

FCC Appendix RF Test Data for 5.8GWIFI

Product Name: W6C Tablet

Test Model: W6C

Environmental Conditions

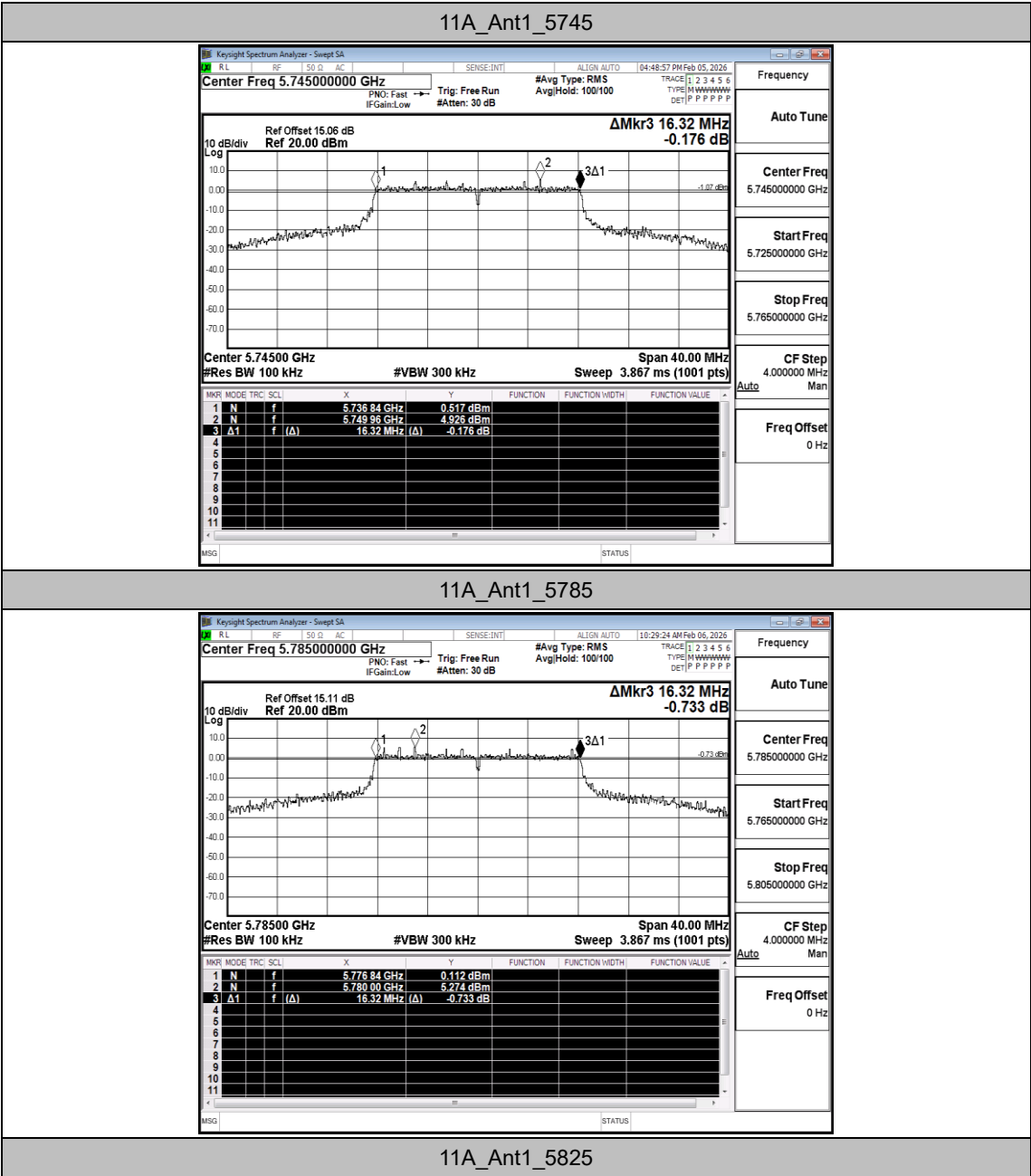
Temperature:	24.1°C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Zoey Cao
Supervised by:	Eric Wang

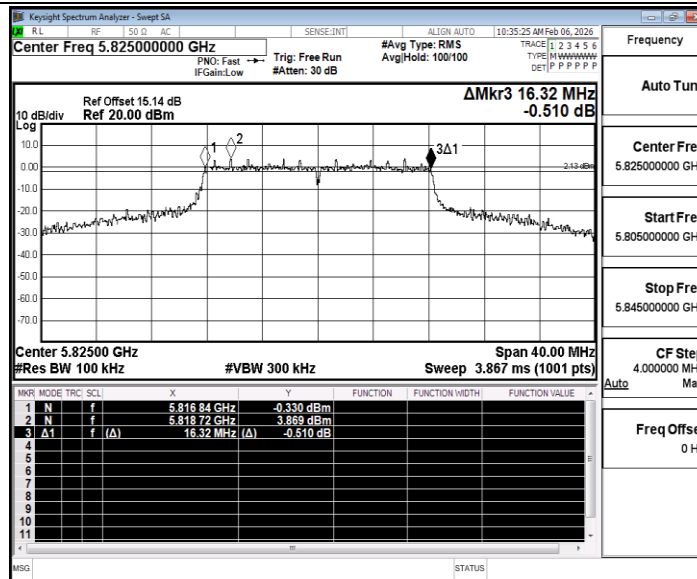
1 Min emission bandwidth

Test Result B4

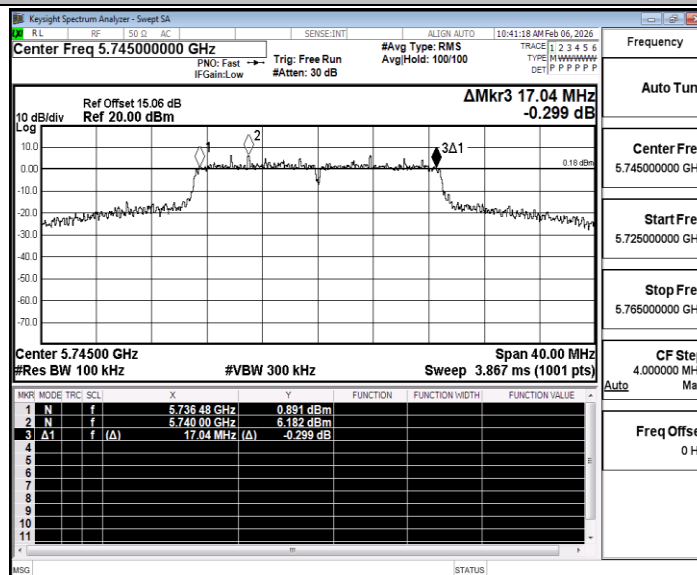
TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.040	5736.480	5753.520	0.5	PASS
		5785	16.920	5776.480	5793.400	0.5	PASS
		5825	17.000	5816.400	5833.400	0.5	PASS
11N40SISO	Ant1	5755	35.520	5737.080	5772.600	0.5	PASS
		5795	35.360	5777.240	5812.600	0.5	PASS
11AC20SISO	Ant1	5745	16.960	5736.440	5753.400	0.5	PASS
		5785	17.080	5776.480	5793.560	0.5	PASS
		5825	16.920	5816.480	5833.400	0.5	PASS
11AC40SISO	Ant1	5755	35.360	5737.160	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

