

Case No. : GTS20220510015-1-4	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022.5.26	Test Engineer: Jenny Zeng

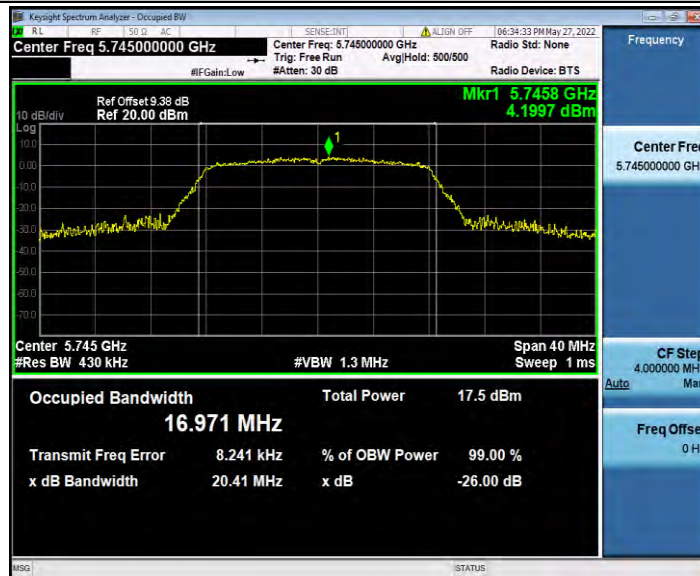
Appendix G.1: Occupied channel bandwidth

Test Result

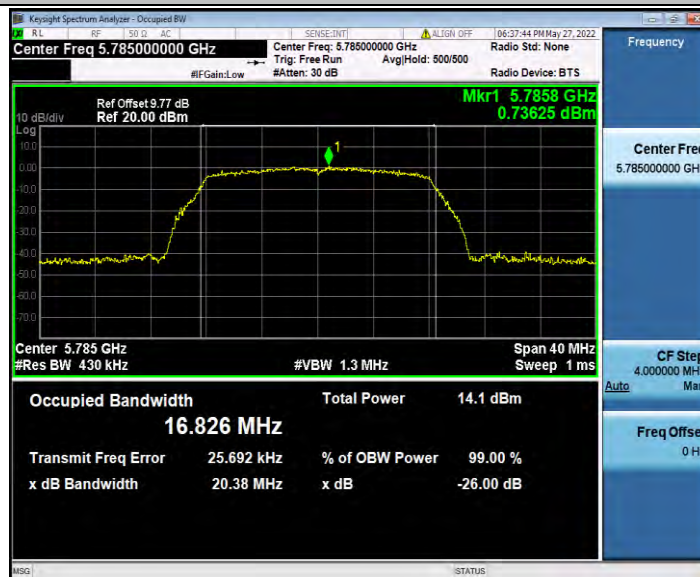
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.971	5736.523	5753.494	---	---
		5785	16.826	5776.613	5793.439	---	---
		5825	16.976	5816.536	5833.512	---	---
11N20SISO	Ant1	5745	18.006	5736.012	5754.018	---	---
		5785	17.777	5776.103	5793.880	---	---
		5825	18.164	5815.910	5834.074	---	---
11N40SISO	Ant1	5755	36.353	5736.855	5773.208	---	---
		5795	36.356	5776.845	5813.201	---	---
11AC20SISO	Ant1	5745	17.958	5736.025	5753.983	---	---
		5785	17.954	5776.034	5793.988	---	---
		5825	17.942	5815.988	5833.930	---	---
11AC40SISO	Ant1	5755	36.354	5736.824	5773.178	---	---
		5795	36.351	5776.830	5813.181	---	---
11AC80SISO	Ant1	5775	75.243	5737.481	5812.724	---	---

