

Case No. : GTS20220424002-1-5	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022.4.26	Test Engineer: Jenny zeng

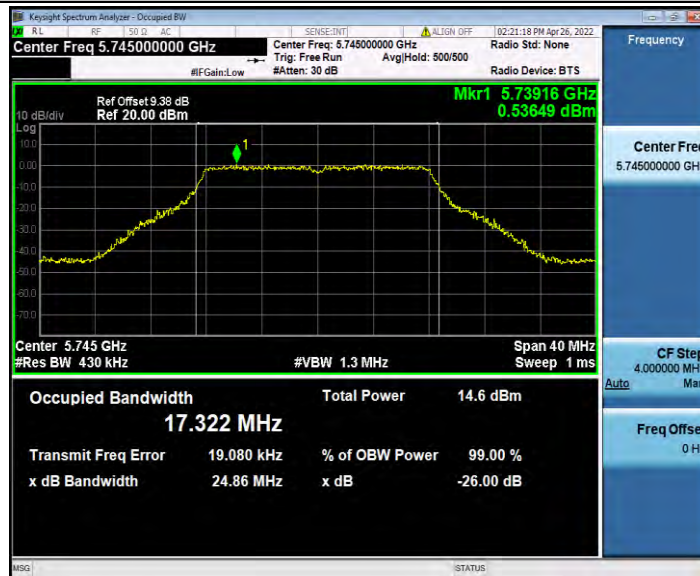
Appendix E.1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	17.322	5736.358	5753.680	---	---
		5785	17.261	5776.367	5793.628	---	---
		5825	17.350	5816.258	5833.608	---	---
11N20SISO	Ant1	5745	18.289	5735.878	5754.167	---	---
		5785	18.328	5775.828	5794.156	---	---
		5825	18.330	5815.796	5834.126	---	---
11N40SISO	Ant1	5755	36.737	5736.674	5773.411	---	---
		5795	36.690	5776.611	5813.301	---	---
11AC20SISO	Ant1	5745	18.320	5735.872	5754.192	---	---
		5785	18.334	5775.809	5794.143	---	---
		5825	18.318	5815.791	5834.109	---	---
11AC40SISO	Ant1	5755	36.736	5736.689	5773.425	---	---
		5795	36.741	5776.556	5813.297	---	---
11AC80SISO	Ant1	5775	75.079	5737.447	5812.526	---	---

Test Graphs

11A_Ant1_5745



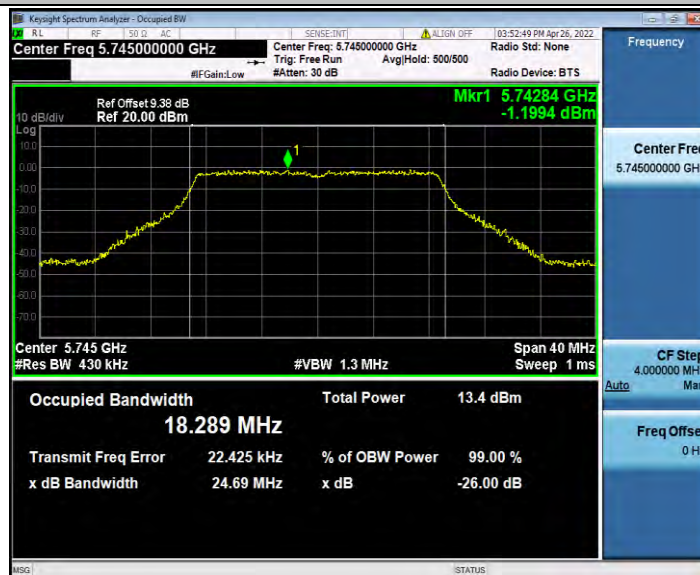
11A_Ant1_5785



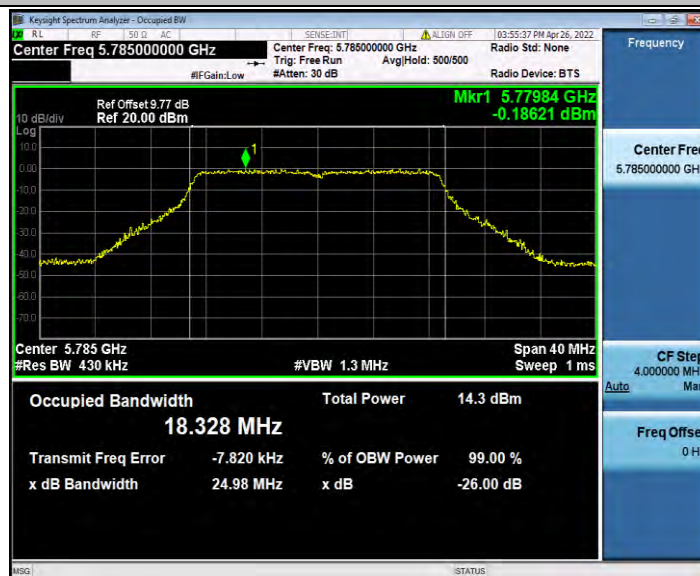
11A_Ant1_5825



11N20SISO_Ant1_5745



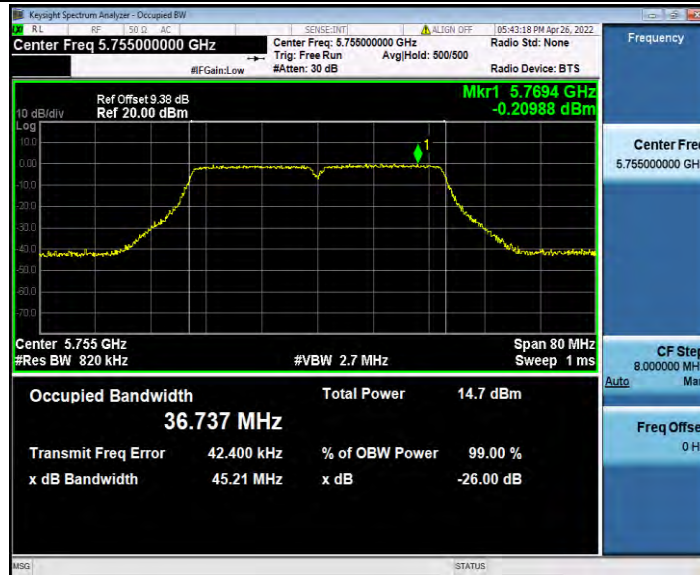
11N20SISO_Ant1_5785



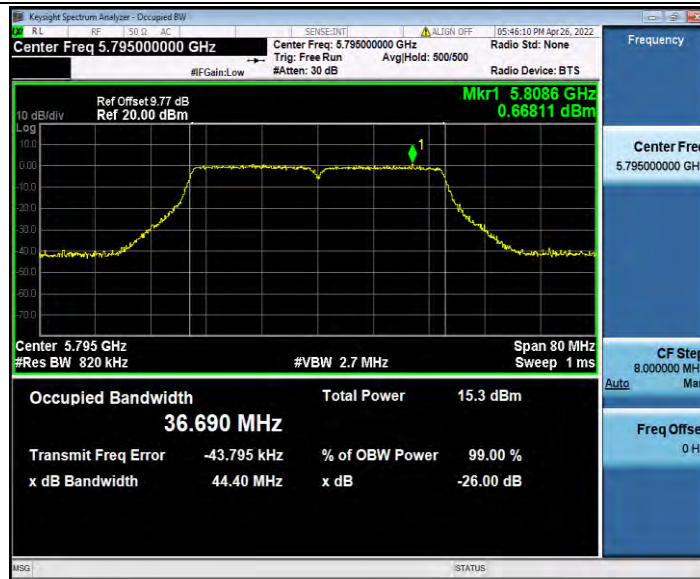
11N20SISO_Ant1_5825



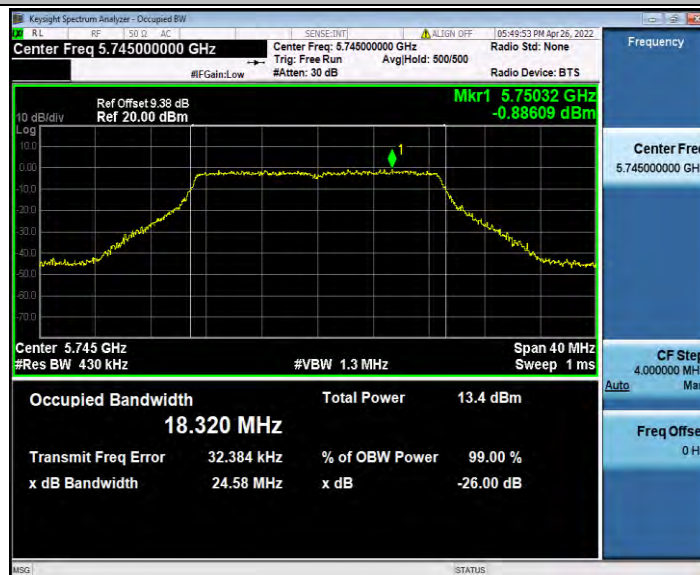
11N40SISO_Ant1_5755



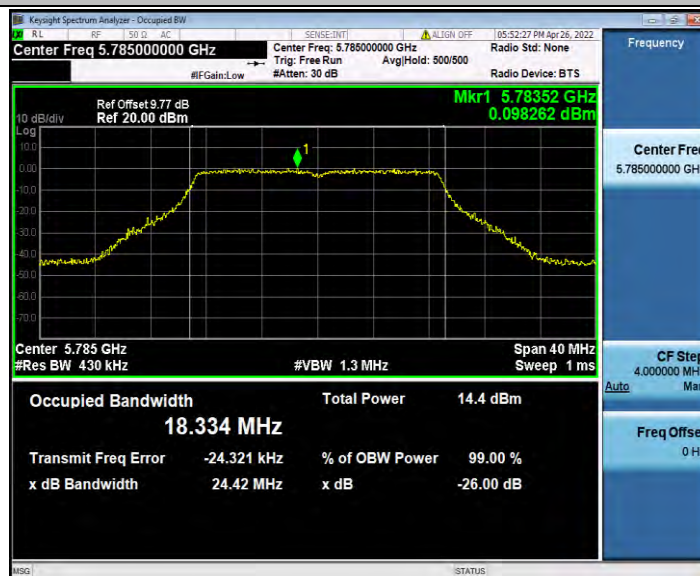
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



