

Case No. : <u>GTS20260115008-1-04</u>
Ambient Condition: <u>22</u> °C, <u>54</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.2.25-2026.3.16</u> Test Engineer: <u>Evan ouyang</u>

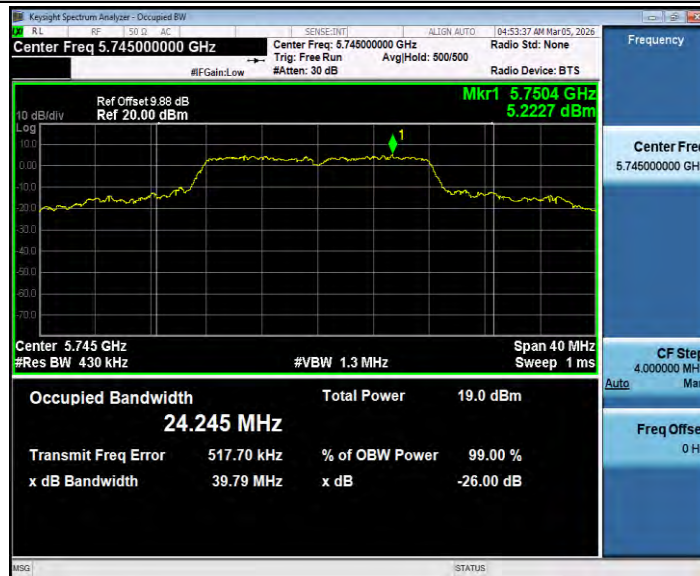
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	24.245	5733.3952	5757.6402	---	---
		5785	19.814	5775.3016	5795.1156	---	---
		5825	17.414	5816.1455	5833.5595	---	---
11N20SISO	Ant1	5745	25.479	5732.9458	5758.4248	---	---
		5785	20.394	5775.0504	5795.4444	---	---
		5825	18.122	5815.8565	5833.9785	---	---
11N40SISO	Ant1	5755	46.131	5733.4109	5779.5419	---	---
		5795	38.055	5776.0479	5814.1029	---	---
11AC20SISO	Ant1	5745	25.962	5732.4876	5758.4496	---	---
		5785	20.372	5775.1653	5795.5373	---	---
		5825	18.252	5815.8070	5834.0590	---	---
11AC40SISO	Ant1	5755	44.076	5734.5952	5778.6712	---	---
		5795	36.925	5776.5401	5813.4651	---	---
11AC80SISO	Ant1	5775	76.633	5736.9080	5813.5410	---	---

Test Graphs

11A_Ant1_5745



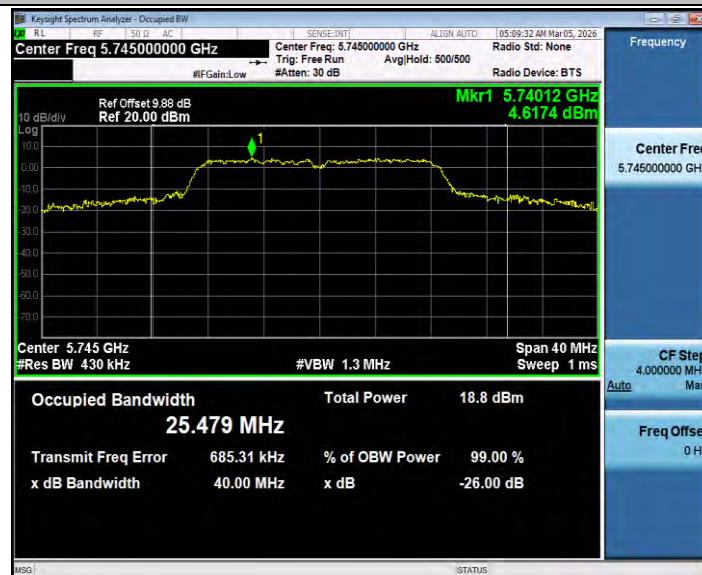
11A_Ant1_5785



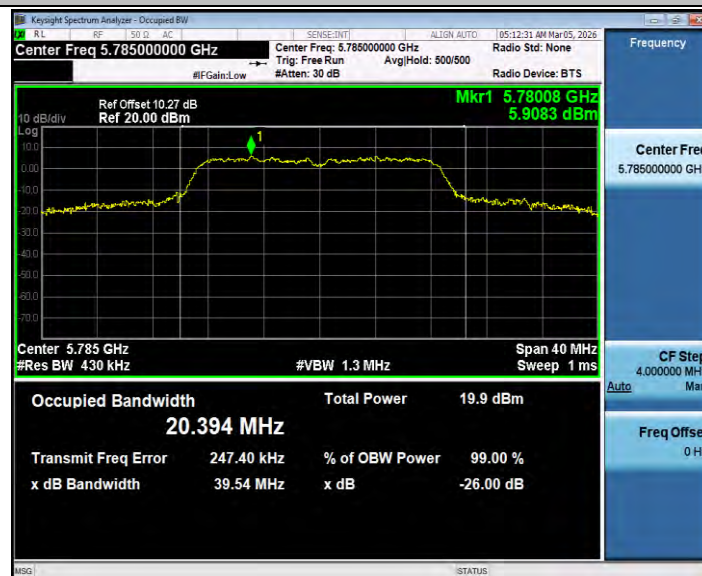
11A_Ant1_5825



11N20SISO_Ant1_5745



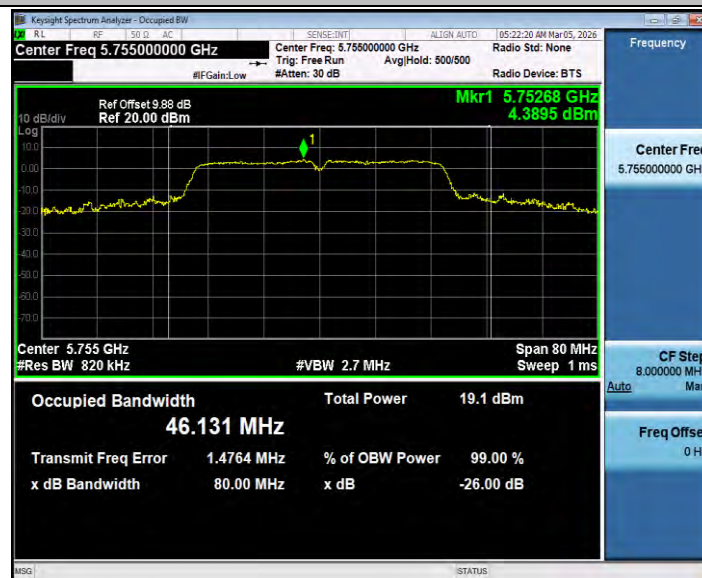
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



