

Appendix E: Band edge measurements

Test Result B1/2/3

TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-35.06	≤-27	PASS
		High	5320	-35.45	≤-27	PASS
		Low	5500	-38.21	≤-27	PASS
		High	5700	-32.01	≤-27	PASS
11N20SISO	Ant1	Low	5180	-36	≤-27	PASS
		High	5320	-35.08	≤-27	PASS
		Low	5500	-36.59	≤-27	PASS
		High	5700	-32.28	≤-27	PASS
11N40SISO	Ant1	Low	5190	-35.18	≤-27	PASS
		High	5310	-36.63	≤-27	PASS
		Low	5510	-27.04	≤-27	PASS
		High	5670	-32.88	≤-27	PASS

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-43.42	≤-26.62	PASS
				5700~5720	-34.28	≤14.95	PASS
				5720~5725	-31.95	≤19.75	PASS
				5760~5650	-41.91	≤-27	PASS
		High	5825	5850~5855	-35.73	≤16.34	PASS
				5855~5875	-34.66	≤14.82	PASS
				5875~5925	-41.59	≤-26.71	PASS
				5925~5935	-41.26	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-41.63	≤-26.27	PASS
				5700~5720	-34.18	≤15.05	PASS
				5720~5725	-29.38	≤19.75	PASS
				5760~5650	-41.94	≤-27	PASS
		High	5825	5850~5855	-34.97	≤16.34	PASS
				5855~5875	-35.56	≤14.71	PASS
				5875~5925	-41.33	≤-25.61	PASS
				5925~5935	-40.89	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-44.18	≤-26.80	PASS
				5700~5720	-23.68	≤14.75	PASS
				5720~5725	-22.55	≤17.89	PASS
				5780~5650	-42.75	≤-27	PASS
		High	5795	5850~5855	-35.57	≤17.54	PASS

				5855~5875	-38.2	≤10.94	PASS
				5875~5925	-42.67	≤-26.95	PASS
				5925~5935	-40.76	≤-27	PASS

Test Graphs B1/2/3





11A_Ant1_High_5700



11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5320



11N20SISO_Ant1_Low_5500



11N20SISO_Ant1_High_5700



11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5310





Test Graphs B4



11A_Ant1_High_5825

Spectrum Analyzer 1
Swept SA

KEYSIGHT
Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)

#Atten: 30 dB
Preamp: Off

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

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
M M M M M M
P P P P P P

Center Frequency
5.867500000 GHz

Span
135.000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
5.800000000 GHz

Stop Freq
5.935000000 GHz

AUTO TUNE

CF Step
13.500000 MHz

Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)

1 Spectrum

Scale/Div 10 dB

Ref Lvl Offset 16.29 dB
Ref Level 20.00 dBm

Trace 1 Pass

Mkr4 5.929 060 GHz
-41.26 dBm

Start 5.80000 GHz
#Res BW 100 kHz

#Video BW 300 kHz

Stop 5.93500 GHz
Sweep 12.9 ms (1001 pts)

5 Marker Table

	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value
1	N	1	f	5.854 675 GHz	-35.73 dBm			
2	N	1	f	5.857 780 GHz	-34.66 dBm			
3	N	1	f	5.924 605 GHz	-41.59 dBm			
4	N	1	f	5.929 060 GHz	-41.26 dBm			
5								
6								