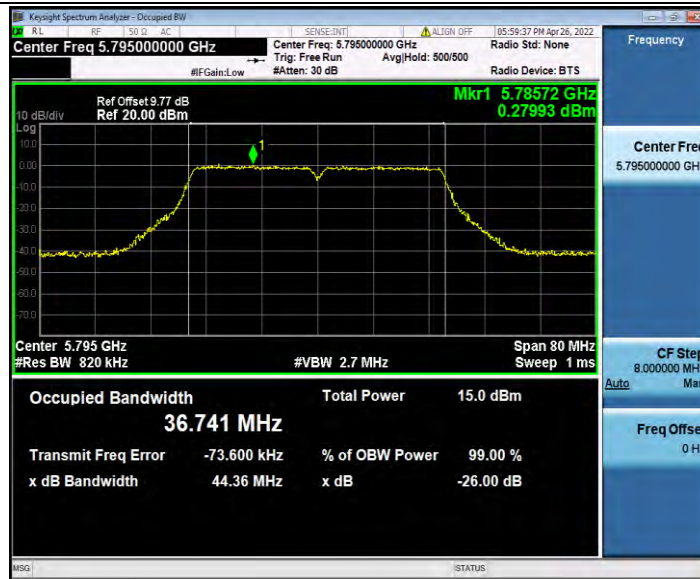
11AC20SISO_Ant1_5825



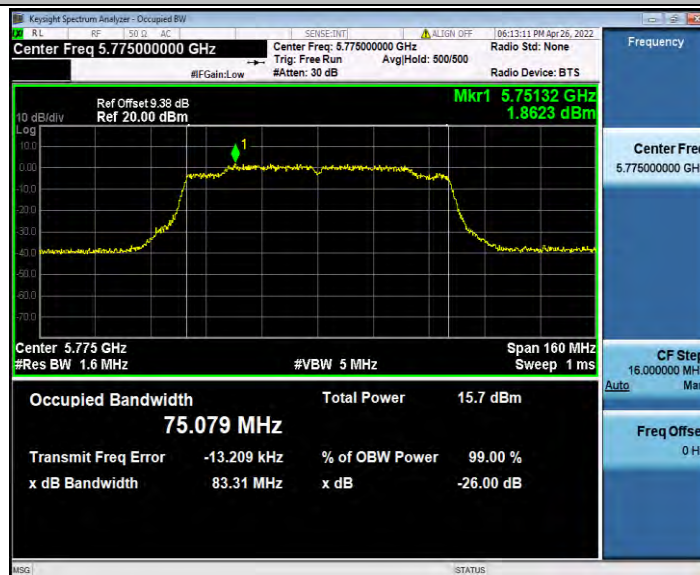
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



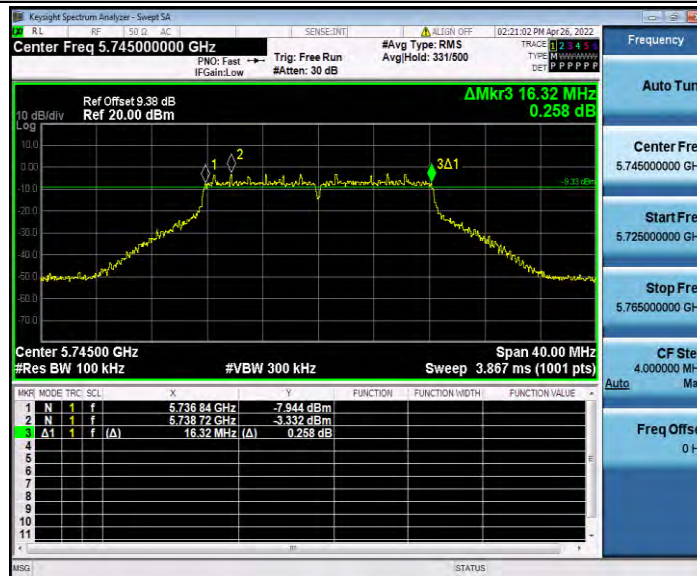
Appendix E.2: Min emission bandwidth

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	16.360	5776.800	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	36.000	5776.840	5812.840	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	36.320	5736.840	5773.160	0.5	PASS
		5795	36.320	5776.840	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



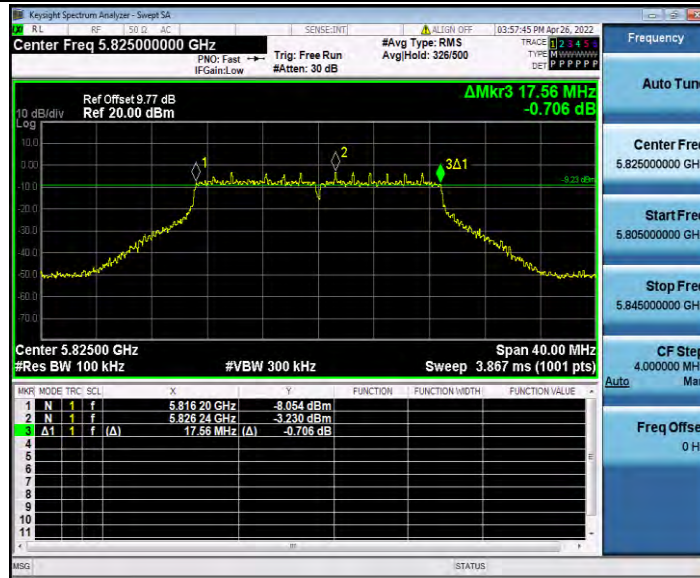
11N20SISO_Ant1_5745



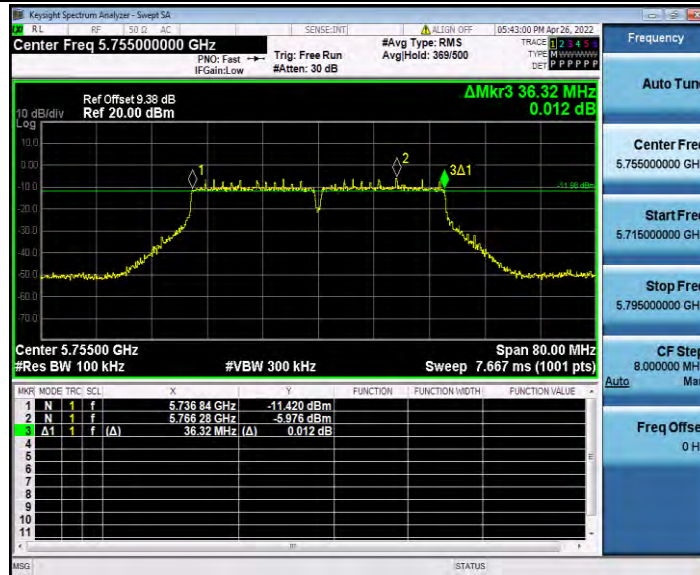
11N20SISO_Ant1_5785



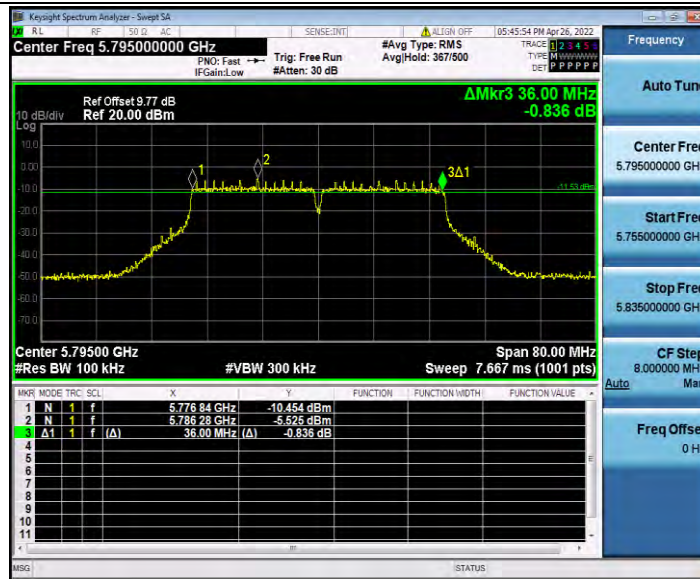
11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



