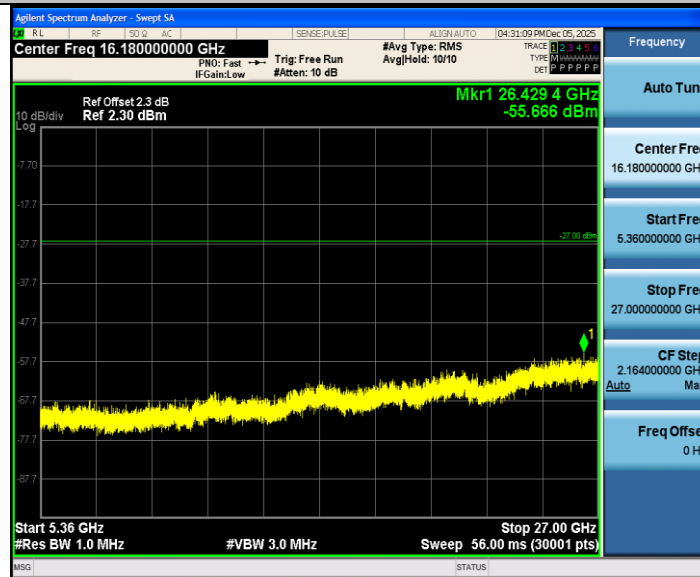
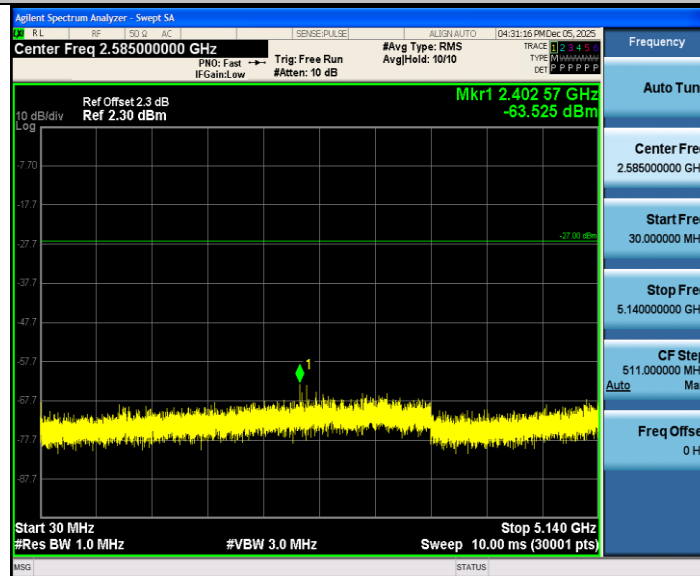


11N40SISO_Ant1_5190_5360~40000



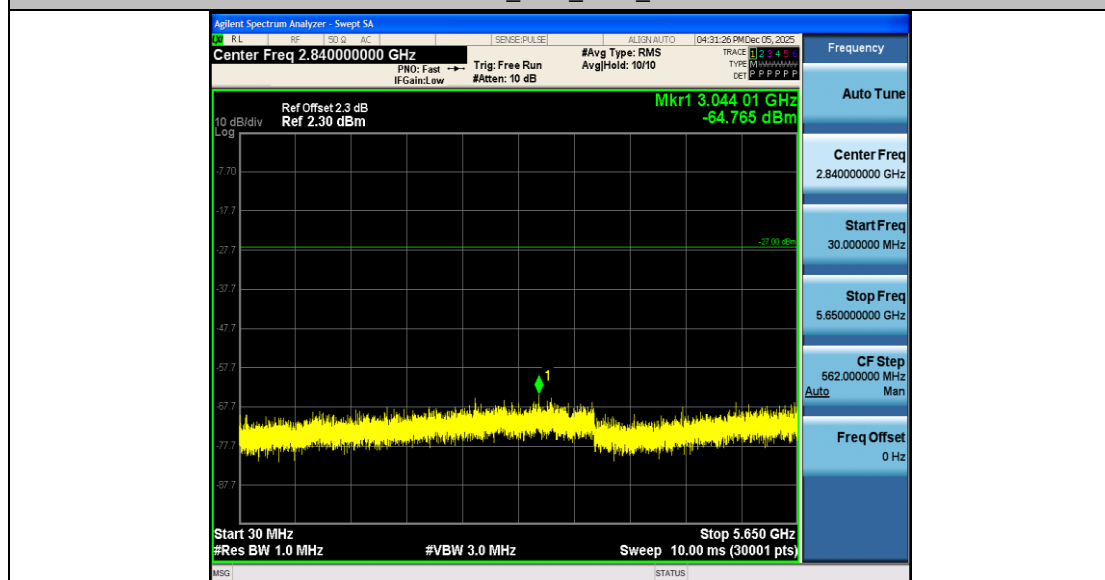
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



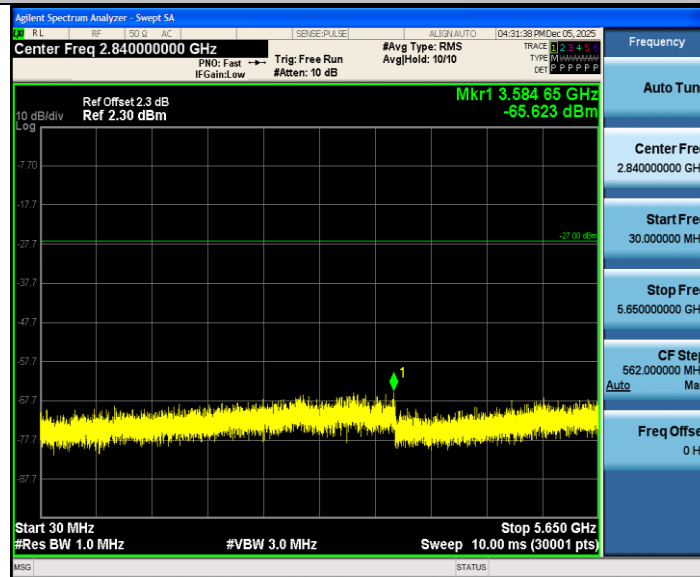
11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~40000



