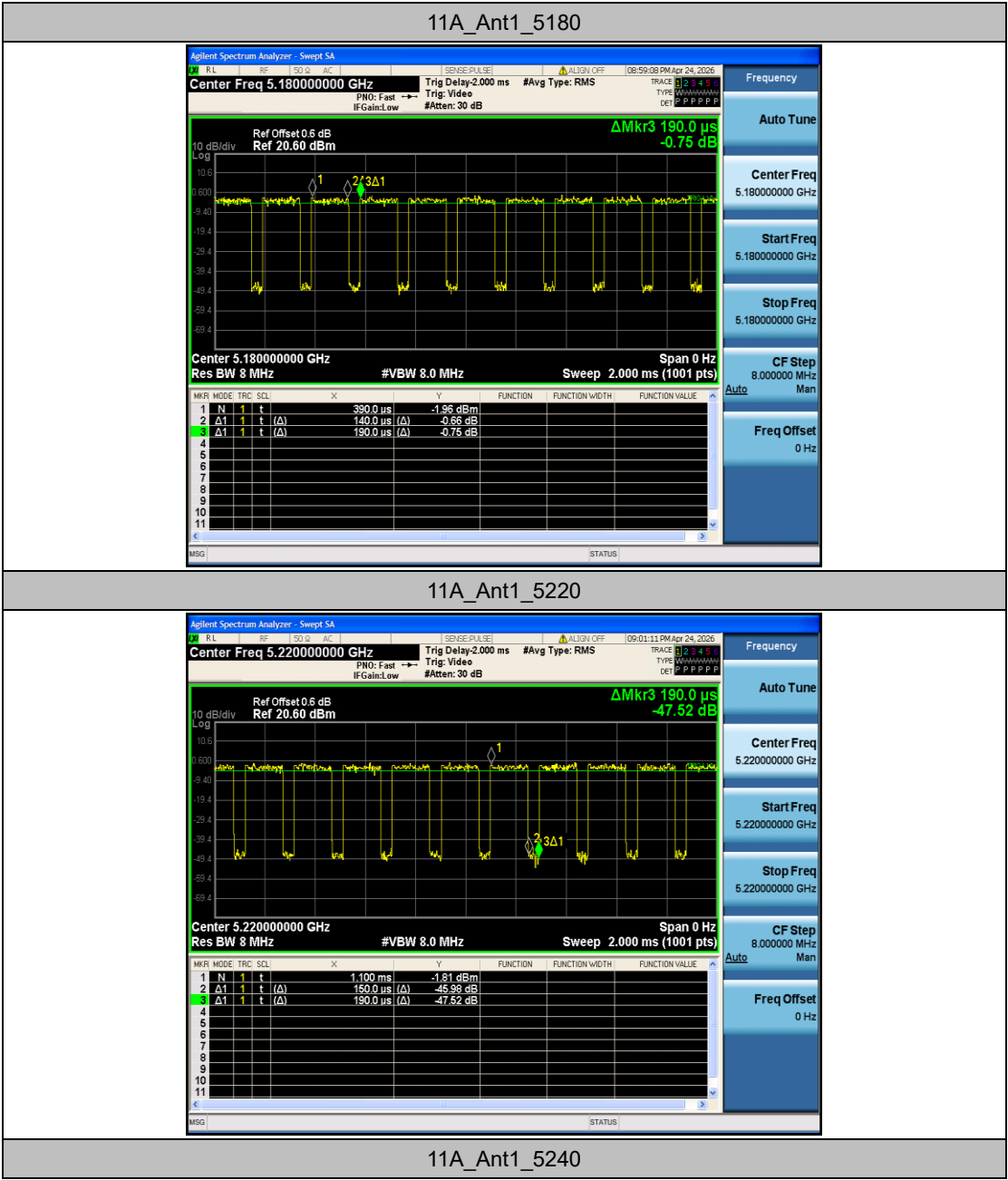


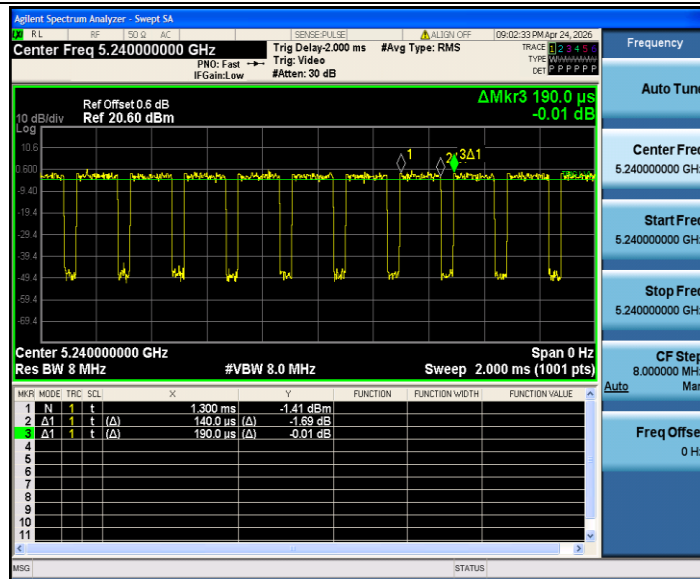
Appendix B: Duty Cycle

Test Result

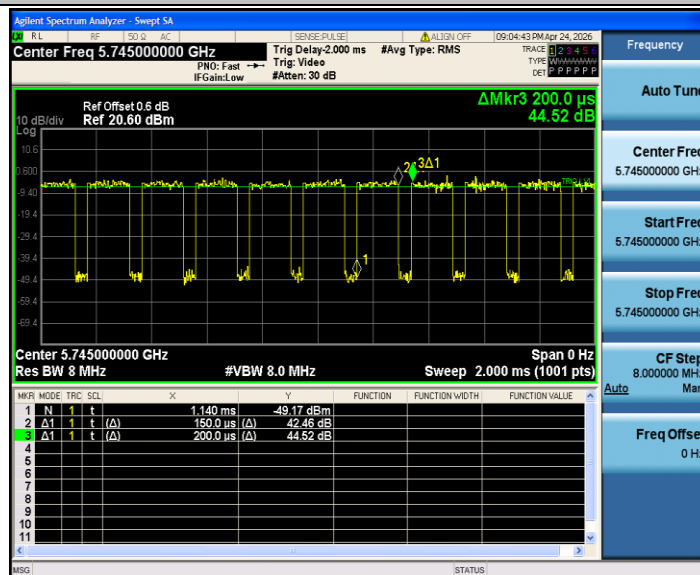
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	Limit	Verdict
11A	Ant1	5180	0.14	0.19	73.68	1.33	---	---
		5220	0.15	0.19	78.95	1.03	---	---
		5240	0.14	0.19	73.68	1.33	---	---
		5745	0.15	0.20	75.00	1.25	---	---
		5785	0.15	0.19	78.95	1.03	---	---
		5825	0.14	0.19	73.68	1.33	---	---
11N20SISO	Ant1	5180	0.17	0.22	77.27	1.12	---	---
		5220	0.18	0.22	81.82	0.87	---	---
		5240	0.18	0.23	78.26	1.06	---	---
		5745	0.17	0.22	77.27	1.12	---	---
		5785	0.17	0.22	77.27	1.12	---	---
		5825	0.18	0.23	78.26	1.06	---	---
11N40SISO	Ant1	5190	0.18	0.23	78.26	1.06	---	---
		5230	0.18	0.23	78.26	1.06	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.23	78.26	1.06	---	---
11AC20SISO	Ant1	5180	0.25	0.30	83.33	0.79	---	---
		5220	0.26	0.31	83.87	0.76	---	---
		5240	0.26	0.31	83.87	0.76	---	---
		5745	0.26	0.31	83.87	0.76	---	---
		5785	0.26	0.31	83.87	0.76	---	---
		5825	0.26	0.31	83.87	0.76	---	---
11AC40SISO	Ant1	5190	0.17	0.22	77.27	1.12	---	---
		5230	0.17	0.22	77.27	1.12	---	---
		5755	0.18	0.23	78.26	1.06	---	---
		5795	0.18	0.23	78.26	1.06	---	---