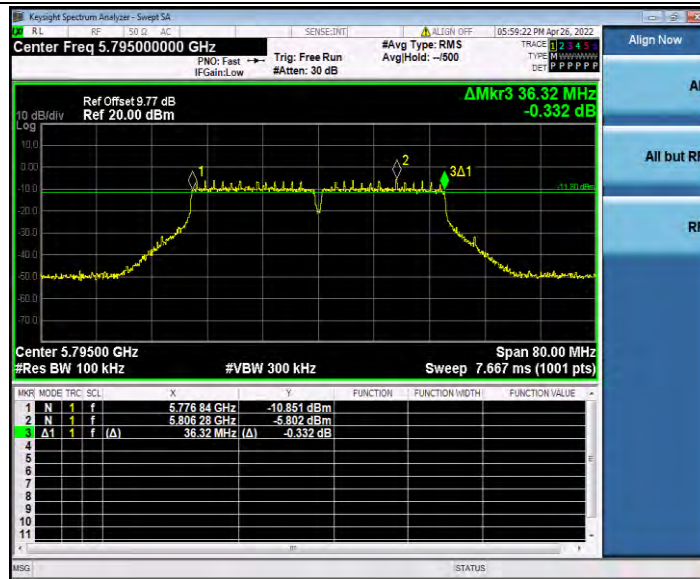
11AC20SISO_Ant1_5825



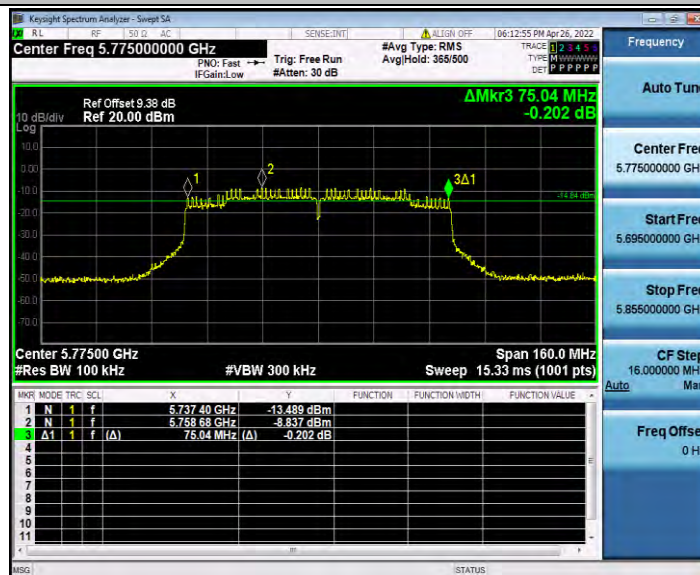
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



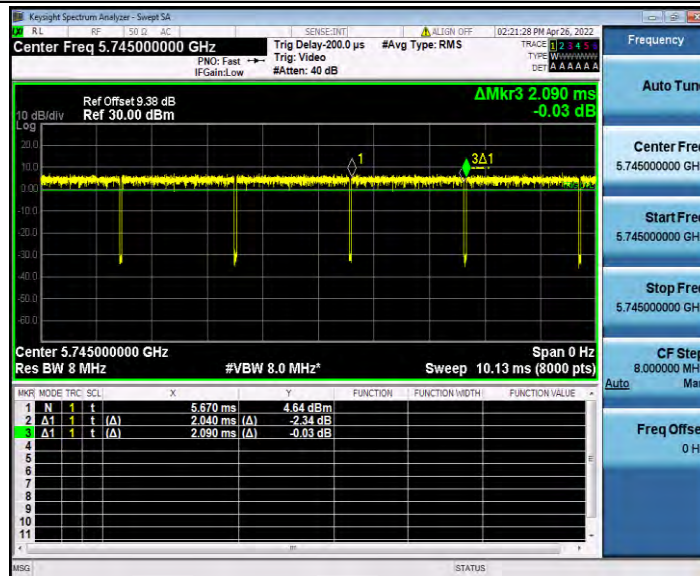
Appendix E.3: Duty Cycle

Test Result

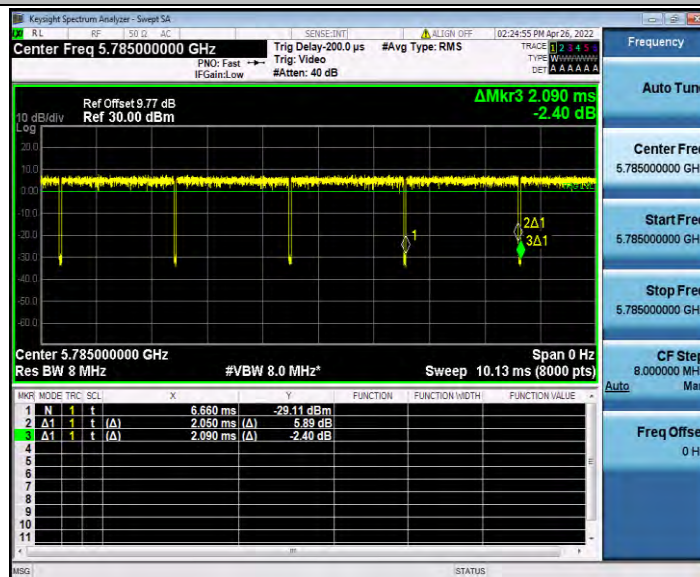
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty factor (dB)
11A	Ant1	5745	2.04	2.09	97.61	0.11
		5785	2.05	2.09	98.09	0.08
		5825	2.05	2.10	97.62	0.10
11N20SISO	Ant1	5745	1.91	2.26	84.51	0.73
		5785	1.91	2.25	84.89	0.71
		5825	1.91	2.25	84.89	0.71
11N40SISO	Ant1	5755	0.94	1.11	84.68	0.72
		5795	0.93	1.11	83.78	0.77
11AC20SISO	Ant1	5745	1.91	2.26	84.51	0.73
		5785	1.92	2.26	84.96	0.71
		5825	1.92	2.26	84.96	0.71
11AC40SISO	Ant1	5755	0.94	1.12	83.93	0.76
		5795	0.95	1.12	84.82	0.72
11AC80SISO	Ant1	5775	0.46	0.55	83.64	0.78

