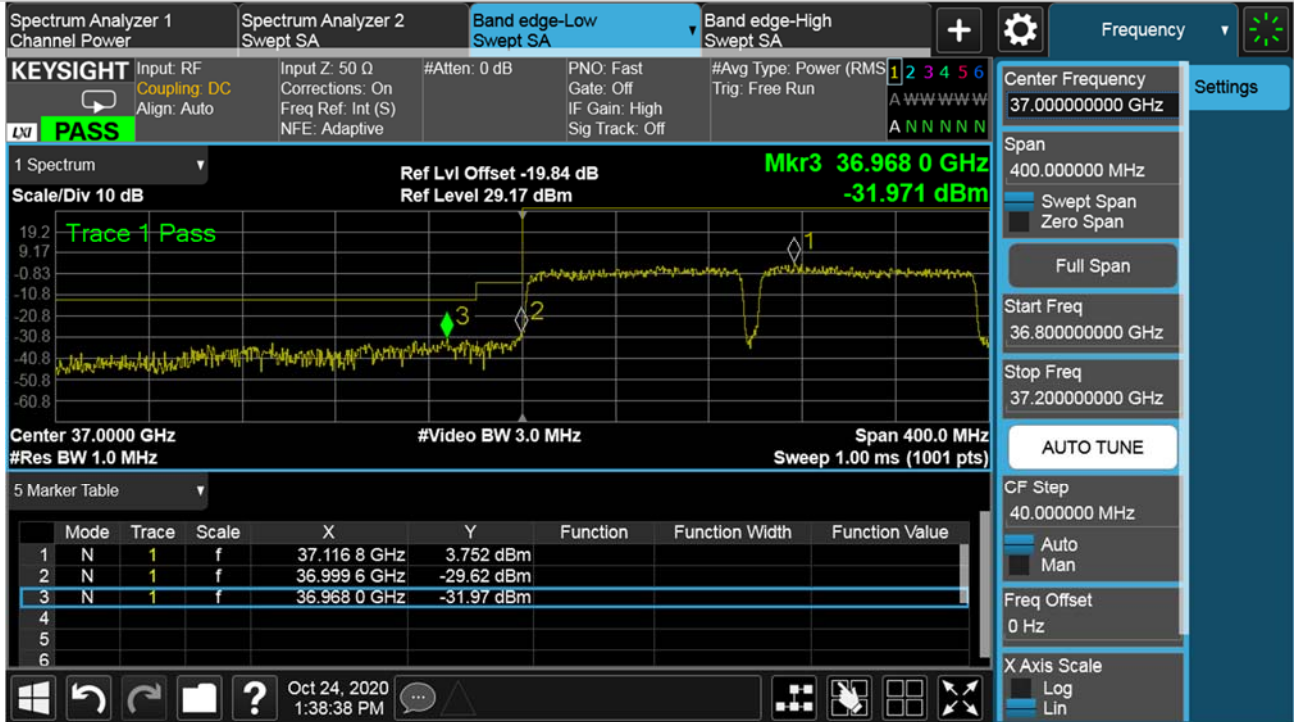
Note: Conductive Power (dBm) = EIRP (dBm) – Antenna Gain (dBi)

