

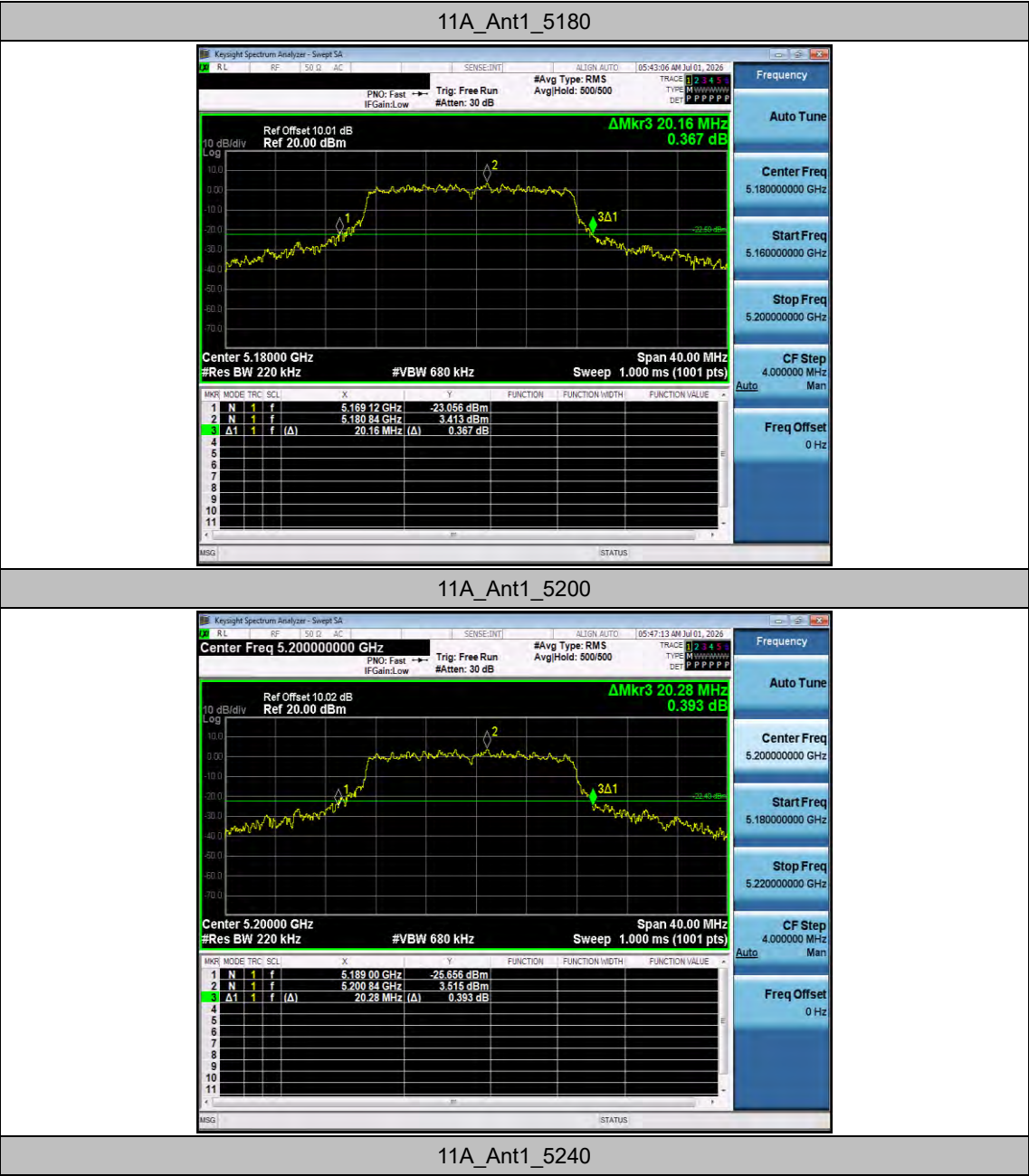
Case No. : <u>GTS20260616002-1-03</u>
Ambient Condition: <u>23</u> °C, <u>52</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.6.29-2026.7.7</u> Test Engineer: <u>Evan ouyang</u>

Appendix C.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.160	5169.120	5189.280	---	---
		5200	20.280	5189.000	5209.280	---	---
		5240	20.080	5229.120	5249.200	---	---
11N20SISO	Ant1	5180	21.040	5168.920	5189.960	---	---
		5200	20.920	5189.280	5210.200	---	---
		5240	21.120	5229.120	5250.240	---	---
11N40SISO	Ant1	5190	39.200	5170.000	5209.200	---	---
		5230	38.960	5210.160	5249.120	---	---
11AC20SISO	Ant1	5180	21.200	5169.040	5190.240	---	---
		5200	21.240	5189.040	5210.280	---	---
		5240	21.040	5229.080	5250.120	---	---
11AC40SISO	Ant1	5190	50.240	5169.120	5219.360	---	---
		5230	42.880	5208.960	5251.840	---	---

Test Graphs





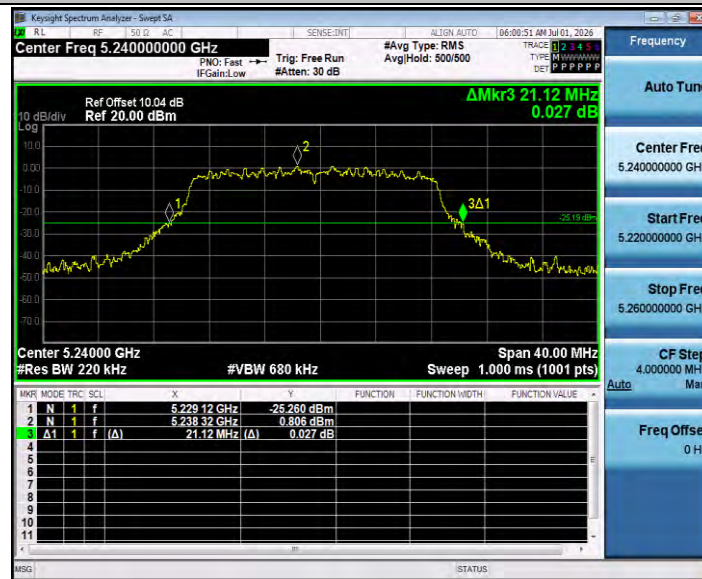
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



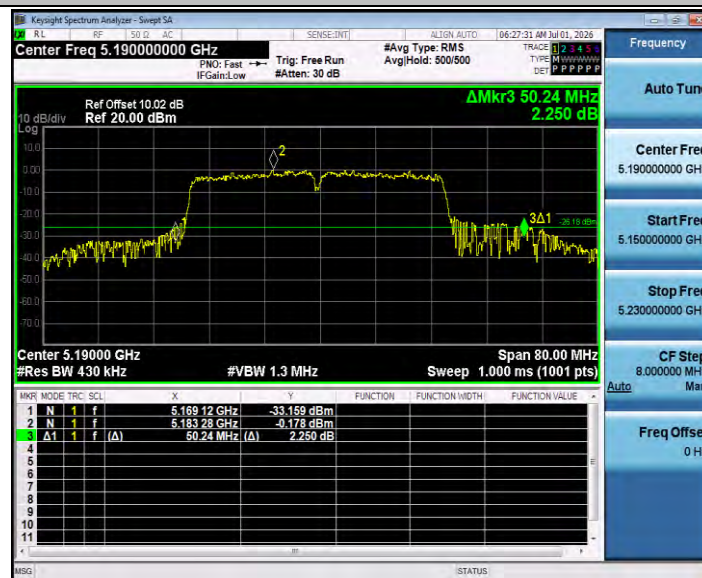
11AC20SISO_Ant1_5200



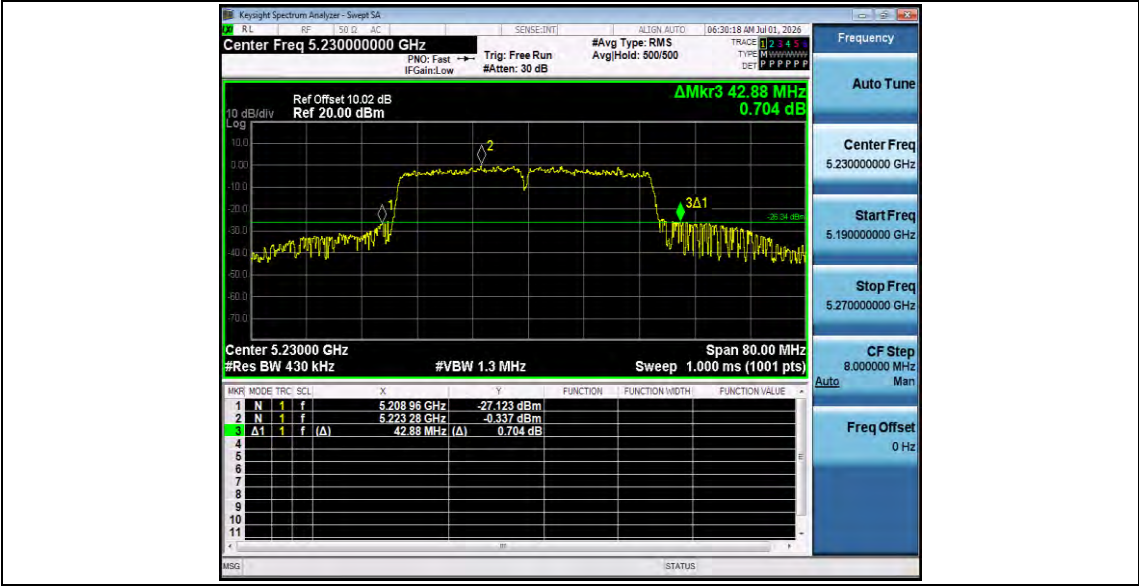
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230