Test Graphs

11A_Ant1_5745



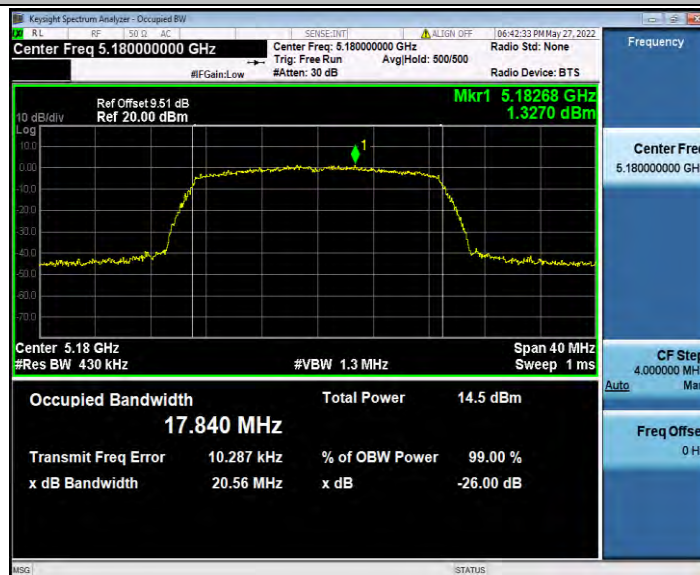
11A_Ant1_5785



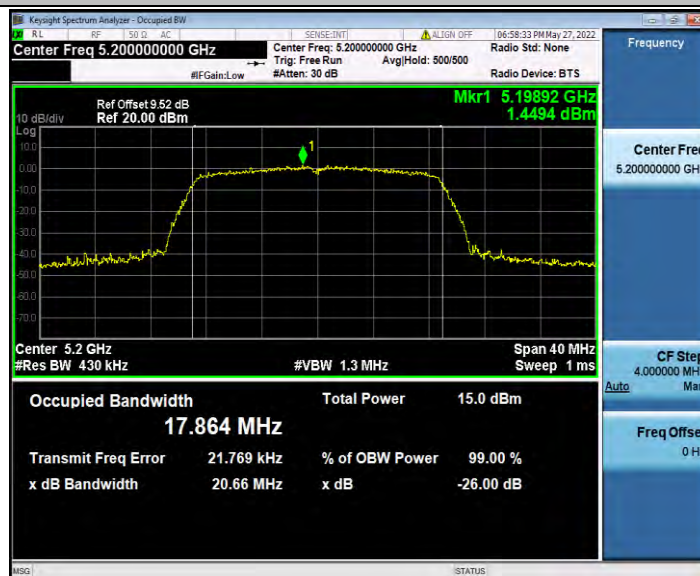
11A_Ant1_5825



11N20SISO_Ant1_5180



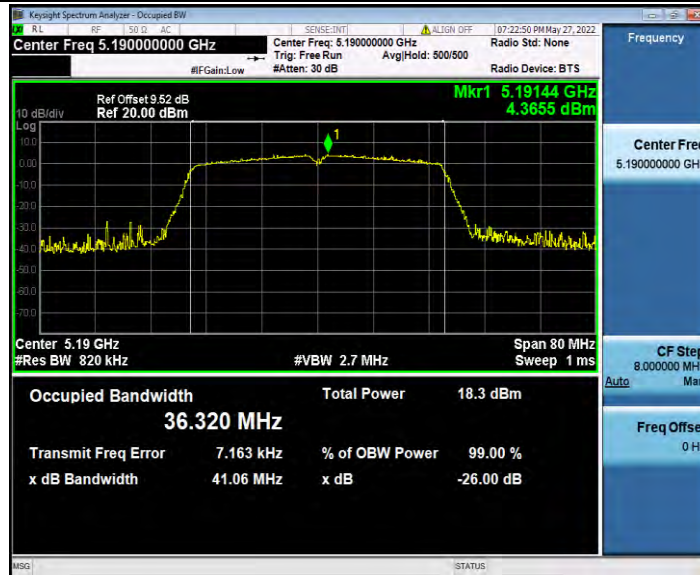
11N20SISO_Ant1_5200



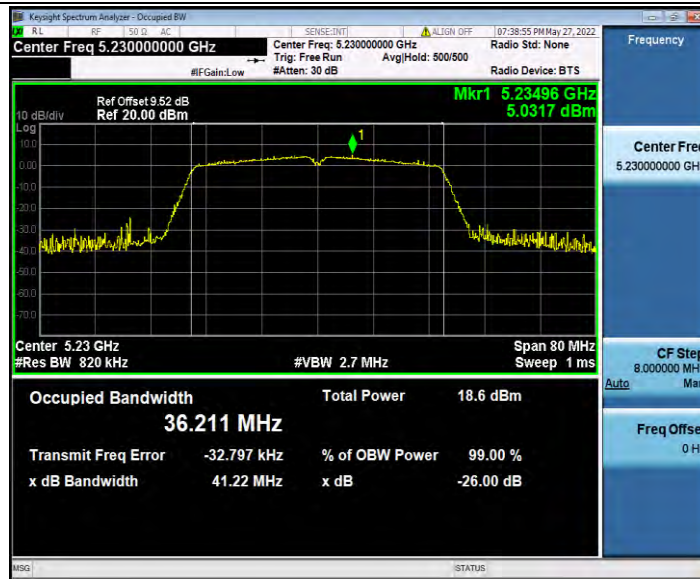
11N20SISO_Ant1_5240



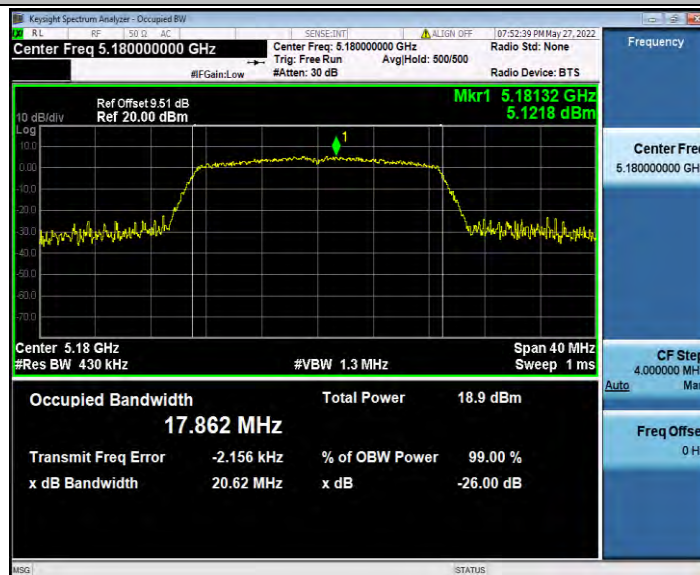
11N40SISO_Ant1_5190



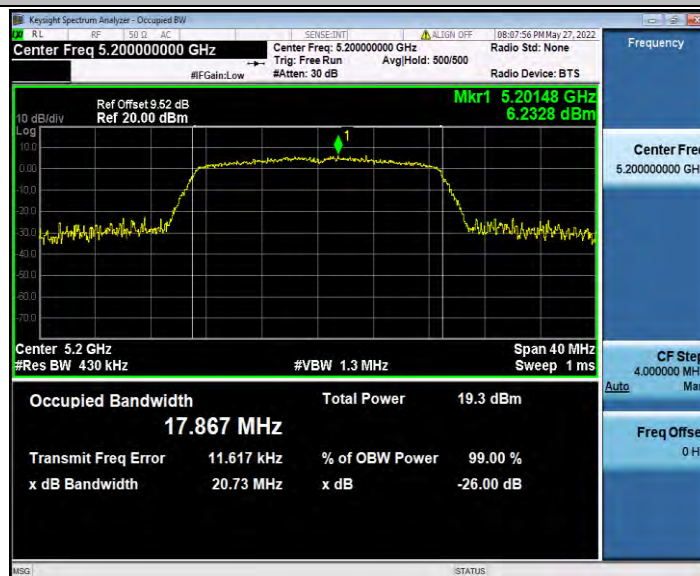
11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



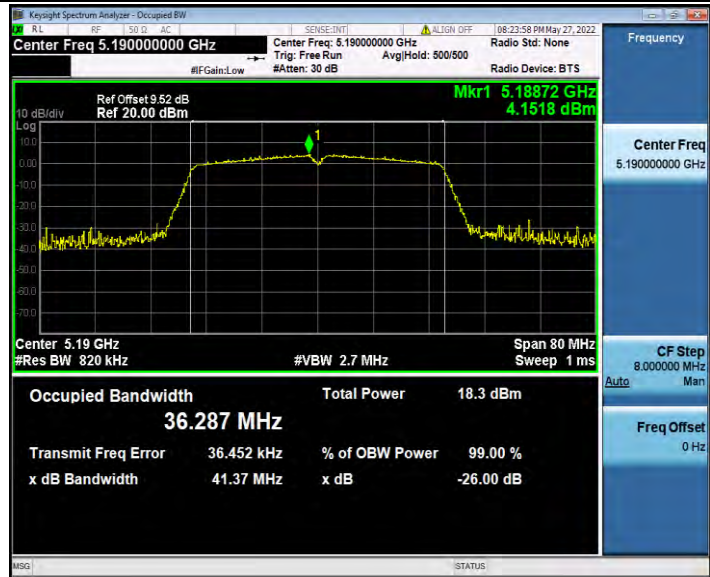
11AC20SISO_Ant1_5200



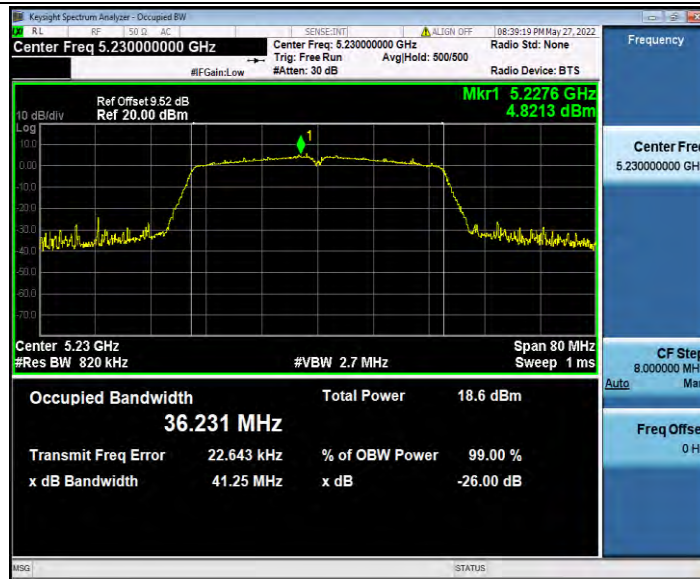
11AC20SISO_Ant1_5240



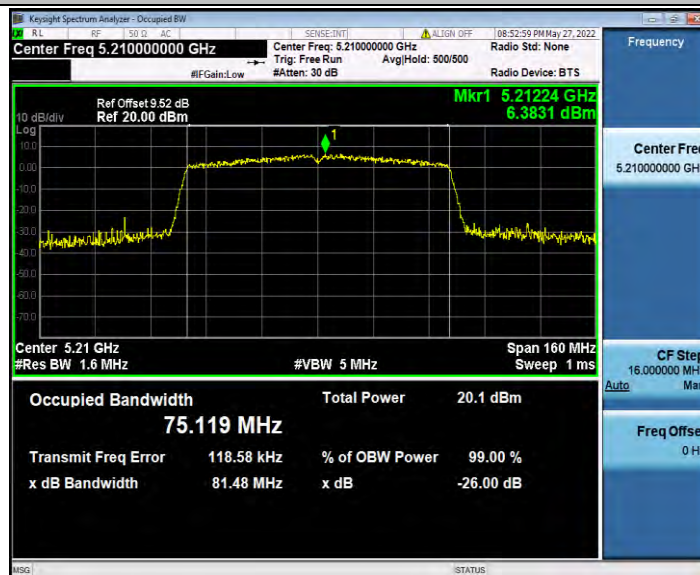
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AC80SISO_Ant1_5210



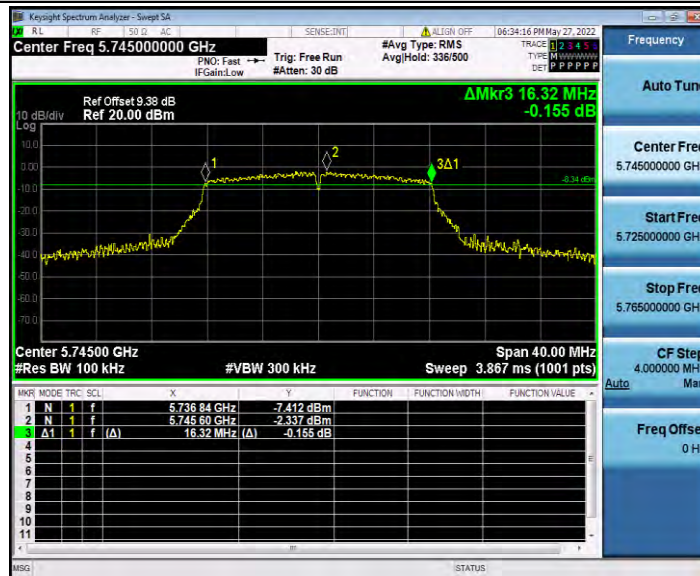
Appendix G.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.840	5753.160	0.5	PASS
		5785	16.320	5776.840	5793.160	0.5	PASS
		5825	16.320	5816.840	5833.160	0.5	PASS
11N20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.560	5816.200	5833.760	0.5	PASS
11N40SISO	Ant1	5755	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	17.600	5736.200	5753.800	0.5	PASS
		5785	17.560	5776.200	5793.760	0.5	PASS
		5825	17.560	5816.200	5833.760	0.5	PASS
11AC40SISO	Ant1	5755	36.080	5736.840	5772.920	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	76.000	5737.080	5813.080	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825

