

Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	14.84	95.87	0.18	15.02	≤23.98	PASS
		5200	12.87	95.85	0.18	13.05	≤23.98	PASS
		5240	13.09	95.87	0.18	13.27	≤23.98	PASS
11N20SISO	Ant1	5180	12.77	98.88	0.05	12.82	≤23.98	PASS
		5200	12.90	98.88	0.05	12.95	≤23.98	PASS
		5240	13.09	98.88	0.05	13.14	≤23.98	PASS
11N40SISO	Ant1	5190	12.88	98.88	0.05	12.93	≤23.98	PASS
		5230	13.12	98.88	0.05	13.17	≤23.98	PASS
11AC20SISO	Ant1	5180	12.71	98.88	0.05	12.76	≤23.98	PASS
		5200	12.90	98.88	0.05	12.95	≤23.98	PASS
		5240	13.08	99.00	0.04	13.12	≤23.98	PASS
11AC40SISO	Ant1	5190	12.85	98.88	0.05	12.90	≤23.98	PASS
		5230	12.98	99.00	0.04	13.02	≤23.98	PASS
11AC80SISO	Ant1	5210	13.01	98.88	0.05	13.06	≤23.98	PASS
11AX20SISO	Ant1	5180	12.57	98.88	0.05	12.62	≤23.98	PASS
		5200	12.66	99.00	0.04	12.70	≤23.98	PASS
		5240	12.87	98.88	0.05	12.92	≤23.98	PASS
11AX40SISO	Ant1	5190	12.52	99.00	0.04	12.56	≤23.98	PASS
		5230	12.69	98.88	0.05	12.74	≤23.98	PASS
11AX80SISO	Ant1	5210	12.82	98.88	0.05	12.87	≤23.98	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix D.5: Maximum power spectral density

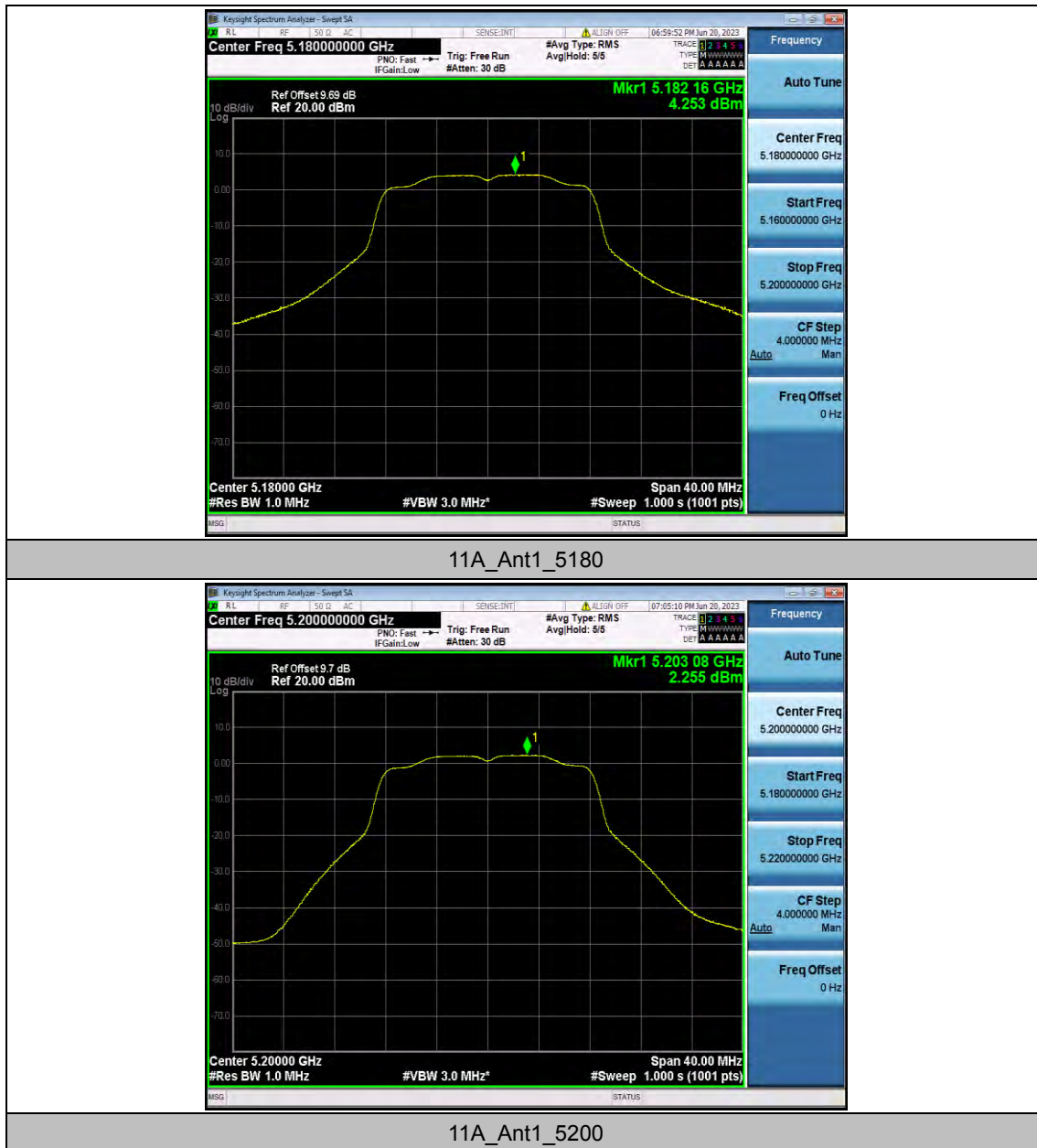
Test Result

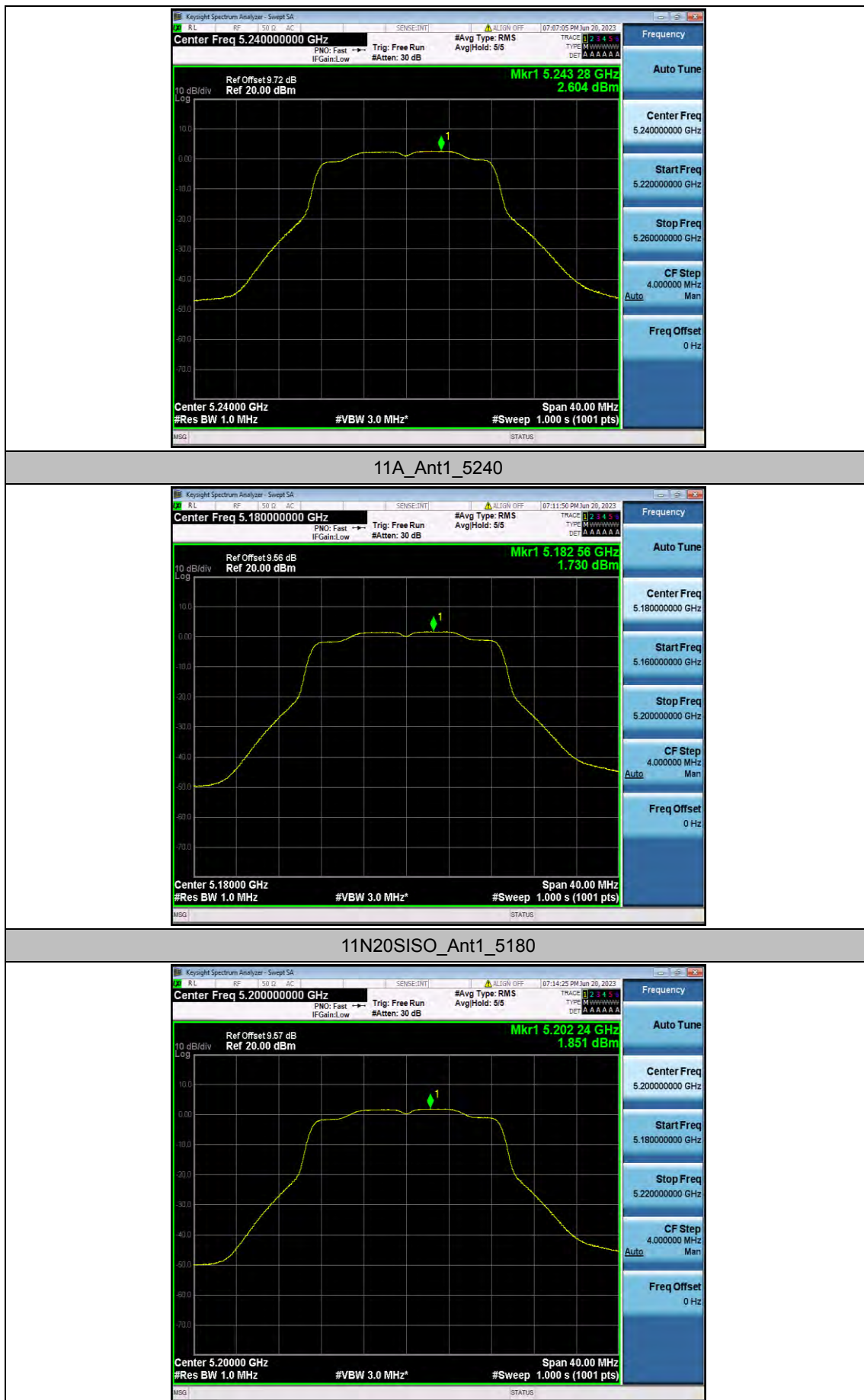
Test Mode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	4.25	≤ 11.00	PASS
		5200	2.26	≤ 11.00	PASS
		5240	2.6	≤ 11.00	PASS
11N20SISO	Ant1	5180	1.73	≤ 11.00	PASS
		5200	1.85	≤ 11.00	PASS
		5240	2.17	≤ 11.00	PASS
11N40SISO	Ant1	5190	-1.17	≤ 11.00	PASS
		5230	-1.13	≤ 11.00	PASS
11AC20SISO	Ant1	5180	1.57	≤ 11.00	PASS
		5200	1.85	≤ 11.00	PASS
		5240	2.14	≤ 11.00	PASS
11AC40SISO	Ant1	5190	-1.29	≤ 11.00	PASS
		5230	-1.2	≤ 11.00	PASS
11AC80SISO	Ant1	5210	-4.07	≤ 11.00	PASS
11AX20SISO	Ant1	5180	1.25	≤ 11.00	PASS
		5200	1.38	≤ 11.00	PASS
		5240	1.71	≤ 11.00	PASS
11AX40SISO	Ant1	5190	-1.87	≤ 11.00	PASS
		5230	-1.7	≤ 11.00	PASS
11AX80SISO	Ant1	5210	-4.34	≤ 11.00	PASS

