

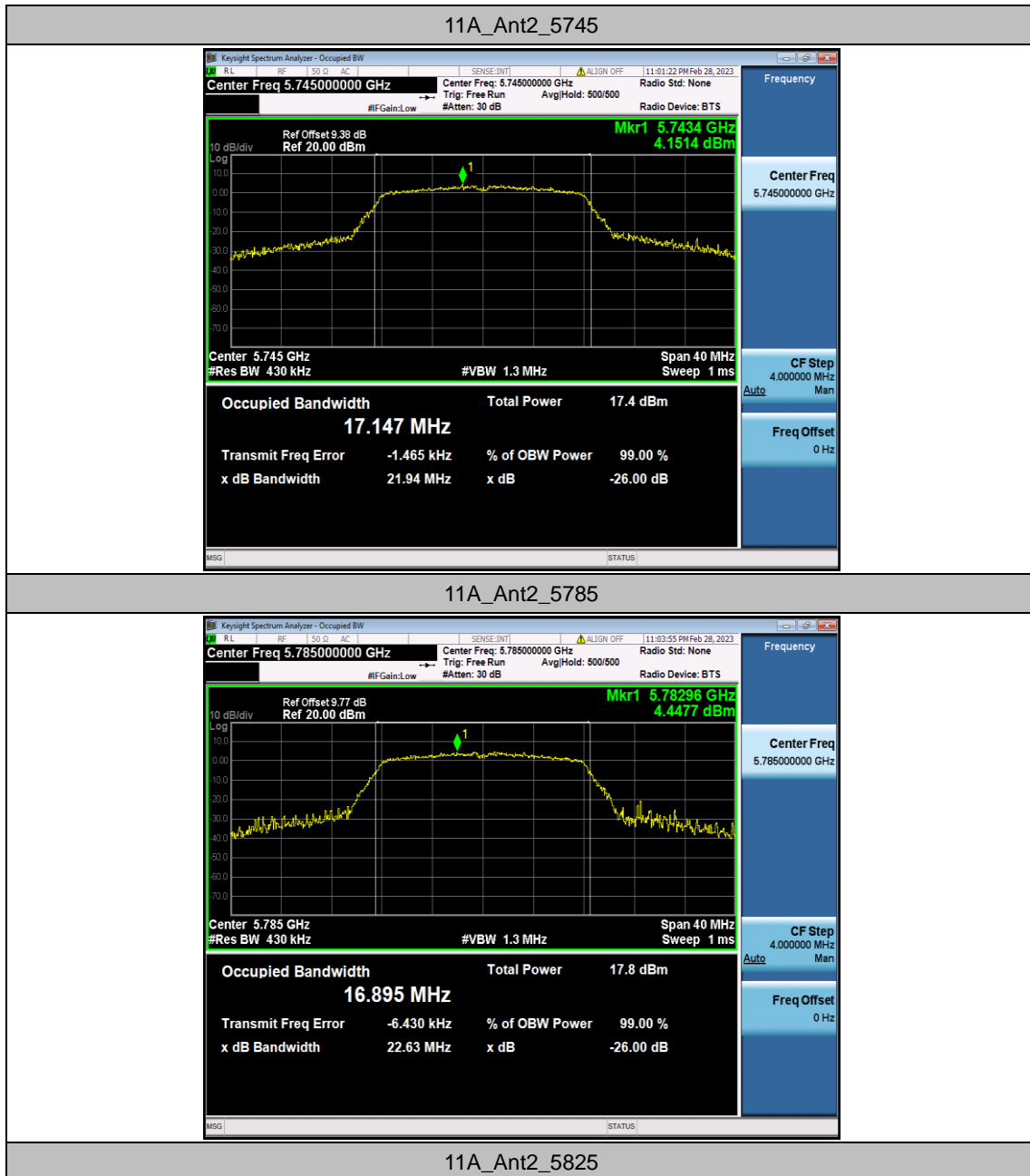
Case No. : <u>GTS20230210003-1-6</u>
Ambient Condition: <u>24</u> °C, <u>49</u> %RH, Atmos100.1Kpa,
Test Date: <u>2023.2.28</u> Test Engineer: <u>Jenny zeng</u>

