

Case No. : <u>GTS20260718003-1-04</u>
Ambient Condition: <u>23</u> °C, <u>53</u> %RH
According Standard: <u>■Part15E</u>
Test Date: <u>2026.7.24-2026.8.12</u> Test Engineer: <u>Evan ouyang</u>

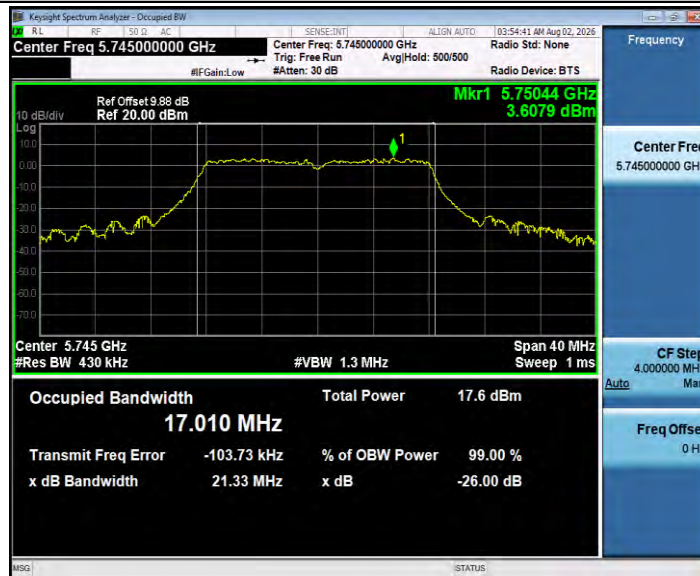
AppendixE.1: Occupied channel bandwidth

Test Result

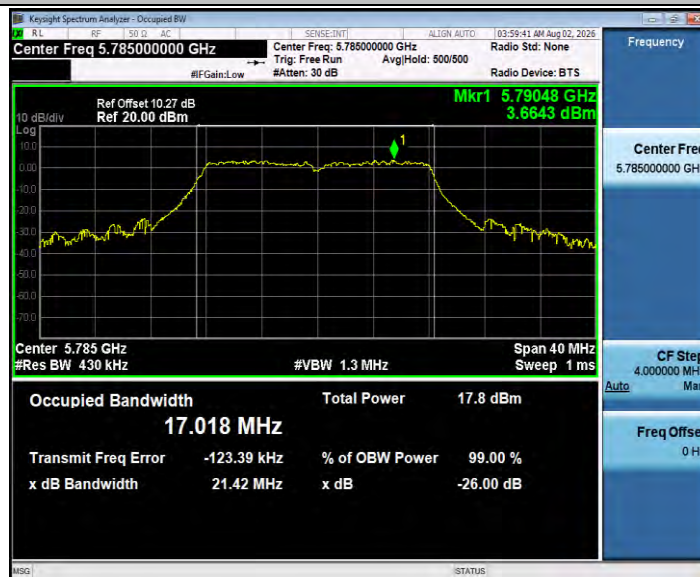
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	17.010	5736.3913	5753.4013	---	---
		5785	17.018	5776.3676	5793.3856	---	---
		5825	17.023	5816.3707	5833.3937	---	---
11N20SISO	Ant2	5745	17.964	5735.9552	5753.9192	---	---
		5785	17.941	5775.9463	5793.8873	---	---
		5825	17.968	5815.9555	5833.9235	---	---
11N40SISO	Ant2	5755	36.642	5736.6828	5773.3248	---	---
		5795	36.654	5776.6591	5813.3131	---	---
11AC20SISO	Ant2	5745	18.001	5735.9468	5753.9478	---	---
		5785	17.986	5775.9331	5793.9191	---	---
		5825	17.992	5815.9403	5833.9323	---	---
11AC40SISO	Ant2	5755	36.643	5736.7028	5773.3458	---	---
		5795	36.627	5776.6407	5813.2677	---	---
11AC80SISO	Ant2	5775	75.815	5737.0652	5812.8802	---	---

