

Case No. : <u>GTS20260113019-1-12</u>
Ambient Condition: <u>23</u> °C, <u>55</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.1.17-2026.3.4</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	20.040	5170.000	5190.040	---	---
		5200	20.320	5189.720	5210.040	---	---
		5240	22.480	5229.680	5252.160	---	---
11N20SISO	Ant2	5180	19.920	5170.080	5190.000	---	---
		5200	19.880	5190.080	5209.960	---	---
		5240	19.800	5230.080	5249.880	---	---
11N40SISO	Ant2	5190	39.840	5170.080	5209.920	---	---
		5230	39.920	5210.000	5249.920	---	---
11AC20SISO	Ant2	5180	20.240	5169.880	5190.120	---	---
		5200	20.160	5189.920	5210.080	---	---
		5240	20.160	5229.840	5250.000	---	---
11AC40SISO	Ant2	5190	40.640	5169.760	5210.400	---	---
		5230	40.480	5209.760	5250.240	---	---
11AC80SISO	Ant2	5210	81.760	5169.200	5250.960	---	---

Test Graphs

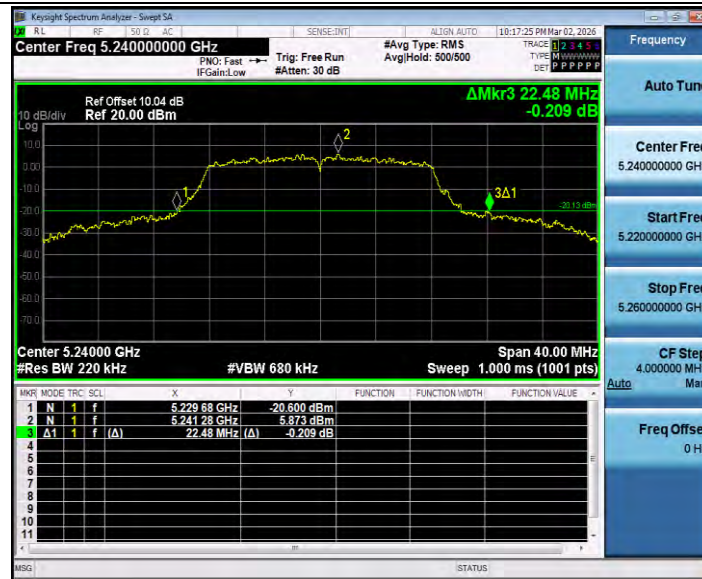
11A_Ant2_5180



11A_Ant2_5200



11A_Ant2_5240



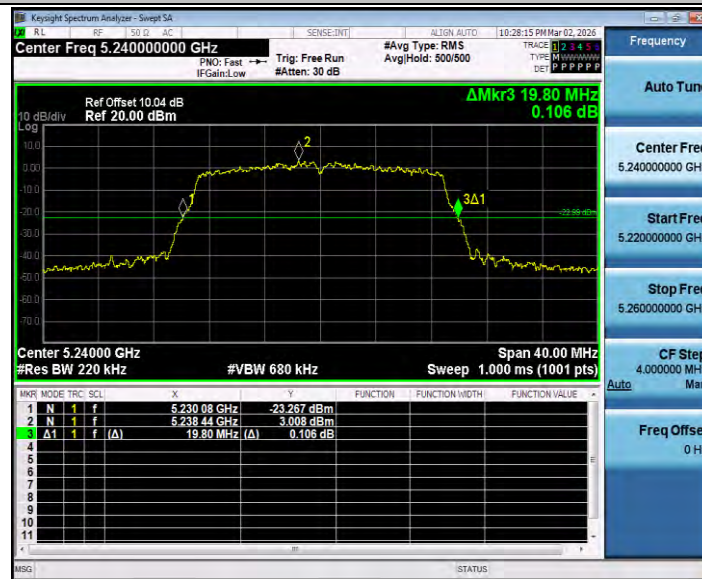
11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



11N40SISO_Ant2_5230



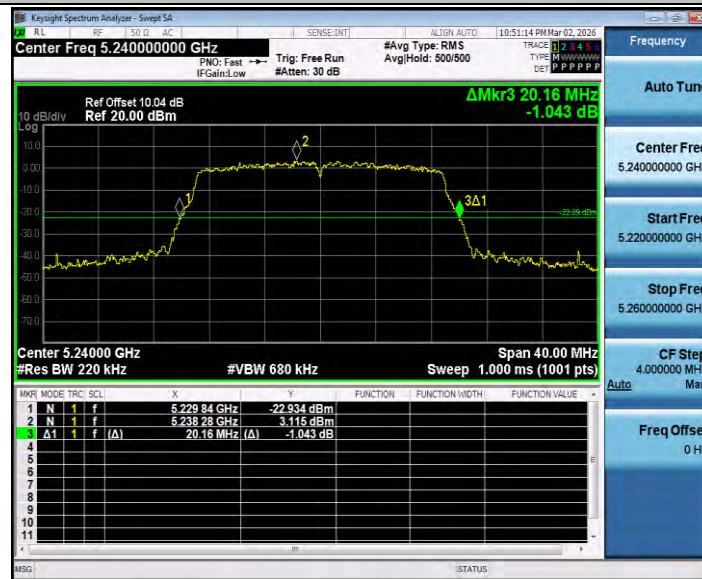
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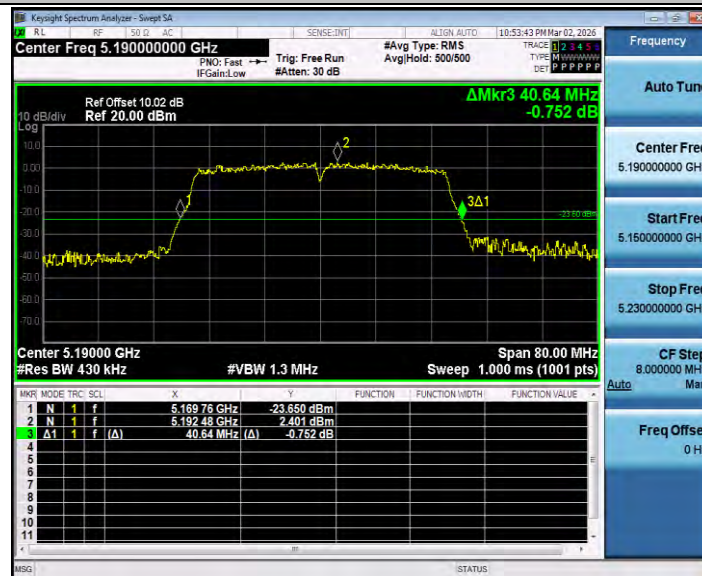
11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



11AC80ISO_Ant2_5210



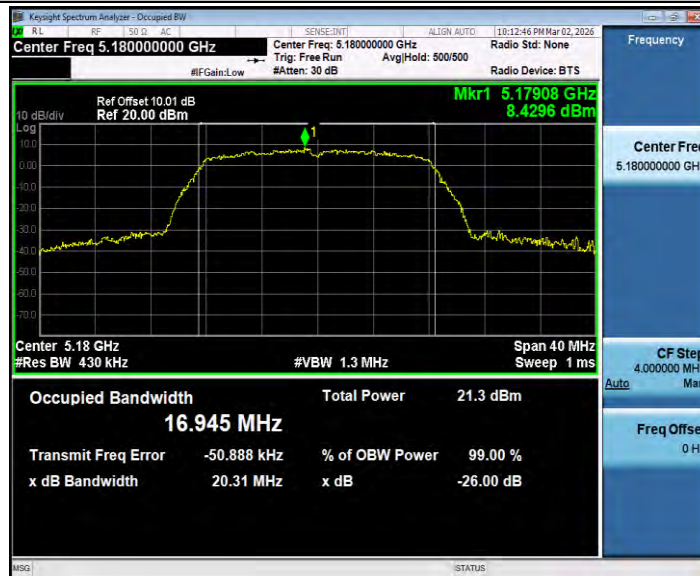
Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	16.945	5171.4766	5188.4216	---	---
		5200	17.065	5191.4521	5208.5171	---	---
		5240	17.135	5231.4043	5248.5393	---	---
11N20SISO	Ant2	5180	17.707	5171.1677	5188.8747	---	---
		5200	17.718	5191.1604	5208.8784	---	---
		5240	17.704	5231.1686	5248.8726	---	---
11N40SISO	Ant2	5190	36.196	5171.9750	5208.1710	---	---
		5230	36.193	5211.9570	5248.1500	---	---
11AC20SISO	Ant2	5180	17.763	5171.1502	5188.9132	---	---
		5200	17.758	5191.1395	5208.8975	---	---
		5240	17.754	5231.1457	5248.8997	---	---
11AC40SISO	Ant2	5190	36.295	5171.8992	5208.1942	---	---
		5230	36.310	5211.8700	5248.1800	---	---
11AC80SISO	Ant2	5210	76.235	5172.0713	5248.3063	---	---