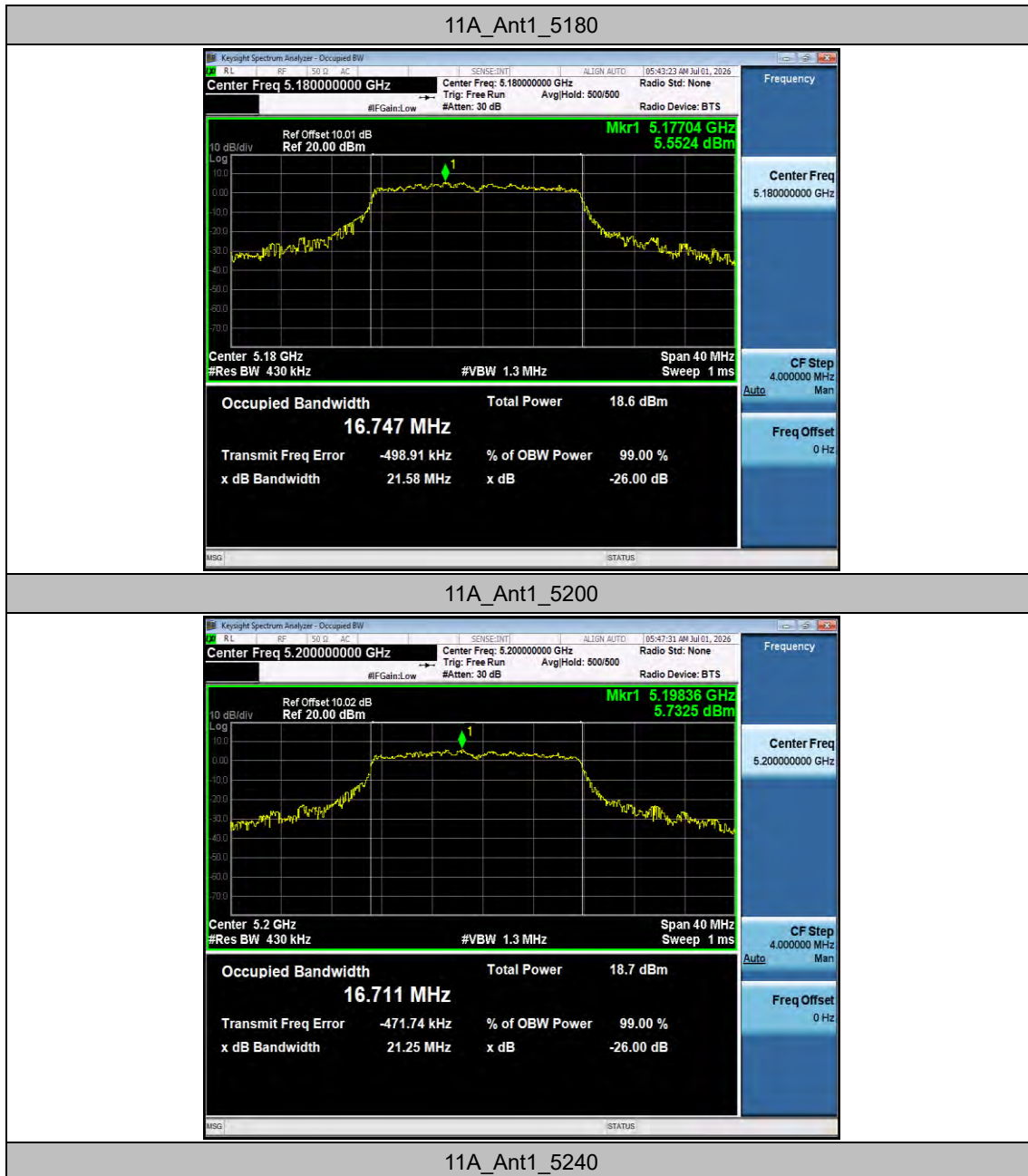


Appendix C.2: Occupied channel bandwidth

Test Result

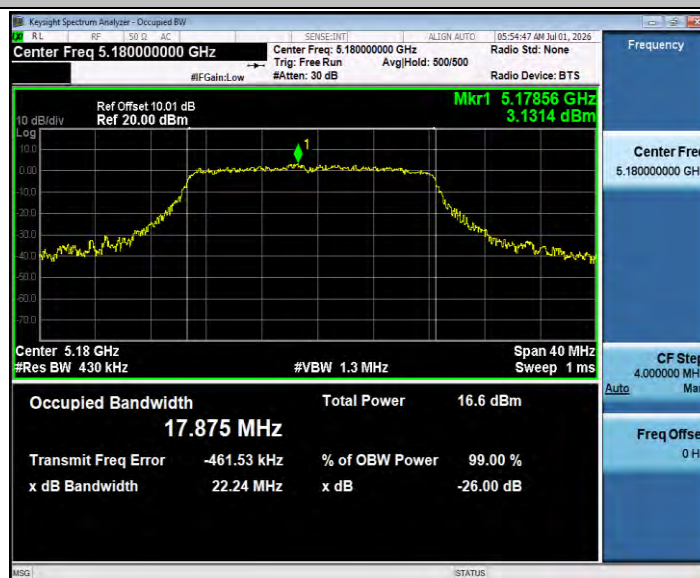
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.747	5171.1276	5187.8746	---	---
		5200	16.711	5191.1728	5207.8838	---	---
		5240	16.679	5231.0988	5247.7778	---	---
11N20SISO	Ant1	5180	17.875	5170.6010	5188.4760	---	---
		5200	17.840	5190.6185	5208.4585	---	---
		5240	17.856	5230.5782	5248.4342	---	---
11N40SISO	Ant1	5190	36.072	5171.6037	5207.6757	---	---
		5230	35.975	5211.6002	5247.5752	---	---
11AC20SISO	Ant1	5180	17.972	5170.6188	5188.5908	---	---
		5200	17.931	5190.5859	5208.5169	---	---
		5240	18.030	5230.5497	5248.5797	---	---
11AC40SISO	Ant1	5190	36.108	5171.6286	5207.7366	---	---
		5230	36.044	5211.5872	5247.6312	---	---

Test Graphs





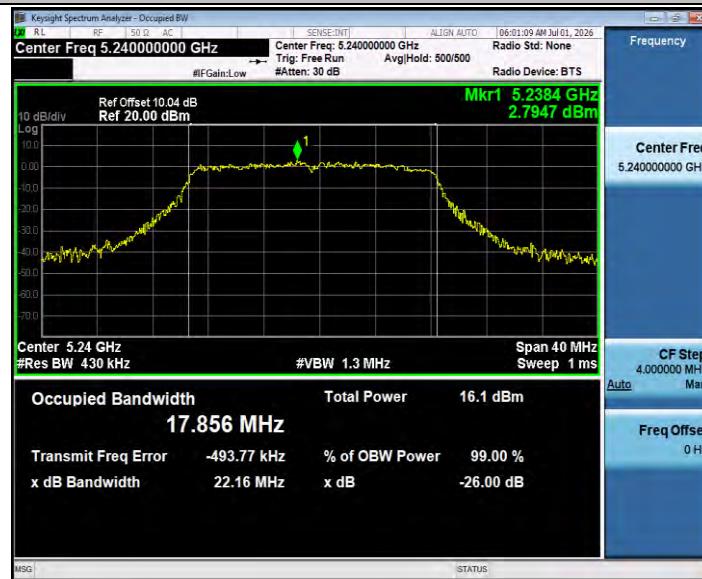
11N20SISO_Ant1_5180



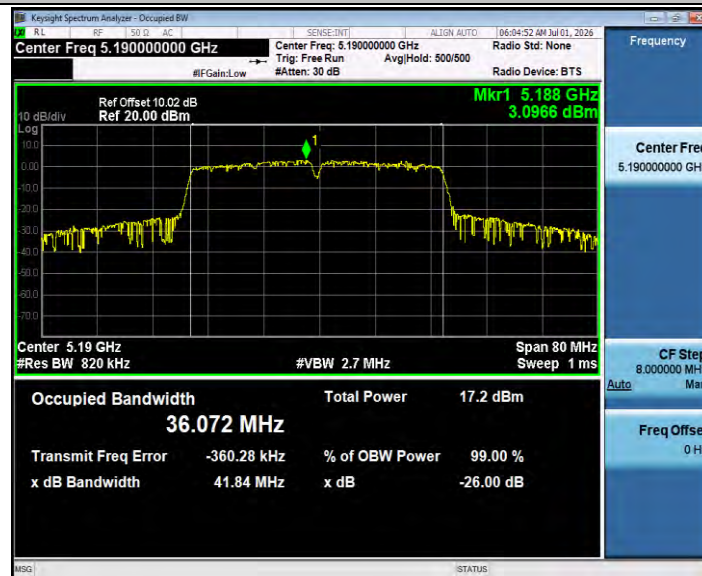
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



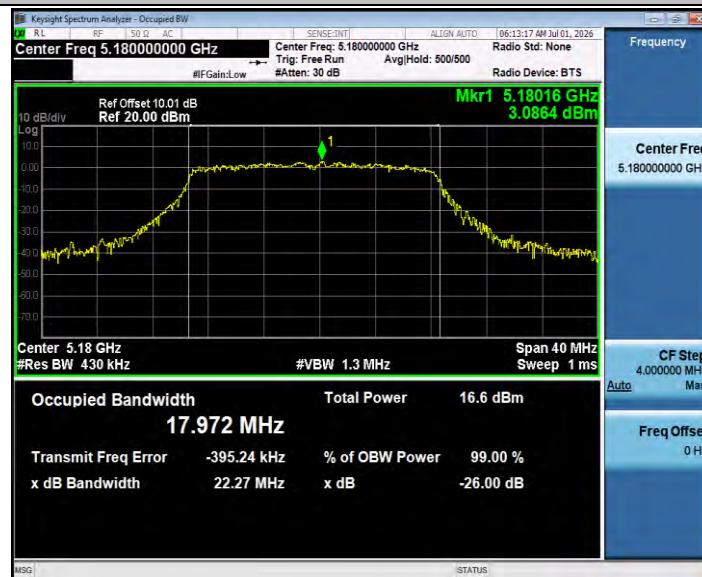
11N40SISO_Ant1_5190



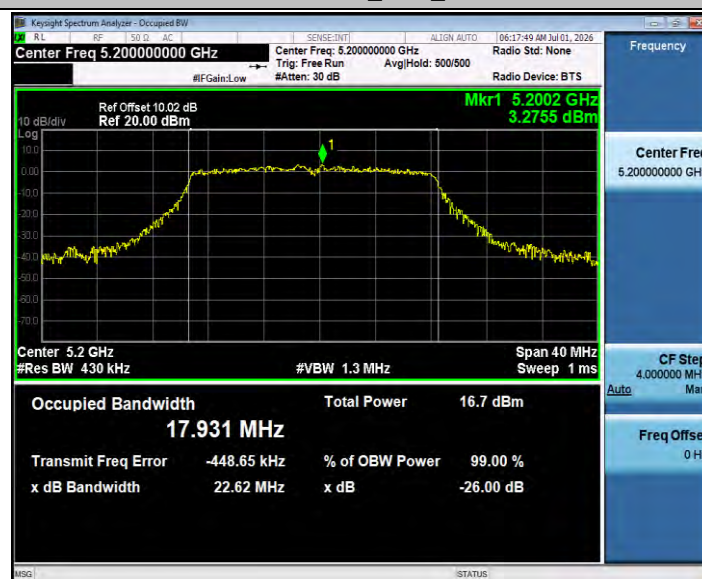
11N40SISO_Ant1_5230



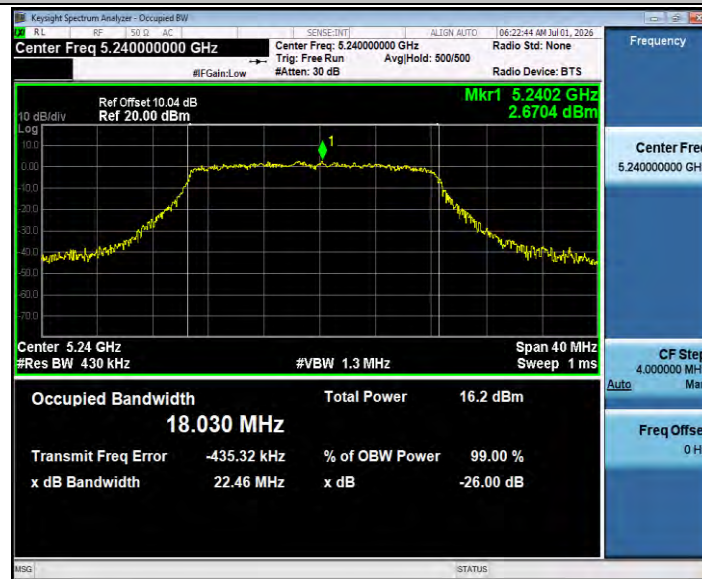
11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



