

Case No. : GTS20220421027-1-2	
Ambient Condition: 21 °C, 46 %RH,	
Test Date: 2022/6/6	Test Engineer: Jenny Zeng

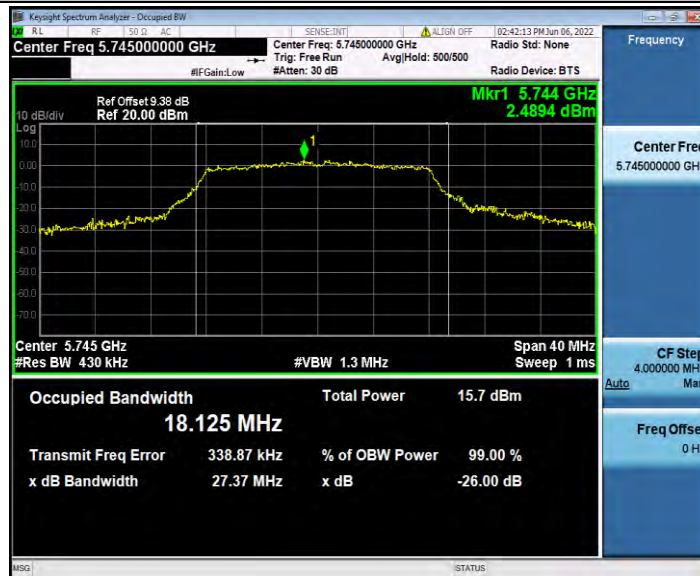
Appendix C.1: Occupied channel bandwidth

Test Result

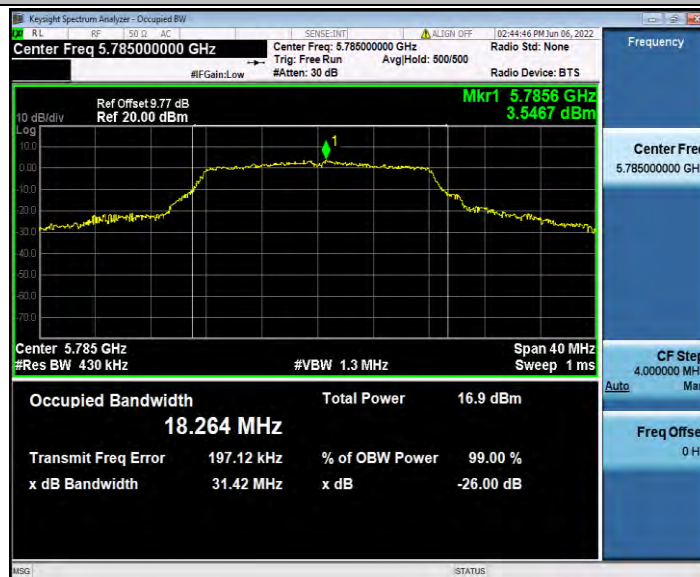
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	18.125	5736.276	5754.401	---	---
		5785	18.264	5776.065	5794.329	---	---
		5825	18.063	5816.037	5834.100	---	---
11N20SISO	Ant1	5745	19.201	5735.821	5755.022	---	---
		5785	18.868	5775.744	5794.612	---	---
		5825	18.768	5815.716	5834.484	---	---
11N40SISO	Ant1	5755	39.783	5736.861	5776.644	---	---
		5795	38.014	5776.683	5814.697	---	---
11AC20SISO	Ant1	5745	18.760	5735.835	5754.595	---	---
		5785	18.773	5775.774	5794.547	---	---
		5825	18.648	5815.795	5834.443	---	---
11AC40SISO	Ant1	5755	40.520	5736.852	5777.372	---	---
		5795	38.163	5776.732	5814.895	---	---
11AC80SISO	Ant1	5775	82.092	5737.551	5819.643	---	---

Test Graphs

11A_Ant1_5745



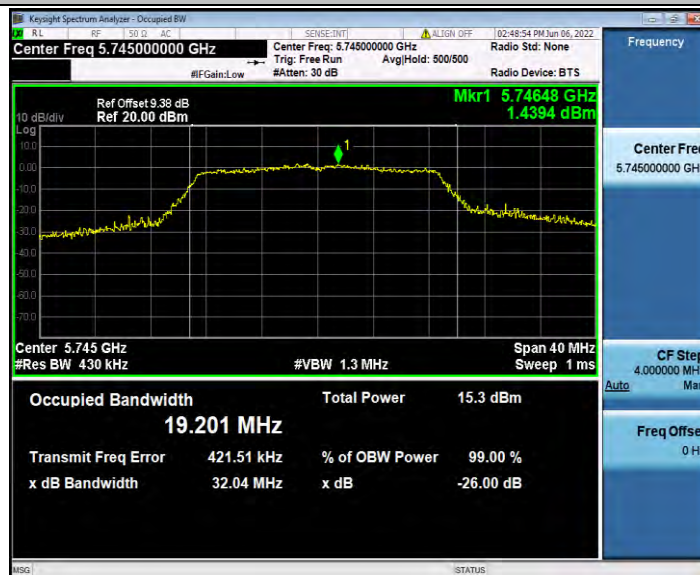
11A_Ant1_5785



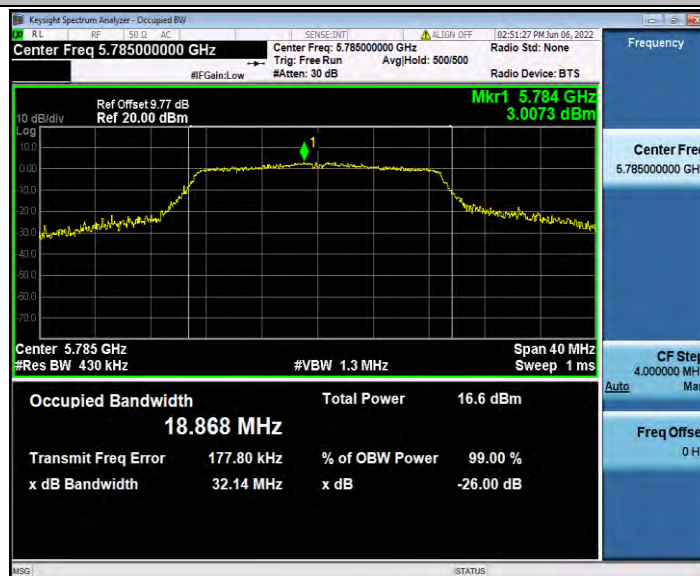
11A_Ant1_5825



11N20SISO_Ant1_5745



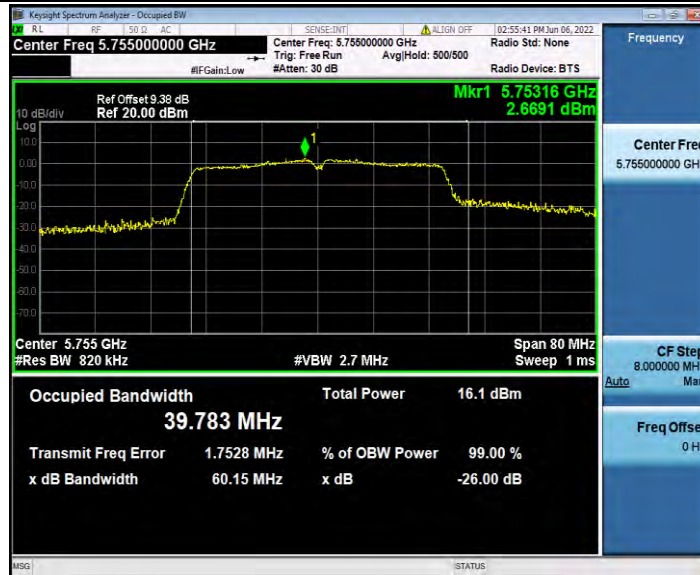
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