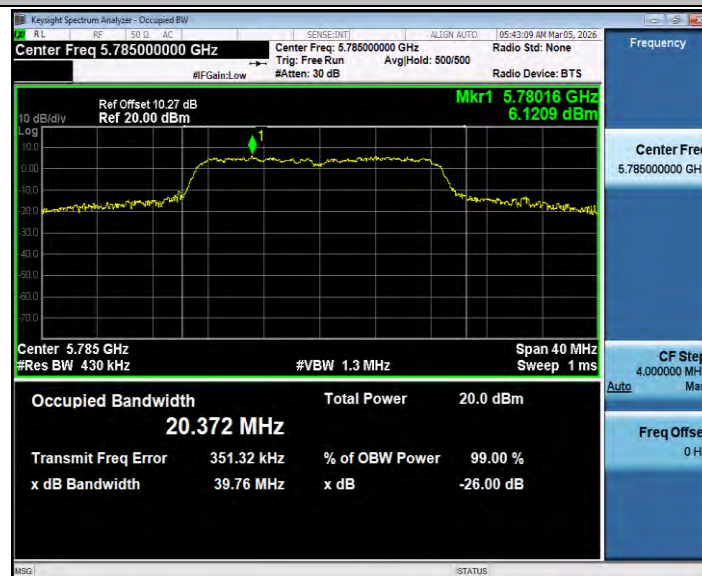
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11AC20SISO_Ant1_5745



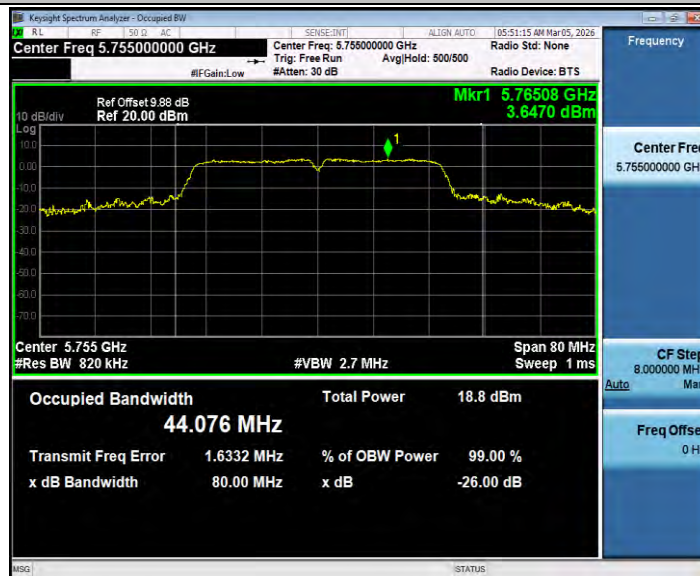
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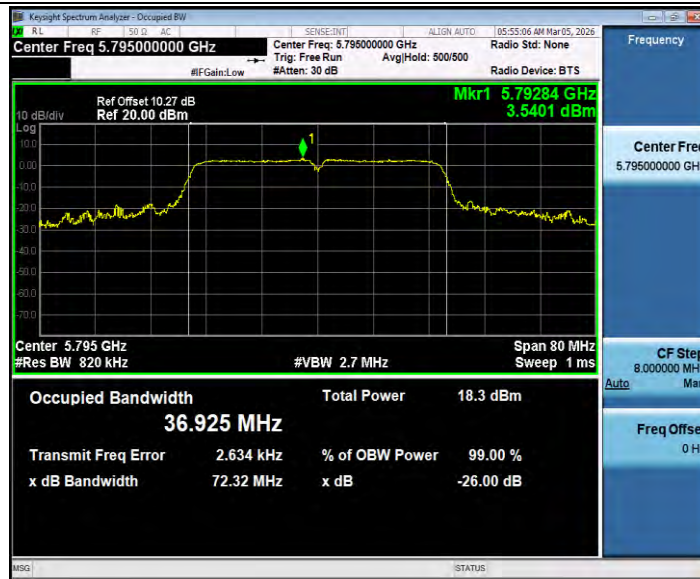
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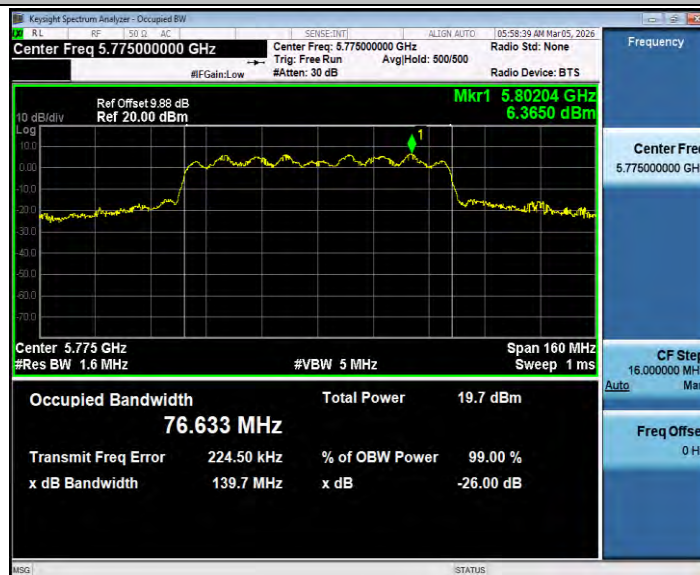
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix E.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.480	5736.720	5753.200	0.5	PASS
		5785	16.520	5776.680	5793.200	0.5	PASS
		5825	16.520	5816.680	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.120	5753.800	0.5	PASS
		5785	17.640	5776.120	5793.760	0.5	PASS
		5825	17.640	5816.120	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.640	5736.120	5753.760	0.5	PASS
		5785	17.640	5776.120	5793.760	0.5	PASS
		5825	17.640	5816.120	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.760	5773.080	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC80SISO	Ant1	5775	75.520	5737.240	5812.760	0.5	PASS