Lowest Band edge: n260-BW:100MHz-2CC-BPSK-Beam ID 63 + 319

64RB0-Horizontal Polarization



64RB0-Vertical Polarization



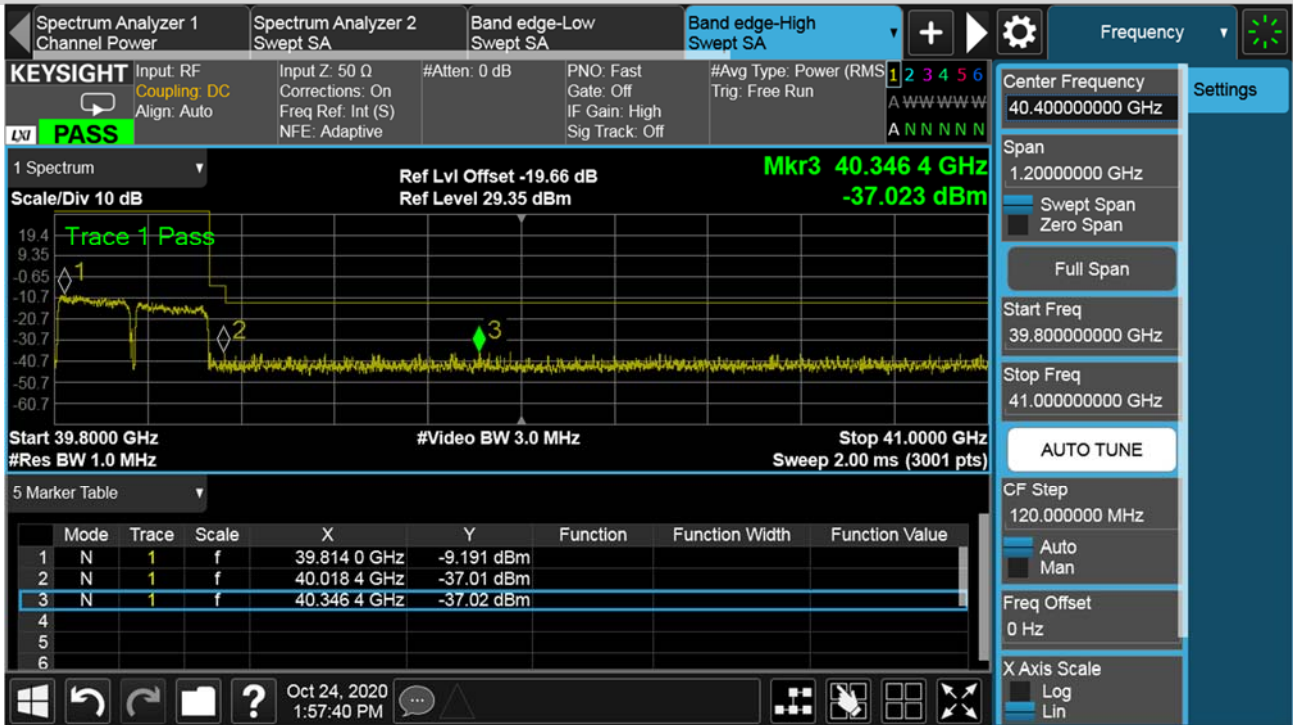
### Highest Band edge (n260-2CC-100 MHz)

Bandwidth (MHz)	CC	Modulation	Band edge	Beam ID	Resource block (RB)	Frequency Range (MHz)	Ant. Pol. (H/V)	EIRP (dBm)	Array Gain (dBi)	Conductive Power (dBm)	Limit (dBm)	Margin (dB)
100	2	BPSK	Highest	63+319	64RB2	40000- 40020	H	-17.35	19.66	-37.01	-5	-29.34
							V	-14.68	19.66	-34.34		
						>=40020	H	-17.36	19.66	-37.02	-13	-22.30
							V	-15.64	19.66	-35.30		