Test Graphs

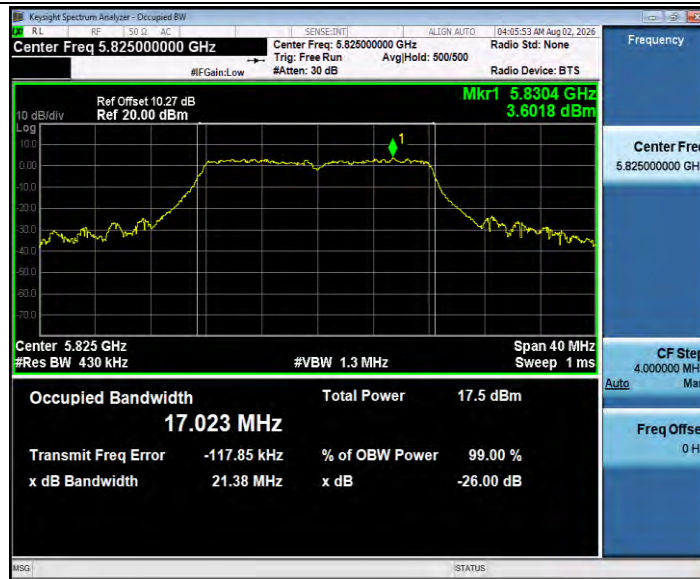
11A_Ant2_5745



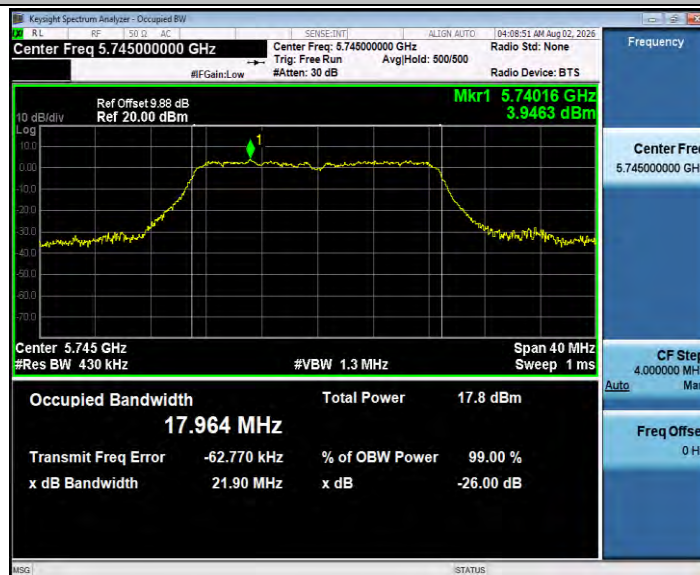
11A_Ant2_5785



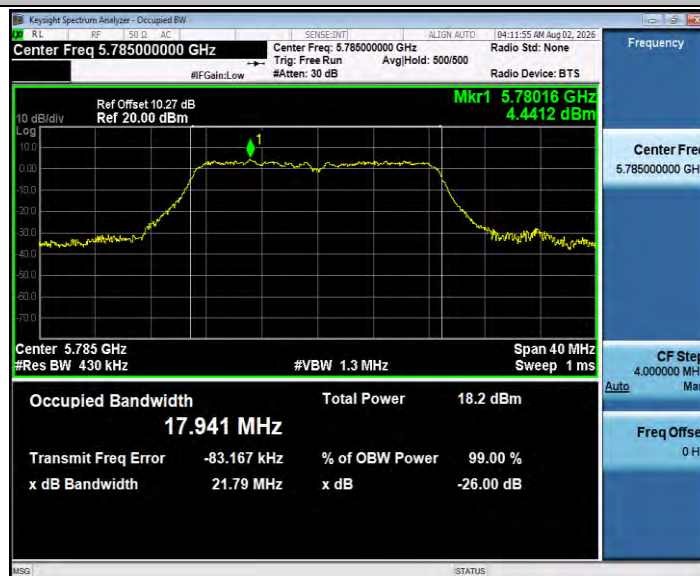
11A_Ant2_5825



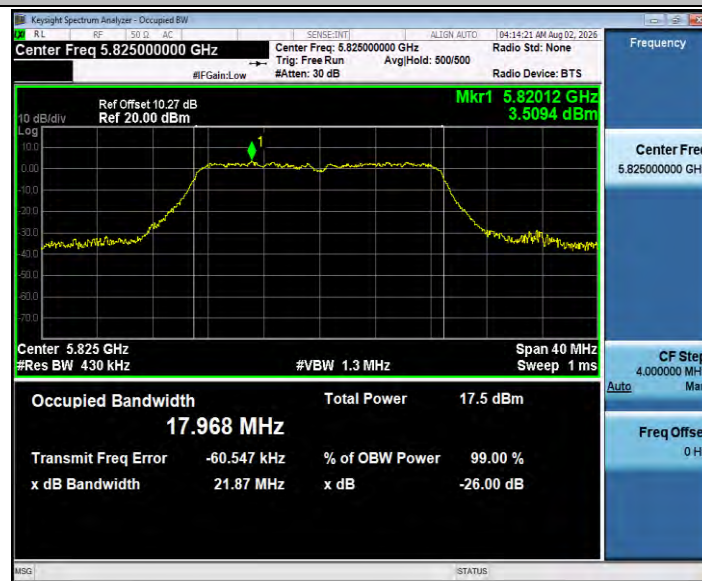
11N20SISO_Ant2_5745



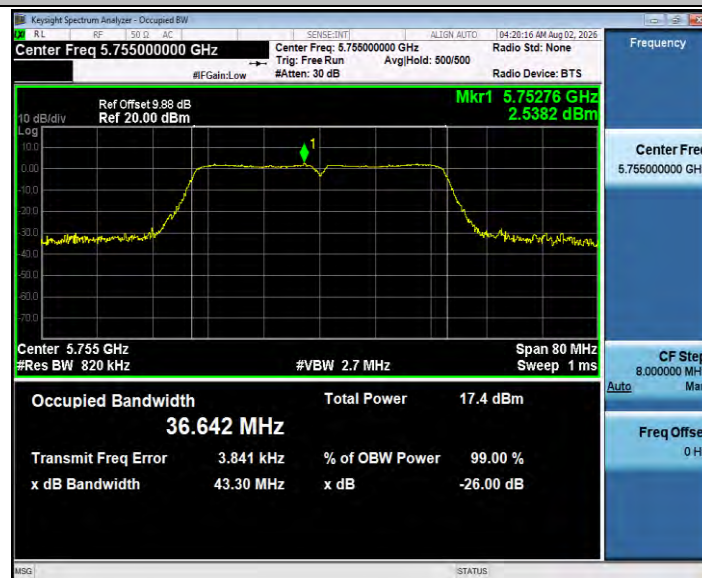
11N20SISO_Ant2_5785



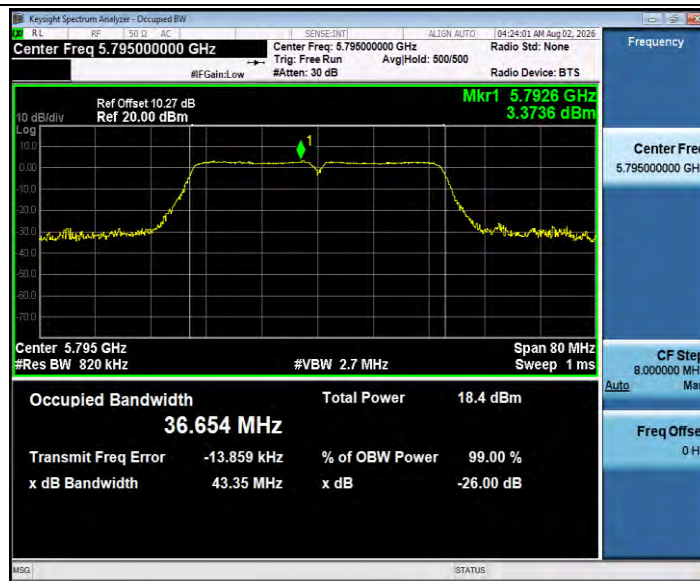
11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



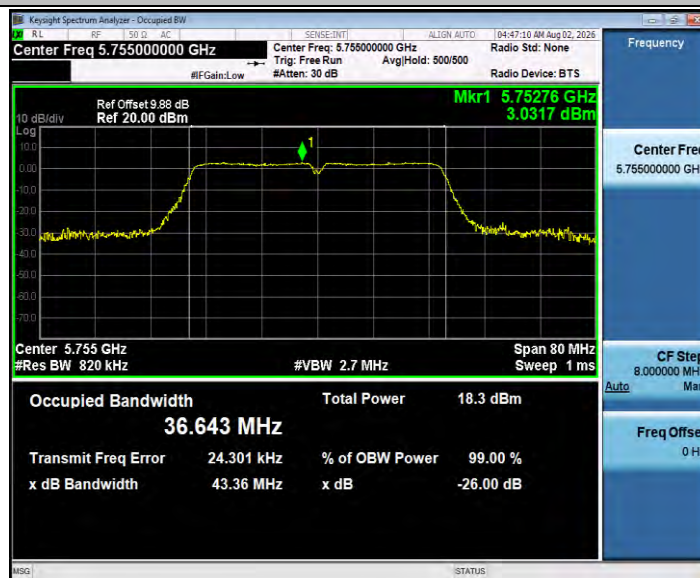
11AC20SISO_Ant2_5785



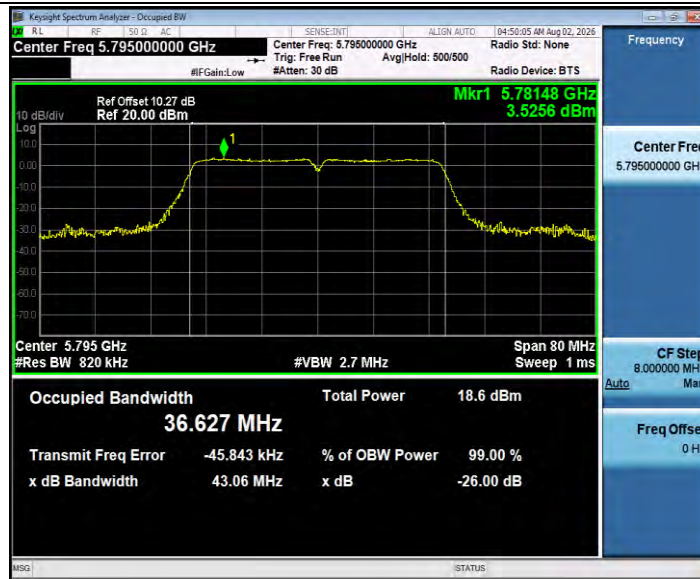
11AC20SISO_Ant2_5825



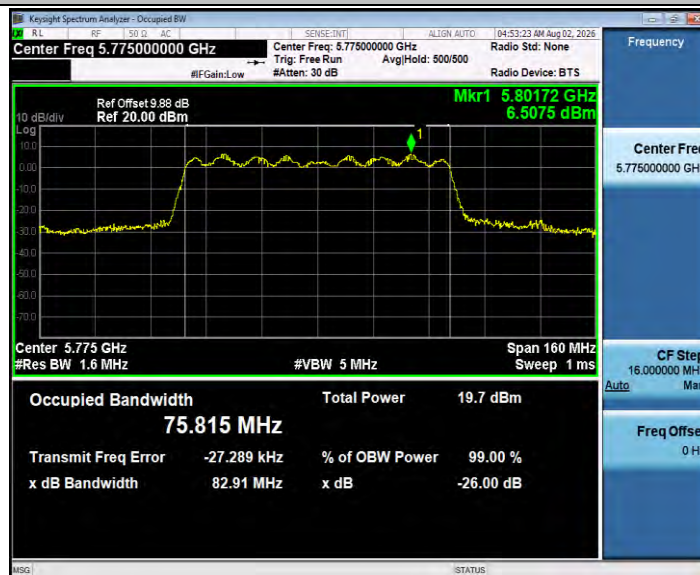
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



AppendixE.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Freq(MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.520	5736.720	5753.240	0.5	PASS
		5785	16.520	5776.720	5793.240	0.5	PASS
		5825	16.520	5816.720	5833.240	0.5	PASS
11N20SISO	Ant2	5745	17.640	5736.160	5753.800	0.5	PASS
		5785	17.640	5776.160	5793.800	0.5	PASS
		5825	17.680	5816.120	5833.800	0.5	PASS
11N40SISO	Ant2	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC20SISO	Ant2	5745	17.640	5736.160	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	Ant2	5755	36.400	5736.760	5773.160	0.5	PASS
		5795	36.400	5776.760	5813.160	0.5	PASS
11AC80SISO	Ant2	5775	76.320	5736.760	5813.080	0.5	PASS

Test Graphs B4





11N20SISO_Ant2_5745



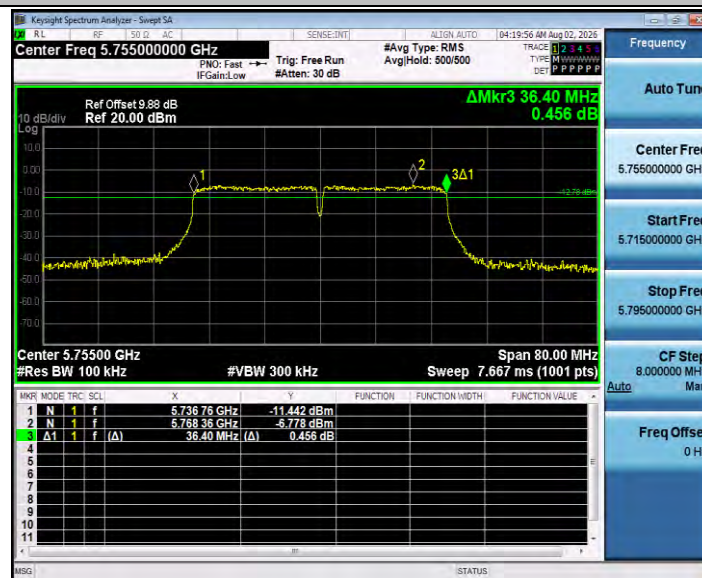
11N20SISO_Ant2_5785



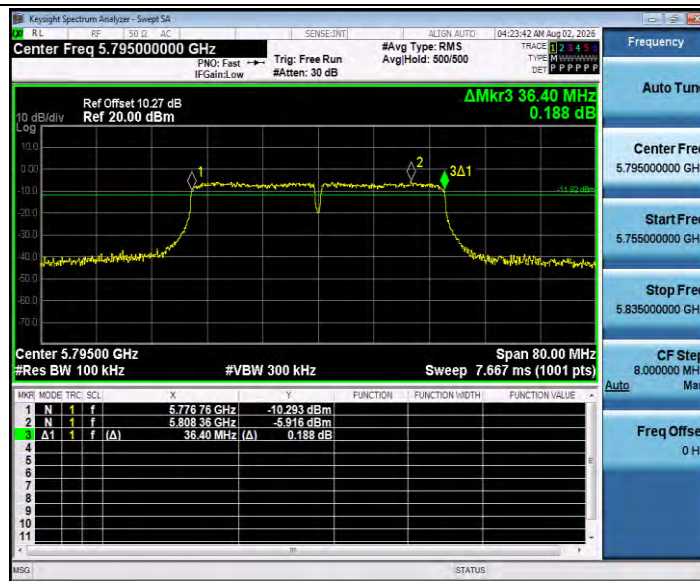
11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