Test Graphs

11A_Ant2_5180



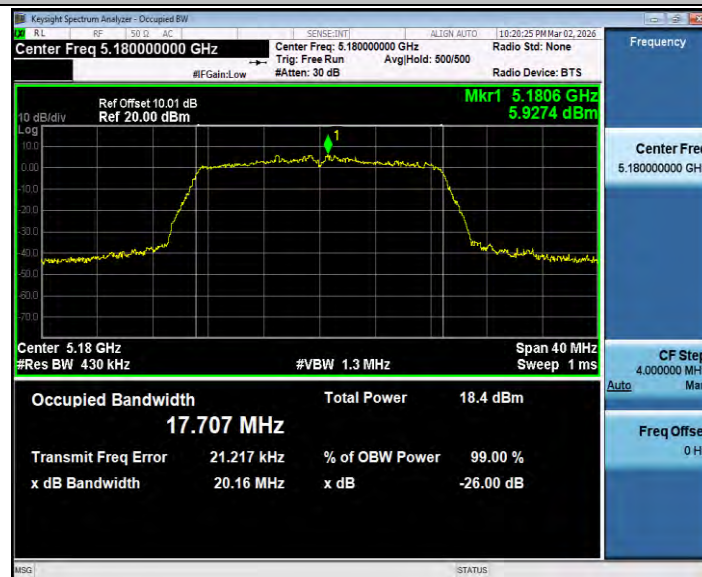
11A_Ant2_5200



11A_Ant2_5240



11N20SISO_Ant2_5180



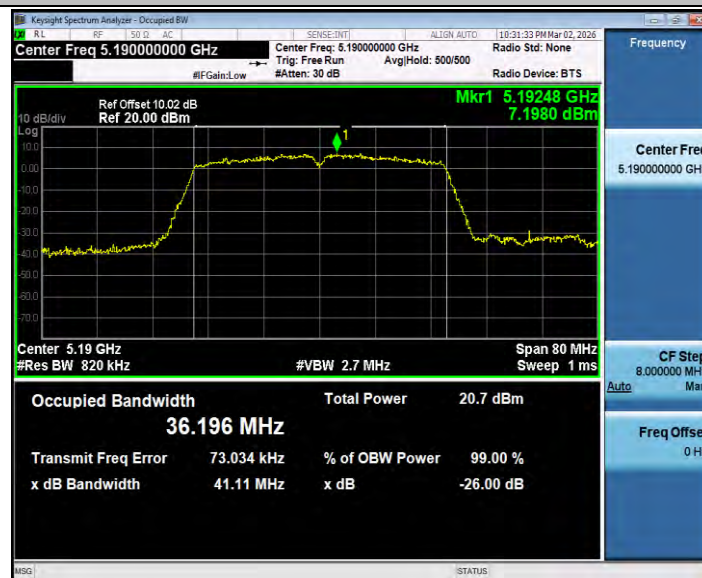
11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



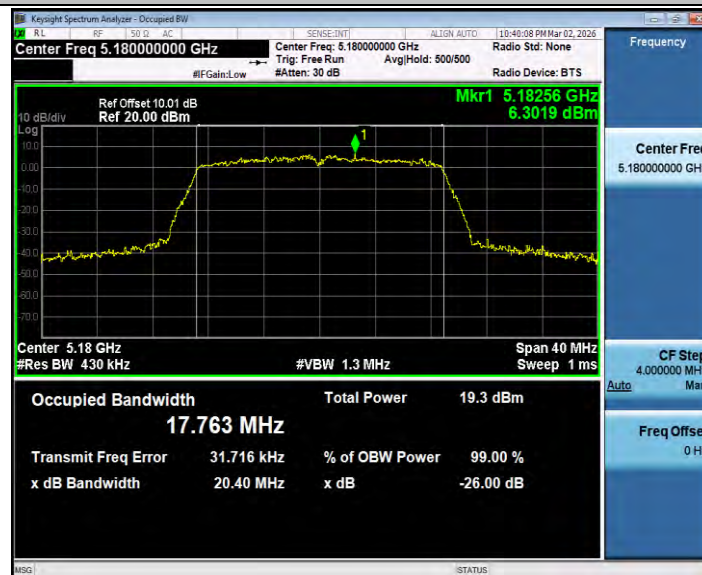
11N40SISO_Ant2_5190



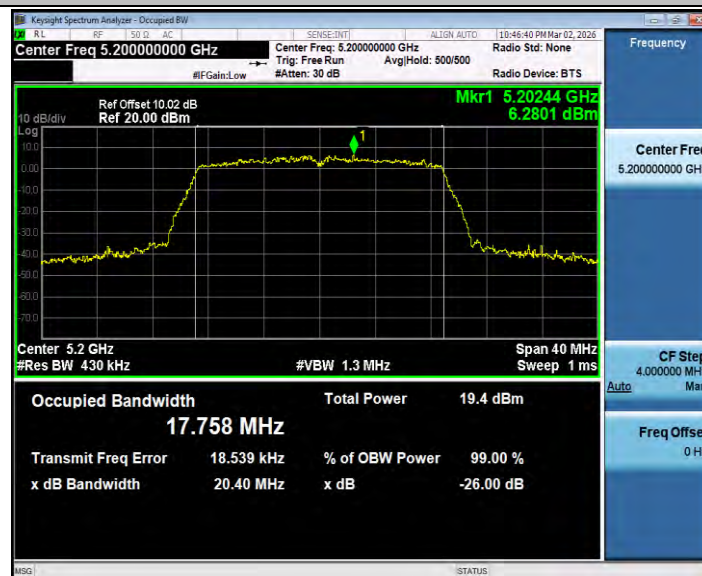
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



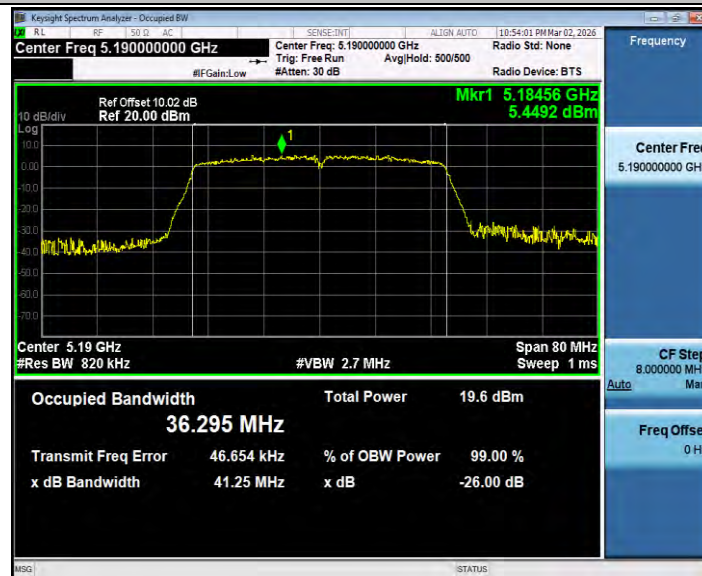
11AC20SISO_Ant2_5200



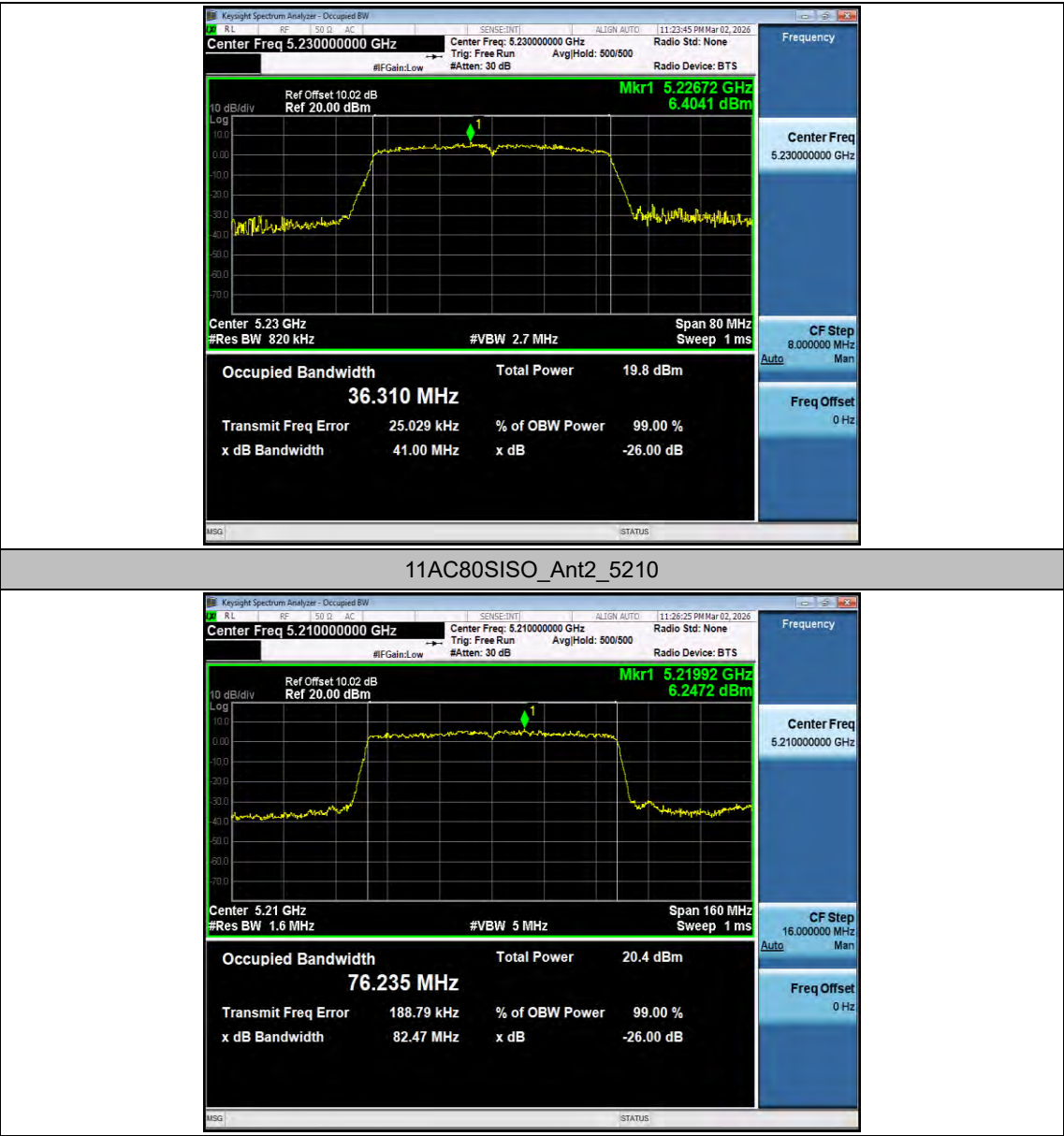
11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230

