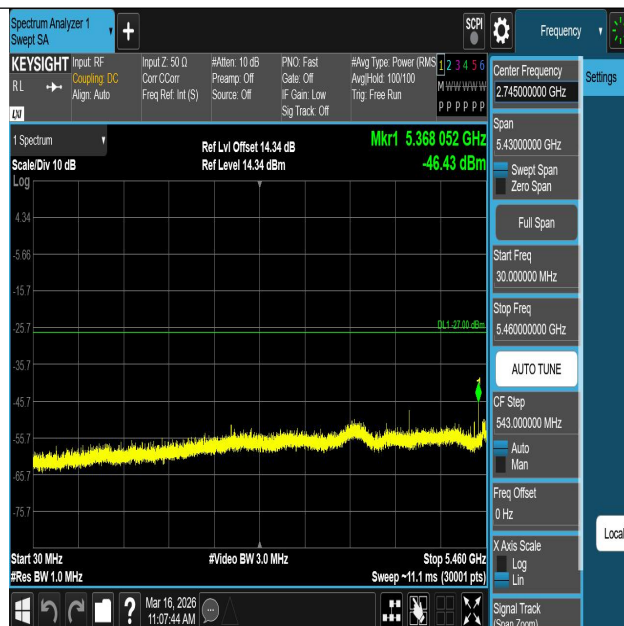
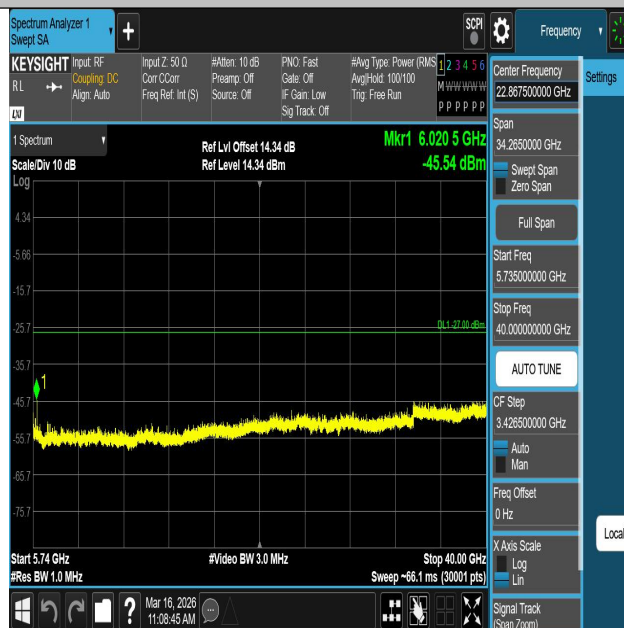
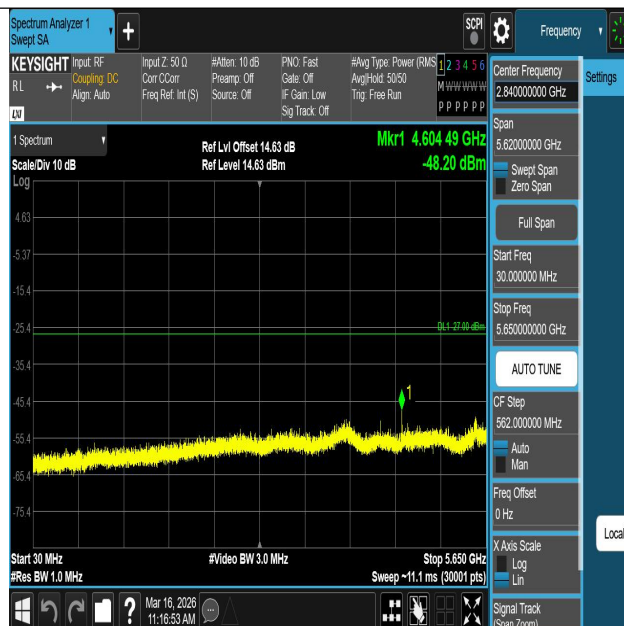