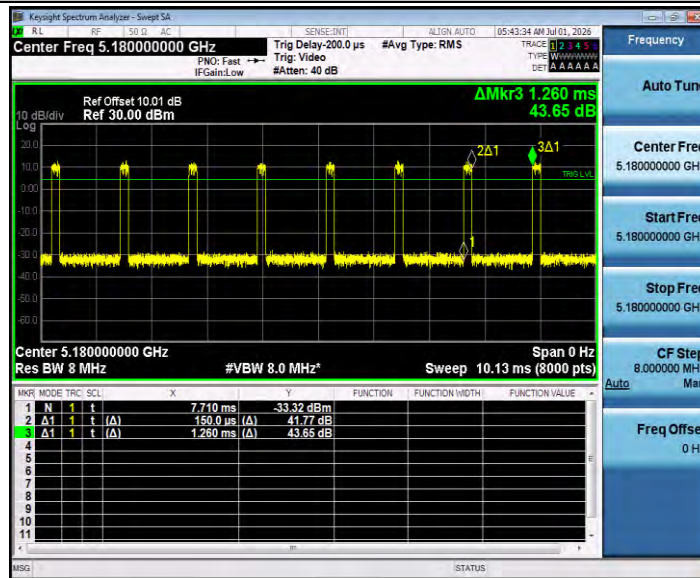
AppendixC.3: Duty Cycle

Test Result

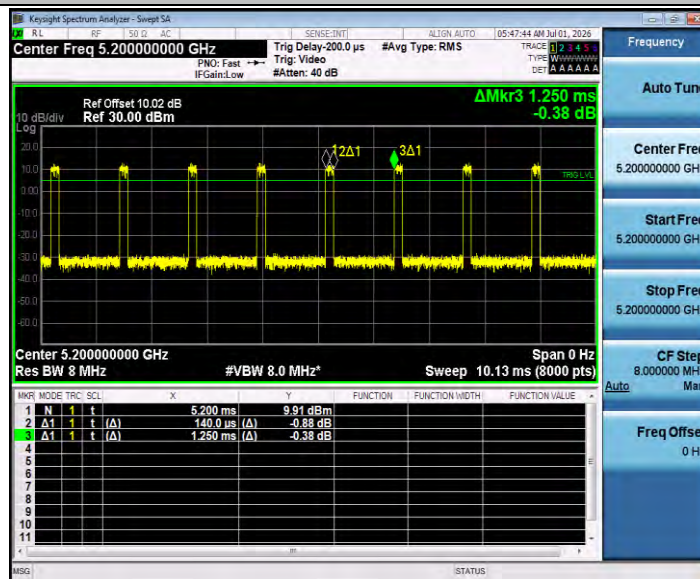
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	0.15	1.26	11.90	9.24	6.67
		5200	0.14	1.25	11.20	9.51	7.14
		5240	0.15	1.26	11.90	9.24	6.67
11N20SISO	Ant1	5180	0.16	1.27	12.60	9.00	6.25
		5200	0.16	1.27	12.60	9.00	6.25
		5240	0.16	1.27	12.60	9.00	6.25
11N40SISO	Ant1	5190	0.16	1.31	12.21	9.13	6.25
		5230	0.16	1.31	12.21	9.13	6.25
11AC20SISO	Ant1	5180	0.17	1.28	13.28	8.77	5.88
		5200	0.17	1.28	13.28	8.77	5.88
		5240	0.17	1.28	13.28	8.77	5.88
11AC40SISO	Ant1	5190	0.17	1.28	13.28	8.77	5.88
		5230	0.17	1.28	13.28	8.77	5.88