Dec 02, 2025
1:47:12 AM

11N20SISO_Ant1_Low_5745

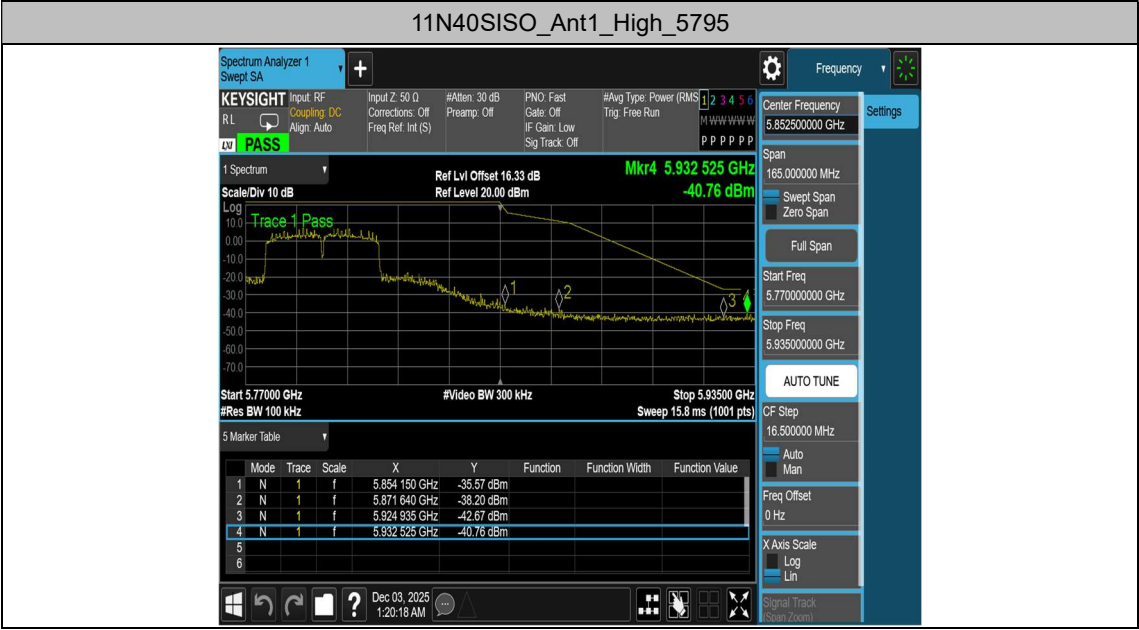


11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755





Appendix F: Conducted Spurious Emission

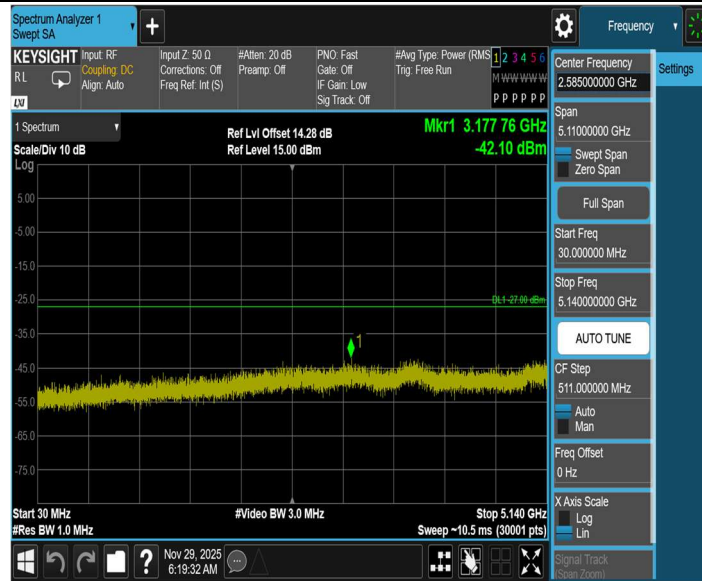
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5139.15	-35.61	≤-27	PASS
			5360~40000	38777.21	-35.28	≤-27	PASS
		5200	30~5140	3177.76	-42.1	≤-27	PASS
			5360~40000	38911.15	-35.43	≤-27	PASS
		5240	30~5140	4958.6	-41.29	≤-27	PASS
			5360~40000	38838.41	-35.79	≤-27	PASS
		5260	30~5140	3786.19	-42.1	≤-27	PASS
			5360~40000	38720.63	-35.18	≤-27	PASS
		5280	30~5140	4957.74	-41.97	≤-27	PASS
			5360~40000	38747.19	-35.91	≤-27	PASS
		5320	30~5140	3748.38	-41.96	≤-27	PASS
			5360~40000	5366.93	-34.09	≤-27	PASS
		5500	30~5460	5455.48	-37.97	≤-27	PASS
			5735~40000	39135.38	-34.51	≤-27	PASS
		5580	30~5460	3918.06	-42.21	≤-27	PASS
			5735~40000	38946.92	-35.02	≤-27	PASS
		5700	30~5460	5128.05	-42.27	≤-27	PASS
			5735~40000	5735	-30.21	≤-27	PASS
		5745	30~5650	3893.94	-35.94	≤-27	PASS
			5925~40000	38894.83	-30.25	≤-27	PASS
		5785	30~5650	4929.7	-36.06	≤-27	PASS
			5925~40000	38746.04	-30.46	≤-27	PASS
		5825	30~5650	3795.77	-35.5	≤-27	PASS
			5925~40000	36394.87	-29.31	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5137.1	-34.03	≤-27	PASS
			5360~40000	38699.85	-36.05	≤-27	PASS
		5200	30~5140	5119.56	-40.51	≤-27	PASS
			5360~40000	38677.91	-35.3	≤-27	PASS
		5240	30~5140	3806.8	-41.39	≤-27	PASS
			5360~40000	39128.23	-35.7	≤-27	PASS
		5260	30~5140	3198.2	-41.91	≤-27	PASS
			5360~40000	39085.5	-35.8	≤-27	PASS
		5280	30~5140	3819.24	-41.31	≤-27	PASS
			5360~40000	39220.6	-36.34	≤-27	PASS
		5320	30~5140	3780.4	-41.74	≤-27	PASS
			5360~40000	5361.15	-32.78	≤-27	PASS
		5500	30~5460	5459.46	-36.27	≤-27	PASS