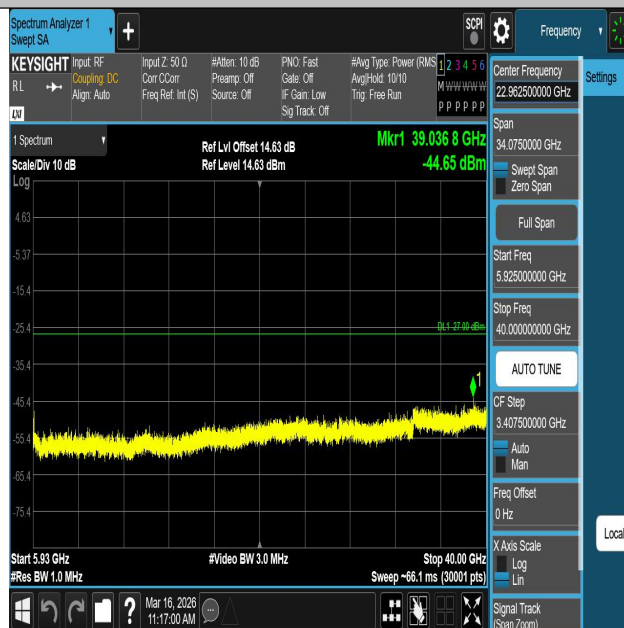
11AX40SISO-Ant1-5670-30~5460-PASS



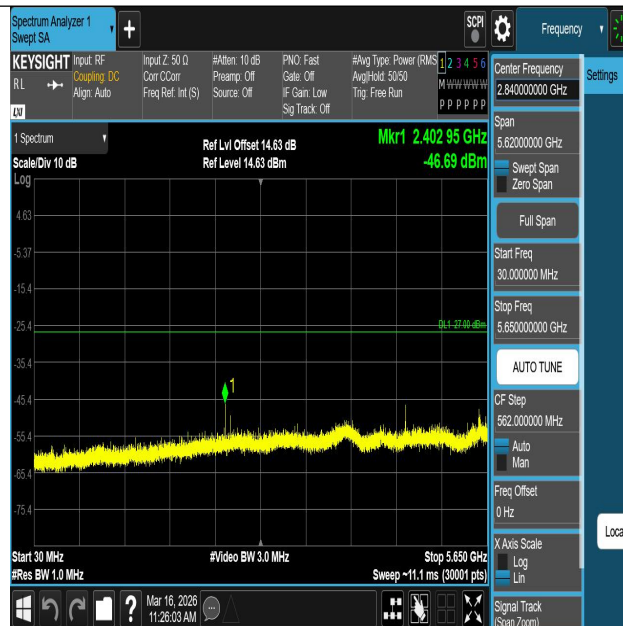
11AX40SISO-Ant1-5670-5735~40000-PASS



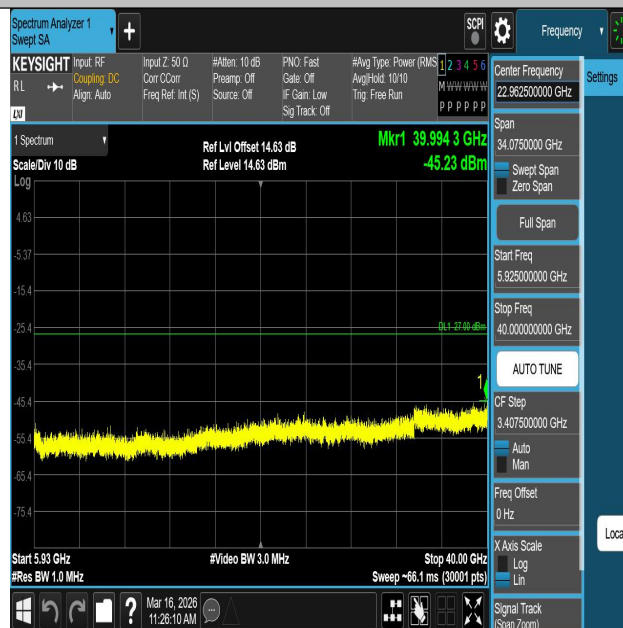
11AX40SISO-Ant1-5755-30~5650-PASS



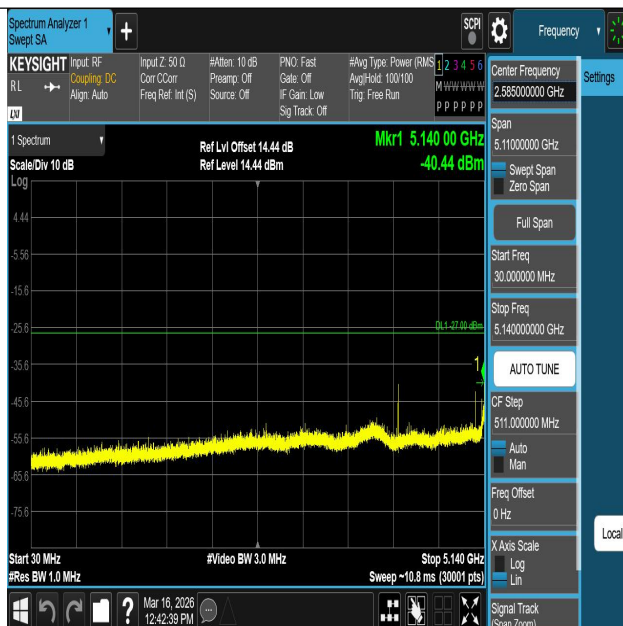
11AX40SISO-Ant1-5755-5925~40000-PASS