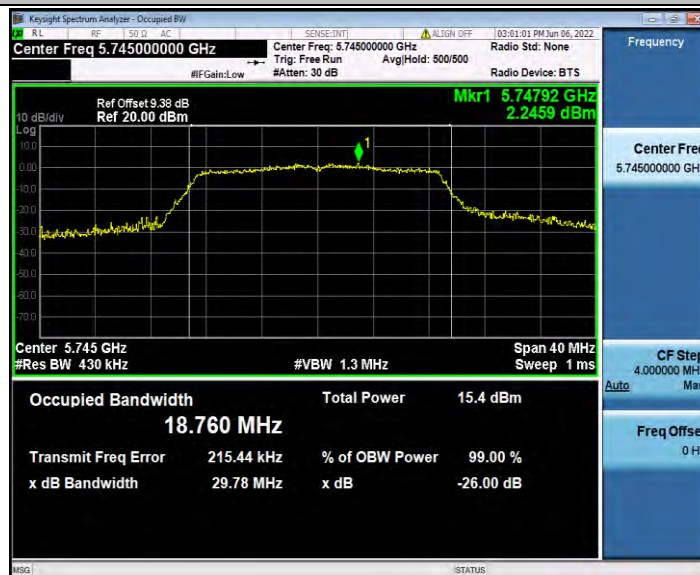
11N40SISO_Ant1_5755



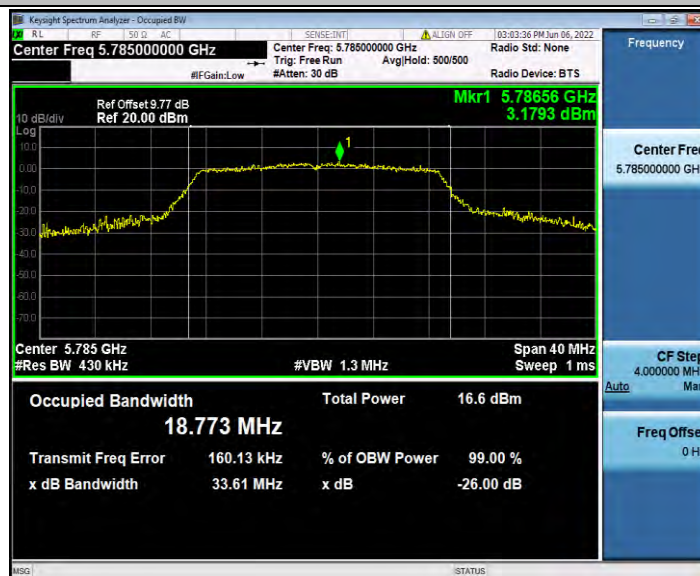
11N40SISO_Ant1_5795



11AC20SISO_Ant1_5745



11AC20SISO_Ant1_5785



11AC20SISO_Ant1_5825



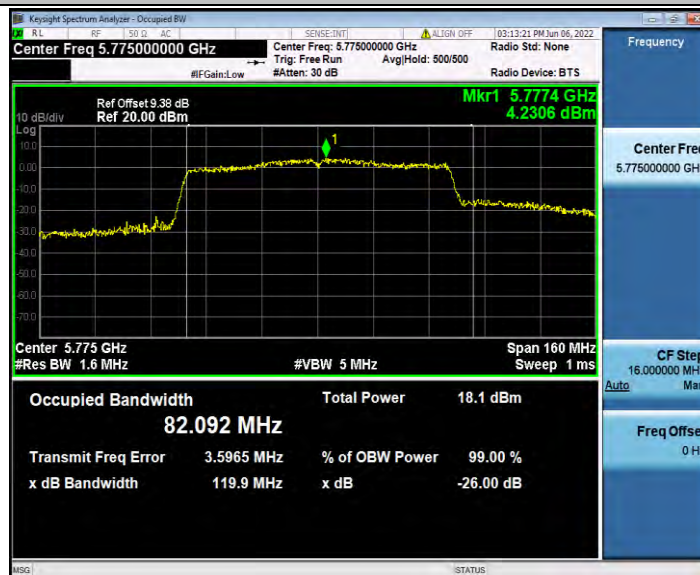
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



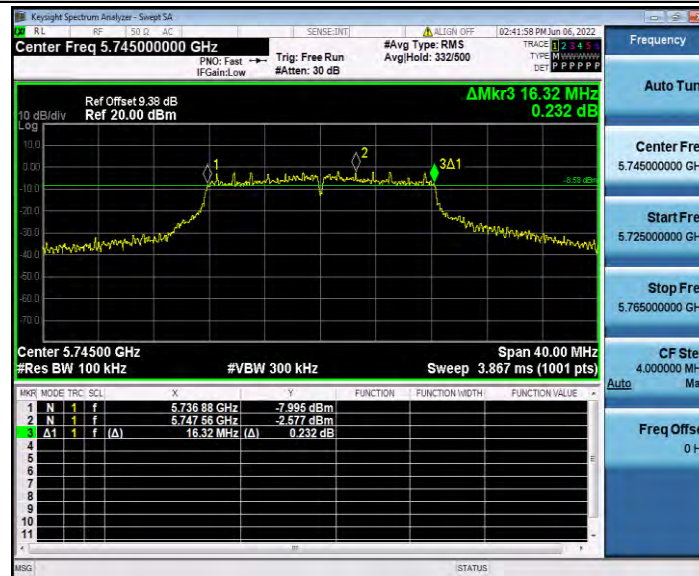
Appendix C.2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.320	5736.880	5753.200	0.5	PASS
		5785	16.280	5776.880	5793.160	0.5	PASS
		5825	15.720	5817.200	5832.920	0.5	PASS
11N20SISO	Ant1	5745	17.160	5736.640	5753.800	0.5	PASS
		5785	17.520	5776.280	5793.800	0.5	PASS
		5825	16.560	5816.880	5833.440	0.5	PASS
11N40SISO	Ant1	5755	35.680	5737.480	5773.160	0.5	PASS
		5795	36.000	5777.160	5813.160	0.5	PASS
11AC20SISO	Ant1	5745	16.400	5737.160	5753.560	0.5	PASS
		5785	16.800	5776.480	5793.280	0.5	PASS
		5825	16.000	5817.440	5833.440	0.5	PASS
11AC40SISO	Ant1	5755	35.680	5737.480	5773.160	0.5	PASS
		5795	36.000	5777.160	5813.160	0.5	PASS
11AC80SISO	Ant1	5775	75.200	5737.560	5812.760	0.5	PASS

Test Graphs B4

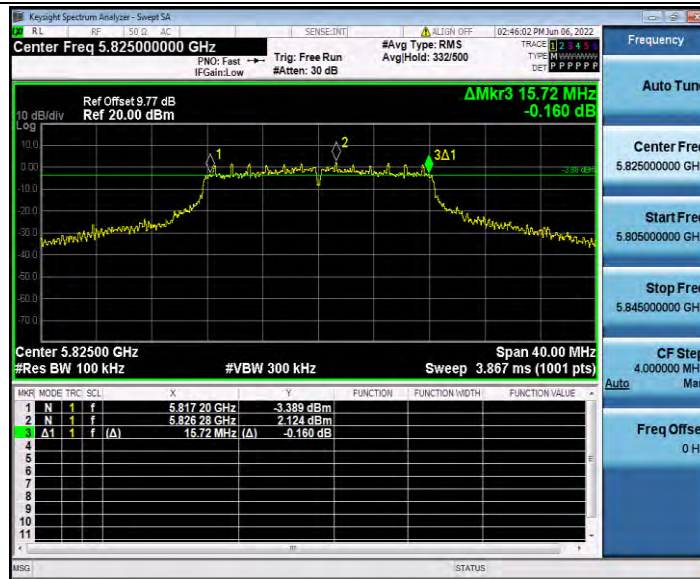
11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