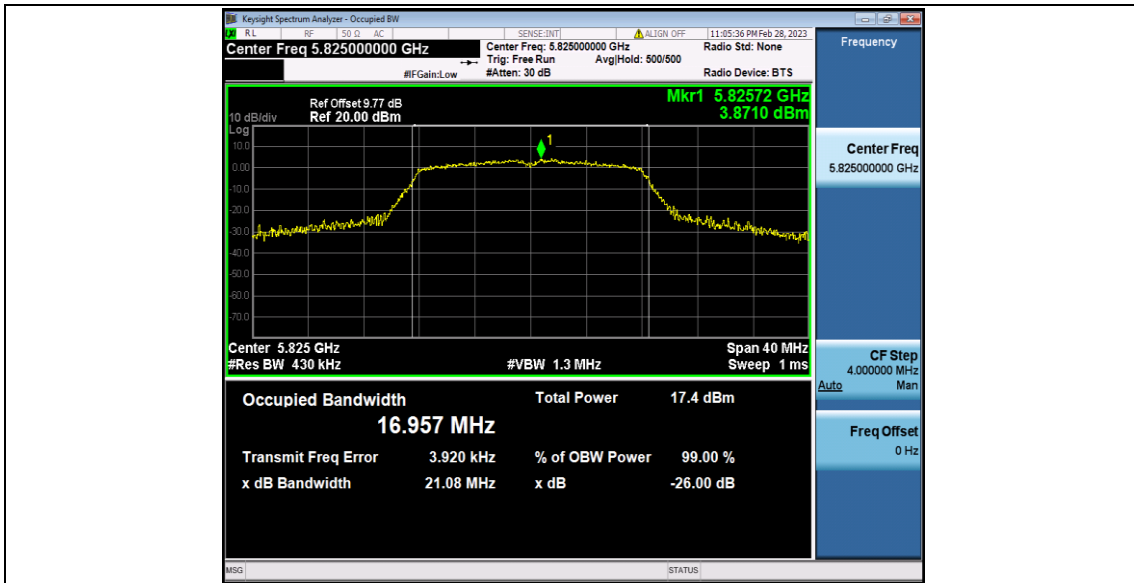
Appendix E.1: Occupied channel bandwidth

Test Result

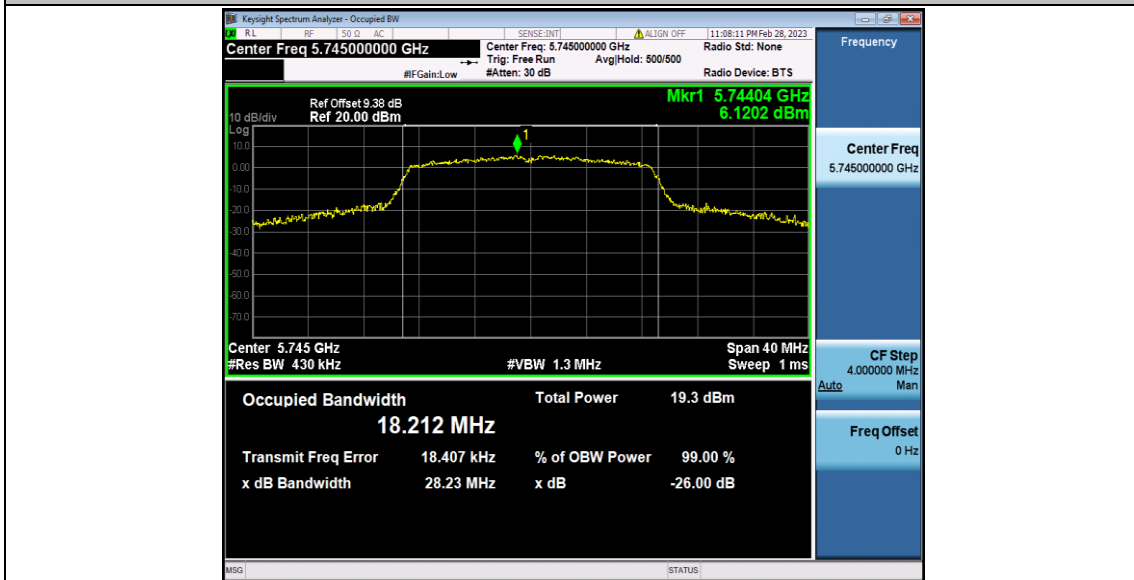
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	17.147	5736.425	5753.572	---	---
		5785	16.895	5776.546	5793.441	---	---
		5825	16.957	5816.525	5833.482	---	---
11N20SISO	Ant2	5745	18.212	5735.912	5754.124	---	---
		5785	18.102	5775.921	5794.023	---	---
		5825	18.202	5815.880	5834.082	---	---
11N40SISO	Ant2	5755	36.485	5736.767	5773.252	---	---
		5795	36.457	5776.845	5813.302	---	---
11AC20SISO	Ant2	5745	17.913	5736.063	5753.976	---	---
		5785	17.904	5776.035	5793.939	---	---
		5825	17.973	5816.023	5833.996	---	---
11AC40SISO	Ant2	5755	36.288	5736.868	5773.156	---	---
		5795	36.398	5776.829	5813.227	---	---
11AC80SISO	Ant2	5775	75.261	5737.457	5812.718	---	---