Test Graphs

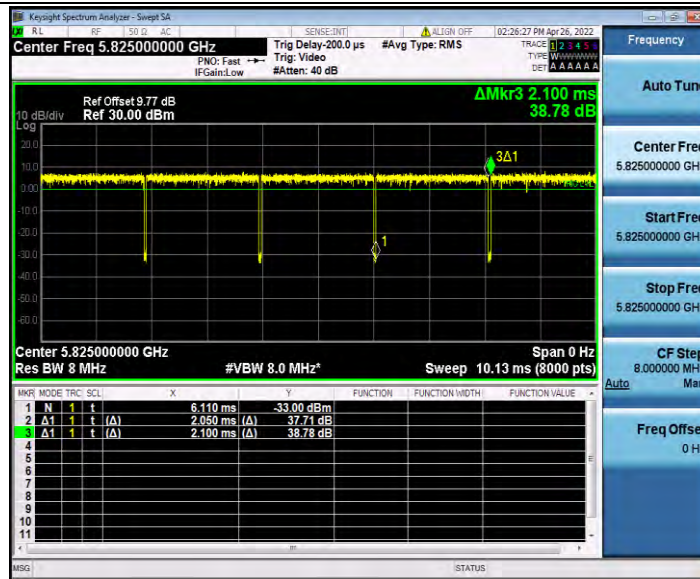
11A_Ant1_5745



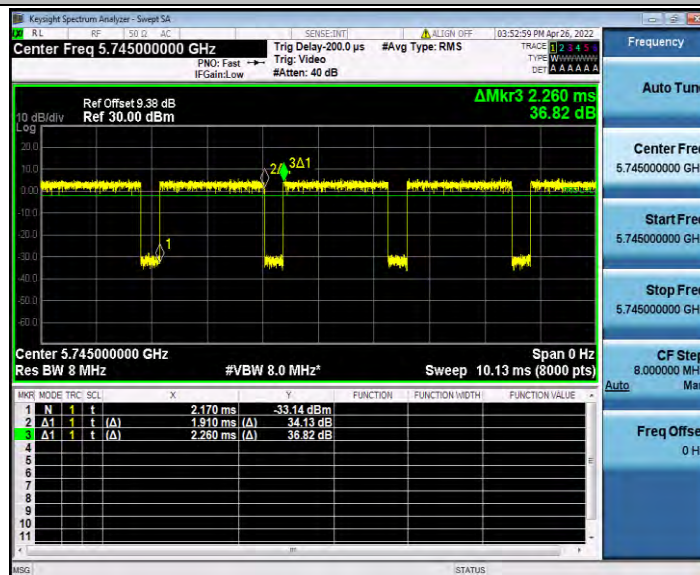
11A_Ant1_5785



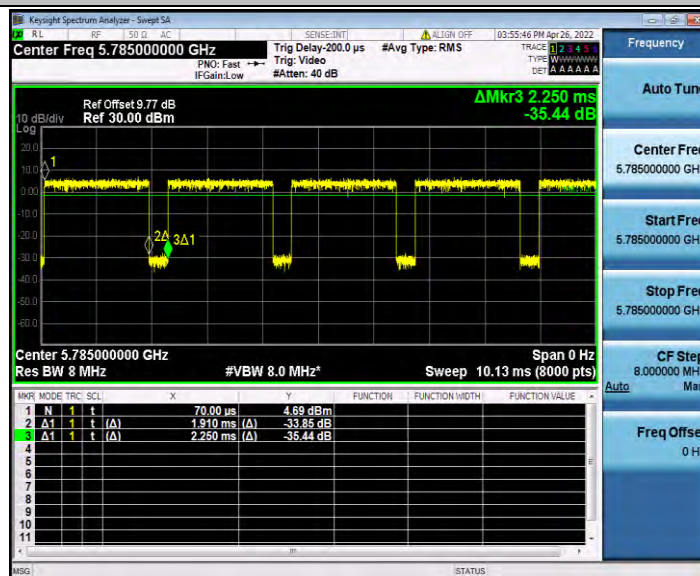
11A_Ant1_5825



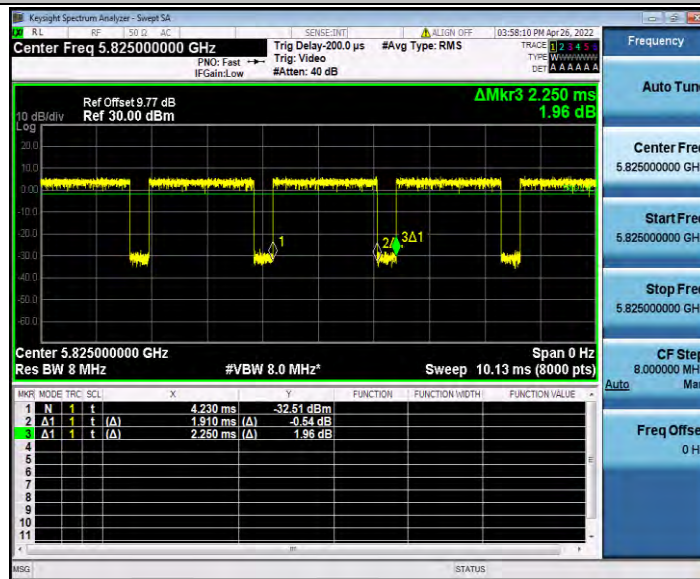
11N20SISO_Ant1_5745



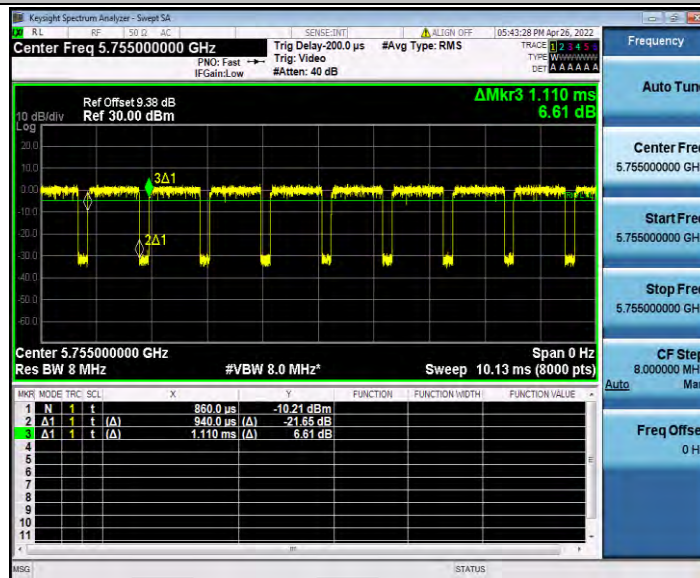
11N20SISO_Ant1_5785



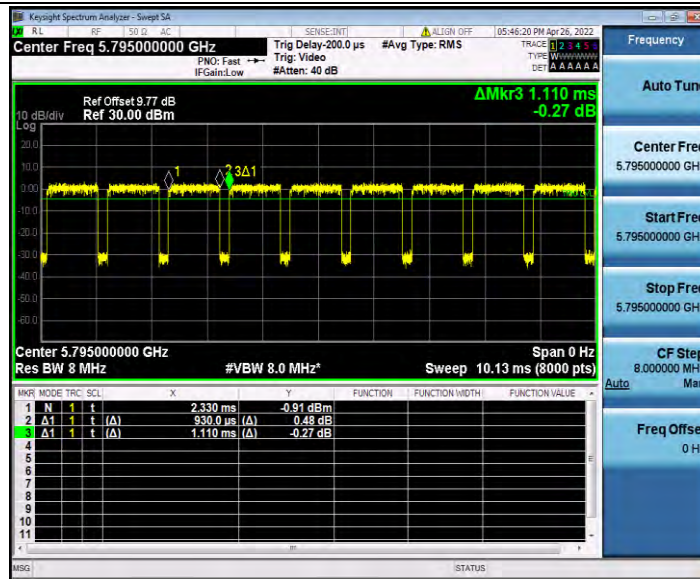
11N20SISO_Ant1_5825



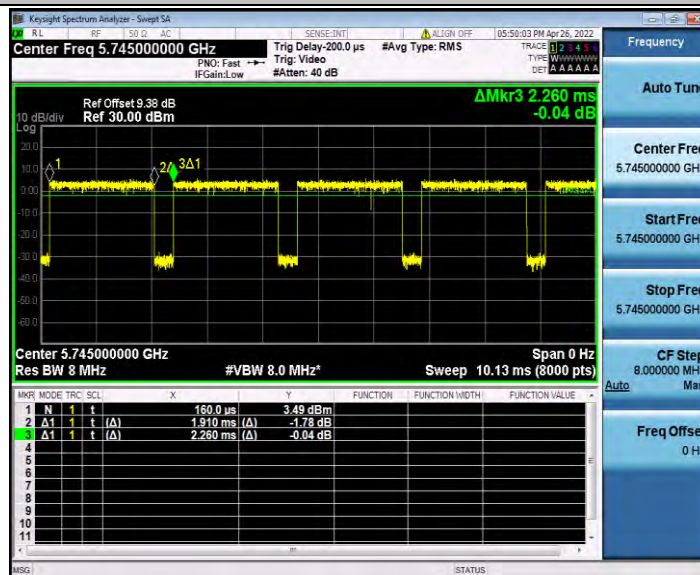
11N40SISO_Ant1_5755



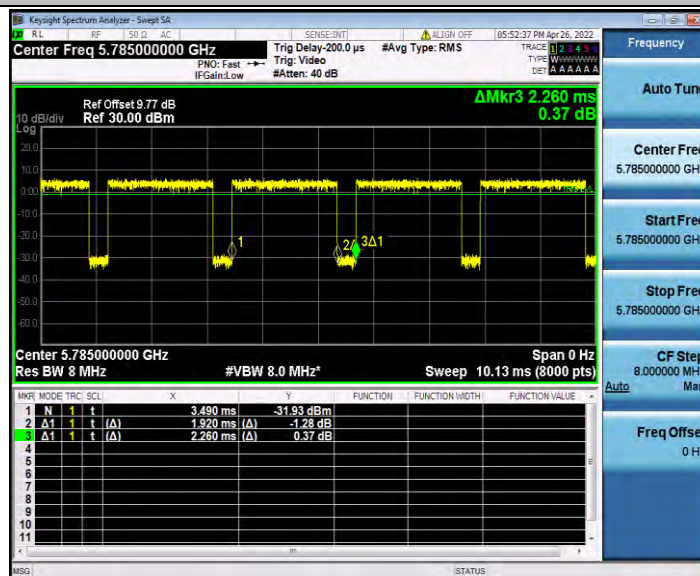
11N40SISO_Ant1_5795



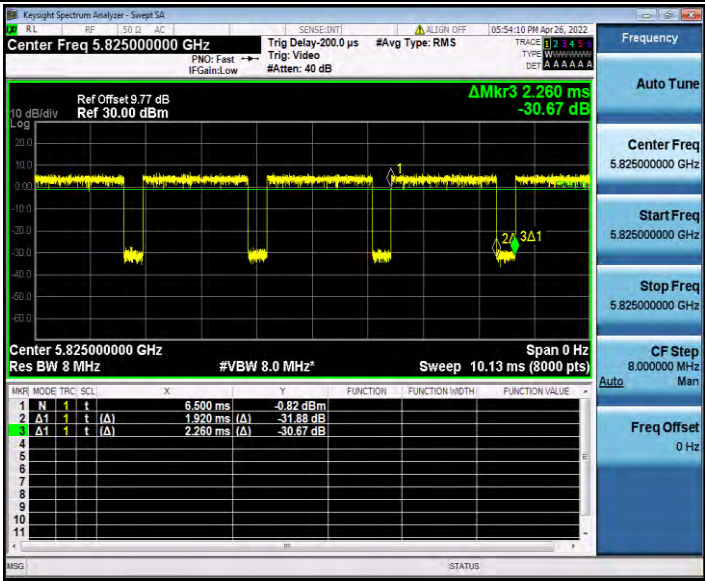
11AC20SISO_Ant1_5745



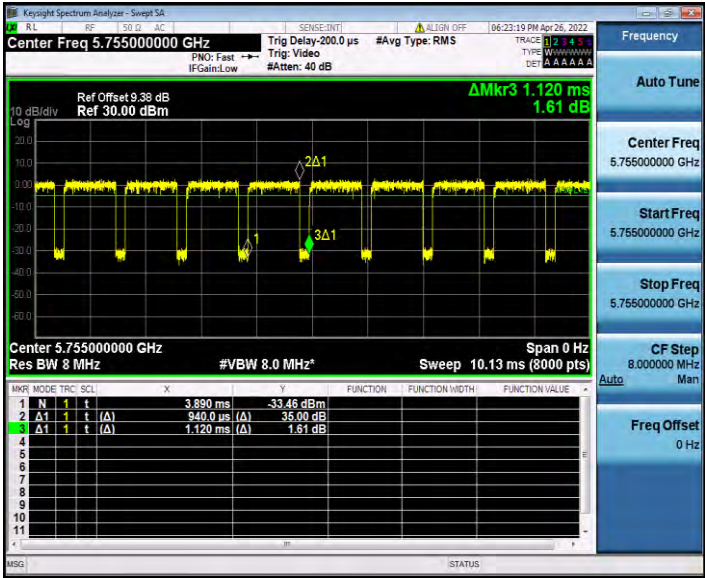
11AC20SISO_Ant1_5785



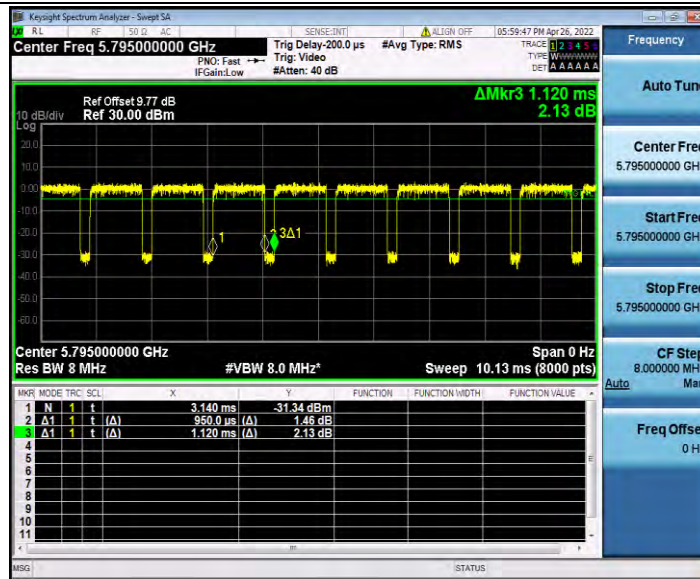
11AC20SISO_Ant1_5825



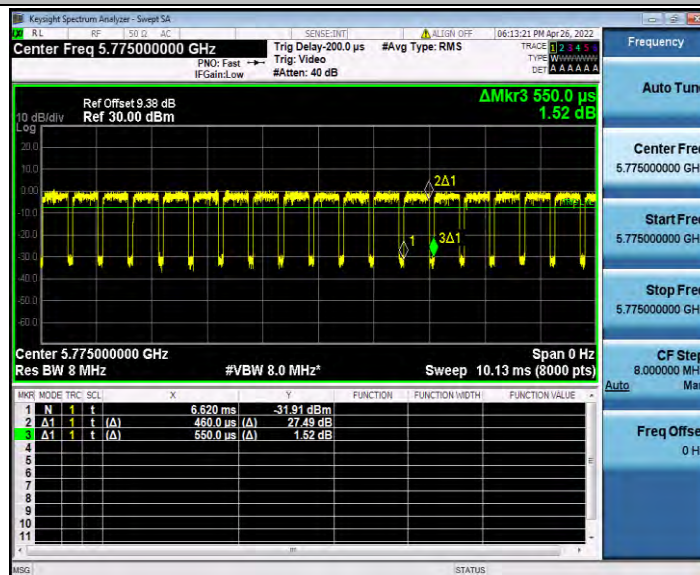
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix E.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	0.11	≤30.00	PASS
		5785	1.15	≤30.00	PASS
		5825	0.92	≤30.00	PASS
11N20SISO	Ant1	5745	-0.29	≤30.00	PASS
		5785	0.44	≤30.00	PASS
		5825	0.66	≤30.00	PASS
11N40SISO	Ant1	5755	-2.83	≤30.00	PASS
		5795	-2.41	≤30.00	PASS
11AC20SISO	Ant1	5745	-0.49	≤30.00	PASS
		5785	0.57	≤30.00	PASS
		5825	0.66	≤30.00	PASS
11AC40SISO	Ant1	5755	-3.11	≤30.00	PASS
		5795	-2.59	≤30.00	PASS
11AC80SISO	Ant1	5775	-5.46	≤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



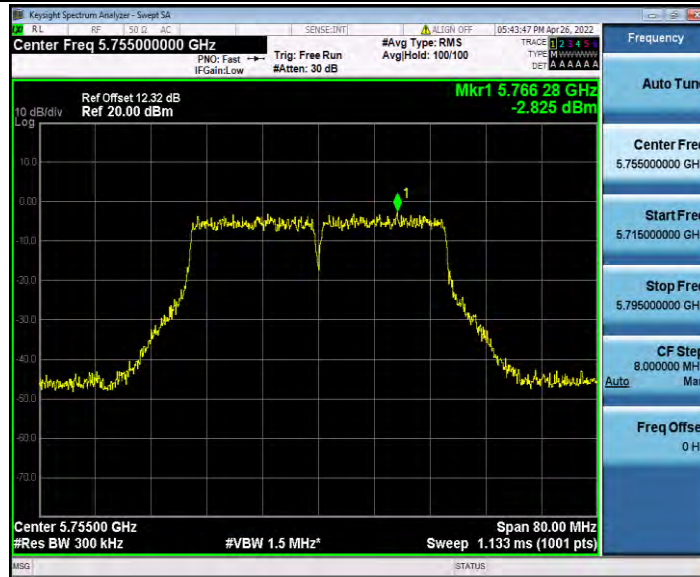
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



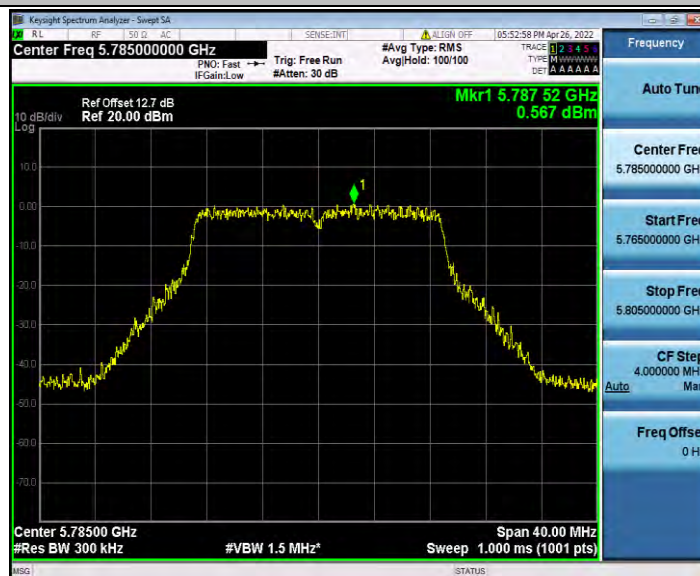
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix E.5: Band edge measurements

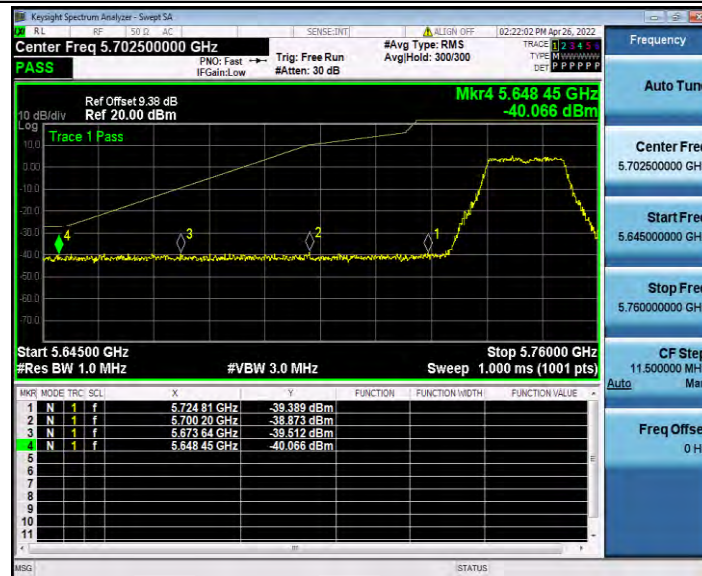
Test Result B4

TestMode	Antenna	ChName	Frequency[MHz]	FreqRange [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-39.51	≤-9.51	PASS
				5700~5720	-38.87	≤10.06	PASS
