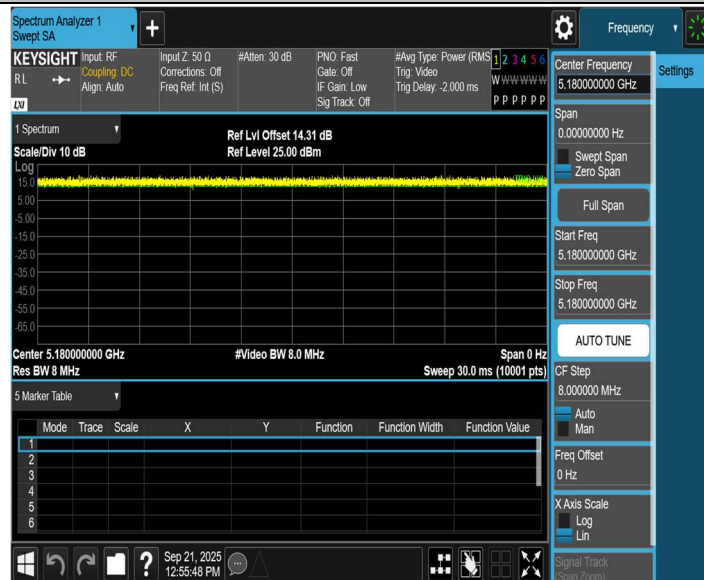


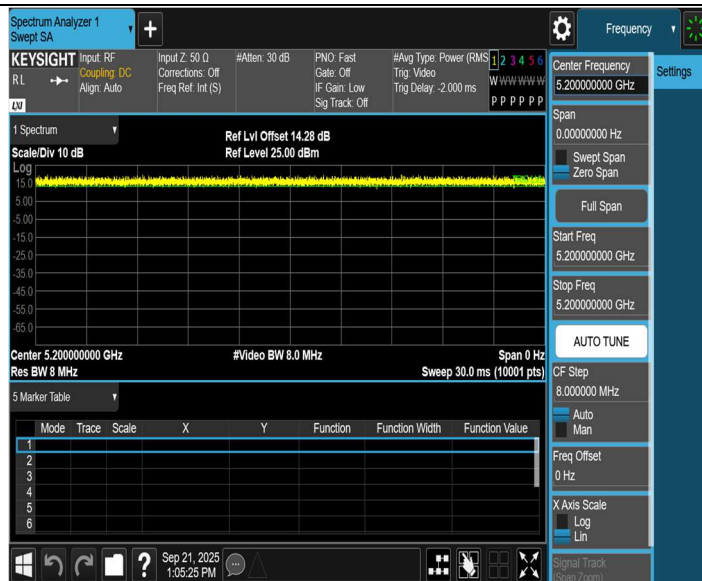
11A_Ant1_5825



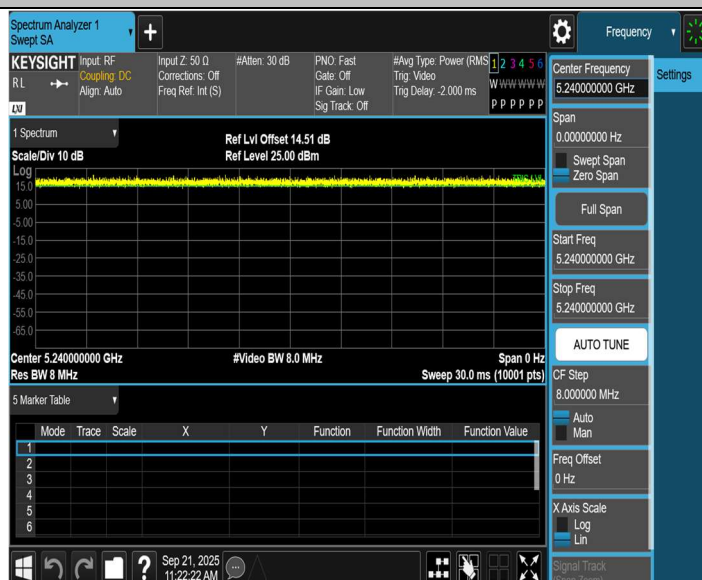
11N20SISO_Ant1_5180



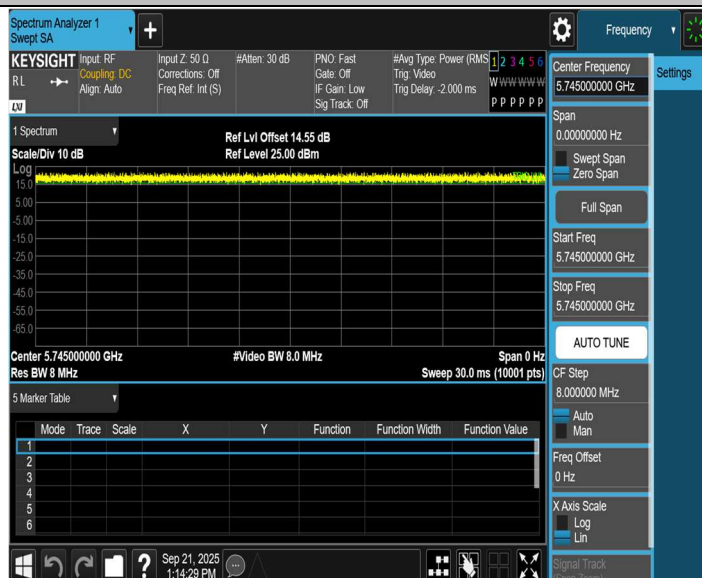
11N20SISO_Ant1_5200



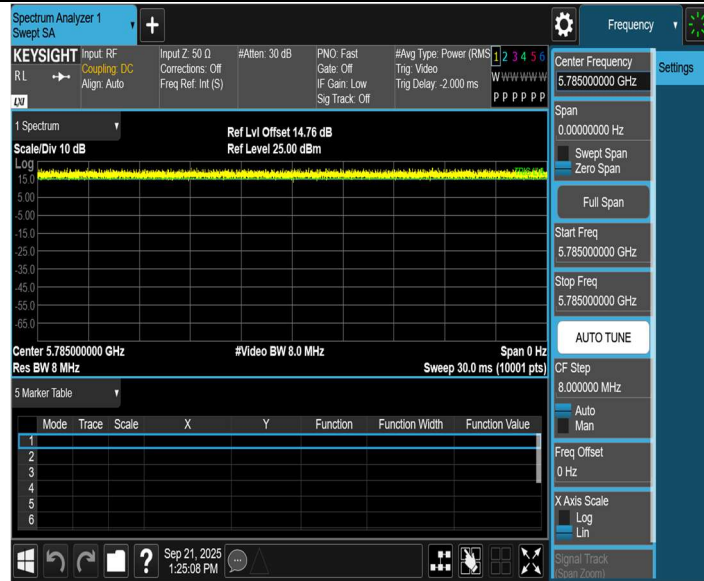
11N20SISO_Ant1_5240



