

Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Smart Ear Care Device

Test Model: Earsight Ultra

Environmental Conditions

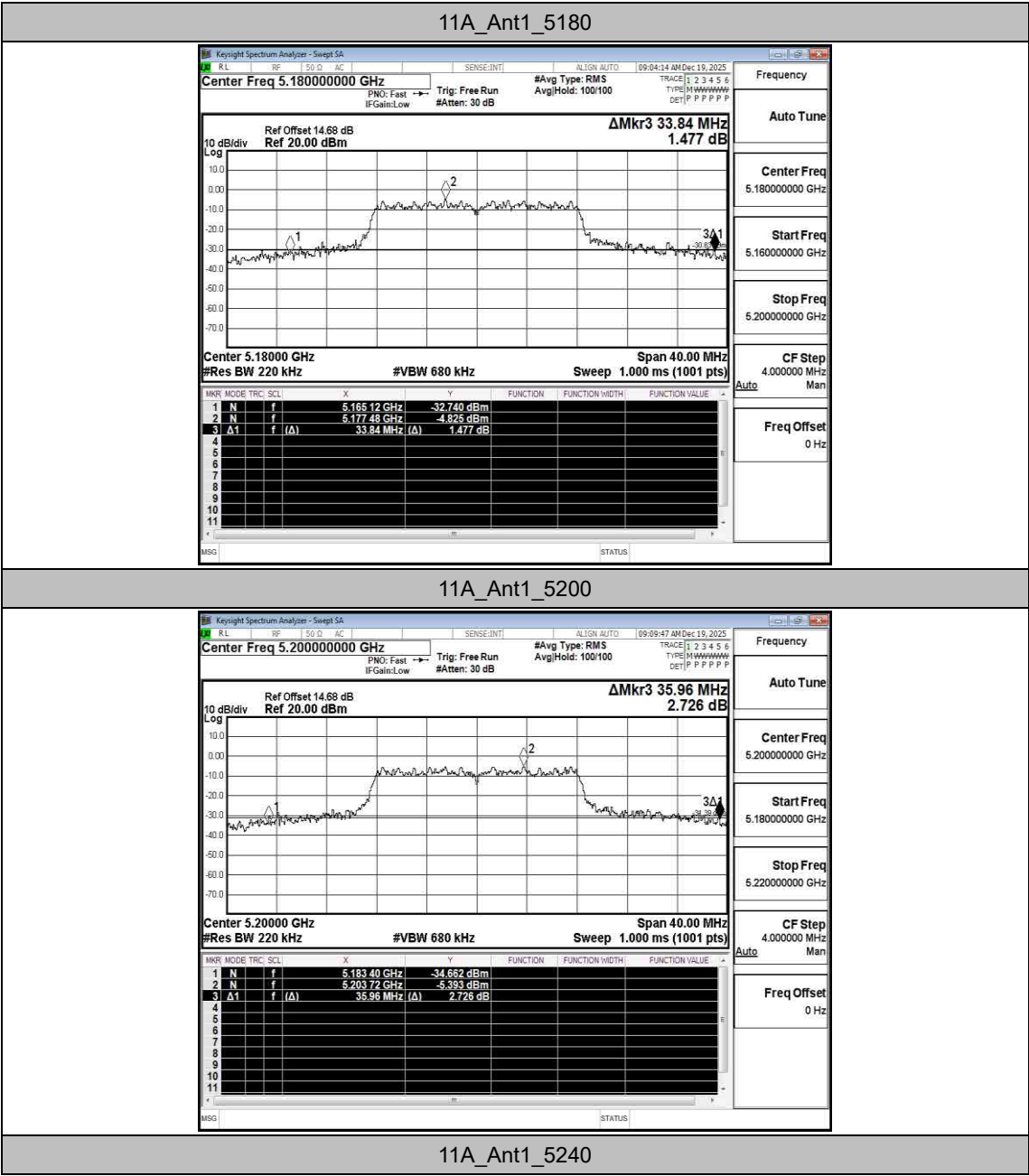
Temperature:	23.4°C
Relative Humidity:	52.8%
ATM Pressure:	100.0 kPa
Test Engineer:	Suichao Lai
Supervised by:	Fengliu Tang

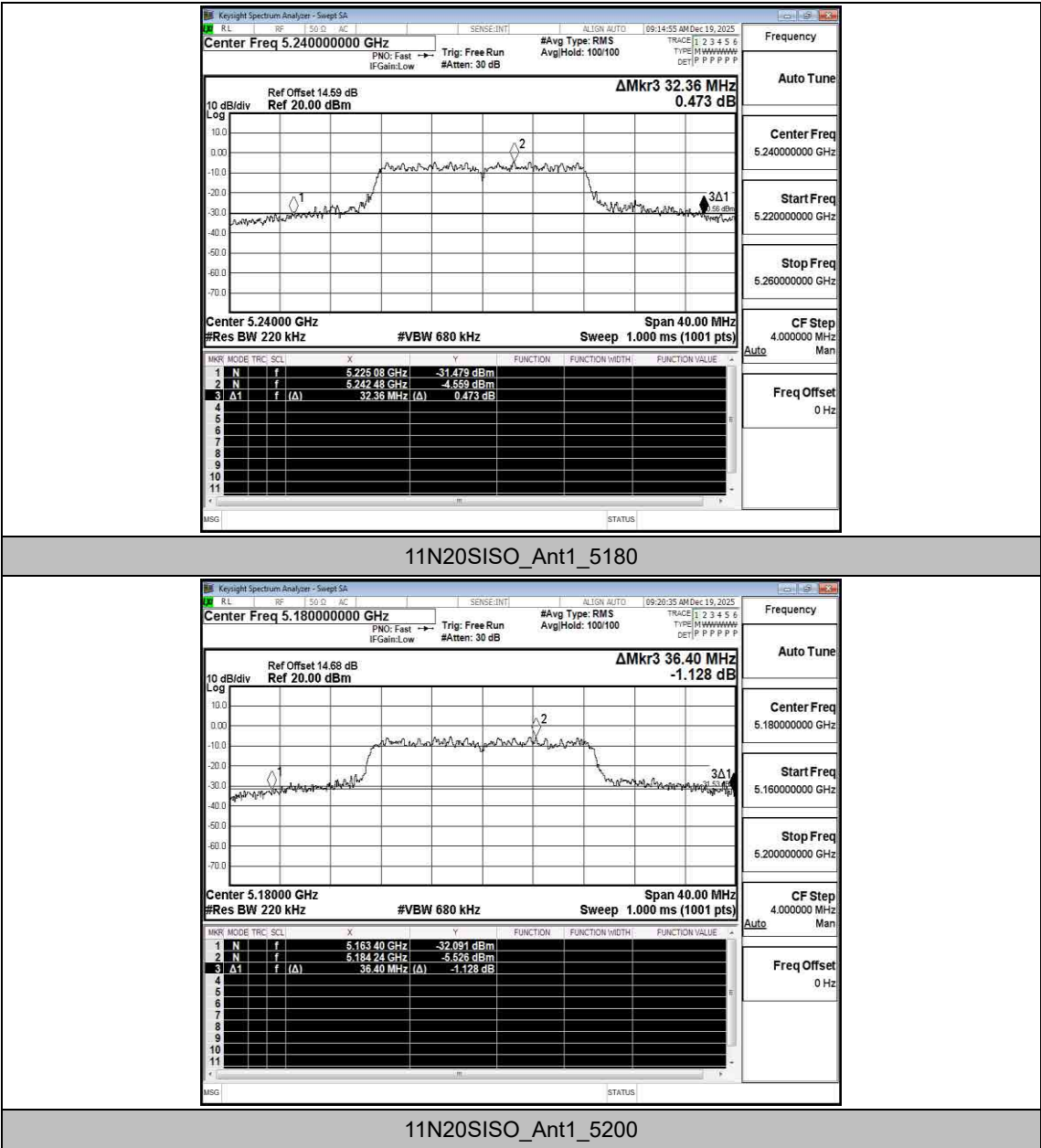
D.1 Emission Bandwidth

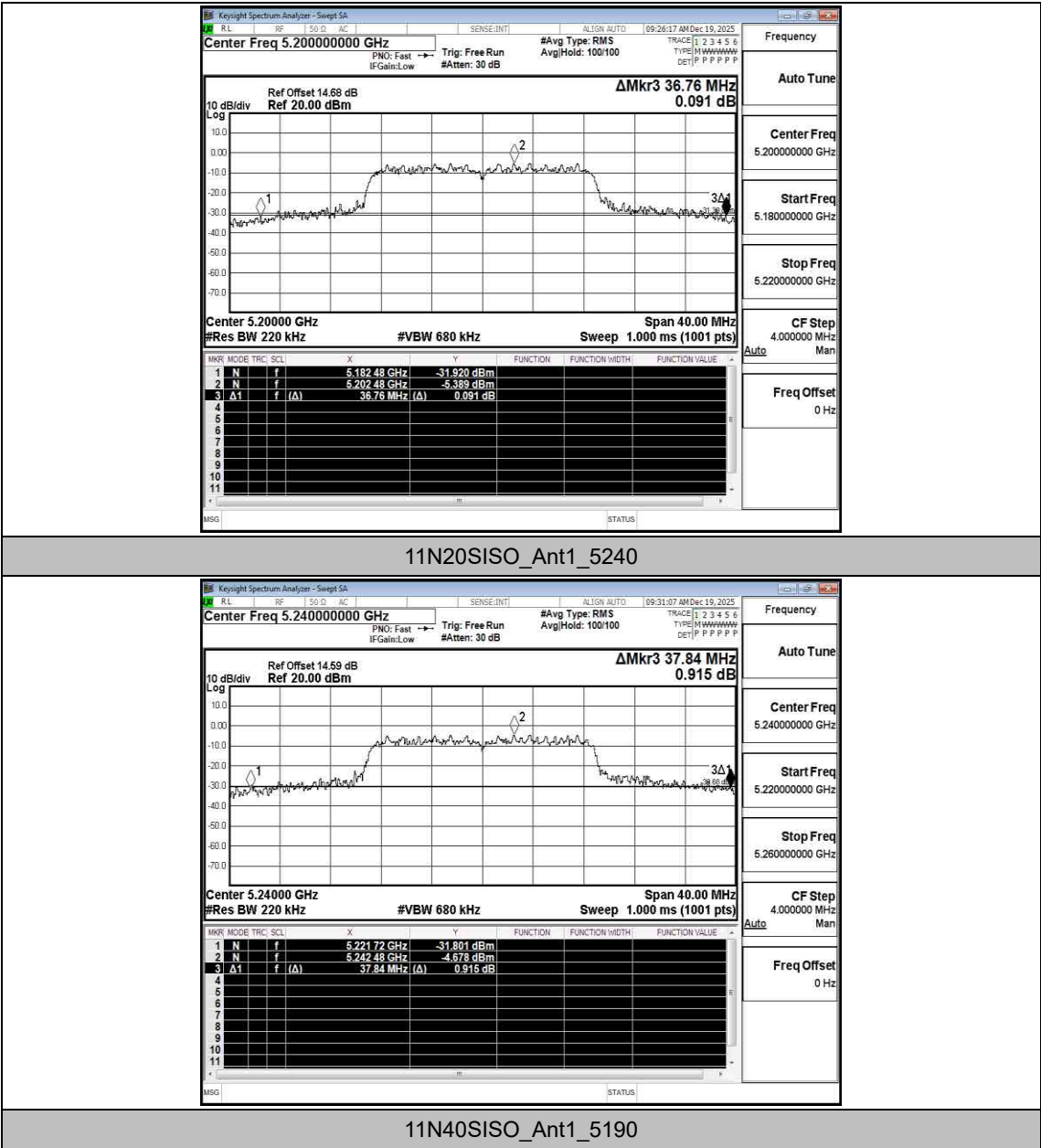
Test Result

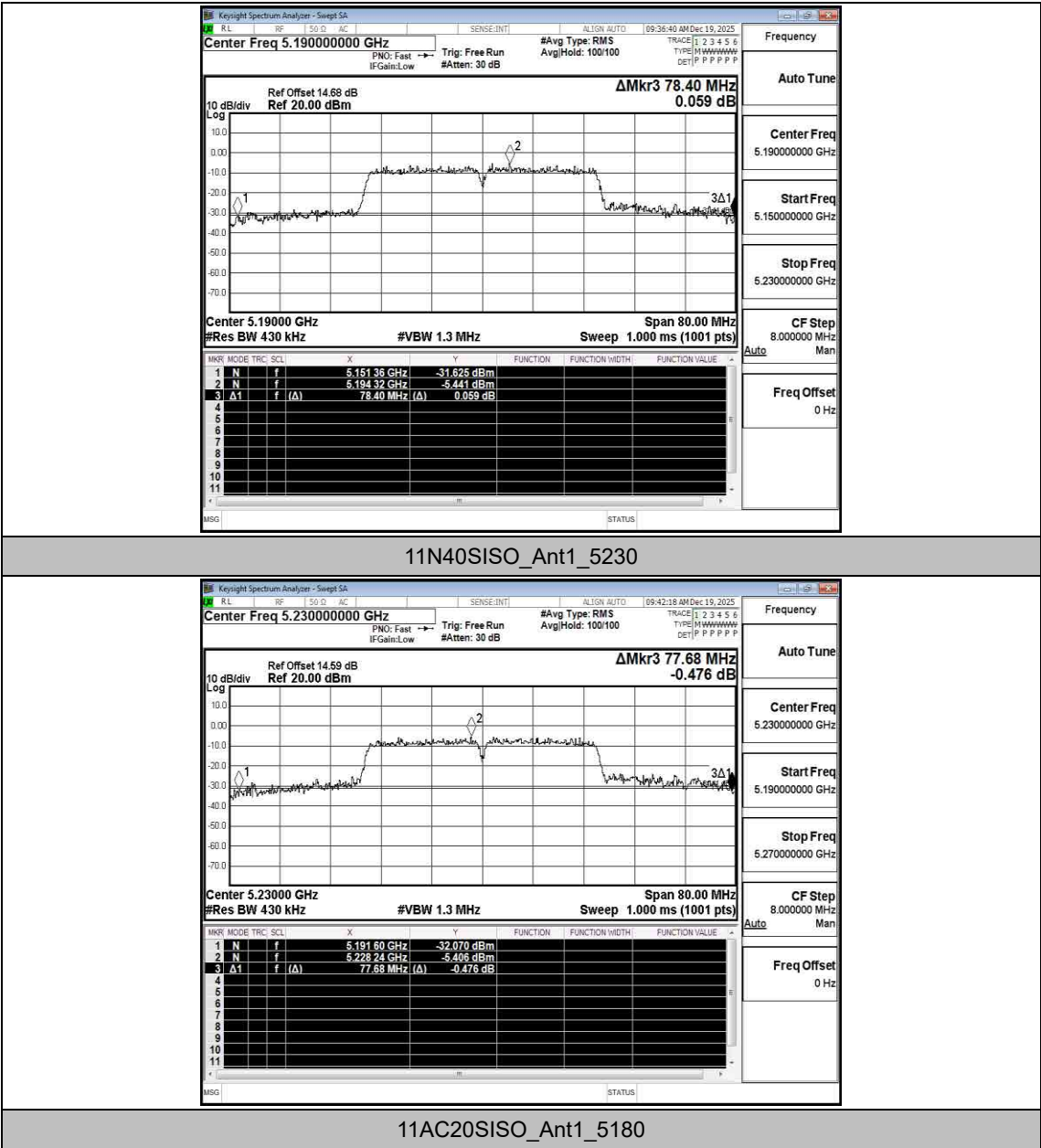
TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	33.840	5165.120	5198.960	---	---
		5200	35.960	5183.400	5219.360	---	---
		5240	32.360	5225.080	5257.440	---	---
11N20SISO	Ant1	5180	36.400	5163.400	5199.800	---	---
		5200	36.760	5182.480	5219.240	---	---
		5240	37.840	5221.720	5259.560	---	---
11N40SISO	Ant1	5190	78.400	5151.360	5229.760	---	---
		5230	77.680	5191.600	5269.280	---	---
11AC20SISO	Ant1	5180	37.160	5161.920	5199.080	---	---
		5200	38.680	5181.200	5219.880	---	---
		5240	38.000	5221.520	5259.520	---	---
11AC40SISO	Ant1	5190	74.800	5155.200	5230.000	---	---
		5230	73.920	5195.680	5269.600	---	---
11AX20SISO	Ant1	5180	36.720	5162.920	5199.640	---	---
		5200	37.480	5181.760	5219.240	---	---
		5240	37.640	5222.200	5259.840	---	---
11AX40SISO	Ant1	5190	77.120	5152.880	5230.000	---	---
		5230	73.360	5195.200	5268.560	---	---