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

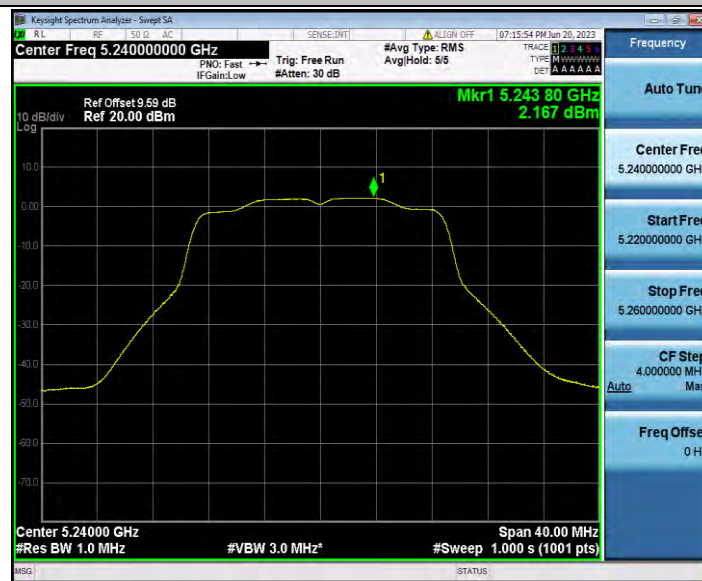
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs





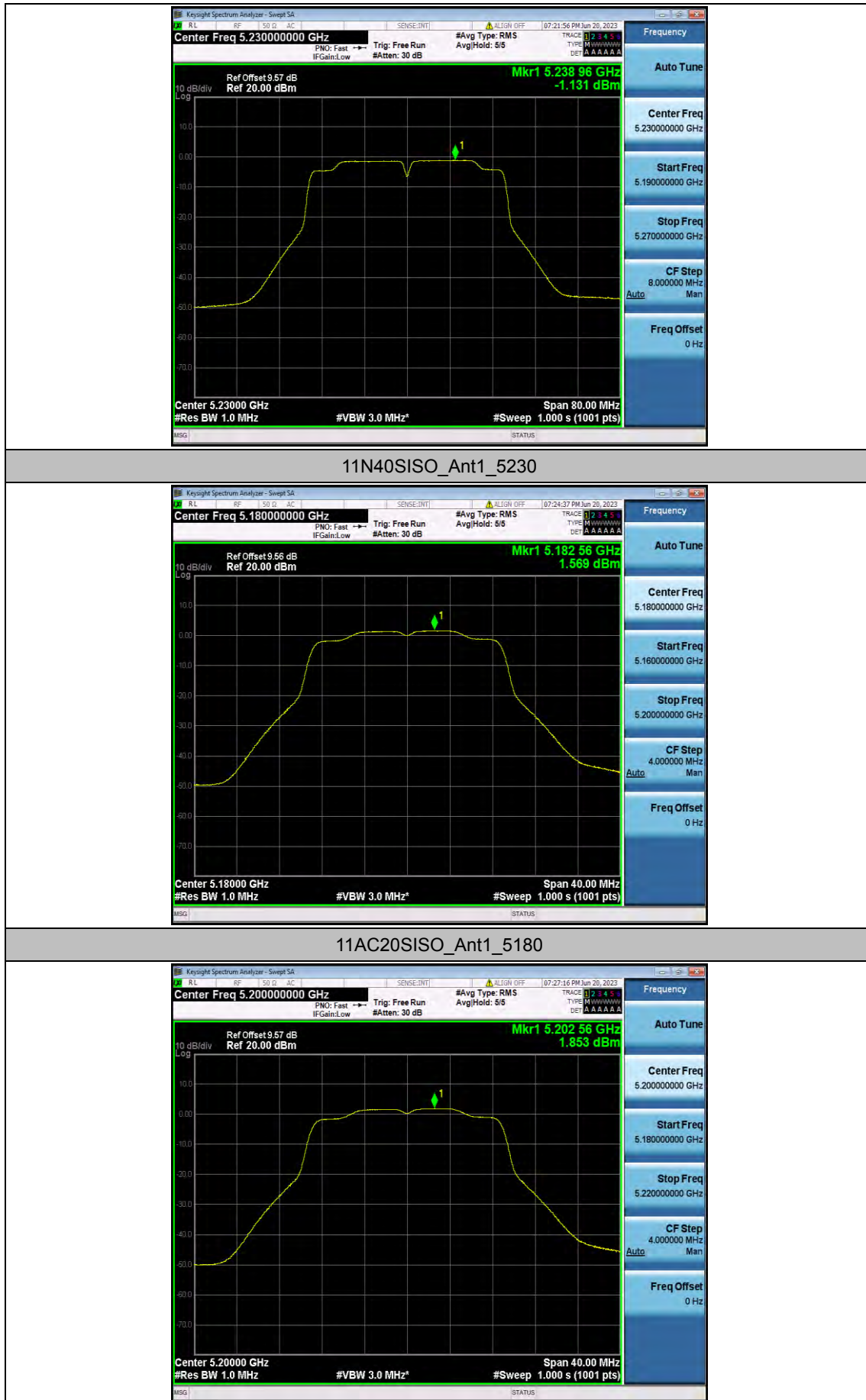
11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



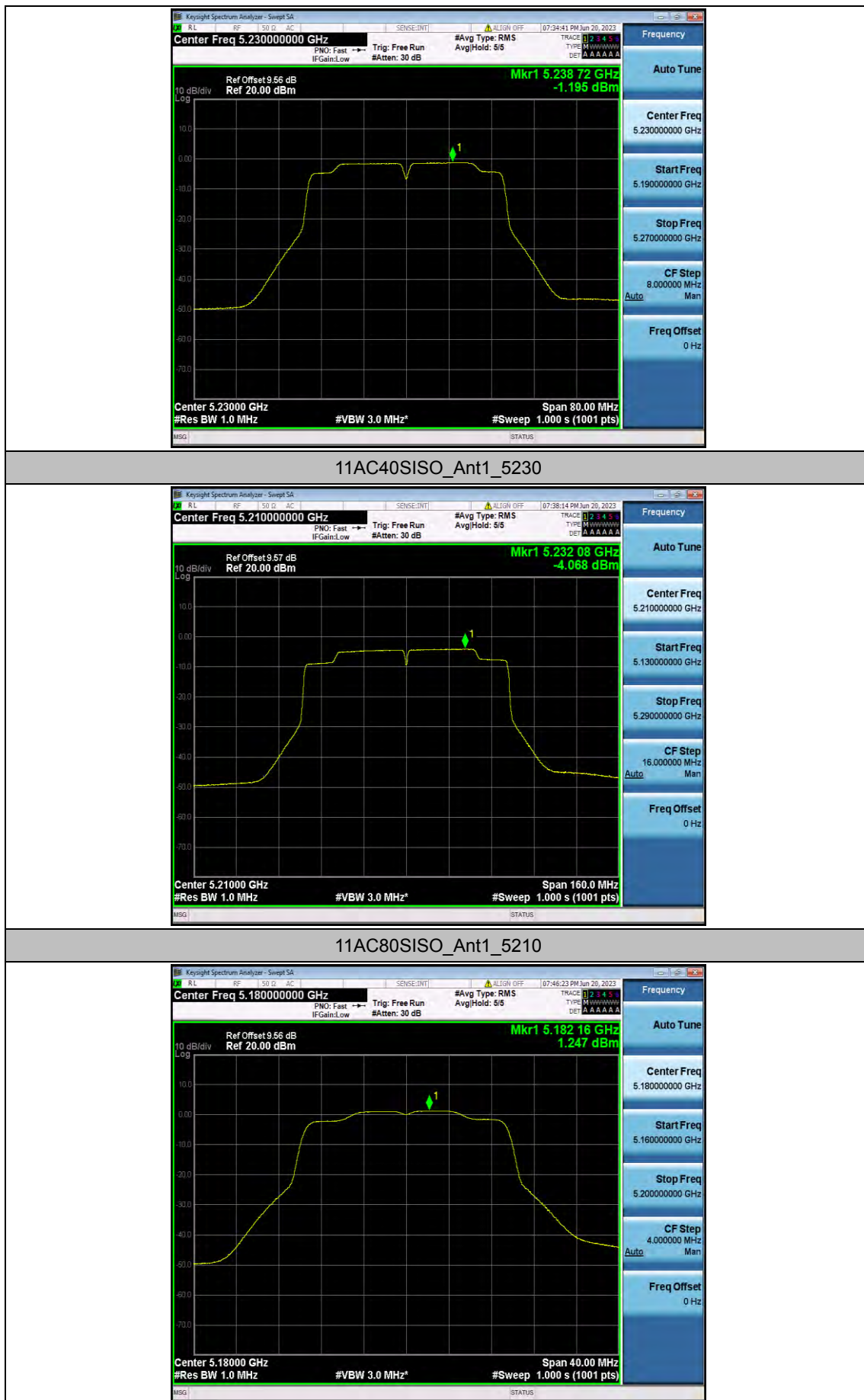
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



