

Appendix D

RF Test Data for 5.2GWIFI (Conducted Measurement)

Product Name: Portable Wireless Display Monitor

Test Model: MVQ30106GW

Environmental Conditions

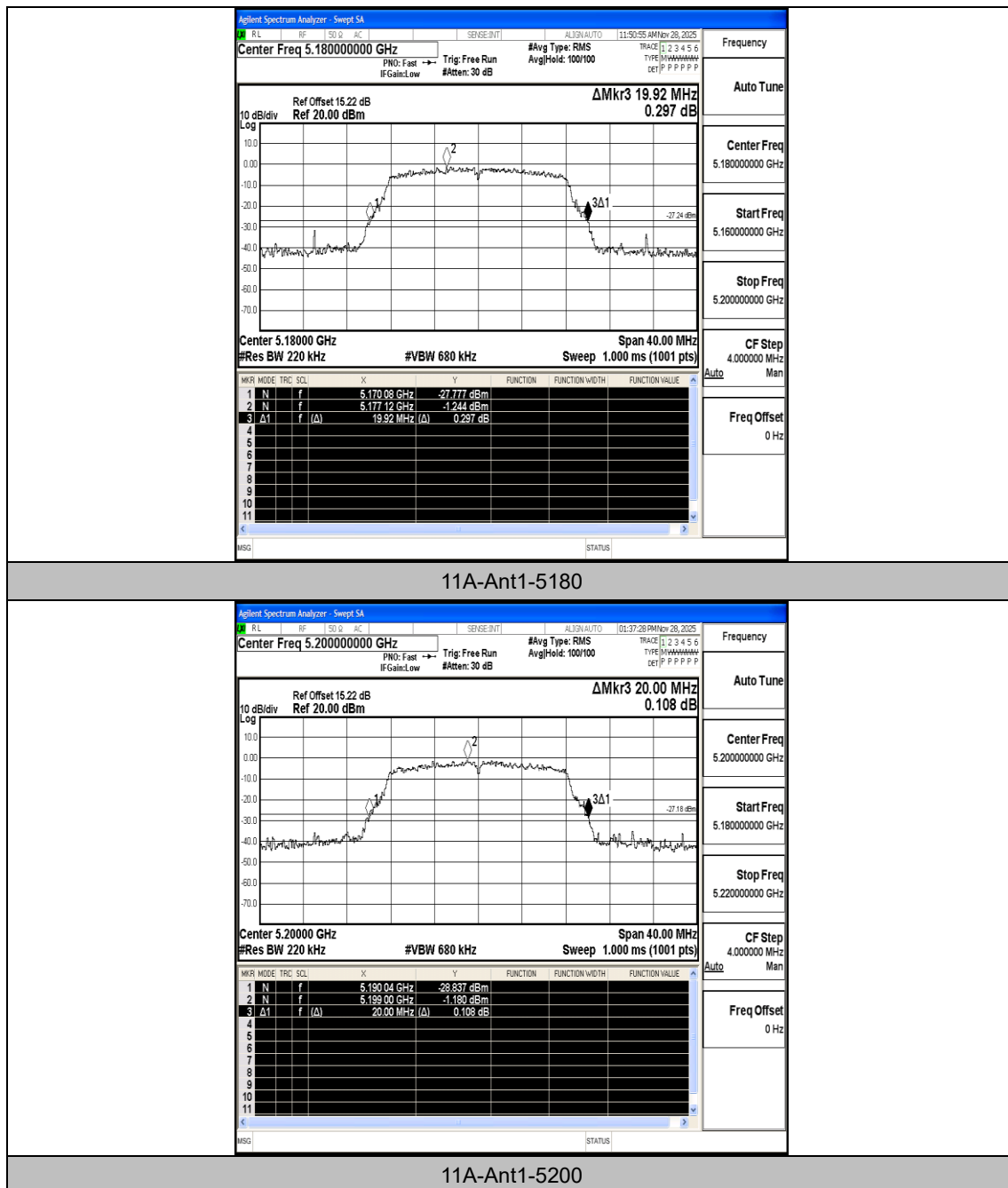
Temperature:	23.3°C
Relative Humidity:	52.6%
ATM Pressure:	100.0 kPa
Test Engineer:	Yongzhou Huang
Supervised by:	Fengliu Tang

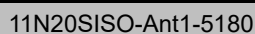
D.1 26dB Bandwidth

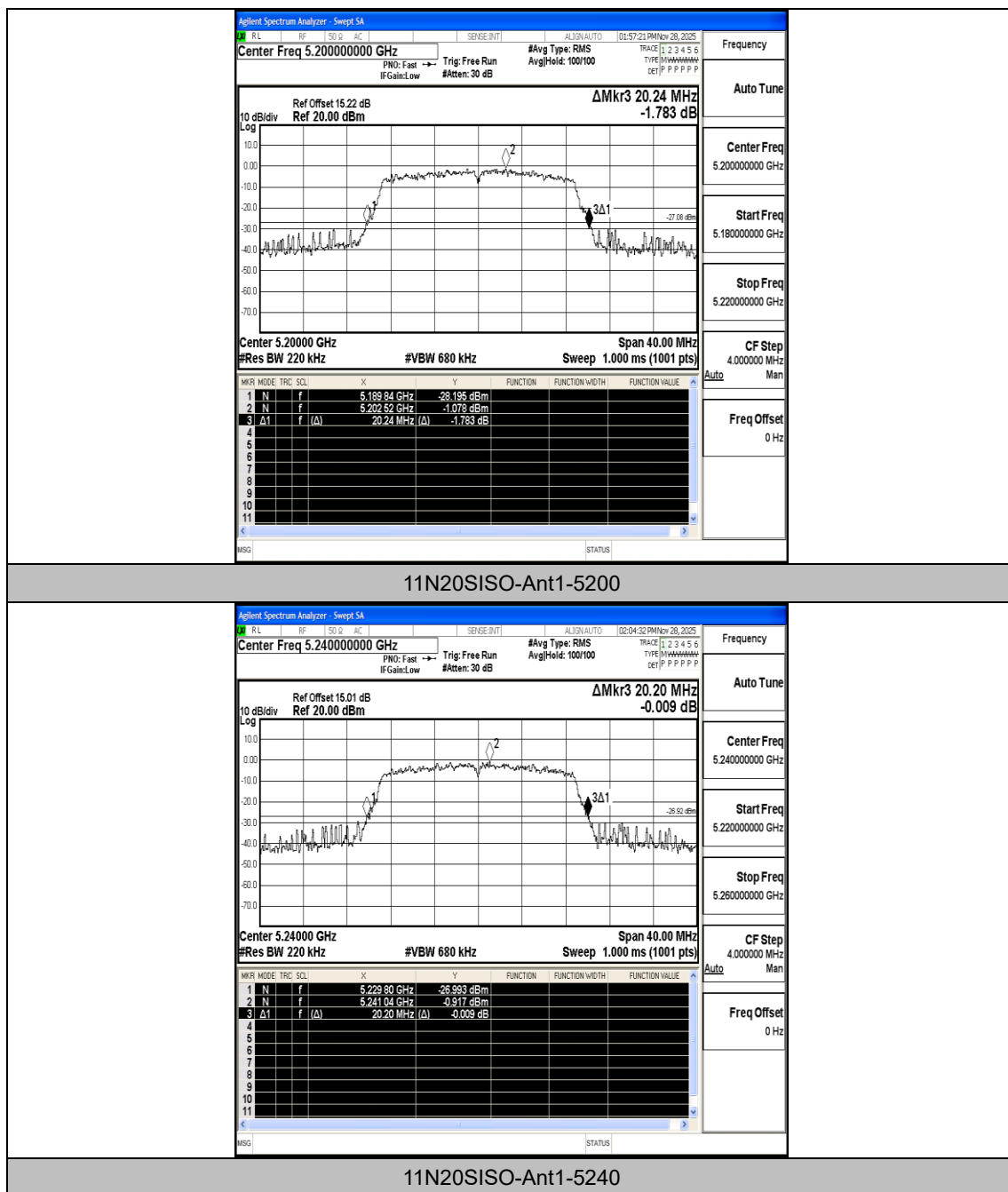
Test Result

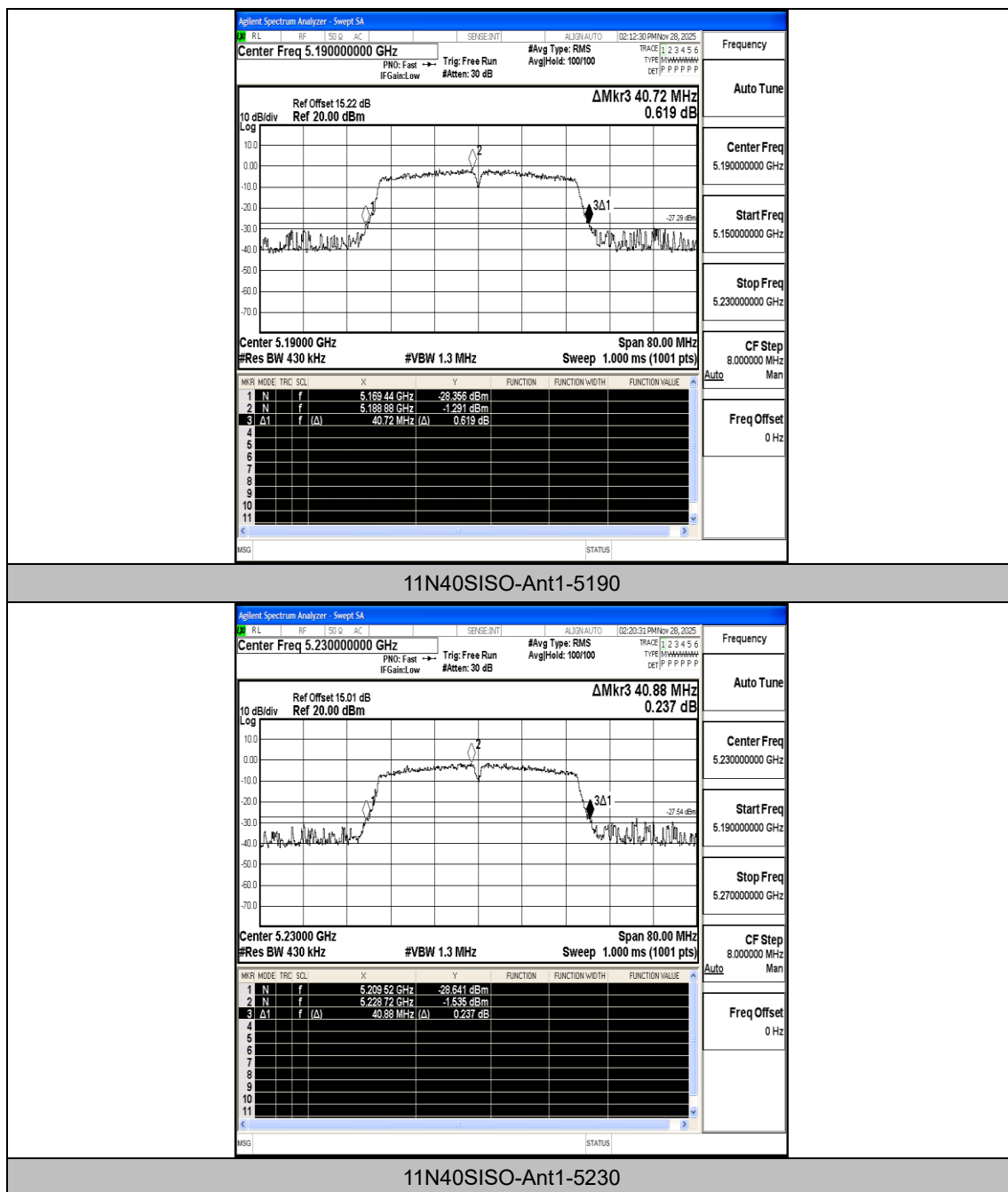
TestMode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5180	19.920	5170.080	5190.000	---	---
11A	Ant1	5200	20.000	5190.040	5210.040	---	---
11A	Ant1	5240	19.640	5230.280	5249.920	---	---
11N20SISO	Ant1	5180	20.080	5169.960	5190.040	---	---
11N20SISO	Ant1	5200	20.240	5189.840	5210.080	---	---
11N20SISO	Ant1	5240	20.200	5229.800	5250.000	---	---
11N40SISO	Ant1	5190	40.720	5169.440	5210.160	---	---
11N40SISO	Ant1	5230	40.880	5209.520	5250.400	---	---
11AC20SISO	Ant1	5180	20.000	5169.960	5189.960	---	---
11AC20SISO	Ant1	5200	20.360	5189.800	5210.160	---	---
11AC20SISO	Ant1	5240	19.920	5230.160	5250.080	---	---
11AC40SISO	Ant1	5190	40.480	5169.760	5210.240	---	---
11AC40SISO	Ant1	5230	40.560	5209.760	5250.320	---	---
11AC80SISO	Ant1	5210	80.800	5169.840	5250.640	---	---