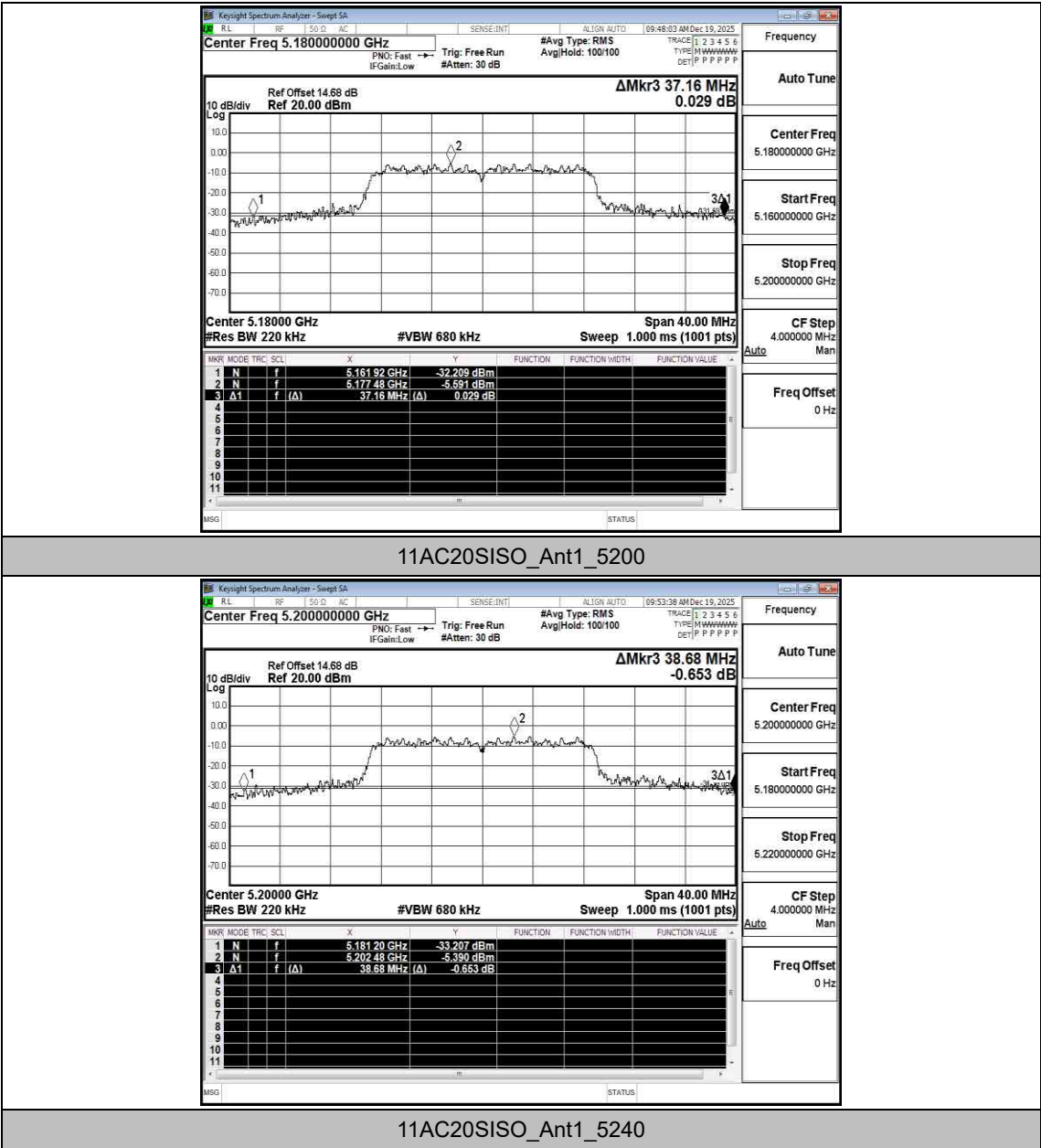
Test Graphs

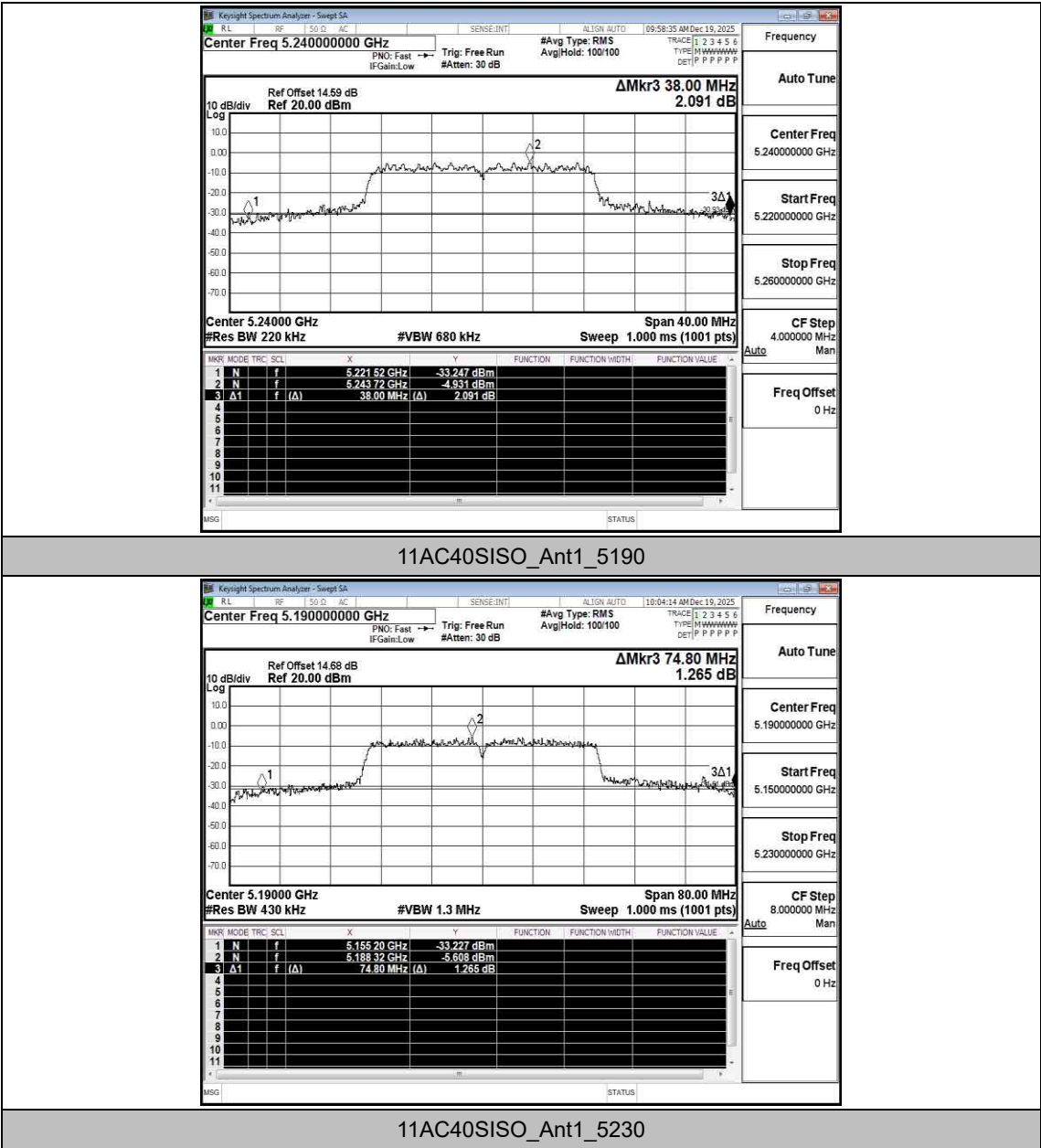


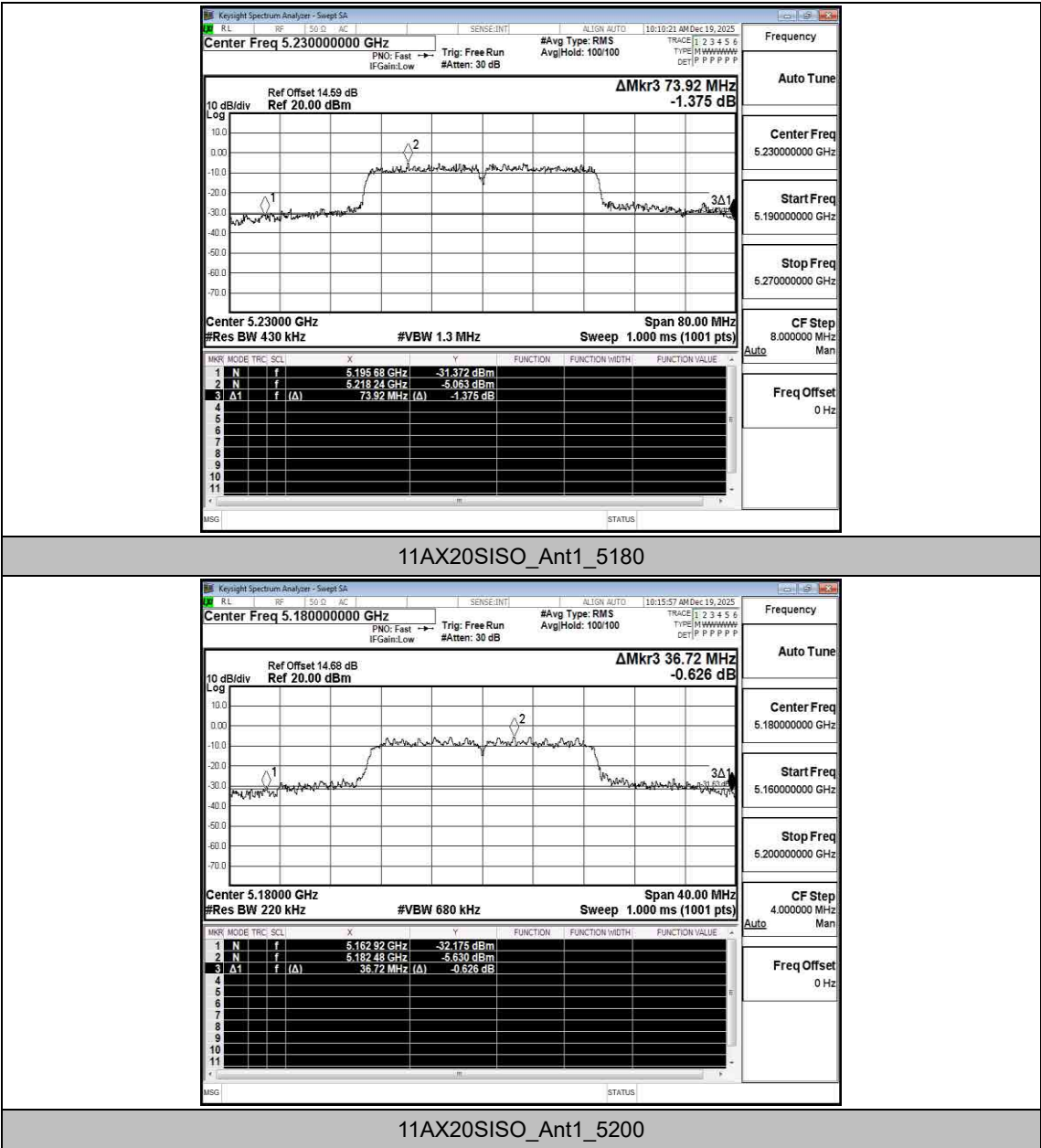


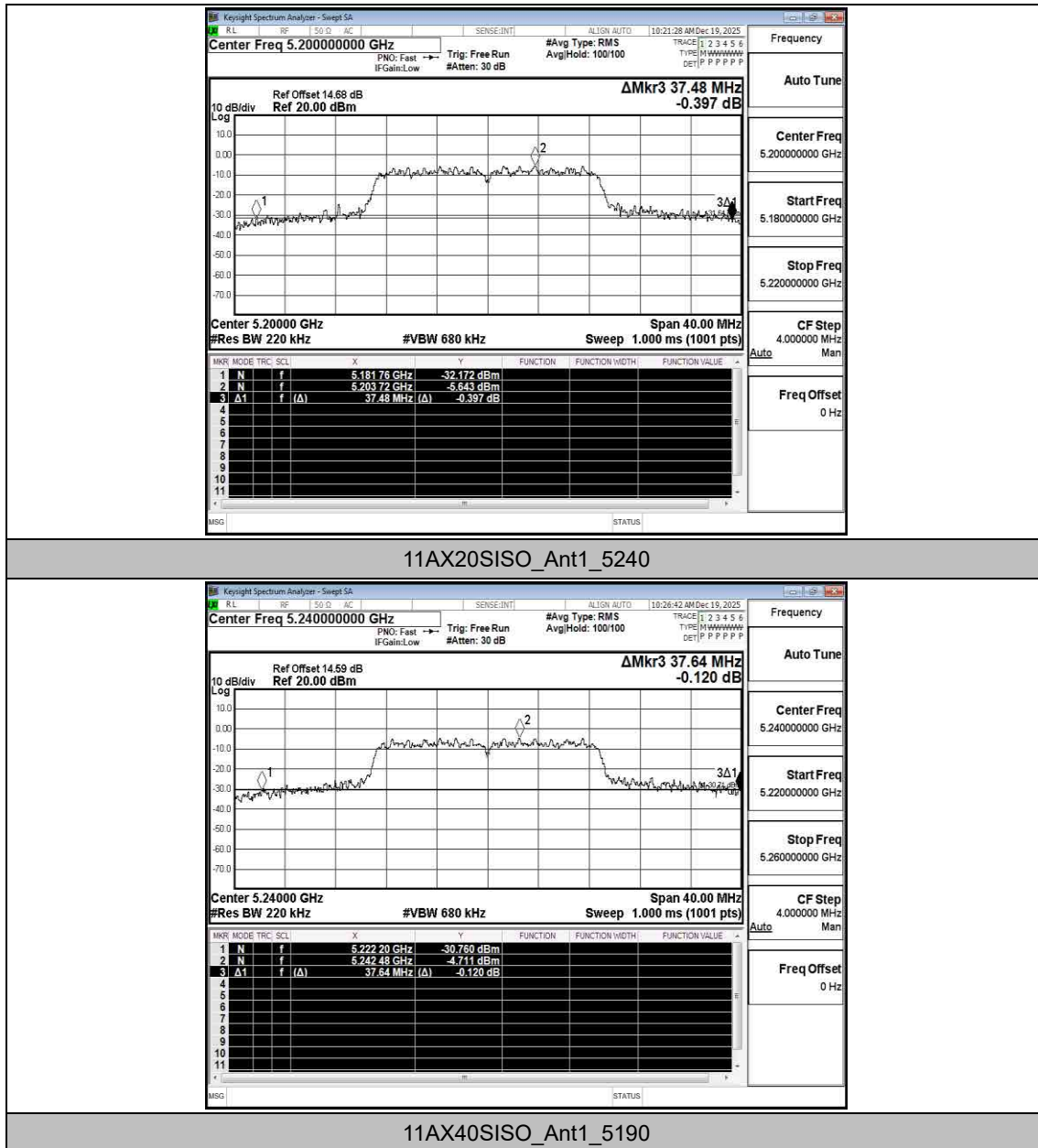


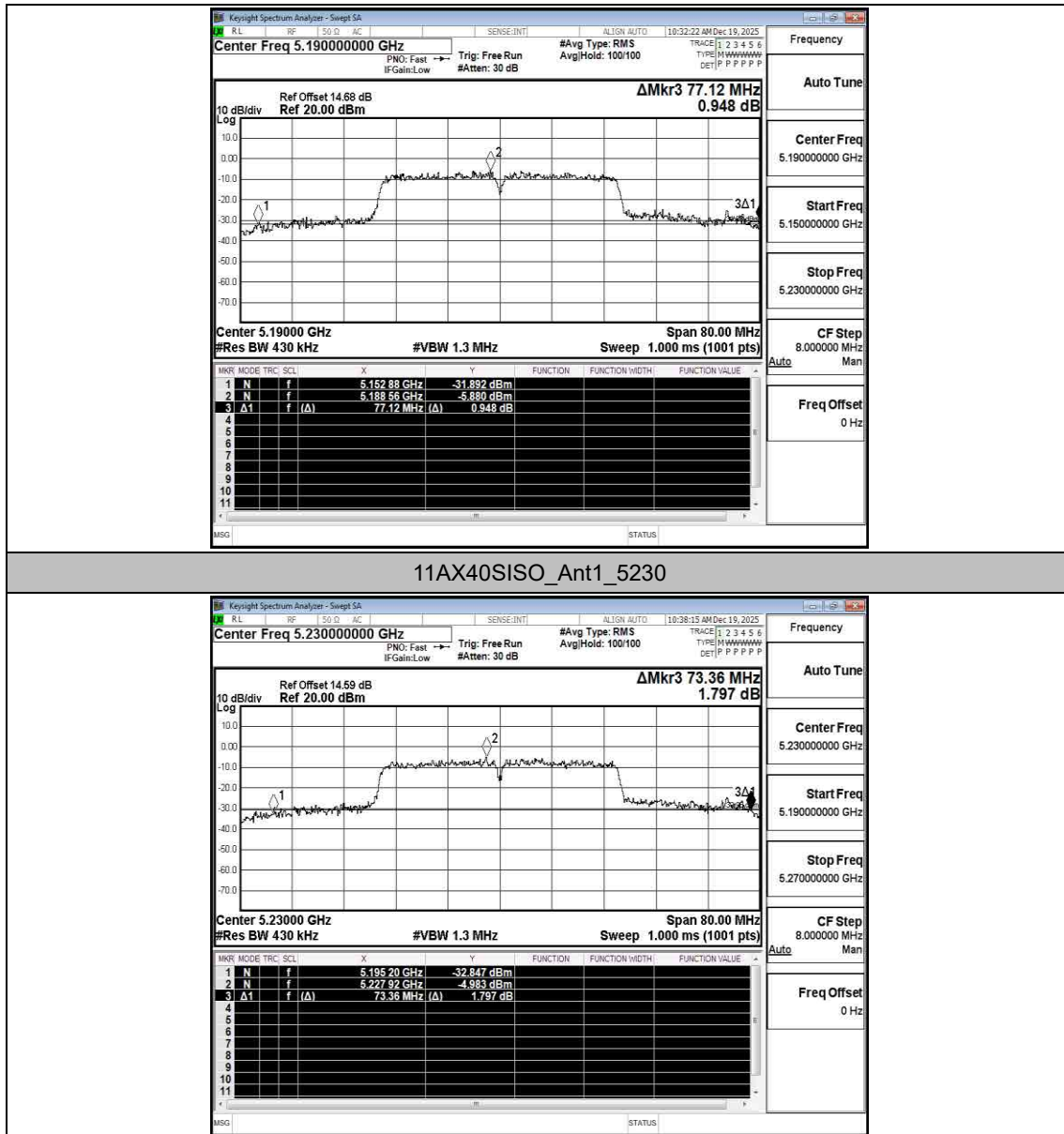












D.2 Maximum conducted output power

Test Result Power

Test Mode	Antenna	Freq(MHz)	Conducted Power (dBm)	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	5.54	2.14	7.68	≤24.00	PASS
		5200	5.64	1.76	7.40	≤24.00	PASS
		5240	4.56	2.14	6.70	≤24.00	PASS
11N20SISO	Ant1	5180	5.67	1.76	7.43	≤24.00	PASS
		5200	5.86	1.76	7.62	≤24.00	PASS
		5240	4.72	1.76	6.48	≤24.00	PASS
11N40SISO	Ant1	5190	4.95	3.01	7.96	≤24.00	PASS
		5230	4.73	2.69	7.42	≤24.00	PASS
11AC20SISO	Ant1	5180	5.75	2.00	7.75	≤24.00	PASS
		5200	4.23	1.65	5.88	≤24.00	PASS
		5240	4.82	1.76	6.58	≤24.00	PASS
11AC40SISO	Ant1	5190	5.20	2.73	7.93	≤24.00	PASS
		5230	4.85	2.43	7.28	≤24.00	PASS
11AX20SISO	Ant1	5180	5.83	2.00	7.83	≤24.00	PASS
		5200	5.96	1.65	7.61	≤24.00	PASS
		5240	4.88	1.76	6.64	≤24.00	PASS
11AX40SISO	Ant1	5190	5.17	2.43	7.60	≤24.00	PASS
		5230	4.90	2.73	7.63	≤24.00	PASS