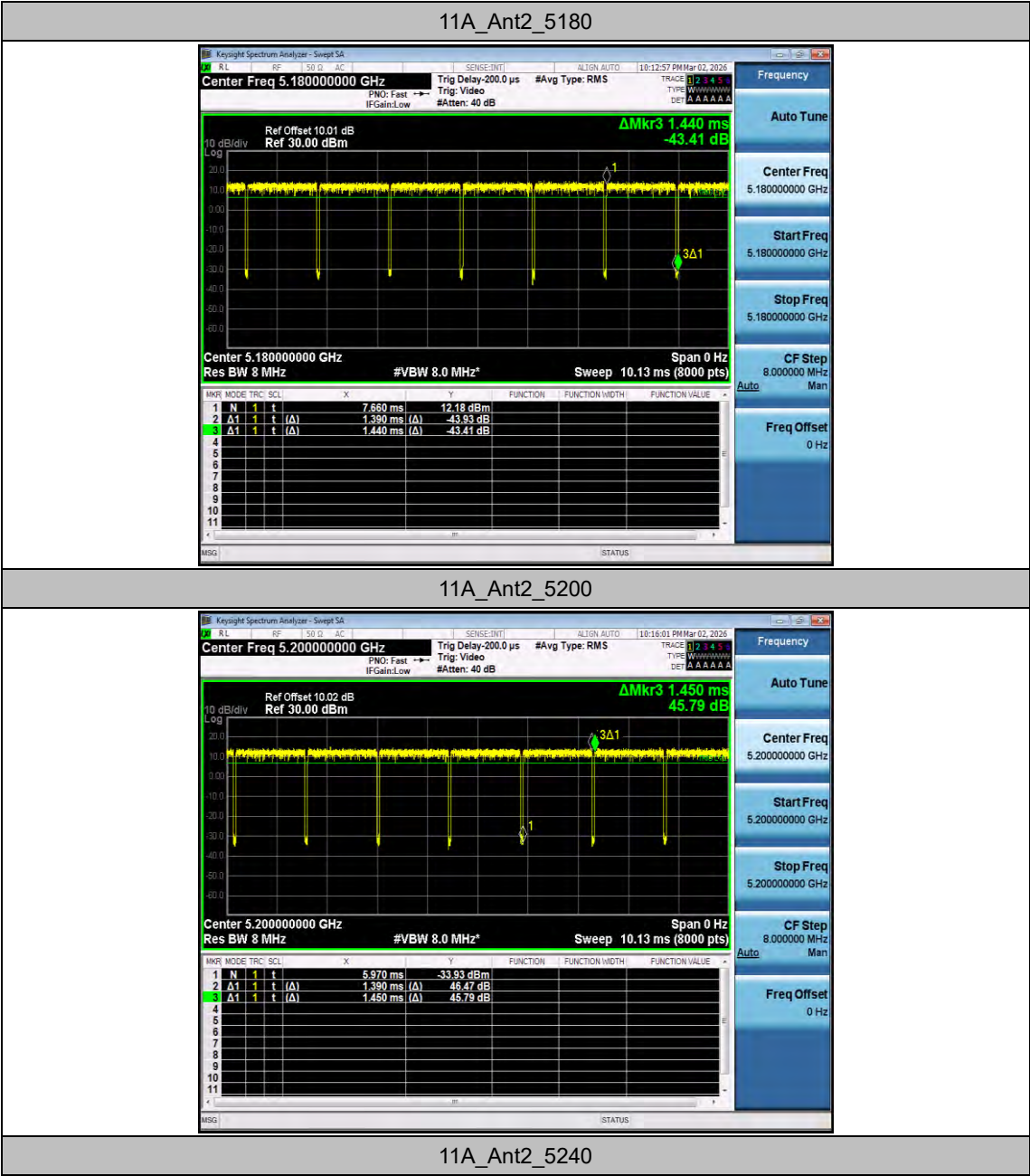


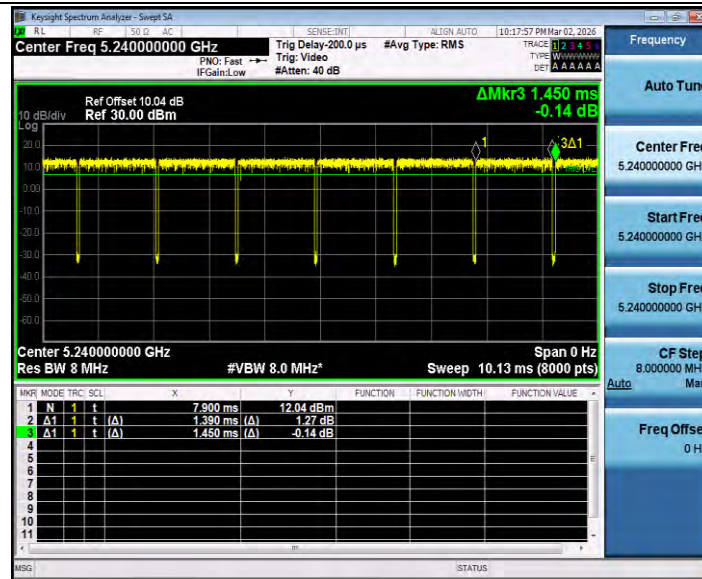
AppendixD.3: Duty Cycle

Test Result

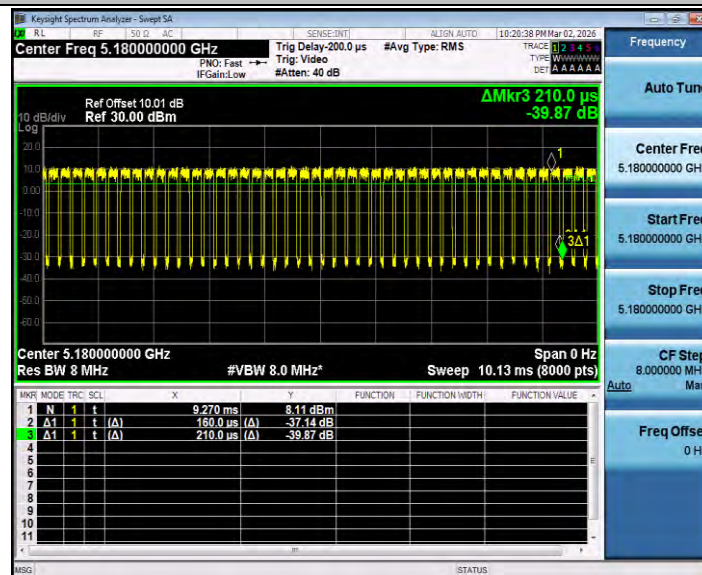
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5180	1.39	1.44	96.53	0.15	0.72
		5200	1.39	1.45	95.86	0.18	0.72
		5240	1.39	1.45	95.86	0.18	0.72
11N20SISO	Ant2	5180	0.16	0.21	76.19	1.18	6.25
		5200	0.16	0.22	72.73	1.38	6.25
		5240	0.17	0.22	77.27	1.12	5.88
11N40SISO	Ant2	5190	0.10	0.15	66.67	1.76	10.00
		5230	0.10	0.15	66.67	1.76	10.00
11AC20SISO	Ant2	5180	0.15	0.21	71.43	1.46	6.67
		5200	0.15	0.20	75.00	1.25	6.67
		5240	0.15	0.20	75.00	1.25	6.67
11AC40SISO	Ant2	5190	0.08	0.14	57.14	2.43	12.50
		5230	0.09	0.14	64.29	1.92	11.11
11AC80SISO	Ant2	5210	0.06	0.11	54.55	2.63	16.67