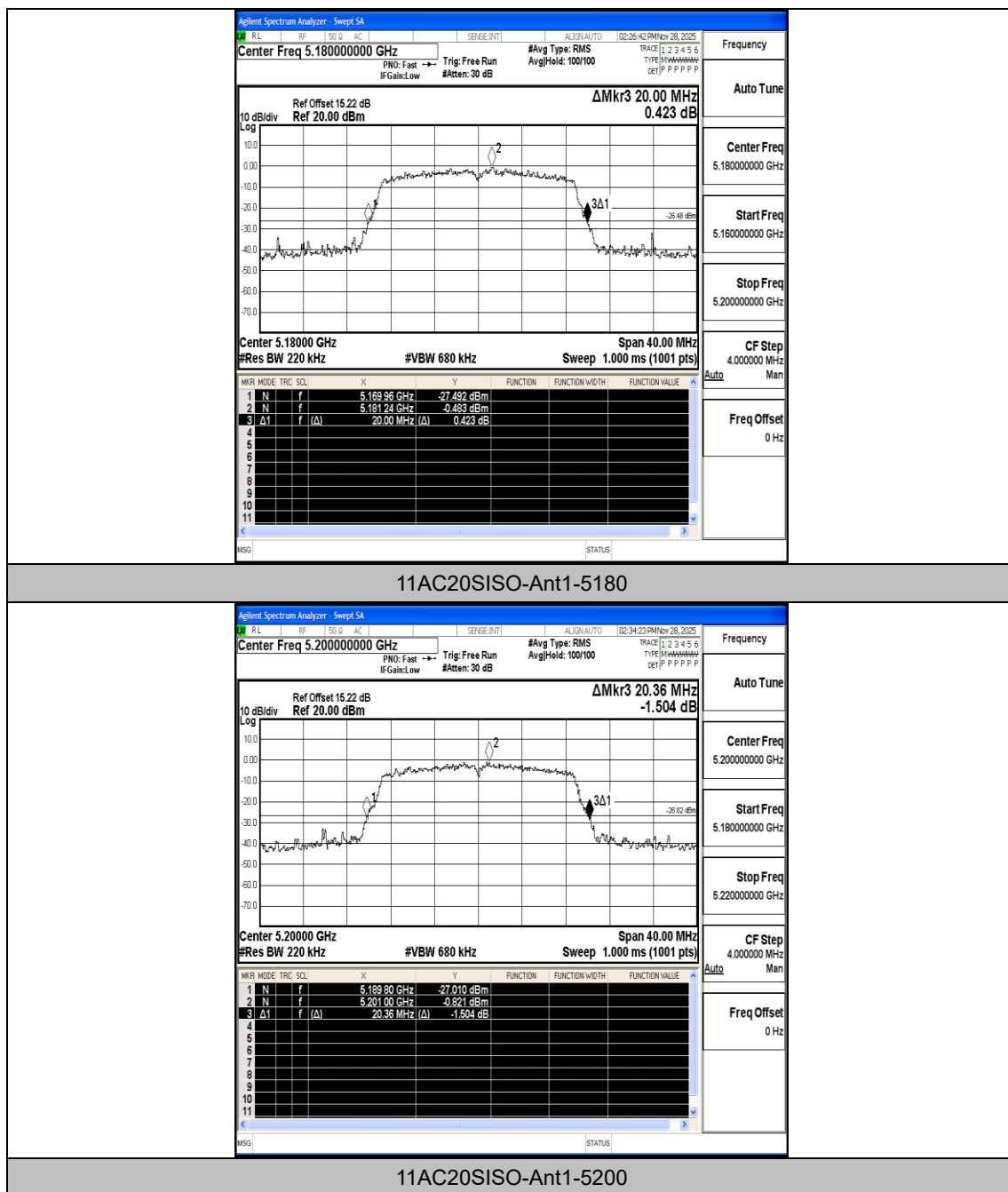
Test Graphs

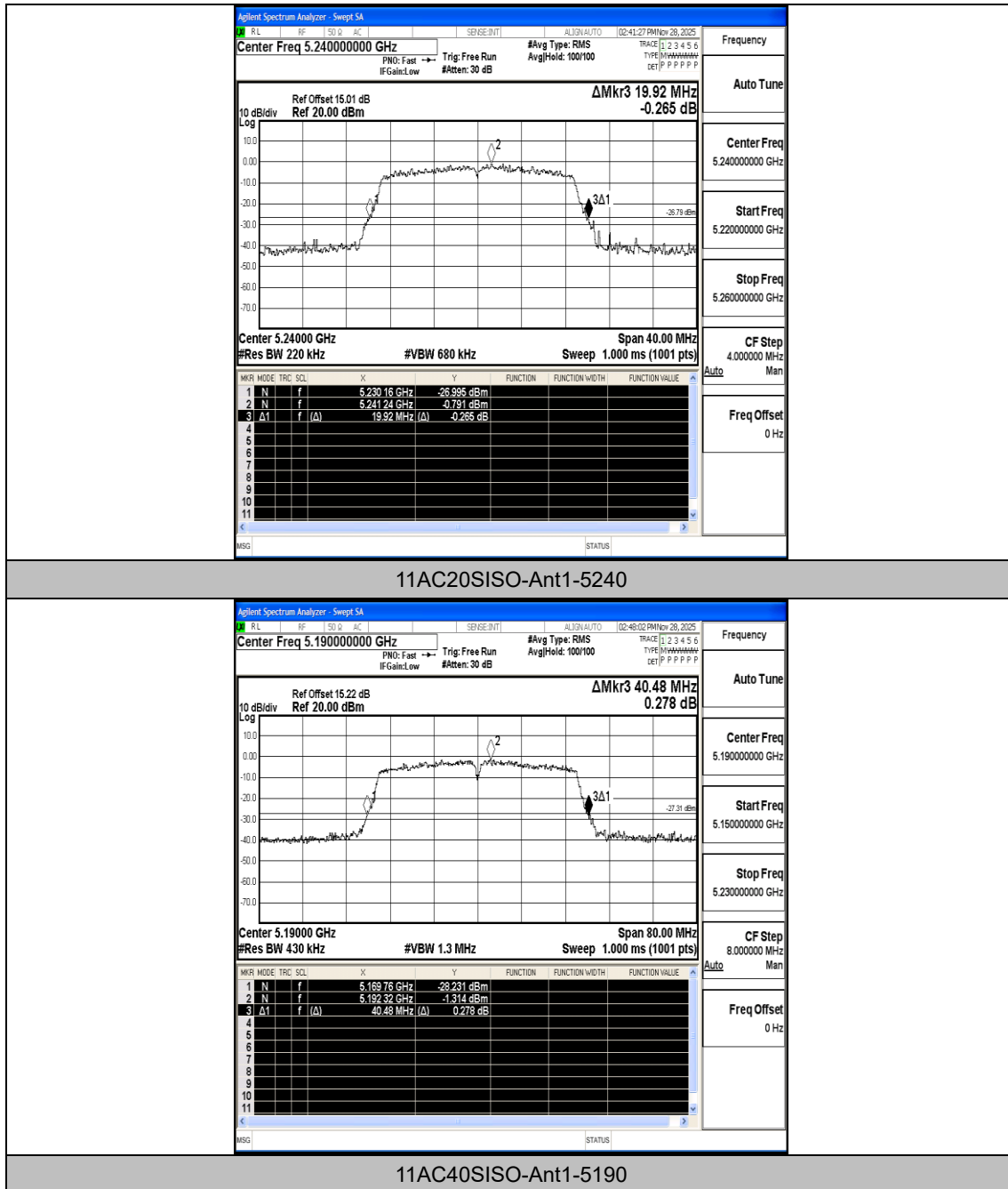


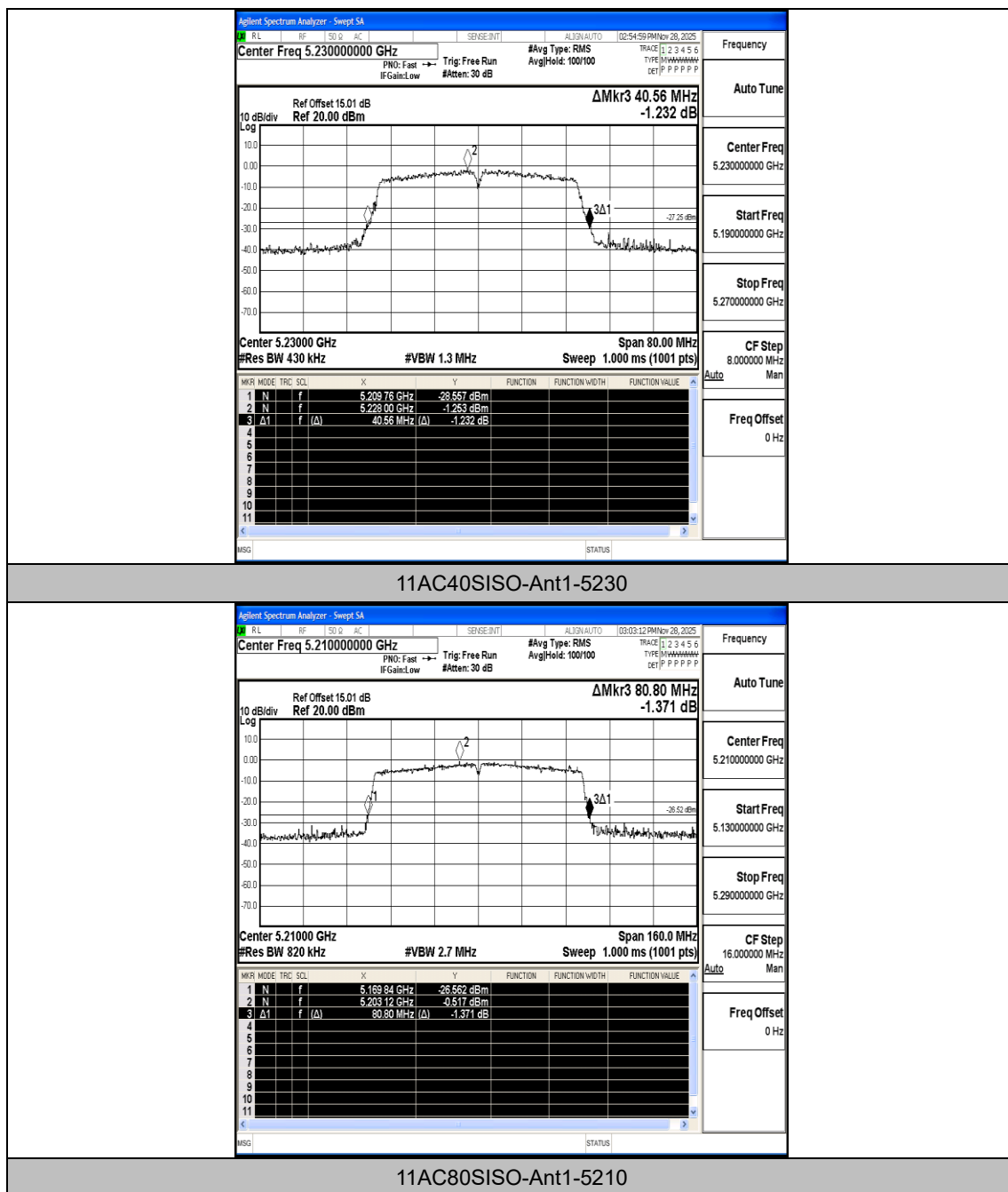












D.2 Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	8.76	96.53	0.15	8.91	≤24	PASS
11A	Ant1	5200	8.44	96.53	0.15	8.59	≤24	PASS
11A	Ant1	5240	8.29	96.53	0.15	8.44	≤24	PASS
11N20SISO	Ant1	5180	8.55	96.30	0.16	8.71	≤24	PASS
11N20SISO	Ant1	5200	8.62	96.30	0.16	8.78	≤24	PASS
11N20SISO	Ant1	5240	8.58	96.30	0.16	8.74	≤24	PASS
11N40SISO	Ant1	5190	8.56	94.20	0.26	8.82	≤24	PASS
11N40SISO	Ant1	5230	8.29	92.75	0.33	8.62	≤24	PASS
11AC20SISO	Ant1	5180	8.70	96.32	0.16	8.86	≤24	PASS
11AC20SISO	Ant1	5200	8.41	96.30	0.16	8.57	≤24	PASS
11AC20SISO	Ant1	5240	8.42	96.32	0.16	8.58	≤24	PASS
11AC40SISO	Ant1	5190	8.49	94.20	0.26	8.75	≤24	PASS
11AC40SISO	Ant1	5230	8.39	94.20	0.26	8.65	≤24	PASS
11AC80SISO	Ant1	5210	8.23	86.49	0.63	8.86	≤24	PASS