Test Graphs

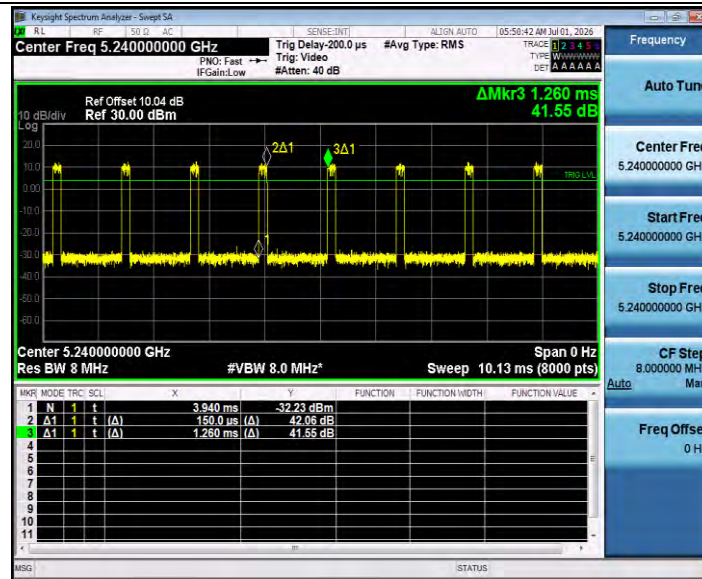
11A_Ant1_5180



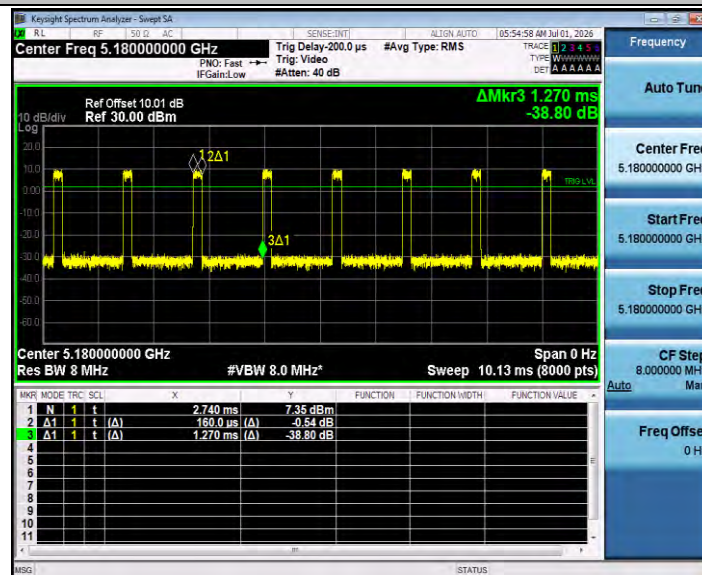
11A_Ant1_5200



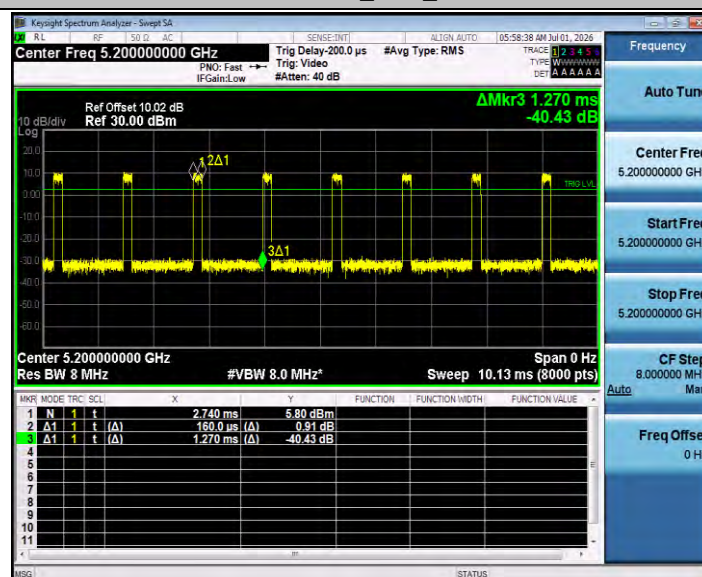
11A_Ant1_5240



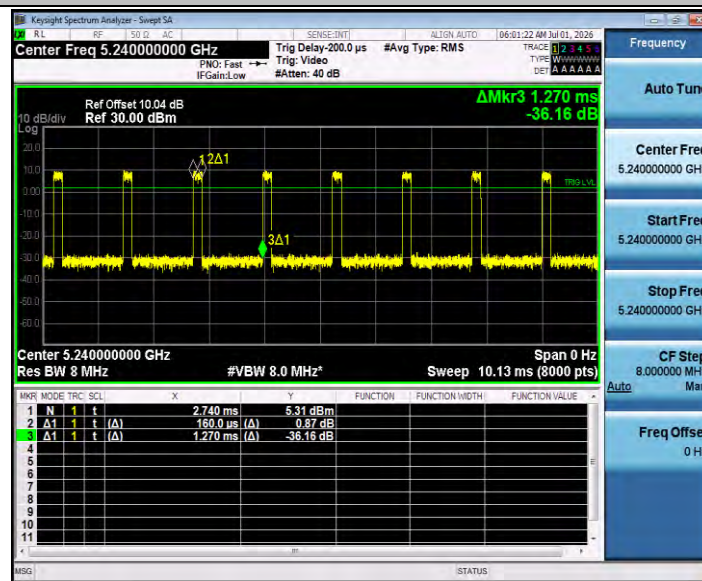
11N20SISO_Ant1_5180



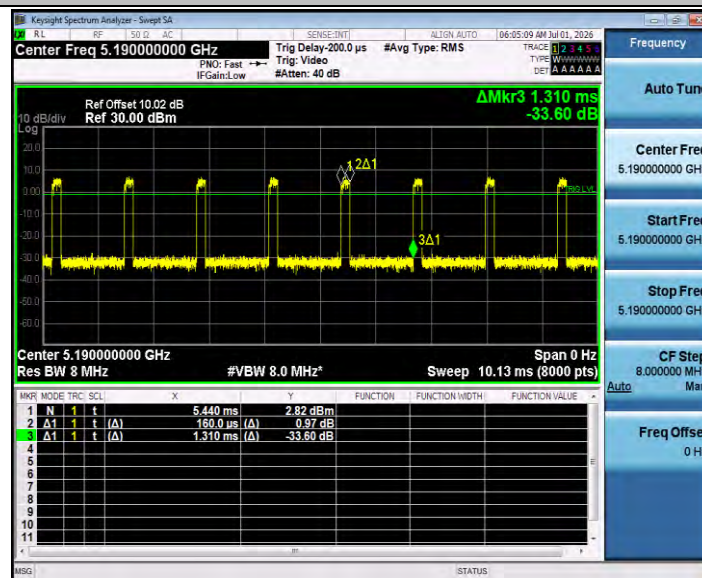
11N20SISO_Ant1_5200



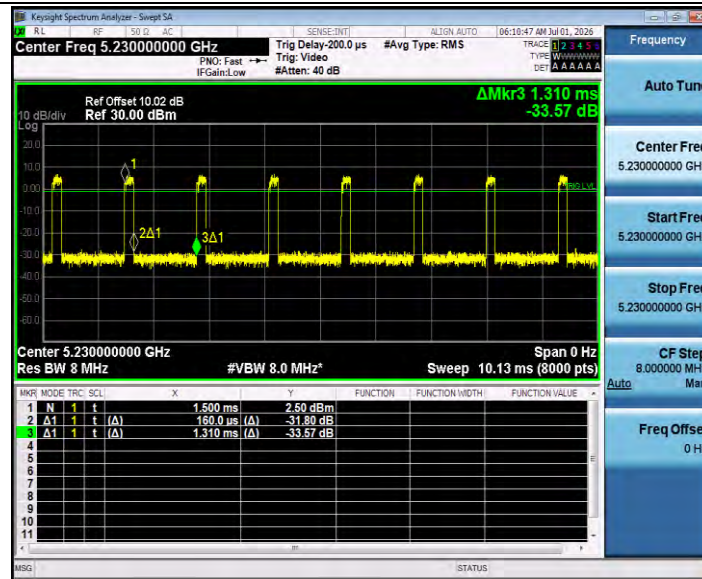
11N20SISO_Ant1_5240



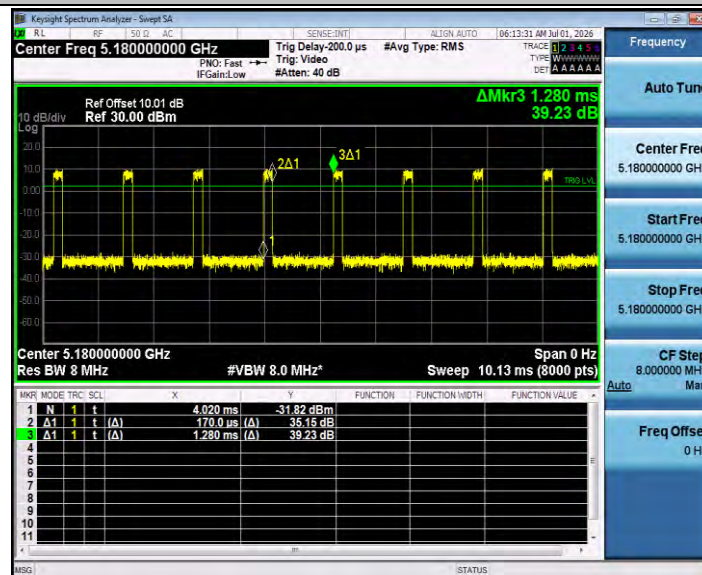
11N40SISO_Ant1_5190



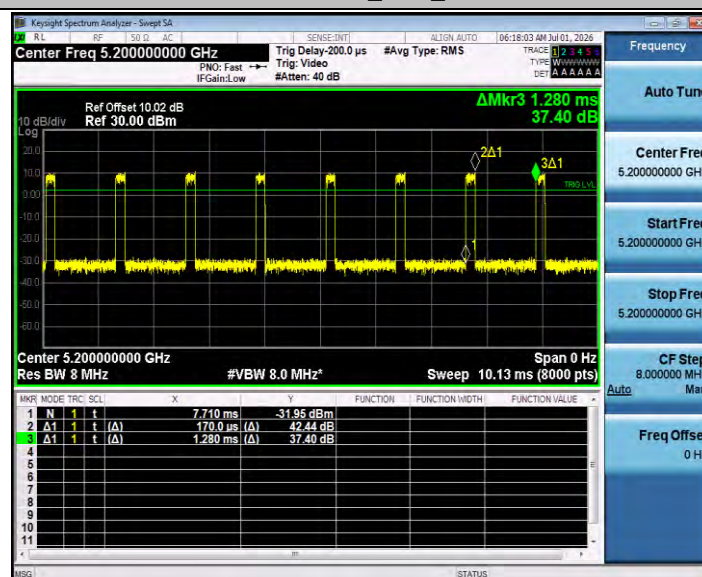
11N40SISO_Ant1_5230



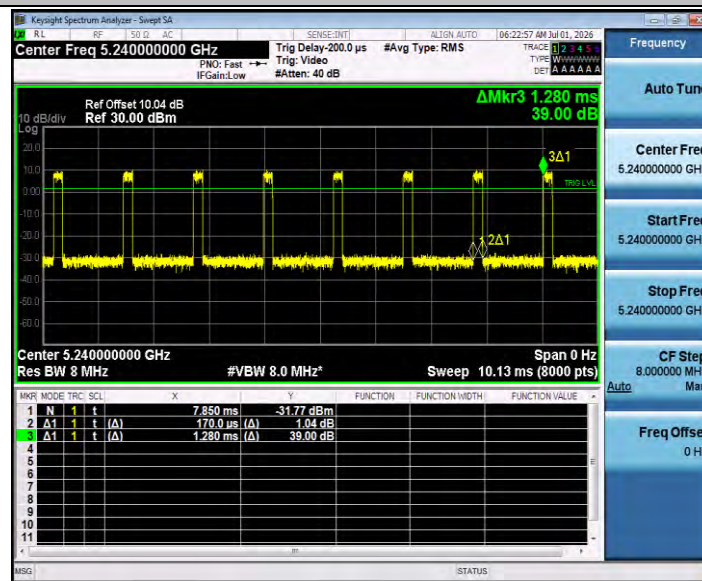
11AC20SISO_Ant1_5180



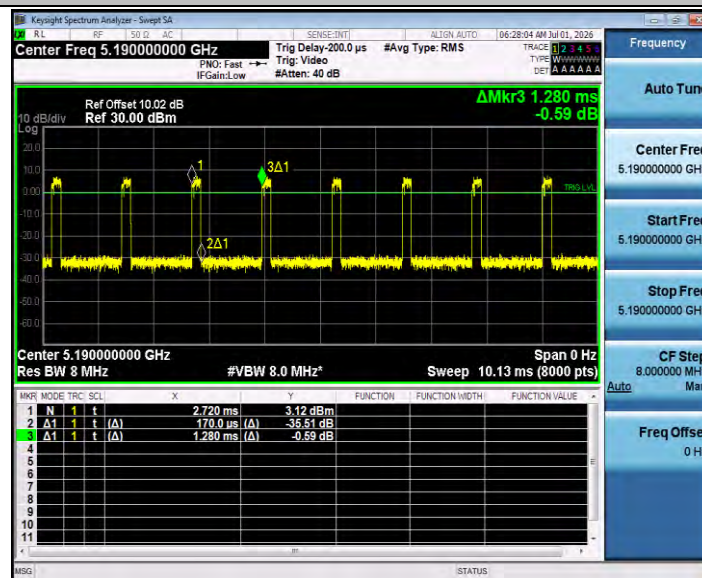
11AC20SISO_Ant1_5200



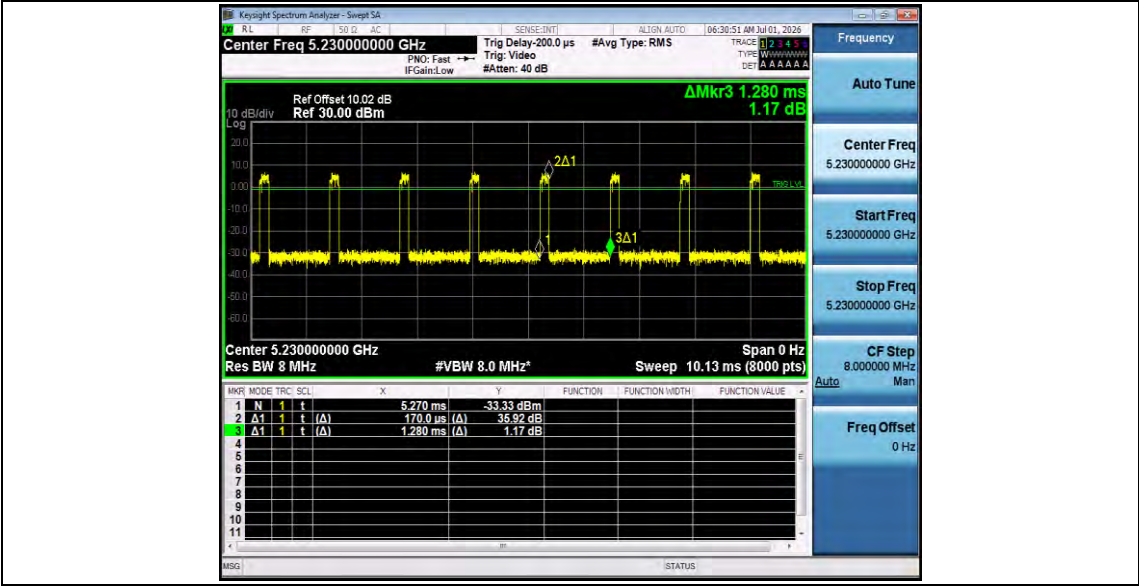
11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



Appendix C.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	Ant1	5180	4.18	11.90	9.24	13.42	≤23.98	PASS
		5200	3.73	11.20	9.51	13.24	≤23.98	PASS
		5240	2.99	11.90	9.24	12.23	≤23.98	PASS
11N20SISO	Ant1	5180	2.04	12.60	9.00	11.04	≤23.98	PASS
		5200	2.18	12.60	9.00	11.18	≤23.98	PASS
		5240	1.59	12.60	9.00	10.59	≤23.98	PASS
11N40SISO	Ant1	5190	1.35	12.21	9.13	10.48	≤23.98	PASS
		5230	1.90	12.21	9.13	11.03	≤23.98	PASS
11AC20SISO	Ant1	5180	2.57	13.28	8.77	11.34	≤23.98	PASS
		5200	2.11	13.28	8.77	10.88	≤23.98	PASS
		5240	2.04	13.28	8.77	10.81	≤23.98	PASS
11AC40SISO	Ant1	5190	2.15	13.28	8.77	10.92	≤23.98	PASS
		5230	1.91	13.28	8.77	10.68	≤23.98	PASS

Appendix C.5: Maximum power spectral density

Test Result

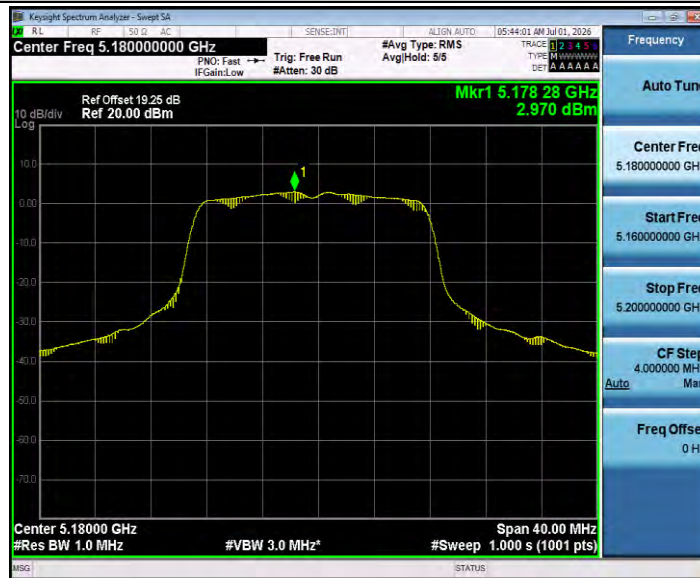
TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	2.97	≤11.00	PASS
		5200	3.51	≤11.00	PASS
		5240	2.55	≤11.00	PASS
11N20SISO	Ant1	5180	1.03	≤11.00	PASS
		5200	1.30	≤11.00	PASS
		5240	0.70	≤11.00	PASS
11N40SISO	Ant1	5190	-1.71	≤11.00	PASS
		5230	-2.09	≤11.00	PASS
11AC20SISO	Ant1	5180	0.77	≤11.00	PASS
		5200	1.06	≤11.00	PASS
		5240	0.51	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.03	≤11.00	PASS
		5230	-2.36	≤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 Factoriscompensatedinthe graph.