Test Graphs

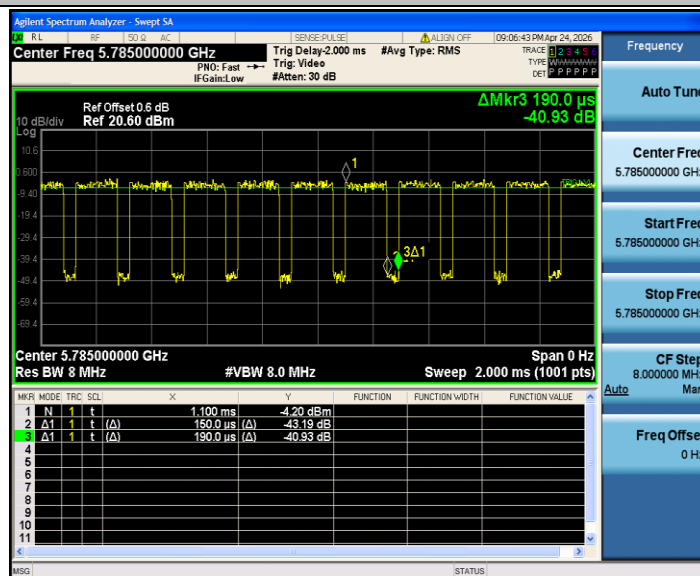




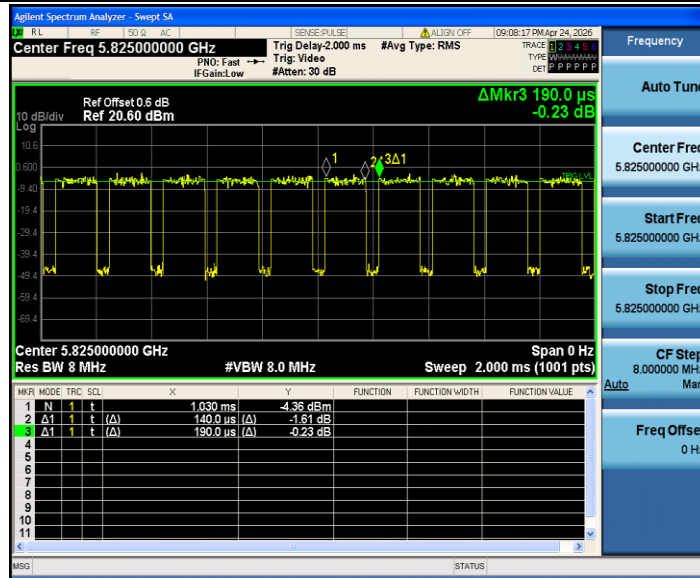
11A_Ant1_5745



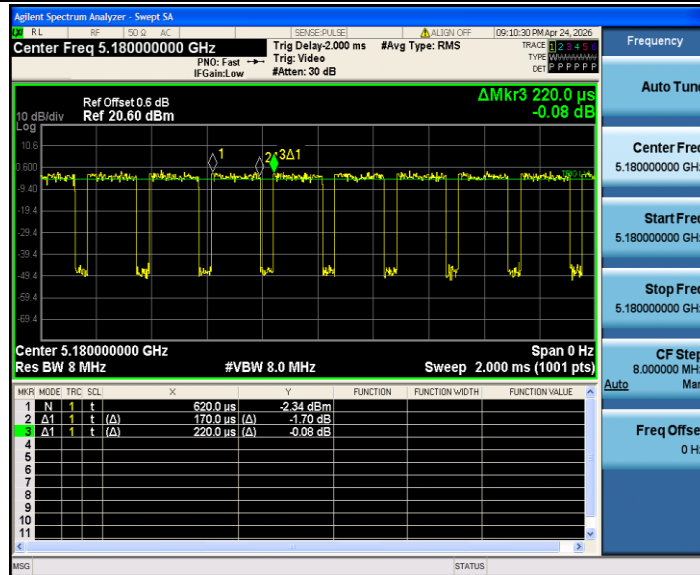
11A_Ant1_5785



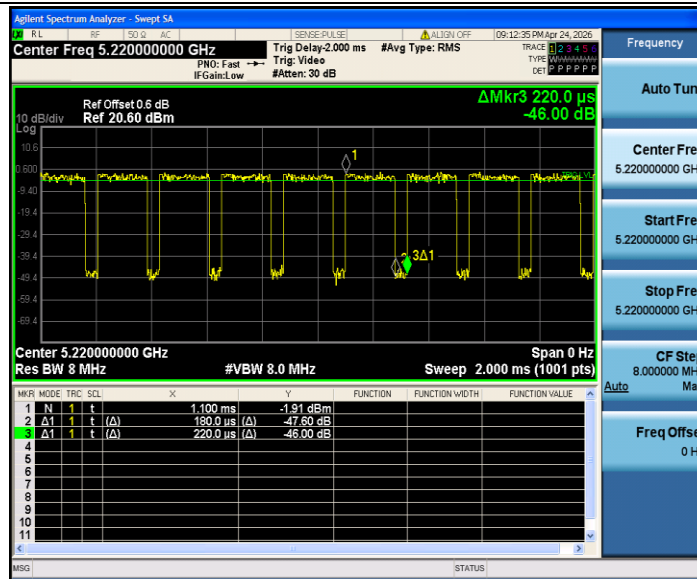
11A_Ant1_5825



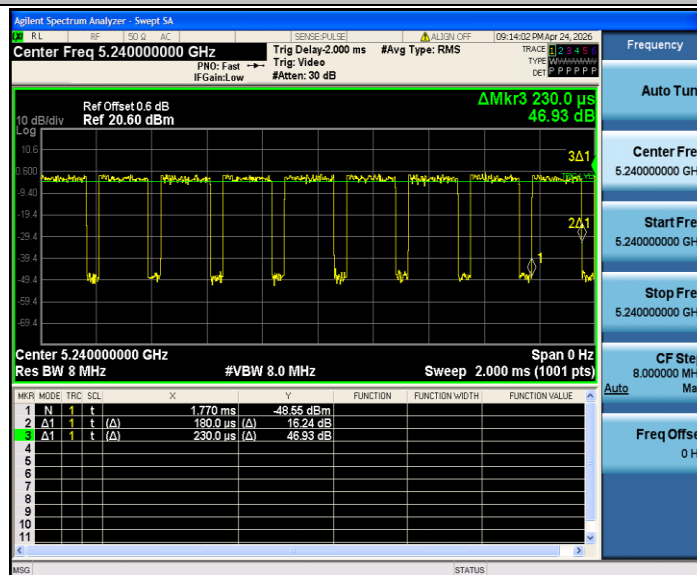
11N20SISO_Ant1_5180



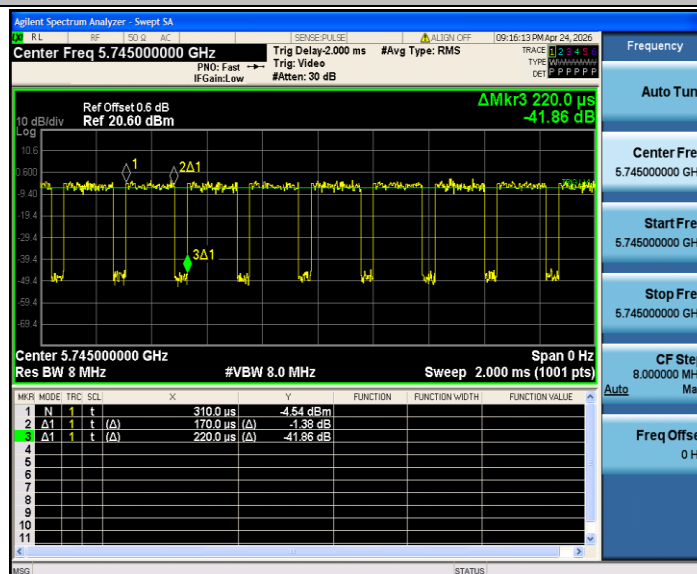
11N20SISO_Ant1_5220



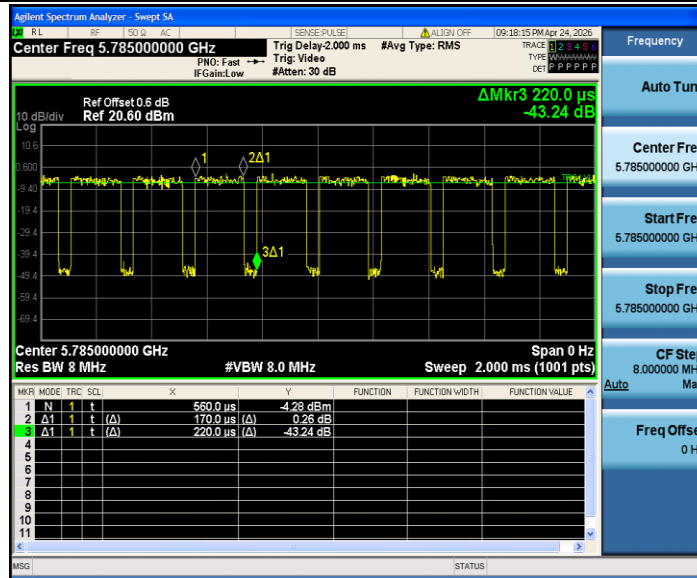
11N20SISO_Ant1_5240



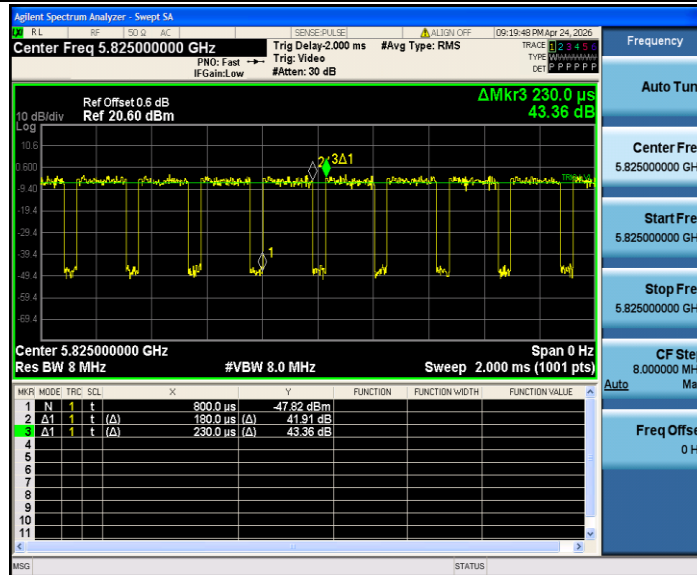
11N20SISO_Ant1_5745



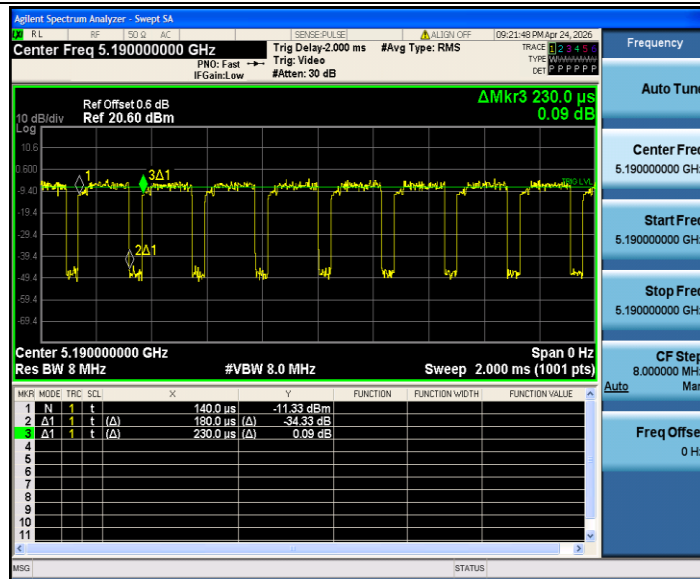
11N20SISO_Ant1_5785



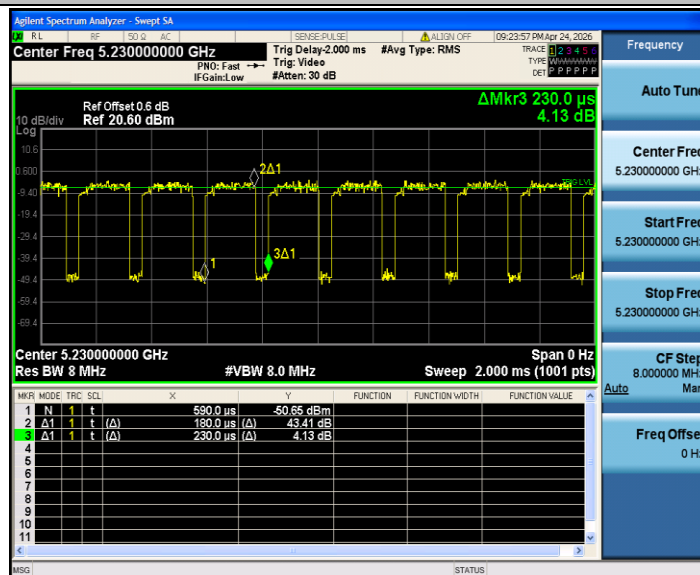
11N20SISO_Ant1_5825



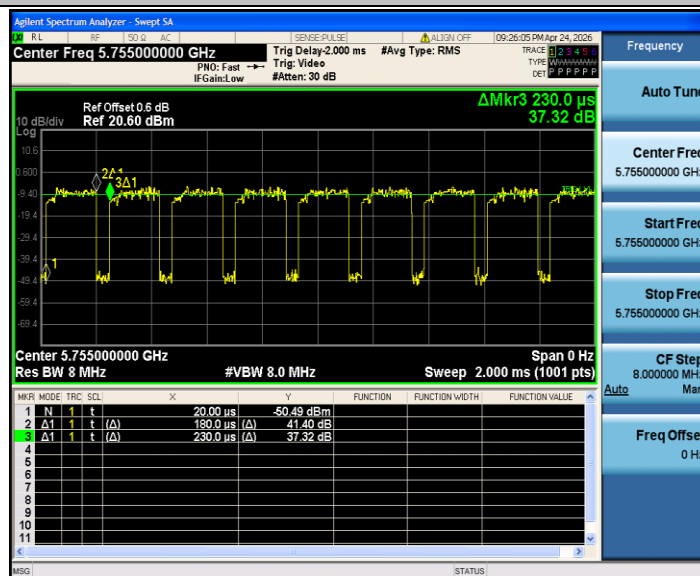
11N40SISO_Ant1_5190

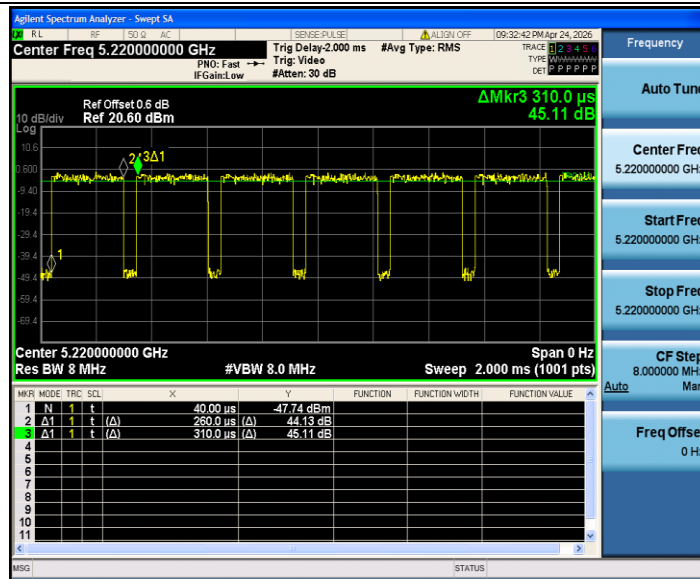


11N40SISO_Ant1_5230

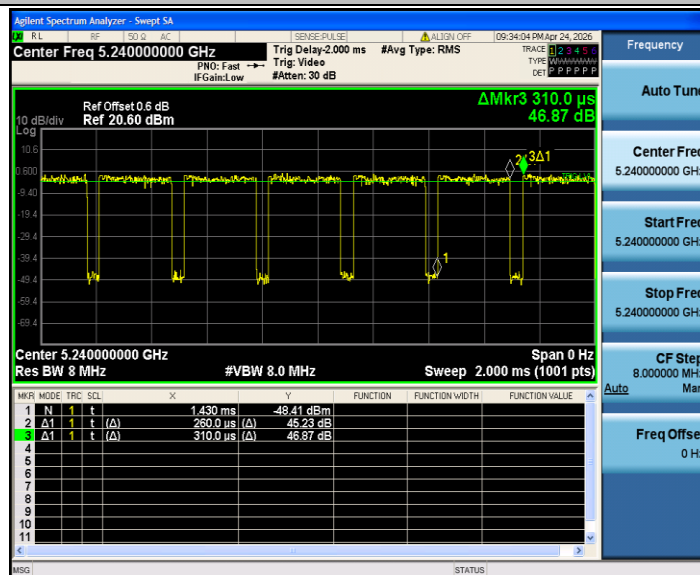


11N40SISO_Ant1_5755

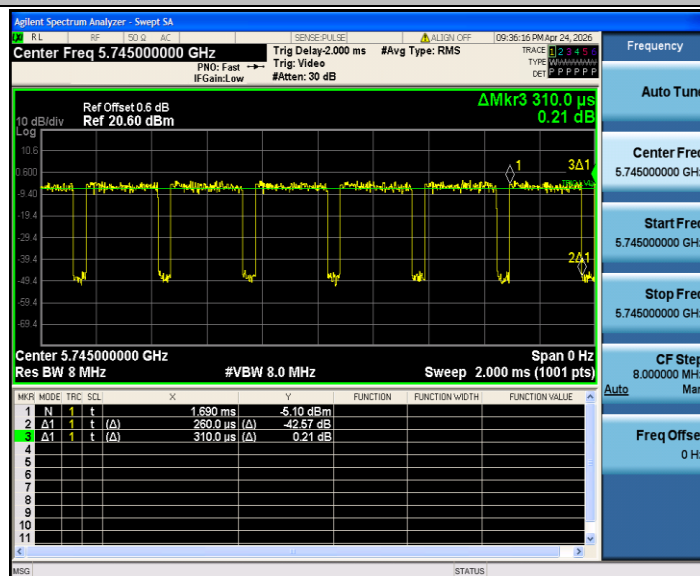




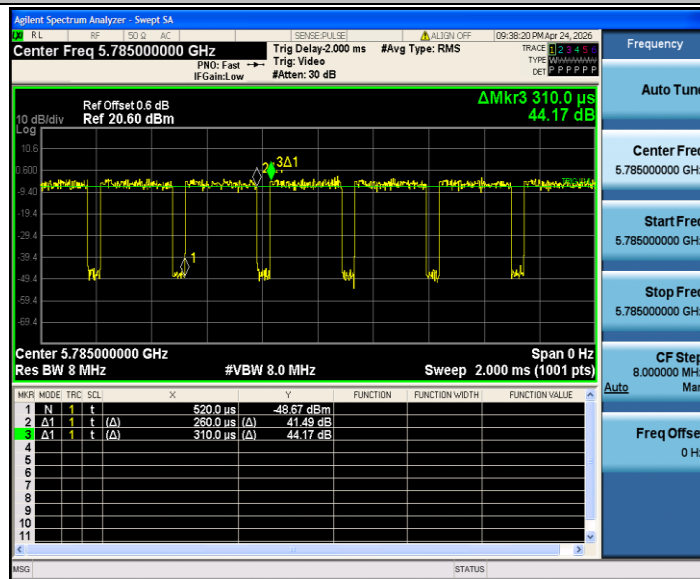
11AC20SISO_Ant1_5240



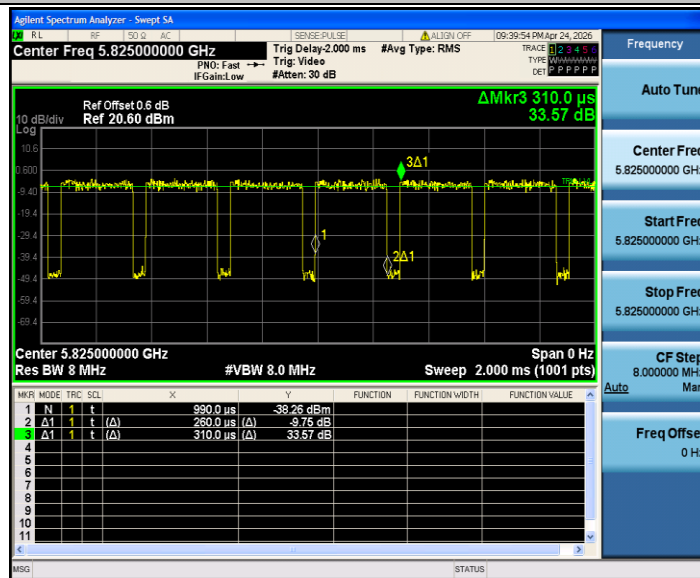
11AC20SISO_Ant1_5745



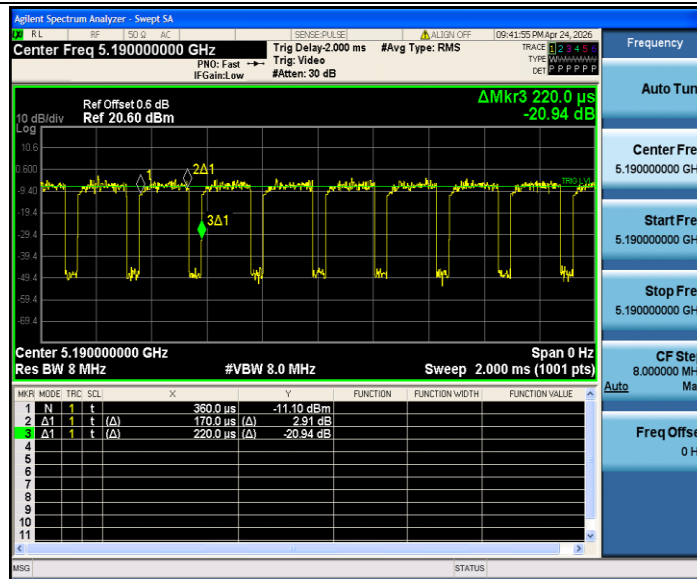
11AC20SISO_Ant1_5785



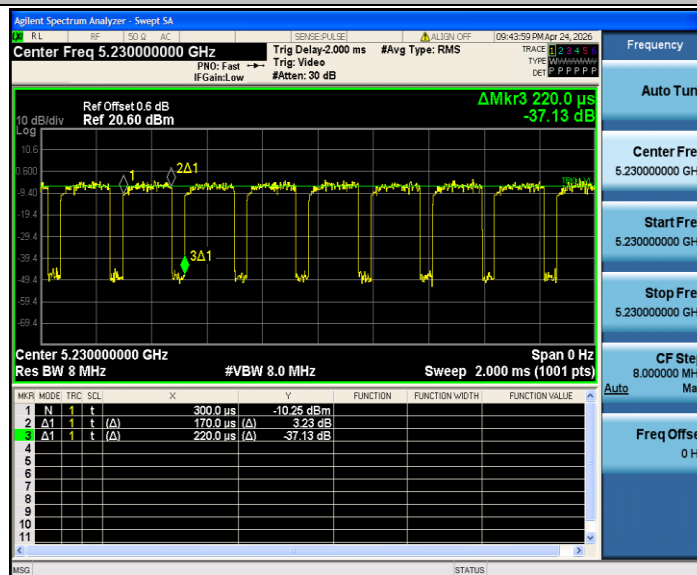
11AC20SISO_Ant1_5825



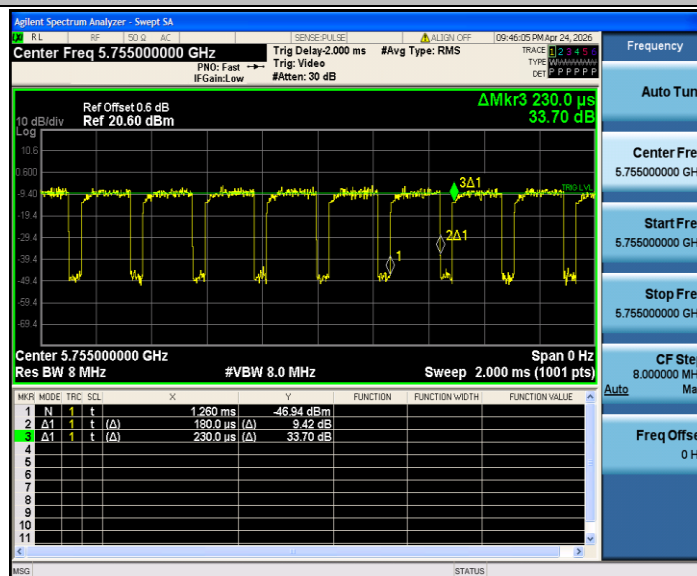
11AC40SISO_Ant1_5190



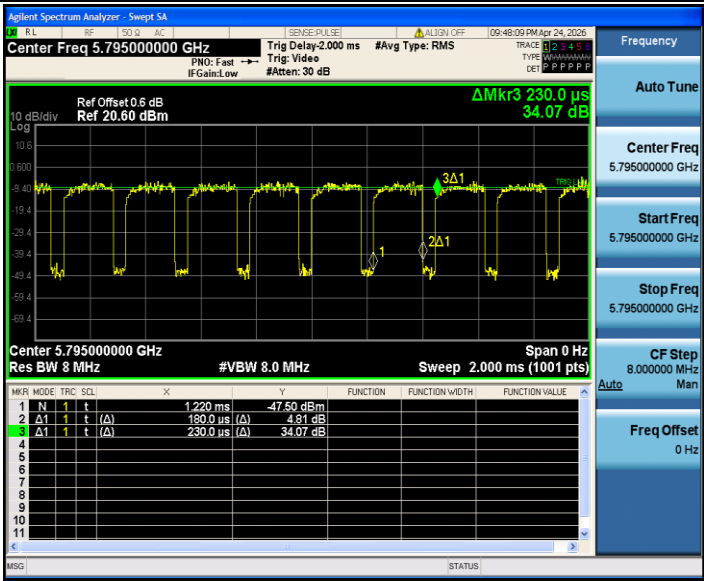