Test Graphs B4

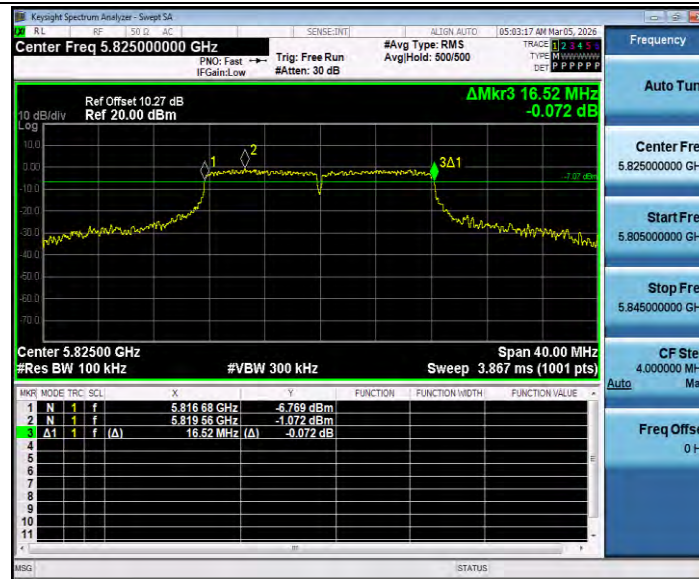
11A_Ant1_5745



11A_Ant1_5785



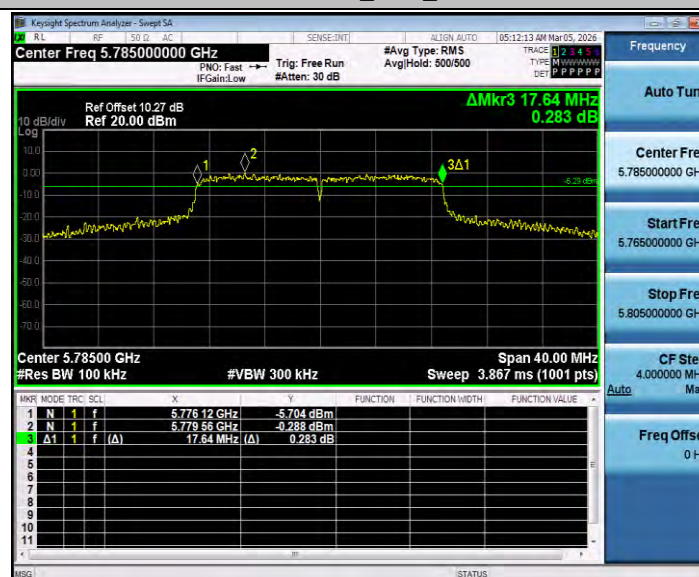
11A_Ant1_5825

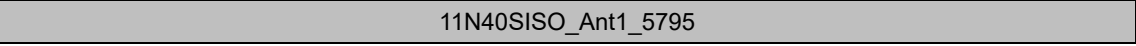
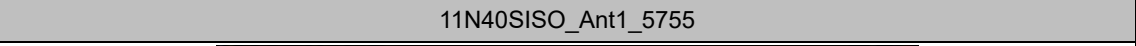


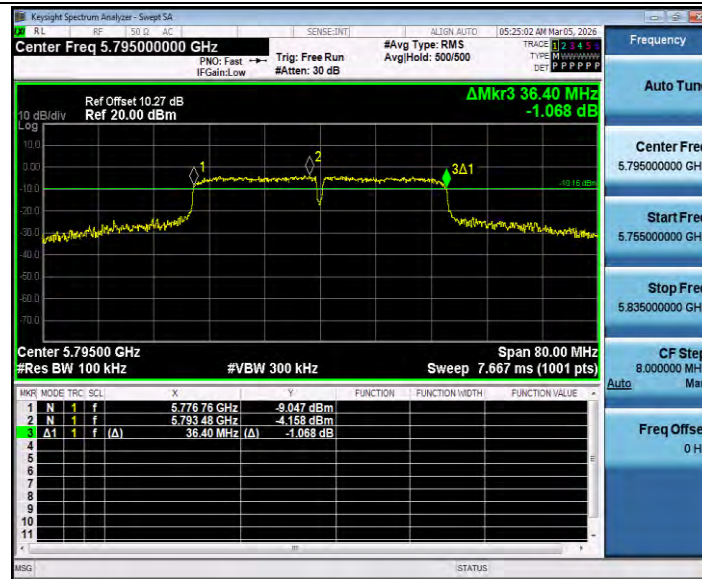
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785







11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



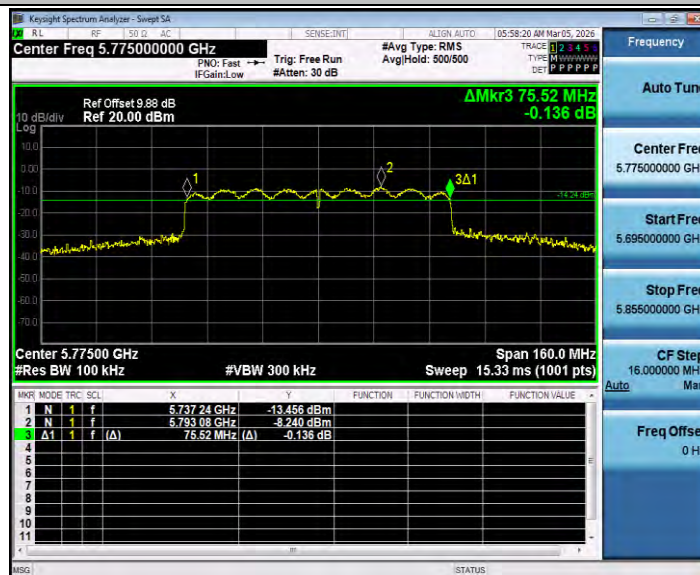
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