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

D.3 Maximum power spectral density

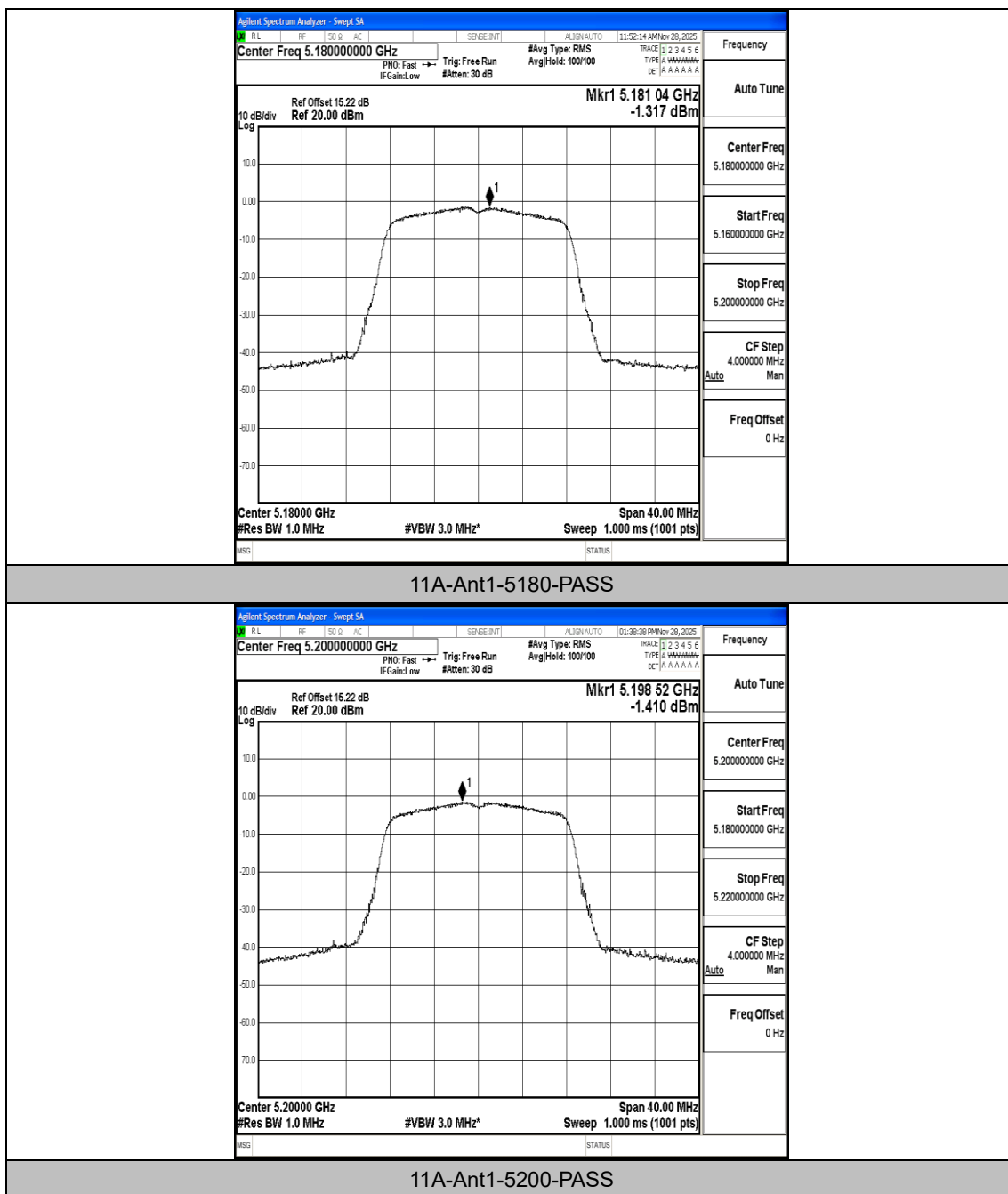
Test Result

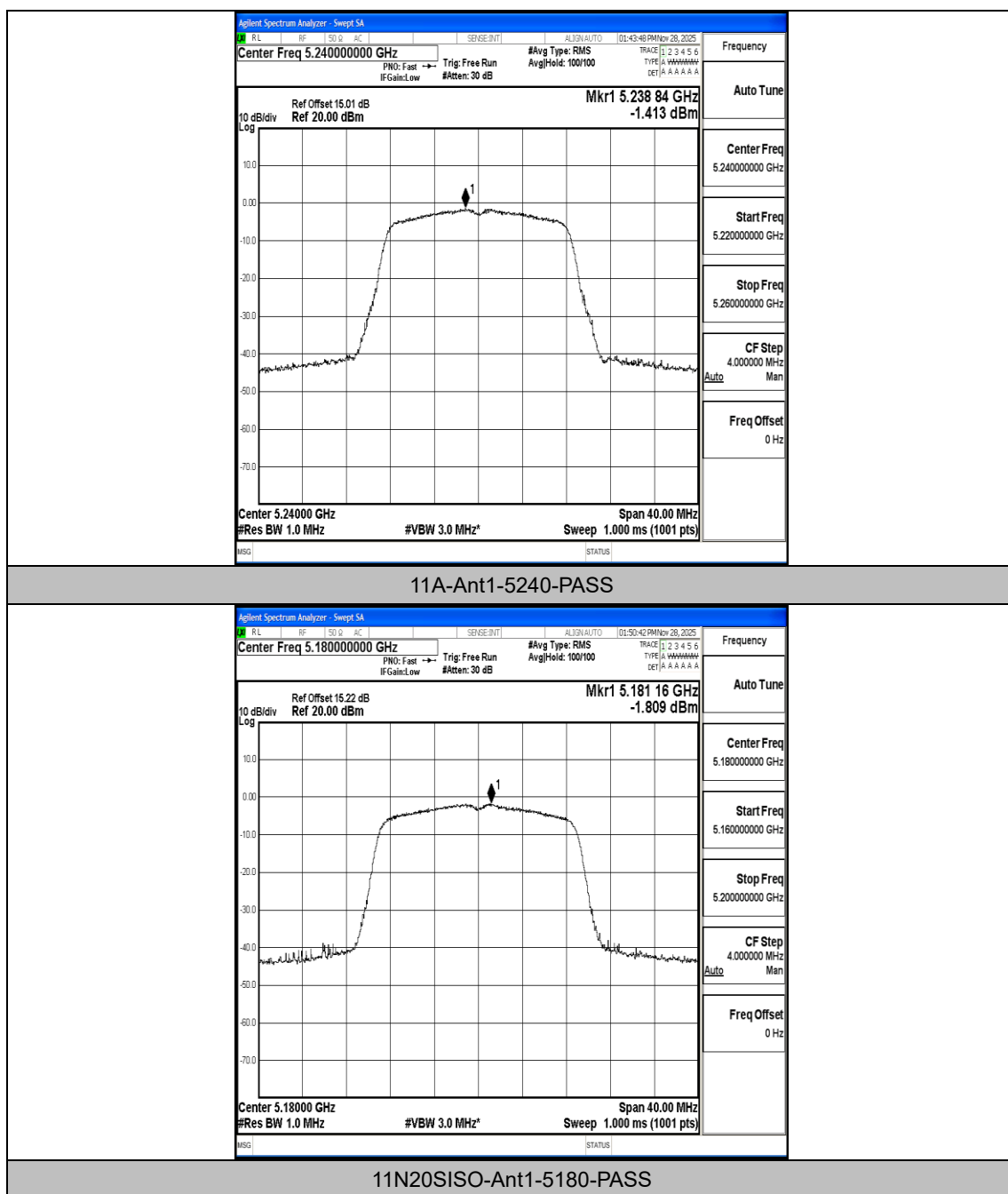
TestMode	Antenna	Frequency [MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	-1.17	≤11.00	PASS
11A	Ant1	5200	-1.26	≤11.00	PASS
11A	Ant1	5240	-1.26	≤11.00	PASS
11N20SISO	Ant1	5180	-1.65	≤11.00	PASS
11N20SISO	Ant1	5200	-1.32	≤11.00	PASS
11N20SISO	Ant1	5240	-1.35	≤11.00	PASS
11N40SISO	Ant1	5190	-4.55	≤11.00	PASS
11N40SISO	Ant1	5230	-4.77	≤11.00	PASS
11AC20SISO	Ant1	5180	-1.55	≤11.00	PASS
11AC20SISO	Ant1	5200	-1.73	≤11.00	PASS
11AC20SISO	Ant1	5240	-1.66	≤11.00	PASS
11AC40SISO	Ant1	5190	-4.75	≤11.00	PASS
11AC40SISO	Ant1	5230	-4.52	≤11.00	PASS
11AC80SISO	Ant1	5210	-7.23	≤11.00	PASS

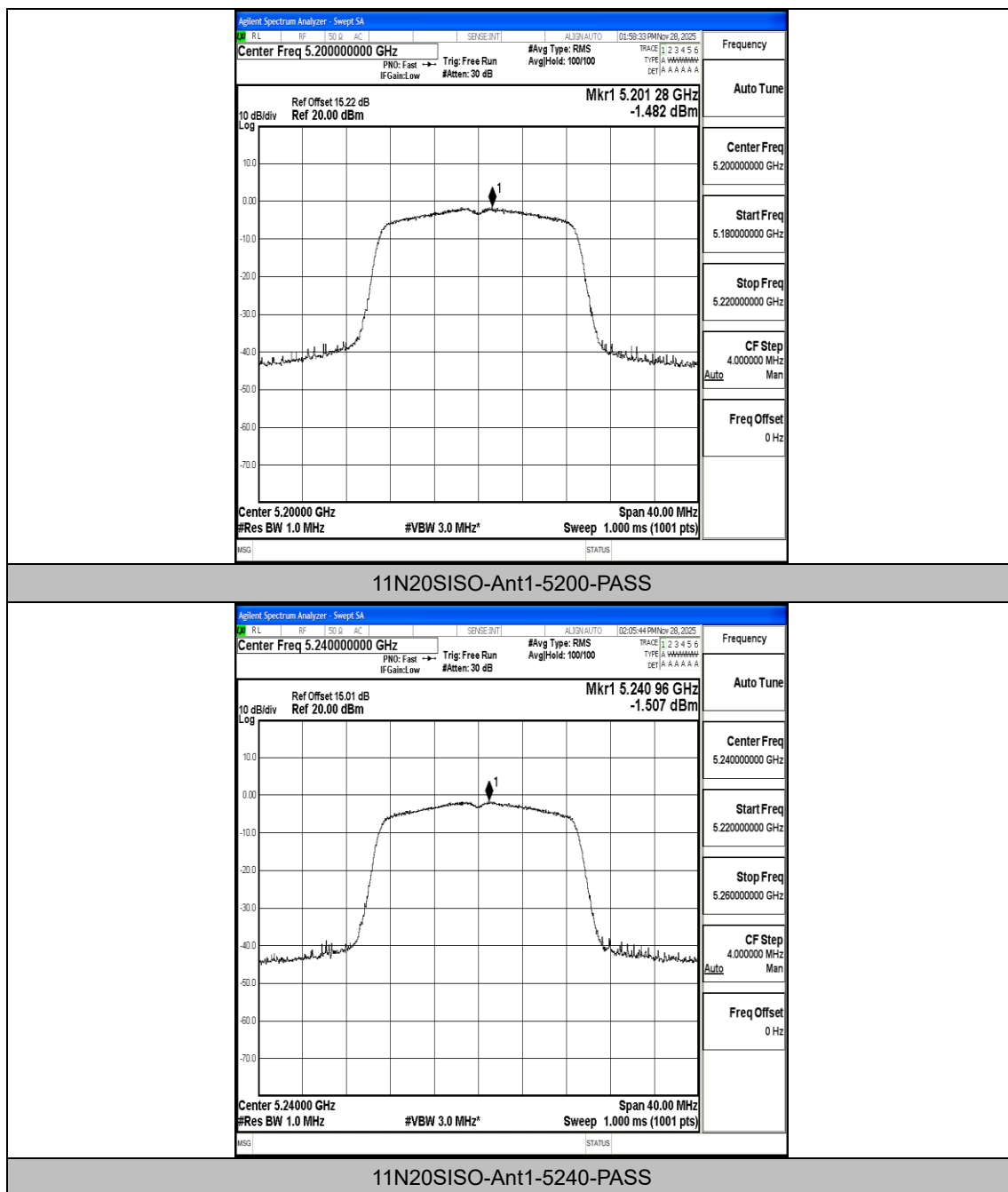
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

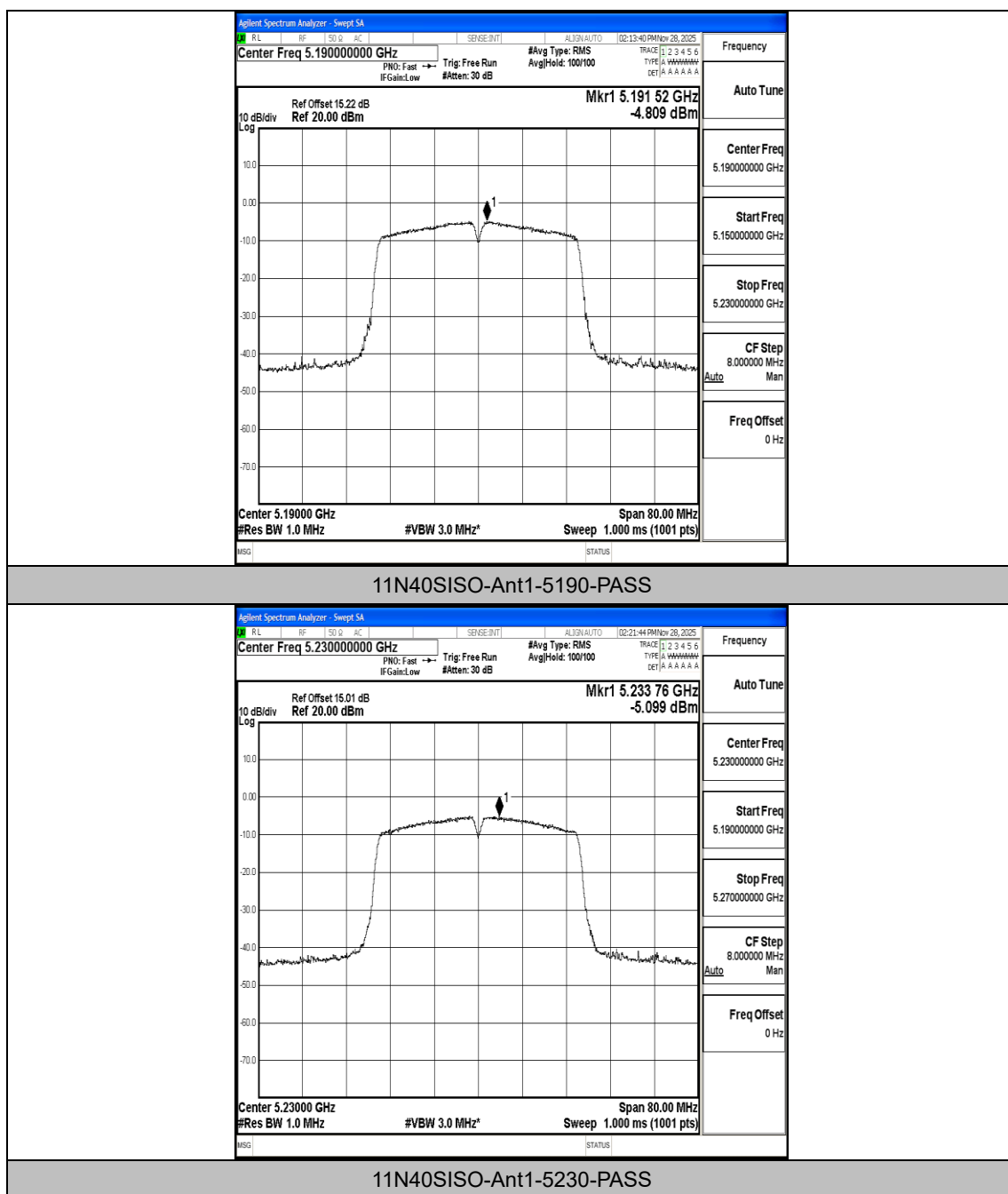
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

