

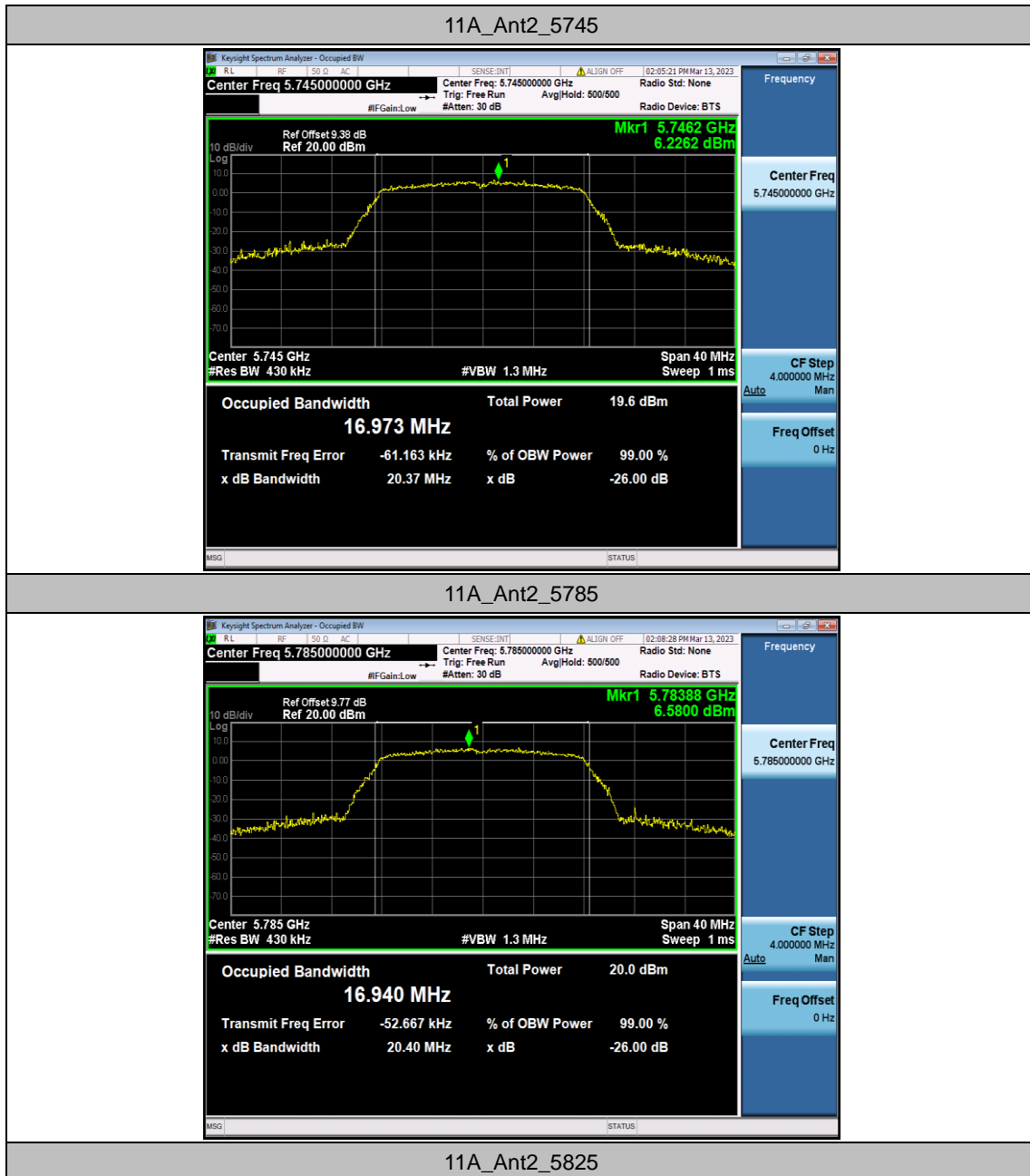
Case No. : <u>GTS20221227001-1-2</u>
Ambient Condition: <u>22</u> °C, <u>50</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.3.13</u> Test Engineer: <u>Jenny zeng</u>

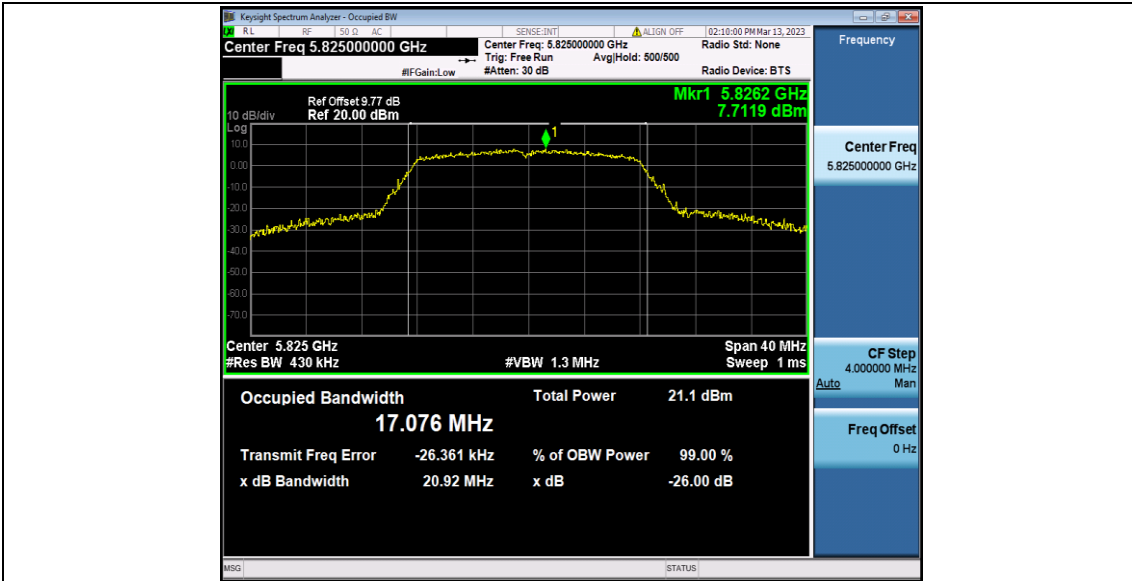
Appendix C.1: Occupied channel bandwidth

Test Result

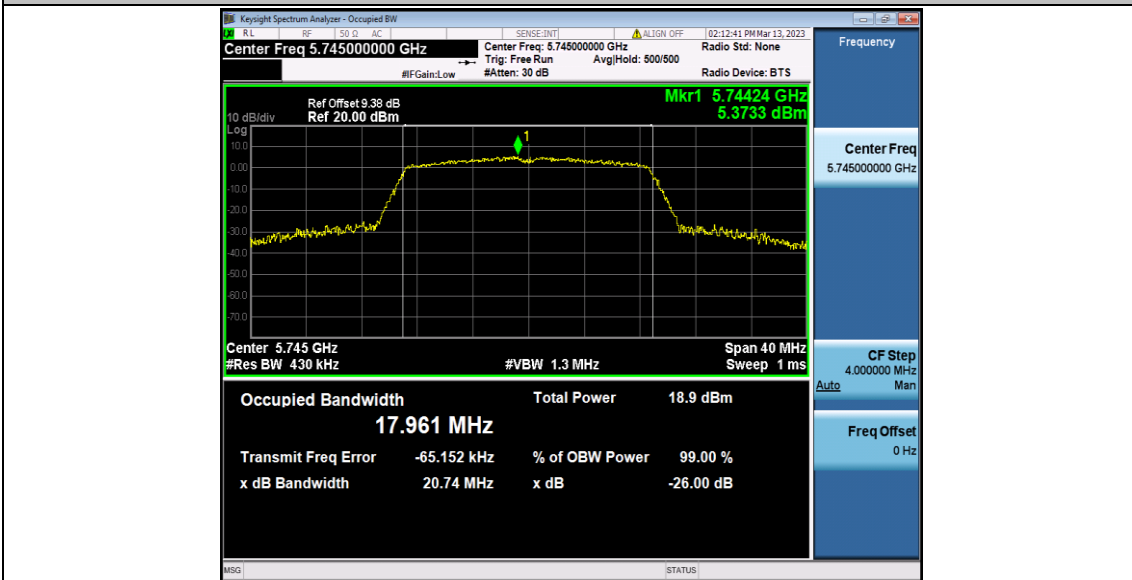
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	16.973	5736.452	5753.425	---	---
		5785	16.940	5776.477	5793.417	---	---
		5825	17.076	5816.436	5833.512	---	---
11N20SISO	Ant2	5745	17.961	5735.954	5753.915	---	---
		5785	17.844	5776.014	5793.858	---	---
		5825	17.893	5816.032	5833.925	---	---
11N40SISO	Ant2	5755	36.474	5736.737	5773.211	---	---
		5795	36.441	5776.822	5813.263	---	---
11AC20SISO	Ant2	5745	17.735	5736.087	5753.822	---	---
		5785	17.770	5776.086	5793.856	---	---
		5825	17.674	5816.139	5833.813	---	---
11AC40SISO	Ant2	5755	36.183	5736.882	5773.065	---	---
		5795	36.219	5776.885	5813.104	---	---
11AC80SISO	Ant2	5775	75.366	5737.312	5812.678	---	---