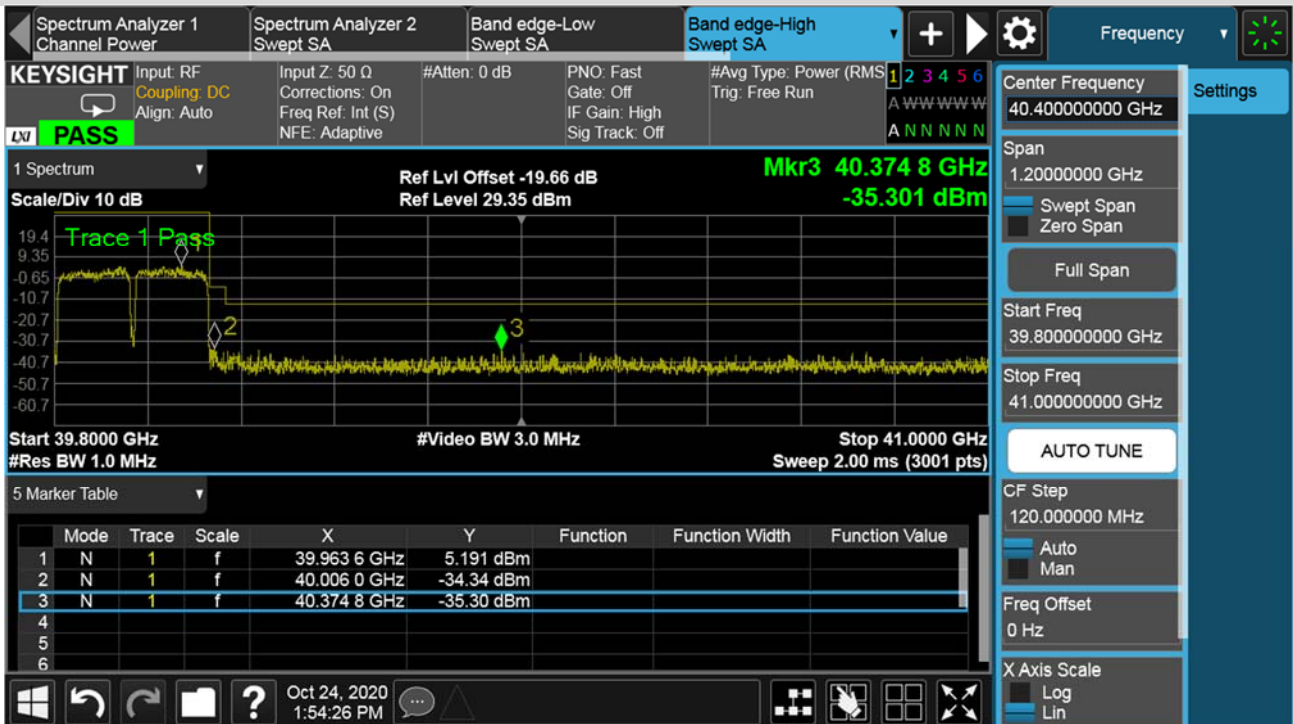
Note: Conductive Power (dBm) = EIRP (dBm) – Antenna Gain (dBi)

Highest Band edge: n260-BW:100MHz-2CC-BPSK-Beam ID 63 + 319

64RB2-Horizontal Polarization



64RB2-Vertical Polarization





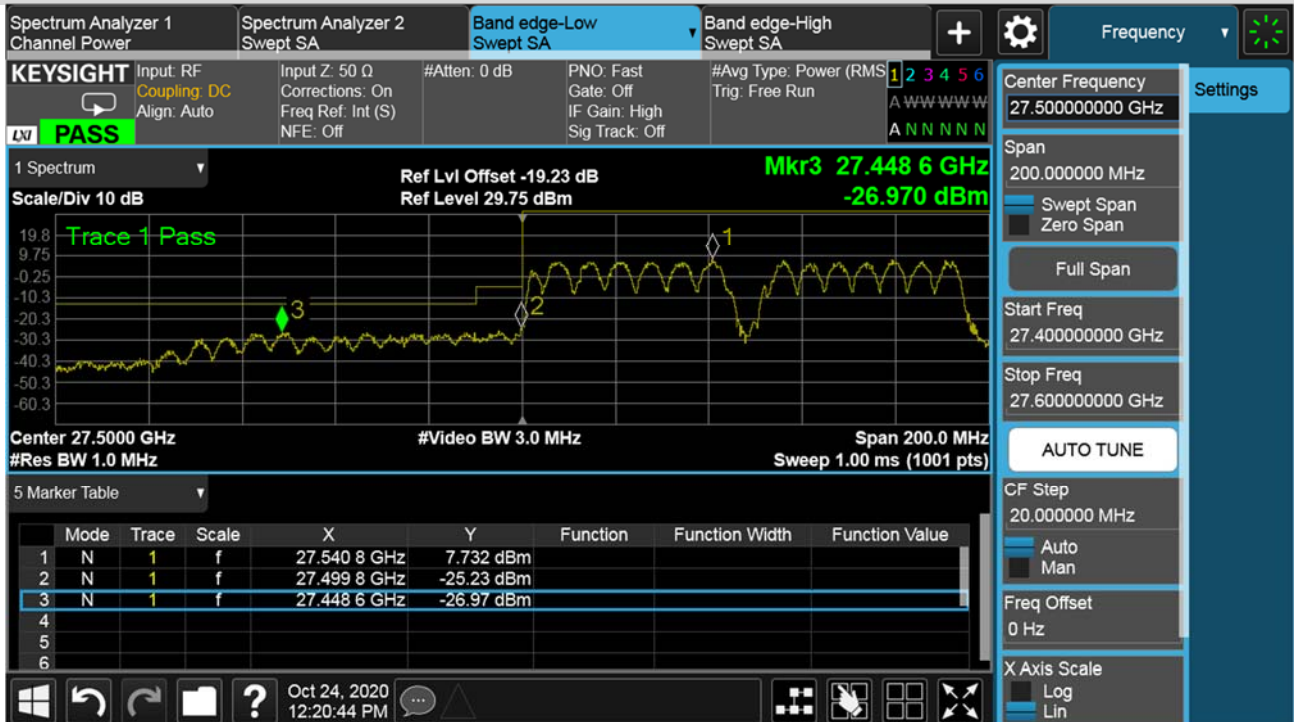
### Lowest Band edge (n261-2CC-50 MHz)