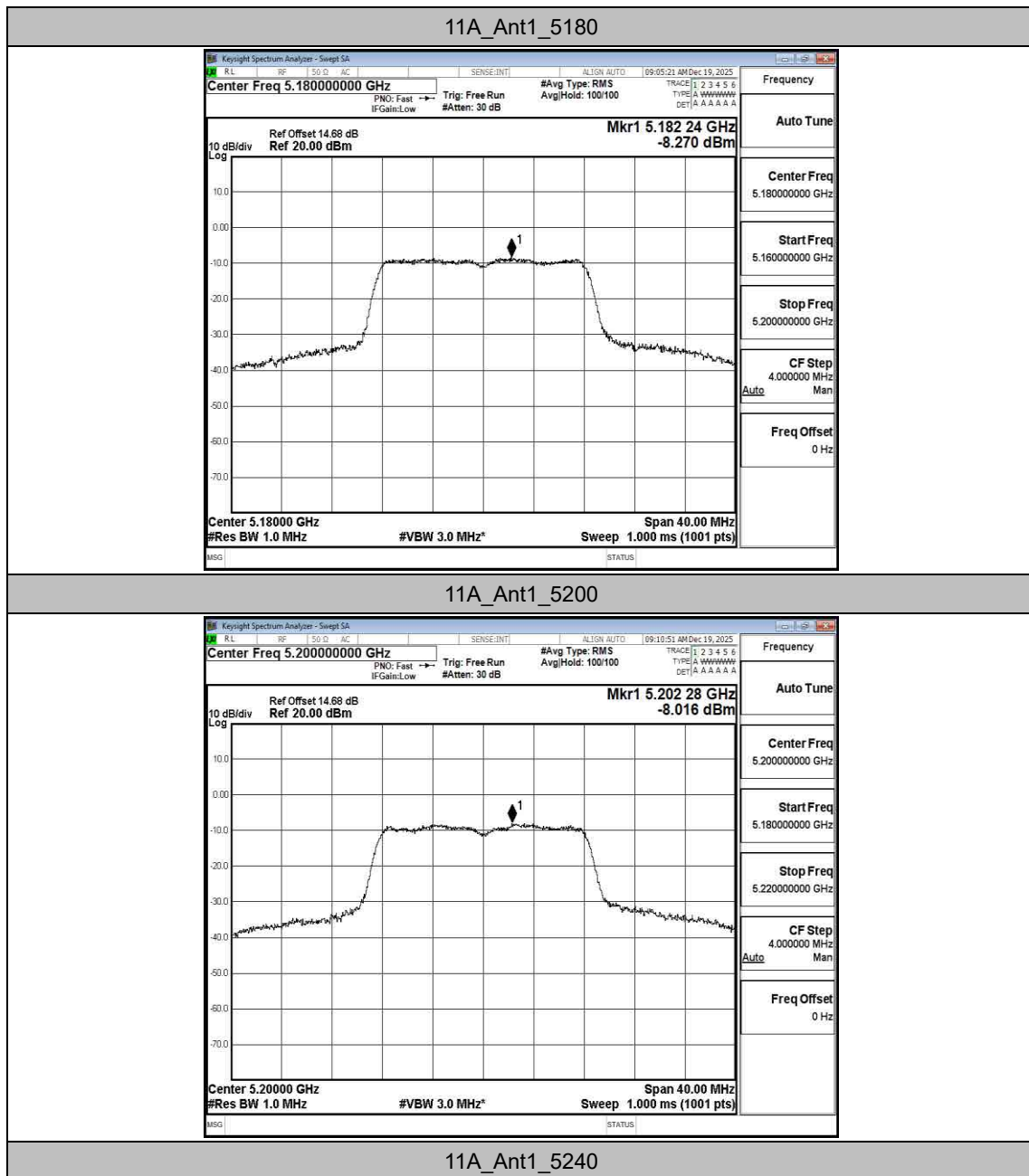
D.3 Maximum power spectral density

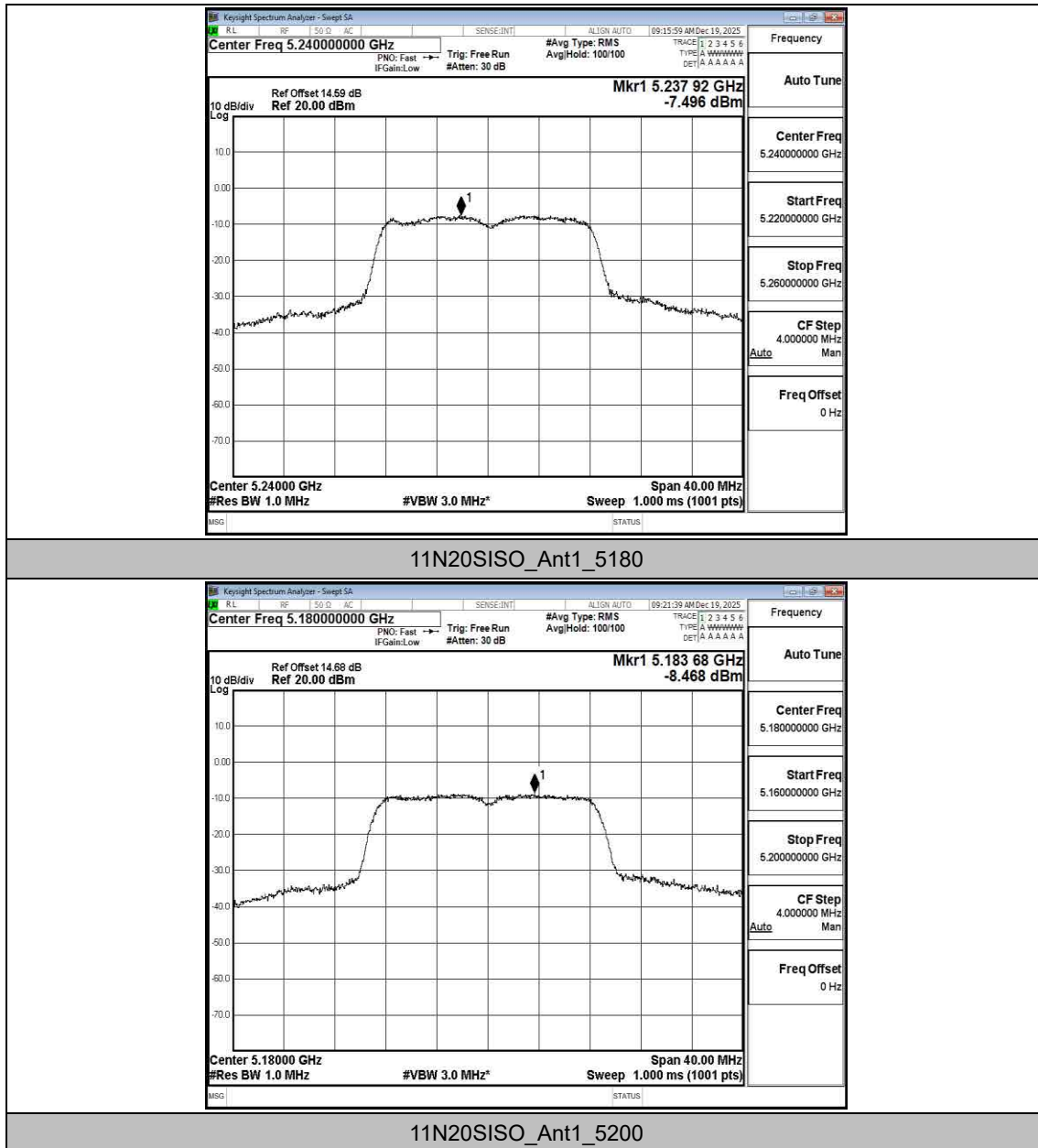
Test Result

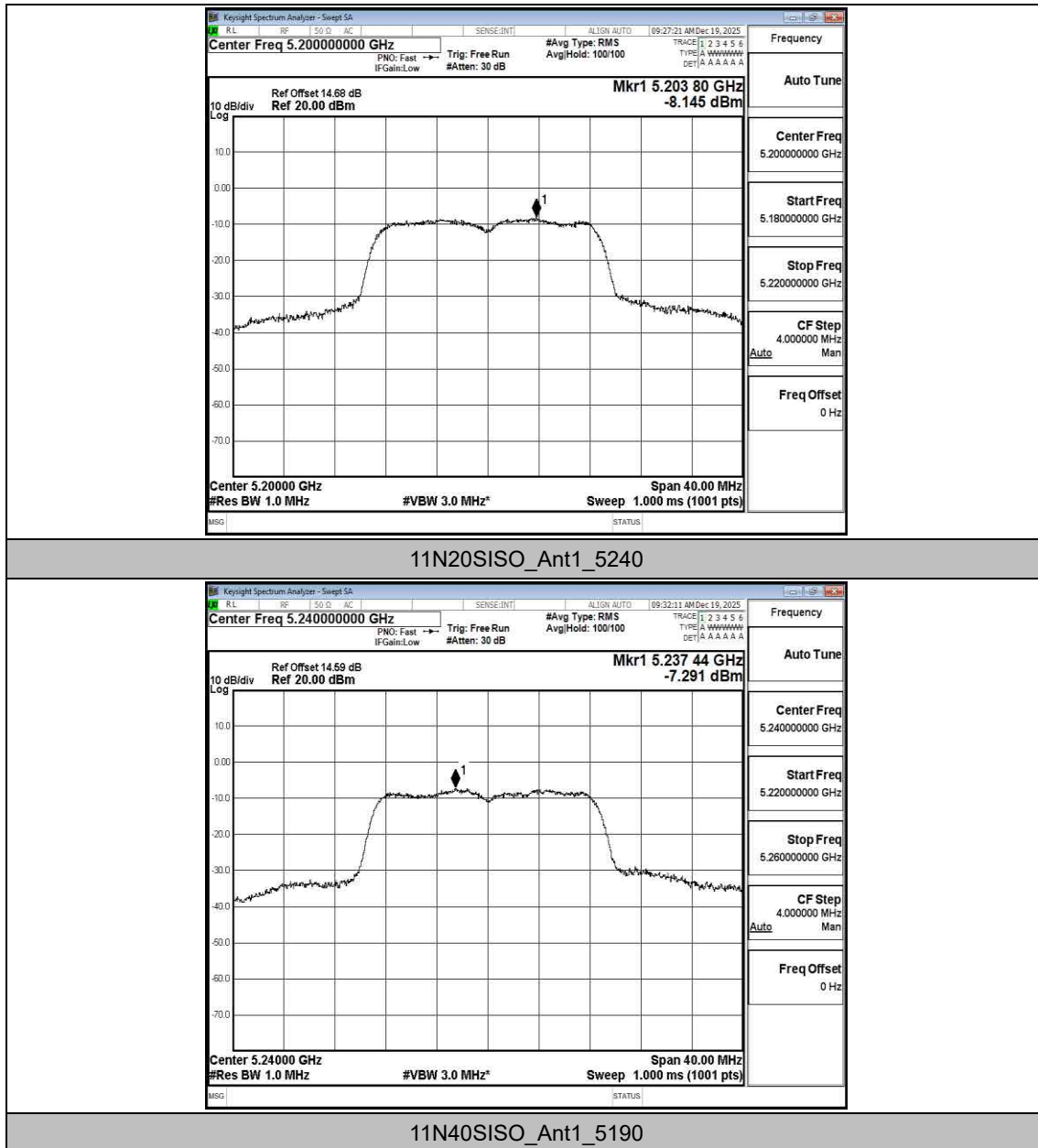
TestMode	Antenna	Freq (MHz)	Raw Data [dBm/MHz]	DC Factor	RBW Factor	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-8.27	2.14	0.00	-6.13	≤11.00	PASS
		5200	-8.02	1.76	0.00	-6.26	≤11.00	PASS
		5240	-7.5	2.14	0.00	-5.36	≤11.00	PASS
11N20SISO	Ant1	5180	-8.47	2.14	0.00	-6.33	≤11.00	PASS
		5200	-8.15	1.76	0.00	-6.39	≤11.00	PASS
		5240	-7.29	1.76	0.00	-5.53	≤11.00	PASS
11N40SISO	Ant1	5190	-12.18	3.01	0.00	-9.17	≤11.00	PASS
		5230	-11	2.69	0.00	-8.31	≤11.00	PASS
11AC20SISO	Ant1	5180	-8.53	2.00	0.00	-6.53	≤11.00	PASS
		5200	-8.32	1.65	0.00	-6.67	≤11.00	PASS
		5240	-7.66	1.76	0.00	-5.90	≤11.00	PASS
11AC40SISO	Ant1	5190	-11.73	2.43	0.00	-9.30	≤11.00	PASS
		5230	-10.78	2.43	0.00	-8.35	≤11.00	PASS
11AX20SISO	Ant1	5180	-8.61	2.00	0.00	-6.61	≤11.00	PASS
		5200	-8.23	1.65	0.00	-6.58	≤11.00	PASS
		5240	-7.78	1.76	0.00	-6.02	≤11.00	PASS
11AX40SISO	Ant1	5190	-11.72	2.43	0.00	-9.29	≤11.00	PASS
		5230	-10.83	2.73	0.00	-8.10	≤11.00	PASS

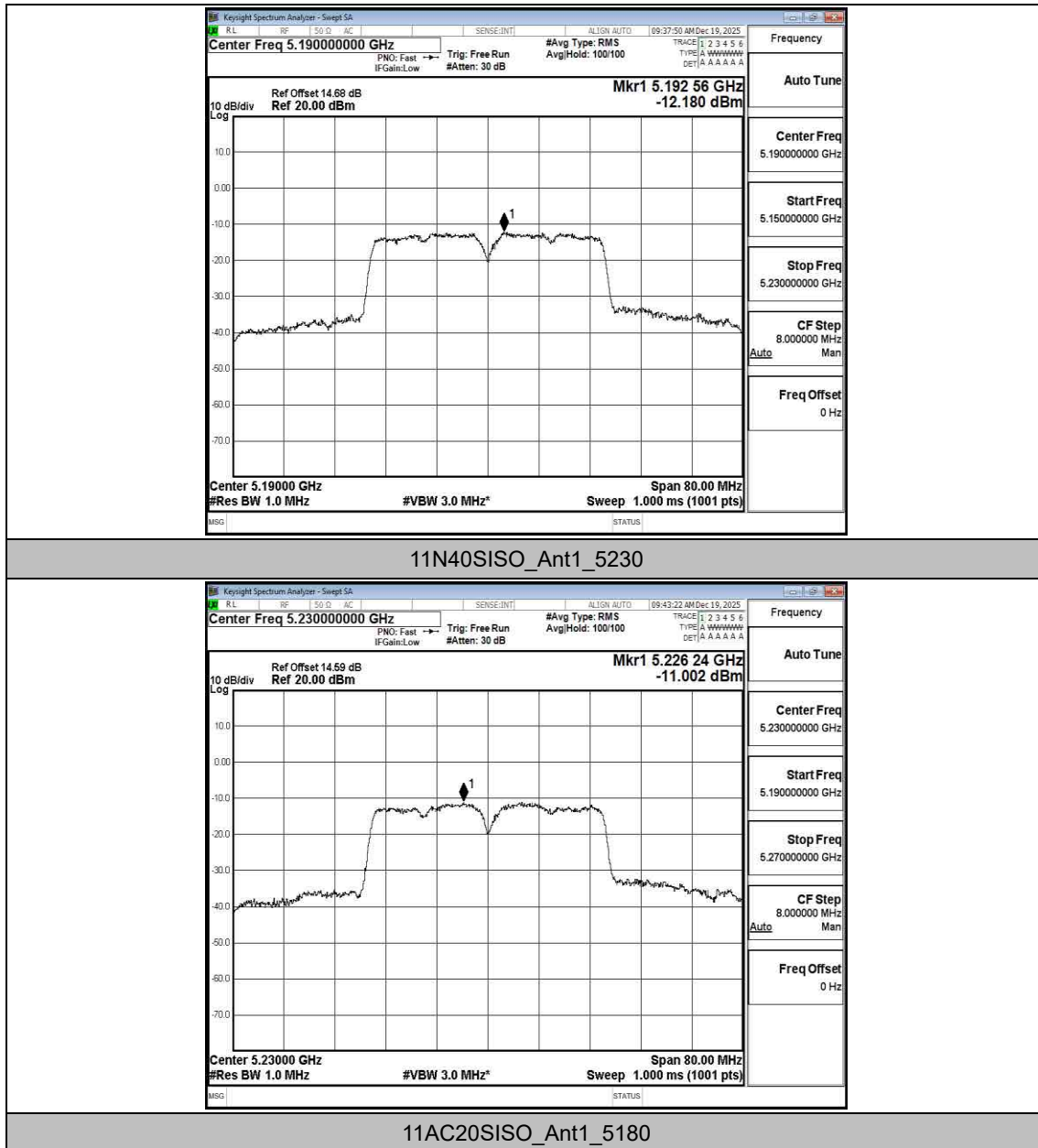
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

