



Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Duty Cycle [%]
11A	Ant1	5180	100.00
		5200	100.00
		5240	100.00
		5745	100.00
		5785	100.00
		5825	100.00
11N20SISO	Ant1	5180	100.00
		5200	100.00
		5240	100.00
		5745	100.00
		5785	100.00
		5825	100.00
11N40SISO	Ant1	5190	100.00
		5230	100.00
		5755	100.00
		5795	100.00

Test Graphs



11A_Ant1_5200

Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
RL → Coupling: DC
Align: Auto

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

#Atten: 30 dB

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

#Avg Type: Power (RMS)
Trig: Video
Trig Delay: -2.000 ms

1 2 3 4 5 6
W W W W W W W W
P P P P P P P P

Center Frequency
5.200000000 GHz

Span
0.00000000 Hz
Swept Span
Zero Span
Full Span

Start Freq
5.200000000 GHz

Stop Freq
5.200000000 GHz

AUTO TUNE

CF Step
8.000000 MHz
Auto
Man

Freq Offset
0 Hz

X Axis Scale
Log
Lin

Signal Track
(Span Zoom)

1 Spectrum
Ref Lvl Offset 14.28 dB
Ref Level 25.00 dBm

Scale/Div 10 dB

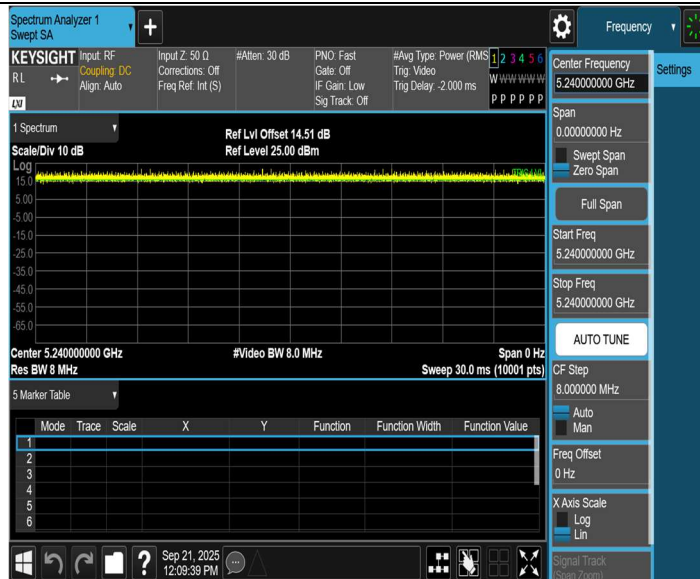
Log

Center 5.200000000 GHz
Res BW 8 MHz
#Video BW 8.0 MHz
Span 0 Hz
Sweep 30.0 ms (10001 pts)