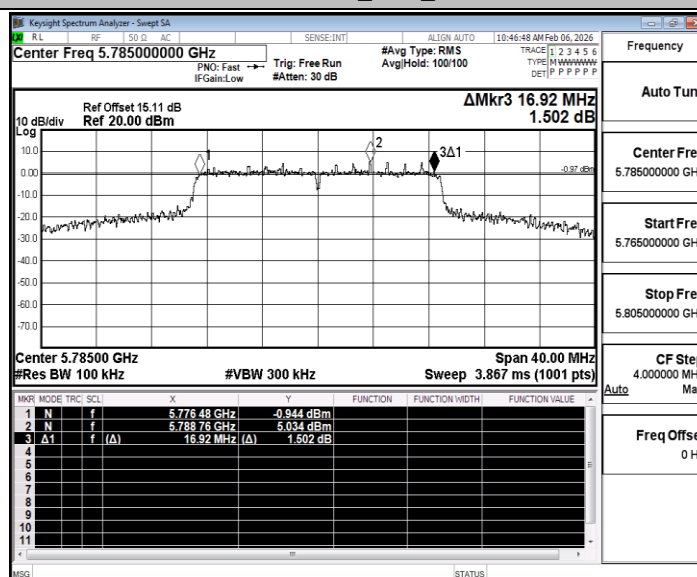


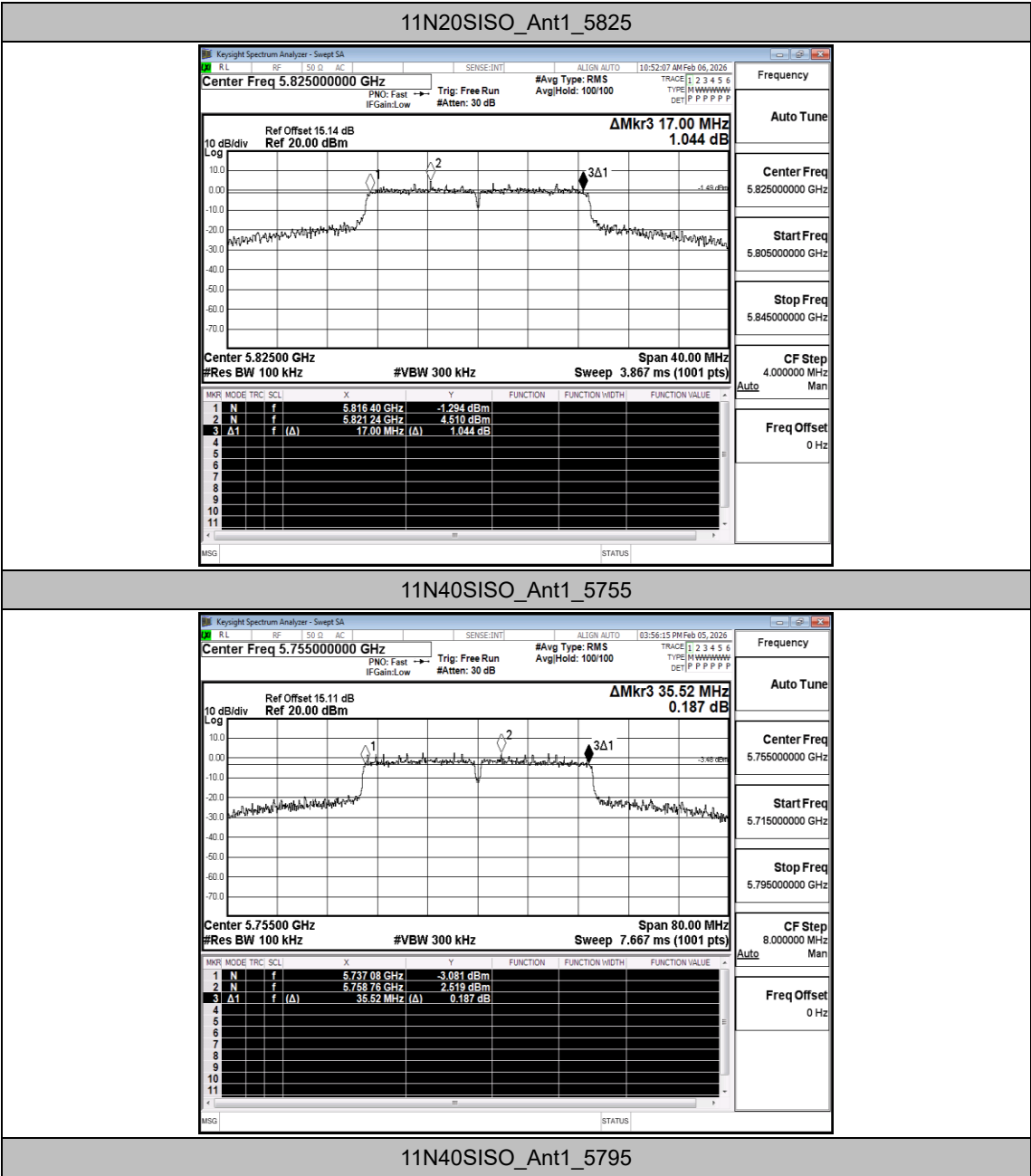


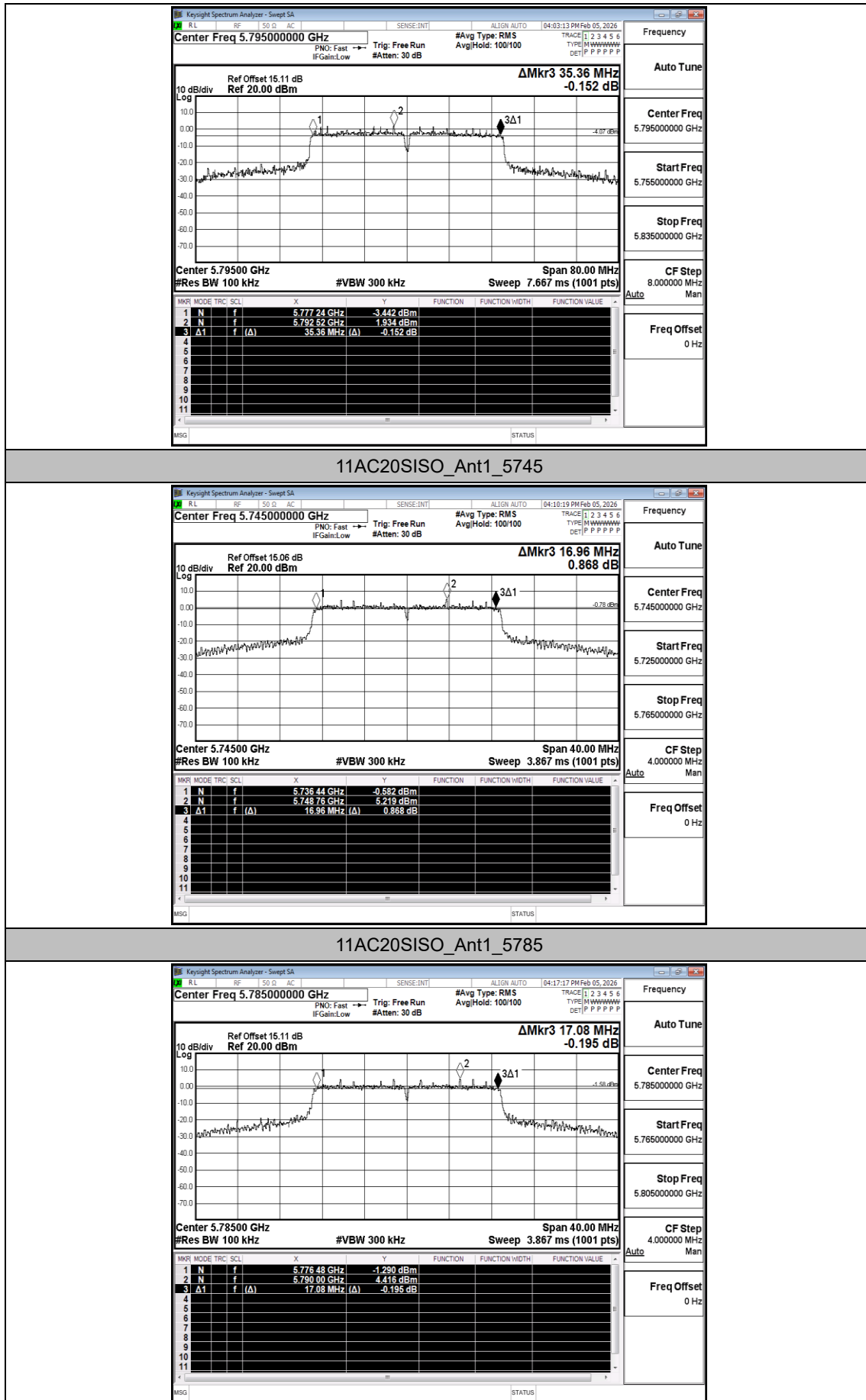
11N20SISO_Ant1_5745

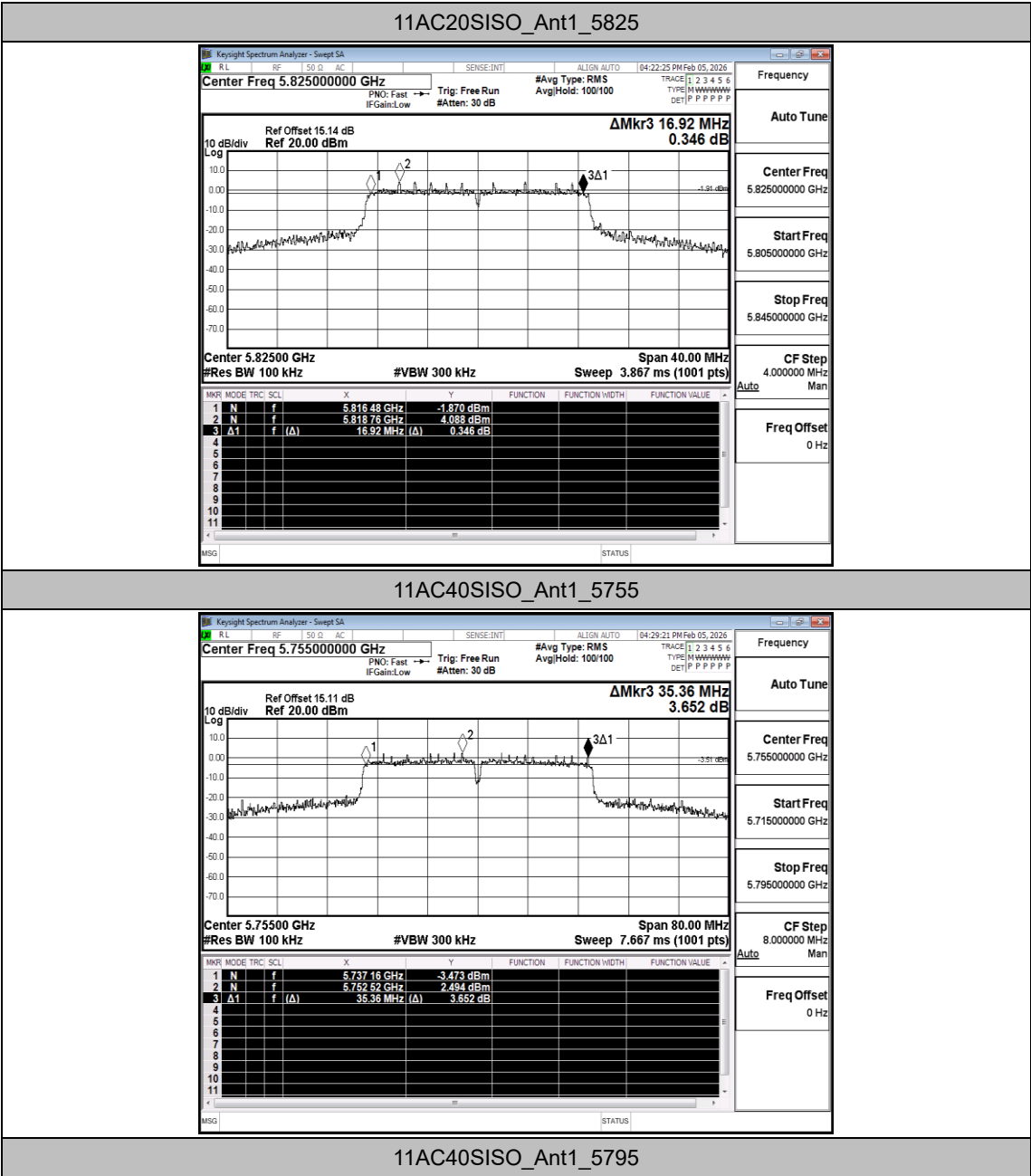


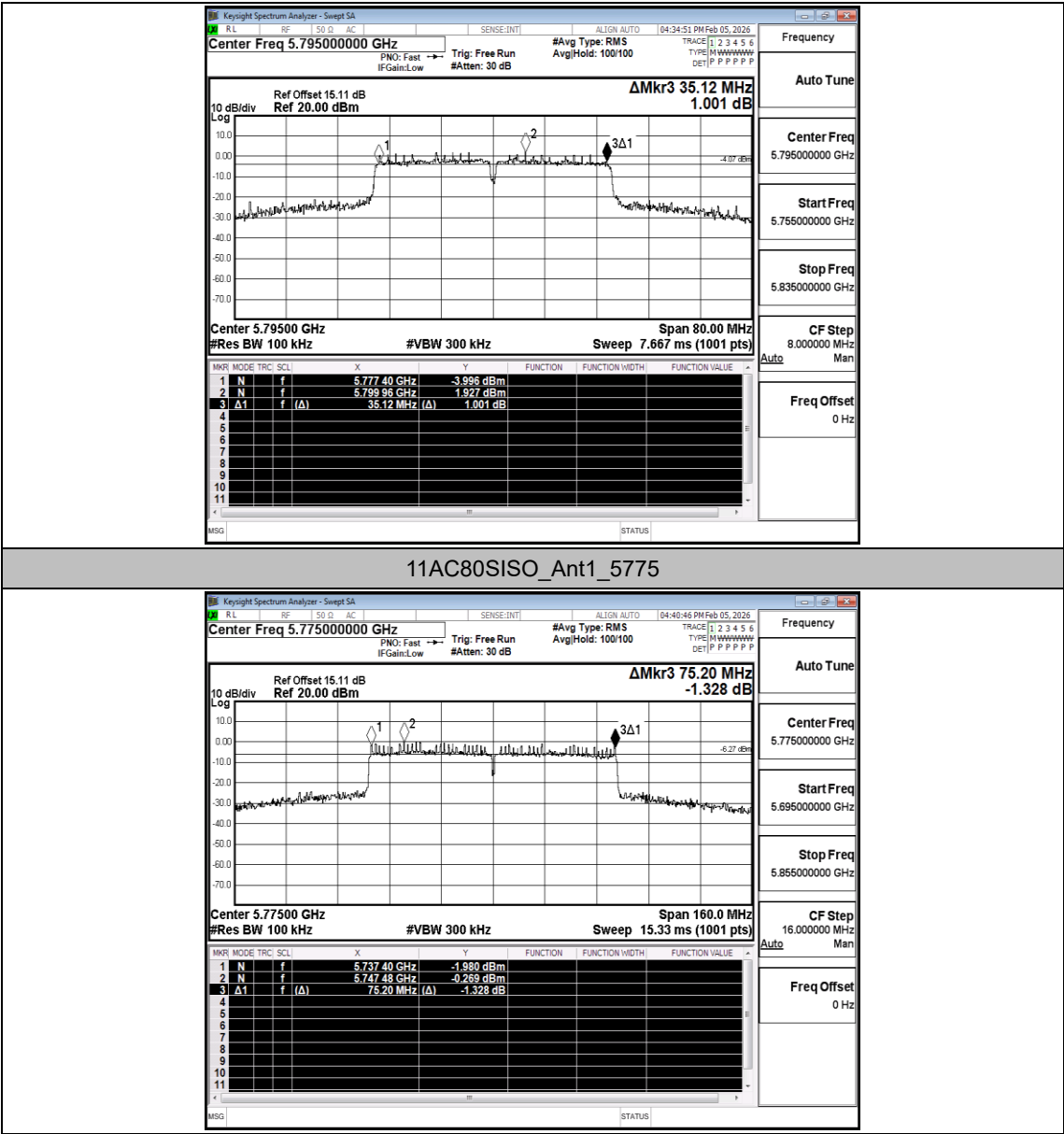
11N20SISO_Ant1_5785











2 Maximum conducted output power

Test Result Channel Power

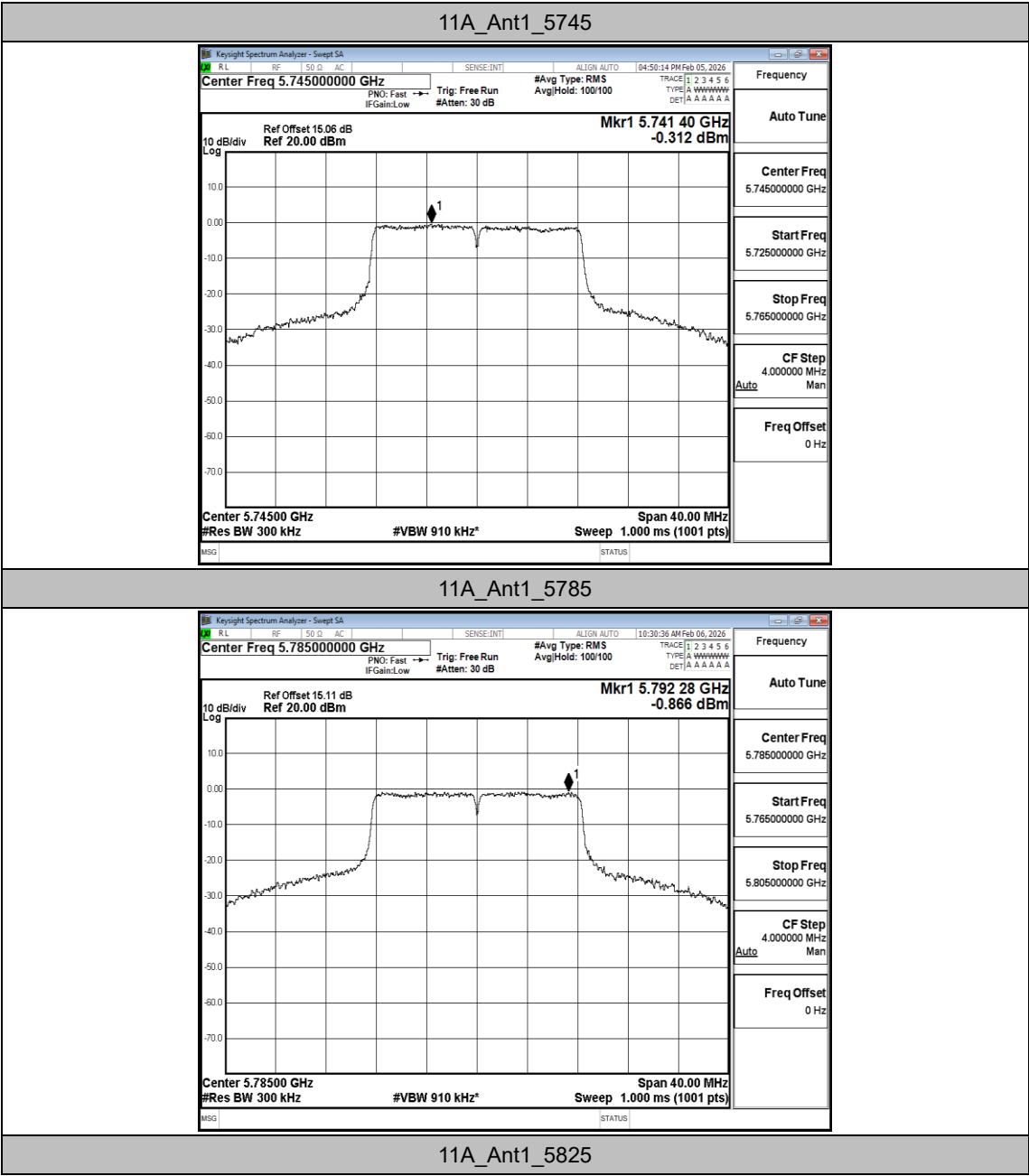
Test Mode	Antenna	Freq(MHz)	Measured Power [dBm]	DC Factor [dB]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	17.17	0.66	17.83	≤30.00	PASS
		5785	16.72	0.69	17.41	≤30.00	PASS
		5825	16.64	0.85	17.49	≤30.00	PASS
11N20SISO	Ant1	5745	18.10	0.53	18.63	≤30.00	PASS
		5785	17.27	1.66	18.93	≤30.00	PASS
		5825	16.55	0.53	17.08	≤30.00	PASS
11N40SISO	Ant1	5755	16.67	1.36	18.03	≤30.00	PASS
		5795	16.02	1.01	17.03	≤30.00	PASS
11AC20SISO	Ant1	5745	16.94	0.70	17.64	≤30.00	PASS
		5785	16.57	0.73	17.30	≤30.00	PASS
		5825	15.79	0.53	16.32	≤30.00	PASS
11AC40SISO	Ant1	5755	16.91	1.01	17.92	≤30.00	PASS
		5795	16.08	1.46	17.54	≤30.00	PASS
11AC80SISO	Ant1	5775	14.93	2.30	17.23	≤30.00	PASS