Test Graphs

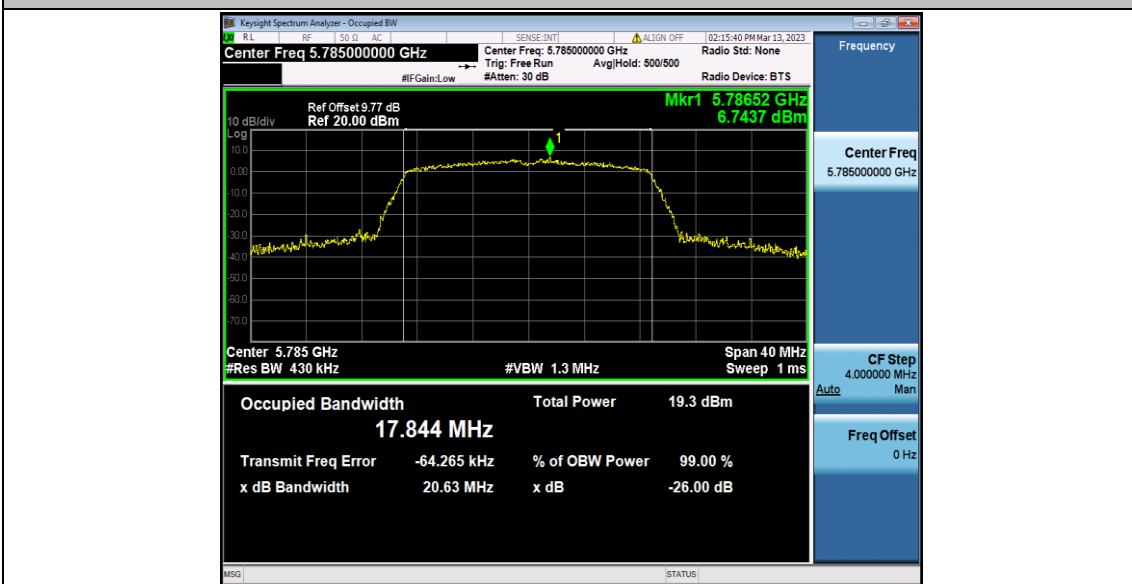




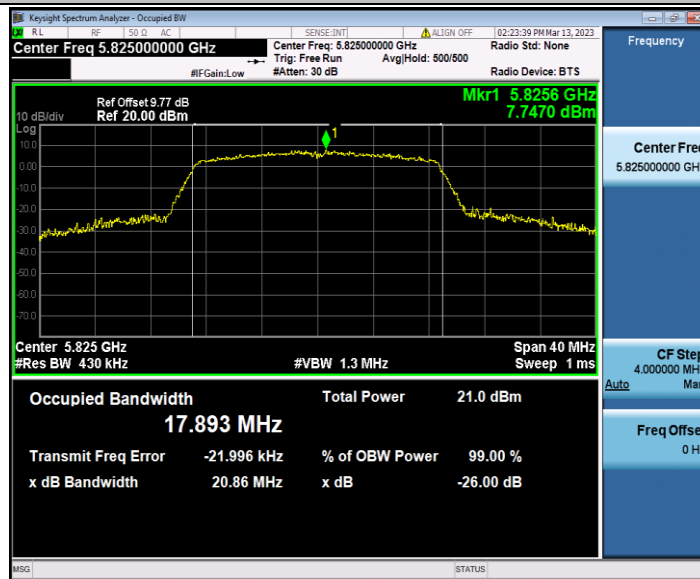
11N20SISO_Ant2_5745



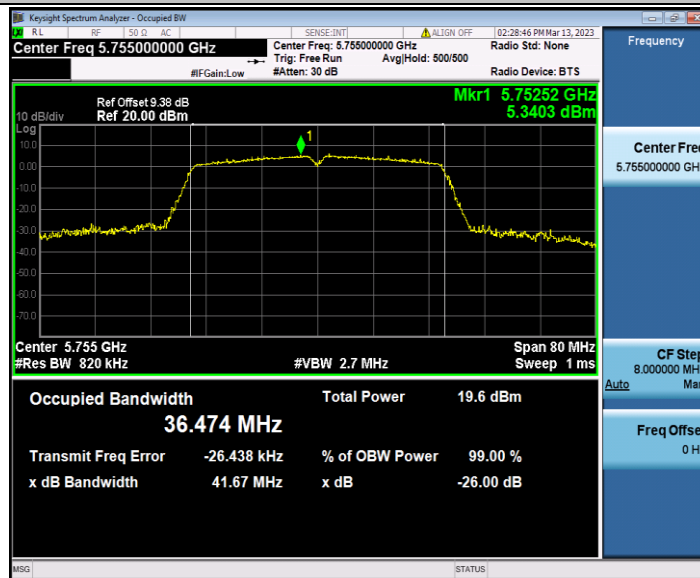
11N20SISO_Ant2_5785



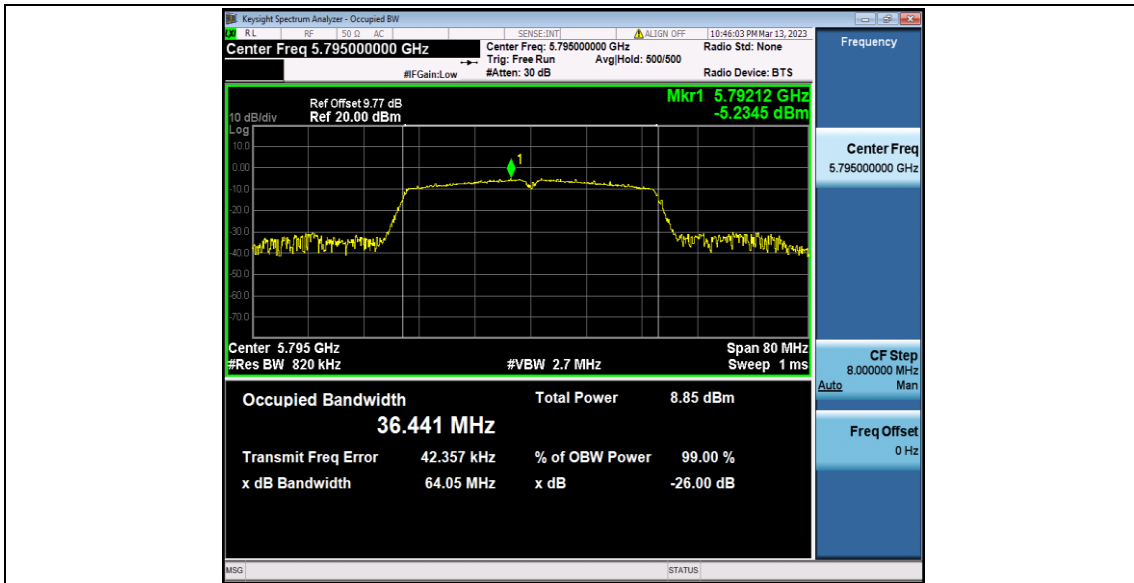
11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