Test Graphs





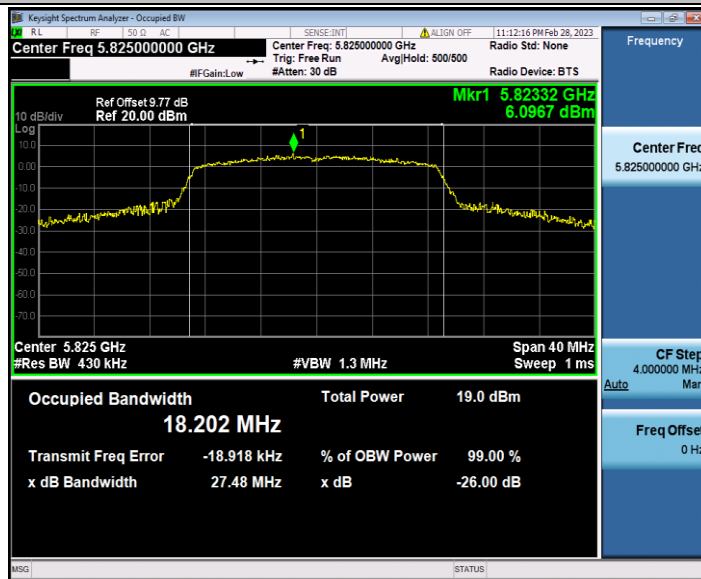
11N20SISO_Ant2_5745



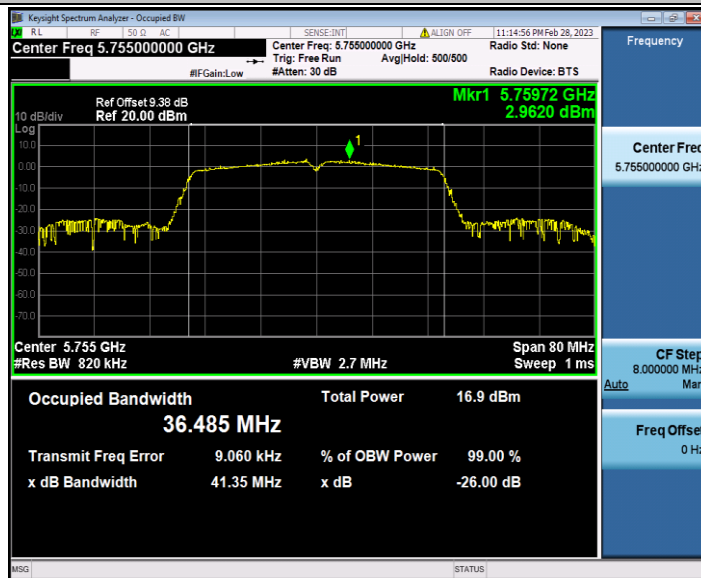
11N20SISO_Ant2_5785