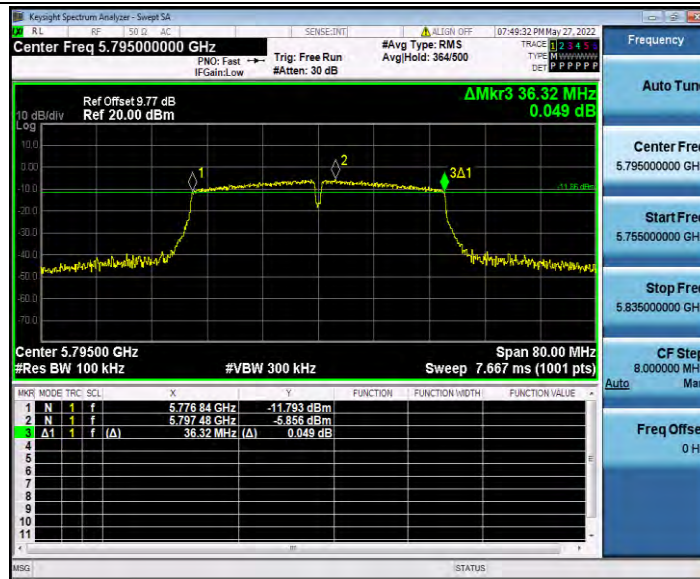


11N20SISO_Ant1_5745



11N20SISO_Ant1_5785





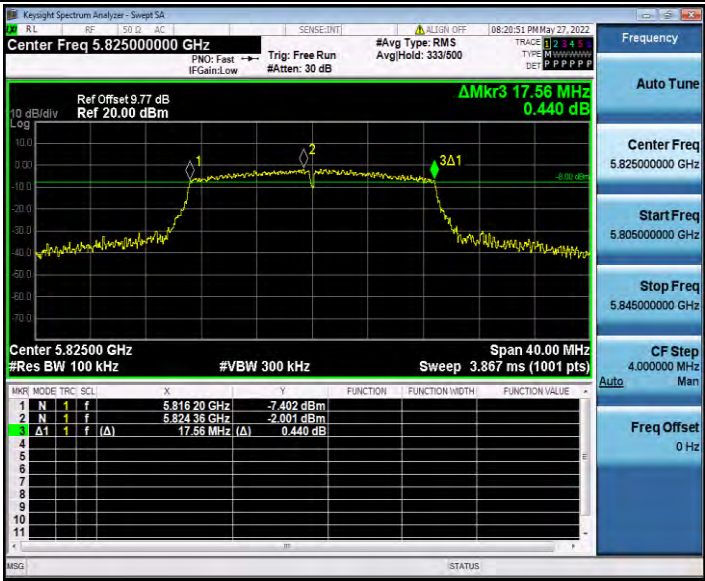
11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



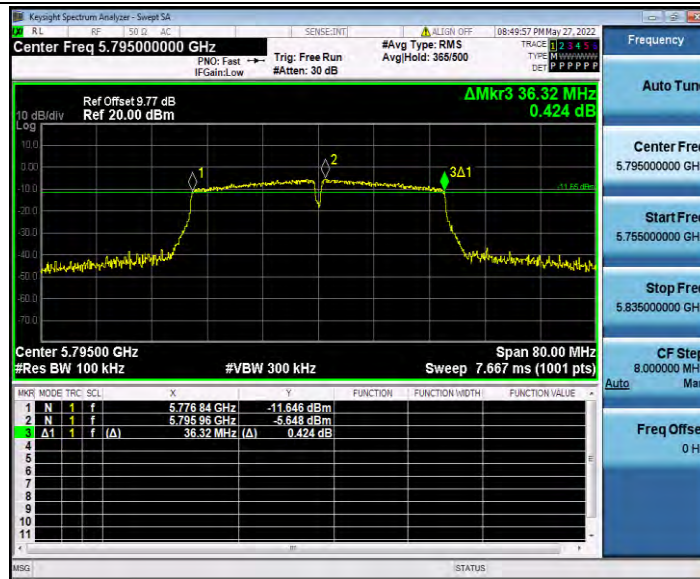
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



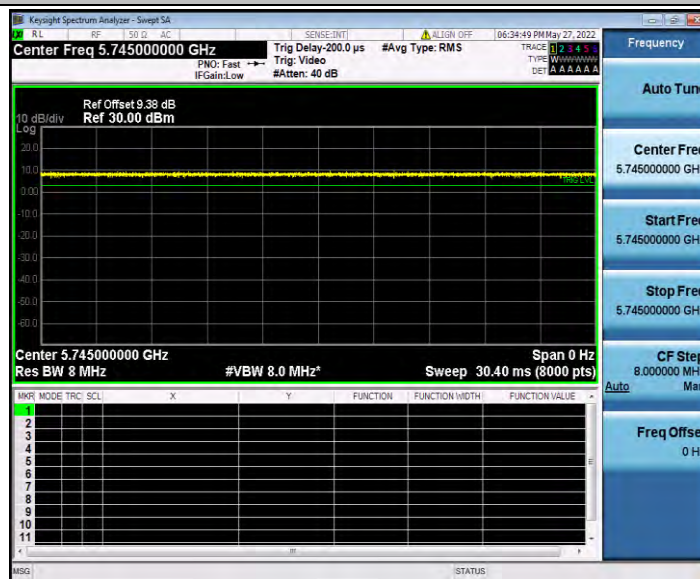
Appendix G.3: Duty Cycle

Test Result

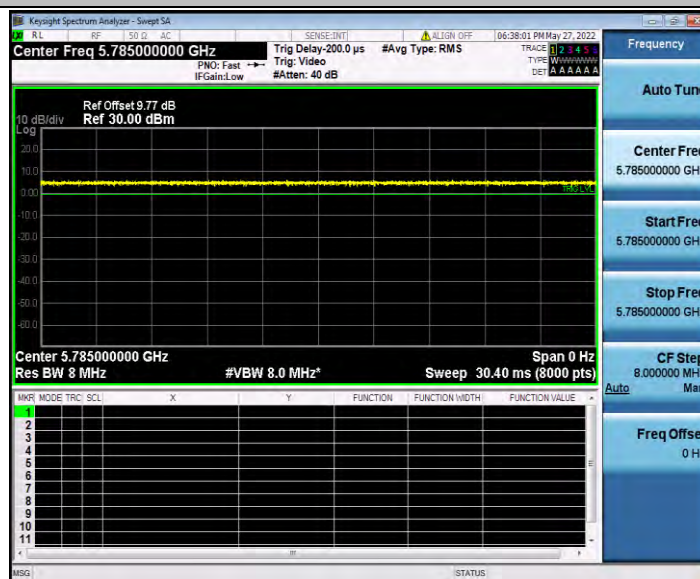
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle [dB]
11A	Ant1	5745	30.00	30.00	100.00	0
		5785	30.00	30.00	100.00	0
		5825	30.00	30.00	100.00	0
11N20SISO	Ant1	5745	30.00	30.00	100.00	0
		5785	30.00	30.00	100.00	0
		5825	30.00	30.00	100.00	0
11N40SISO	Ant1	5755	30.00	30.00	100.00	0
		5795	30.00	30.00	100.00	0
11AC20SISO	Ant1	5745	30.00	30.00	100.00	0
		5785	30.00	30.00	100.00	0
		5825	30.00	30.00	100.00	0
11AC40SISO	Ant1	5755	30.00	30.00	100.00	0
		5795	30.00	30.00	100.00	0
11AC80SISO	Ant1	5775	30.00	30.00	100.00	0