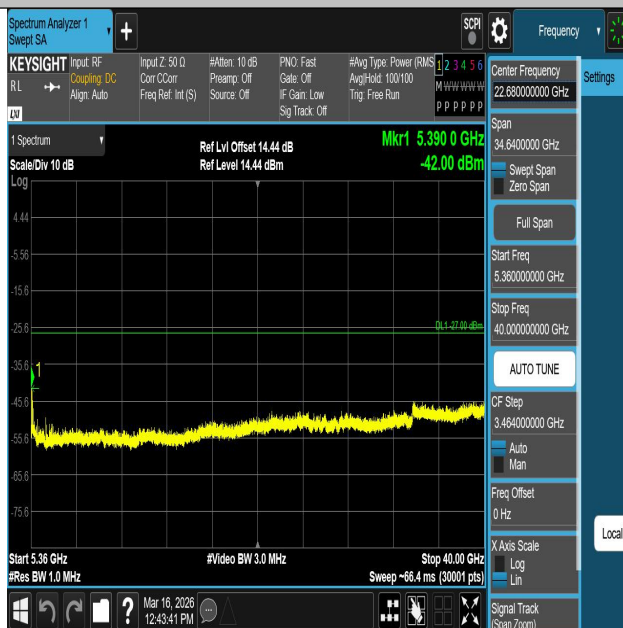
11AX40SISO-Ant1-5795-30~5650-PASS



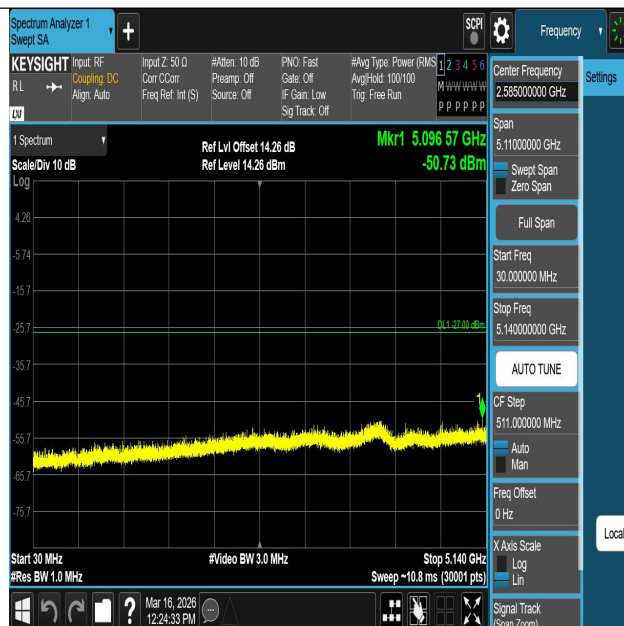
11AX40SISO-Ant1-5795-5925~40000-PASS



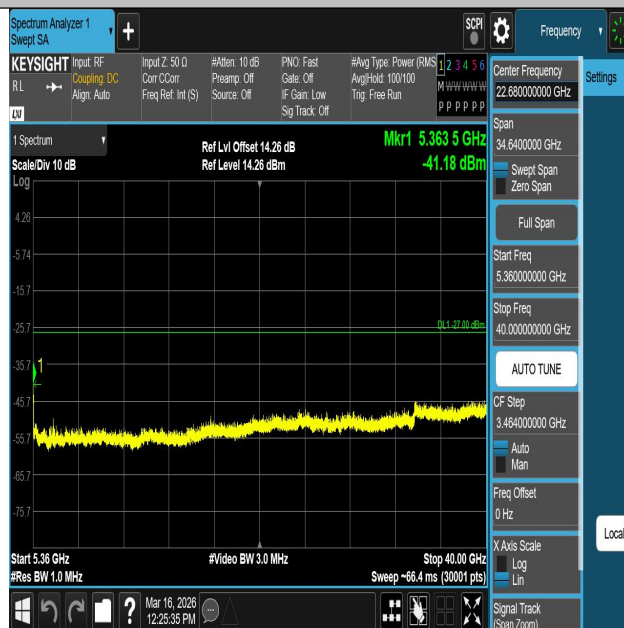
11AX80SISO-Ant1-5210-30~5140-PASS



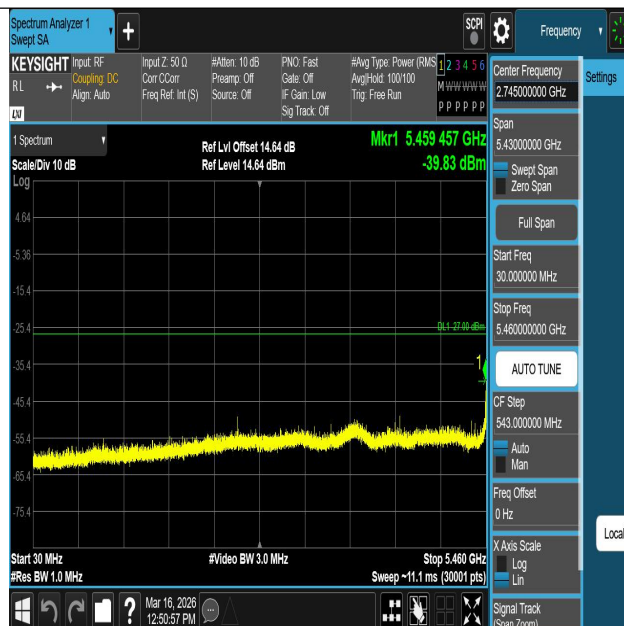
11AX80SISO-Ant1-5210-5360~40000-PASS