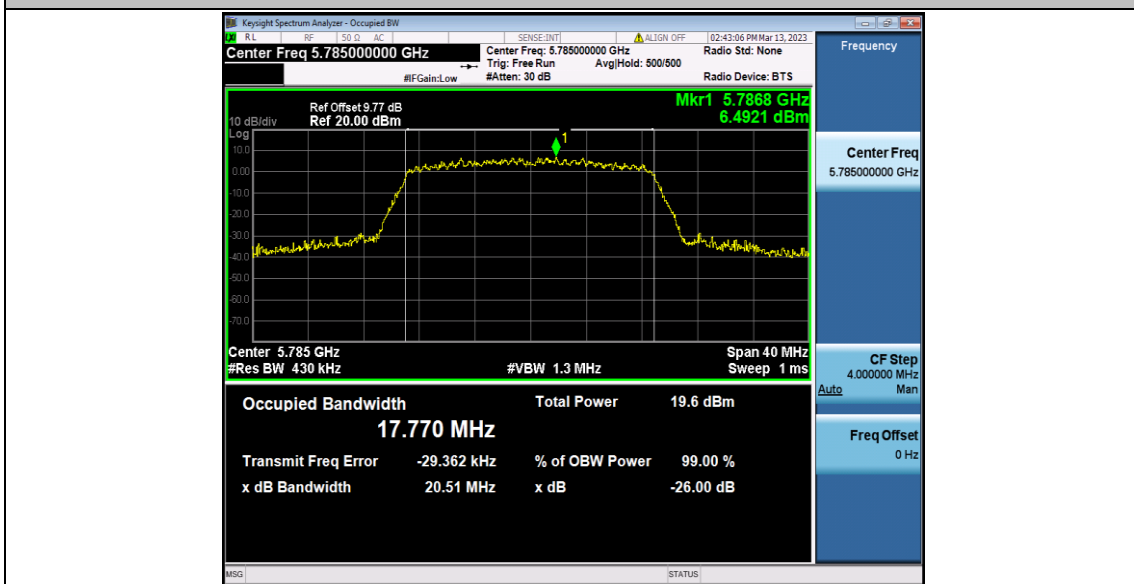
11N40SISO_Ant2_5795



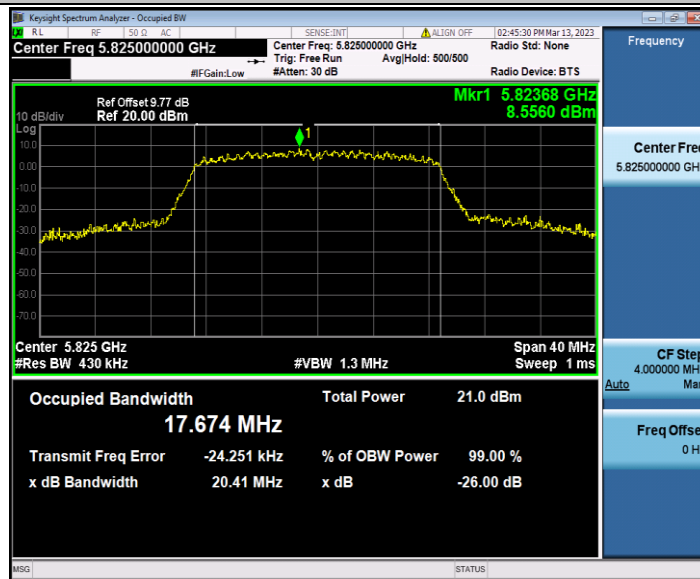
11AC20SISO_Ant2_5745



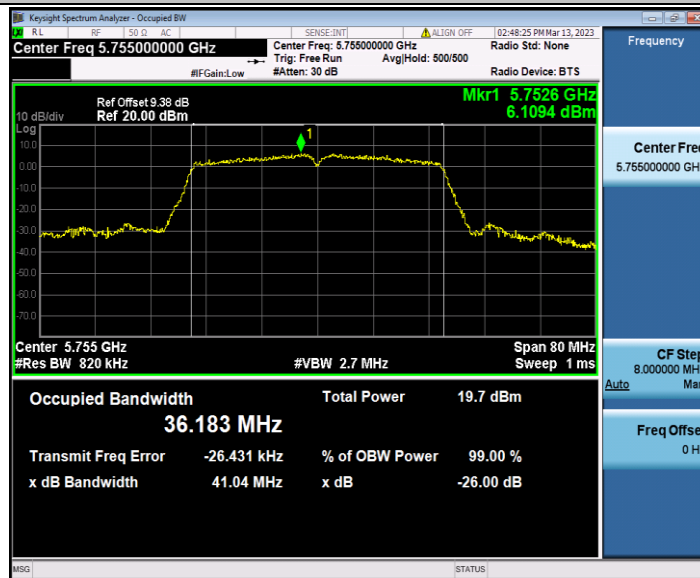
11AC20SISO_Ant2_5785



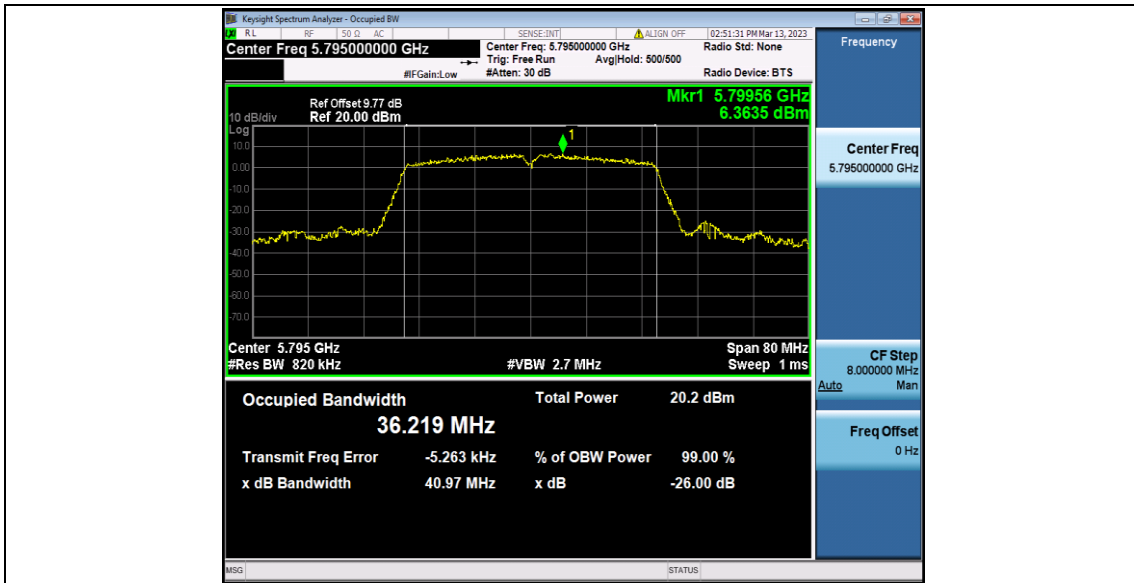
11AC20SISO_Ant2_5825



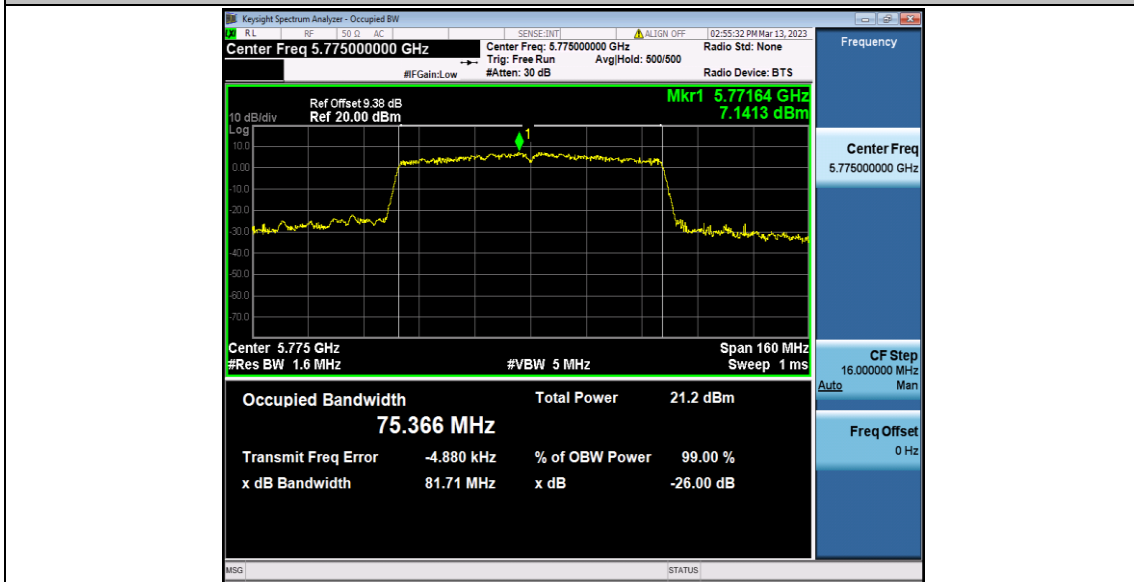
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775

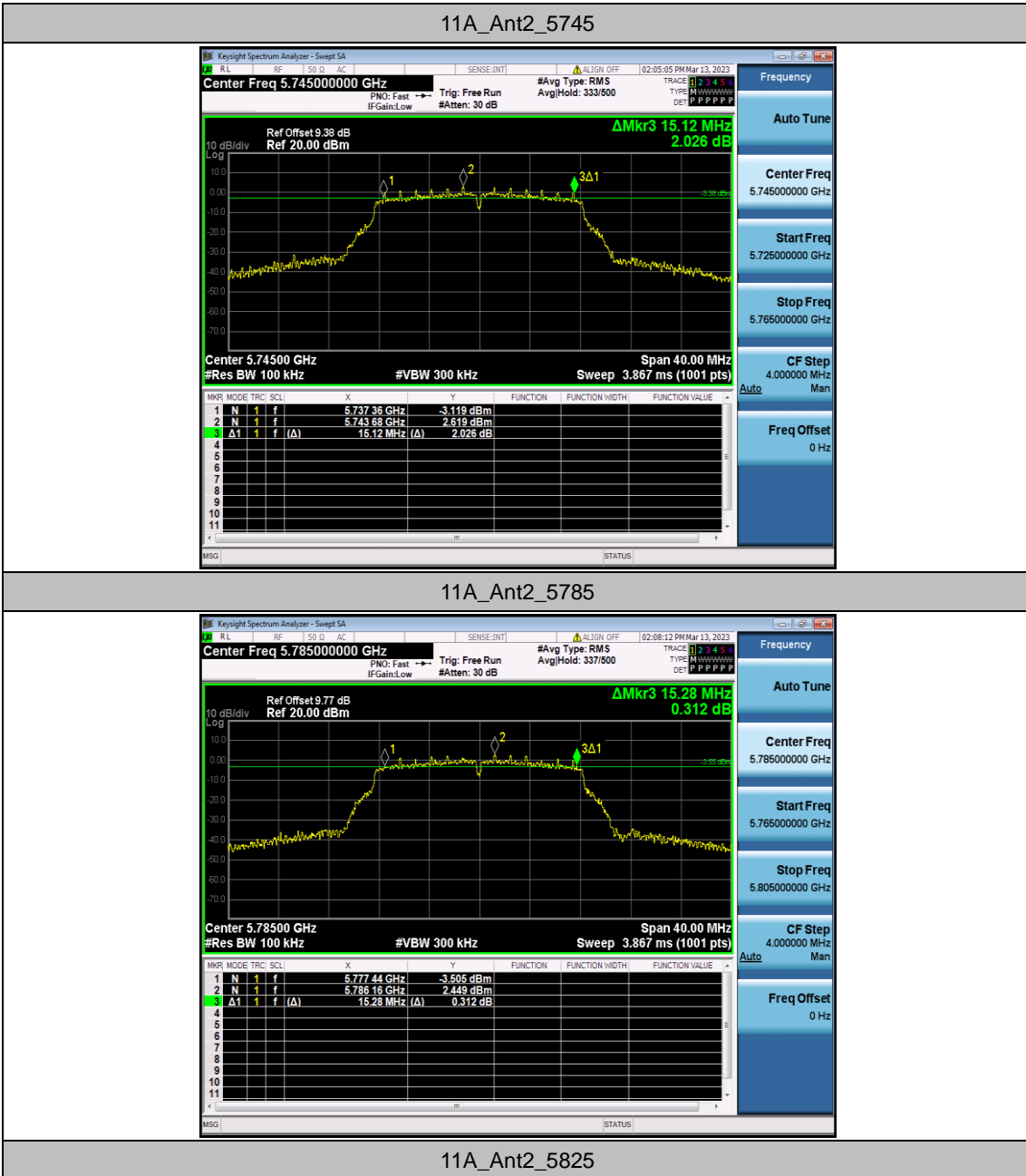


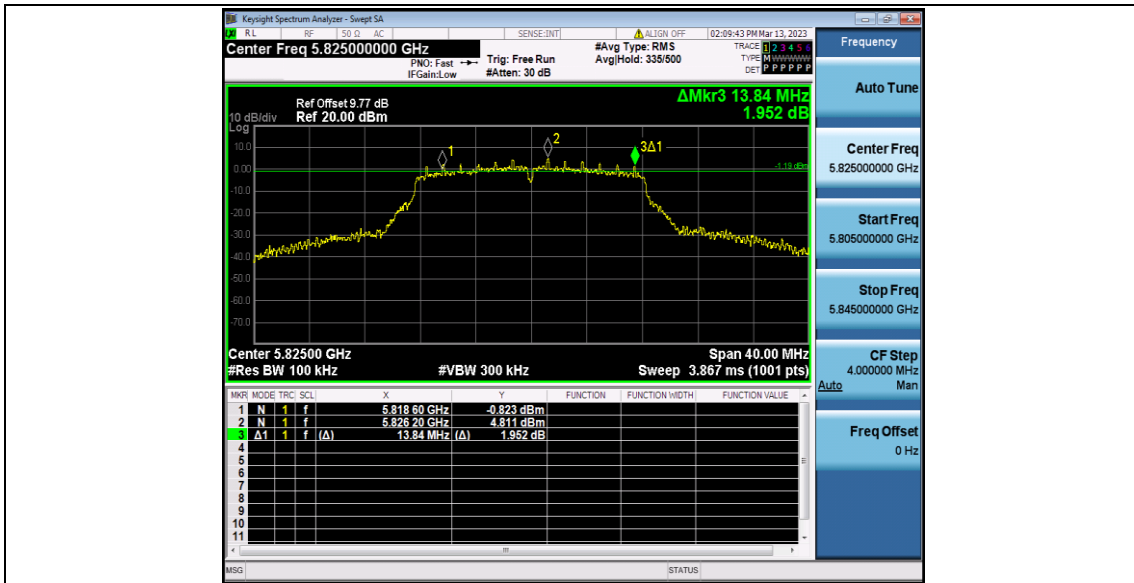
Appendix C.2: Min emission bandwidth

Test Result B4

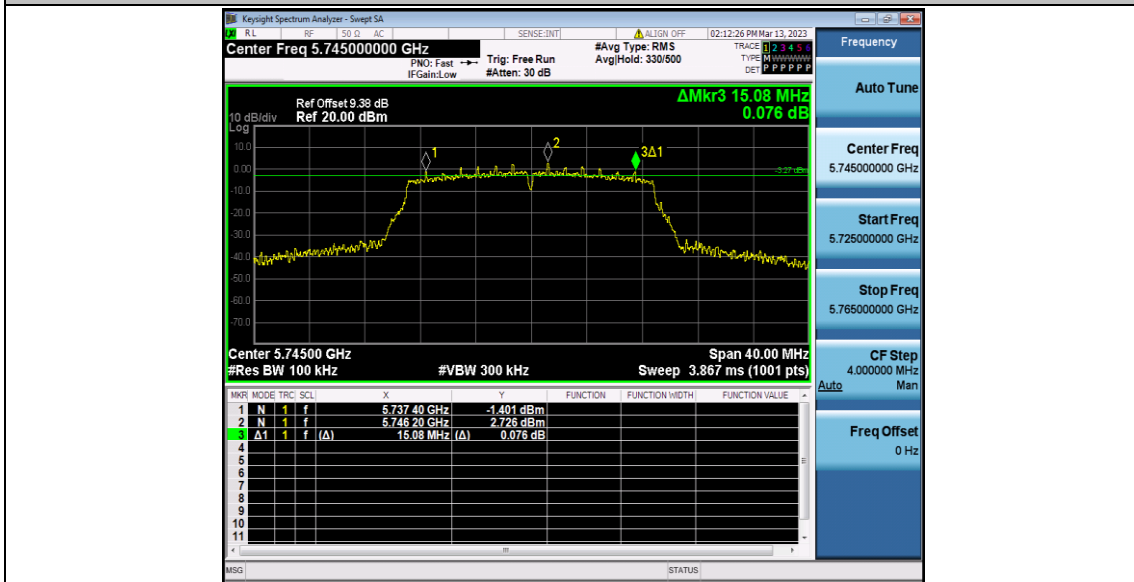
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	15.120	5737.360	5752.480	0.5	PASS
		5785	15.280	5777.440	5792.720	0.5	PASS
		5825	13.840	5818.600	5832.440	0.5	PASS
11N20SISO	Ant2	5745	15.080	5737.400	5752.480	0.5	PASS
		5785	15.080	5777.400	5792.480	0.5	PASS
		5825	15.120	5817.400	5832.520	0.5	PASS
11N40SISO	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC20SISO	Ant2	5745	15.120	5737.360	5752.480	0.5	PASS
		5785	15.080	5777.400	5792.480	0.5	PASS
		5825	15.080	5817.400	5832.480	0.5	PASS
11AC40SISO	Ant2	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.120	5777.400	5812.520	0.5	PASS
11AC80SISO	Ant2	5775	75.040	5737.400	5812.440	0.5	PASS