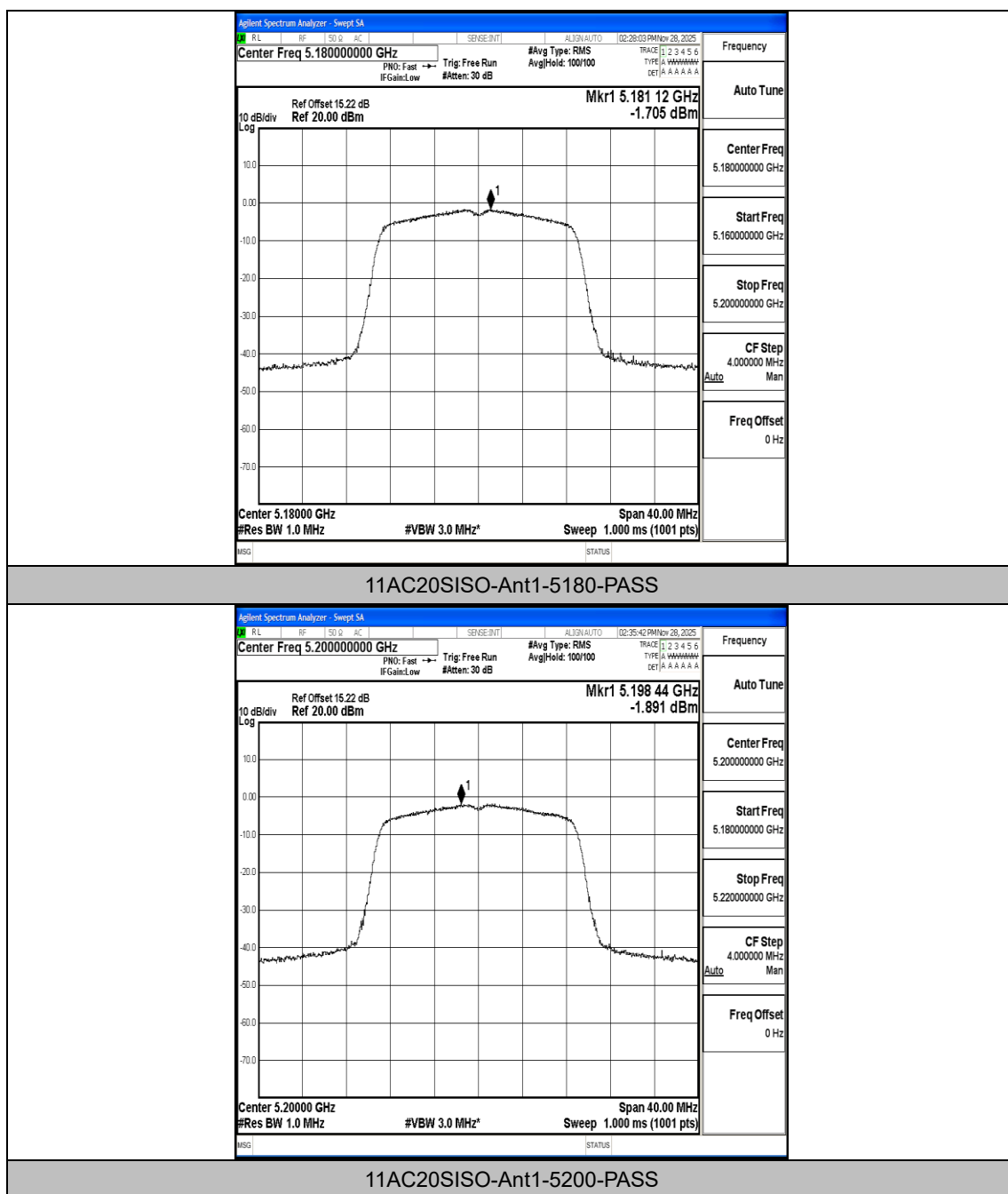
Test Graphs

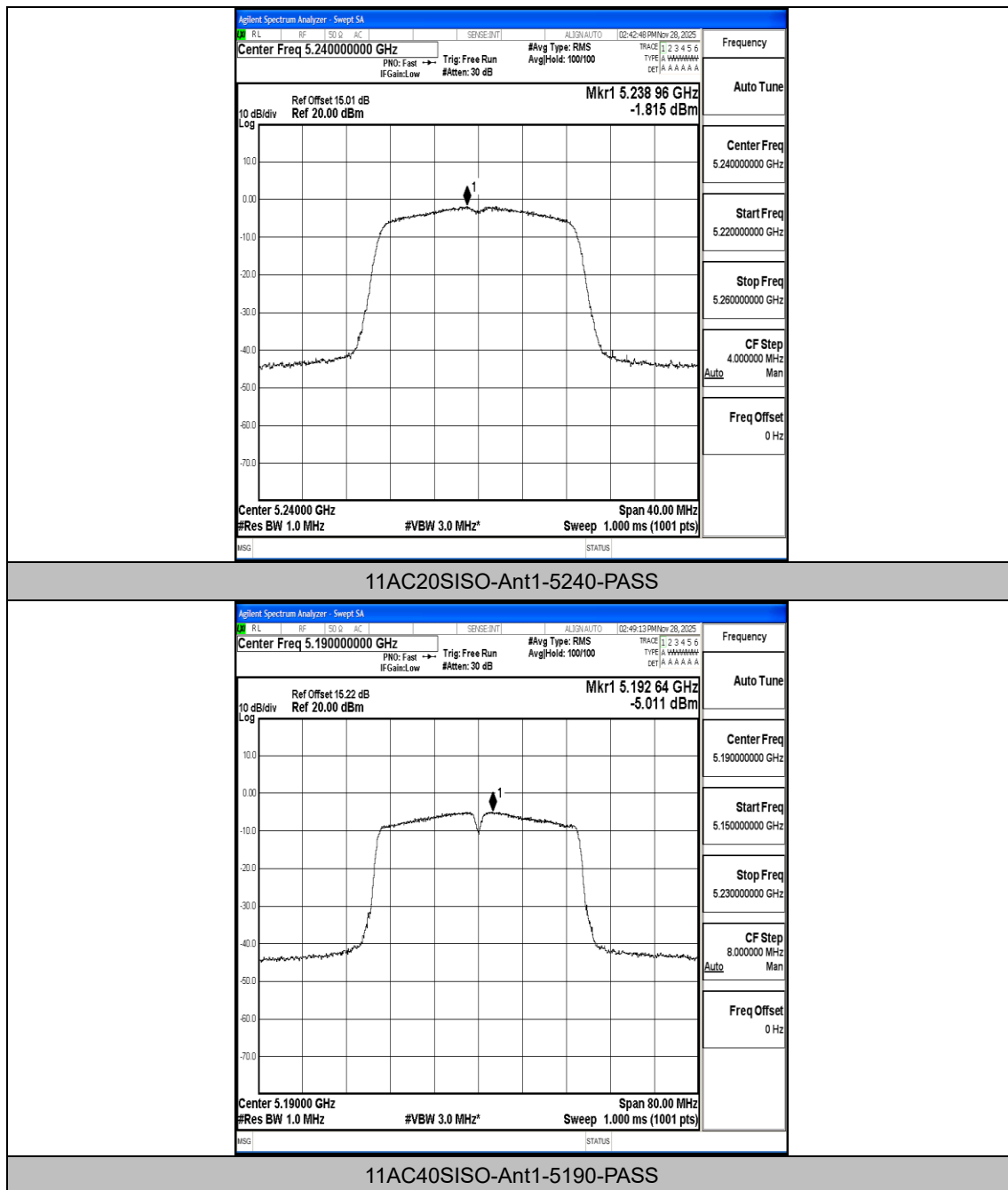


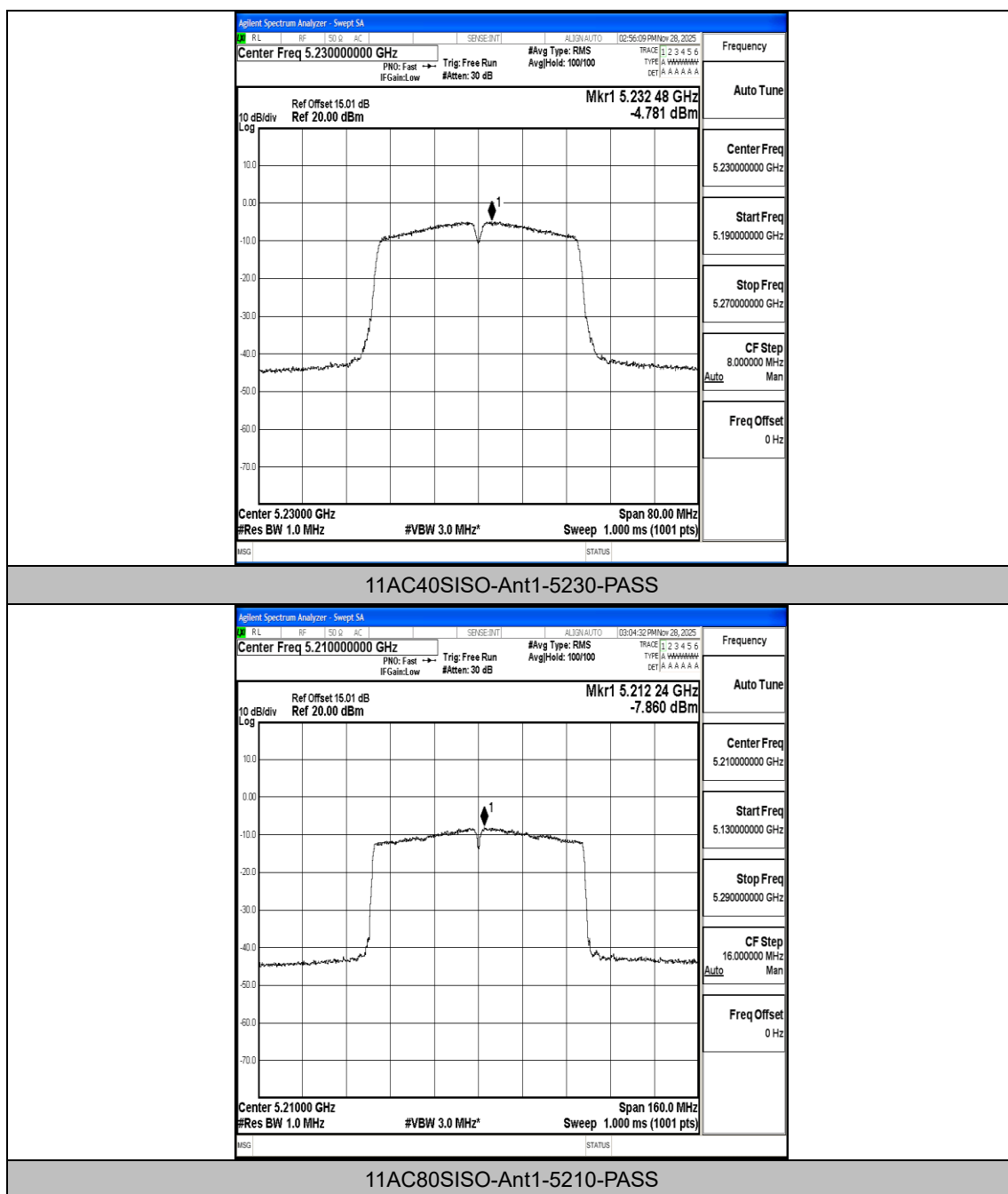












D.4 Emissions in Restricted Bands

Test Result

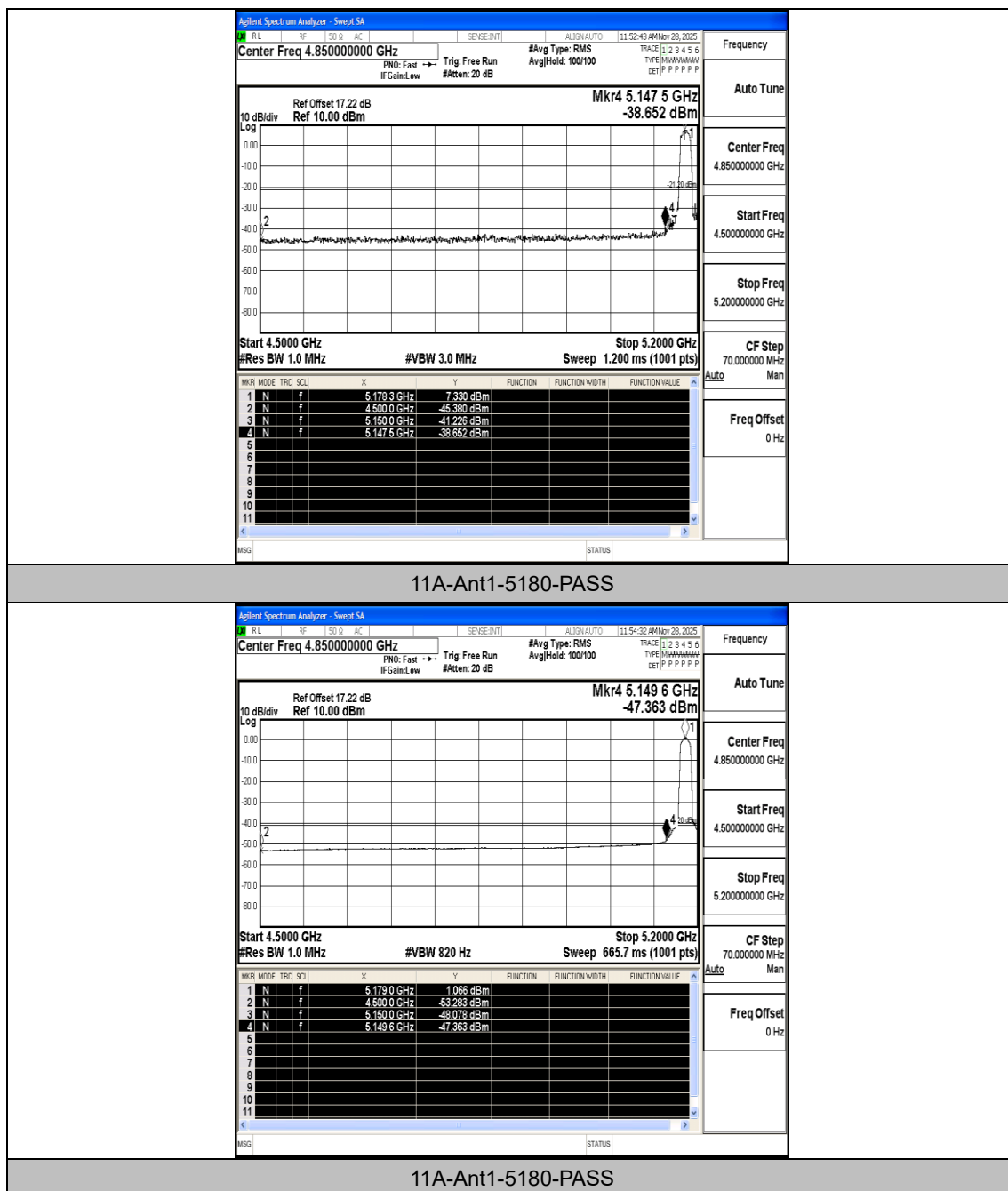
TestMode	Antenna	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant1	Low	5180	Peak	4500.000	-45.38	≤-21.20	49.82	≤74	PASS
11A	Ant1	Low	5180	Peak	5150.000	-41.23	≤-21.20	53.97	≤74	PASS
11A	Ant1	Low	5180	Peak	5147.500	-38.65	≤-21.20	56.55	≤74	PASS
11A	Ant1	Low	5180	AV	4500.000	-53.28	≤-41.20	41.92	≤54	PASS
11A	Ant1	Low	5180	AV	5150.000	-48.08	≤-41.20	47.12	≤54	PASS
11A	Ant1	Low	5180	AV	5149.600	-47.36	≤-41.20	47.84	≤54	PASS
11A	Ant1	High	5240	Peak	5350.000	-45.06	≤-21.20	50.14	≤74	PASS
11A	Ant1	High	5240	Peak	5460.000	-46.01	≤-21.20	49.19	≤74	PASS
11A	Ant1	High	5240	Peak	5372.160	-42.54	≤-21.20	52.66	≤74	PASS
11A	Ant1	High	5240	AV	5350.000	-51.74	≤-41.20	43.46	≤54	PASS
11A	Ant1	High	5240	AV	5460.000	-52.2	≤-41.20	43.00	≤54	PASS
11A	Ant1	High	5240	AV	5350.800	-51.56	≤-41.20	43.64	≤54	PASS
11N20SISO	Ant1	Low	5180	Peak	4500.000	-44.66	≤-21.20	50.54	≤74	PASS
11N20SISO	Ant1	Low	5180	Peak	5150.000	-37.74	≤-21.20	57.46	≤74	PASS
11N20SISO	Ant1	Low	5180	Peak	5148.200	-37	≤-21.20	58.20	≤74	PASS
11N20SISO	Ant1	Low	5180	AV	4500.000	-52.76	≤-41.20	42.44	≤54	PASS
11N20SISO	Ant1	Low	5180	AV	5150.000	-47.74	≤-41.20	47.46	≤54	PASS
11N20SISO	Ant1	Low	5180	AV	5149.600	-47.9	≤-41.20	47.30	≤54	PASS
11N20SISO	Ant1	High	5240	Peak	5350.000	-45.19	≤-21.20	50.01	≤74	PASS
11N20SISO	Ant1	High	5240	Peak	5460.000	-44.45	≤-21.20	50.75	≤74	PASS
11N20SISO	Ant1	High	5240	Peak	5370.000	-42.59	≤-21.20	52.61	≤74	PASS
11N20SISO	Ant1	High	5240	AV	5350.000	-51.82	≤-41.20	43.38	≤54	PASS
11N20SISO	Ant1	High	5240	AV	5460.000	-52.64	≤-41.20	42.56	≤54	PASS
11N20SISO	Ant1	High	5240	AV	5352.960	-51.72	≤-41.20	43.48	≤54	PASS
11N40SISO	Ant1	Low	5190	Peak	4500.000	-46.31	≤-21.20	48.89	≤74	PASS
11N40SISO	Ant1	Low	5190	Peak	5150.000	-27.75	≤-21.20	67.45	≤74	PASS
11N40SISO	Ant1	Low	5190	Peak	5146.800	-32.73	≤-21.20	62.47	≤74	PASS
11N40SISO	Ant1	Low	5190	AV	4500.000	-52.82	≤-41.20	42.38	≤54	PASS
11N40SISO	Ant1	Low	5190	AV	5150.000	-44.13	≤-41.20	51.07	≤54	PASS
11N40SISO	Ant1	Low	5190	AV	5149.600	-44.92	≤-41.20	50.28	≤54	PASS
11N40SISO	Ant1	High	5230	Peak	5350.000	-45.92	≤-21.20	49.28	≤74	PASS
11N40SISO	Ant1	High	5230	Peak	5460.000	-44.59	≤-21.20	50.61	≤74	PASS
11N40SISO	Ant1	High	5230	Peak	5411.640	-43.06	≤-21.20	52.14	≤74	PASS
11N40SISO	Ant1	High	5230	AV	5350.000	-51.54	≤-41.20	43.66	≤54	PASS
11N40SISO	Ant1	High	5230	AV	5460.000	-52.51	≤-41.20	42.69	≤54	PASS