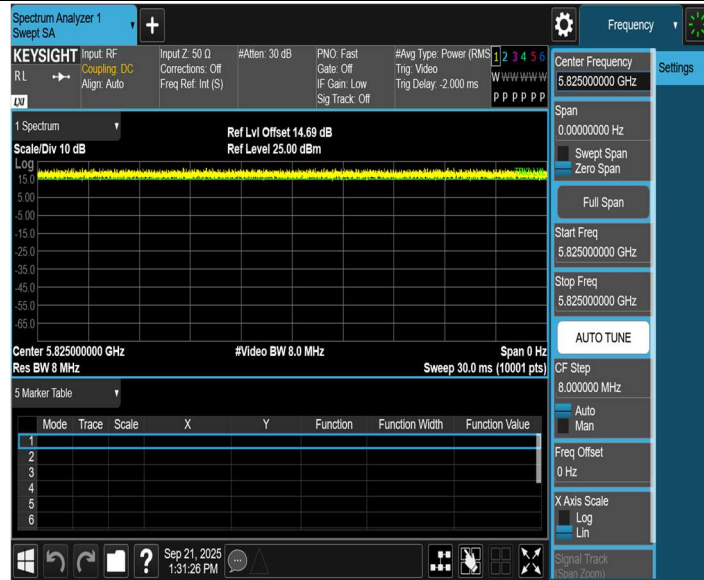
11N20SISO_Ant1_5745



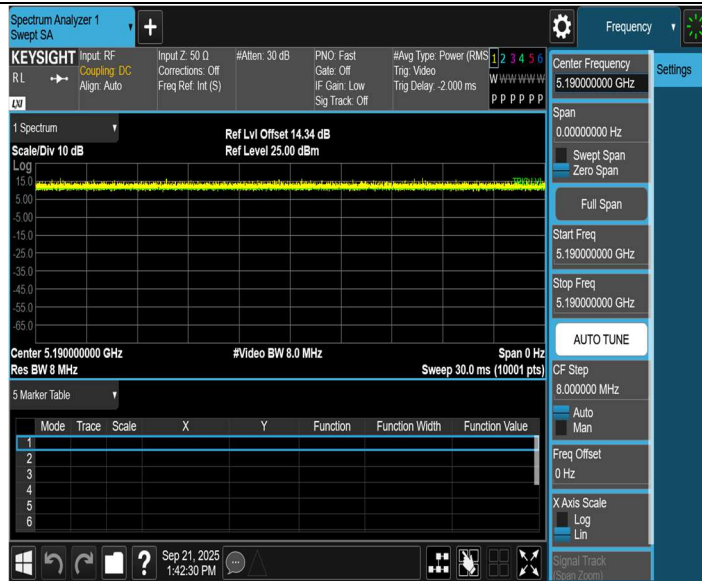
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



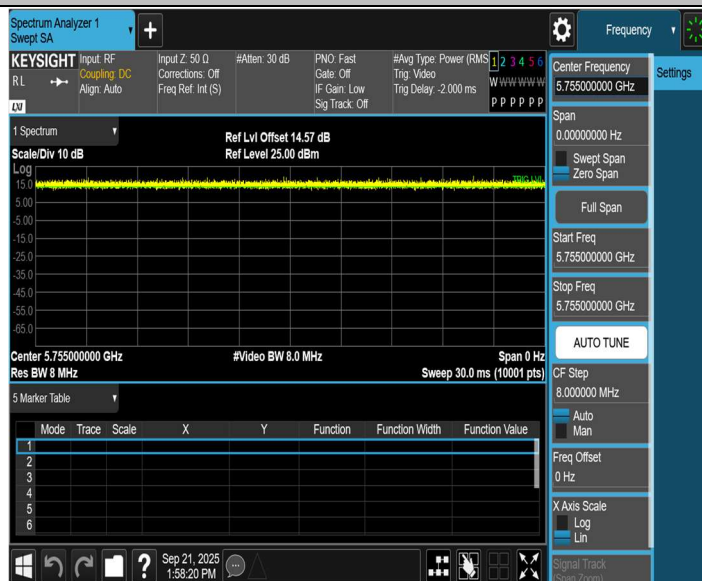
11N40SISO_Ant1_5190



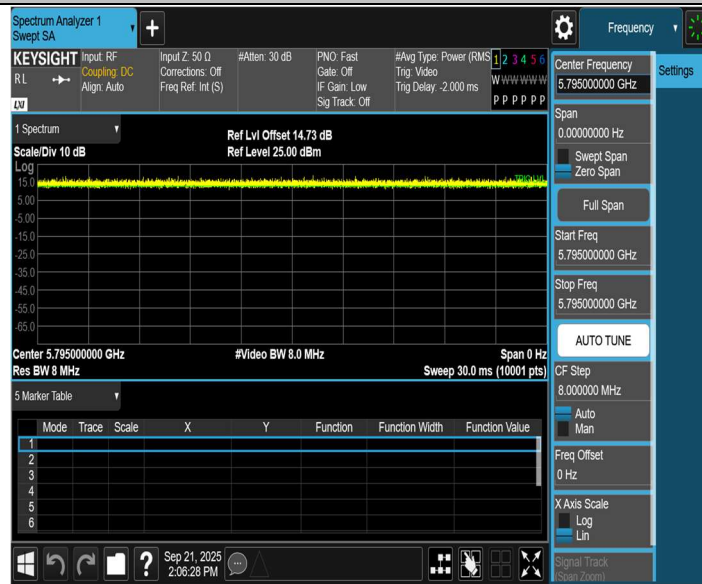
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