Test Graphs

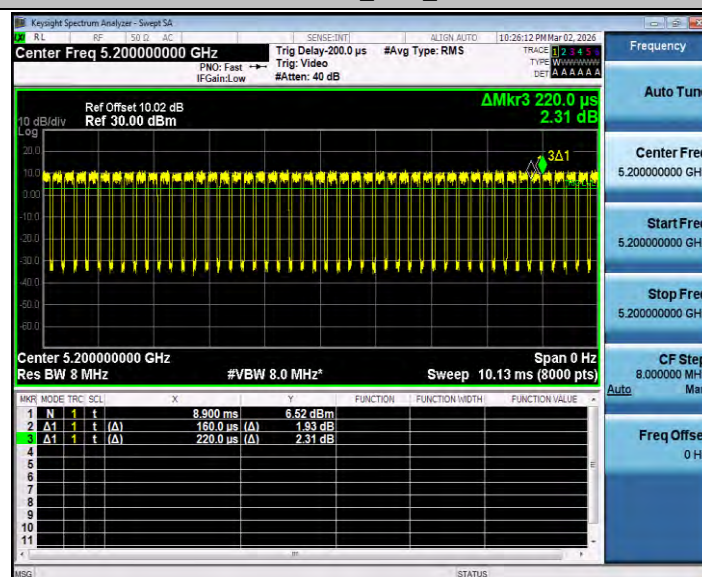




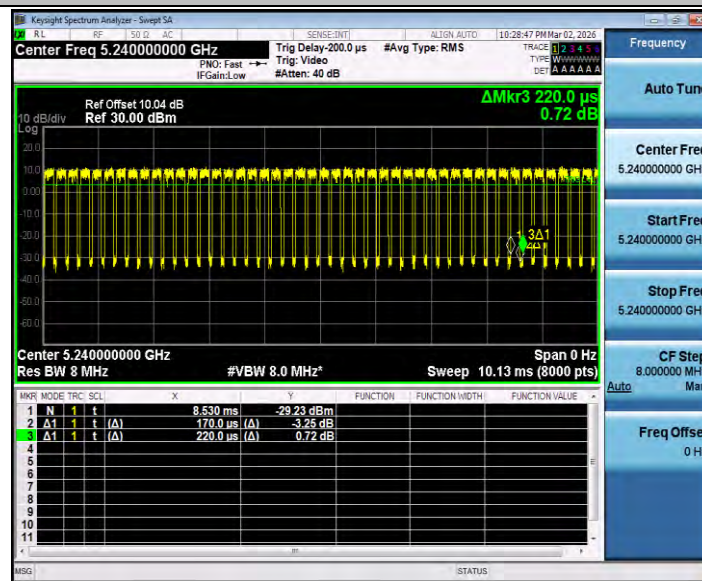
11N20SISO_Ant2_5180



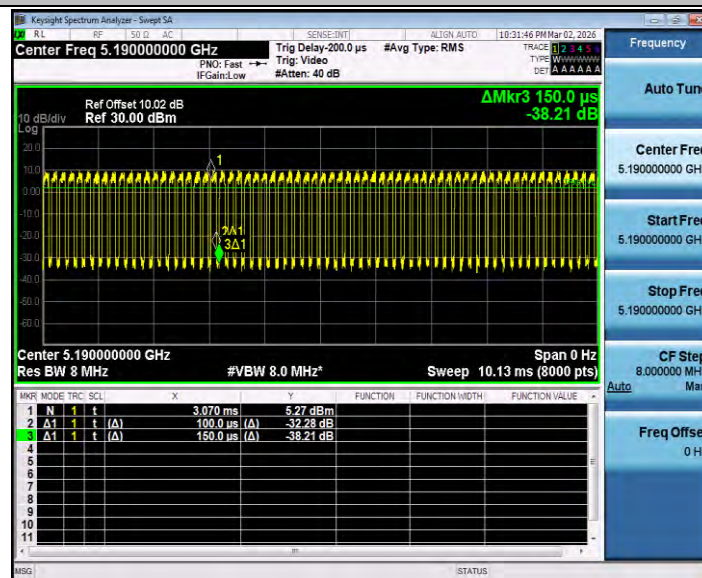
11N20SISO_Ant2_5200



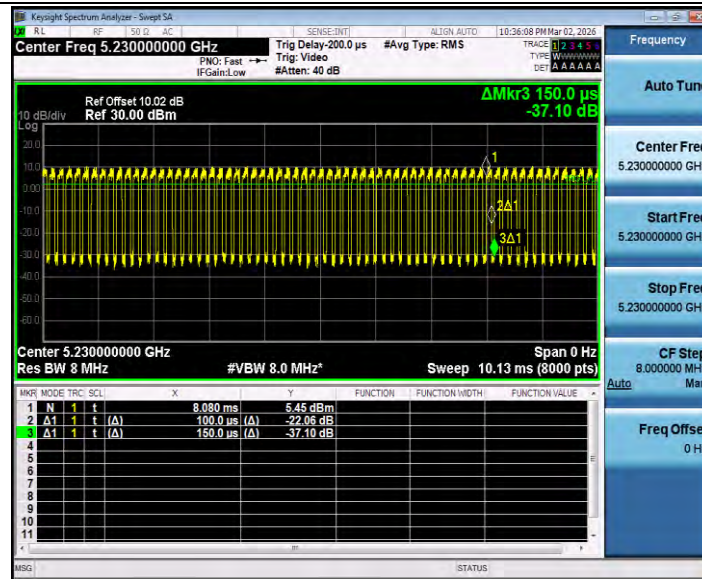
11N20SISO_Ant2_5240



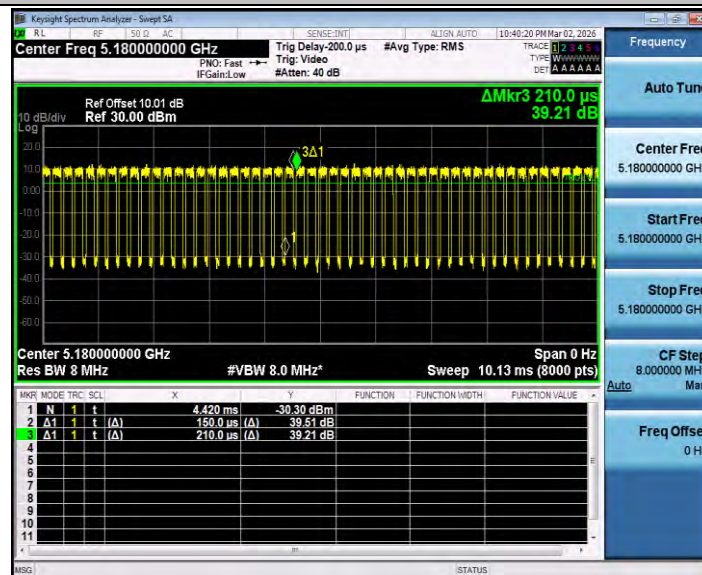
11N40SISO_Ant2_5190



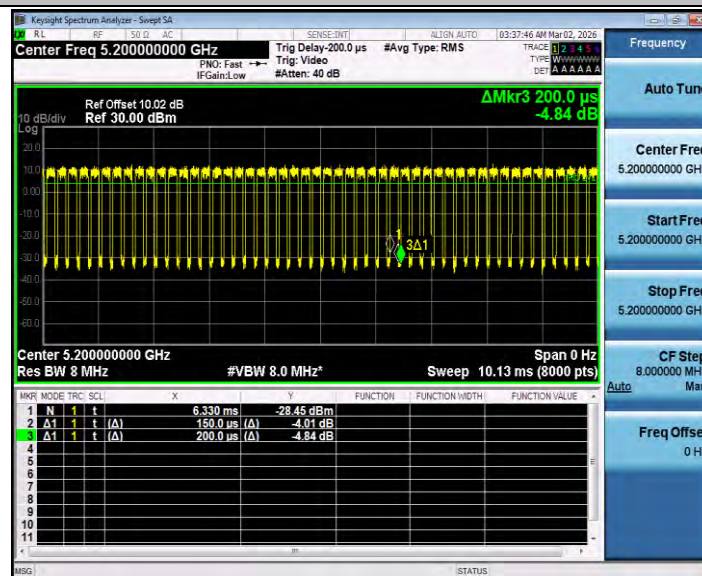
11N40SISO_Ant2_5230

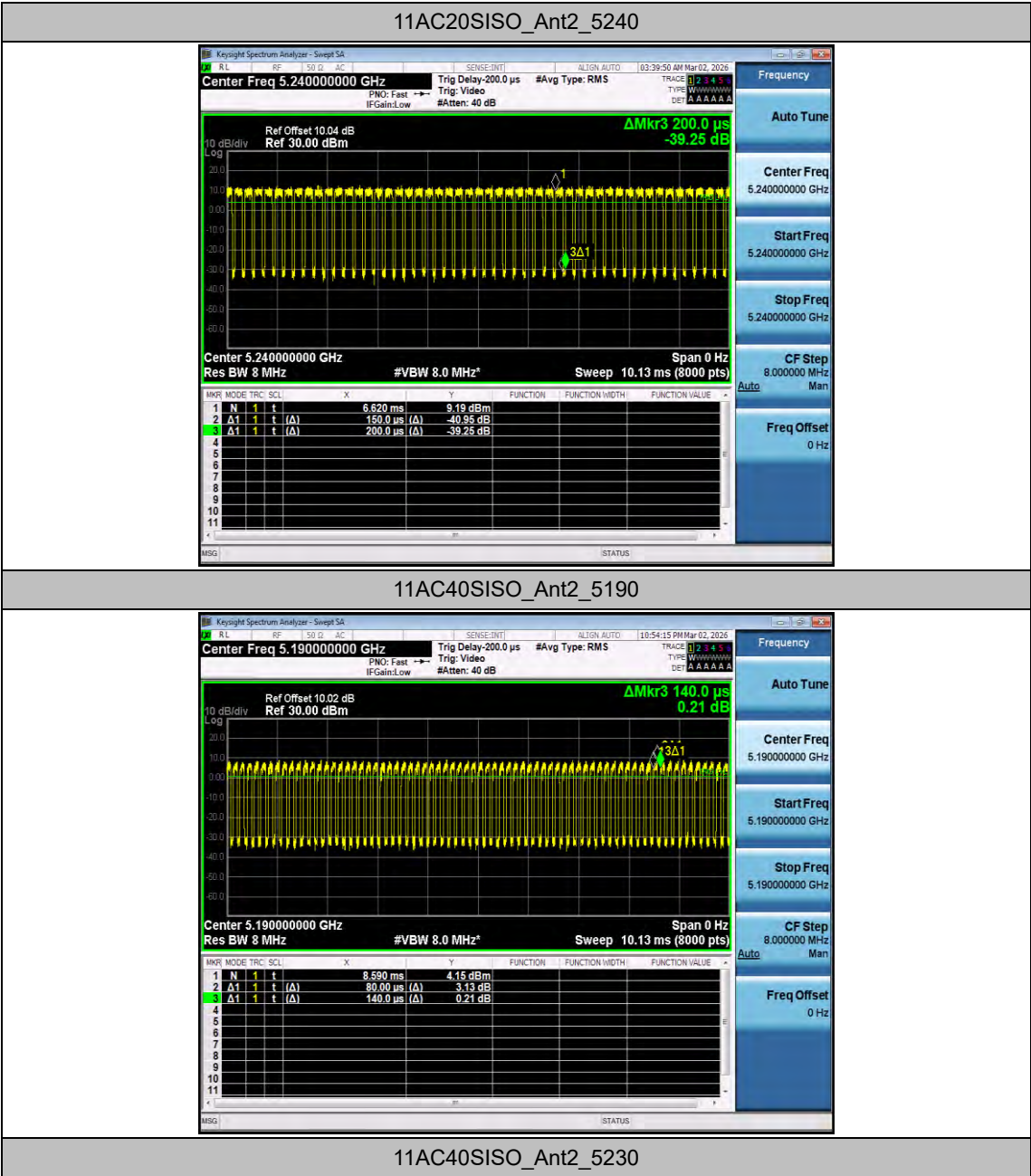


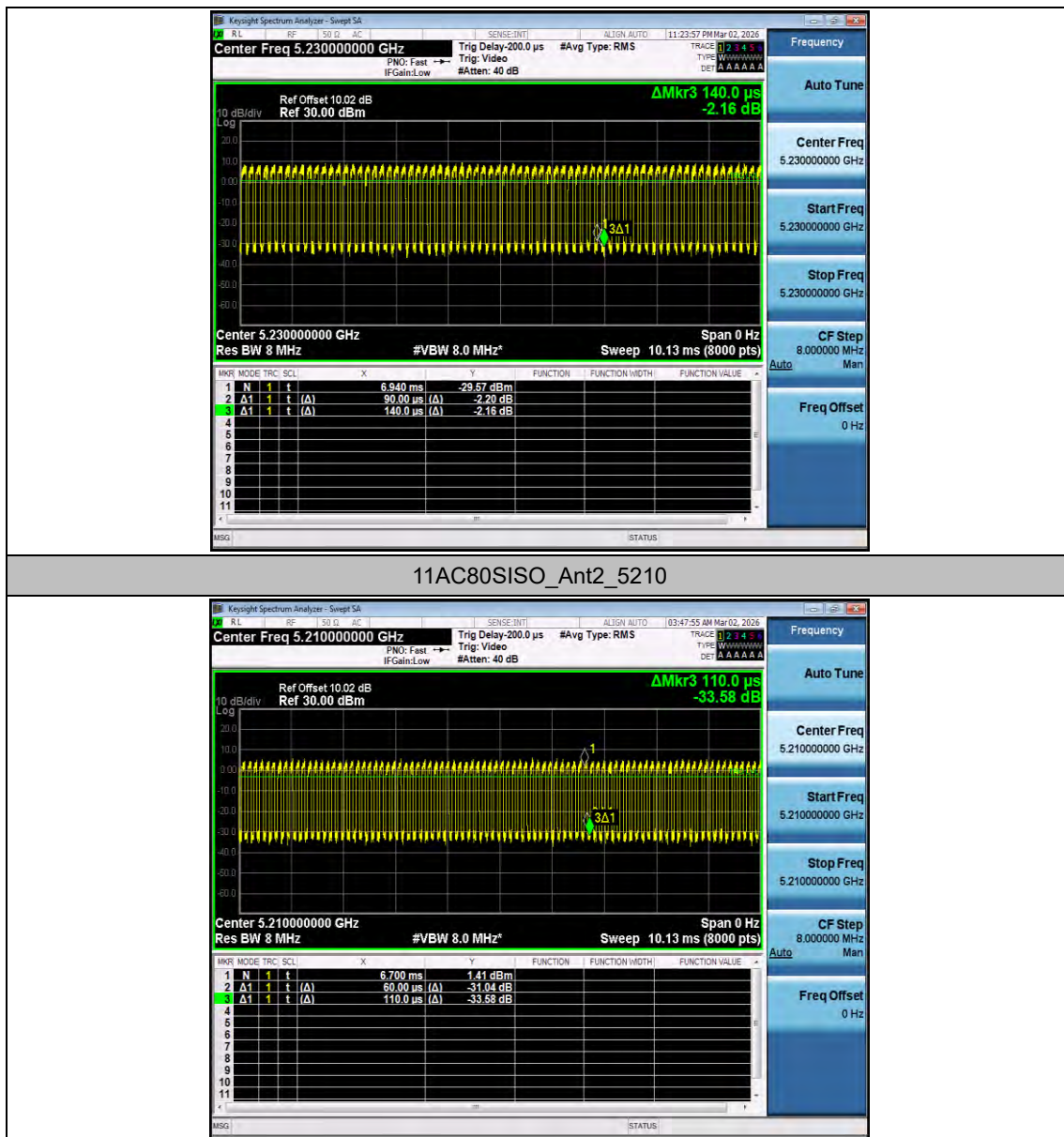
11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200







Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	14.54	96.53	0.15	14.69	≤23.98	PASS
		5200	14.64	95.86	0.18	14.82	≤23.98	PASS
		5240	14.64	95.86	0.18	14.82	≤23.98	PASS
11N20SISO	Ant2	5180	10.07	76.19	1.18	11.25	≤23.98	PASS
		5200	10.11	72.73	1.38	11.49	≤23.98	PASS
		5240	10.17	77.27	1.12	11.29	≤23.98	PASS
11N40SISO	Ant2	5190	11.18	66.67	1.76	12.94	≤23.98	PASS
		5230	11.47	66.67	1.76	13.23	≤23.98	PASS
11AC20SISO	Ant2	5180	10.81	71.43	1.46	12.27	≤23.98	PASS
		5200	11.31	75.00	1.25	12.56	≤23.98	PASS
		5240	11.05	75.00	1.25	12.30	≤23.98	PASS
11AC40SISO	Ant2	5190	10.08	57.14	2.43	12.51	≤23.98	PASS
		5230	10.29	64.29	1.92	12.21	≤23.98	PASS
11AC80SISO	Ant2	5210	9.60	54.55	2.63	12.23	≤23.98	PASS