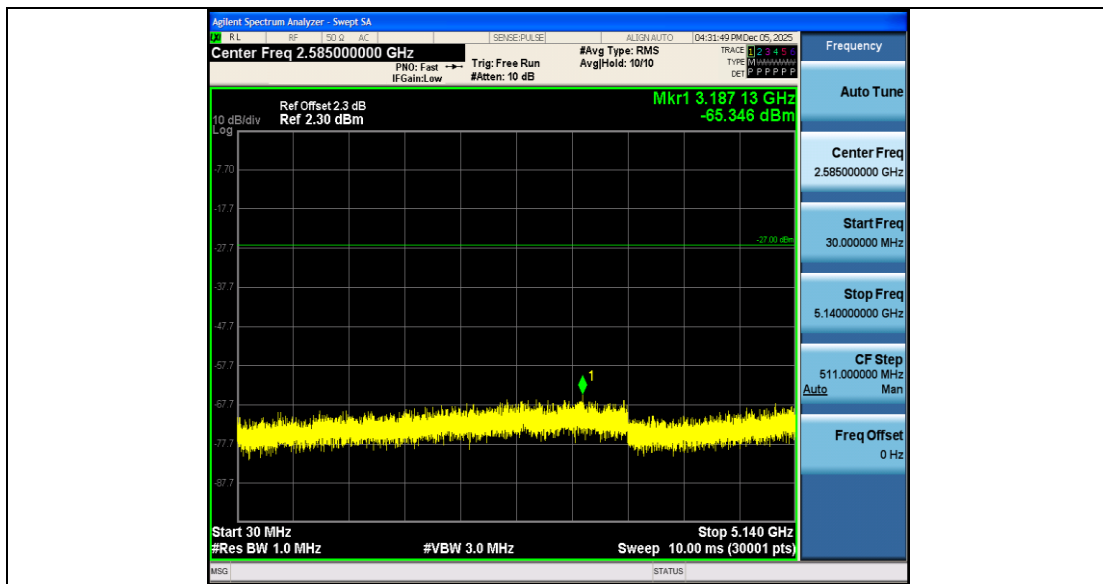
11N40SISO_Ant1_5795_30~5650



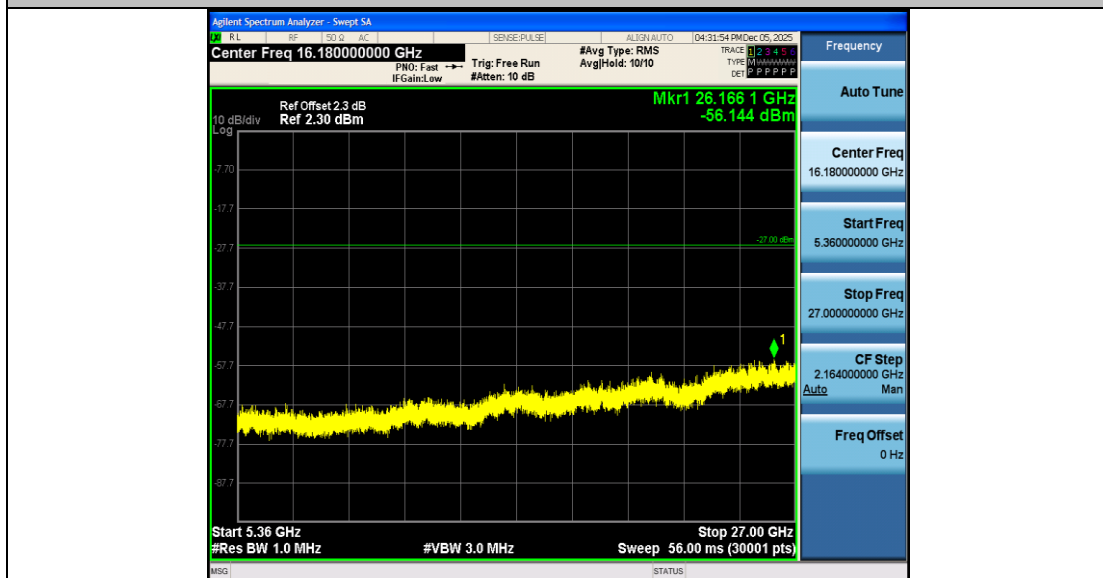
11N40SISO_Ant1_5795_5925~40000



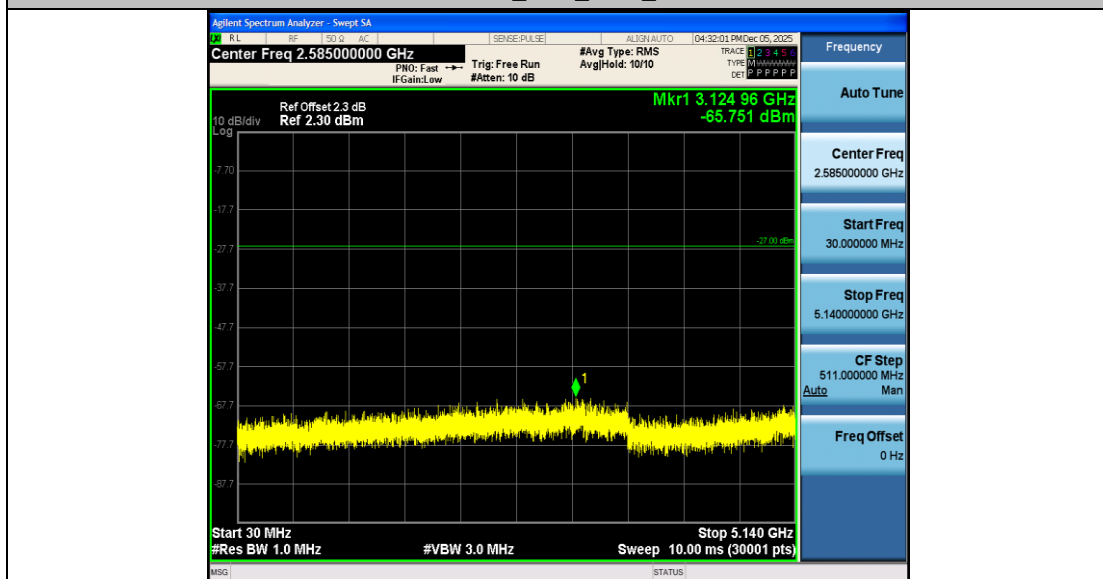
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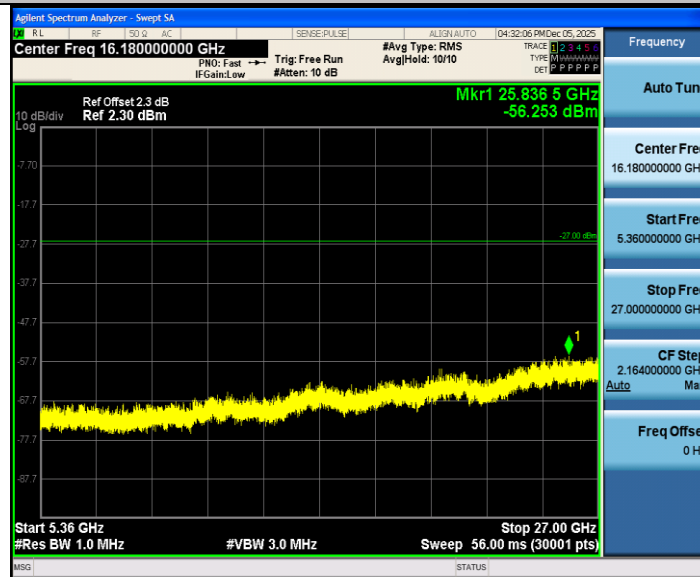
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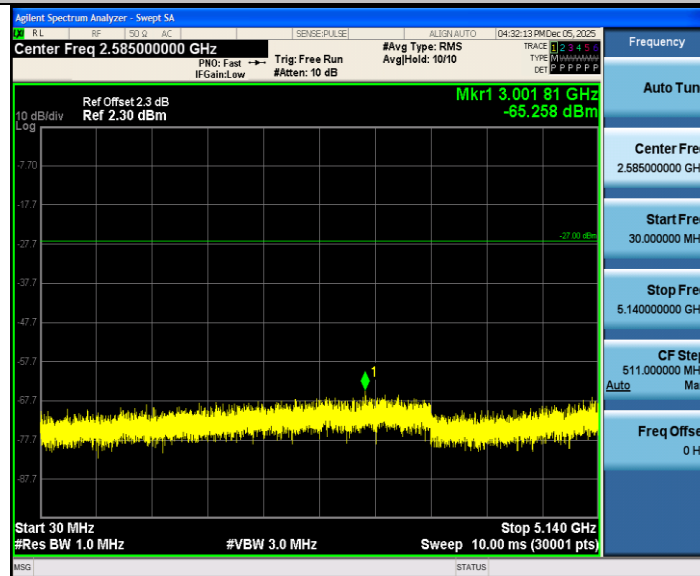
11AC20SISO_Ant1_5220_30~5140



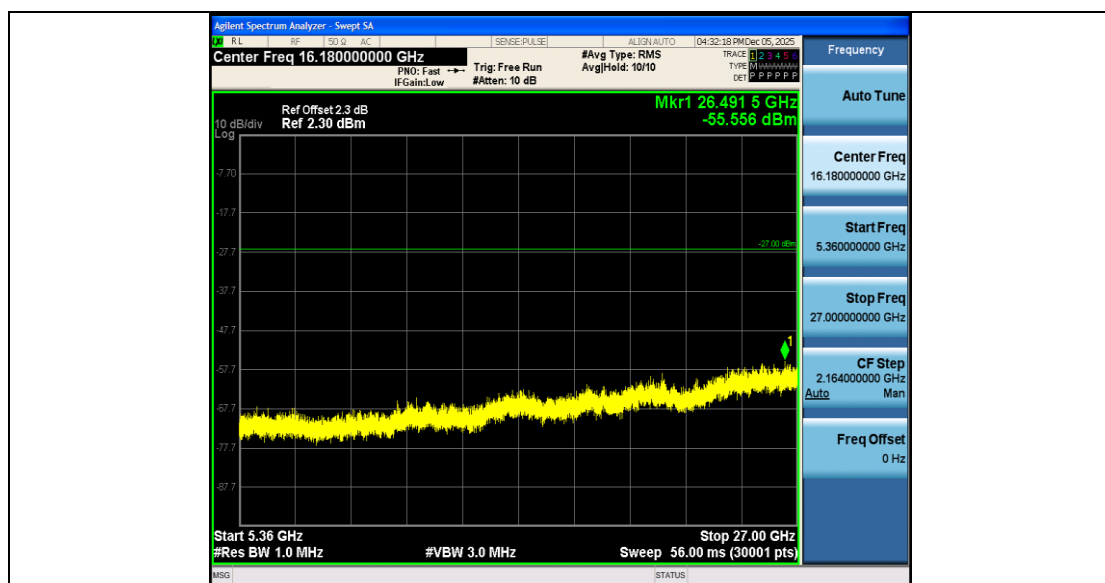
11AC20SISO_Ant1_5220_5360~40000



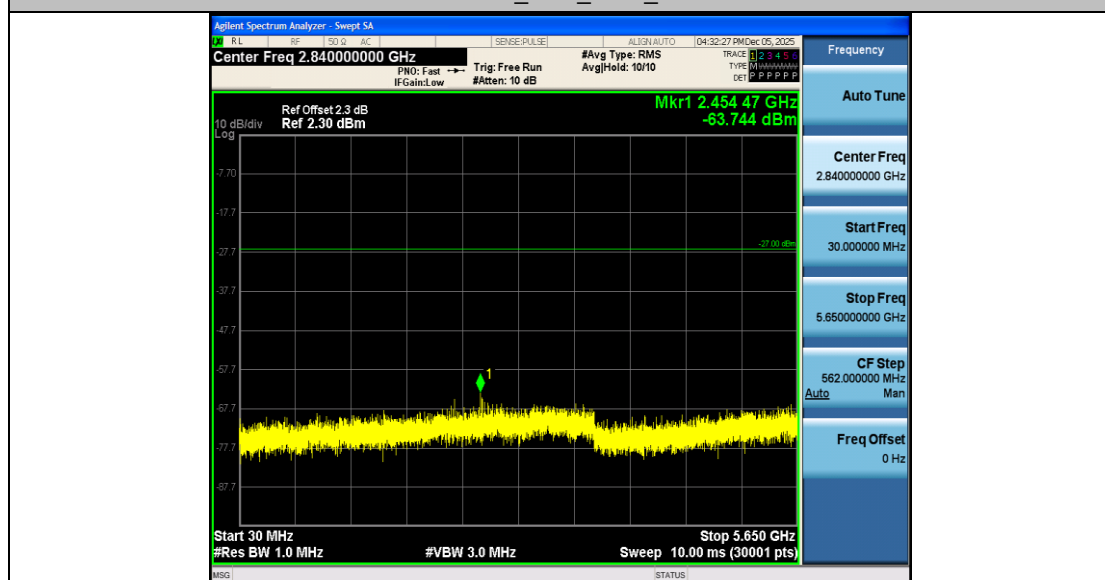
11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~40000