Test Graphs B4

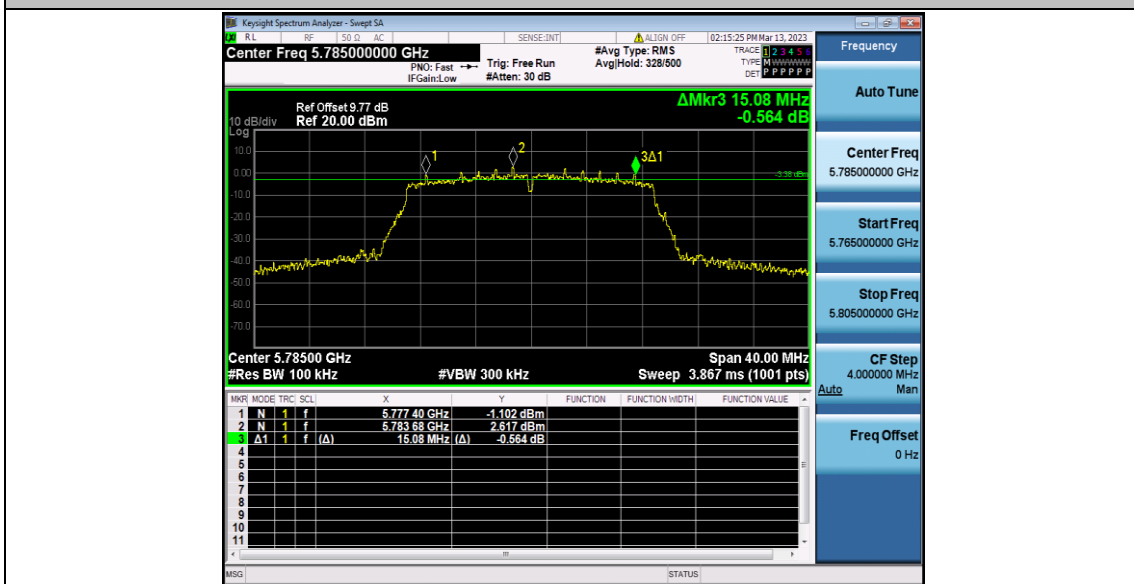




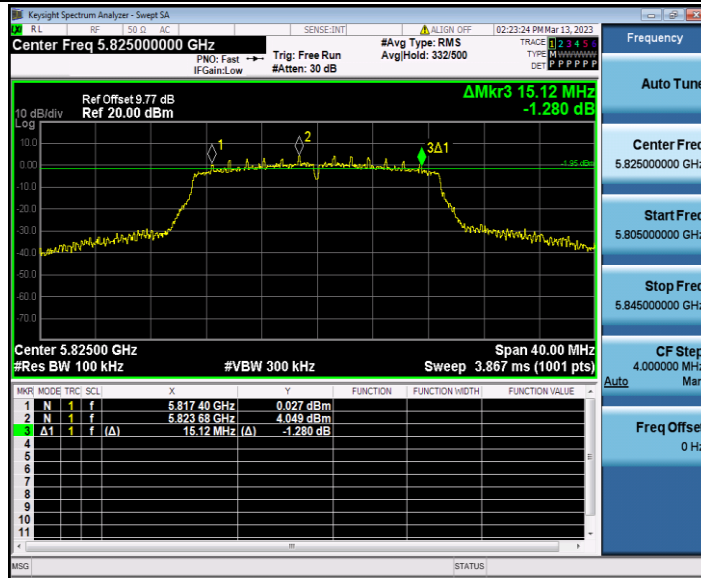
11N20SISO_Ant2_5745



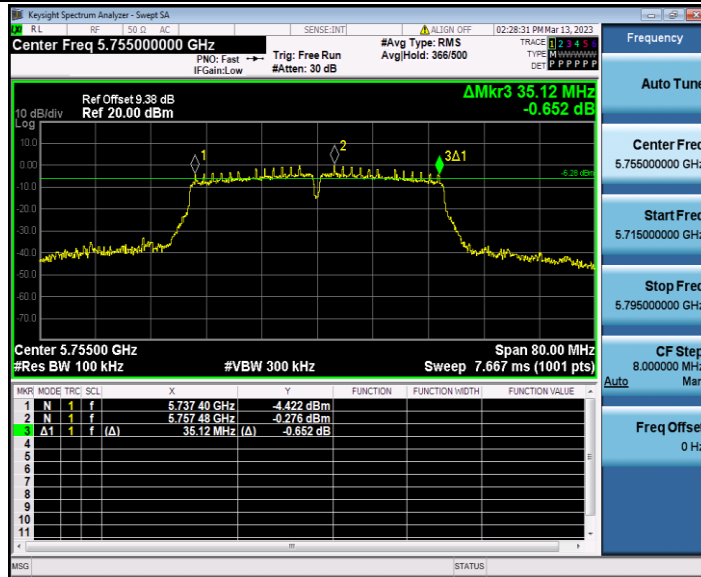
11N20SISO_Ant2_5785



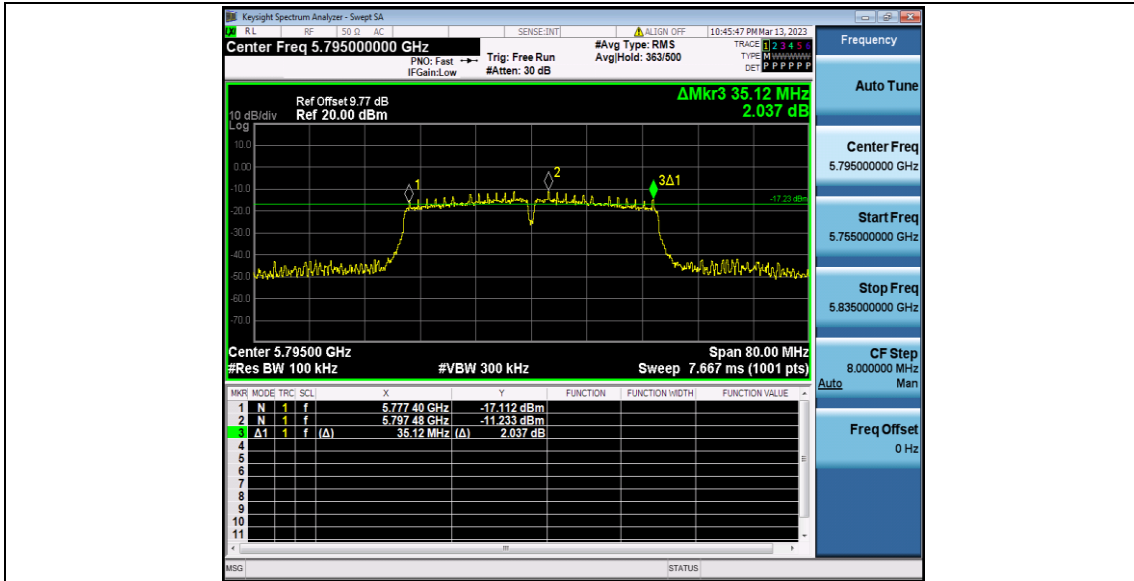
11N20SISO_Ant2_5825



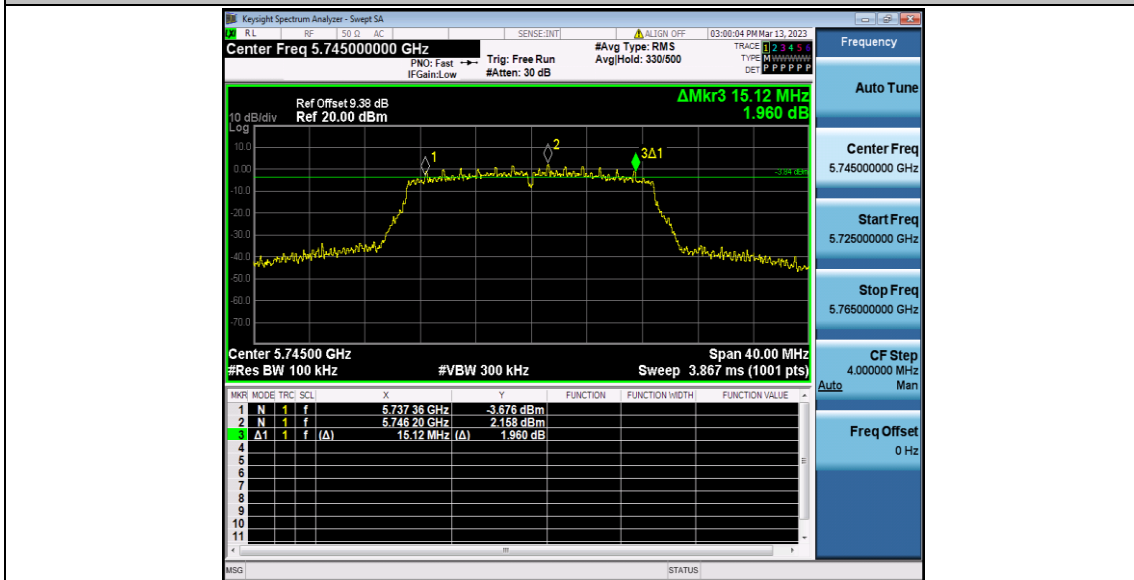
11N40SISO_Ant2_5755