Appendix D.5: Maximum power spectral density

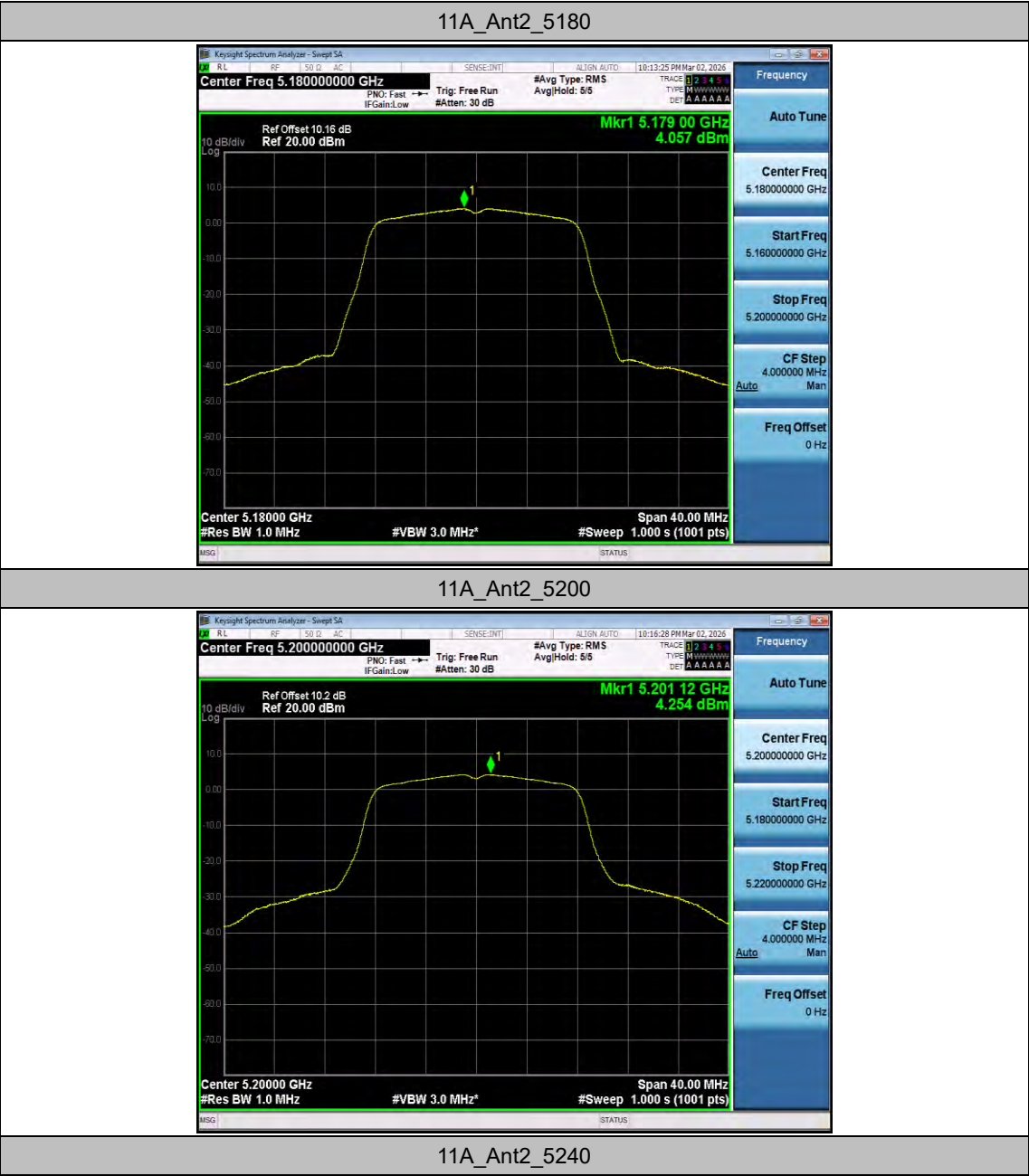
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5180	4.06	≤11.00	PASS
		5200	4.25	≤11.00	PASS
		5240	4.32	≤11.00	PASS
11N20SISO	Ant2	5180	0.56	≤11.00	PASS
		5200	0.92	≤11.00	PASS
		5240	0.76	≤11.00	PASS
11N40SISO	Ant2	5190	-0.44	≤11.00	PASS
		5230	-0.12	≤11.00	PASS
11AC20SISO	Ant2	5180	1.30	≤11.00	PASS
		5200	1.63	≤11.00	PASS
		5240	1.47	≤11.00	PASS
11AC40SISO	Ant2	5190	-1.14	≤11.00	PASS
		5230	-1.40	≤11.00	PASS
11AC80SISO	Ant2	5210	-4.41	≤11.00	PASS

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

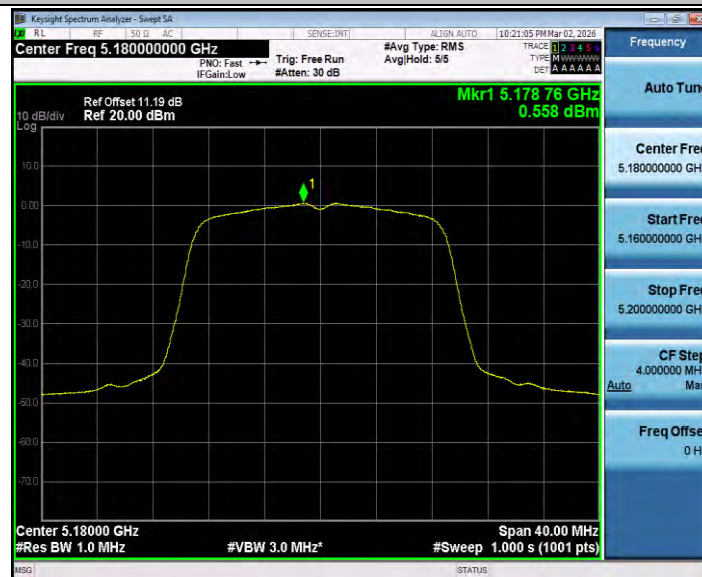
2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

Test Graphs





11N20SISO_Ant2_5180



11N20SISO_Ant2_5200



11N20SISO_Ant2_5240



11N40SISO_Ant2_5190



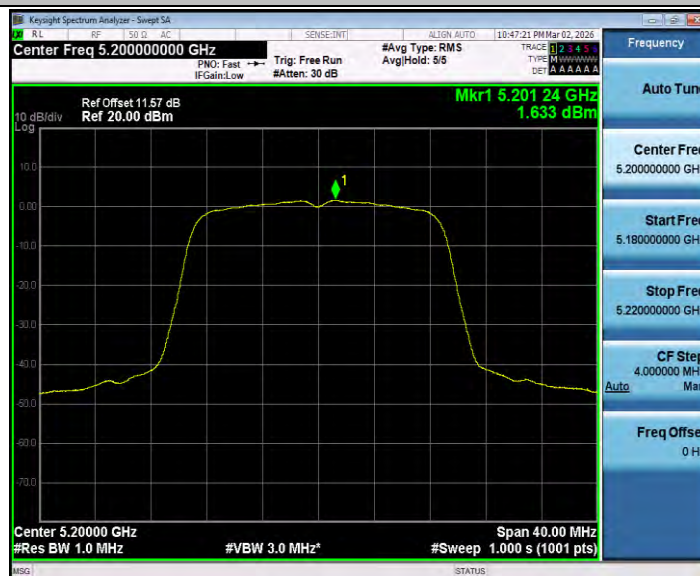
11N40SISO_Ant2_5230



11AC20SISO_Ant2_5180



11AC20SISO_Ant2_5200



11AC20SISO_Ant2_5240



11AC40SISO_Ant2_5190



11AC40SISO_Ant2_5230



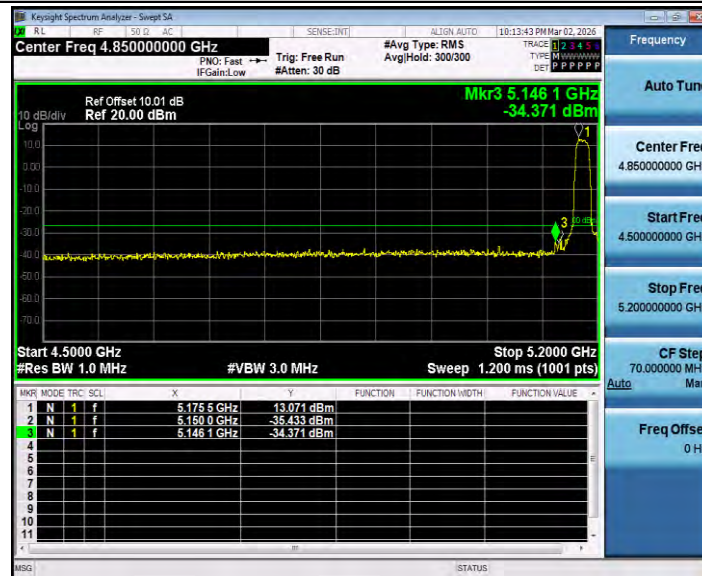
Appendix D.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant2	Low	5180	-34.37	≤ -27	PASS
		High	5240	-37.45	≤ -27	PASS
11N20SISO	Ant2	Low	5180	-36.6	≤ -27	PASS
		High	5240	-37.42	≤ -27	PASS
11N40SISO	Ant2	Low	5190	-35.59	≤ -27	PASS
		High	5230	-37	≤ -27	PASS
11AC20SISO	Ant2	Low	5180	-37.14	≤ -27	PASS
		High	5240	-37.24	≤ -27	PASS
11AC40SISO	Ant2	Low	5190	-31.6	≤ -27	PASS
		High	5230	-37.35	≤ -27	PASS
11AC80SISO	Ant2	Low	5210	-36.27	≤ -27	PASS
		High	5210	-36.95	≤ -27	PASS

