

Case No. : <u>GTS20260225003-4-12</u>	
Ambient Condition: <u>25</u> °C, <u>52</u> %RH	
According Standard: ■Part15E	
Test Date: <u>2026.4.14</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	17.163	5736.4364	5753.5994	---	---
		5785	16.929	5776.5532	5793.4822	---	---
		5825	16.784	5816.6006	5833.3846	---	---
11N20SISO	Ant1	5745	19.849	5735.4962	5755.3452	---	---
		5785	18.173	5775.9822	5794.1552	---	---
		5825	17.825	5816.1100	5833.9350	---	---
11N40SISO	Ant1	5755	37.808	5736.1389	5773.9469	---	---
		5795	37.068	5776.6035	5813.6715	---	---
11AC20SISO	Ant1	5745	20.340	5735.2205	5755.5605	---	---
		5785	18.240	5775.9677	5794.2077	---	---
		5825	17.835	5816.1027	5833.9377	---	---
11AC40SISO	Ant1	5755	37.753	5736.2169	5773.9699	---	---
		5795	37.019	5776.6532	5813.6722	---	---
11AC80SISO	Ant1	5775	76.670	5736.8740	5813.5440	---	---

Test Graphs

11A_Ant1_5745



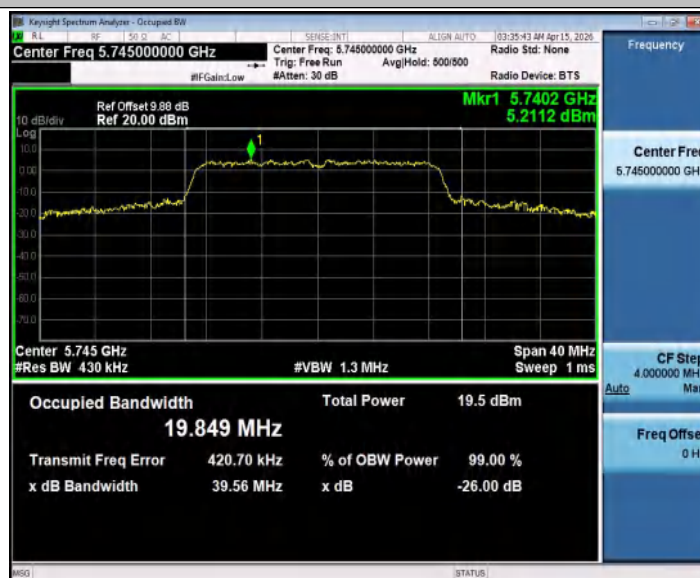
11A_Ant1_5785



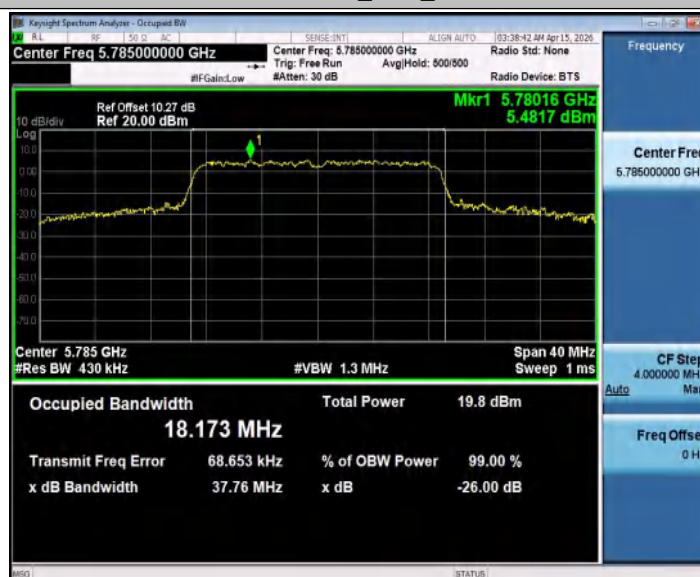