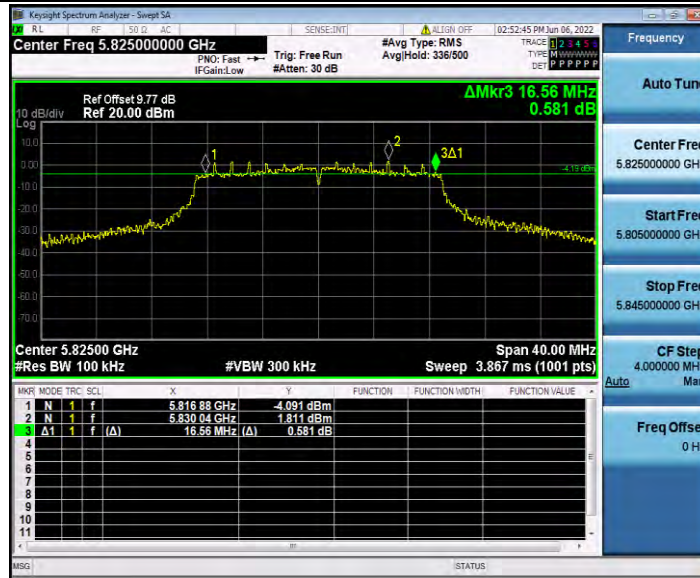
11N20SISO_Ant1_5745



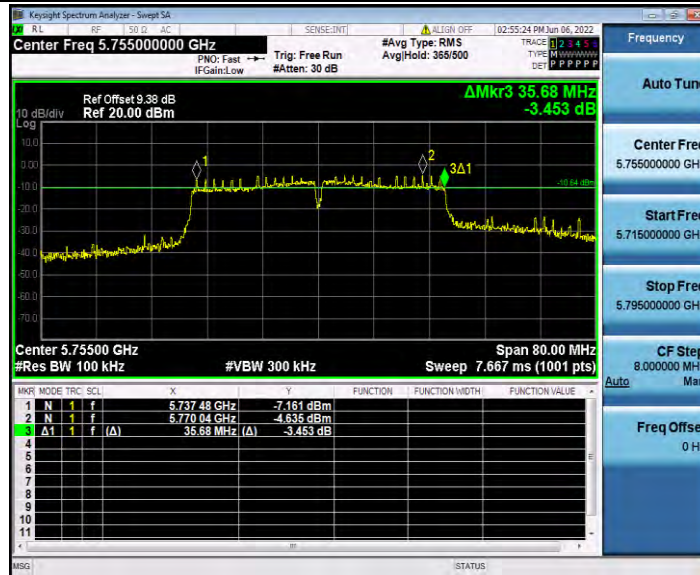
11N20SISO_Ant1_5785



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



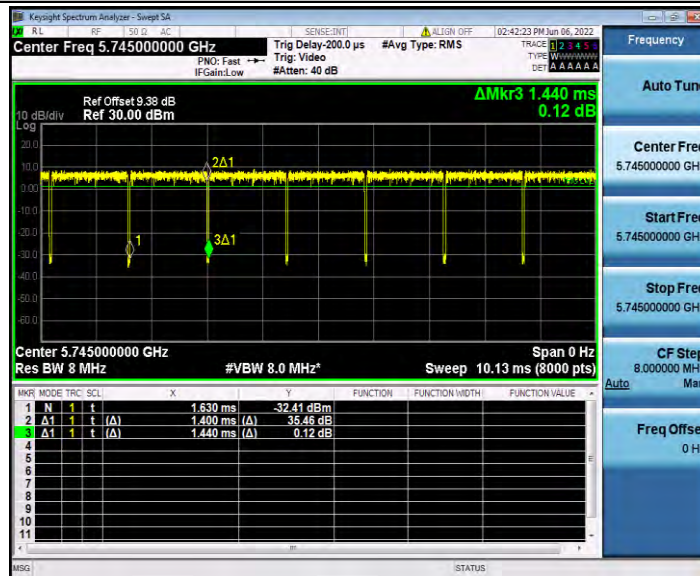
Appendix C.3: Duty Cycle

Test Result

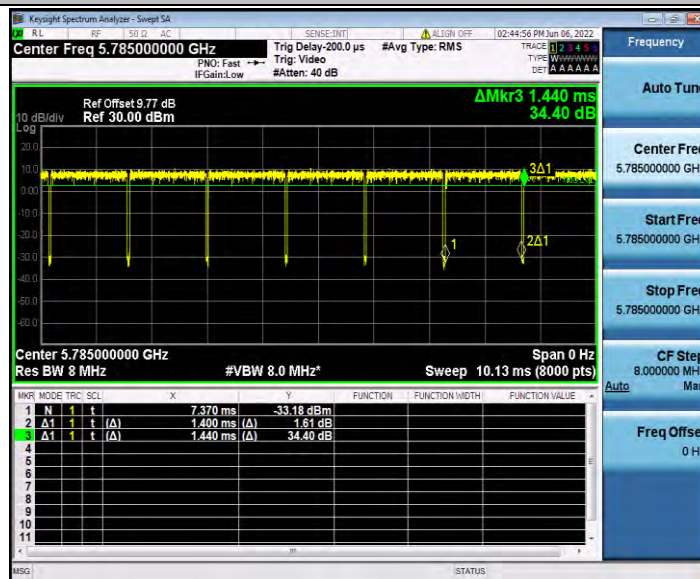
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dBm]
11A	Ant1	5745	1.40	1.44	97.22	0.12
		5785	1.40	1.44	97.22	0.12
		5825	1.40	1.44	97.22	0.12
11N20SISO	Ant1	5745	1.31	1.35	97.04	0.13
		5785	1.31	1.35	97.04	0.13
		5825	1.30	1.34	97.01	0.13
11N40SISO	Ant1	5755	0.64	0.69	92.75	0.33
		5795	0.64	0.69	92.75	0.33
11AC20SISO	Ant1	5745	1.31	1.36	96.32	0.16
		5785	1.32	1.36	97.06	0.13
		5825	1.31	1.35	97.04	0.13
11AC40SISO	Ant1	5755	0.65	0.70	92.86	0.32
		5795	0.65	0.69	94.20	0.26
11AC80SISO	Ant1	5775	0.32	0.41	78.05	1.08

