

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	Ant1	5500	11.44	75.00	1.25	12.69	≤23.98	PASS
		5580	11.52	75.00	1.25	12.77	≤23.98	PASS
		5700	11.35	73.68	1.33	12.68	≤23.98	PASS
11N20SISO	Ant1	5500	12.39	81.82	0.87	13.26	≤23.98	PASS
		5580	12.15	77.27	1.12	13.27	≤23.98	PASS
		5700	11.44	77.27	1.12	12.56	≤23.98	PASS
11N40SISO	Ant1	5510	12.06	78.26	1.06	13.12	≤23.98	PASS
		5590	11.38	78.26	1.06	12.44	≤23.98	PASS
		5670	11.74	78.26	1.06	12.80	≤23.98	PASS
11AC20SISO	Ant1	5500	11.80	76.19	1.18	12.98	≤23.98	PASS
		5580	11.69	77.27	1.12	12.81	≤23.98	PASS
		5700	11.26	76.19	1.18	12.44	≤23.98	PASS
11AC40SISO	Ant1	5510	11.71	75.00	1.25	12.96	≤23.98	PASS
		5590	11.46	80.00	0.97	12.43	≤23.98	PASS
		5670	11.63	76.19	1.18	12.81	≤23.98	PASS
11AC80SISO	Ant1	5530	11.57	76.19	1.18	12.75	≤23.98	PASS
		5610	11.00	76.19	1.18	12.18	≤23.98	PASS
11AX20SISO	Ant1	5500	11.99	81.82	0.87	12.86	≤23.98	PASS
		5580	11.80	81.82	0.87	12.67	≤23.98	PASS
		5700	11.27	77.27	1.12	12.39	≤23.98	PASS
11AX40SISO	Ant1	5510	11.72	77.27	1.12	12.84	≤23.98	PASS
		5590	11.39	77.27	1.12	12.51	≤23.98	PASS
		5670	11.64	77.27	1.12	12.76	≤23.98	PASS
11AX80SISO	Ant1	5530	11.41	78.26	1.06	12.47	≤23.98	PASS
		5610	10.83	81.82	0.87	11.70	≤23.98	PASS

Appendix D.5: Maximum power spectral density

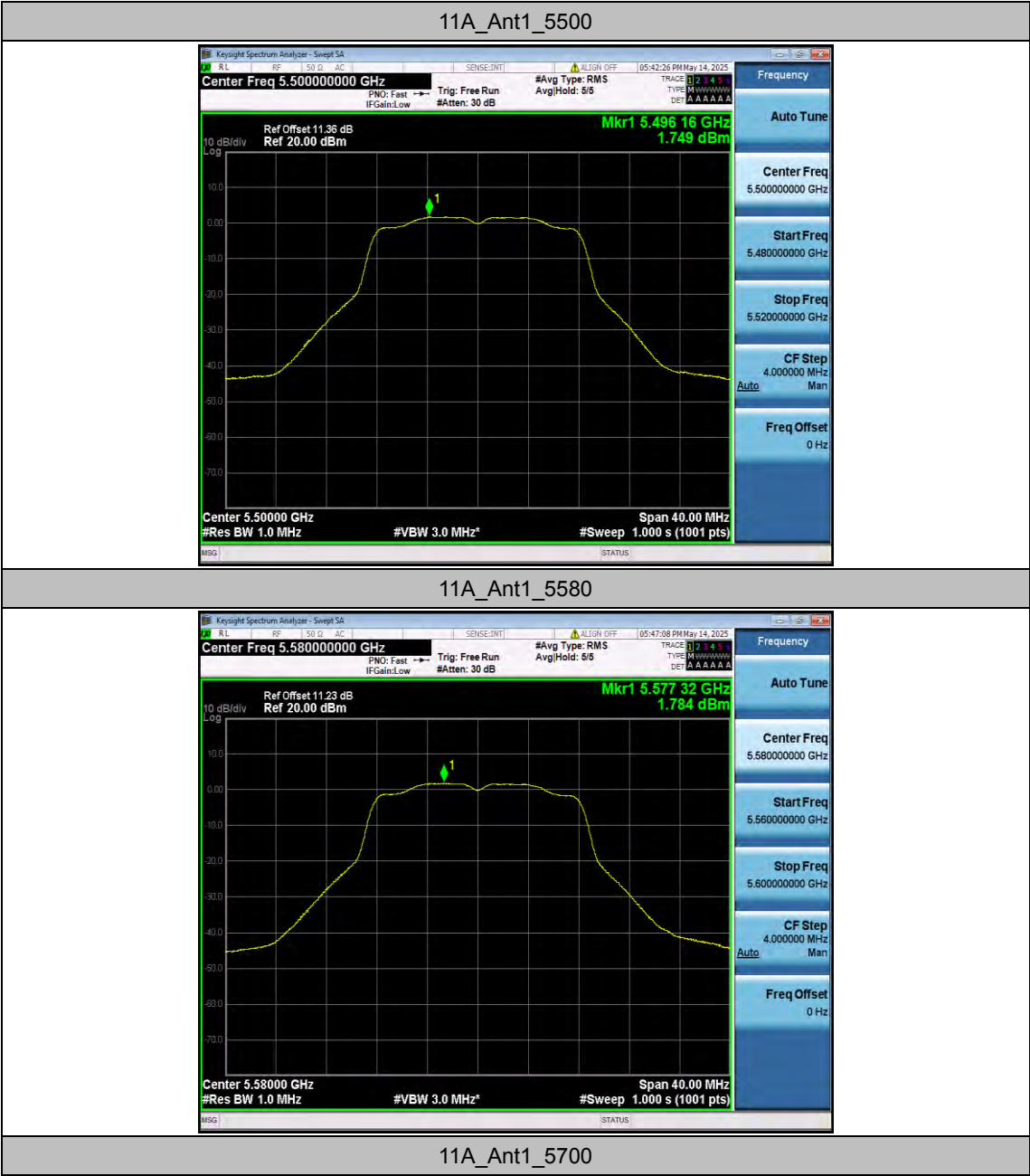
Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5500	1.75	≤11.00	PASS
		5580	1.78	≤11.00	PASS
		5700	1.61	≤11.00	PASS
11N20SISO	Ant1	5500	1.89	≤11.00	PASS
		5580	2.21	≤11.00	PASS
		5700	1.54	≤11.00	PASS
11N40SISO	Ant1	5510	-0.86	≤11.00	PASS
		5590	-1.56	≤11.00	PASS
		5670	-1.27	≤11.00	PASS
11AC20SISO	Ant1	5500	1.89	≤11.00	PASS
		5580	1.82	≤11.00	PASS
		5700	1.63	≤11.00	PASS
11AC40SISO	Ant1	5510	-0.98	≤11.00	PASS
		5590	-1.60	≤11.00	PASS
		5670	-1.35	≤11.00	PASS
11AC80SISO	Ant1	5530	-3.35	≤11.00	PASS
		5610	-4.48	≤11.00	PASS
11AX20SISO	Ant1	5500	1.43	≤11.00	PASS
		5580	1.43	≤11.00	PASS
		5700	1.24	≤11.00	PASS
11AX40SISO	Ant1	5510	-1.28	≤11.00	PASS
		5590	-1.71	≤11.00	PASS
		5670	-1.51	≤11.00	PASS
11AX80SISO	Ant1	5530	-3.96	≤11.00	PASS
		5610	-4.81	≤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 Factor and RBW Factor is compensated in the graph.