Test Graphs

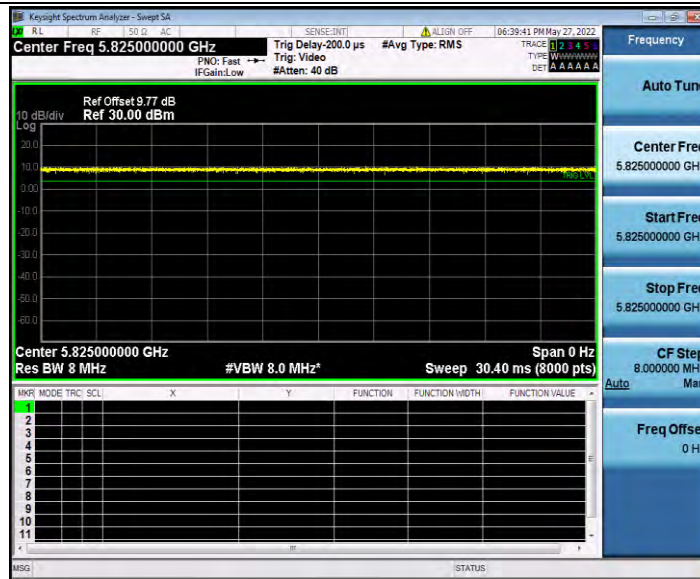
11A_Ant1_5745



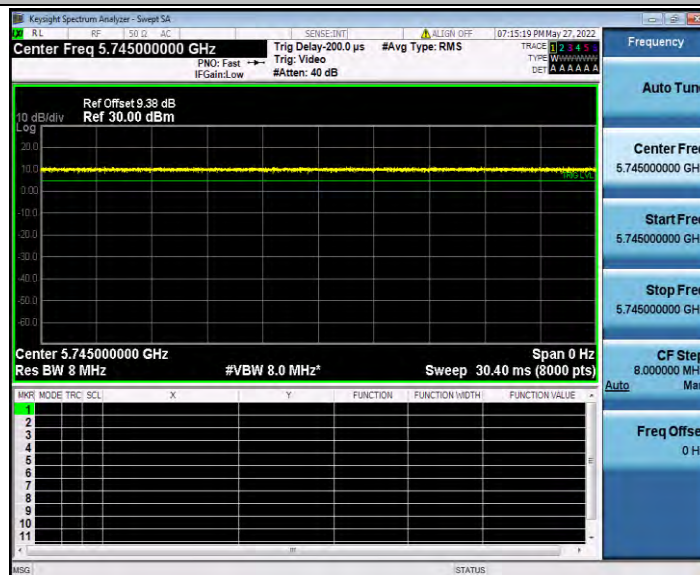
11A_Ant1_5785



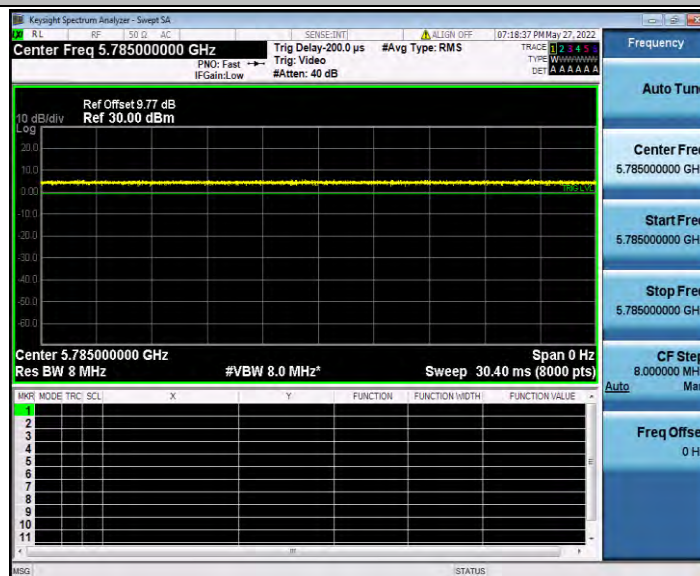
11A_Ant1_5825



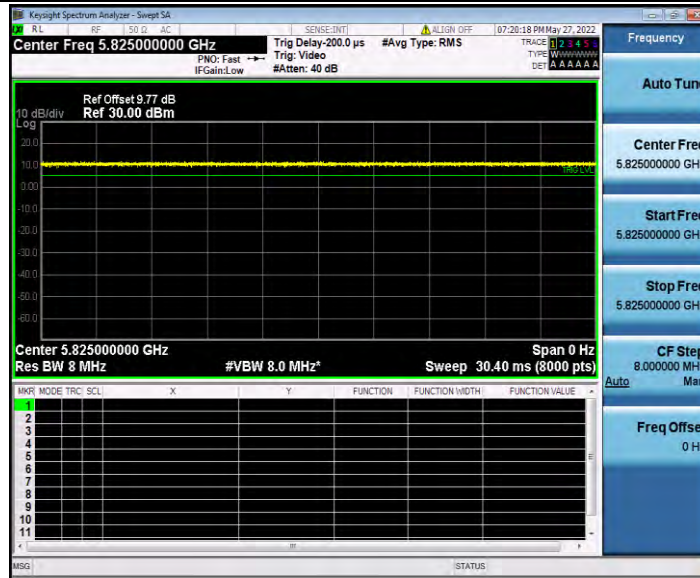
11N20SISO_Ant1_5745



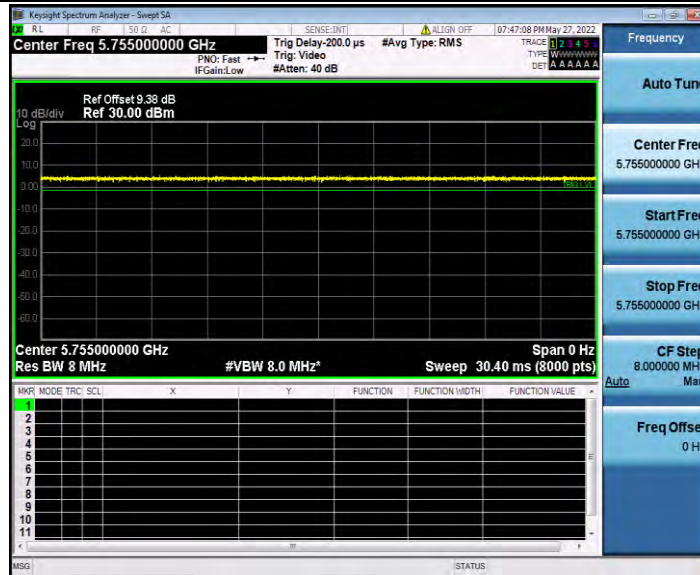
11N20SISO_Ant1_5785



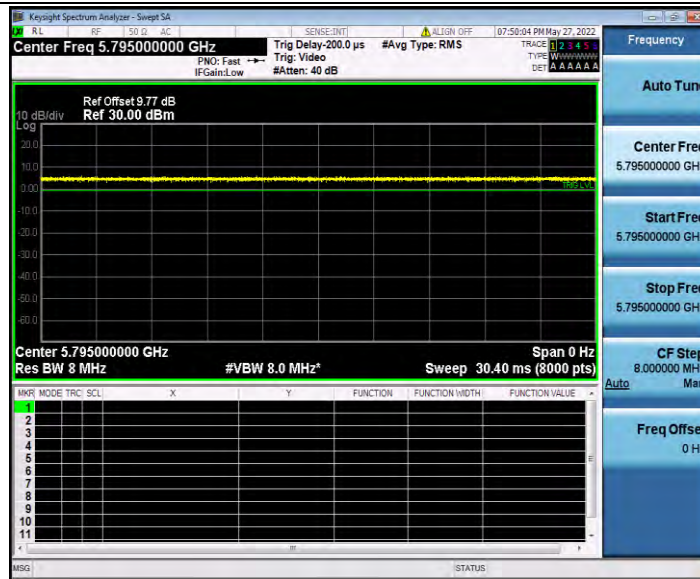
11N20SISO_Ant1_5825



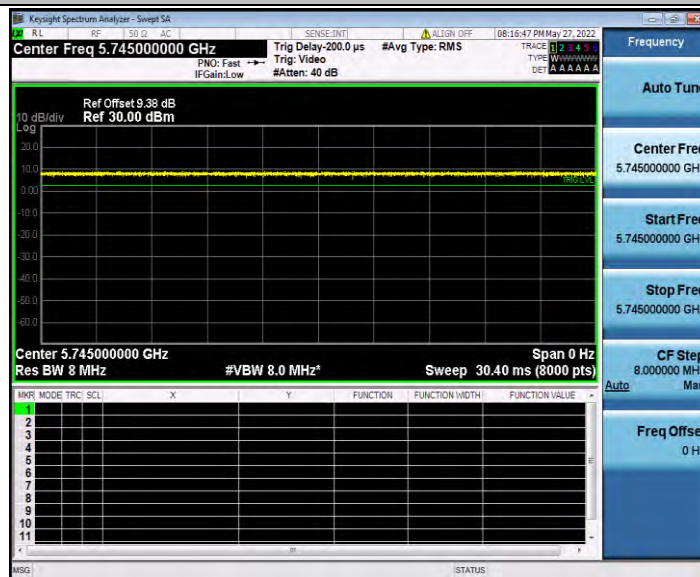
11N40SISO_Ant1_5755



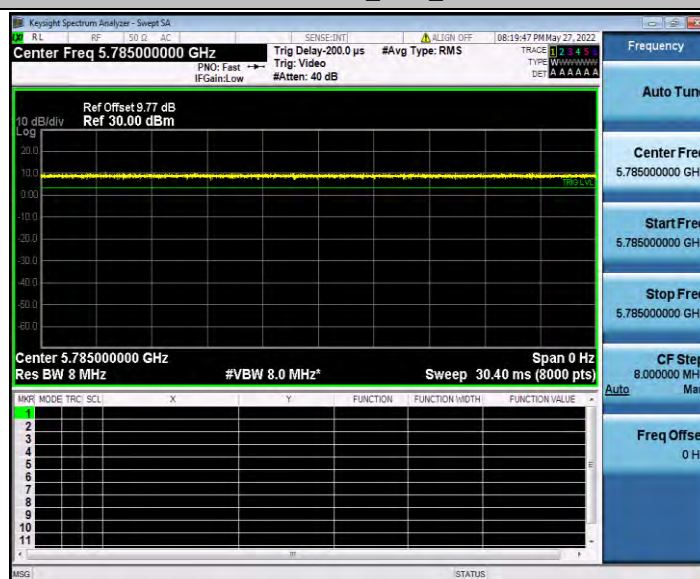
11N40SISO_Ant1_5795



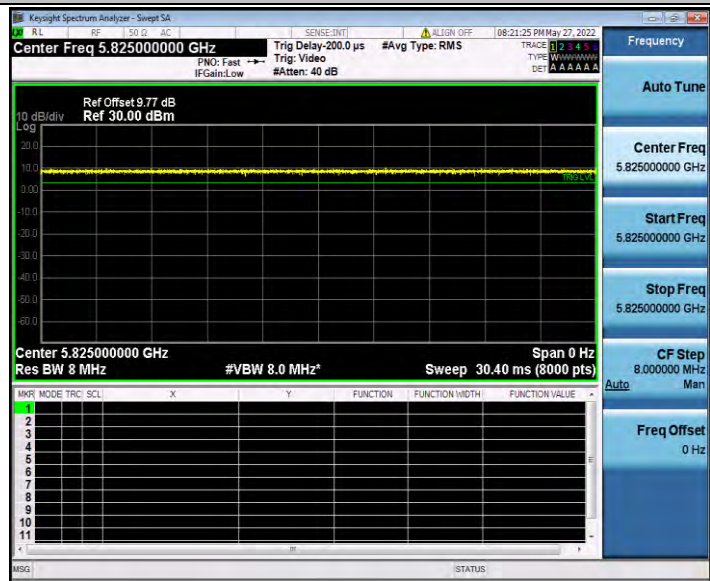
11AC20SISO_Ant1_5745



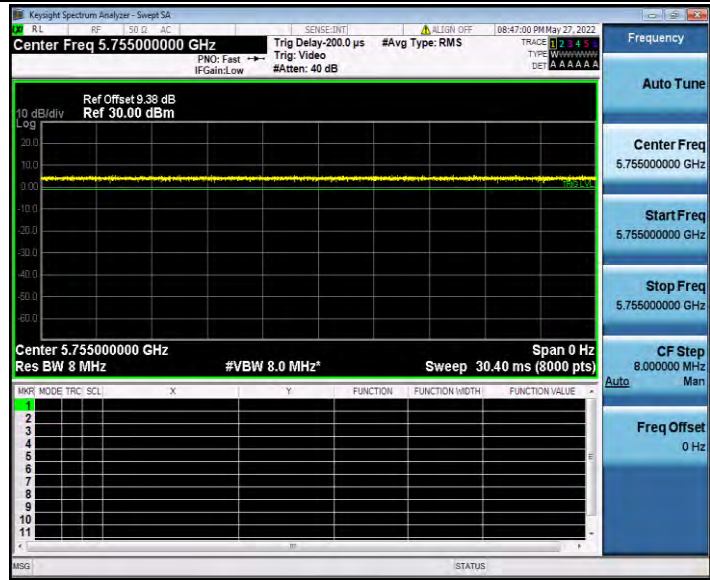
11AC20SISO_Ant1_5785



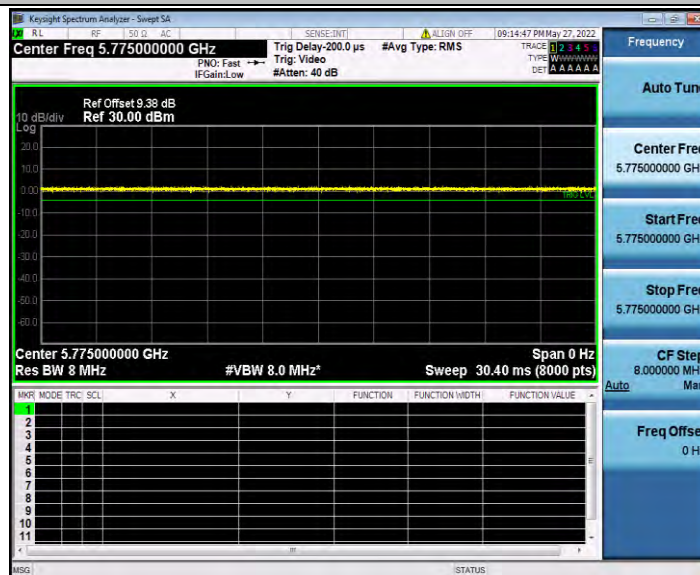
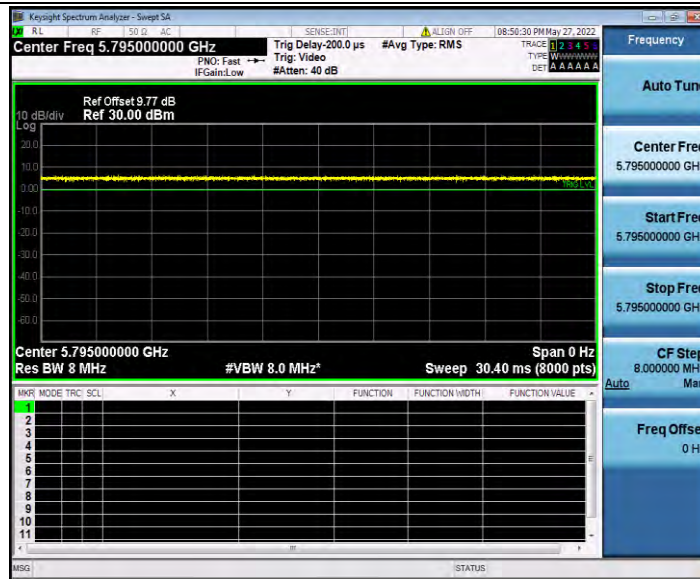
11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