Test Graphs

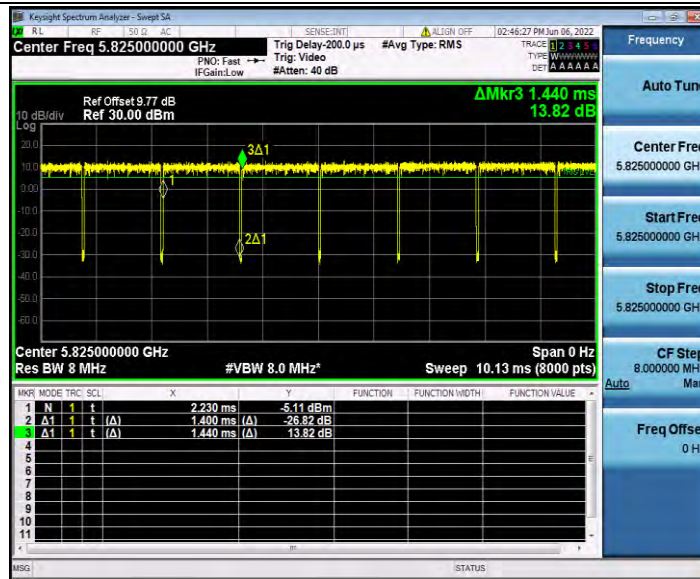
11A_Ant1_5745



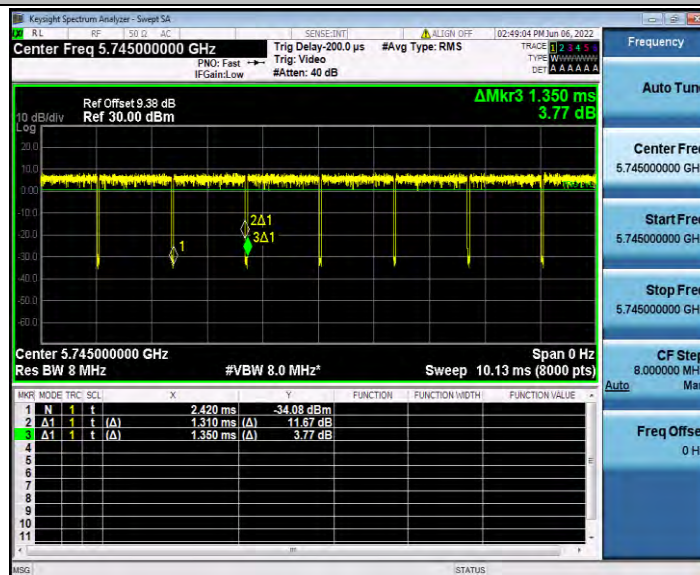
11A_Ant1_5785



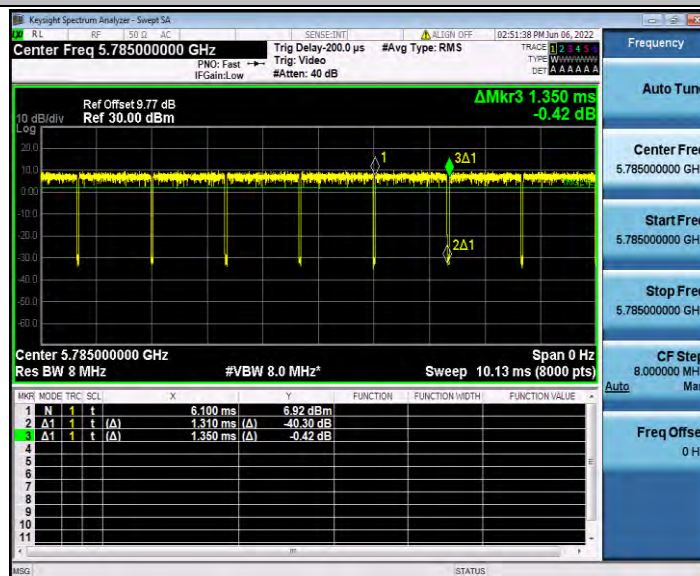
11A_Ant1_5825



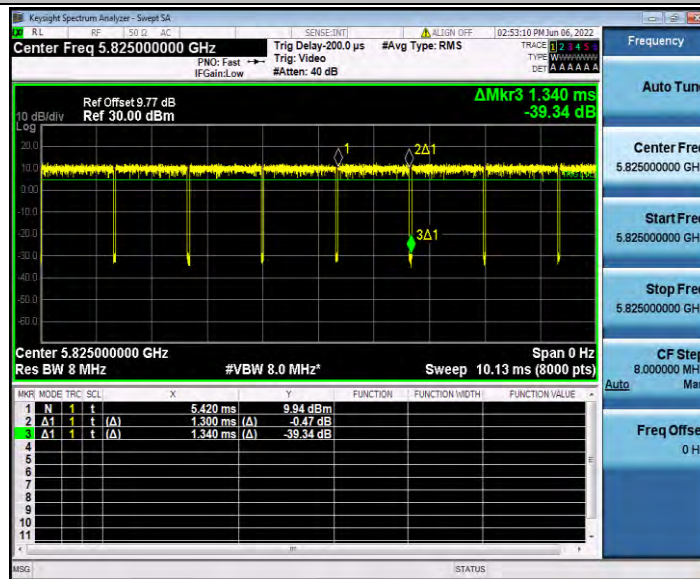
11N20SISO_Ant1_5745



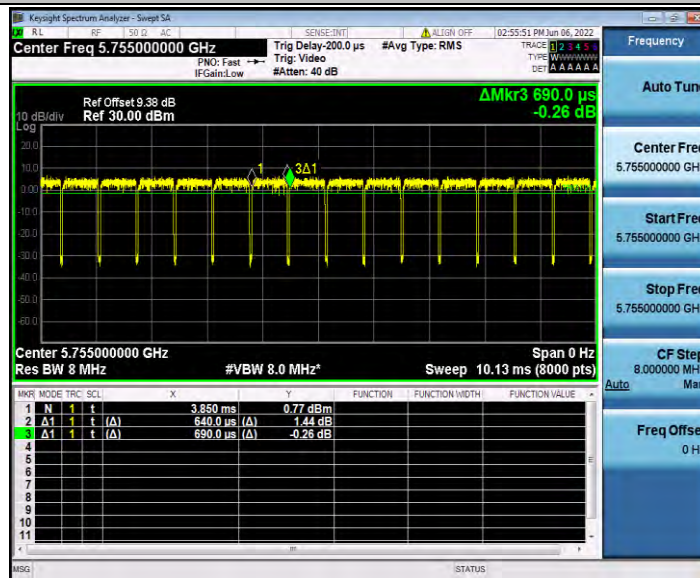
11N20SISO_Ant1_5785



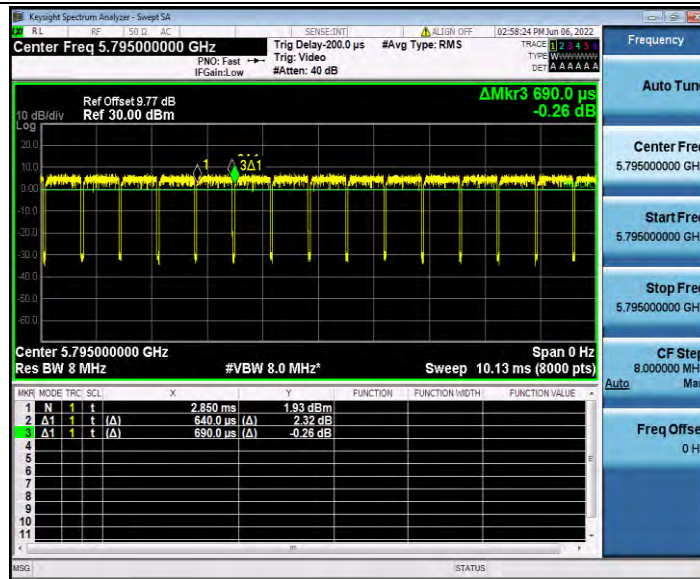
11N20SISO_Ant1_5825



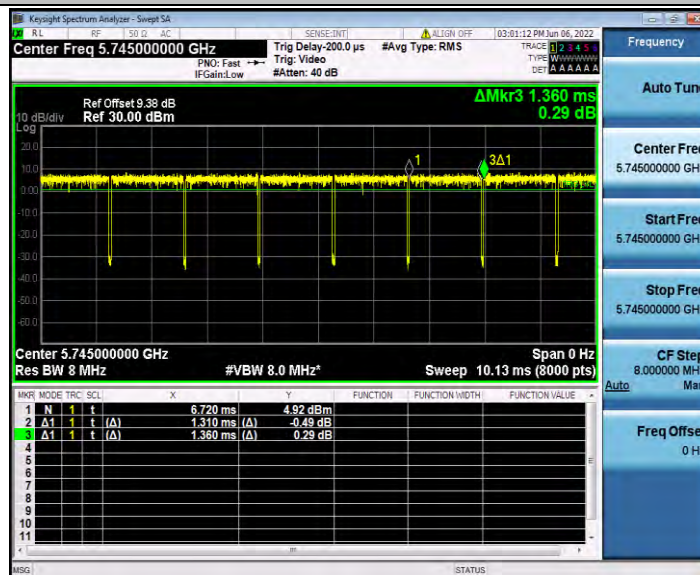
11N40SISO_Ant1_5755



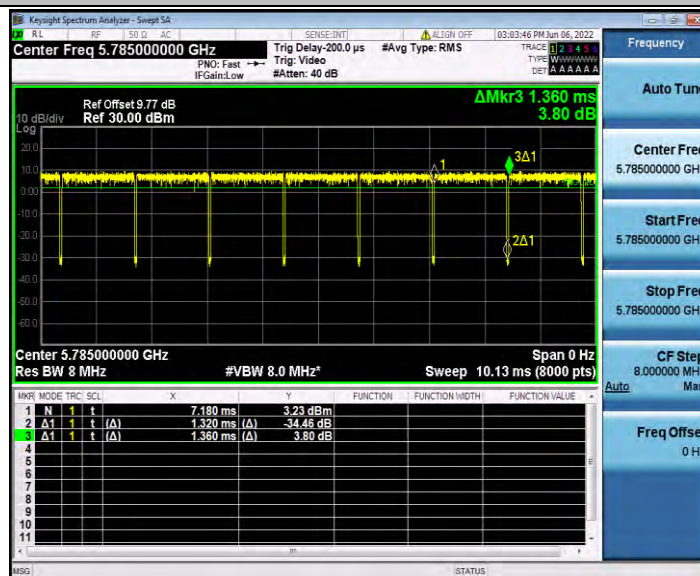
11N40SISO_Ant1_5795



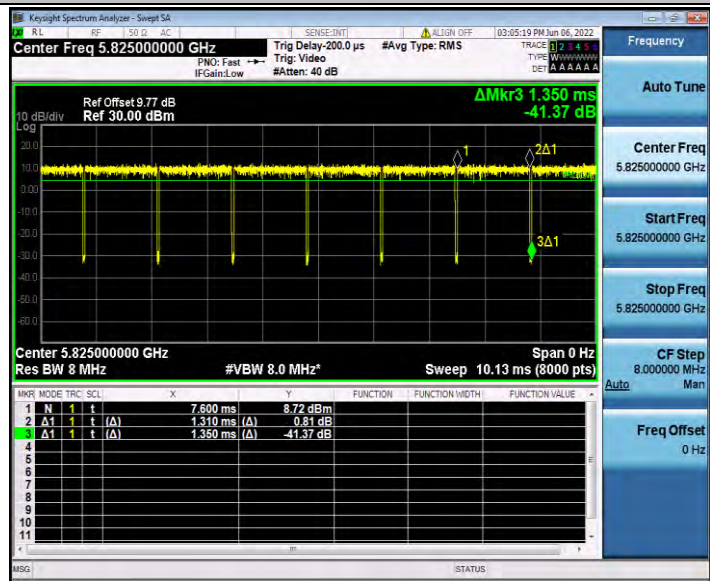
11AC20SISO_Ant1_5745



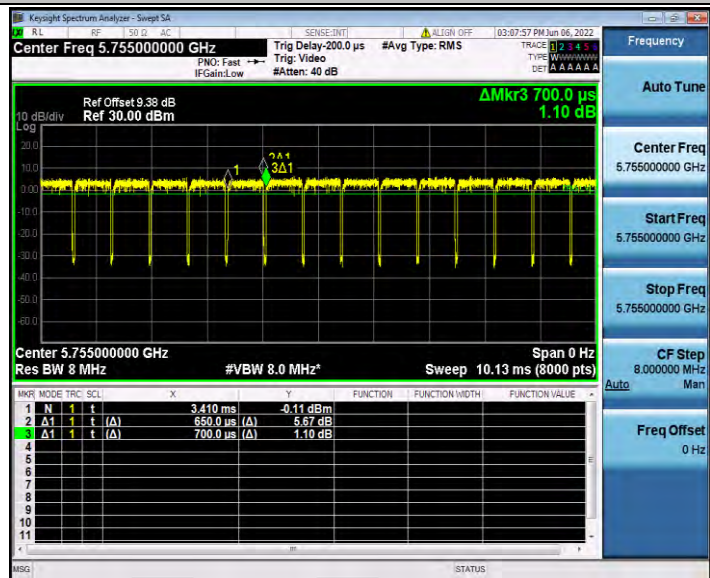
11AC20SISO_Ant1_5785



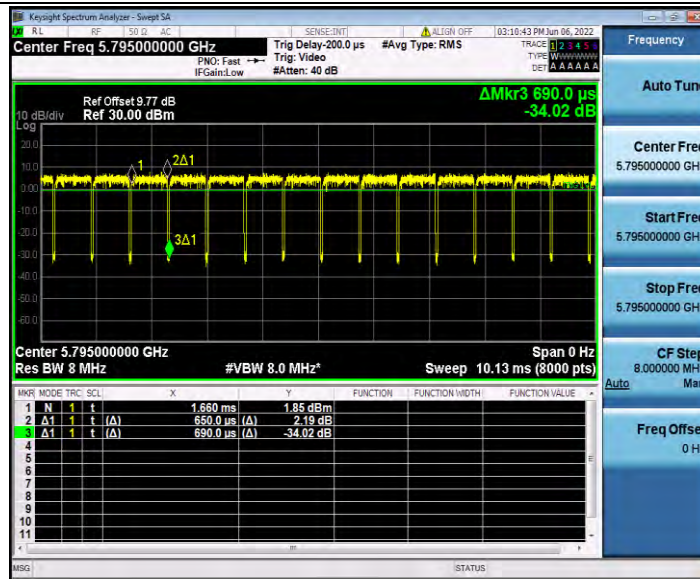
11AC20SISO_Ant1_5825



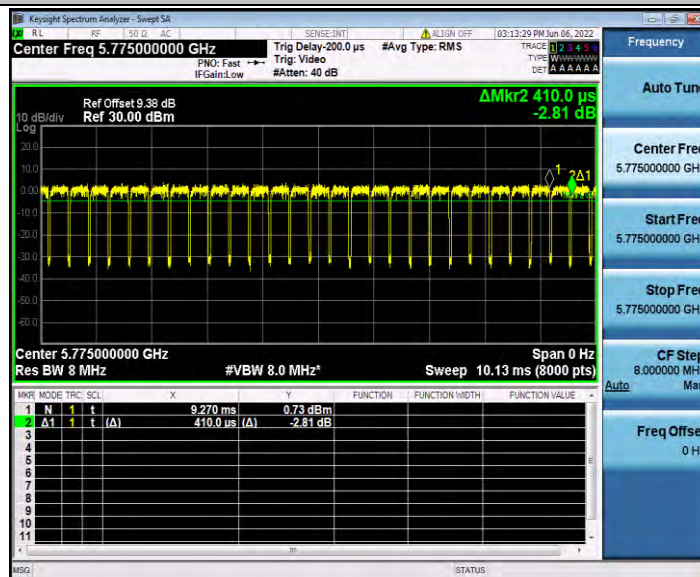
11AC40SISO_Ant1_5755



11AC40SISO_Ant1_5795



11AC80SISO_Ant1_5775



Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5745	1.98	≤30.00	PASS
		5785	3.55	≤30.00	PASS
		5825	5.82	≤30.00	PASS
11N20SISO	Ant1	5745	2.05	≤30.00	PASS
		5785	3.38	≤30.00	PASS
		5825	5.66	≤30.00	PASS
11N40SISO	Ant1	5755	-0.73	≤30.00	PASS
		5795	1.42	≤30.00	PASS
11AC20SISO	Ant1	5745	1.51	≤30.00	PASS
		5785	3.32	≤30.00	PASS
		5825	5.76	≤30.00	PASS
11AC40SISO	Ant1	5755	-0.27	≤30.00	PASS
		5795	0.13	≤30.00	PASS
11AC80SISO	Ant1	5775	-2.60	≤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



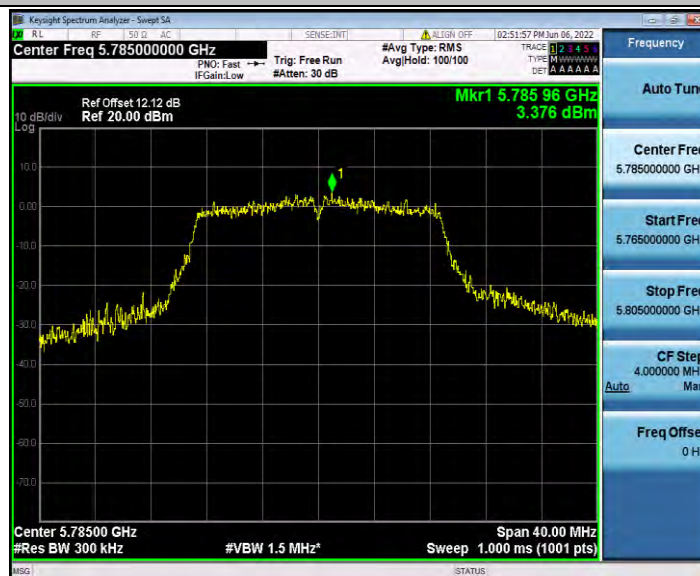
11A_Ant1_5825



11N20SISO_Ant1_5745



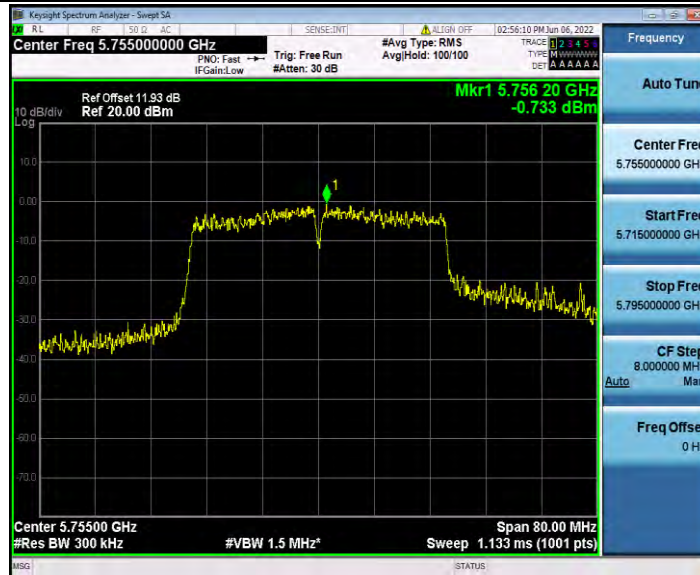
11N20SISO_Ant1_5785



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 C.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	-36.45	≤8.36	PASS
				5700~5720	-26.27	≤14.82	PASS
				5720~5725	-21.22	≤22.11	PASS