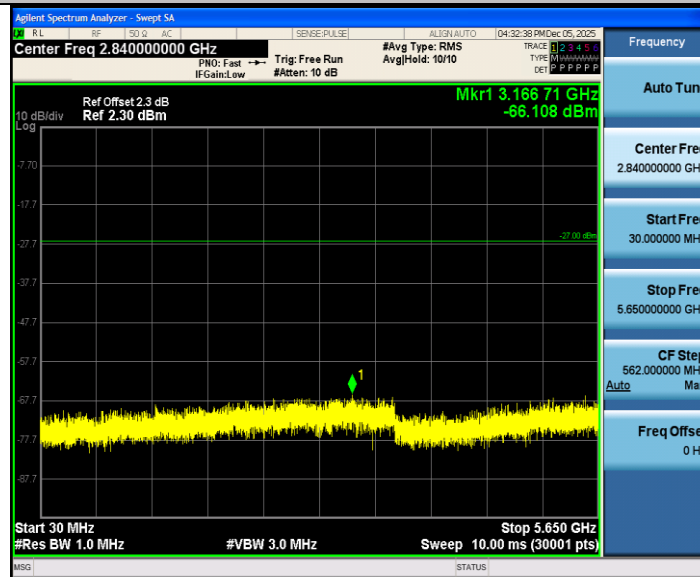
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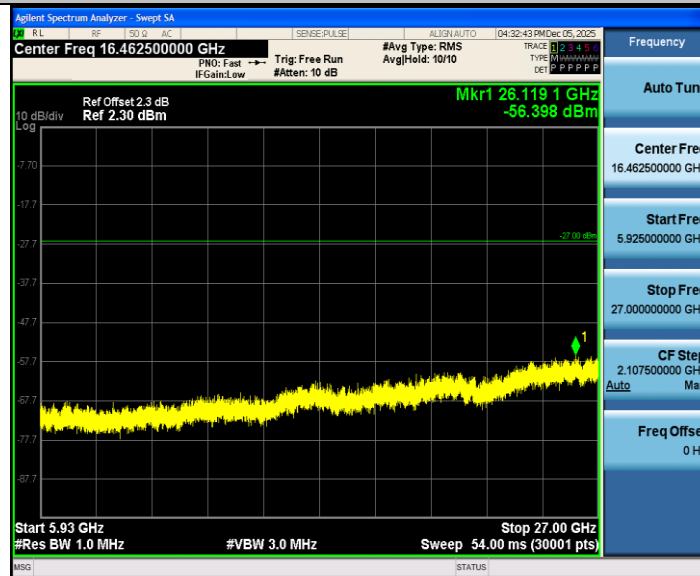
11AC20SISO_Ant1_5745_5925~40000



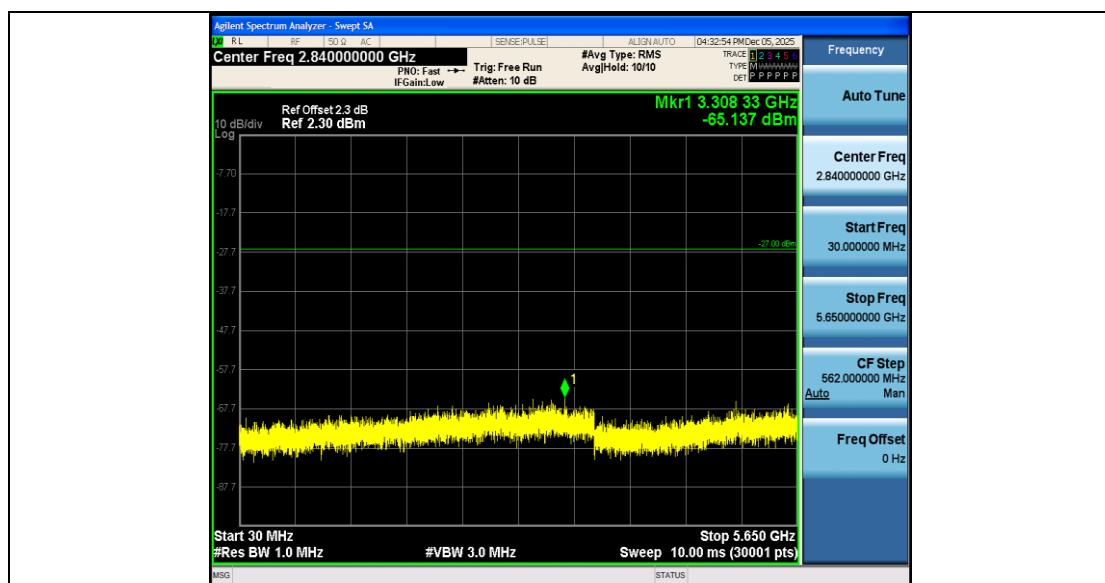
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11AC20SISO_Ant1_5785_5925~40000



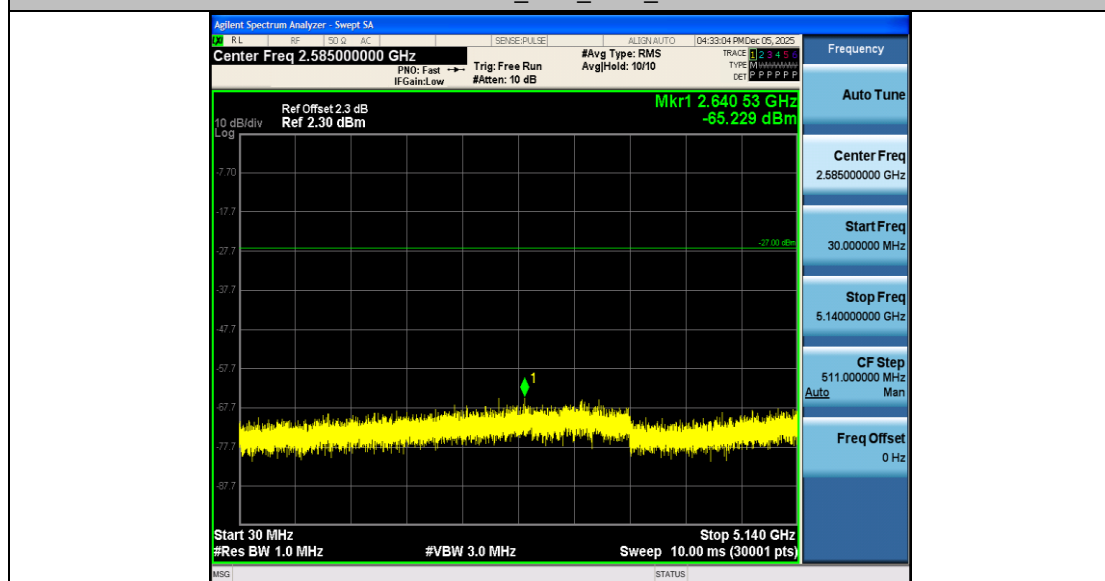
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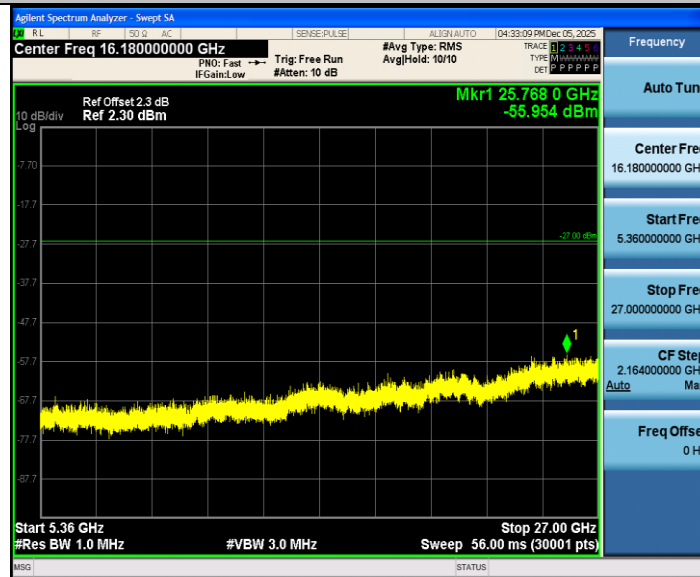
11AC20SISO_Ant1_5825_5925~40000