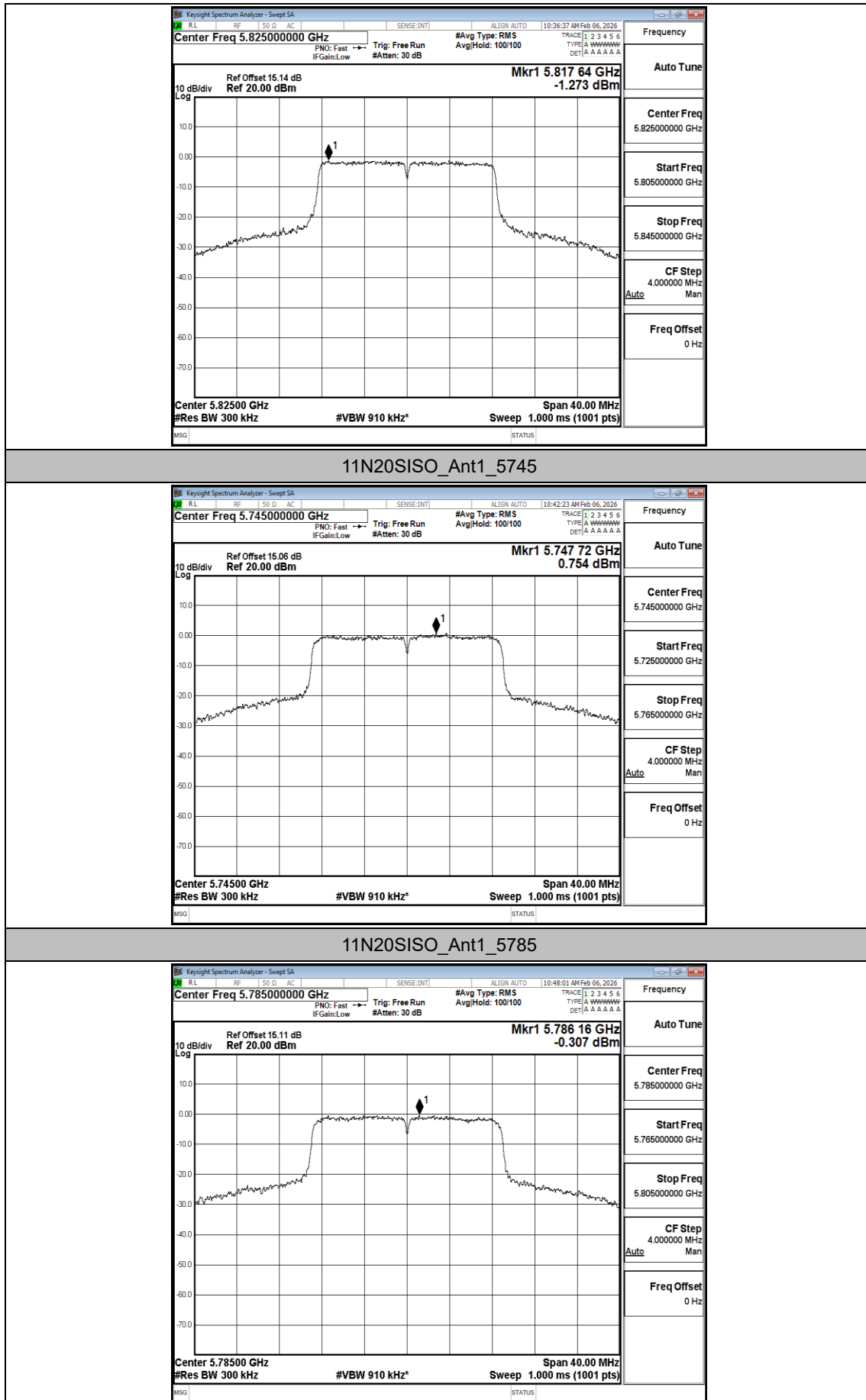
3 Maximum power spectral density

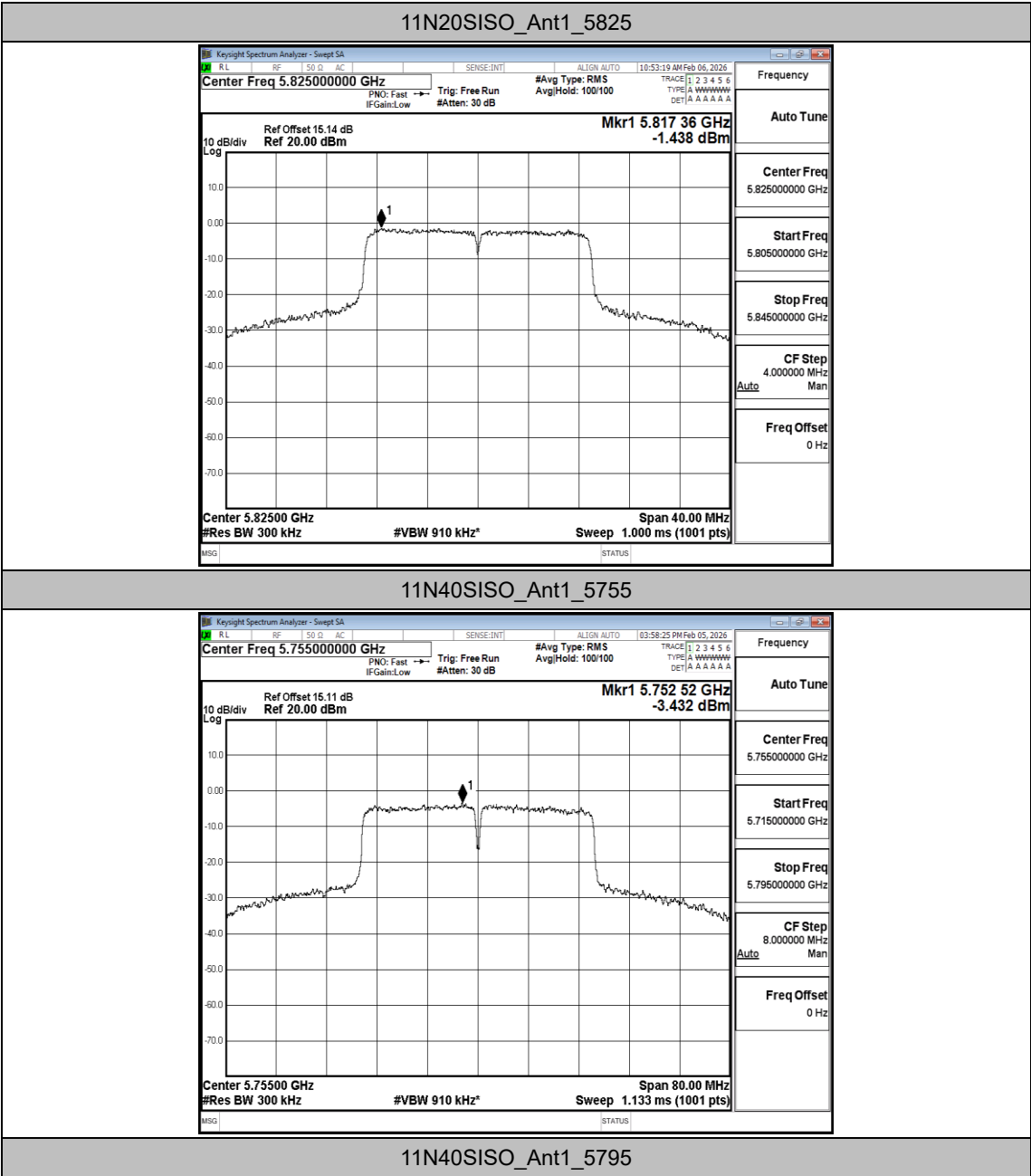
Test Result

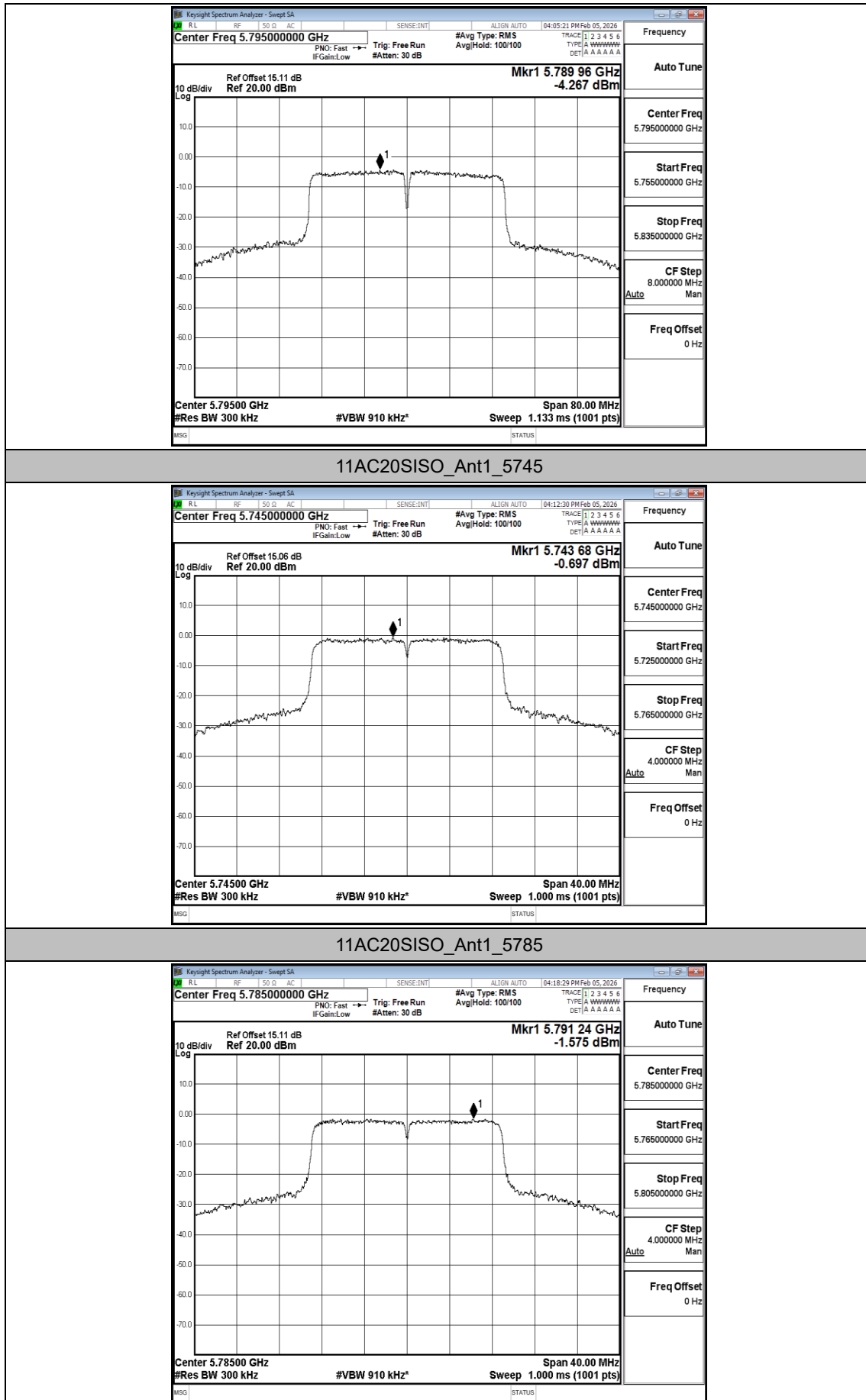
TestMode	Antenna	Freq (MHz)	Raw Data (dBm/500KHz)	DC Factor	RBW Factor	Result (dBm/500KHz)	Limit (dBm/500KHz)	Verdict
11A	Ant1	5745	-0.31	0.66	2.22	2.57	≤30.00	PASS
		5785	-0.87	0.69	2.22	2.04	≤30.00	PASS
		5825	-1.27	0.85	2.22	1.80	≤30.00	PASS
11N20SISO	Ant1	5745	0.75	0.53	2.22	3.50	≤30.00	PASS
		5785	-0.31	1.66	2.22	3.57	≤30.00	PASS
		5825	-1.44	0.53	2.22	1.31	≤30.00	PASS
11N40SISO	Ant1	5755	-3.43	1.36	2.22	0.15	≤30.00	PASS
		5795	-4.27	1.01	2.22	-1.04	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.7	0.70	2.22	2.22	≤30.00	PASS
		5785	-1.58	0.73	2.22	1.37	≤30.00	PASS
		5825	-1.89	0.53	2.22	0.86	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.93	1.01	2.22	-0.70	≤30.00	PASS
		5795	-4.5	1.46	2.22	-0.82	≤30.00	PASS
11AC80SISO	Ant1	5775	-7.51	2.30	2.22	-2.99	≤30.00	PASS