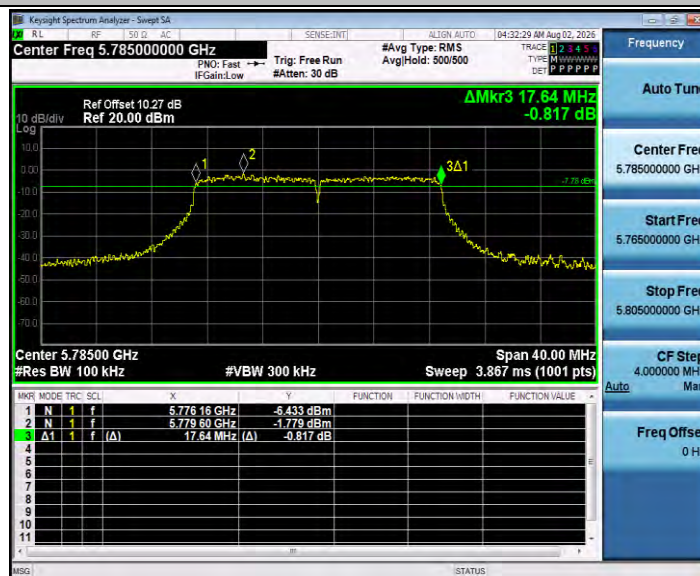
11N40SISO_Ant2_5795



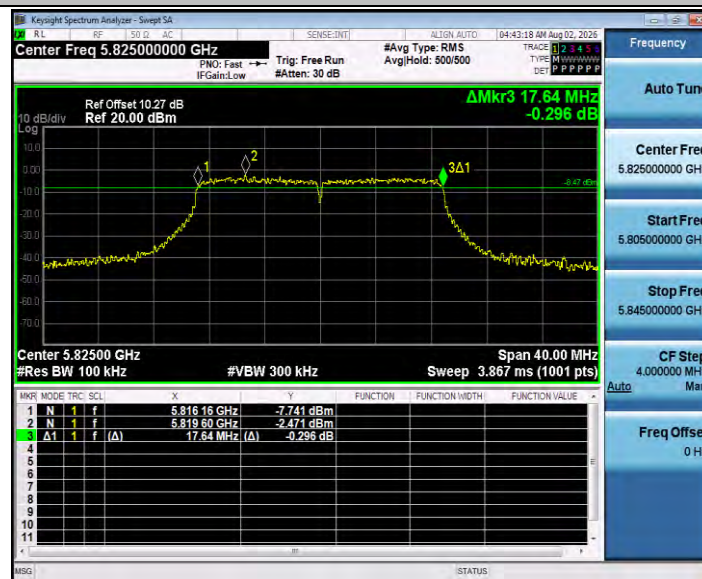
11AC20SISO_Ant2_5745



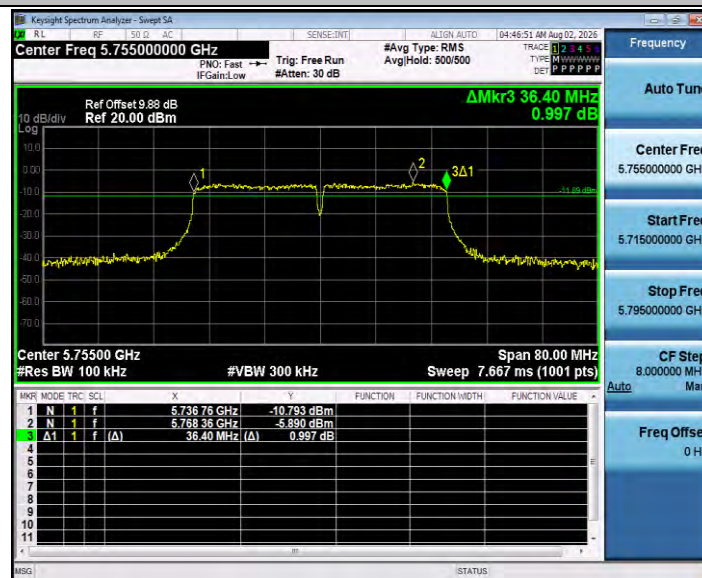
11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



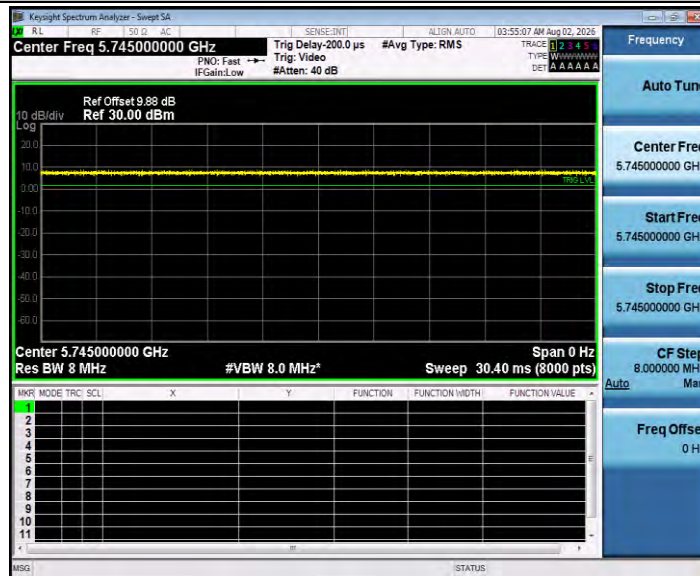
Appendix E.3: Duty Cycle

Test Result

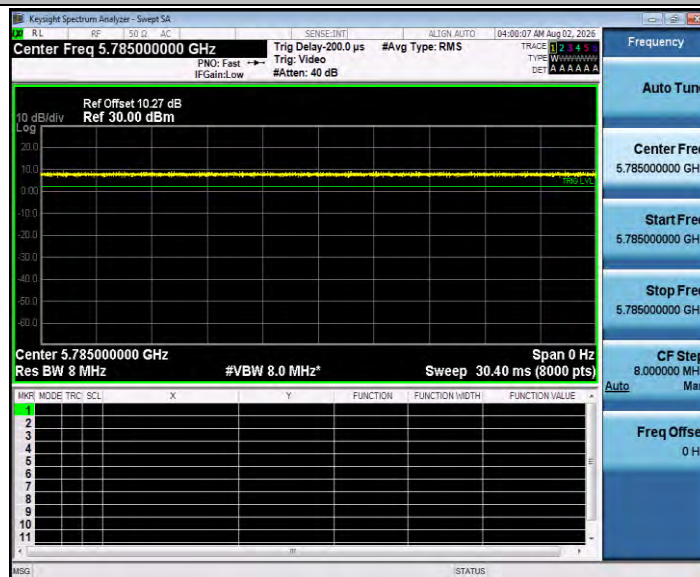
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785	30.00	30.00	100.00	0.00	0.03
		5825	30.00	30.00	100.00	0.00	0.03
11N20SISO	Ant2	5745	30.00	30.00	100.00	0.00	0.03
		5785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