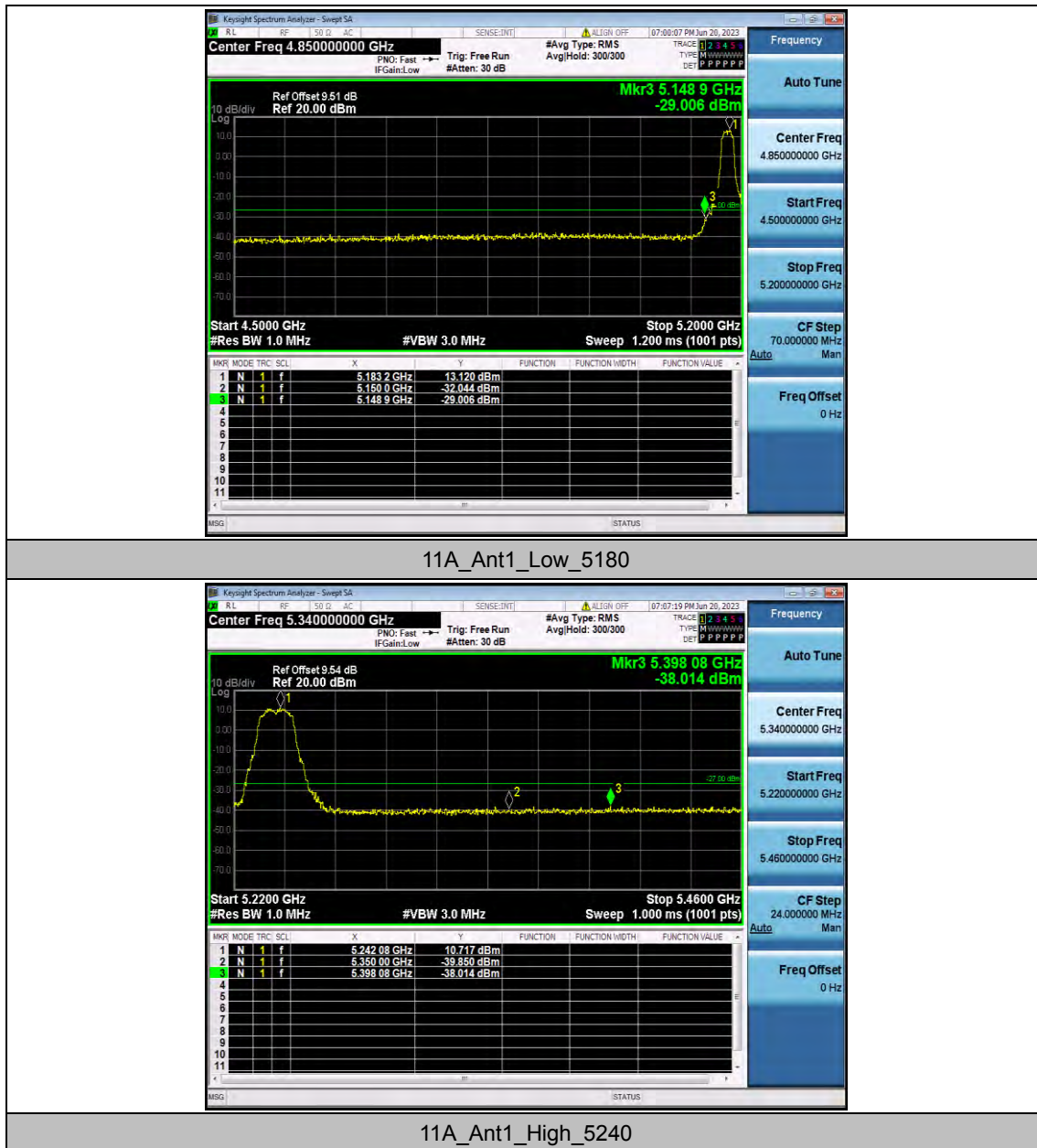
11AX80SISO_Ant1_5210

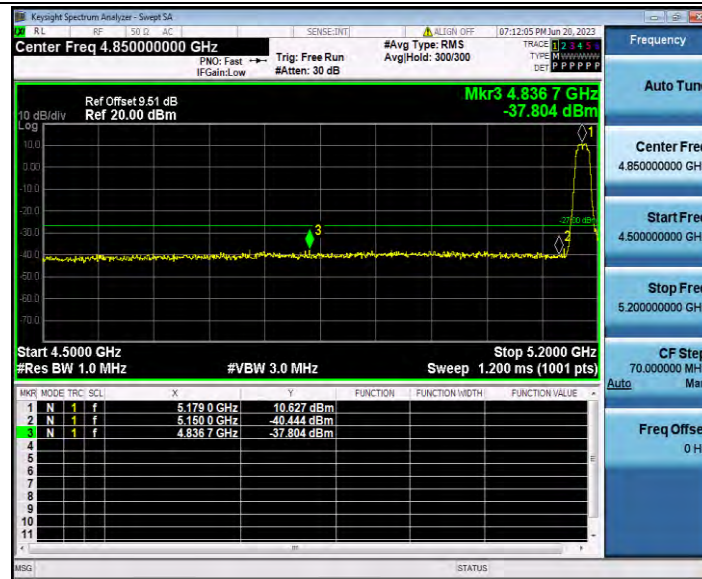
Appendix D.6: Band edge measurements

Test Result B1

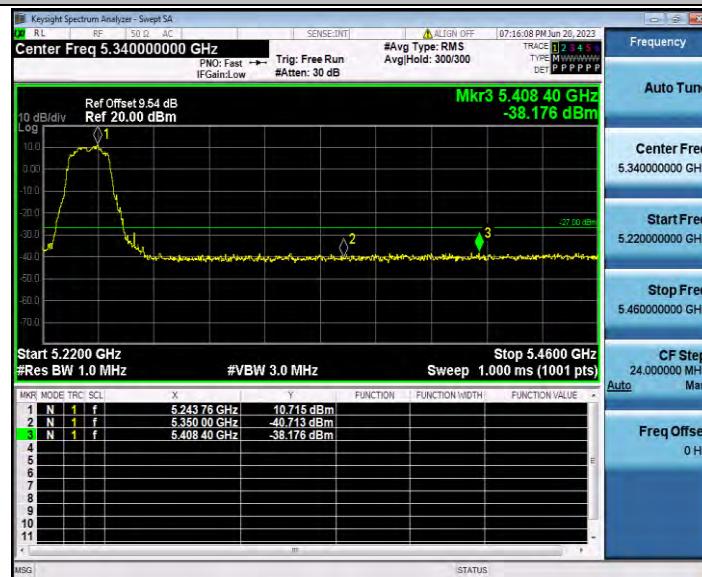
Test Mode	Antenna	ChName	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	Low	5180	-29.01	≤ -27	PASS
		High	5240	-38.01	≤ -27	PASS
11N20SISO	Ant1	Low	5180	-37.8	≤ -27	PASS
		High	5240	-38.18	≤ -27	PASS
11N40SISO	Ant1	Low	5190	-36.95	≤ -27	PASS
		High	5230	-38.14	≤ -27	PASS
11AC20SISO	Ant1	Low	5180	-37.64	≤ -27	PASS
		High	5240	-38.04	≤ -27	PASS
11AC40SISO	Ant1	Low	5190	-37.21	≤ -27	PASS
		High	5230	-37.32	≤ -27	PASS
11AC80SISO	Ant1	Low	5210	-37.61	≤ -27	PASS
		High	5210	-37.86	≤ -27	PASS
11AX20SISO	Ant1	Low	5180	-37.76	≤ -27	PASS
		High	5240	-37.72	≤ -27	PASS
11AX40SISO	Ant1	Low	5190	-37.8	≤ -27	PASS
		High	5230	-37.6	≤ -27	PASS
11AX80SISO	Ant1	Low	5210	-37.43	≤ -27	PASS
		High	5210	-38.12	≤ -27	PASS