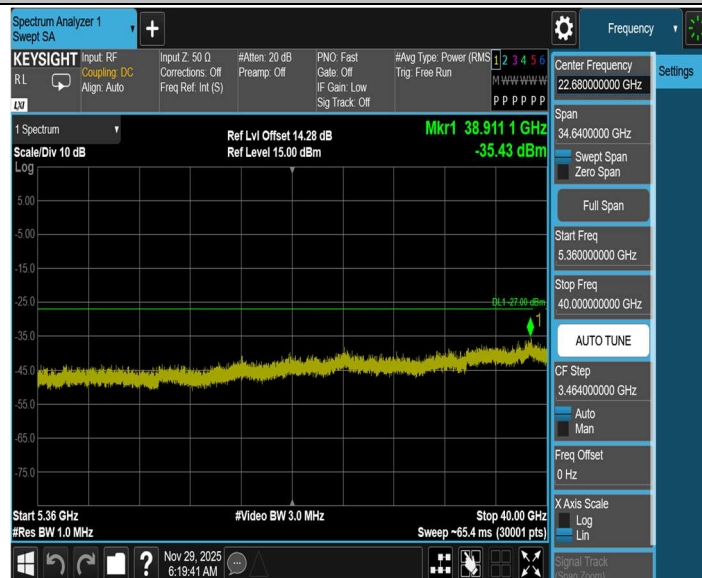
			5735~40000	38974.33	-34.95	≤-27	PASS
		5580	30~5460	5185.97	-41.79	≤-27	PASS
			5735~40000	38822.43	-34.9	≤-27	PASS
		5700	30~5460	3256.51	-42.13	≤-27	PASS
			5735~40000	5735	-31.13	≤-27	PASS
		5745	30~5650	4946	-35.98	≤-27	PASS
			5925~40000	38075.9	-30.05	≤-27	PASS
		5785	30~5650	3826.68	-35.27	≤-27	PASS
			5925~40000	38866.44	-29.83	≤-27	PASS
		5825	30~5650	5060.84	-35.84	≤-27	PASS
			5925~40000	38855.08	-28	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5140	-35.31	≤-27	PASS
			5360~40000	39580.86	-35.99	≤-27	PASS
		5230	30~5140	5138.64	-40.81	≤-27	PASS
			5360~40000	38846.49	-35.48	≤-27	PASS
		5270	30~5140	3812.08	-41.64	≤-27	PASS
			5360~40000	5360	-32.81	≤-27	PASS
		5310	30~5140	5094.01	-42.5	≤-27	PASS
			5360~40000	5361.15	-31.41	≤-27	PASS
		5510	30~5460	5458.91	-29.91	≤-27	PASS
			5735~40000	38565.44	-35.36	≤-27	PASS
		5550	30~5460	5458.73	-39.91	≤-27	PASS
			5735~40000	38712.78	-35.76	≤-27	PASS
		5670	30~5460	3743.76	-40.67	≤-27	PASS
			5735~40000	5737.28	-29.09	≤-27	PASS
		5755	30~5650	3813.57	-36.36	≤-27	PASS
			5925~40000	39254.89	-29.96	≤-27	PASS
		5795	30~5650	3828.18	-36.12	≤-27	PASS
			5925~40000	38569.99	-29.52	≤-27	PASS

