

Case No. : <u>GTS20260616001-2-02</u>
Ambient Condition: <u>25</u> °C, <u>45</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.6.17-2026.6.30</u> Test Engineer: <u>Evan ouyang</u>

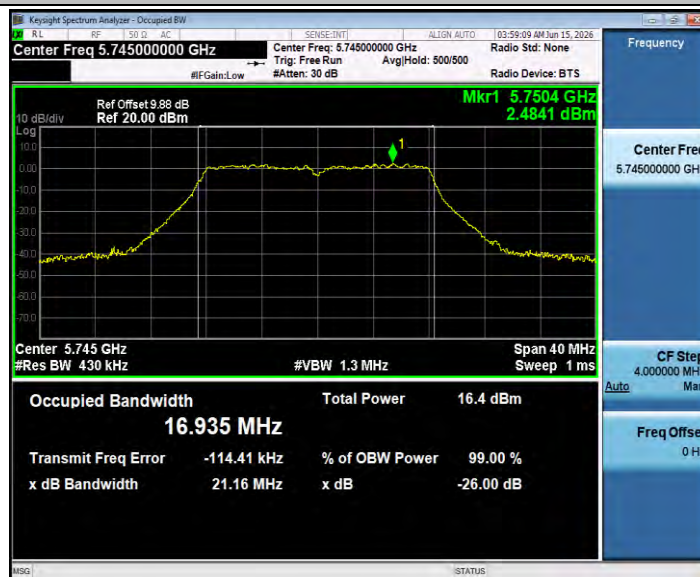
Appendix C.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5745	16.935	5736.4181	5753.3531	---	---
		5785	16.935	5776.4057	5793.3407	---	---
		5825	16.908	5816.4121	5833.3201	---	---
11N20SISO	Ant4	5745	17.889	5735.9919	5753.8809	---	---
		5785	17.880	5775.9847	5793.8647	---	---
		5825	17.847	5816.0019	5833.8489	---	---
11N40SISO	Ant4	5755	37.108	5736.4671	5773.5751	---	---
		5795	37.115	5776.4521	5813.5671	---	---
11AC20SISO	Ant4	5745	17.923	5735.9866	5753.9096	---	---
		5785	17.907	5775.9844	5793.8914	---	---
		5825	17.893	5815.9857	5833.8787	---	---
11AC40SISO	Ant4	5755	37.064	5736.4882	5773.5522	---	---
		5795	37.136	5776.4586	5813.5946	---	---
11AC80SISO	Ant4	5775	75.858	5737.2129	5813.0709	---	---

Test Graphs

11A_Ant4_5745



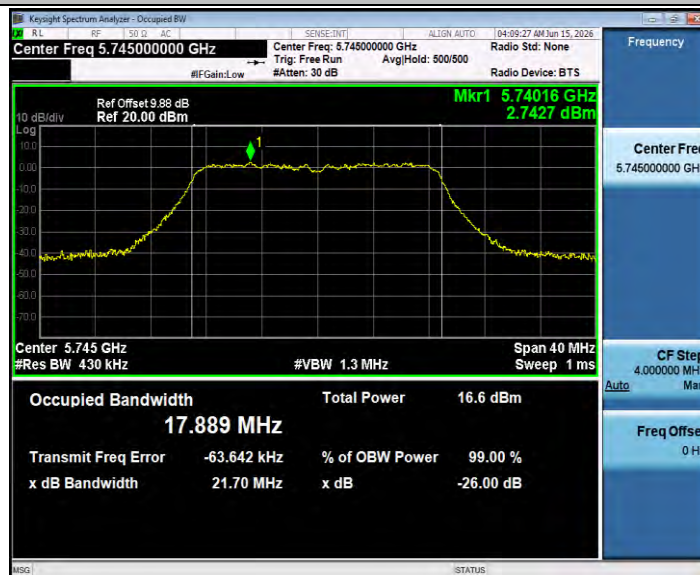
11A_Ant4_5785



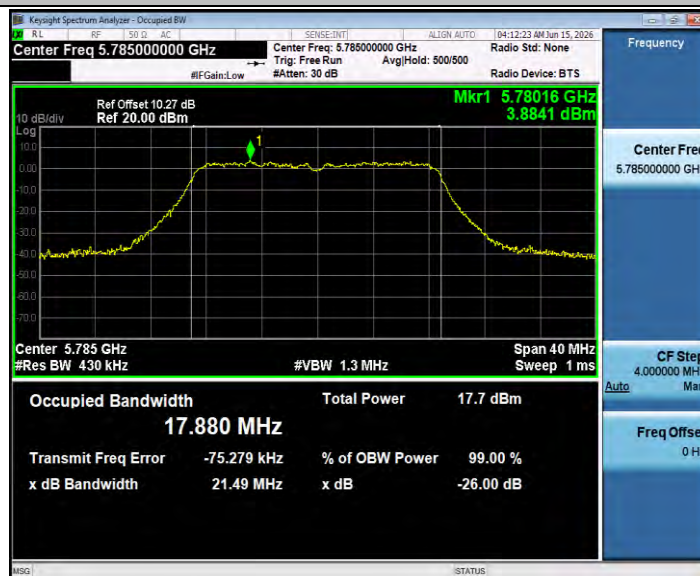
11A_Ant4_5825



11N20SISO_Ant4_5745



11N20SISO_Ant4_5785



11N20SISO_Ant4_5825



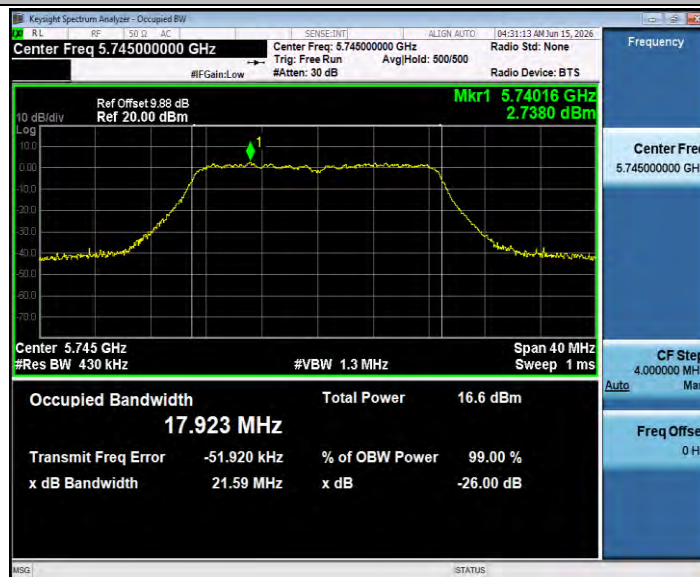
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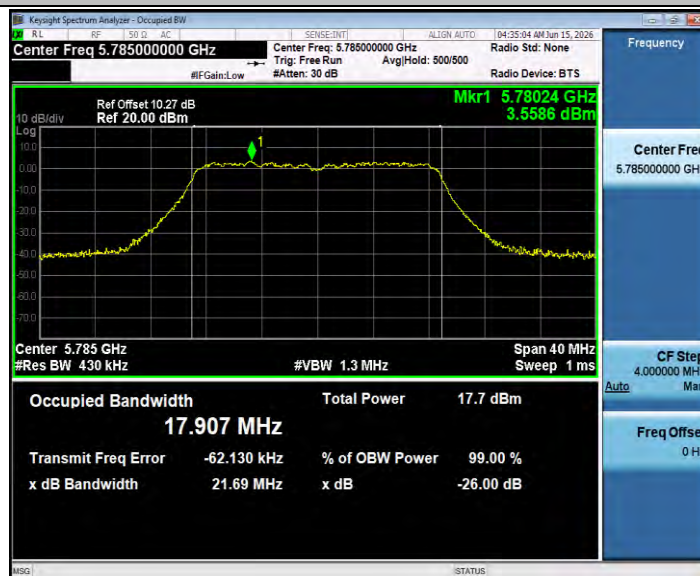
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11AC20SISO_Ant4_5745