Test Graphs B1

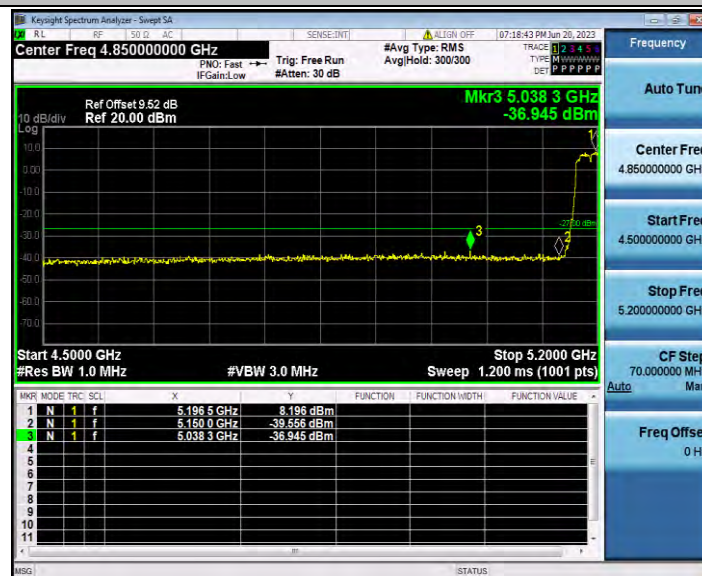




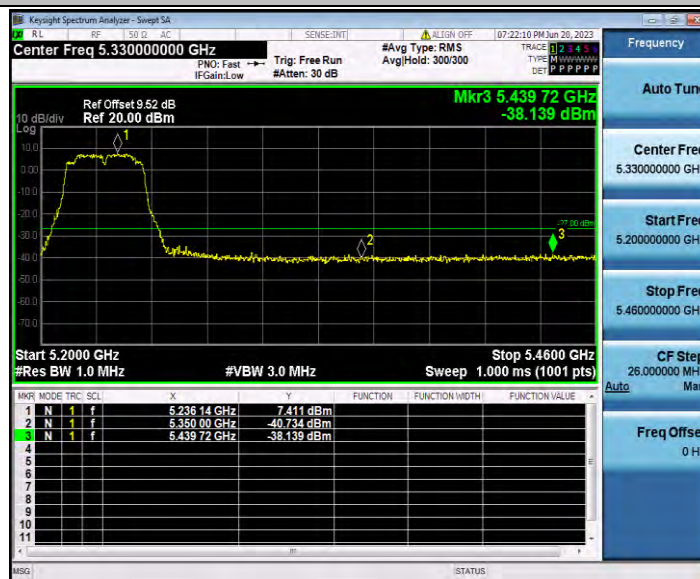
11N20SISO_Ant1_Low_5180



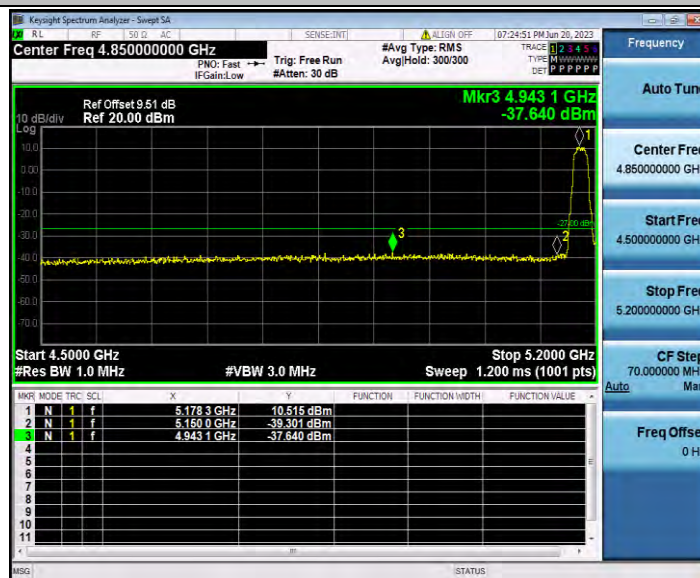
11N20SISO_Ant1_High_5240



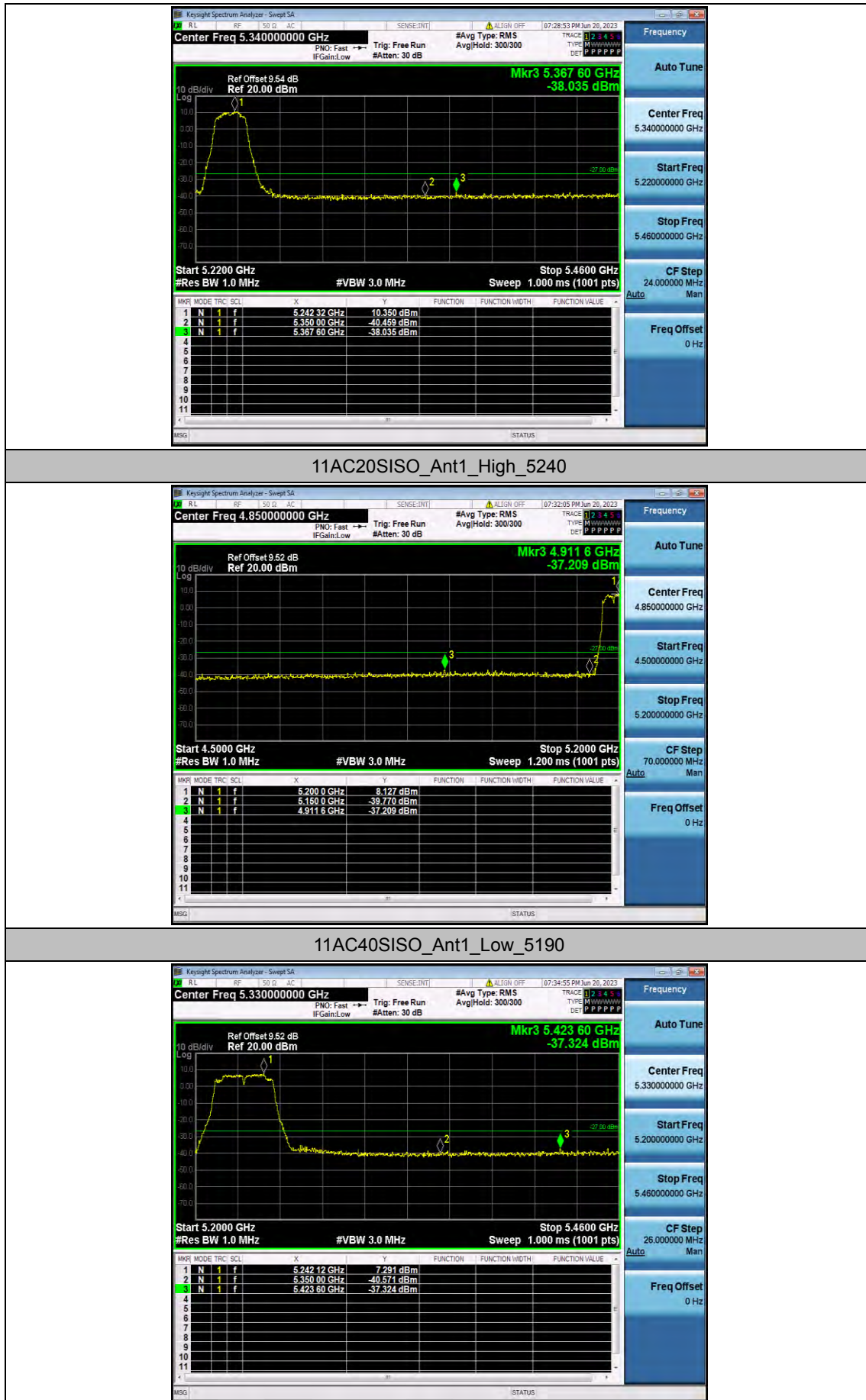
11N40SISO_Ant1_Low_5190



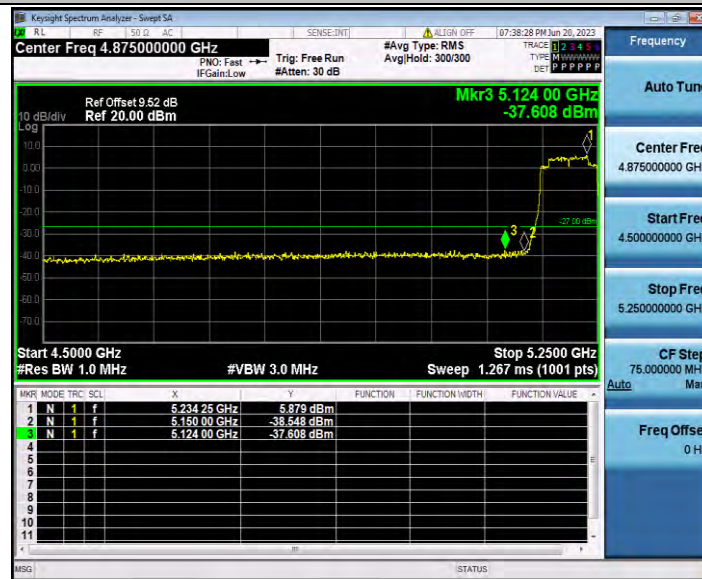
11N40SISO_Ant1_High_5230



11AC20SISO_Ant1_Low_5180



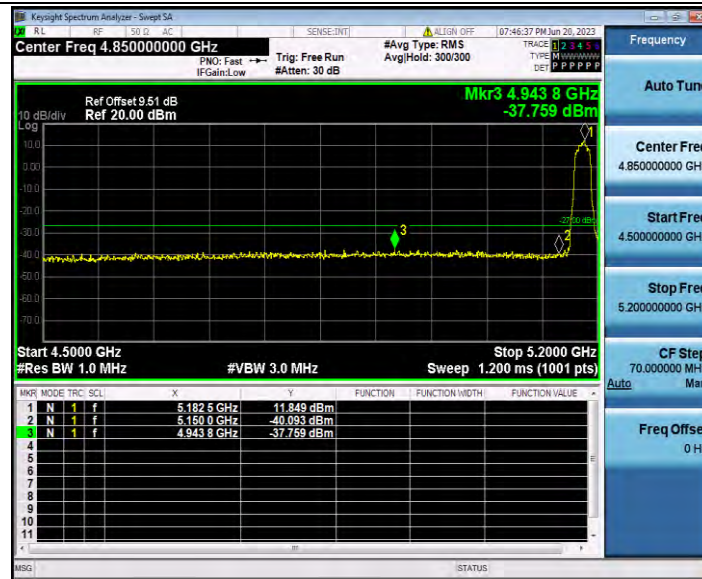
11AC40SISO_Ant1_High_5230



11AC80SISO_Ant1_Low_5210



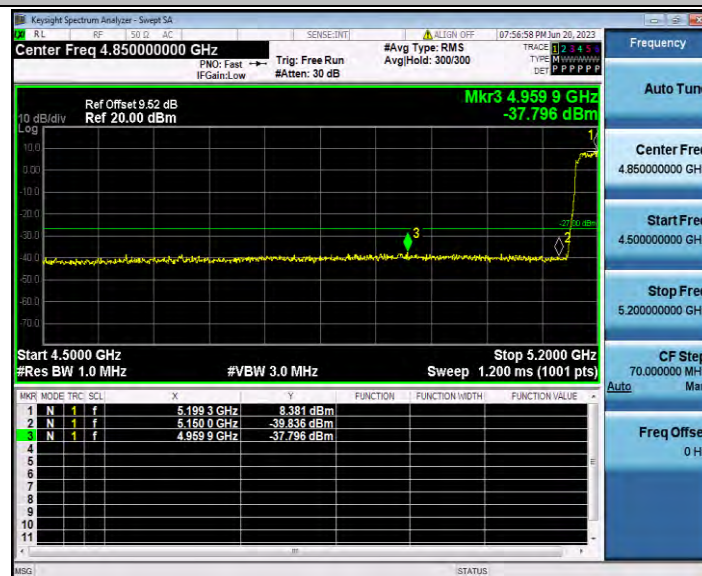
11AC80SISO_Ant1_High_5210



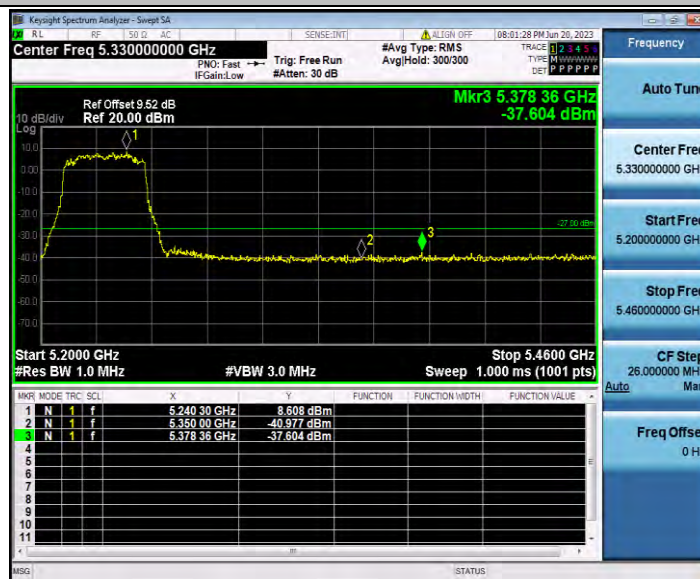
11AX20SISO_Ant1_Low_5180



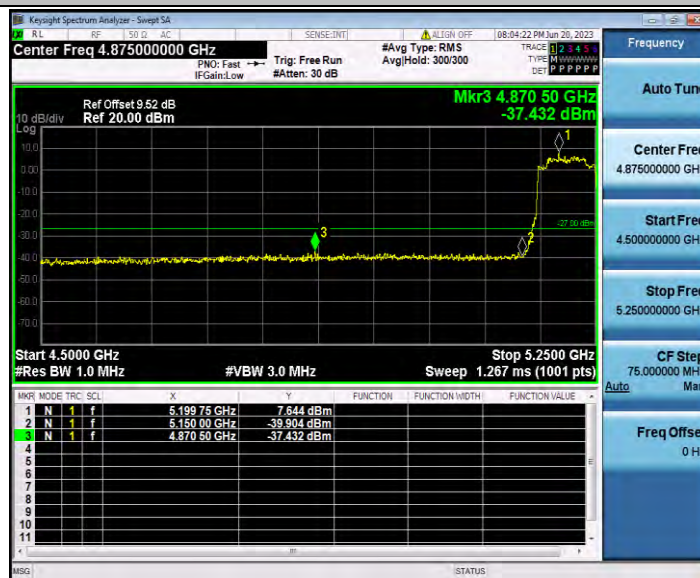
11AX20SISO_Ant1_High_5240



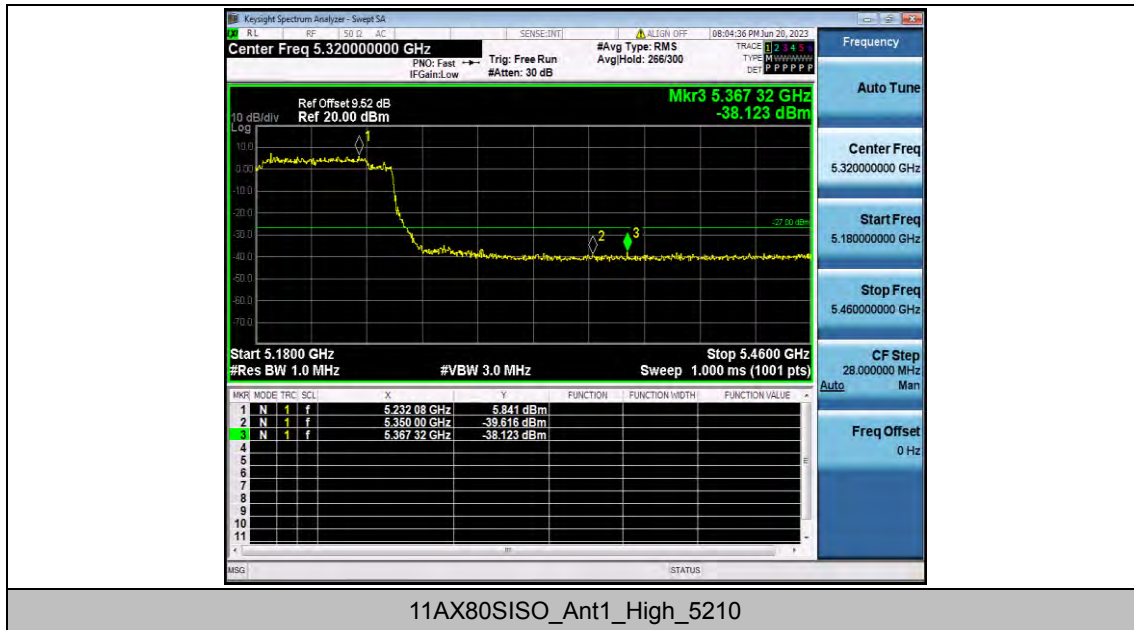
11AX40SISO_Ant1_Low_5190



11AX40SISO_Ant1_High_5230



11AX80SISO_Ant1_Low_5210



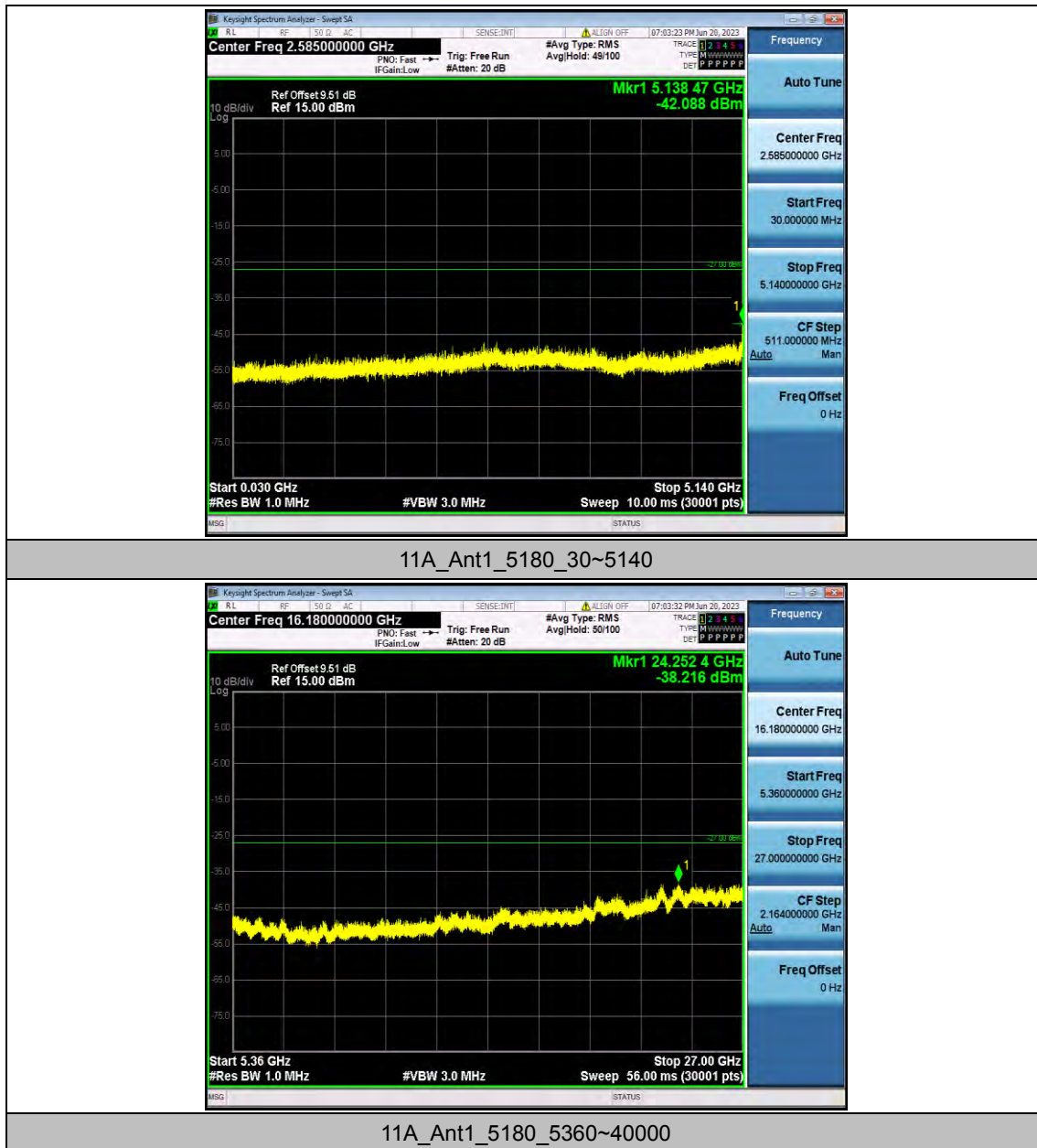
Appendix D.7: Conducted Spurious Emission

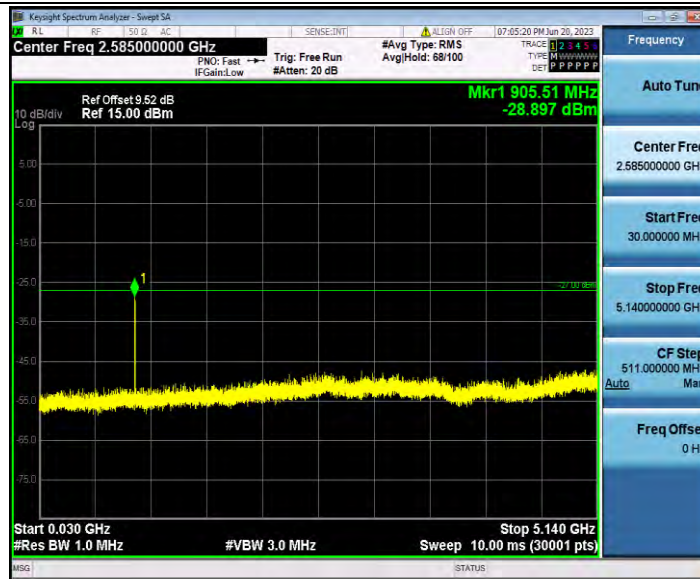
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	30~5140	5138.47	-42.09	≤-27	PASS
			5360~40000	24252.44	-38.22	≤-27	PASS
		5200	30~5140	905.51	-28.9	≤-27	PASS
			5360~40000	26714.35	-37.91	≤-27	PASS
		5240	30~5140	905.68	-44.5	≤-27	PASS
			5360~40000	23567.17	-38.56	≤-27	PASS
11N20SISO	Ant1	5180	30~5140	5088.05	-47.26	≤-27	PASS
			5360~40000	24287.79	-38.08	≤-27	PASS
		5200	30~5140	4976.31	-45.24	≤-27	PASS