Test Graphs

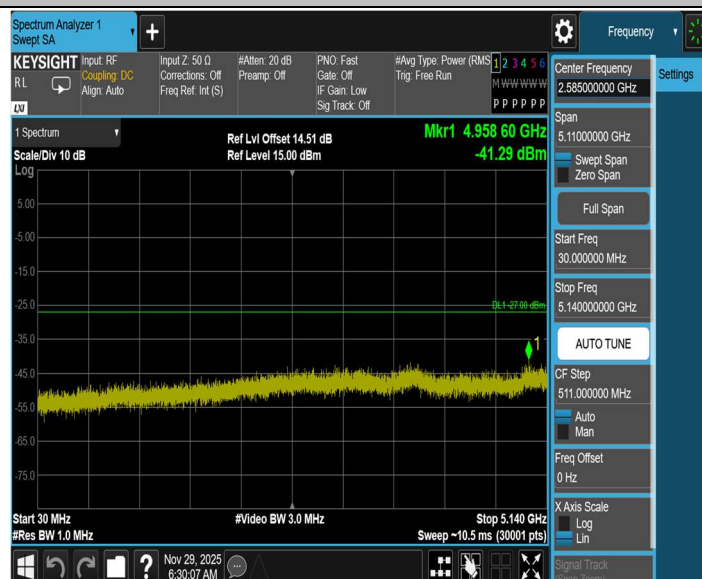




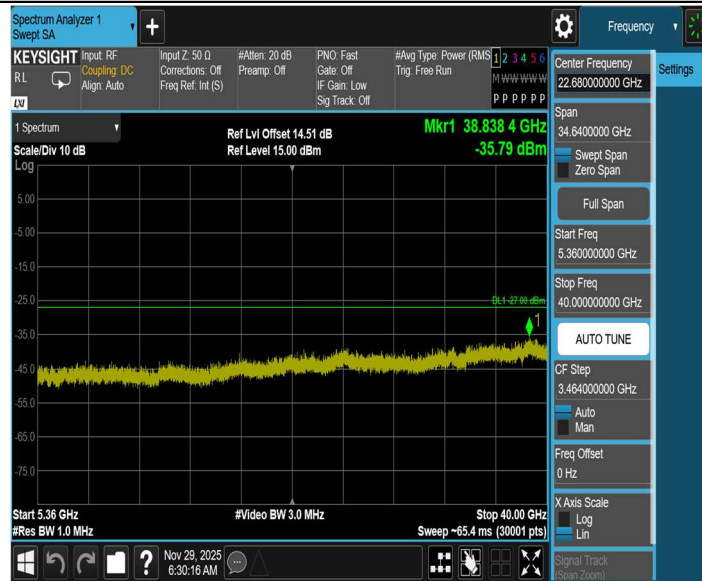
11A_Ant1_5200_5360~40000



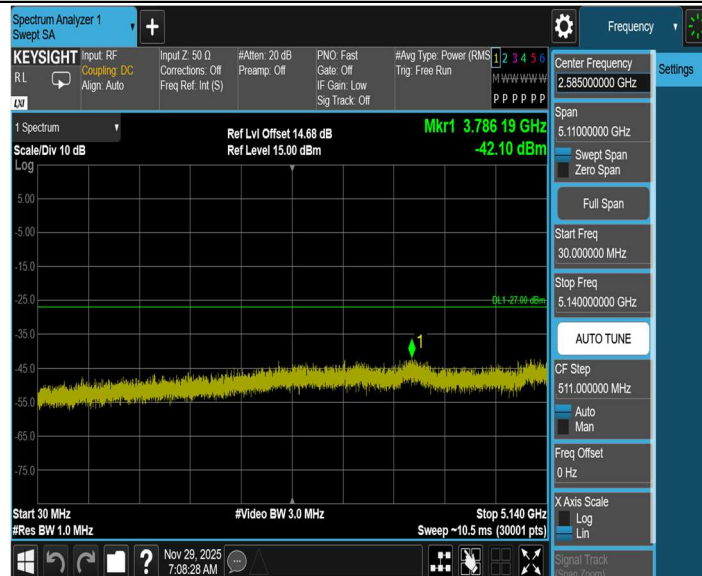
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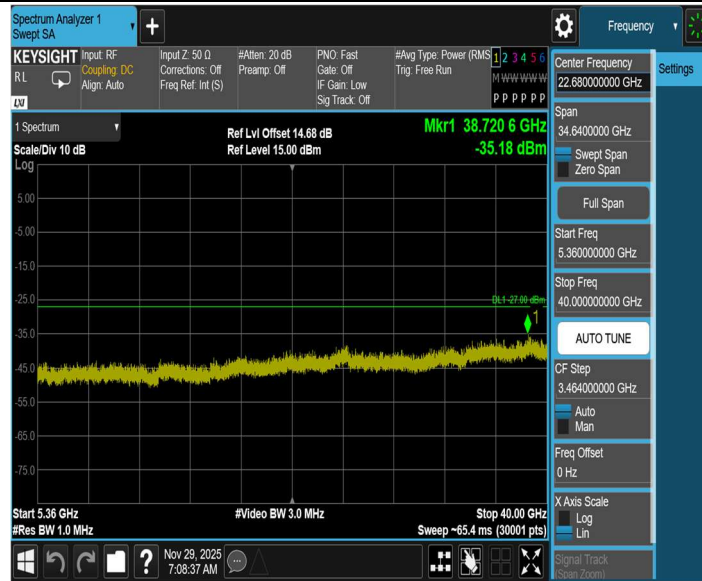
11A_Ant1_5240_5360~40000