Appendix C: Maximum conducted output power

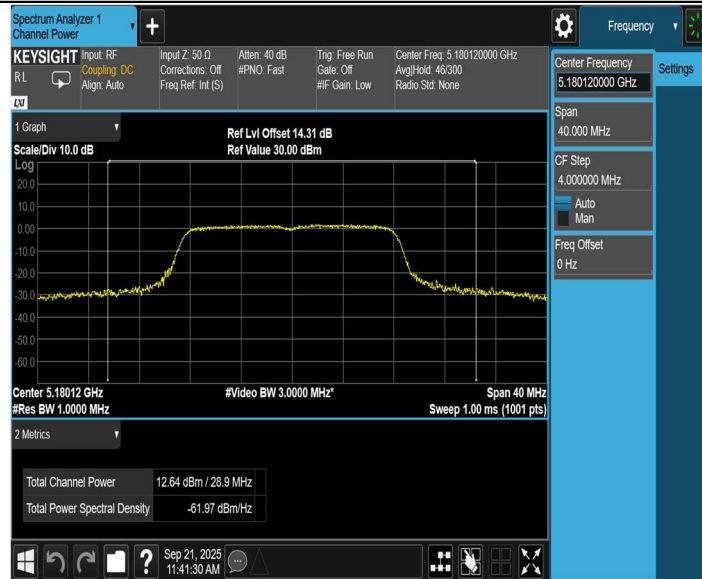
Test Result Channel Power

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

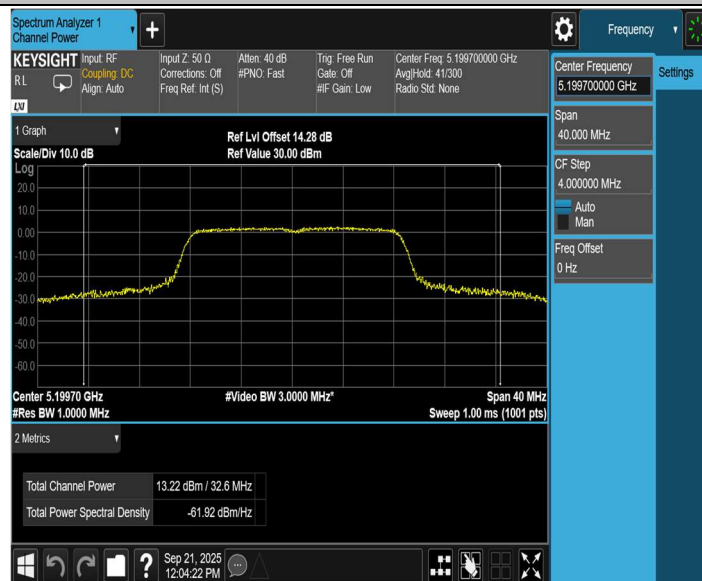
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