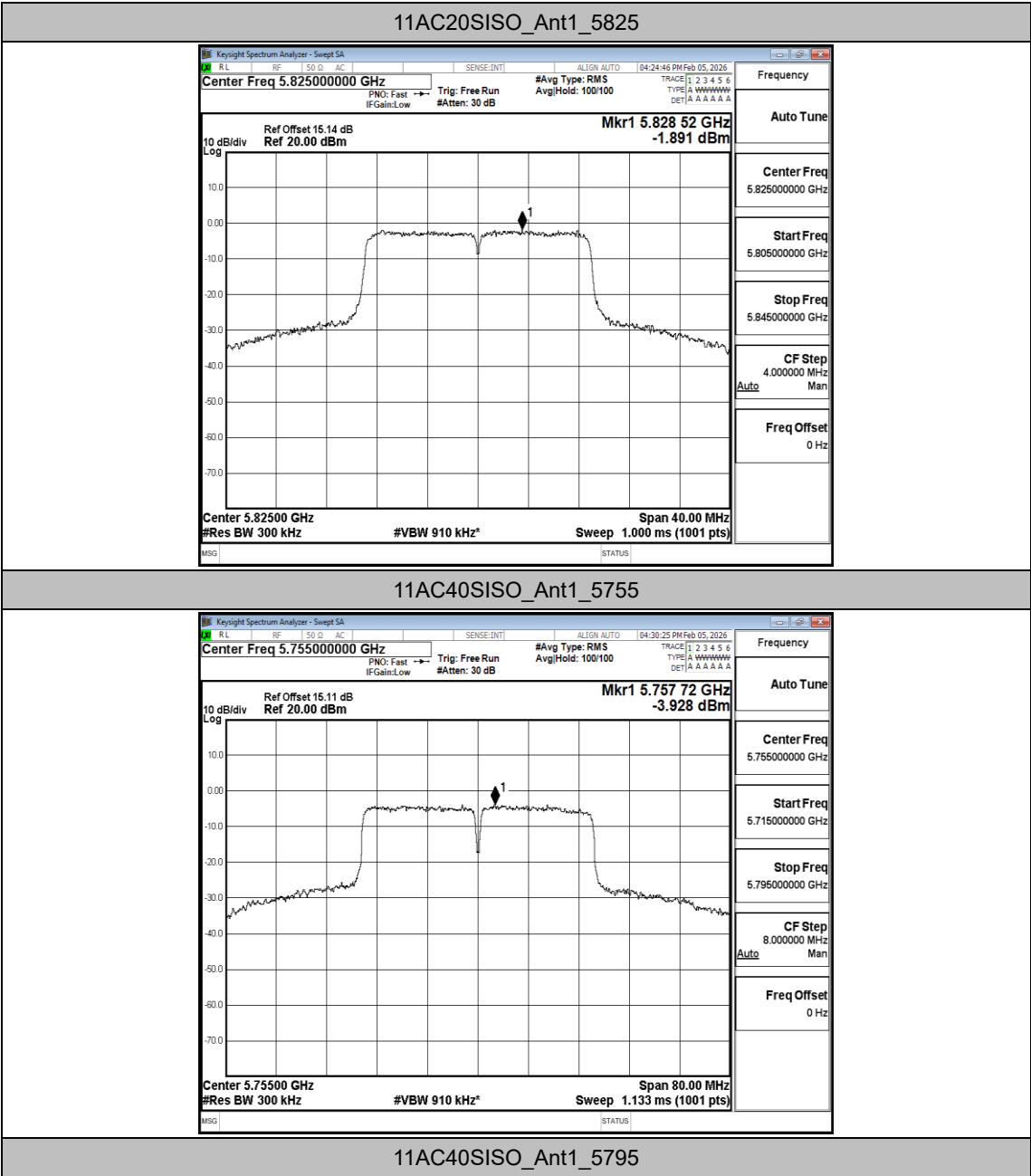
Test Graphs

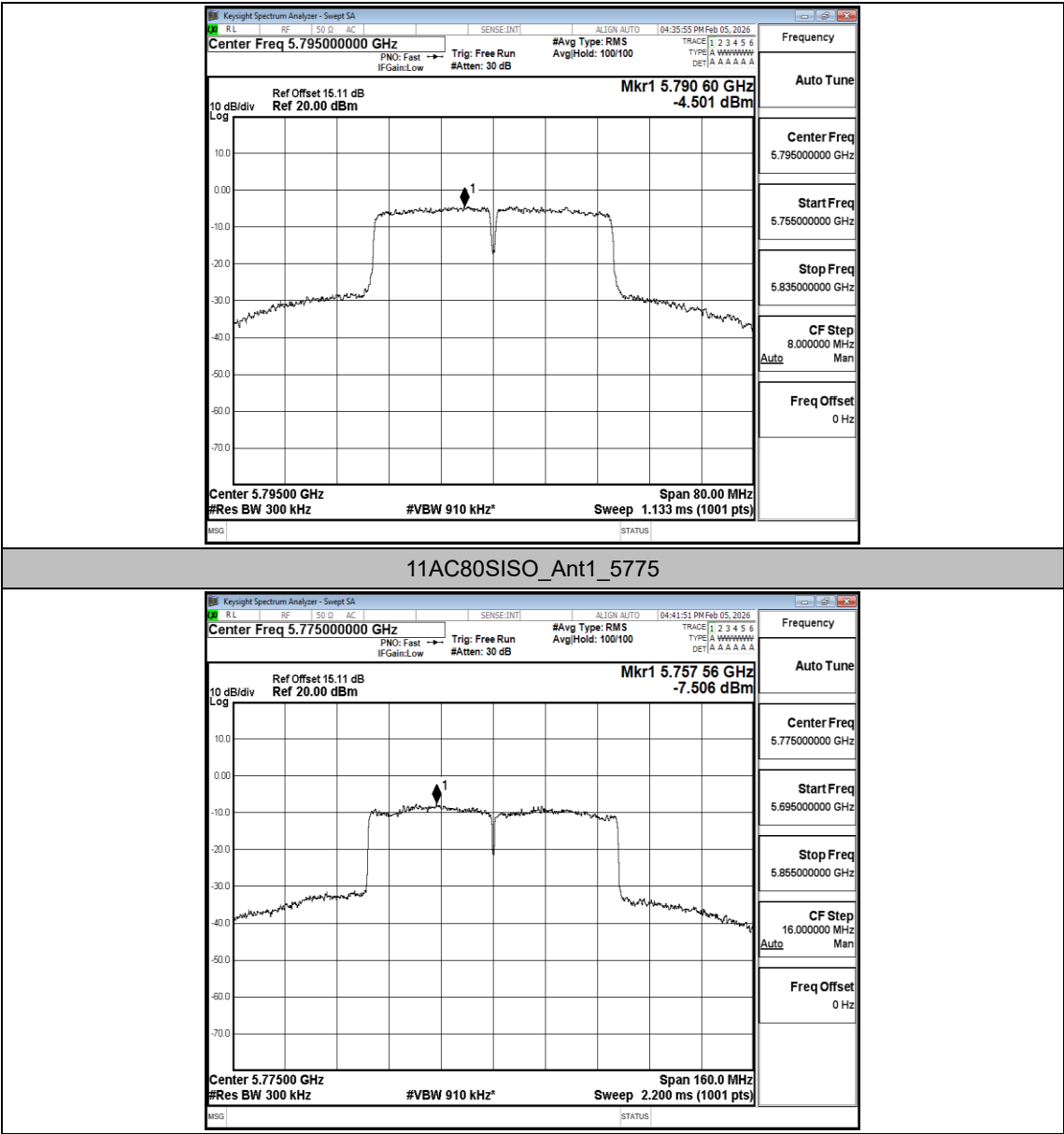












4 Emissions in Restricted Bands

Test Result

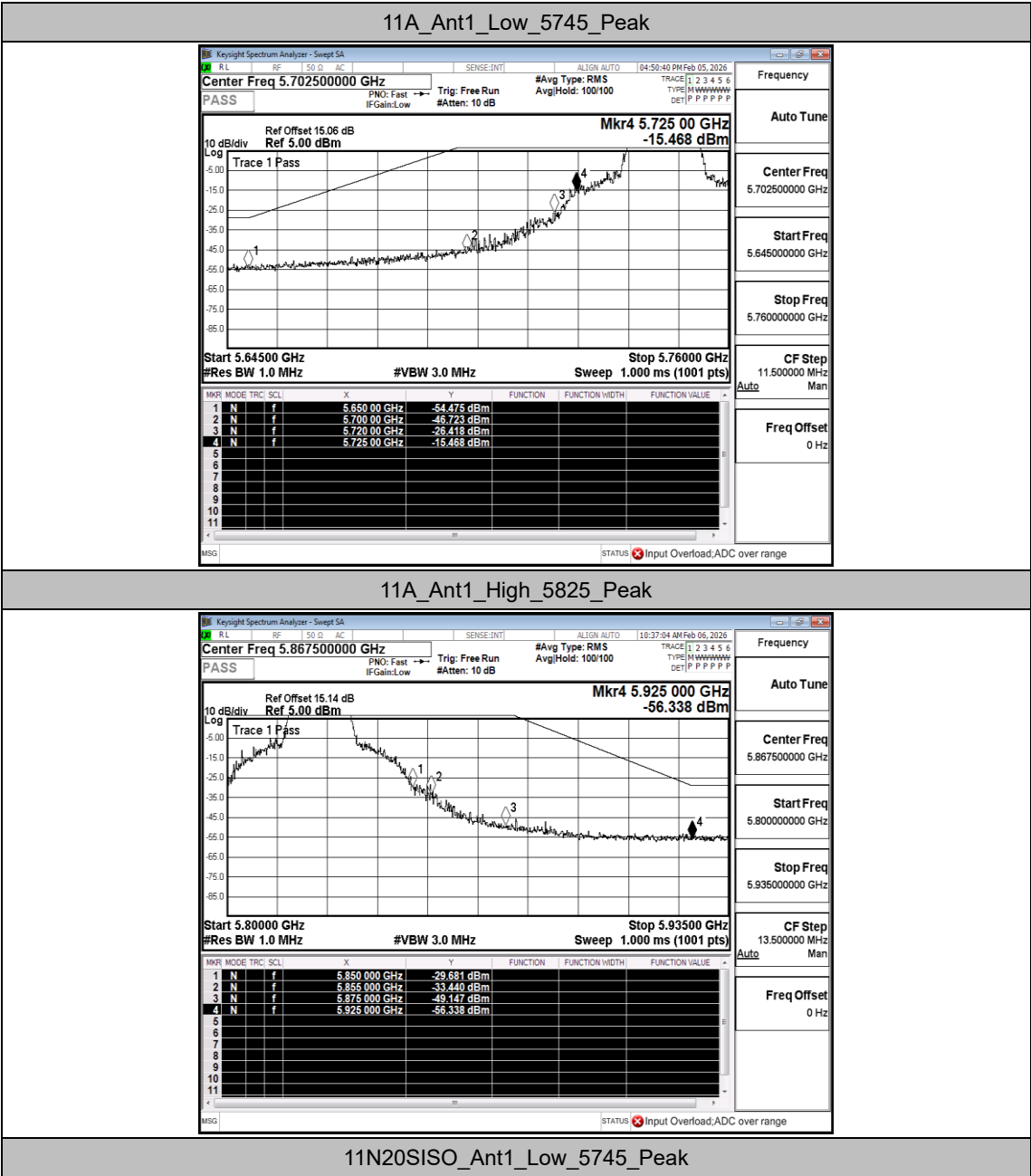
TestMode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-54.475	≤-29.00	2.00	0.00	PASS
				Peak	5700.000	-46.72	≤8.00	2.00	0.00	PASS
				Peak	5720.000	-26.42	≤13.60	2.00	0.00	PASS
				Peak	5725.000	-15.47	≤25.00	2.00	0.00	PASS
		High	5825	Peak	5850.000	-29.681	≤25.00	2.00	0.00	PASS
				Peak	5855.000	-33.44	≤13.60	2.00	0.00	PASS
				Peak	5875.000	-49.15	≤8.00	2.00	0.00	PASS
				Peak	5925.000	-56.34	≤-27.00	2.00	0.00	PASS
11N20SISO	Ant1	Low	5745	Peak	5650.000	-53.671	≤-29.00	2.00	0.00	PASS
				Peak	5700.000	-41.78	≤8.00	2.00	0.00	PASS
				Peak	5720.000	-21.72	≤13.60	2.00	0.00	PASS
				Peak	5725.000	-10.6	≤25.00	2.00	0.00	PASS
		High	5825	Peak	5850.000	-27.037	≤25.00	2.00	0.00	PASS
				Peak	5855.000	-32.09	≤13.60	2.00	0.00	PASS
				Peak	5875.000	-50.48	≤8.00	2.00	0.00	PASS
				Peak	5925.000	-54.5	≤-27.00	2.00	0.00	PASS
11N40SISO	Ant1	Low	5755	Peak	5650.000	-51.717	≤-29.00	2.00	0.00	PASS
				Peak	5700.000	-32.47	≤8.00	2.00	0.00	PASS
				Peak	5720.000	-14.77	≤13.60	2.00	0.00	PASS
				Peak	5725.000	-15.89	≤25.00	2.00	0.00	PASS
		High	5795	Peak	5850.000	-33.501	≤25.00	2.00	0.00	PASS
				Peak	5855.000	-37.82	≤13.60	2.00	0.00	PASS
				Peak	5875.000	-48.34	≤8.00	2.00	0.00	PASS
				Peak	5925.000	-55.77	≤-27.00	2.00	0.00	PASS
11AC20SISO	Ant1	Low	5745	Peak	5650.000	-53.849	≤-29.00	2.00	0.00	PASS
				Peak	5700.000	-44.66	≤8.00	2.00	0.00	PASS
				Peak	5720.000	-29.53	≤13.60	2.00	0.00	PASS
				Peak	5725.000	-18.02	≤25.00	2.00	0.00	PASS
		High	5825	Peak	5850.000	-30.886	≤25.00	2.00	0.00	PASS
				Peak	5855.000	-38.57	≤13.60	2.00	0.00	PASS
				Peak	5875.000	-50.94	≤8.00	2.00	0.00	PASS
				Peak	5925.000	-56.43	≤-27.00	2.00	0.00	PASS
11AC40SISO	Ant1	Low	5755	Peak	5650.000	-52.118	≤-29.00	2.00	0.00	PASS
				Peak	5700.000	-30.46	≤8.00	2.00	0.00	PASS
				Peak	5720.000	-16.78	≤13.60	2.00	0.00	PASS
				Peak	5725.000	-14.96	≤25.00	2.00	0.00	PASS

