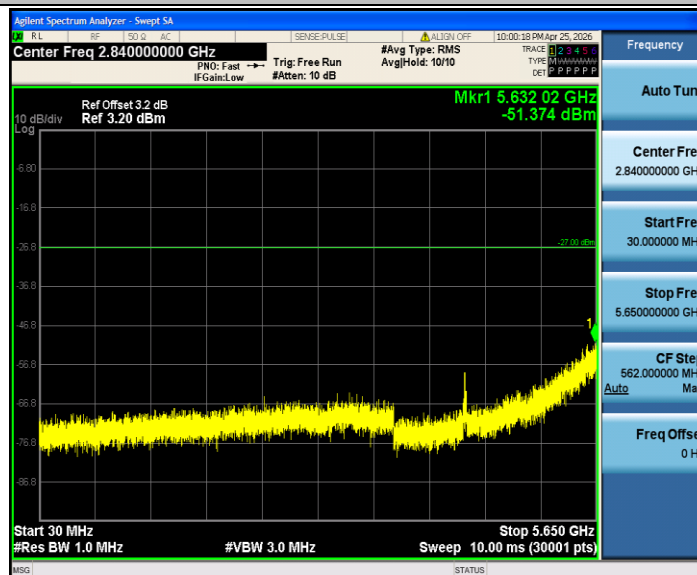
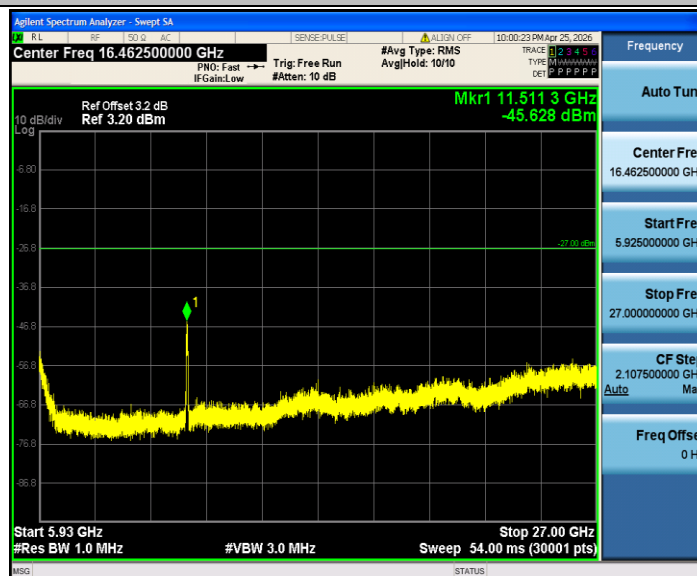




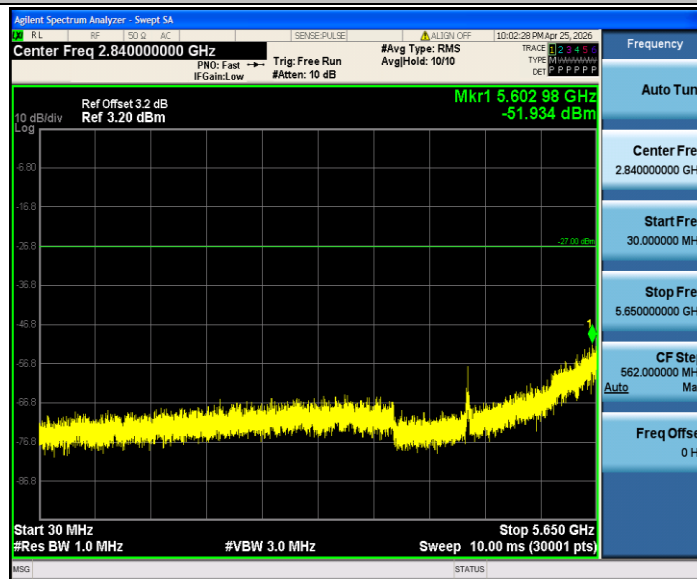
11AX40SISO_Ant1_5755_30~5650



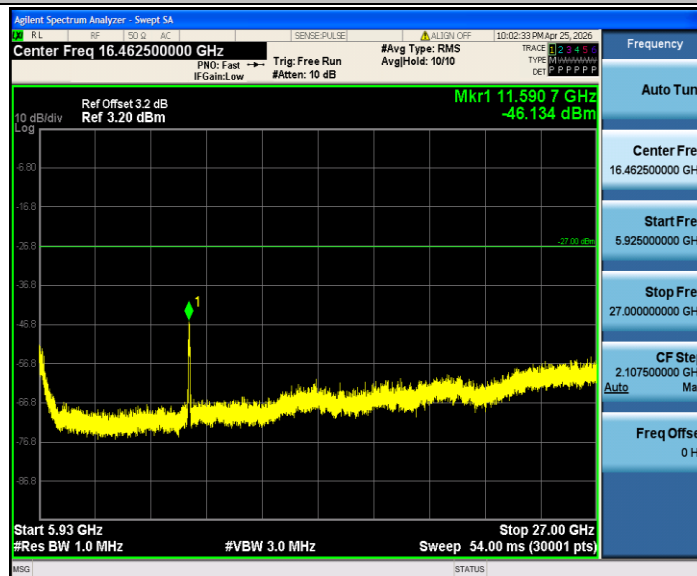
11AX40SISO_Ant1_5755_5925~40000



11AX40SISO_Ant1_5795_30~5650



11AX40SISO_Ant1_5795_5925~40000



Appendix G Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	EIRP [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-62	2.00	1.33	-58.67	≤-41.20	PASS
				AV	5141.900	-54.41	2.00	1.33	-51.08	≤-41.20	PASS
				AV	5150.000	-54.67	2.00	1.33	-51.34	≤-41.20	PASS
				Peak	4500.000	-53.81	2.00	0.00	-51.81	≤-27.00	PASS
				Peak	5146.100	-43.62	2.00	0.00	-41.62	≤-27.00	PASS
				Peak	5150.000	-45.48	2.00	0.00	-43.48	≤-27.00	PASS
		High	5240	AV	5350.000	-58.62	2.00	1.25	-55.37	≤-41.20	PASS
				AV	5353.680	-57.58	2.00	1.25	-54.33	≤-41.20	PASS
				AV	5460.000	-59.54	2.00	1.25	-56.29	≤-41.20	PASS
				Peak	5350.000	-50.5	2.00	0.00	-48.5	≤-27.00	PASS
				Peak	5359.680	-47.29	2.00	0.00	-45.29	≤-27.00	PASS
				Peak	5460.000	-51.55	2.00	0.00	-49.55	≤-27.00	PASS
		Low	5745	Peak	5650.000	-50.294	2.00	0.00	-48.294	≤-27.00	PASS
				Peak	5700.000	-48.41	2.00	0.00	-46.41	≤10.00	PASS
				Peak	5720.000	-47.76	2.00	0.00	-45.76	≤15.60	PASS
				Peak	5725.000	-41.25	2.00	0.00	-39.25	≤27.00	PASS
		High	5825	Peak	5850.000	-44.373	2.00	0.00	-42.373	≤27.00	PASS
				Peak	5855.000	-46.24	2.00	0.00	-44.24	≤15.60	PASS
				Peak	5875.000	-49.15	2.00	0.00	-47.15	≤10.00	PASS
				Peak	5925.000	-50.62	2.00	0.00	-48.62	≤-27.00	PASS
11N20SI SO	Ant1	Low	5180	AV	4500.000	-61.7	2.00	1.06	-58.64	≤-41.20	PASS
				AV	5142.600	-53.94	2.00	1.06	-50.88	≤-41.20	PASS
				AV	5150.000	-54.63	2.00	1.06	-51.57	≤-41.20	PASS
				Peak	4500.000	-53.56	2.00	0.00	-51.56	≤-27.00	PASS
				Peak	5148.900	-43.9	2.00	0.00	-41.9	≤-27.00	PASS
				Peak	5150.000	-44.27	2.00	0.00	-42.27	≤-27.00	PASS
		High	5240	AV	5350.000	-58.16	2.00	1.06	-55.1	≤-41.20	PASS
				AV	5357.040	-57.56	2.00	1.06	-54.5	≤-41.20	PASS
				AV	5460.000	-59.16	2.00	1.06	-56.1	≤-41.20	PASS
				Peak	5350.000	-49.18	2.00	0.00	-47.18	≤-27.00	PASS
				Peak	5353.680	-46.21	2.00	0.00	-44.21	≤-27.00	PASS
				Peak	5460.000	-50.23	2.00	0.00	-48.23	≤-27.00	PASS
		Low	5745	Peak	5650.000	-48.322	2.00	0.00	-46.322	≤-27.00	PASS
				Peak	5700.000	-47.58	2.00	0.00	-45.58	≤10.00	PASS
				Peak	5720.000	-44.75	2.00	0.00	-42.75	≤15.60	PASS
				Peak	5725.000	-39.17	2.00	0.00	-37.17	≤27.00	PASS