Bandwidth (MHz)	CC	Modulation	Band edge	Beam ID	Resource block (RB)	Frequency Range (MHz)	Ant. Pol. (H/V)	EIRP (dBm)	Array Gain (dBi)	Conductive Power (dBm)	Limit (dBm)	Margin (dB)
50	2	BPSK	Lowest	63+319	30RB0	27490-	H	-6.00	19.23	-25.23	-5	-20.23
						27500	V	-6.11	19.23	-25.34		
						<=27490	H	-7.74	19.23	-26.97	-13	-12.69
							V	-6.46	19.23	-25.69		
50	2	QPSK	Lowest	63+319	Full RB	27490-	H	-6.66	19.23	-25.89	-5	-20.63
						27500	V	-6.40	19.23	-25.63		
						<=27490	H	-7.50	19.23	-26.73	-13	-13.73
							V	-8.74	19.23	-27.97		

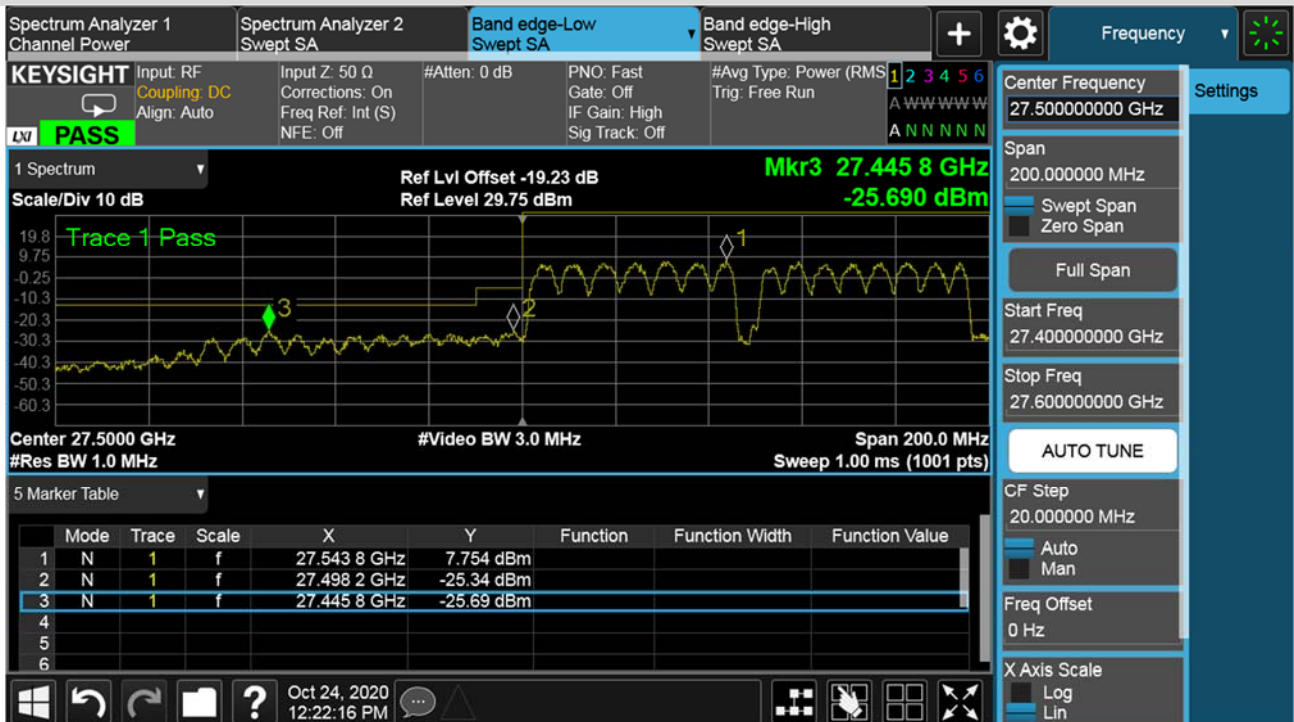
Note: Conductive Power (dBm) = EIRP (dBm) – Antenna Gain (dBi)