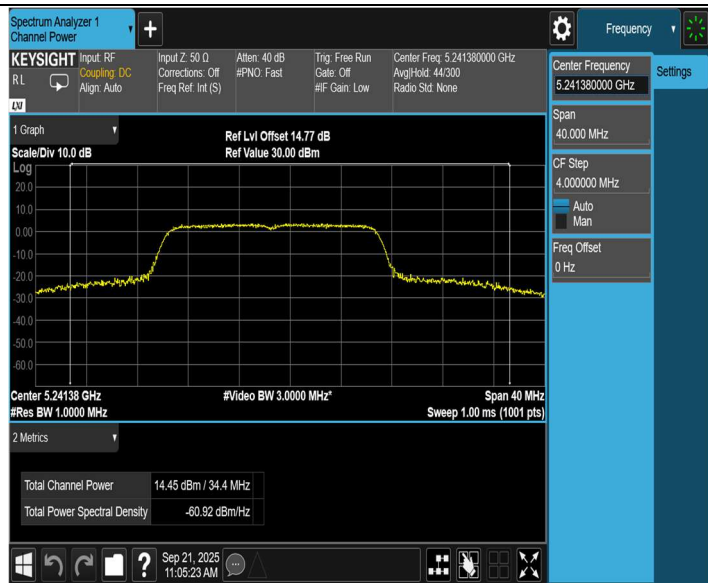
11A_Ant1_5180



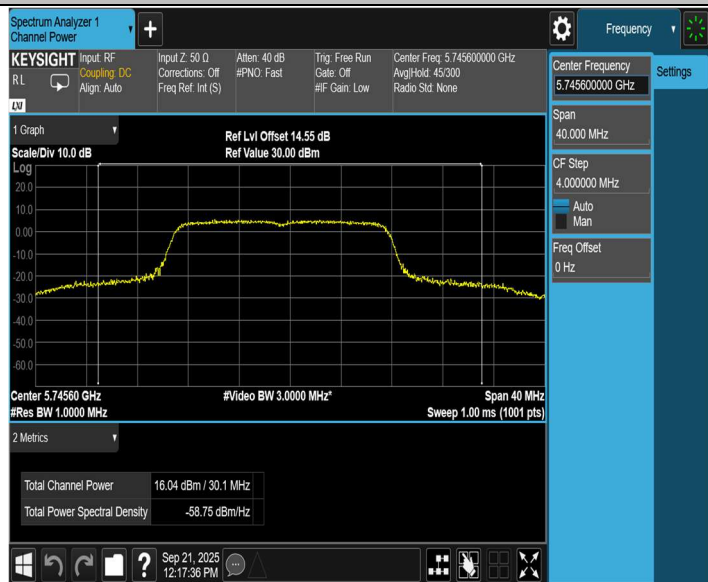
11A_Ant1_5200



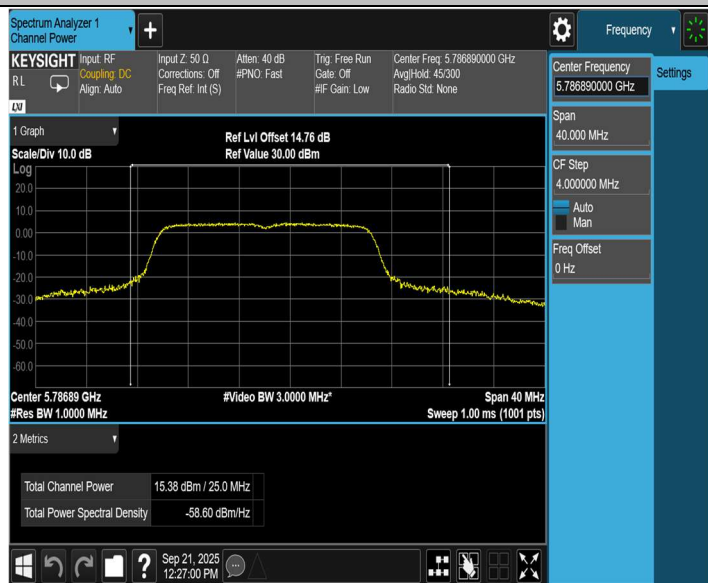
11A_Ant1_5240



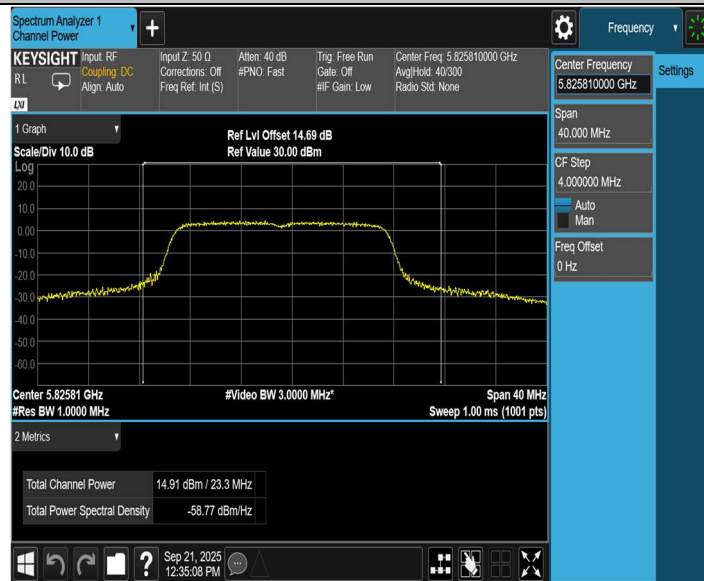
11A_Ant1_5745



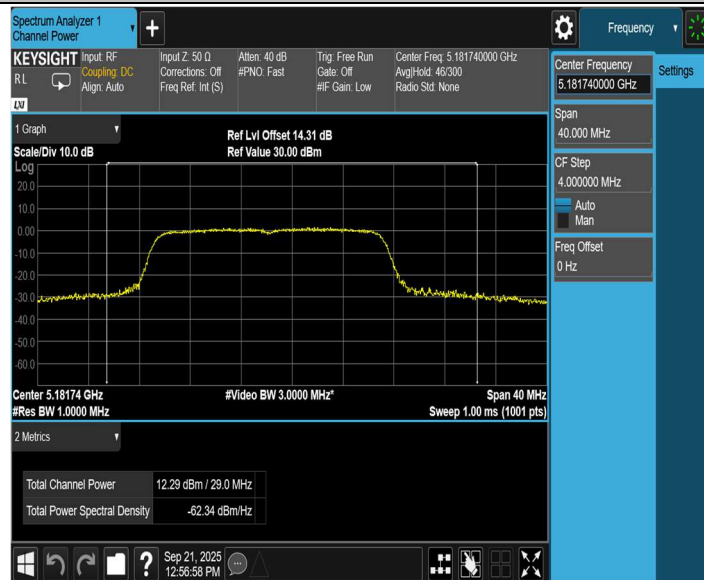
11A_Ant1_5785



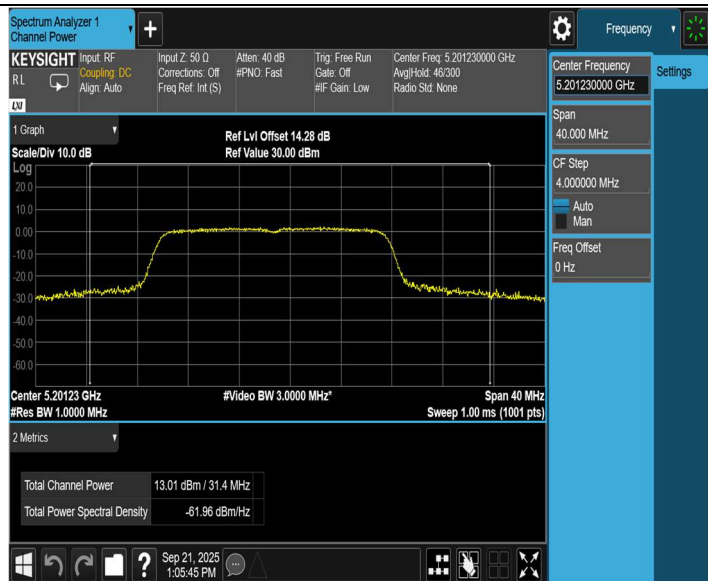
11A_Ant1_5825



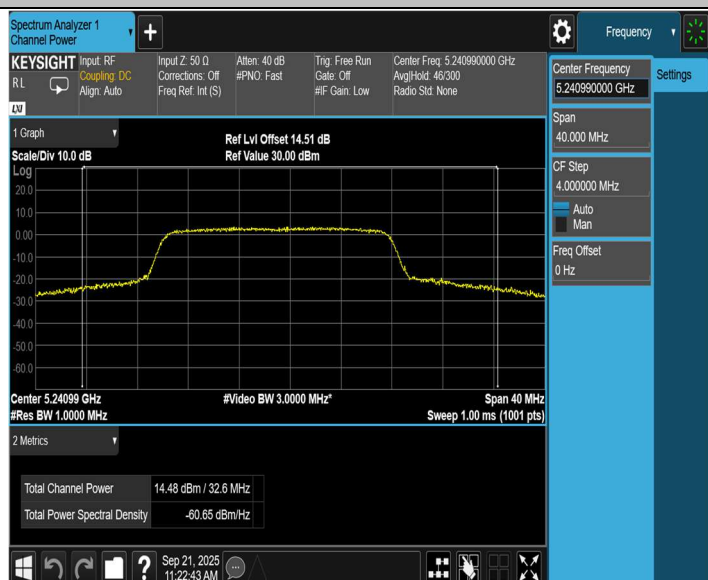
11N20SISO_Ant1_5180



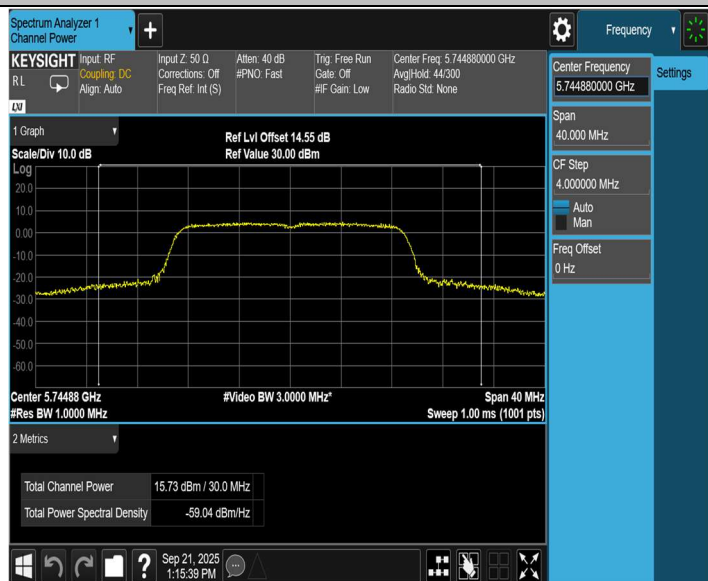
11N20SISO_Ant1_5200



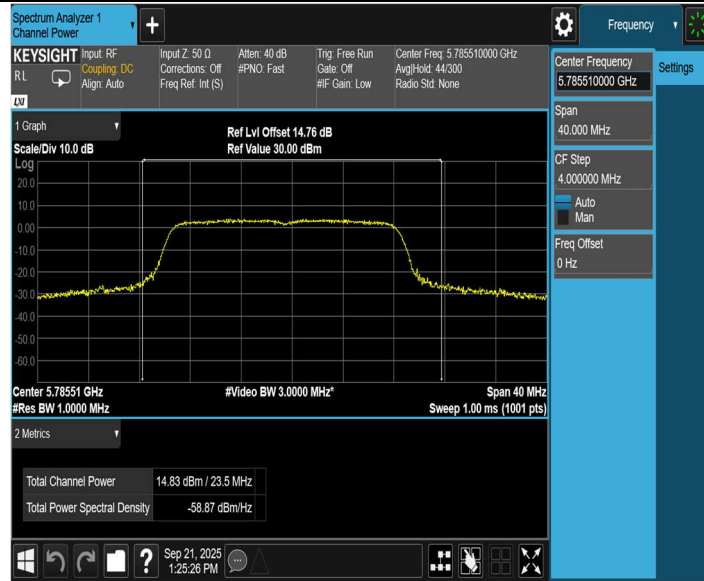
11N20SISO_Ant1_5240



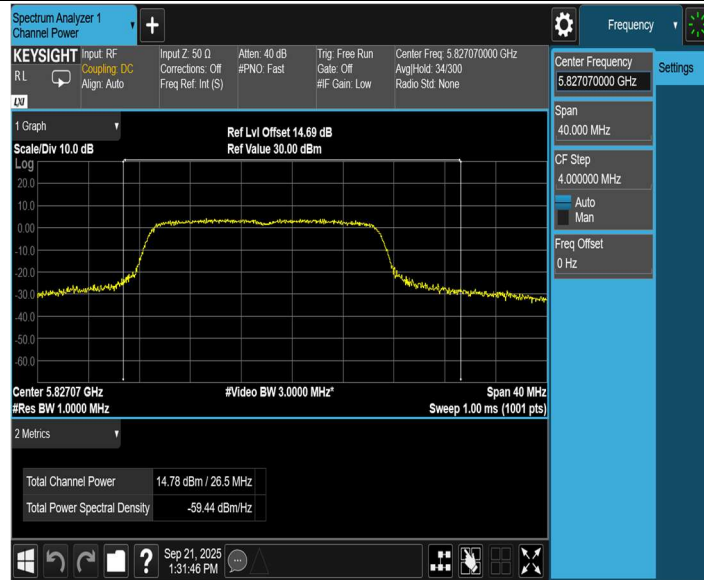