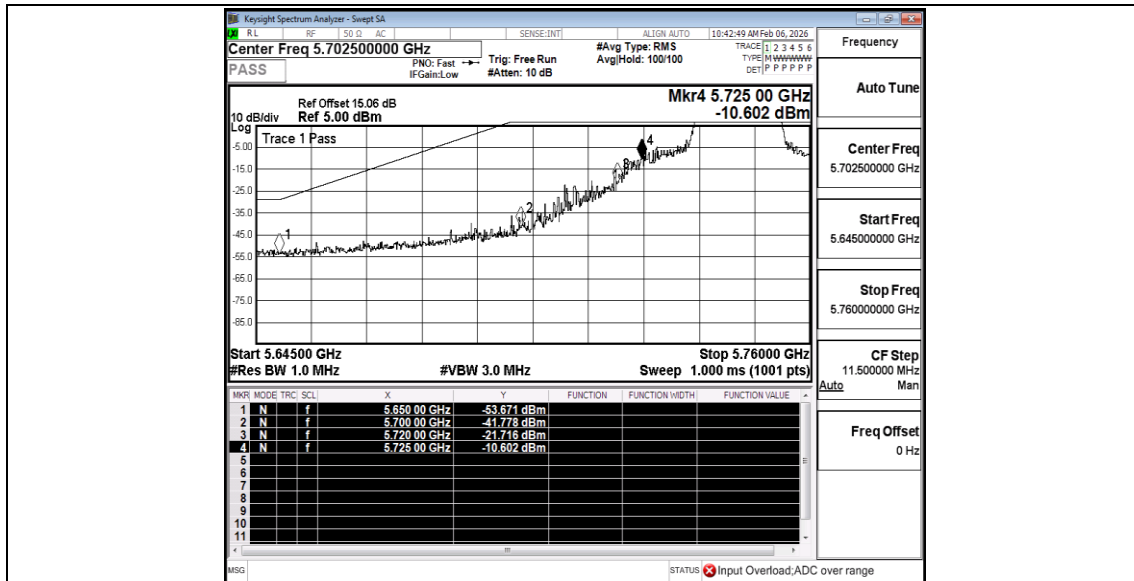
11AC80SISO	Ant1	High	5795	Peak	5850.000	-33.428	≤25.00	2.00	0.00	PASS
				Peak	5855.000	-37.36	≤13.60	2.00	0.00	PASS
				Peak	5875.000	-51.45	≤8.00	2.00	0.00	PASS
				Peak	5925.000	-53.73	≤-27.00	2.00	0.00	PASS
		Low	5775	Peak	5650.000	-41.105	≤-29.00	2.00	0.00	PASS
				Peak	5700.000	-20.19	≤8.00	2.00	0.00	PASS
				Peak	5720.000	-15.38	≤13.60	2.00	0.00	PASS
				Peak	5725.000	-15.51	≤25.00	2.00	0.00	PASS
		High	5775	Peak	5850.000	-21.275	≤25.00	2.00	0.00	PASS
				Peak	5855.000	-25.64	≤13.60	2.00	0.00	PASS
				Peak	5875.000	-33.53	≤8.00	2.00	0.00	PASS
				Peak	5925.000	-52.28	≤-27.00	2.00	0.00	PASS

Note:

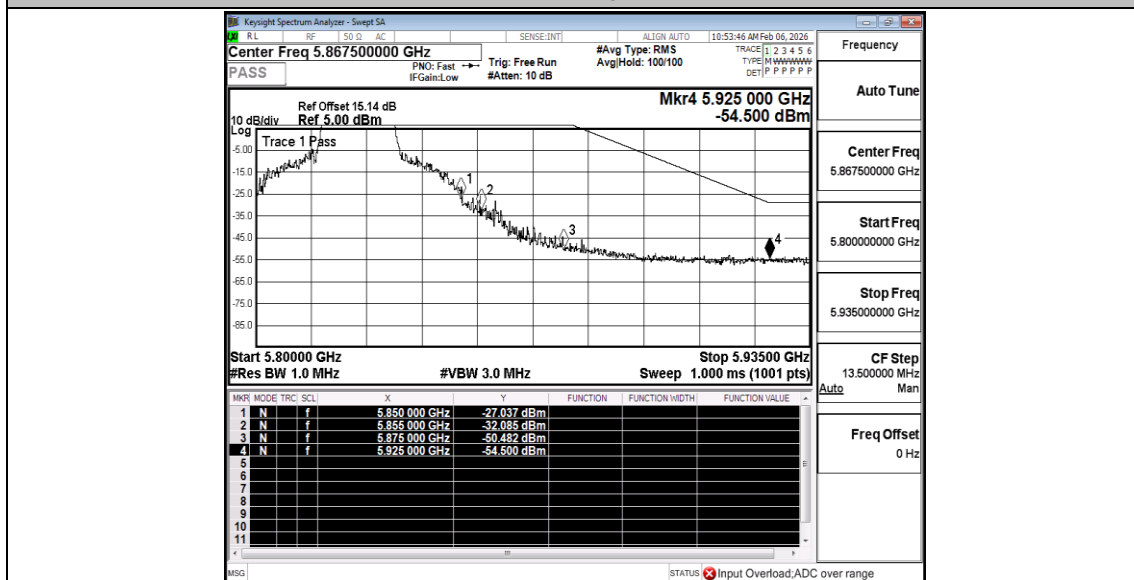
1. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