			5360~40000	24785.51	-37.73	≤-27	PASS
		5240	30~5140	5083.62	-46.43	≤-27	PASS
			5360~40000	24175.26	-37.7	≤-27	PASS
11N40SISO	Ant1	5190	30~5140	5120.07	-45.8	≤-27	PASS
			5360~40000	24844.66	-38.09	≤-27	PASS
		5230	30~5140	5086.69	-45.5	≤-27	PASS
			5360~40000	24175.98	-38.1	≤-27	PASS
11AC20SISO	Ant1	5180	30~5140	5132.85	-47.32	≤-27	PASS
			5360~40000	24909.58	-37.14	≤-27	PASS
		5200	30~5140	5024.17	-46.14	≤-27	PASS
			5360~40000	25068.27	-37.74	≤-27	PASS
		5240	30~5140	2591.81	-42.67	≤-27	PASS
			5360~40000	25997.35	-38.1	≤-27	PASS
11AC40SISO	Ant1	5190	30~5140	5036.95	-47.06	≤-27	PASS
			5360~40000	26119.25	-37.94	≤-27	PASS
		5230	30~5140	4951.95	-46.65	≤-27	PASS
			5360~40000	24333.23	-37.68	≤-27	PASS
11AC80SISO	Ant1	5210	30~5140	5139.66	-42.75	≤-27	PASS
			5360~40000	26528.25	-37.78	≤-27	PASS
11AX20SISO	Ant1	5180	30~5140	2522.49	-45.66	≤-27	PASS
			5360~40000	24283.46	-38.46	≤-27	PASS
		5200	30~5140	2539.18	-45.95	≤-27	PASS
			5360~40000	24240.18	-37.91	≤-27	PASS
		5240	30~5140	5036.27	-47.4	≤-27	PASS
			5360~40000	26090.4	-37.69	≤-27	PASS
11AX40SISO	Ant1	5190	30~5140	5140	-46.33	≤-27	PASS
			5360~40000	26586.68	-37.93	≤-27	PASS

		5230	30~5140	2520.78	-43.74	≤-27	PASS
			5360~40000	24850.43	-38.23	≤-27	PASS
11AX80SISO	Ant1	5210	30~5140	5138.81	-43.48	≤-27	PASS
			5360~40000	24739.34	-37.91	≤-27	PASS