Appendix G.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	3.65	≤30.00	PASS
		5785	0.80	≤30.00	PASS
		5825	4.53	≤30.00	PASS
11N20SISO	Ant1	5745	6.28	≤30.00	PASS
		5785	0.42	≤30.00	PASS
		5825	6.49	≤30.00	PASS
11N40SISO	Ant1	5755	0.67	≤30.00	PASS
		5795	0.39	≤30.00	PASS
11AC20SISO	Ant1	5745	3.42	≤30.00	PASS
		5785	3.98	≤30.00	PASS
		5825	4.18	≤30.00	PASS
11AC40SISO	Ant1	5755	-0.43	≤30.00	PASS
		5795	0.46	≤30.00	PASS
11AC80SISO	Ant1	5775	-3.61	≤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



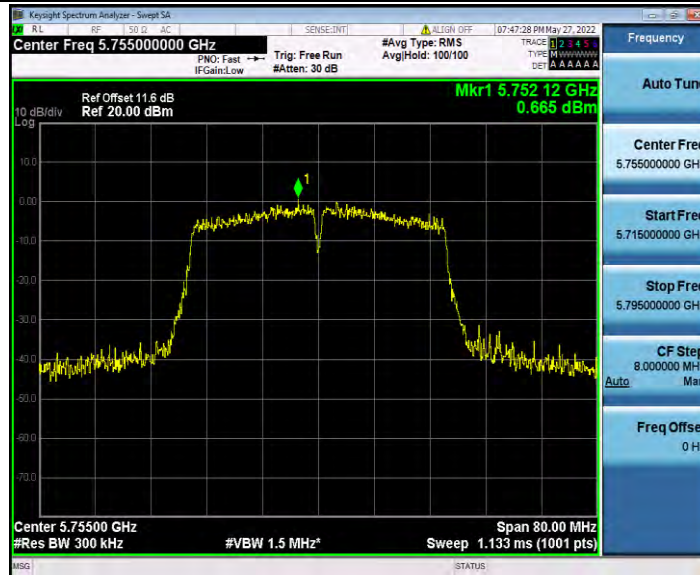
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



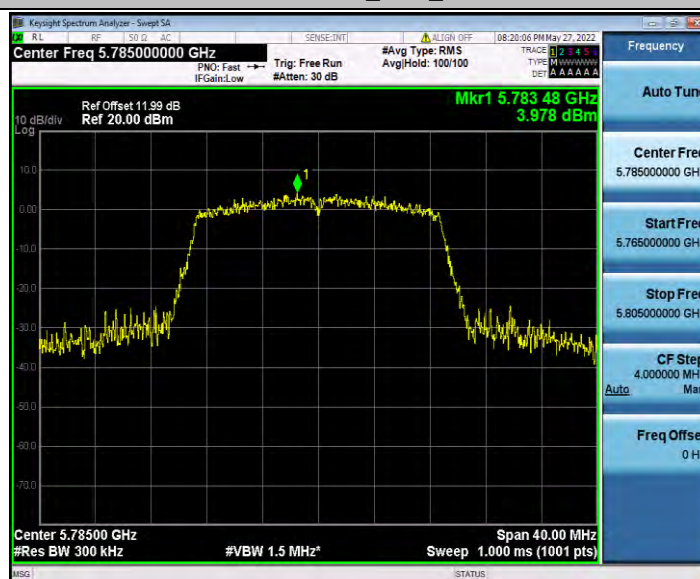
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



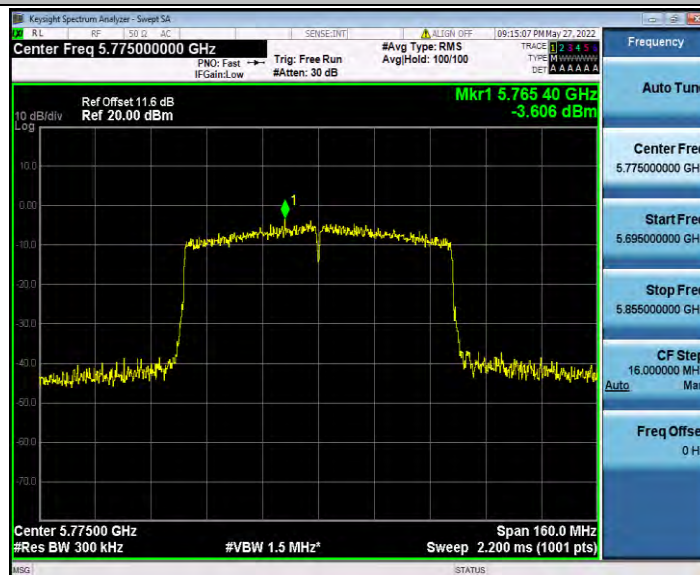
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix G.5: Band edge measurements

Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-38.32	≤6.74	PASS
				5700~5720	-33.06	≤15.11	PASS
				5720~5725	-26.9	≤22.37	PASS
				5760~5650	-39.97	≤-27	PASS
		High	5825	5850~5855	-33.18	≤19.80	PASS
				5855~5875	-33.33	≤10.51	PASS
				5875~5925	-38.19	≤-26.16	PASS
				5925~5935	-38.52	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-38.36	≤9.72	PASS
				5700~5720	-27.41	≤15.53	PASS
				5720~5725	-21.8	≤22.37	PASS
				5760~5650	-38.01	≤-27	PASS
		High	5825	5850~5855	-27.44	≤16.41	PASS
				5855~5875	-31.65	≤10.14	PASS
				5875~5925	-37.25	≤-25.96	PASS
				5925~5935	-38.17	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.44	≤-18.41	PASS
				5700~5720	-30.61	≤15.43	PASS
				5720~5725	-28.98	≤20.35	PASS
				5780~5650	-39.73	≤-27	PASS
		High	5795	5850~5855	-38.06	≤16.41	PASS
				5855~5875	-37.6	≤12.44	PASS
				5875~5925	-38.27	≤-8.24	PASS
				5925~5935	-38.46	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-38.27	≤-21.51	PASS
				5700~5720	-32.46	≤15.37	PASS
				5720~5725	-27.14	≤26.83	PASS
				5760~5650	-39.44	≤-27	PASS
		High	5825	5850~5855	-33.01	≤20.41	PASS
				5855~5875	-33.19	≤10.10	PASS
				5875~5925	-38.54	≤-12.37	PASS
				5925~5935	-38.58	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-37.98	≤9.96	PASS
				5700~5720	-31.45	≤12.63	PASS
				5720~5725	-25.5	≤26.51	PASS

		High	5795	5780~5650	-39.54	≤ -27	PASS
				5850~5855	-37.81	≤ 16.79	PASS
				5855~5875	-38.13	≤ 10.55	PASS
				5875~5925	-38.54	≤ -20.94	PASS
				5925~5935	-38.63	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-33.35	≤ 9.22	PASS
				5700~5720	-28.64	≤ 14.43	PASS
				5720~5725	-29.34	≤ 17.41	PASS
				5800~5650	-38.52	≤ -27	PASS
		High	5775	5850~5855	-32.82	≤ 15.79	PASS
				5855~5875	-36.05	≤ 11.06	PASS
				5875~5925	-37.28	≤ -26.41	PASS
				5925~5935	-38.44	≤ -27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



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 G.6: Conducted Spurious Emission

Test Result

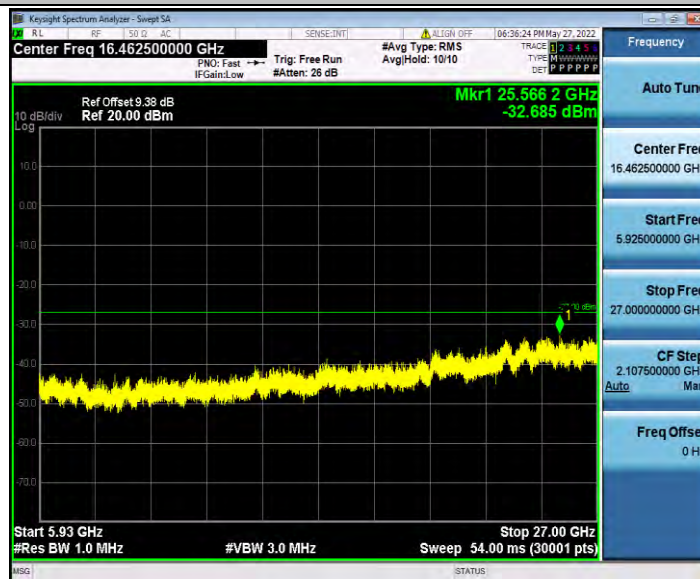
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	5419.58	-40.97	≤-27	PASS
			5925~40000	25566.2	-32.69	≤-27	PASS
		5785	30~5650	4994.71	-39.64	≤-27	PASS
			5925~40000	26636.11	-31.84	≤-27	PASS
		5825	30~5650	5057.46	-40.71	≤-27	PASS
			5925~40000	24272.19	-32.01	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5450.49	-40.23	≤-27	PASS
			5925~40000	24233.56	-32.76	≤-27	PASS
		5785	30~5650	5487.02	-39.01	≤-27	PASS
			5925~40000	24991.55	-32.25	≤-27	PASS
		5825	30~5650	5469.22	-40.28	≤-27	PASS
			5925~40000	26940.99	-31.55	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5439.25	-41.21	≤-27	PASS
			5925~40000	26438	-32.63	≤-27	PASS
		5795	30~5650	5574.32	-40.32	≤-27	PASS
			5925~40000	26075.51	-32.24	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4783.4	-40.04	≤-27	PASS
			5925~40000	24892.5	-32.72	≤-27	PASS
		5785	30~5650	4895.42	-39.66	≤-27	PASS
			5925~40000	26723.22	-32.04	≤-27	PASS
		5825	30~5650	1932.74	-37.97	≤-27	PASS
			5925~40000	26758.34	-32.12	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5532.54	-40.78	≤-27	PASS
			5925~40000	24260.25	-32.19	≤-27	PASS
		5795	30~5650	2536.52	-40.91	≤-27	PASS
			5925~40000	24275.71	-31.98	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5617.4	-41.06	≤-27	PASS
			5925~40000	23497.34	-31.81	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~40000