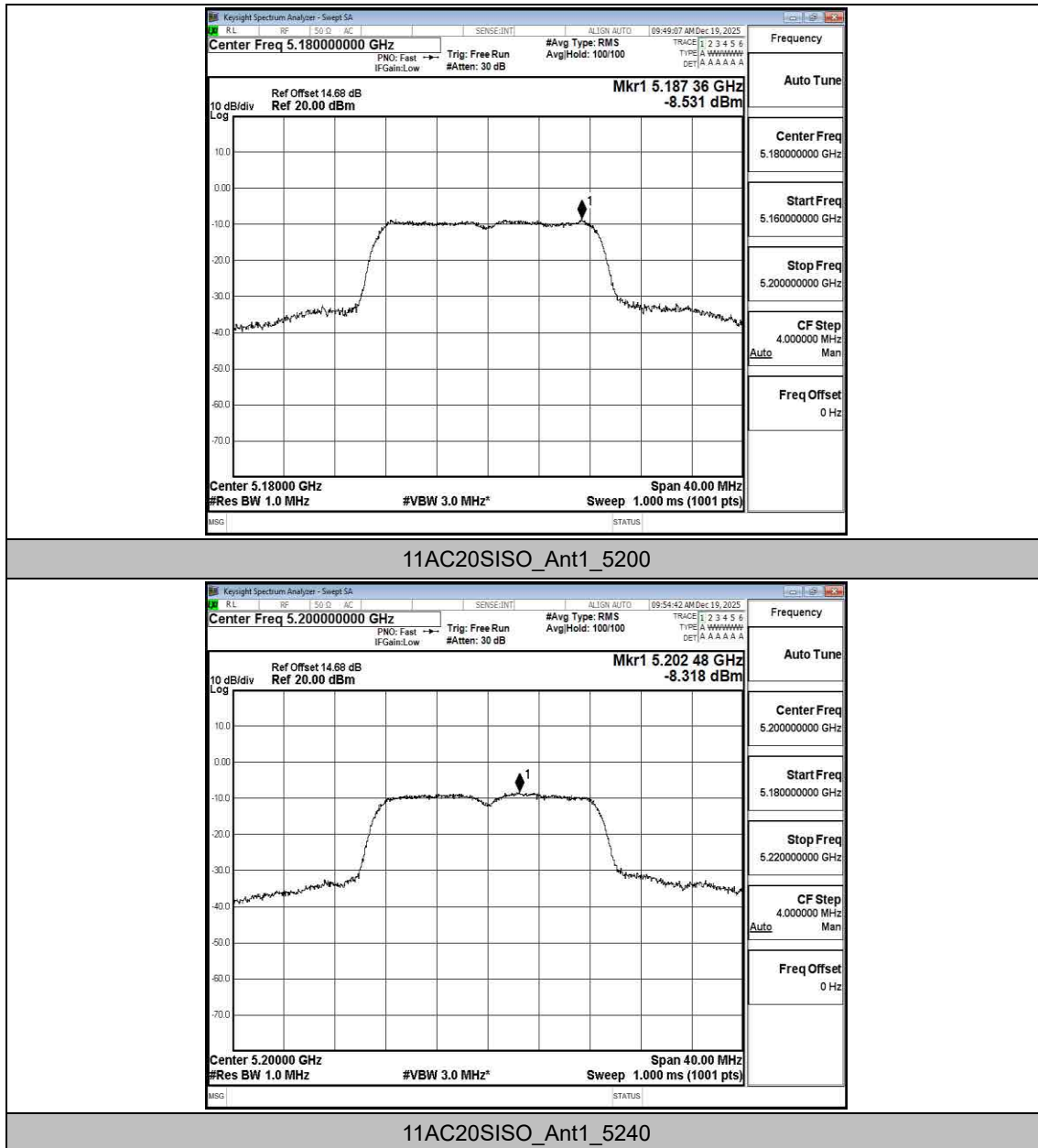
Test Graphs

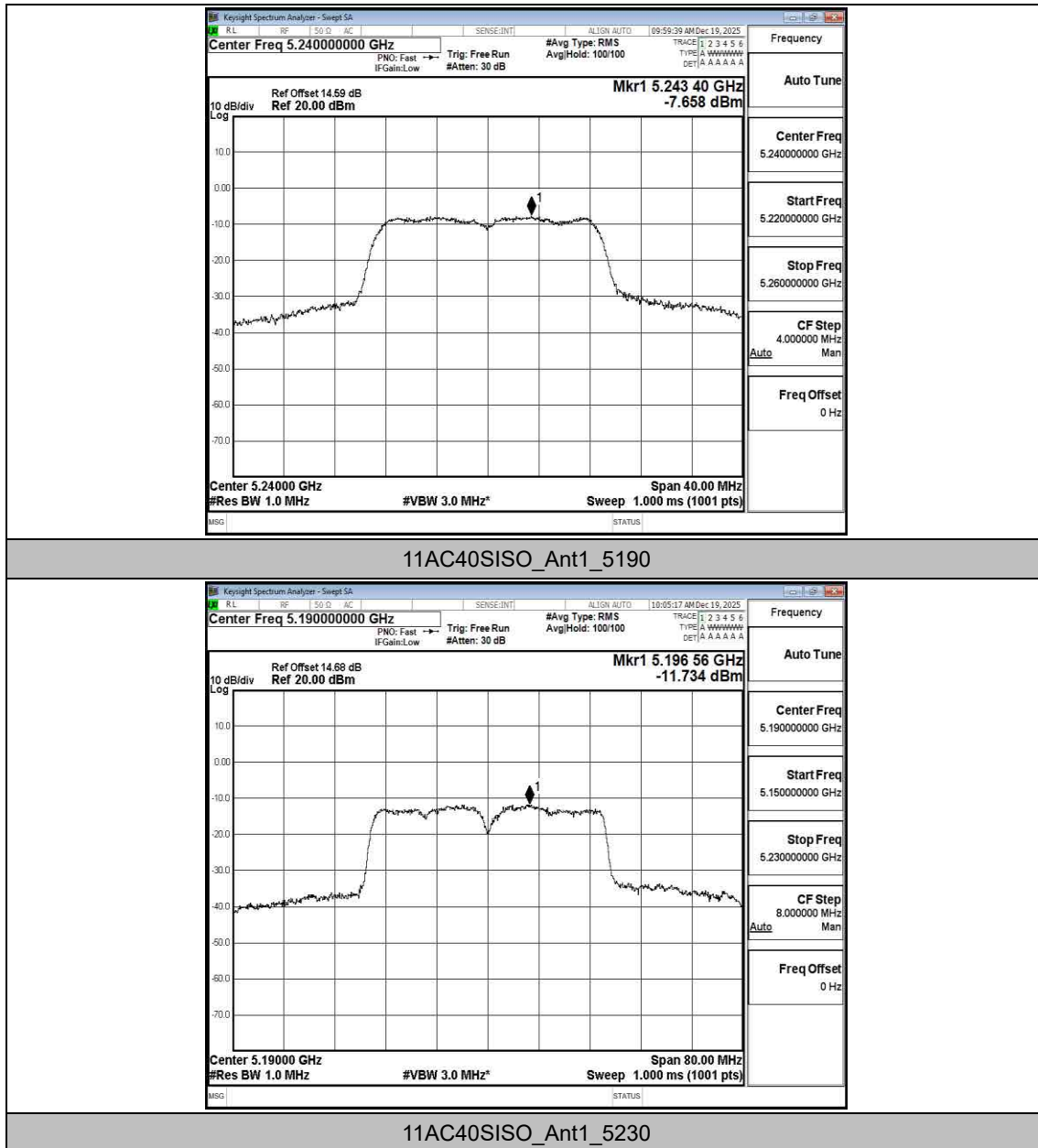


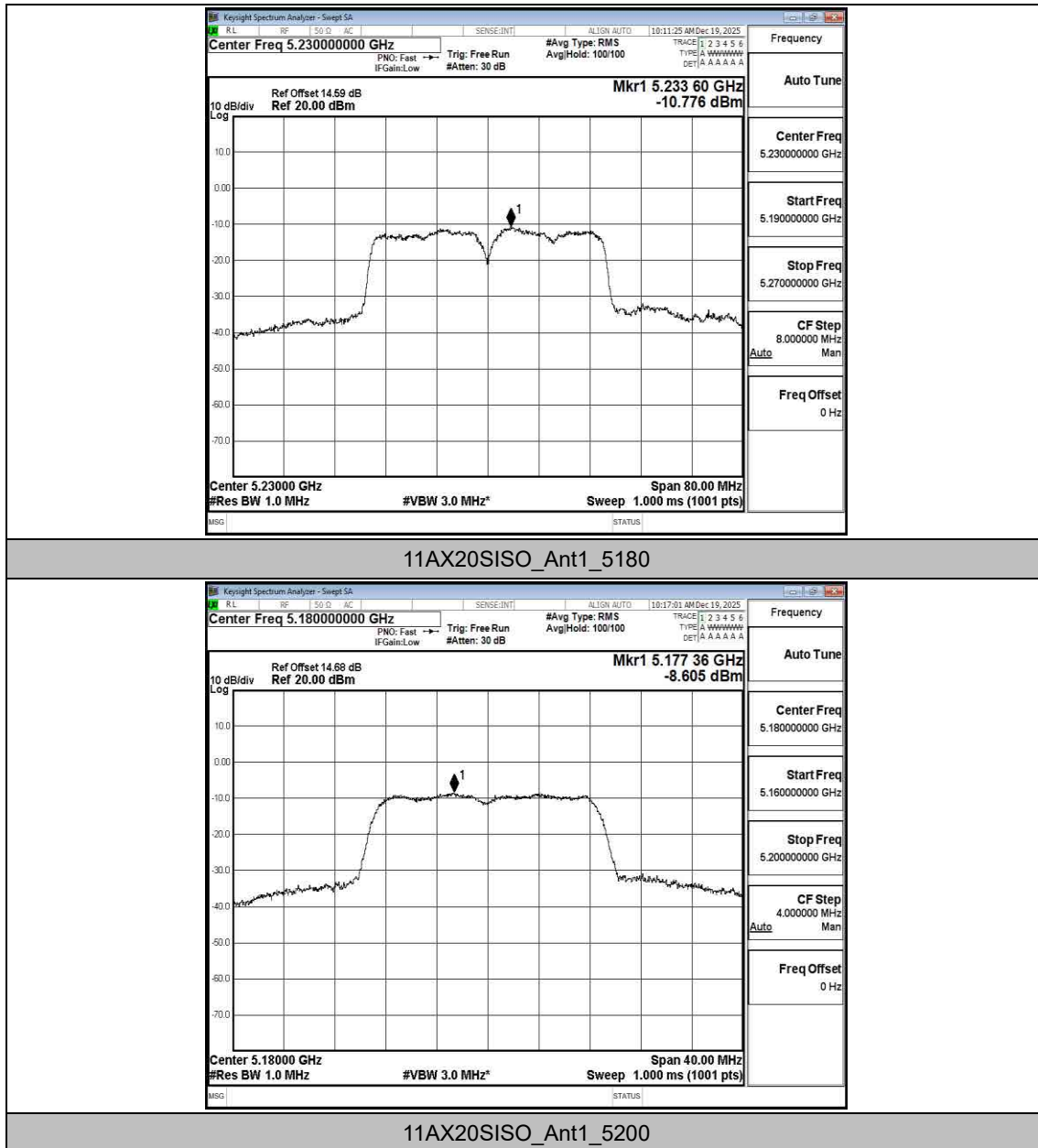


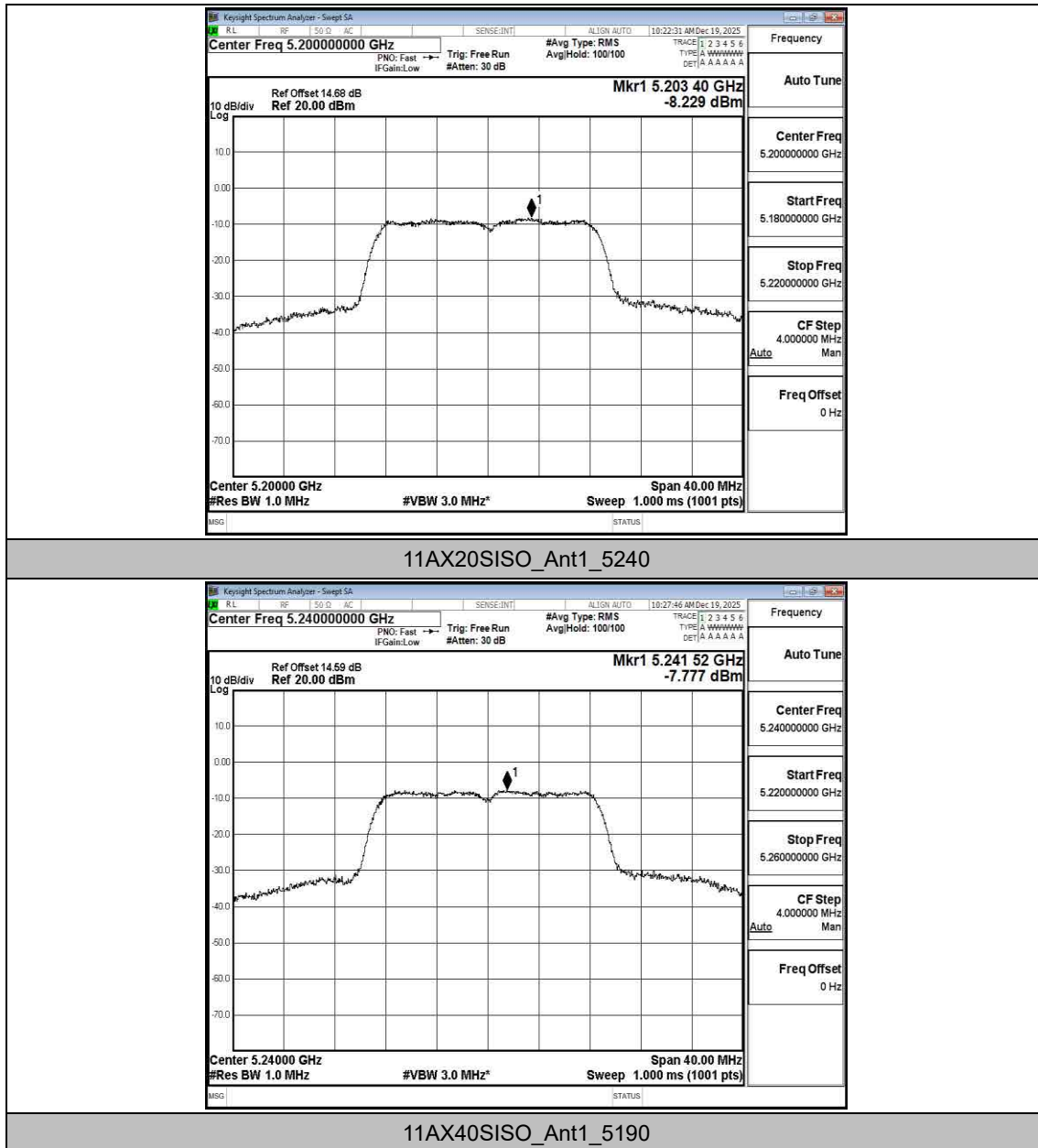


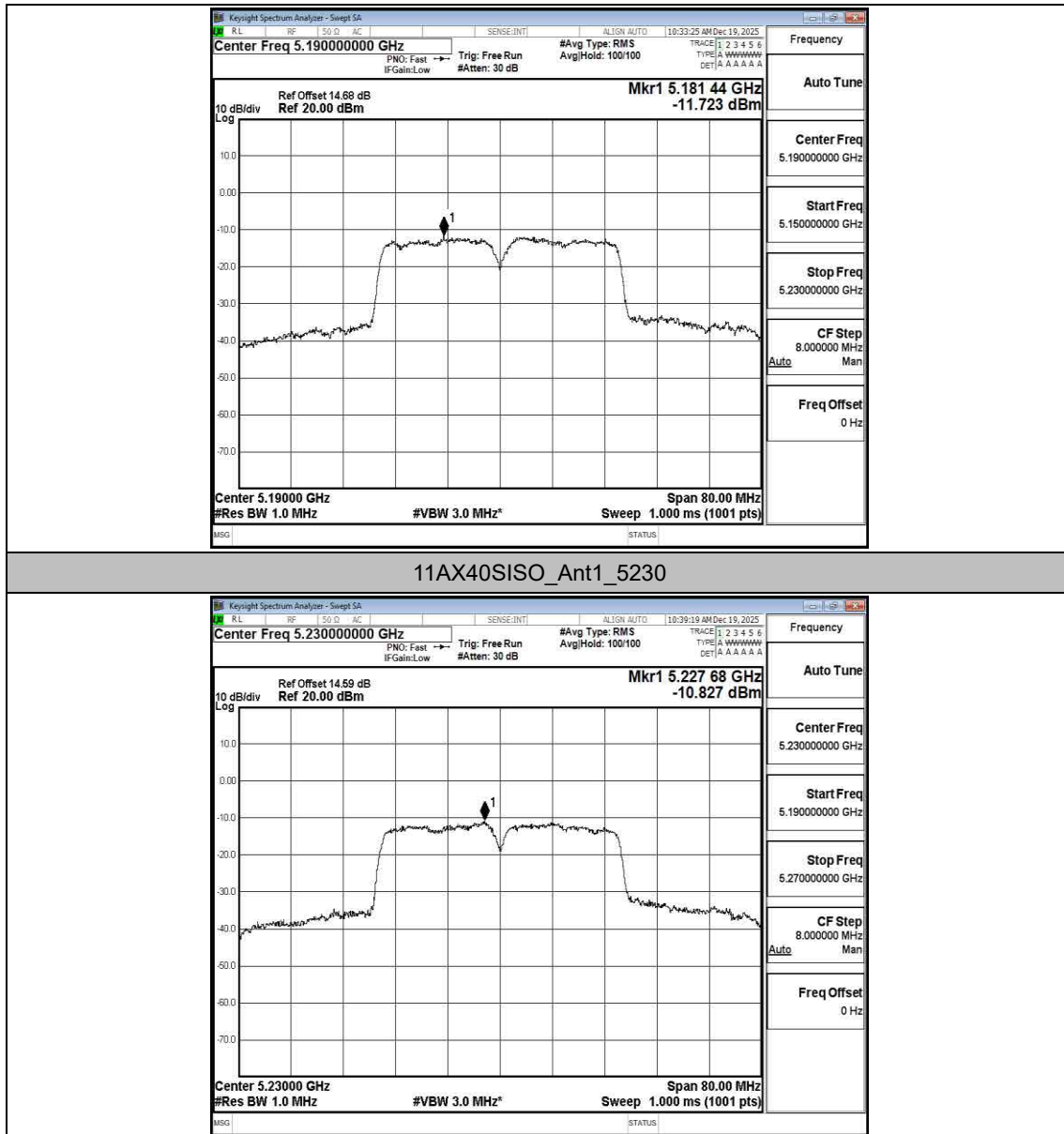












D.4 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	AV	4500.000	-61.79	2.00	2.14	37.55	≤54	PASS
				AV	5148.900	-54.21	2.00	2.14	45.13	≤54	PASS
				AV	5150.000	-56.42	2.00	2.14	42.92	≤54	PASS
				Peak	4500.000	-57.28	2.00	0.00	39.92	≤68.2	PASS
				Peak	5149.600	-50.03	2.00	0.00	47.17	≤68.2	PASS
				Peak	5150.000	-52.49	2.00	0.00	44.71	≤68.2	PASS
		High	5240	AV	5350.000	-47.47	2.00	2.14	51.87	≤54	PASS
				AV	5350.080	-47.47	2.00	2.14	51.87	≤54	PASS
				AV	5460.000	-50.14	2.00	2.14	49.20	≤54	PASS
				Peak	5350.000	-47.48	2.00	0.00	49.72	≤68.2	PASS
				Peak	5367.840	-45.73	2.00	0.00	51.47	≤68.2	PASS
				Peak	5460.000	-47.66	2.00	0.00	49.54	≤68.2	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-62.19	2.00	1.76	36.77	≤54	PASS
				AV	5149.600	-50.25	2.00	1.76	48.71	≤54	PASS
				AV	5150.000	-54.12	2.00	1.76	44.84	≤54	PASS
				Peak	4500.000	-58.71	2.00	0.00	38.49	≤68.2	PASS
				Peak	5148.900	-50.58	2.00	0.00	46.62	≤68.2	PASS
				Peak	5150.000	-51.13	2.00	0.00	46.07	≤68.2	PASS
		High	5240	AV	5350.000	-50.37	2.00	1.76	48.59	≤54	PASS
				AV	5361.840	-46.57	2.00	1.76	52.39	≤54	PASS
				AV	5460.000	-50.52	2.00	1.76	48.44	≤54	PASS
				Peak	5350.000	-48.12	2.00	0.00	49.08	≤68.2	PASS
				Peak	5418.960	-45	2.00	0.00	52.20	≤68.2	PASS
				Peak	5460.000	-49.3	2.00	0.00	47.90	≤68.2	PASS
11N40SISO	Ant1	Low	5190	AV	4500.000	-61.05	2.00	3.01	39.16	≤54	PASS
				AV	5149.600	-46.93	2.00	3.01	53.28	≤54	PASS
				AV	5150.000	-48.43	2.00	3.01	51.78	≤54	PASS
				Peak	4500.000	-60.28	2.00	0.00	36.92	≤68.2	PASS
				Peak	5149.600	-46.4	2.00	0.00	50.80	≤68.2	PASS
				Peak	5150.000	-45.99	2.00	0.00	51.21	≤68.2	PASS
		High	5230	AV	5350.000	-50.89	2.00	2.69	49.00	≤54	PASS
				AV	5363.020	-46.47	2.00	2.69	53.42	≤54	PASS
				AV	5460.000	-50.49	2.00	2.69	49.40	≤54	PASS
				Peak	5350.000	-46.81	2.00	0.00	50.39	≤68.2	PASS

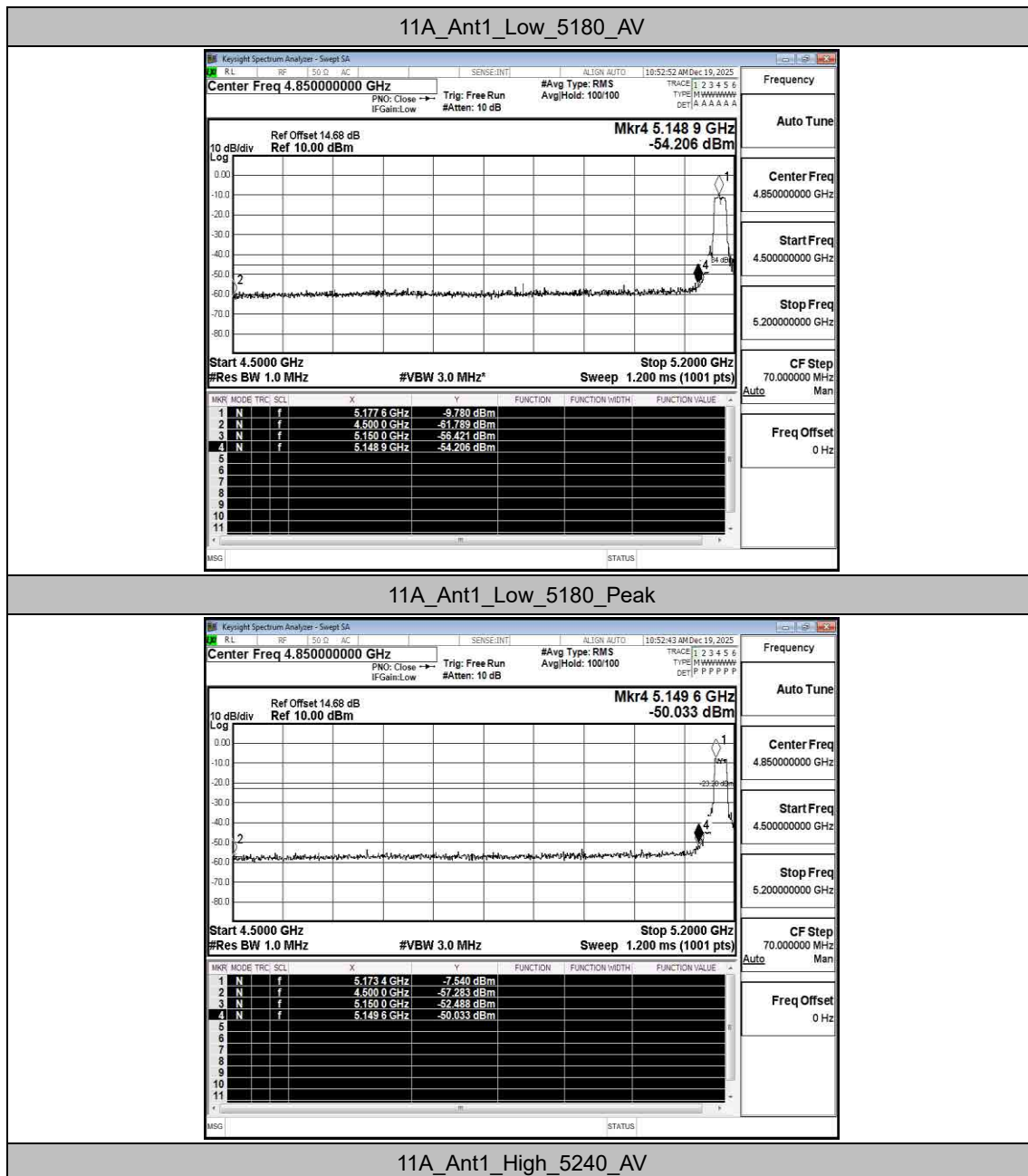
				Peak	5353.660	-43.28	2.00	0.00	53.92	≤68.2	PASS
				Peak	5460.000	-49.5	2.00	0.00	47.70	≤68.2	PASS
11AC20SISO	Ant1	Low	5180	AV	4500.000	-59.47	2.00	2.00	39.73	≤54	PASS
				AV	5147.500	-52.92	2.00	2.00	46.28	≤54	PASS
				AV	5150.000	-52.68	2.00	2.00	46.52	≤54	PASS
				Peak	4500.000	-59.02	2.00	0.00	38.18	≤68.2	PASS