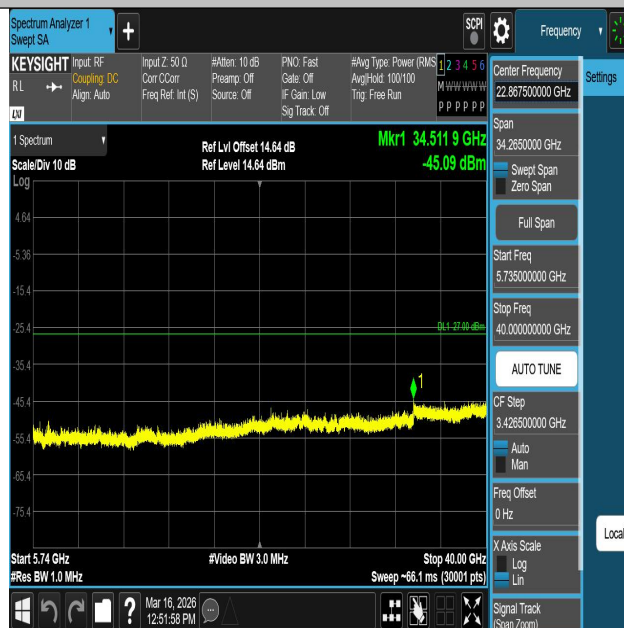
11AX80SISO-Ant1-5290-30~5140-PASS



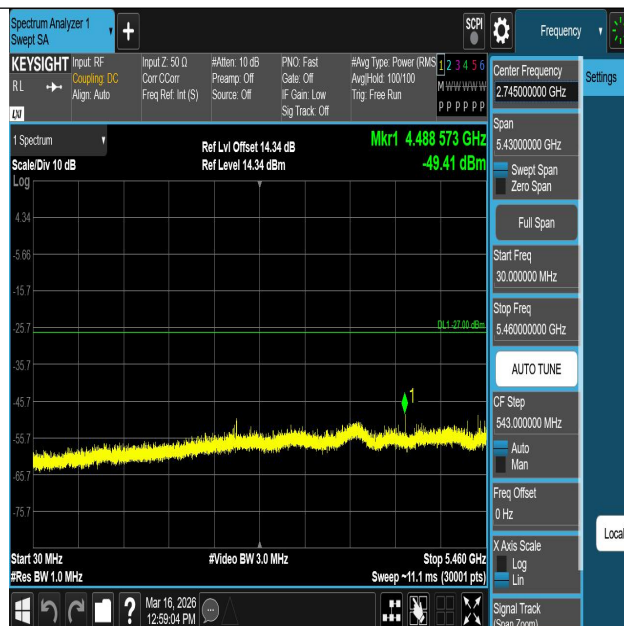
11AX80SISO-Ant1-5290-5360~40000-PASS



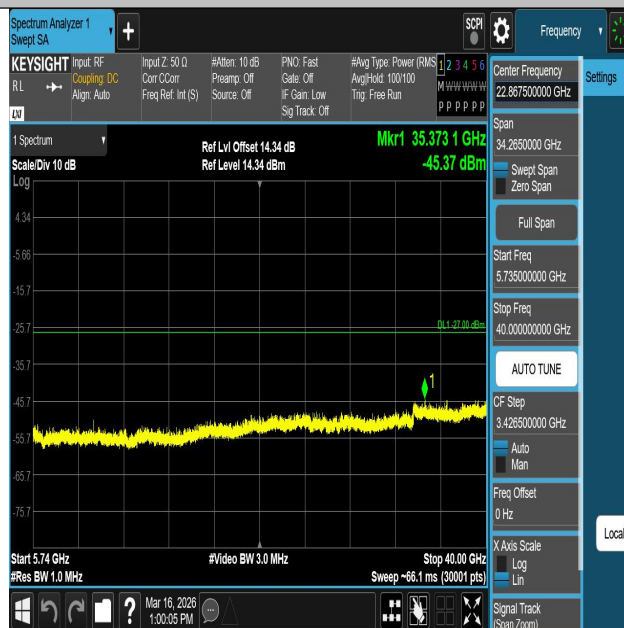
11AX80SISO-Ant1-5530-30~5460-PASS



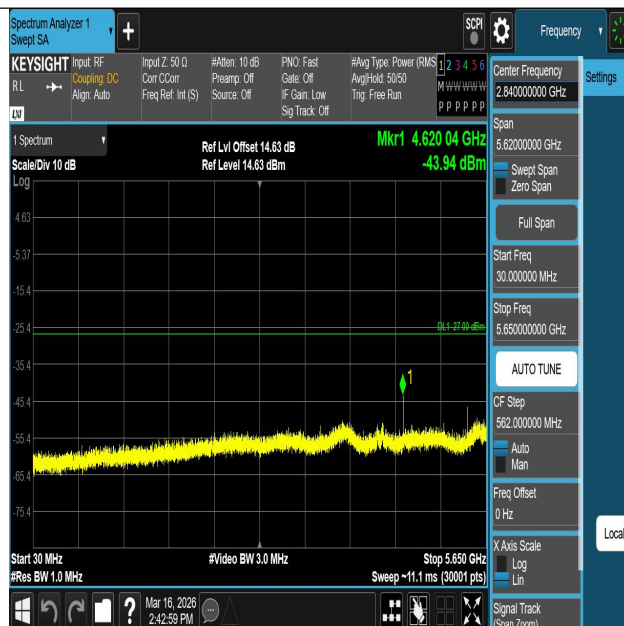