11A_Ant1_5825



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



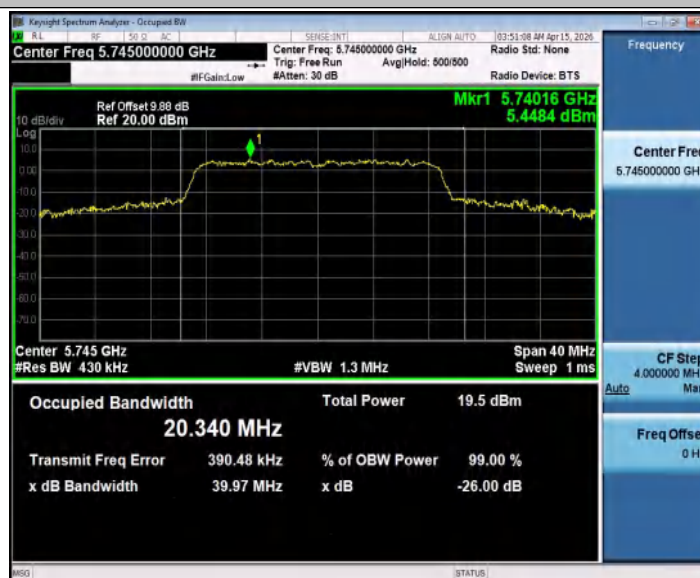
11N40SISO_Ant1_5755



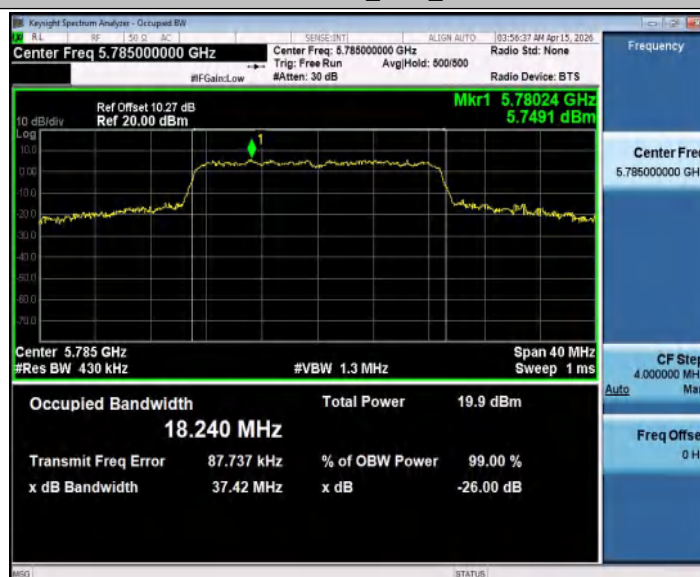
11N40SISO_Ant1_5795



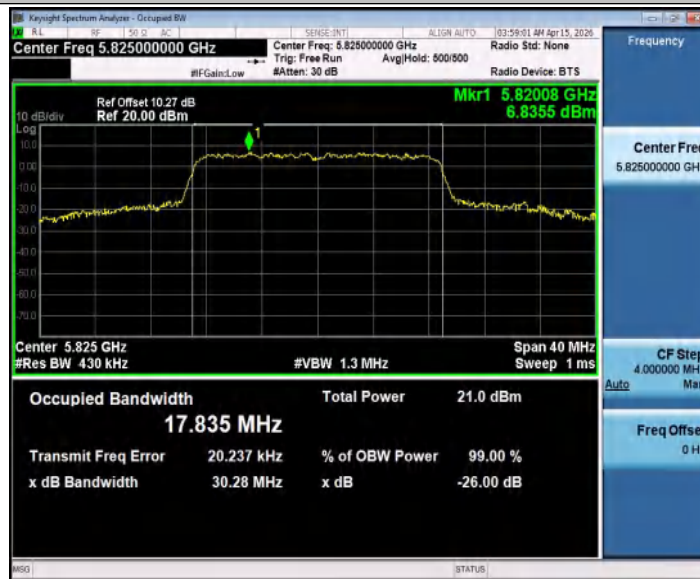
11AC20SISO_Ant1_5745



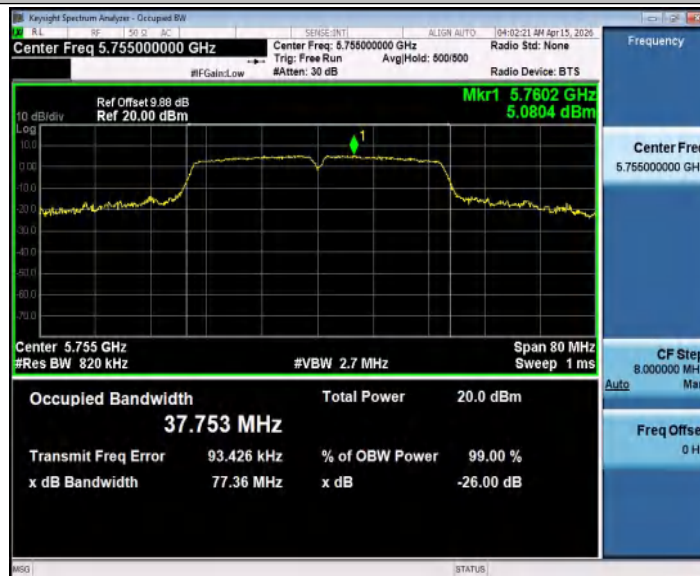
11AC20SISO_Ant1_5785



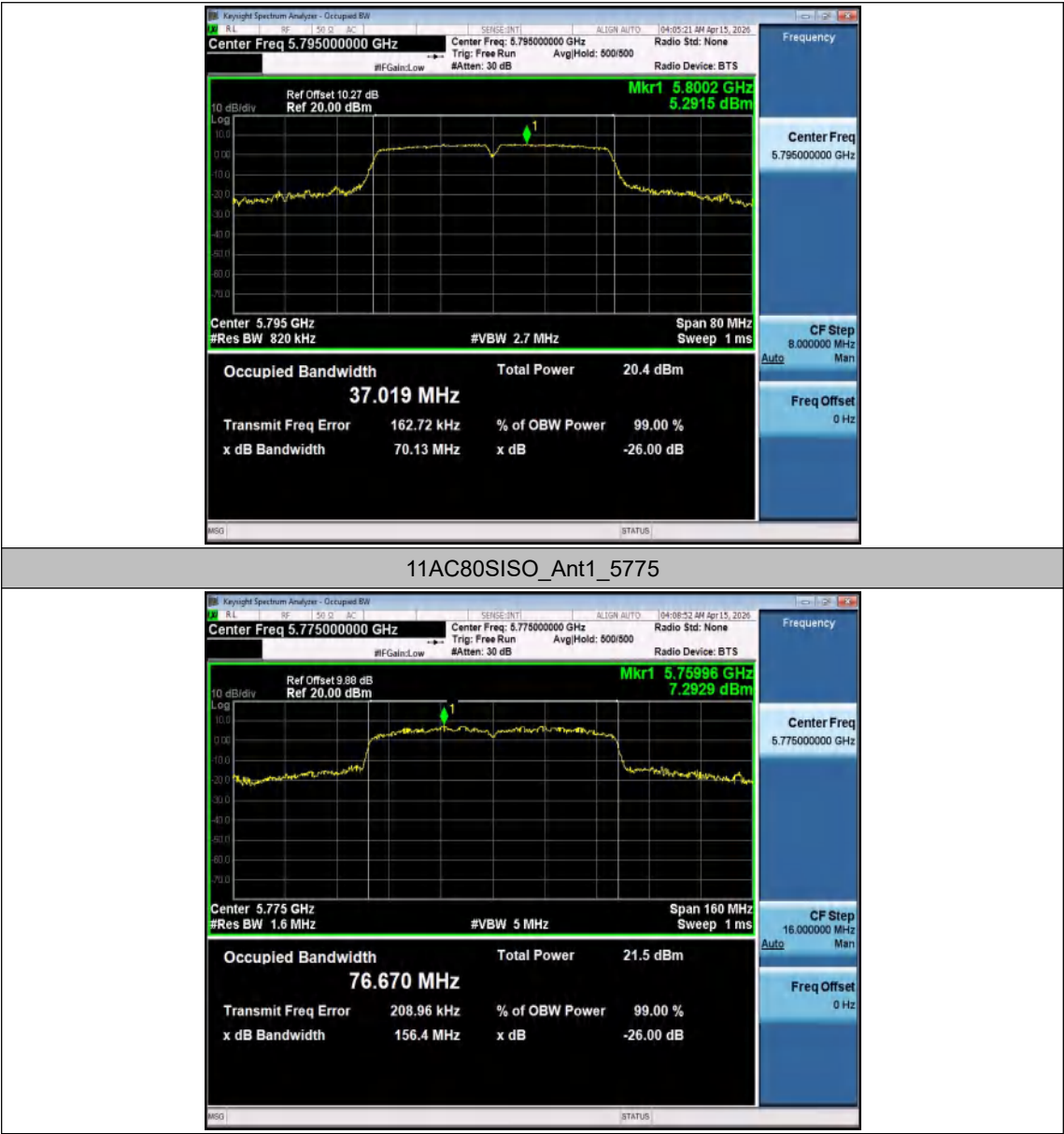
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix E.2: Min emission bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.480	5736.760	5753.240	0.5	PASS
		5785	16.480	5776.760	5793.240	0.5	PASS
		5825	16.440	5816.760	5833.200	0.5	PASS
11N20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.840	5813.240	0.5	PASS
11AC20SISO	Ant1	5745	17.680	5736.160	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.680	5816.160	5833.840	0.5	PASS
11AC40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.400	5776.840	5813.240	0.5	PASS
11AC80SISO	Ant1	5775	76.160	5737.080	5813.240	0.5	PASS