				Peak	5147.500	-50.29	2.00	0.00	46.91	≤68.2	PASS
				Peak	5150.000	-51.3	2.00	0.00	45.90	≤68.2	PASS
		High	5240	AV	5350.000	-51.41	2.00	1.76	47.55	≤54	PASS
				AV	5360.640	-47.75	2.00	1.76	51.21	≤54	PASS
				AV	5460.000	-51.41	2.00	1.76	47.55	≤54	PASS
				Peak	5350.000	-47.51	2.00	0.00	49.69	≤68.2	PASS
				Peak	5372.400	-45.79	2.00	0.00	51.41	≤68.2	PASS
				Peak	5460.000	-49.42	2.00	0.00	47.78	≤68.2	PASS
11AC40SISO	Ant1	Low	5190	AV	4500.000	-59.8	2.00	2.73	40.13	≤54	PASS
				AV	5147.500	-48.25	2.00	2.73	51.68	≤54	PASS
				AV	5150.000	-50.34	2.00	2.73	49.59	≤54	PASS
				Peak	4500.000	-58.94	2.00	0.00	38.26	≤68.2	PASS
				Peak	5148.200	-45.11	2.00	0.00	52.09	≤68.2	PASS
				Peak	5150.000	-46.43	2.00	0.00	50.77	≤68.2	PASS
		High	5230	AV	5350.000	-48.48	2.00	2.43	51.15	≤54	PASS
				AV	5385.640	-47.92	2.00	2.43	51.71	≤54	PASS
				AV	5460.000	-51.71	2.00	2.43	47.92	≤54	PASS
				Peak	5350.000	-47.58	2.00	0.00	49.62	≤68.2	PASS
				Peak	5359.900	-44.71	2.00	0.00	52.49	≤68.2	PASS
				Peak	5460.000	-47.08	2.00	0.00	50.12	≤68.2	PASS
11AX20SISO	Ant1	Low	5180	AV	4500.000	-61.69	2.00	2.00	37.51	≤54	PASS
				AV	5149.600	-53.21	2.00	2.00	45.99	≤54	PASS
				AV	5150.000	-54.68	2.00	2.00	44.52	≤54	PASS
				Peak	4500.000	-57.96	2.00	0.00	39.24	≤68.2	PASS
				Peak	5149.600	-48.76	2.00	0.00	48.44	≤68.2	PASS
				Peak	5150.000	-50.5	2.00	0.00	46.70	≤68.2	PASS
		High	5240	AV	5350.000	-49.89	2.00	1.76	49.07	≤54	PASS
				AV	5437.680	-47.47	2.00	1.76	51.49	≤54	PASS
				AV	5460.000	-50.4	2.00	1.76	48.56	≤54	PASS
				Peak	5350.000	-48.52	2.00	0.00	48.68	≤68.2	PASS
				Peak	5355.600	-45.11	2.00	0.00	52.09	≤68.2	PASS
				Peak	5460.000	-49.03	2.00	0.00	48.17	≤68.2	PASS
11AX40SISO	Ant1	Low	5190	AV	4500.000	-61.53	2.00	2.43	38.10	≤54	PASS
				AV	5148.900	-49.17	2.00	2.43	50.46	≤54	PASS
				AV	5150.000	-51.61	2.00	2.43	48.02	≤54	PASS

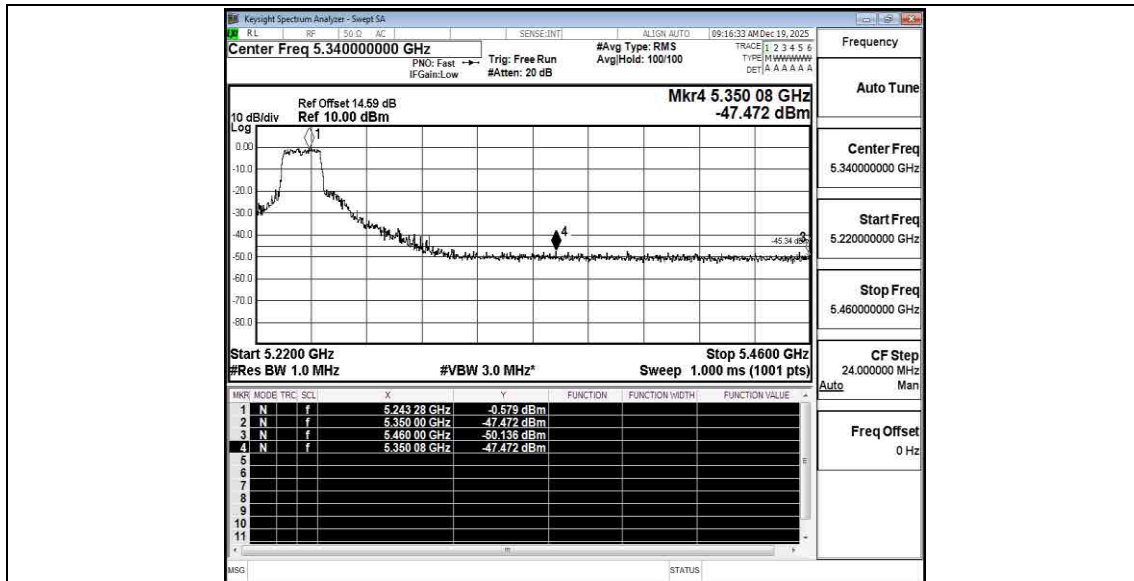
				Peak	4500.000	-57.88	2.00	0.00	39.32	≤68.2	PASS
				Peak	5148.200	-45.27	2.00	0.00	51.93	≤68.2	PASS
				Peak	5150.000	-45.23	2.00	0.00	51.97	≤68.2	PASS
		High	5230	AV	5350.000	-49.52	2.00	2.73	50.41	≤54	PASS
				AV	5365.880	-47.24	2.00	2.73	52.69	≤54	PASS
				AV	5460.000	-50.52	2.00	2.73	49.41	≤54	PASS
				Peak	5350.000	-45.71	2.00	0.00	51.49	≤68.2	PASS
				Peak	5366.400	-45.32	2.00	0.00	51.88	≤68.2	PASS
				Peak	5460.000	-48.05	2.00	0.00	49.15	≤68.2	PASS

Note:

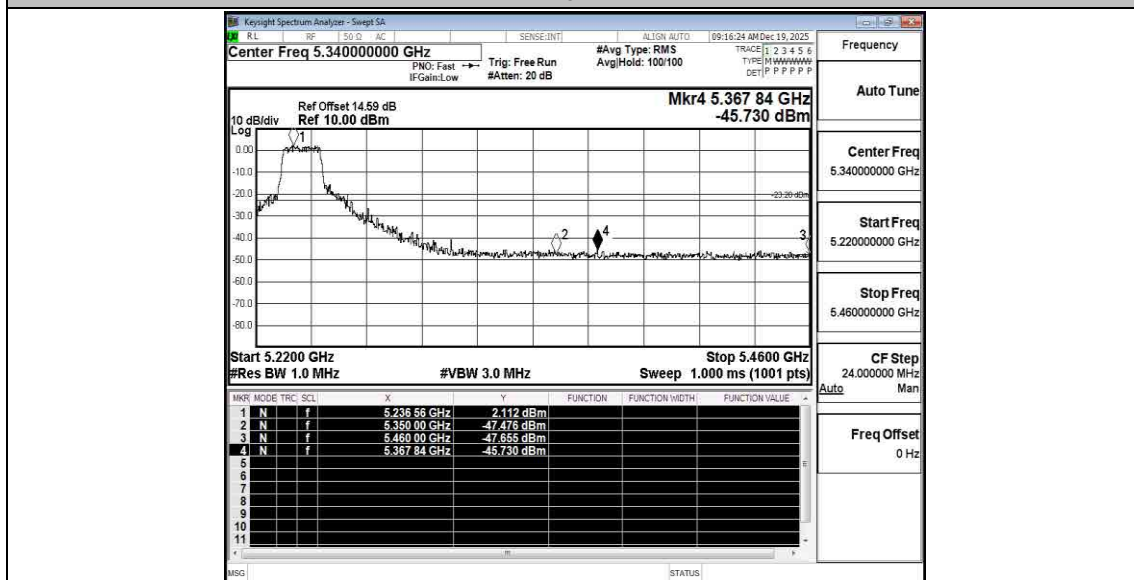
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