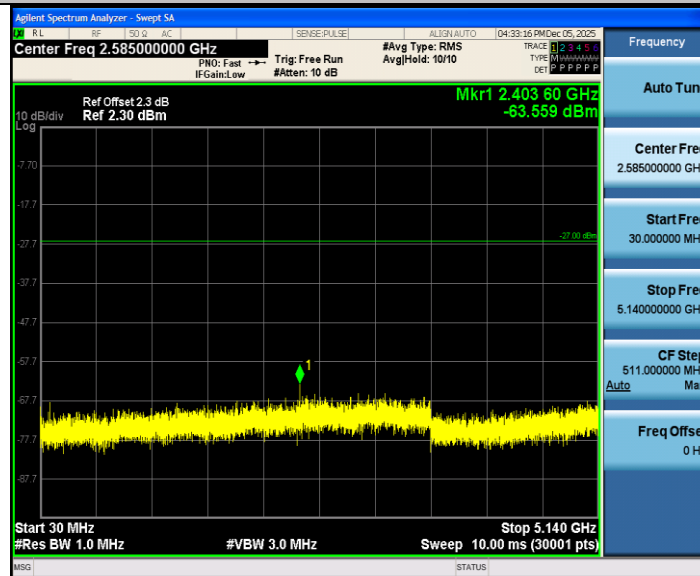
11AC40SISO_Ant1_5190_30~5140



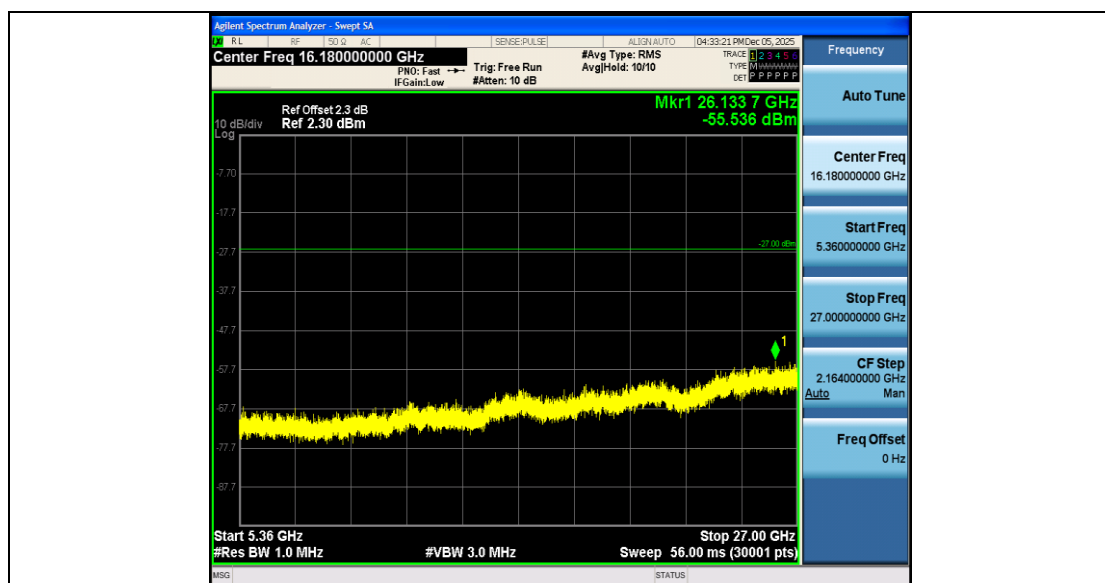
11AC40SISO_Ant1_5190_5360~40000



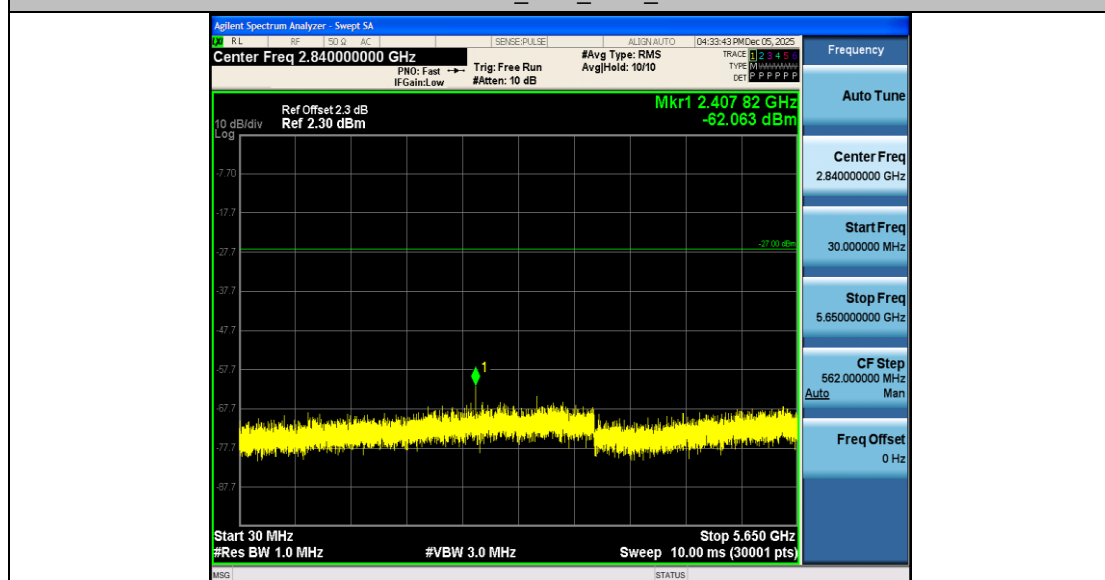
11AC40SISO_Ant1_5230_30~5140



11AC40SISO_Ant1_5230_5360~40000



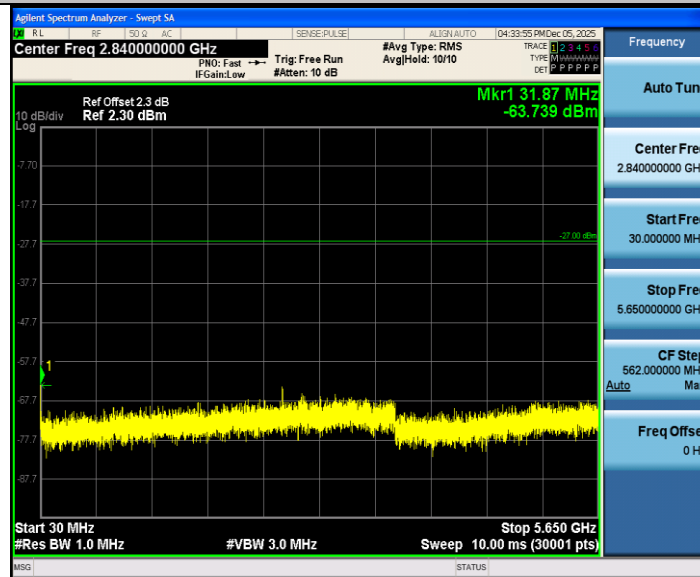
11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~40000



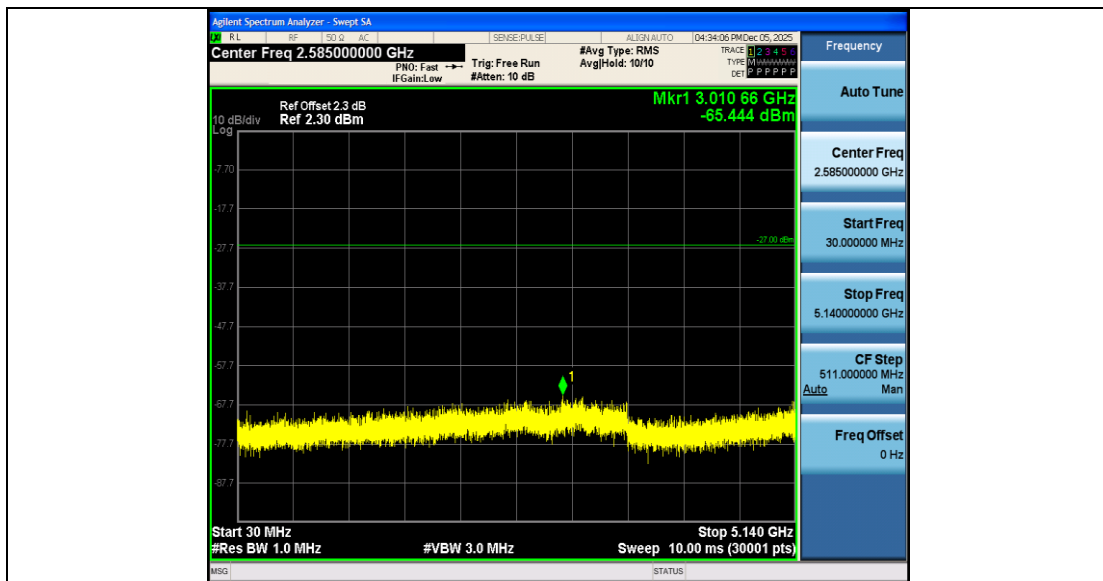
11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



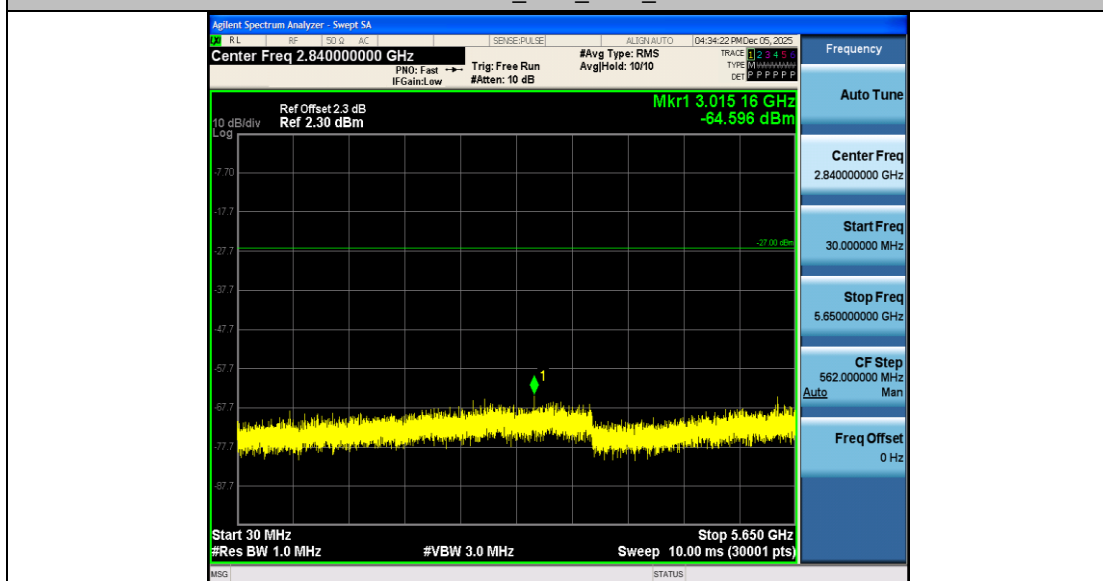
11AC80SISO_Ant1_5210_30~5140



11AC80SISO_Ant1_5210_5360~40000



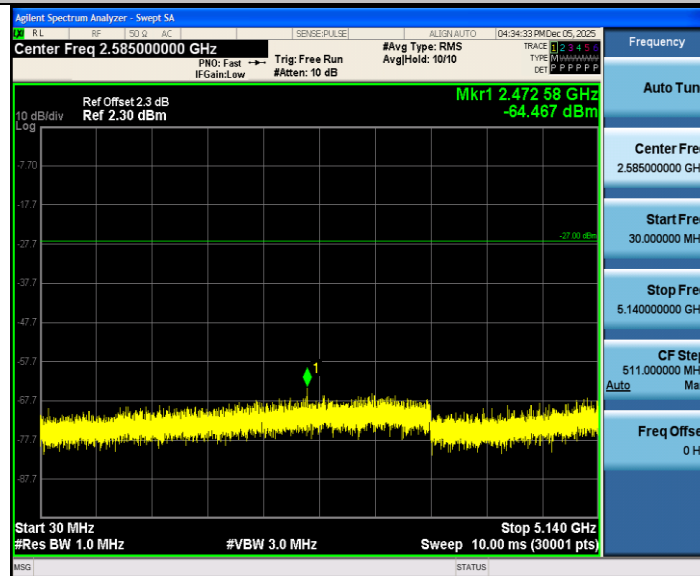
11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~40000