Test Graphs

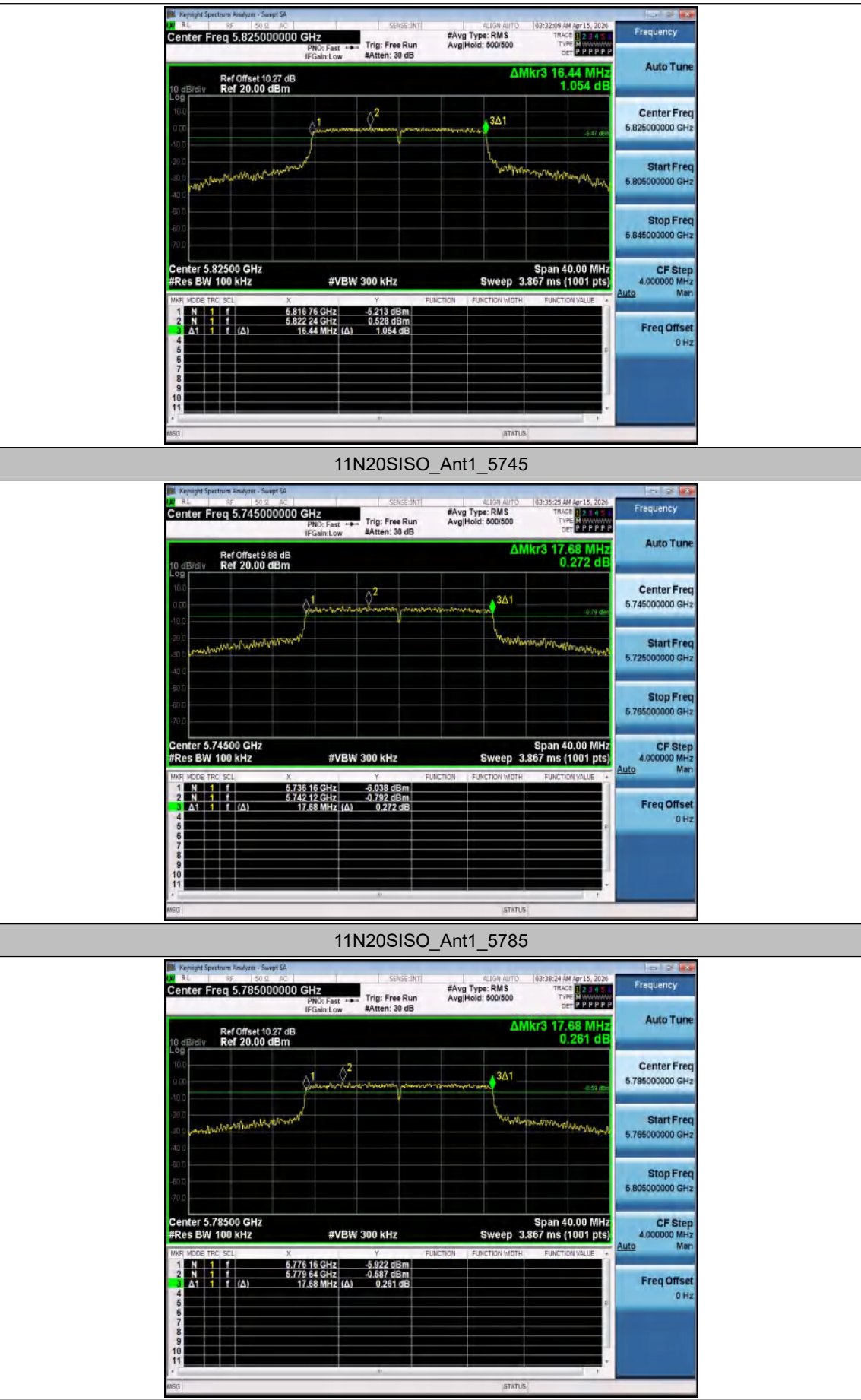
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