		High	5825	Peak	5850.000	-38.549	2.00	0.00	-36.549	≤27.00	PASS
				Peak	5855.000	-46.6	2.00	0.00	-44.6	≤15.60	PASS
				Peak	5875.000	-49.56	2.00	0.00	-47.56	≤10.00	PASS
				Peak	5925.000	-50.64	2.00	0.00	-48.64	≤-27.00	PASS
11N40SI SO	Ant1	Low	5190	AV	4500.000	-61.87	2.00	0.87	-59	≤-41.20	PASS
				AV	5149.600	-50.9	2.00	0.87	-48.03	≤-41.20	PASS
				AV	5150.000	-50.99	2.00	0.87	-48.12	≤-41.20	PASS
				Peak	4500.000	-52.7	2.00	0.00	-50.7	≤-27.00	PASS
				Peak	5146.100	-40.86	2.00	0.00	-38.86	≤-27.00	PASS
				Peak	5150.000	-41.63	2.00	0.00	-39.63	≤-27.00	PASS
		High	5230	AV	5350.000	-58.01	2.00	1.06	-54.95	≤-41.20	PASS
				AV	5356.260	-57.3	2.00	1.06	-54.24	≤-41.20	PASS
				AV	5460.000	-58.95	2.00	1.06	-55.89	≤-41.20	PASS
				Peak	5350.000	-48.83	2.00	0.00	-46.83	≤-27.00	PASS
				Peak	5351.320	-46.9	2.00	0.00	-44.9	≤-27.00	PASS
				Peak	5460.000	-47.76	2.00	0.00	-45.76	≤-27.00	PASS
		Low	5755	Peak	5650.000	-49.566	2.00	0.00	-47.566	≤-27.00	PASS
				Peak	5700.000	-47.02	2.00	0.00	-45.02	≤10.00	PASS
				Peak	5720.000	-38.09	2.00	0.00	-36.09	≤15.60	PASS
				Peak	5725.000	-36.51	2.00	0.00	-34.51	≤27.00	PASS
		High	5795	Peak	5850.000	-42.774	2.00	0.00	-40.774	≤27.00	PASS
				Peak	5855.000	-44.99	2.00	0.00	-42.99	≤15.60	PASS
				Peak	5875.000	-48.7	2.00	0.00	-46.7	≤10.00	PASS
				Peak	5925.000	-50.12	2.00	0.00	-48.12	≤-27.00	PASS
11AC20S ISO	Ant1	Low	5180	AV	4500.000	-61.9	2.00	0.76	-59.14	≤-41.20	PASS
				AV	5143.300	-53.34	2.00	0.76	-50.58	≤-41.20	PASS
				AV	5150.000	-53.76	2.00	0.76	-51	≤-41.20	PASS
				Peak	4500.000	-52.88	2.00	0.00	-50.88	≤-27.00	PASS
				Peak	5140.500	-43.67	2.00	0.00	-41.67	≤-27.00	PASS
				Peak	5150.000	-44.52	2.00	0.00	-42.52	≤-27.00	PASS
		High	5240	AV	5350.000	-58.29	2.00	0.76	-55.53	≤-41.20	PASS
				AV	5358.960	-57.56	2.00	0.76	-54.8	≤-41.20	PASS
				AV	5460.000	-58.96	2.00	0.76	-56.2	≤-41.20	PASS
				Peak	5350.000	-47.54	2.00	0.00	-45.54	≤-27.00	PASS
				Peak	5364.480	-47.38	2.00	0.00	-45.38	≤-27.00	PASS
				Peak	5460.000	-48.12	2.00	0.00	-46.12	≤-27.00	PASS
		Low	5745	Peak	5650.000	-50.787	2.00	0.00	-48.787	≤-27.00	PASS
				Peak	5700.000	-48.73	2.00	0.00	-46.73	≤10.00	PASS
				Peak	5720.000	-44.19	2.00	0.00	-42.19	≤15.60	PASS
				Peak	5725.000	-38.91	2.00	0.00	-36.91	≤27.00	PASS
		High	5825	Peak	5850.000	-39.291	2.00	0.00	-37.291	≤27.00	PASS
				Peak	5855.000	-47.99	2.00	0.00	-45.99	≤15.60	PASS
				Peak	5875.000	-50.82	2.00	0.00	-48.82	≤10.00	PASS