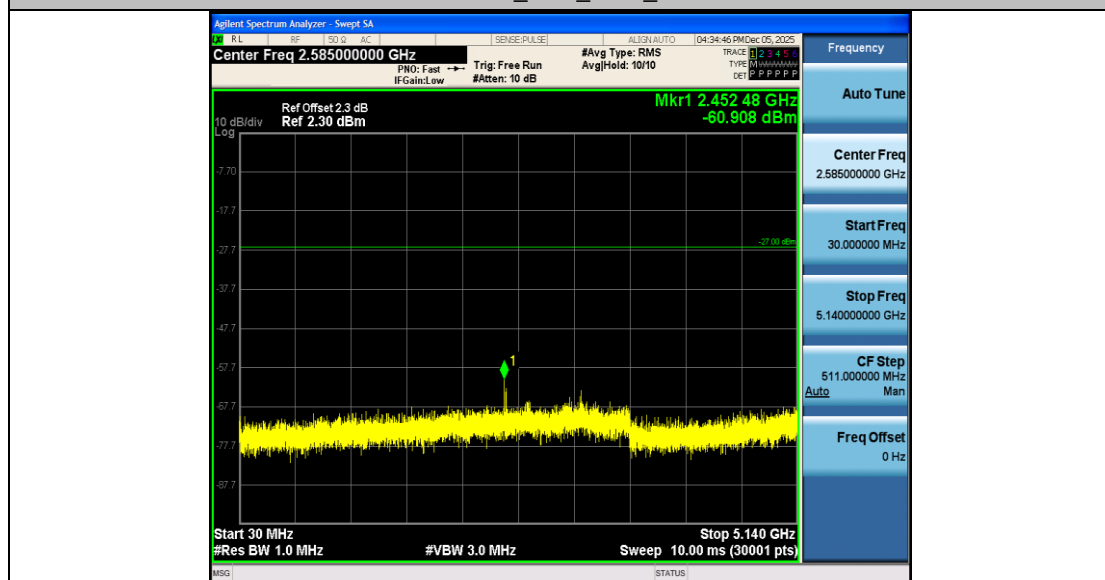
11AX20SISO_Ant1_5180_30~5140



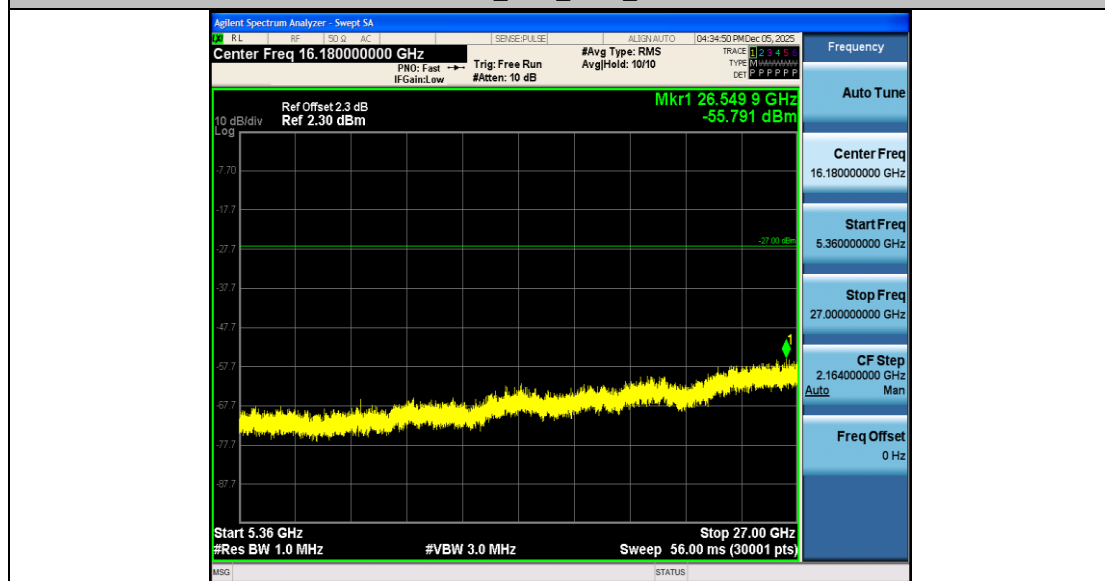
11AX20SISO_Ant1_5180_5360~40000



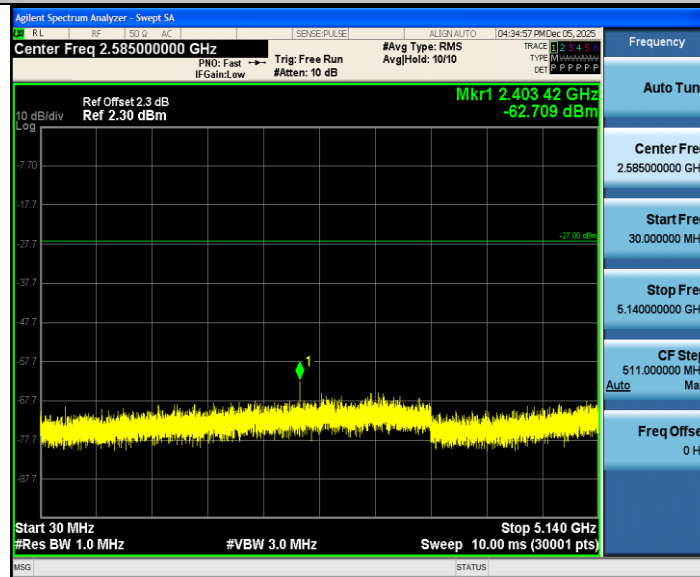
11AX20SISO_Ant1_5220_30~5140



11AX20SISO_Ant1_5220_5360~40000



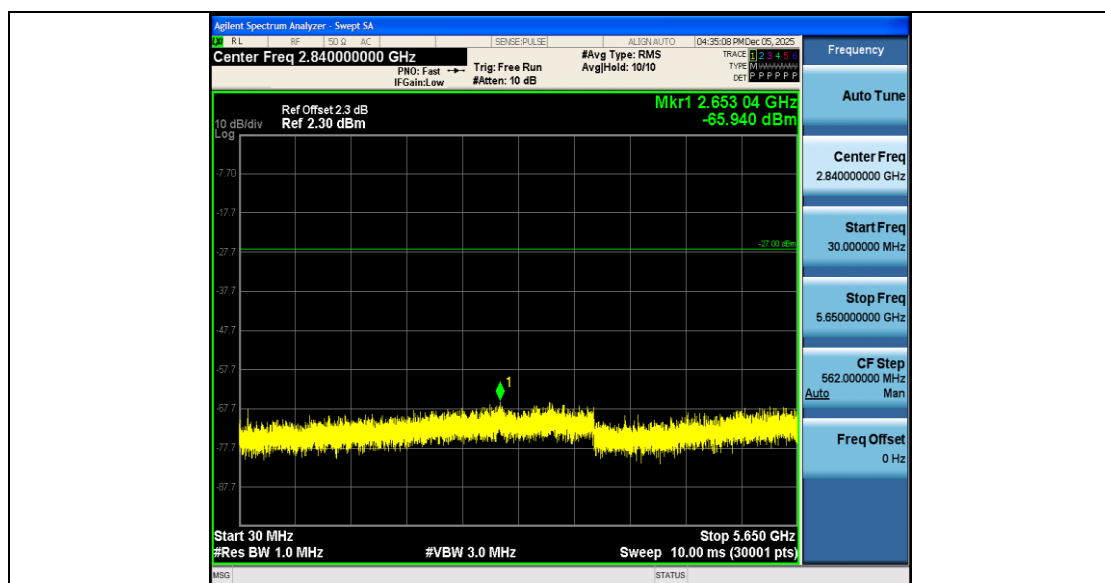
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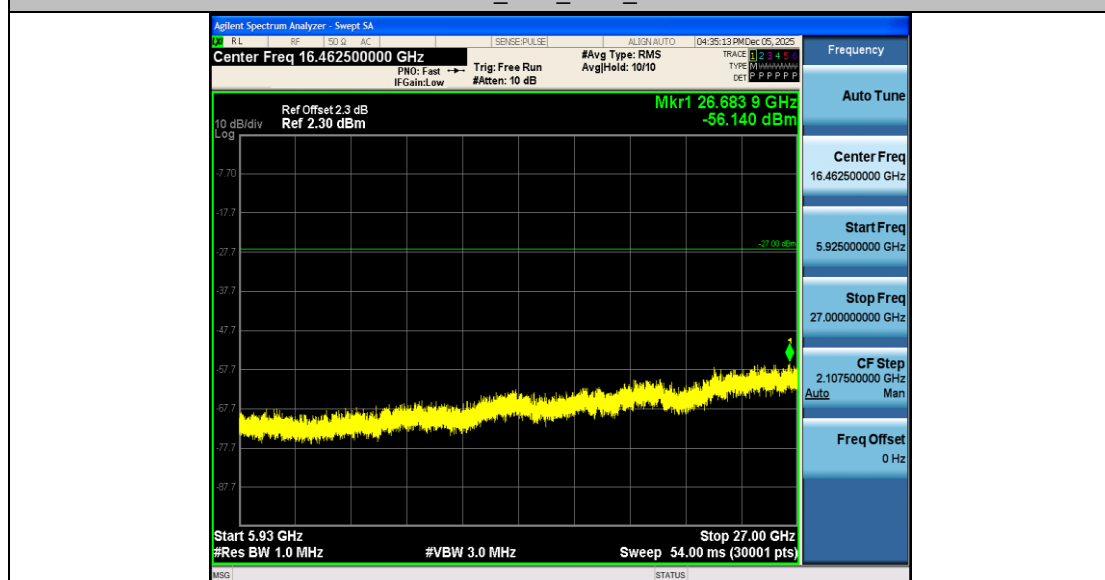
11AX20SISO_Ant1_5240_5360~40000