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



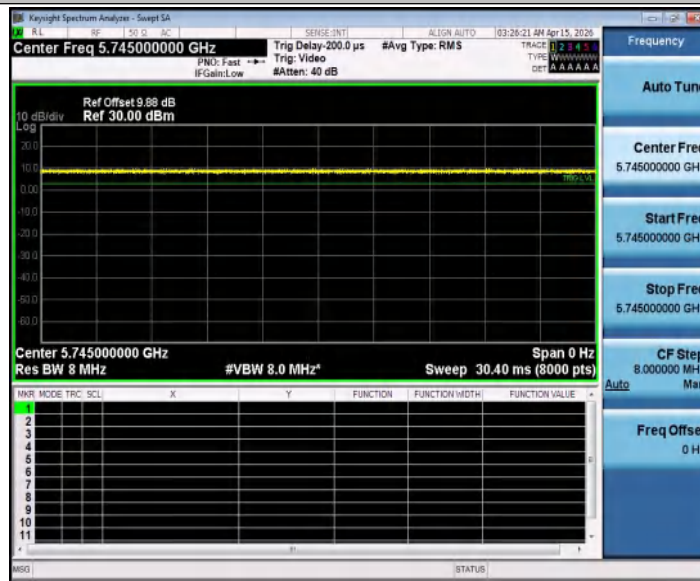
Appendix E.3: Duty Cycle

Test Result

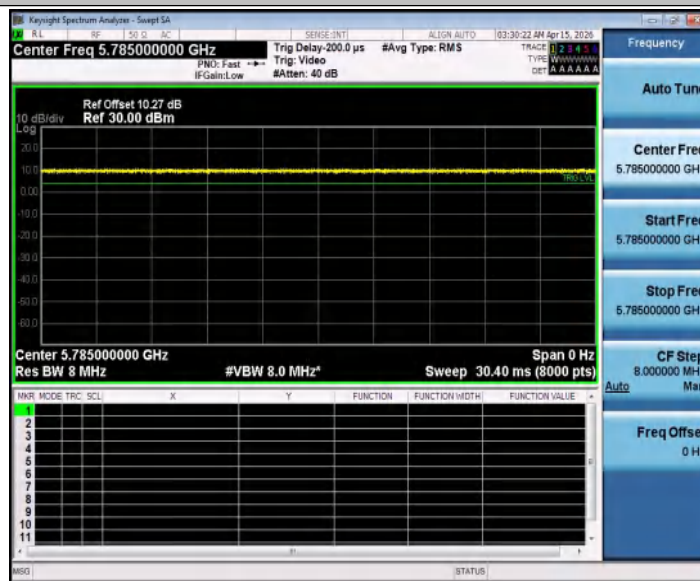
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant1	5745	30.00	30.00	100.00	0.00	0.03
		5785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

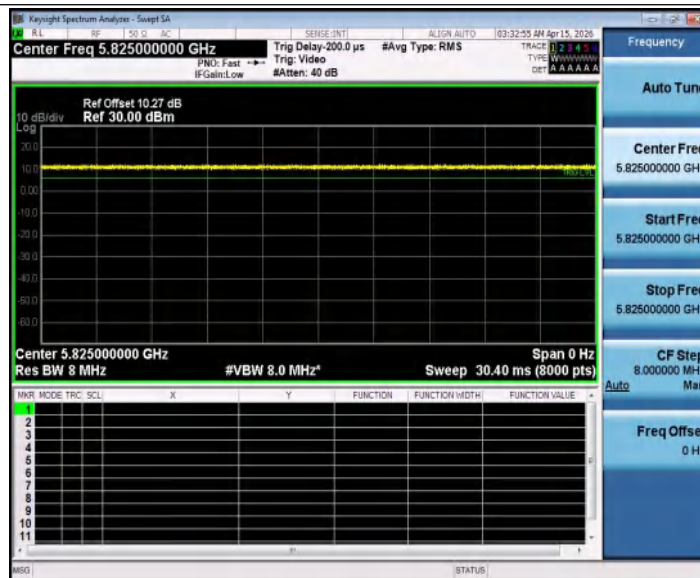
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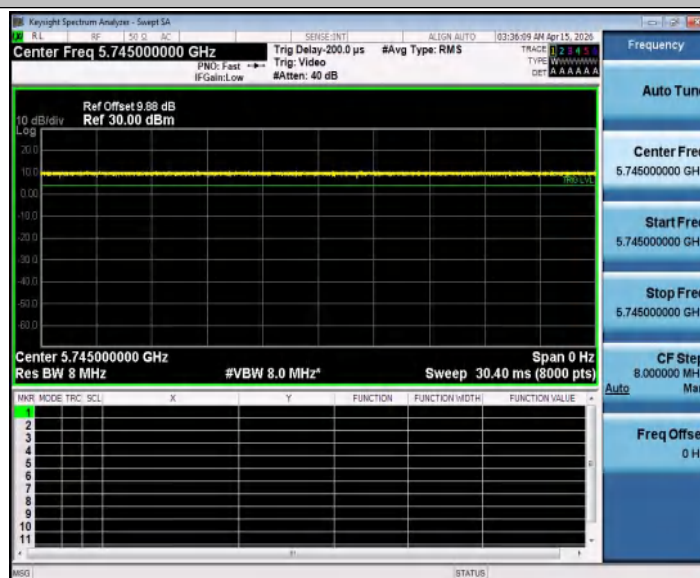
11A_Ant1_5785