				5760~5650	-40.33	≤-27	PASS
		High	5825	5850~5855	-27.88	≤16.72	PASS
				5855~5875	-30.27	≤10.66	PASS
				5875~5925	-37.68	≤-23.16	PASS
				5925~5935	-38.72	≤-27	PASS
11N20SI SO	Ant1	Low	5745	5650~5700	-34.57	≤9.98	PASS
				5700~5720	-26.65	≤15.27	PASS
				5720~5725	-26.86	≤24.73	PASS
				5760~5650	-40.42	≤-27	PASS
		High	5825	5850~5855	-29.91	≤15.79	PASS
				5855~5875	-28.97	≤10.93	PASS
				5875~5925	-37.87	≤-26.66	PASS
				5925~5935	-37.58	≤-27	PASS
11N40SI SO	Ant1	Low	5755	5650~5700	-31.62	≤8.26	PASS
				5700~5720	-25.81	≤14.94	PASS
				5720~5725	-27.26	≤17.28	PASS
				5780~5650	-38.84	≤-27	PASS
		High	5795	5850~5855	-29.66	≤26.94	PASS
				5855~5875	-30.49	≤10.78	PASS
				5875~5925	-35.74	≤-20.21	PASS
				5925~5935	-39.09	≤-27	PASS
11AC20S ISO	Ant1	Low	5745	5650~5700	-36.43	≤8.19	PASS
				5700~5720	-26.73	≤14.40	PASS
				5720~5725	-26.14	≤25.78	PASS
				5760~5650	-40.03	≤-27	PASS
		High	5825	5850~5855	-29.08	≤15.79	PASS
				5855~5875	-30.7	≤10.55	PASS
				5875~5925	-37.47	≤-26.66	PASS
				5925~5935	-38.53	≤-27	PASS
11AC40S ISO	Ant1	Low	5755	5650~5700	-33.91	≤9.36	PASS
				5700~5720	-28.71	≤14.41	PASS
				5720~5725	-25.9	≤22.51	PASS
				5780~5650	-38.55	≤-27	PASS

		High	5795	5850~5855	-29.85	≤ 18.67	PASS
				5855~5875	-31.68	≤ 13.18	PASS
				5875~5925	-35.47	≤ -26.92	PASS
				5925~5935	-39.06	≤ -27	PASS
11AC80S ISO	Ant1	Low	5775	5650~5700	-32.22	≤ 9.10	PASS
				5700~5720	-30.01	≤ 14.74	PASS
				5720~5725	-30.28	≤ 18.12	PASS
				5800~5650	-35.56	≤ -27	PASS
		High	5775	5850~5855	-20	≤ 19.17	PASS
				5855~5875	-22.64	≤ 10.44	PASS
				5875~5925	-26.76	≤ -26.54	PASS
				5925~5935	-35.05	≤ -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