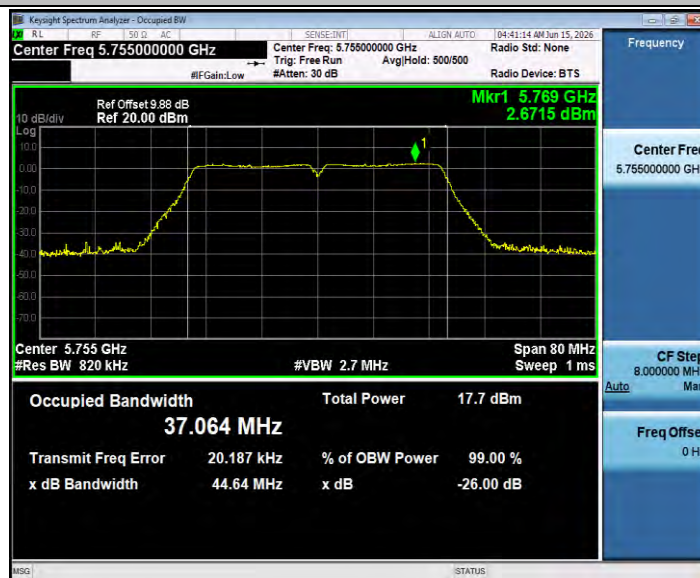
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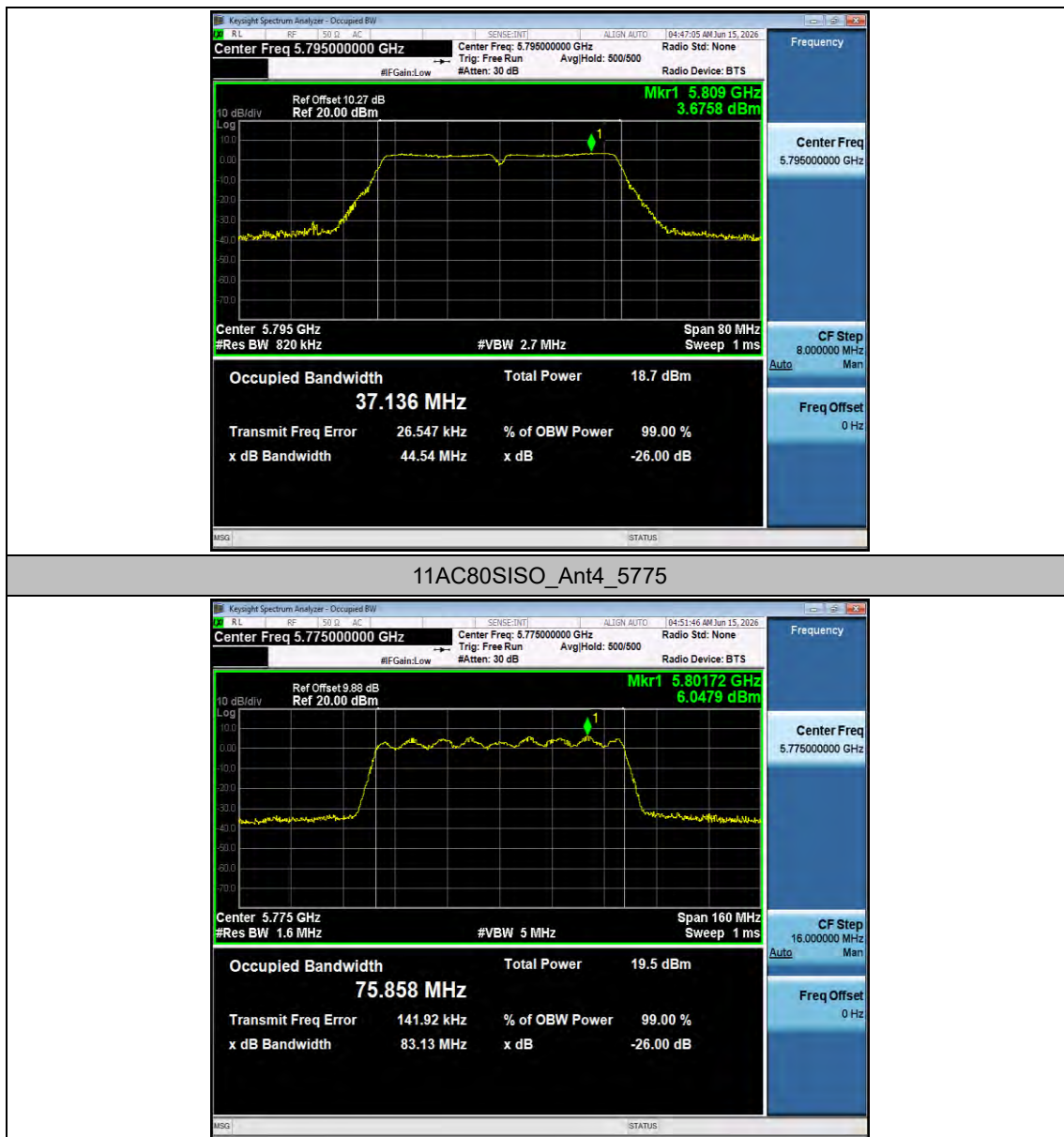
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11AC40SISO_Ant4_5755



11AC40SISO_Ant4_5795



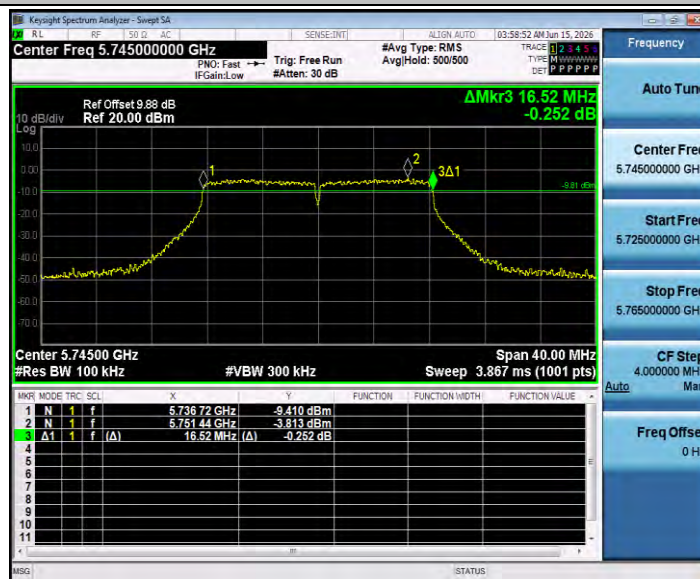
Appendix C.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant4	5745	16.520	5736.720	5753.240	0.5	PASS
		5785	16.480	5776.720	5793.200	0.5	PASS
		5825	16.480	5816.720	5833.200	0.5	PASS
11N20SISO	Ant4	5745	17.680	5736.120	5753.800	0.5	PASS
		5785	17.680	5776.120	5793.800	0.5	PASS
		5825	17.680	5816.120	5833.800	0.5	PASS
11N40SISO	Ant4	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC20SISO	Ant4	5745	17.680	5736.120	5753.800	0.5	PASS
		5785	17.640	5776.160	5793.800	0.5	PASS
		5825	17.640	5816.160	5833.800	0.5	PASS
11AC40SISO	Ant4	5755	36.480	5736.760	5773.240	0.5	PASS
		5795	36.480	5776.760	5813.240	0.5	PASS
11AC80SISO	Ant4	5775	76.320	5736.760	5813.080	0.5	PASS

Test Graphs B4

11A_Ant4_5745



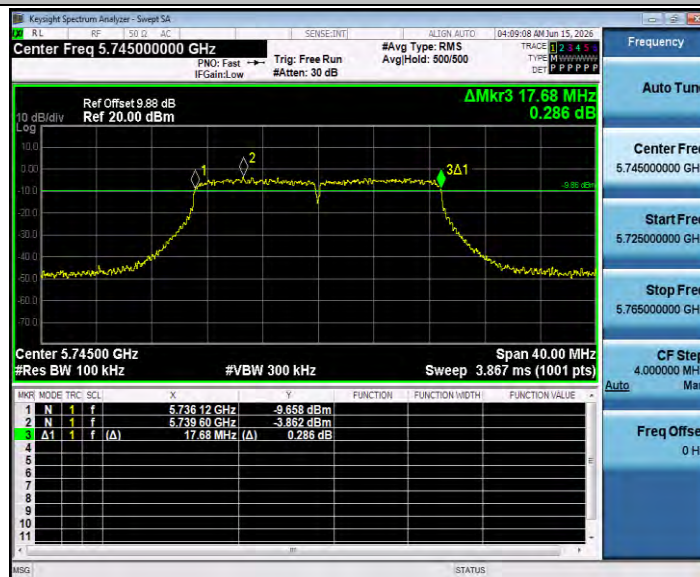
11A_Ant4_5785



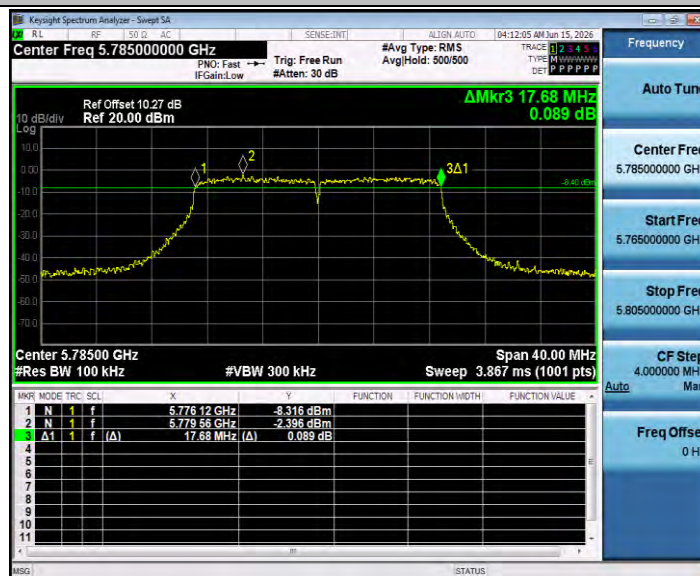
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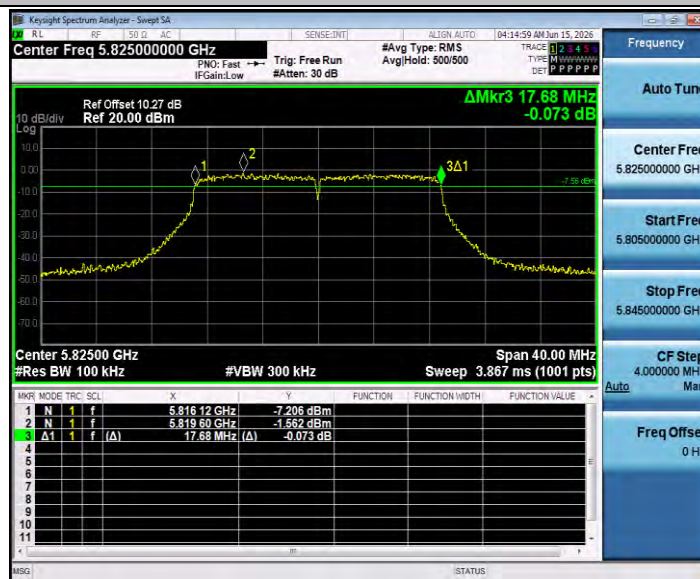
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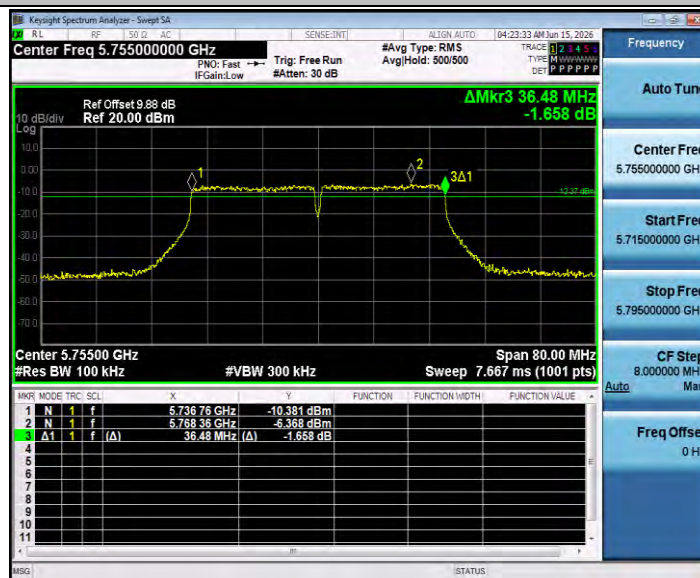
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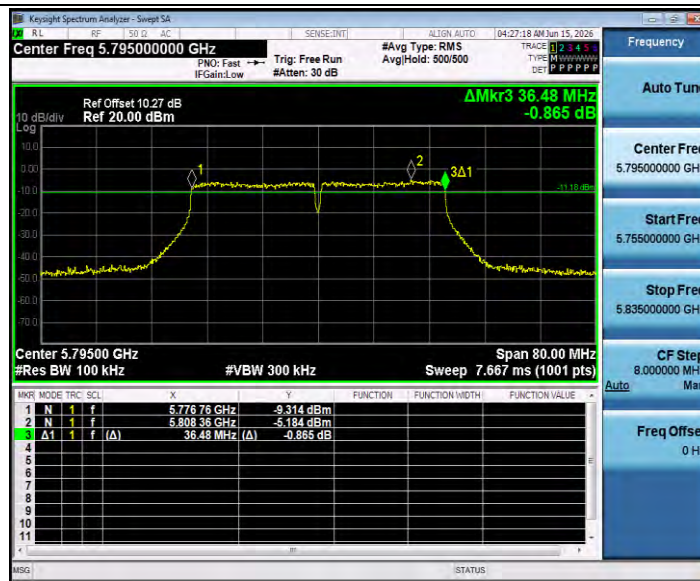
11N20SISO_Ant4_5825