Test Graphs

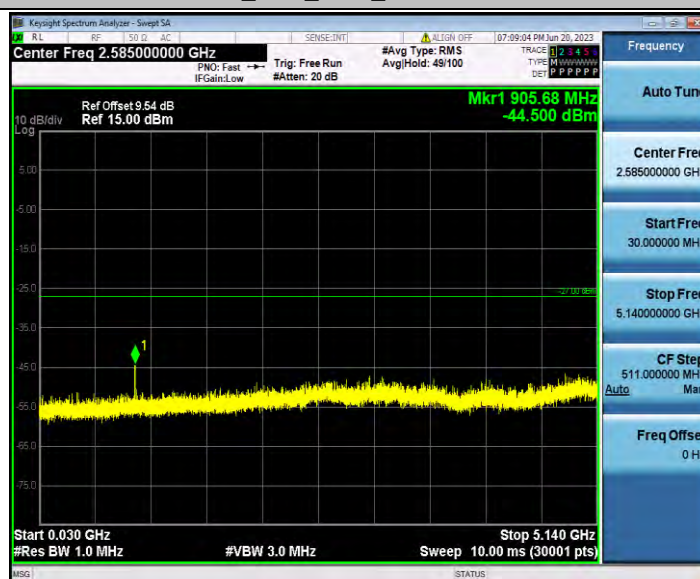




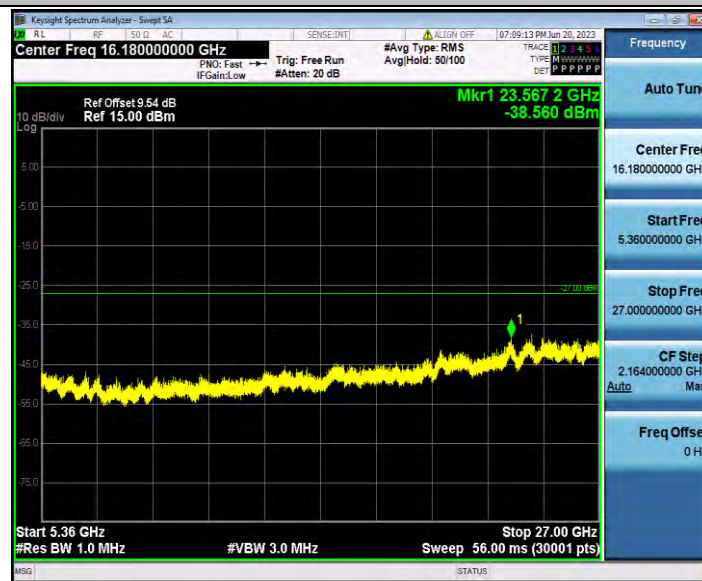
11A_Ant1_5200_30~5140



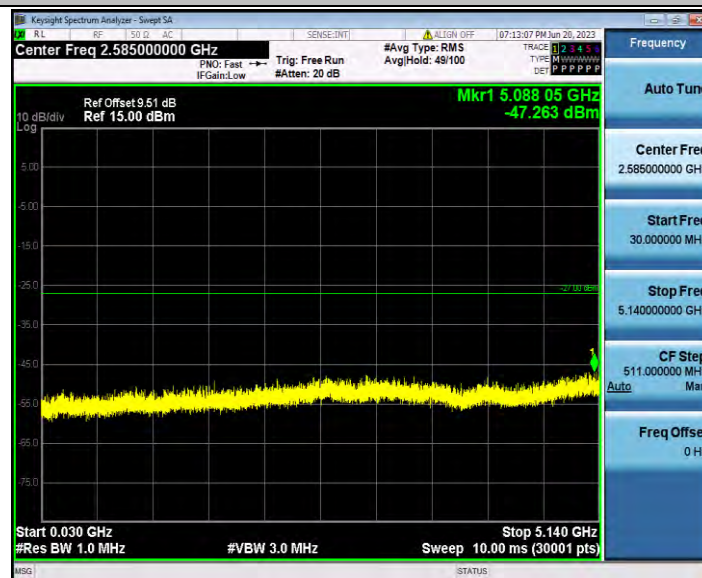
11A_Ant1_5200_5360~40000



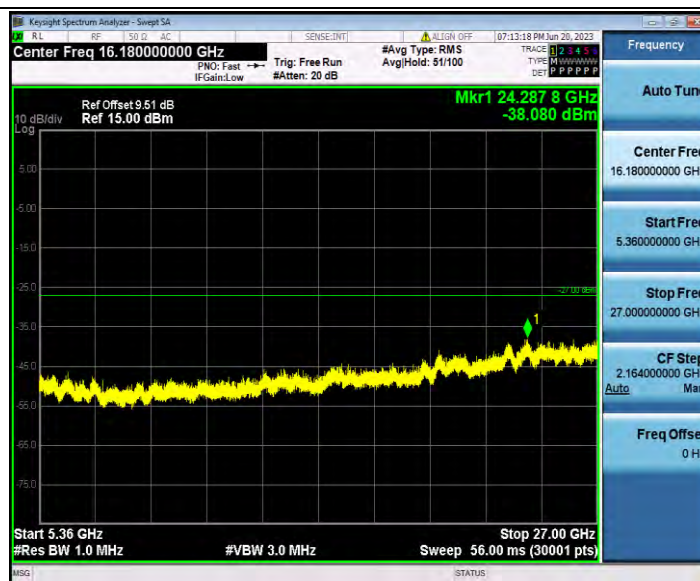
11A_Ant1_5240_30~5140



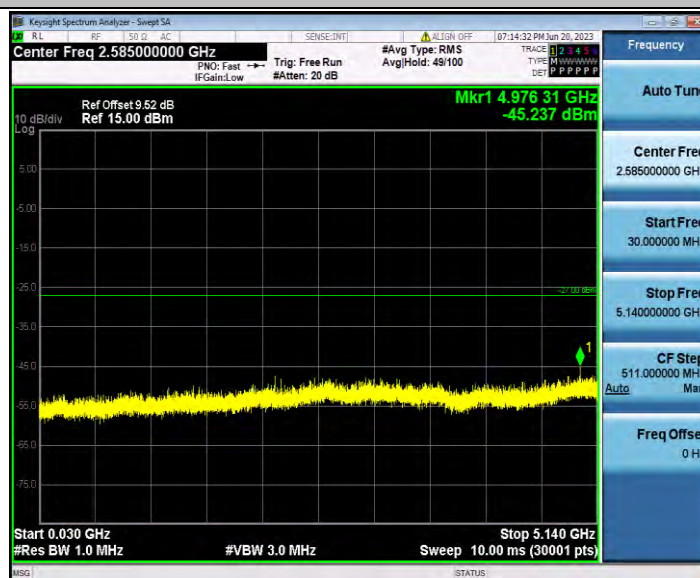
11A_Ant1_5240_5360~40000



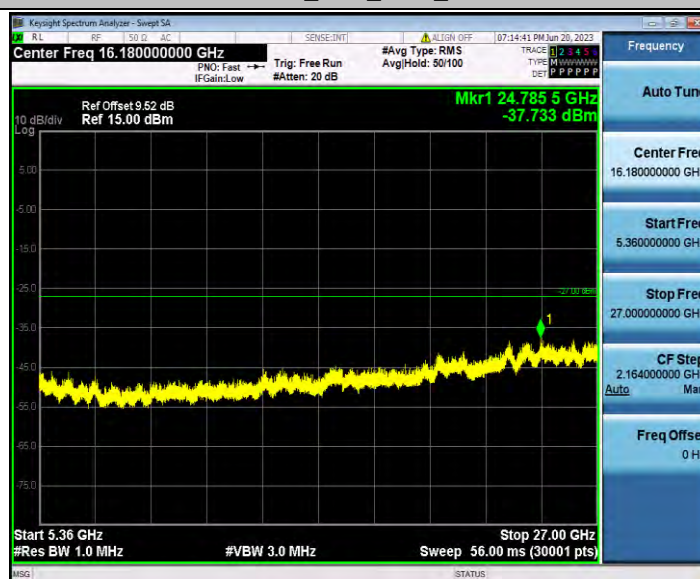
11N20SISO_Ant1_5180_30~5140



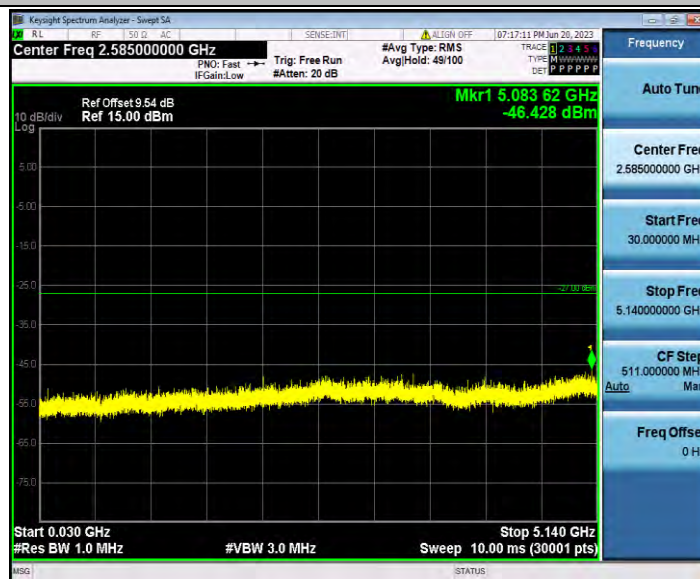
11N20SISO_Ant1_5180_5360~40000



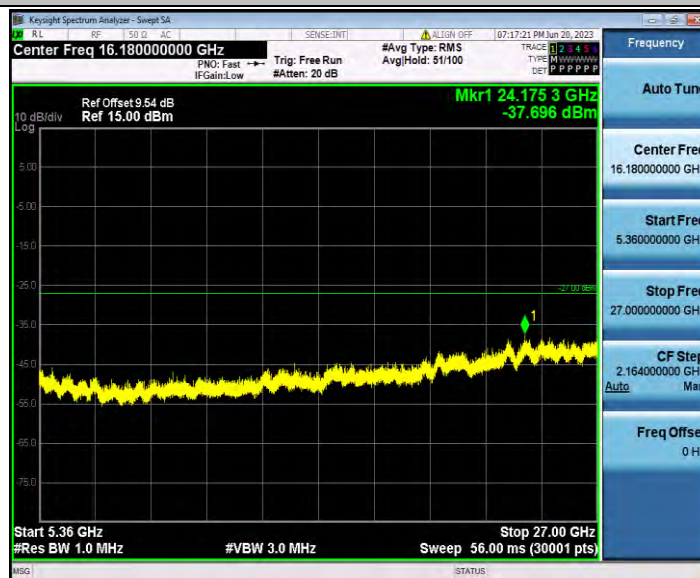
11N20SISO_Ant1_5200_30~5140



11N20SISO_Ant1_5200_5360~40000



11N20SISO_Ant1_5240_30~5140



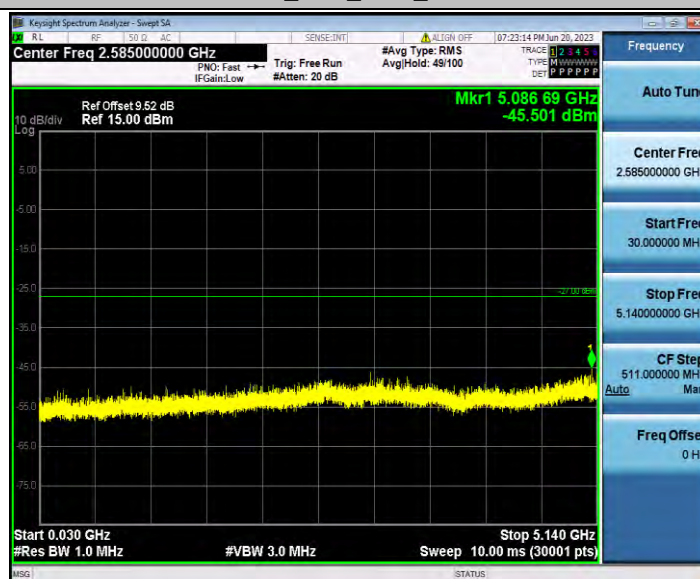
11N20SISO_Ant1_5240_5360~40000