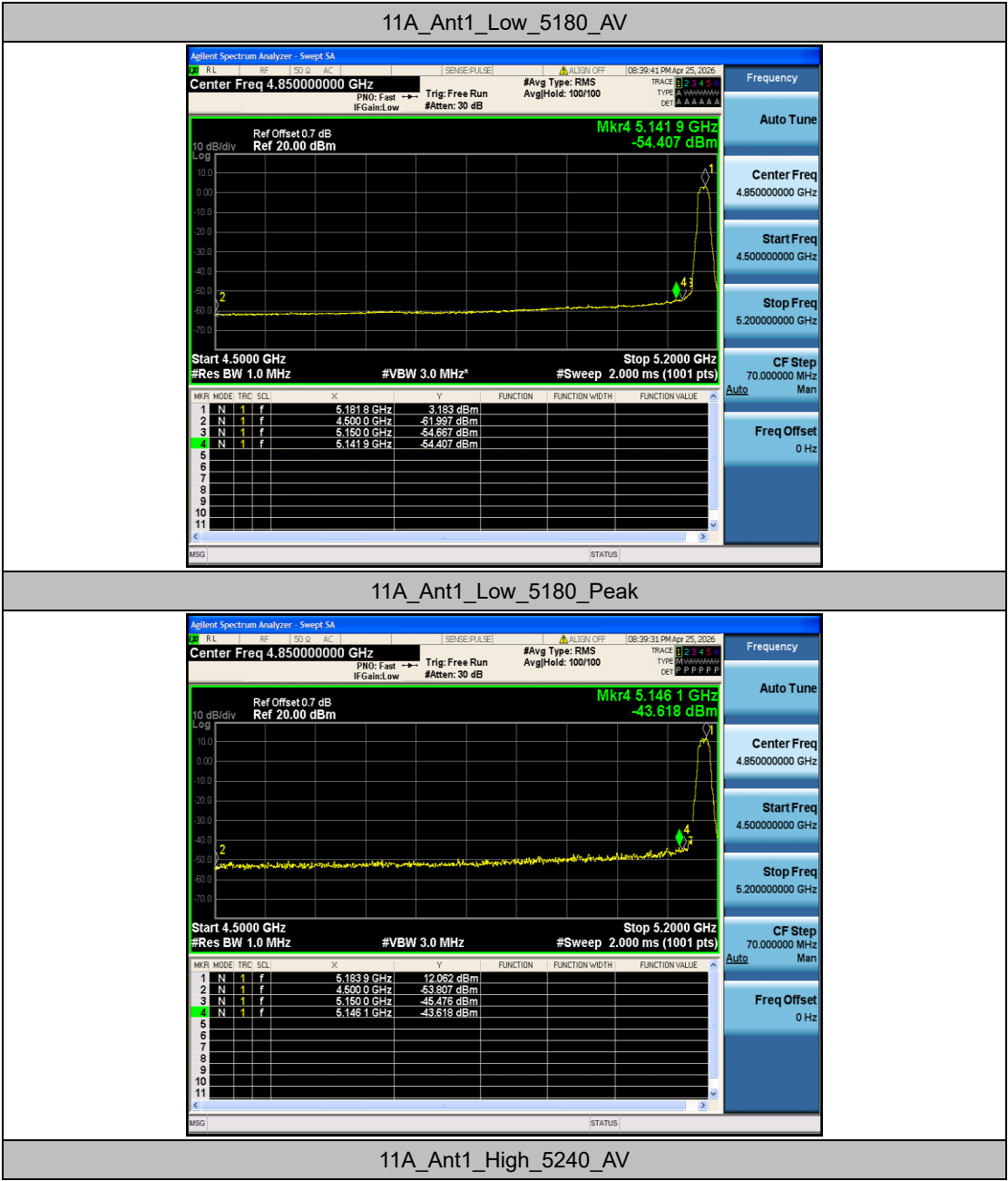
				Peak	5925.000	-50.36	2.00	0.00	-48.36	≤-27.00	PASS
11AC40S ISO	Ant1	Low	5190	AV	4500.000	-61.86	2.00	1.12	-58.74	≤-41.20	PASS
				AV	5149.600	-51.21	2.00	1.12	-48.09	≤-41.20	PASS
				AV	5150.000	-50.93	2.00	1.12	-47.81	≤-41.20	PASS
				Peak	4500.000	-53.75	2.00	0.00	-51.75	≤-27.00	PASS
				Peak	5149.600	-40.36	2.00	0.00	-38.36	≤-27.00	PASS
				Peak	5150.000	-41.67	2.00	0.00	-39.67	≤-27.00	PASS
		High	5230	AV	5350.000	-57.81	2.00	1.06	-54.75	≤-41.20	PASS
				AV	5356.260	-57.33	2.00	1.06	-54.27	≤-41.20	PASS
				AV	5460.000	-59.24	2.00	1.06	-56.18	≤-41.20	PASS
				Peak	5350.000	-48.05	2.00	0.00	-46.05	≤-27.00	PASS
				Peak	5370.300	-45.93	2.00	0.00	-43.93	≤-27.00	PASS
				Peak	5460.000	-50.13	2.00	0.00	-48.13	≤-27.00	PASS
		Low	5755	Peak	5650.000	-48.437	2.00	0.00	-46.437	≤-27.00	PASS
				Peak	5700.000	-44.46	2.00	0.00	-42.46	≤10.00	PASS
				Peak	5720.000	-37.52	2.00	0.00	-35.52	≤15.60	PASS
				Peak	5725.000	-37.84	2.00	0.00	-35.84	≤27.00	PASS
		High	5795	Peak	5850.000	-44.875	2.00	0.00	-42.875	≤27.00	PASS
				Peak	5855.000	-47.75	2.00	0.00	-45.75	≤15.60	PASS
				Peak	5875.000	-48.67	2.00	0.00	-46.67	≤10.00	PASS
				Peak	5925.000	-51.03	2.00	0.00	-49.03	≤-27.00	PASS
11AX20S ISO	Ant1	Low	5180	AV	4500.000	-61.91	2.00	0.76	-59.15	≤-41.20	PASS
				AV	5141.200	-53.76	2.00	0.76	-51	≤-41.20	PASS
				AV	5150.000	-54.13	2.00	0.76	-51.37	≤-41.20	PASS
				Peak	4500.000	-53.53	2.00	0.00	-51.53	≤-27.00	PASS
				Peak	5148.900	-42.85	2.00	0.00	-40.85	≤-27.00	PASS
				Peak	5150.000	-45.32	2.00	0.00	-43.32	≤-27.00	PASS
		High	5240	AV	5350.000	-58.21	2.00	0.76	-55.45	≤-41.20	PASS
				AV	5351.520	-57.76	2.00	0.76	-55	≤-41.20	PASS
				AV	5460.000	-58.92	2.00	0.76	-56.16	≤-41.20	PASS
				Peak	5350.000	-48.9	2.00	0.00	-46.9	≤-27.00	PASS
				Peak	5378.160	-47.05	2.00	0.00	-45.05	≤-27.00	PASS
				Peak	5460.000	-50.54	2.00	0.00	-48.54	≤-27.00	PASS
		Low	5745	Peak	5650.000	-51.557	2.00	0.00	-49.557	≤-27.00	PASS
				Peak	5700.000	-49.97	2.00	0.00	-47.97	≤10.00	PASS
				Peak	5720.000	-43.64	2.00	0.00	-41.64	≤15.60	PASS
				Peak	5725.000	-39.84	2.00	0.00	-37.84	≤27.00	PASS
		High	5825	Peak	5850.000	-40.366	2.00	0.00	-38.366	≤27.00	PASS
				Peak	5855.000	-46.61	2.00	0.00	-44.61	≤15.60	PASS
				Peak	5875.000	-46.76	2.00	0.00	-44.76	≤10.00	PASS
				Peak	5925.000	-49.57	2.00	0.00	-47.57	≤-27.00	PASS
11AX40S ISO	Ant1	Low	5190	AV	4500.000	-61.77	2.00	1.12	-58.65	≤-41.20	PASS
				AV	5149.600	-50.64	2.00	1.12	-47.52	≤-41.20	PASS

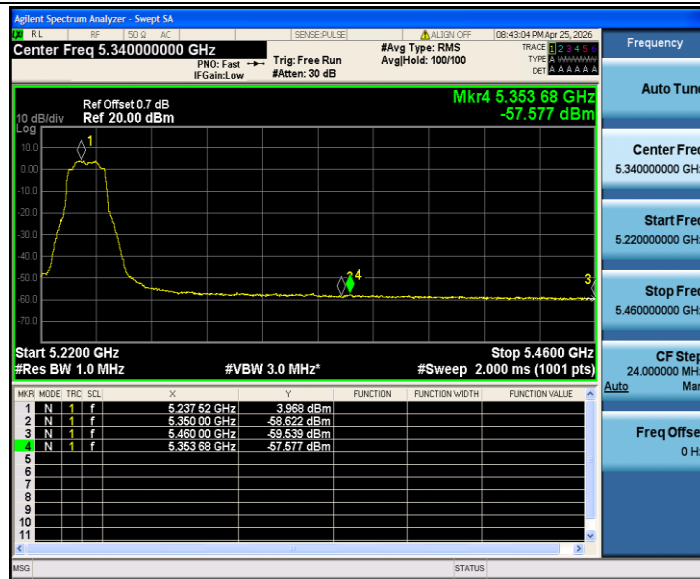
				AV	5150.000	-51.59	2.00	1.12	-48.47	≤-41.20	PASS
				Peak	4500.000	-53.62	2.00	0.00	-51.62	≤-27.00	PASS
				Peak	5146.800	-39.83	2.00	0.00	-37.83	≤-27.00	PASS
				Peak	5150.000	-41.51	2.00	0.00	-39.51	≤-27.00	PASS
		High	5230	AV	5350.000	-57.66	2.00	1.12	-54.54	≤-41.20	PASS
				AV	5352.100	-57.27	2.00	1.12	-54.15	≤-41.20	PASS
				AV	5460.000	-59.1	2.00	1.12	-55.98	≤-41.20	PASS
				Peak	5350.000	-47.96	2.00	0.00	-45.96	≤-27.00	PASS
				Peak	5361.200	-44.54	2.00	0.00	-42.54	≤-27.00	PASS
				Peak	5460.000	-50.89	2.00	0.00	-48.89	≤-27.00	PASS
		Low	5755	Peak	5650.000	-51.134	2.00	0.00	-49.134	≤-27.00	PASS
				Peak	5700.000	-48.56	2.00	0.00	-46.56	≤10.00	PASS
				Peak	5720.000	-37.75	2.00	0.00	-35.75	≤15.60	PASS
				Peak	5725.000	-39.04	2.00	0.00	-37.04	≤27.00	PASS
		High	5795	Peak	5850.000	-44.234	2.00	0.00	-42.234	≤27.00	PASS
				Peak	5855.000	-47.76	2.00	0.00	-45.76	≤15.60	PASS
				Peak	5875.000	-49.04	2.00	0.00	-47.04	≤10.00	PASS
				Peak	5925.000	-50.83	2.00	0.00	-48.83	≤-27.00	PASS

Note:

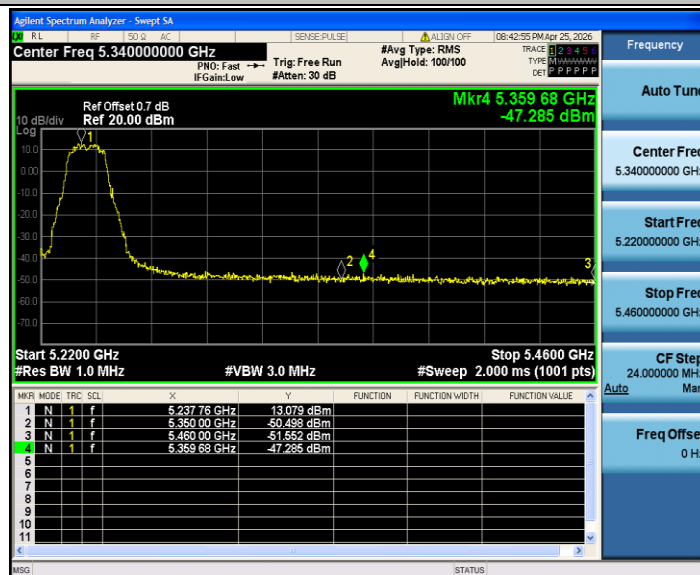
1. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