				5720~5725	-39.39	≤26.57	PASS
				5760~5650	-40.07	≤-27	PASS
		High	5825	5850~5855	-39.13	≤17.33	PASS
				5855~5875	-38.59	≤14.67	PASS
				5875~5925	-38.67	≤-13.37	PASS
				5925~5935	-38.68	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-39.6	≤-19.72	PASS
				5700~5720	-38.7	≤15.01	PASS
				5720~5725	-39.68	≤25.52	PASS
				5760~5650	-40.1	≤-27	PASS
		High	5825	5850~5855	-38.91	≤24.72	PASS
				5855~5875	-38.05	≤14.26	PASS
				5875~5925	-38.44	≤-3.38	PASS
				5925~5935	-38.12	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-38.72	≤-3.53	PASS
				5700~5720	-38.94	≤15.35	PASS
				5720~5725	-38.73	≤21.89	PASS
				5780~5650	-40.63	≤-27	PASS
		High	5795	5850~5855	-39.1	≤21.30	PASS
				5855~5875	-38.43	≤11.10	PASS
				5875~5925	-38.13	≤3.36	PASS
				5925~5935	-38.44	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-39.33	≤-22.53	PASS
				5700~5720	-40.23	≤14.18	PASS
				5720~5725	-39.35	≤20.54	PASS
				5760~5650	-40.57	≤-27	PASS
		High	5825	5850~5855	-39.53	≤19.80	PASS
				5855~5875	-38.22	≤12.86	PASS
				5875~5925	-38.2	≤-15.27	PASS
				5925~5935	-38.03	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-39.75	≤-12.52	PASS
				5700~5720	-39.66	≤15.31	PASS
				5720~5725	-39.02	≤18.81	PASS
				5780~5650	-40.49	≤-27	PASS

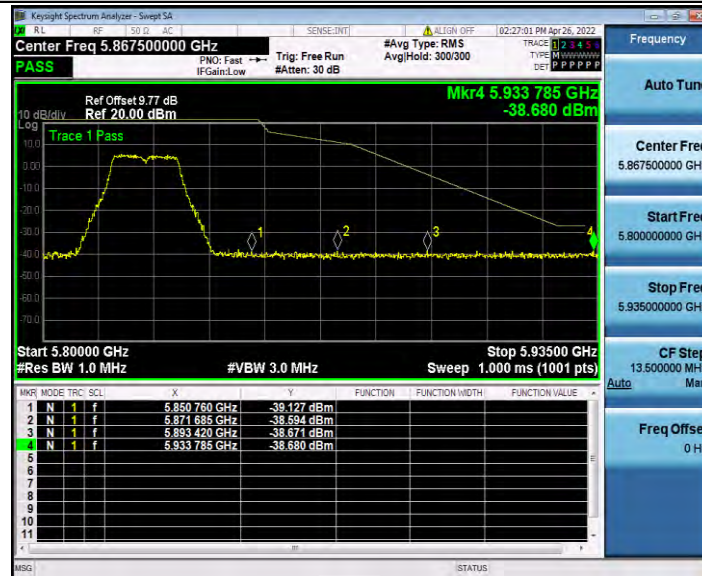
		High	5795	5850~5855	-39.54	≤ 26.57	PASS
				5855~5875	-39.28	≤ 13.18	PASS
				5875~5925	-38.13	≤ 5.07	PASS
				5925~5935	-39.46	≤ 27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-39.17	≤ 11.89	PASS
				5700~5720	-39.13	≤ 14.65	PASS
				5720~5725	-38.96	≤ 24.13	PASS
				5800~5650	-40.63	≤ 27	PASS
		High	5775	5850~5855	-39.65	≤ 15.79	PASS
				5855~5875	-38.98	≤ 14.84	PASS
				5875~5925	-38.65	≤ 14.91	PASS
				5925~5935	-38.67	≤ 27	PASS