5 Marker Table

Sep 21, 2025
12:03:10 PM

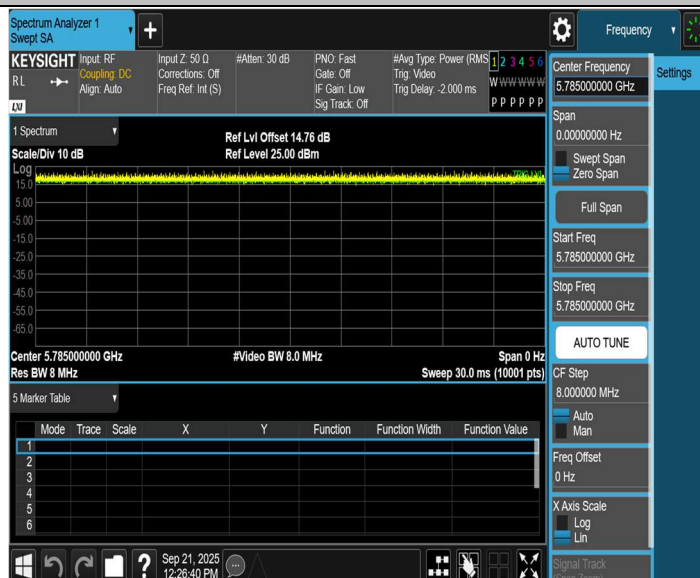
11A_Ant1_5240



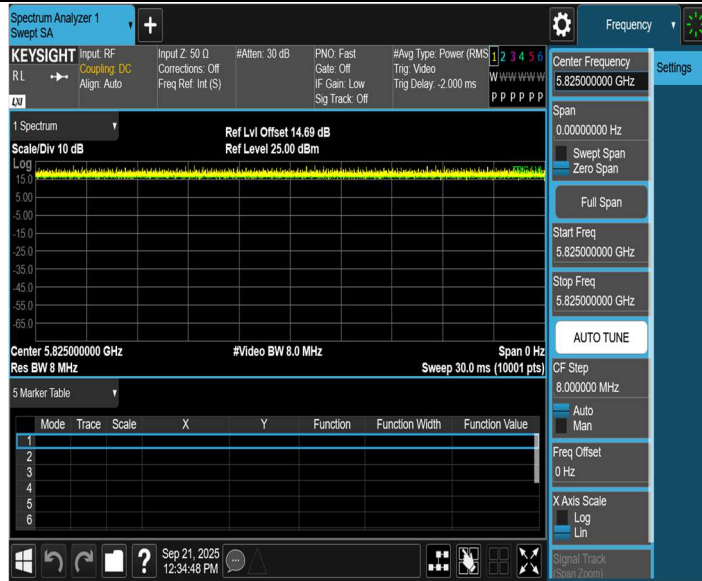
11A_Ant1_5745



11A_Ant1_5785



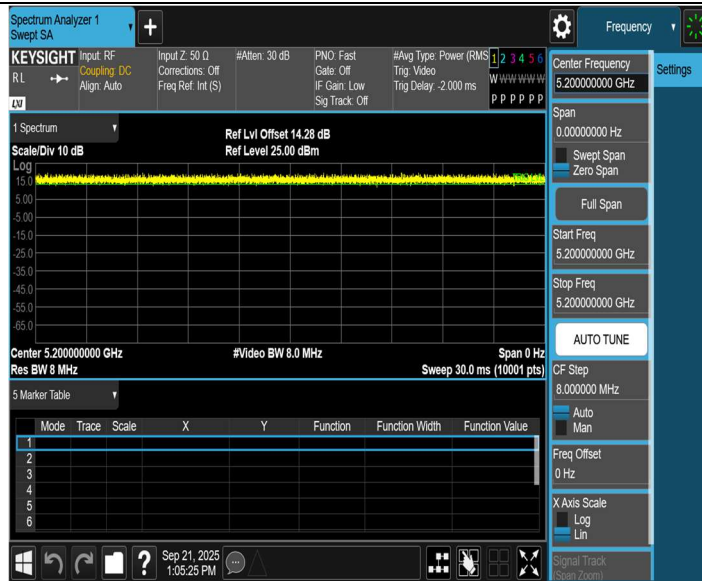
11A_Ant1_5825



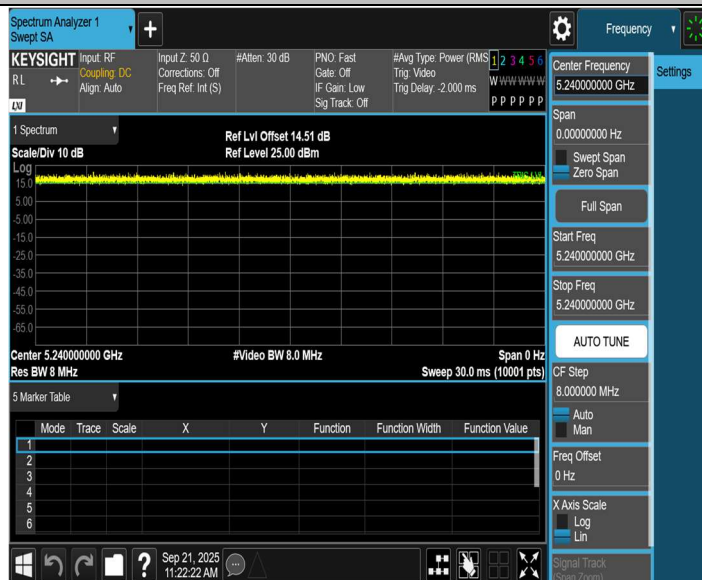
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



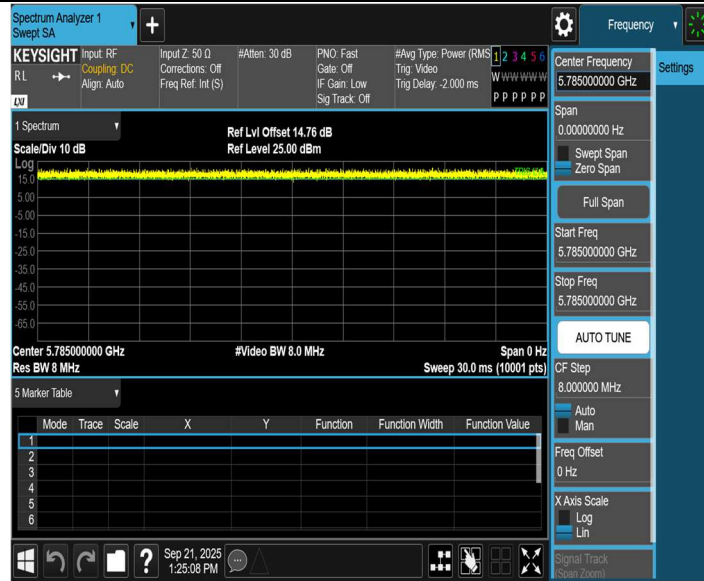
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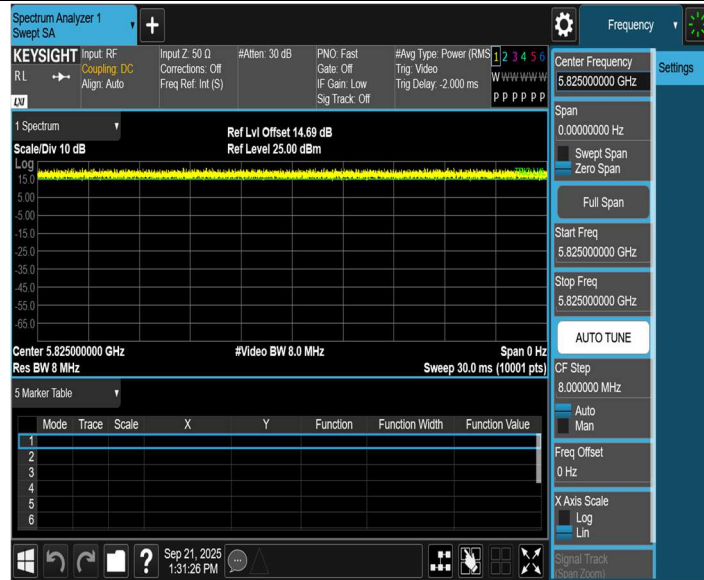
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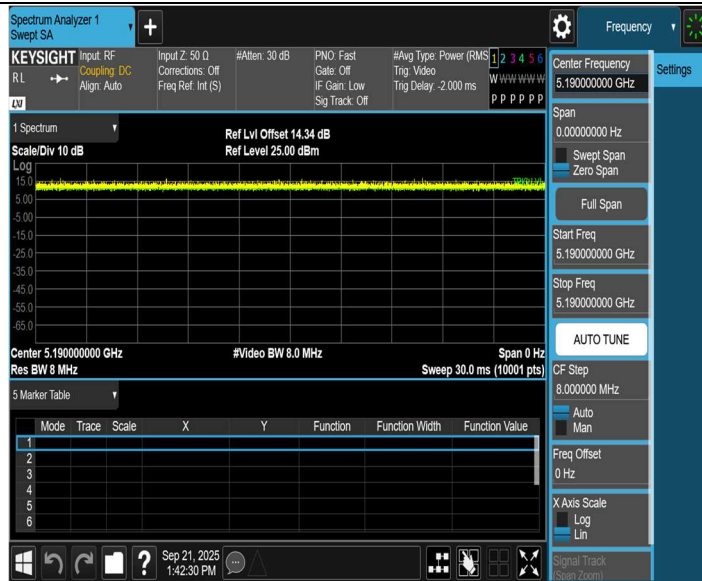
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