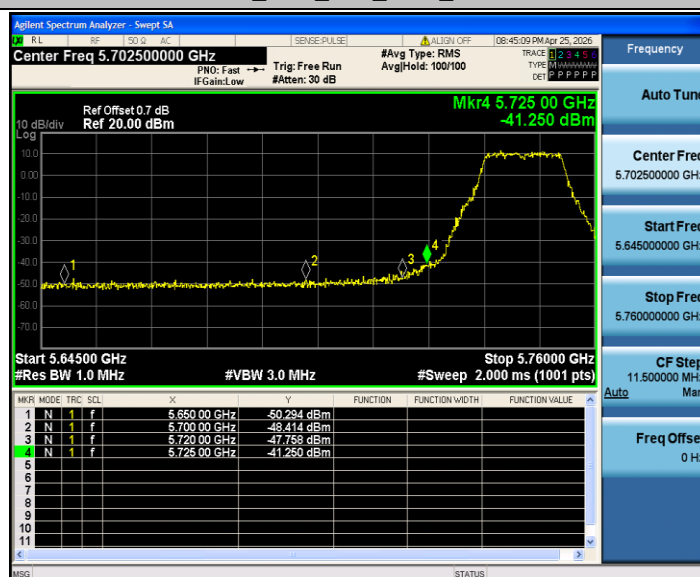




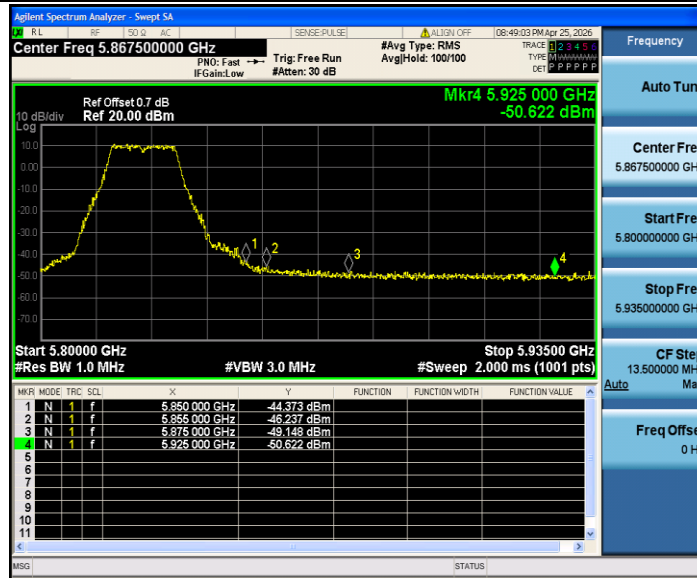
11A_Ant1_High_5240_Peak



11A_Ant1_Low_5745_Peak



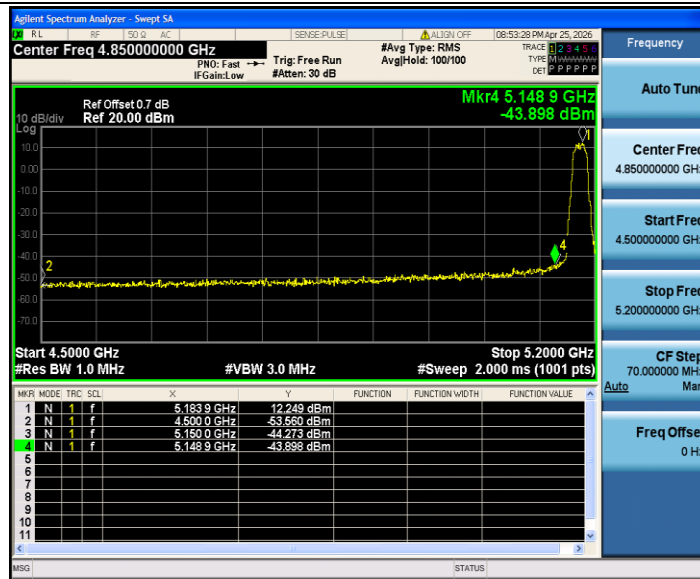
11A_Ant1_High_5825_Peak



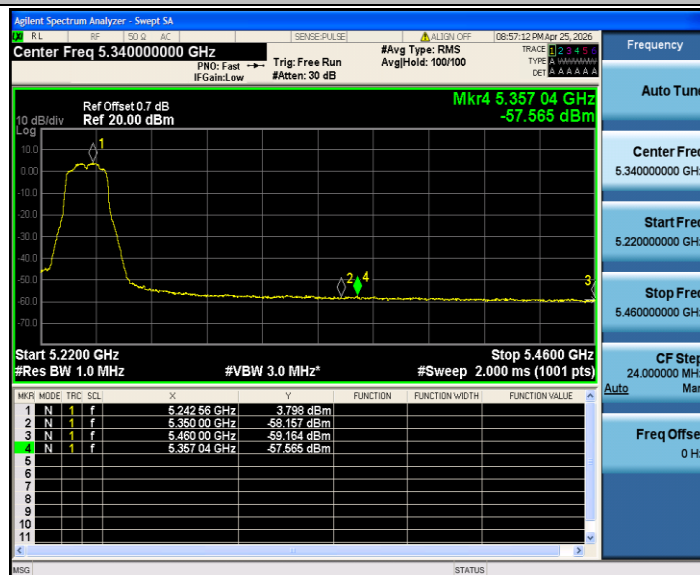
11N20SISO_Ant1_Low_5180_AV



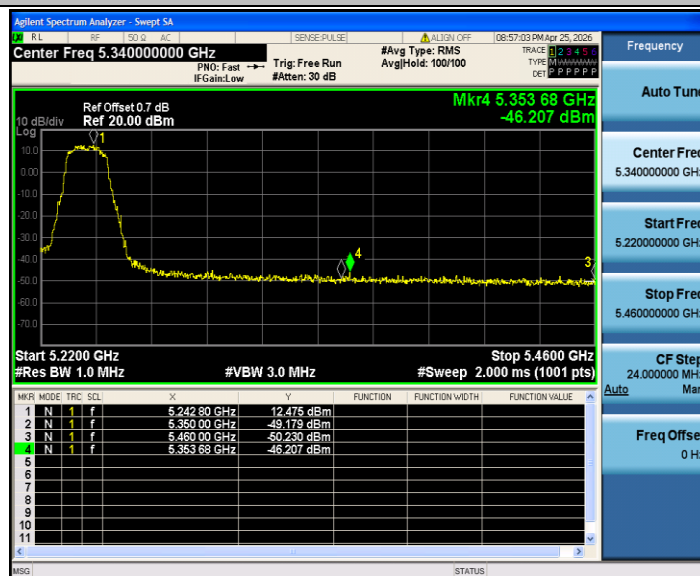
11N20SISO_Ant1_Low_5180_Peak



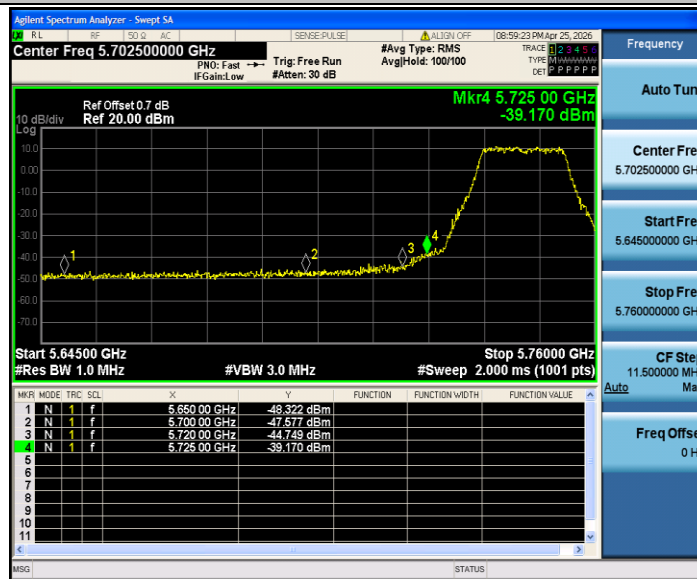
11N20SISO_Ant1_High_5240_AV



11N20SISO_Ant1_High_5240_Peak



11N20SISO_Ant1_Low_5745_Peak



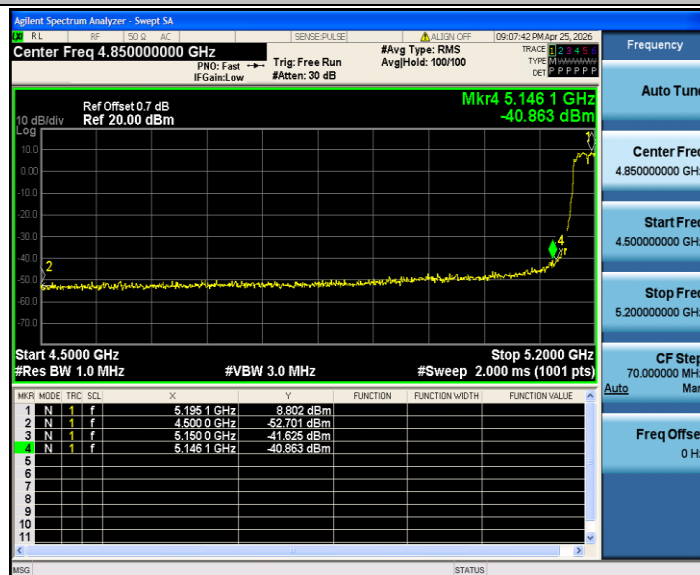
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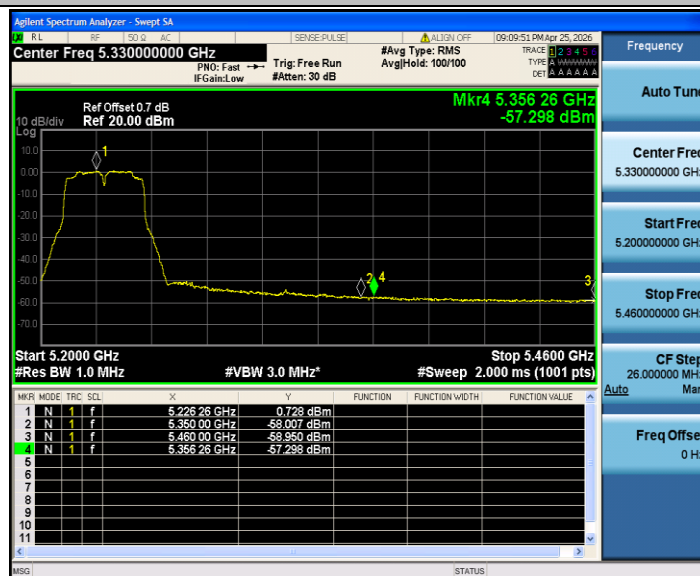
11N40SISO_Ant1_Low_5190_AV



