

Case No. : <u>GTS20260115008-1-04</u>
Ambient Condition: <u>23</u> °C, <u>49</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.2.25-2026.3.16</u> Test Engineer: <u>Evan ouyang</u>

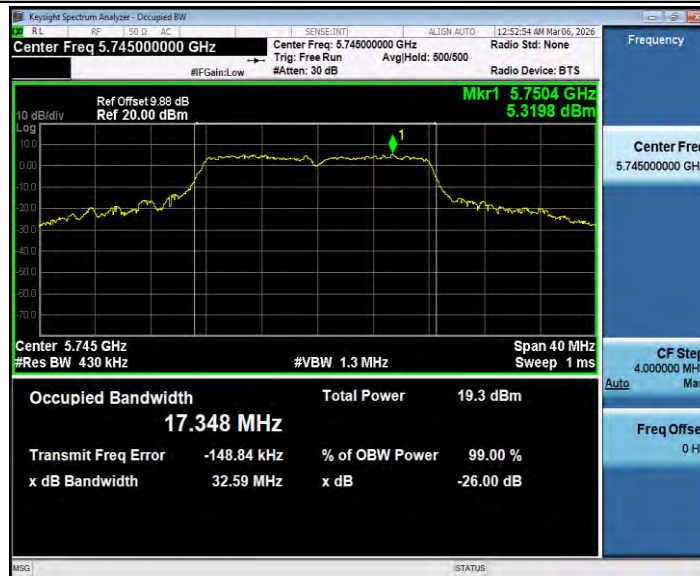
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	17.348	5736.1772	5753.5252	---	---
		5785	17.145	5776.2979	5793.4429	---	---
		5825	17.229	5816.2362	5833.4652	---	---
11N20SISO	Ant2	5745	18.026	5735.9109	5753.9369	---	---
		5785	17.949	5775.9693	5793.9183	---	---
		5825	18.023	5815.9173	5833.9403	---	---
11N40SISO	Ant2	5755	36.819	5736.5692	5773.3882	---	---
		5795	36.607	5776.6726	5813.2796	---	---
11AC20SISO	Ant2	5745	18.137	5735.8653	5754.0023	---	---
		5785	17.962	5775.9757	5793.9377	---	---
		5825	17.964	5815.9362	5833.9002	---	---
11AC40SISO	Ant2	5755	36.622	5736.6671	5773.2891	---	---
		5795	36.519	5776.6818	5813.2008	---	---
11AC80SISO	Ant2	5775	75.571	5737.1662	5812.7372	---	---