Test Graphs

11A_Ant1_5180



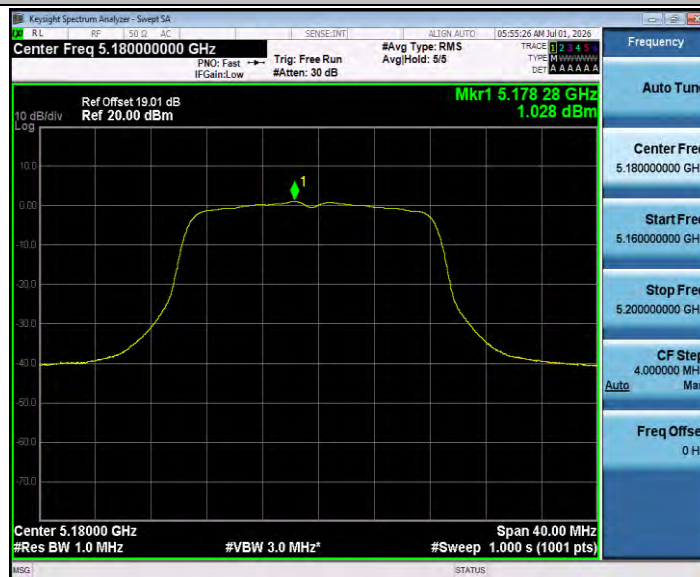
11A_Ant1_5200



11A_Ant1_5240



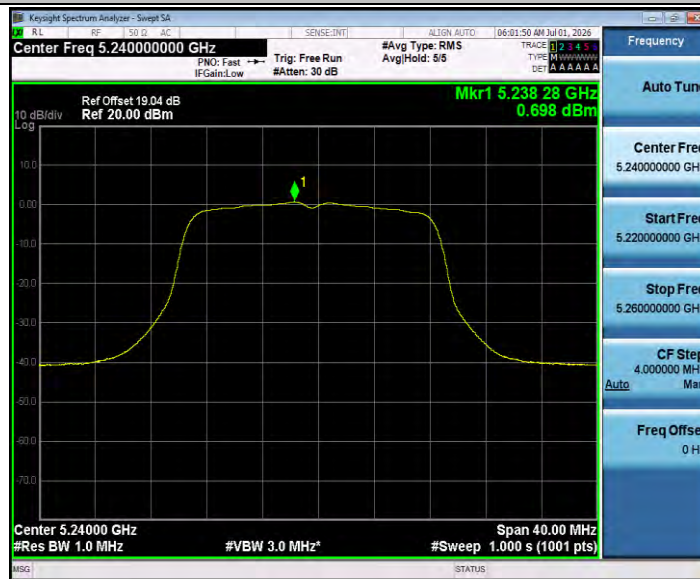
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



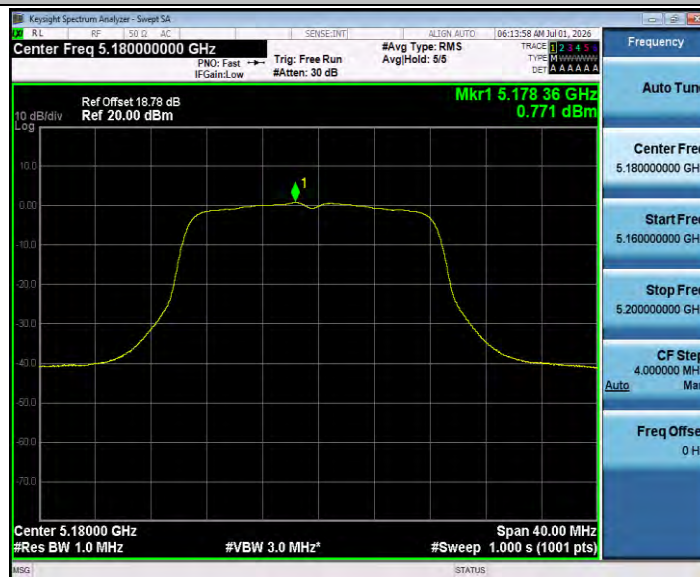
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



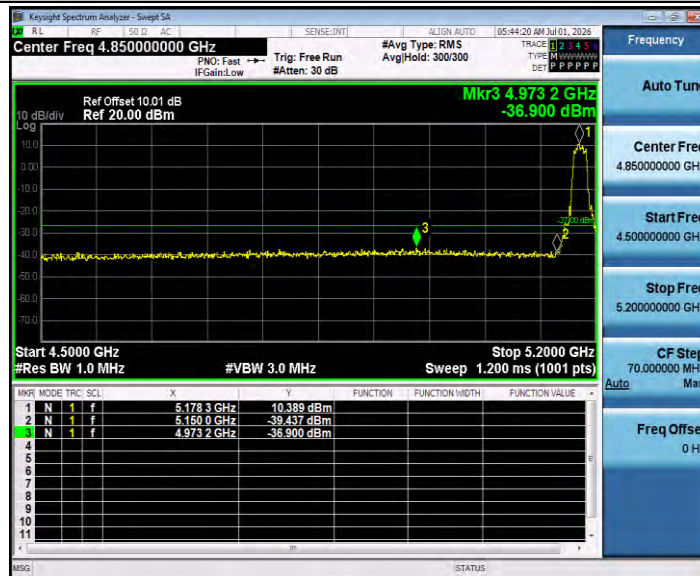
Appendix C.6:Band edge measurements

Test Result B1

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-36.9	≤ -27	PASS
		High	5240	-36.62	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-36.71	≤ -27	PASS
		High	5240	-37.08	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-30.61	≤ -27	PASS
		High	5230	-37.53	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.02	≤ -27	PASS
		High	5240	-37.37	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-35.19	≤ -27	PASS
		High	5230	-37.55	≤ -27	PASS