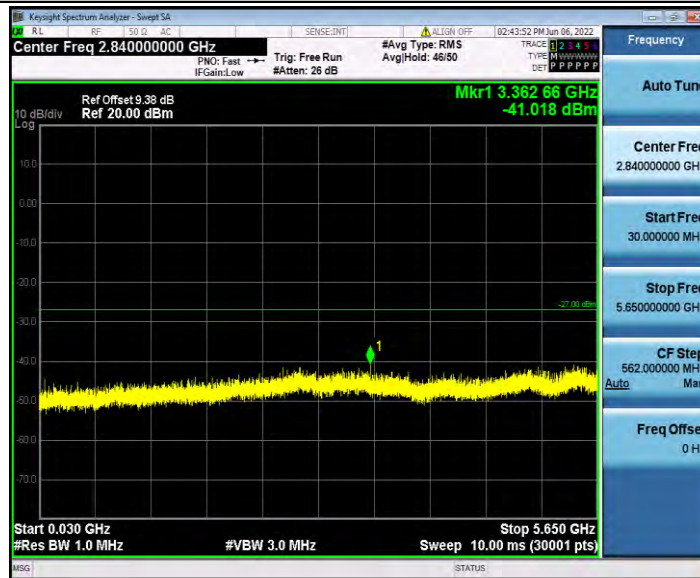
Appendix C.6: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	Max. Fre [MHz]	Max. Level [dBm]	Limit [dBm]	Verdict
11A	Ant1	5745	30~5650	3362.66	-41.02	≤-27	PASS
			5925~40000	26573.58	-32.21	≤-27	PASS
		5785	30~5650	5463.04	-40.27	≤-27	PASS
			5925~40000	26792.06	-32.52	≤-27	PASS
		5825	30~5650	5431.38	-40.88	≤-27	PASS
			5925~40000	24283.43	-31.76	≤-27	PASS
11N20SISO	Ant1	5745	30~5650	5388.86	-40.22	≤-27	PASS
			5925~40000	24788.53	-32.99	≤-27	PASS
		5785	30~5650	2669.71	-40.73	≤-27	PASS
			5925~40000	23502.96	-31.87	≤-27	PASS
		5825	30~5650	2624.57	-39.45	≤-27	PASS
			5925~40000	25909.02	-31.48	≤-27	PASS
11N40SISO	Ant1	5755	30~5650	5265.59	-41.08	≤-27	PASS
			5925~40000	25187.55	-32.16	≤-27	PASS
		5795	30~5650	3254.01	-40.26	≤-27	PASS
			5925~40000	25983.48	-32.61	≤-27	PASS
11AC20SISO	Ant1	5745	30~5650	4995.64	-40.23	≤-27	PASS
			5925~40000	23578.12	-32.04	≤-27	PASS
		5785	30~5650	3294.47	-40.64	≤-27	PASS
			5925~40000	24820.14	-32.14	≤-27	PASS
		5825	30~5650	5315.98	-40.87	≤-27	PASS
			5925~40000	23594.98	-32.49	≤-27	PASS
11AC40SISO	Ant1	5755	30~5650	4952.56	-40.24	≤-27	PASS
			5925~40000	24271.49	-33.09	≤-27	PASS
		5795	30~5650	4953.31	-39.58	≤-27	PASS
			5925~40000	25019.65	-32.1	≤-27	PASS
11AC80SISO	Ant1	5775	30~5650	5649.06	-38.34	≤-27	PASS
			5925~40000	24183.68	-32.29	≤-27	PASS