Test Graphs

11A_Ant2_5745



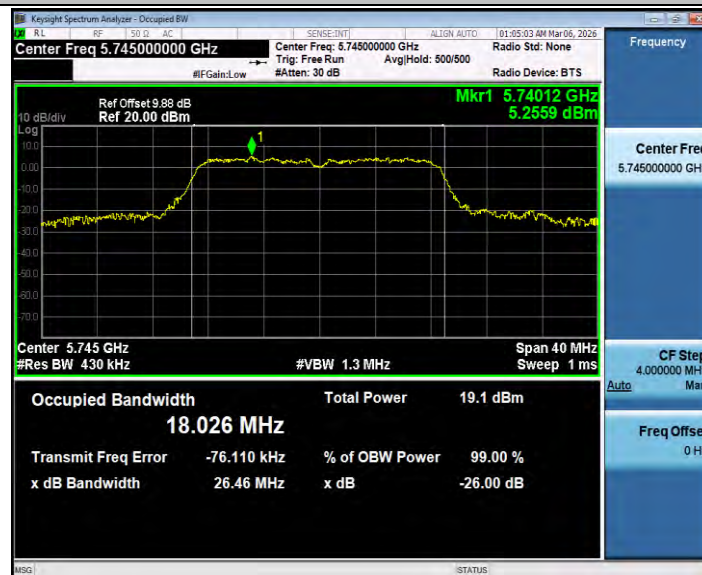
11A_Ant2_5785



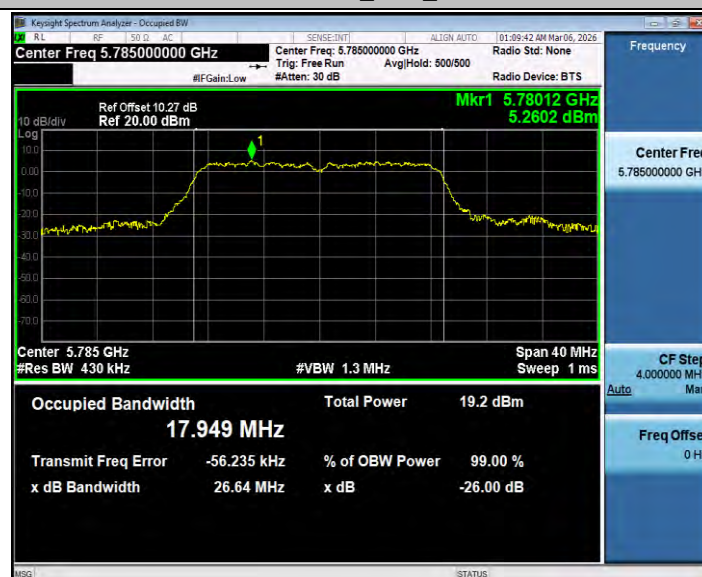
11A_Ant2_5825



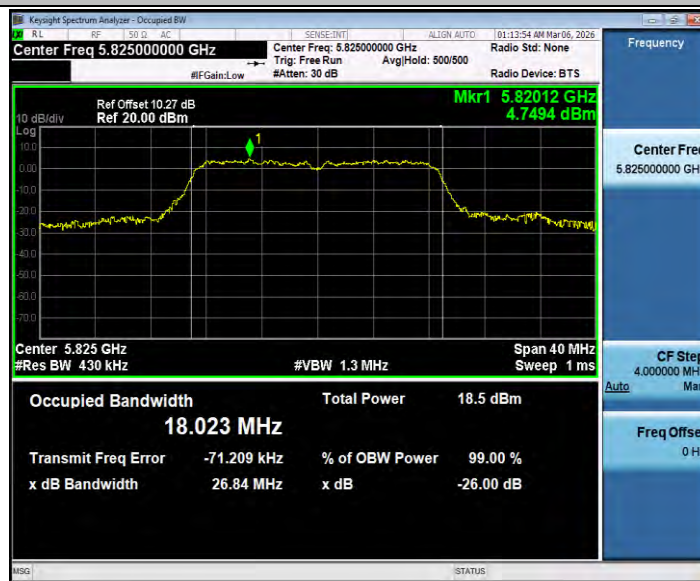
11N20SISO_Ant2_5745



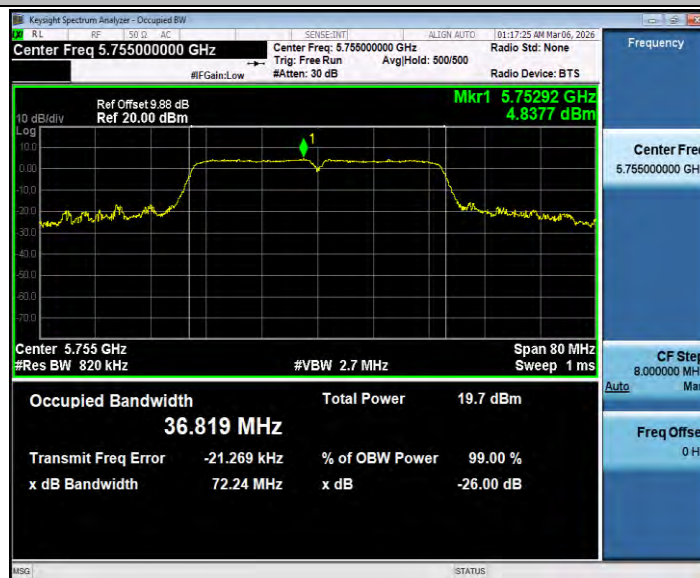
11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



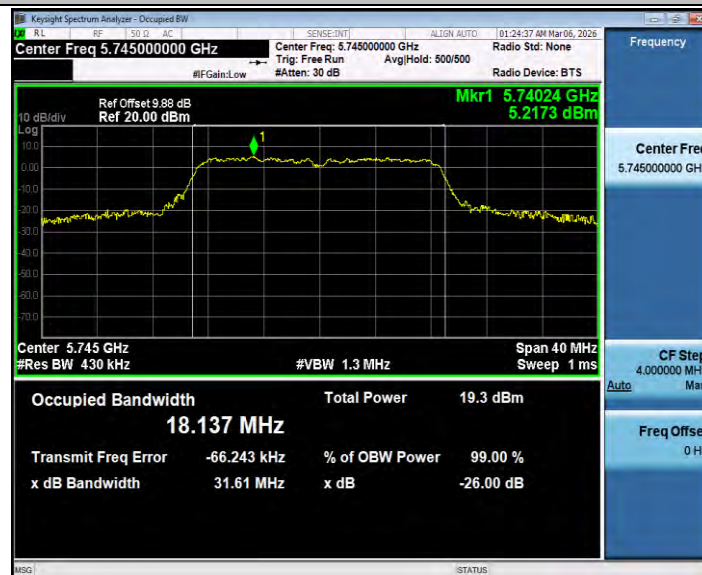
11N40SISO_Ant2_5755



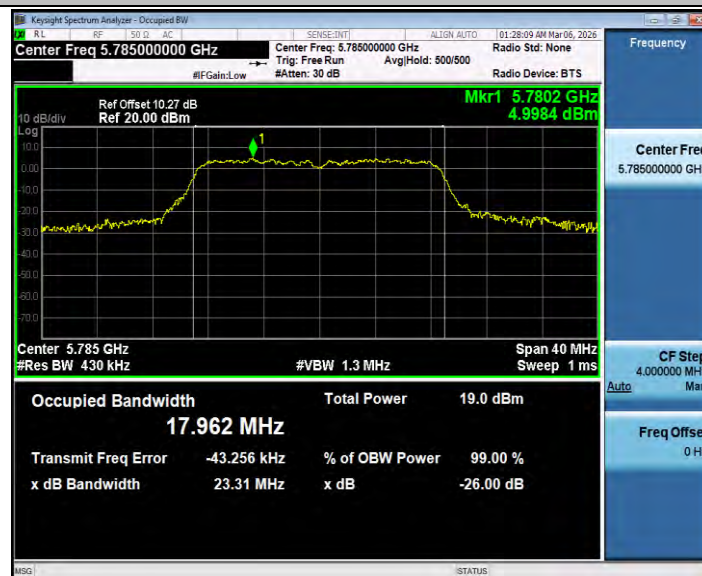
11N40SISO_Ant2_5795



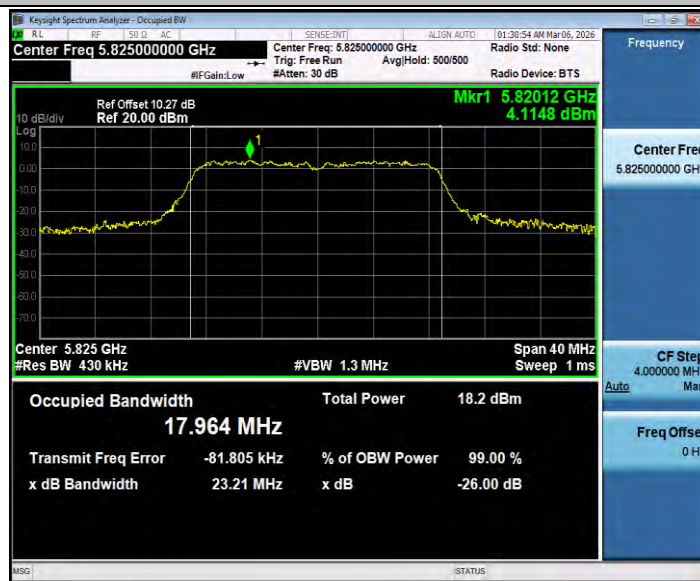
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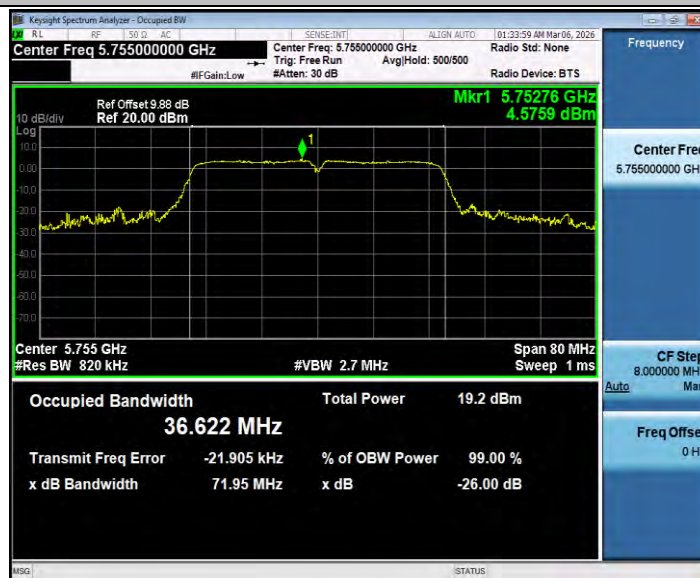
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