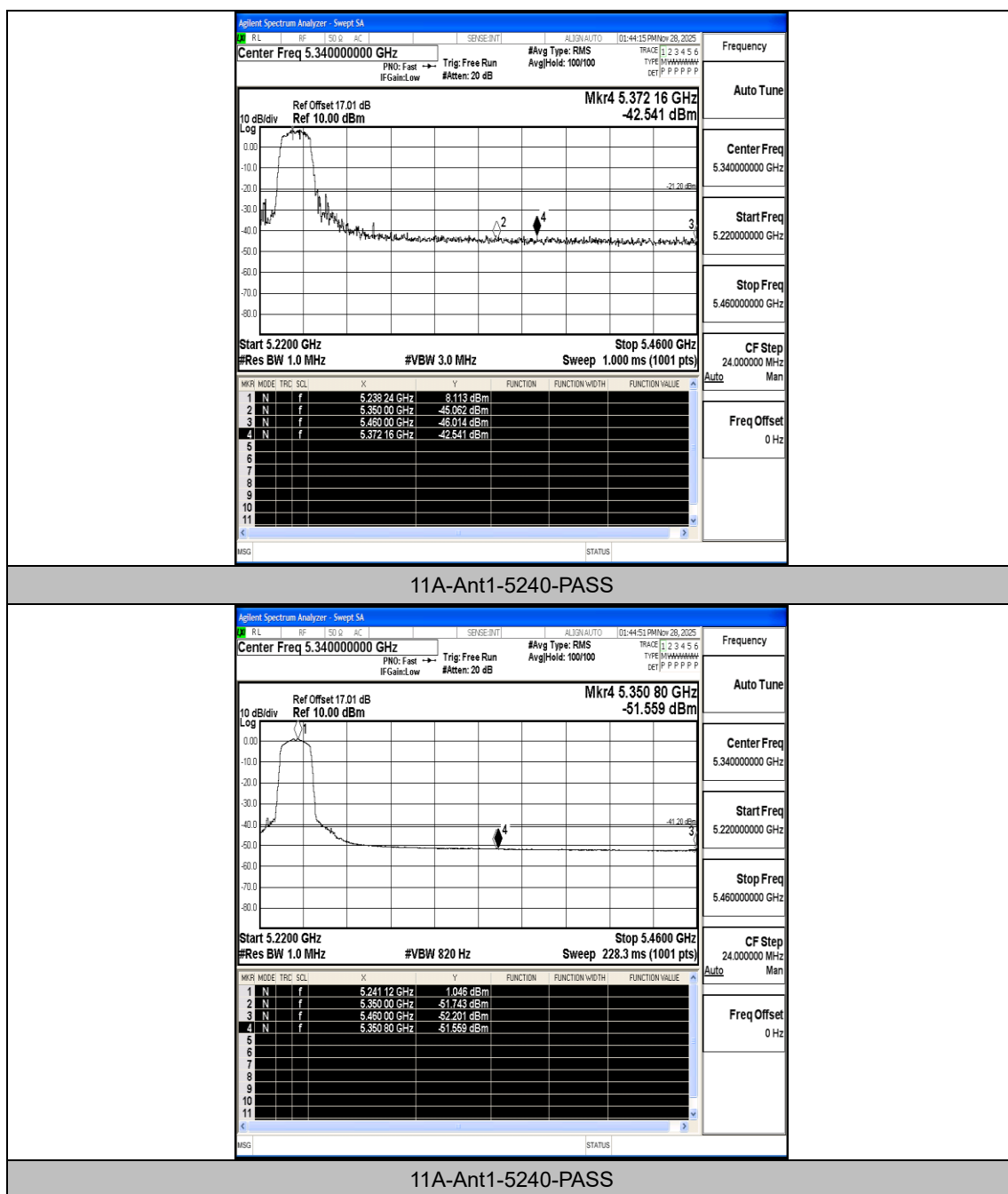
11N40SISO	Ant1	High	5230	AV	5352.880	-51.36	≤-41.20	43.84	≤54	PASS
11AC20SISO	Ant1	Low	5180	Peak	4500.000	-46.15	≤-21.20	49.05	≤74	PASS
11AC20SISO	Ant1	Low	5180	Peak	5150.000	-39.88	≤-21.20	55.32	≤74	PASS
11AC20SISO	Ant1	Low	5180	Peak	5149.600	-39.92	≤-21.20	55.28	≤74	PASS
11AC20SISO	Ant1	Low	5180	AV	4500.000	-53.32	≤-41.20	41.88	≤54	PASS
11AC20SISO	Ant1	Low	5180	AV	5150.000	-47.71	≤-41.20	47.49	≤54	PASS
11AC20SISO	Ant1	Low	5180	AV	5149.600	-47.41	≤-41.20	47.79	≤54	PASS
11AC20SISO	Ant1	High	5240	Peak	5350.000	-44.22	≤-21.20	50.98	≤74	PASS
11AC20SISO	Ant1	High	5240	Peak	5460.000	-46.25	≤-21.20	48.95	≤74	PASS
11AC20SISO	Ant1	High	5240	Peak	5443.920	-42.63	≤-21.20	52.57	≤74	PASS
11AC20SISO	Ant1	High	5240	AV	5350.000	-51.93	≤-41.20	43.27	≤54	PASS
11AC20SISO	Ant1	High	5240	AV	5460.000	-52.62	≤-41.20	42.58	≤54	PASS
11AC20SISO	Ant1	High	5240	AV	5355.120	-51.63	≤-41.20	43.57	≤54	PASS
11AC40SISO	Ant1	Low	5190	Peak	4500.000	-46.81	≤-21.20	48.39	≤74	PASS
11AC40SISO	Ant1	Low	5190	Peak	5150.000	-36.76	≤-21.20	58.44	≤74	PASS
11AC40SISO	Ant1	Low	5190	Peak	5148.900	-34.5	≤-21.20	60.70	≤74	PASS
11AC40SISO	Ant1	Low	5190	AV	4500.000	-53.06	≤-41.20	42.14	≤54	PASS
11AC40SISO	Ant1	Low	5190	AV	5150.000	-45.84	≤-41.20	49.36	≤54	PASS
11AC40SISO	Ant1	Low	5190	AV	5148.200	-45.77	≤-41.20	49.43	≤54	PASS
11AC40SISO	Ant1	High	5230	Peak	5350.000	-44.48	≤-21.20	50.72	≤74	PASS
11AC40SISO	Ant1	High	5230	Peak	5460.000	-44.97	≤-21.20	50.23	≤74	PASS
11AC40SISO	Ant1	High	5230	Peak	5351.320	-42.12	≤-21.20	53.08	≤74	PASS
11AC40SISO	Ant1	High	5230	AV	5350.000	-51.73	≤-41.20	43.47	≤54	PASS
11AC40SISO	Ant1	High	5230	AV	5460.000	-52.46	≤-41.20	42.74	≤54	PASS
11AC40SISO	Ant1	High	5230	AV	5352.100	-51.33	≤-41.20	43.87	≤54	PASS
11AC80SISO	Ant1	Low	5210	Peak	4500.000	-45.86	≤-21.20	49.34	≤74	PASS
11AC80SISO	Ant1	Low	5210	Peak	5150.000	-34.23	≤-21.20	60.97	≤74	PASS
11AC80SISO	Ant1	Low	5210	Peak	5148.750	-33.13	≤-21.20	62.07	≤74	PASS
11AC80SISO	Ant1	High	5210	Peak	5350.000	-43.92	≤-21.20	51.28	≤74	PASS
11AC80SISO	Ant1	High	5210	Peak	5460.000	-45.83	≤-21.20	49.37	≤74	PASS
11AC80SISO	Ant1	High	5210	Peak	5429.200	-41.77	≤-21.20	53.43	≤74	PASS
11AC80SISO	Ant1	Low	5210	AV	4500.000	-52.93	≤-41.20	42.27	≤54	PASS
11AC80SISO	Ant1	Low	5210	AV	5150.000	-44.05	≤-41.20	51.15	≤54	PASS
11AC80SISO	Ant1	Low	5210	AV	5148.000	-44.04	≤-41.20	51.16	≤54	PASS
11AC80SISO	Ant1	High	5210	AV	5350.000	-50.32	≤-41.20	44.88	≤54	PASS
11AC80SISO	Ant1	High	5210	AV	5460.000	-51.44	≤-41.20	43.76	≤54	PASS
11AC80SISO	Ant1	High	5210	AV	5351.640	-50.26	≤-41.20	44.94	≤54	PASS