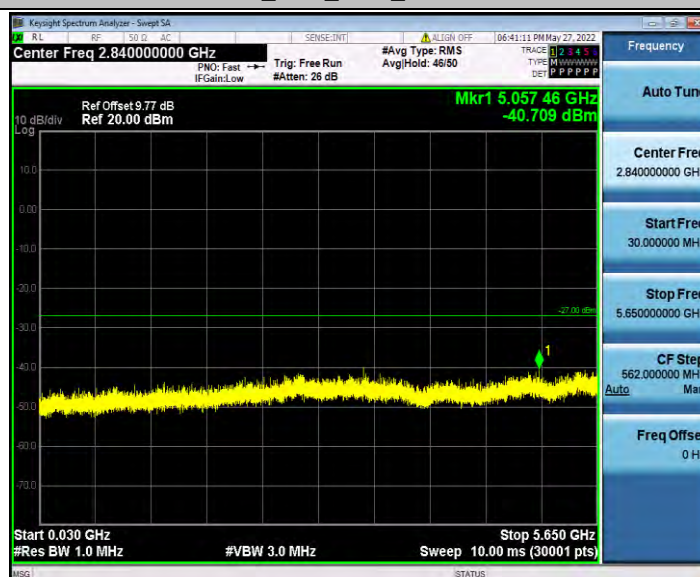
11A_Ant1_5785_30~5650



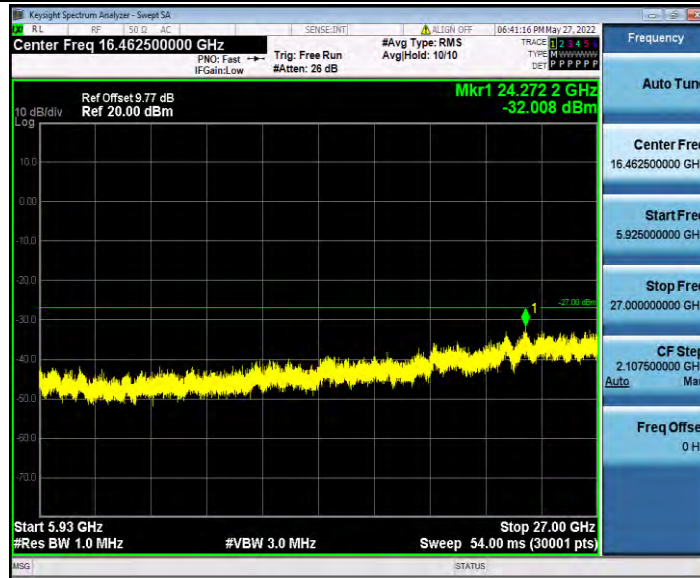
11A_Ant1_5785_5925~40000



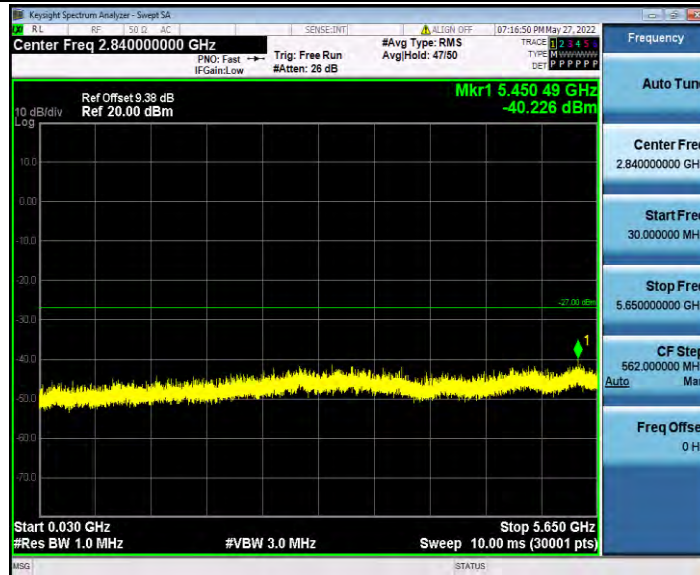
11A_Ant1_5825_30~5650



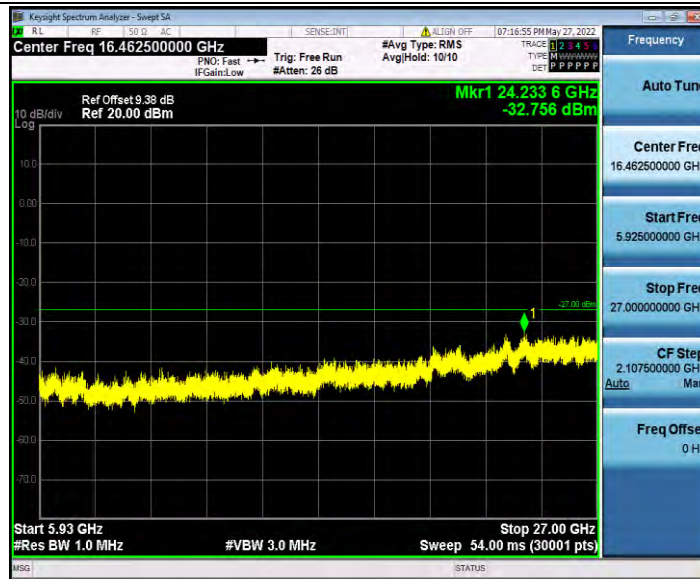
11A_Ant1_5825_5925~40000



11N20SISO_Ant1_5745_30~5650



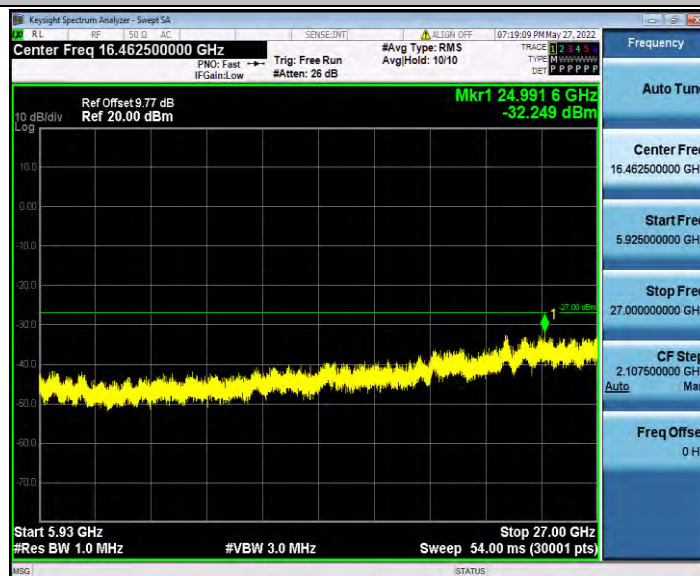
11N20SISO_Ant1_5745_5925~40000



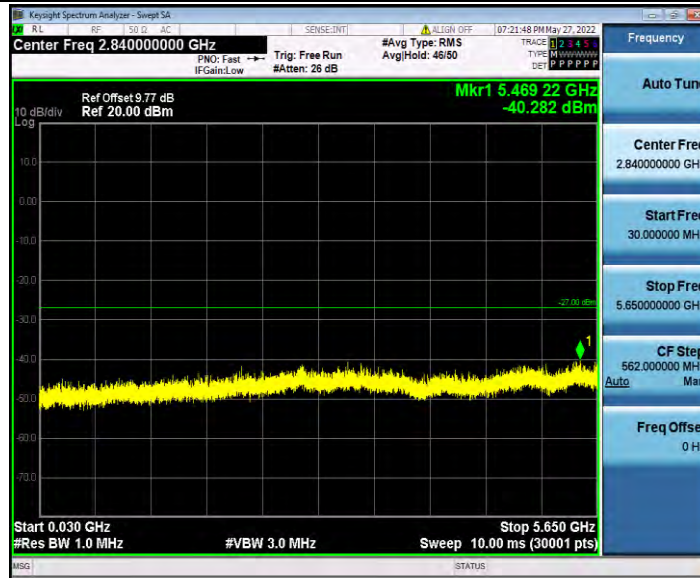
11N20SISO_Ant1_5785_30~5650



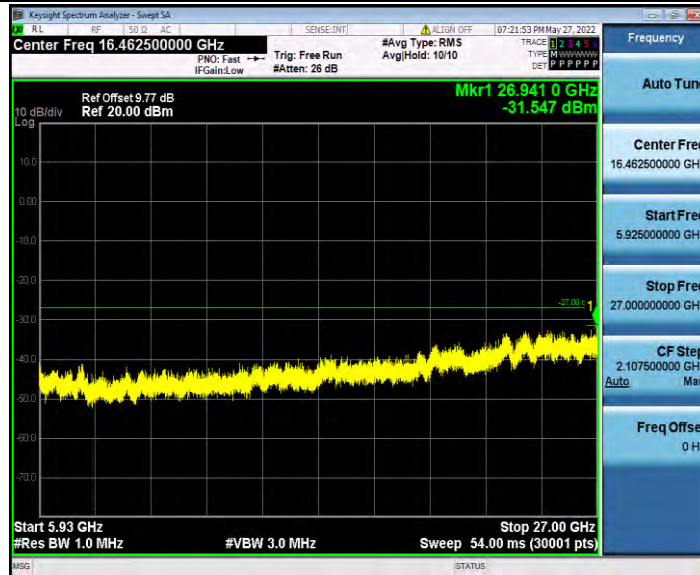
11N20SISO_Ant1_5785_5925~40000



11N20SISO_Ant1_5825_30~5650



11N20SISO_Ant1_5825_5925~40000



11N40SISO_Ant1_5755_30~5650



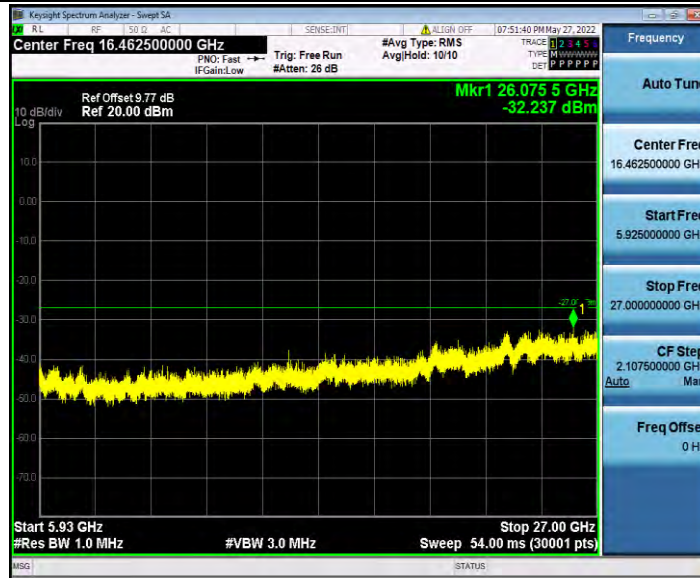
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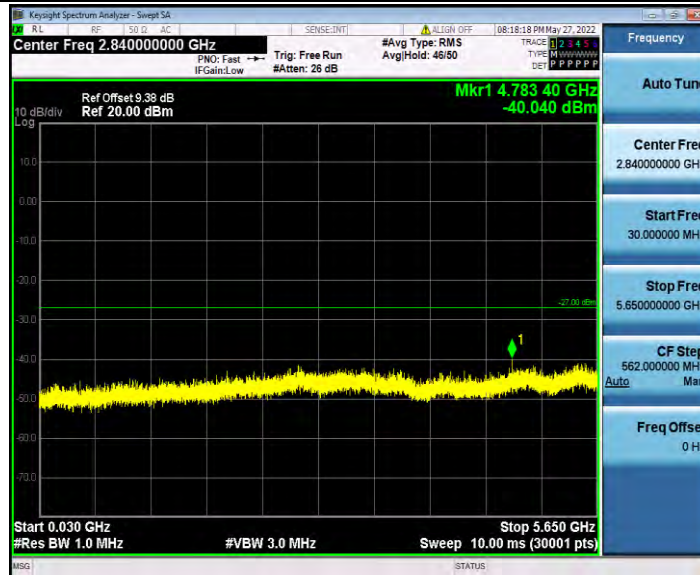