11AX80SISO-Ant1-5530-5735~40000-PASS



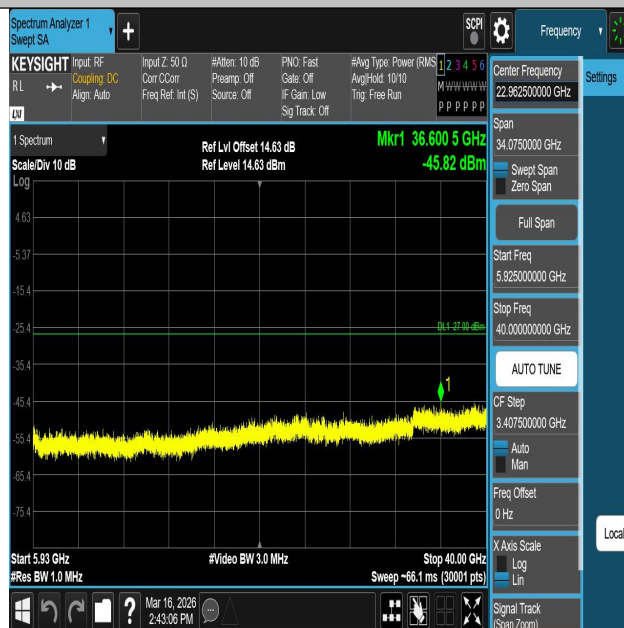
11AX80SISO-Ant1-5610-30~5460-PASS



11AX80SISO-Ant1-5610-5735~40000-PASS



11AX80SISO-Ant1-5775-30~5650-PASS



11AX80SISO-Ant1-5775-5925~40000-PASS



6.6 Band edge measurements

Test Result:

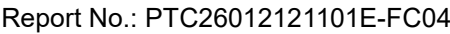
B1:

TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.480	5169.880	5190.360	---	---
11A	Ant1	5200	20.600	5189.560	5210.160	---	---
11A	Ant1	5240	20.920	5229.640	5250.560	---	---
11A	Ant1	5260	20.680	5249.800	5270.480	---	---
11A	Ant1	5280	20.600	5269.520	5290.120	---	---
11A	Ant1	5320	21.040	5309.480	5330.520	---	---
11A	Ant1	5500	20.600	5489.640	5510.240	---	---
11A	Ant1	5580	20.800	5569.560	5590.360	---	---
11A	Ant1	5700	21.120	5689.240	5710.360	---	---
11A	Ant1	5745	21.200	5734.400	5755.600	---	---
11A	Ant1	5785	20.880	5774.640	5795.520	---	---
11A	Ant1	5825	21.400	5814.320	5835.720	---	---
11N20SISO	Ant1	5180	21.440	5169.320	5190.760	---	---
11N20SISO	Ant1	5200	21.040	5189.760	5210.800	---	---
11N20SISO	Ant1	5240	20.880	5229.720	5250.600	---	---
11N20SISO	Ant1	5260	21.400	5249.240	5270.640	---	---
11N20SISO	Ant1	5280	21.640	5269.040	5290.680	---	---
11N20SISO	Ant1	5320	21.160	5309.480	5330.640	---	---
11N20SISO	Ant1	5500	21.560	5489.160	5510.720	---	---
11N20SISO	Ant1	5580	21.880	5569.120	5591.000	---	---
11N20SISO	Ant1	5700	21.840	5689.040	5710.880	---	---
11N20SISO	Ant1	5745	21.320	5734.320	5755.640	---	---
11N20SISO	Ant1	5785	21.560	5773.960	5795.520	---	---
11N20SISO	Ant1	5825	21.800	5813.880	5835.680	---	---
11N40SISO	Ant1	5190	45.920	5167.360	5213.280	---	---
11N40SISO	Ant1	5230	45.200	5207.760	5252.960	---	---
11N40SISO	Ant1	5270	44.800	5247.840	5292.640	---	---
11N40SISO	Ant1	5310	44.720	5287.840	5332.560	---	---
11N40SISO	Ant1	5510	45.920	5487.360	5533.280	---	---
11N40SISO	Ant1	5550	45.280	5527.600	5572.880	---	---
11N40SISO	Ant1	5670	46.800	5646.800	5693.600	---	---
11N40SISO	Ant1	5755	45.200	5732.120	5777.320	---	---
11N40SISO	Ant1	5795	41.680	5774.360	5816.040	---	---
11AC20SISO	Ant1	5180	21.040	5169.480	5190.520	---	---
11AC20SISO	Ant1	5200	21.160	5189.440	5210.600	---	---
11AC20SISO	Ant1	5240	21.360	5229.360	5250.720	---	---
11AC20SISO	Ant1	5260	21.040	5249.680	5270.720	---	---
11AC20SISO	Ant1	5280	21.120	5269.480	5290.600	---	---
11AC20SISO	Ant1	5320	21.560	5309.480	5331.040	---	---
11AC20SISO	Ant1	5500	21.360	5489.200	5510.560	---	---
11AC20SISO	Ant1	5580	21.320	5569.520	5590.840	---	---
11AC20SISO	Ant1	5700	21.440	5689.280	5710.720	---	---
11AC20SISO	Ant1	5745	21.720	5734.080	5755.800	---	---