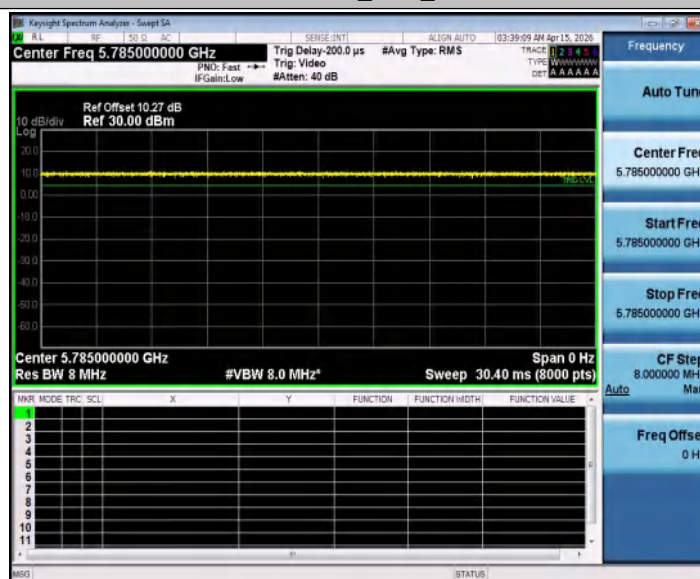
11A_Ant1_5825



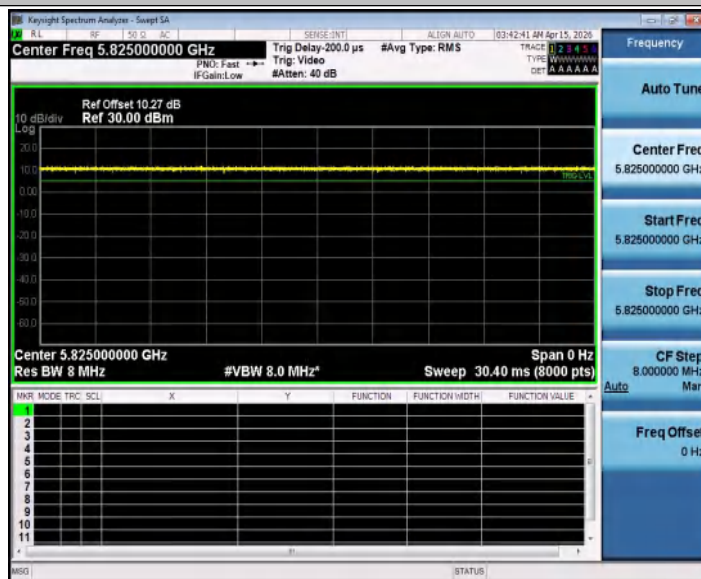
11N20SISO_Ant1_5745



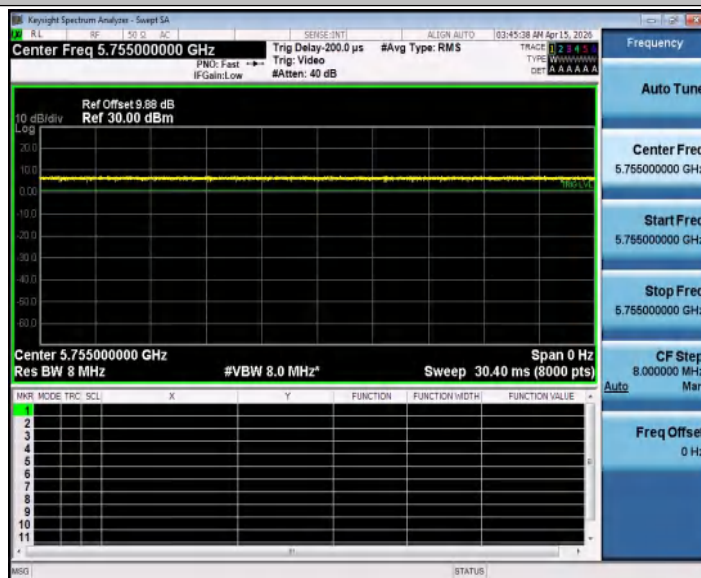
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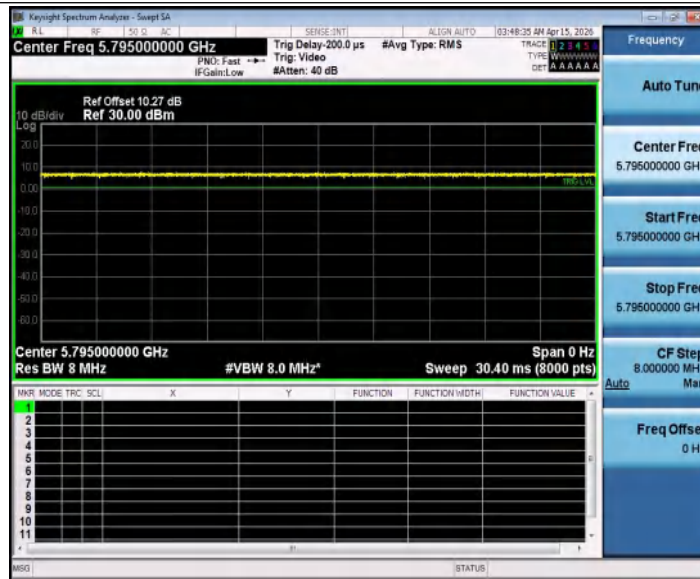
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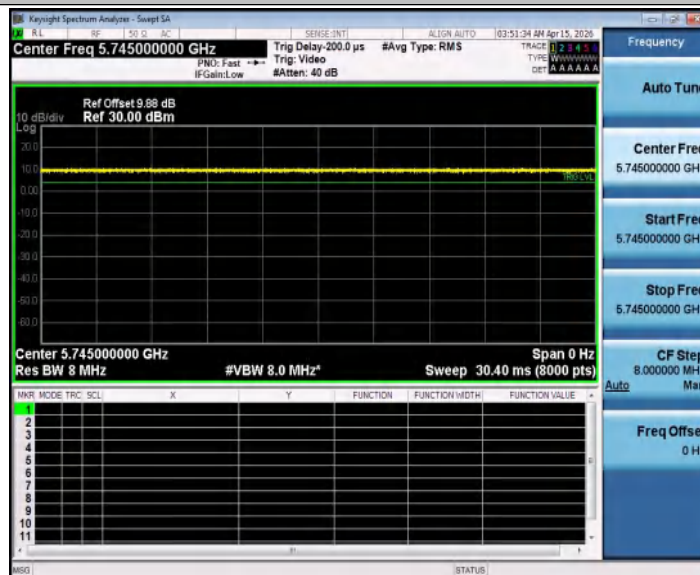
11N40SISO_Ant1_5755