Test Graphs

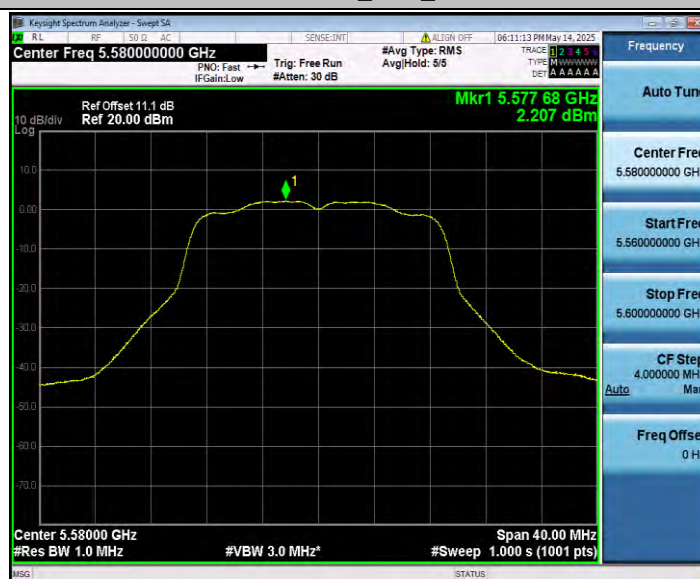




11N20SISO_Ant1_5500



11N20SISO_Ant1_5580



11N20SISO_Ant1_5700



11N40SISO_Ant1_5510



11N40SISO_Ant1_5590



11N40SISO_Ant1_5670



11AC20SISO_Ant1_5500



11AC20SISO_Ant1_5580



11AC20SISO_Ant1_5700



11AC40SISO_Ant1_5510



11AC40SISO_Ant1_5590



11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5530



11AC80SISO_Ant1_5610



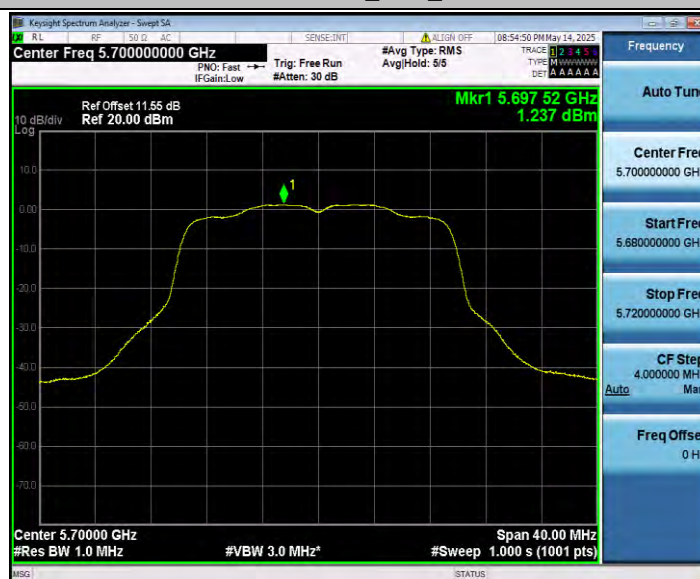
11AX20SISO_Ant1_5500



11AX20SISO_Ant1_5580



11AX20SISO_Ant1_5700



11AX40SISO_Ant1_5510



11AX40SISO_Ant1_5590



11AX40SISO_Ant1_5670



11AX80SISO_Ant1_5530



11AX80SISO_Ant1_5610

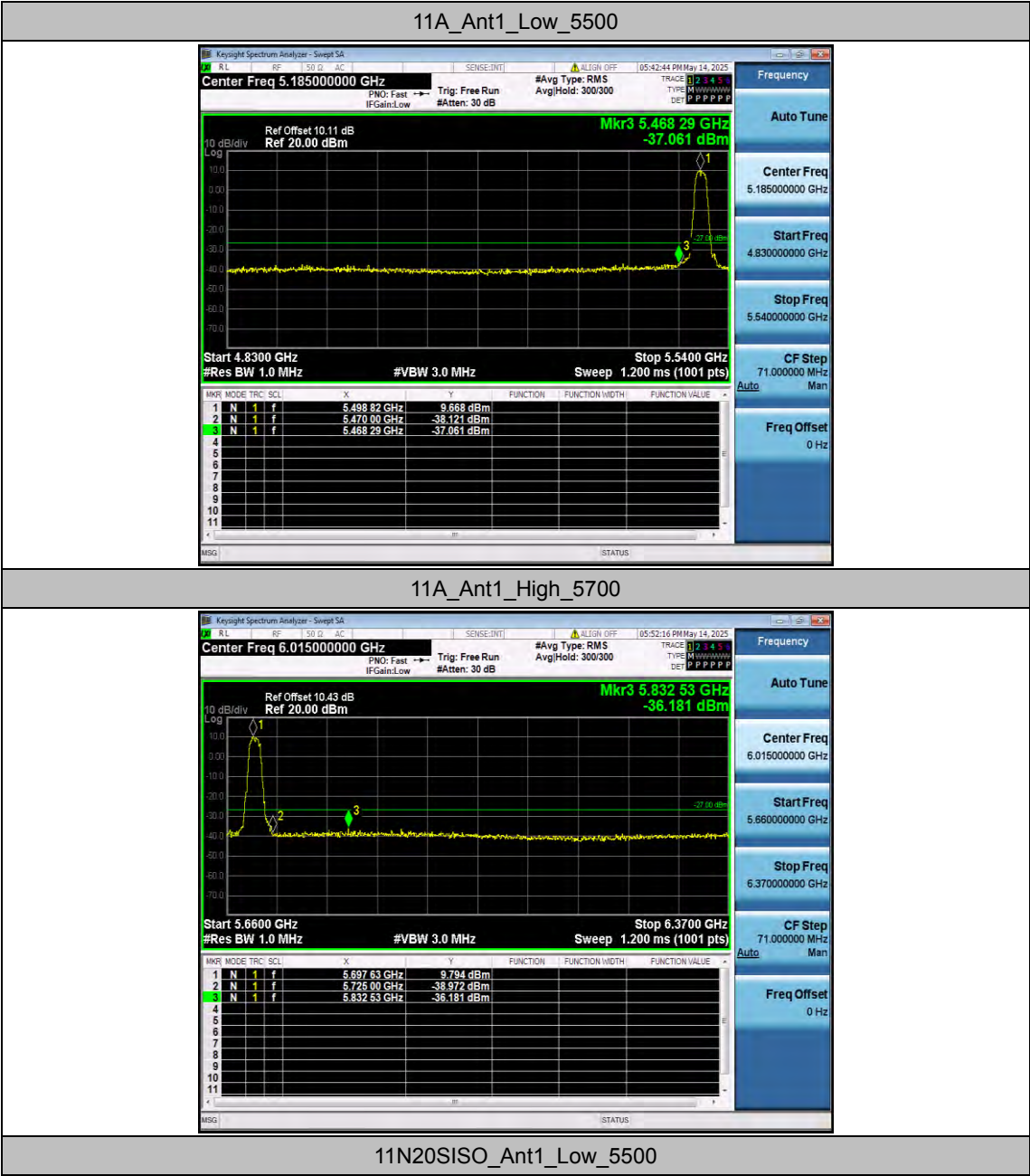


Appendix D.6: Band edge measurements

Test Result B3

TestMode	Antenna	ChName	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5500	-37.06	≤ -27	PASS
		High	5700	-36.18	≤ -27	PASS
11N20SISO	Ant1	Low	5500	-36.76	≤ -27	PASS
		High	5700	-36.85	≤ -27	PASS
11N40SISO	Ant1	Low	5510	-34.51	≤ -27	PASS
		High	5670	-36.97	≤ -27	PASS
11AC20SISO	Ant1	Low	5500	-35.18	≤ -27	PASS
		High	5700	-36.56	≤ -27	PASS
11AC40SISO	Ant1	Low	5510	-34.95	≤ -27	PASS
		High	5670	-36.82	≤ -27	PASS
11AC80SISO	Ant1	Low	5530	-34.63	≤ -27	PASS
		High	5610	-37.11	≤ -27	PASS
11AX20SISO	Ant1	Low	5500	-36.39	≤ -27	PASS
		High	5700	-35.94	≤ -27	PASS
11AX40SISO	Ant1	Low	5510	-34.97	≤ -27	PASS
		High	5670	-36.97	≤ -27	PASS
11AX80SISO	Ant1	Low	5530	-33.94	≤ -27	PASS
		High	5610	-37.39	≤ -27	PASS