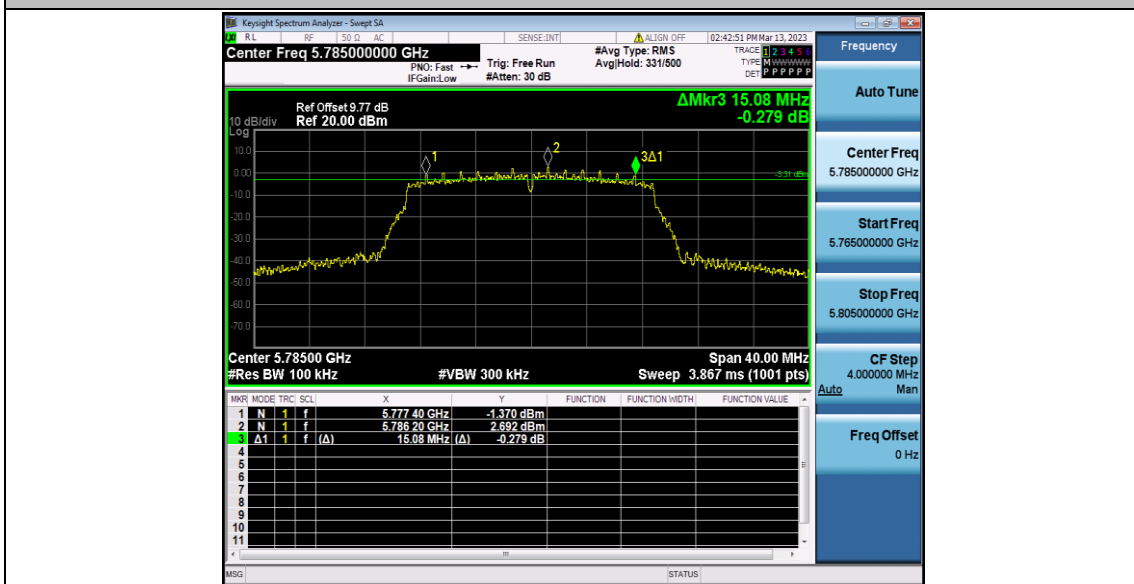
11N40SISO_Ant2_5795



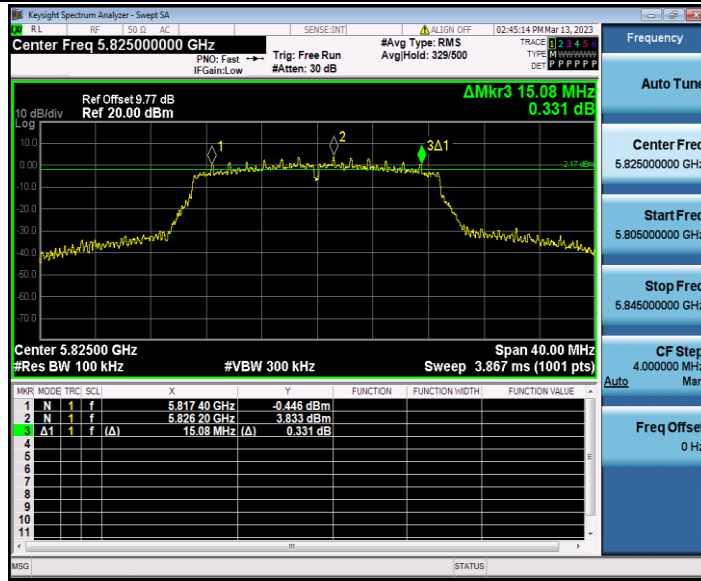
11AC20SISO_Ant2_5745



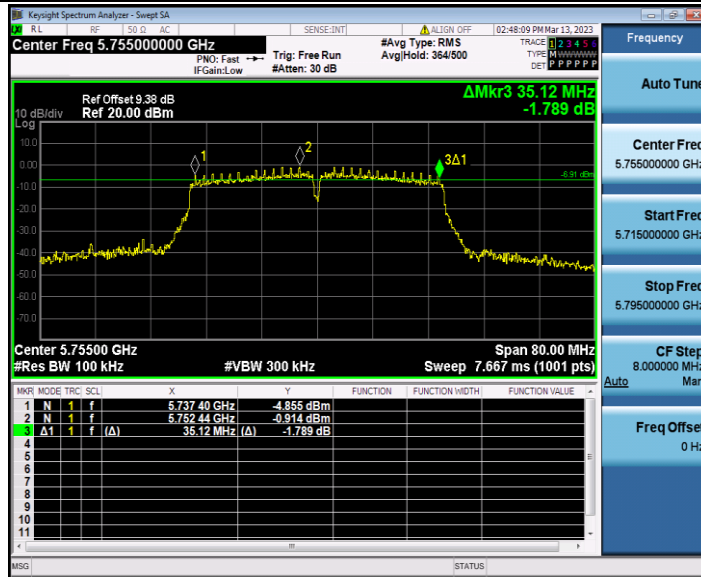
11AC20SISO_Ant2_5785



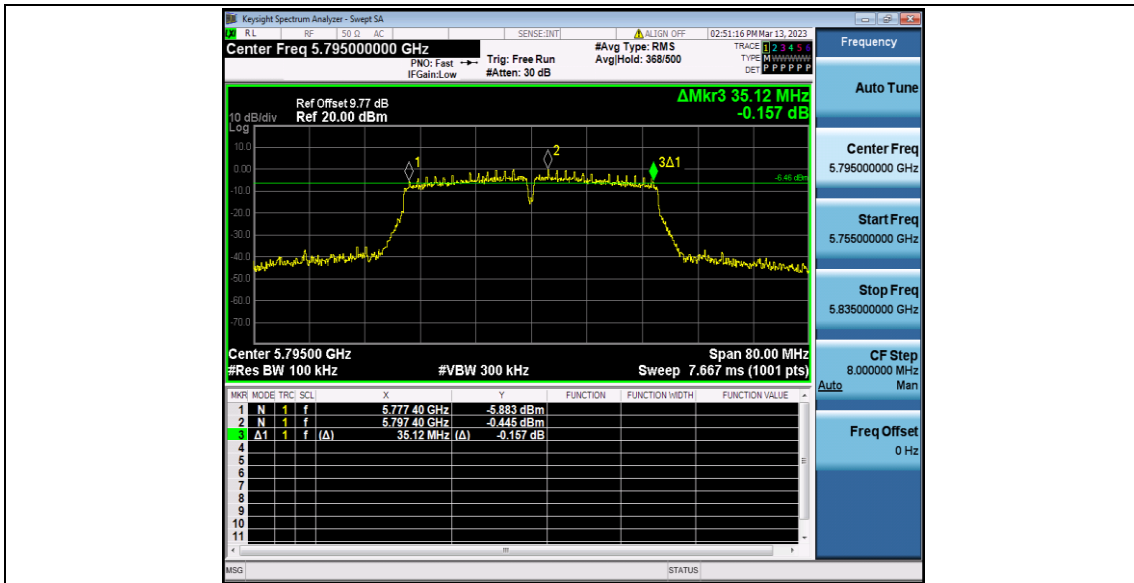
11AC20SISO_Ant2_5825



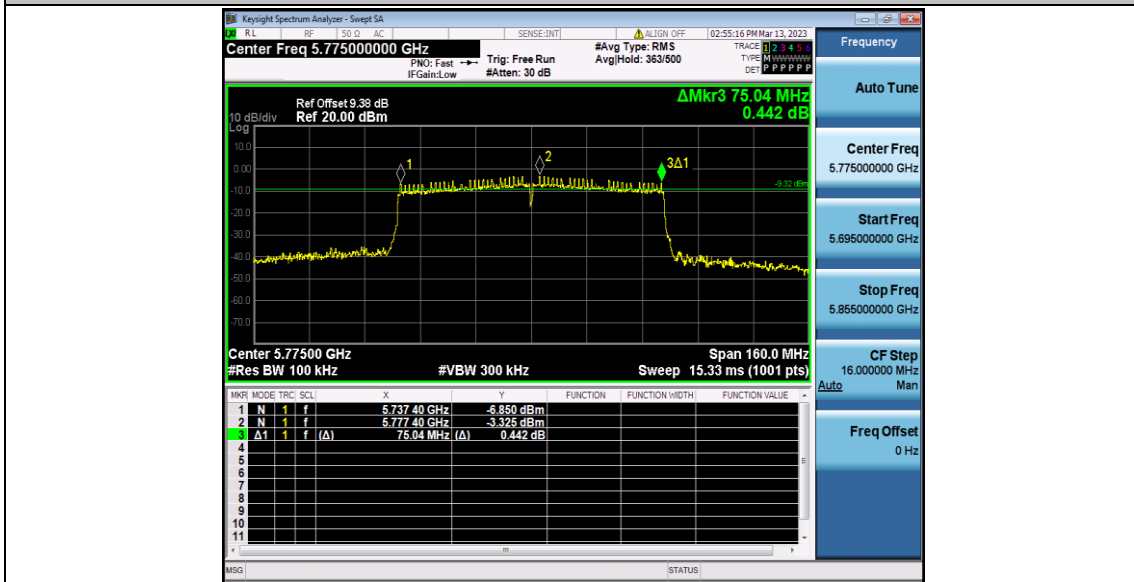
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775