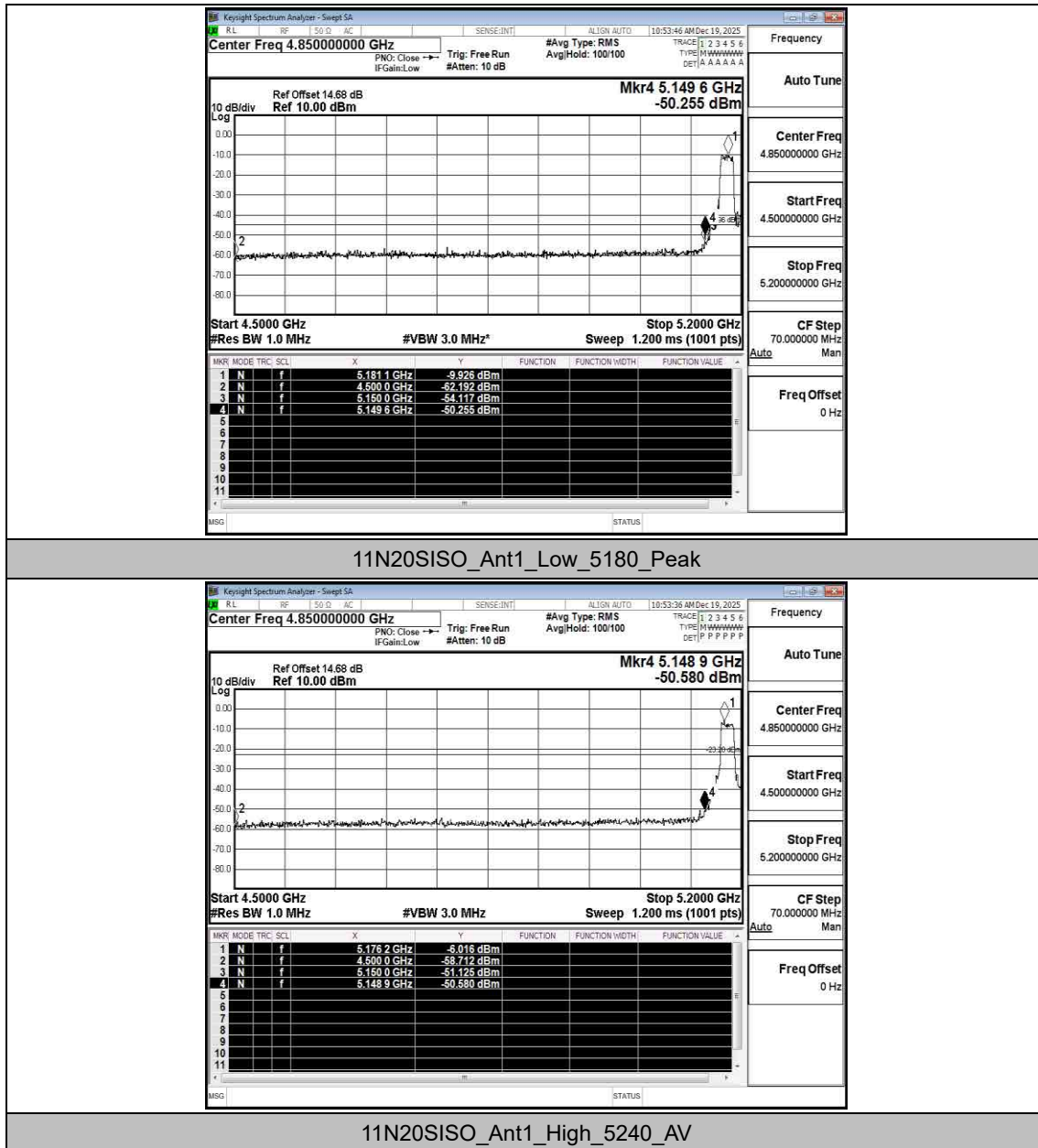


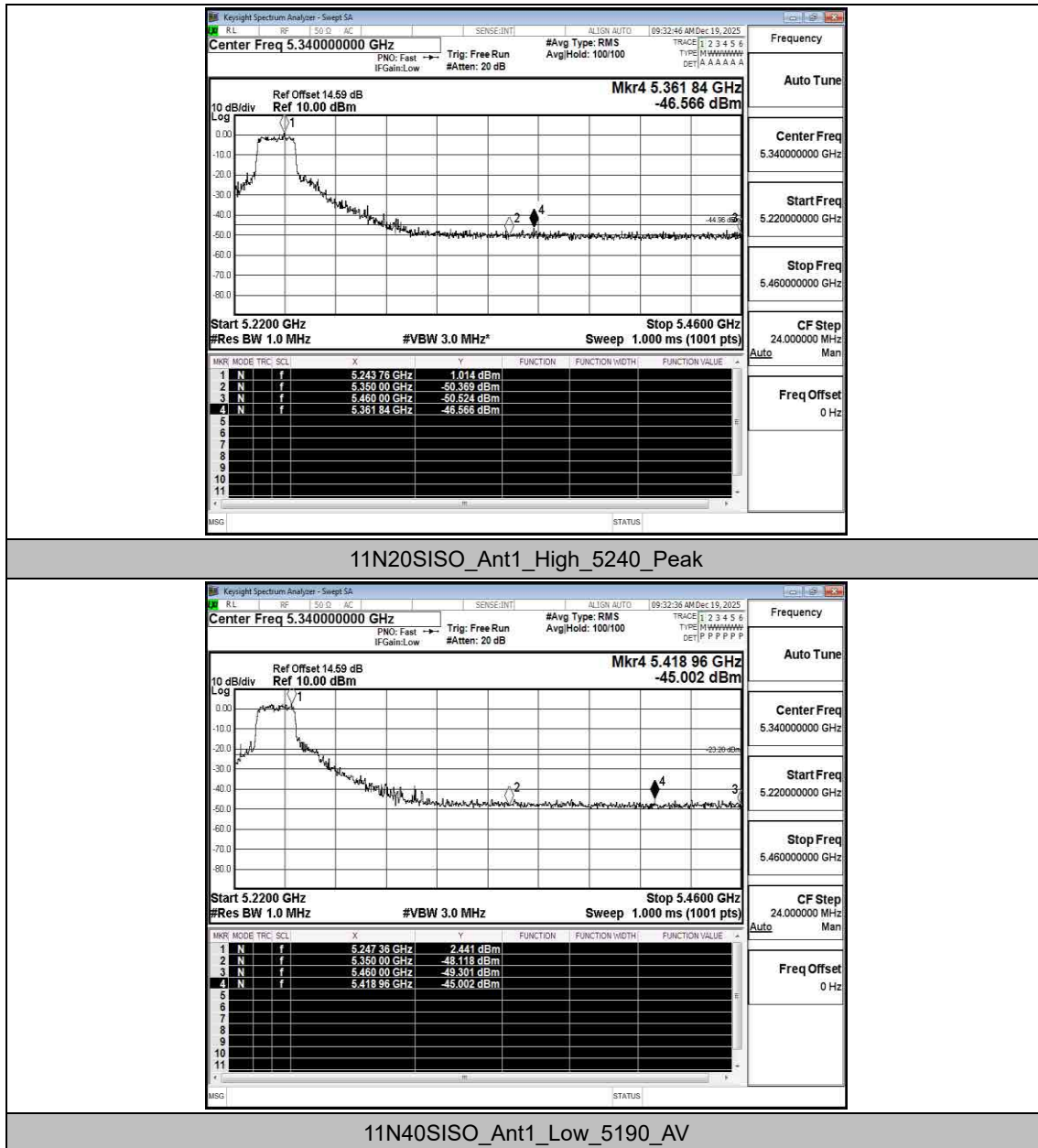


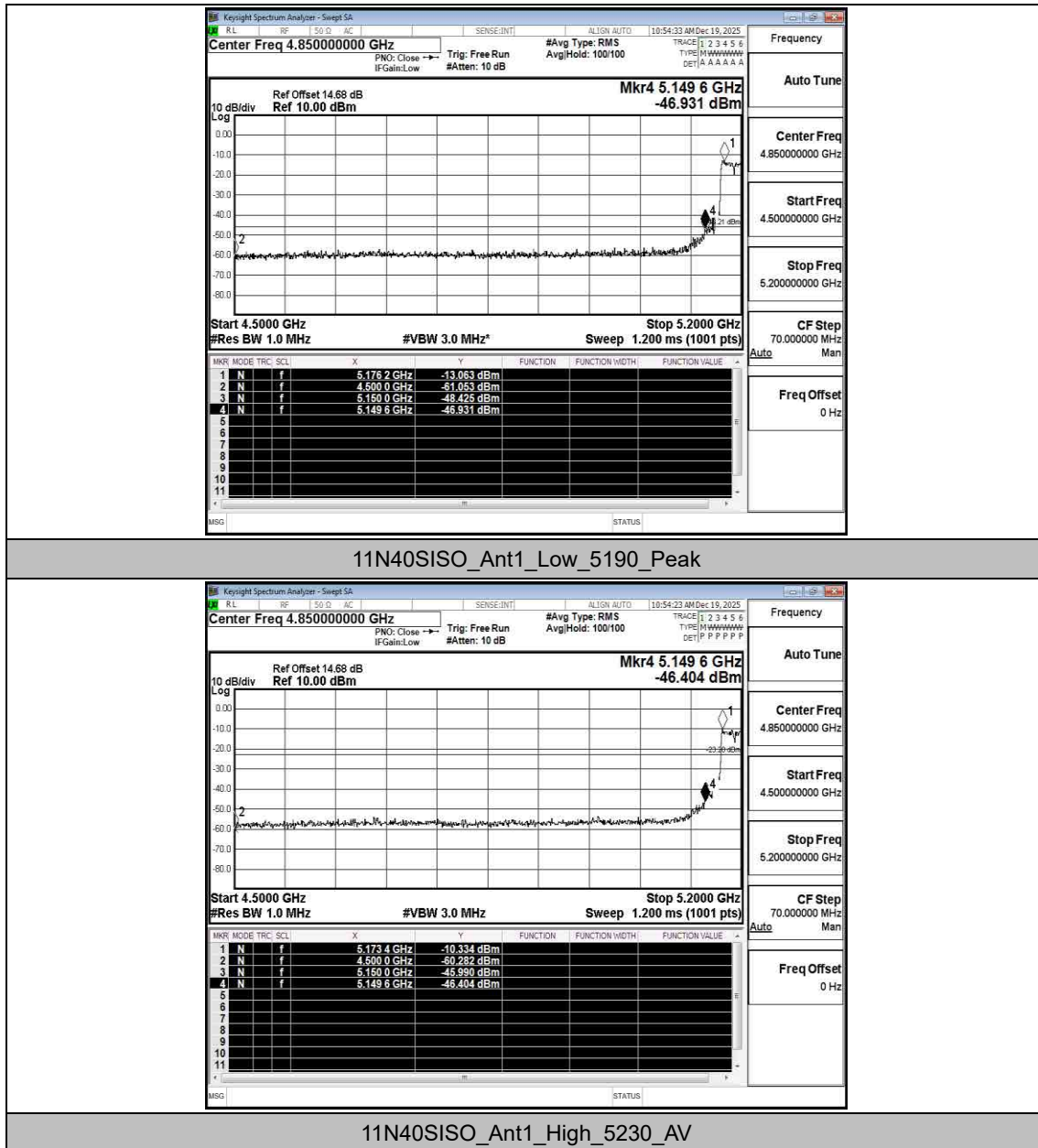
11A_Ant1_High_5240_Peak

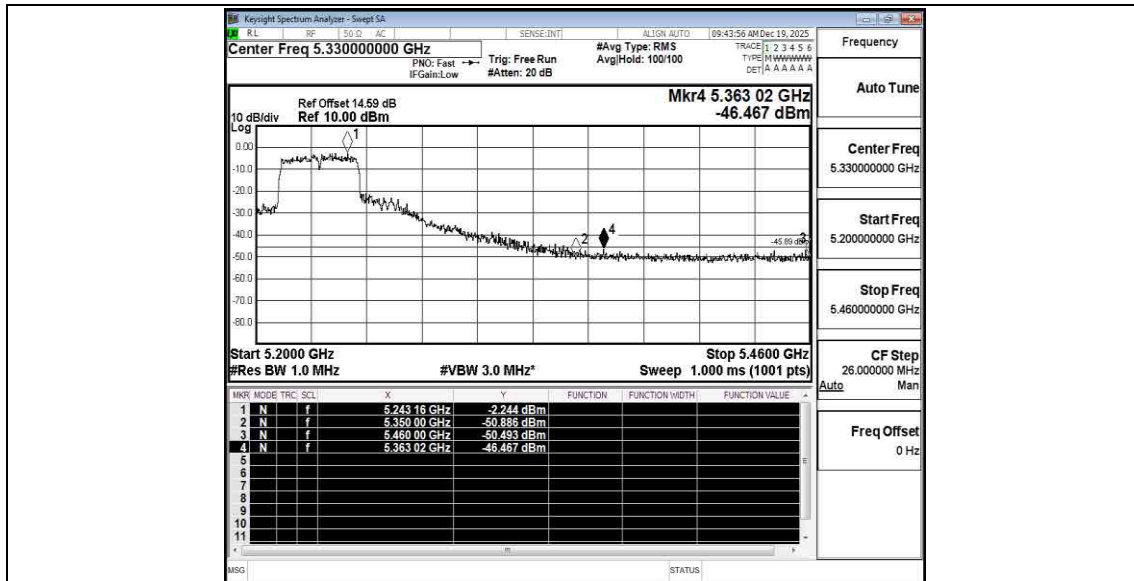


11N20SISO_Ant1_Low_5180_AV

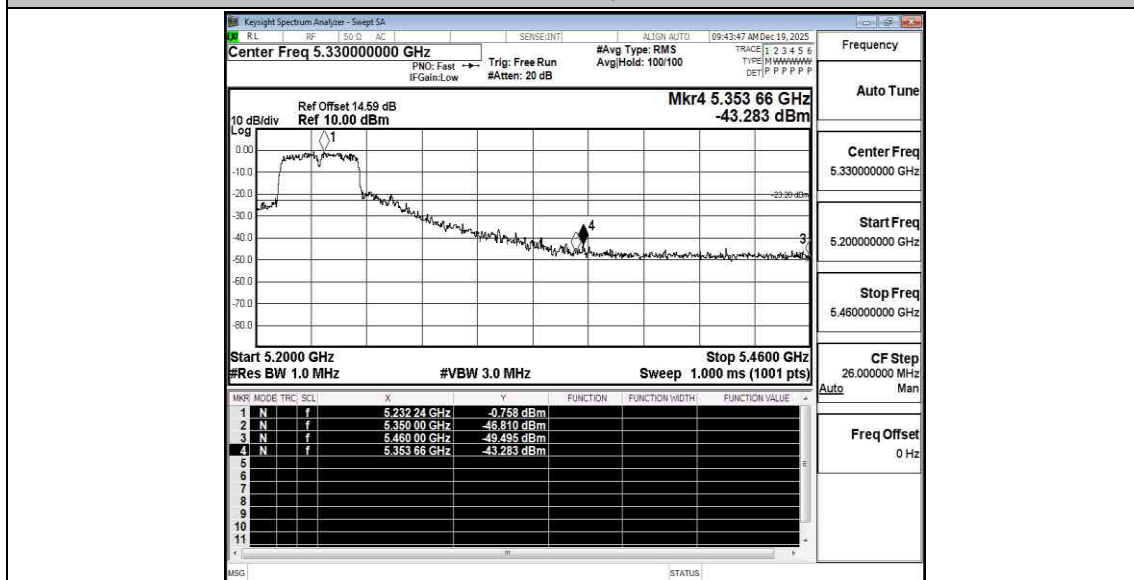




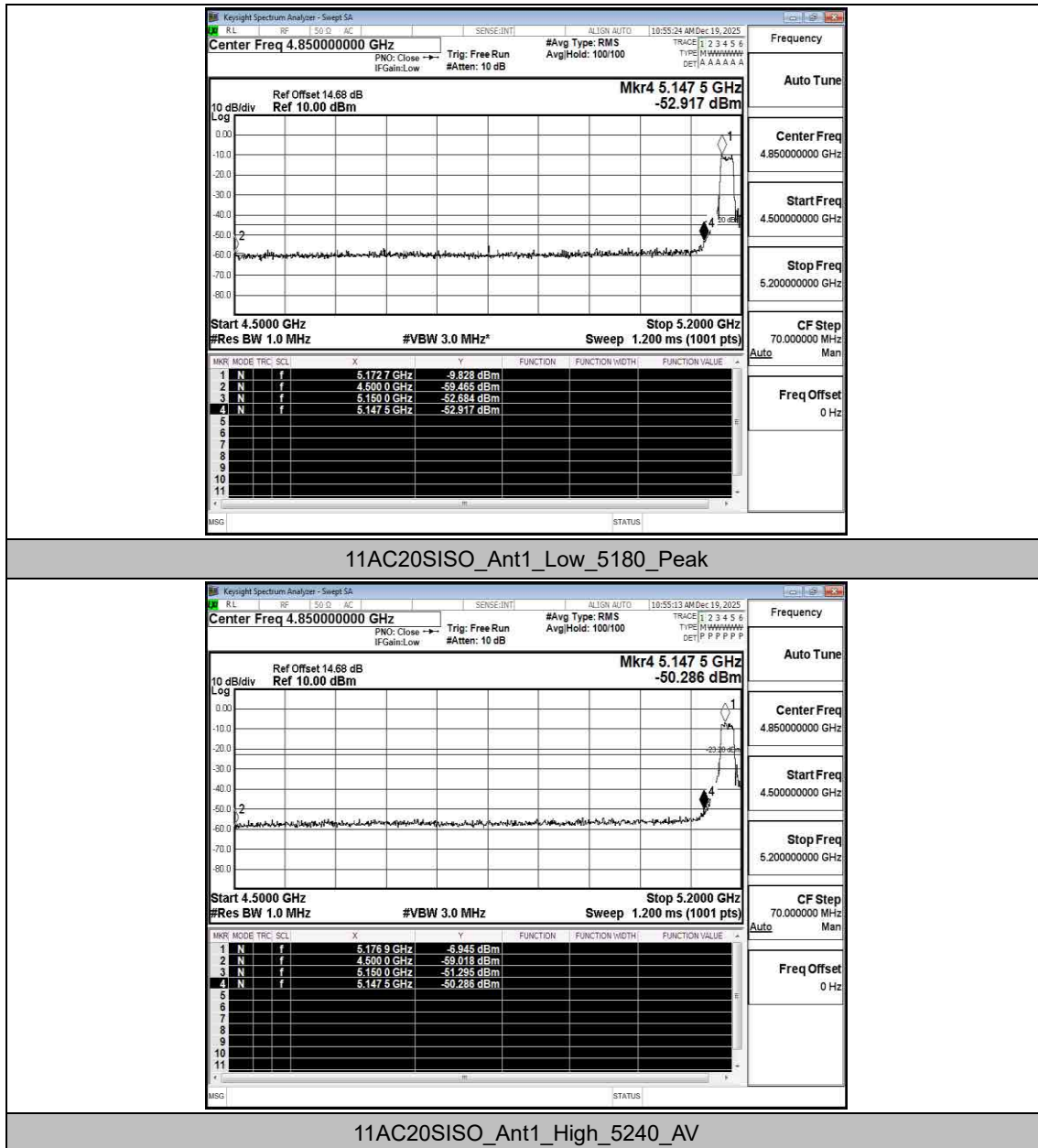


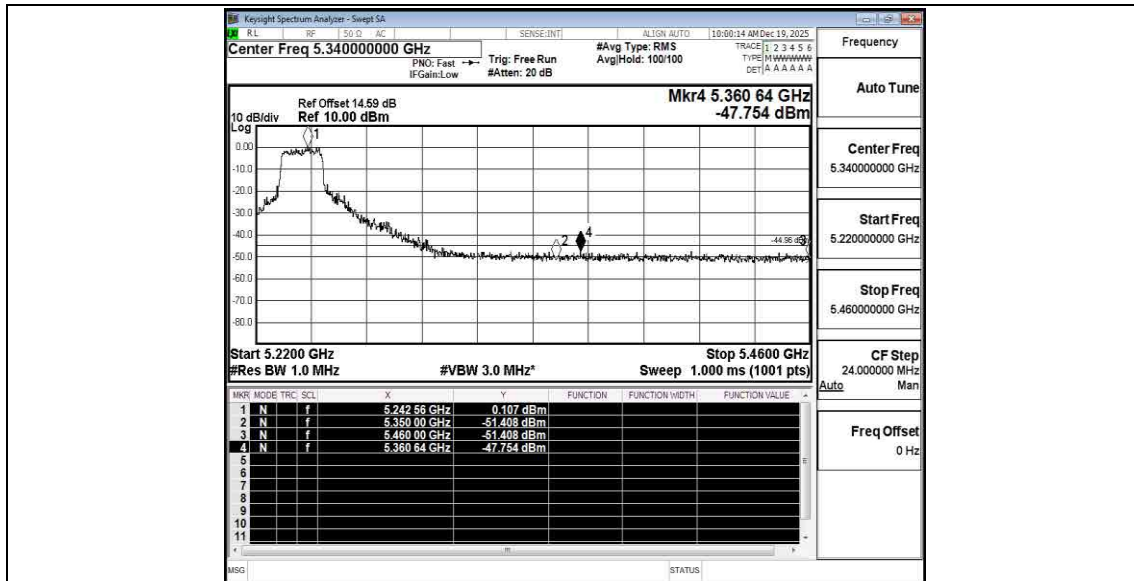


11N40SISO_Ant1_High_5230_Peak

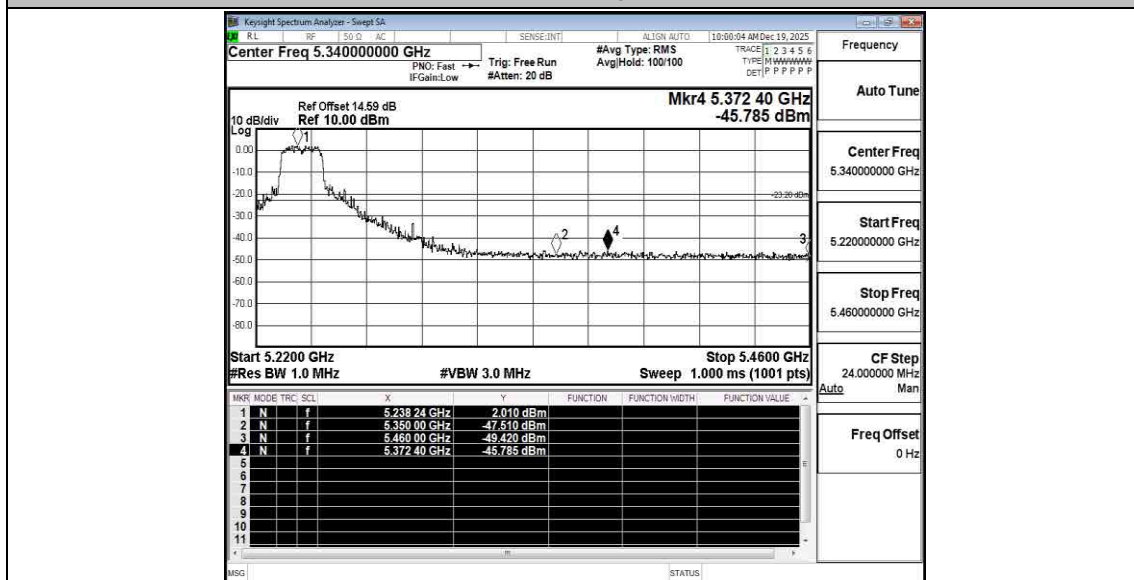


11AC20SISO_Ant1_Low_5180_AV

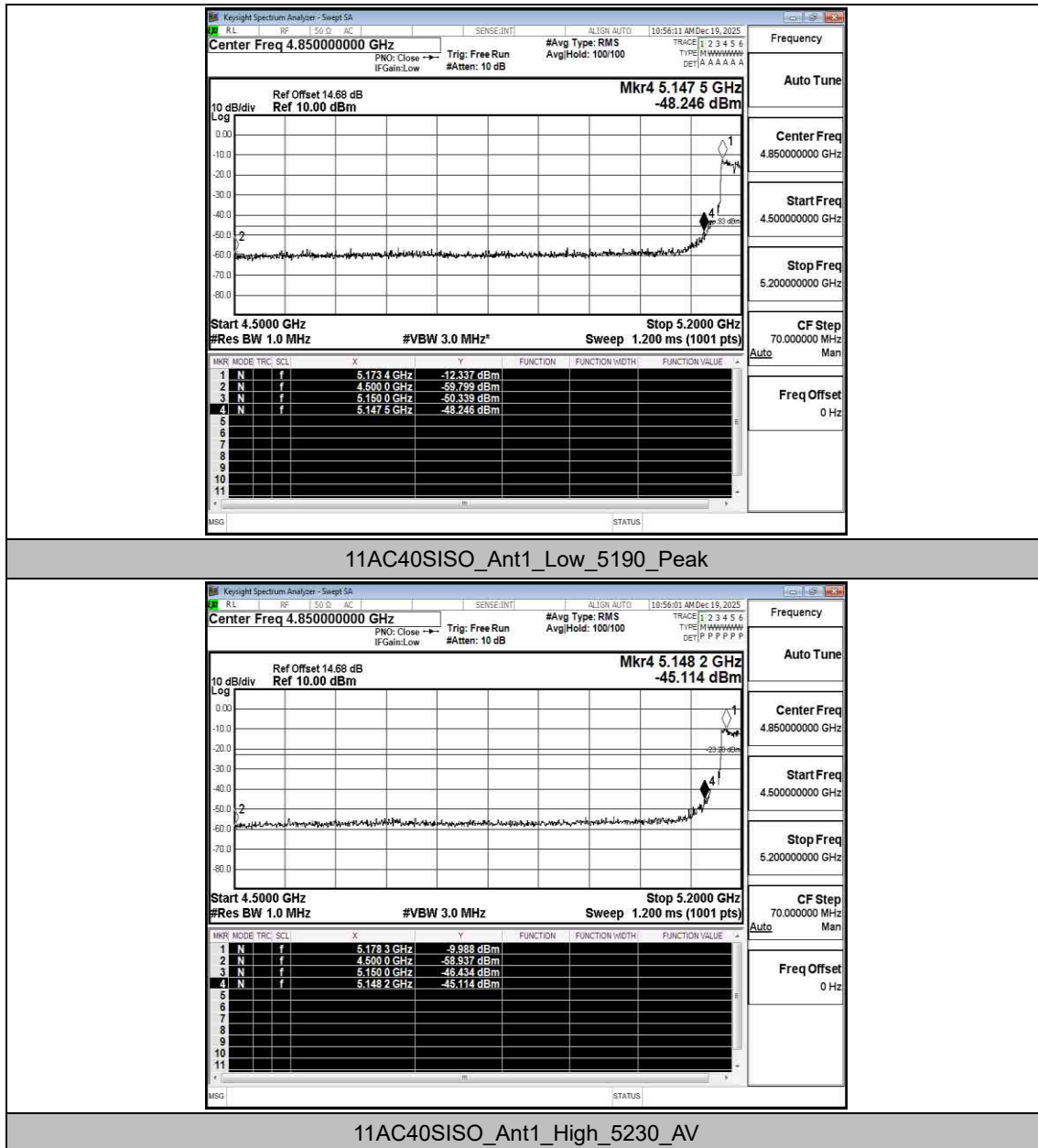


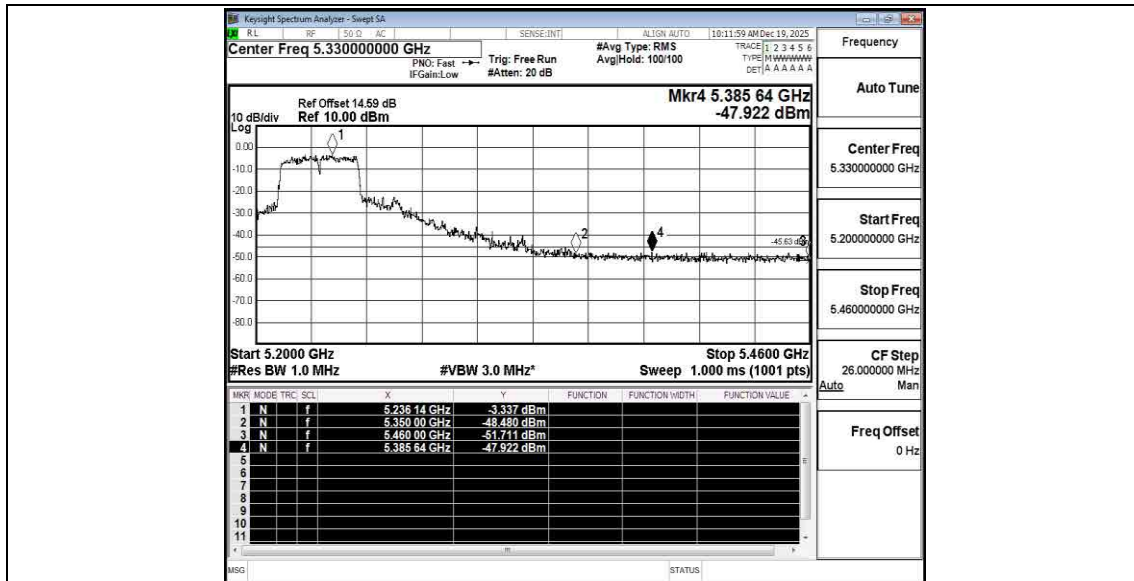


11AC20SISO_Ant1_High_5240_Peak

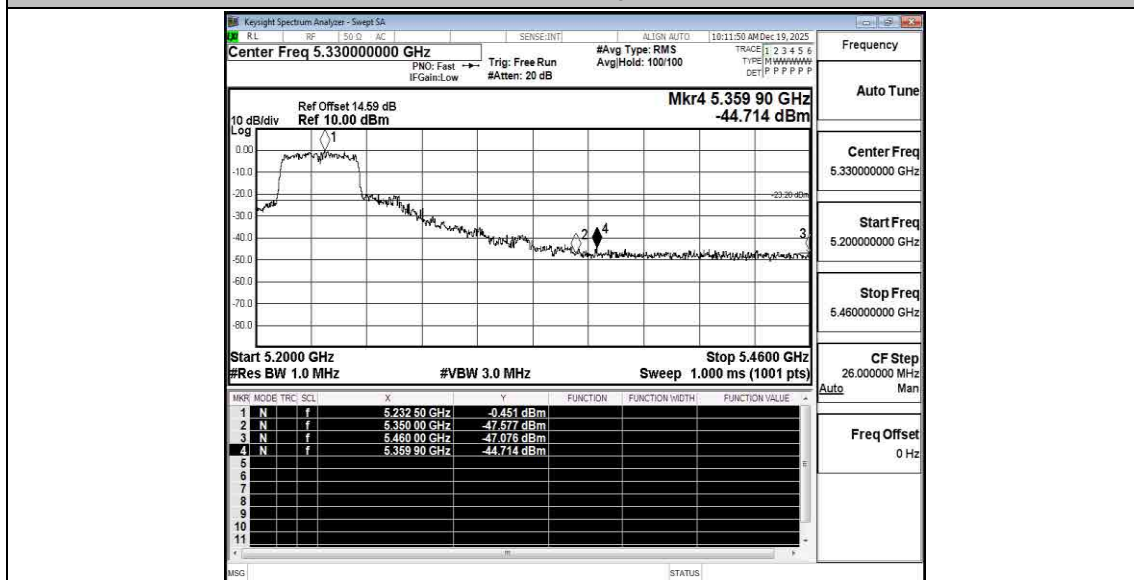


11AC40SISO_Ant1_Low_5190_AV

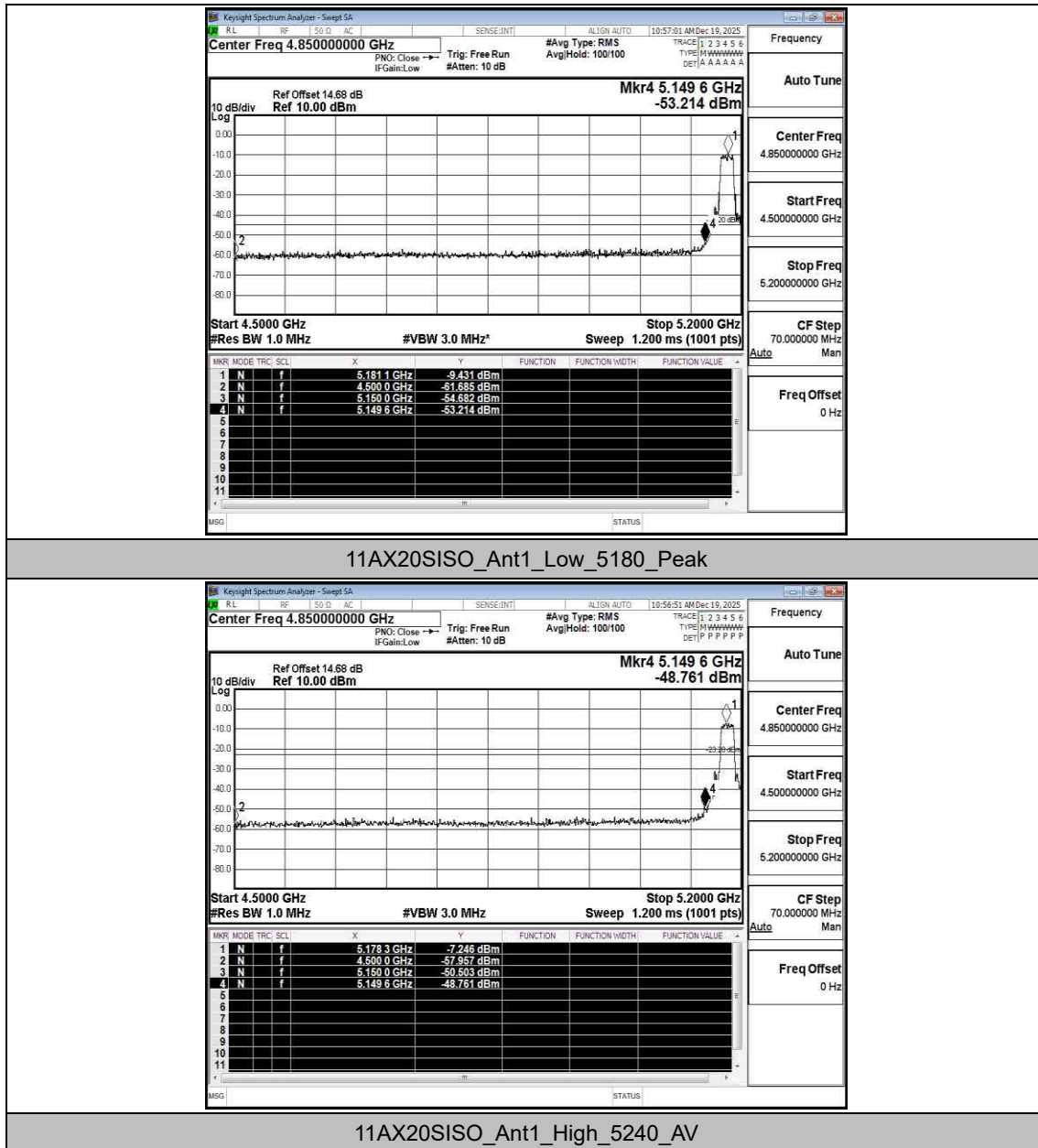


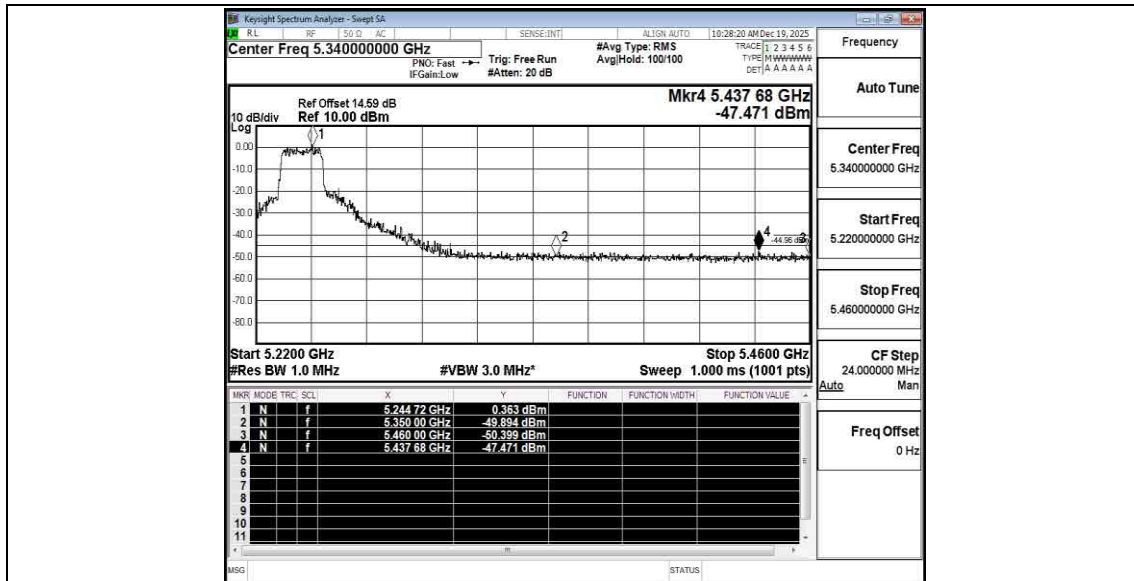


11AC40SISO_Ant1_High_5230_Peak

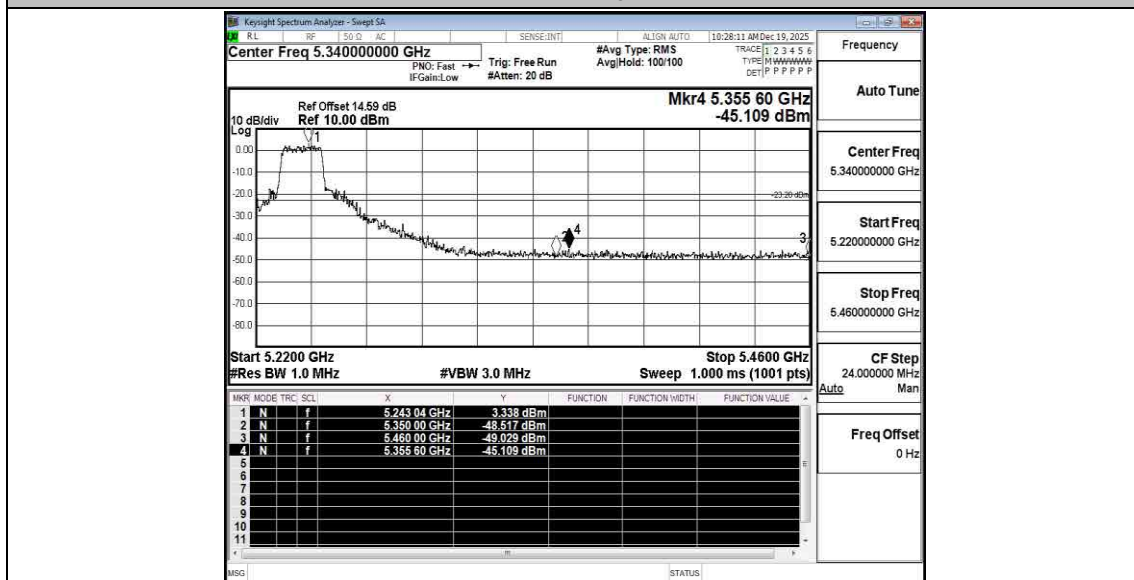


11AX20SISO_Ant1_Low_5180_AV

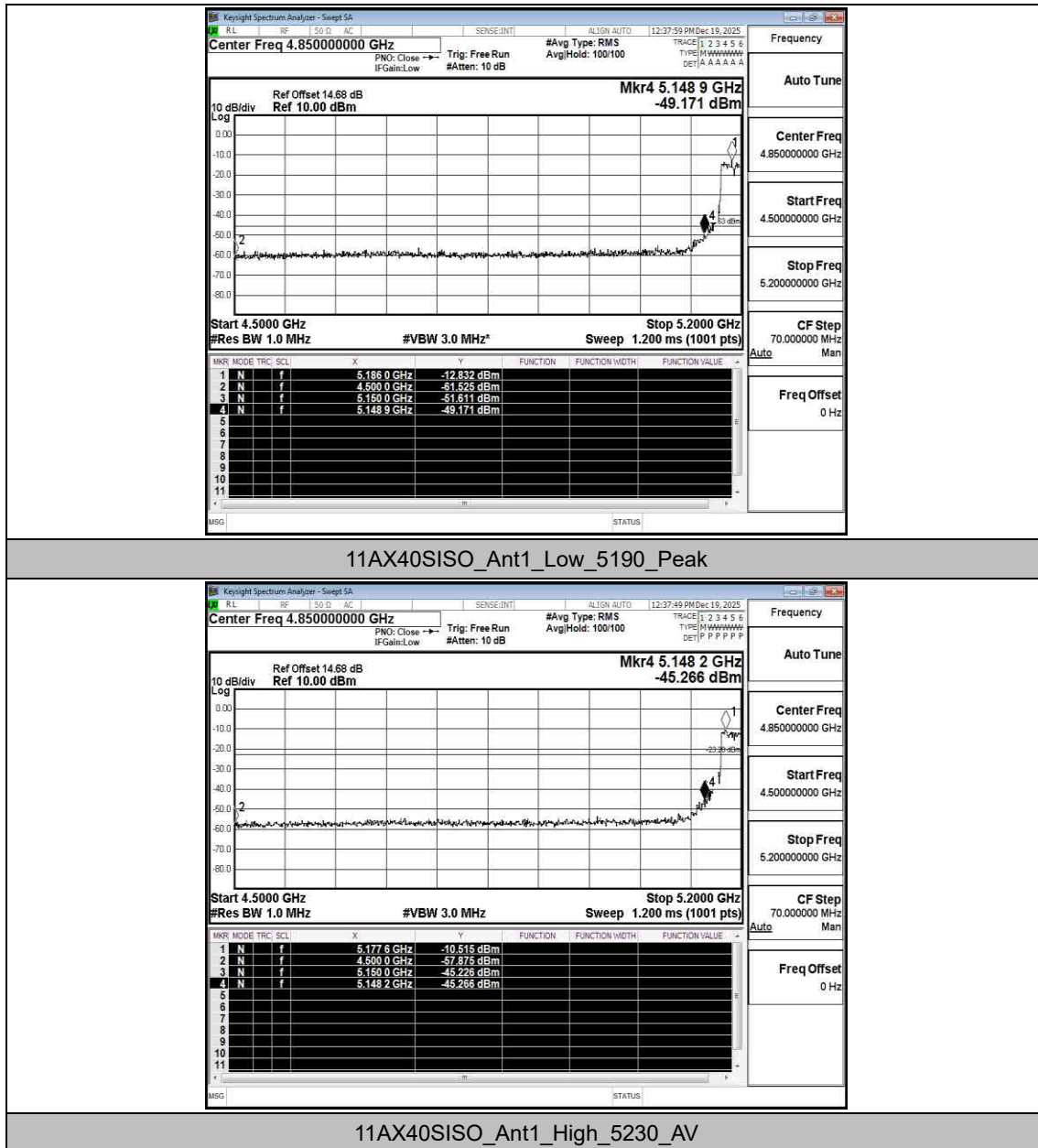


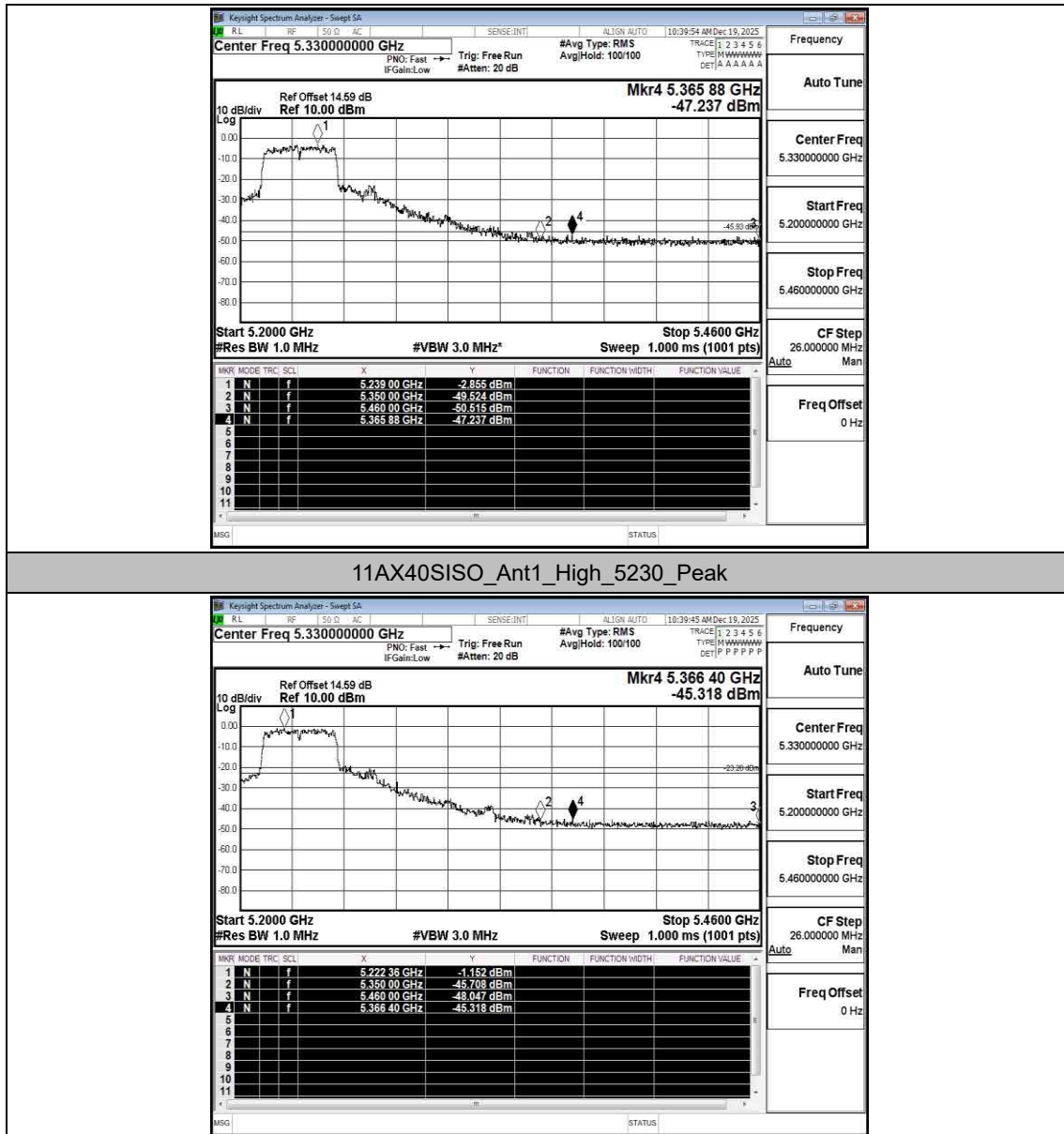


11AX20SISO_Ant1_High_5240_Peak



11AX40SISO_Ant1_Low_5190_AV





D.5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq(M Hz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-40000.00	-7.692308	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5180	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-40000.00	-7.633588	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	-40000.00	-7.648184	20	PASS
11AC20S ISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-20000.00	-3.861004	20	PASS
		5200	NV	NT	-20000.00	-3.846154	20	PASS
			LV	NT	-20000.00	-3.846154	20	PASS
			HV	NT	-20000.00	-3.846154	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-40000.00	-7.633588	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11AC40S	Ant1	5190	NV	NT	120000.00	23.121387	20	FAIL

ISO			LV	NT	-40000.00	-7.707129	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
		5230	NV	NT	-40000.00	-7.648184	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AX20SI SO	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5200	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.692308	20	PASS
		5240	NV	NT	-20000.00	-3.816794	20	PASS
			LV	NT	-20000.00	-3.816794	20	PASS
			HV	NT	-20000.00	-3.816794	20	PASS
11AX40SI SO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-40000.00	-7.707129	20	PASS
		5230	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-7.648184	20	PASS
			HV	NT	0.00	0.000000	20	PASS

Temperature								
TestMode	Antenna	Freq(M Hz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-20000.00	-3.861004	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-40000.00	-7.722008	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