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix C: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	-6.98	73.68	1.33	-5.65	≤23.98	PASS
		5220	-6.14	78.95	1.03	-5.11	≤23.98	PASS
		5240	-6.06	73.68	1.33	-4.73	≤23.98	PASS
		5745	-8.32	75.00	1.25	-7.07	≤30.00	PASS
		5785	-8.05	78.95	1.03	-7.02	≤30.00	PASS
		5825	-8.19	73.68	1.33	-6.86	≤30.00	PASS
11N20SISO	Ant1	5180	-6.83	77.27	1.12	-5.71	≤23.98	PASS
		5220	-6.12	81.82	0.87	-5.25	≤23.98	PASS
		5240	-6.02	78.26	1.06	-4.96	≤23.98	PASS
		5745	-8.18	77.27	1.12	-7.06	≤30.00	PASS
		5785	-7.94	77.27	1.12	-6.82	≤30.00	PASS
		5825	-8.07	78.26	1.06	-7.01	≤30.00	PASS
11N40SISO	Ant1	5190	-6.52	78.26	1.06	-5.46	≤23.98	PASS
		5230	-5.81	78.26	1.06	-4.75	≤23.98	PASS
		5755	-7.91	78.26	1.06	-6.85	≤30.00	PASS
		5795	-7.65	78.26	1.06	-6.59	≤30.00	PASS
11AC20SISO	Ant1	5180	-6.68	83.33	0.79	-5.89	≤23.98	PASS
		5220	-6.04	83.87	0.76	-5.28	≤23.98	PASS
		5240	-5.90	83.87	0.76	-5.14	≤23.98	PASS
		5745	-8.02	83.87	0.76	-7.26	≤30.00	PASS
		5785	-7.81	83.87	0.76	-7.05	≤30.00	PASS
		5825	-7.92	83.87	0.76	-7.16	≤30.00	PASS
11AC40SISO	Ant1	5190	-6.68	77.27	1.12	-5.56	≤23.98	PASS
		5230	-6.03	77.27	1.12	-4.91	≤23.98	PASS
		5755	-8.11	78.26	1.06	-7.05	≤30.00	PASS