Test Graphs B3

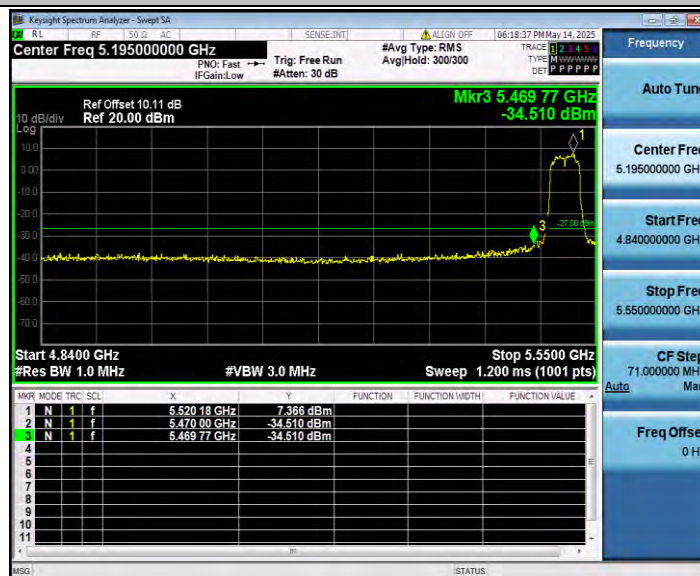


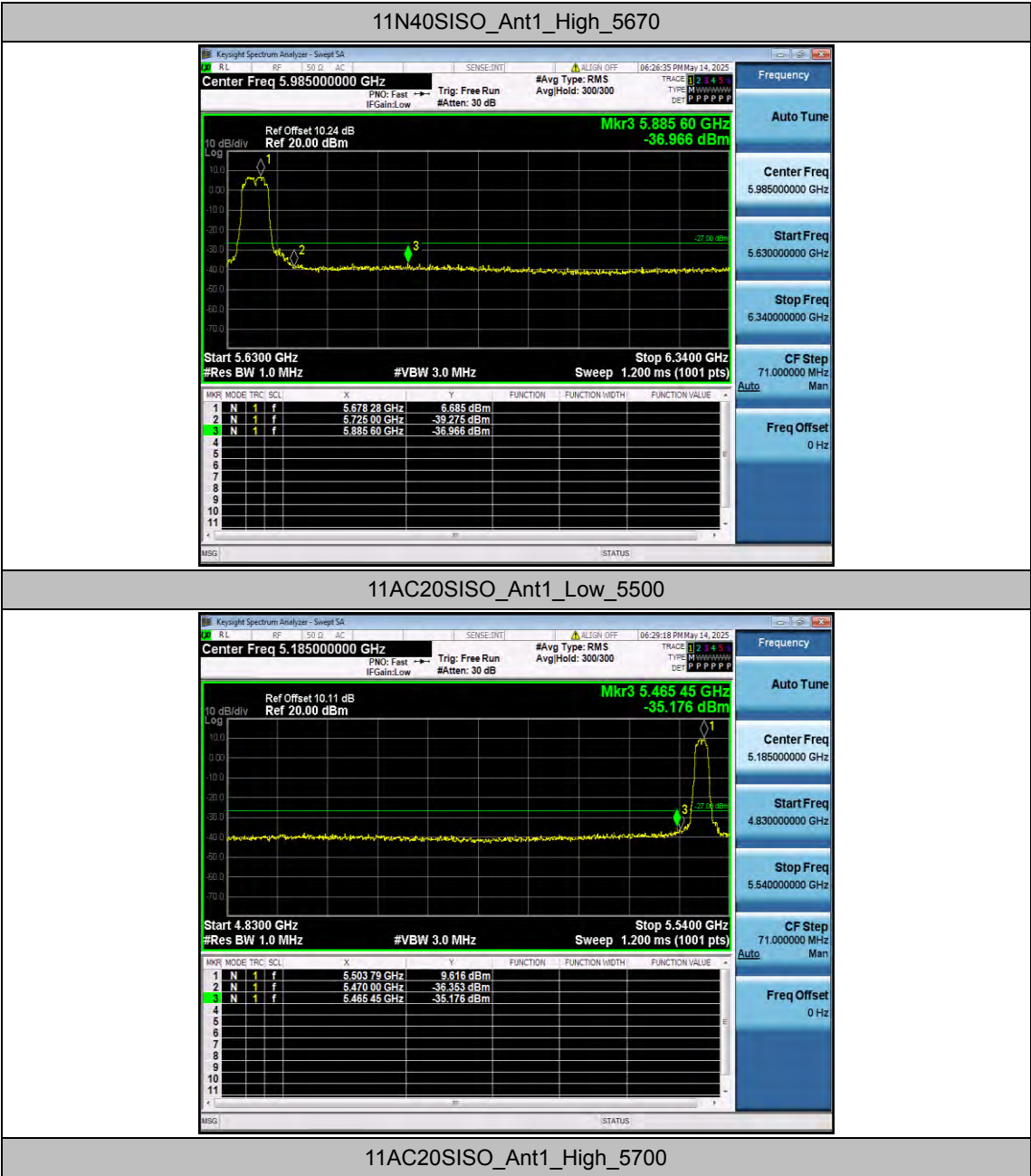


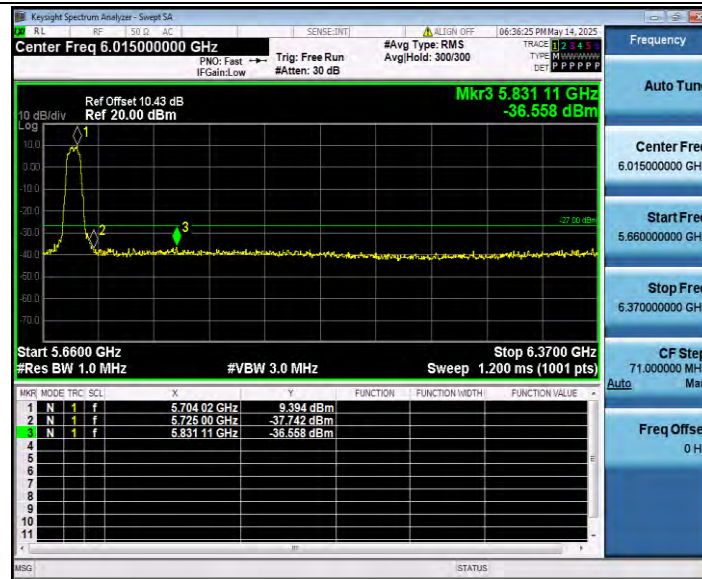
11N20SISO_Ant1_High_5700



11N40SISO_Ant1_Low_5510





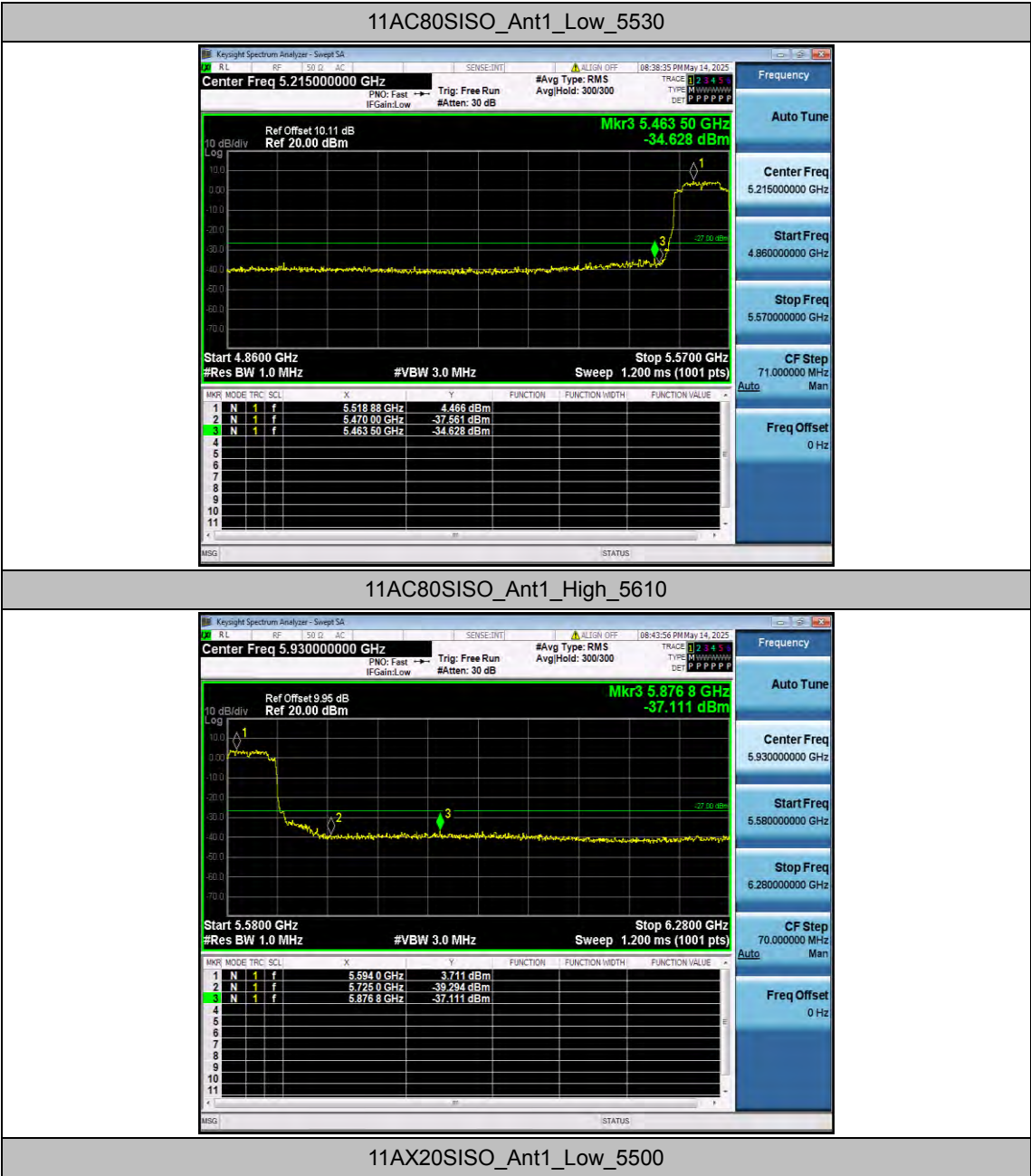


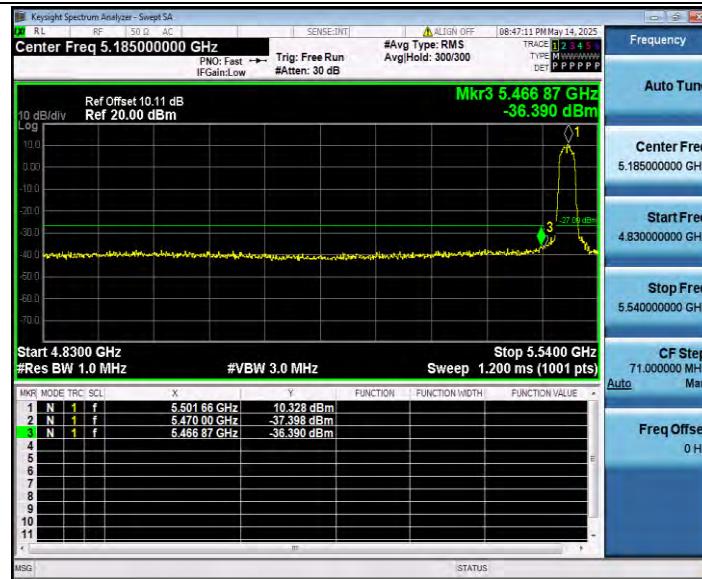
11AC40SISO_Ant1_Low_5510



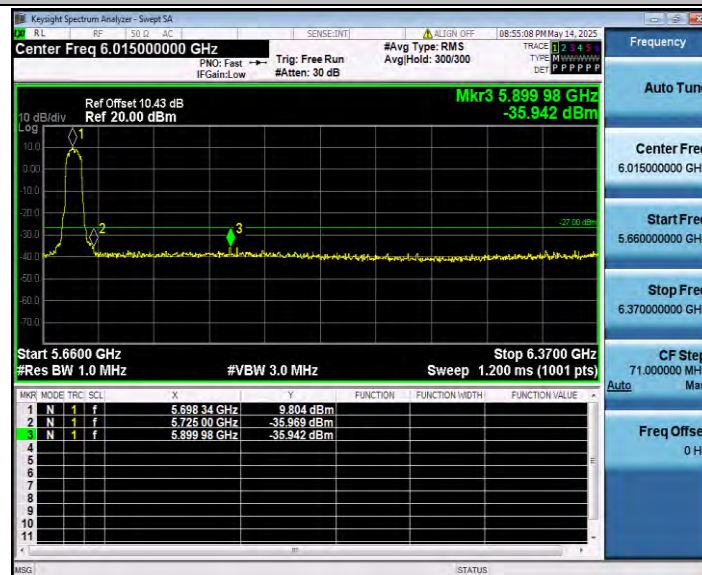
11AC40SISO_Ant1_High_5670







11AX20SISO_Ant1_High_5700



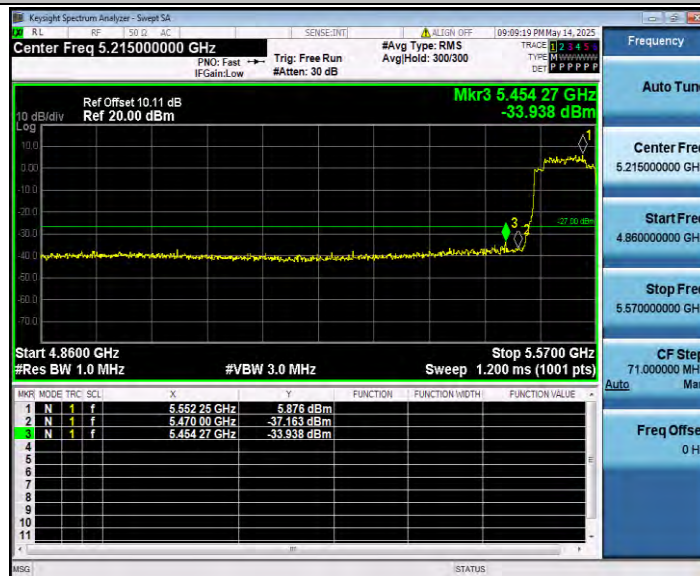
11AX40SISO_Ant1_Low_5510



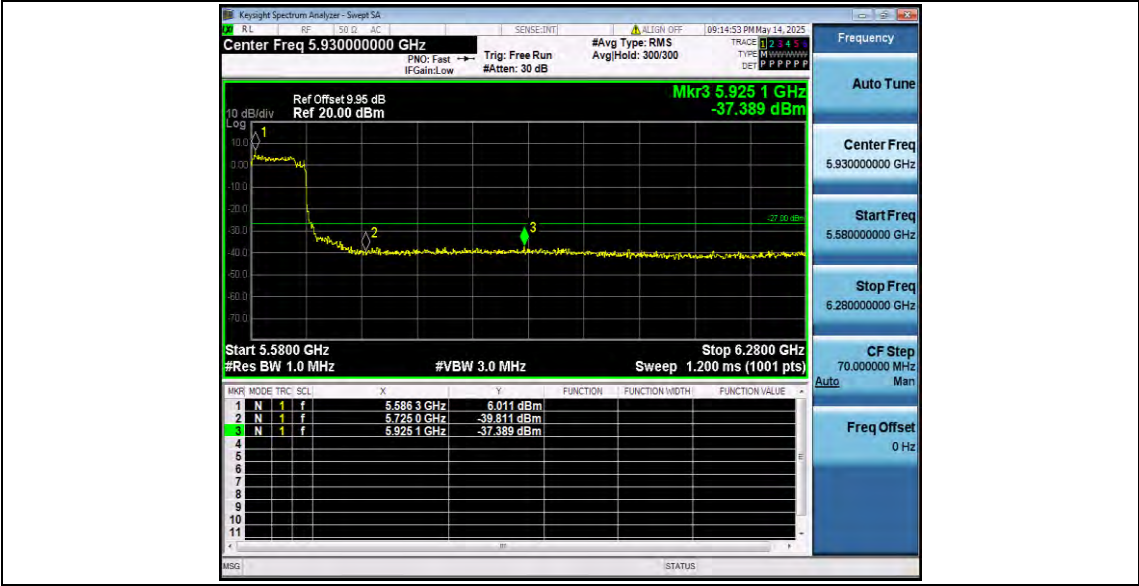
11AX40SISO_Ant1_High_5670



11AX80SISO_Ant1_Low_5530



11AX80SISO_Ant1_High_5610



Appendix D.7: Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5500	30~5460	5459.28	-43.27	≤-27	PASS
			5735~27000	24319.9	-37.33	≤-27	PASS
		5580	30~5460	5436.11	-45.66	≤-27	PASS
			5735~27000	24765.76	-37.34	≤-27	PASS
		5700	30~5460	4976.55	-44.52	≤-27	PASS
			5735~27000	24223.5	-35.99	≤-27	PASS
11N20SISO	Ant1	5500	30~5460	5456.92	-43.29	≤-27	PASS
			5735~27000	24274.54	-37.01	≤-27	PASS
		5580	30~5460	5459.28	-44.69	≤-27	PASS
			5735~27000	23511.83	-37.2	≤-27	PASS