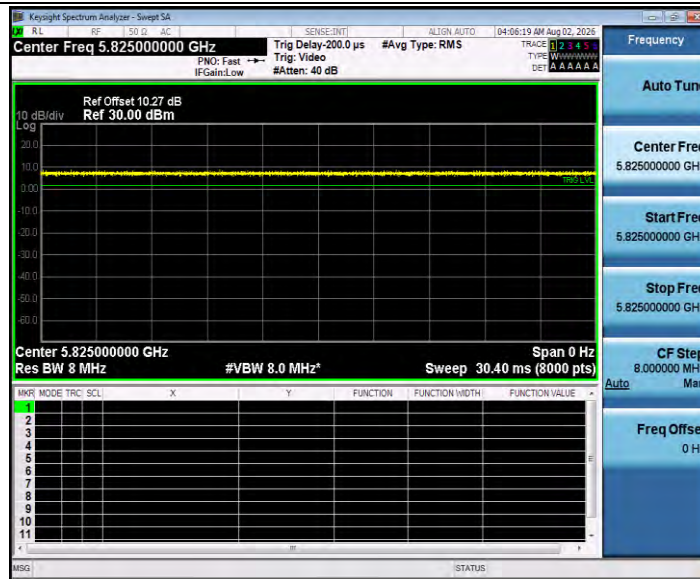
11A_Ant2_5745



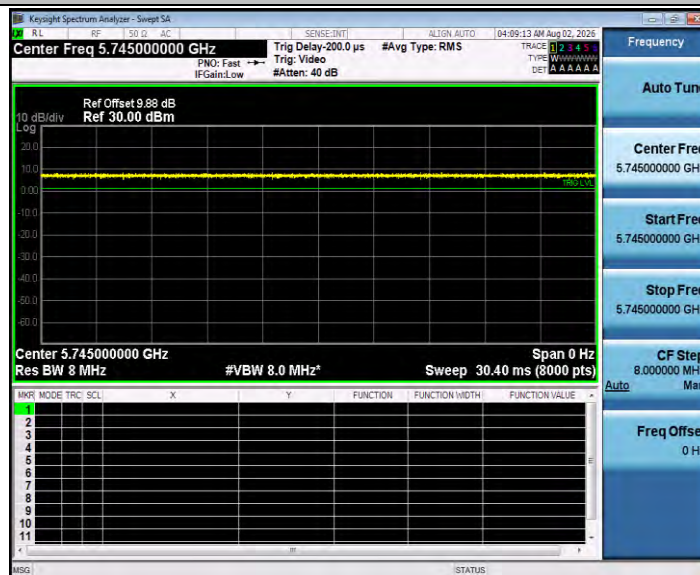
11A_Ant2_5785



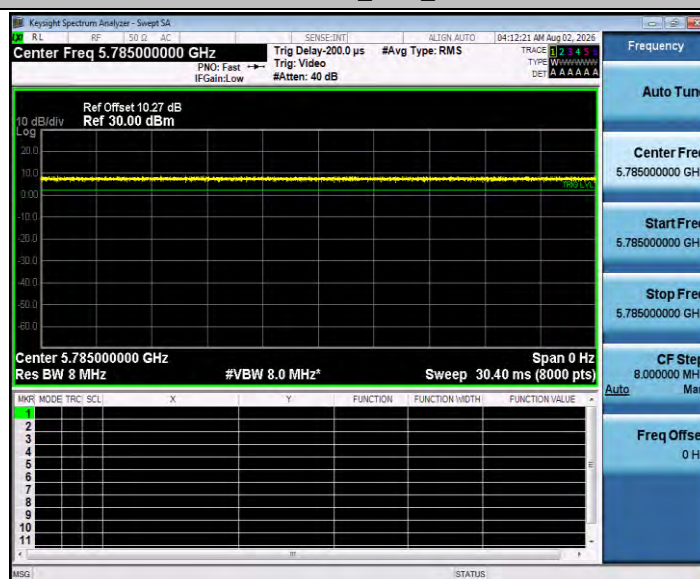
11A_Ant2_5825



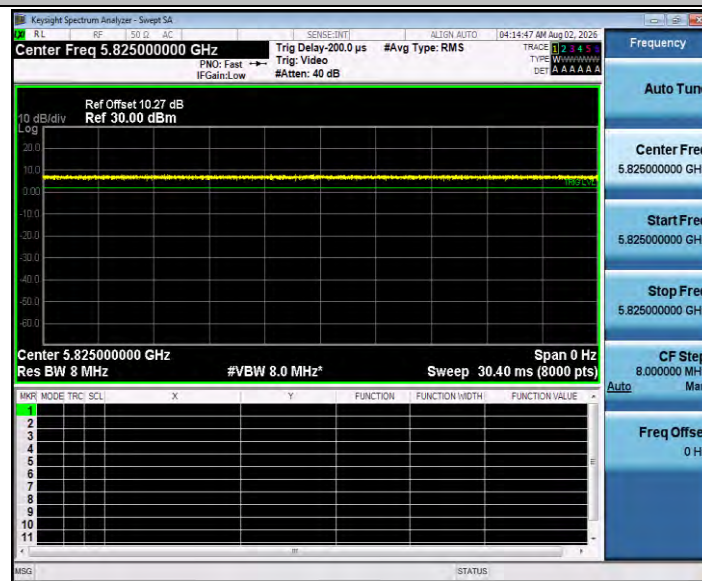
11N20SISO_Ant2_5745



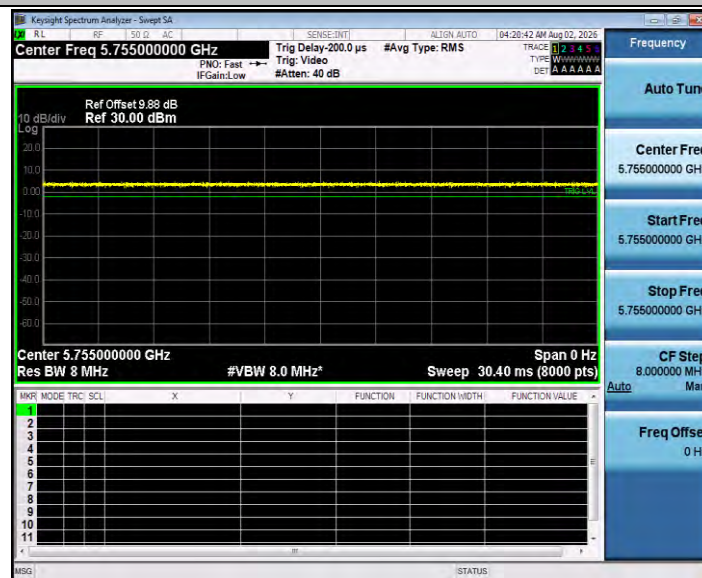
11N20SISO_Ant2_5785



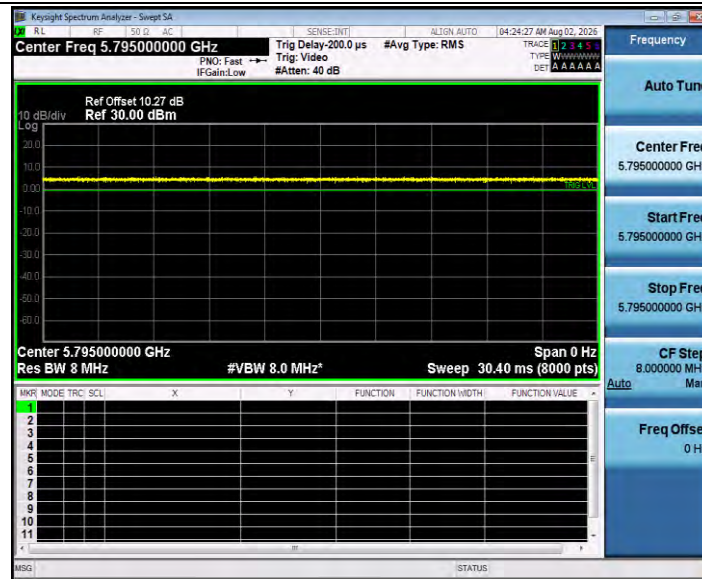
11N20SISO_Ant2_5825



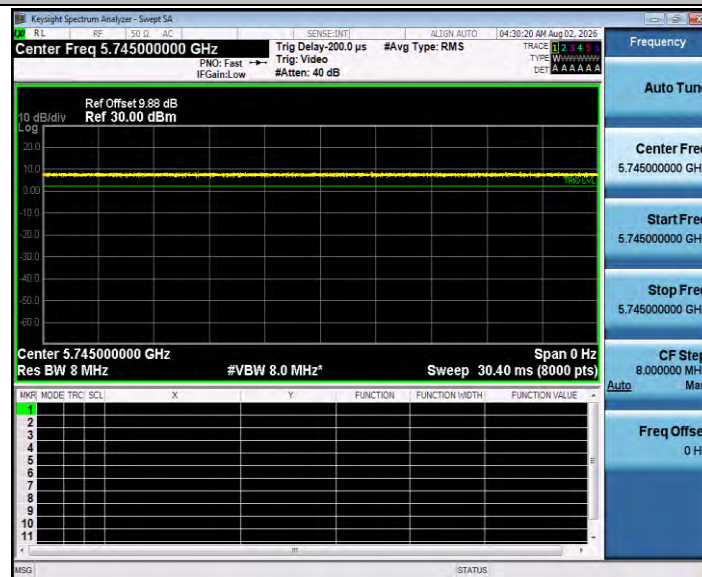
11N40SISO_Ant2_5755



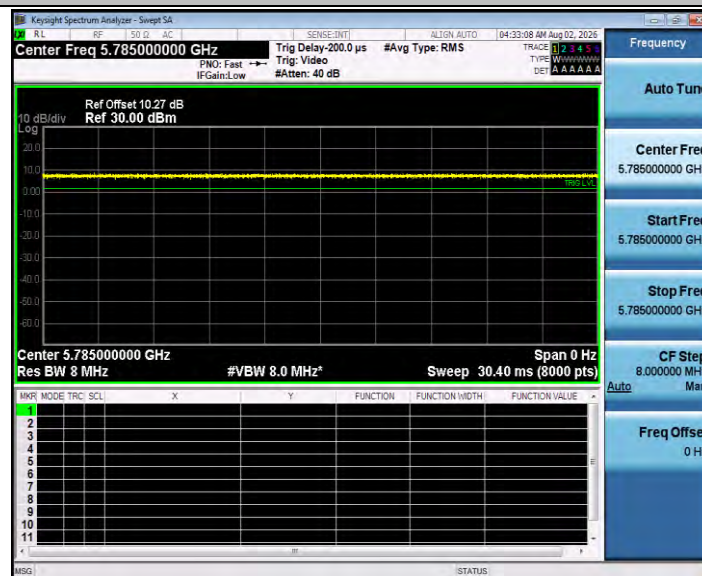
11N40SISO_Ant2_5795



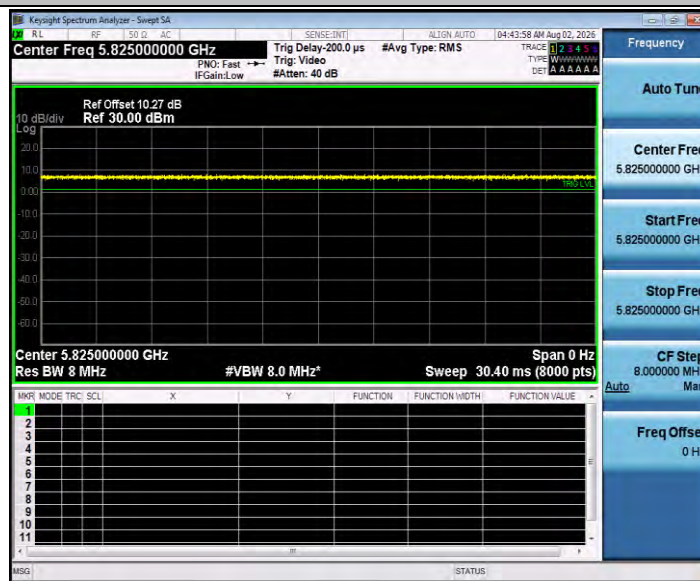
11AC20SISO_Ant2_5745



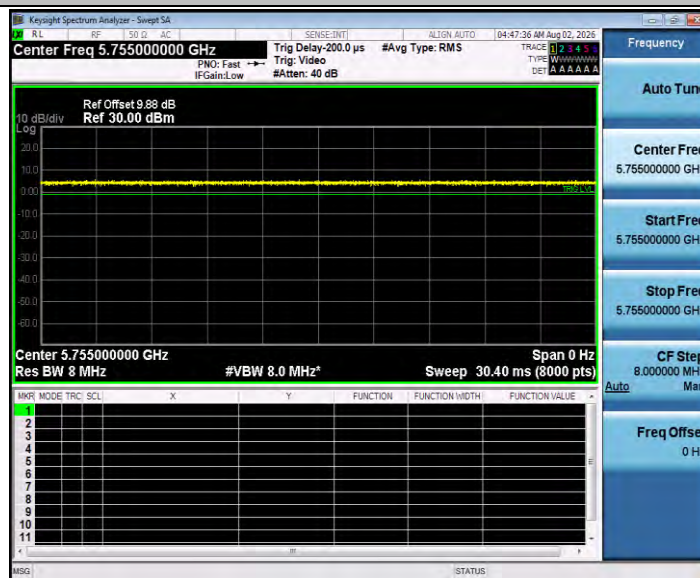
11AC20SISO_Ant2_5785



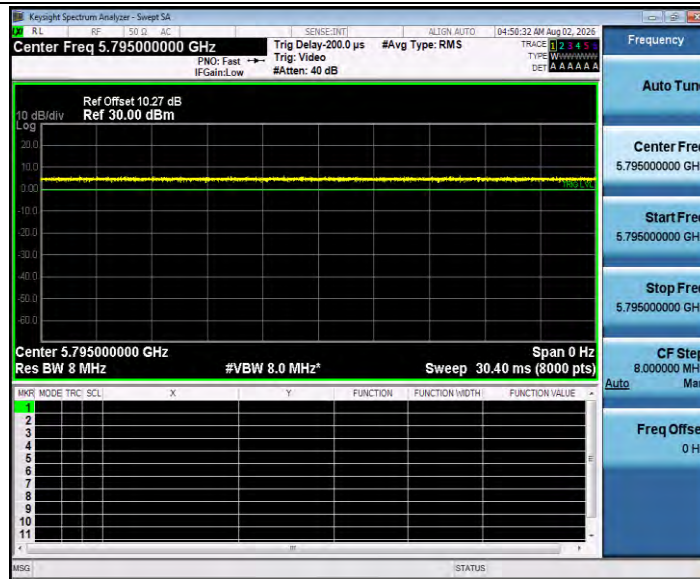
11AC20SISO_Ant2_5825



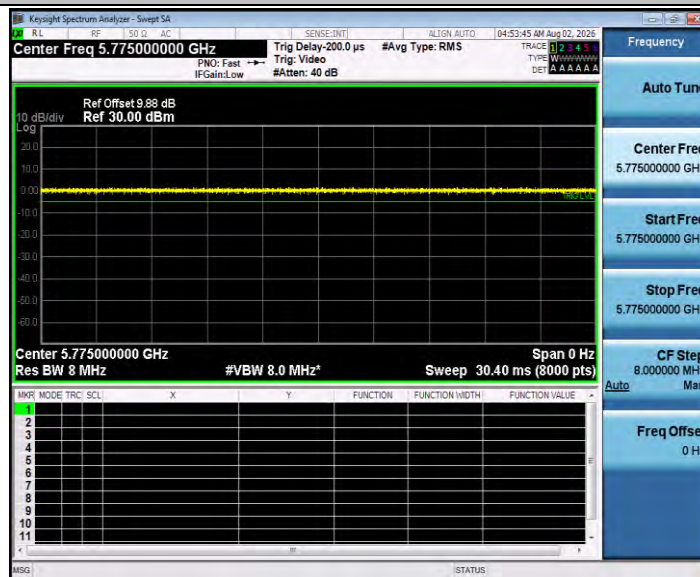
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



AppendixE.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	Ant2	5745	11.07	100.00	0.00	11.07	≤30.00	PASS
		5785	11.29	100.00	0.00	11.29	≤30.00	PASS
		5825	11.07	100.00	0.00	11.07	≤30.00	PASS
11N20SISO	Ant2	5745	11.16	100.00	0.00	11.16	≤30.00	PASS
		5785	11.55	100.00	0.00	11.55	≤30.00	PASS
		5825	10.92	100.00	0.00	10.92	≤30.00	PASS
11N40SISO	Ant2	5755	10.29	100.00	0.00	10.29	≤30.00	PASS
		5795	11.30	100.00	0.00	11.30	≤30.00	PASS
11AC20SISO	Ant2	5745	11.58	100.00	0.00	11.58	≤30.00	PASS
		5785	11.52	100.00	0.00	11.52	≤30.00	PASS
		5825	10.91	100.00	0.00	10.91	≤30.00	PASS
11AC40SISO	Ant2	5755	11.15	100.00	0.00	11.15	≤30.00	PASS
		5795	11.46	100.00	0.00	11.46	≤30.00	PASS
11AC80SISO	Ant2	5775	10.89	100.00	0.00	10.89	≤30.00	PASS

AppendixE.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-3.42	≤30.00	PASS
		5785	-2.93	≤30.00	PASS
		5825	-3.40	≤30.00	PASS
11N20SISO	Ant2	5745	-3.55	≤30.00	PASS
		5785	-3.21	≤30.00	PASS
		5825	-3.71	≤30.00	PASS
11N40SISO	Ant2	5755	-7.24	≤30.00	PASS
		5795	-6.35	≤30.00	PASS