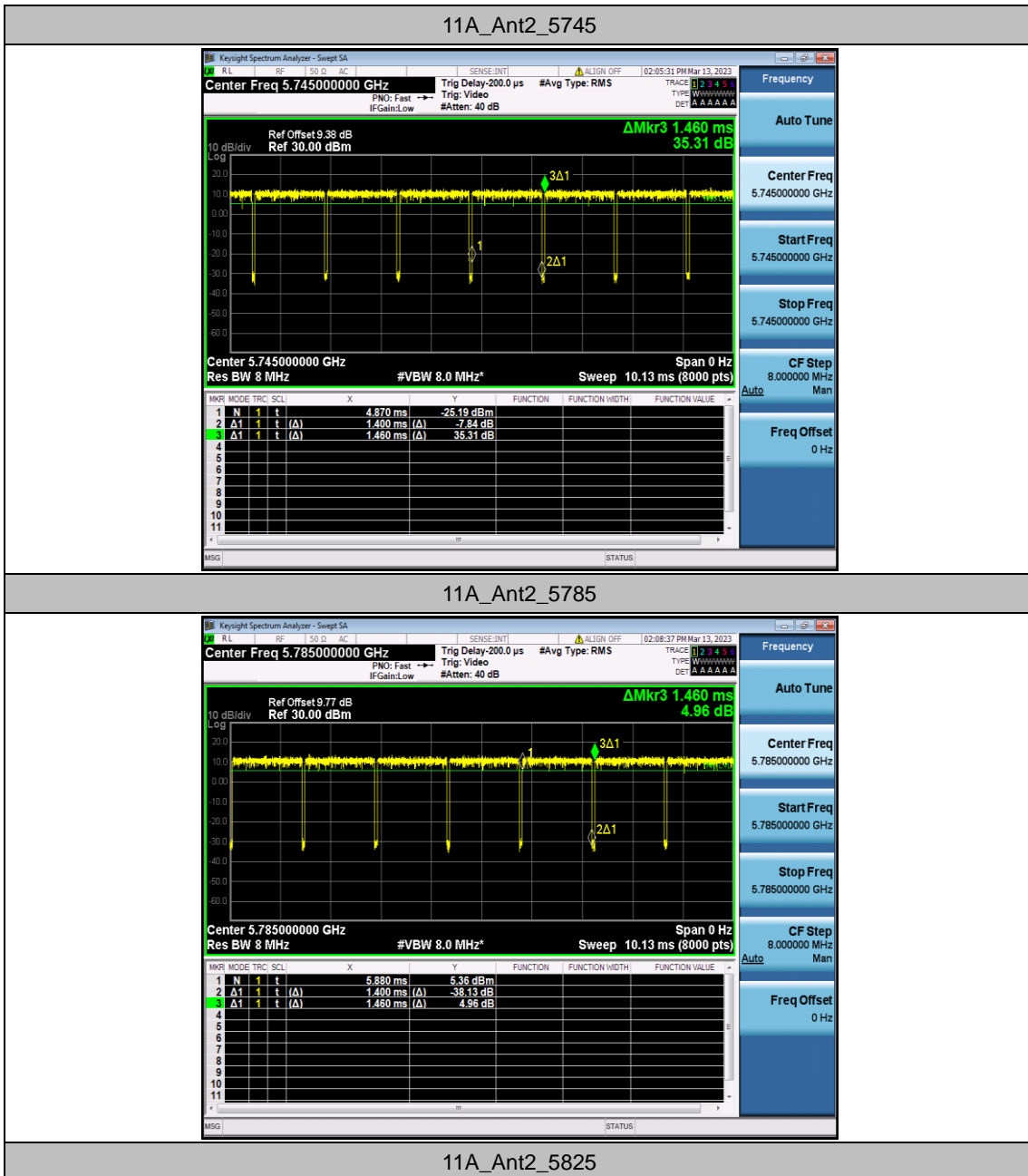


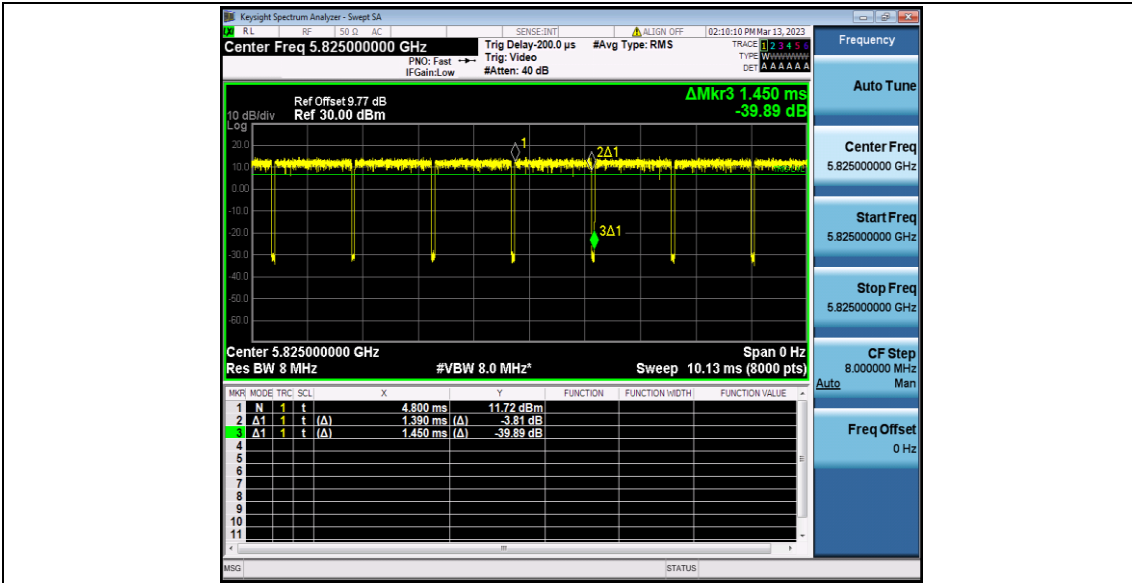
Appendix C.3: Duty Cycle

Test Result

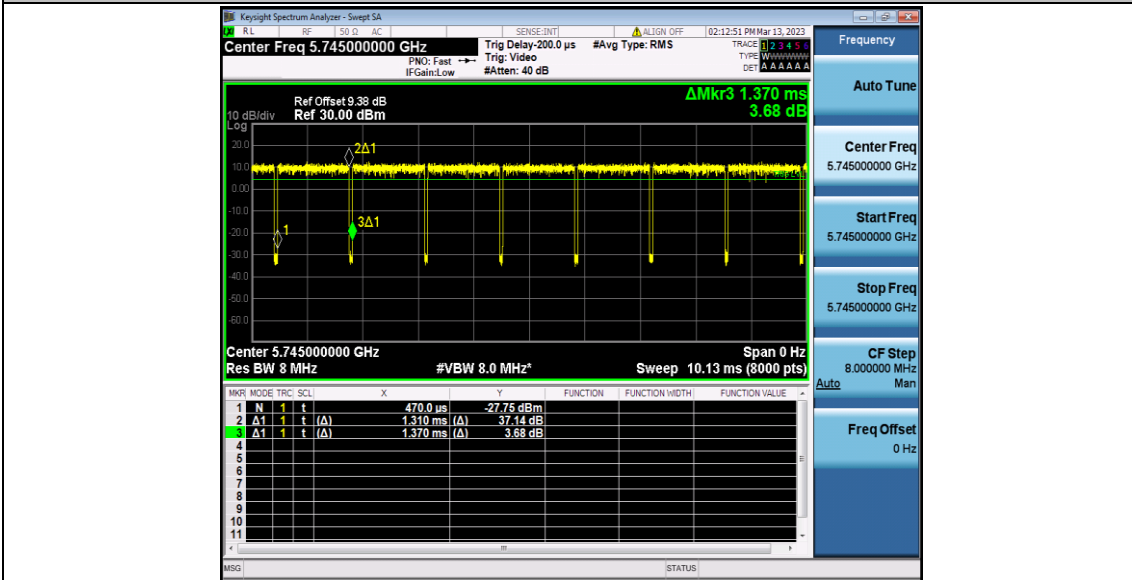
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant2	5745	1.40	1.46	95.89
		5785	1.40	1.46	95.89
		5825	1.39	1.45	95.86
11N20SISO	Ant2	5745	1.31	1.37	95.62
		5785	1.31	1.37	95.62
		5825	1.31	1.37	95.62
11N40SISO	Ant2	5755	0.64	0.70	91.43
		5795	0.64	0.71	90.14
11AC20SISO	Ant2	5745	0.69	0.75	92.00
		5785	0.68	0.75	90.67
		5825	0.68	0.75	90.67
11AC40SISO	Ant2	5755	0.35	0.41	85.37
		5795	0.35	0.41	85.37
11AC80SISO	Ant2	5775	0.19	0.25	76.00