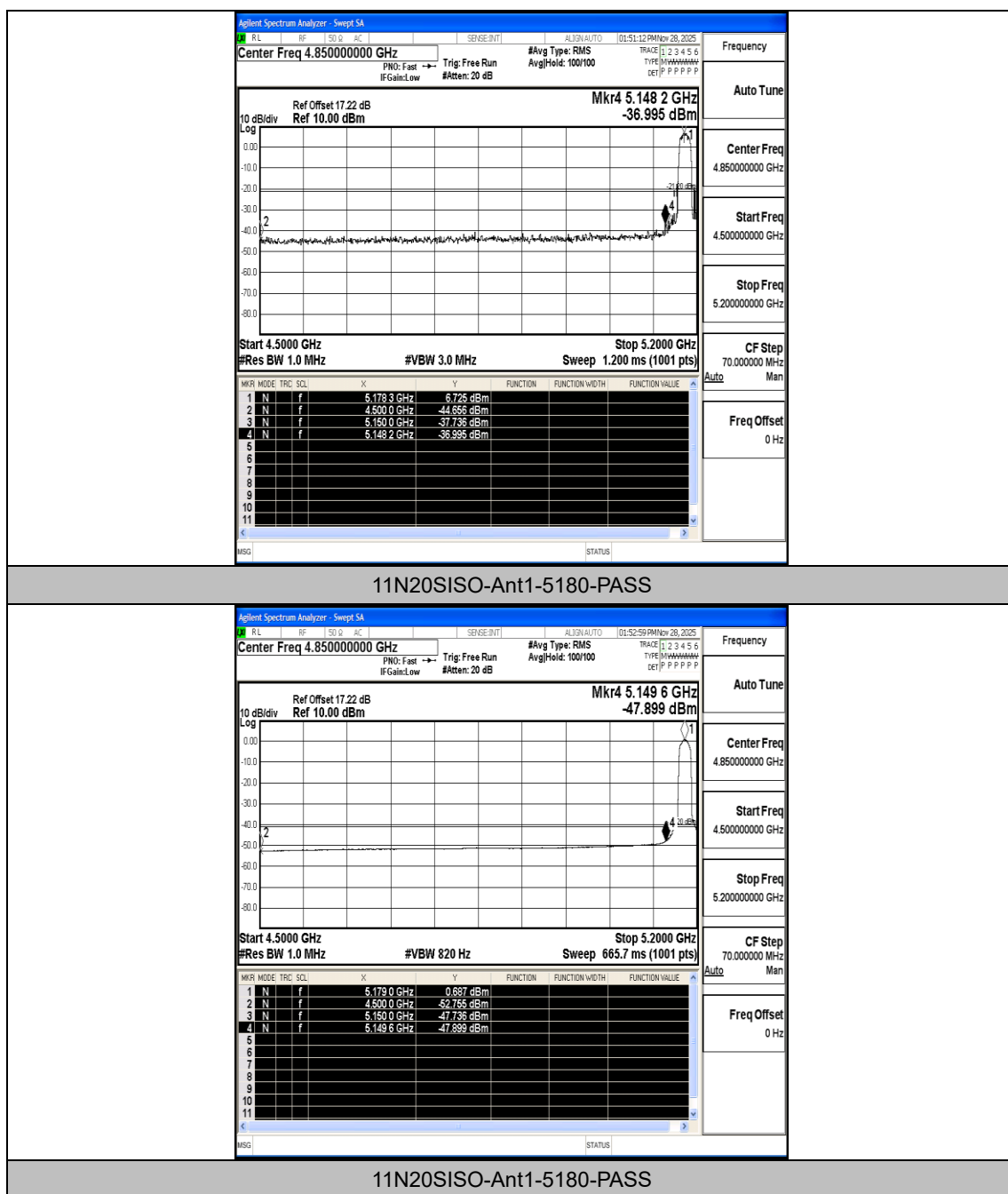
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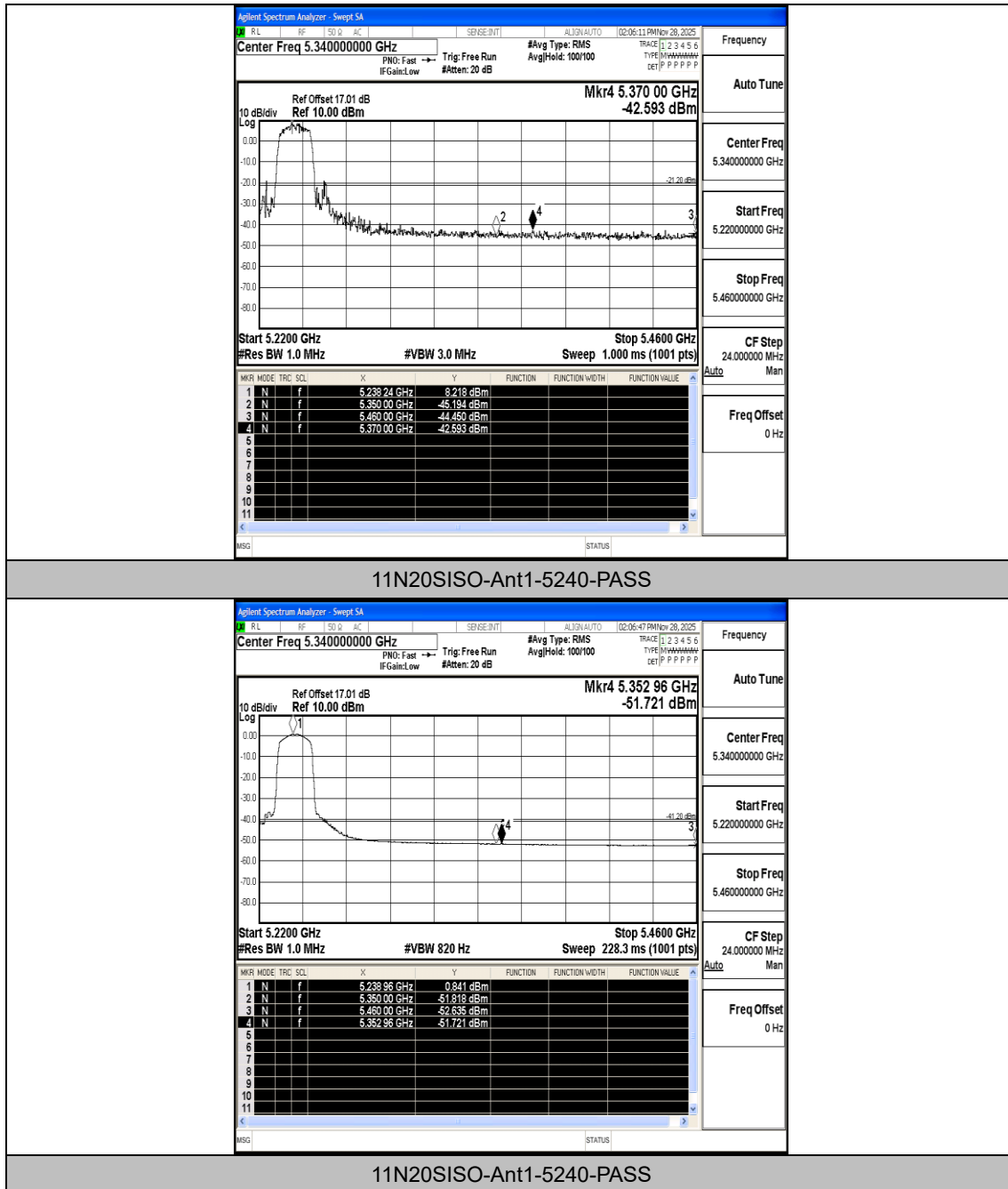
1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