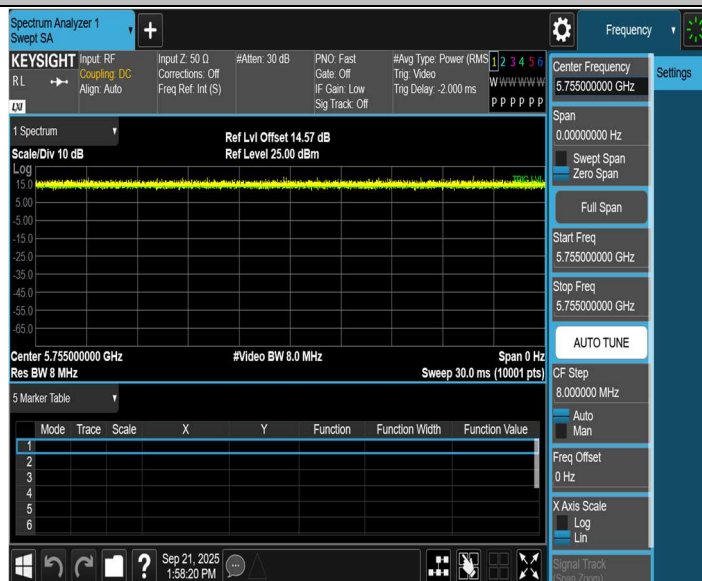
11N40SISO_Ant1_5190



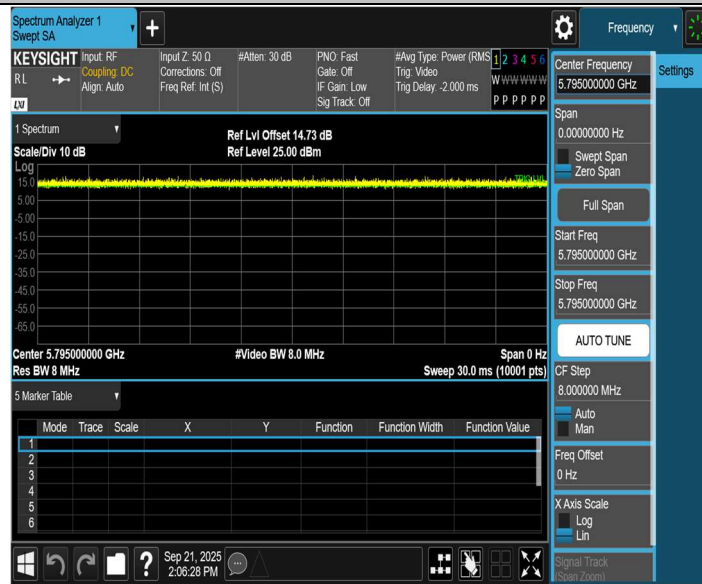
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



Appendix C: Maximum conducted output power

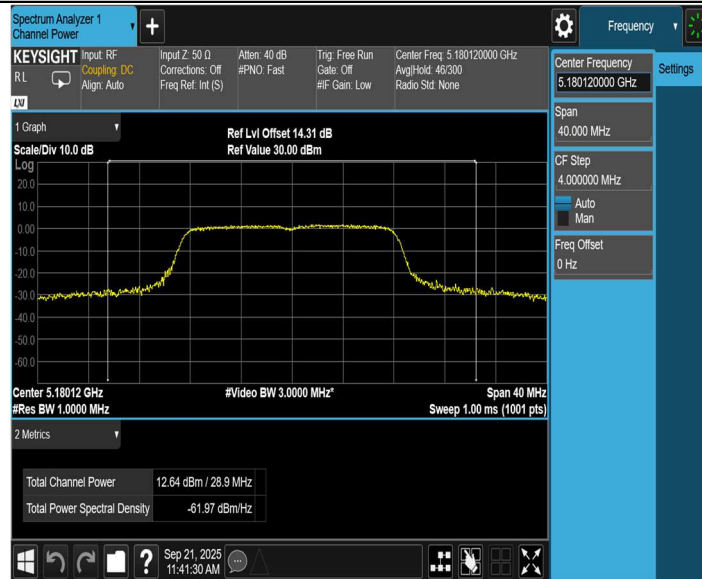
Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	12.63	0.00	12.63	≤23.98	2.92	15.55	22.44	PASS
		5200	13.23	0.00	13.23	≤23.98	2.92	16.15	22.48	PASS
		5240	14.14	0.00	14.14	≤23.98	2.92	17.06	22.72	PASS
		5745	16.04	0.00	16.04	≤30.00	1.33	17.37	---	PASS
		5785	15.36	0.00	15.36	≤30.00	1.33	16.69	---	PASS
		5825	14.89	0.00	14.89	≤30.00	1.33	16.22	---	PASS
11N20SISO	Ant1	5180	12.27	0.00	12.27	≤23.98	2.92	15.19	22.65	PASS
		5200	13.01	0.00	13.01	≤23.98	2.92	15.93	22.71	PASS
		5240	14.47	0.00	14.47	≤23.98	2.92	17.39	22.86	PASS
		5745	15.73	0.00	15.73	≤30.00	1.33	17.06	---	PASS
		5785	14.84	0.00	14.84	≤30.00	1.33	16.17	---	PASS
		5825	14.78	0.00	14.78	≤30.00	1.33	16.11	---	PASS
11N40SISO	Ant1	5190	12.59	0.00	12.59	≤23.98	2.92	15.51	23	PASS
		5230	13.98	0.00	13.98	≤23.98	2.92	16.90	23	PASS
		5755	15.50	0.00	15.50	≤30.00	1.33	16.83	---	PASS
		5795	14.72	0.00	14.72	≤30.00	1.33	16.05	---	PASS