		5200	NV	50	-20000.00	-3.861004	20	PASS
			NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	-40000.00	-7.692308	20	PASS
			NV	-10	-40000.00	-7.692308	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-40000.00	-7.692308	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS

		5240	NV	50	-20000.00	-3.846154	20	PASS
			NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-40000.00	-7.633588	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	-40000.00	-7.633588	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
11N20SI SO	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.722008	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-20000.00	-3.861004	20	PASS
			NV	20	-40000.00	-7.722008	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5200	NV	-30	-20000.00	-3.846154	20	PASS
			NV	-20	20000.00	3.846154	20	PASS
			NV	-10	-20000.00	-3.846154	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-20000.00	-3.846154	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	-40000.00	-7.692308	20	PASS
		5240	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.633588	20	PASS
			NV	-10	-20000.00	-3.816794	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	-20000.00	-3.816794	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS
11N40SI SO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS

			NV	10	-40000.00	-7.707129	20	PASS
			NV	20	-80000.00	-15.414258	20	PASS
			NV	30	-40000.00	-7.707129	20	PASS
			NV	40	-40000.00	-7.707129	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
		5230	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-40000.00	-7.648184	20	PASS
			NV	-10	-40000.00	-7.648184	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.648184	20	PASS
			NV	30	-40000.00	-7.648184	20	PASS
			NV	40	-40000.00	-7.648184	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS
11AC20S ISO	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.722008	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	-20000.00	-3.861004	20	PASS
			NV	40	-20000.00	-3.861004	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	-40000.00	-7.692308	20	PASS
			NV	-20	-20000.00	-3.846154	20	PASS
			NV	-10	-40000.00	-7.692308	20	PASS
			NV	0	-40000.00	-7.692308	20	PASS
			NV	10	-40000.00	-7.692308	20	PASS
			NV	20	-20000.00	-3.846154	20	PASS
			NV	30	-40000.00	-7.692308	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS
			NV	20	-20000.00	-3.816794	20	PASS
			NV	30	-40000.00	-7.633588	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.816794	20	PASS

11AC40S ISO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