Test Graphs

11A_Ant1_5745_30~5650



11A_Ant1_5745_5925~40000



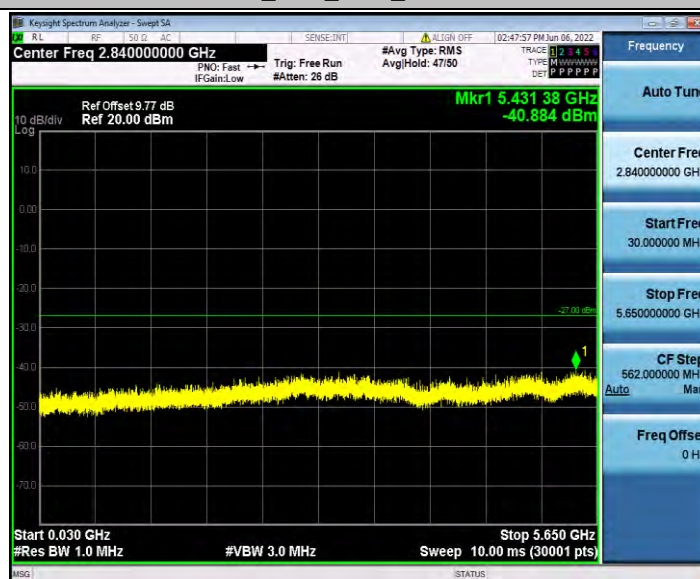
11A_Ant1_5785_30~5650



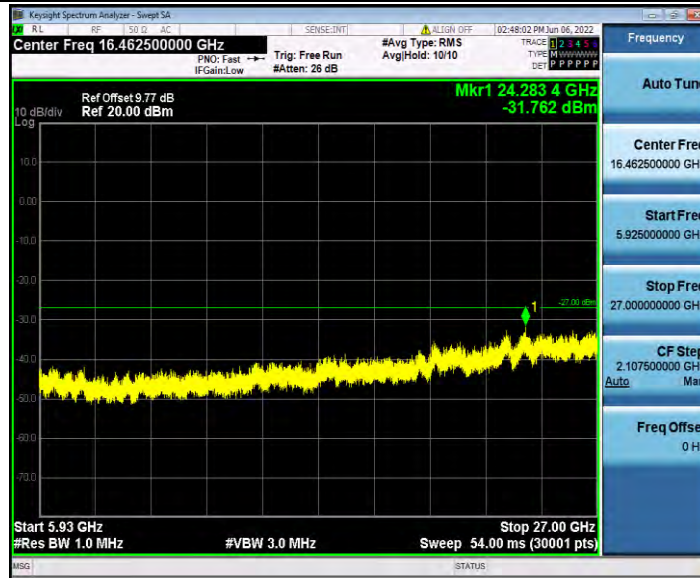
11A_Ant1_5785_5925~40000



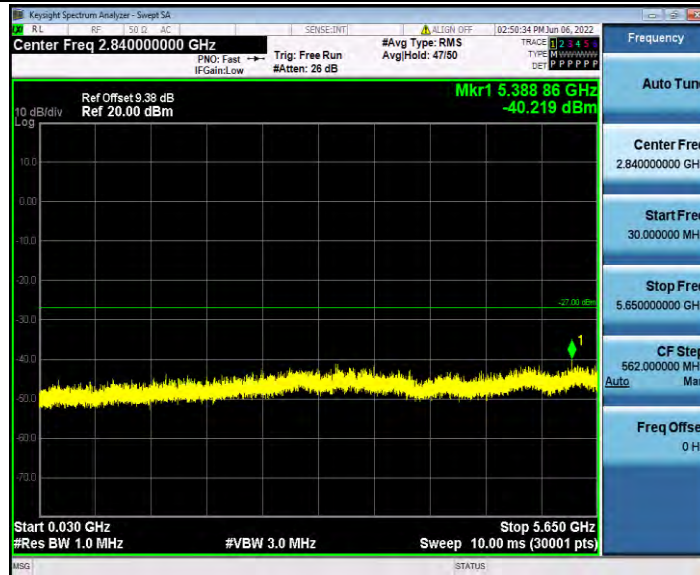
11A_Ant1_5825_30~5650



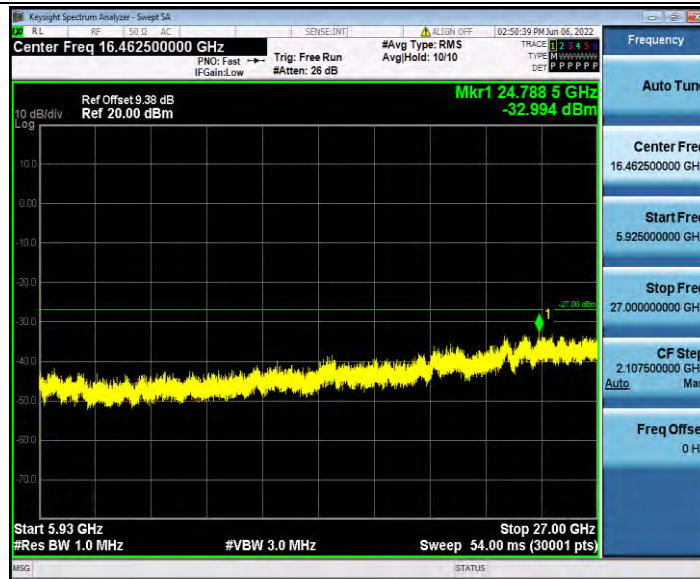
11A_Ant1_5825_5925~40000



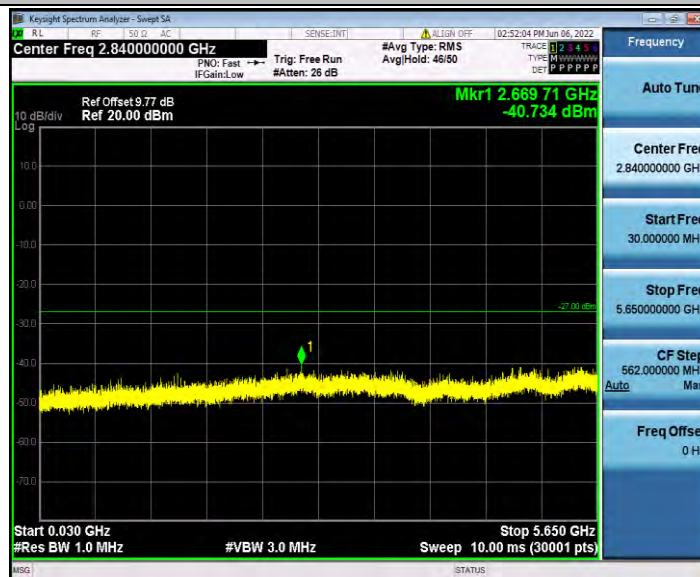
11N20SISO_Ant1_5745_30~5650



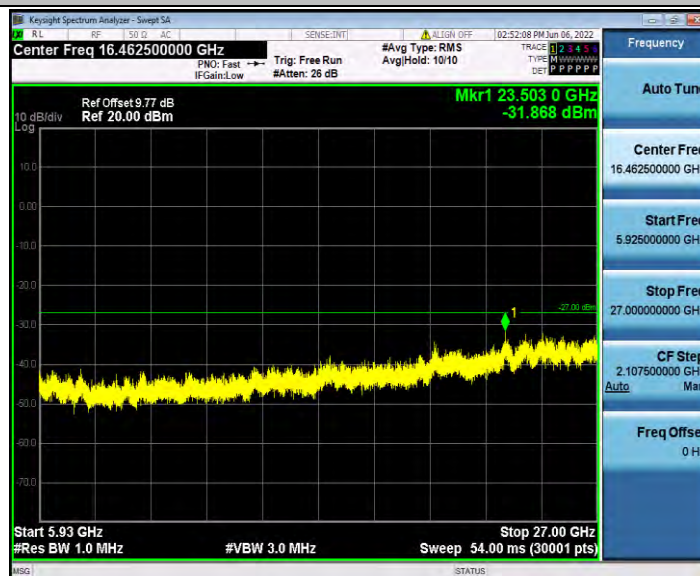
11N20SISO_Ant1_5745_5925~40000



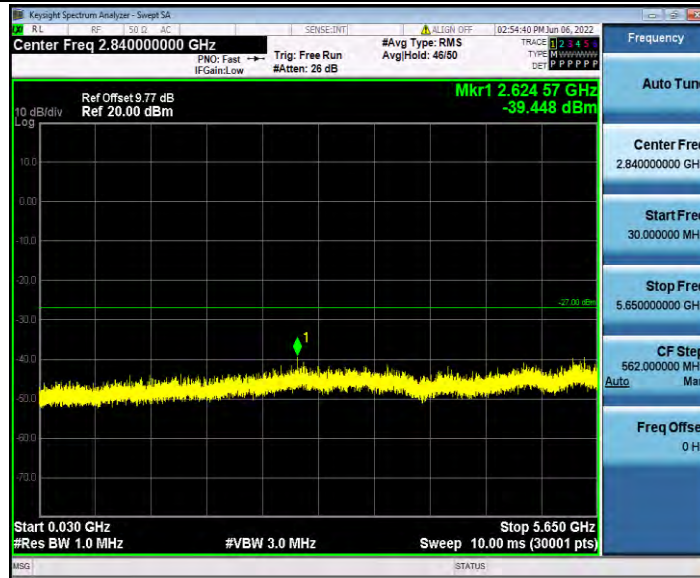
11N20SISO_Ant1_5785_30~5650



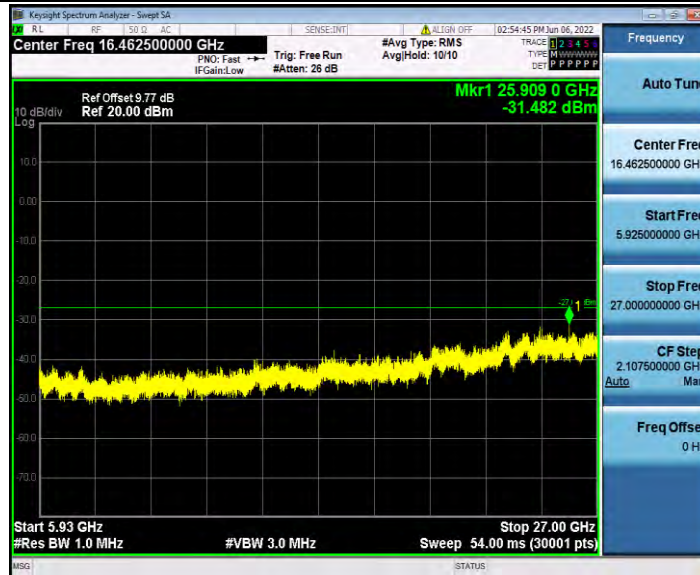
11N20SISO_Ant1_5785_5925~40000



11N20SISO_Ant1_5825_30~5650



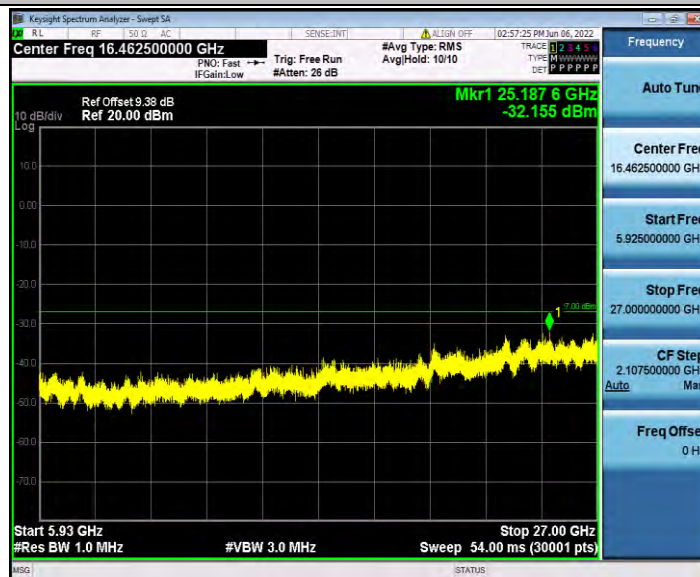
11N20SISO_Ant1_5825_5925~40000



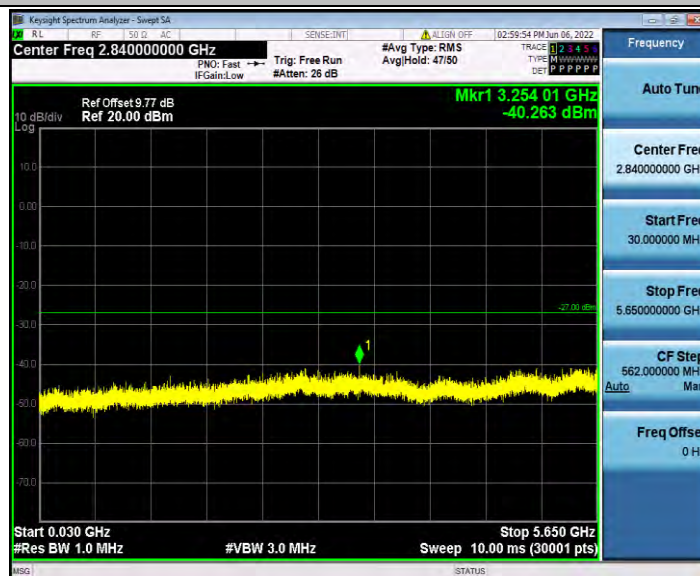
11N40SISO_Ant1_5755_30~5650