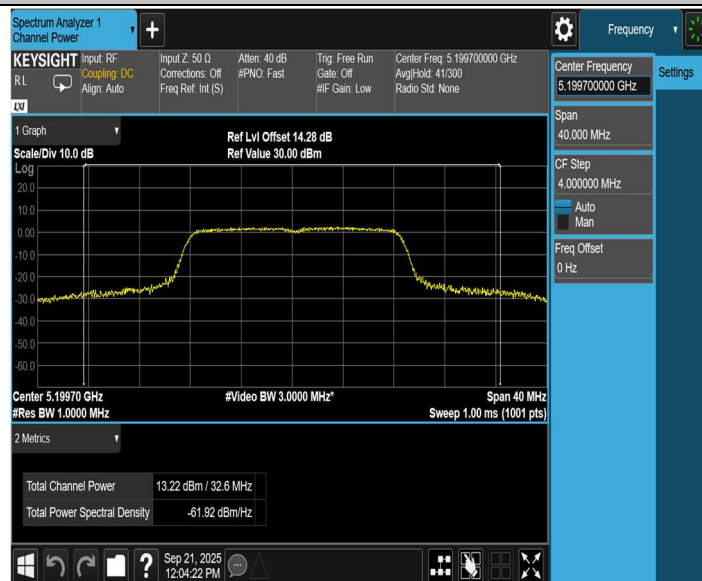
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