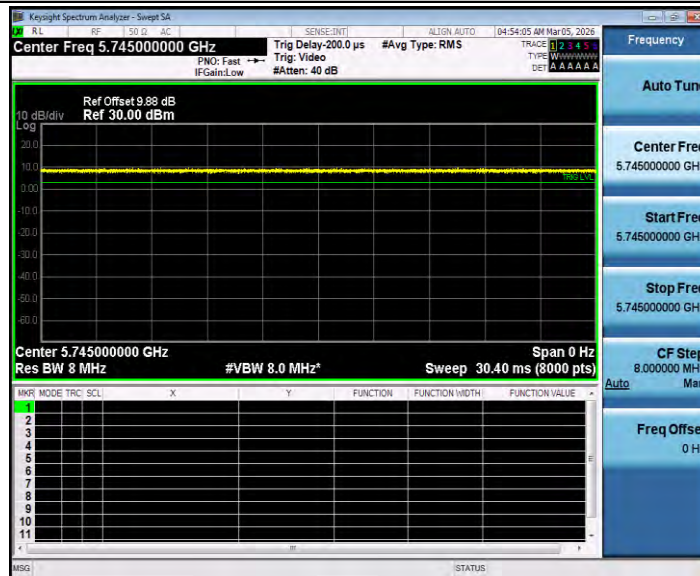
Appendix E.3: Duty Cycle

Test Result

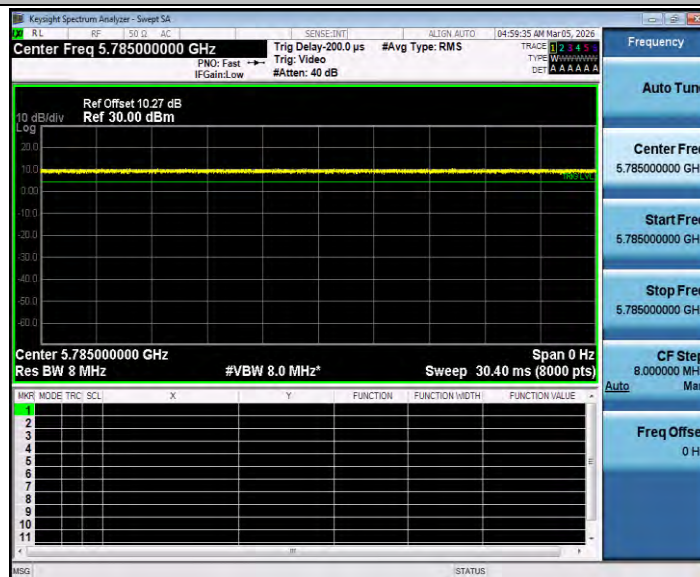
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant1	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant1	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	Ant1	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant1	5775	30.00	30.00	100.00	0.00	0.03

Test Graphs

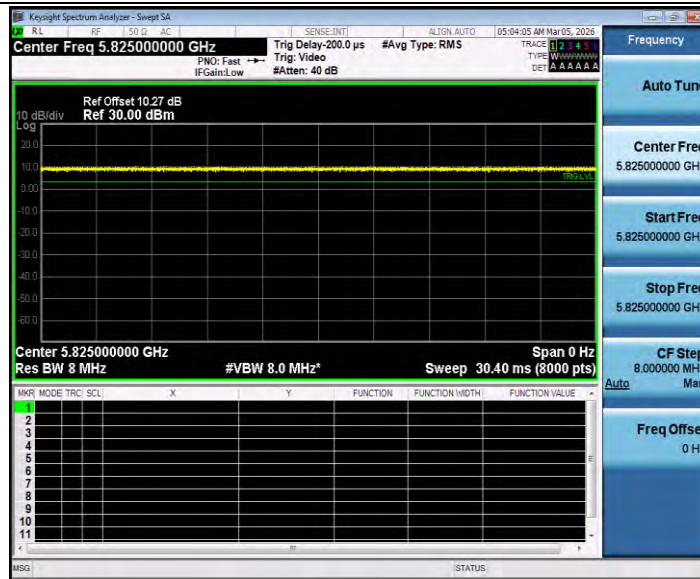
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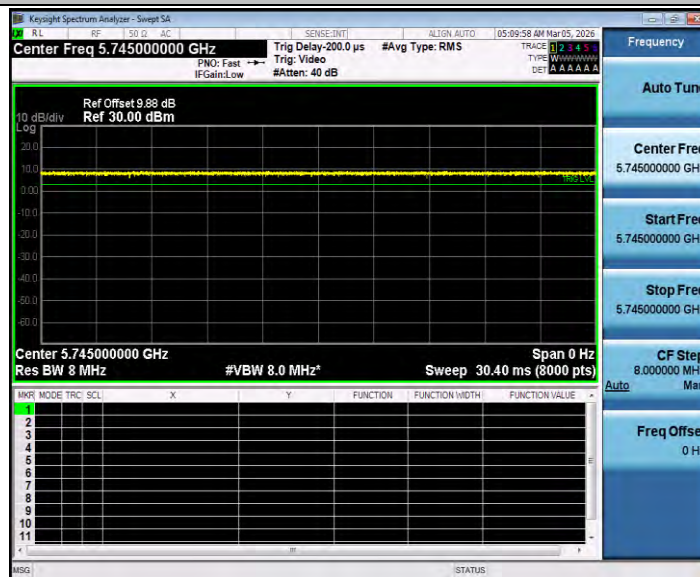
11A_Ant1_5785