		5700	30~5460	1748.41	-40.9	≤-27	PASS
			5735~27000	26991.49	-37.17	≤-27	PASS
11N40SISO	Ant1	5510	30~5460	5454.03	-36.29	≤-27	PASS
			5735~27000	25584.46	-36.66	≤-27	PASS
		5590	30~5460	5386.51	-44.94	≤-27	PASS
			5735~27000	24230.59	-37.21	≤-27	PASS
		5670	30~5460	5408.05	-44.33	≤-27	PASS
			5735~27000	24257.52	-37.26	≤-27	PASS
11AC20SISO	Ant1	5500	30~5460	5459.46	-42.17	≤-27	PASS
			5735~27000	24260.36	-36.98	≤-27	PASS
		5580	30~5460	5379.09	-45.24	≤-27	PASS
			5735~27000	24876.34	-37.4	≤-27	PASS
		5700	30~5460	5445.52	-44.86	≤-27	PASS
			5735~27000	24212.16	-36.57	≤-27	PASS
11AC40SISO	Ant1	5510	30~5460	5457.29	-38.98	≤-27	PASS
			5735~27000	23523.17	-36.82	≤-27	PASS
		5590	30~5460	5417.47	-45.51	≤-27	PASS
			5735~27000	24371.65	-37.18	≤-27	PASS
		5670	30~5460	5435.38	-45.68	≤-27	PASS
			5735~27000	24886.97	-36.22	≤-27	PASS
11AC80SISO	Ant1	5530	30~5460	5454.39	-36.37	≤-27	PASS
			5735~27000	24190.89	-36.61	≤-27	PASS
		5610	30~5460	5450.05	-43.38	≤-27	PASS
			5735~27000	26549.89	-36.89	≤-27	PASS
11AX20SISO	Ant1	5500	30~5460	5458.73	-41.51	≤-27	PASS
			5735~27000	26855.4	-36.13	≤-27	PASS