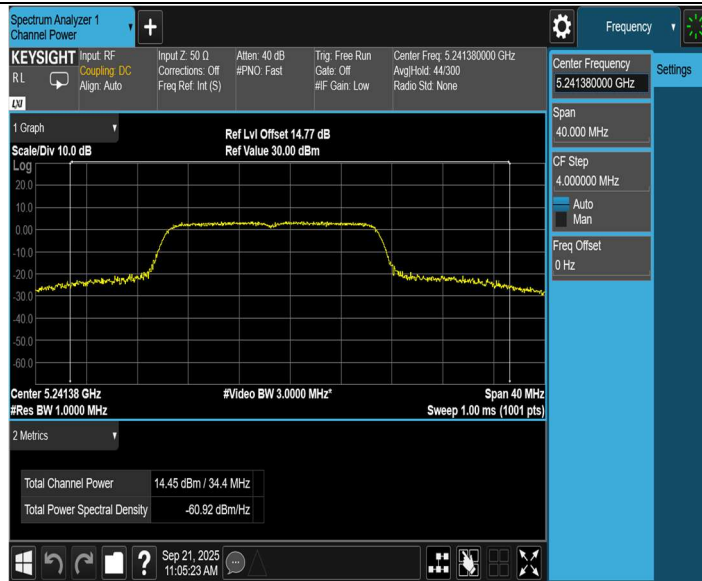
11A_Ant1_5180



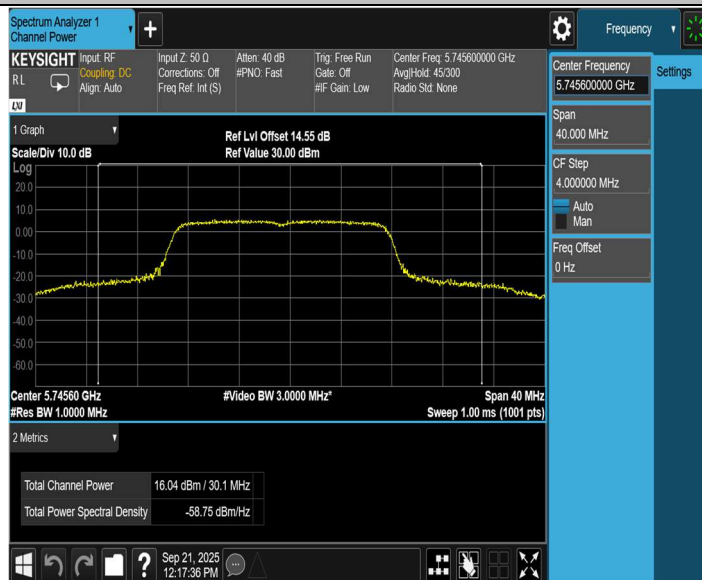
11A_Ant1_5200



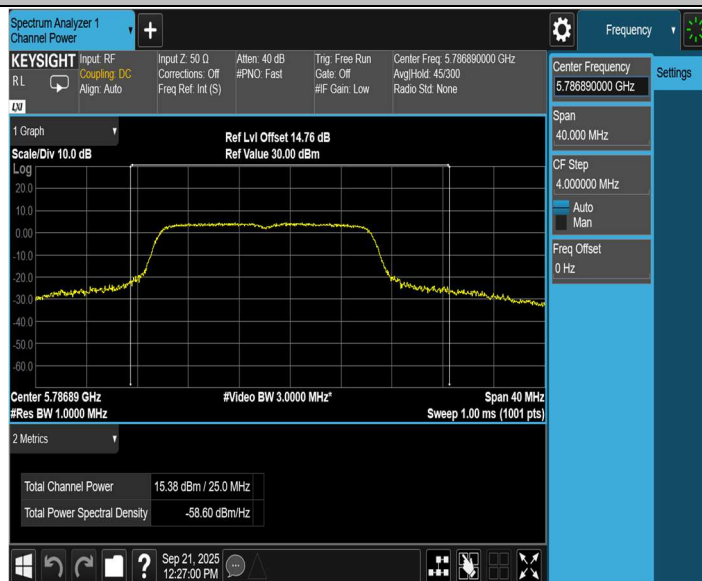
11A_Ant1_5240



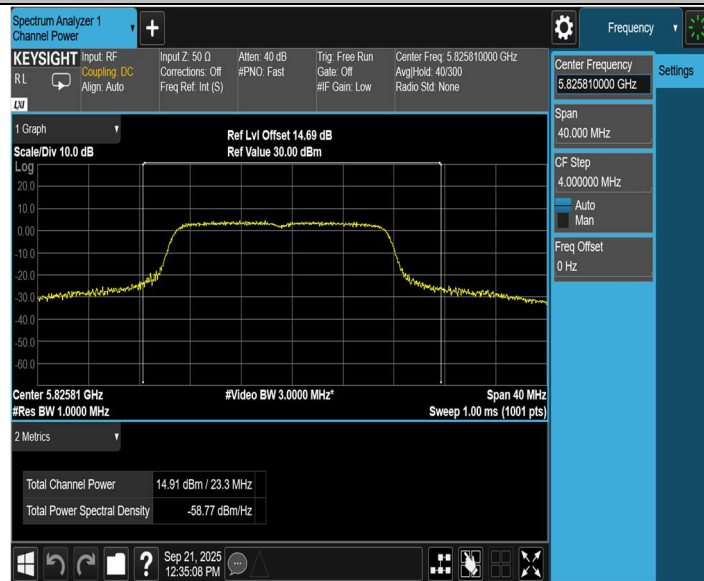
11A_Ant1_5745



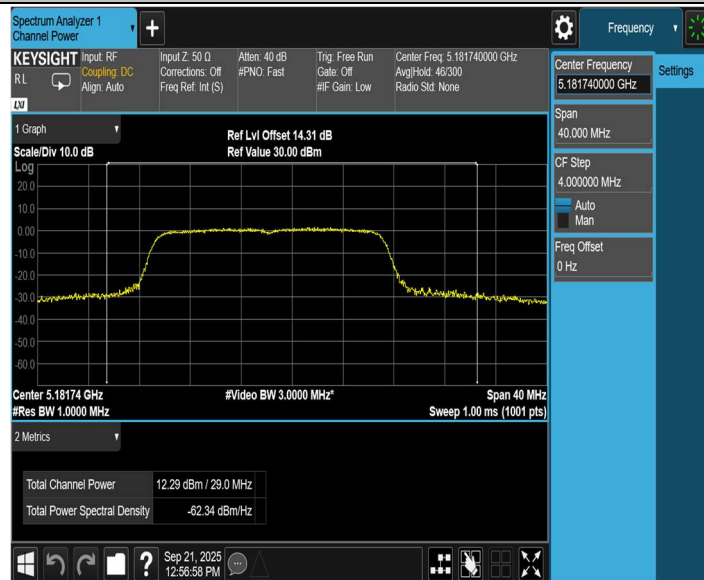
11A_Ant1_5785



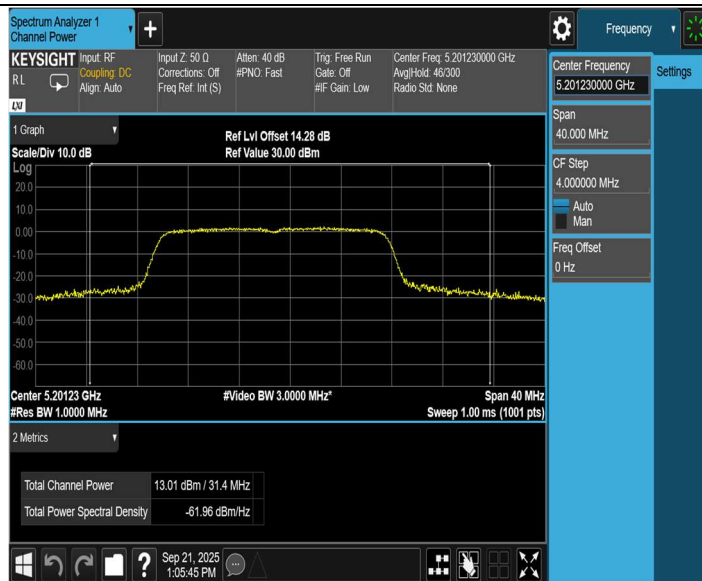
11A_Ant1_5825



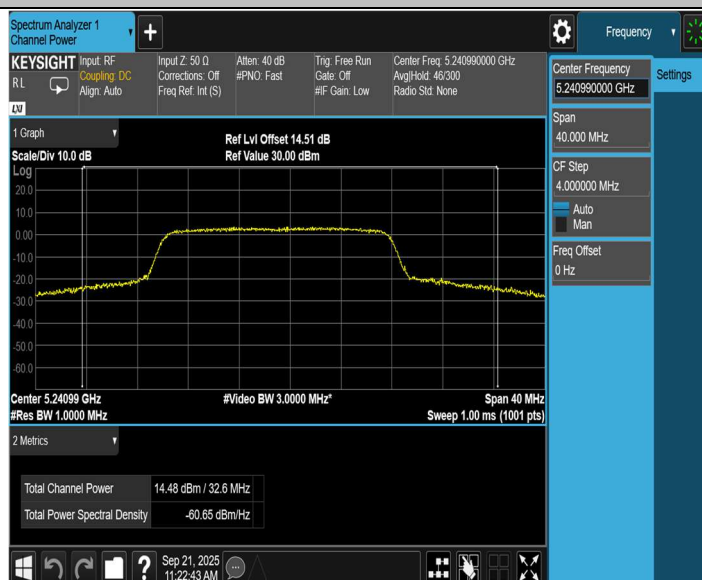
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