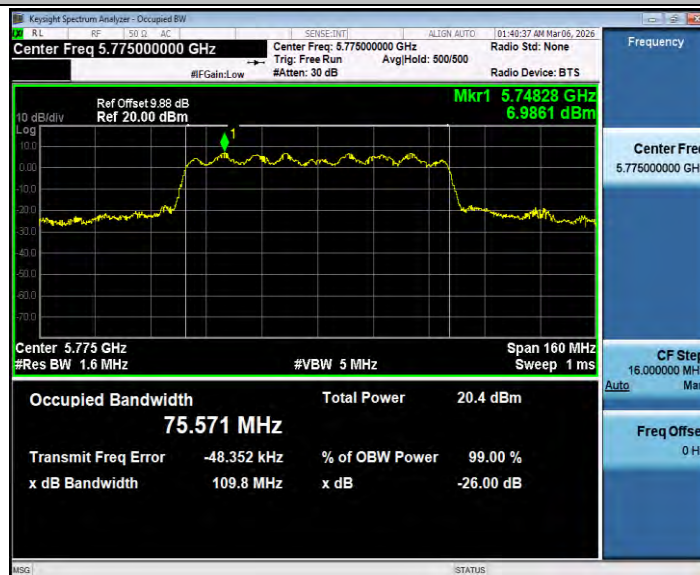
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_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	Ant2	5745	16.480	5736.680	5753.160	0.5	PASS
		5785	16.520	5776.680	5793.200	0.5	PASS
		5825	16.520	5816.680	5833.200	0.5	PASS
11N20SISO	Ant2	5745	17.600	5736.160	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
11N40SISO	Ant2	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC20SISO	Ant2	5745	17.640	5736.120	5753.760	0.5	PASS
		5785	17.600	5776.160	5793.760	0.5	PASS
		5825	17.640	5816.120	5833.760	0.5	PASS
11AC40SISO	Ant2	5755	36.320	5736.760	5773.080	0.5	PASS
		5795	36.320	5776.760	5813.080	0.5	PASS
11AC80SISO	Ant2	5775	75.680	5737.080	5812.760	0.5	PASS



11N20SISO_Ant2_5745



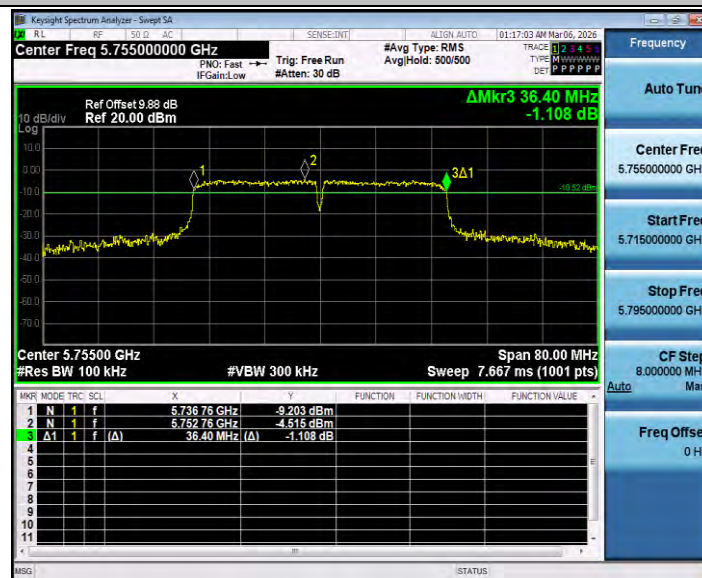
11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