Test Graphs B4

11A_Ant1_Low_5745



11A_Ant1_High_5825



11N20SISO_Ant1_Low_5745



11N20SISO_Ant1_High_5825



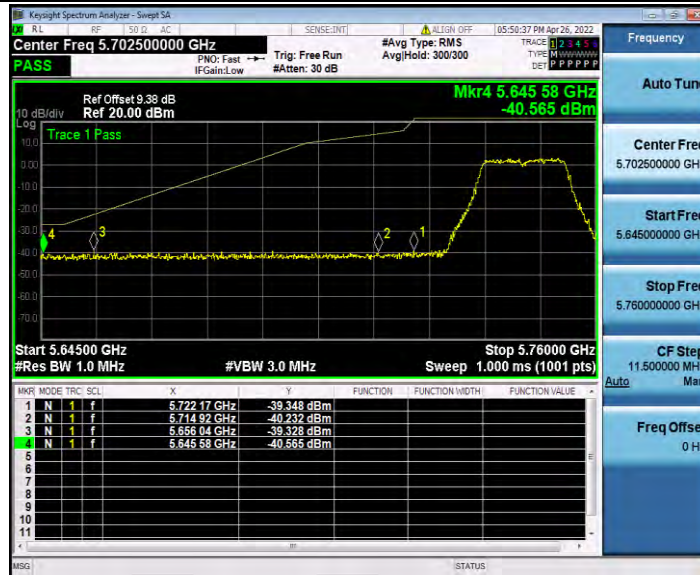
11N40SISO_Ant1_Low_5755



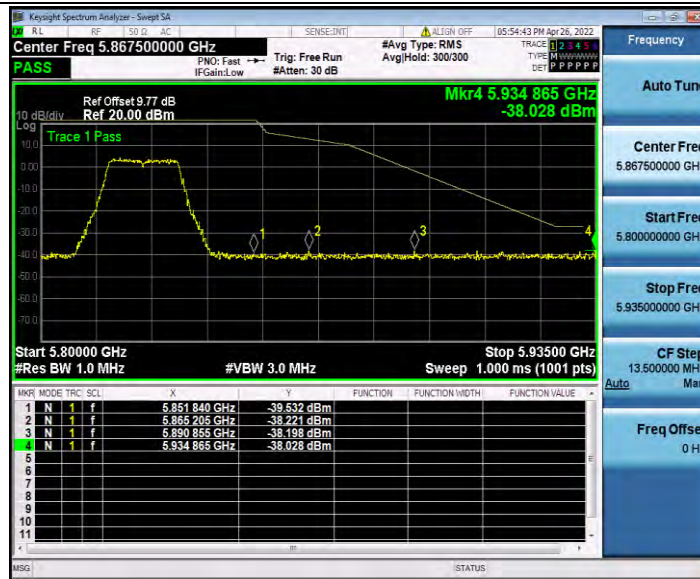
11N40SISO_Ant1_High_5795



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 E.6: Conducted Spurious Emission

Test Result

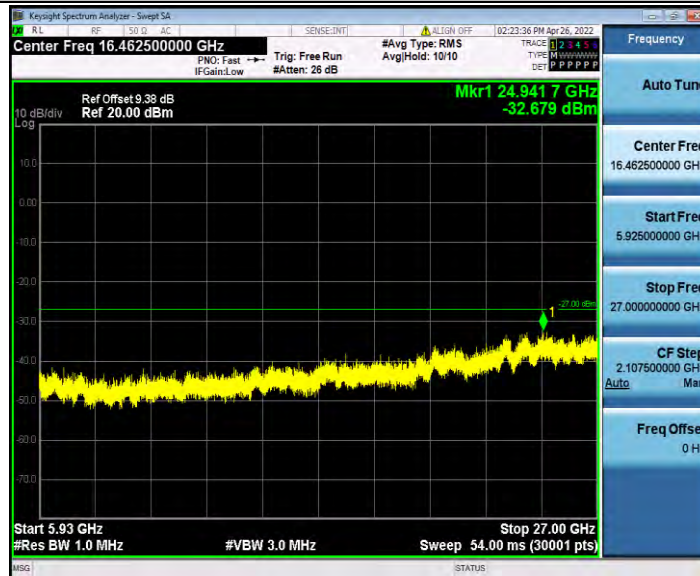
TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3221.04	-41.06	≤-27	PASS
			5925~40000	24941.68	-32.68	≤-27	PASS
		5785	30~5650	5433.82	-40.1	≤-27	PASS
			5925~40000	23585.85	-32.17	≤-27	PASS
		5825	30~5650	5470.91	-40.15	≤-27	PASS
			5925~40000	24227.23	-32.54	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	4842.59	-40.9	≤-27	PASS
			5925~40000	24296.78	-32.4	≤-27	PASS
		5785	30~5650	833.66	-38.96	≤-27	PASS
			5925~40000	23614.65	-31.88	≤-27	PASS
		5825	30~5650	4924.46	-40.13	≤-27	PASS
			5925~40000	26972.6	-32.26	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5496.95	-40.93	≤-27	PASS
			5925~40000	24856.67	-32.59	≤-27	PASS
		5795	30~5650	3292.78	-40.85	≤-27	PASS
			5925~40000	24141.53	-31.98	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	5442.62	-40.57	≤-27	PASS
			5925~40000	24249.01	-32.39	≤-27	PASS
		5785	30~5650	2634.31	-40.78	≤-27	PASS
			5925~40000	25255.69	-32.65	≤-27	PASS
		5825	30~5650	5454.42	-40.46	≤-27	PASS
			5925~40000	24214.59	-32.51	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	5446.74	-40.61	≤-27	PASS
			5925~40000	25527.56	-32.51	≤-27	PASS
		5795	30~5650	2688.63	-40.66	≤-27	PASS
			5925~40000	24188.6	-32.47	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	4989.65	-40.85	≤-27	PASS
			5925~40000	24306.62	-32.54	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