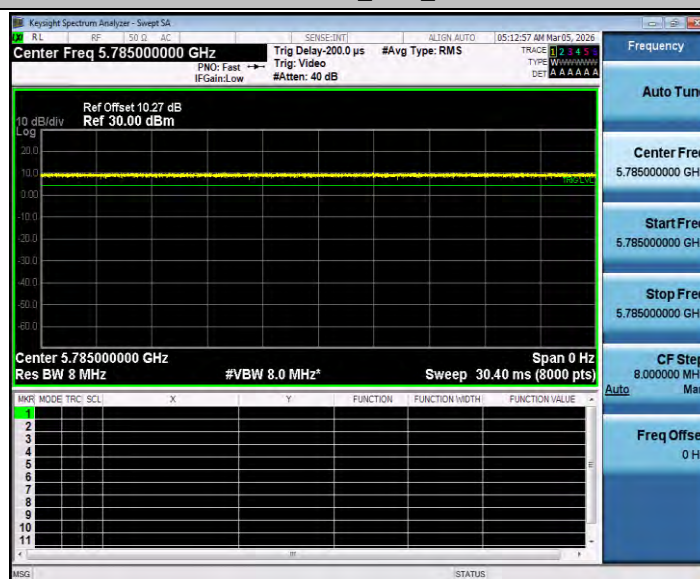
11A_Ant1_5825



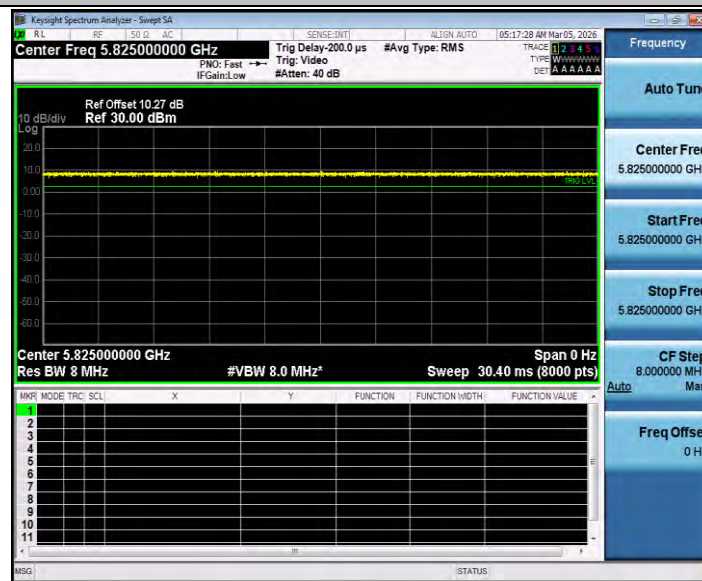
11N20SISO_Ant1_5745



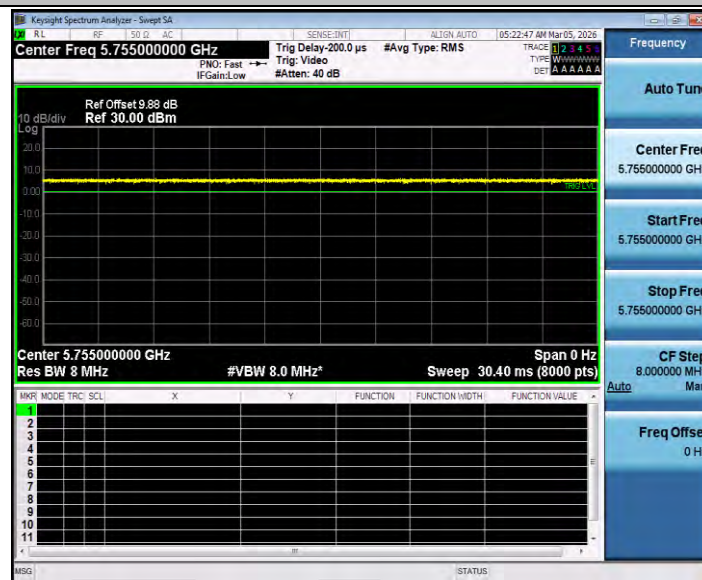
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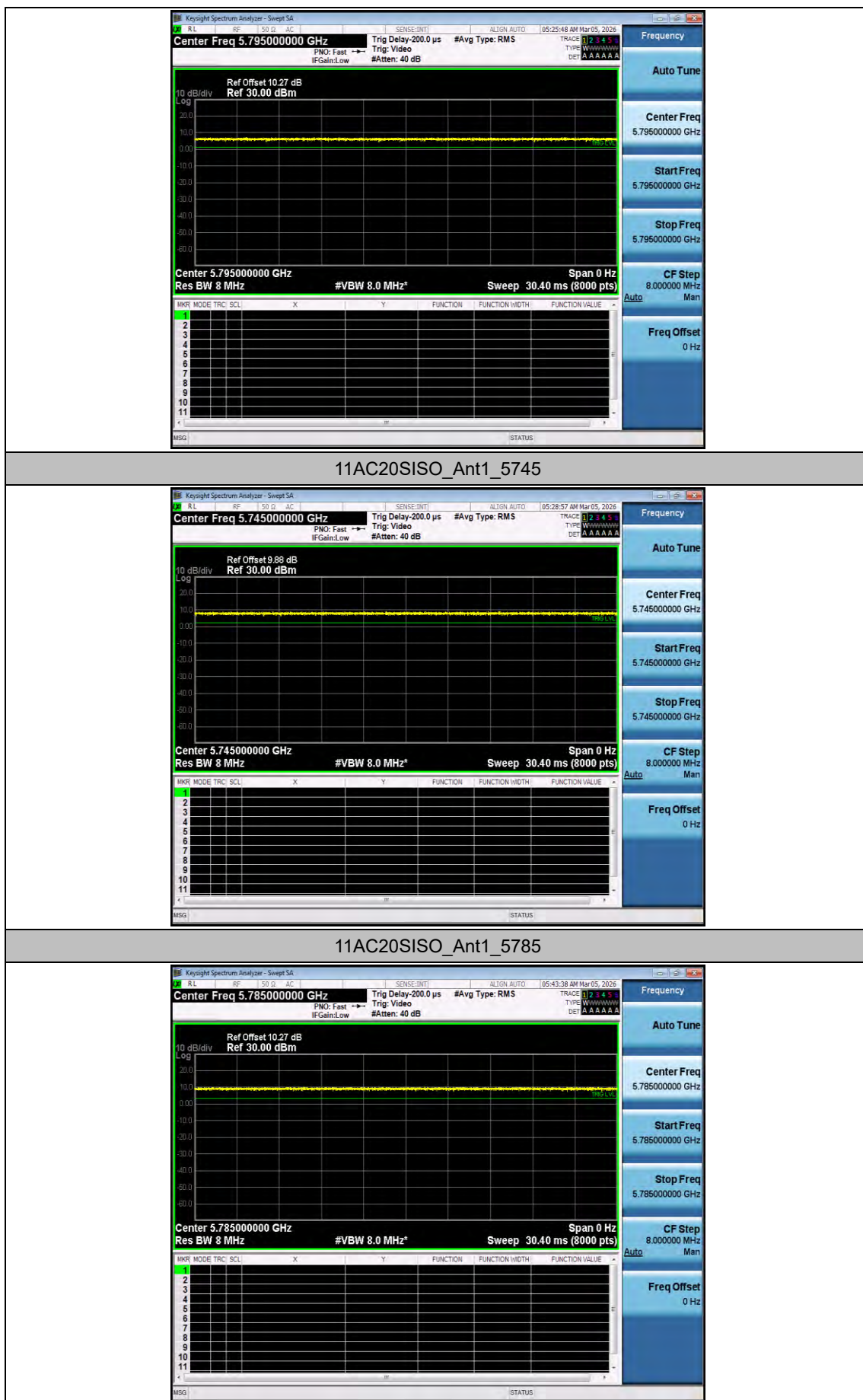
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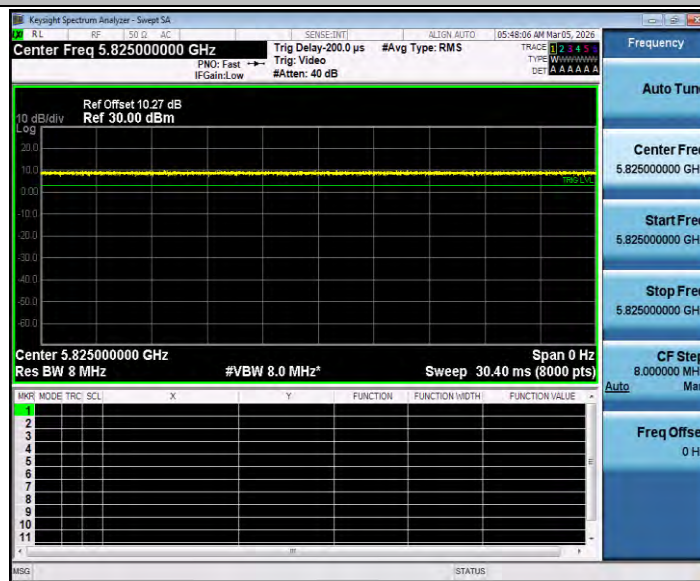
11N40SISO_Ant1_5755