11AC20SISO	Ant2	5745	-3.19	≤30.00	PASS
		5785	-3.25	≤30.00	PASS
		5825	-3.81	≤30.00	PASS
11AC40SISO	Ant2	5755	-6.42	≤30.00	PASS
		5795	-6.14	≤30.00	PASS
11AC80SISO	Ant2	5775	-8.66	≤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 Factorand RBW Factoriscompensatedinthegraph.

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



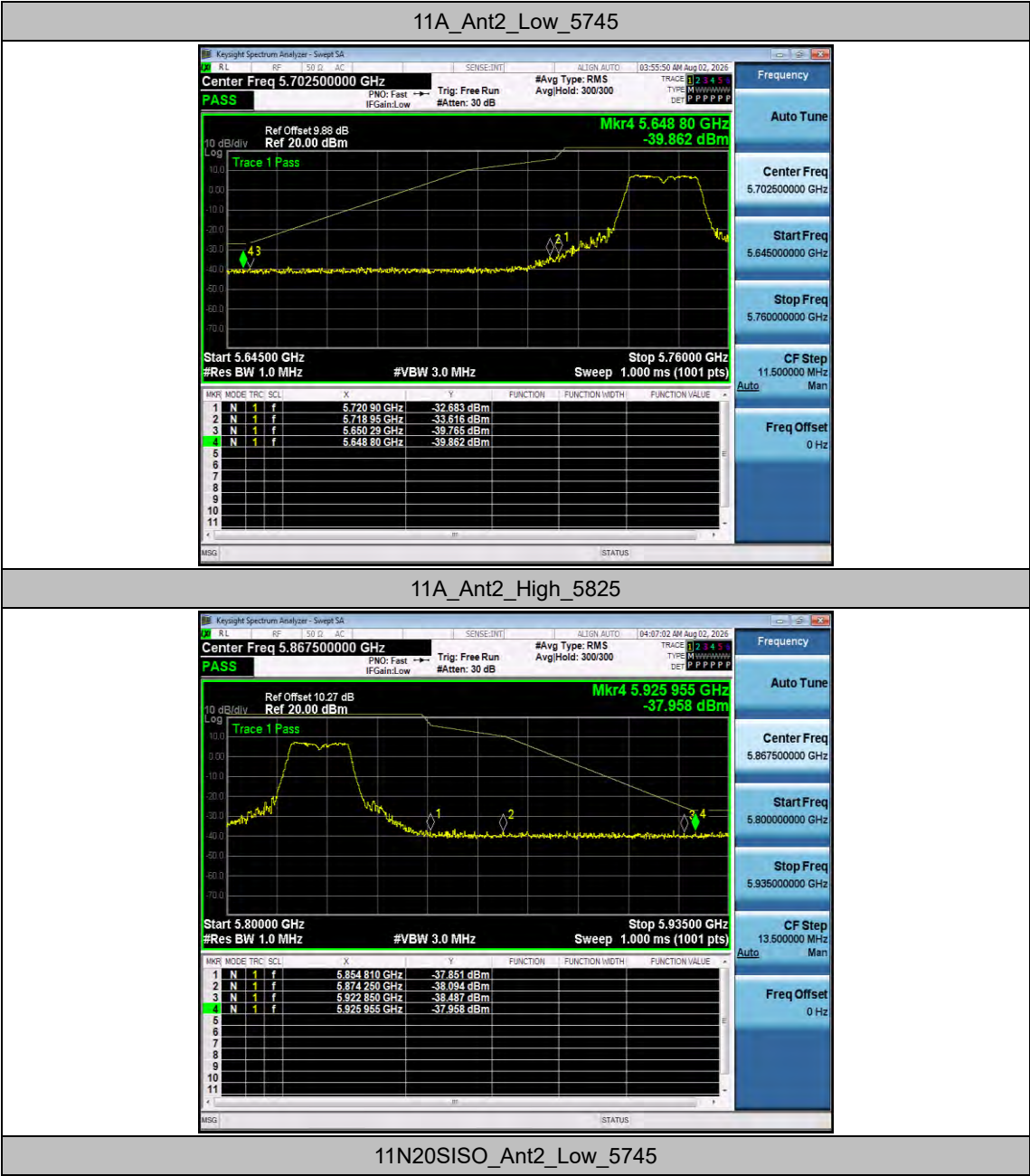
Appendix E.6: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Freq(MHz)	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	Low	5745	5650~5700	-39.77	≤-26.79	PASS
				5700~5720	-33.62	≤15.30	PASS
				5720~5725	-32.68	≤17.65	PASS
				5760~5650	-39.86	≤-27	PASS
		High	5825	5850~5855	-37.85	≤16.03	PASS
				5855~5875	-38.09	≤10.21	PASS
				5875~5925	-38.49	≤-25.41	PASS
				5925~5935	-37.96	≤-27	PASS
11N20SI SO	Ant2	Low	5745	5650~5700	-39.53	≤-26.79	PASS
				5700~5720	-31.85	≤14.95	PASS
				5720~5725	-33.73	≤16.34	PASS
				5760~5650	-39.33	≤-27	PASS
		High	5825	5850~5855	-38.66	≤15.73	PASS
				5855~5875	-38.47	≤10.74	PASS
				5875~5925	-38.98	≤-26.61	PASS
				5925~5935	-38.64	≤-27	PASS
11N40SI SO	Ant2	Low	5755	5650~5700	-40.09	≤-26.80	PASS
				5700~5720	-28.41	≤15.28	PASS
				5720~5725	-30.77	≤15.74	PASS
				5780~5650	-38.65	≤-27	PASS
		High	5795	5850~5855	-38.79	≤16.03	PASS
				5855~5875	-37.16	≤11.59	PASS
				5875~5925	-38.7	≤-26.34	PASS
				5925~5935	-38.5	≤-27	PASS
11AC20S ISO	Ant2	Low	5745	5650~5700	-40.03	≤-26.62	PASS
				5700~5720	-31.31	≤14.60	PASS
				5720~5725	-31.59	≤16.87	PASS
				5760~5650	-38.04	≤-27	PASS
		High	5825	5850~5855	-35.06	≤16.96	PASS
				5855~5875	-38.43	≤10.63	PASS
				5875~5925	-38.19	≤-26.91	PASS
				5925~5935	-38.05	≤-27	PASS
11AC40S ISO	Ant2	Low	5755	5650~5700	-39.93	≤-26.90	PASS
				5700~5720	-27.86	≤15.20	PASS
				5720~5725	-29.36	≤16.66	PASS
				5780~5650	-39.15	≤-27	PASS