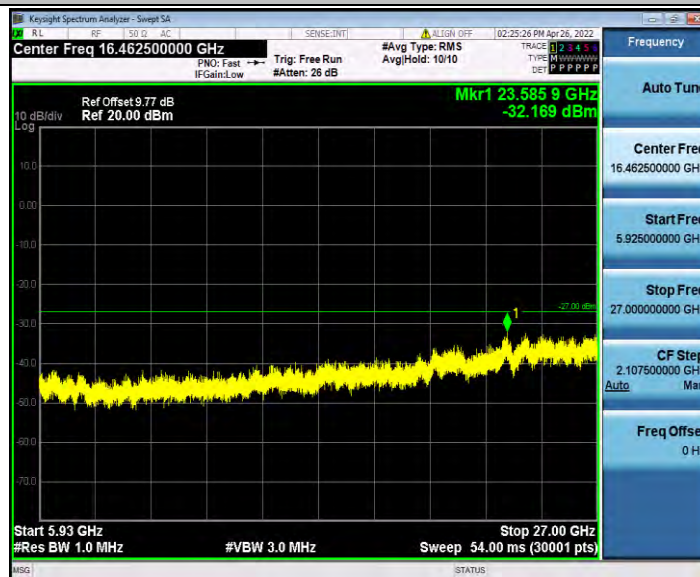
11A_Ant1_5745_5925~40000



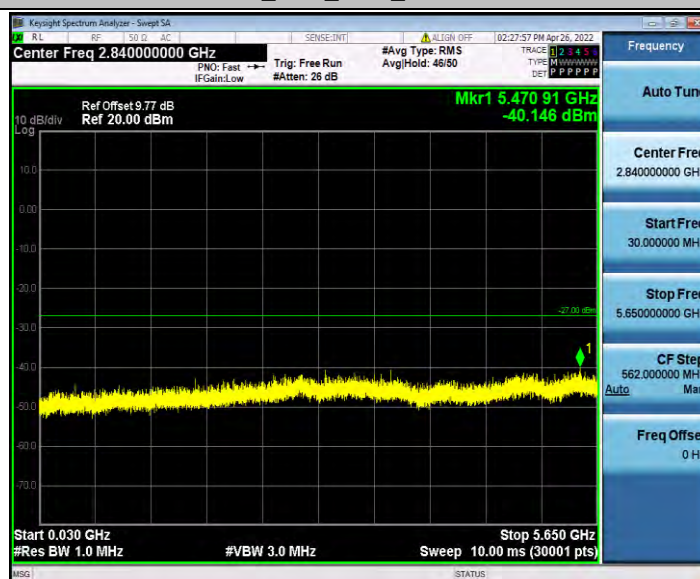
11A_Ant1_5785_30~5650



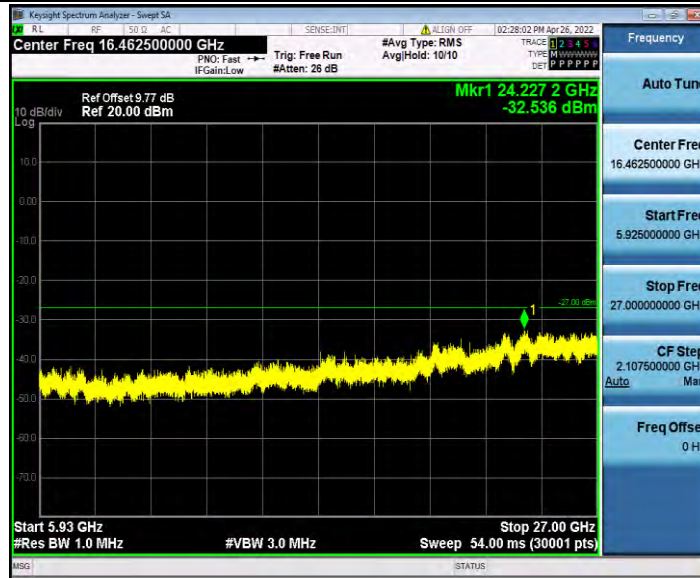
11A_Ant1_5785_5925~40000



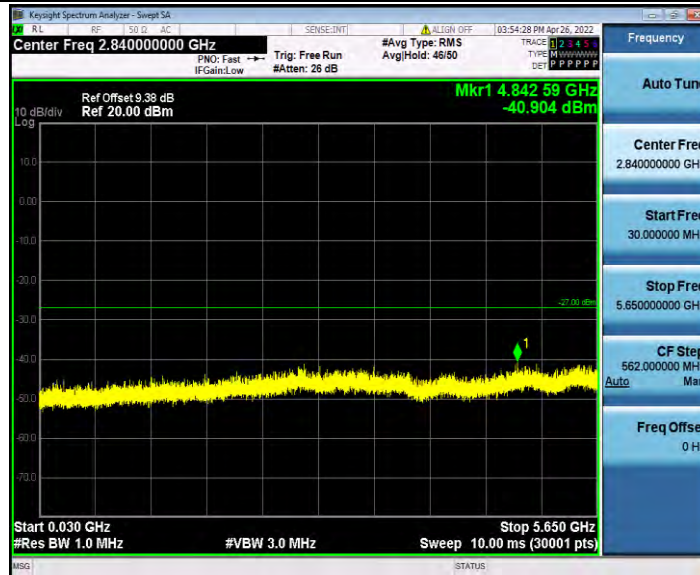
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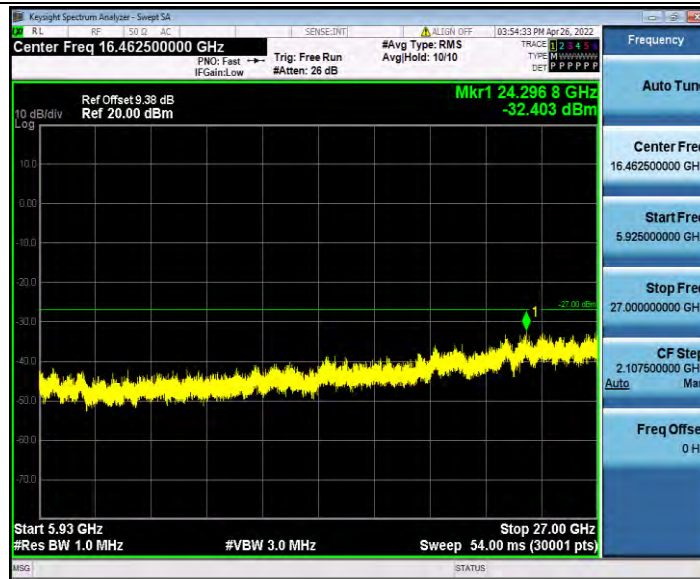
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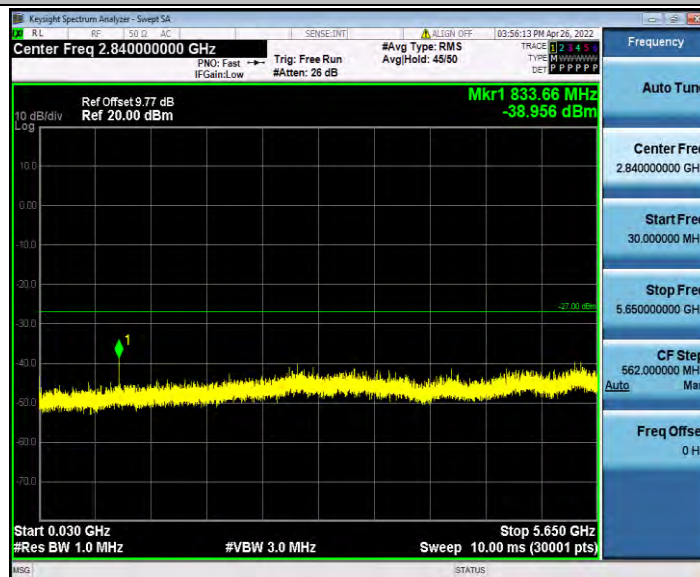
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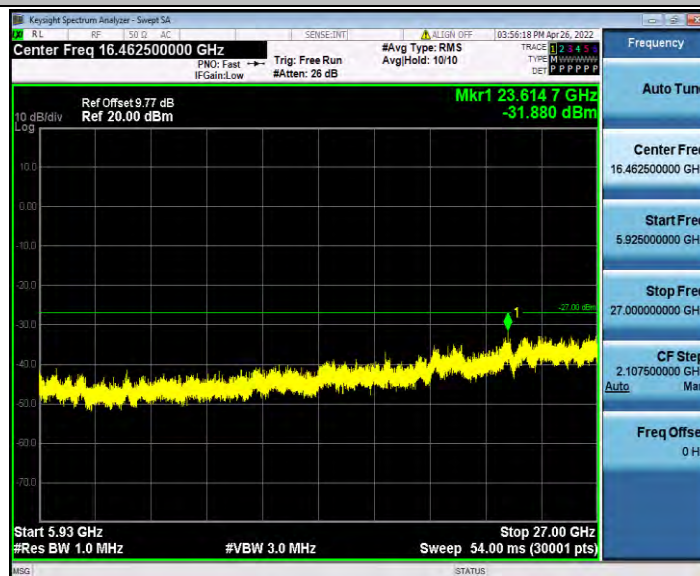
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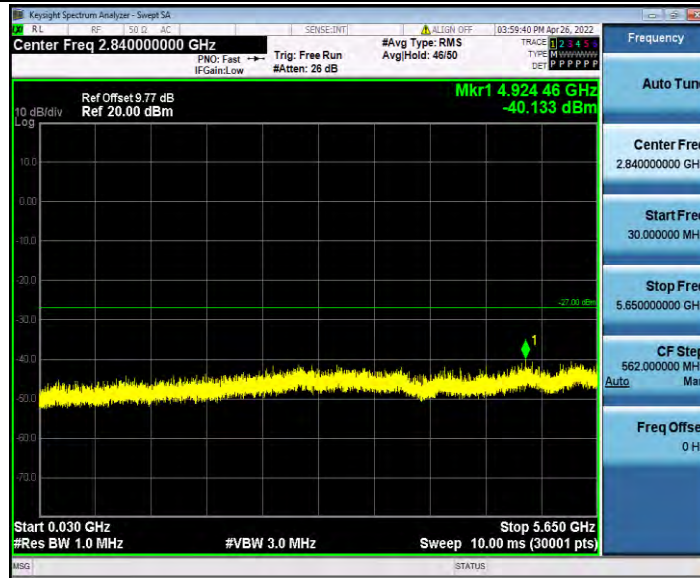
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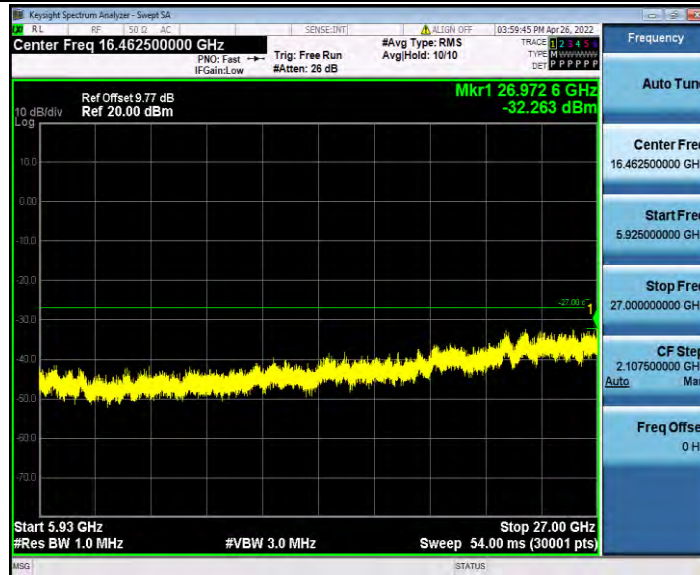
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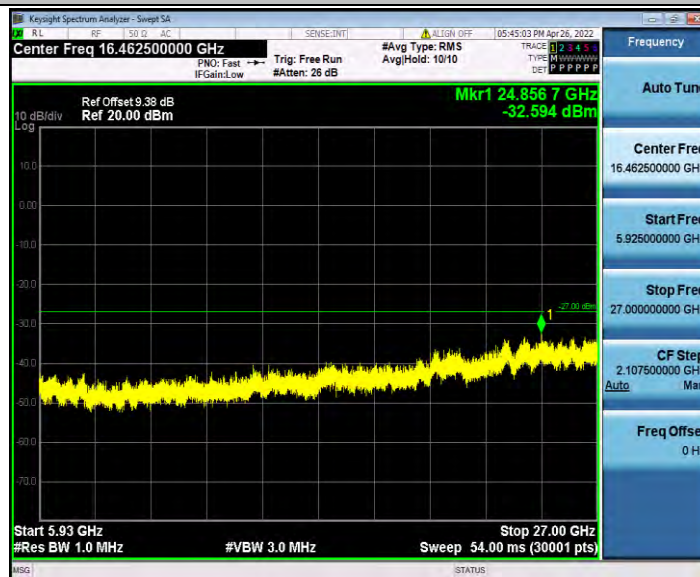