11N20SISO_Ant1_5745



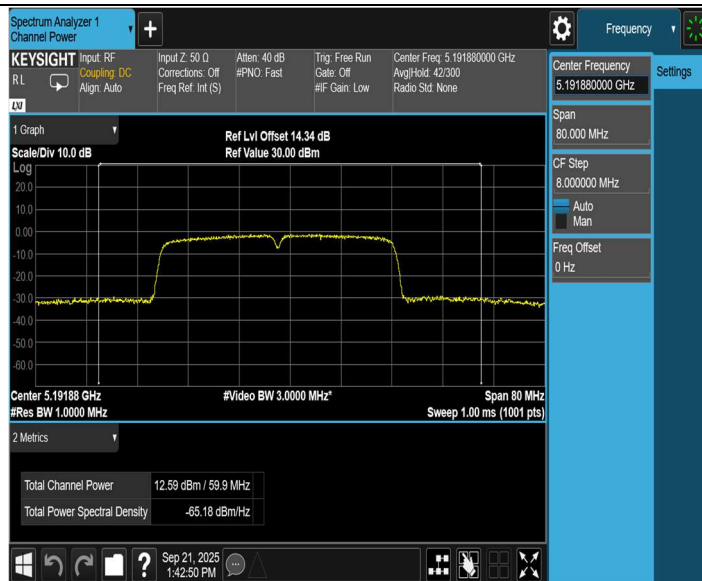
11N20SISO_Ant1_5785



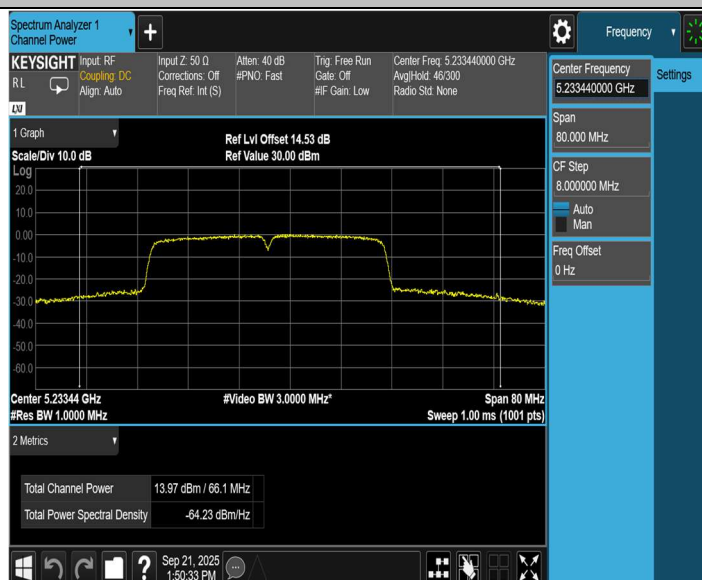
11N20SISO_Ant1_5825



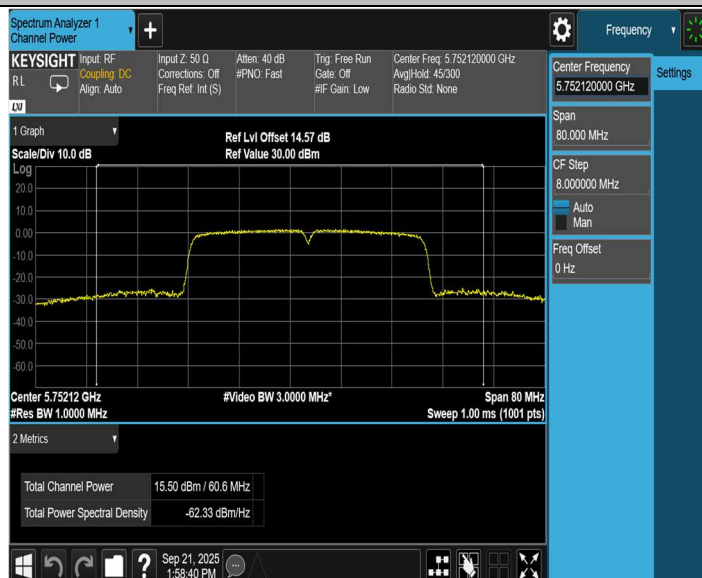
11N40SISO_Ant1_5190



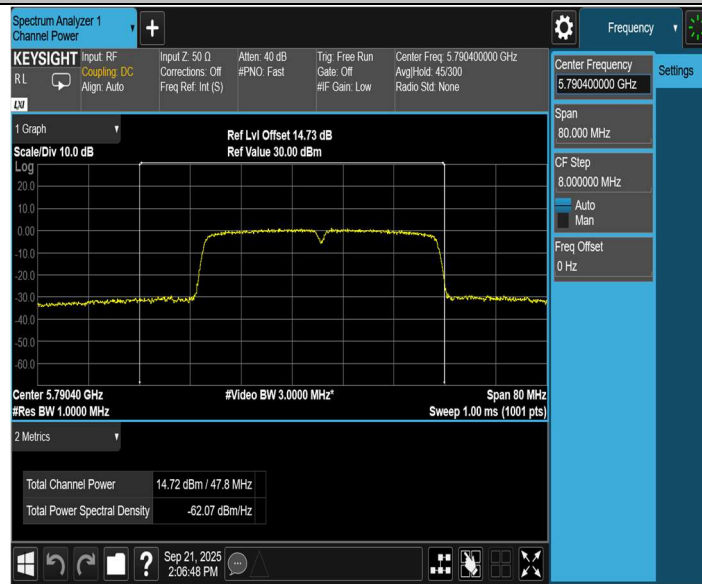
11N40SISO_Ant1_5230



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_5200

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

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

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

1 2 3 4 5 6
A W W W W W
A A A A A A

Center Frequency