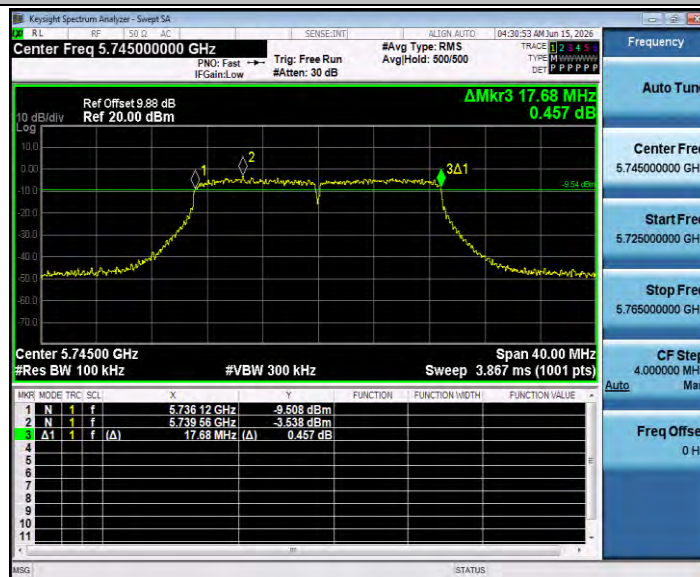
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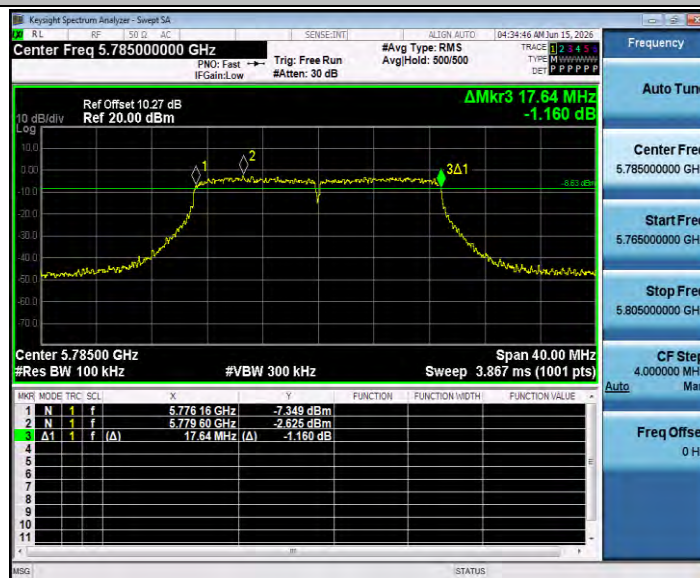
11N40SISO_Ant4_5795