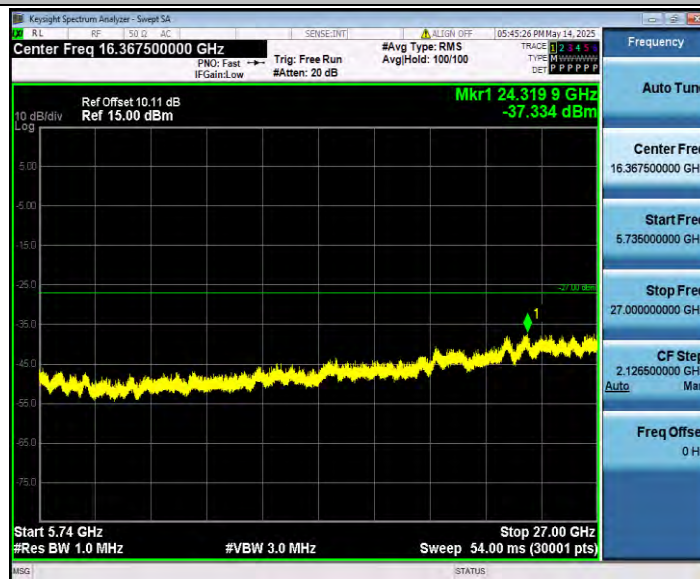
		5580	30~5460	5389.23	-44.85	≤ -27	PASS
			5735~27000	24798.36	-37.08	≤ -27	PASS
		5700	30~5460	5446.79	-45.2	≤ -27	PASS
			5735~27000	24271.7	-36.23	≤ -27	PASS
11AX40SISO	Ant1	5510	30~5460	5454.03	-36.91	≤ -27	PASS
			5735~27000	24249.02	-37.19	≤ -27	PASS
		5590	30~5460	5437.19	-46.14	≤ -27	PASS
			5735~27000	24280.92	-36.35	≤ -27	PASS
		5670	30~5460	5393.75	-44.71	≤ -27	PASS
			5735~27000	26038.11	-36.62	≤ -27	PASS
11AX80SISO	Ant1	5530	30~5460	5454.93	-36.9	≤ -27	PASS
			5735~27000	24284.46	-36.49	≤ -27	PASS
		5610	30~5460	5438.1	-45.09	≤ -27	PASS
			5735~27000	24813.96	-36.99	≤ -27	PASS

Test Graphs

11A_Ant1_5500_30~5460



11A_Ant1_5500_5735~27000



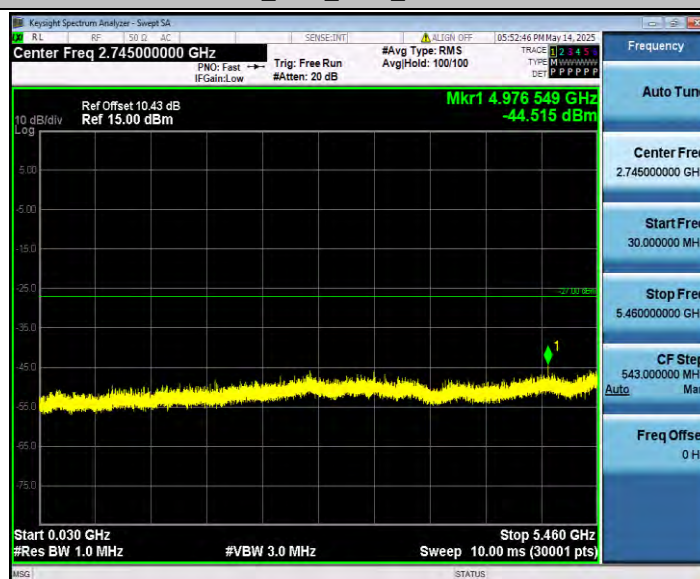
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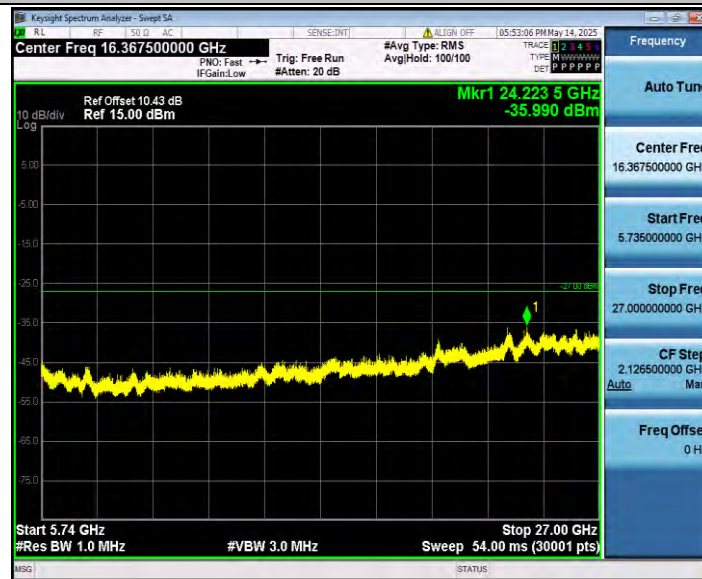
11A_Ant1_5580_5735~27000



11A_Ant1_5700_30~5460



11A_Ant1_5700_5735~27000



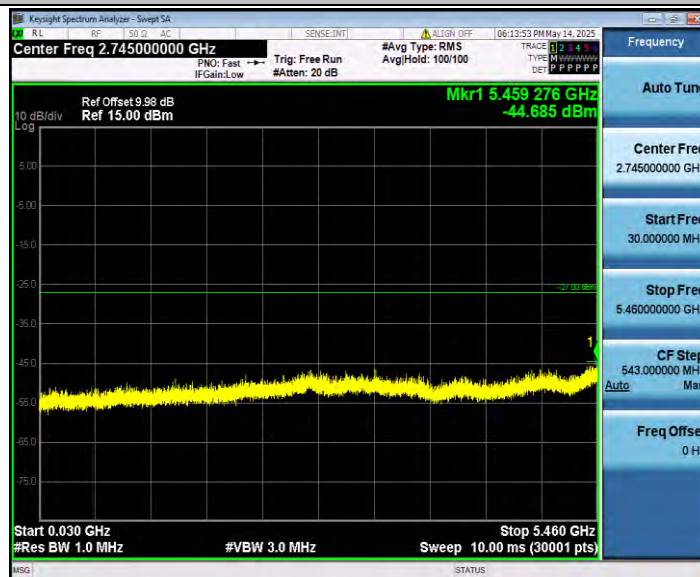
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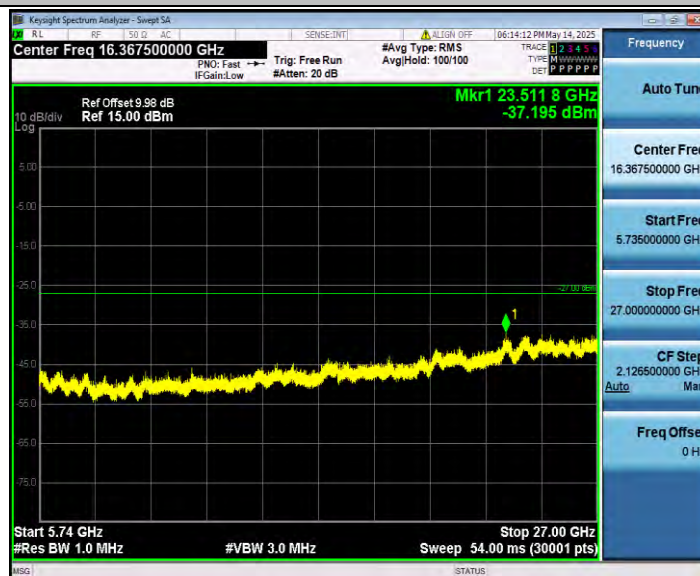
11N20SISO_Ant1_5500_5735~27000