5.20000000 GHz

Span
40.0000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
5.180000000 GHz

Stop Freq
5.220000000 GHz

AUTO TUNE

CF Step
4.0000000 MHz

Auto
Man

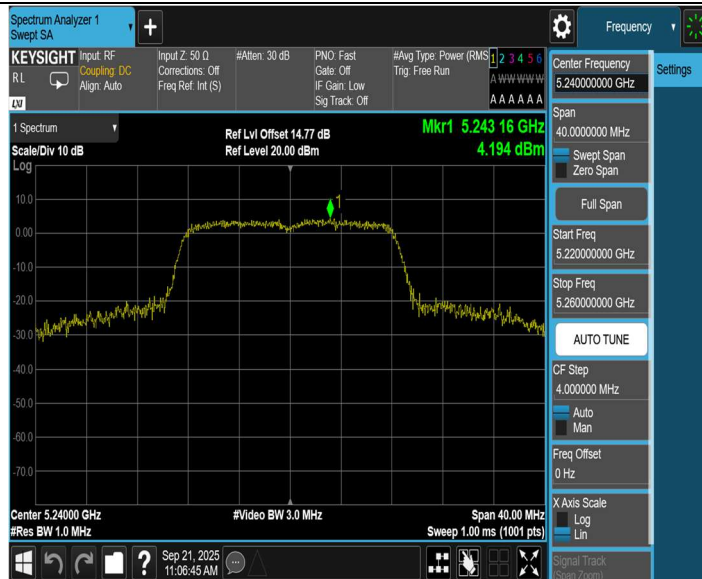
Freq Offset
0 Hz

X Axis Scale
Log
Lin

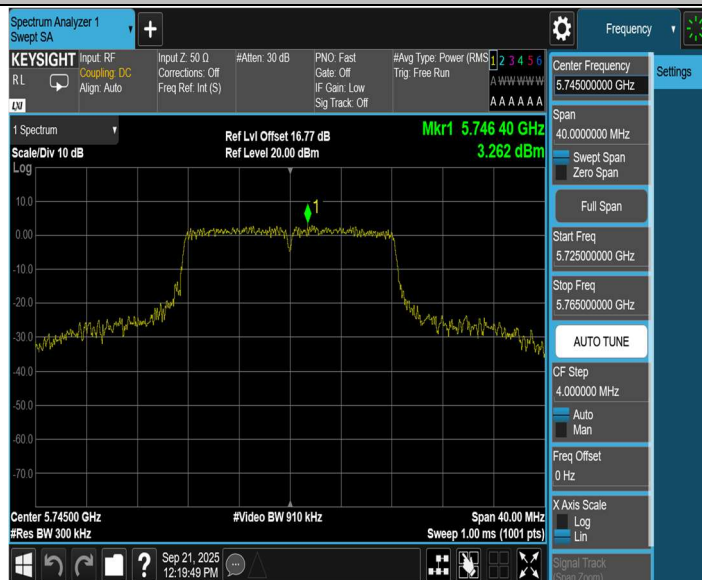
Signal Track
(Span Zoom)

1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 14.28 dB
Ref Level 20.00 dBm
Mkr1 5.201 08 GHz
3.391 dBmCenter 5.20000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz
Span 40.00 MHz
Sweep 1.00 ms (1001 pts)Sep 21, 2025
12:08:18 PM