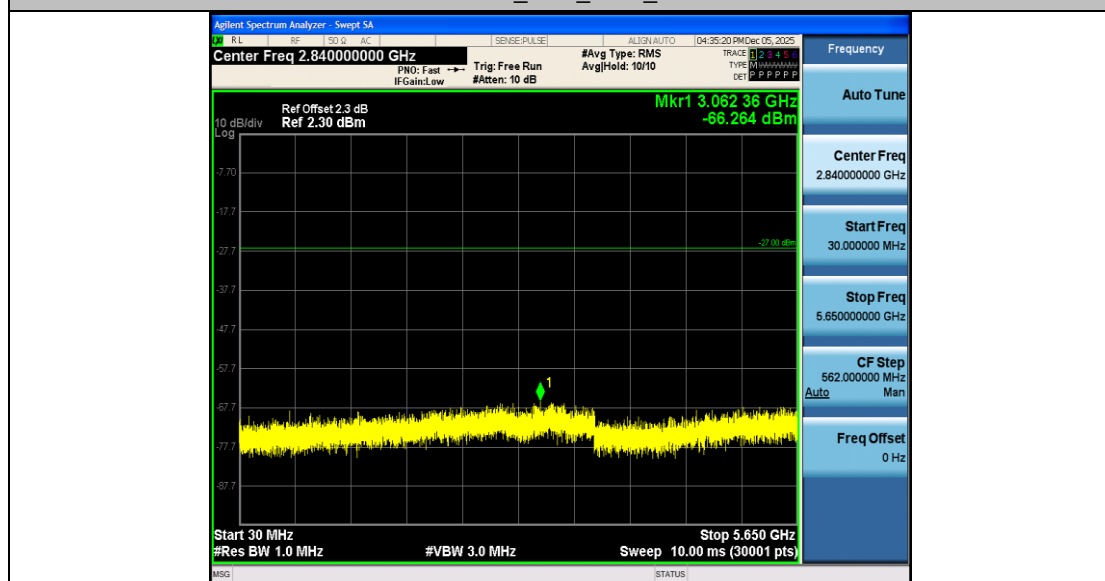
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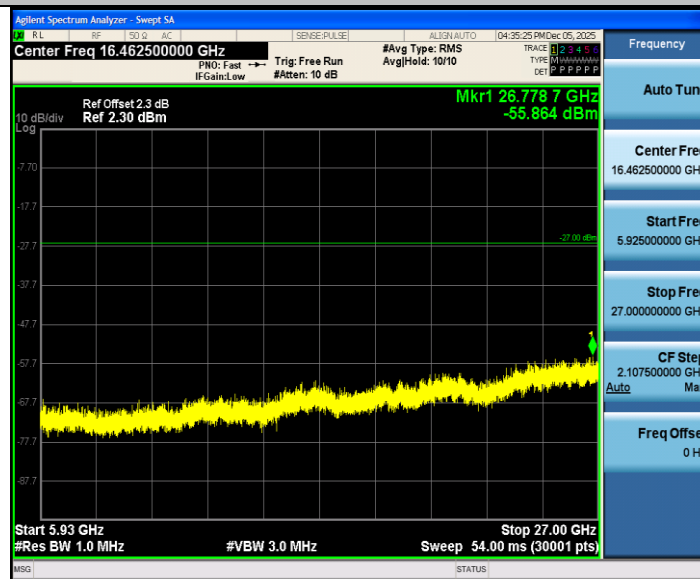
11AX20SISO_Ant1_5745_5925~40000



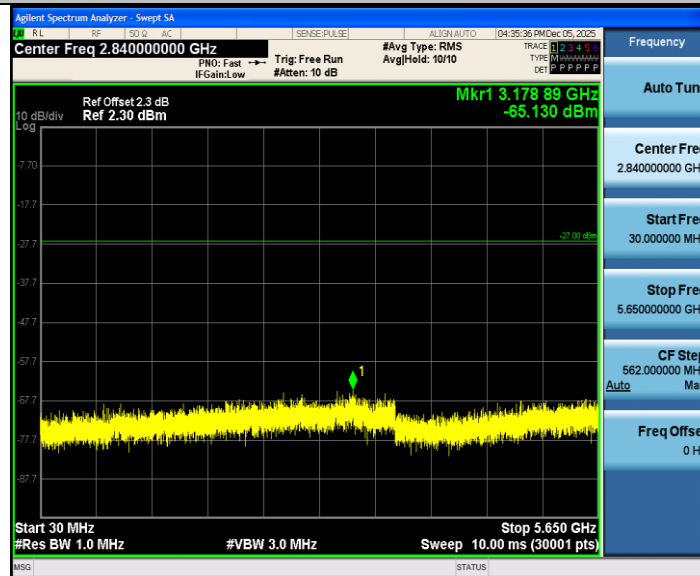
11AX20SISO_Ant1_5785_30~5650



11AX20SISO_Ant1_5785_5925~40000



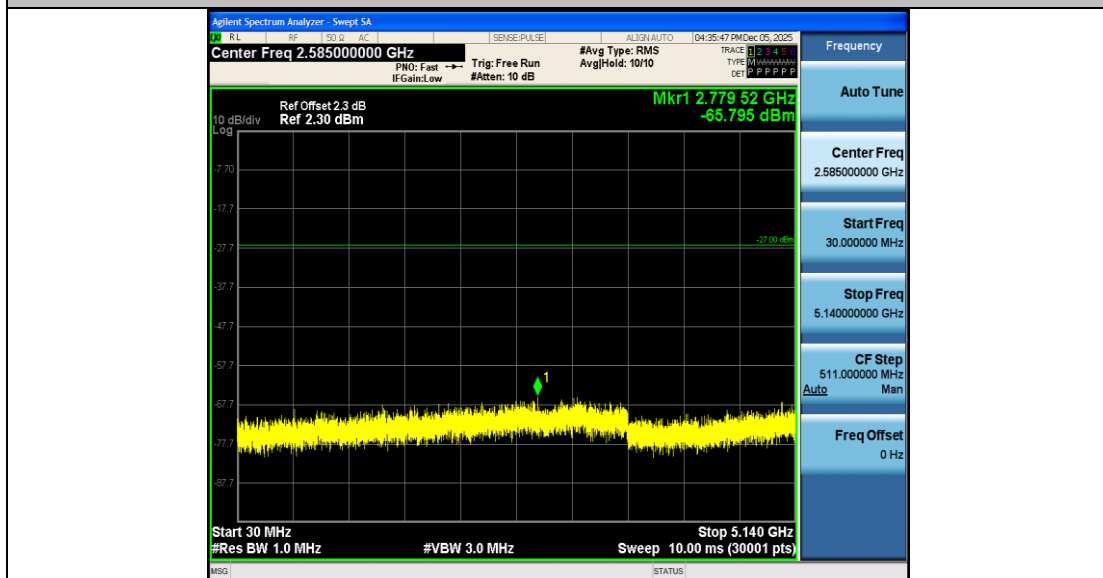
11AX20SISO_Ant1_5825_30~5650



11AX20SISO_Ant1_5825_5925~40000



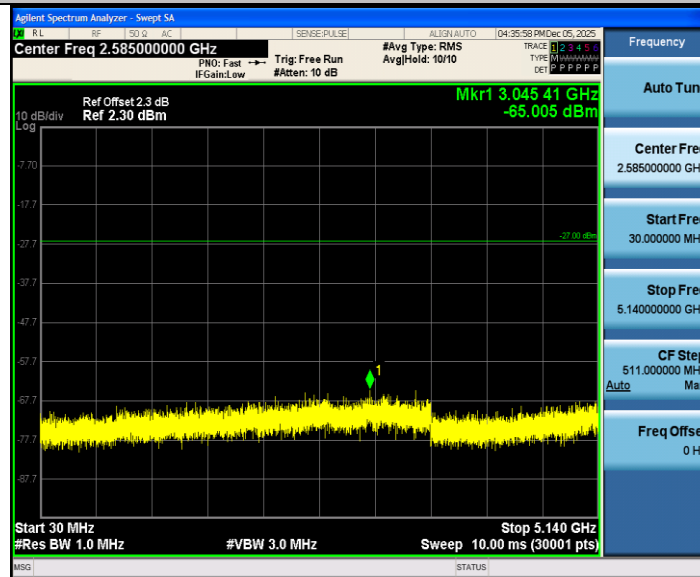
11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000



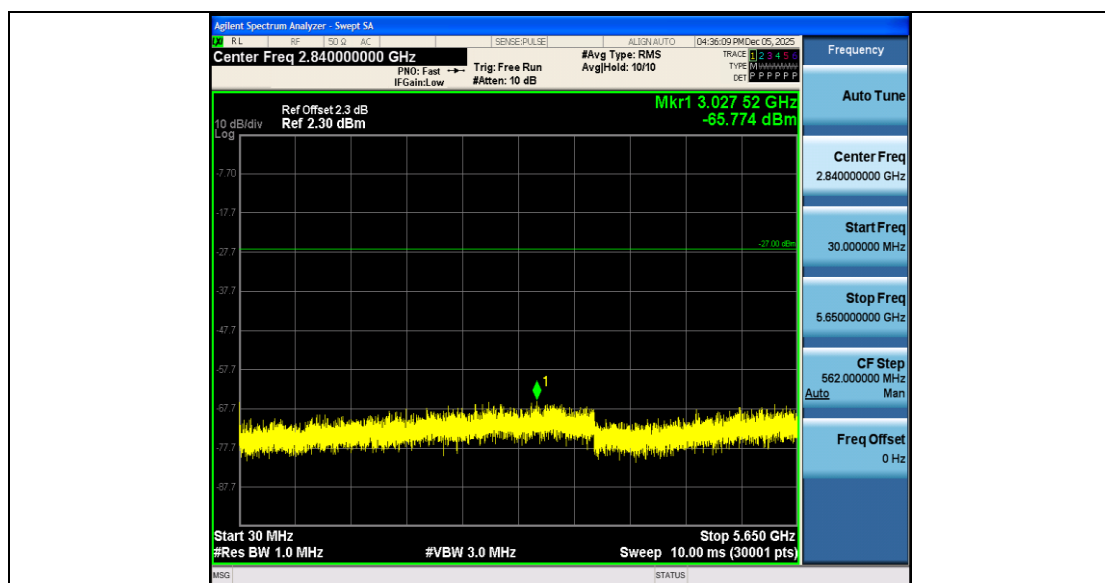
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11AX40SISO_Ant1_5230_5360~40000