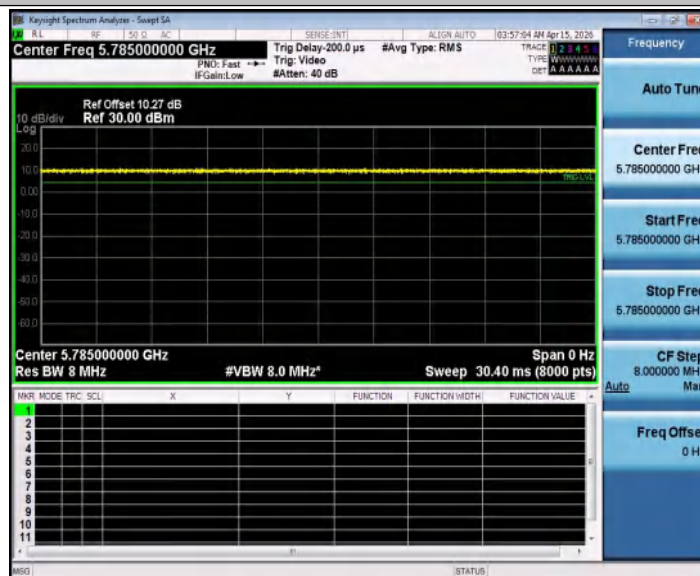
11N40SISO_Ant1_5795



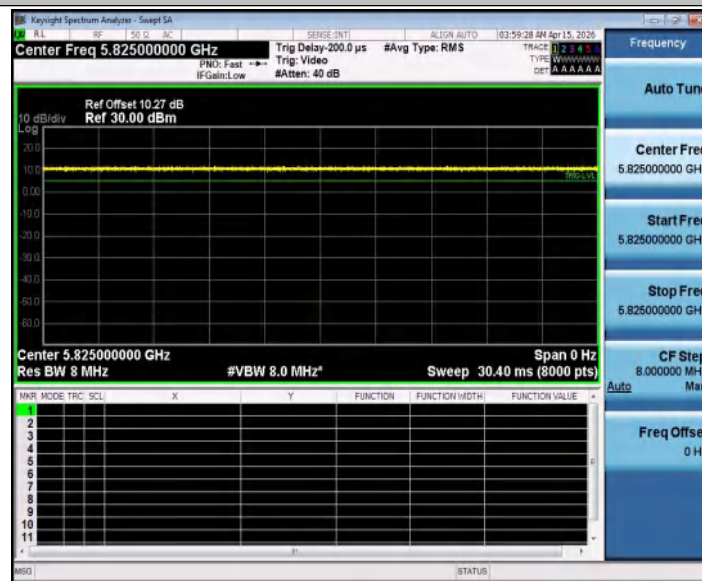
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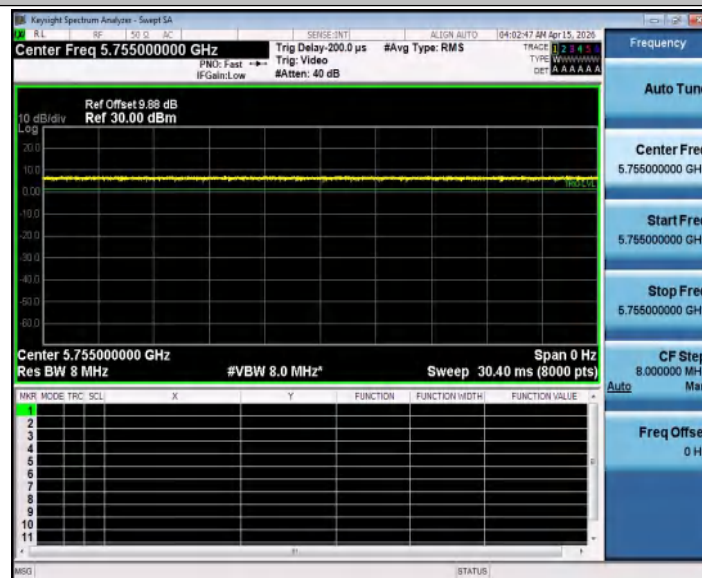
11AC20SISO_Ant1_5785



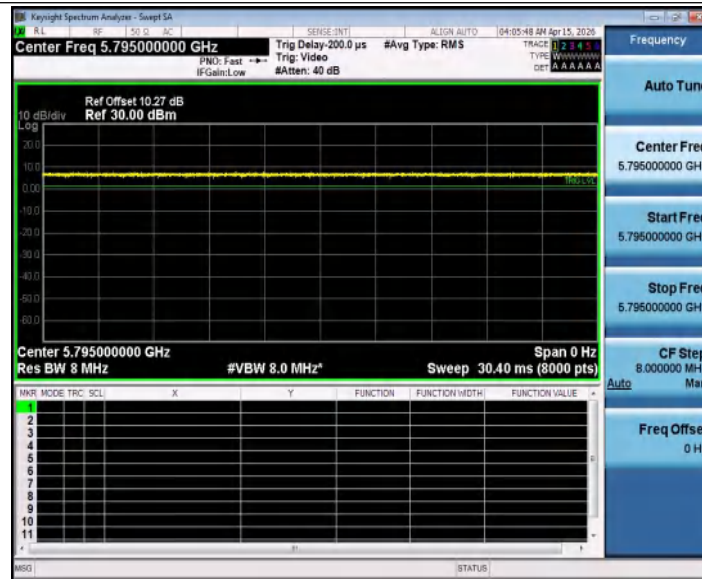
11AC20SISO_Ant1_5825



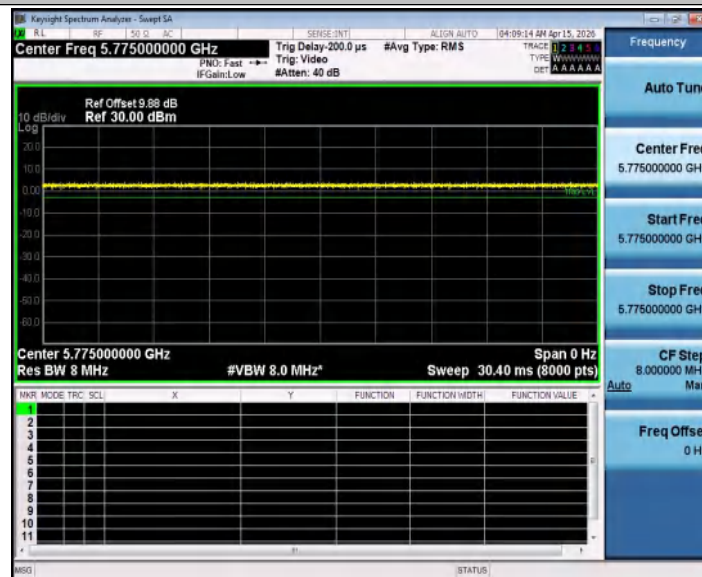
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



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	11.62	100.00	0.00	11.62	≤30.00	PASS
		5785	13.03	100.00	0.00	13.03	≤30.00	PASS
		5825	14.42	100.00	0.00	14.42	≤30.00	PASS
11N20SISO	Ant1	5745	12.82	100.00	0.00	12.82	≤30.00	PASS
		5785	13.12	100.00	0.00	13.12	≤30.00	PASS
		5825	14.32	100.00	0.00	14.32	≤30.00	PASS
11N40SISO	Ant1	5755	12.62	100.00	0.00	12.62	≤30.00	PASS
		5795	13.16	100.00	0.00	13.16	≤30.00	PASS
11AC20SISO	Ant1	5745	12.95	100.00	0.00	12.95	≤30.00	PASS
		5785	13.24	100.00	0.00	13.24	≤30.00	PASS
		5825	14.41	100.00	0.00	14.41	≤30.00	PASS
11AC40SISO	Ant1	5755	12.67	100.00	0.00	12.67	≤30.00	PASS
		5795	13.16	100.00	0.00	13.16	≤30.00	PASS
11AC80SISO	Ant1	5775	12.54	100.00	0.00	12.54	≤30.00	PASS