Test Graphs

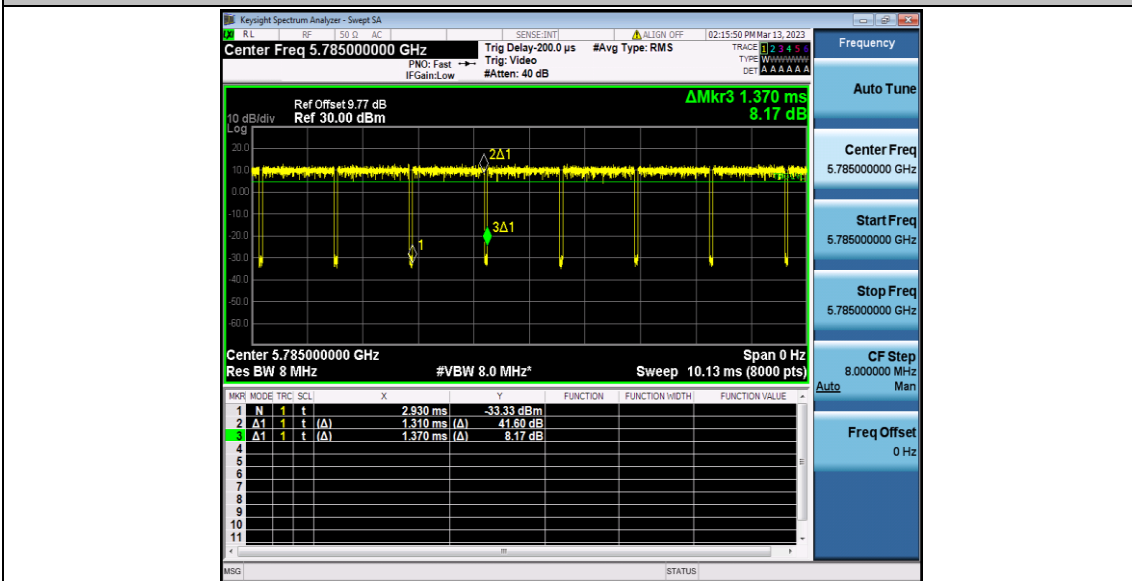




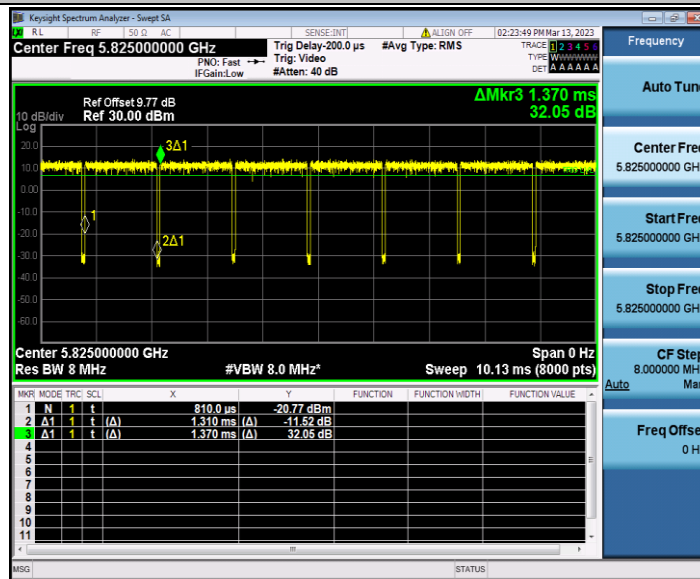
11N20SISO_Ant2_5745



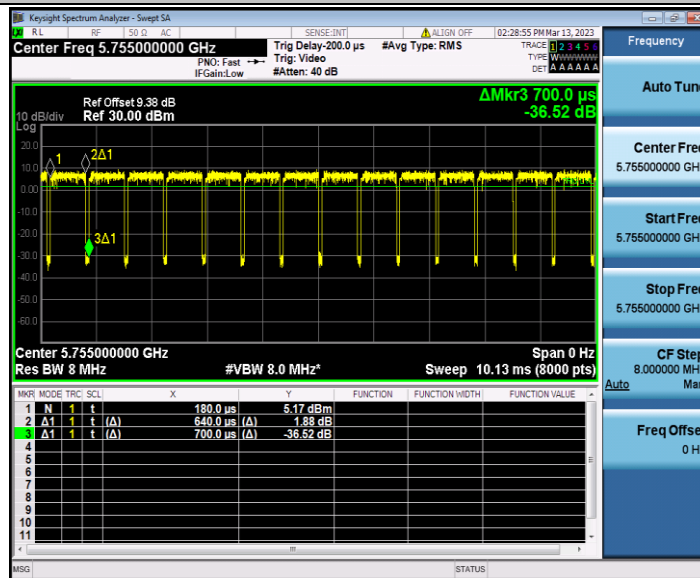
11N20SISO_Ant2_5785



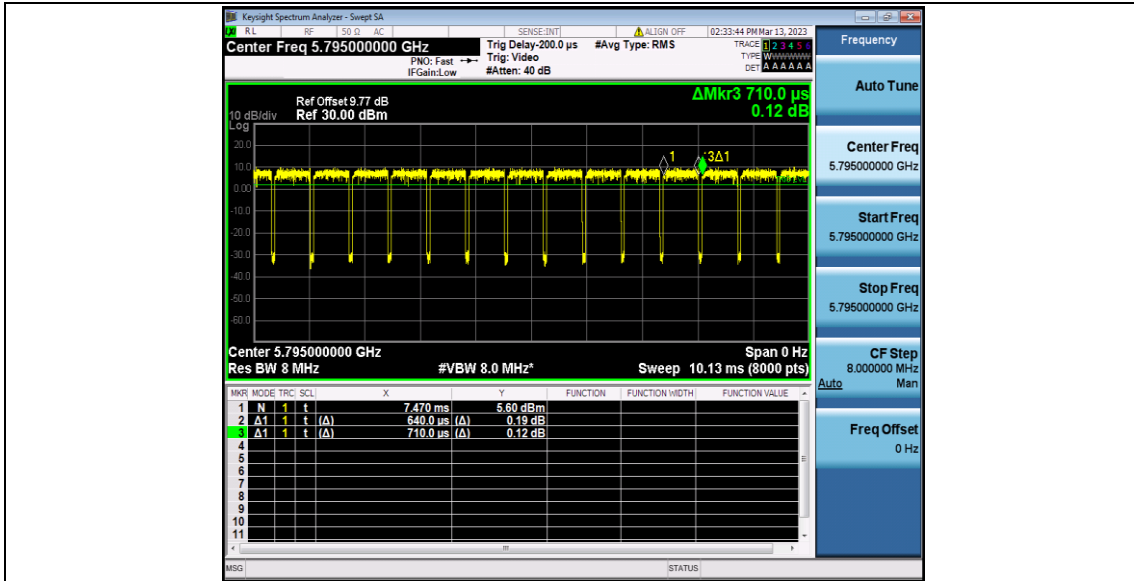
11N20SISO_Ant2_5825



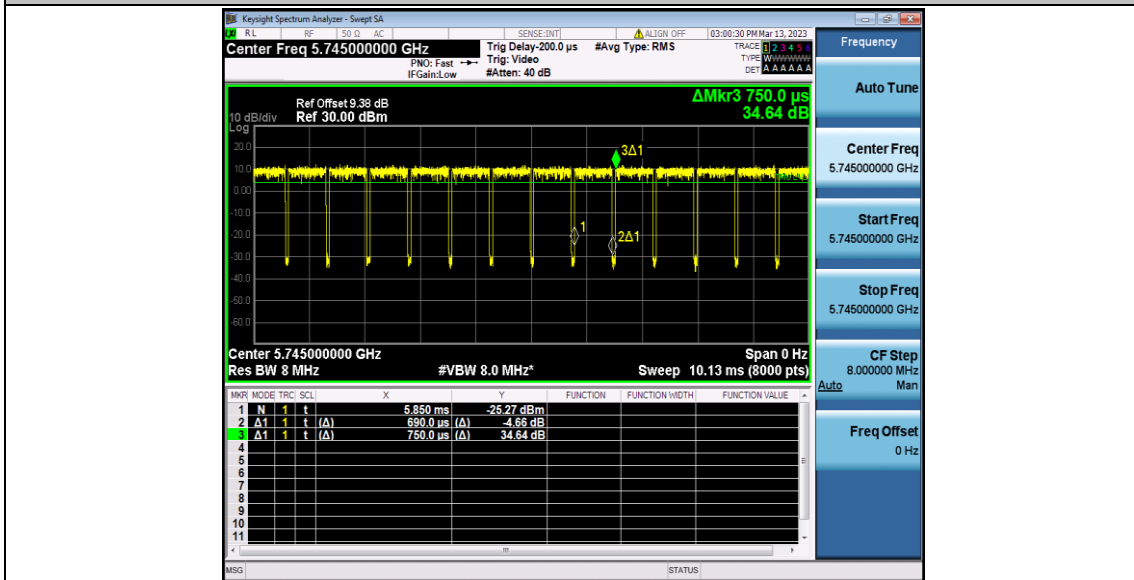
11N40SISO_Ant2_5755



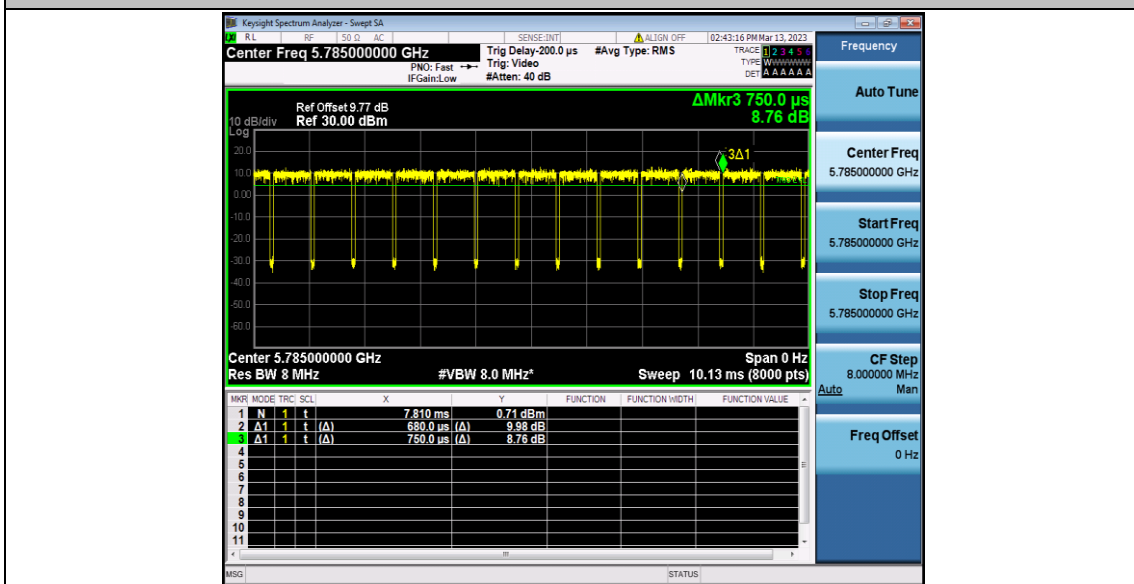
11N40SISO_Ant2_5795



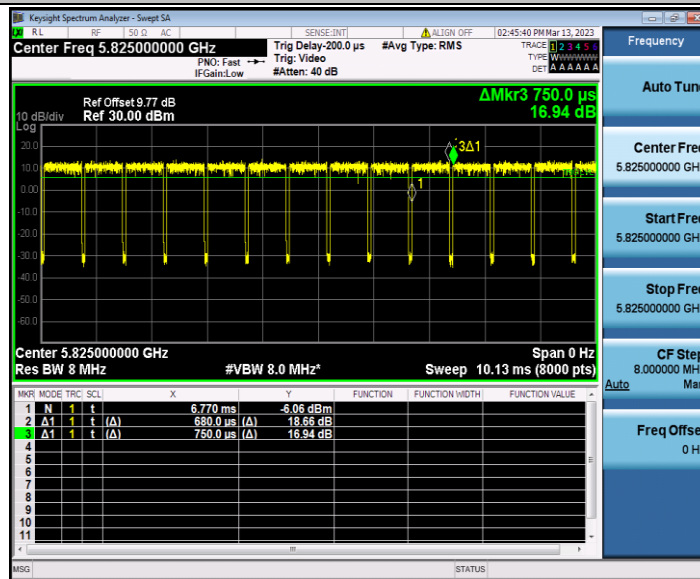
11AC20SISO_Ant2_5745



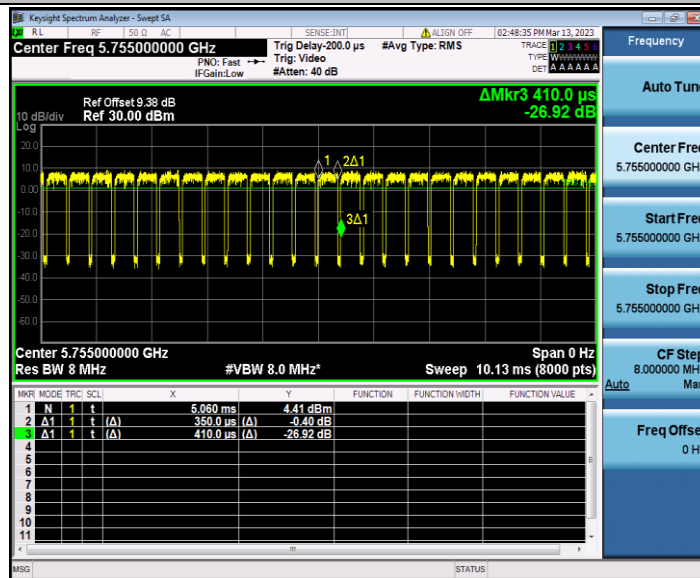
11AC20SISO_Ant2_5785



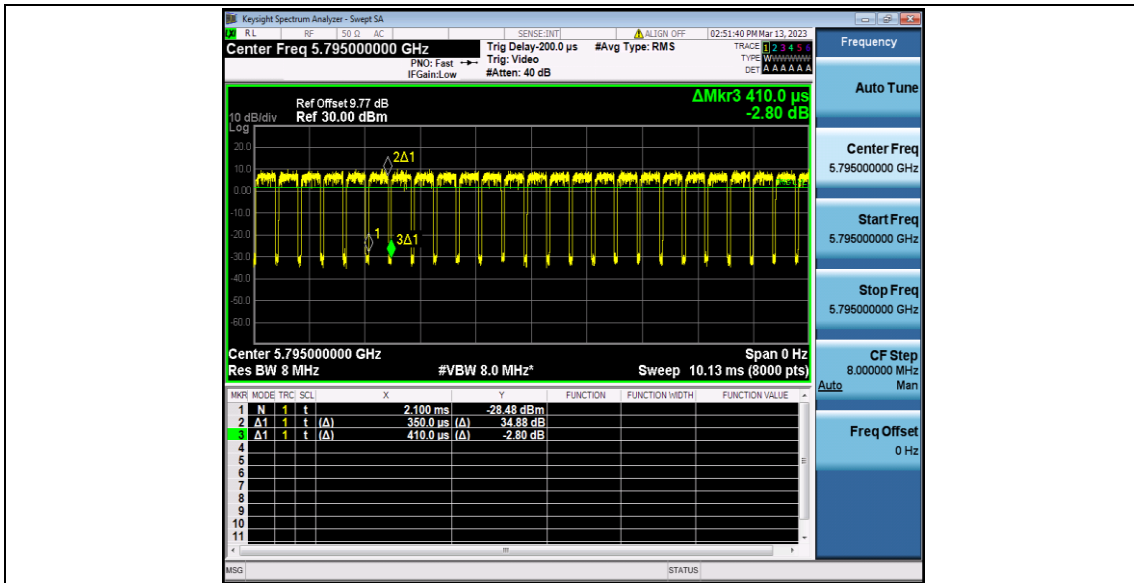
11AC20SISO_Ant2_5825



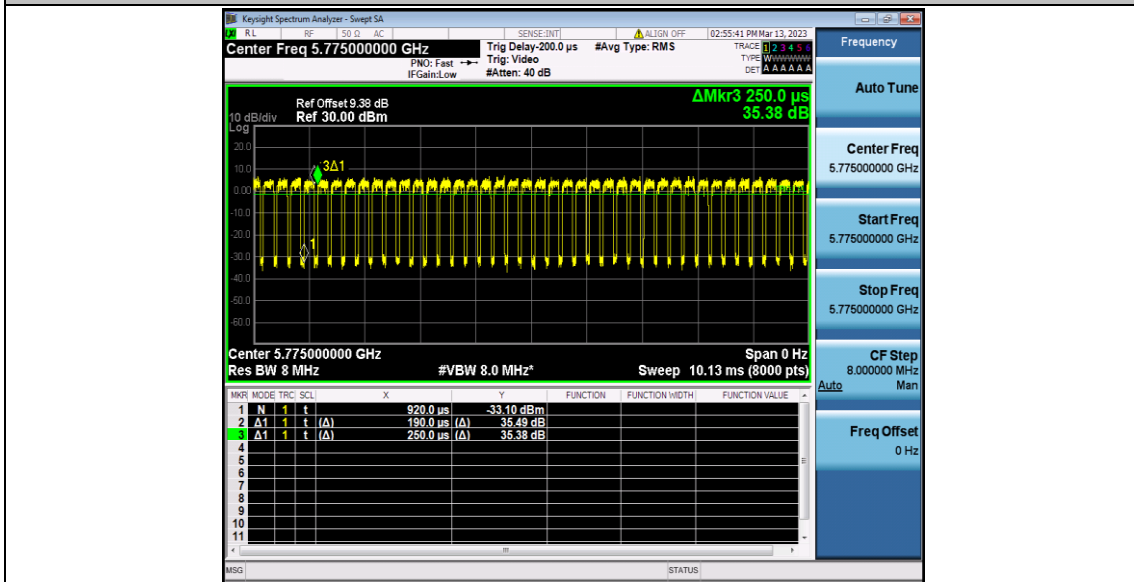
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



Appendix C.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	12.61	95.89	0.18	12.79	≤30.00	PASS
		5785	12.95	95.89	0.18	13.13	≤30.00	PASS
		5825	14.18	95.86	0.18	14.36	≤30.00	PASS
11N20SISO	Ant2	5745	12.01	95.62	0.19	12.20	≤30.00	PASS
		5785	12.36	95.62	0.19	12.55	≤30.00	PASS
		5825	14.17	95.62	0.19	14.36	≤30.00	PASS
11N40SISO	Ant2	5755	11.87	91.43	0.39	12.26	≤30.00	PASS
		5795	12.31	90.14	0.45	12.76	≤30.00	PASS
11AC20SISO	Ant2	5745	11.50	100.00	0.00	11.50	≤30.00	PASS
		5785	11.80	90.67	0.43	12.23	≤30.00	PASS