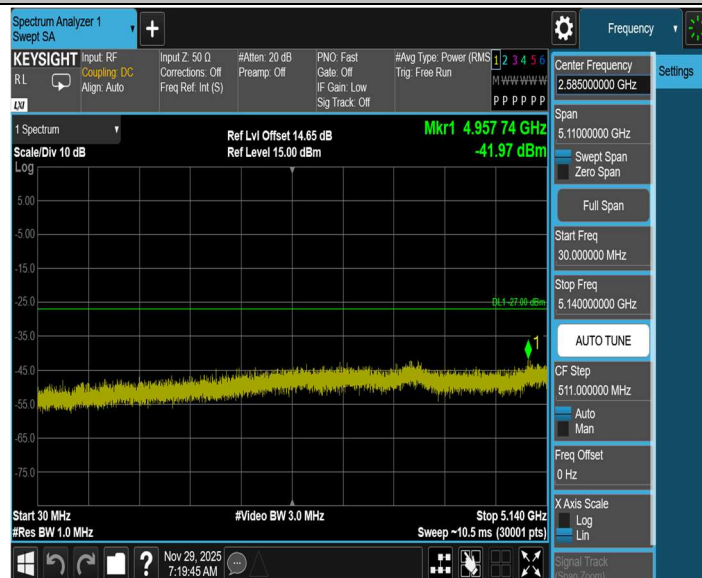
11A_Ant1_5260_30~5140



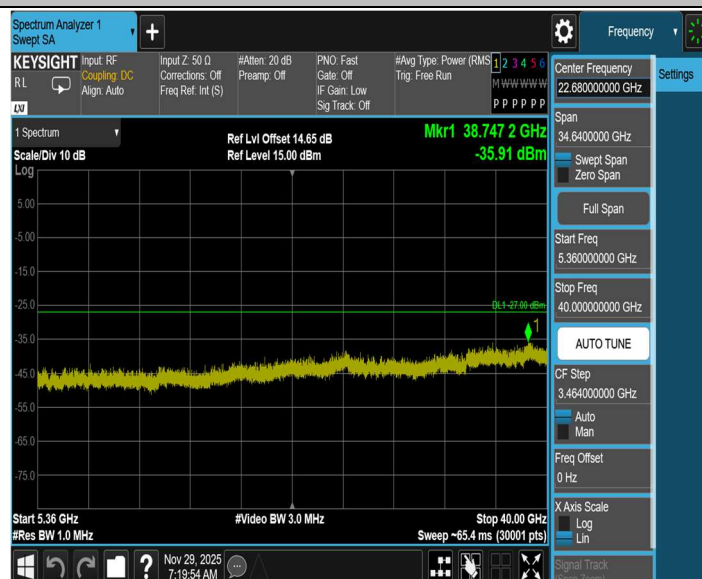
11A_Ant1_5260_5360~40000



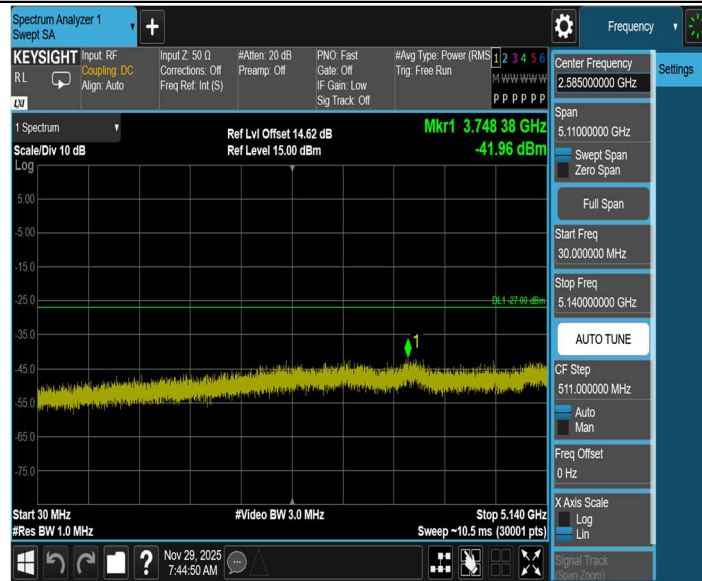