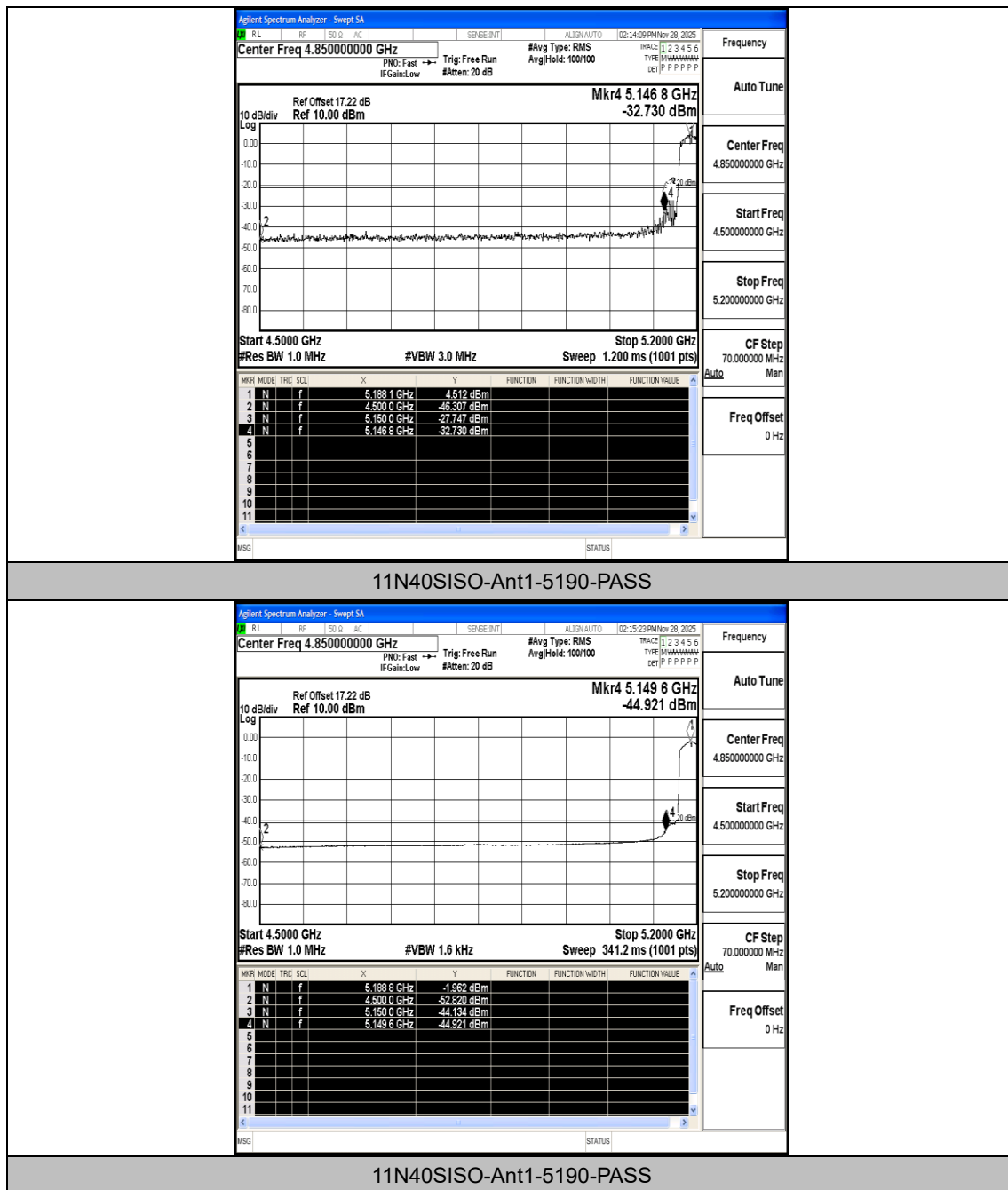
Test Graphs

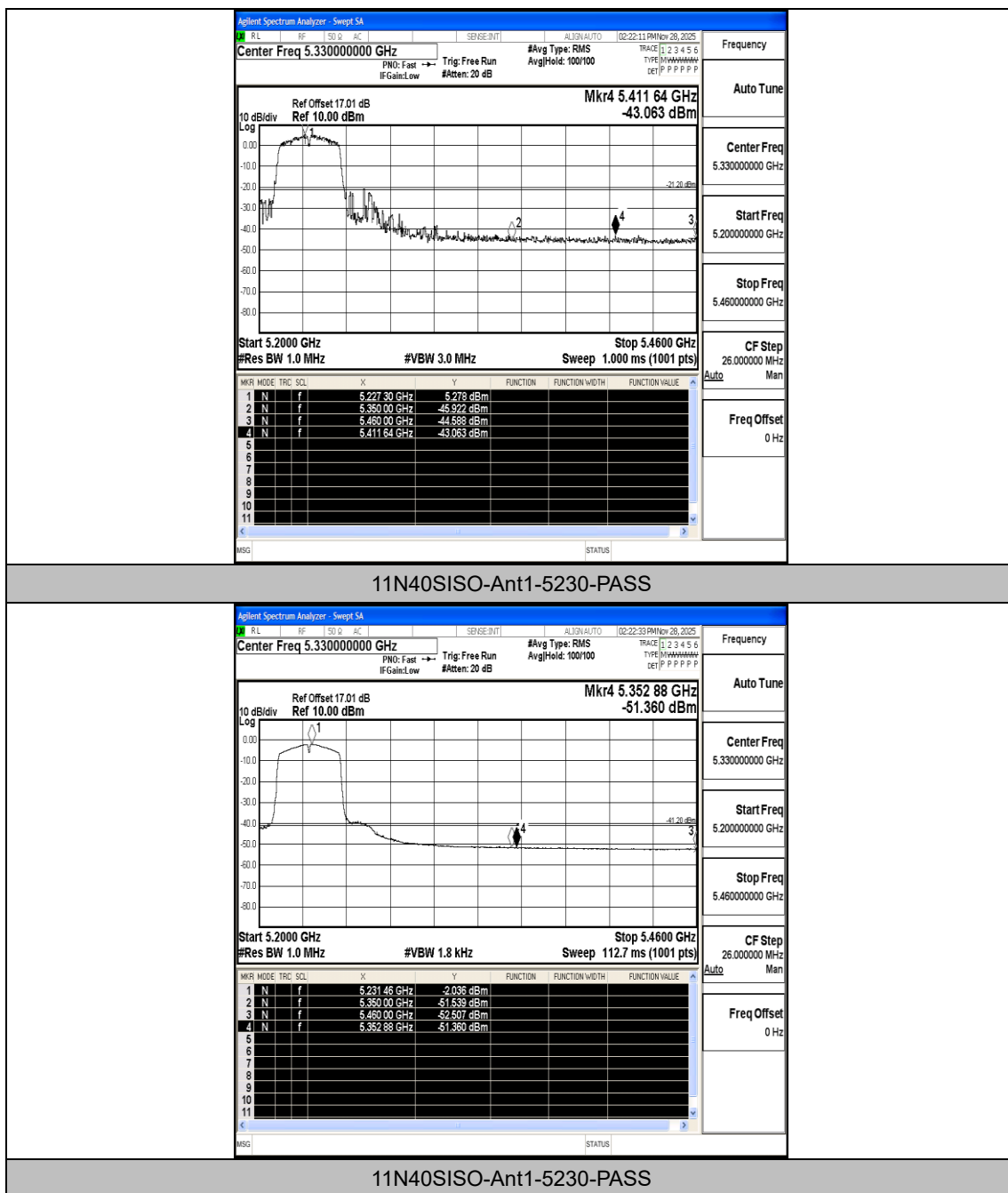


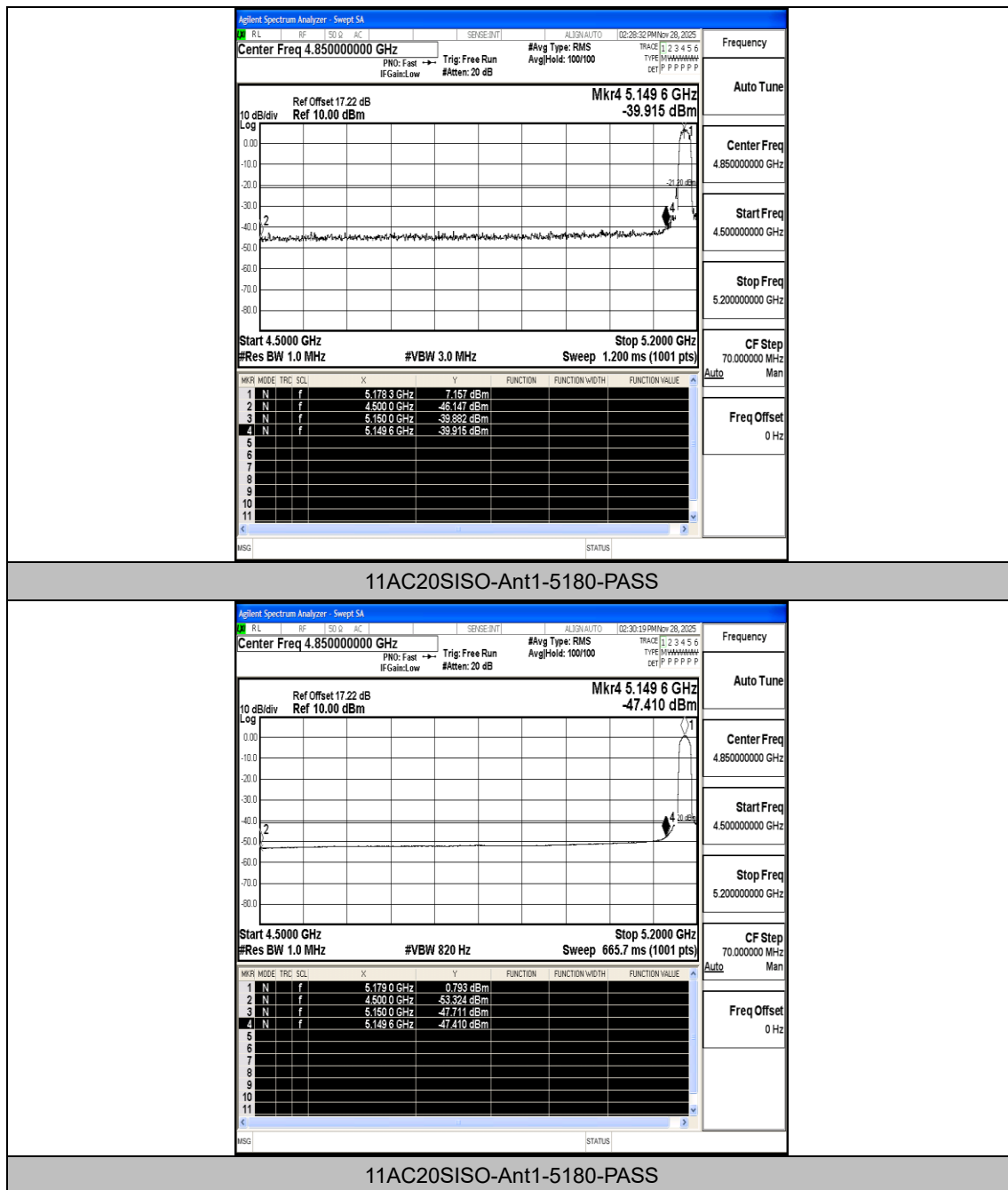


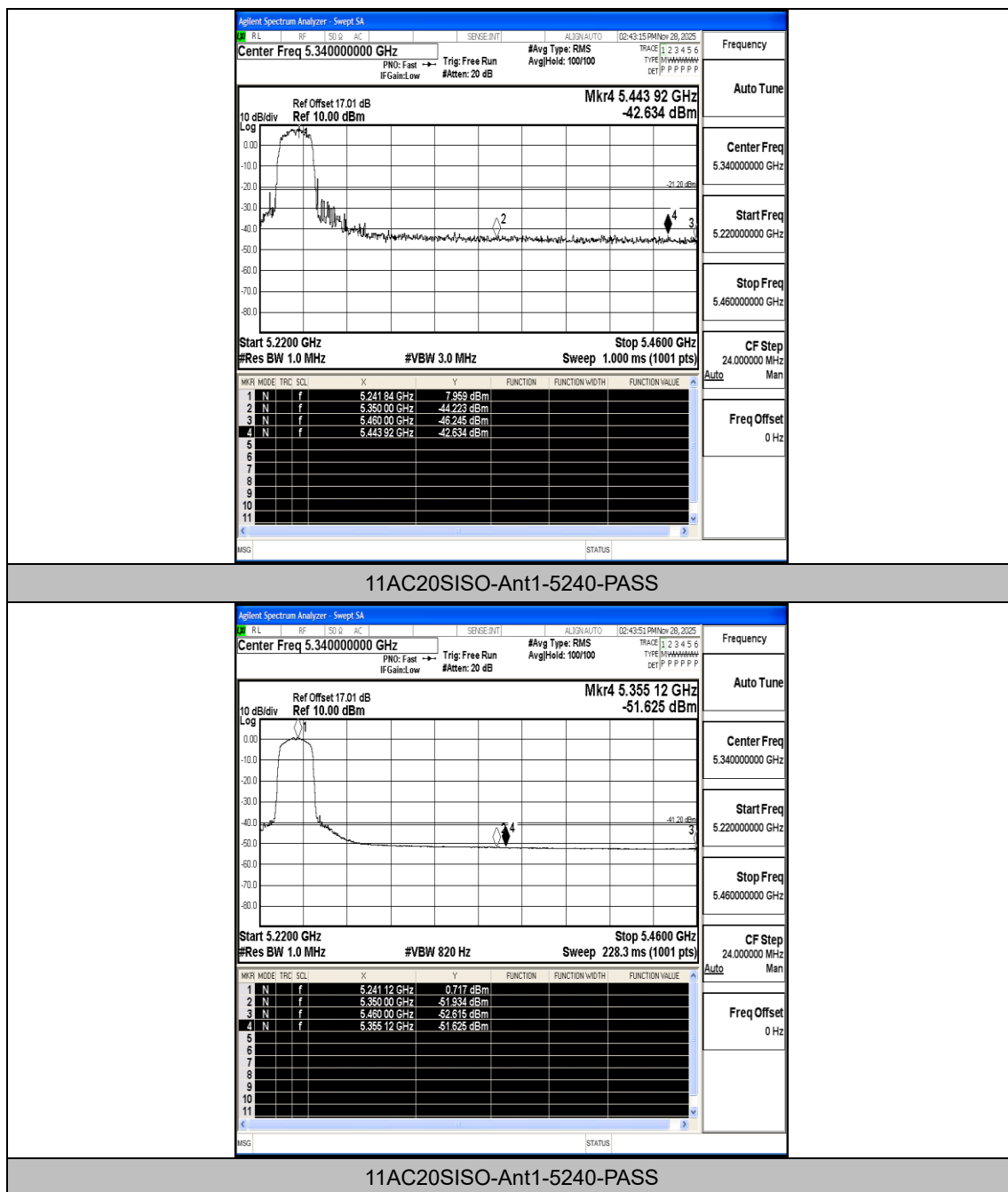








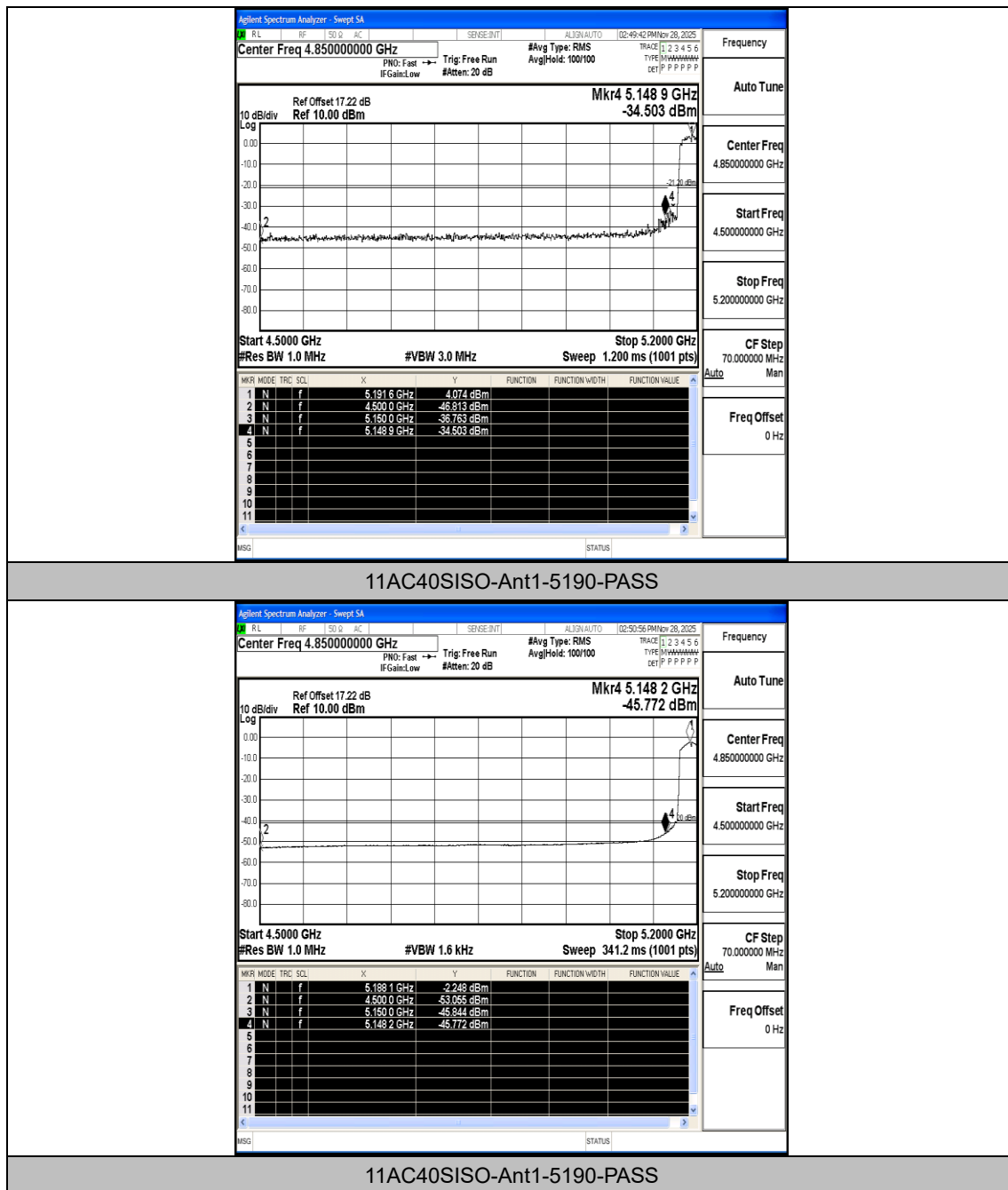


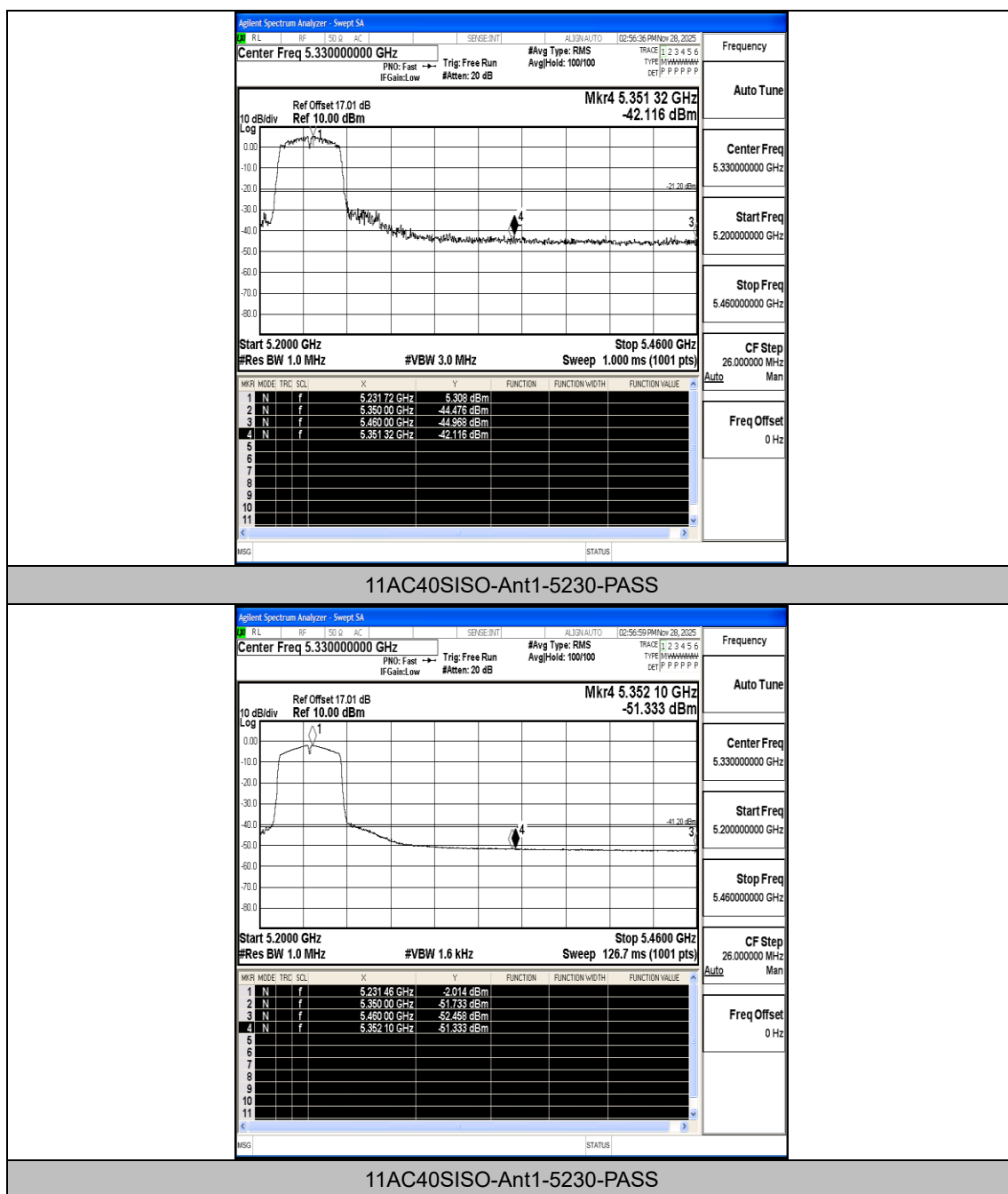


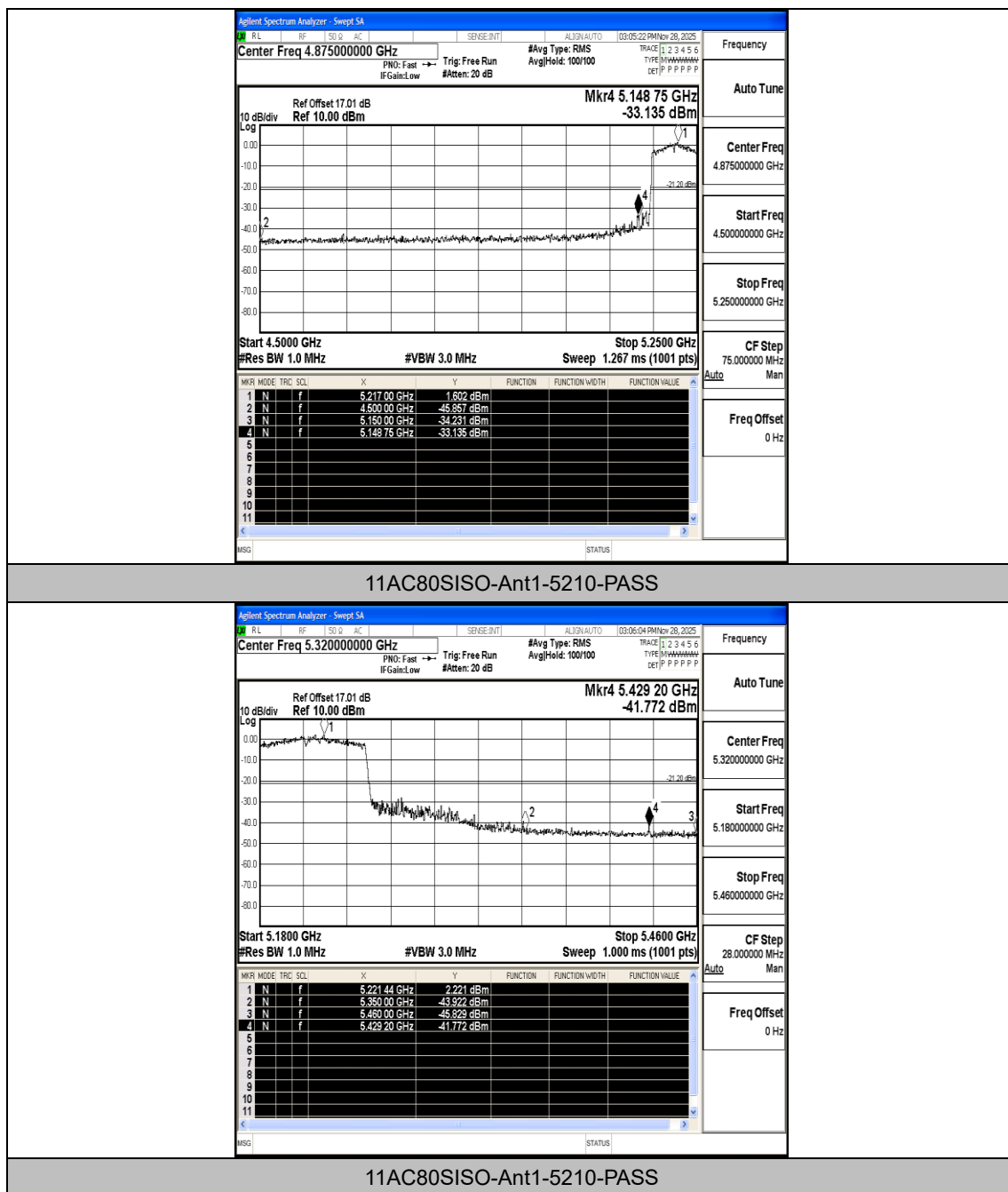
Guangzhou LCS Compliance Testing Laboratory Ltd.

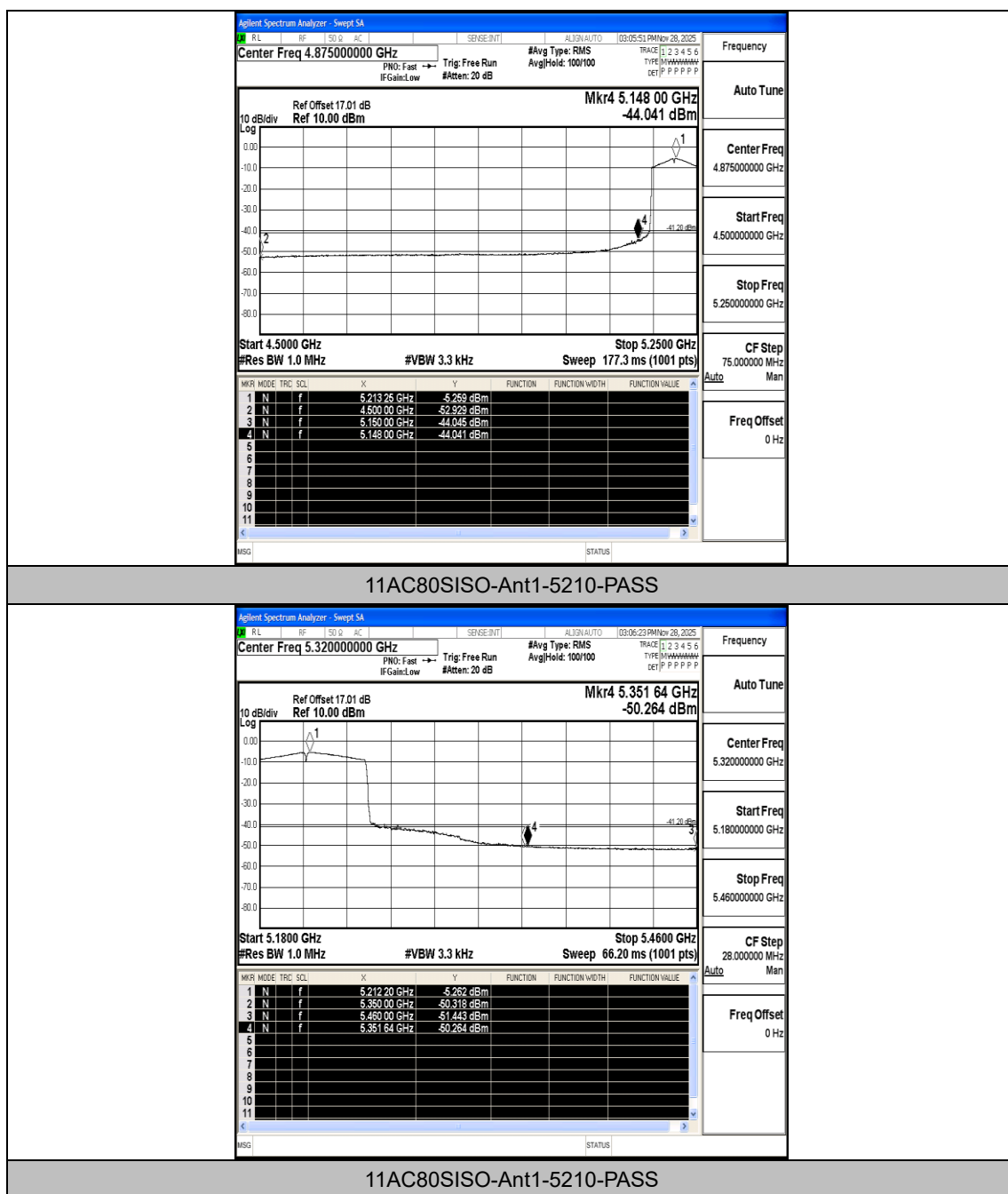
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com









D.5 Frequency Stability

Test Result

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	LV	NT	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11A	Ant1	5200	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5200	LV	NT	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	HV	NT	-20000.00	-3.846154	20	PASS
11A	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	LV	NT	0.00	0.000000	20	PASS
11A	Ant1	5240	HV	NT	-40000.00	-7.633588	20	PASS
11N20SISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	LV	NT	20000.00	3.861004	20	PASS
11N20SISO	Ant1	5180	HV	NT	-40000.00	-7.722008	20	PASS
11N20SISO	Ant1	5200	NV	NT	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	LV	NT	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	HV	NT	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5240	NV	NT	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	LV	NT	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	NT	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	LV	NT	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	NT	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	LV	NT	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	HV	NT	-40000.00	-7.648184	20	PASS
11AC20SISO	Ant1	5180	NV	NT	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	LV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	HV	NT	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5200	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5200	LV	NT	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	HV	NT	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5240	NV	NT	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5240	LV	NT	-20000.00	-3.816794	20	PASS
11AC20SISO	Ant1	5240	HV	NT	-20000.00	-3.816794	20	PASS
11AC40SISO	Ant1	5190	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	LV	NT	0.00	0.000000	20	PASS

11AC40SISO	Ant1	5190	HV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	NT	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	LV	NT	-40000.00	-7.648184	20	PASS
11AC40SISO	Ant1	5230	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	NT	-80000.00	-15.355086	20	PASS
11AC80SISO	Ant1	5210	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	HV	NT	-80000.00	-15.355086	20	PASS

TestMode	Antenna	Frequen cy[MHz]	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	-20	-40000.00	-7.722008	20	PASS
11A	Ant1	5180	NV	-10	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	0	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5180	NV	20	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	30	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11A	Ant1	5180	NV	50	-40000.00	-7.722008	20	PASS
11A	Ant1	5200	NV	-30	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	-20	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	-10	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	0	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	10	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	20	-40000.00	-7.692308	20	PASS
11A	Ant1	5200	NV	30	-20000.00	-3.846154	20	PASS
11A	Ant1	5200	NV	40	0.00	0.000000	20	PASS
11A	Ant1	5200	NV	50	-20000.00	-3.846154	20	PASS
11A	Ant1	5240	NV	-30	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	-20	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	-10	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	10	-40000.00	-7.633588	20	PASS
11A	Ant1	5240	NV	20	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	30	0.00	0.000000	20	PASS
11A	Ant1	5240	NV	40	-20000.00	-3.816794	20	PASS
11A	Ant1	5240	NV	50	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5180	NV	-30	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	-20	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	-10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	NV	0	0.00	0.000000	20	PASS

11N20SISO	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	NV	20	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	30	0.00	0.000000	20	PASS
11N20SISO	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11N20SISO	Ant1	5200	NV	-30	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	NV	-20	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	-10	-40000.00	-7.692308	20	PASS
11N20SISO	Ant1	5200	NV	0	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5200	NV	10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	20	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	30	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	40	0.00	0.000000	20	PASS
11N20SISO	Ant1	5200	NV	50	-20000.00	-3.846154	20	PASS
11N20SISO	Ant1	5240	NV	-30	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	-20	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	-10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	0	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	10	0.00	0.000000	20	PASS