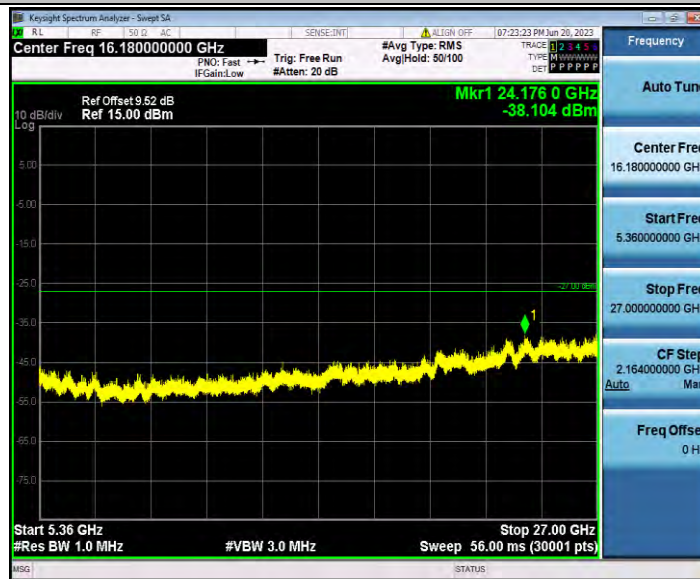
11N40SISO_Ant1_5190_30~5140



11N40SISO_Ant1_5190_5360~40000



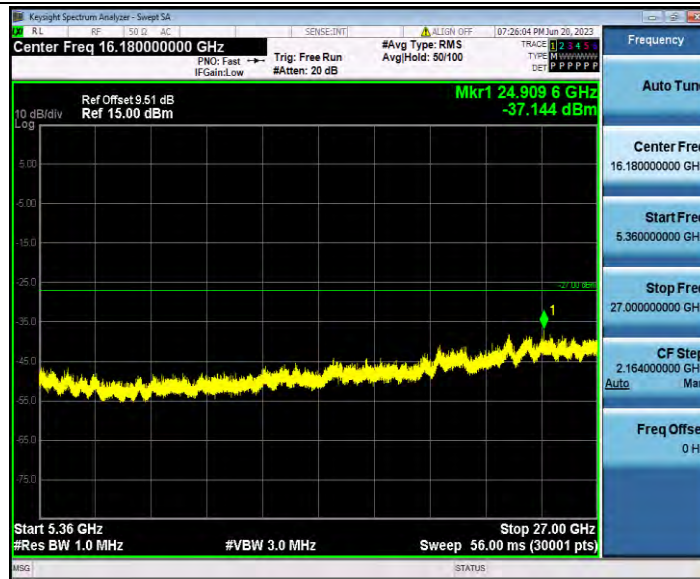
11N40SISO_Ant1_5230_30~5140



11N40SISO_Ant1_5230_5360~40000



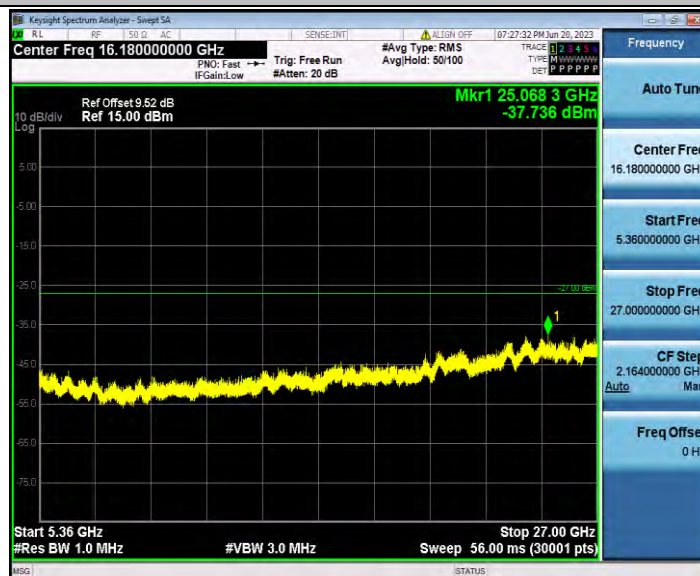
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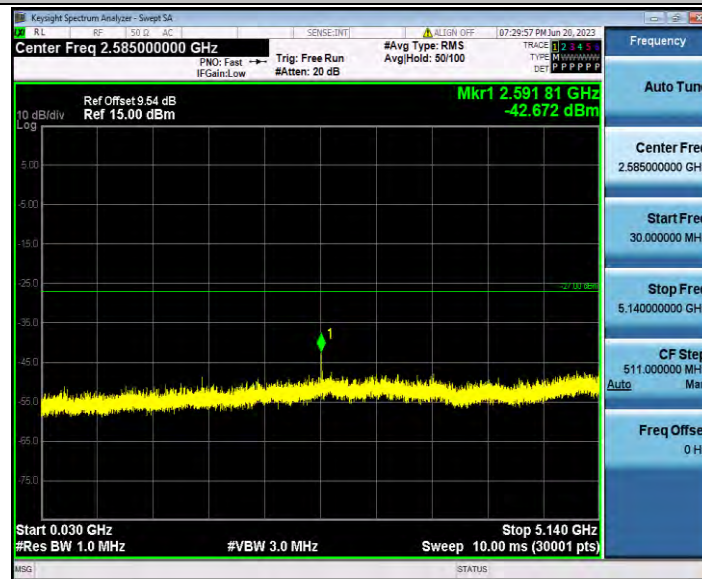
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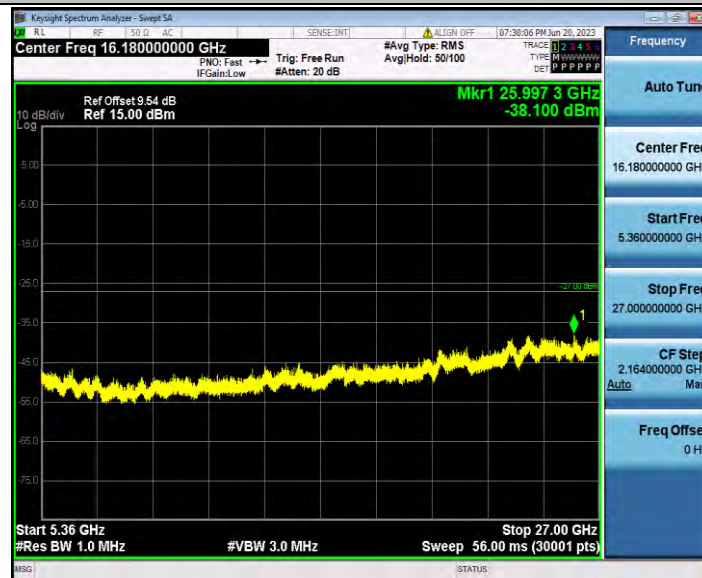
11AC20SISO_Ant1_5200_30~5140



11AC20SISO_Ant1_5200_5360~40000



11AC20SISO_Ant1_5240_30~5140



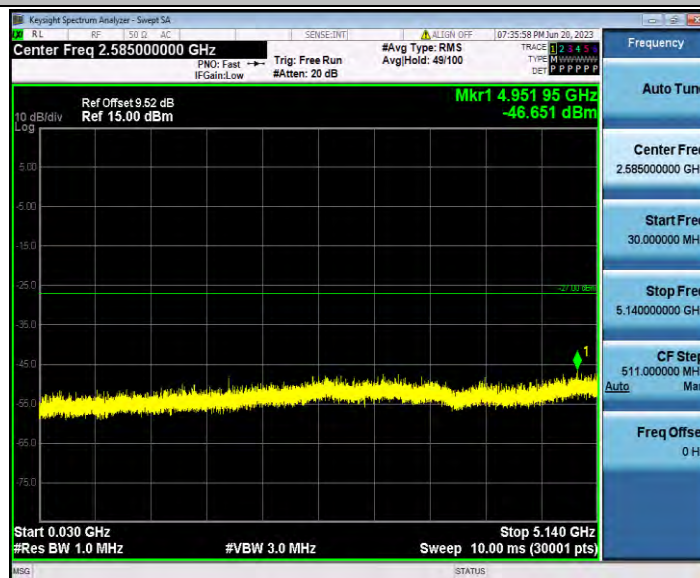
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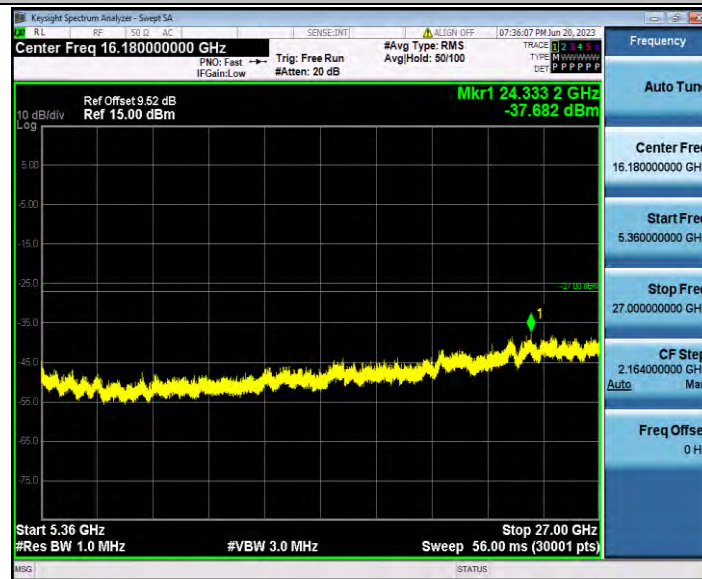
11AC40SISO_Ant1_5190_30~5140