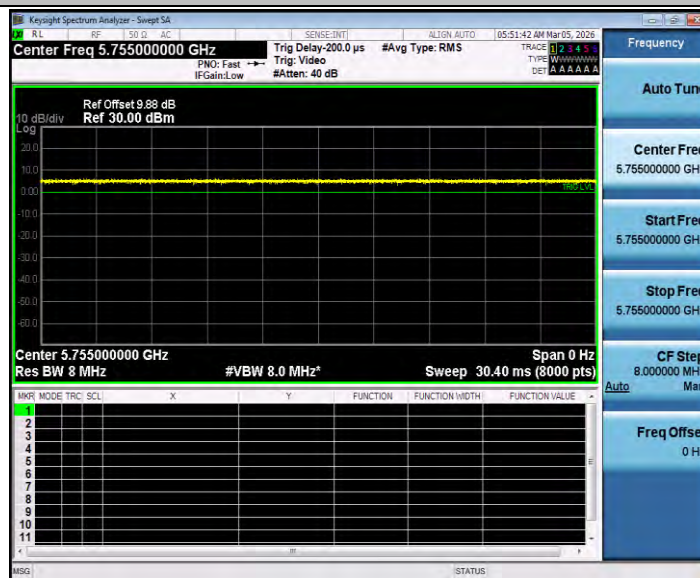
11N40SISO_Ant1_5795



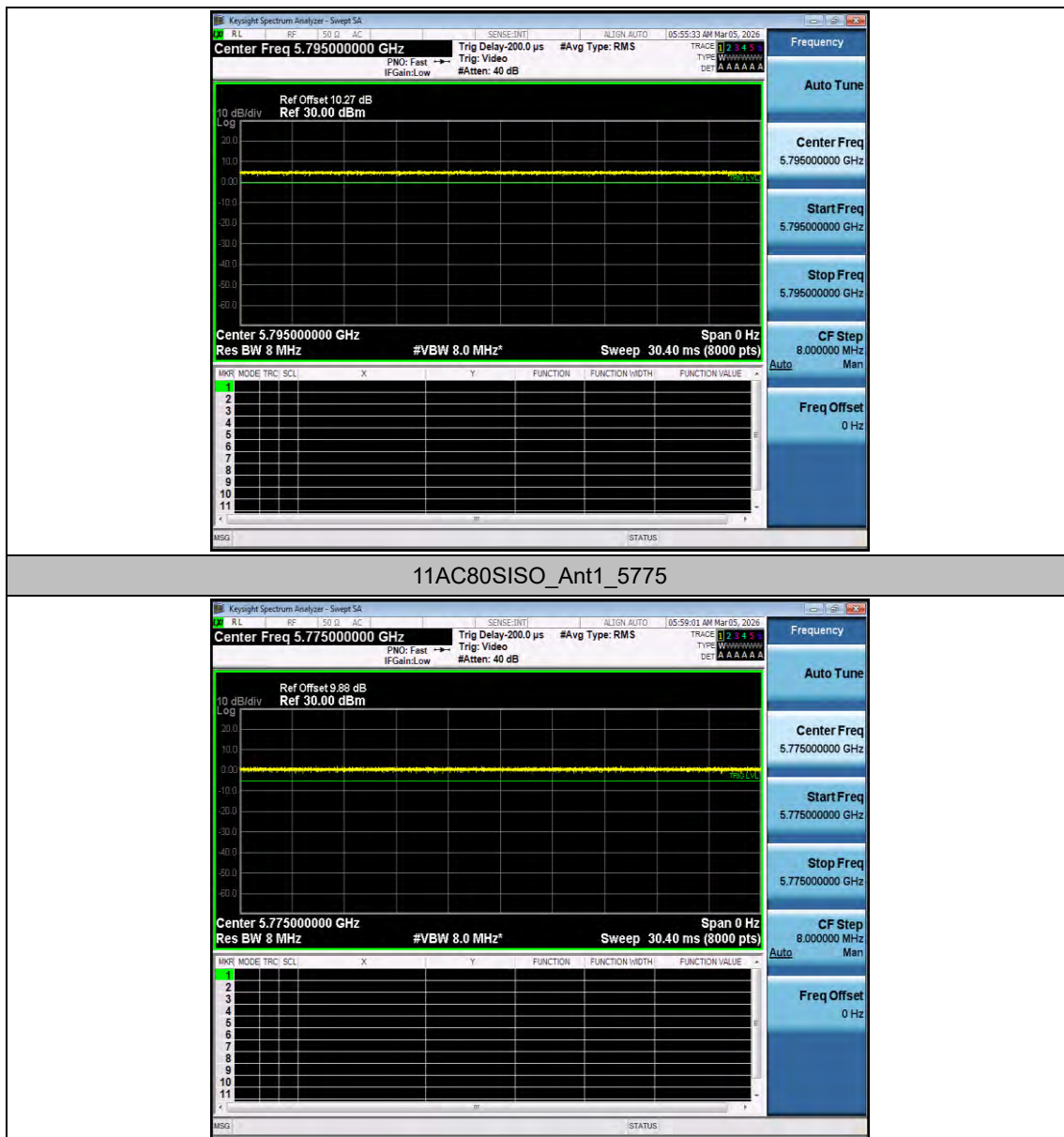
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	12.49	100.00	0.00	12.49	≤30.00	PASS
		5785	13.05	100.00	0.00	13.05	≤30.00	PASS
		5825	12.92	100.00	0.00	12.92	≤30.00	PASS
11N20SISO	Ant1	5745	12.16	100.00	0.00	12.16	≤30.00	PASS
		5785	13.19	100.00	0.00	13.19	≤30.00	PASS
		5825	12.27	100.00	0.00	12.27	≤30.00	PASS
11N40SISO	Ant1	5755	11.86	100.00	0.00	11.86	≤30.00	PASS
		5795	12.65	100.00	0.00	12.65	≤30.00	PASS
11AC20SISO	Ant1	5745	11.95	100.00	0.00	11.95	≤30.00	PASS
		5785	13.32	100.00	0.00	13.32	≤30.00	PASS
		5825	12.62	100.00	0.00	12.62	≤30.00	PASS
11AC40SISO	Ant1	5755	11.52	100.00	0.00	11.52	≤30.00	PASS
		5795	11.10	100.00	0.00	11.10	≤30.00	PASS
11AC80SISO	Ant1	5775	10.75	100.00	0.00	10.75	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.34	≤30.00	PASS
		5785	-1.64	≤30.00	PASS
		5825	-1.60	≤30.00	PASS
11N20SISO	Ant1	5745	-2.44	≤30.00	PASS
		5785	-1.58	≤30.00	PASS
		5825	-2.37	≤30.00	PASS
11N40SISO	Ant1	5755	-5.70	≤30.00	PASS
		5795	-4.93	≤30.00	PASS
11AC20SISO	Ant1	5745	-2.60	≤30.00	PASS
		5785	-1.60	≤30.00	PASS
		5825	-1.94	≤30.00	PASS
11AC40SISO	Ant1	5755	-6.00	≤30.00	PASS
		5795	-6.43	≤30.00	PASS
11AC80SISO	Ant1	5775	-8.54	≤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_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix E.6:Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-40.02	≤-26.19	PASS
				5700~5720	-24.06	≤15.37	PASS
				5720~5725	-18.27	≤21.85	PASS
				5760~5650	-40.12	≤-27	PASS
		High	5825	5850~5855	-36.03	≤15.73	PASS
				5855~5875	-39.04	≤10.21	PASS
				5875~5925	-39.73	≤-26.91	PASS
				5925~5935	-38.3	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.46	≤-26.02	PASS
				5700~5720	-23.05	≤14.53	PASS
				5720~5725	-15.08	≤21.58	PASS
				5760~5650	-39.36	≤-27	PASS
		High	5825	5850~5855	-36.53	≤16.96	PASS
				5855~5875	-37.7	≤10.40	PASS
				5875~5925	-38.99	≤-26.91	PASS
				5925~5935	-37.63	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-39.78	≤-26.70	PASS
				5700~5720	-18.23	≤14.26	PASS
				5720~5725	-16.37	≤17.89	PASS
				5780~5650	-39.01	≤-27	PASS
		High	5795	5850~5855	-34.27	≤16.41	PASS
				5855~5875	-37.95	≤11.36	PASS
				5875~5925	-40.47	≤-26.95	PASS
				5925~5935	-38.15	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.79	≤-26.19	PASS
				5700~5720	-21.02	≤15.56	PASS
				5720~5725	-20.43	≤16.34	PASS
				5760~5650	-39.32	≤-27	PASS
		High	5825	5850~5855	-36.25	≤15.73	PASS
				5855~5875	-38.75	≤10.10	PASS
				5875~5925	-38.48	≤-26.81	PASS
				5925~5935	-38.97	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-40.22	≤-26.70	PASS
				5700~5720	-17.87	≤14.71	PASS
				5720~5725	-18.65	≤15.74	PASS
				5780~5650	-38.12	≤-27	PASS