		5795	-7.80	78.26	1.06	-6.74	≤30.00	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	RawData [dBm/MHz]	DC Factor [dBm]	RBW Factor [dBm]	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-17.23	1.33	0.00	-15.90	≤11.00	PASS
		5220	-16.02	1.03	0.00	-14.99	≤11.00	PASS
		5240	-16.17	1.33	0.00	-14.84	≤11.00	PASS
		5745	-23.95	1.25	2.22	-20.48	≤30.00	PASS
		5785	-23.27	1.03	2.22	-20.02	≤30.00	PASS
		5825	-23.74	1.33	2.22	-20.19	≤30.00	PASS
11N20SISO	Ant1	5180	-16.98	1.12	0.00	-15.86	≤11.00	PASS
		5220	-16.1	0.87	0.00	-15.23	≤11.00	PASS
		5240	-16.15	1.06	0.00	-15.09	≤11.00	PASS
		5745	-23.44	1.12	2.22	-20.10	≤30.00	PASS
		5785	-23.37	1.12	2.22	-20.03	≤30.00	PASS
		5825	-23.46	1.06	2.22	-20.18	≤30.00	PASS
11N40SISO	Ant1	5190	-20.15	1.06	0.00	-19.09	≤11.00	PASS
		5230	-19.28	1.06	0.00	-18.22	≤11.00	PASS
		5755	-26.71	1.06	2.22	-23.43	≤30.00	PASS
		5795	-26.41	1.06	2.22	-23.13	≤30.00	PASS
11AC20SISO	Ant1	5180	-17.08	0.79	0.00	-16.29	≤11.00	PASS
		5220	-16.57	0.76	0.00	-15.81	≤11.00	PASS
		5240	-16.36	0.76	0.00	-15.60	≤11.00	PASS
		5745	-24.19	0.76	2.22	-21.21	≤30.00	PASS
		5785	-23.93	0.76	2.22	-20.95	≤30.00	PASS
		5825	-24.29	0.76	2.22	-21.31	≤30.00	PASS
11AC40SISO	Ant1	5190	-20.17	1.12	0.00	-19.05	≤11.00	PASS
		5230	-19.44	1.12	0.00	-18.32	≤11.00	PASS
		5755	-26.7	1.06	2.22	-23.42	≤30.00	PASS
		5795	-26.63	1.06	2.22	-23.35	≤30.00	PASS