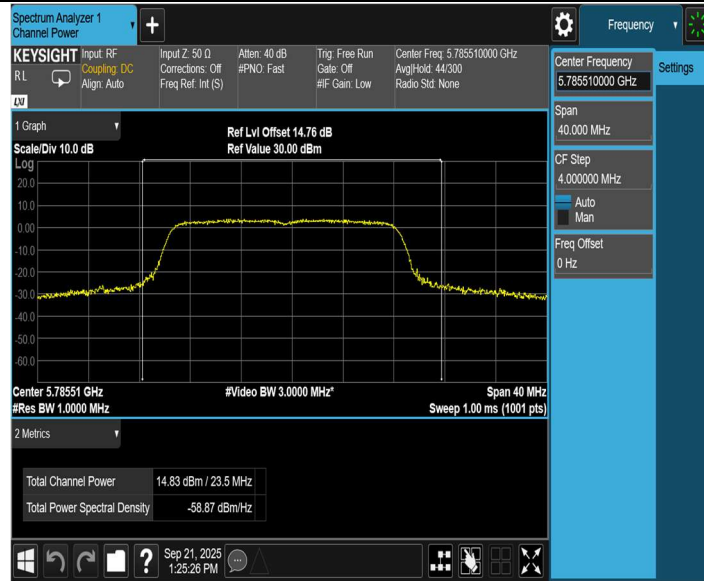
11N20SISO_Ant1_5240



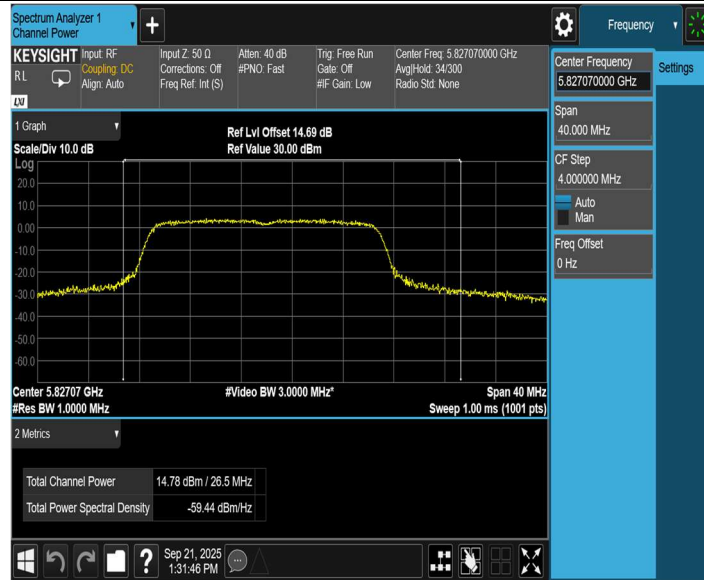
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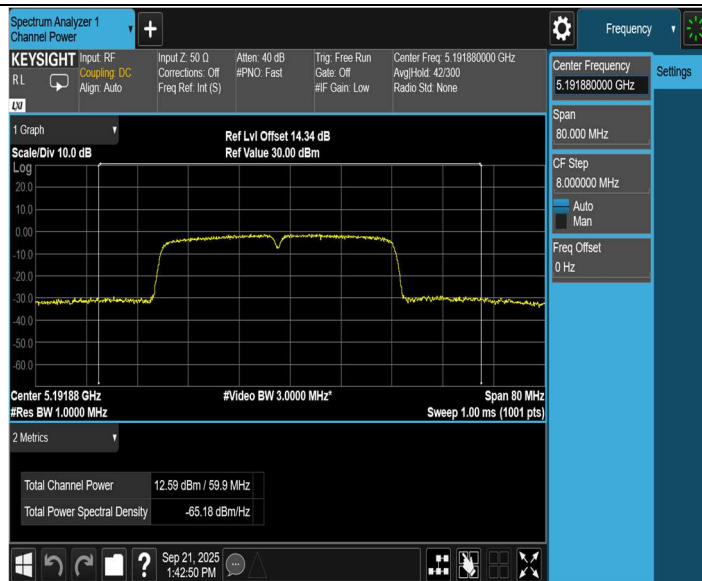
11N20SISO_Ant1_5785