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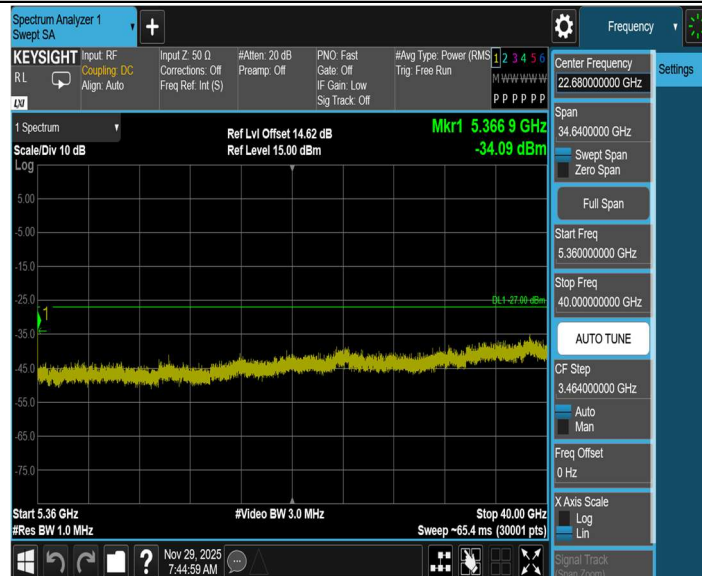
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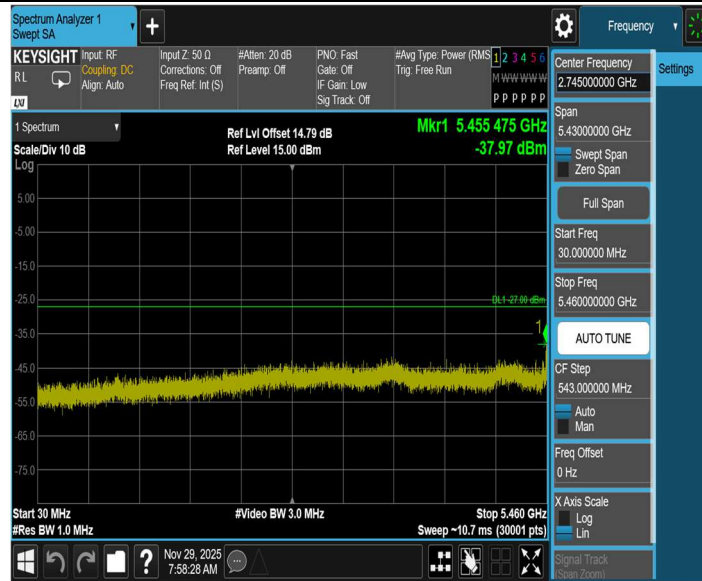
11A_Ant1_5320_30~5140