Test GraphsB1

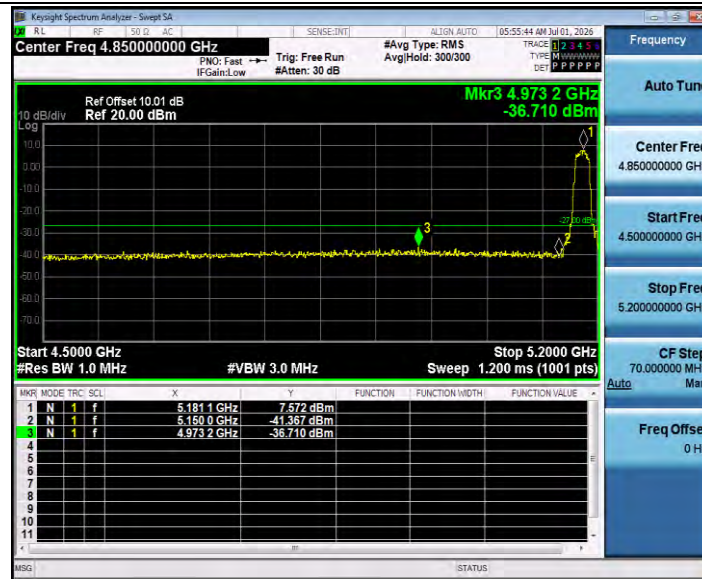
11A_Ant1_Low_5180



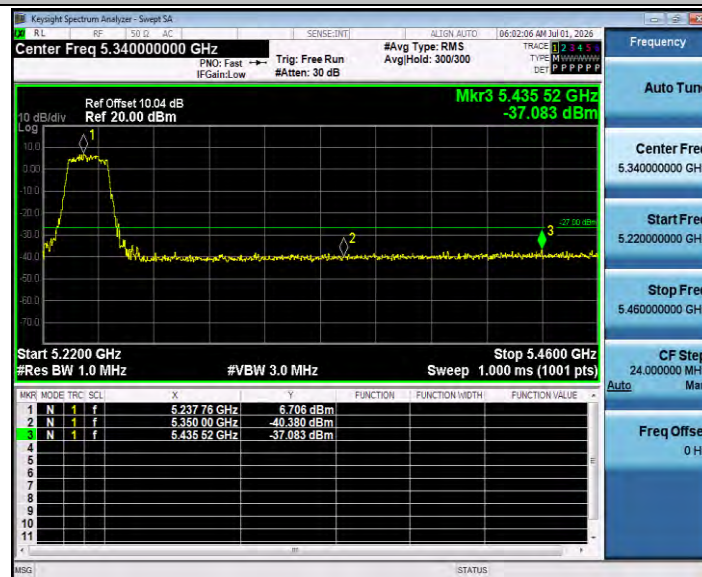
11A_Ant1_High_5240



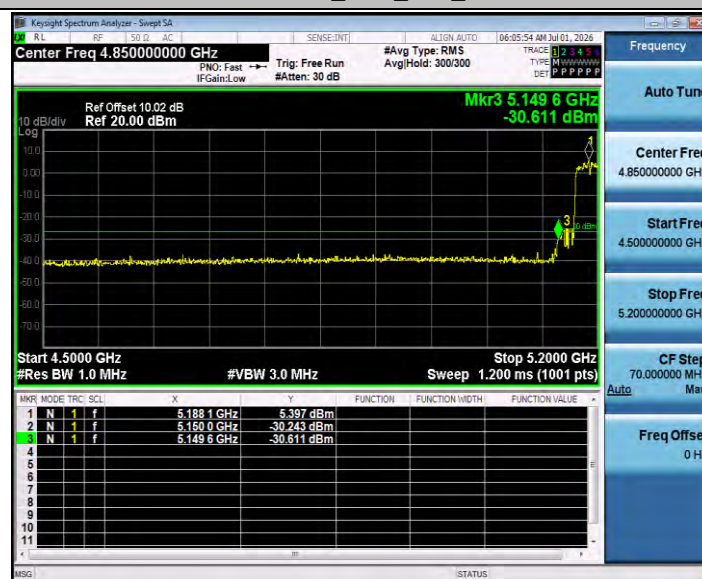
11N20SISO_Ant1_Low_5180



11N20SISO_Ant1_High_5240



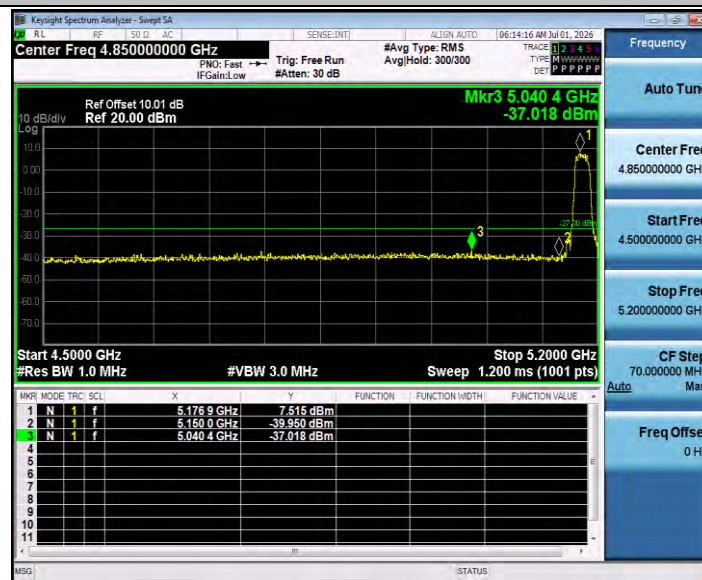
11N40SISO_Ant1_Low_5190



11N40SISO_Ant1_High_5230



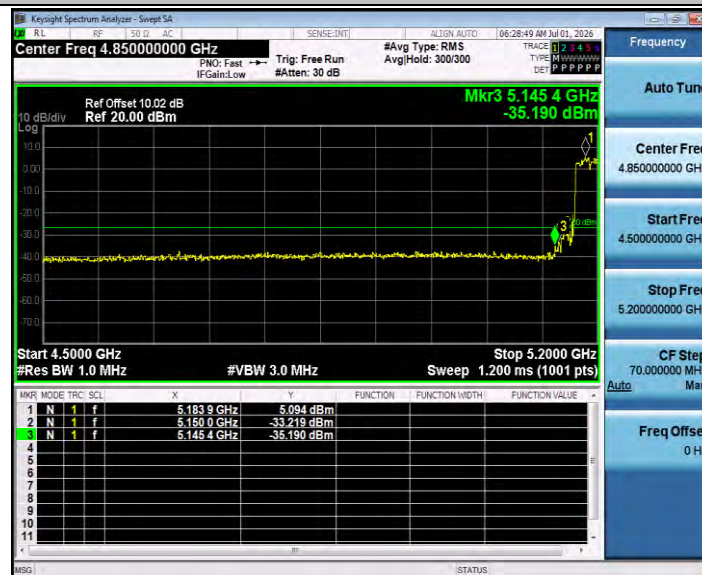
11AC20SISO_Ant1_Low_5180



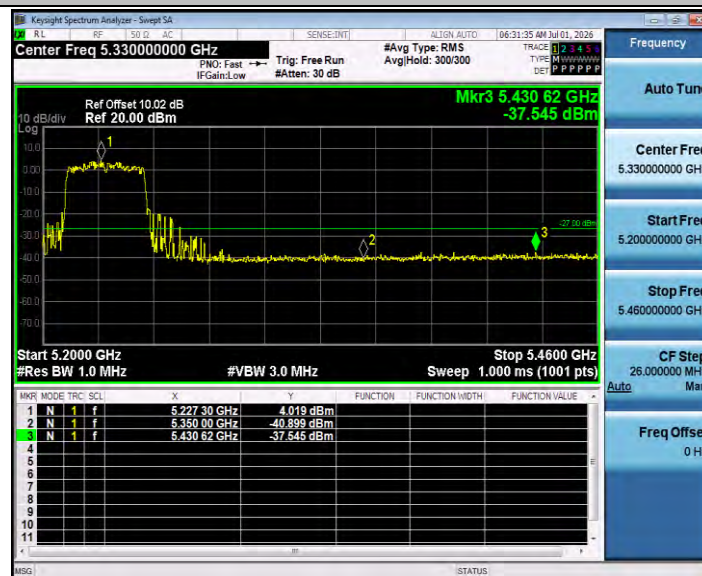
11AC20SISO_Ant1_High_5240



11AC40SISO_Ant1_Low_5190



11AC40SISO_Ant1_High_5230



Appendix C.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	2446.01	-45.16	≤-27	PASS
			5360~27000	25224.8	-37.07	≤-27	PASS
		5200	30~5140	3018.5	-46.53	≤-27	PASS
			5360~27000	24142.8	-36.73	≤-27	PASS
		5240	30~5140	2637.46	-46.14	≤-27	PASS
			5360~27000	26062.99	-36.88	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	4906.3	-45.89	≤-27	PASS
			5360~27000	26509.49	-37.03	≤-27	PASS
		5200	30~5140	2666.25	-46.21	≤-27	PASS
			5360~27000	24307.98	-36.92	≤-27	PASS
		5240	30~5140	2420.63	-45	≤-27	PASS
			5360~27000	25040.14	-36.23	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5138.81	-43.99	≤-27	PASS
			5360~27000	24291.39	-36.97	≤-27	PASS
		5230	30~5140	1758.88	-44.63	≤-27	PASS
			5360~27000	25022.1	-36.63	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	2423.52	-45.56	≤-27	PASS
			5360~27000	26044.95	-36.16	≤-27	PASS
		5200	30~5140	2423.52	-44.04	≤-27	PASS
			5360~27000	23505.86	-37.26	≤-27	PASS
		5240	30~5140	2420.63	-43.43	≤-27	PASS
			5360~27000	24832.39	-37.02	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5136.08	-38.15	≤-27	PASS
			5360~27000	23590.26	-37.08	≤-27	PASS
		5230	30~5140	2423.86	-43.91	≤-27	PASS
			5360~27000	24823.02	-37.06	≤-27	PASS

Test Graphs

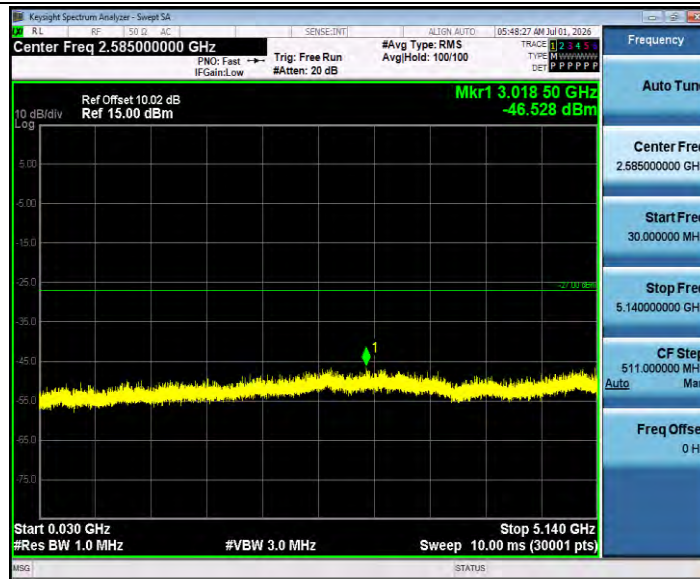
11A_Ant1_5180_30~5140



11A_Ant1_5180_5360~27000



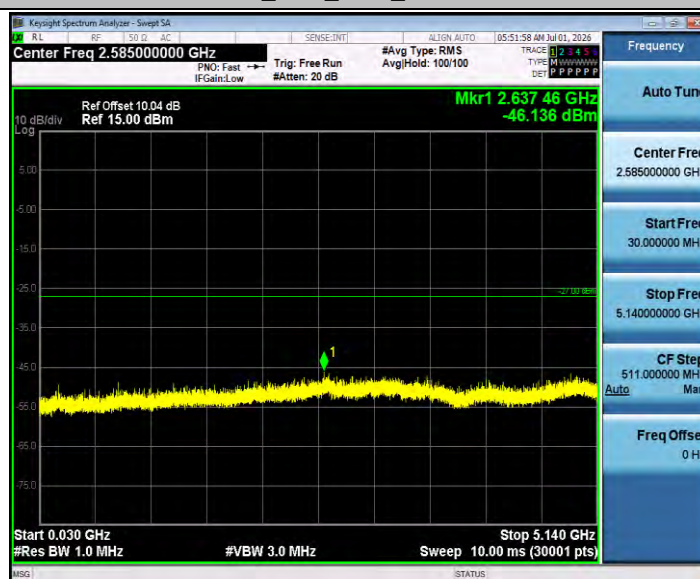
11A_Ant1_5200_30~5140



11A_Ant1_5200_5360~27000



11A_Ant1_5240_30~5140



11A_Ant1_5240_5360~27000



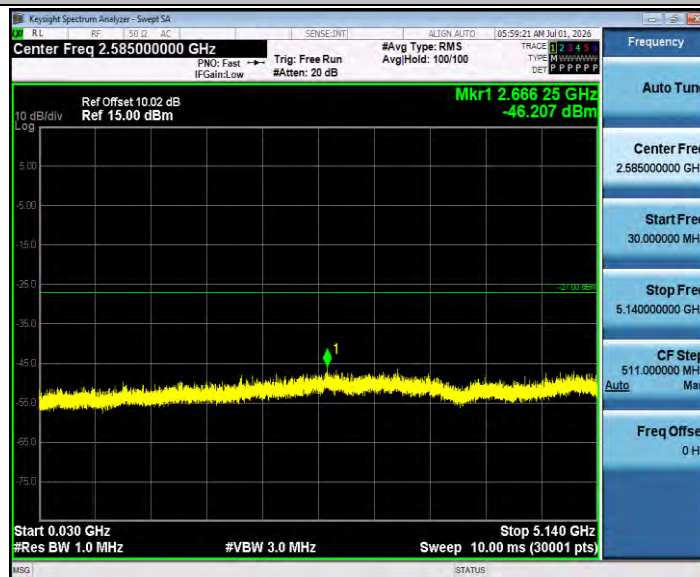
11N20SISO_Ant1_5180_30~5140



11N20SISO_Ant1_5180_5360~27000



11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~27000



11N20SISO_Ant1_5240_30~5140



11N20SISO_Ant1_5240_5360~27000



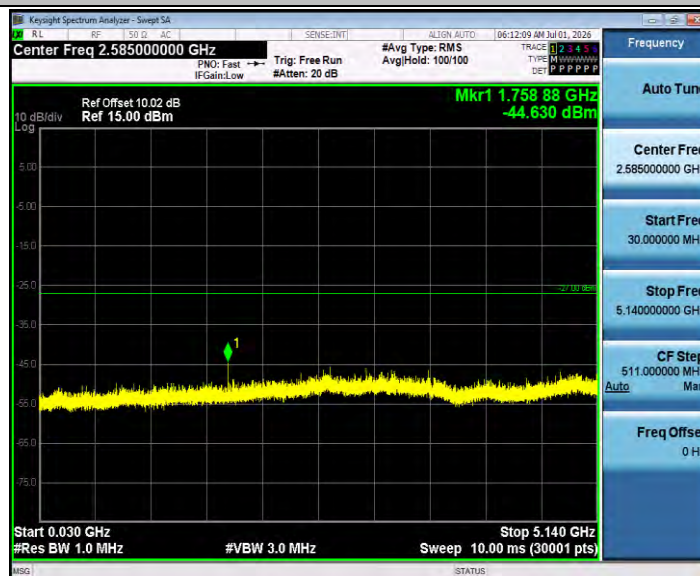
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~27000