11N40SISO_Ant1_Low_5190_Peak



11N40SISO_Ant1_High_5230_AV



11N40SISO_Ant1_High_5230_Peak



11N40SISO_Ant1_Low_5755_Peak



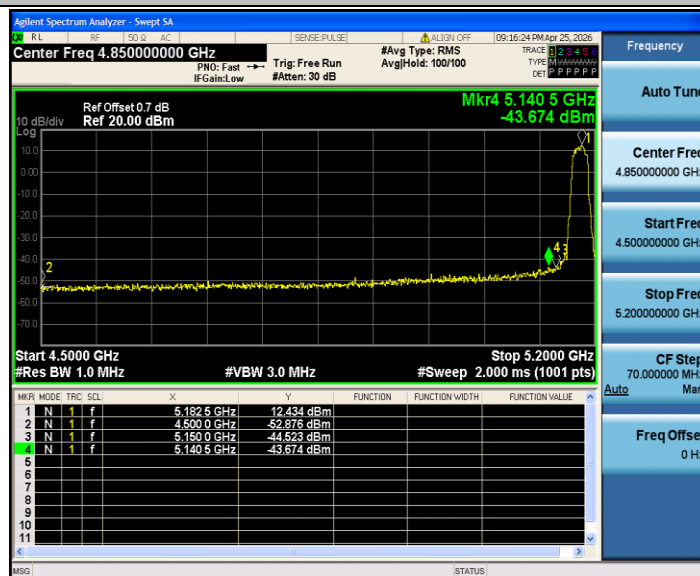
11N40SISO_Ant1_High_5795_Peak



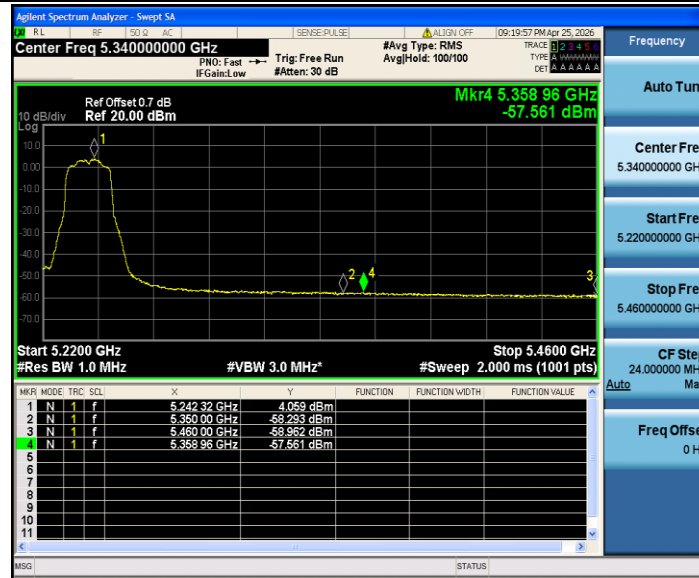
11AC20SISO_Ant1_Low_5180_AV



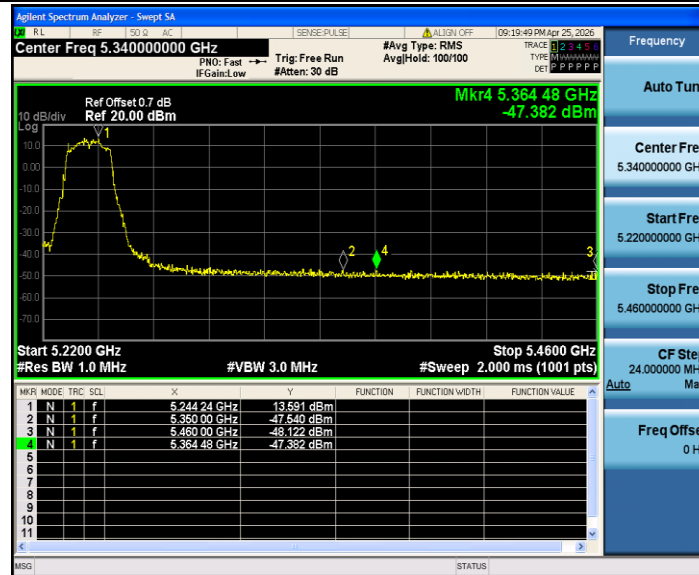
11AC20SISO_Ant1_Low_5180_Peak



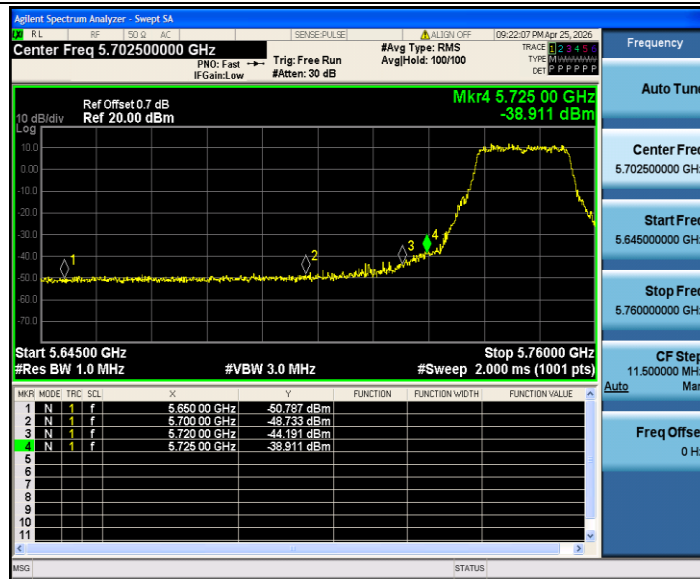
11AC20SISO_Ant1_High_5240_AV



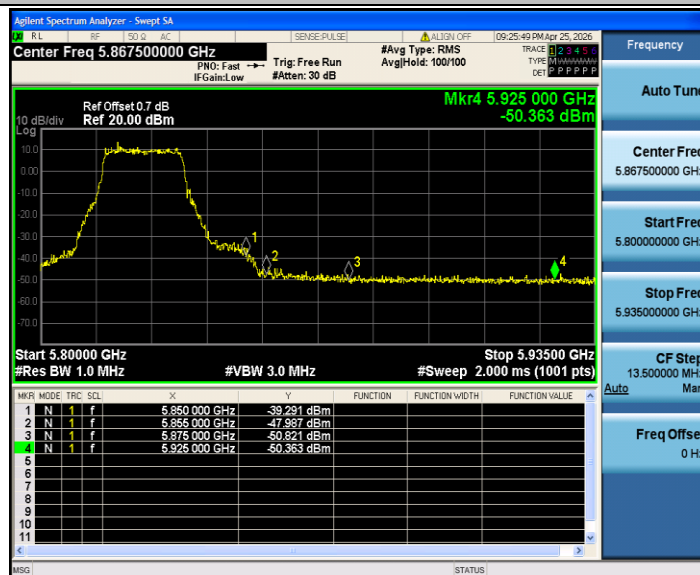
11AC20SISO_Ant1_High_5240_Peak



11AC20SISO_Ant1_Low_5745_Peak



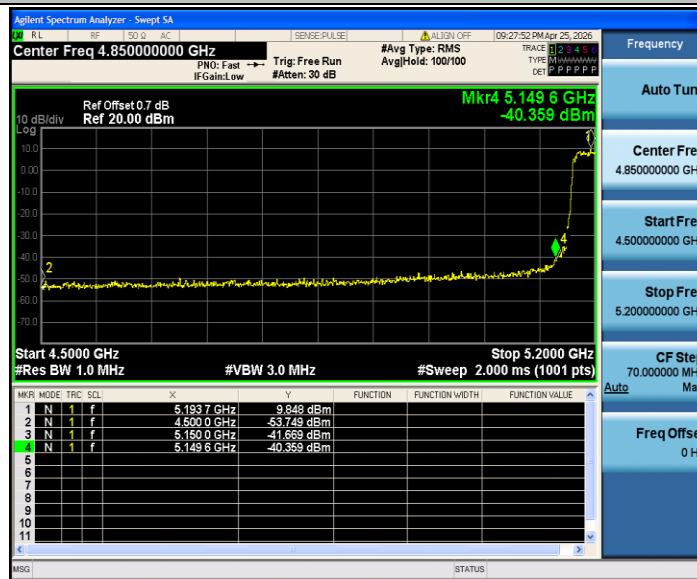
11AC20SISO_Ant1_High_5825_Peak



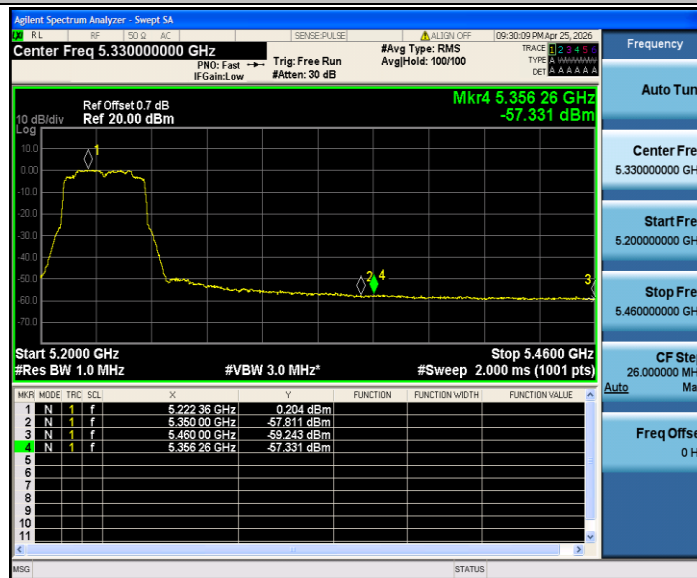
11AC40SISO_Ant1_Low_5190_AV



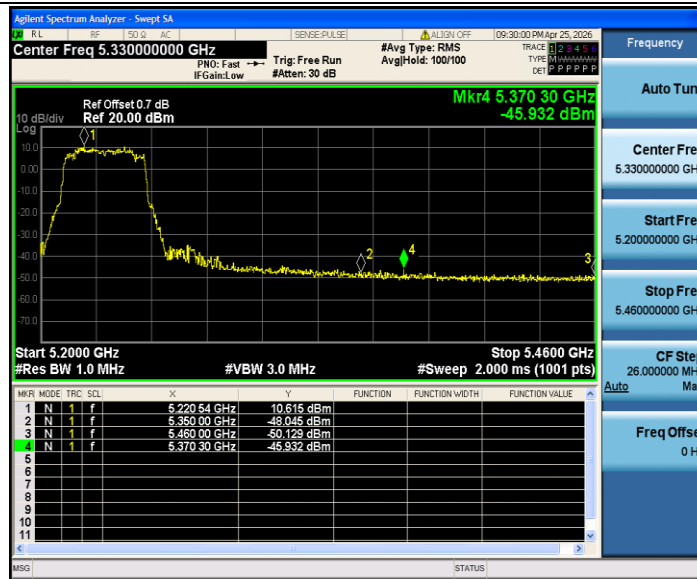