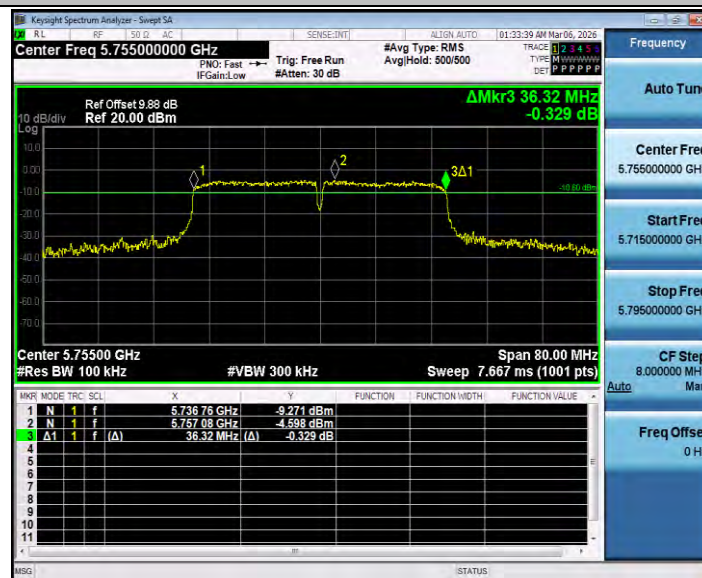
11AC20SISO_Ant2_5785



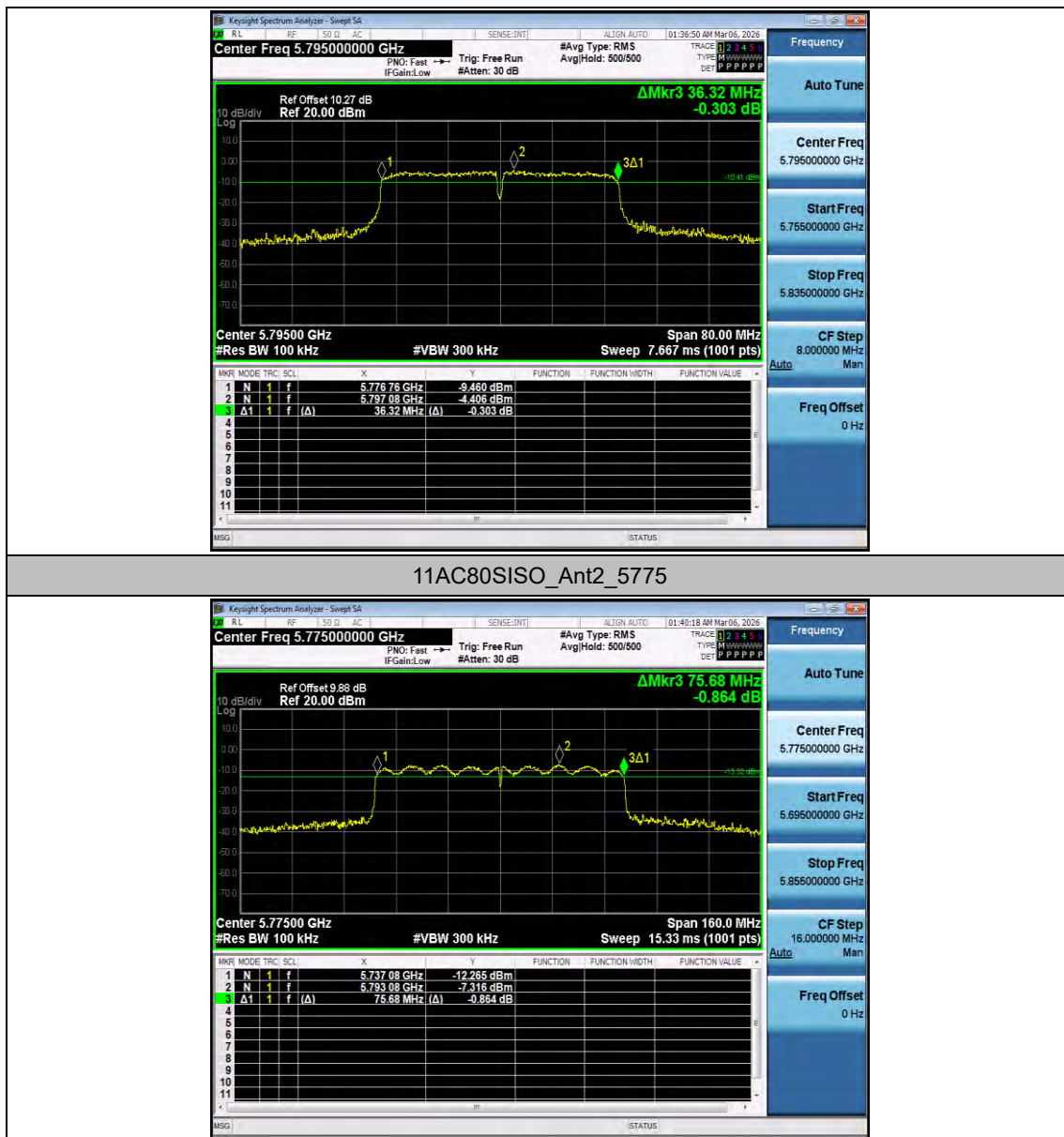
11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



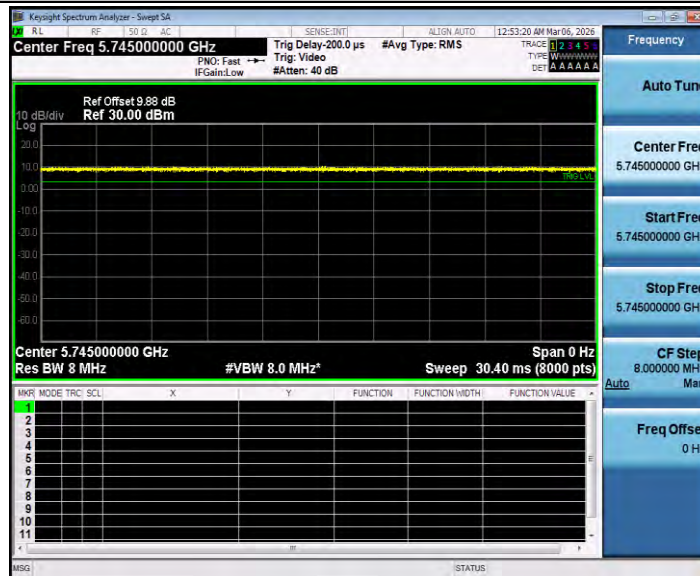
AppendixE.3: Duty Cycle

Test Result

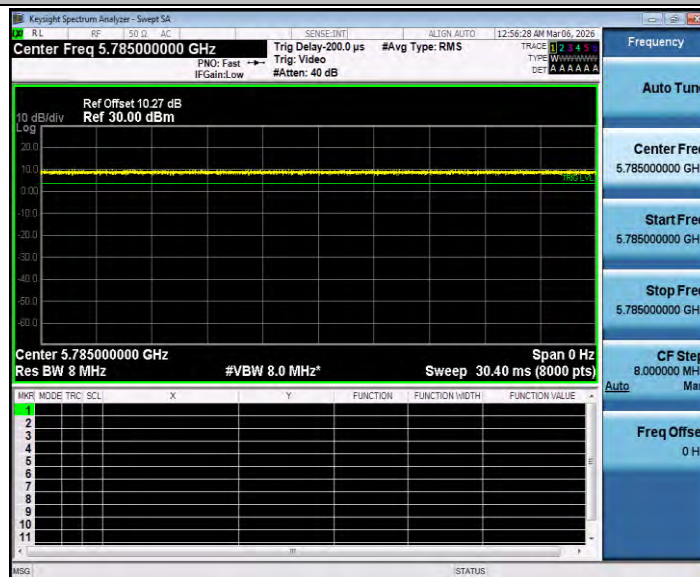
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N40SISO	Ant2	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC20SISO	Ant2	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	Ant2	5755	30.00	30.00	100.00	0.00	0.03
		5795	30.00	30.00	100.00	0.00	0.03
11AC80SISO	Ant2	5775	30.00	30.00	100.00	0.00	0.03