11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~27000



11AC20SISO_Ant1_5180_30~5140



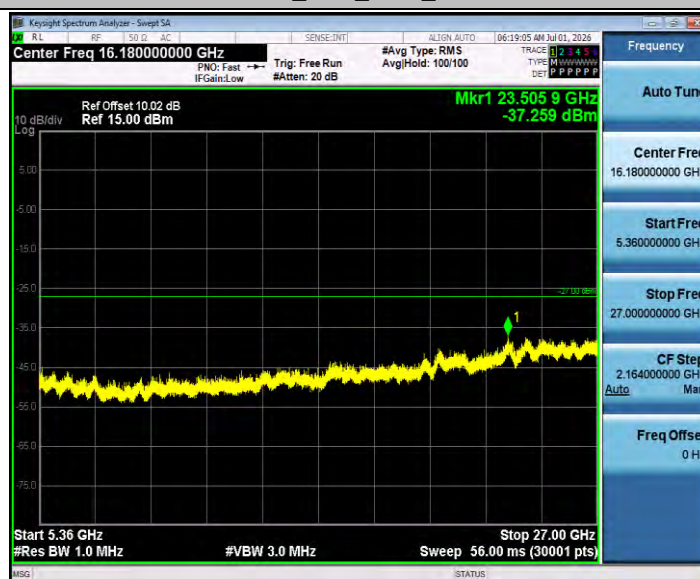
11AC20SISO_Ant1_5180_5360~27000



11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~27000



11AC20SISO_Ant1_5240_30~5140



11AC20SISO_Ant1_5240_5360~27000



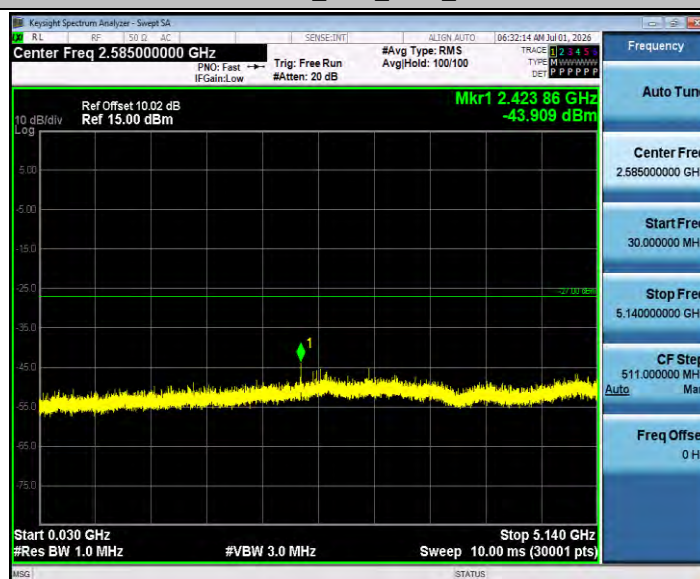
11AC40SISO_Ant1_5190_30~5140

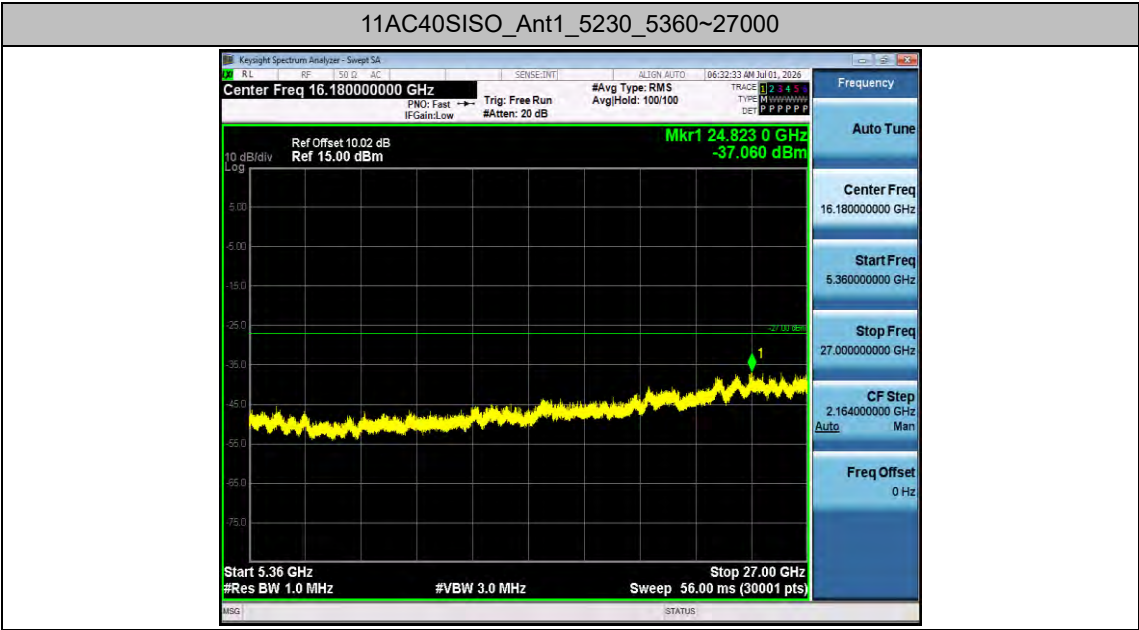


11AC40SISO_Ant1_5190_5360~27000



11AC40SISO_Ant1_5230_30~5140





Appendix C.8:Emissions in Restricted Bands

Test Result

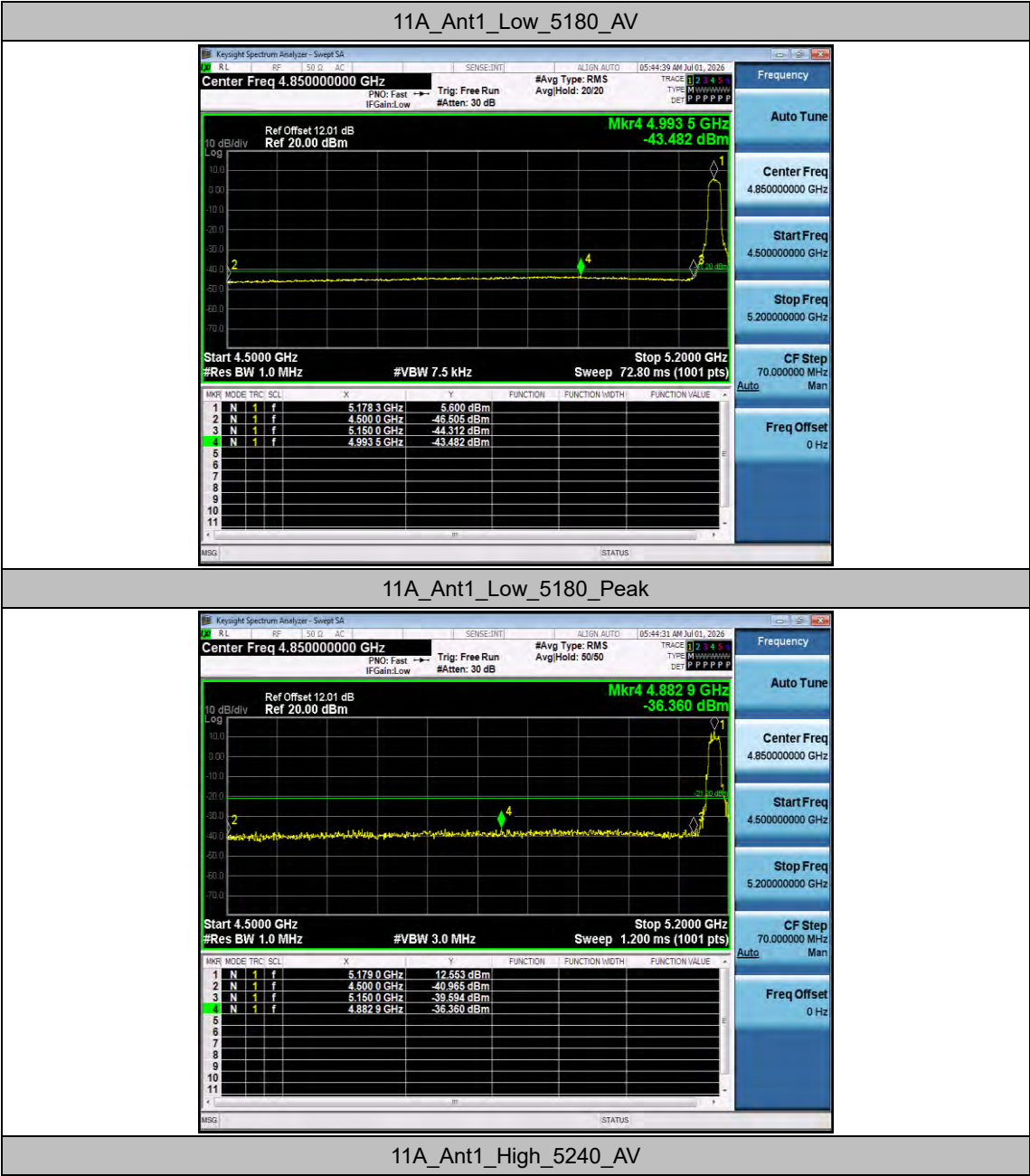
TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-46.51	≤-41.20	48.69	≤54	PASS
				AV	4993.500	-43.48	≤-41.20	51.72	≤54	PASS
				AV	5150.000	-44.31	≤-41.20	50.89	≤54	PASS
				Peak	4500.000	-40.97	≤-21.20	54.23	≤74	PASS
				Peak	4882.900	-36.36	≤-21.20	58.84	≤74	PASS
				Peak	5150.000	-39.59	≤-21.20	55.61	≤74	PASS
		High	5240	AV	5350.000	-45.48	≤-41.20	49.72	≤54	PASS
				AV	5443.920	-43.26	≤-41.20	51.94	≤54	PASS
				AV	5460.000	-44.77	≤-41.20	50.43	≤54	PASS
				Peak	5350.000	-41.2	≤-21.20	54.00	≤74	PASS
				Peak	5438.160	-35.37	≤-21.20	59.83	≤74	PASS
				Peak	5460.000	-37.52	≤-21.20	57.68	≤74	PASS
11N20SIS O	Ant1	Low	5180	AV	4500.000	-46.42	≤-41.20	48.78	≤54	PASS
				AV	4931.900	-43.46	≤-41.20	51.74	≤54	PASS
				AV	5150.000	-45.37	≤-41.20	49.83	≤54	PASS
				Peak	4500.000	-39.95	≤-21.20	55.25	≤74	PASS
				Peak	4613.400	-35.2	≤-21.20	60.00	≤74	PASS
				Peak	5150.000	-38.82	≤-21.20	56.38	≤74	PASS
		High	5240	AV	5350.000	-44.98	≤-41.20	50.22	≤54	PASS
				AV	5448.240	-43.42	≤-41.20	51.78	≤54	PASS
				AV	5460.000	-44.4	≤-41.20	50.80	≤54	PASS
				Peak	5350.000	-39.57	≤-21.20	55.63	≤74	PASS
				Peak	5428.560	-35.58	≤-21.20	59.62	≤74	PASS
				Peak	5460.000	-37.15	≤-21.20	58.05	≤74	PASS
11N40SIS O	Ant1	Low	5190	AV	4500.000	-46.38	≤-41.20	48.82	≤54	PASS
				AV	5148.200	-42.77	≤-41.20	52.43	≤54	PASS
				AV	5150.000	-41.89	≤-41.20	53.31	≤54	PASS
				Peak	4500.000	-39.72	≤-21.20	55.48	≤74	PASS
				Peak	5149.600	-33.34	≤-21.20	61.86	≤74	PASS
				Peak	5150.000	-34.18	≤-21.20	61.02	≤74	PASS
		High	5230	AV	5350.000	-45.29	≤-41.20	49.91	≤54	PASS
				AV	5430.620	-43.83	≤-41.20	51.37	≤54	PASS
				AV	5460.000	-44.67	≤-41.20	50.53	≤54	PASS
				Peak	5350.000	-38.49	≤-21.20	56.71	≤74	PASS
				Peak	5450.640	-34.75	≤-21.20	60.45	≤74	PASS
				Peak	5460.000	-37.58	≤-21.20	57.62	≤74	PASS