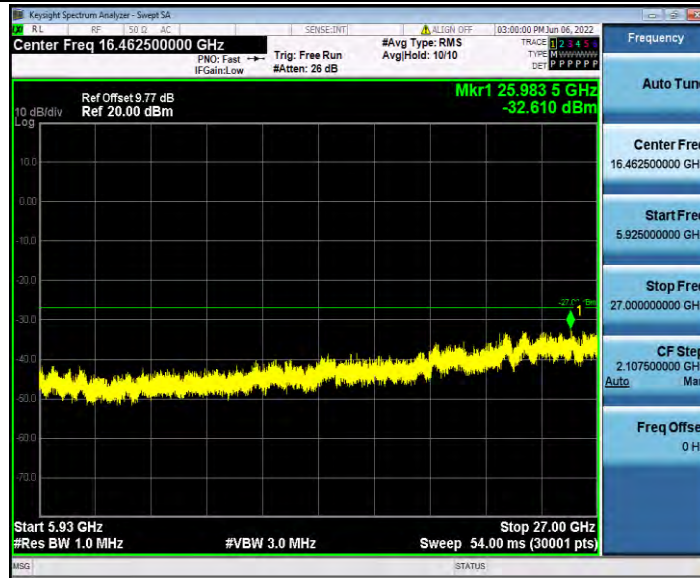
11N40SISO_Ant1_5755_5925~40000



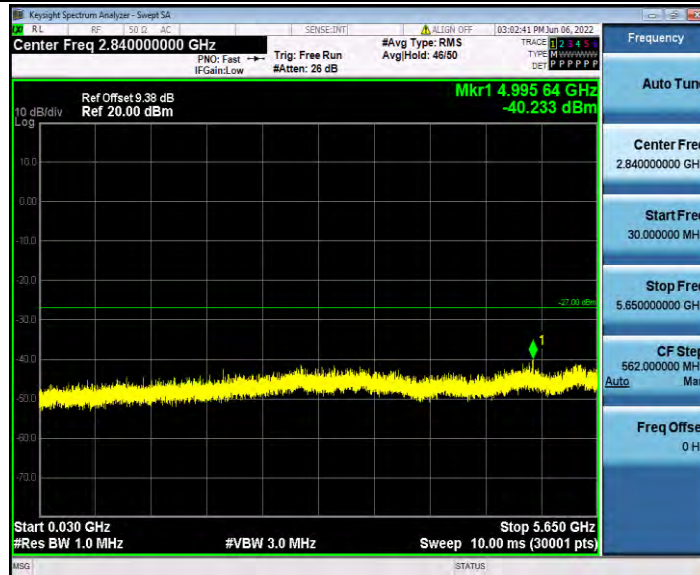
11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



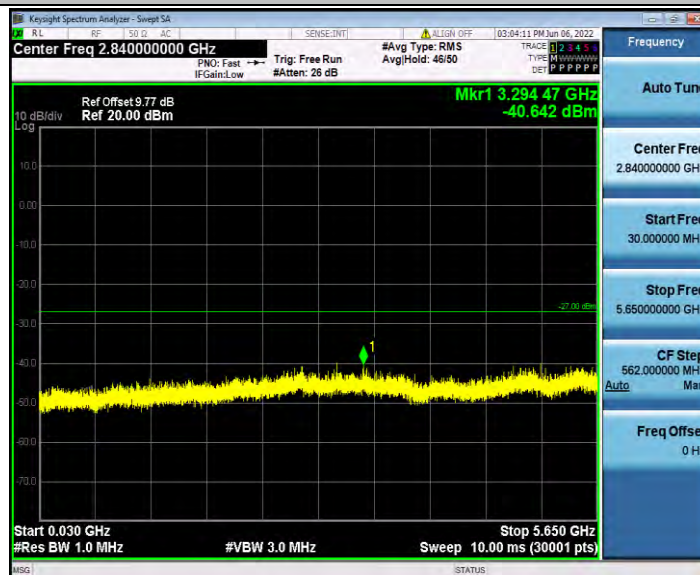
11AC20SISO_Ant1_5745_30~5650



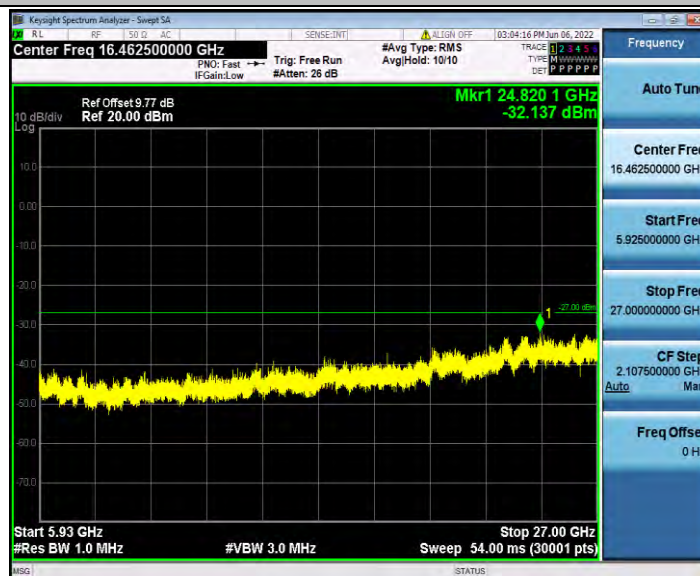
11AC20SISO_Ant1_5745_5925~40000



11AC20SISO_Ant1_5785_30~5650



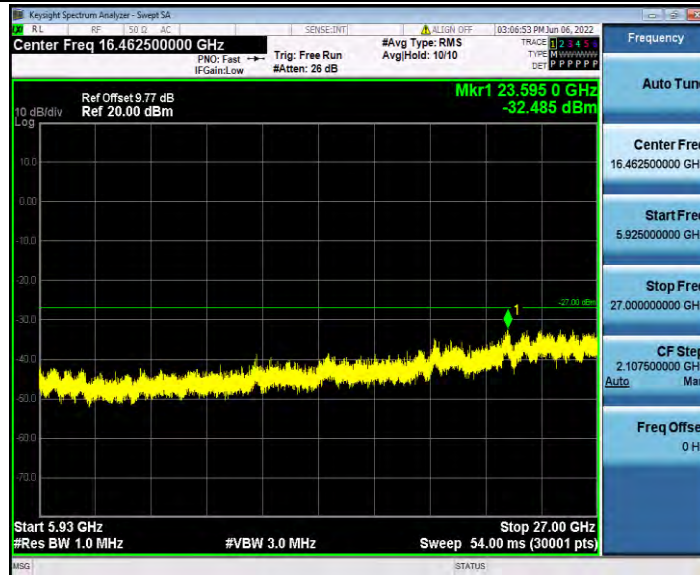
11AC20SISO_Ant1_5785_5925~40000



11AC20SISO_Ant1_5825_30~5650



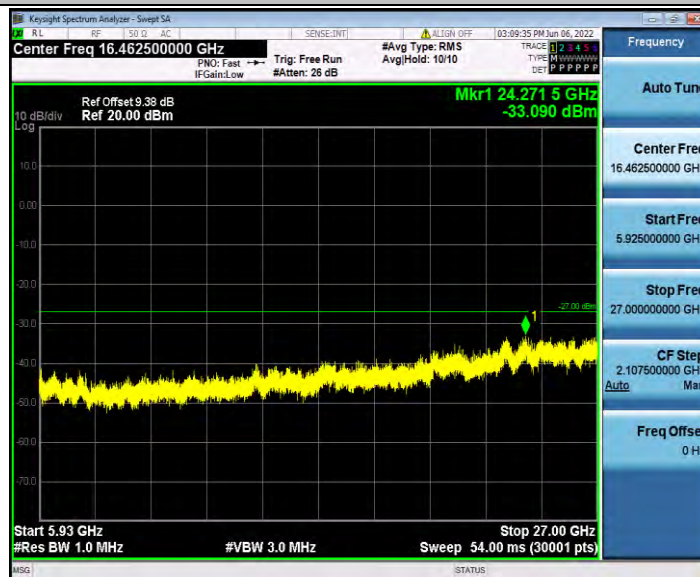
11AC20SISO_Ant1_5825_5925~40000



11AC40SISO_Ant1_5755_30~5650



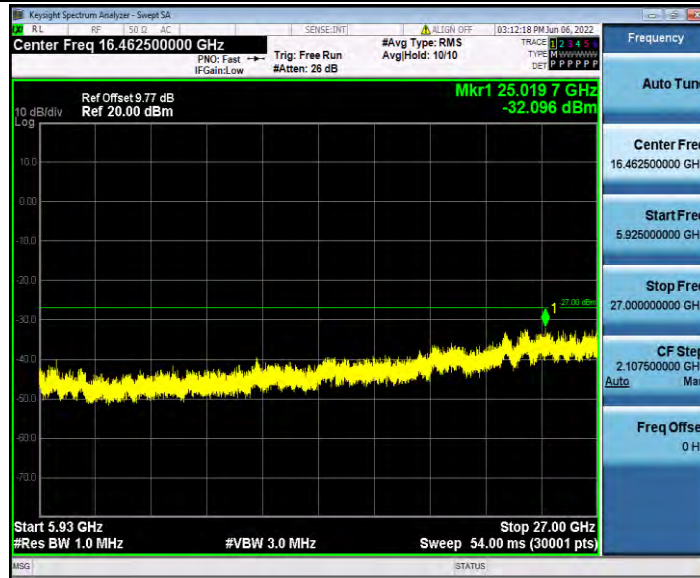
11AC40SISO_Ant1_5755_5925~40000



11AC40SISO_Ant1_5795_30~5650



11AC40SISO_Ant1_5795_5925~40000



11AC80SISO_Ant1_5775_30~5650



11AC80SISO_Ant1_5775_5925~40000