		High	5795	5850~5855	-37.47	≤ 16.03	PASS
				5855~5875	-38.18	≤ 10.53	PASS
				5875~5925	-37.71	≤ -26.71	PASS
				5925~5935	-37.62	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-37.22	≤ -25.88	PASS
				5700~5720	-24.24	≤ 11.57	PASS
				5720~5725	-24.25	≤ 16.35	PASS
				5800~5650	-36.12	≤ -27	PASS
		High	5775	5850~5855	-25.17	≤ 16.26	PASS
				5855~5875	-26.88	≤ 12.47	PASS
				5875~5925	-38.53	≤ -26.32	PASS
				5925~5935	-38.21	≤ -27	PASS

Test GraphsB4



11A_Ant1_High_5825

Frequency

Auto Tune

Center Freq 5.867500000 GHz

Start Freq 5.800000000 GHz

Stop Freq 5.935000000 GHz

CF Step 13.500000 MHz Auto

Freq Offset 0 Hz

11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



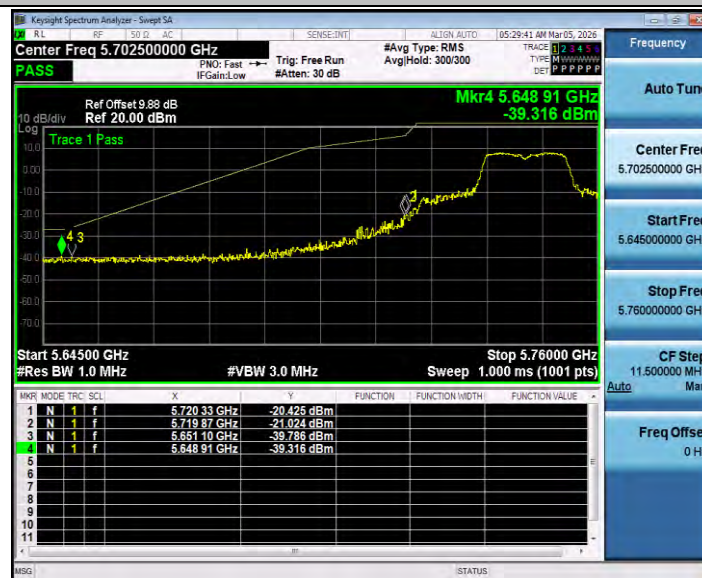
11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



11AC20SISO_Ant1_Low_5745



11AC20SISO_Ant1_High_5825



11AC40SISO_Ant1_Low_5755



11AC40SISO_Ant1_High_5795



11AC80SISO_Ant1_Low_5775



11AC80SISO_Ant1_High_5775



Appendix E.7:Conducted Spurious Emission

Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	2682.83	-40.35	≤-27	PASS
			5925~27000	24318.56	-32.1	≤-27	PASS
		5785	30~5650	5464.17	-39.84	≤-27	PASS
			5925~27000	24905.15	-31.34	≤-27	PASS
		5825	30~5650	3166.15	-40.21	≤-27	PASS
			5925~27000	24321.37	-30.98	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5445.62	-40.28	≤-27	PASS
			5925~27000	24269.38	-30.44	≤-27	PASS
		5785	30~5650	3111.26	-40.21	≤-27	PASS
			5925~27000	26855.29	-30.84	≤-27	PASS
		5825	30~5650	5478.59	-40.29	≤-27	PASS
			5925~27000	24289.76	-30.73	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	3417.74	-39.56	≤-27	PASS
			5925~27000	24197.73	-30.65	≤-27	PASS
		5795	30~5650	5278.14	-40.81	≤-27	PASS
			5925~27000	26890.41	-31.25	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2661.85	-40.8	≤-27	PASS
			5925~27000	24794.15	-32.3	≤-27	PASS
		5785	30~5650	3421.3	-39.91	≤-27	PASS
			5925~27000	24277.11	-31.43	≤-27	PASS
		5825	30~5650	3000.73	-39.73	≤-27	PASS
			5925~27000	24272.9	-31.49	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5512.87	-39.95	≤-27	PASS
			5925~27000	26924.13	-32.1	≤-27	PASS
		5795	30~5650	5445.62	-39.61	≤-27	PASS
			5925~27000	26086.05	-31.42	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5649.81	-38.75	≤-27	PASS
			5925~27000	26471.02	-31.91	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