11N20SISO	Ant1	5240	NV	20	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	30	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	40	-20000.00	-3.816794	20	PASS
11N20SISO	Ant1	5240	NV	50	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	-30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	-20	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11N40SISO	Ant1	5190	NV	0	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	10	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	40	0.00	0.000000	20	PASS
11N40SISO	Ant1	5190	NV	50	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	-30	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	NV	-20	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	NV	-10	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	NV	0	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	10	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	20	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	30	0.00	0.000000	20	PASS
11N40SISO	Ant1	5230	NV	40	-40000.00	-7.648184	20	PASS
11N40SISO	Ant1	5230	NV	50	0.00	0.000000	20	PASS

11AC20SISO	Ant1	5180	NV	-30	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	NV	-20	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	NV	-10	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	NV	0	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	NV	10	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	NV	20	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5180	NV	30	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	NV	40	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5180	NV	50	-20000.00	-3.861004	20	PASS
11AC20SISO	Ant1	5200	NV	-30	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	-20	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	-10	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5200	NV	0	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	10	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	20	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	30	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5200	NV	40	-20000.00	-3.846154	20	PASS
11AC20SISO	Ant1	5200	NV	50	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5240	NV	-30	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5240	NV	-20	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5240	NV	-10	20000.00	3.816794	20	PASS
11AC20SISO	Ant1	5240	NV	0	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5240	NV	10	-20000.00	-3.816794	20	PASS
11AC20SISO	Ant1	5240	NV	20	-20000.00	-3.816794	20	PASS
11AC20SISO	Ant1	5240	NV	30	0.00	0.000000	20	PASS
11AC20SISO	Ant1	5240	NV	40	20000.00	3.816794	20	PASS
11AC20SISO	Ant1	5240	NV	50	-20000.00	-3.816794	20	PASS
11AC40SISO	Ant1	5190	NV	-30	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5190	NV	-20	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	-10	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5190	NV	0	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	10	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	20	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	30	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5190	NV	40	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5190	NV	50	-40000.00	-7.707129	20	PASS
11AC40SISO	Ant1	5230	NV	-30	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	-20	-40000.00	-7.648184	20	PASS
11AC40SISO	Ant1	5230	NV	-10	-40000.00	-7.648184	20	PASS
11AC40SISO	Ant1	5230	NV	0	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	10	0.00	0.000000	20	PASS

11AC40SISO	Ant1	5230	NV	20	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	30	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	40	0.00	0.000000	20	PASS
11AC40SISO	Ant1	5230	NV	50	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	-30	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	-20	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	-10	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	0	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	10	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	20	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	30	-80000.00	-15.355086	20	PASS
11AC80SISO	Ant1	5210	NV	40	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5210	NV	50	0.00	0.000000	20	PASS

D.6 Duty Cycle

Test Result

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Dc Factor [%]	1/T
11A	Ant1	5180	1.39	1.44	96.53	0.15	0.72
11A	Ant1	5200	1.39	1.44	96.53	0.15	0.72
11A	Ant1	5240	1.39	1.44	96.53	0.15	0.72
11N20SISO	Ant1	5180	1.30	1.35	96.30	0.16	0.77
11N20SISO	Ant1	5200	1.30	1.35	96.30	0.16	0.77
11N20SISO	Ant1	5240	1.30	1.35	96.30	0.16	0.77
11N40SISO	Ant1	5190	0.65	0.69	94.20	0.26	1.54
11N40SISO	Ant1	5230	0.64	0.69	92.75	0.33	1.56
11AC20SISO	Ant1	5180	1.31	1.36	96.32	0.16	0.76
11AC20SISO	Ant1	5200	1.30	1.35	96.30	0.16	0.77
11AC20SISO	Ant1	5240	1.31	1.36	96.32	0.16	0.76
11AC40SISO	Ant1	5190	0.65	0.69	94.20	0.26	1.54
11AC40SISO	Ant1	5230	0.65	0.69	94.20	0.26	1.54
11AC80SISO	Ant1	5210	0.32	0.37	86.49	0.63	3.13

Test Graphs