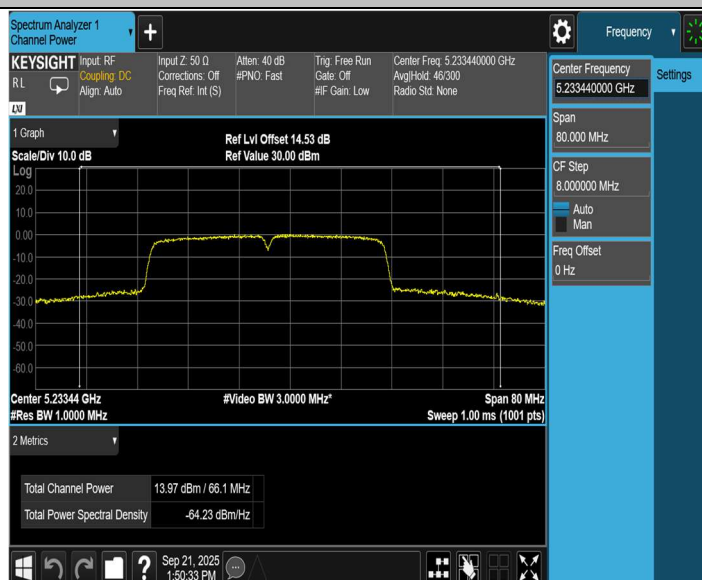
11N20SISO_Ant1_5825



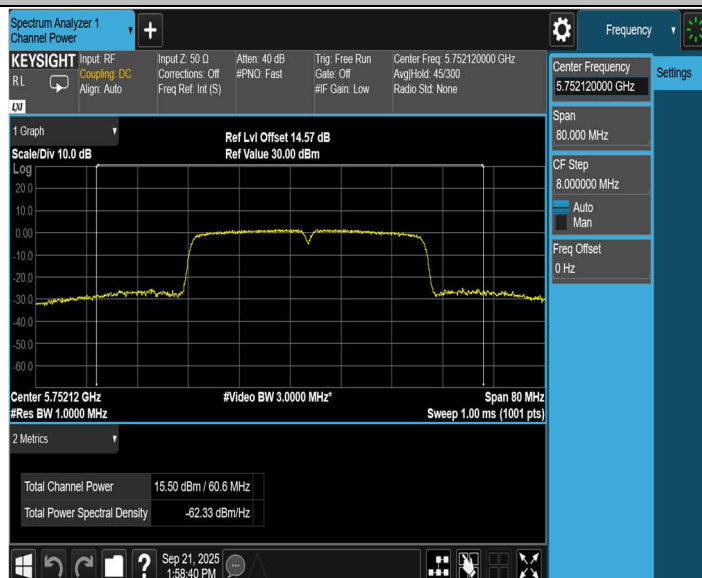
11N40SISO_Ant1_5190



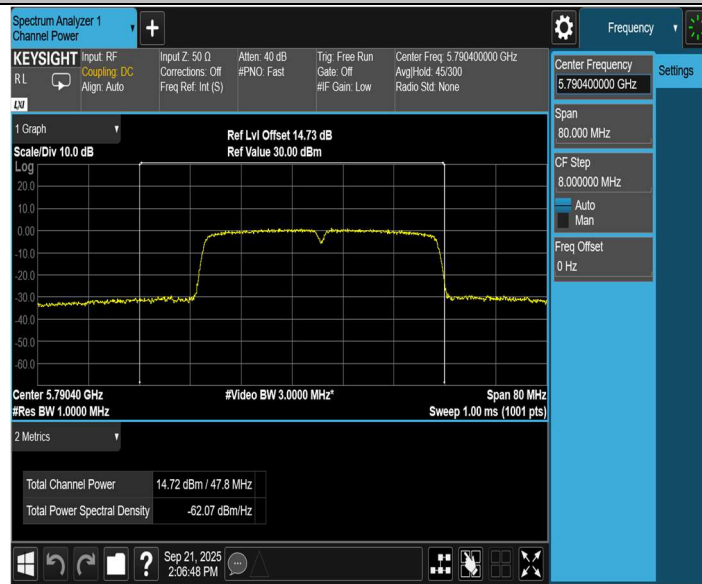
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	EIRP PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	2.50	---	5.42	≤10.00	PASS
		5200	3.39	---	6.31	≤10.00	PASS
		5240	4.19	---	7.11	≤10.00	PASS
		5745	3.26	≤30.00	---	---	PASS
		5785	2.31	≤30.00	---	---	PASS
		5825	2.49	≤30.00	---	---	PASS
11N20SISO	Ant1	5180	2.14	≤11.00	5.06	≤10.00	PASS
		5200	3.04	≤11.00	5.96	≤10.00	PASS
		5240	4.42	≤11.00	7.34	≤10.00	PASS
		5745	2.87	≤30.00	---	---	PASS
		5785	1.94	≤30.00	---	---	PASS
		5825	1.39	≤30.00	---	---	PASS
11N40SISO	Ant1	5190	-0.78	≤11.00	2.14	≤10.00	PASS
		5230	1.29	≤11.00	4.21	≤10.00	PASS
		5755	-0.88	≤30.00	---	---	PASS
		5795	-1.40	≤30.00	---	---	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

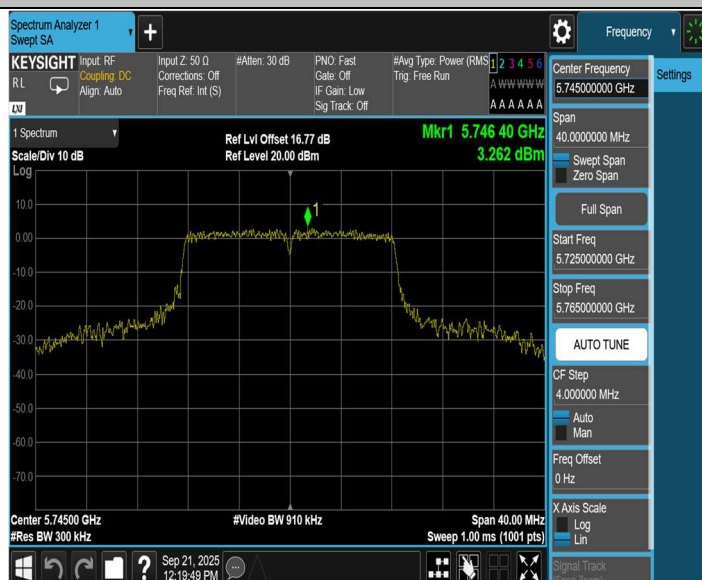
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