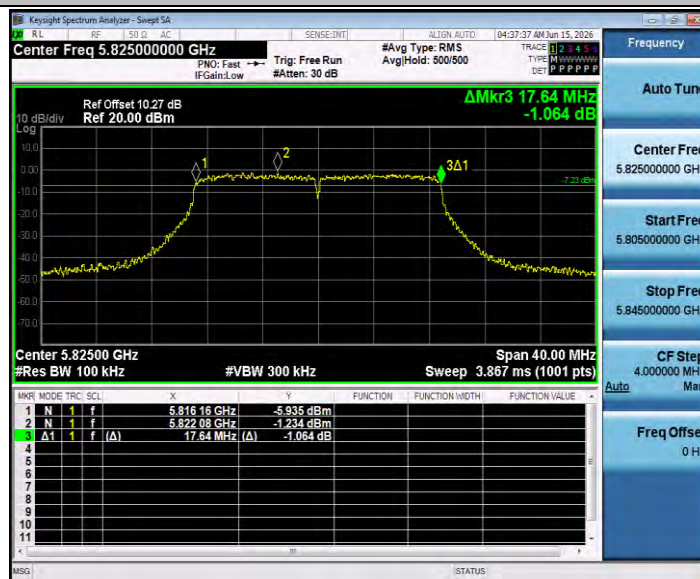
11AC20SISO_Ant4_5745



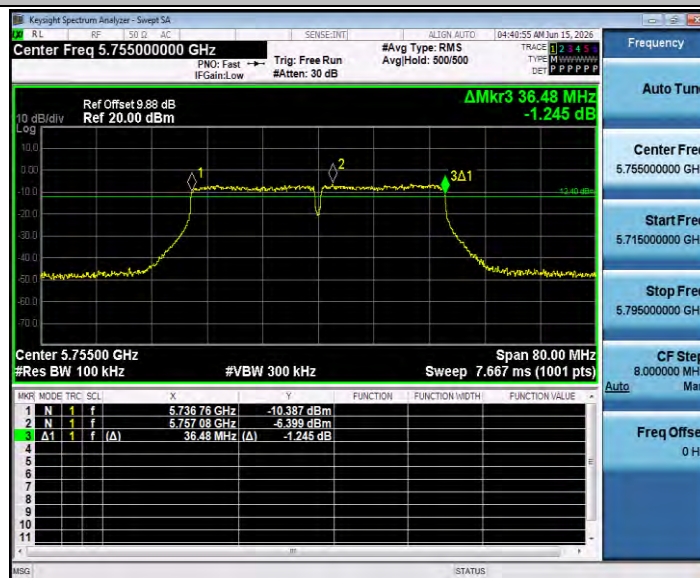
11AC20SISO_Ant4_5785



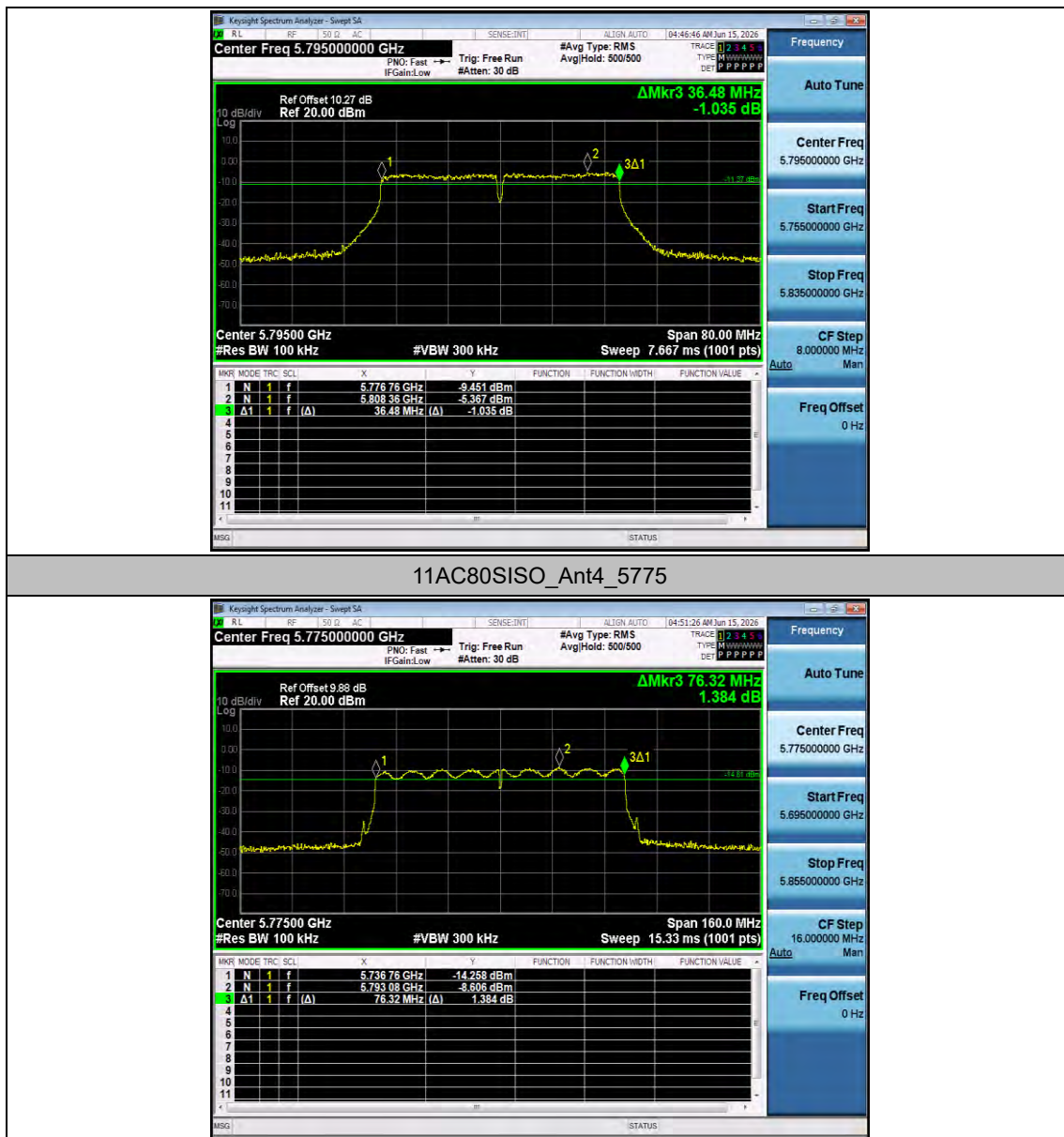
11AC20SISO_Ant4_5825



11AC40SISO_Ant4_5755



11AC40SISO_Ant4_5795

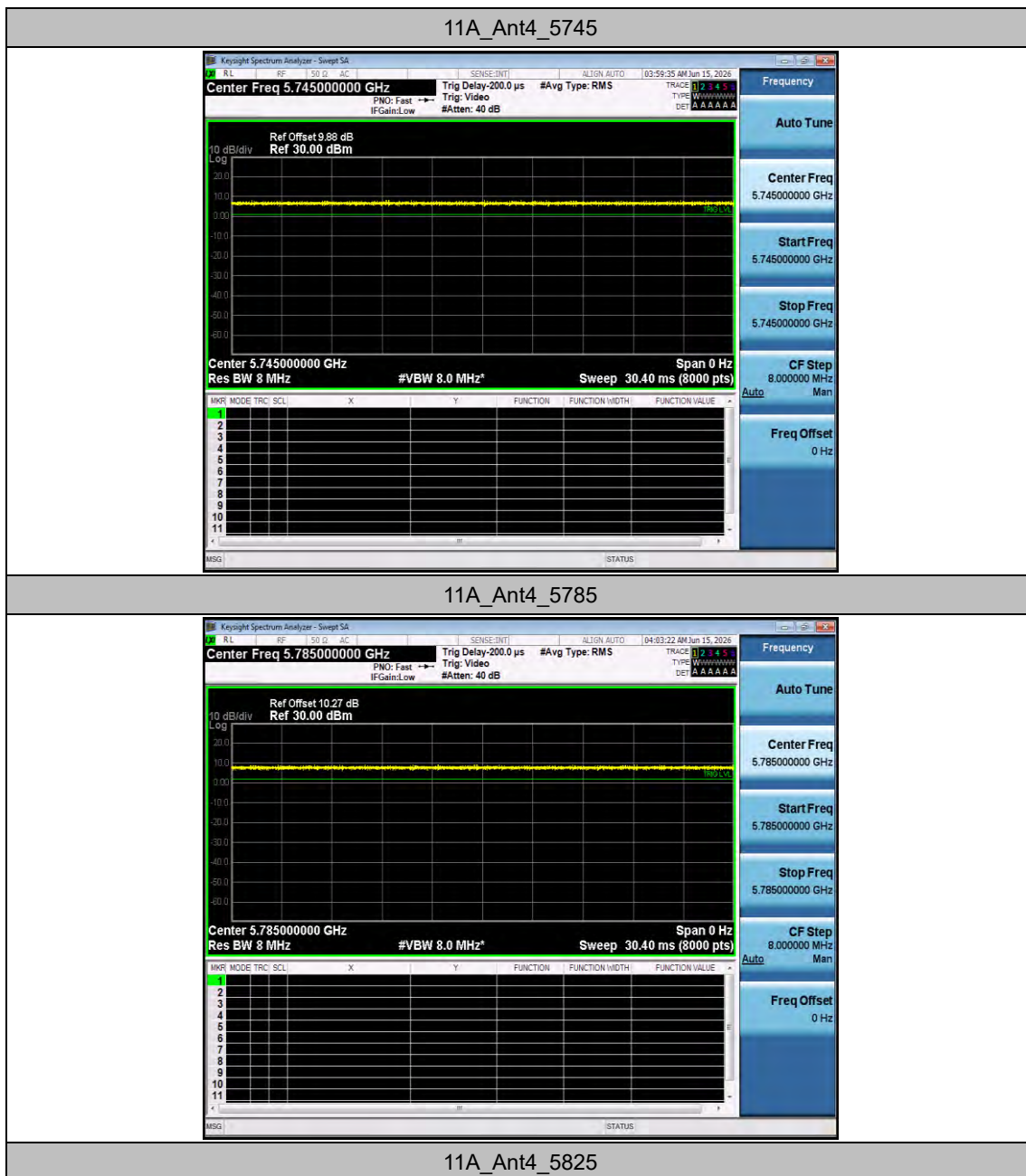


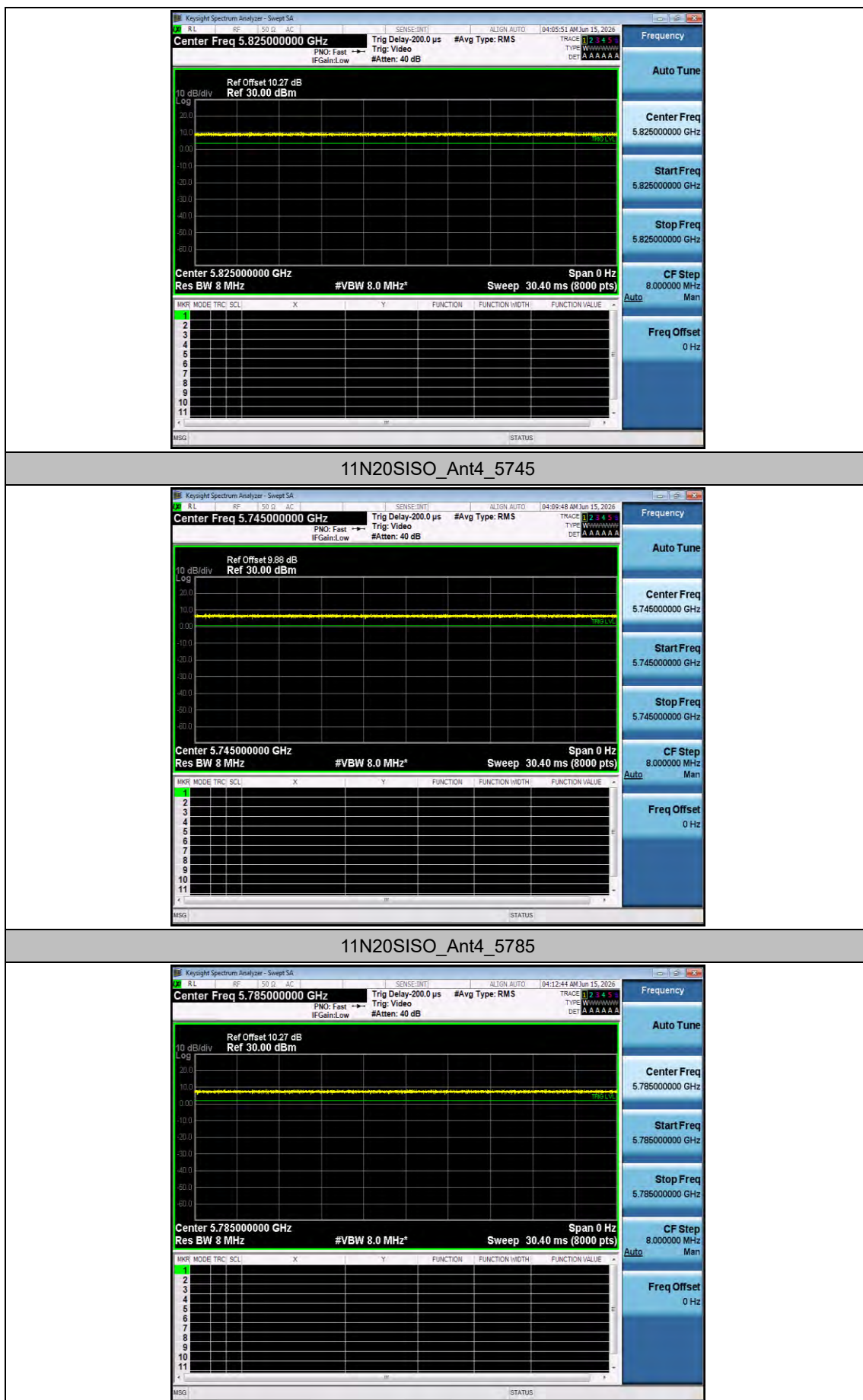
Appendix C.3: Duty Cycle

Test Result

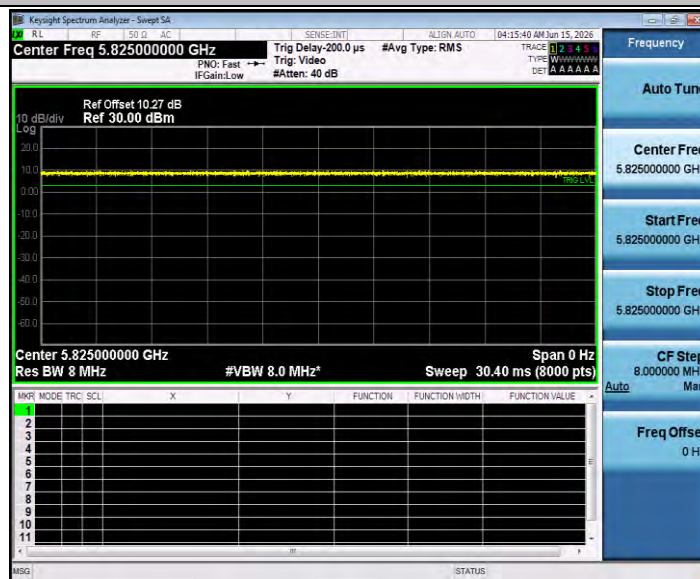
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant4	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant4	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant4	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant4	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11AC40SISO	Ant4	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant4	5775	30.00	30.00	100.00	0.00	0.03