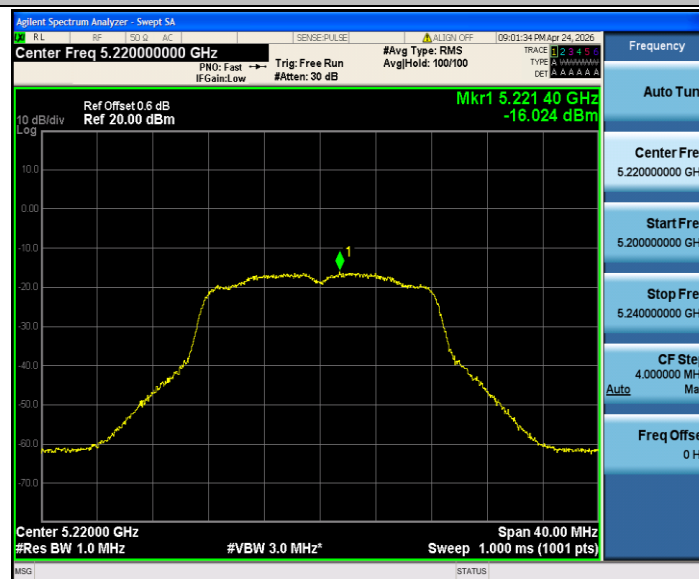
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2. P.S.D(dBm/500KHz)= P.S.D(dBm/300KHz)+10 log (500 kHz/300KHz) +Duty factor.
3. RBW factor= 10 log (500 KHz /300 KHz) = 2.22 dB