11N20SISO_Ant1_5580_30~5460



11N20SISO_Ant1_5580_5735~27000



11N20SISO_Ant1_5700_30~5460



11N20SISO_Ant1_5700_5735~27000



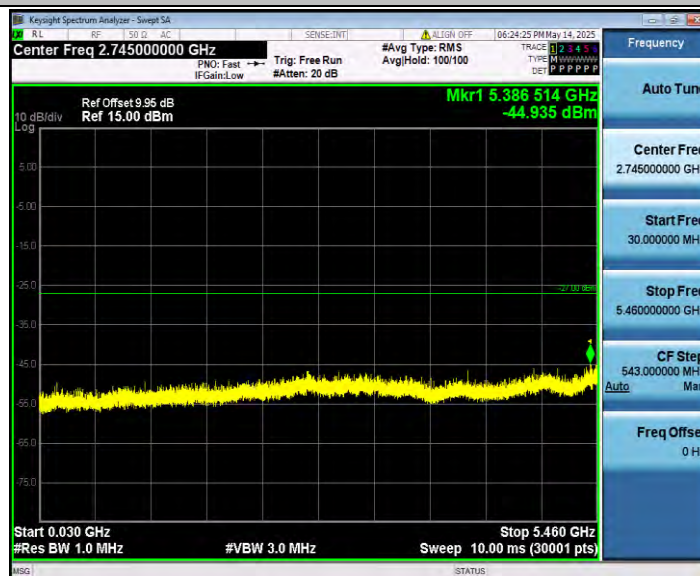
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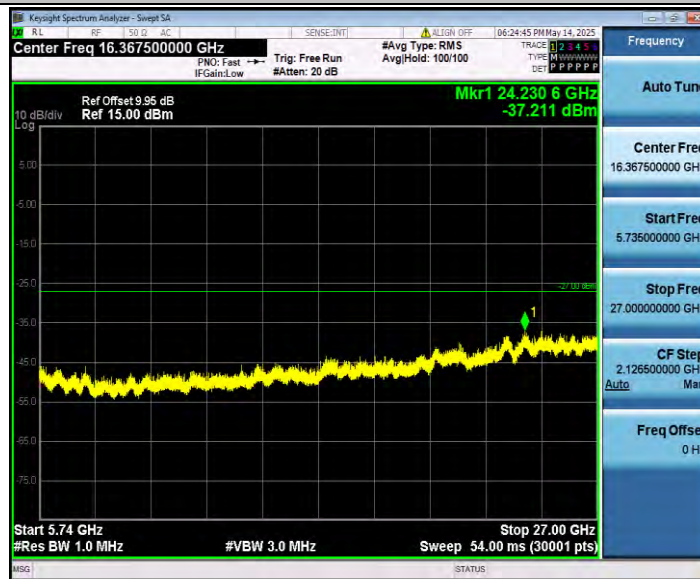
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11N40SISO_Ant1_5590_30~5460



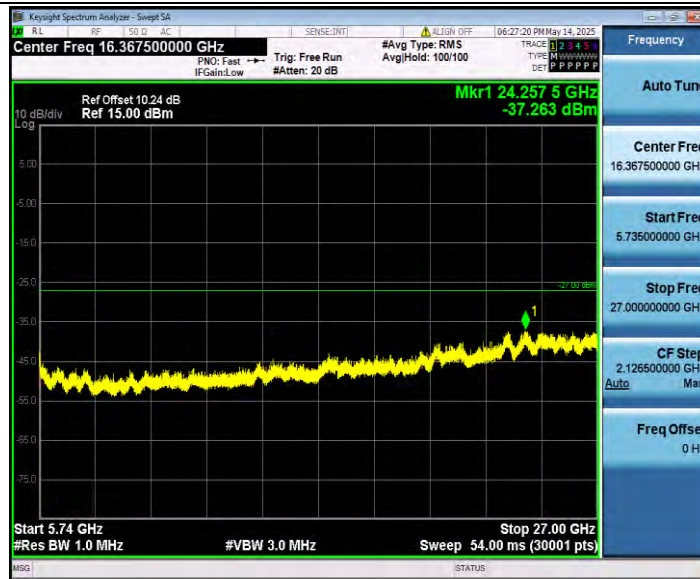
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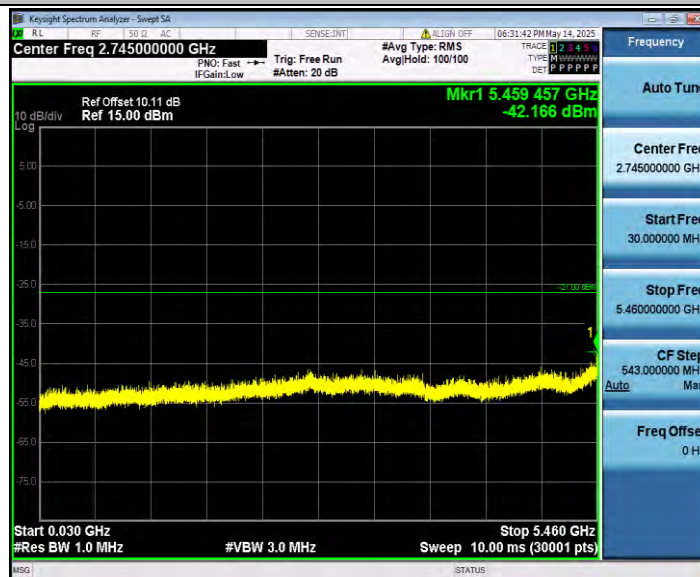
11N40SISO_Ant1_5670_30~5460