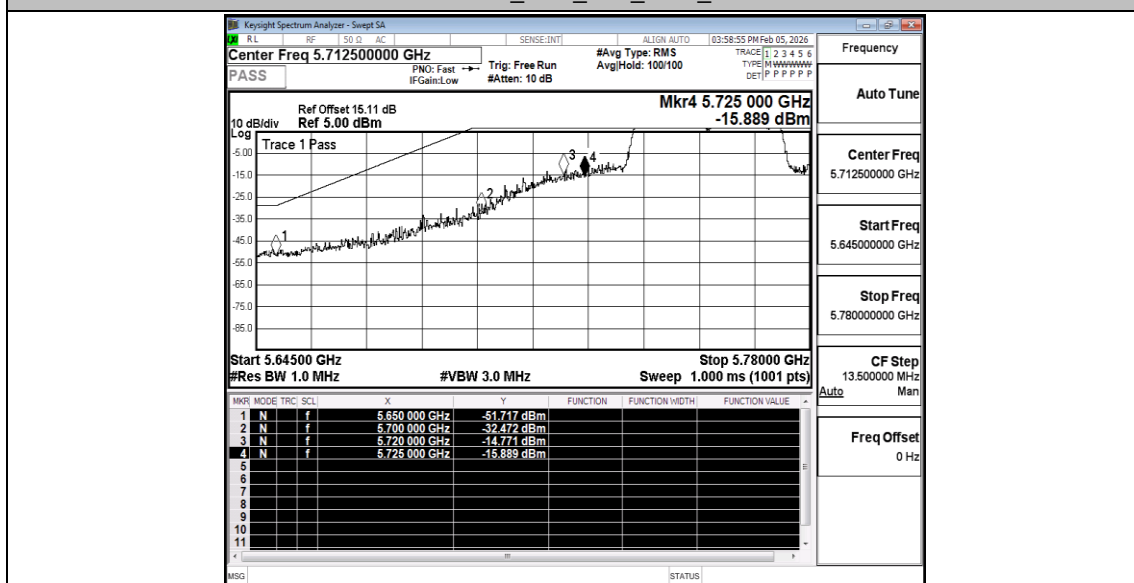




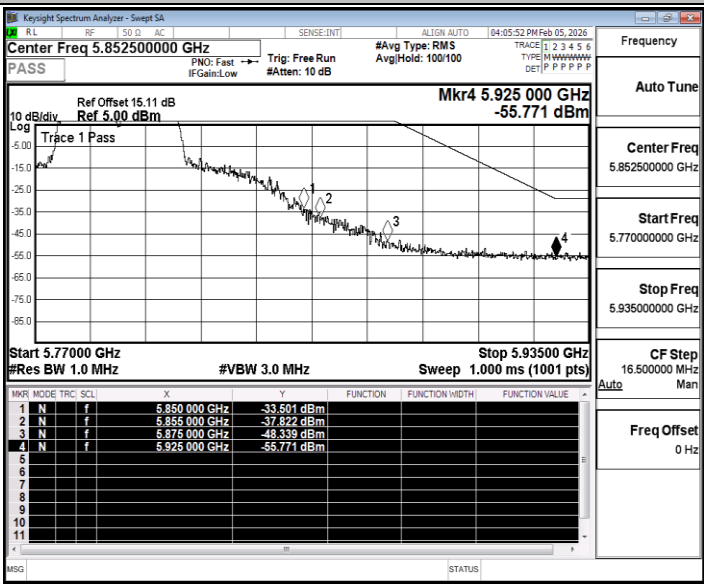
11N20SISO_Ant1_High_5825_Peak



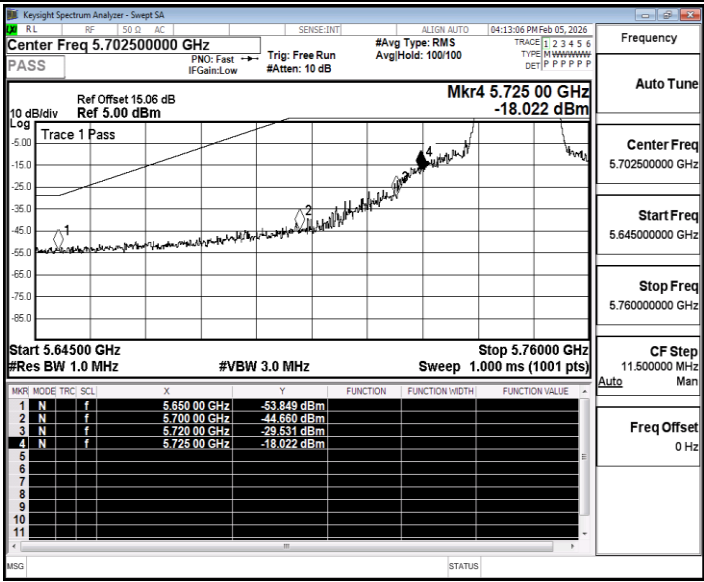
11N40SISO_Ant1_Low_5755_Peak



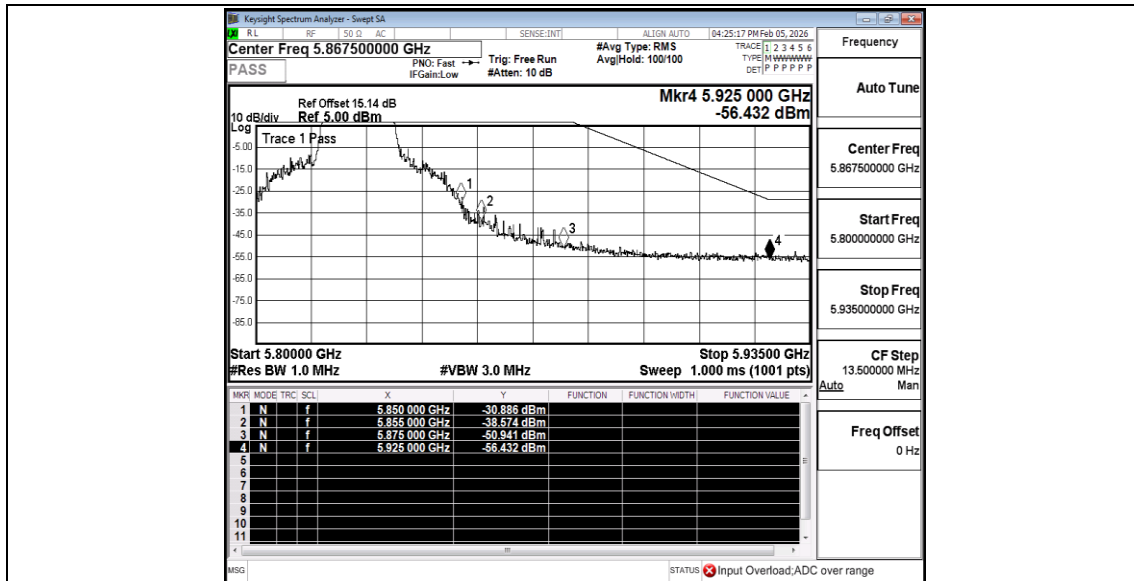
11N40SISO_Ant1_High_5795_Peak



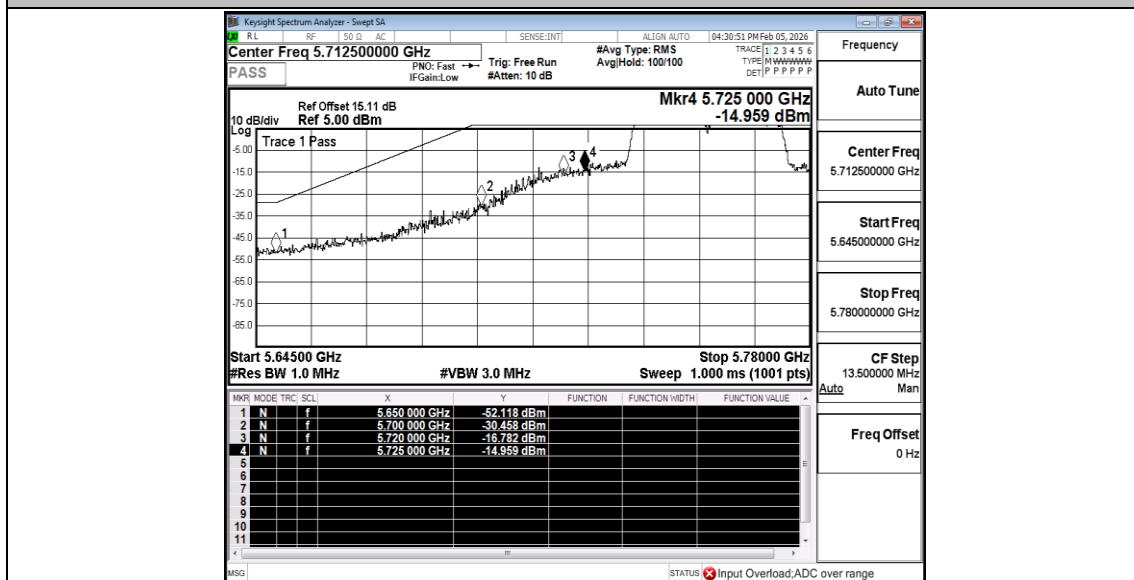
11AC20SISO_Ant1_Low_5745_Peak



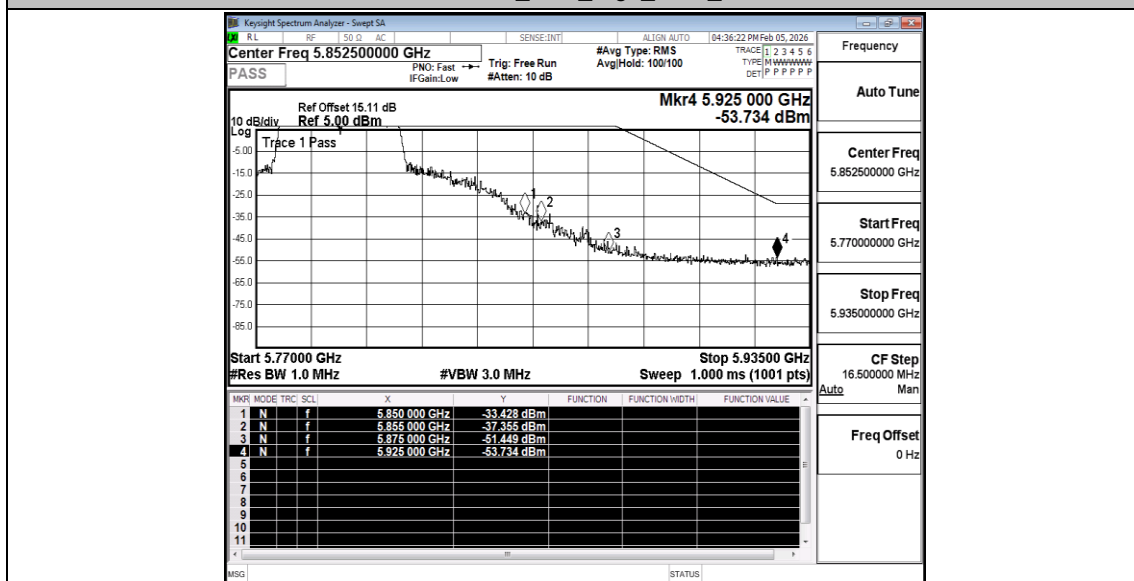
11AC20SISO_Ant1_High_5825_Peak

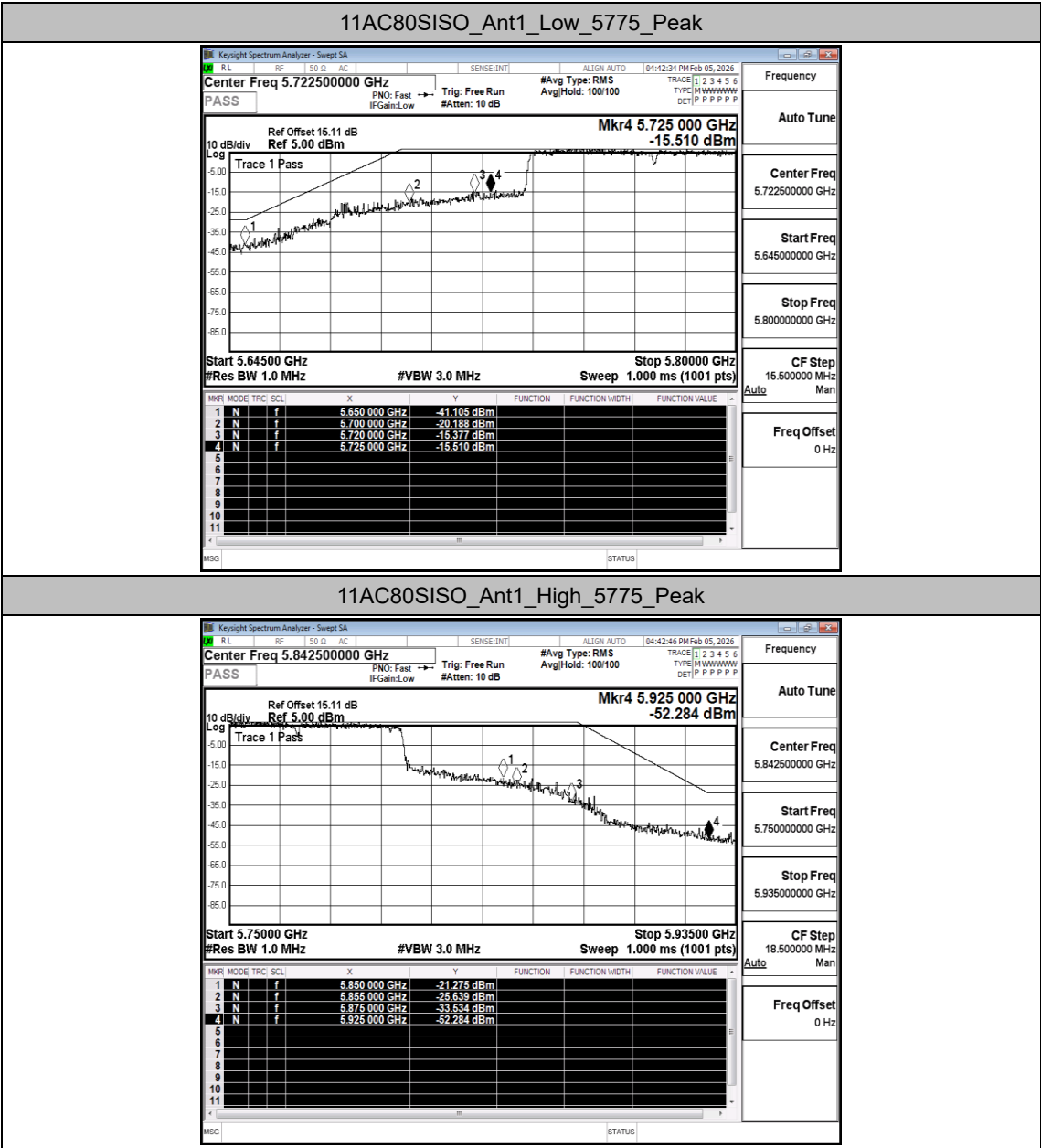


11AC40SISO_Ant1_Low_5755_Peak



11AC40SISO_Ant1_High_5795_Peak





5 Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Freq(M Hz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.481288	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5785	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.481288	20	PASS
		5785	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	20000.00	3.457217	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-20000.00	-3.433476	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	40000.00	6.902502	20	PASS
11AC20S ISO	Ant1	5745	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5785	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
		5825	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5755	NV	NT	0.00	0.000000	20	PASS
			LV	NT	-40000.00	-6.950478	20	PASS
			HV	NT	0.00	0.000000	20	PASS

		5795	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5775	NV	NT	0.00	0.000000	20	PASS
			LV	NT	0.00	0.000000	20	PASS
			HV	NT	-80000.00	-13.852814	20	PASS

Temperature								
TestMode	Antenna	Freq(M Hz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-20000.00	-3.481288	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	0.00	0.000000	20	PASS
			NV	0	20000.00	3.481288	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	0.00	0.000000	20	PASS
		5785	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	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.457217	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	0.00	0.000000	20	PASS
		5825	NV	-30	20000.00	3.433476	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	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	0.00	0.000000	20	PASS
11N20SI SO	Ant1	5745	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	0.00	0.000000	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	-20000.00	-3.481288	20	PASS
		5785	NV	-30	-20000.00	-3.457217	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	-20000.00	-3.457217	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	0.00	0.000000	20	PASS
		5825	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	-20000.00	-3.433476	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	0.00	0.000000	20	PASS
11N40SI SO	Ant1	5755	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	0.00	0.000000	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	-40000.00	-6.950478	20	PASS
			NV	50	0.00	0.000000	20	PASS