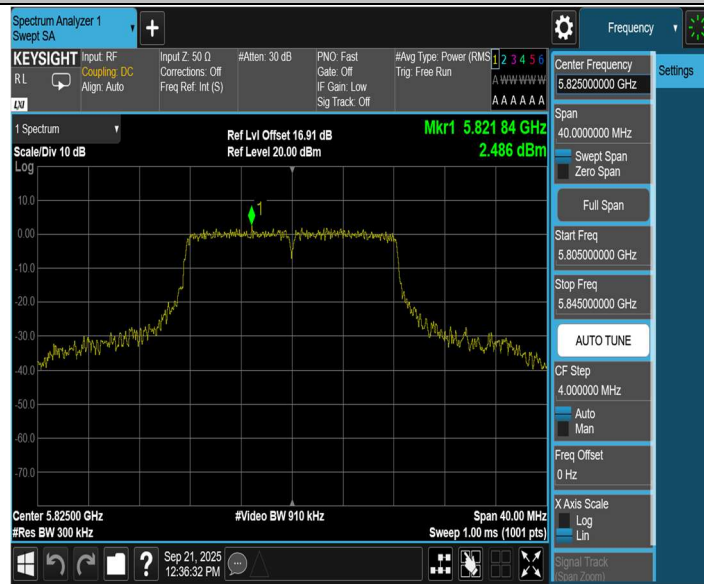
11A_Ant1_5745



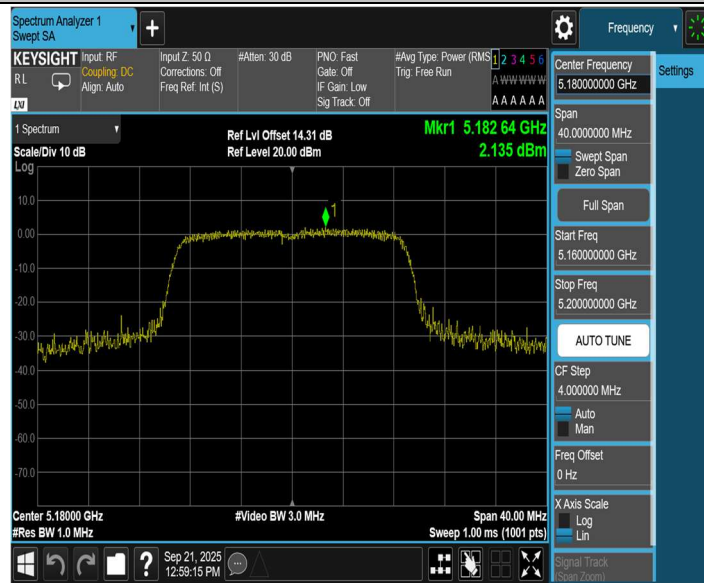
11A_Ant1_5785



11A_Ant1_5825



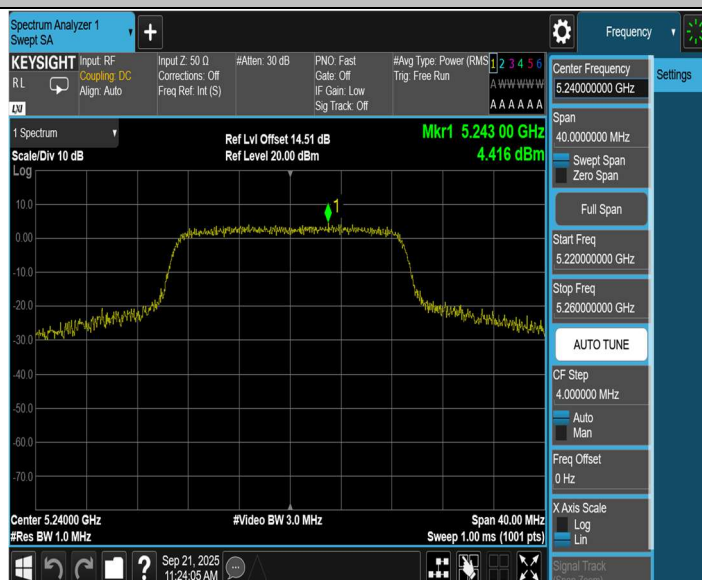
11N20SISO_Ant1_5180



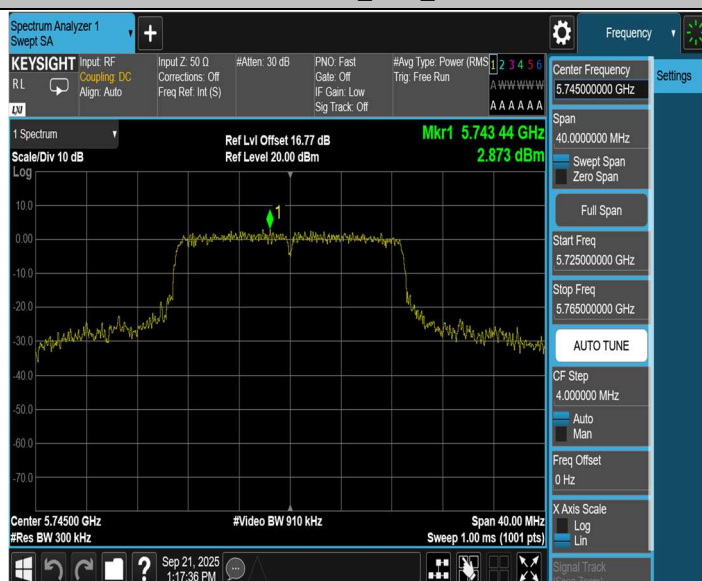
11N20SISO_Ant1_5200



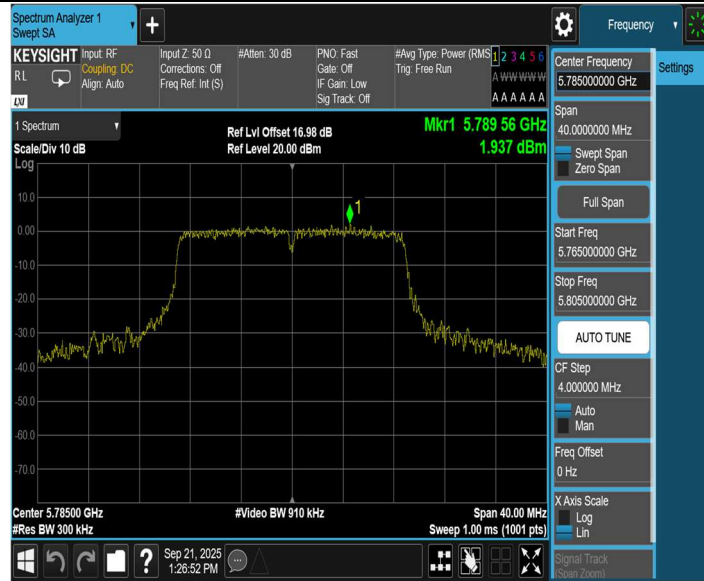
11N20SISO_Ant1_5240



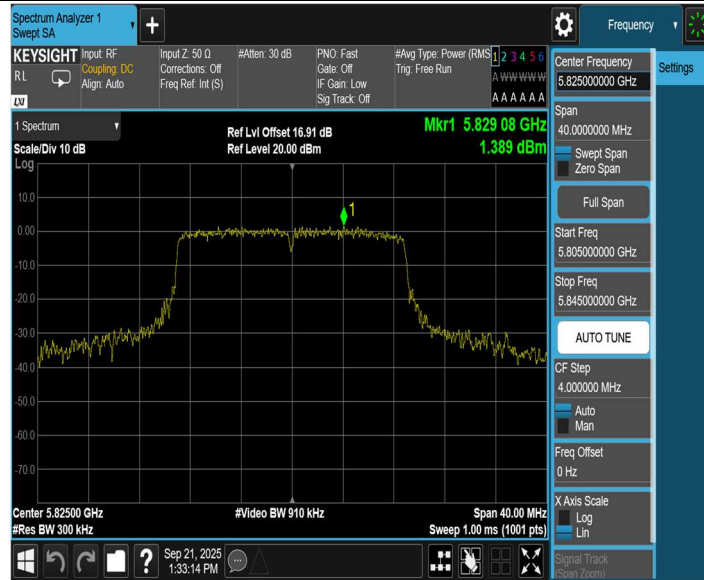
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



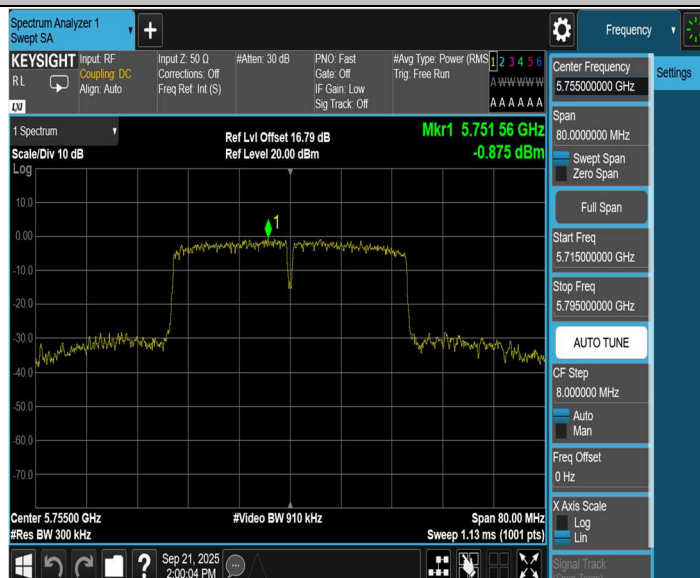
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