Test Graphs

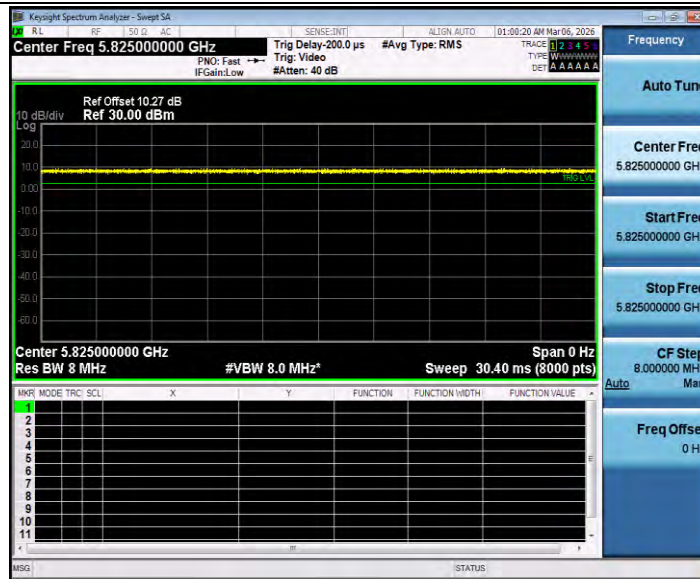
11A_Ant2_5745



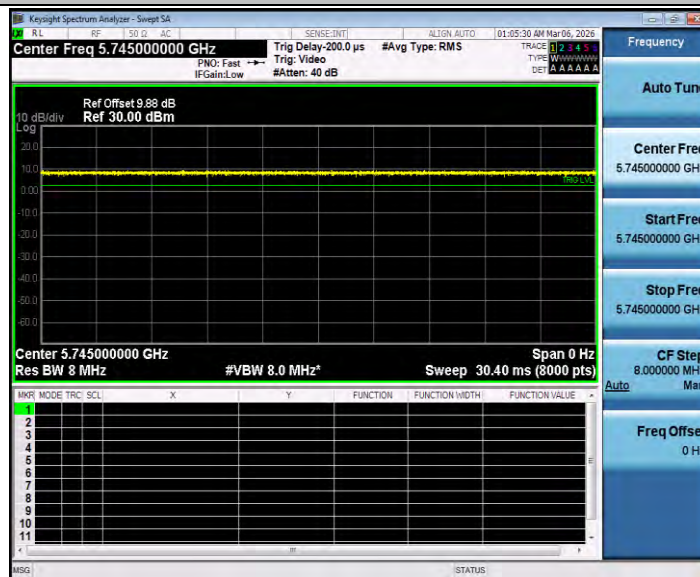
11A_Ant2_5785



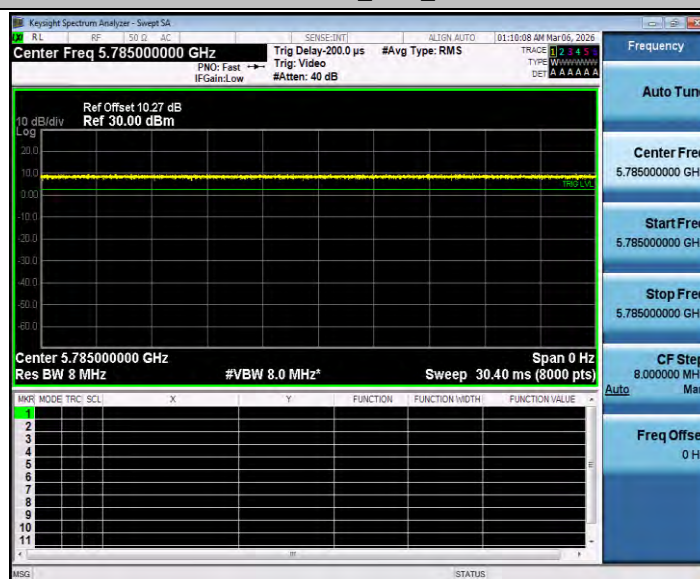
11A_Ant2_5825



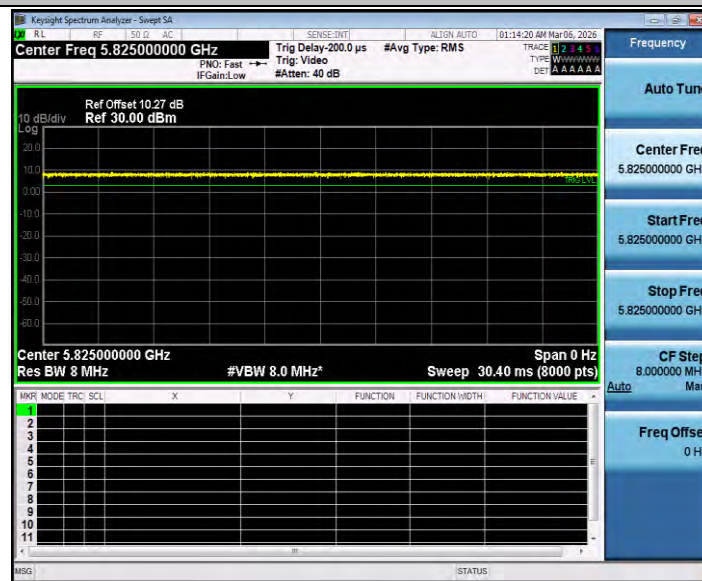
11N20SISO_Ant2_5745



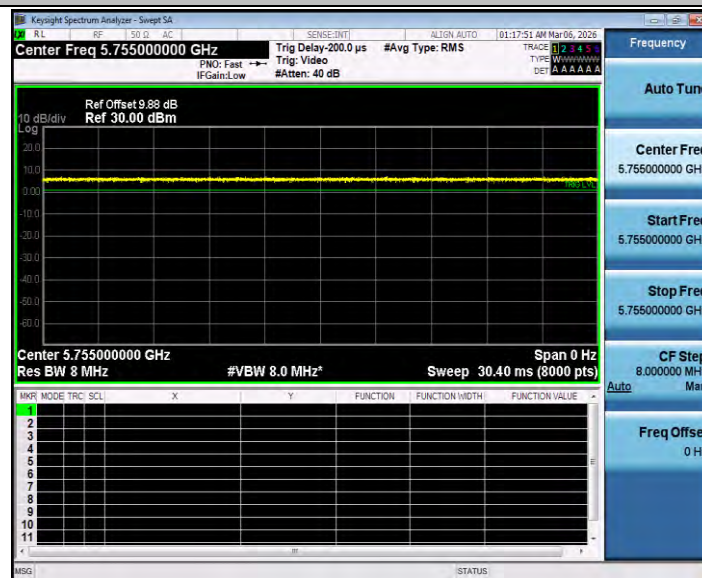
11N20SISO_Ant2_5785



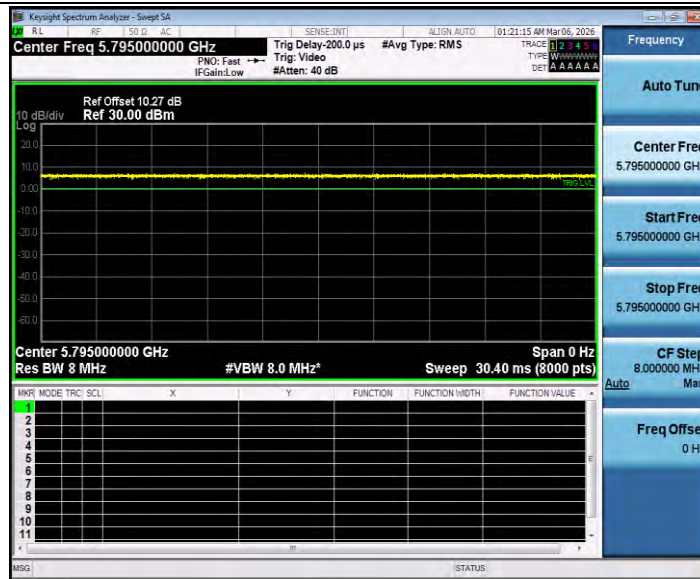
11N20SISO_Ant2_5825



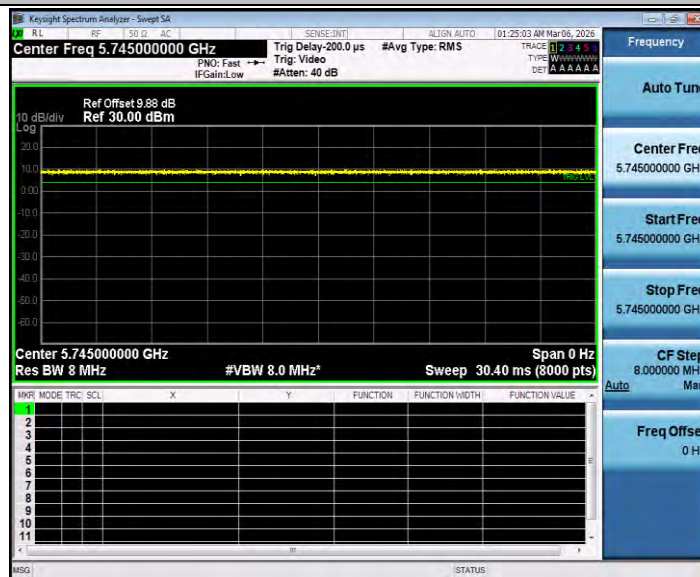
11N40SISO_Ant2_5755



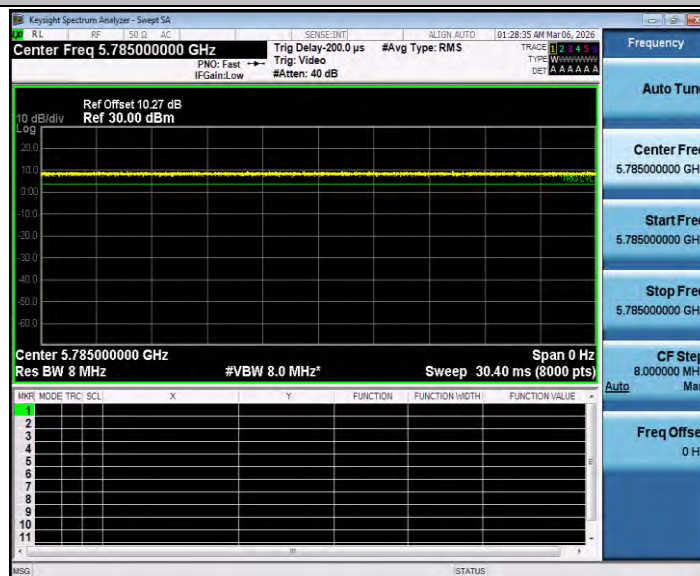
11N40SISO_Ant2_5795



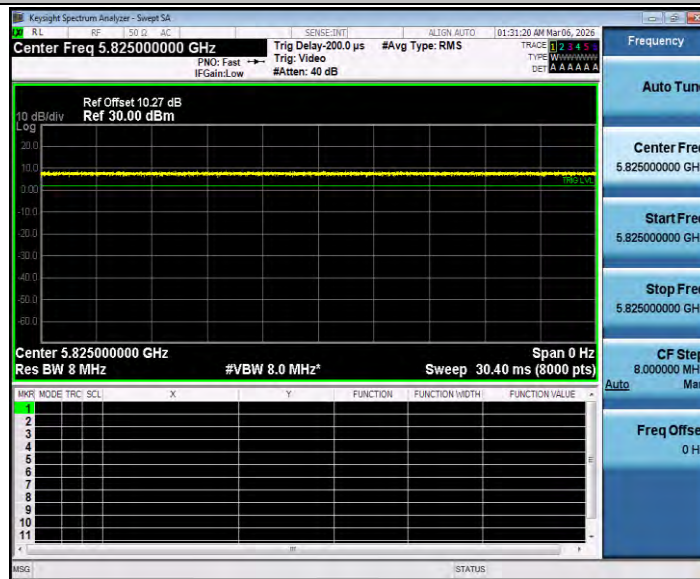
11AC20SISO_Ant2_5745



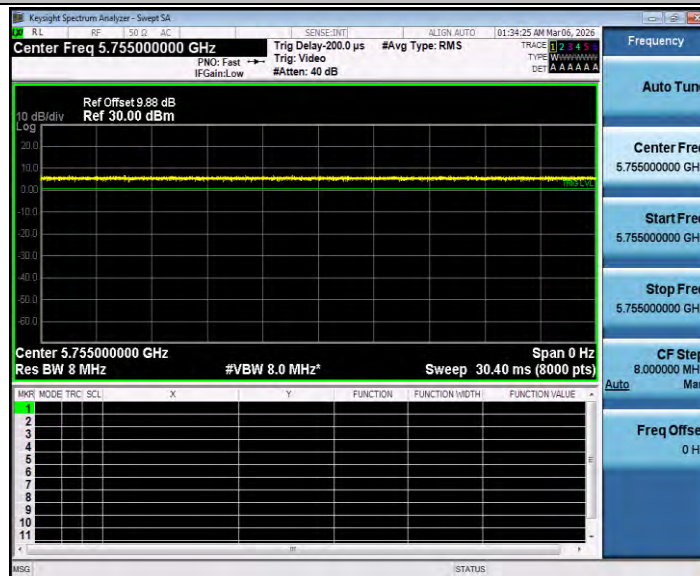
11AC20SISO_Ant2_5785



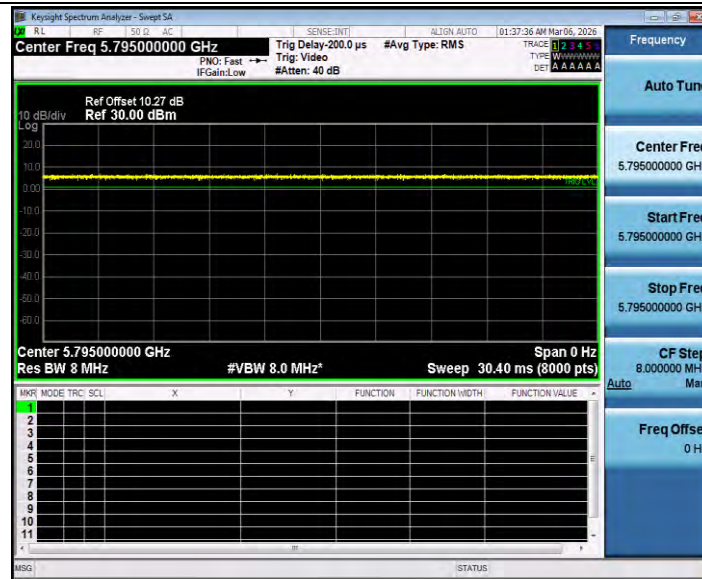
11AC20SISO_Ant2_5825



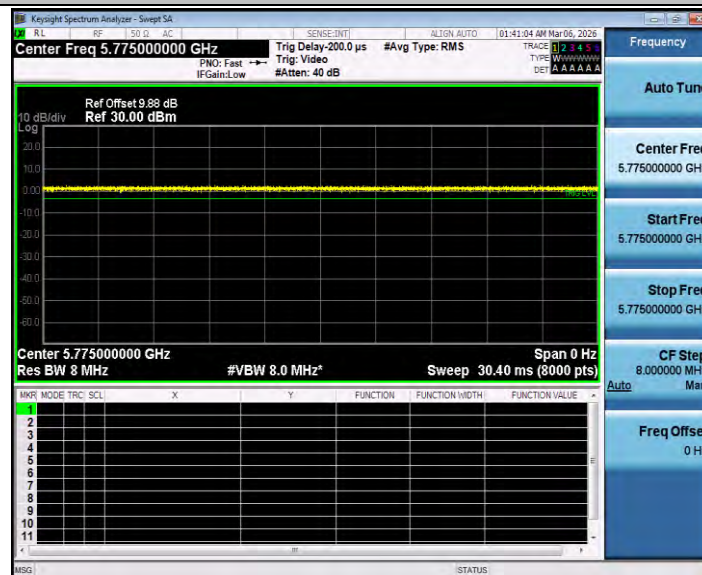
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_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	Ant2	5745	12.75	100.00	0.00	12.75	≤30.00	PASS
		5785	12.33	100.00	0.00	12.33	≤30.00	PASS
		5825	11.84	100.00	0.00	11.84	≤30.00	PASS
11N20SISO	Ant2	5745	12.53	100.00	0.00	12.53	≤30.00	PASS
		5785	12.46	100.00	0.00	12.46	≤30.00	PASS
		5825	11.99	100.00	0.00	11.99	≤30.00	PASS
11N40SISO	Ant2	5755	12.50	100.00	0.00	12.50	≤30.00	PASS