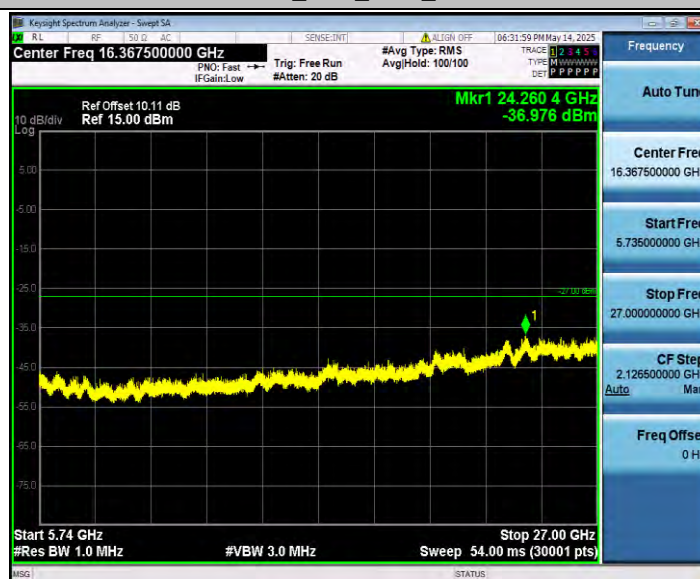
11N40SISO_Ant1_5670_5735~27000



11AC20SISO_Ant1_5500_30~5460



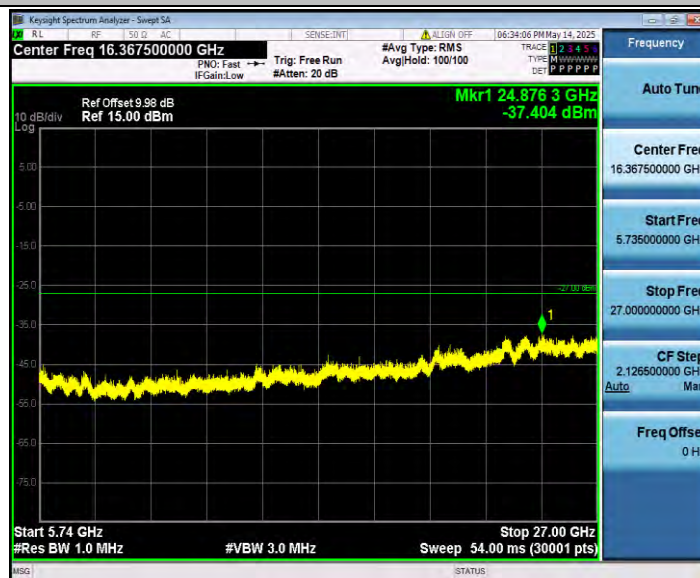
11AC20SISO_Ant1_5500_5735~27000



11AC20SISO_Ant1_5580_30~5460



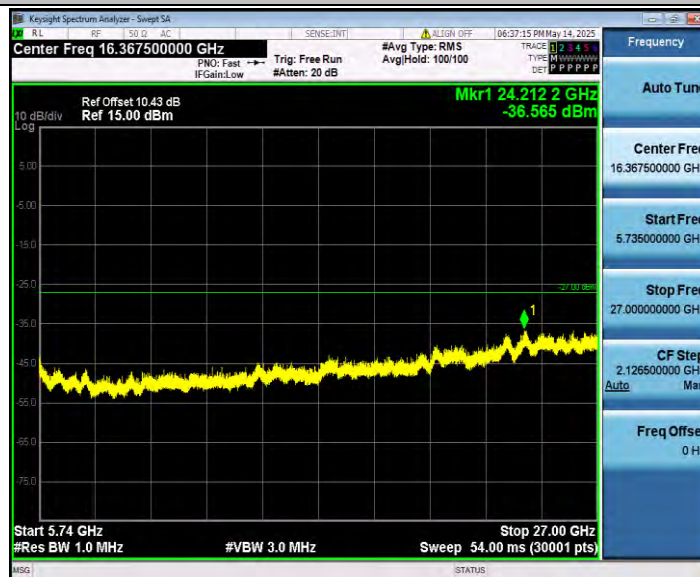
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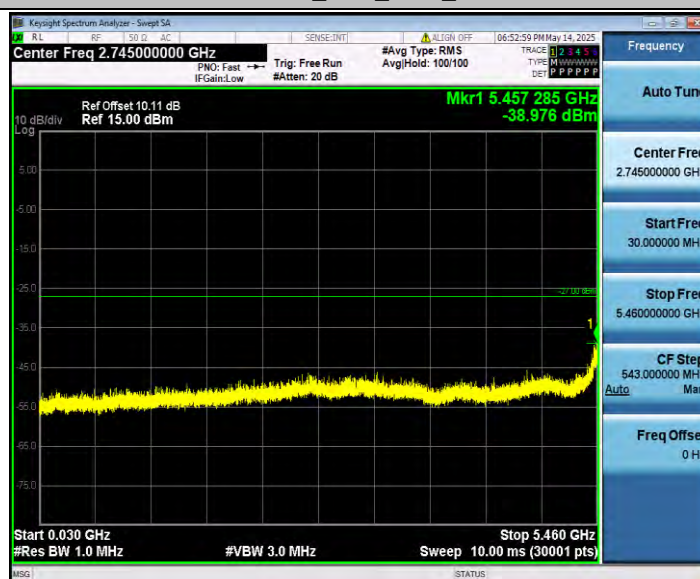
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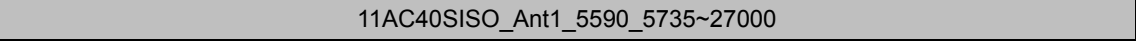
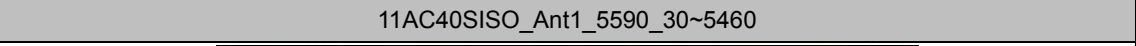


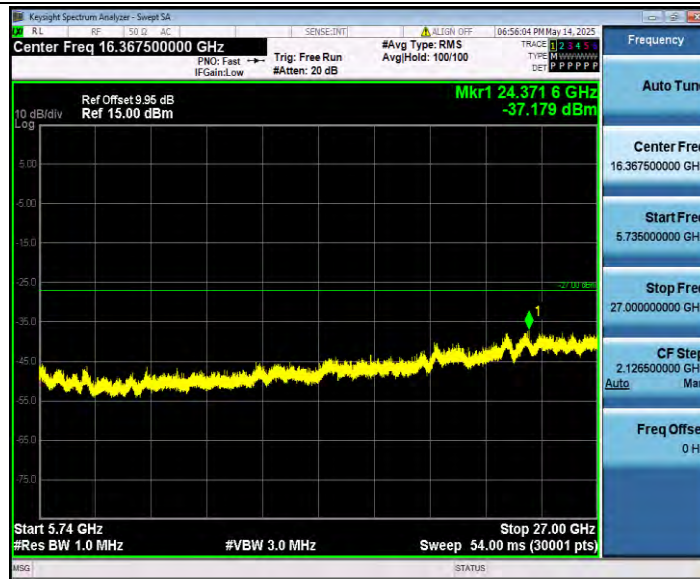
11AC20SISO_Ant1_5700_5735~27000



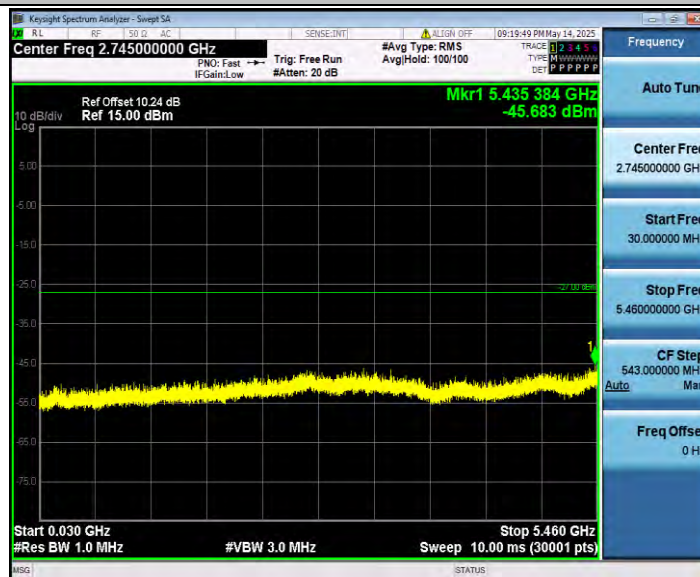
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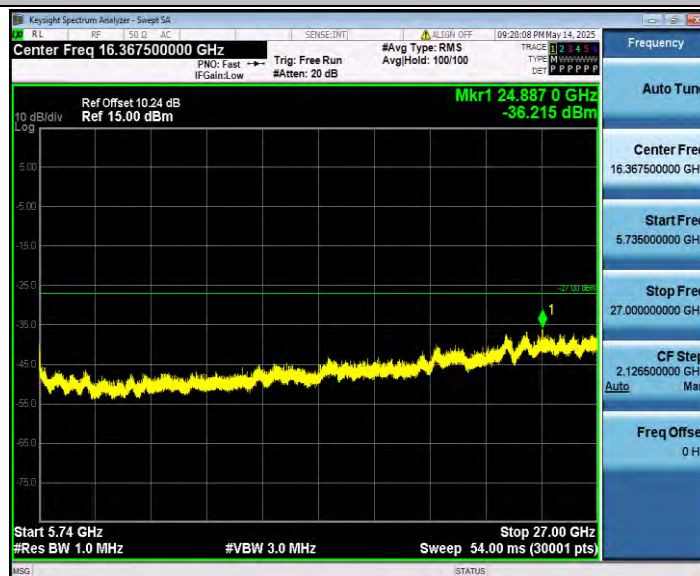