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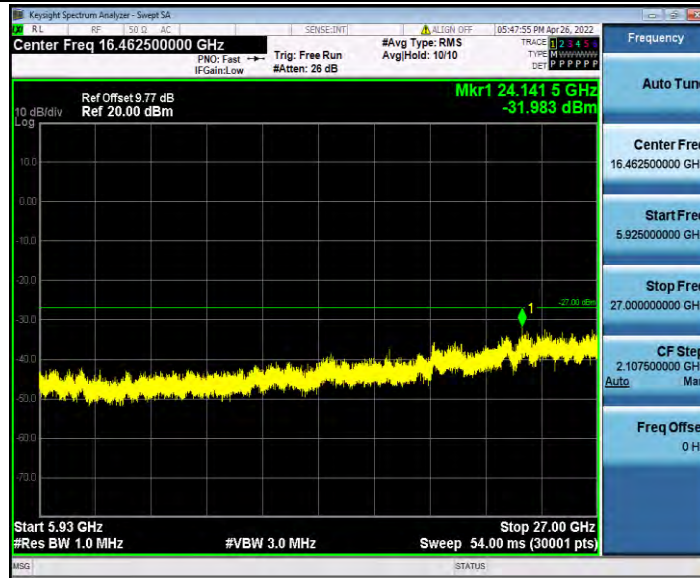
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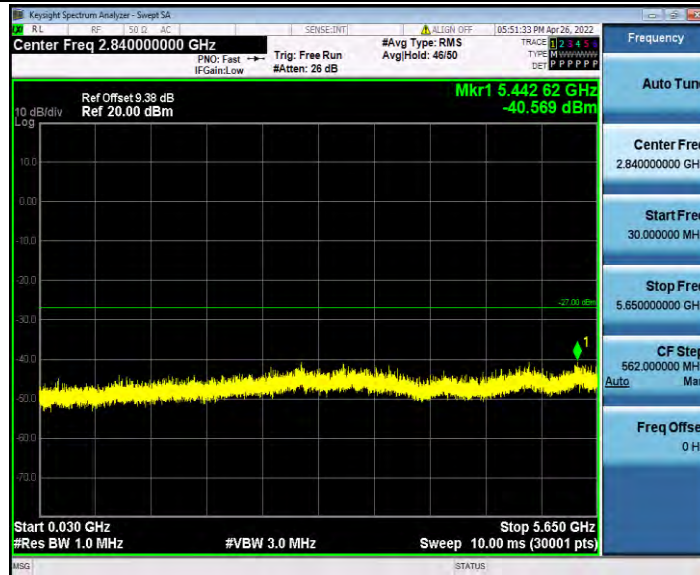
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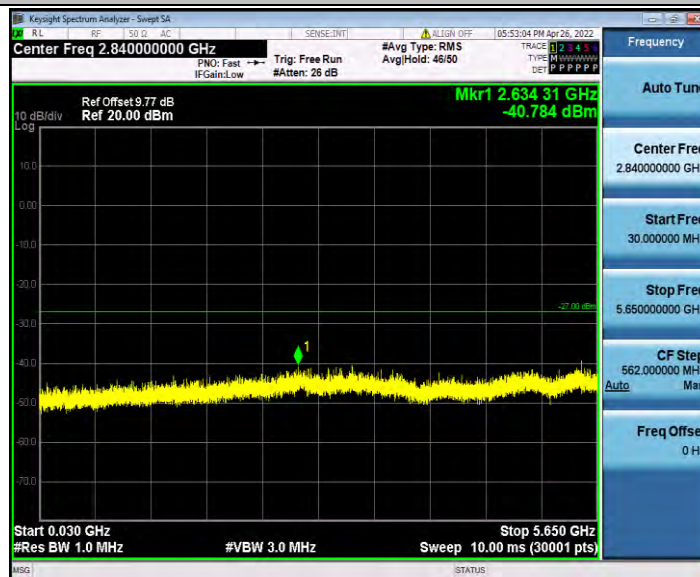
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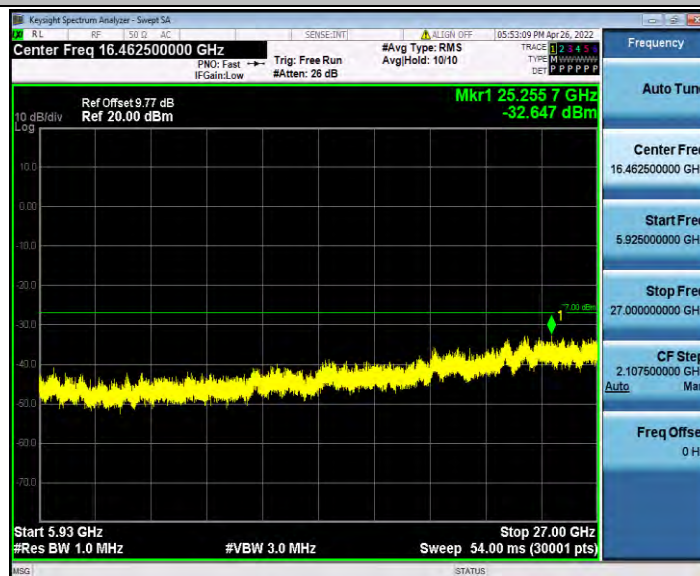
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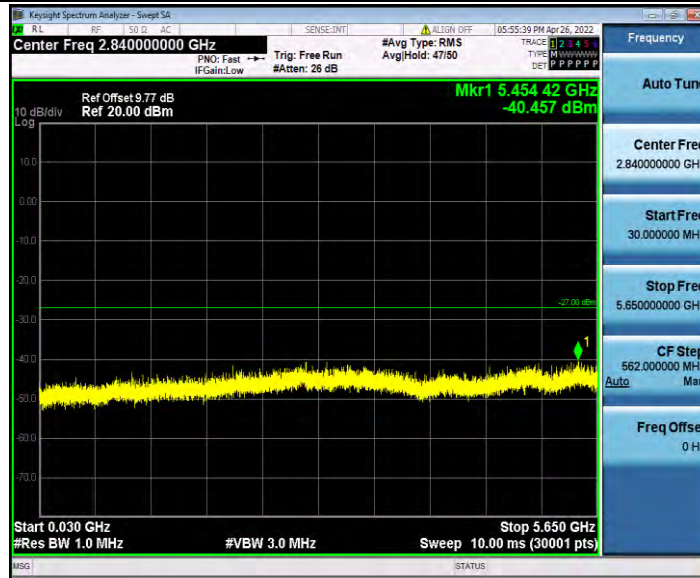
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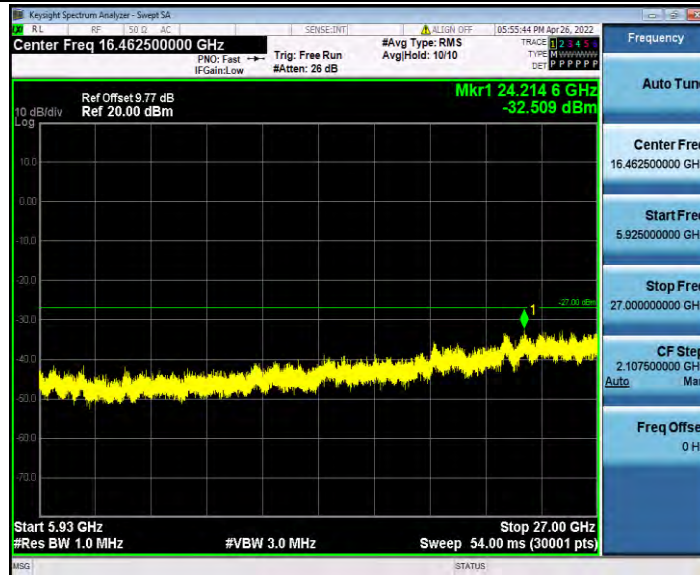
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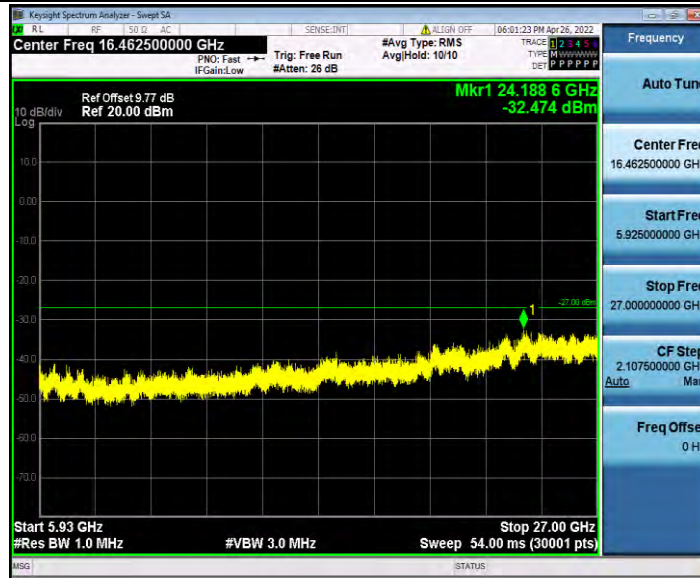
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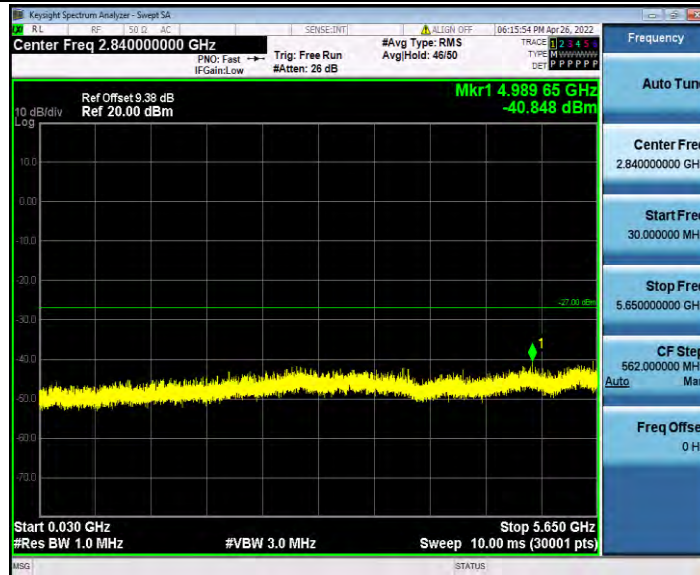
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11AC80SISO_Ant1_5775_5925~40000