		5795	12.55	100.00	0.00	12.55	≤30.00	PASS
11AC20SISO	Ant2	5745	12.85	100.00	0.00	12.85	≤30.00	PASS
		5785	12.42	100.00	0.00	12.42	≤30.00	PASS
		5825	11.65	100.00	0.00	11.65	≤30.00	PASS
11AC40SISO	Ant2	5755	12.06	100.00	0.00	12.06	≤30.00	PASS
		5795	12.11	100.00	0.00	12.11	≤30.00	PASS
11AC80SISO	Ant2	5775	11.52	100.00	0.00	11.52	≤30.00	PASS

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-1.77	≤30.00	PASS
		5785	-2.25	≤30.00	PASS
		5825	-2.55	≤30.00	PASS
11N20SISO	Ant2	5745	-2.36	≤30.00	PASS
		5785	-2.30	≤30.00	PASS
		5825	-2.59	≤30.00	PASS
11N40SISO	Ant2	5755	-5.11	≤30.00	PASS
		5795	-4.99	≤30.00	PASS
11AC20SISO	Ant2	5745	-1.88	≤30.00	PASS
		5785	-2.35	≤30.00	PASS
		5825	-3.12	≤30.00	PASS
11AC40SISO	Ant2	5755	-5.52	≤30.00	PASS
		5795	-5.42	≤30.00	PASS
11AC80SISO	Ant2	5775	-7.84	≤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_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



Appendix E.6:Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-40.33	≤-26.79	PASS
				5700~5720	-29.73	≤14.34	PASS
				5720~5725	-24.78	≤19.75	PASS
				5760~5650	-39.57	≤-27	PASS
		High	5825	5850~5855	-32.27	≤16.65	PASS