		5795	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	0.00	0.000000	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	0.00	0.000000	20	PASS
11AC20S ISO	Ant1	5745	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	0.00	0.000000	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	0.00	0.000000	20	PASS
		5785	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	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.457217	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	20000.00	3.457217	20	PASS
		5825	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	0.00	0.000000	20	PASS
			NV	10	-20000.00	-3.433476	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	0.00	0.000000	20	PASS
11AC40S ISO	Ant1	5755	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	0.00	0.000000	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	0.00	0.000000	20	PASS
		5795	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS
			NV	-10	-40000.00	-6.902502	20	PASS
			NV	0	-40000.00	-6.902502	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	0.00	0.000000	20	PASS
11AC80S ISO	Ant1	5775	NV	-30	0.00	0.000000	20	PASS
			NV	-20	0.00	0.000000	20	PASS

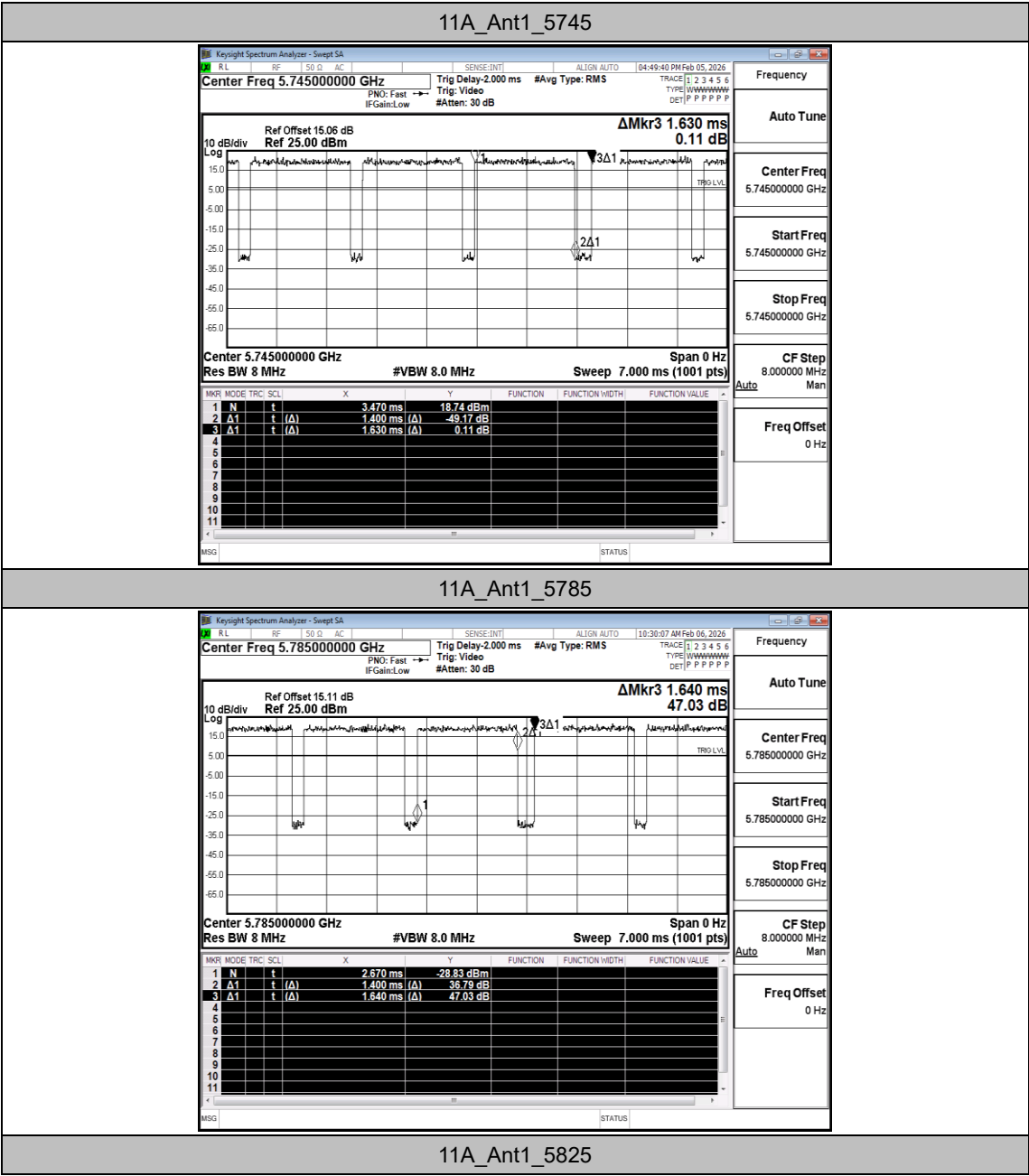
			NV	-10	0.00	0.000000	20	PASS
			NV	0	0.00	0.000000	20	PASS
			NV	10	0.00	0.000000	20	PASS
			NV	20	-80000.00	-13.852814	20	PASS
			NV	30	-80000.00	-13.852814	20	PASS
			NV	40	0.00	0.000000	20	PASS
			NV	50	0.00	0.000000	20	PASS

6 Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor	Limit	Verdict
11A	Ant1	5745	1.40	1.63	85.89	0.66	---	---
		5785	1.40	1.64	85.37	0.69	---	---
		5825	1.39	1.69	82.25	0.85	---	---
11N20SISO	Ant1	5745	1.30	1.47	88.44	0.53	---	---
		5785	1.31	1.92	68.23	1.66	---	---
		5825	1.30	1.47	88.44	0.53	---	---
11N40SISO	Ant1	5755	0.65	0.89	73.03	1.36	---	---
		5795	0.65	0.82	79.27	1.01	---	---
11AC20SISO	Ant1	5745	1.32	1.55	85.16	0.70	---	---
		5785	1.31	1.55	84.52	0.73	---	---
		5825	1.32	1.49	88.59	0.53	---	---
11AC40SISO	Ant1	5755	0.65	0.82	79.27	1.01	---	---
		5795	0.65	0.91	71.43	1.46	---	---
11AC80SISO	Ant1	5775	0.33	0.56	58.93	2.30	---	---

Test Graphs



11A_Ant1_5785

Keysight Spectrum Analyzer - Sweep SA

RL RF 150.0 AC SENSE:INT1 ALIGN: AUTO 10/30/07 AM Feb 06, 2026

Center Freq 5.785000000 GHz Trig Delay: 2.000 ms #Avg Type: RMS

PNO: Fast IFGain: Low Trig: Video #Atten: 30 dB

Ref Offset 15.11 dB Δ Mkr3 1.640 ms

Ref 25.00 dBm 47.03 dB

10 dB/Div

LOG

15.0

5.00

-5.00

-15.0

-25.0

-35.0

-45.0

-55.0

-65.0

Center 5.785000000 GHz Span 0 Hz

Res BW 8 MHz #VBW 8.0 MHz Sweep 7.000 ms (1001 pts)

MKR MODE TRC: SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE

1 N t 2.670 ms -28.83 dBm

2 Δ 1 t (A) 1.400 ms (A) -36.79 dB

3 Δ 1 t (A) 1.640 ms (A) 47.03 dB

4

5

6

7

8

9

10

11

MSG STATUS

Frequency

Auto Tune

Center Freq 5.785000000 GHz

Start Freq 5.785000000 GHz

Stop Freq 5.785000000 GHz

CF Step 8.0000000 MHz

Auto Man

Freq Offset 0 Hz

11A_Ant1_5825