Test Graphs

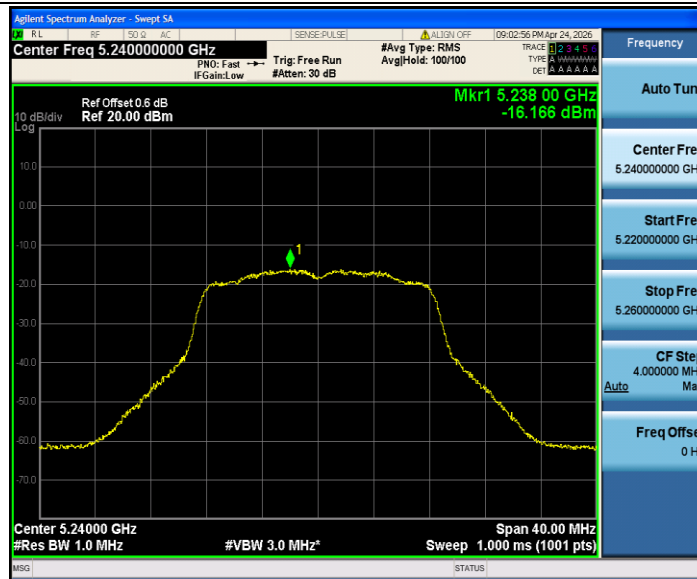
11A_Ant1_5180



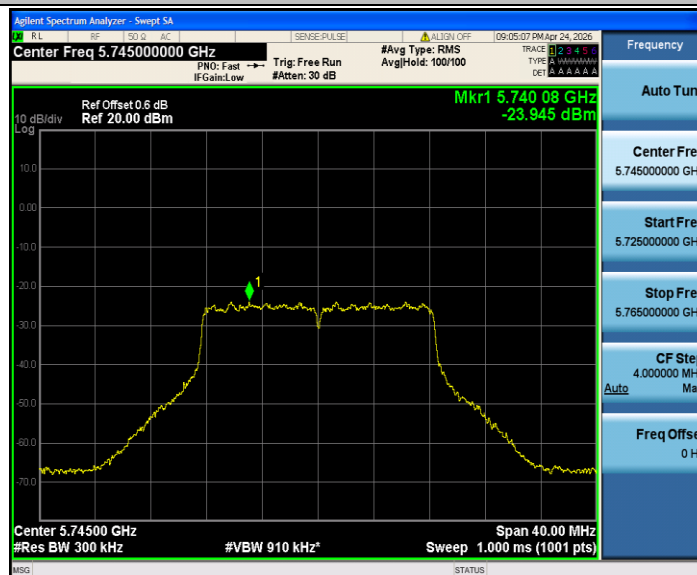
11A_Ant1_5220



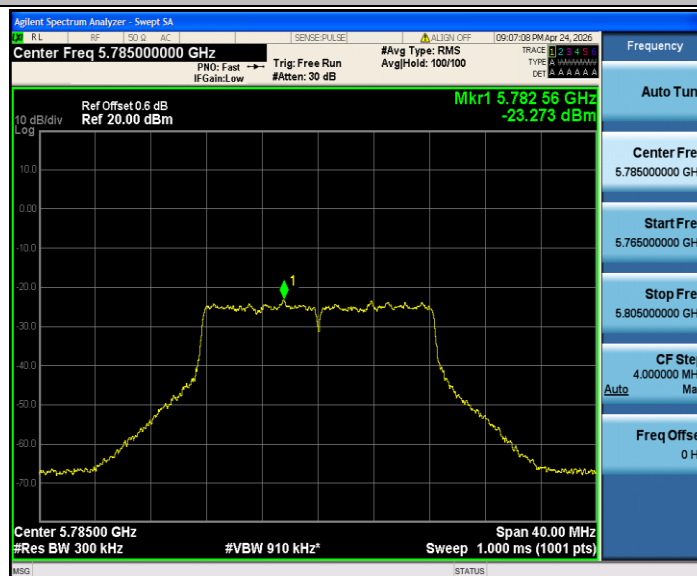
11A_Ant1_5240



11A_Ant1_5745



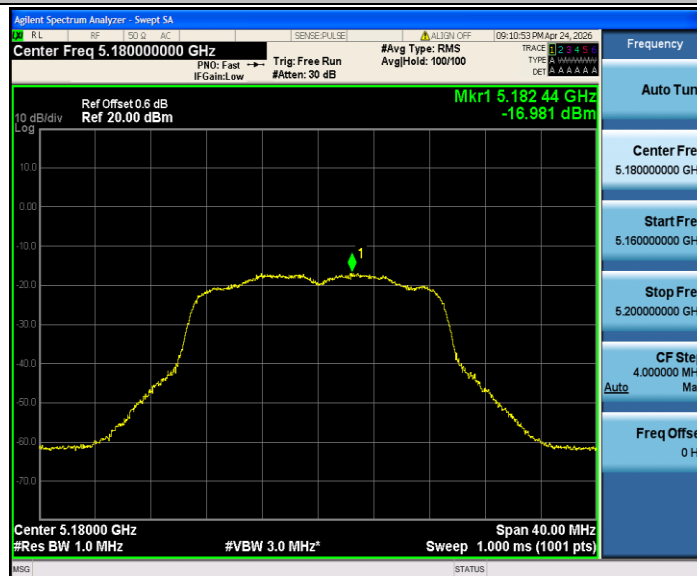
11A_Ant1_5785



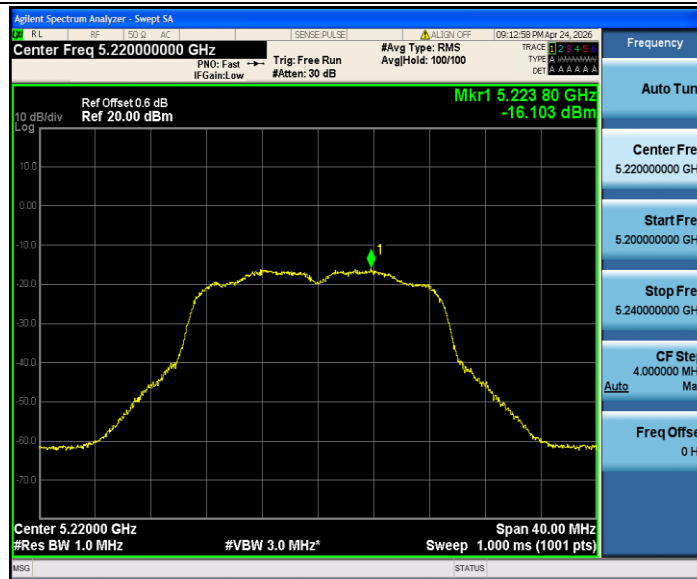
11A_Ant1_5825



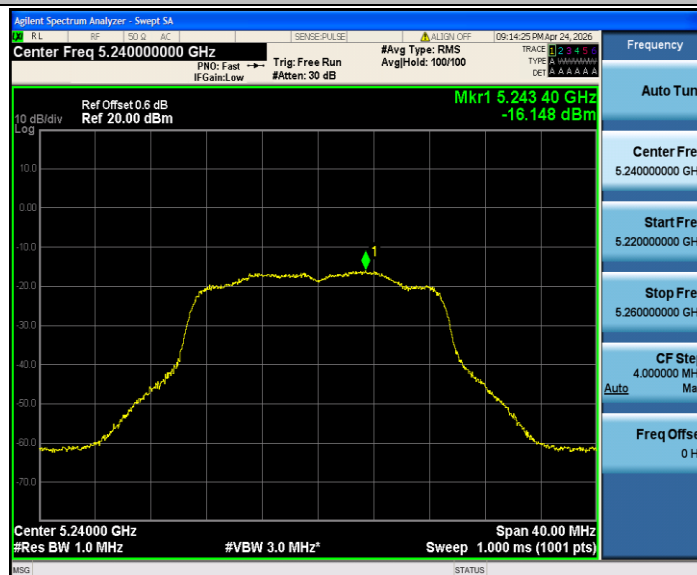
11N20SISO_Ant1_5180



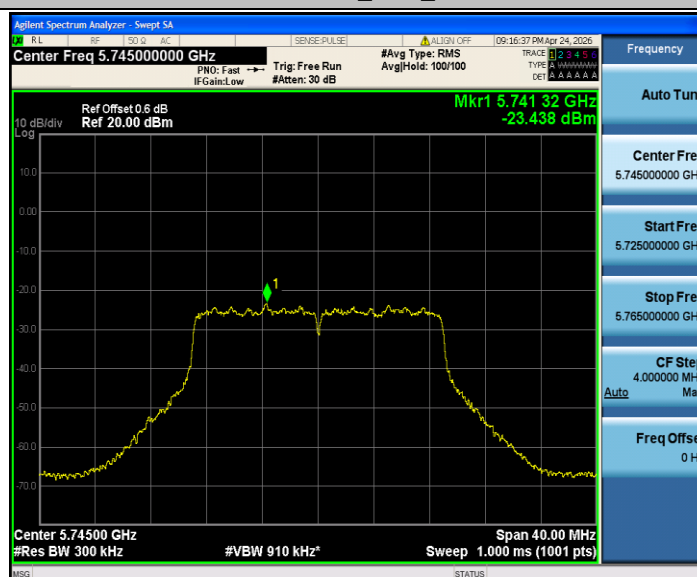
11N20SISO_Ant1_5220



11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



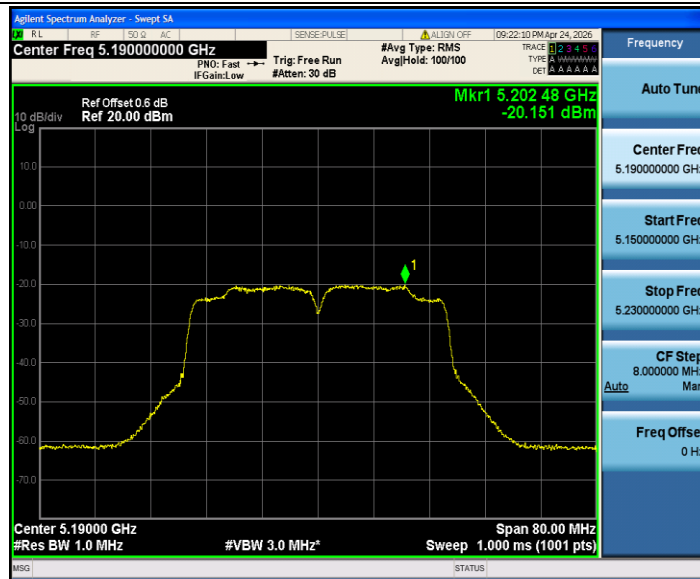
11N20SISO_Ant1_5785



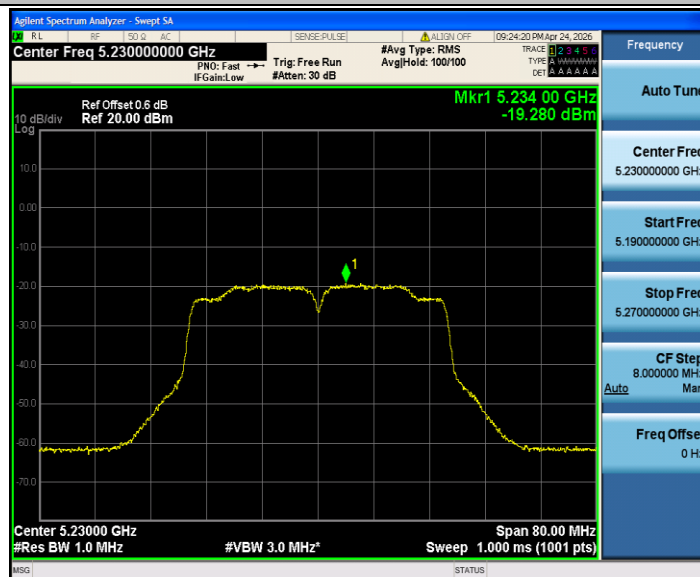
11N20SISO_Ant1_5825



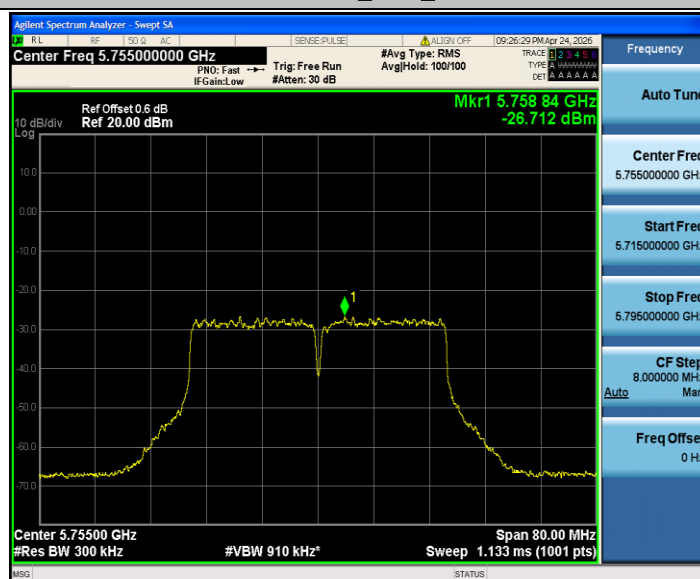
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