11AC20SISO	Ant1	5785	21.600	5774.120	5795.720	---	---
11AC20SISO	Ant1	5825	21.520	5814.240	5835.760	---	---
11AC40SISO	Ant1	5190	41.280	5169.360	5210.640	---	---
11AC40SISO	Ant1	5230	40.800	5209.680	5250.480	---	---
11AC40SISO	Ant1	5270	40.640	5249.840	5290.480	---	---



11AC40SISO	Ant1	5310	41.120	5289.520	5330.640	---	---
11AC40SISO	Ant1	5510	42.000	5489.280	5531.280	---	---
11AC40SISO	Ant1	5550	41.520	5529.280	5570.800	---	---
11AC40SISO	Ant1	5670	41.200	5649.360	5690.560	---	---
11AC40SISO	Ant1	5755	41.120	5734.440	5775.560	---	---
11AC40SISO	Ant1	5795	46.640	5771.800	5818.440	---	---
11AC80SISO	Ant1	5210	88.000	5166.000	5254.000	---	---
11AC80SISO	Ant1	5290	86.400	5247.280	5333.680	---	---
11AC80SISO	Ant1	5530	88.960	5486.000	5574.960	---	---
11AC80SISO	Ant1	5610	90.080	5564.400	5654.480	---	---
11AC80SISO	Ant1	5775	88.480	5730.840	5819.320	---	---
11AX20SISO	Ant1	5180	23.960	5168.080	5192.040	---	---
11AX20SISO	Ant1	5200	24.560	5188.160	5212.720	---	---
11AX20SISO	Ant1	5240	25.640	5228.000	5253.640	---	---
11AX20SISO	Ant1	5260	23.520	5248.440	5271.960	---	---
11AX20SISO	Ant1	5280	23.480	5268.240	5291.720	---	---
11AX20SISO	Ant1	5320	25.760	5307.040	5332.800	---	---
11AX20SISO	Ant1	5500	26.040	5487.080	5513.120	---	---
11AX20SISO	Ant1	5580	27.320	5566.480	5593.800	---	---
11AX20SISO	Ant1	5700	24.800	5688.000	5712.800	---	---
11AX20SISO	Ant1	5745	21.800	5734.040	5755.840	---	---
11AX20SISO	Ant1	5785	21.800	5774.040	5795.840	---	---
11AX20SISO	Ant1	5825	21.960	5814.080	5836.040	---	---
11AX40SISO	Ant1	5190	41.200	5169.600	5210.800	---	---
11AX40SISO	Ant1	5230	40.720	5209.440	5250.160	---	---
11AX40SISO	Ant1	5270	41.040	5249.760	5290.800	---	---
11AX40SISO	Ant1	5310	41.040	5289.680	5330.720	---	---
11AX40SISO	Ant1	5510	40.880	5489.760	5530.640	---	---
11AX40SISO	Ant1	5550	41.760	5529.040	5570.800	---	---
11AX40SISO	Ant1	5670	40.960	5649.520	5690.480	---	---
11AX40SISO	Ant1	5755	41.440	5734.360	5775.800	---	---
11AX40SISO	Ant1	5795	41.520	5774.440	5815.960	---	---
11AX80SISO	Ant1	5210	85.920	5167.600	5253.520	---	---
11AX80SISO	Ant1	5290	86.400	5247.920	5334.320	---	---
11AX80SISO	Ant1	5530	88.640	5485.200	5573.840	---	---
11AX80SISO	Ant1	5610	85.760	5567.280	5653.040	---	---
11AX80SISO	Ant1	5775	88.160	5731.320	5819.480	---	---