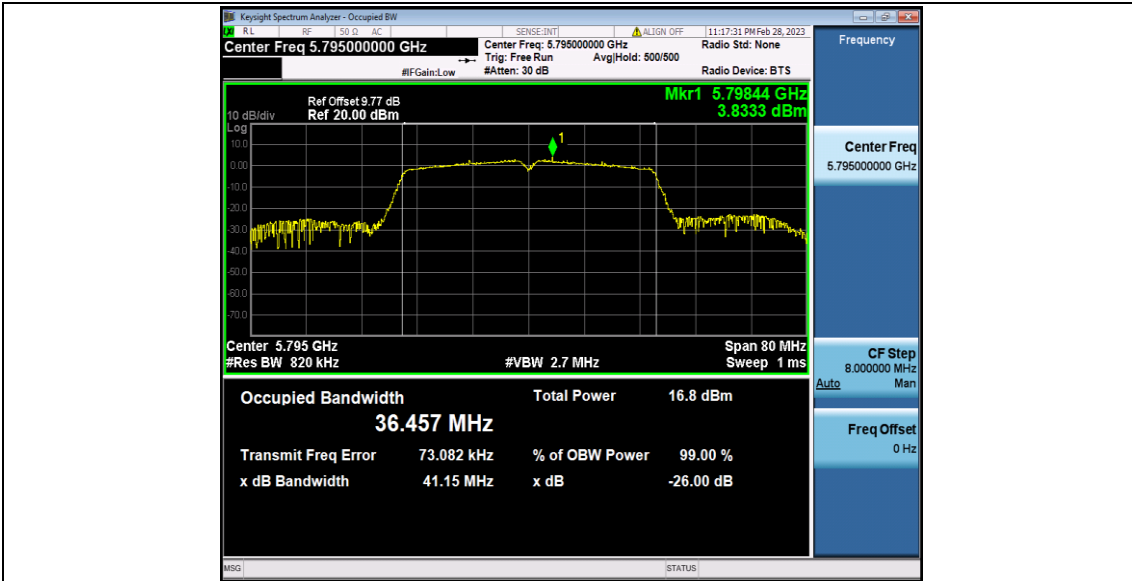
11N20SISO_Ant2_5825



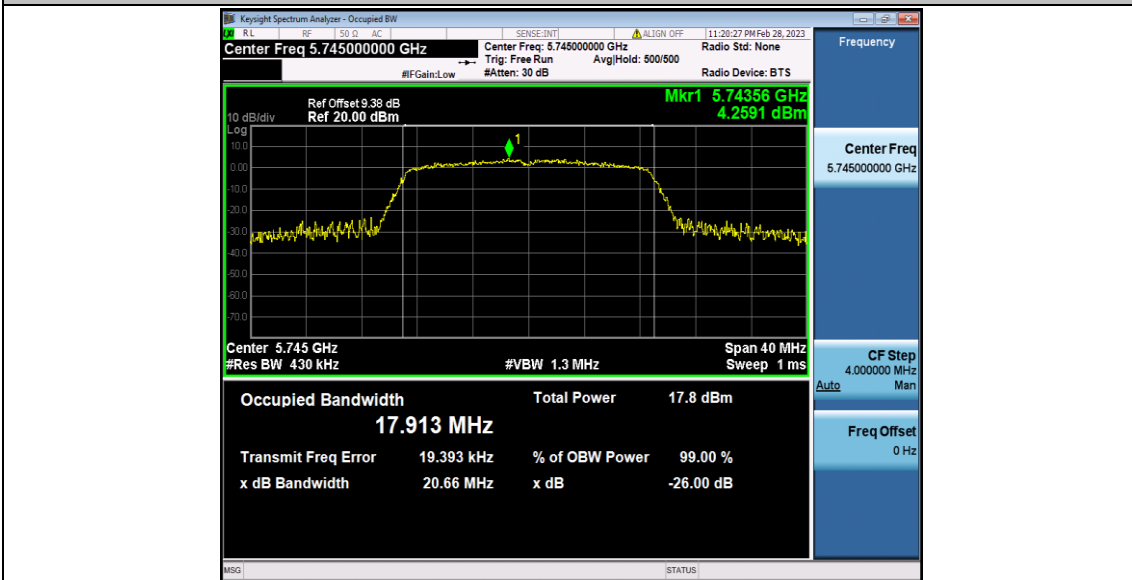
11N40SISO_Ant2_5755