			NV	-20	-40000.00	-7.707129	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
		5230	NV	-30	-40000.00	-7.648184	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.648184	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS
11AX20SI SO	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	-20000.00	-3.861004	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-20000.00	-3.861004	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-40000.00	-7.722008	20	PASS
			NV	30	-40000.00	-7.722008	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-20000.00	-3.861004	20	PASS
		5200	NV	-30	0.00	0.000000	20	PASS
			NV	-20	-60000.00	-11.538462	20	PASS
			NV	-10	-40000.00	-7.692308	20	PASS
			NV	0	-20000.00	-3.846154	20	PASS
			NV	10	-60000.00	-11.538462	20	PASS
			NV	20	-40000.00	-7.692308	20	PASS
			NV	30	-20000.00	-3.846154	20	PASS
			NV	40	-20000.00	-3.846154	20	PASS
			NV	50	-20000.00	-3.846154	20	PASS
		5240	NV	-30	-20000.00	-3.816794	20	PASS
			NV	-20	-20000.00	-3.816794	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.633588	20	PASS
			NV	10	-20000.00	-3.816794	20	PASS

11AX40SI SO	Ant1		NV	20	-40000.00	-7.633588	20	PASS
			NV	30	20000.00	3.816794	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.633588	20	PASS
		5190	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-7.707129	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-40000.00	-7.707129	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.707129	20	PASS
		5230	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	-40000.00	-7.648184	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	0.00	0.000000	20	PASS
			NV	30	0.00	0.000000	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	-40000.00	-7.648184	20	PASS

D.6 Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict	DC Factor [dB]
11A	Ant1	5180	0.11	0.18	61.11	---	---	2.14
		5200	0.12	0.18	66.67	---	---	1.76
		5240	0.11	0.18	61.11	---	---	2.14
11N20SISO	Ant1	5180	0.12	0.18	66.67	---	---	1.76
		5200	0.12	0.18	66.67	---	---	1.76
		5240	0.12	0.18	66.67	---	---	1.76
11N40SISO	Ant1	5190	0.07	0.14	50.00	---	---	3.01
		5230	0.07	0.13	53.85	---	---	2.69
11AC20SISO	Ant1	5180	0.12	0.19	63.16	---	---	2.00
		5200	0.13	0.19	68.42	---	---	1.65
		5240	0.12	0.18	66.67	---	---	1.76
11AC40SISO	Ant1	5190	0.08	0.15	53.33	---	---	2.73
		5230	0.08	0.14	57.14	---	---	2.43
11AX20SISO	Ant1	5180	0.12	0.19	63.16	---	---	2.00
		5200	0.13	0.19	68.42	---	---	1.65
		5240	0.12	0.18	66.67	---	---	1.76
11AX40SISO	Ant1	5190	0.08	0.14	57.14	---	---	2.43
		5230	0.08	0.15	53.33	---	---	2.73

Test Graphs