Test Graphs

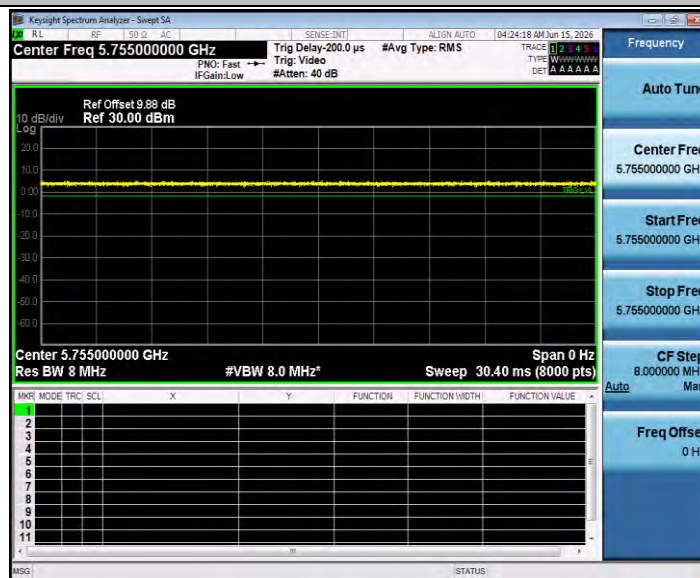




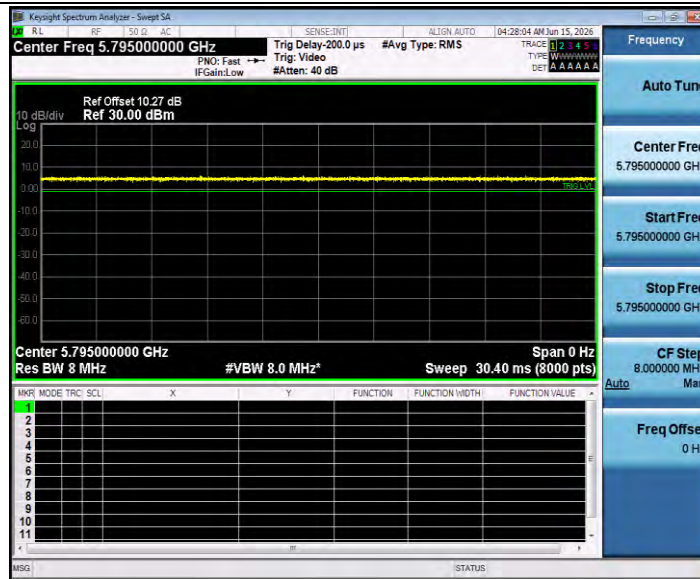
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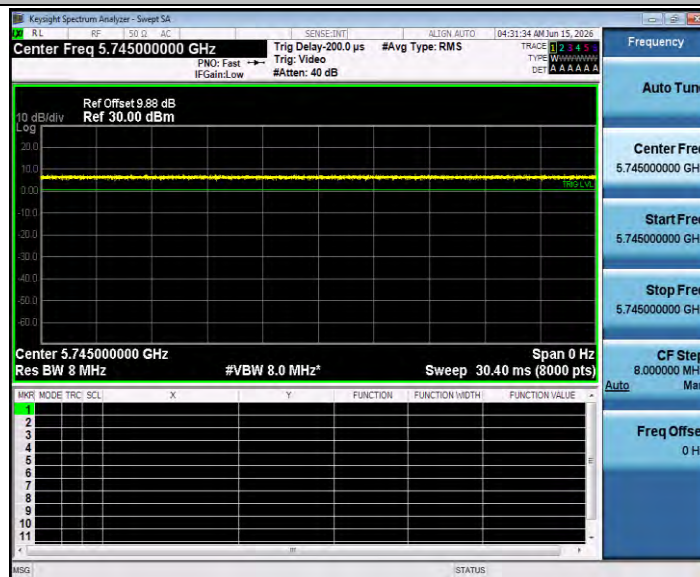
11N40SISO_Ant4_5755



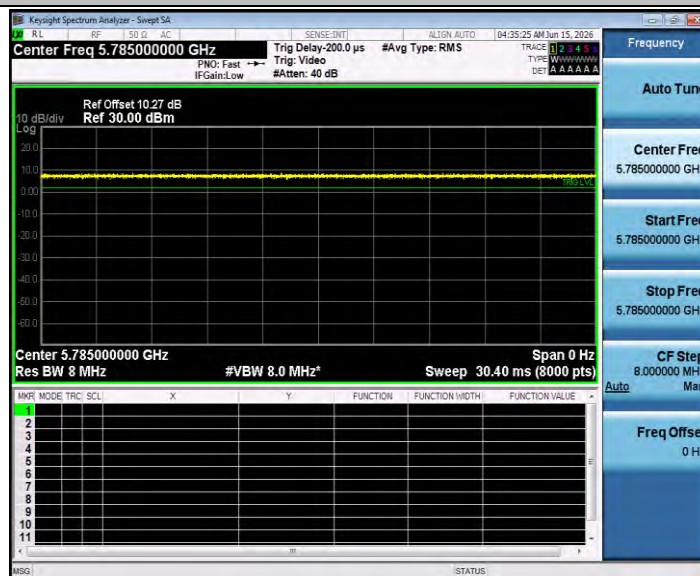
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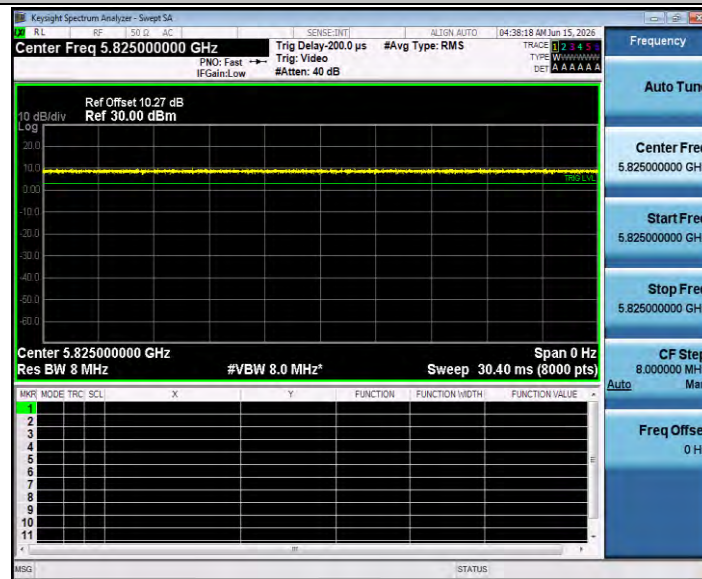
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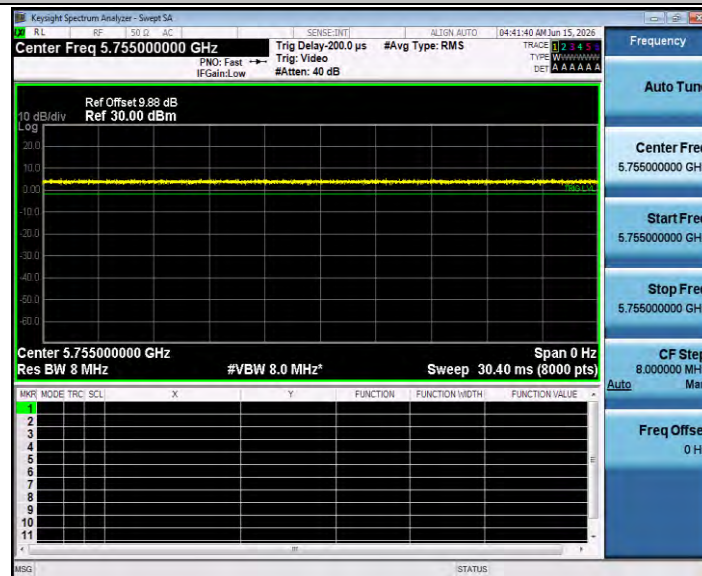
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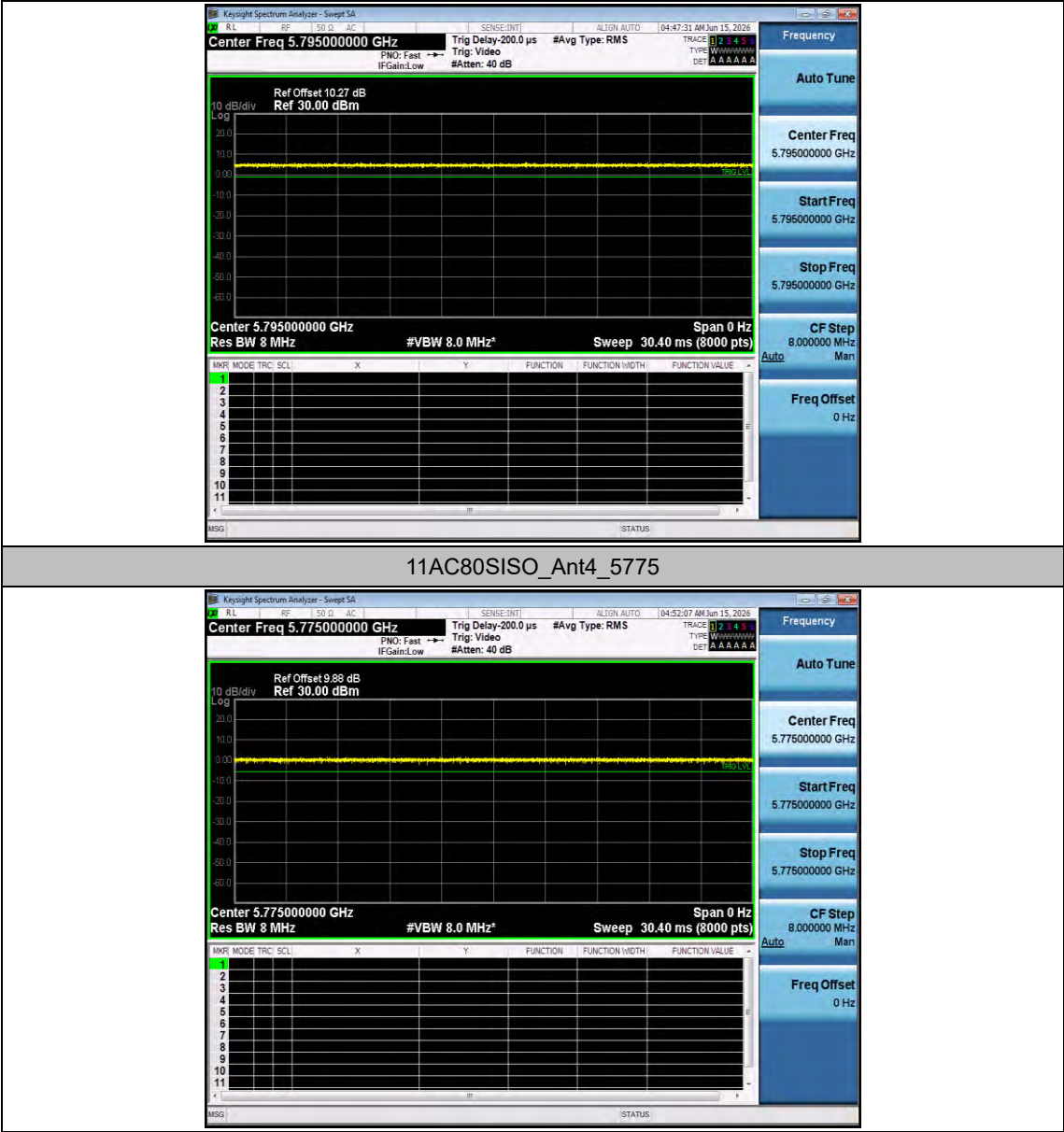
11AC20SISO_Ant4_5825