Lowest Band edge: n261-BW:50MHz-2CC-BPSK-Beam ID 63 + 319

30RB0-Horizontal Polarization

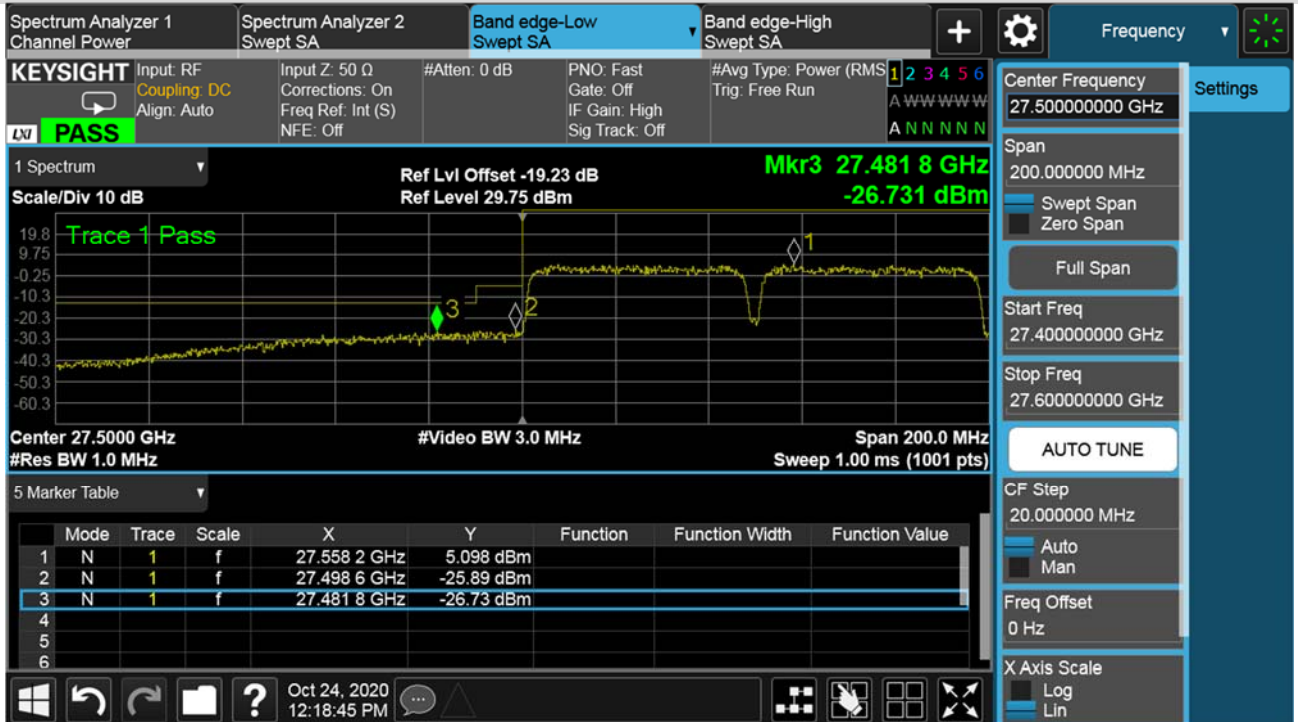


30RB0-Vertical Polarization

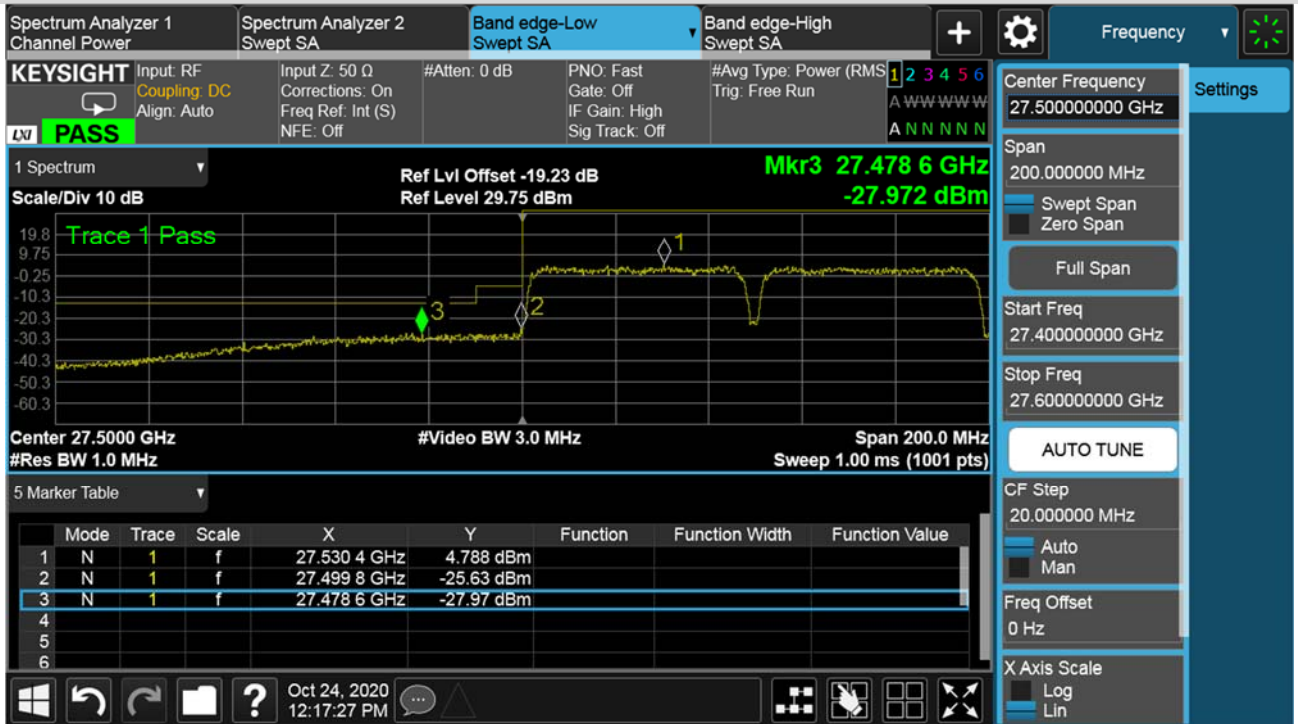


Lowest Band edge: n261-BW:50MHz-2CC-QPSK-Beam ID 63+319

Full RB-Horizontal Polarization



Full RB-Vertical Polarization



### Highest Band edge (n261-2CC-50 MHz)

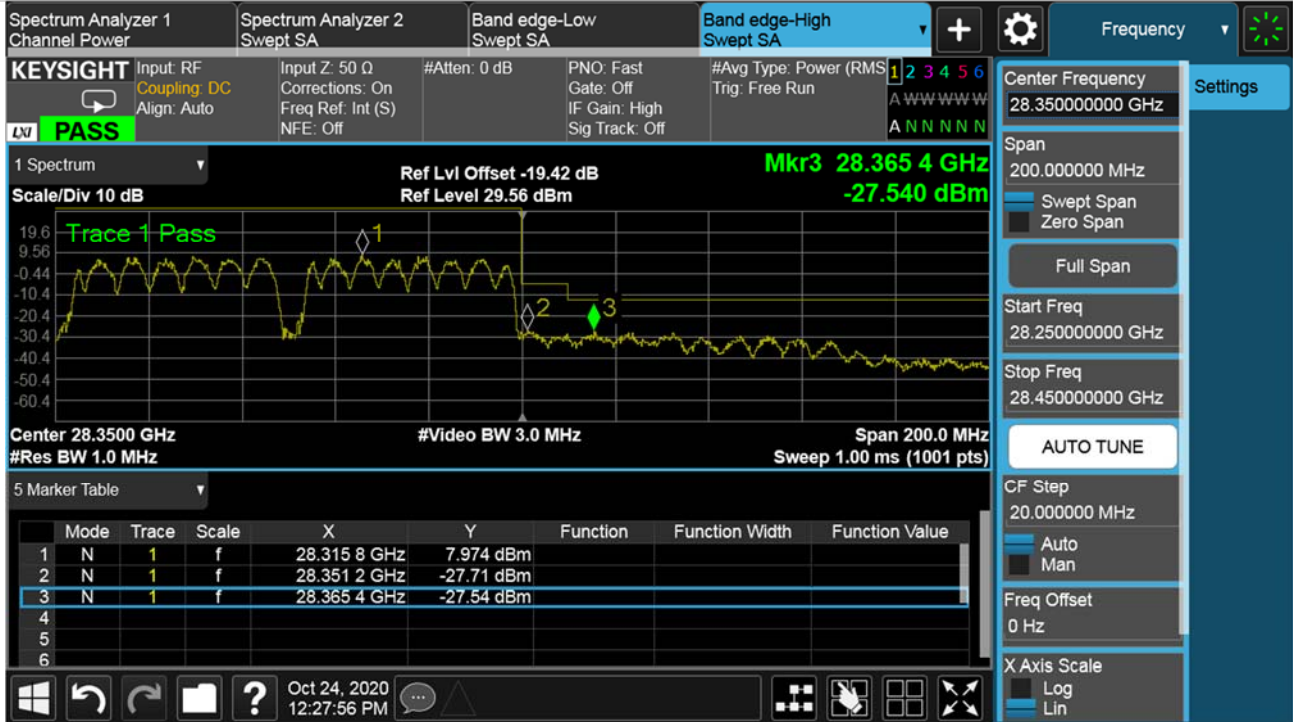
Bandwidth (MHz)	CC	Modulation	Band edge	Beam ID	Resource block (RB)	Frequency Range (MHz)	Ant. Pol. (H/V)	EIRP (dBm)	Array Gain (dBi)	Conductive Power (dBm)	Limit (dBm)	Margin (dB)
50	2	BPSK	Highest	63+319	30RB2	28350-	H	-8.29	19.42	-27.71	-5	-22.71
						28360	V	-8.88	19.42	-28.30		
						>=28360	H	-8.12	19.42	-27.54	-13	-14.54
							V	-9.47	19.42	-28.89		
50	2	QPSK	Highest	63+319	Full RB	28350-	H	-8.37	19.42	-27.79	-5	-22.79
						28360	V	-8.90	19.42	-28.32		
						>=28360	H	-8.47	19.42	-27.89	-13	-14.89
							V	-8.82	19.42	-28.24		

Note: Conductive Power (dBm) = EIRP (dBm) – Antenna Gain (dBi)



Highest Band edge: n261-BW:50MHz-2CC-BPSK-Beam ID 63 + 319

30RB2-Horizontal Polarization



30RB2-Vertical Polarization