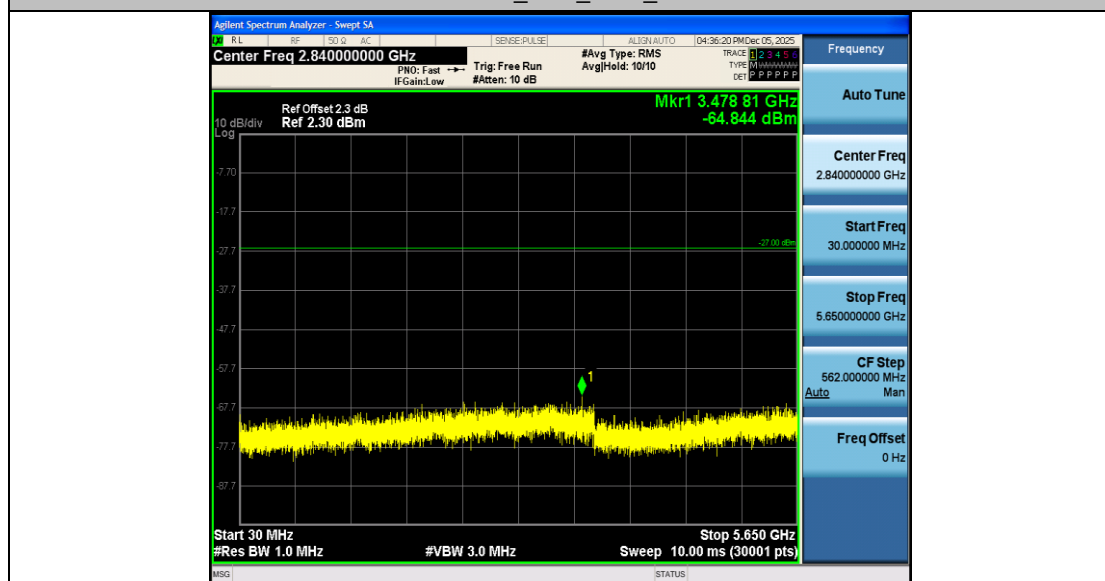
11AX40SISO_Ant1_5755_30~5650



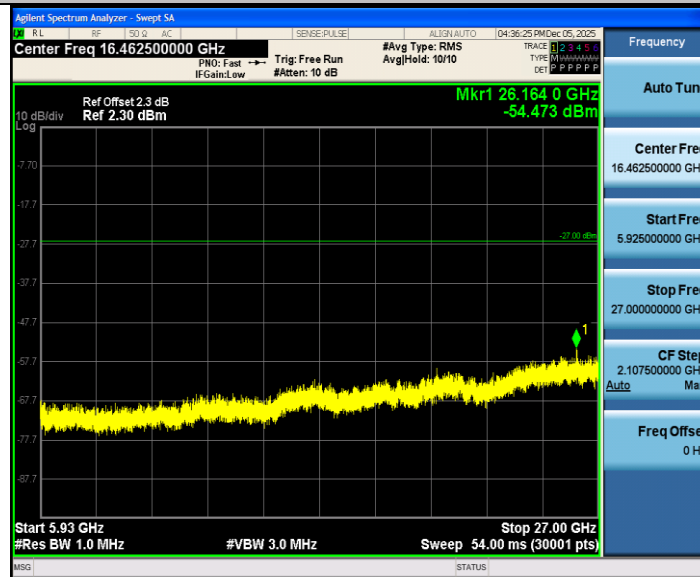
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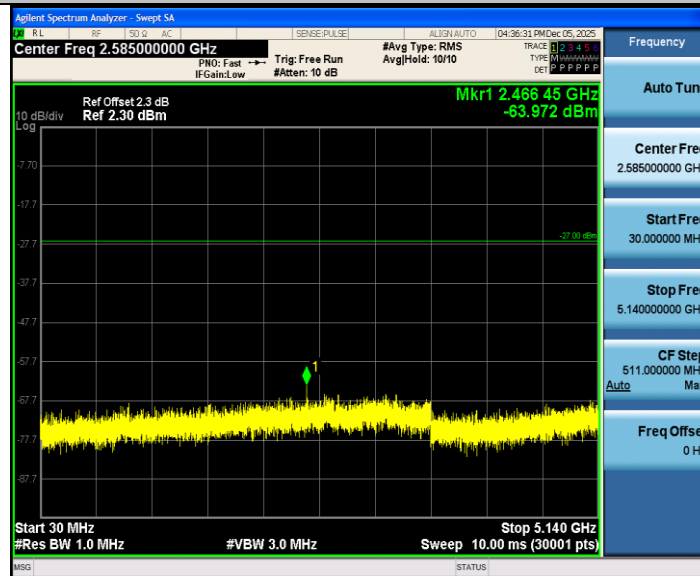
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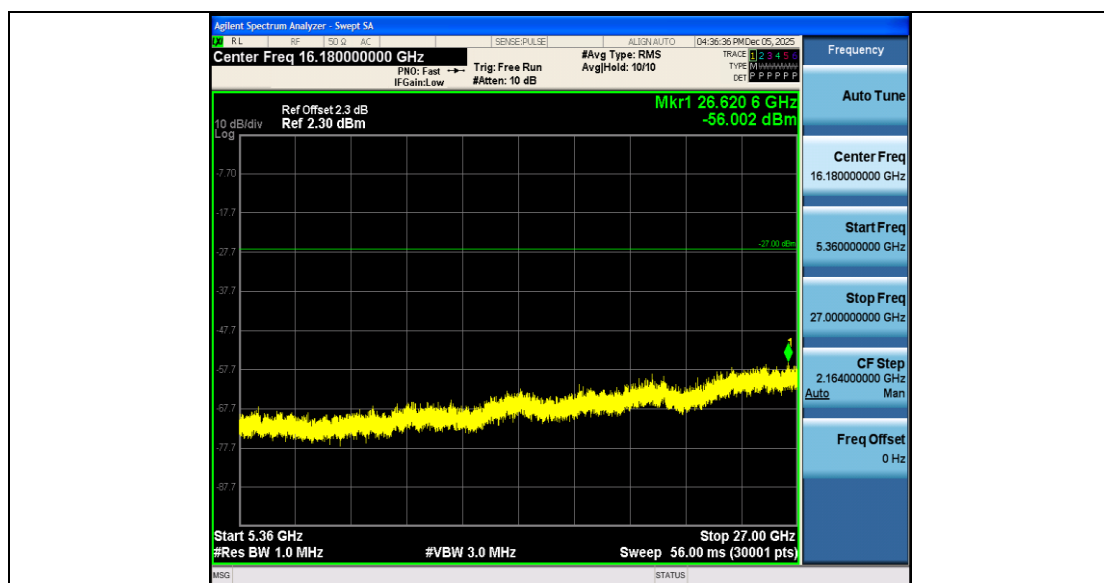
11AX40SISO_Ant1_5795_5925~40000