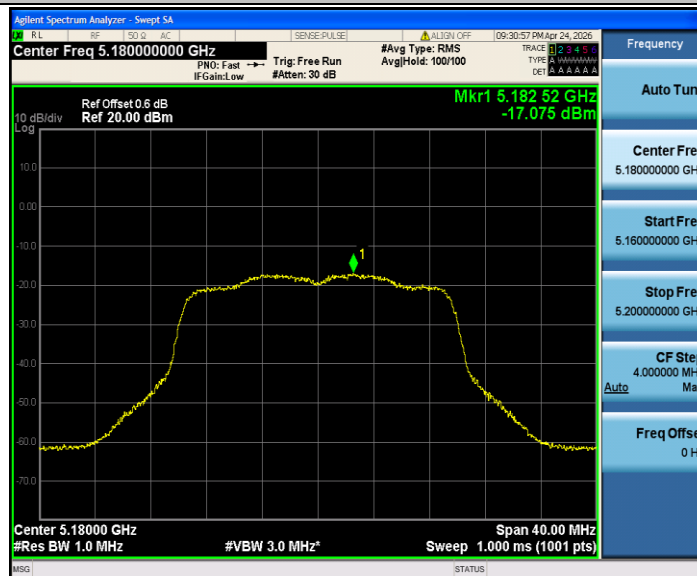
11N40SISO_Ant1_5755



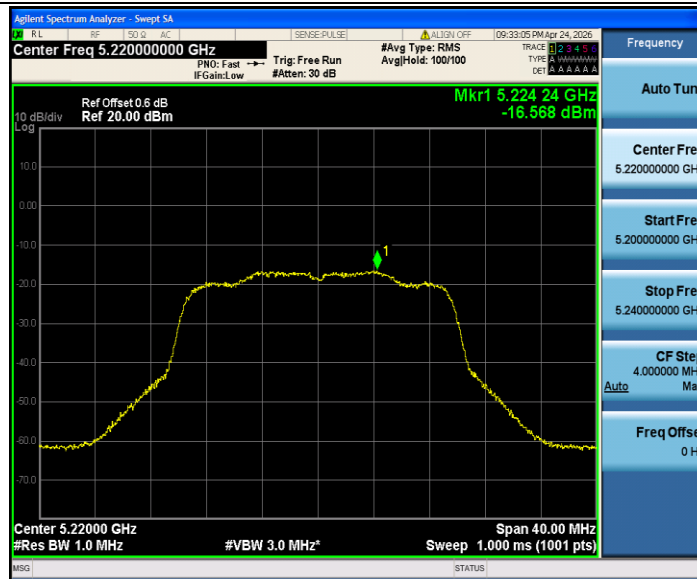
11N40SISO_Ant1_5795



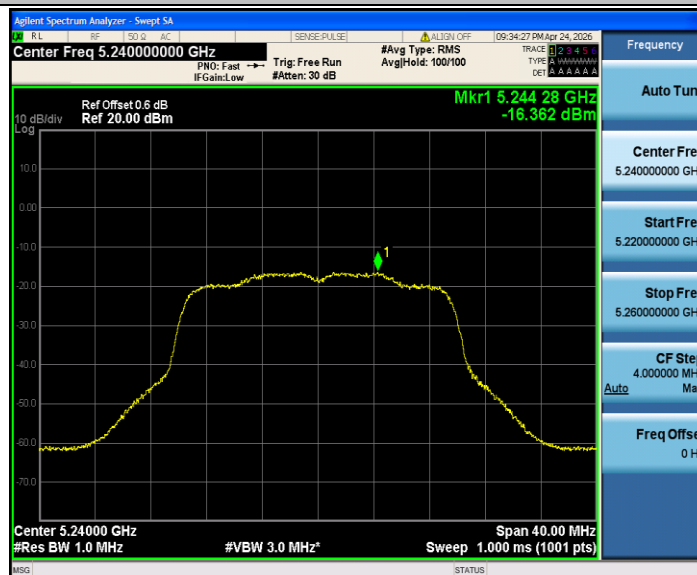
11AC20SISO_Ant1_5180



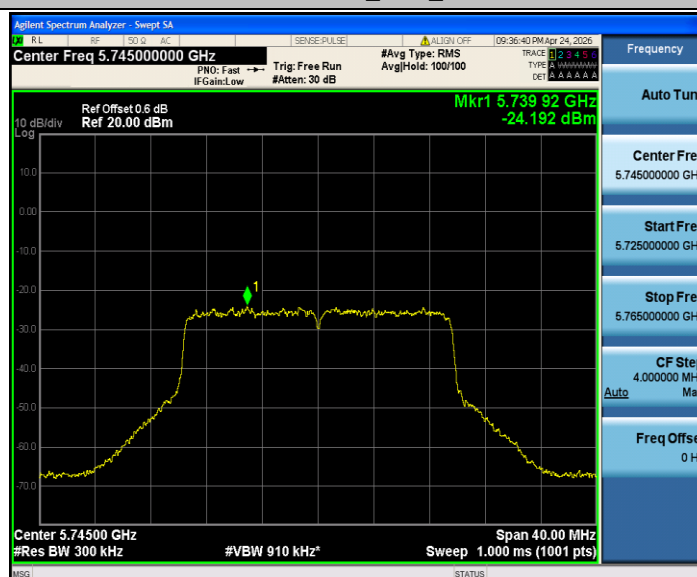
11AC20SISO_Ant1_5220



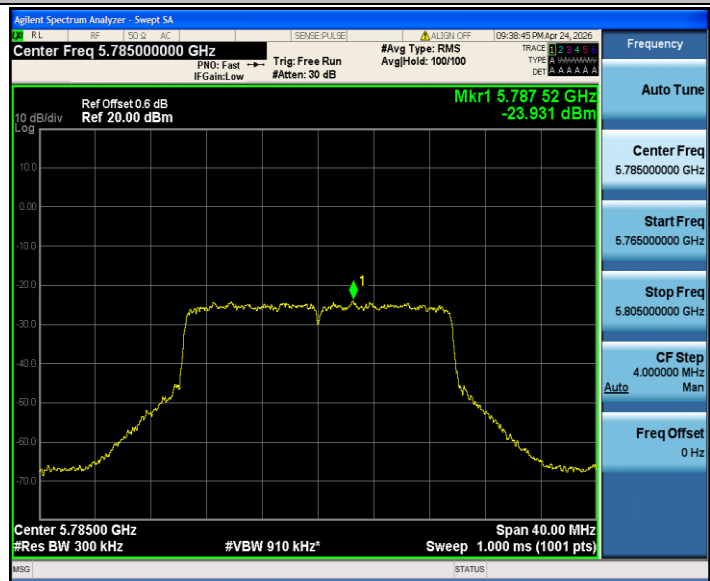
11AC20SISO_Ant1_5240



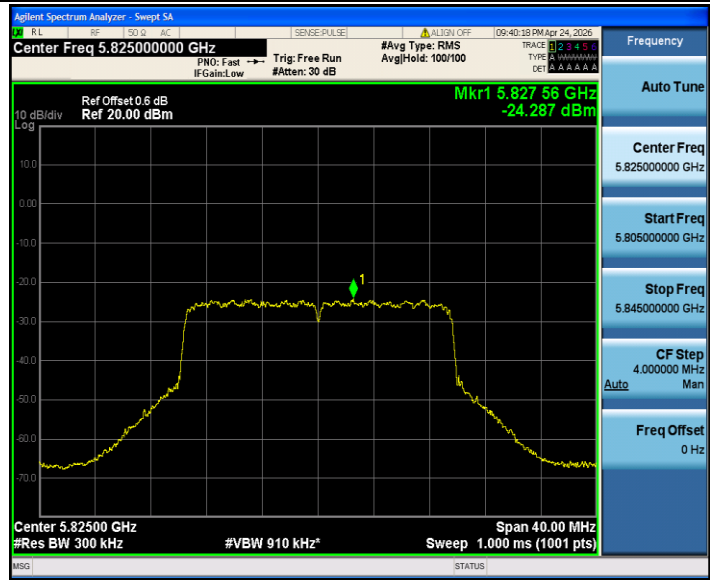
11AC20SISO_Ant1_5745



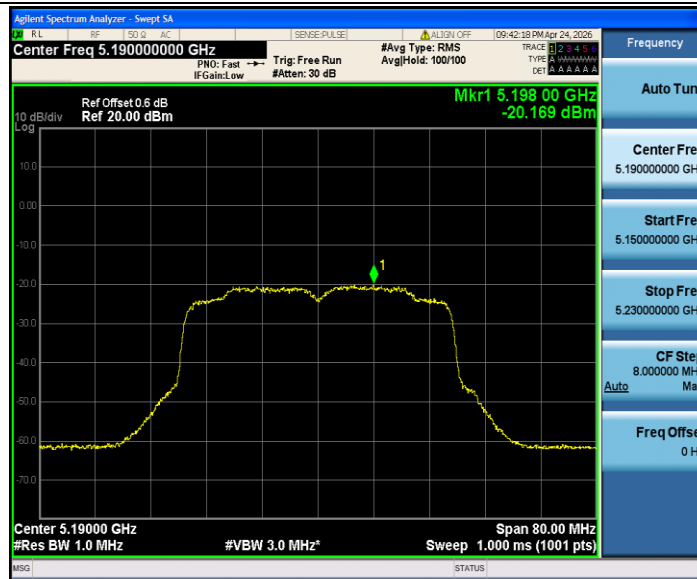
11AC20SISO_Ant1_5785



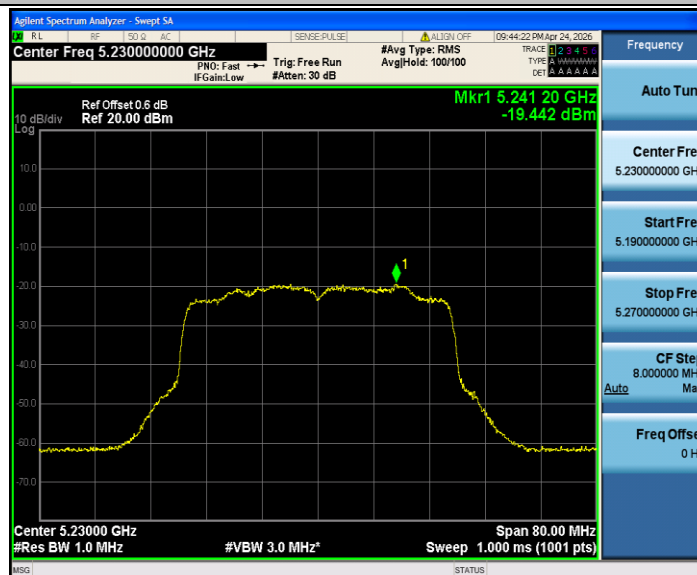
11AC20SISO_Ant1_5825



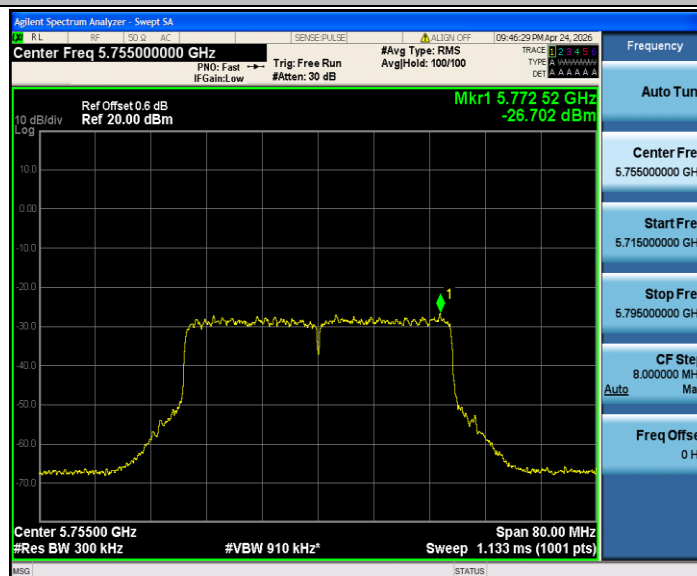
11AC40SISO_Ant1_5190



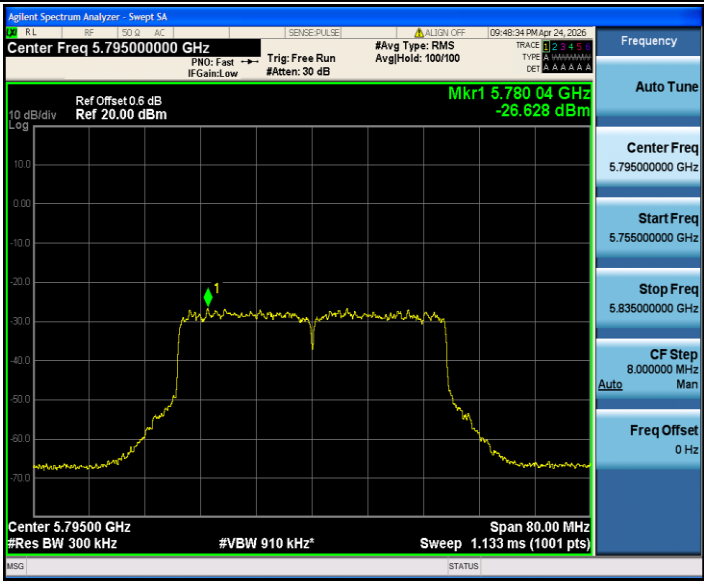
11AC40SISO_Ant1_5230



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E: Band edge measurements

Test Result B1/2/3

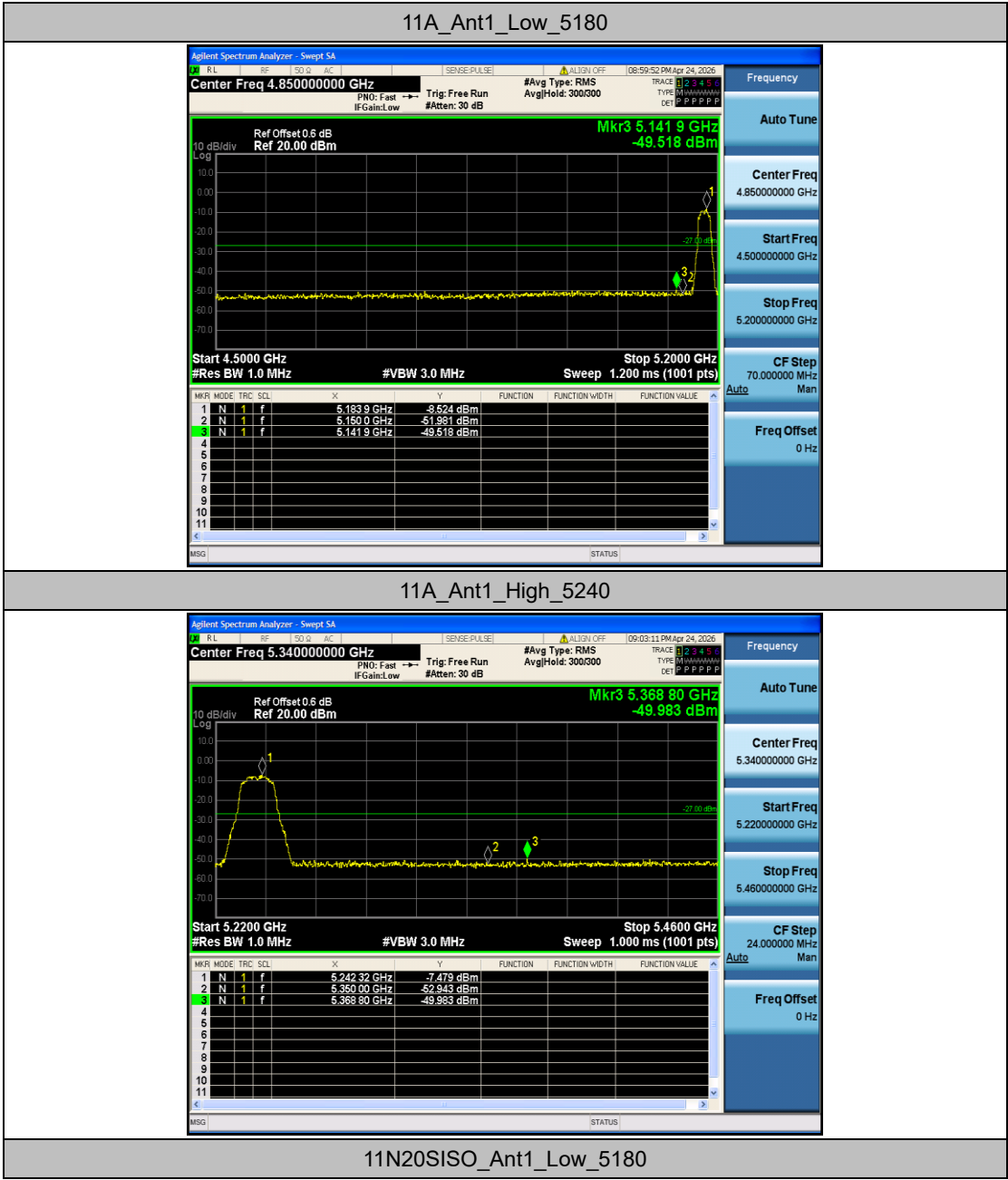
TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-49.52	≤-27	PASS
		High	5240	-49.98	≤-27	PASS
11N20SISO	Ant1	Low	5180	-49.62	≤-27	PASS
		High	5240	-50.59	≤-27	PASS
11N40SISO	Ant1	Low	5190	-49.42	≤-27	PASS
		High	5230	-50.19	≤-27	PASS
11AC20SISO	Ant1	Low	5180	-48.51	≤-27	PASS
		High	5240	-50.03	≤-27	PASS
11AC40SISO	Ant1	Low	5190	-48.73	≤-27	PASS
		High	5230	-49.7	≤-27	PASS

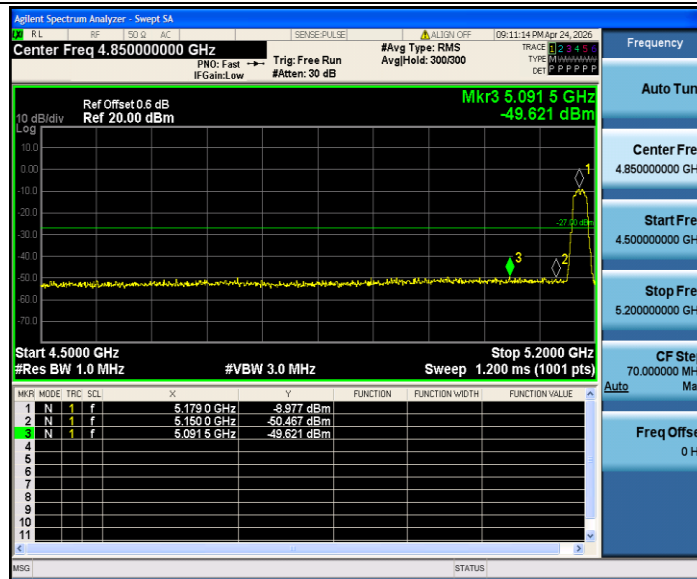
Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5645~5650	-51.54	≤-27	PASS
				5650~5700	-51.87	≤-26.96	PASS
				5700~5720	-52.08	≤10.28	PASS
				5720~5725	-53.08	≤15.82	PASS
		High	5825	5850~5855	-51.43	≤15.73	PASS
				5855~5875	-50.75	≤10.13	PASS
				5875~5925	-51.43	≤-26.81	PASS
				5925~5935	-49.86	≤-27	PASS
11N20SISO	Ant1	Low	5745	5645~5650	-50.64	≤-27	PASS
				5650~5700	-50.58	≤-25.51	PASS
				5700~5720	-50.67	≤10.93	PASS
				5720~5725	-51.83	≤17.13	PASS
		High	5825	5850~5855	-50.13	≤16.65	PASS
				5855~5875	-51.17	≤10.36	PASS
				5875~5925	-50.77	≤-26.41	PASS
				5925~5935	-50.04	≤-27	PASS
11N40SISO	Ant1	Low	5755	5645~5650	-51.95	≤-27	PASS
				5650~5700	-52.05	≤-26.40	PASS
				5700~5720	-51.82	≤10.02	PASS
				5720~5725	-51.98	≤15.74	PASS
		High	5795	5850~5855	-51.22	≤16.41	PASS
				5855~5875	-51.55	≤10.48	PASS

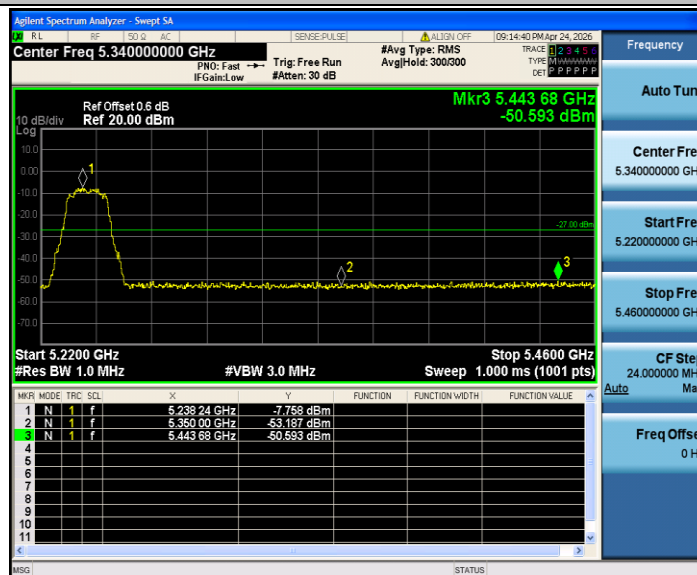
				5875~5925	-51.39	≤-26.83	PASS