Note:

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

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	-2.74	≤30.00	PASS
		5785	-1.51	≤30.00	PASS
		5825	-0.38	≤30.00	PASS
11N20SISO	Ant1	5745	-1.87	≤30.00	PASS
		5785	-1.55	≤30.00	PASS
		5825	-0.71	≤30.00	PASS
11N40SISO	Ant1	5755	-4.67	≤30.00	PASS
		5795	-4.29	≤30.00	PASS
11AC20SISO	Ant1	5745	-1.80	≤30.00	PASS
		5785	-1.55	≤30.00	PASS
		5825	-0.66	≤30.00	PASS
11AC40SISO	Ant1	5755	-4.66	≤30.00	PASS
		5795	-4.28	≤30.00	PASS
11AC80SISO	Ant1	5775	-8.00	≤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



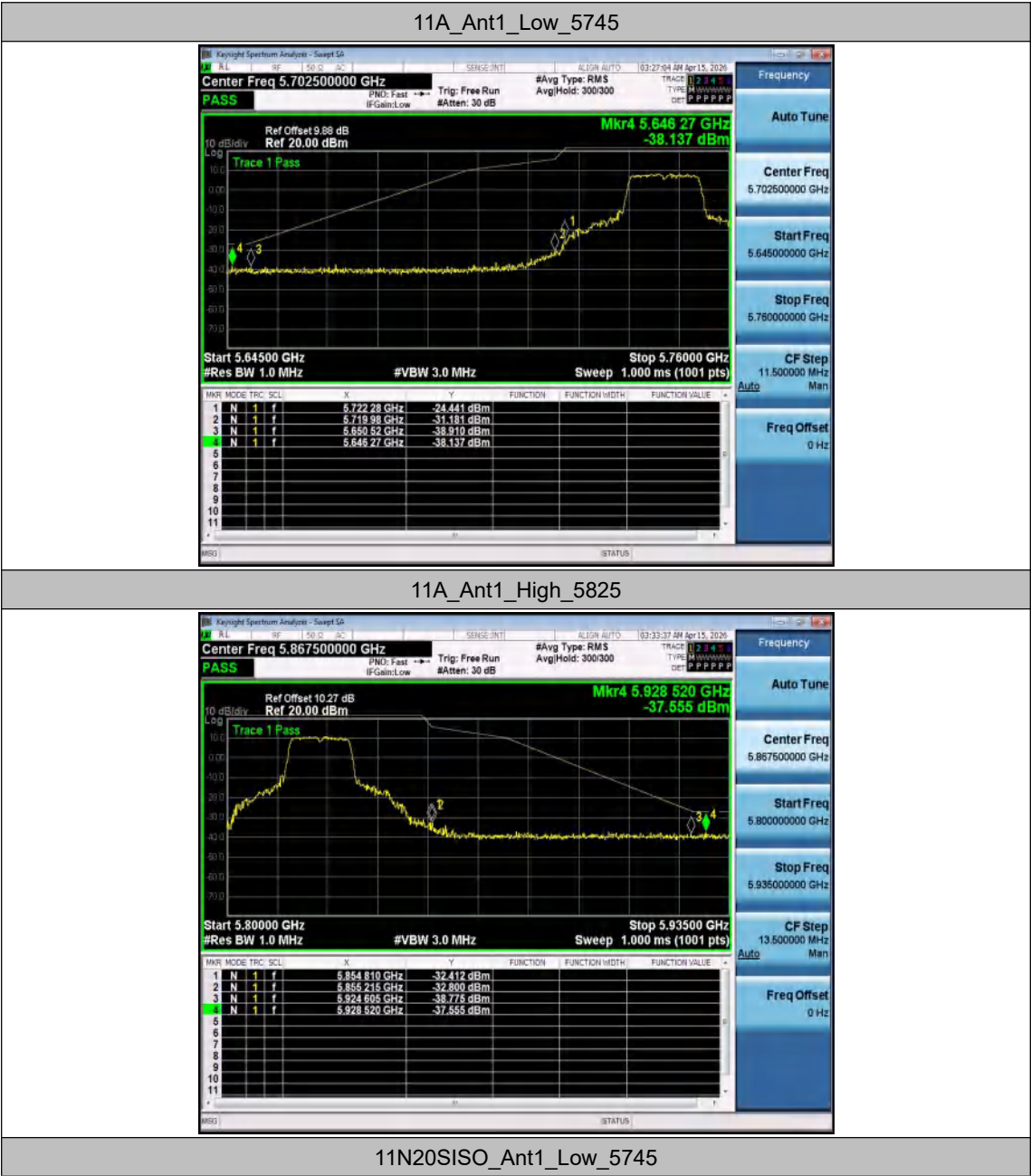
Appendix E.6: Band edge measurements

Test Result

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-38.91	≤-26.62	PASS
				5700~5720	-31.18	≤15.59	PASS
				5720~5725	-24.44	≤20.80	PASS
				5760~5650	-38.14	≤-27	PASS
		High	5825	5850~5855	-32.41	≤16.03	PASS
				5855~5875	-32.8	≤15.54	PASS
				5875~5925	-38.78	≤-26.71	PASS
				5925~5935	-37.56	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-40.01	≤-26.96	PASS
				5700~5720	-23.9	≤14.79	PASS
				5720~5725	-14.22	≤22.90	PASS
				5760~5650	-39.79	≤-27	PASS
		High	5825	5850~5855	-28.96	≤18.19	PASS
				5855~5875	-31.89	≤14.86	PASS
				5875~5925	-39.61	≤-26.61	PASS
				5925~5935	-38.43	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-38.94	≤-26.90	PASS
				5700~5720	-19.09	≤15.31	PASS
				5720~5725	-16.89	≤18.81	PASS
				5780~5650	-39.2	≤-27	PASS
		High	5795	5850~5855	-34.04	≤16.41	PASS
				5855~5875	-38.24	≤10.02	PASS
				5875~5925	-38.78	≤-26.71	PASS
				5925~5935	-37.22	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-40.73	≤-26.87	PASS
				5700~5720	-24.1	≤14.95	PASS
				5720~5725	-13.63	≤23.68	PASS
				5760~5650	-39.14	≤-27	PASS
		High	5825	5850~5855	-28.95	≤17.57	PASS
				5855~5875	-32.27	≤14.67	PASS
				5875~5925	-39.46	≤-26.91	PASS
				5925~5935	-37.71	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-40.03	≤-26.90	PASS
				5700~5720	-17.87	≤14.71	PASS
				5720~5725	-15.32	≤20.05	PASS
				5780~5650	-38.56	≤-27	PASS