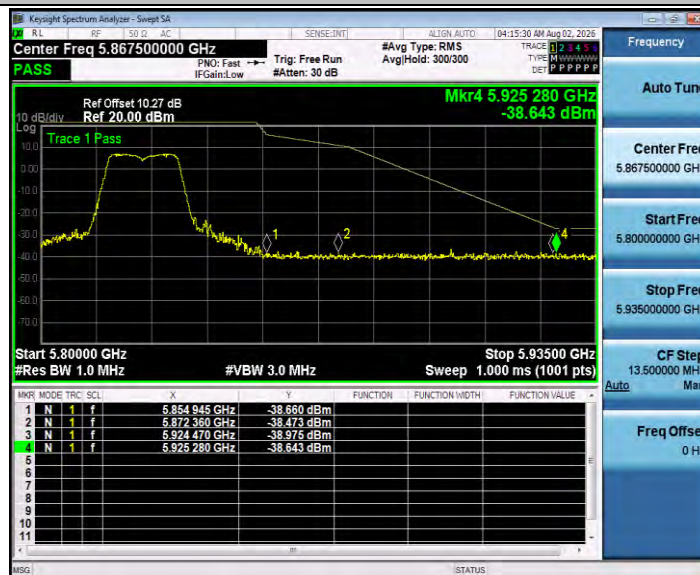
		High	5795	5850~5855	-39.16	≤ 16.41	PASS
				5855~5875	-38.69	≤ 10.48	PASS
				5875~5925	-39.68	≤ -26.95	PASS
				5925~5935	-38.05	≤ -27	PASS
11AC80S ISO	Ant2	Low	5775	5650~5700	-39.18	≤ -26.57	PASS
				5700~5720	-32.23	≤ 10.48	PASS
				5720~5725	-30.83	≤ 17.06	PASS
				5800~5650	-38.27	≤ -27	PASS
		High	5775	5850~5855	-33.29	≤ 16.68	PASS
				5855~5875	-35.06	≤ 11.69	PASS
				5875~5925	-38.42	≤ -25.50	PASS
				5925~5935	-38.43	≤ -27	PASS

Test GraphsB4

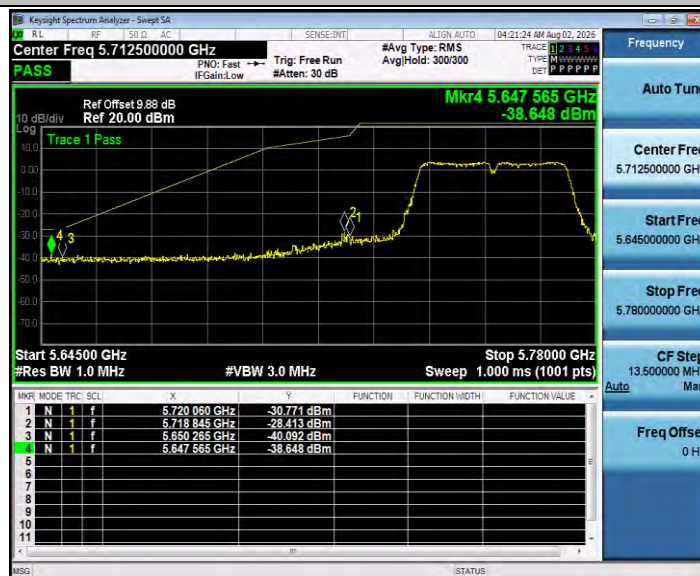




11N20SISO_Ant2_High_5825



11N40SISO_Ant2_Low_5755



11N40SISO_Ant2_High_5795



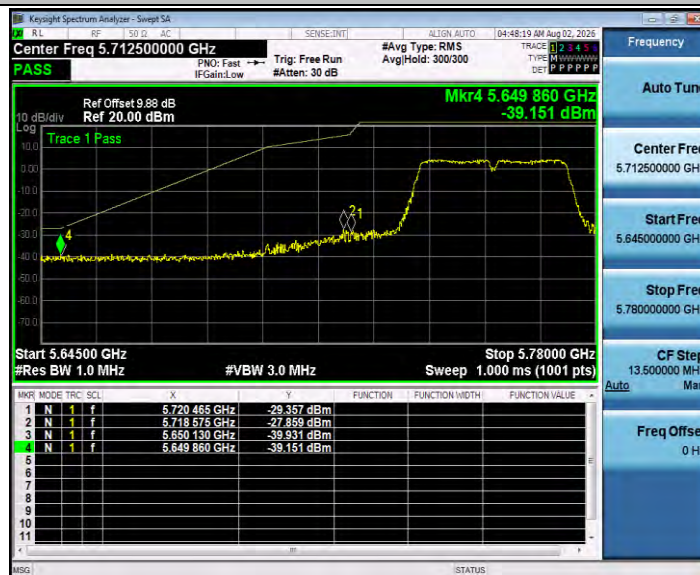
11AC20SISO_Ant2_Low_5745



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	3070.42	-40.48	≤-27	PASS
			5925~27000	24091.65	-31.8	≤-27	PASS
		5785	30~5650	5439.62	-39.63	≤-27	PASS
			5925~27000	26508.95	-31.32	≤-27	PASS
		5825	30~5650	2700.25	-40.17	≤-27	PASS
			5925~27000	24230.04	-31.03	≤-27	PASS
11N20SISO	Ant2	5745	30~5650	5431.01	-40.86	≤-27	PASS
			5925~27000	23601.31	-31.03	≤-27	PASS
		5785	30~5650	3085.97	-39.96	≤-27	PASS
			5925~27000	24284.84	-31.09	≤-27	PASS
		5825	30~5650	2588.04	-40.17	≤-27	PASS
			5925~27000	25177.01	-30.83	≤-27	PASS
11N40SISO	Ant2	5755	30~5650	4936.45	-40.1	≤-27	PASS
			5925~27000	25683.52	-30.08	≤-27	PASS
		5795	30~5650	3069.11	-40.3	≤-27	PASS
			5925~27000	24289.76	-31.22	≤-27	PASS
11AC20SISO	Ant2	5745	30~5650	3087.09	-40.38	≤-27	PASS
			5925~27000	23569.69	-31.39	≤-27	PASS
		5785	30~5650	4951.62	-39.89	≤-27	PASS
			5925~27000	26676.15	-31.89	≤-27	PASS
		5825	30~5650	5469.6	-38.47	≤-27	PASS
			5925~27000	26974.71	-31.38	≤-27	PASS
11AC40SISO	Ant2	5755	30~5650	2772.75	-40.86	≤-27	PASS
			5925~27000	25656.12	-31.81	≤-27	PASS
		5795	30~5650	4937.2	-40.38	≤-27	PASS
			5925~27000	24735.14	-31	≤-27	PASS
11AC80SISO	Ant2	5775	30~5650	2424.49	-39.91	≤-27	PASS
			5925~27000	26057.95	-31.69	≤-27	PASS