11AC40SISO_Ant4_5755



11AC40SISO_Ant4_5795



Appendix C.4: Maximum conducted output power

Test Result

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant4	5745	9.93	100.00	0.00	9.93	≤30.00	PASS
		5785	11.08	100.00	0.00	11.08	≤30.00	PASS
		5825	12.46	100.00	0.00	12.46	≤30.00	PASS
11N20SISO	Ant4	5745	9.97	100.00	0.00	9.97	≤30.00	PASS
		5785	11.02	100.00	0.00	11.02	≤30.00	PASS
		5825	12.39	100.00	0.00	12.39	≤30.00	PASS
11N40SISO	Ant4	5755	10.62	100.00	0.00	10.62	≤30.00	PASS
		5795	11.59	100.00	0.00	11.59	≤30.00	PASS
11AC20SISO	Ant4	5745	9.95	100.00	0.00	9.95	≤30.00	PASS
		5785	11.01	100.00	0.00	11.01	≤30.00	PASS
		5825	12.44	100.00	0.00	12.44	≤30.00	PASS
11AC40SISO	Ant4	5755	10.48	100.00	0.00	10.48	≤30.00	PASS
		5795	11.51	100.00	0.00	11.51	≤30.00	PASS
11AC80SISO	Ant4	5775	10.56	100.00	0.00	10.56	≤30.00	PASS

Appendix C.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant4	5745	-4.02	≤30.00	PASS
		5785	-3.09	≤30.00	PASS
		5825	-2.02	≤30.00	PASS
11N20SISO	Ant4	5745	-4.25	≤30.00	PASS
		5785	-3.29	≤30.00	PASS
		5825	-2.16	≤30.00	PASS
11N40SISO	Ant4	5755	-6.83	≤30.00	PASS
		5795	-5.75	≤30.00	PASS
11AC20SISO	Ant4	5745	-4.24	≤30.00	PASS
		5785	-3.36	≤30.00	PASS
		5825	-2.23	≤30.00	PASS
11AC40SISO	Ant4	5755	-6.78	≤30.00	PASS
		5795	-5.77	≤30.00	PASS
11AC80SISO	Ant4	5775	-9.01	≤30.00	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

11A_Ant4_5745



11A_Ant4_5785



11A_Ant4_5825



11N20SISO_Ant4_5745



11N20SISO_Ant4_5785



11N20SISO_Ant4_5825



11N40SISO_Ant4_5755



11N40SISO_Ant4_5795



11AC20SISO_Ant4_5745



11AC20SISO_Ant4_5785



11AC20SISO_Ant4_5825



11AC40SISO_Ant4_5755



11AC40SISO_Ant4_5795

Keysight Spectrum Analyzer - Sweep 54

RF 50.0 AC ALIGN AUTO 04:52:34 AM Jun 15, 2026

Center Freq 5.775000000 GHz

PNO: Fast Trg: Free Run #Avg Type: RMS

IFGain: Low #Atten: 30 dB Avg/Hold: 5/5

TRACE 1 2 3 4 5

TYPE M W W W W W W

DET A A A A A A A

Frequency

Auto Tune

Center Freq 5.775000000 GHz

Start Freq 5.895000000 GHz

Stop Freq 5.855000000 GHz

CF Step 16.000000 MHz

Auto Man

Freq Offset 0 Hz

10 dB/div

Ref Offset 12.1 dB

Ref 20.00 dBm

Mkr1 5.792 76 GHz

-9.008 dBm

Center 5.77500 GHz

#Res BW 300 kHz

#VBW 910 kHz

Span 160.0 MHz

#Sweep 1,000 s (1001 pts)

MSO STATUS

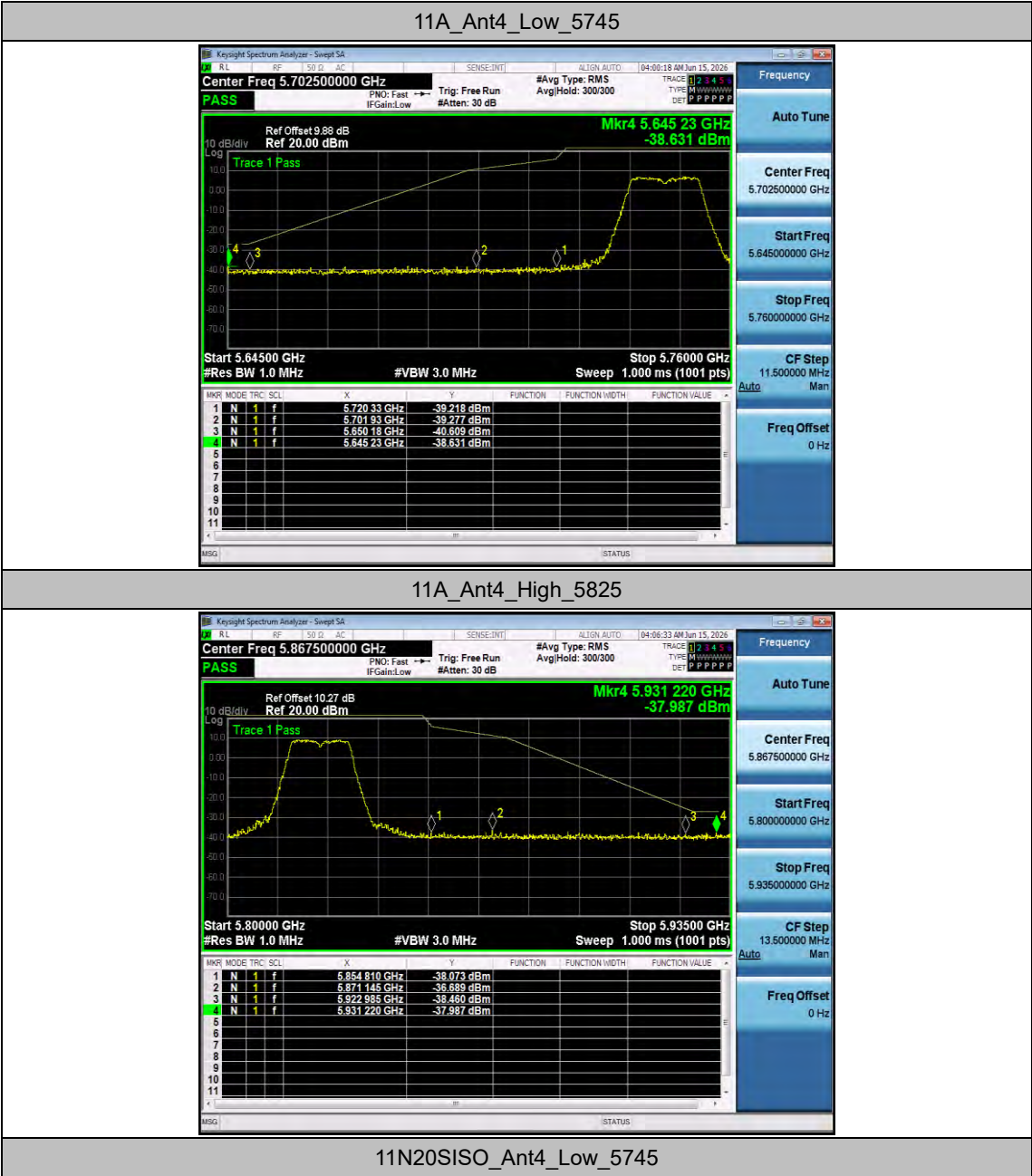
Appendix C.6:Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant4	Low	5745	5650~5700	-40.61	≤-26.87	PASS
				5700~5720	-39.28	≤10.54	PASS
				5720~5725	-39.22	≤16.34	PASS
				5760~5650	-38.63	≤-27	PASS
		High	5825	5850~5855	-38.07	≤16.03	PASS
				5855~5875	-36.69	≤11.08	PASS
				5875~5925	-38.46	≤-25.51	PASS
				5925~5935	-37.99	≤-27	PASS
11N20SI SO	Ant4	Low	5745	5650~5700	-40.63	≤-26.87	PASS
				5700~5720	-38.81	≤10.06	PASS
				5720~5725	-39.38	≤15.82	PASS
				5760~5650	-39.63	≤-27	PASS
		High	5825	5850~5855	-38.45	≤16.03	PASS
				5855~5875	-38.83	≤10.10	PASS
				5875~5925	-38.77	≤-26.81	PASS
				5925~5935	-38	≤-27	PASS
11N40SI SO	Ant4	Low	5755	5650~5700	-40.23	≤-26.90	PASS
				5700~5720	-38.02	≤11.35	PASS
				5720~5725	-36.14	≤18.20	PASS
				5780~5650	-38.84	≤-27	PASS
		High	5795	5850~5855	-39.07	≤15.66	PASS
				5855~5875	-37.47	≤10.34	PASS
				5875~5925	-38.94	≤-26.71	PASS
				5925~5935	-37.65	≤-27	PASS
11AC20S ISO	Ant4	Low	5745	5650~5700	-40.63	≤-26.96	PASS
				5700~5720	-38.82	≤10.51	PASS
				5720~5725	-39.45	≤15.82	PASS
				5760~5650	-39.28	≤-27	PASS
		High	5825	5850~5855	-37.21	≤16.34	PASS
				5855~5875	-39.23	≤10.10	PASS
				5875~5925	-38.26	≤-26.31	PASS
				5925~5935	-38.79	≤-27	PASS
11AC40S ISO	Ant4	Low	5755	5650~5700	-40.42	≤-26.70	PASS
				5700~5720	-39.14	≤10.44	PASS
				5720~5725	-38	≤16.66	PASS
				5780~5650	-39.15	≤-27	PASS