11A_Ant1_5240



11A_Ant1_5745



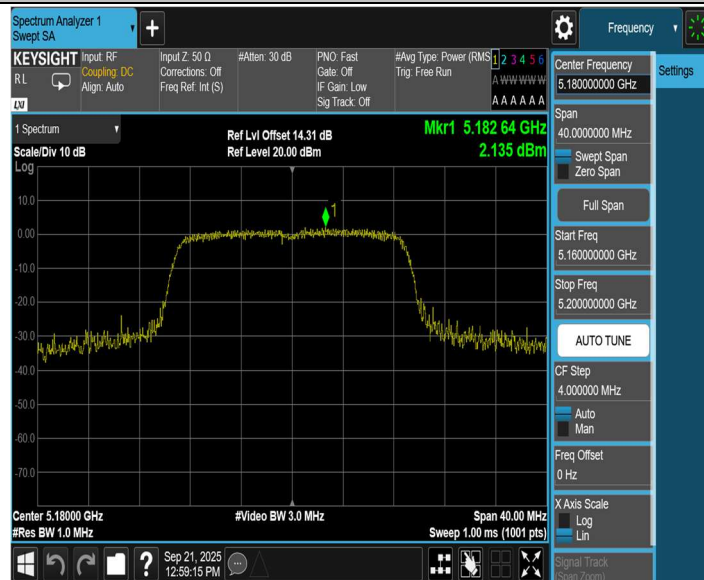
11A_Ant1_5785



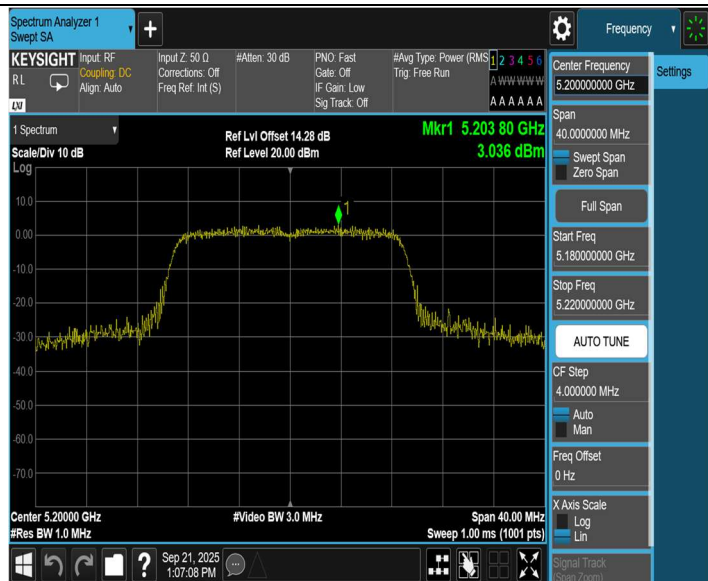
11A_Ant1_5825



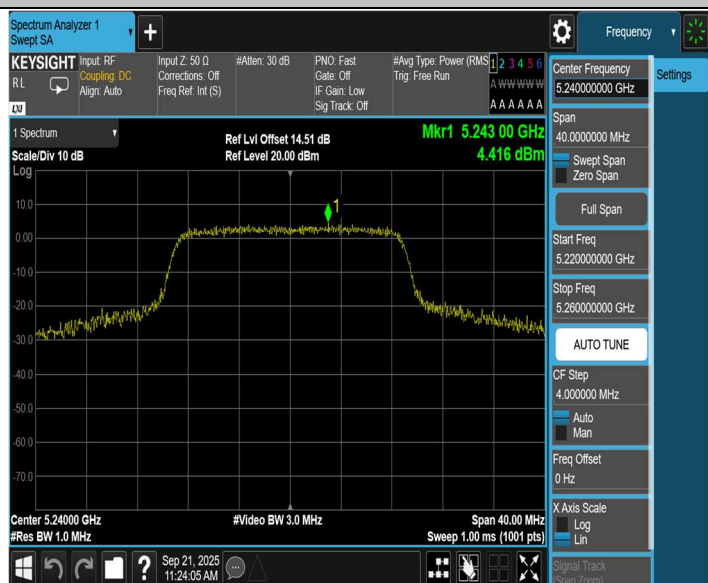
11N20SISO_Ant1_5180



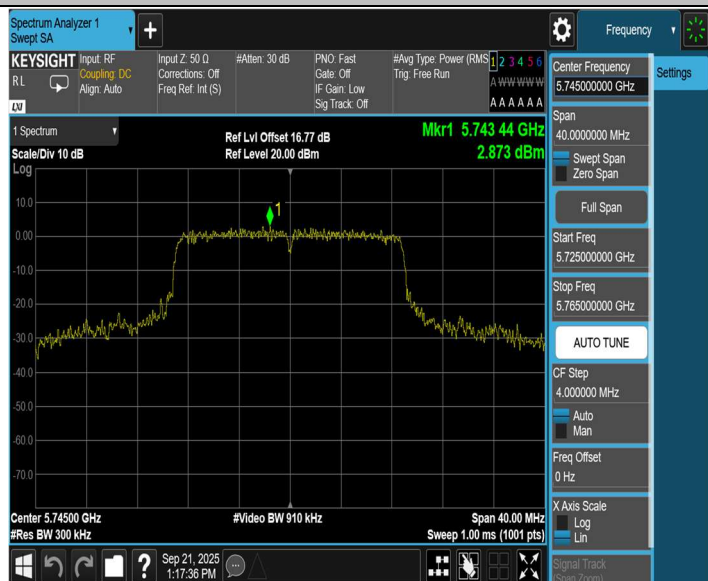
11N20SISO_Ant1_5200



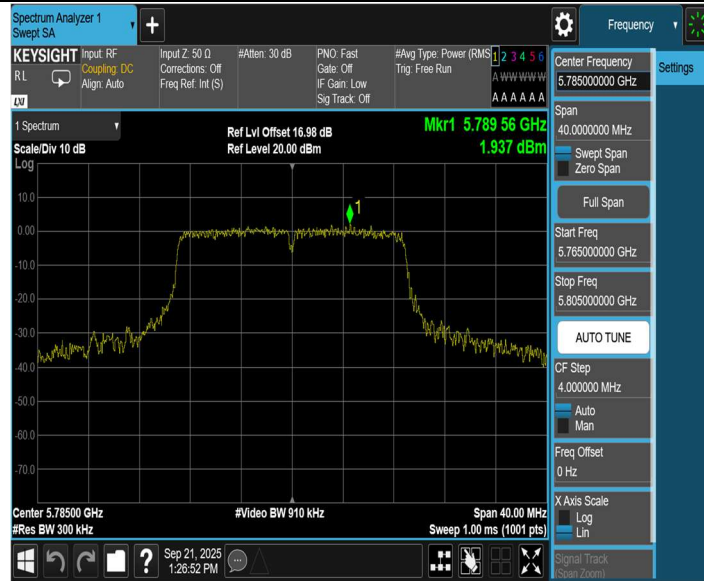
11N20SISO_Ant1_5240



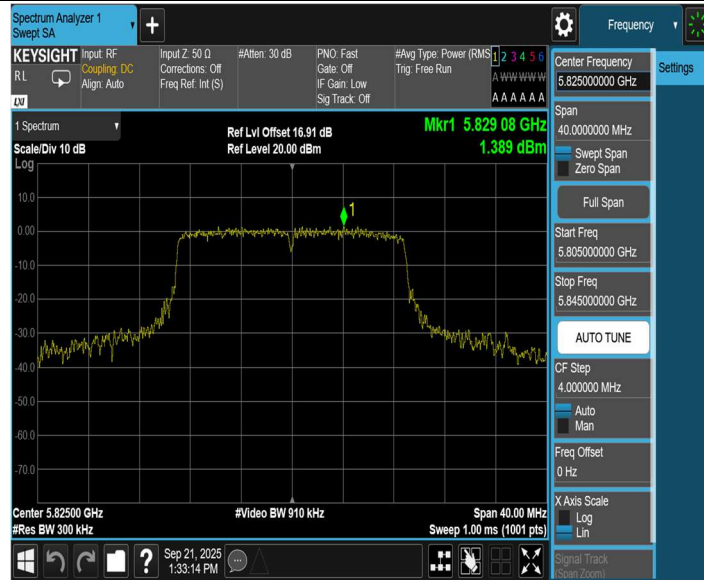
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5190



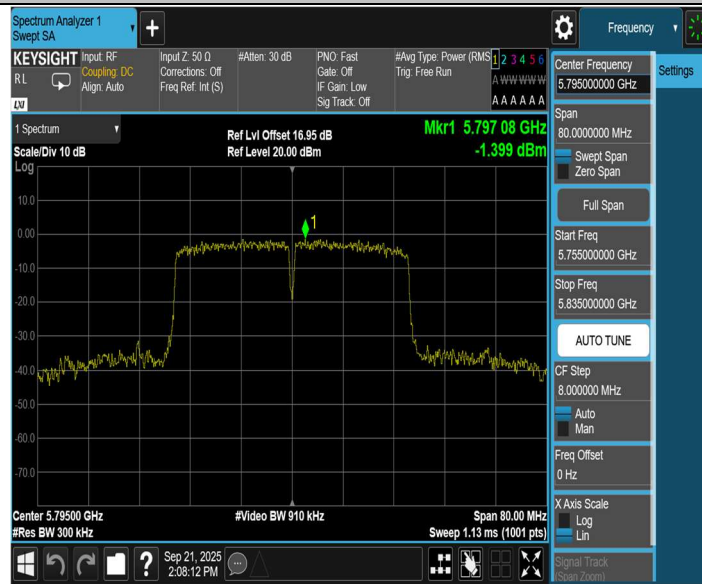
11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



Appendix E: Band edge measurements

Test Result B1/2/3

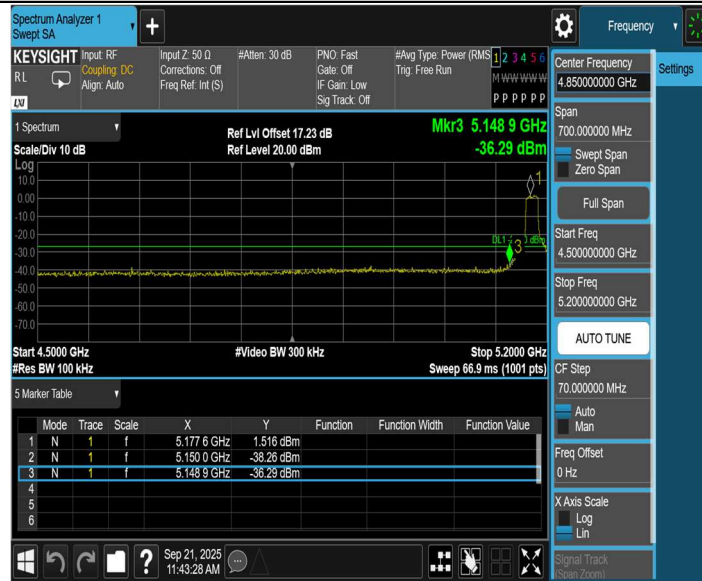
TestMode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.29	≤-27	PASS
		High	5240	-40.27	≤-27	PASS
11N20SISO	Ant1	Low	5180	-36.44	≤-27	PASS
		High	5240	-39.17	≤-27	PASS
11N40SISO	Ant1	Low	5190	-33.21	≤-27	PASS
		High	5230	-40.31	≤-27	PASS

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-41.65	≤-26.79	PASS