				5925~5935	-50.84	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5645~5650	-51.07	≤-27	PASS
				5650~5700	-51.88	≤-26.36	PASS
				5700~5720	-51.72	≤10.64	PASS
				5720~5725	-51.21	≤16.60	PASS
		High	5825	5850~5855	-51.3	≤16.65	PASS
				5855~5875	-50.13	≤10.21	PASS
				5875~5925	-51.14	≤-26.91	PASS
				5925~5935	-49.7	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5645~5650	-51.8	≤-27	PASS
				5650~5700	-53.17	≤-26.80	PASS
				5700~5720	-52.49	≤10.25	PASS
				5720~5725	-51.54	≤16.97	PASS
		High	5795	5850~5855	-52.27	≤15.66	PASS
				5855~5875	-50.21	≤10.20	PASS
				5875~5925	-50.81	≤-26.95	PASS
				5925~5935	-50.82	≤-27	PASS

Test Graphs B1/2/3

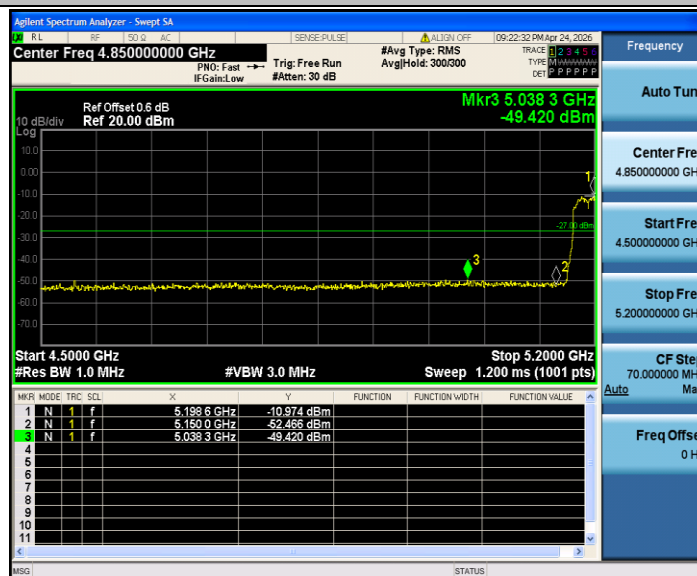




11N20SISO_Ant1_High_5240



11N40SISO_Ant1_Low_5190



[illegible]

The screenshot shows an Agilent Spectrum Analyzer interface. The main display is a frequency plot with a peak at 5.1426 GHz. The plot has a logarithmic scale for the y-axis (dBm) and a linear scale for the x-axis (GHz). The peak is labeled with its frequency and power: 5.1426 GHz and -48.512 dBm. The plot also shows a reference level at 0.5 dB and a resolution bandwidth of 3.0 MHz. The plot is titled 'Center Freq 4.850000000 GHz'.

Below the plot is a table of measurement data:

MkR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	f	5.184 6 GHz	-7.150 dBm			
2	N	1	f	5.150 0 GHz	-50.841 dBm			
3	N	1	f	5.142 6 GHz	-48.512 dBm			
4								
5								
6								
7								
8								
9								
10								
11								

On the right side of the interface, there are several control buttons and labels:

- Frequency**: A label for the frequency control section.
- Auto Tune**: A button to automatically tune the analyzer.
- Center Freq**: A label for the center frequency, with a value of 4.850000000 GHz.
- Start Freq**: A label for the start frequency, with a value of 4.500000000 GHz.
- Stop Freq**: A label for the stop frequency, with a value of 5.200000000 GHz.
- CF Step**: A label for the center frequency step, with a value of 70.000000 MHz.
- Auto**: A button to automatically set the center frequency step.
- Freq Offset**: A label for the frequency offset, with a value of 0 Hz.

11AC20SISO_Ant1_High_5240