11AC80SI SO	Ant1	High	5795	5850~5855	-34.41	≤ 16.41	PASS
				5855~5875	-38.27	≤ 10.06	PASS
				5875~5925	-38.14	≤ -26.71	PASS
				5925~5935	-36.28	≤ -27	PASS
		Low	5775	5650~5700	-35.88	≤ -26.46	PASS
				5700~5720	-21.09	≤ 11.66	PASS
				5720~5725	-20.23	≤ 16.00	PASS
				5800~5650	-36.31	≤ -27	PASS
		High	5775	5850~5855	-23.86	≤ 15.84	PASS
				5855~5875	-26.16	≤ 12.11	PASS
				5875~5925	-38.34	≤ -26.19	PASS
				5925~5935	-38.46	≤ -27	PASS

Test Graphs



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 Man
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	5446.37	-39.91	≤-27	PASS
			5925~27000	24723.9	-32.38	≤-27	PASS
		5785	30~5650	3045.88	-39.57	≤-27	PASS
			5925~27000	24284.84	-30.53	≤-27	PASS
		5825	30~5650	2677.21	-39.41	≤-27	PASS
			5925~27000	24234.96	-31.44	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5457.42	-39.89	≤-27	PASS
			5925~27000	25706	-32.11	≤-27	PASS
		5785	30~5650	2798.6	-39.09	≤-27	PASS
			5925~27000	24894.61	-31.32	≤-27	PASS
		5825	30~5650	5332.84	-39.88	≤-27	PASS
			5925~27000	24213.18	-31.78	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	31.5	-33.99	≤-27	PASS
			5925~27000	24191.41	-31.68	≤-27	PASS
		5795	30~5650	30.56	-33.34	≤-27	PASS
			5925~27000	25210.73	-31.38	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	2660.91	-40.7	≤-27	PASS
			5925~27000	24940.97	-31.65	≤-27	PASS
		5785	30~5650	2744.27	-40.1	≤-27	PASS
			5925~27000	26564.45	-31.12	≤-27	PASS
		5825	30~5650	2677.39	-39.75	≤-27	PASS
			5925~27000	26770.28	-30.32	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	30.75	-33.1	≤-27	PASS
			5925~27000	25580.95	-32.02	≤-27	PASS
		5795	30~5650	31.12	-34.33	≤-27	PASS
			5925~27000	24277.81	-31.76	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	48.73	-27.61	≤-27	PASS
			5925~27000	24235.66	-31.05	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~27000



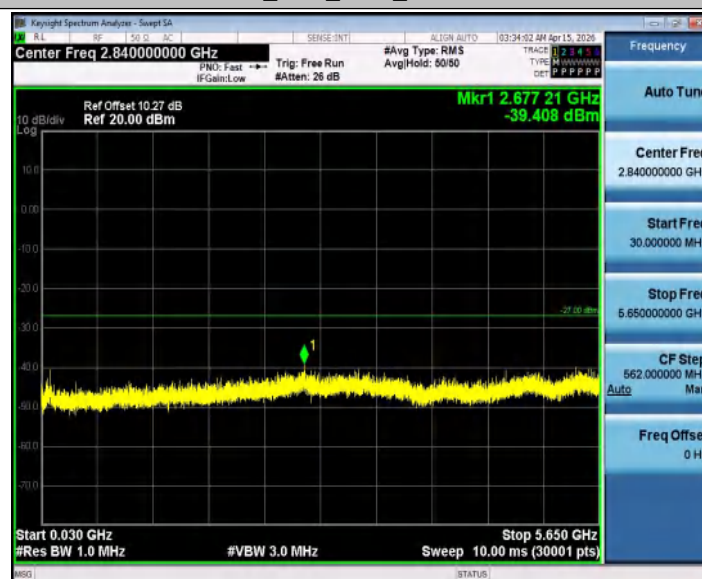
11A_Ant1_5785_30~5650



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



11AC20SISO_Ant1_5745_5925~27000



11AC20SISO_Ant1_5785_30~5650



11AC20SISO_Ant1_5785_5925~27000



11AC20SISO_Ant1_5825_30~5650



11AC20SISO_Ant1_5825_5925~27000



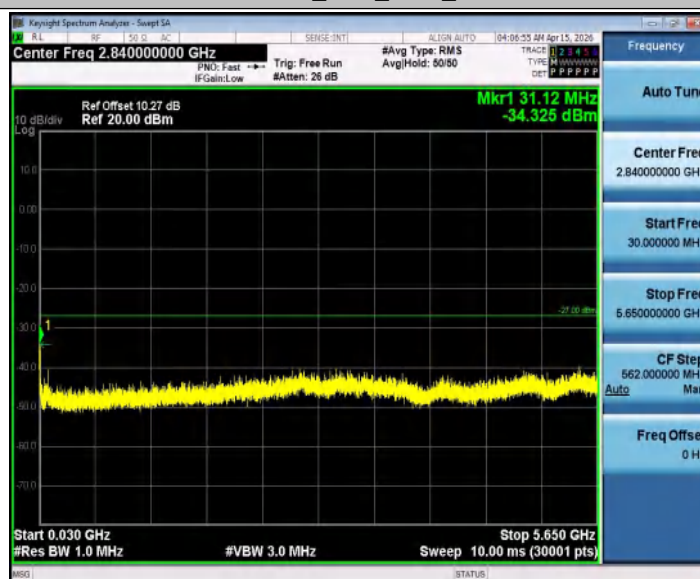
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11AC40SISO_Ant1_5755_5925~27000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~27000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~27000