Test GraphsB1

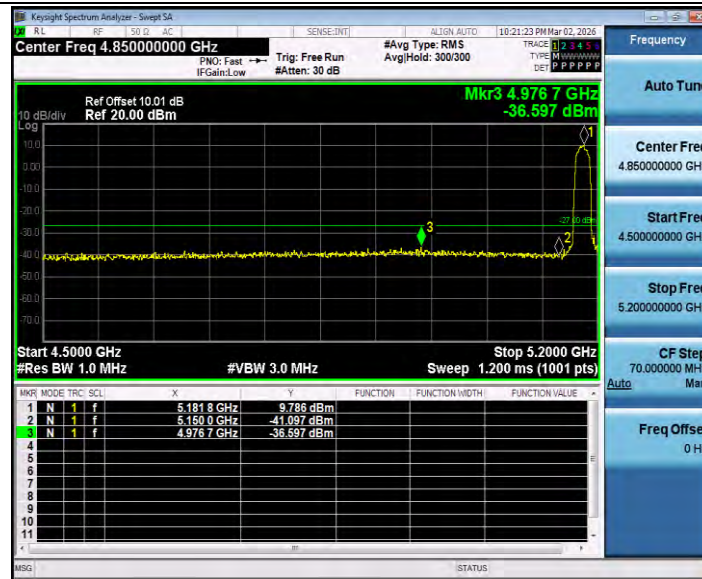
11A_Ant2_Low_5180



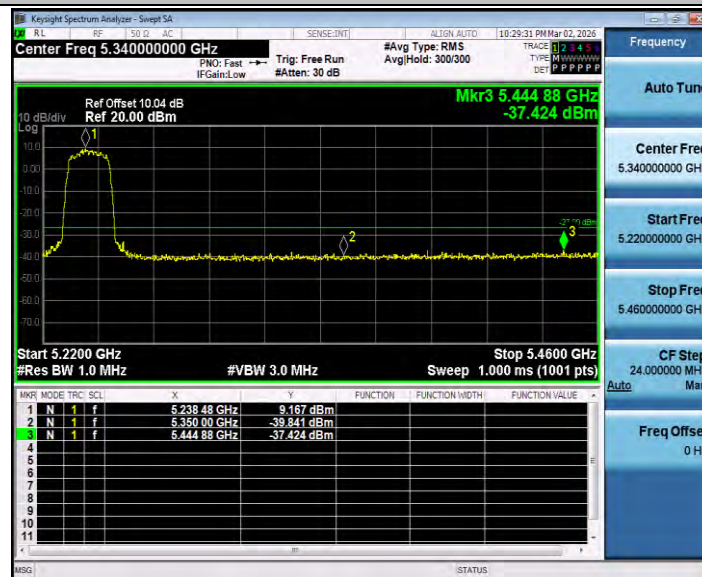
11A_Ant2_High_5240



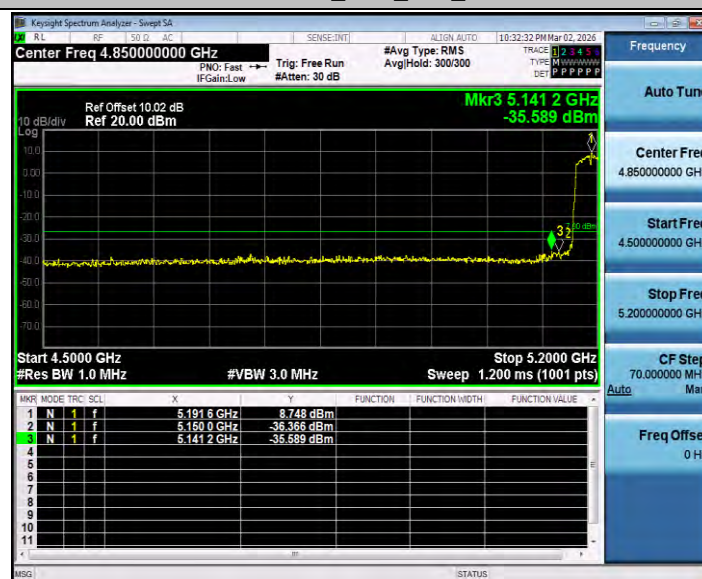
11N20SISO_Ant2_Low_5180



11N20SISO_Ant2_High_5240



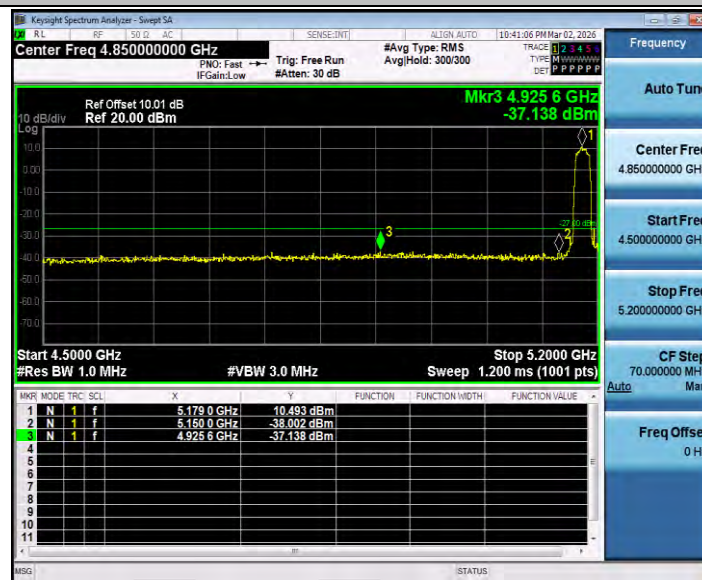
11N40SISO_Ant2_Low_5190



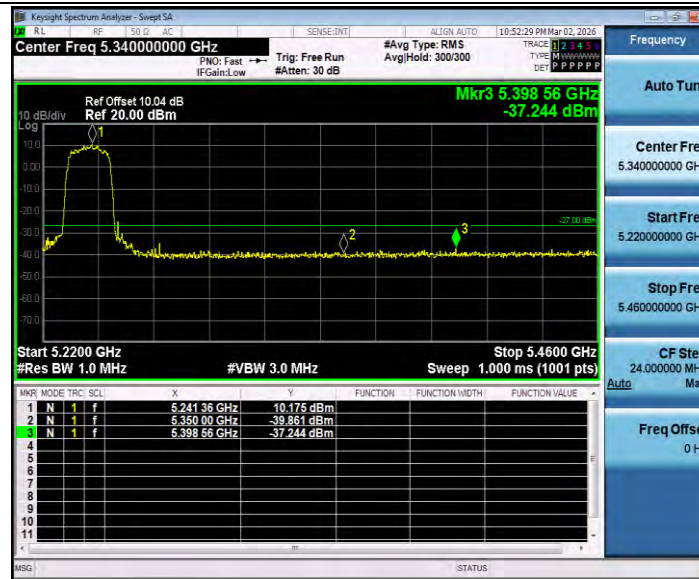
11N40SISO_Ant2_High_5230



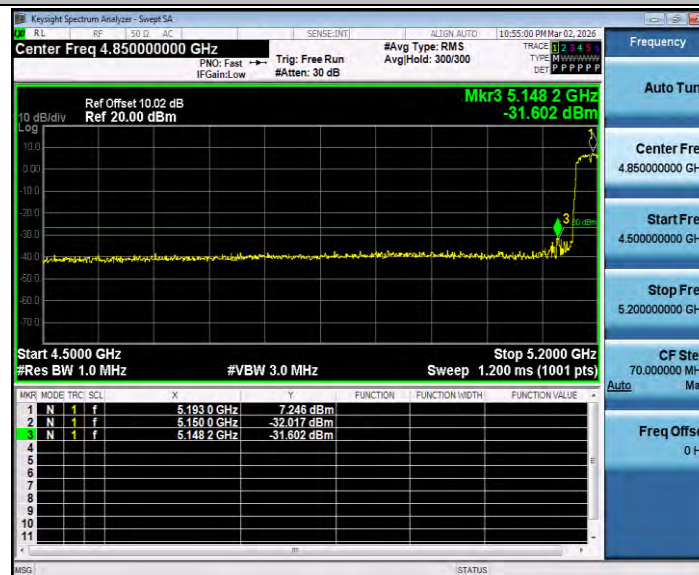
11AC20SISO_Ant2_Low_5180



11AC20SISO_Ant2_High_5240



11AC40SISO_Ant2_Low_5190



11AC40SISO_Ant2_High_5230



11AC80SISO_Ant2_Low_5210



11AC80SISO_Ant2_High_5210



Appendix D.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant2	5180	30~5140	5139.83	-43.5	≤-27	PASS
			5360~27000	24322.41	-37.45	≤-27	PASS
		5200	30~5140	5053.81	-45.14	≤-27	PASS
			5360~27000	25682.85	-37.24	≤-27	PASS
		5240	30~5140	4984.32	-46.06	≤-27	PASS
			5360~27000	24288.51	-37.33	≤-27	PASS
11N20SISO	Ant2	5180	30~5140	5096.74	-45.14	≤-27	PASS
			5360~27000	24844.66	-35.97	≤-27	PASS
		5200	30~5140	4875.81	-46.07	≤-27	PASS
			5360~27000	24186.8	-36.64	≤-27	PASS
		5240	30~5140	4864.4	-46.05	≤-27	PASS
			5360~27000	24204.83	-37.33	≤-27	PASS
11N40SISO	Ant2	5190	30~5140	5133.7	-39.24	≤-27	PASS
			5360~27000	25993.02	-37.29	≤-27	PASS
		5230	30~5140	5128.59	-45.05	≤-27	PASS
			5360~27000	23595.31	-37.28	≤-27	PASS
11AC20SISO	Ant2	5180	30~5140	5113.43	-45.42	≤-27	PASS
			5360~27000	26049.28	-36.85	≤-27	PASS