Note: The Max. Level has been corrected by the cable loss and antenna gain.



The screenshot displays a Spectrum Analyzer interface. The main display shows a signal trace with a peak at 20.48 MHz, marked with a green arrow and labeled '3d1'. The trace is overlaid with a grid. The frequency scale is from 15.000 MHz to 25.000 MHz. The amplitude scale is from -70.0 dBm to 10.0 dBm. The center frequency is 5.180000 GHz, and the span is 40.00 MHz. The resolution bandwidth is 680 kHz, and the sweep time is 1.00 ms (1001 pts).

Below the main display, there is a table with the following data:

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	5.169 88 GHz	-23.30 dBm		
2	N	1	f	5.179 04 GHz	2.83 dBm		
3	Δ1	1	f	20.48 MHz(Δ)	-0.81 dB		
4							
6							

Keysight Spectrum Analyzer 1 Sweep SA

Input: RF **Coupling:** DC **Align:** Auto

Input Z: 50 Ω **Corr:** CCorr **Freq Ref:** Int (S)

#Atten: 30 dB **Preamp:** Off **Source:** Off

PNO: Fast **Gate:** Off **IF Gain:** Low **Sig Track:** Off

#Avg Type: Power (RMS) **Avg/Hold:** 100/100 **Trig:** Free Run

Center Frequency: 5.200000000 GHz

Span: 40.00000000 MHz

Start Freq: 5.180000000 GHz

Stop Freq: 5.220000000 GHz

AUTO TUNE

CF Step: 4.000000 MHz

Freq Offset: 0 Hz

X Axis Scale: Log

Signal Track: (Span Zoom)

Scale/Div: 10 dB

Ref Lvl Offset: 14.31 dB

Ref Level: 20.00 dBm

Span: 40.00 MHz

Sweep: 1.00 ms (1001 pts)

Marker 1: 5.198956 GHz, -24.15 dBm

Marker 2: 5.20132 GHz, 2.31 dBm

Marker 3: 5.2080 MHz (Δ), -0.23 dB

Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	5.198956 GHz	-24.15 dBm		
2	N	1	f	5.20132 GHz	2.31 dBm		
3	Δ 1	1	f (Δ)	20.80 MHz (Δ)	-0.23 dB		

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11A-Ant1-5240



11A-Ant1-5260



11A-Ant1-5280



11A-Ant1-5320



11A-Ant1-5500



11A-Ant1-5580



11A-Ant1-5700



11A-Ant1-5745



11A-Ant1-5785



11A-Ant1-5825



11N20SISO-Ant1-5180



11N20SISO-Ant1-5200



11N20SISO-Ant1-5240



11N20SISO-Ant1-5260



11N20SISO-Ant1-5280



11N20SISO-Ant1-5320



11N20SISO-Ant1-5500



11N20SISO-Ant1-5580