Test Graphs

11A_Ant2_5745_30~5650



11A_Ant2_5745_5925~27000



11A_Ant2_5785_30~5650



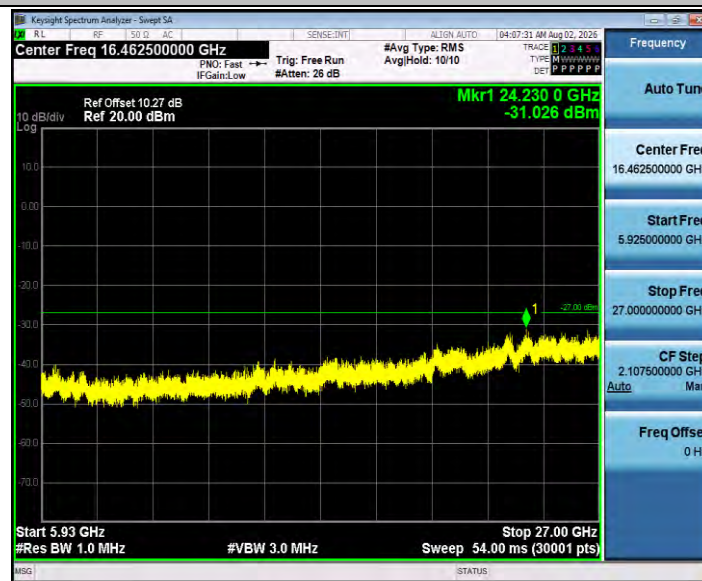
11A_Ant2_5785_5925~27000



11A_Ant2_5825_30~5650



11A_Ant2_5825_5925~27000



11N20SISO_Ant2_5745_30~5650



11N20SISO_Ant2_5745_5925~27000



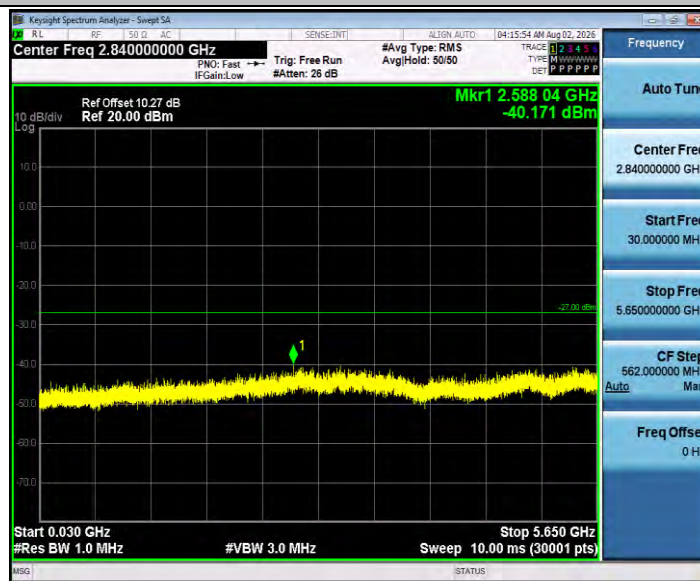
11N20SISO_Ant2_5785_30~5650



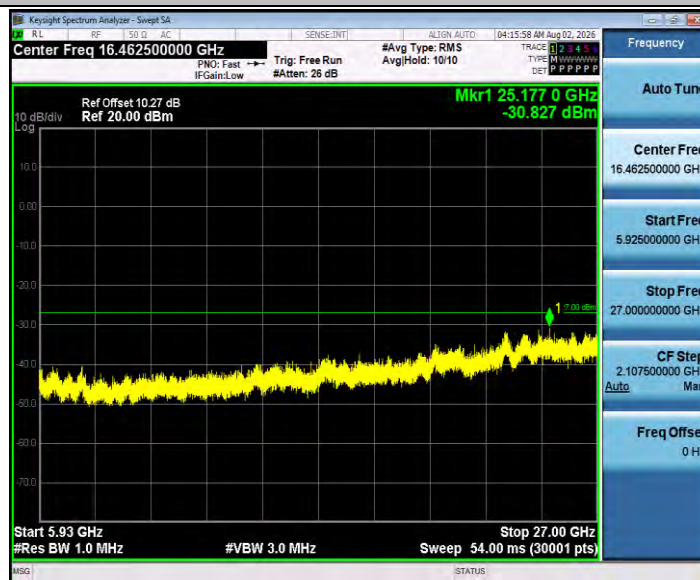
11N20SISO_Ant2_5785_5925~27000



11N20SISO_Ant2_5825_30~5650



11N20SISO_Ant2_5825_5925~27000



11N40SISO_Ant2_5755_30~5650



11N40SISO_Ant2_5755_5925~27000



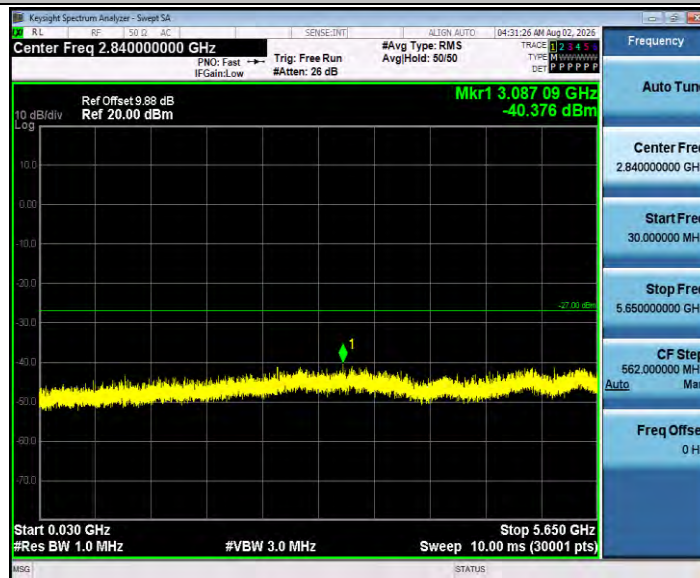
11N40SISO_Ant2_5795_30~5650



11N40SISO_Ant2_5795_5925~27000



11AC20SISO_Ant2_5745_30~5650



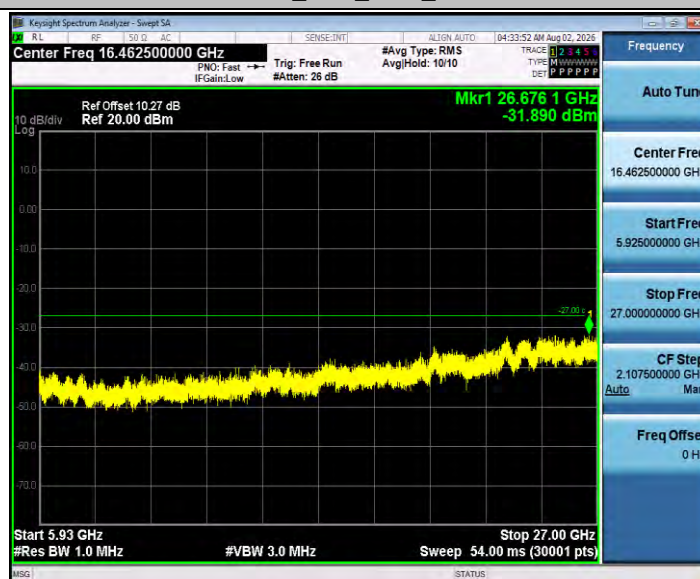
11AC20SISO_Ant2_5745_5925~27000



11AC20SISO_Ant2_5785_30~5650



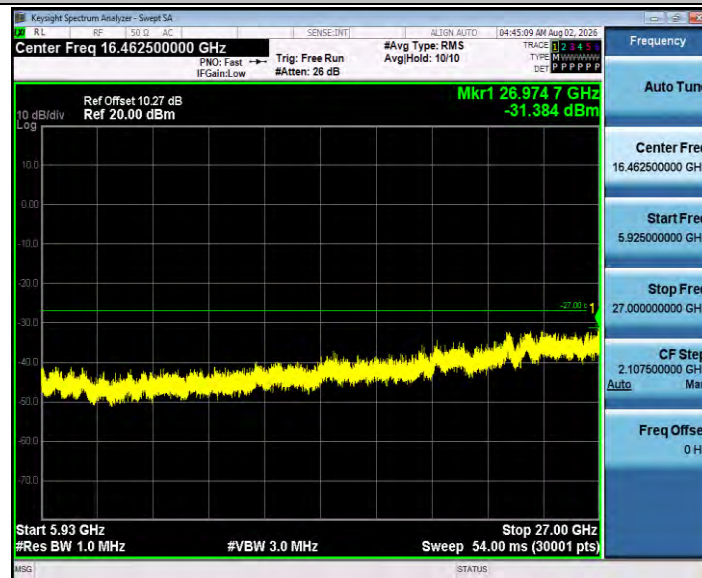
11AC20SISO_Ant2_5785_5925~27000



11AC20SISO_Ant2_5825_30~5650



11AC20SISO_Ant2_5825_5925~27000



11AC40SISO_Ant2_5755_30~5650



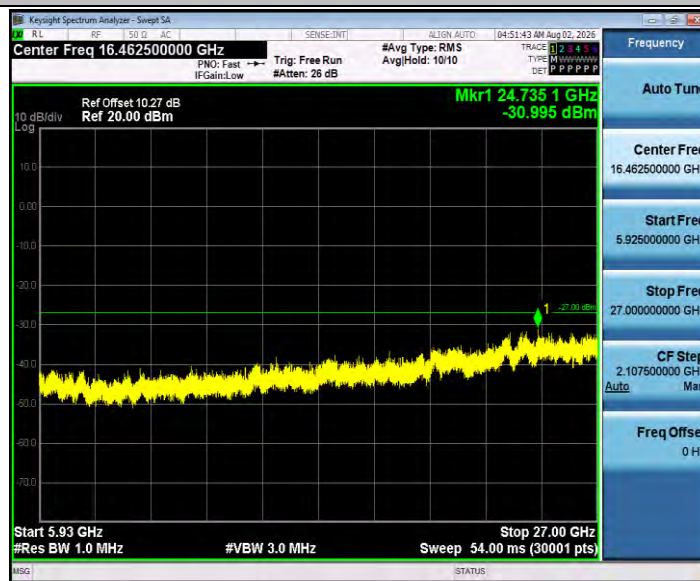
11AC40SISO_Ant2_5755_5925~27000



11AC40SISO_Ant2_5795_30~5650



11AC40SISO_Ant2_5795_5925~27000



11AC80SISO_Ant2_5775_30~5650



11AC80SISO_Ant2_5775_5925~27000



Appendix E.8: Emissions in Restricted Bands

Test Result

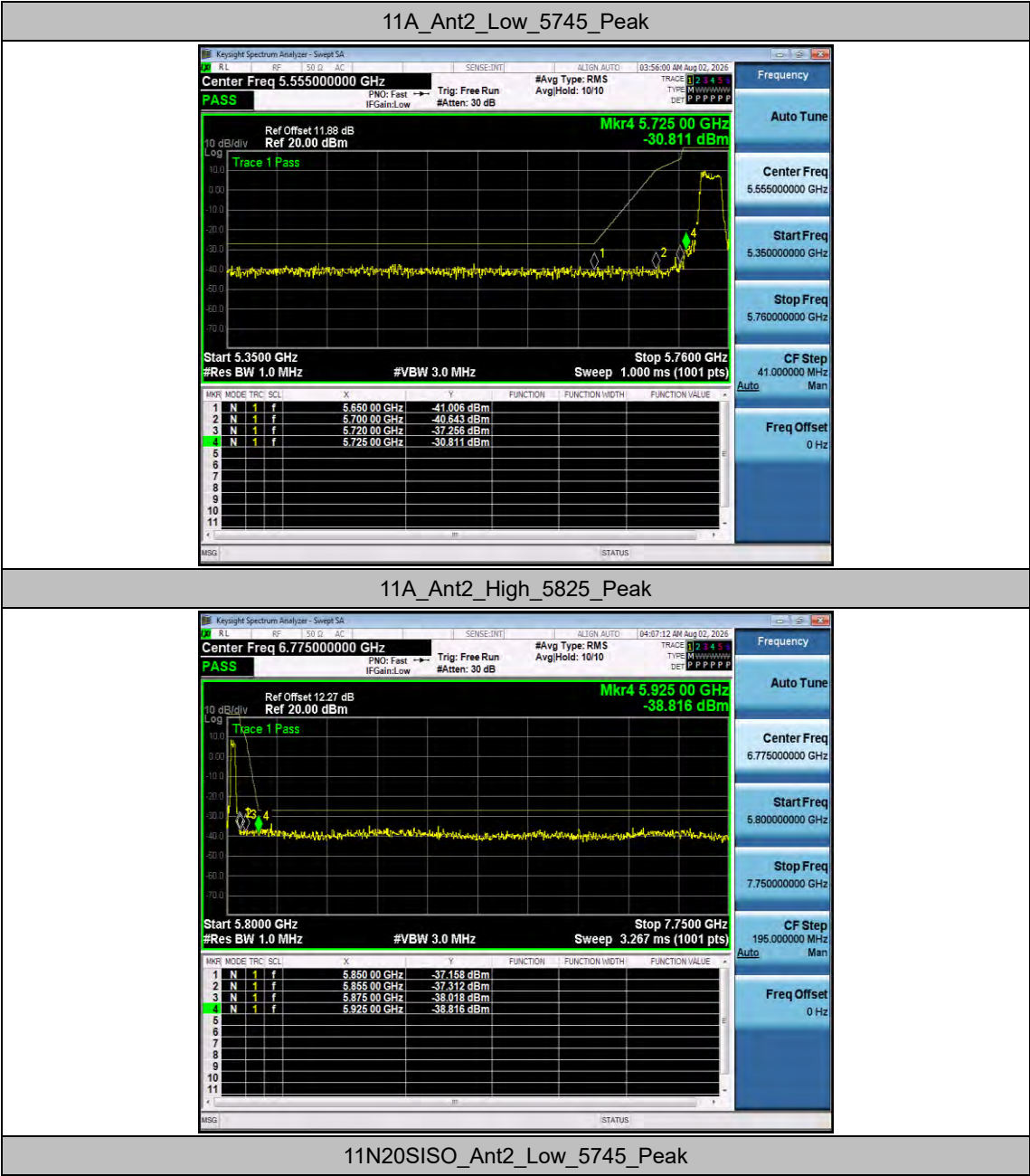
TestMode	Antenna	ChName	Freq(MHz)	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11A	Ant2	Low	5745	Peak	5650.000	-41.006	≤-27.00	---	---	PASS
				Peak	5700.000	-40.64	≤10.00	---	---	PASS
				Peak	5720.000	-37.26	≤15.60	---	---	PASS
				Peak	5725.000	-30.81	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-37.158	≤27.00	---	---	PASS
				Peak	5855.000	-37.31	≤15.60	---	---	PASS
				Peak	5875.000	-38.02	≤10.00	---	---	PASS
				Peak	5925.000	-38.82	≤-27.00	---	---	PASS
11N20SISO	Ant2	Low	5745	Peak	5650.000	-43.846	≤-27.00	---	---	PASS
				Peak	5700.000	-38.97	≤10.00	---	---	PASS
				Peak	5720.000	-36.44	≤15.60	---	---	PASS
				Peak	5725.000	-33.17	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-34.736	≤27.00	---	---	PASS
				Peak	5855.000	-37.78	≤15.60	---	---	PASS
				Peak	5875.000	-37.27	≤10.00	---	---	PASS