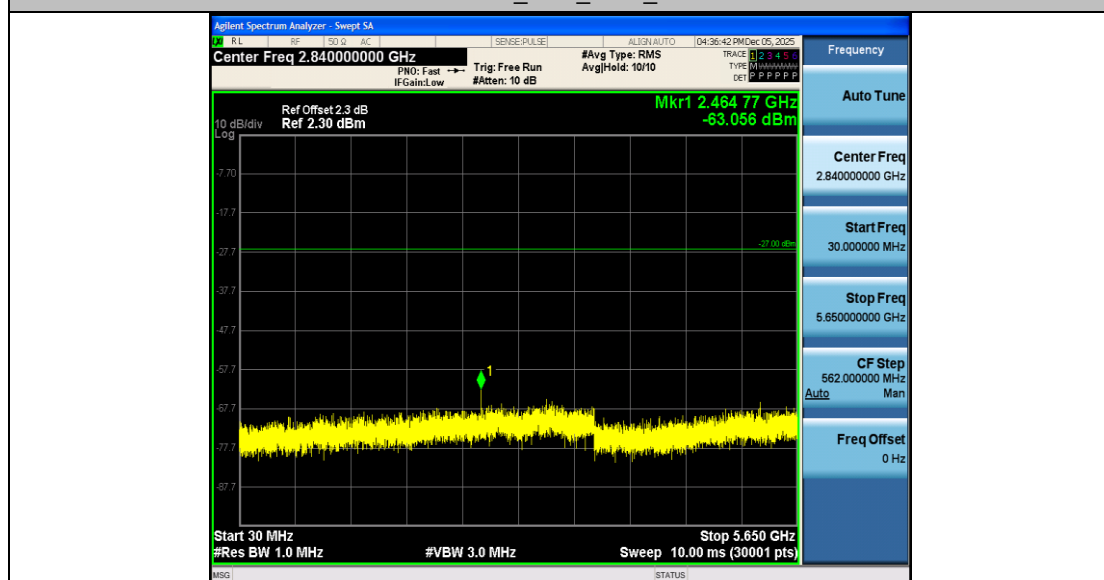
11AX80SISO_Ant1_5210_30~5140



11AX80SISO_Ant1_5210_5360~40000



11AX80SISO_Ant1_5775_30~5650



11AX80SISO_Ant1_5775_5925~40000



Appendix RF Test Data for 5GWIFI Module 2 ANT2

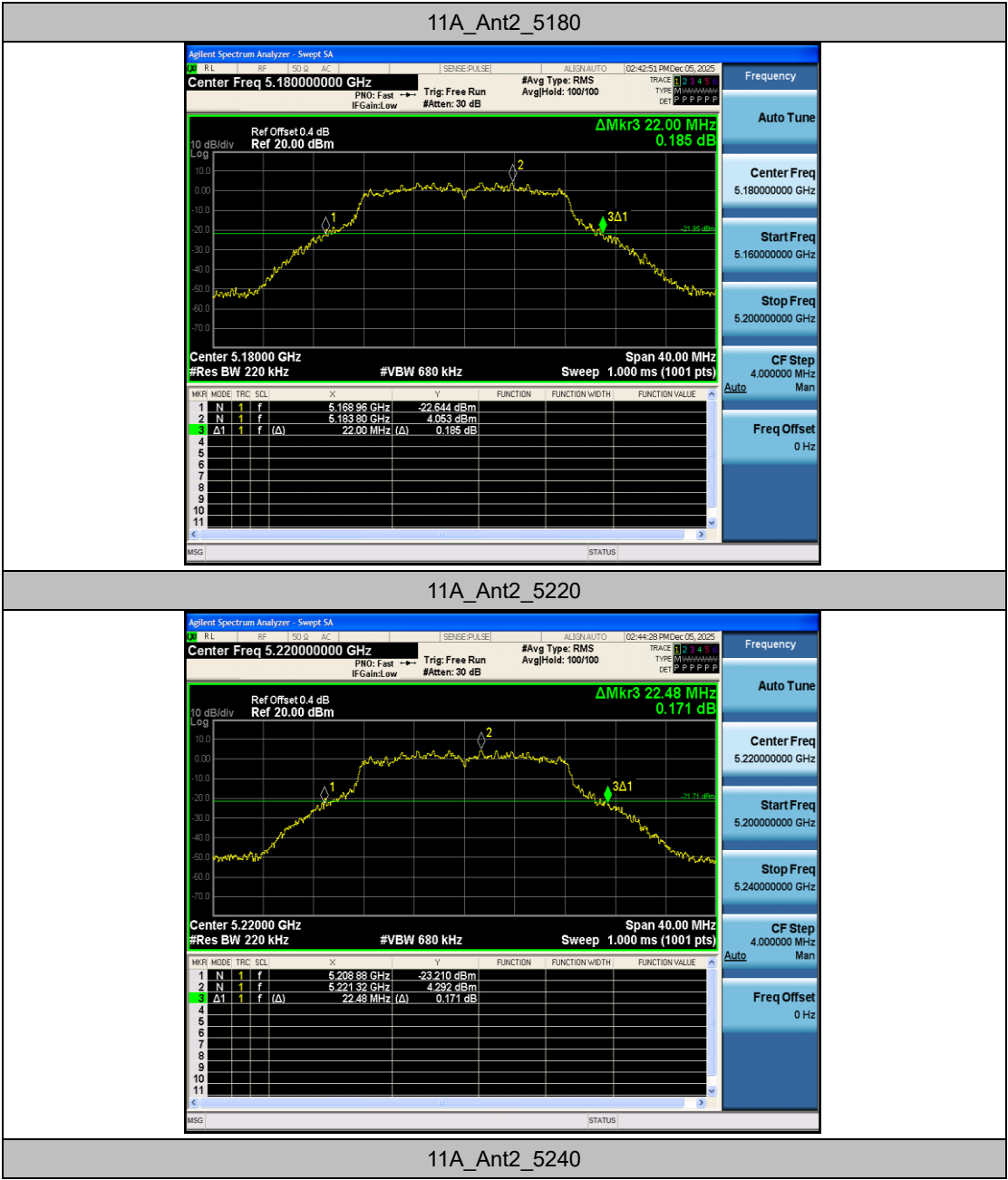
Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	22.000	5168.960	5190.960	---	---
		5220	22.480	5208.880	5231.360	---	---
		5240	22.000	5229.080	5251.080	---	---
		5745	23.240	5733.400	5756.640	---	---
		5785	23.120	5773.360	5796.480	---	---
		5825	23.480	5813.160	5836.640	---	---
11N20SISO	Ant2	5180	22.560	5168.880	5191.440	---	---
		5220	22.800	5208.320	5231.120	---	---
		5240	22.440	5228.680	5251.120	---	---
		5745	23.240	5733.320	5756.560	---	---
		5785	23.240	5773.480	5796.720	---	---
		5825	23.040	5813.280	5836.320	---	---
11N40SISO	Ant2	5190	43.040	5168.560	5211.600	---	---
		5230	42.320	5208.800	5251.120	---	---
		5755	44.320	5733.560	5777.880	---	---
		5795	43.920	5773.800	5817.720	---	---
11AC20SISO	Ant2	5180	22.640	5168.840	5191.480	---	---
		5220	22.440	5208.920	5231.360	---	---
		5240	23.000	5228.480	5251.480	---	---
		5745	22.960	5733.480	5756.440	---	---
		5785	23.200	5773.400	5796.600	---	---
		5825	23.840	5812.680	5836.520	---	---
11AC40SISO	Ant2	5190	42.640	5168.720	5211.360	---	---
		5230	42.560	5208.720	5251.280	---	---
		5755	43.840	5733.960	5777.800	---	---
		5795	43.920	5773.880	5817.800	---	---
11AC80SISO	Ant2	5210	84.640	5168.400	5253.040	---	---
		5775	83.360	5733.400	5816.760	---	---
11AX20SISO	Ant2	5180	22.760	5168.680	5191.440	---	---
		5220	22.880	5208.560	5231.440	---	---
		5240	22.800	5229.000	5251.800	---	---
		5745	23.880	5732.760	5756.640	---	---
		5785	23.640	5773.200	5796.840	---	---
		5825	22.560	5813.800	5836.360	---	---
11AX40SISO	Ant2	5190	42.560	5168.400	5210.960	---	---

		5230	41.680	5208.960	5250.640	---	---
		5755	44.640	5732.920	5777.560	---	---
		5795	44.480	5773.080	5817.560	---	---
11AX80SISO	Ant2	5210	81.760	5169.040	5250.800	---	---
		5775	82.560	5734.040	5816.600	---	---

Test Graphs



11A_Ant2_5220

Agilent Spectrum Analyzer - Swept SA

Center Freq 5.220000000 GHz

Ref Offset 0.4 dB
Ref 20.00 dBm

10 dB/div
Log

1

2

3Δ1

ΔMkr3 22.48 MHz
0.171 dB

20.71 dBm

Center 5.22000 GHz
#Res BW 220 kHz
#VBW 680 kHz
Span 40.00 MHz
Sweep 1.000 ms (1001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.208 88 GHz	-23.210 dBm			
2	N	1	f	5.221 32 GHz	4.292 dBm			
3	Δ1	1	f (Δ)	22.48 MHz (Δ)	0.171 dB			

Frequency

Auto Tune

Center Freq
5.220000000 GHz

Start Freq
5.200000000 GHz

Stop Freq
5.240000000 GHz

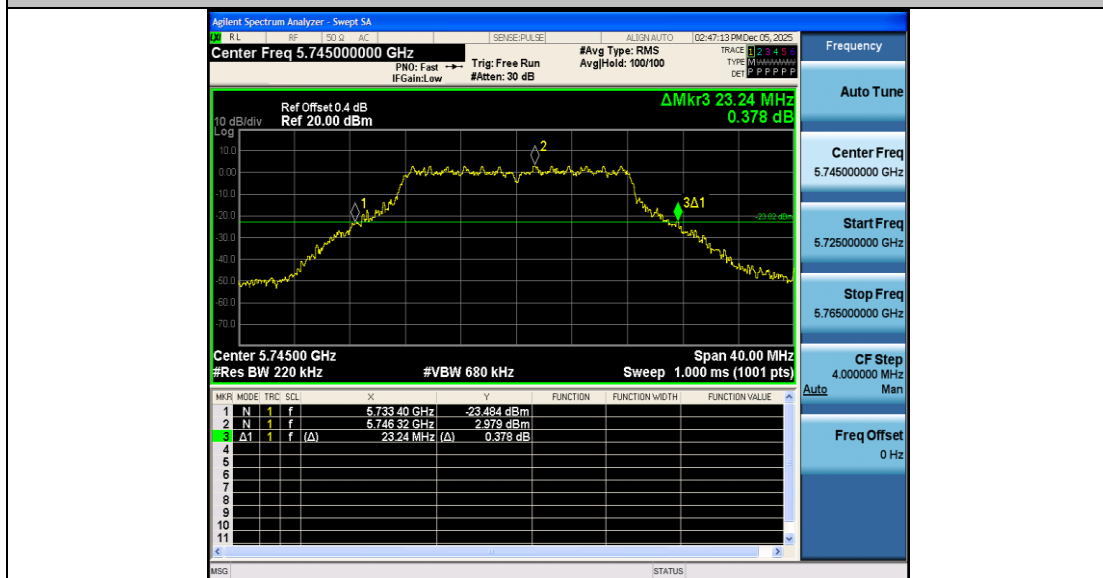
CF Step
4.000000 MHz
Auto
Man

Freq Offset
0 Hz

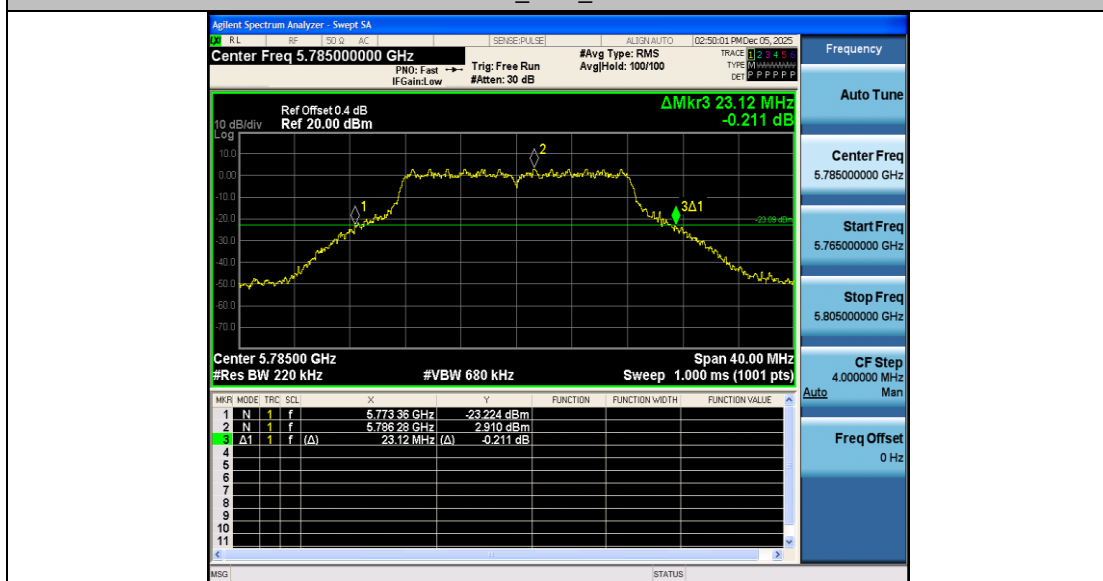
11A_Ant2_5240



11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5180



11N20SISO_Ant2_5220



11N20SISO_Ant2_5240



11N20SISO_Ant2_5745