		5825	13.09	90.67	0.43	13.52	≤30.00	PASS
11AC40SISO	Ant2	5755	10.97	85.37	0.69	11.66	≤30.00	PASS
		5795	11.45	85.37	0.69	12.14	≤30.00	PASS
11AC80SISO	Ant2	5775	11.09	76.00	1.19	12.28	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Appendix C.5: Maximum power spectral density

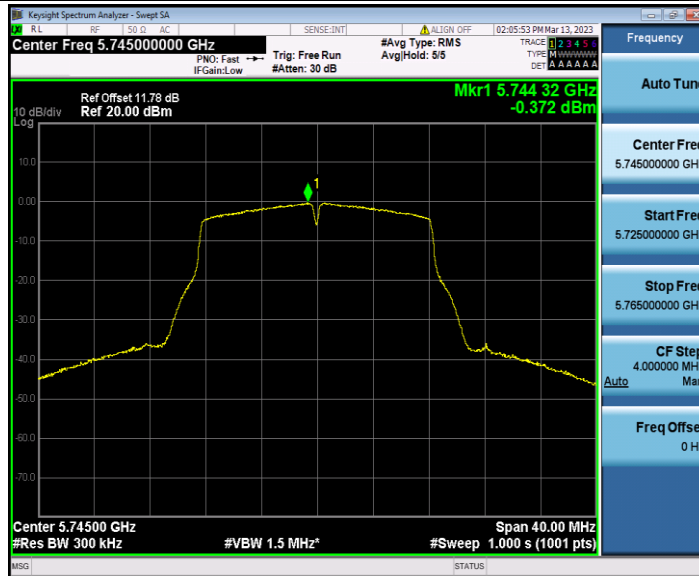
Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-0.37	≤30.00	PASS
		5785	0.07	≤30.00	PASS
		5825	1.42	≤30.00	PASS
11N20SISO	Ant2	5745	-1.1	≤30.00	PASS
		5785	-0.7	≤30.00	PASS
		5825	0.63	≤30.00	PASS
11N40SISO	Ant2	5755	-4.03	≤30.00	PASS
		5795	-3.5	≤30.00	PASS
11AC20SISO	Ant2	5745	-1.9	≤30.00	PASS
		5785	-1.22	≤30.00	PASS
		5825	0.1	≤30.00	PASS
11AC40SISO	Ant2	5755	-4.39	≤30.00	PASS
		5795	-3.76	≤30.00	PASS
11AC80SISO	Ant2	5775	-6.53	≤30.00	PASS

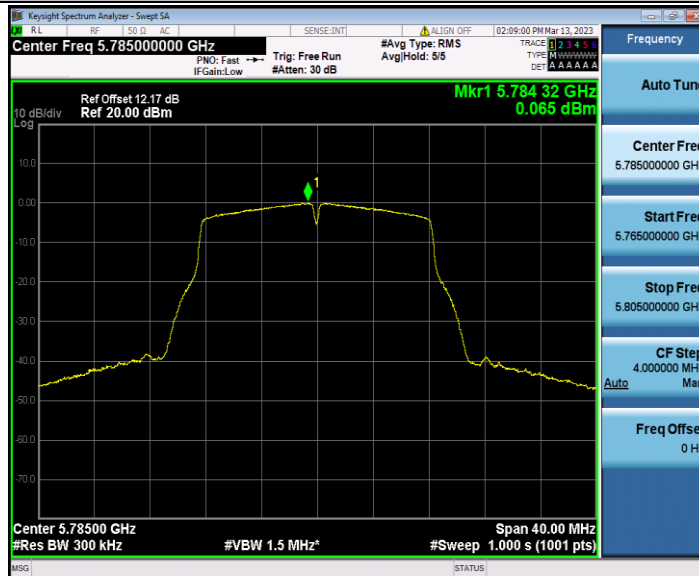
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

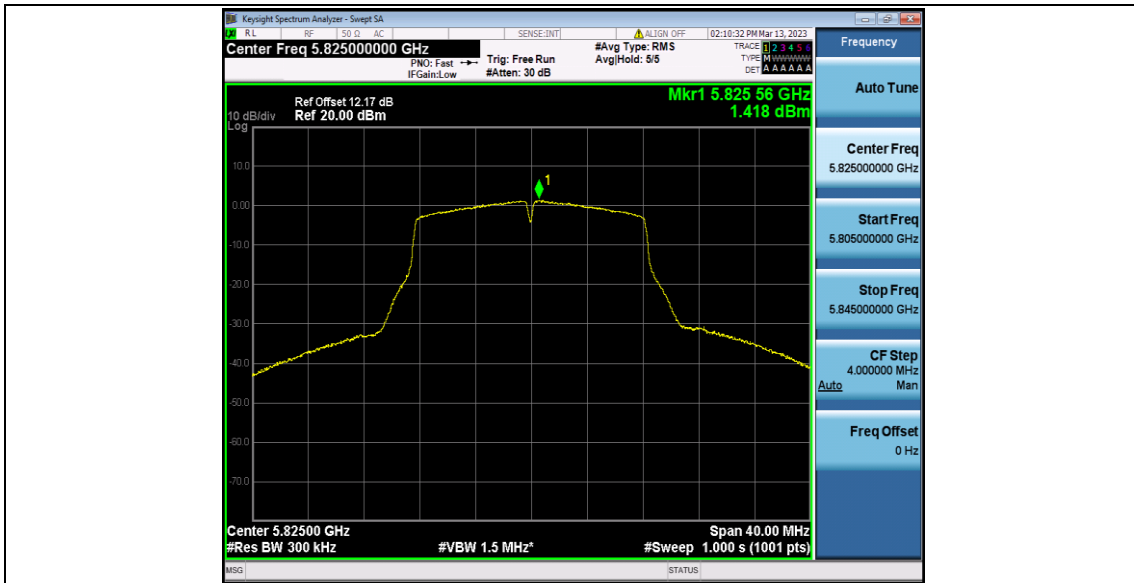
11A_Ant2_5745



11A_Ant2_5785



11A_Ant2_5825



11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



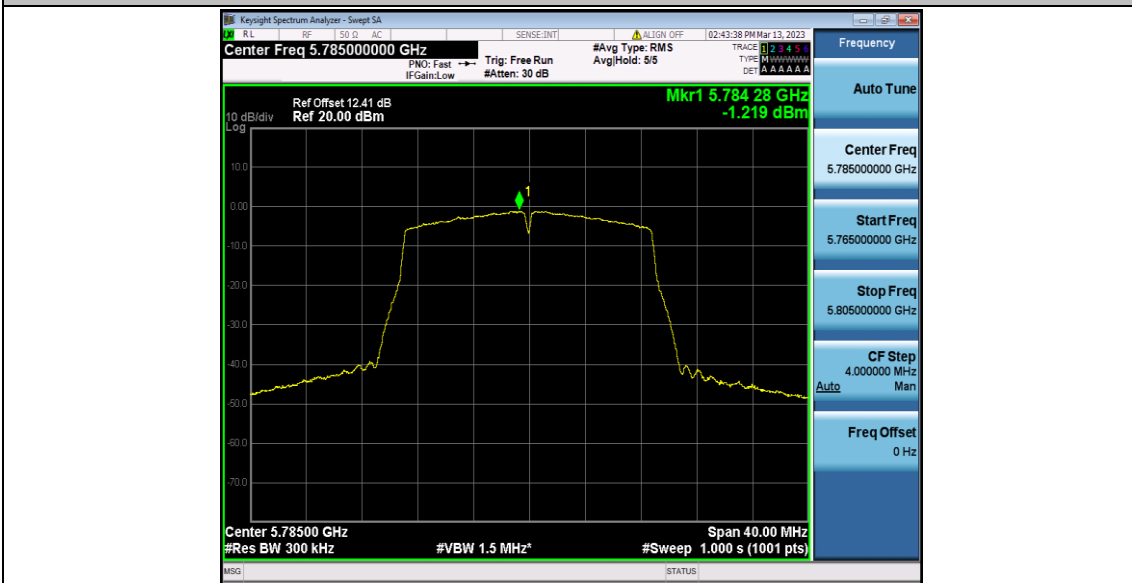
11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785



11AC20SISO_Ant2_5825



11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795