11AC40SISO_Ant1_Low_5190_Peak



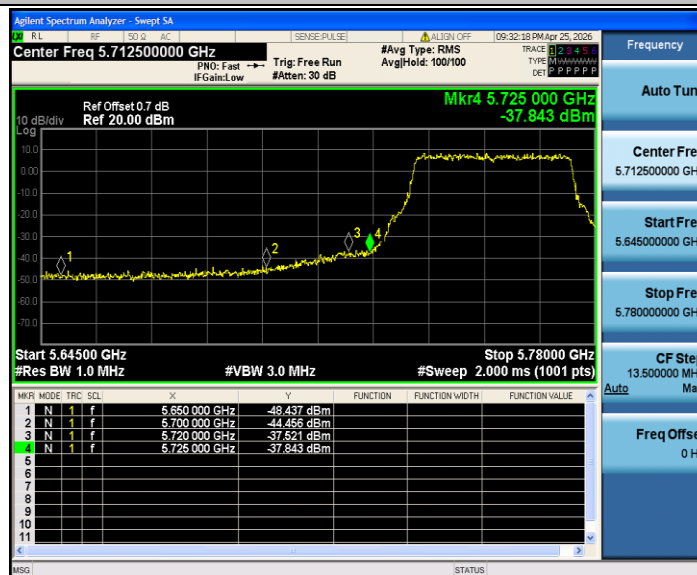
11AC40SISO_Ant1_High_5230_AV



11AC40SISO_Ant1_High_5230_Peak



11AC40SISO_Ant1_Low_5755_Peak



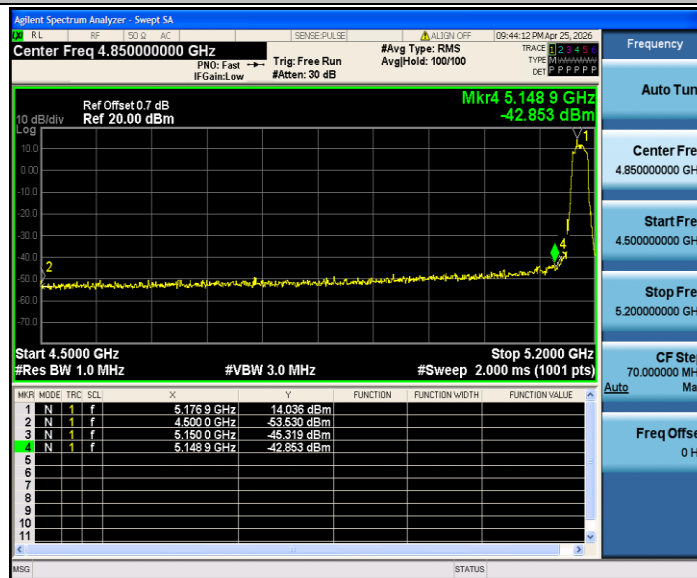
11AC40SISO_Ant1_High_5795_Peak



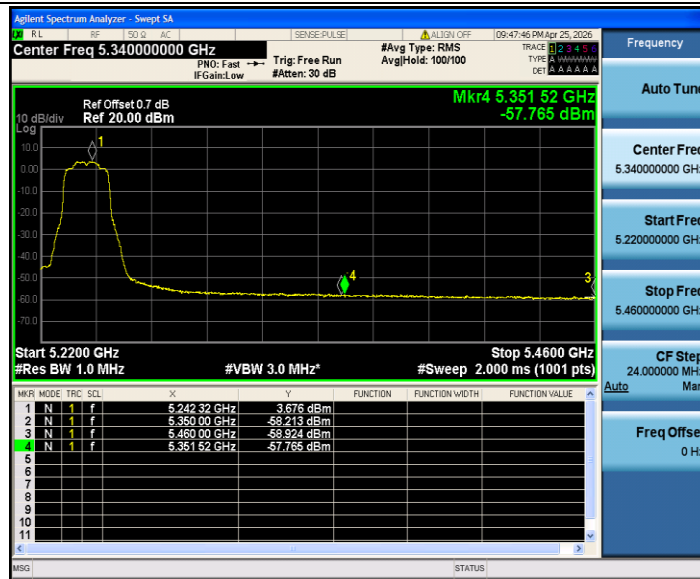
11AX20SISO_Ant1_Low_5180_AV



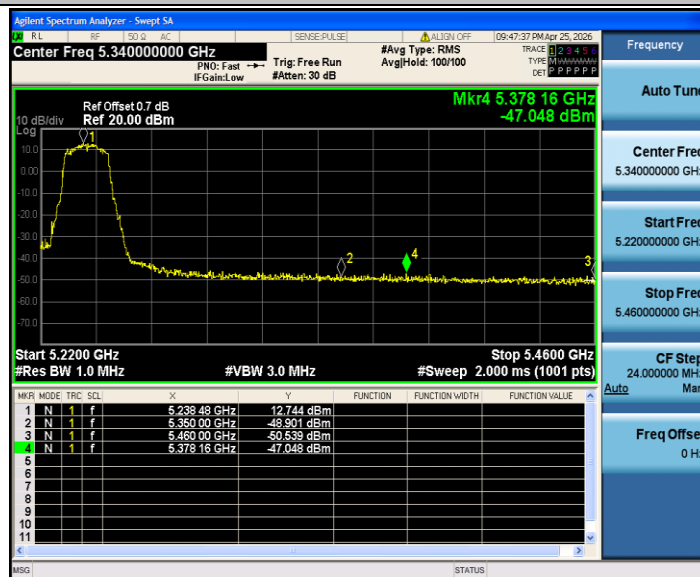
11AX20SISO_Ant1_Low_5180_Peak



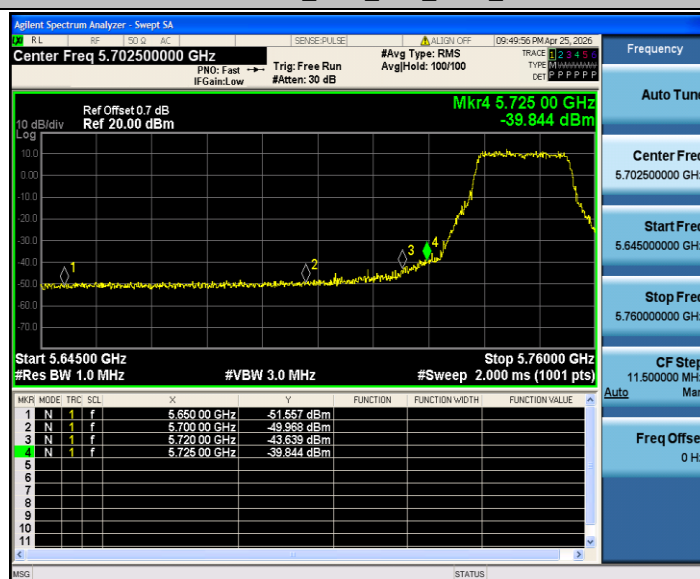
11AX20SISO_Ant1_High_5240_AV



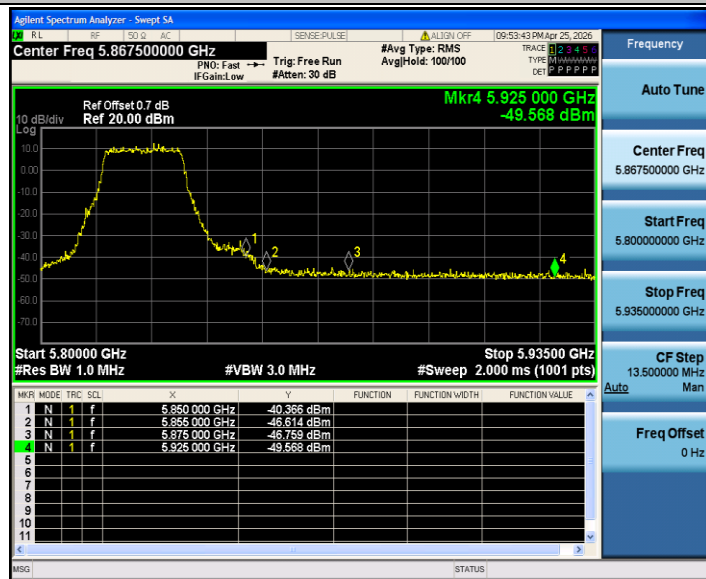
11AX20SISO_Ant1_High_5240_Peak



11AX20SISO_Ant1_Low_5745_Peak



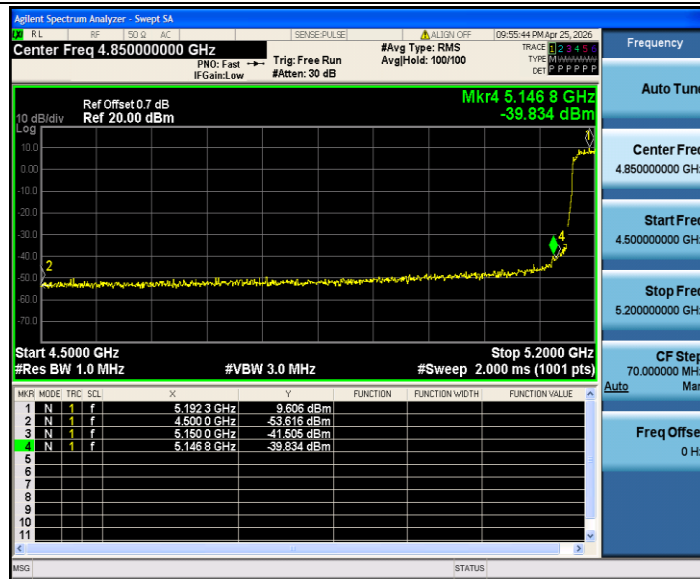
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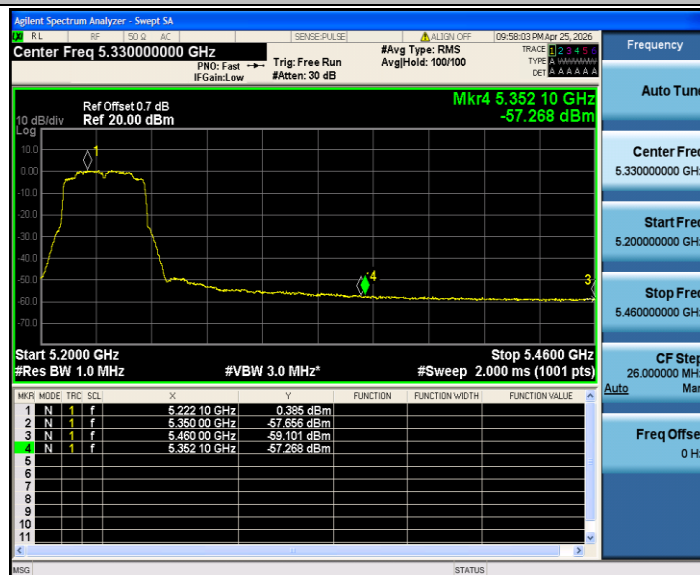
11AX40SISO_Ant1_Low_5190_AV