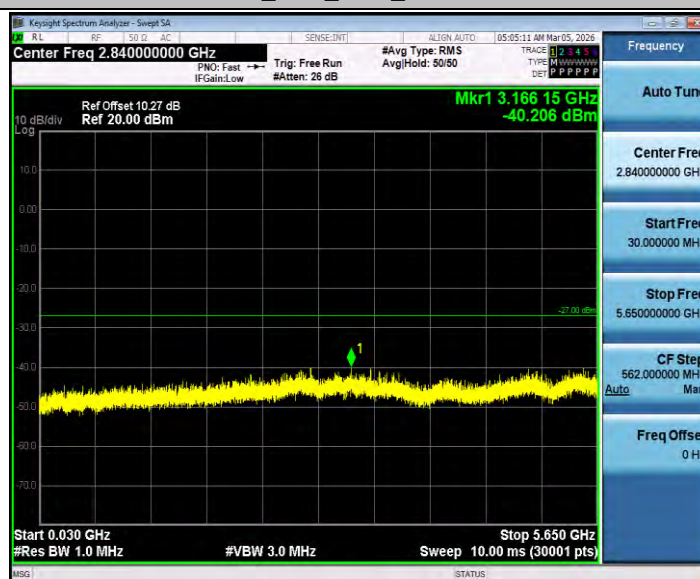
11A_Ant1_5785_30~5650



11A_Ant1_5785_5925~27000



11A_Ant1_5825_30~5650



11A_Ant1_5825_5925~27000



11N20SISO_Ant1_5745_30~5650



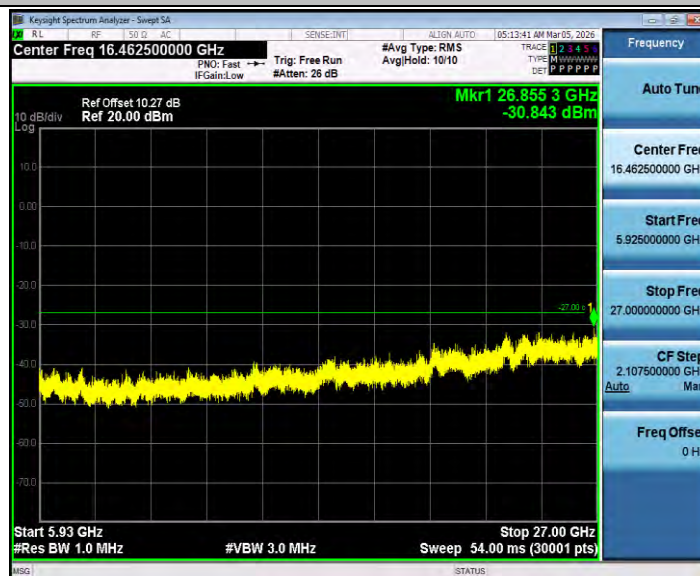
11N20SISO_Ant1_5745_5925~27000



11N20SISO_Ant1_5785_30~5650



11N20SISO_Ant1_5785_5925~27000



11N20SISO_Ant1_5825_30~5650



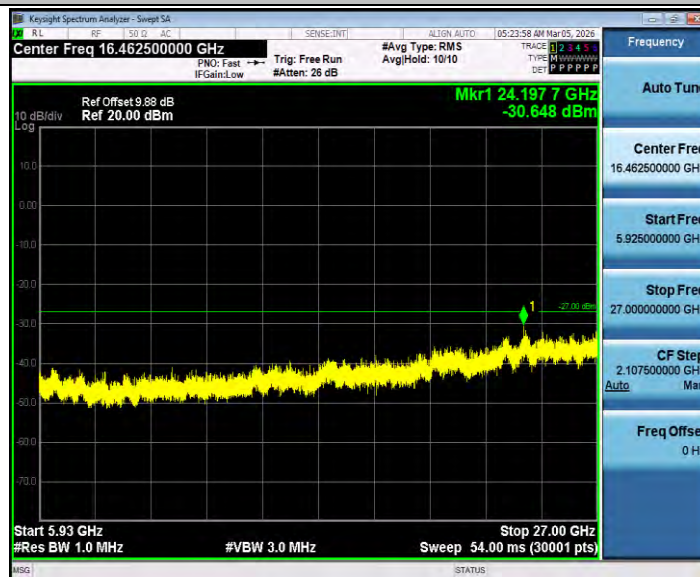
11N20SISO_Ant1_5825_5925~27000



11N40SISO_Ant1_5755_30~5650



11N40SISO_Ant1_5755_5925~27000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~27000



11AC20SISO_Ant1_5745_30~5650



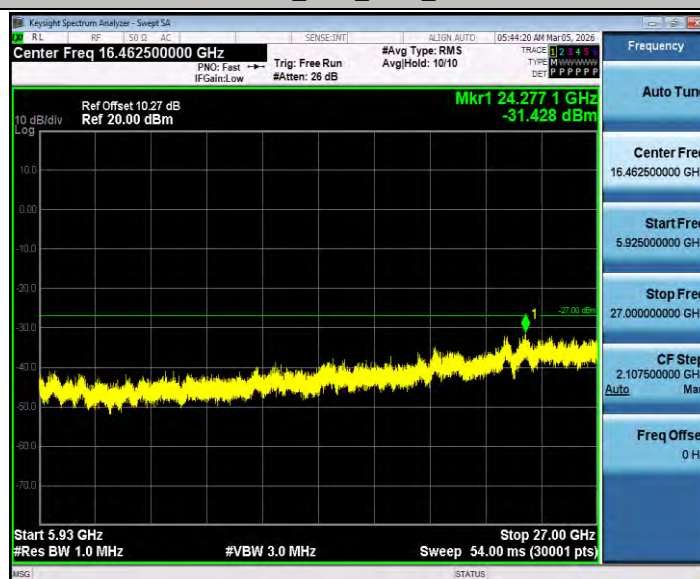
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11AC20SISO_Ant1_5785_30~5650



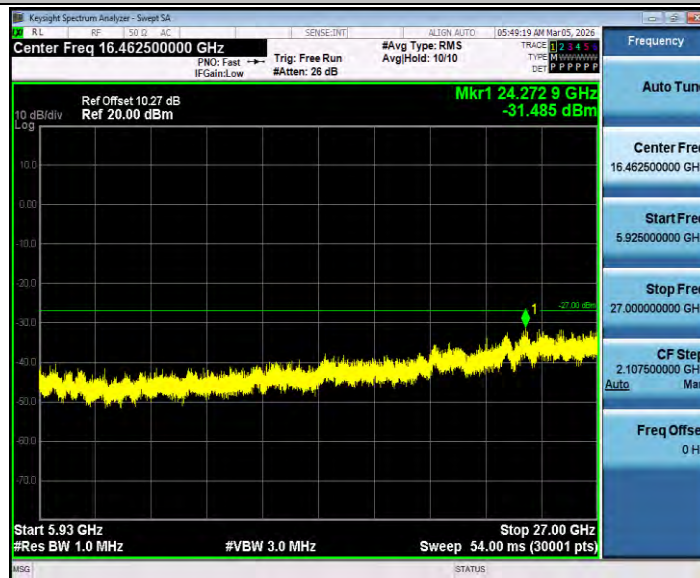
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11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



11AC40SISO_Ant1_5755_30~5650



11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~27000