		High	5795	5850~5855	-38.23	≤ 16.41	PASS
				5855~5875	-38.85	≤ 10.06	PASS
				5875~5925	-37.97	≤ -25.49	PASS
				5925~5935	-37.99	≤ -27	PASS
11AC80S ISO	Ant4	Low	5775	5650~5700	-40.49	≤ -26.91	PASS
				5700~5720	-37.26	≤ 10.44	PASS
				5720~5725	-37.32	≤ 15.65	PASS
				5800~5650	-39.91	≤ -27	PASS
		High	5775	5850~5855	-38.64	≤ 15.84	PASS
				5855~5875	-38.15	≤ 10.76	PASS
				5875~5925	-40.41	≤ -26.87	PASS
				5925~5935	-38.53	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant4_High_5825



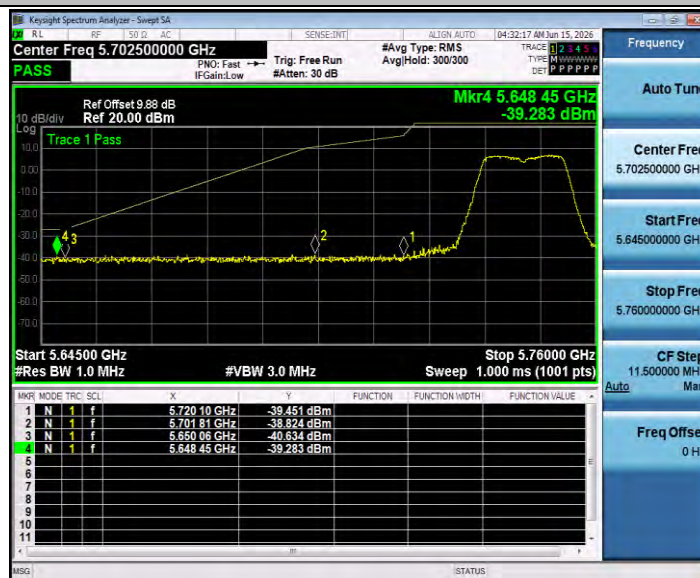
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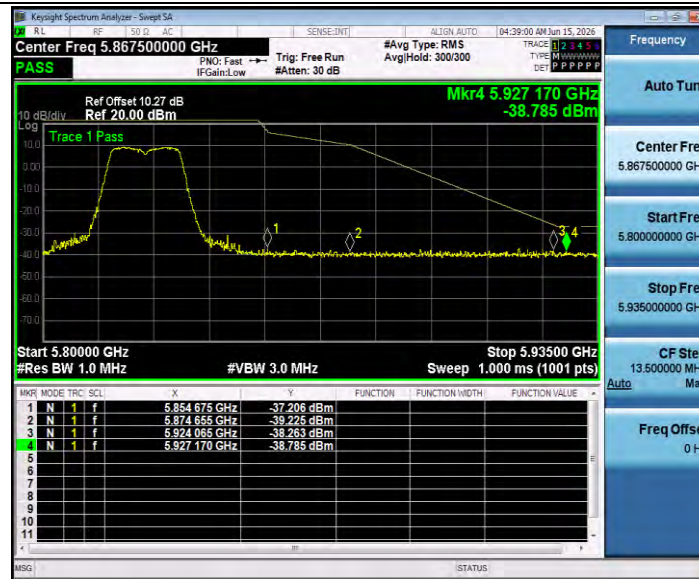
11N40SISO_Ant4_High_5795