11AC40SISO_Ant1_5190_5360~40000



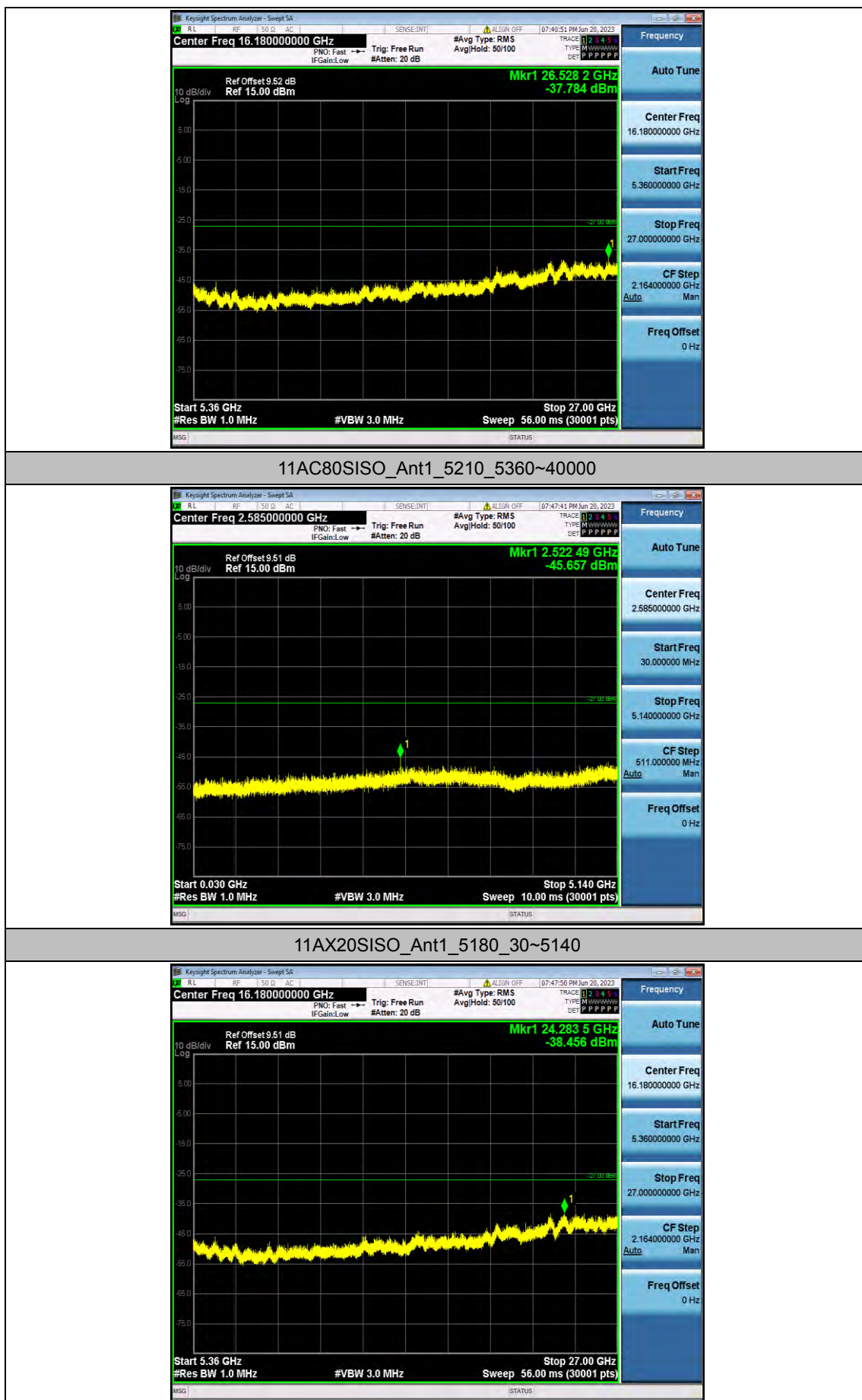
11AC40SISO_Ant1_5230_30~5140



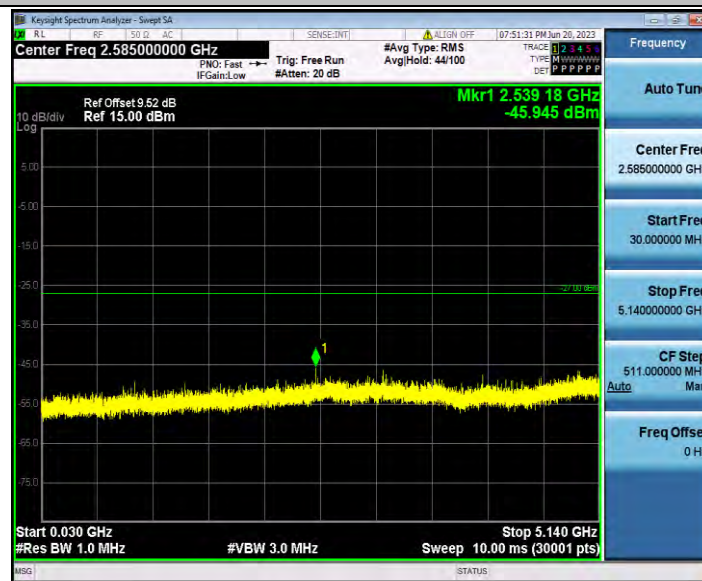
11AC40SISO_Ant1_5230_5360~40000



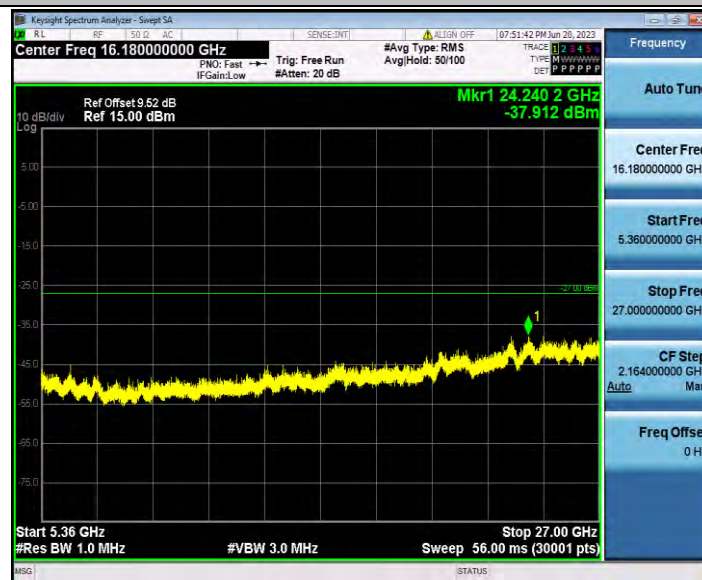
11AC80SISO_Ant1_5210_30~5140



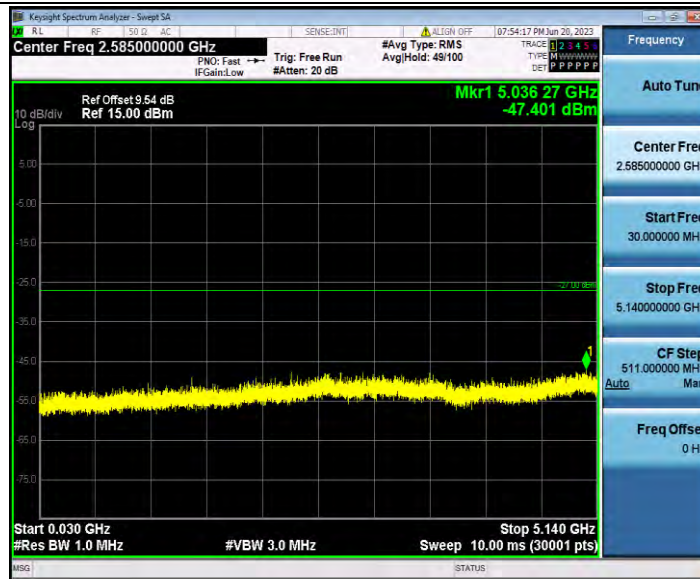
11AX20SISO_Ant1_5180_5360~40000



11AX20SISO_Ant1_5200_30~5140



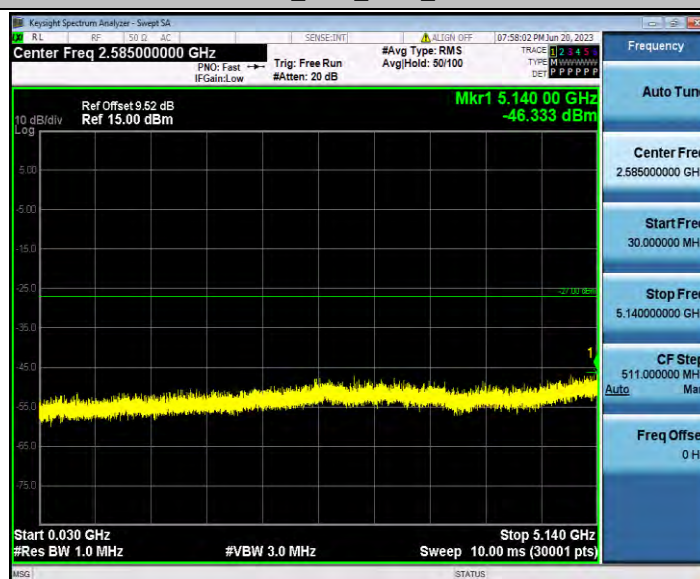
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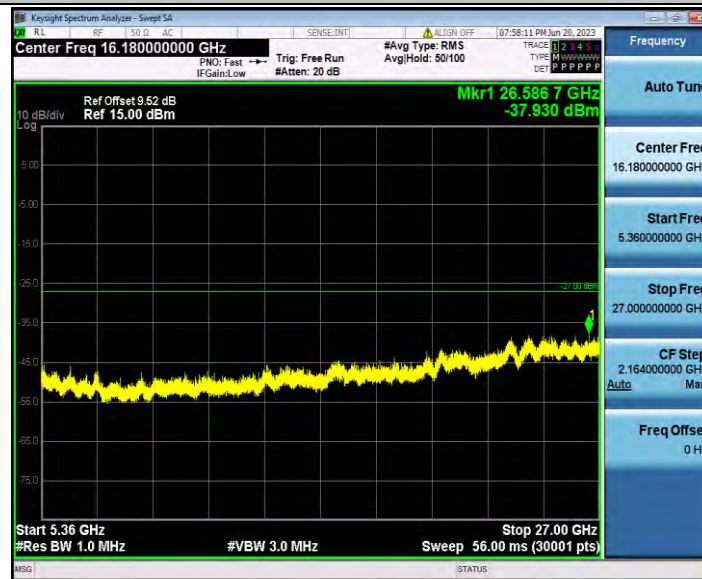
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11AX20SISO_Ant1_5240_5360~40000



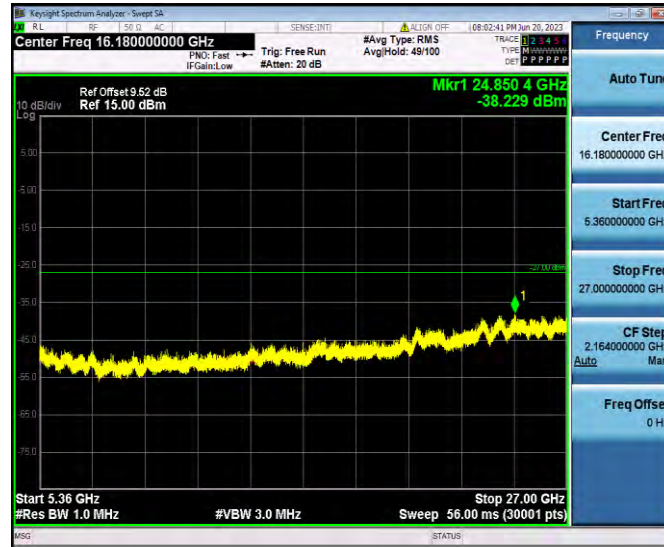
11AX40SISO_Ant1_5190_30~5140



11AX40SISO_Ant1_5190_5360~40000



11AX40SISO_Ant1_5230_30~5140



11AX40SISO_Ant1_5230_5360~40000



11AX80SISO_Ant1_5210_5360~40000



11AX80SISO_Ant1_5210_5360~40000