11AC20SI SO	Ant1	Low	5180	AV	4500.000	-46.12	≤ -41.20	49.08	≤ 54	PASS
				AV	4946.600	-43.58	≤ -41.20	51.62	≤ 54	PASS
				AV	5150.000	-45.06	≤ -41.20	50.14	≤ 54	PASS
				Peak	4500.000	-39.66	≤ -21.20	55.54	≤ 74	PASS
				Peak	4916.500	-34.84	≤ -21.20	60.36	≤ 74	PASS
				Peak	5150.000	-39.61	≤ -21.20	55.59	≤ 74	PASS
		High	5240	AV	5350.000	-45.29	≤ -41.20	49.91	≤ 54	PASS
				AV	5420.400	-43.68	≤ -41.20	51.52	≤ 54	PASS
				AV	5460.000	-44.51	≤ -41.20	50.69	≤ 54	PASS
				Peak	5350.000	-38.6	≤ -21.20	56.60	≤ 74	PASS
				Peak	5457.360	-34.86	≤ -21.20	60.34	≤ 74	PASS
				Peak	5460.000	-38.43	≤ -21.20	56.77	≤ 74	PASS
11AC40SI SO	Ant1	Low	5190	AV	4500.000	-46.38	≤ -41.20	48.82	≤ 54	PASS
				AV	5148.200	-42.77	≤ -41.20	52.43	≤ 54	PASS
				AV	5150.000	-41.89	≤ -41.20	53.31	≤ 54	PASS
				Peak	4500.000	-38.84	≤ -21.20	56.36	≤ 74	PASS
				Peak	5148.900	-32.96	≤ -21.20	62.24	≤ 74	PASS
				Peak	5150.000	-35.35	≤ -21.20	59.85	≤ 74	PASS
		High	5230	AV	5350.000	-45.49	≤ -41.20	49.71	≤ 54	PASS
				AV	5454.800	-43.71	≤ -41.20	51.49	≤ 54	PASS
				AV	5460.000	-44.15	≤ -41.20	51.05	≤ 54	PASS
				Peak	5350.000	-38.84	≤ -21.20	56.36	≤ 74	PASS
				Peak	5433.220	-34.82	≤ -21.20	60.38	≤ 74	PASS
				Peak	5460.000	-38.34	≤ -21.20	56.86	≤ 74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs





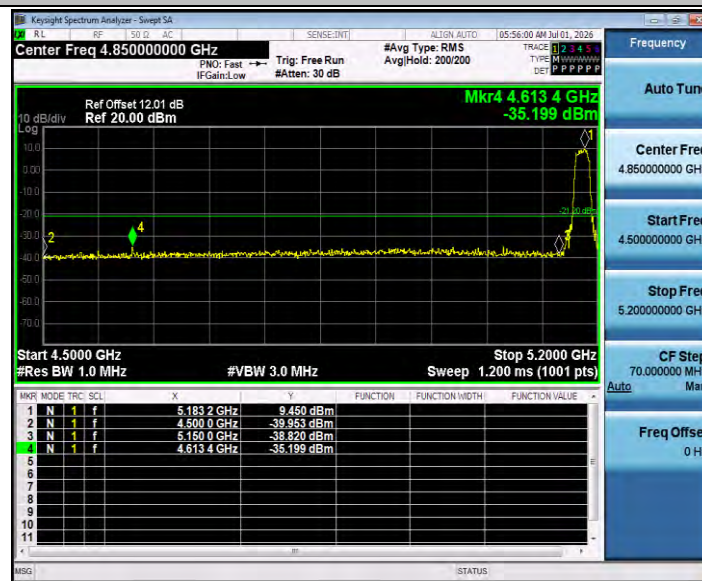
11A_Ant1_High_5240_Peak



11N20SISO_Ant1_Low_5180_AV



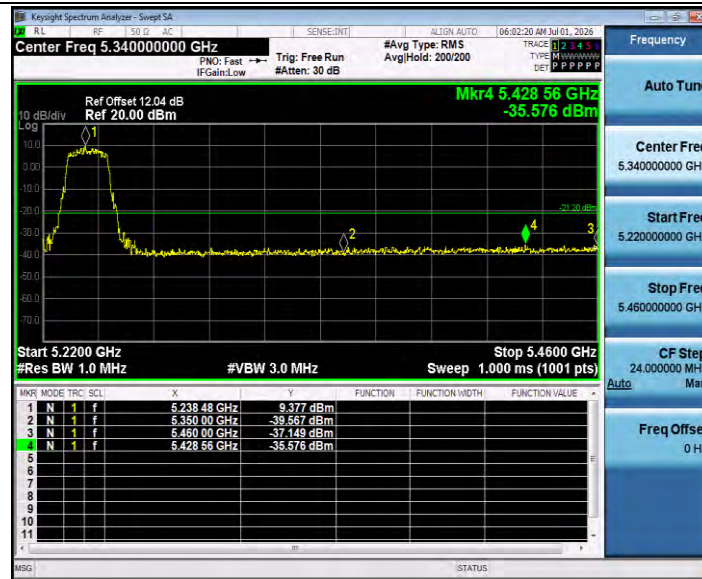
11N20SISO_Ant1_Low_5180_Peak



11N20SISO_Ant1_High_5240_AV



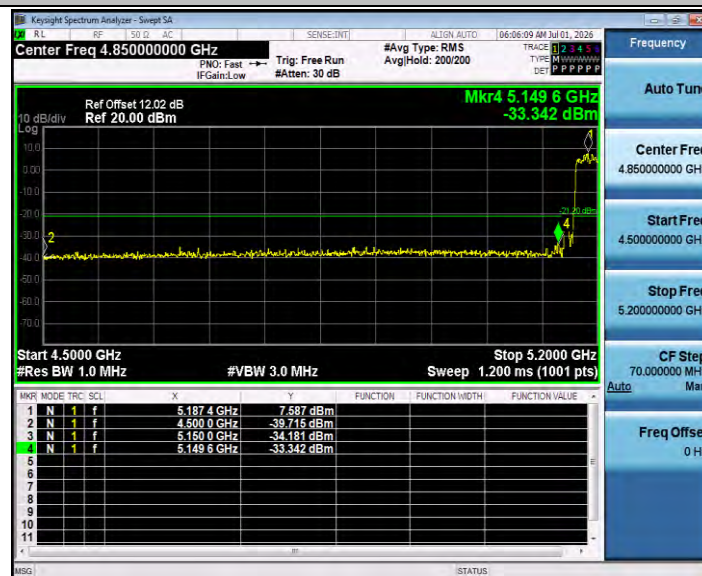
11N20SISO_Ant1_High_5240_Peak



11N40SISO_Ant1_Low_5190_AV



11N40SISO_Ant1_Low_5190_Peak



11N40SISO_Ant1_High_5230_AV



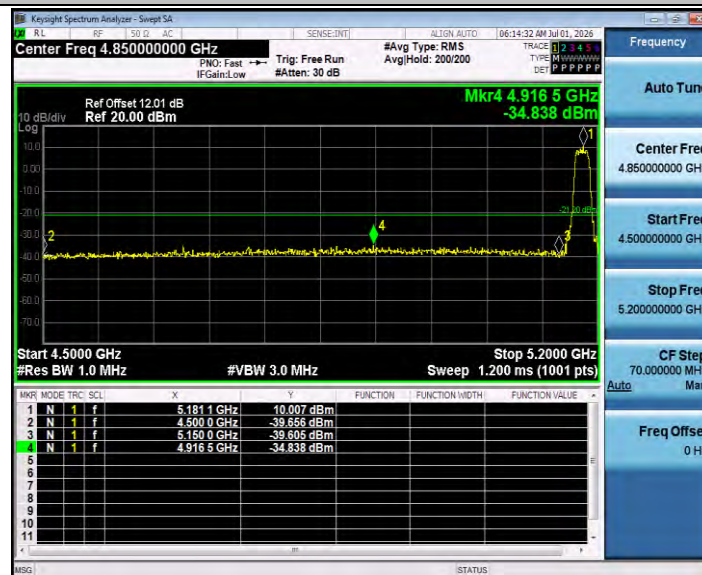
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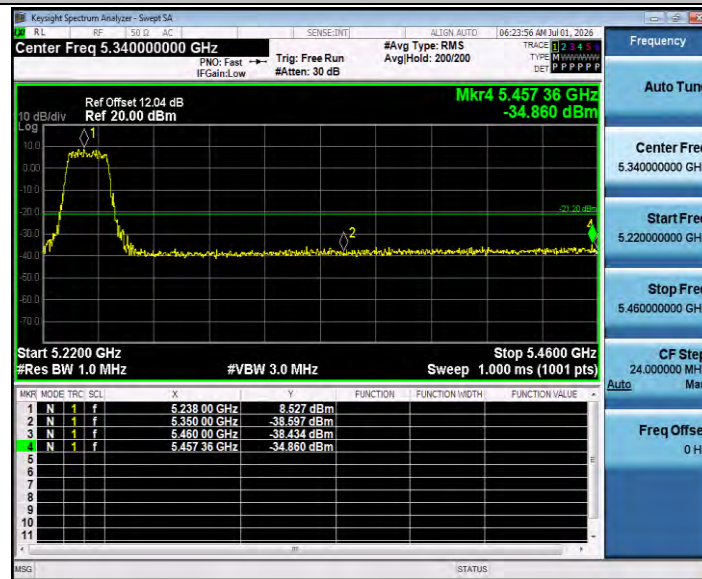
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11AC20SISO_Ant1_High_5240_AV



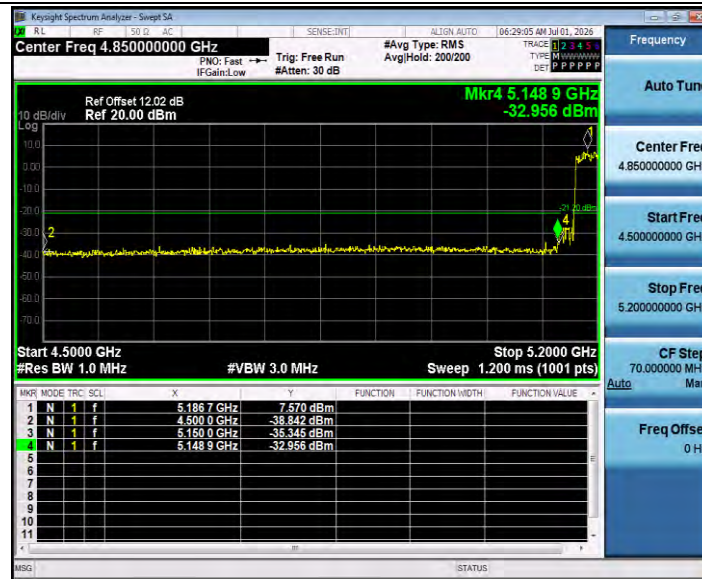
11AC20SISO_Ant1_High_5240_Peak



11AC40SISO_Ant1_Low_5190_AV



11AC40SISO_Ant1_Low_5190_Peak



11AC40SISO_Ant1_High_5230_AV



11AC40SISO_Ant1_High_5230_Peak