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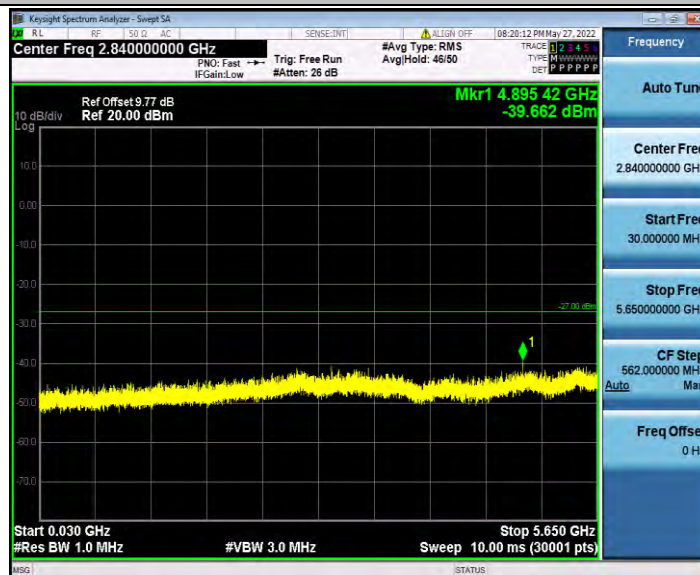
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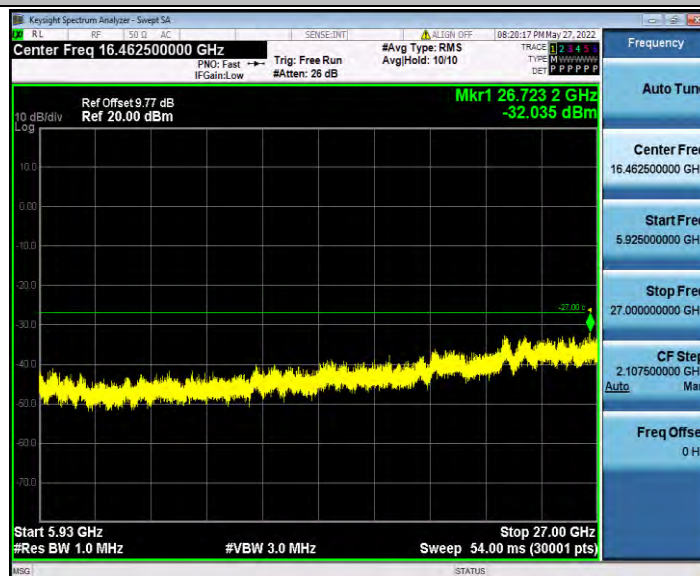
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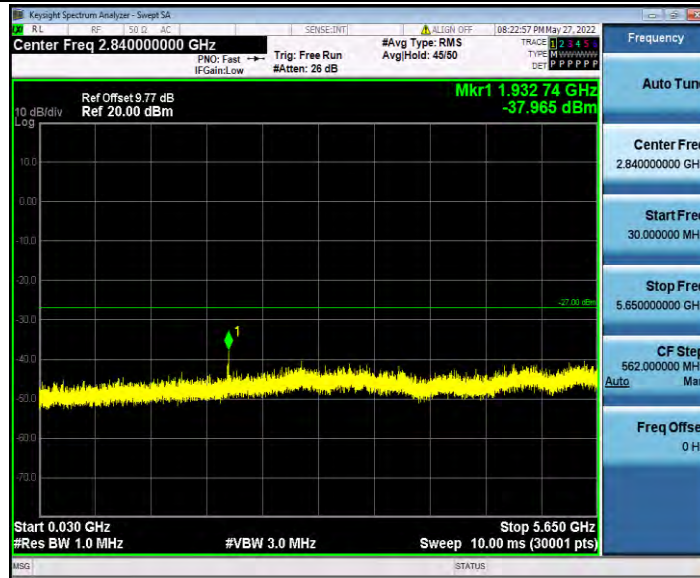
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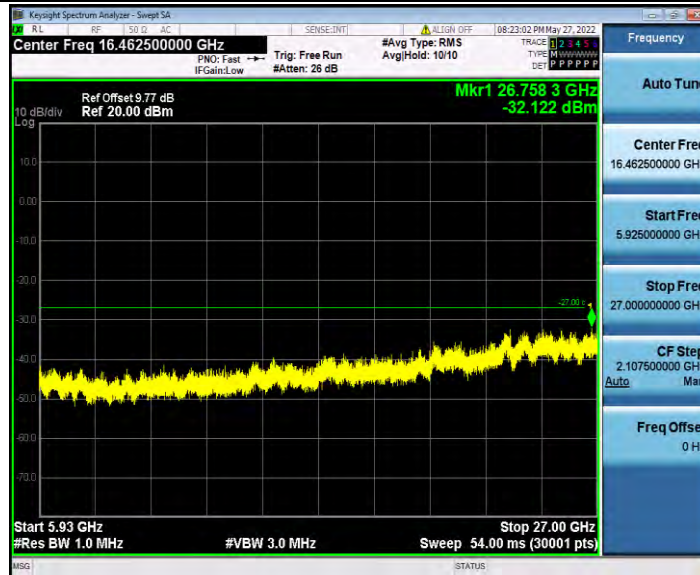
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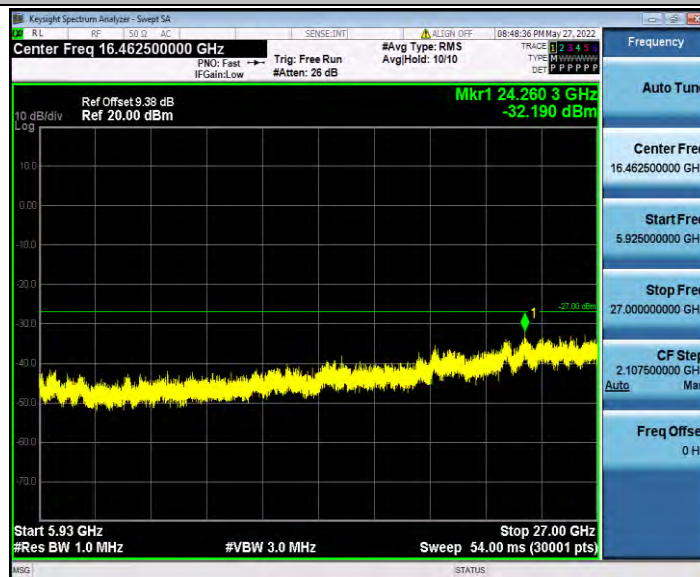
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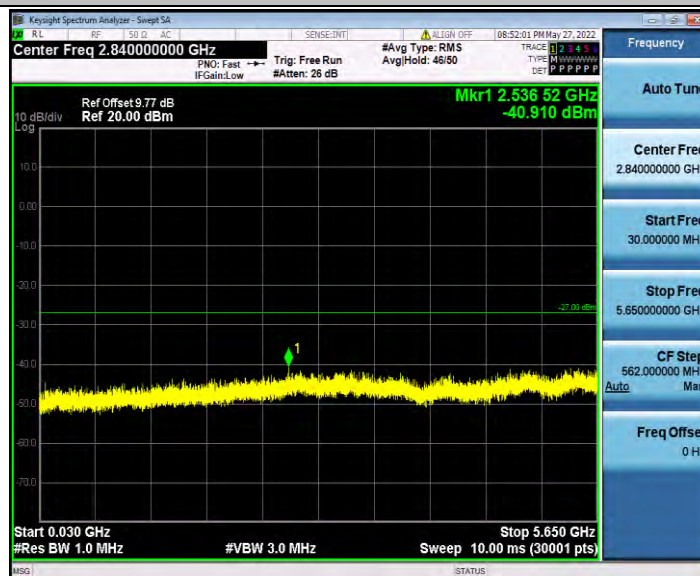
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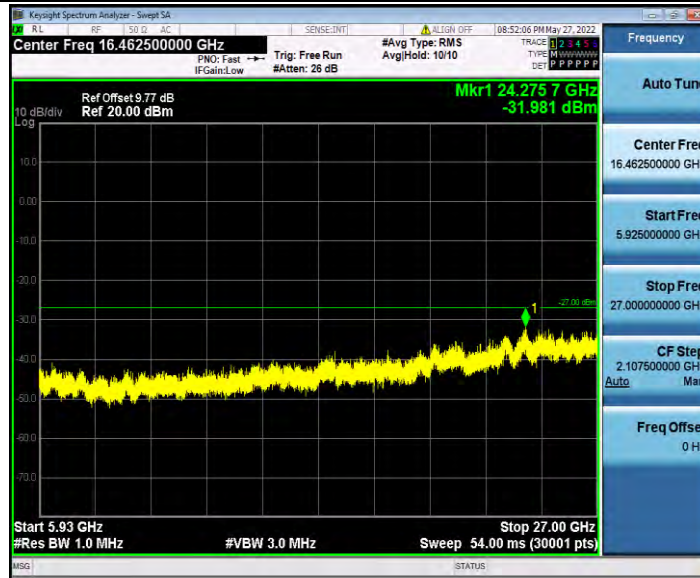
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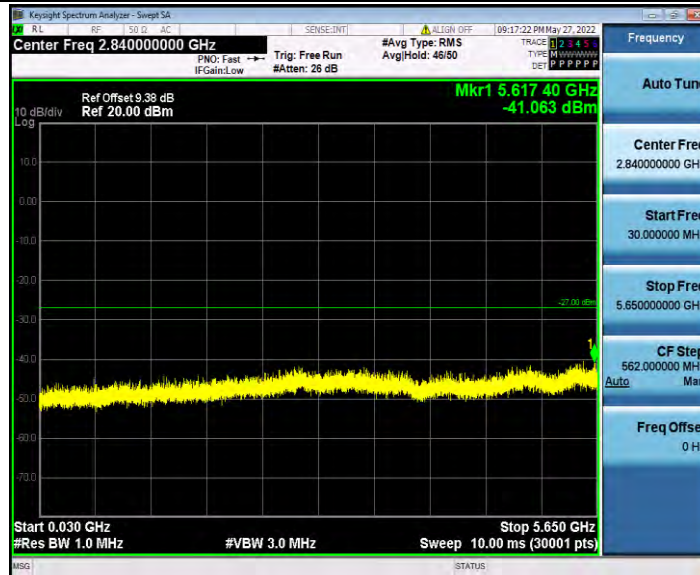
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