				5855~5875	-37.26	≤11.53	PASS
				5875~5925	-39.09	≤-26.81	PASS
				5925~5935	-38.67	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-40.08	≤-26.53	PASS
				5700~5720	-28.09	≤15.18	PASS
				5720~5725	-21.08	≤21.85	PASS
				5760~5650	-39.91	≤-27	PASS
		High	5825	5850~5855	-33.29	≤16.96	PASS
				5855~5875	-34.6	≤14.37	PASS
				5875~5925	-39.03	≤-26.81	PASS
				5925~5935	-38.23	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-40.86	≤-26.70	PASS
				5700~5720	-19.69	≤15.39	PASS
				5720~5725	-20	≤18.20	PASS
				5780~5650	-39.37	≤-27	PASS
		High	5795	5850~5855	-37.34	≤16.79	PASS
				5855~5875	-39.11	≤10.02	PASS
				5875~5925	-37.77	≤-26.95	PASS
				5925~5935	-37.62	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-40.77	≤-26.70	PASS
				5700~5720	-27.29	≤15.56	PASS
				5720~5725	-17.37	≤24.21	PASS
				5760~5650	-38.35	≤-27	PASS
		High	5825	5850~5855	-37.56	≤15.73	PASS
				5855~5875	-34.27	≤14.44	PASS
				5875~5925	-39.15	≤-26.71	PASS
				5925~5935	-38.53	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-38.84	≤-25.41	PASS
				5700~5720	-21.04	≤15.39	PASS
				5720~5725	-21.39	≤16.97	PASS
				5780~5650	-39.53	≤-27	PASS