		5200	30~5140	5110.36	-45.63	≤-27	PASS
			5360~27000	23510.19	-36.56	≤-27	PASS
		5240	30~5140	4856.57	-45.88	≤-27	PASS
			5360~27000	24269.03	-36.71	≤-27	PASS
11AC40SISO	Ant2	5190	30~5140	5136.42	-35.91	≤-27	PASS
			5360~27000	24848.98	-37.2	≤-27	PASS
		5230	30~5140	5002.03	-45.8	≤-27	PASS
			5360~27000	24306.54	-37.07	≤-27	PASS
11AC80SISO	Ant2	5210	30~5140	5122.8	-39.37	≤-27	PASS
			5360~27000	26805.24	-37.68	≤-27	PASS

Test Graphs

11A_Ant2_5180_30~5140



11A_Ant2_5180_5360~27000



11A_Ant2_5200_30~5140



11A_Ant2_5200_5360~27000



11A_Ant2_5240_30~5140



11A_Ant2_5240_5360~27000



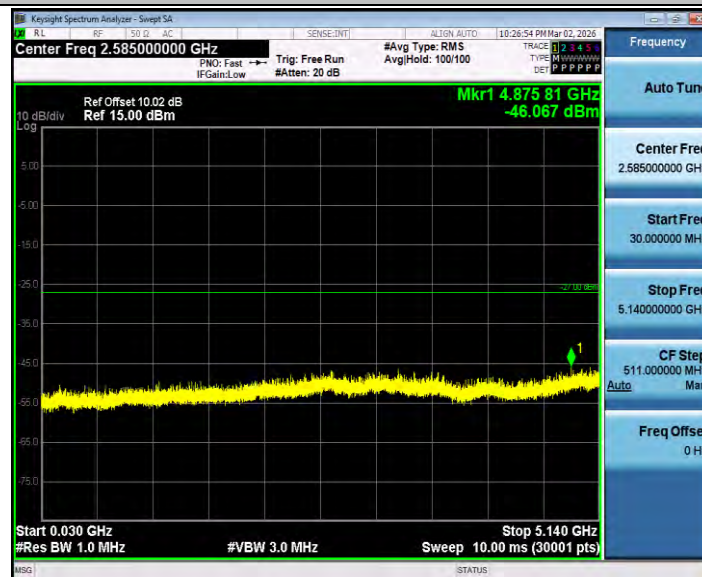
11N20SISO_Ant2_5180_30~5140



11N20SISO_Ant2_5180_5360~27000



11N20SISO_Ant2_5200_30~5140



11N20SISO_Ant2_5200_5360~27000



11N20SISO_Ant2_5240_30~5140



11N20SISO_Ant2_5240_5360~27000



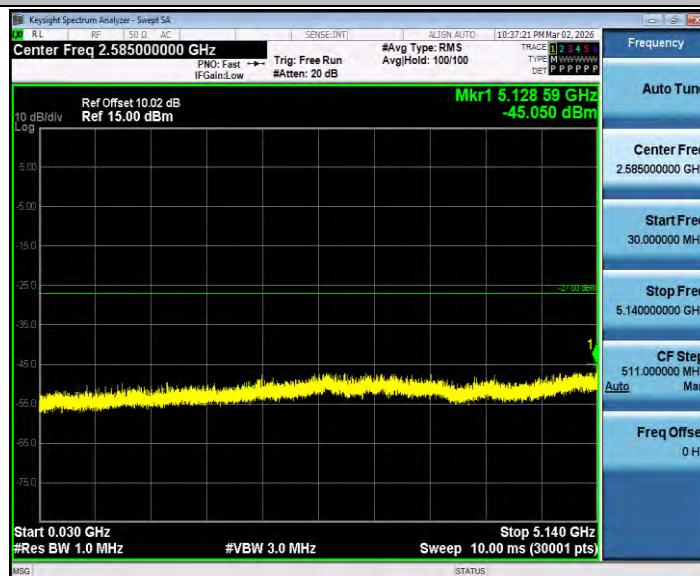
11N40SISO_Ant2_5190_30~5140



11N40SISO_Ant2_5190_5360~27000



11N40SISO_Ant2_5230_30~5140



11N40SISO_Ant2_5230_5360~27000



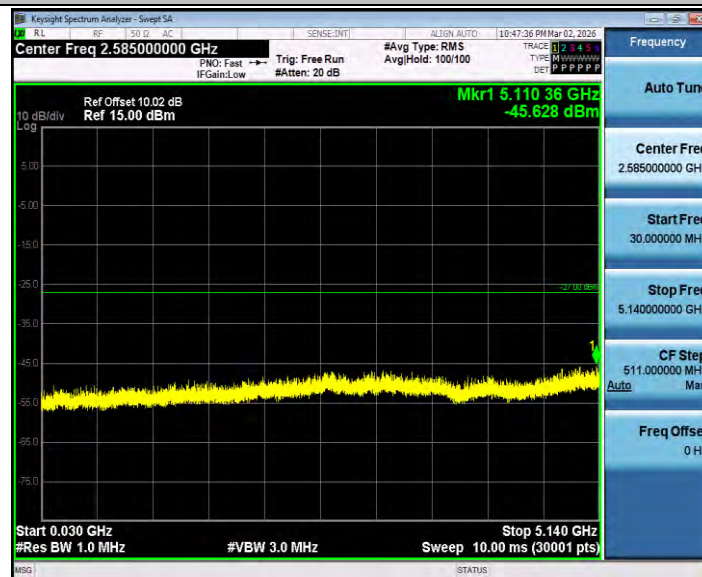
11AC20SISO_Ant2_5180_30~5140



11AC20SISO_Ant2_5180_5360~27000



11AC20SISO_Ant2_5200_30~5140



11AC20SISO_Ant2_5200_5360~27000



11AC20SISO_Ant2_5240_30~5140



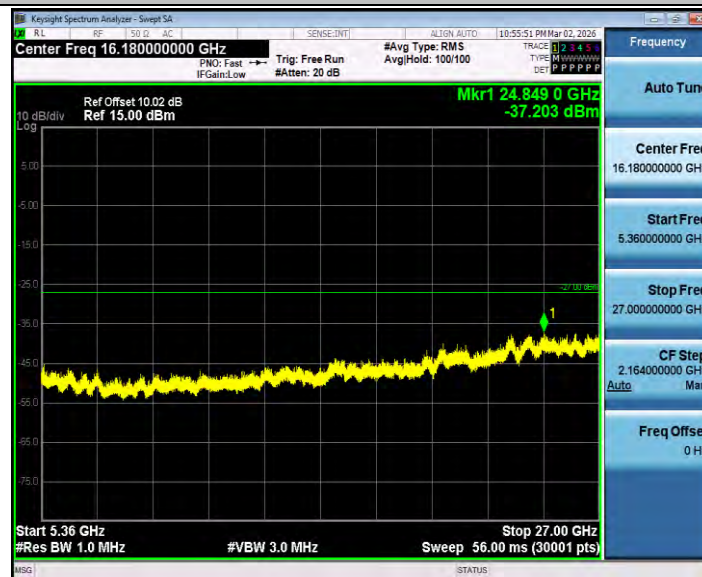
11AC20SISO_Ant2_5240_5360~27000



11AC40SISO_Ant2_5190_30~5140



11AC40SISO_Ant2_5190_5360~27000



11AC40SISO_Ant2_5230_30~5140