11AC40SISO_Ant1_5670_30~5460



11AC40SISO_Ant1_5670_5735~27000



11AC80SISO_Ant1_5530_30~5460



11AC80SISO_Ant1_5530_5735~27000



11AC80SISO_Ant1_5610_30~5460



11AC80SISO_Ant1_5610_5735~27000



11AX20SISO_Ant1_5500_30~5460



11AX20SISO_Ant1_5500_5735~27000



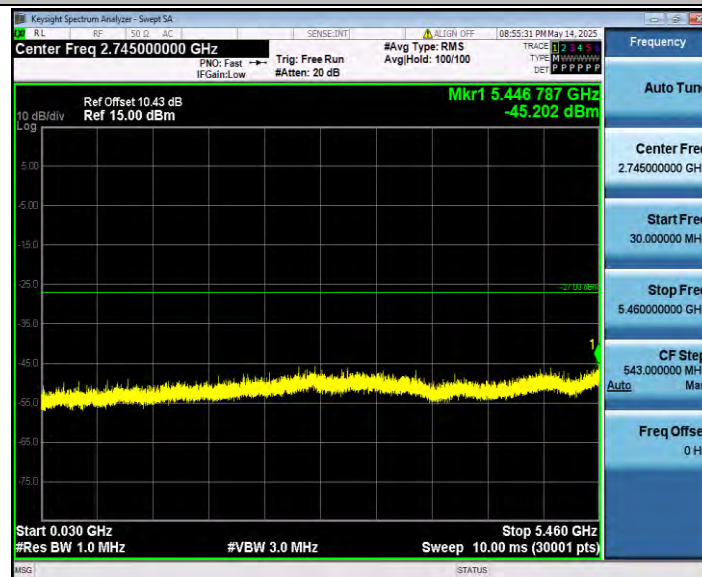
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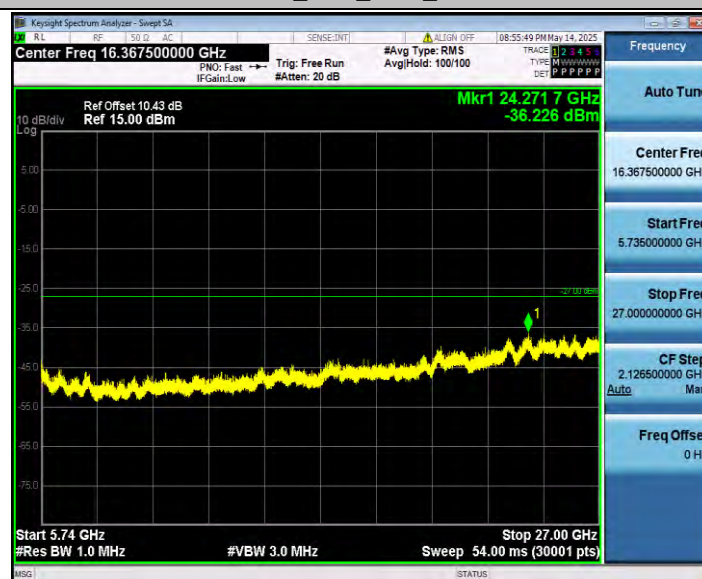
11AX20SISO_Ant1_5580_5735~27000



11AX20SISO_Ant1_5700_30~5460



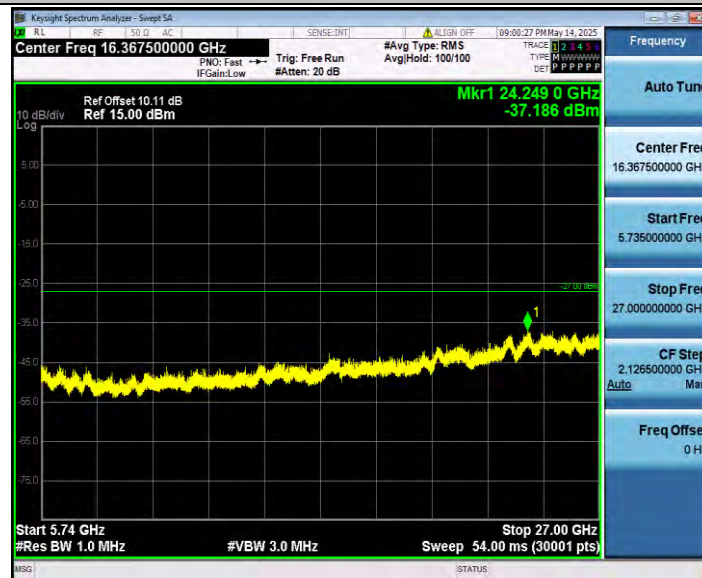
11AX20SISO_Ant1_5700_5735~27000



11AX40SISO_Ant1_5510_30~5460



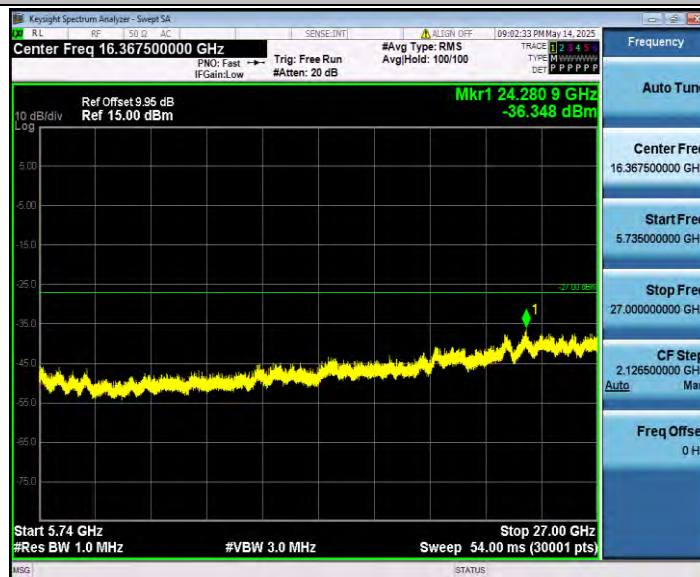
11AX40SISO_Ant1_5510_5735~27000



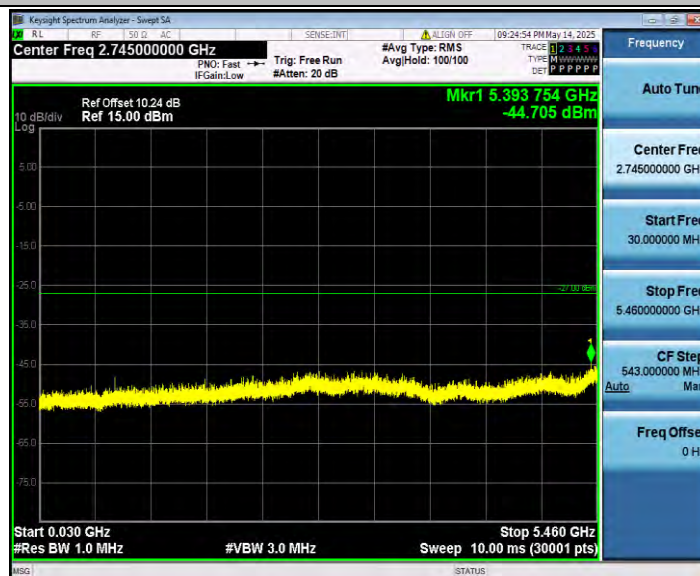
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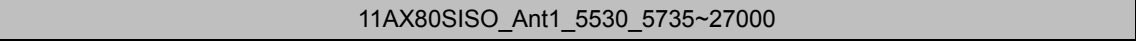
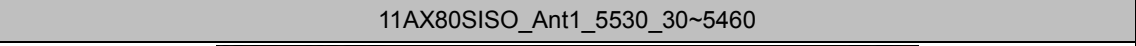


11AX40SISO_Ant1_5590_5735~27000



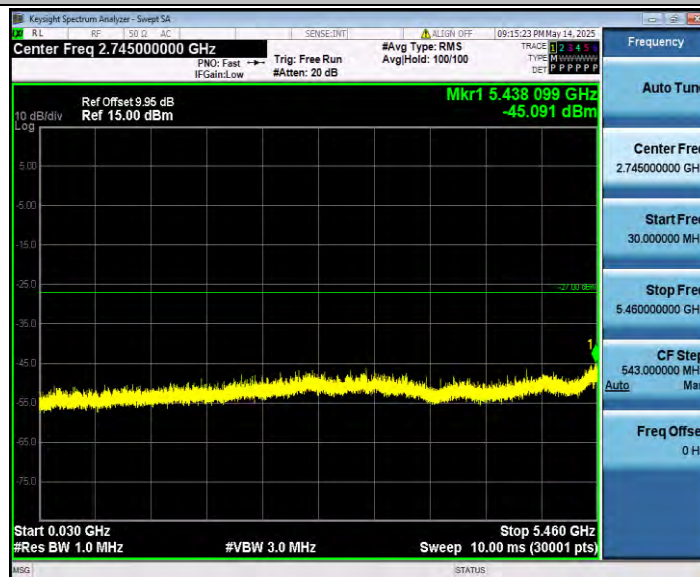
11AX40SISO_Ant1_5670_30~5460







11AX80SISO_Ant1_5610_30~5460



11AX80SISO_Ant1_5610_5735~27000