				Peak	5925.000	-38.2	≤-27.00	---	---	PASS
11N40SISO	Ant2	Low	5755	Peak	5650.000	-43.728	≤-27.00	---	---	PASS
				Peak	5700.000	-35.12	≤10.00	---	---	PASS
				Peak	5720.000	-35.97	≤15.60	---	---	PASS
				Peak	5725.000	-35.5	≤27.00	---	---	PASS
		High	5795	Peak	5850.000	-37.133	≤27.00	---	---	PASS
				Peak	5855.000	-38.18	≤15.60	---	---	PASS
				Peak	5875.000	-38.71	≤10.00	---	---	PASS
				Peak	5925.000	-37.04	≤-27.00	---	---	PASS
11AC20SISO	Ant2	Low	5745	Peak	5650.000	-43.492	≤-27.00	---	---	PASS
				Peak	5700.000	-41.19	≤10.00	---	---	PASS
				Peak	5720.000	-33.97	≤15.60	---	---	PASS
				Peak	5725.000	-32.41	≤27.00	---	---	PASS
		High	5825	Peak	5850.000	-39.078	≤27.00	---	---	PASS

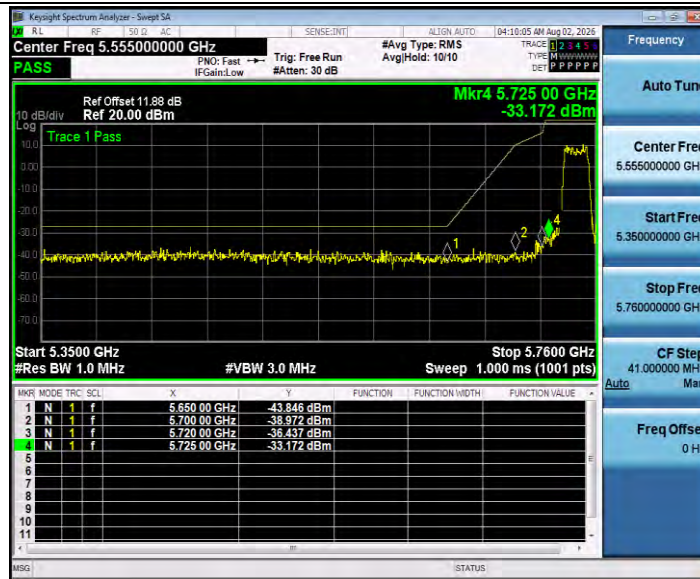
				Peak	5855.000	-36.43	≤ 15.60	---	---	PASS
				Peak	5875.000	-38.95	≤ 10.00	---	---	PASS
				Peak	5925.000	-38.94	≤ -27.00	---	---	PASS
11AC40SI SO	Ant2	Low	5755	Peak	5650.000	-42.711	≤ -27.00	---	---	PASS
				Peak	5700.000	-38.57	≤ 10.00	---	---	PASS
				Peak	5720.000	-32.49	≤ 15.60	---	---	PASS
				Peak	5725.000	-29.29	≤ 27.00	---	---	PASS
		High	5795	Peak	5850.000	-36.63 9	≤ 27.00	---	---	PASS
				Peak	5855.000	-40.02	≤ 15.60	---	---	PASS
				Peak	5875.000	-36.41	≤ 10.00	---	---	PASS
				Peak	5925.000	-38.02	≤ -27.00	---	---	PASS
11AC80SI SO	Ant2	Low	5775	Peak	5650.000	-41.39 4	≤ -27.00	---	---	PASS
				Peak	5700.000	-34.13	≤ 10.00	---	---	PASS
				Peak	5720.000	-31.04	≤ 15.60	---	---	PASS
				Peak	5725.000	-33.14	≤ 27.00	---	---	PASS
		High	5775	Peak	5850.000	-33.29 6	≤ 27.00	---	---	PASS
				Peak	5855.000	-33.38	≤ 15.60	---	---	PASS
				Peak	5875.000	-37.09	≤ 10.00	---	---	PASS
				Peak	5925.000	-39.67	≤ -27.00	---	---	PASS

Note:

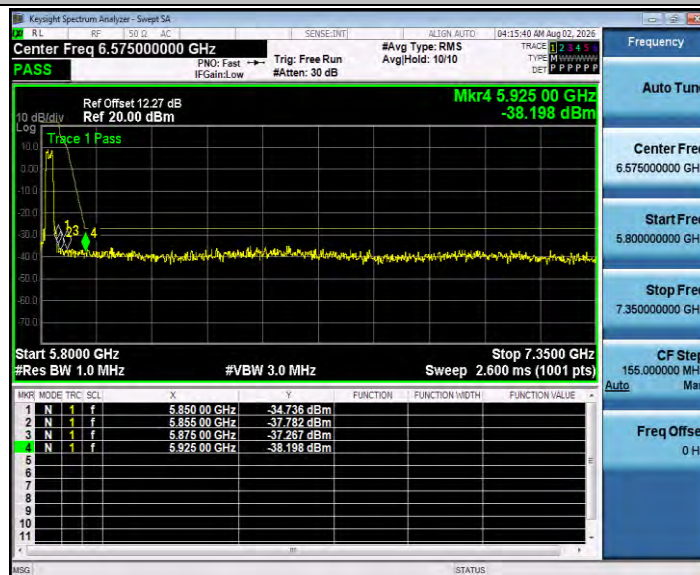
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm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

Test Graphs





11N20SISO_Ant2_High_5825_Peak



11N40SISO_Ant2_Low_5755_Peak



11N40SISO_Ant2_High_5795_Peak



11AC20SISO_Ant2_Low_5745_Peak



11AC20SISO_Ant2_High_5825_Peak



11AC40SISO_Ant2_Low_5755_Peak



11AC40SISO_Ant2_High_5795_Peak



11AC80SISO_Ant2_Low_5775_Peak



11AC80SISO_Ant2_High_5775_Peak