		High	5795	5850~5855	-37.36	≤ 16.03	PASS
				5855~5875	-38.62	≤ 10.29	PASS
				5875~5925	-39.82	≤ -26.46	PASS
				5925~5935	-38.59	≤ -27	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-37.14	≤ -26.34	PASS
				5700~5720	-26.4	≤ 11.70	PASS
				5720~5725	-26.87	≤ 15.65	PASS
				5800~5650	-36.27	≤ -27	PASS
		High	5775	5850~5855	-27.88	≤ 17.53	PASS
				5855~5875	-30.27	≤ 13.35	PASS
				5875~5925	-38.88	≤ -26.19	PASS
				5925~5935	-38.64	≤ -27	PASS

Test GraphsB4





11N20SISO_Ant2_High_5825



11N40SISO_Ant2_Low_5755



11N40SISO_Ant2_High_5795



11AC20SISO_Ant2_Low_5745



11AC20SISO_Ant2_High_5825



11AC40SISO_Ant2_Low_5755



11AC40SISO_Ant2_High_5795



11AC80SISO_Ant2_Low_5775



11AC80SISO_Ant2_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	Ant2	5745	30~5650	5461.92	-40.55	≤-27	PASS
			5925~27000	24236.37	-31.95	≤-27	PASS
		5785	30~5650	5463.04	-39.47	≤-27	PASS
			5925~27000	24881.26	-31.8	≤-27	PASS
		5825	30~5650	5443	-39.83	≤-27	PASS
			5925~27000	26504.74	-30.73	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5388.11	-40.16	≤-27	PASS
			5925~27000	24319.26	-32.32	≤-27	PASS
		5785	30~5650	3044.01	-38.98	≤-27	PASS
			5925~27000	24246.9	-31.91	≤-27	PASS
		5825	30~5650	5478.96	-40.14	≤-27	PASS
			5925~27000	26605.9	-31.99	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	5486.27	-40.73	≤-27	PASS
			5925~27000	26865.12	-32.11	≤-27	PASS
		5795	30~5650	5489.27	-39.36	≤-27	PASS
			5925~27000	26520.9	-31.77	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	4912.84	-40.42	≤-27	PASS
			5925~27000	26919.92	-32.82	≤-27	PASS
		5785	30~5650	4963.8	-39.9	≤-27	PASS
			5925~27000	26763.26	-30.48	≤-27	PASS
		5825	30~5650	5449.74	-39.61	≤-27	PASS
			5925~27000	25110.28	-30.72	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	2647.8	-40.4	≤-27	PASS
			5925~27000	24218.1	-32.01	≤-27	PASS
		5795	30~5650	2891.7	-40.19	≤-27	PASS
			5925~27000	24289.05	-31.12	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	5634.45	-38.8	≤-27	PASS
			5925~27000	26742.18	-31.75	≤-27	PASS

Test Graphs

11A_Ant2_5745_30~5650



11A_Ant2_5745_5925~27000



11A_Ant2_5785_30~5650



11A_Ant2_5785_5925~27000



11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~27000



11N20SISO_Ant2_5745_30~5650



11N20SISO_Ant2_5745_5925~27000



11N20SISO_Ant2_5785_30~5650



11N20SISO_Ant2_5785_5925~27000



11N20SISO_Ant2_5825_30~5650



11N20SISO_Ant2_5825_5925~27000



11N40SISO_Ant2_5755_30~5650



11N40SISO_Ant2_5755_5925~27000



11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~27000



11AC20SISO_Ant2_5745_30~5650



11AC20SISO_Ant2_5745_5925~27000



11AC20SISO_Ant2_5785_30~5650



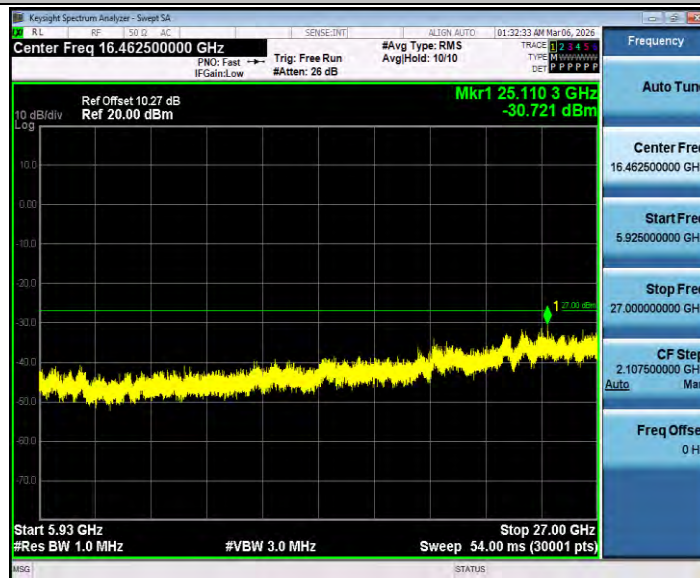
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11AC20SISO_Ant2_5825_30~5650



11AC20SISO_Ant2_5825_5925~27000



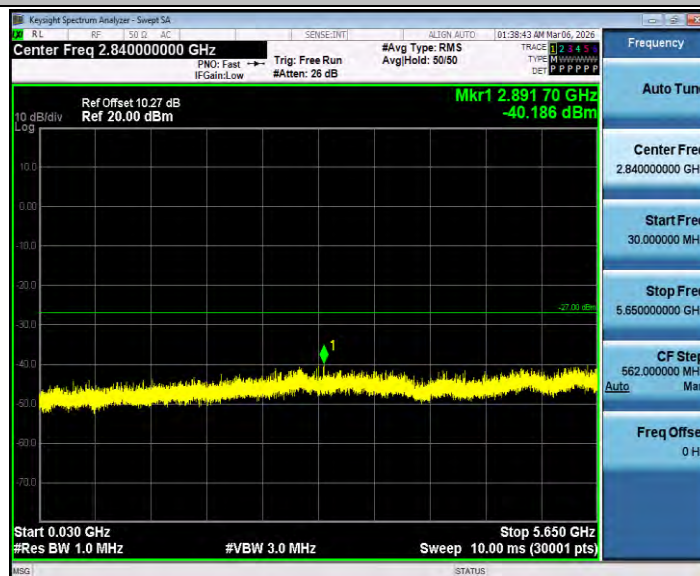
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11AC40SISO_Ant2_5755_5925~27000



11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~27000



11AC80SISO_Ant2_5775_30~5650



11AC80SISO_Ant2_5775_5925~27000