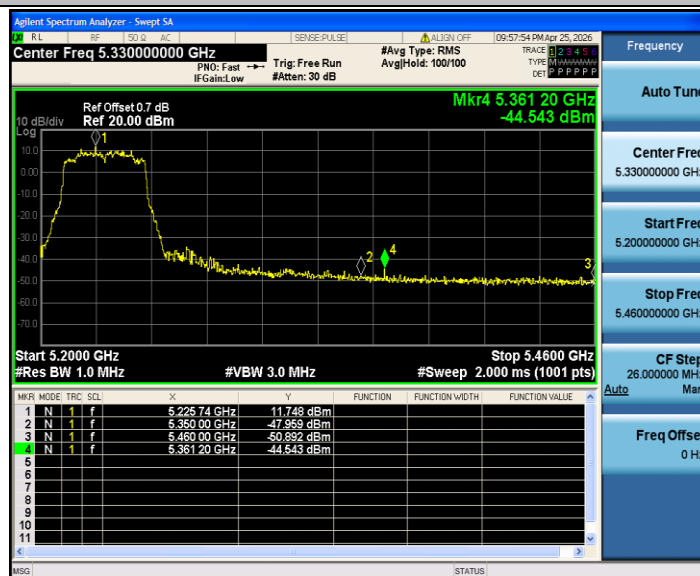
11AX40SISO_Ant1_Low_5190_Peak



11AX40SISO_Ant1_High_5230_AV



11AX40SISO_Ant1_High_5230_Peak



11AX40SISO_Ant1_Low_5755_Peak



11AX40SISO_Ant1_High_5795_Peak



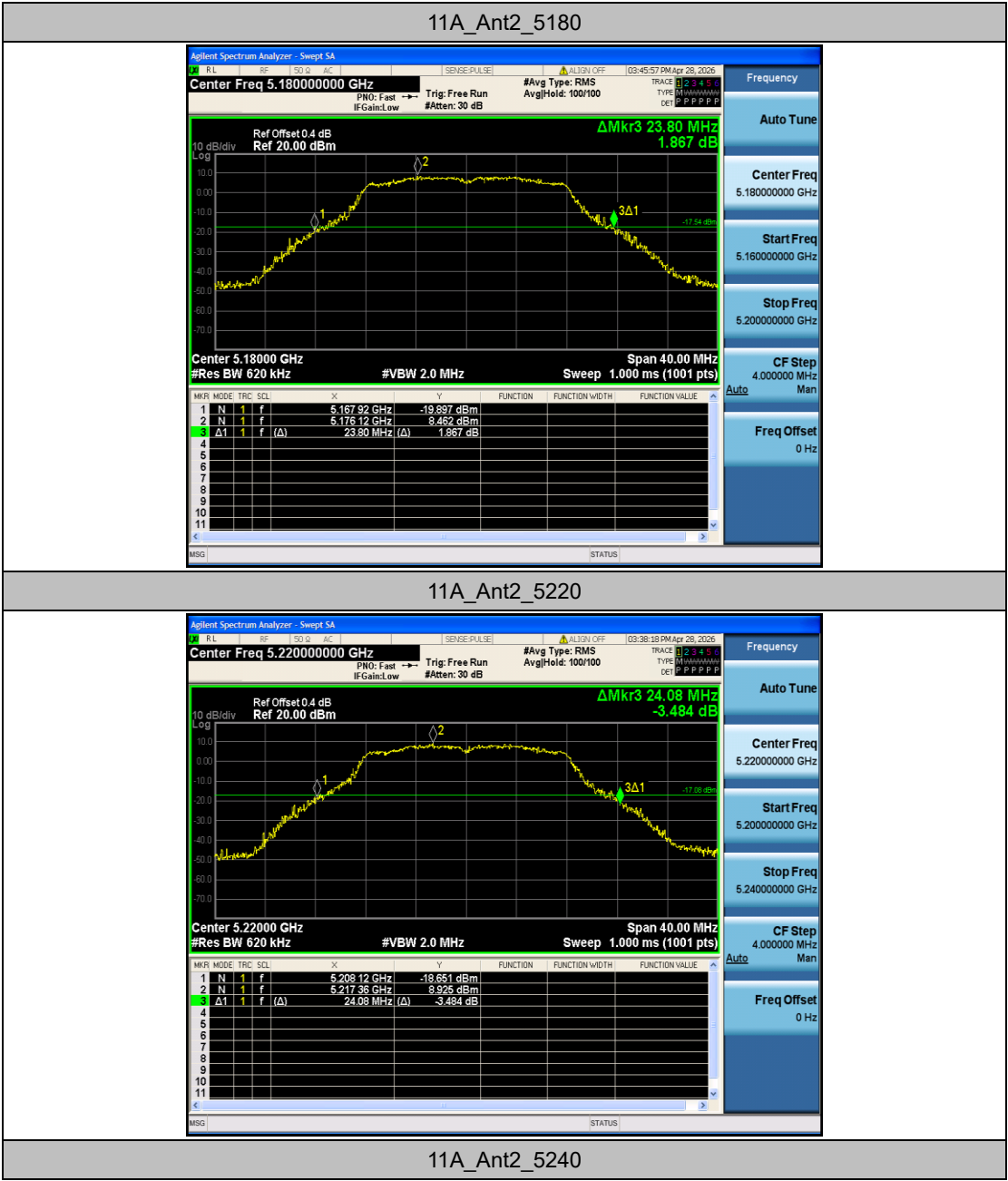
FCC Appendix RF Test Data for 5GWIFI Ant 2

Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	23.800	5167.920	5191.720	---	---
		5220	24.080	5208.120	5232.200	---	---
		5240	22.840	5228.640	5251.480	---	---
		5745	23.880	5732.800	5756.680	---	---
		5785	24.720	5772.560	5797.280	---	---
		5825	25.120	5812.120	5837.240	---	---
11N20SISO	Ant2	5180	24.320	5168.160	5192.480	---	---
		5220	23.120	5208.360	5231.480	---	---
		5240	23.000	5228.400	5251.400	---	---
		5745	25.400	5732.280	5757.680	---	---
		5785	24.400	5773.120	5797.520	---	---
		5825	24.600	5813.160	5837.760	---	---
11N40SISO	Ant2	5190	43.200	5168.720	5211.920	---	---
		5230	43.760	5208.480	5252.240	---	---
		5755	44.640	5733.320	5777.960	---	---
		5795	44.320	5773.320	5817.640	---	---
11AC20SISO	Ant2	5180	23.000	5168.560	5191.560	---	---
		5220	22.400	5209.120	5231.520	---	---
		5240	23.440	5228.600	5252.040	---	---
		5745	23.840	5732.920	5756.760	---	---
		5785	24.880	5772.000	5796.880	---	---
		5825	23.720	5813.160	5836.880	---	---
11AC40SISO	Ant2	5190	42.960	5168.720	5211.680	---	---
		5230	43.120	5208.640	5251.760	---	---
		5755	44.320	5733.320	5777.640	---	---
		5795	44.400	5773.240	5817.640	---	---
11AX20SISO	Ant2	5180	23.000	5168.720	5191.720	---	---
		5220	21.920	5209.400	5231.320	---	---
		5240	22.960	5228.800	5251.760	---	---
		5745	23.280	5733.520	5756.800	---	---
		5785	23.520	5773.120	5796.640	---	---
		5825	23.240	5813.280	5836.520	---	---
11AX40SISO	Ant2	5190	42.720	5168.880	5211.600	---	---
		5230	42.880	5208.560	5251.440	---	---
		5755	44.800	5732.920	5777.720	---	---
		5795	44.640	5773.160	5817.800	---	---

Test Graphs





11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5180



11N20SISO_Ant2_5220



11N20SISO_Ant2_5240



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5190