				5700~5720	-31.66	≤15.59	PASS
				5720~5725	-32.1	≤16.87	PASS
				5760~5650	-41.38	≤-27	PASS
		High	5825	5850~5855	-40.23	≤16.03	PASS
				5855~5875	-41.34	≤10.06	PASS
				5875~5925	-40.33	≤-26.91	PASS
				5925~5935	-40.79	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-40.81	≤-25.68	PASS
				5700~5720	-31.42	≤15.59	PASS
				5720~5725	-31.77	≤16.08	PASS
				5760~5650	-41.6	≤-27	PASS
		High	5825	5850~5855	-38.79	≤16.34	PASS
				5855~5875	-41.06	≤10.17	PASS
				5875~5925	-40.46	≤-25.61	PASS
				5925~5935	-40.31	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-42.17	≤-26.90	PASS
				5700~5720	-27.13	≤15.35	PASS
				5720~5725	-27.59	≤15.74	PASS
				5780~5650	-40.79	≤-27	PASS
		High	5795	5850~5855	-41.12	≤15.66	PASS
				5855~5875	-40.32	≤10.53	PASS
				5875~5925	-40.29	≤-26.10	PASS
				5925~5935	-39.86	≤-27	PASS

Test Graphs B1/2/3

11A_Ant1_Low_5180



11A_Ant1_High_5240



11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



11N40SISO_Ant1_Low_5190