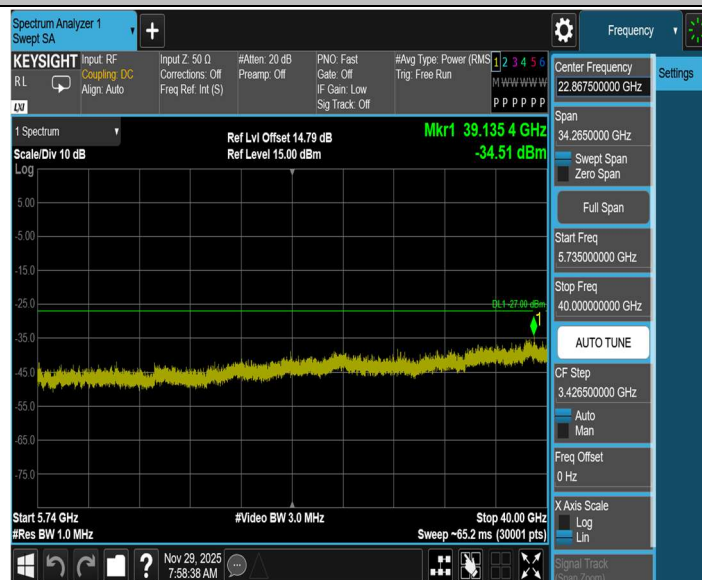
11A_Ant1_5320_5360~40000



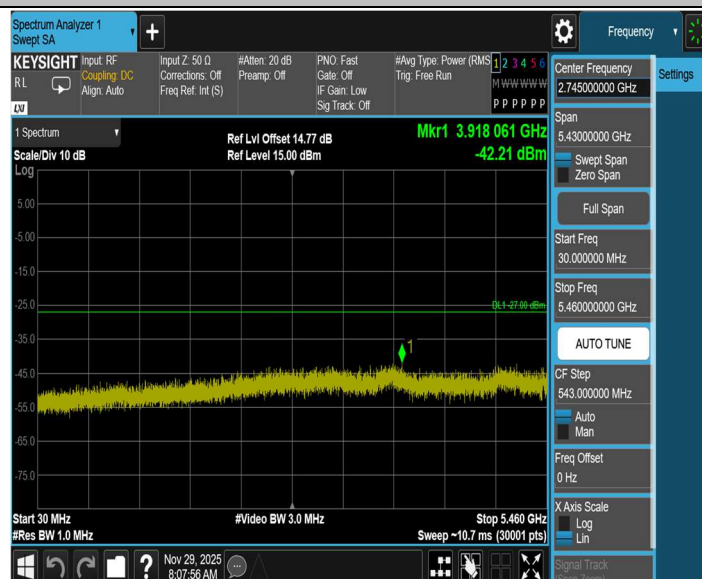
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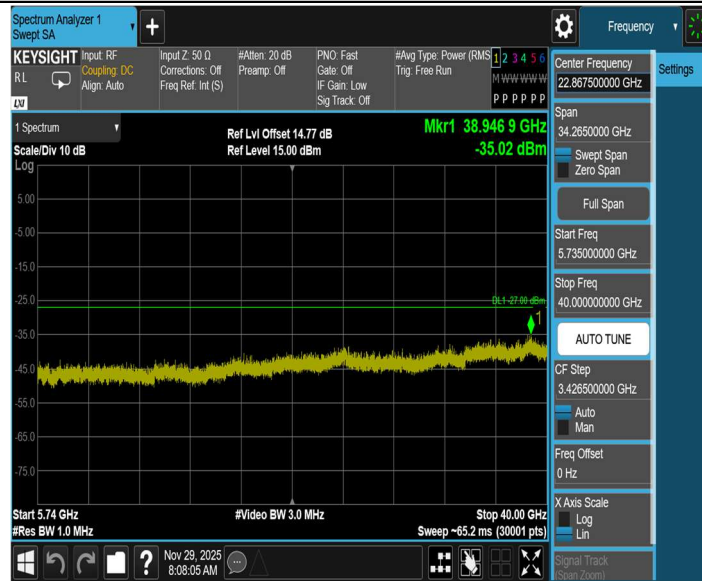
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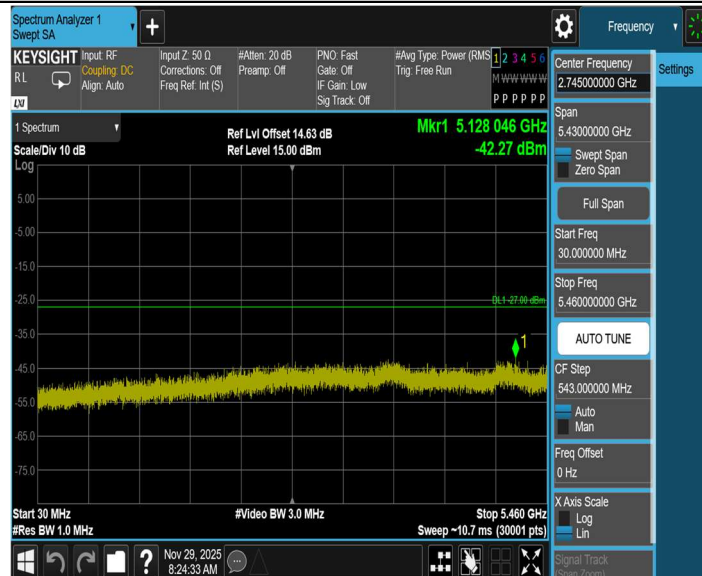