11AC20SISO_Ant4_Low_5745



11AC20SISO_Ant4_High_5825



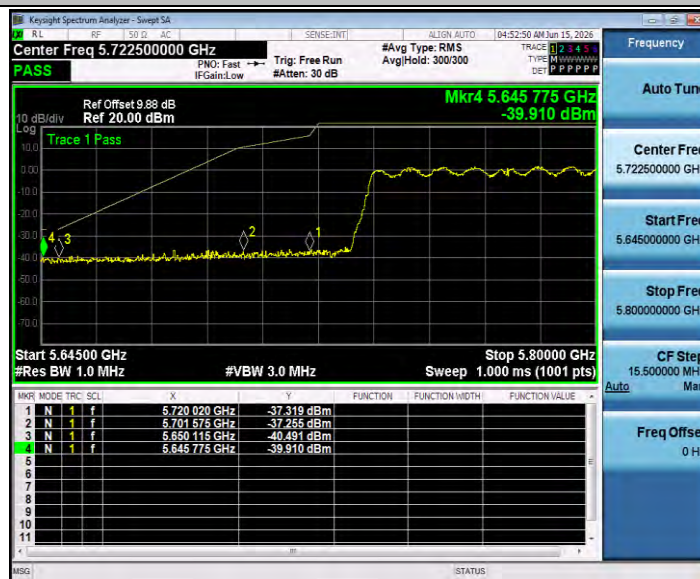
11AC40SISO_Ant4_Low_5755



11AC40SISO_Ant4_High_5795



11AC80SISO_Ant4_Low_5775



11AC80SISO_Ant4_High_5775

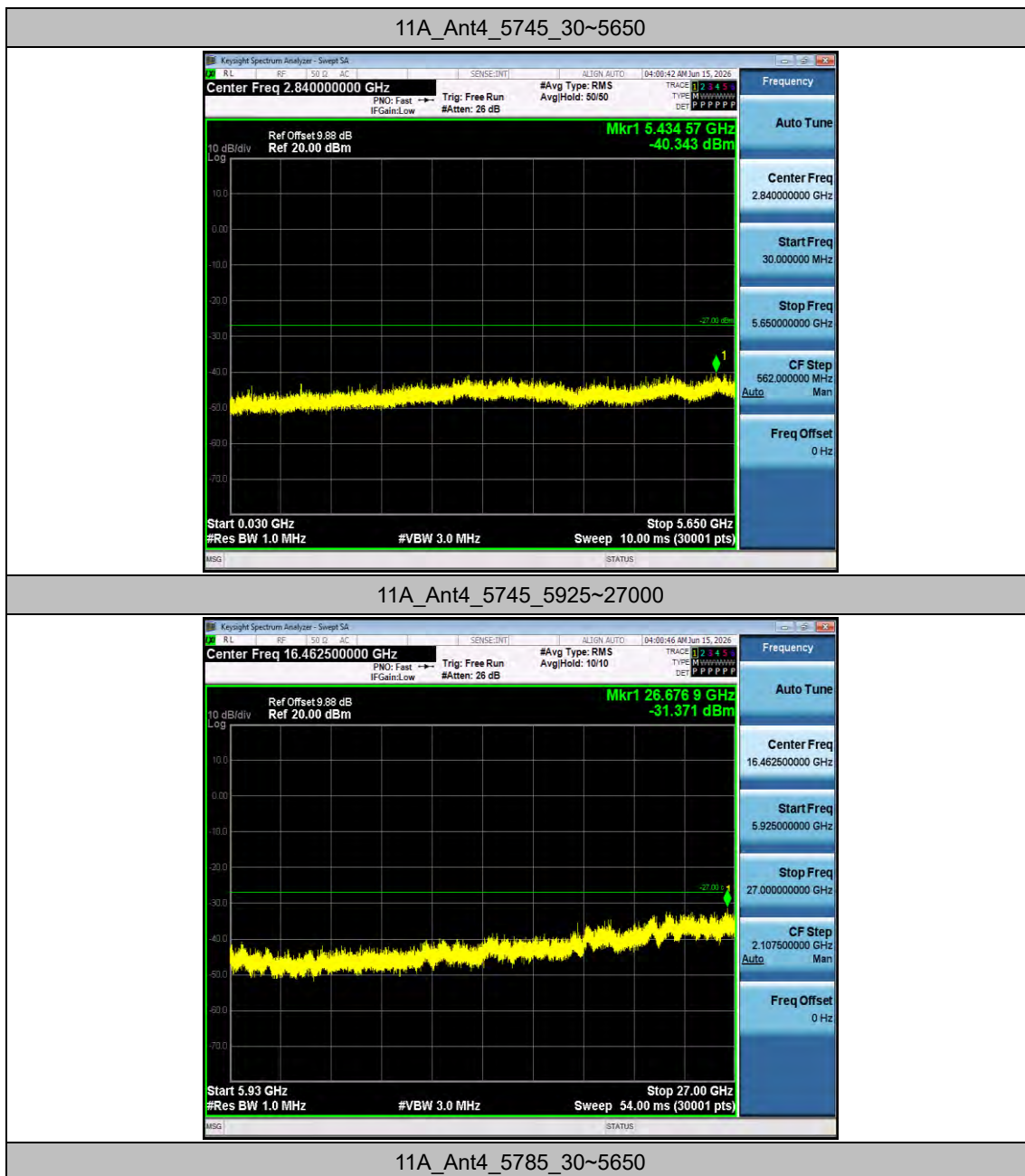


Appendix C.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant4	5745	30~5650	5434.57	-40.34	≤-27	PASS
			5925~27000	26676.85	-31.37	≤-27	PASS
		5785	30~5650	5513.43	-40.44	≤-27	PASS
			5925~27000	26533.54	-30.87	≤-27	PASS
		5825	30~5650	5520.37	-39.35	≤-27	PASS
			5925~27000	24806.8	-30.42	≤-27	PASS
11N20SISO	Ant4	5745	30~5650	5037.23	-40.29	≤-27	PASS
			5925~27000	24269.38	-31.37	≤-27	PASS
		5785	30~5650	5404.59	-39.5	≤-27	PASS
			5925~27000	26515.98	-31.02	≤-27	PASS
		5825	30~5650	4998.08	-39.66	≤-27	PASS
			5925~27000	24258.85	-32.14	≤-27	PASS
11N40SISO	Ant4	5755	30~5650	5505.75	-40.54	≤-27	PASS
			5925~27000	26591.15	-31.86	≤-27	PASS
		5795	30~5650	2651.36	-39.72	≤-27	PASS
			5925~27000	25131.35	-31.58	≤-27	PASS
11AC20SISO	Ant4	5745	30~5650	2804.97	-40.85	≤-27	PASS
			5925~27000	26724.62	-31.41	≤-27	PASS
		5785	30~5650	3144.79	-40.26	≤-27	PASS
			5925~27000	24822.25	-31.19	≤-27	PASS
		5825	30~5650	5412.27	-39.82	≤-27	PASS
			5925~27000	24205.46	-31.61	≤-27	PASS
11AC40SISO	Ant4	5755	30~5650	2371.48	-40.25	≤-27	PASS
			5925~27000	24256.74	-31.92	≤-27	PASS
		5795	30~5650	3076.79	-40.14	≤-27	PASS
			5925~27000	24746.38	-32.02	≤-27	PASS
11AC80SISO	Ant4	5775	30~5650	3089.53	-40.61	≤-27	PASS
			5925~27000	26919.21	-32.71	≤-27	PASS

Test Graphs





11A_Ant4_5785_5925~27000



11A_Ant4_5825_30~5650



11A_Ant4_5825_5925~27000



11N20SISO_Ant4_5745_30~5650



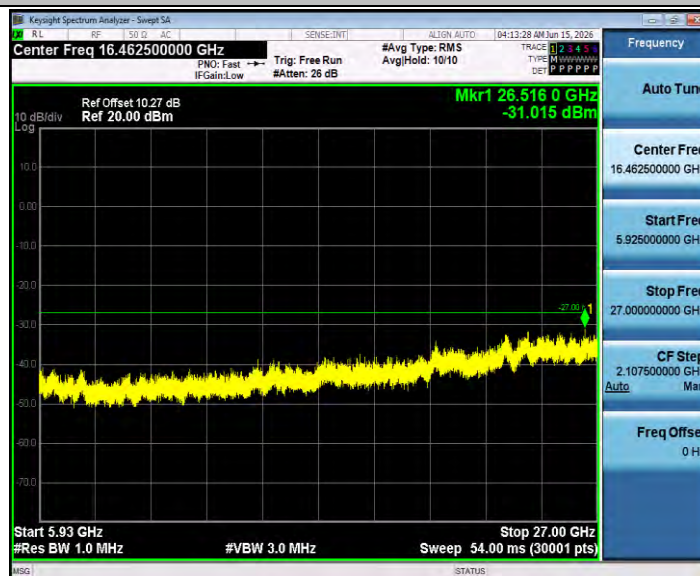
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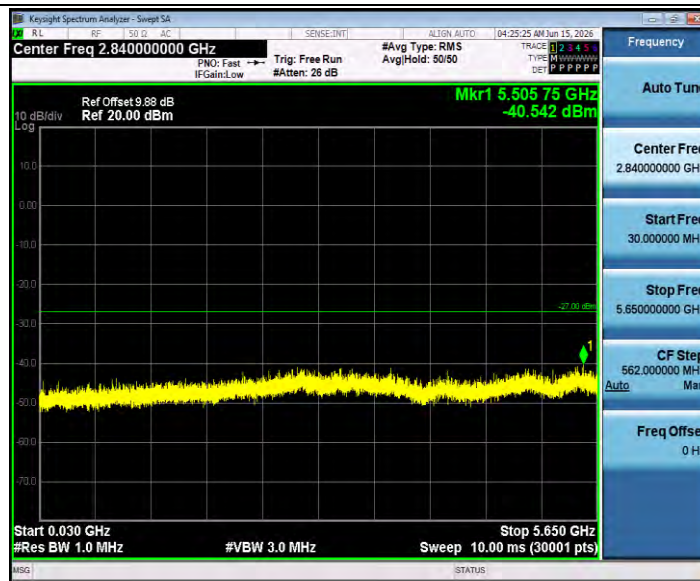
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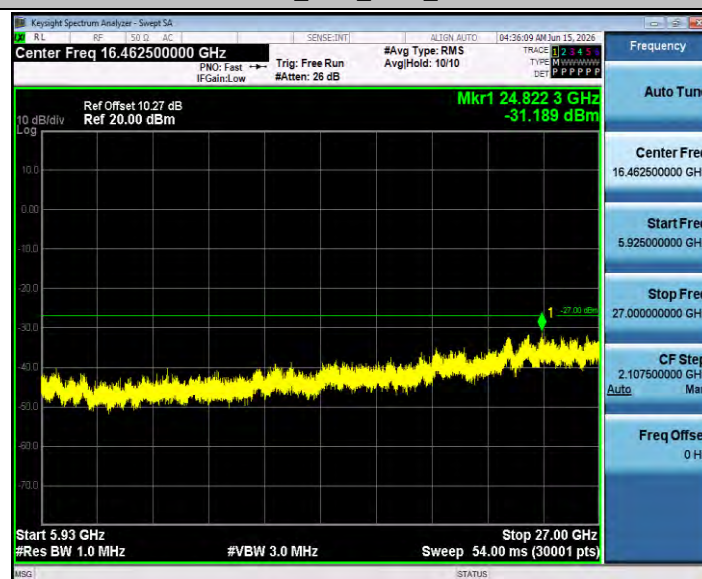
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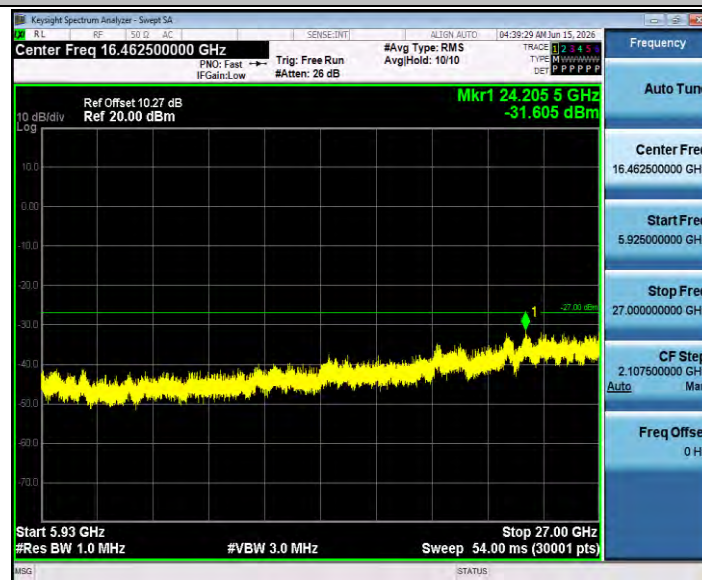
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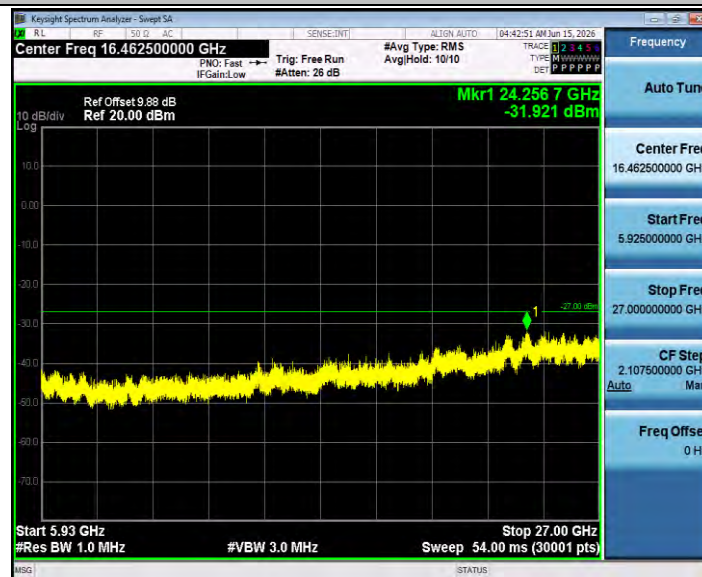
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11AC40SISO_Ant4_5795_5925~27000



11AC80SISO_Ant4_5775_30~5650



11AC80SISO_Ant4_5775_5925~27000