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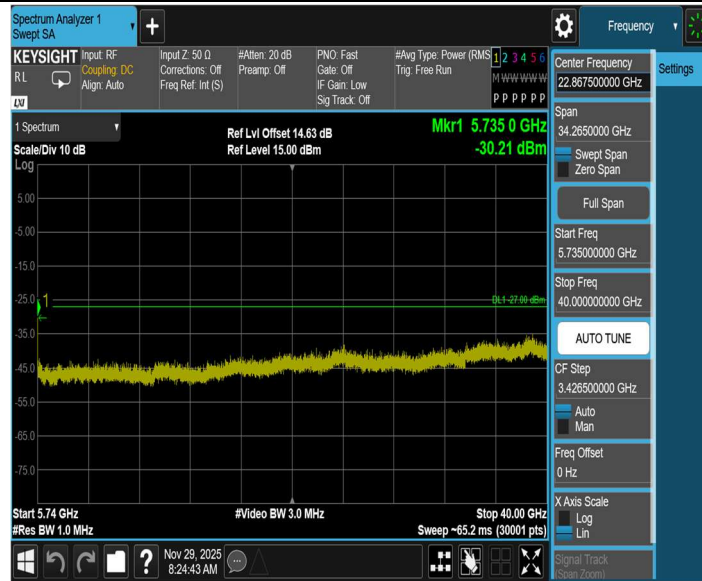
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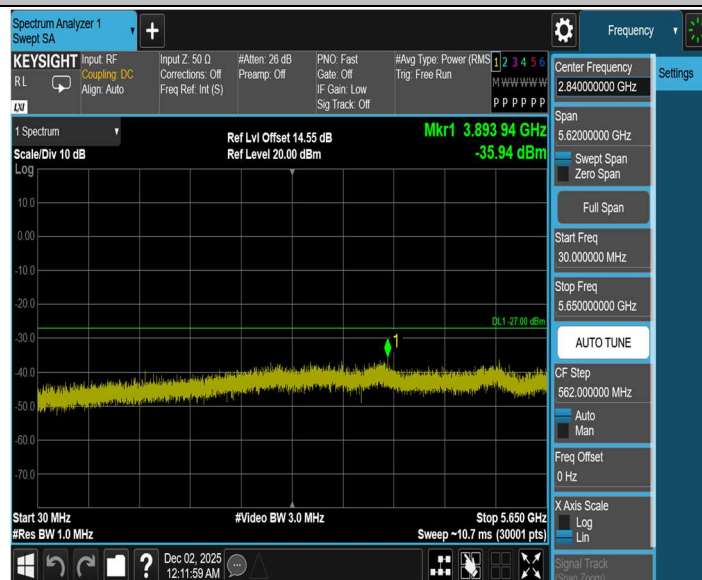
11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~40000



11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~40000