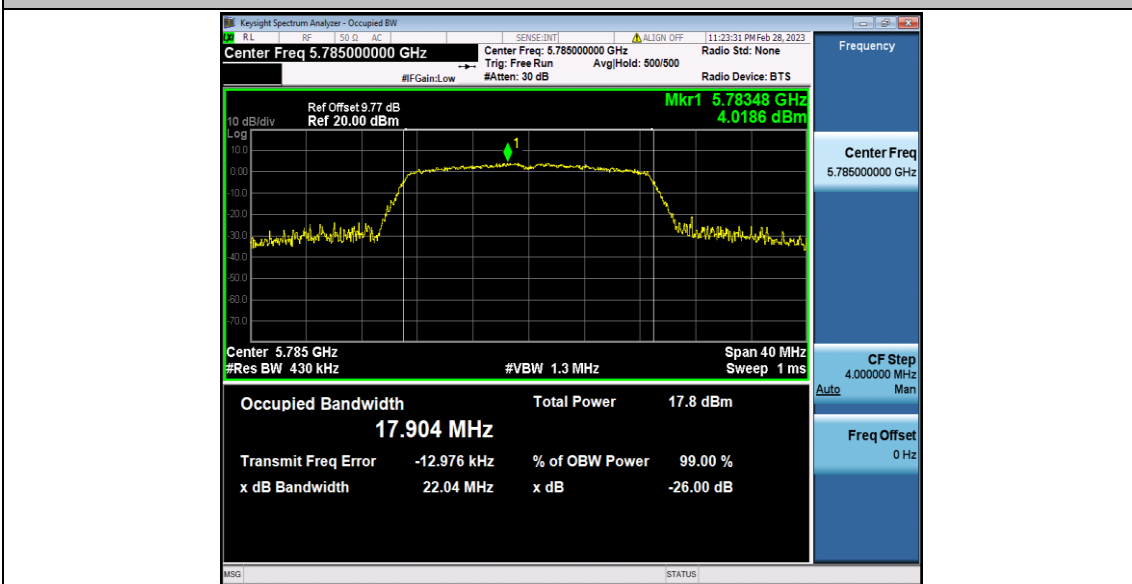
11N40SISO_Ant2_5795



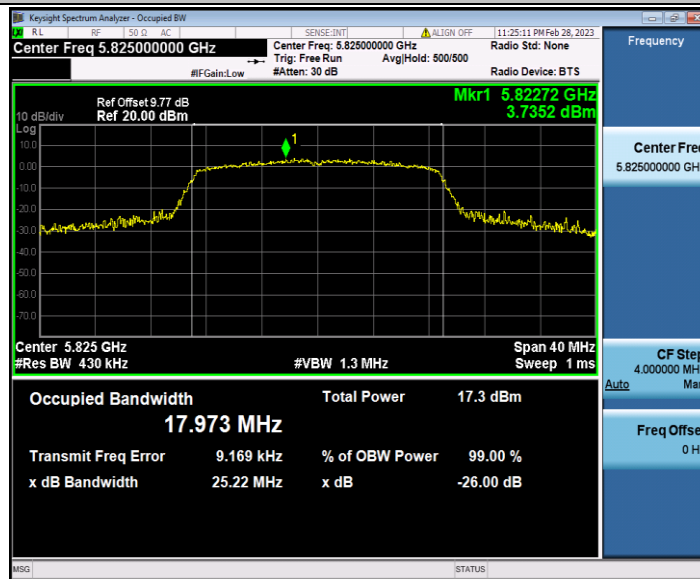
11AC20SISO_Ant2_5745



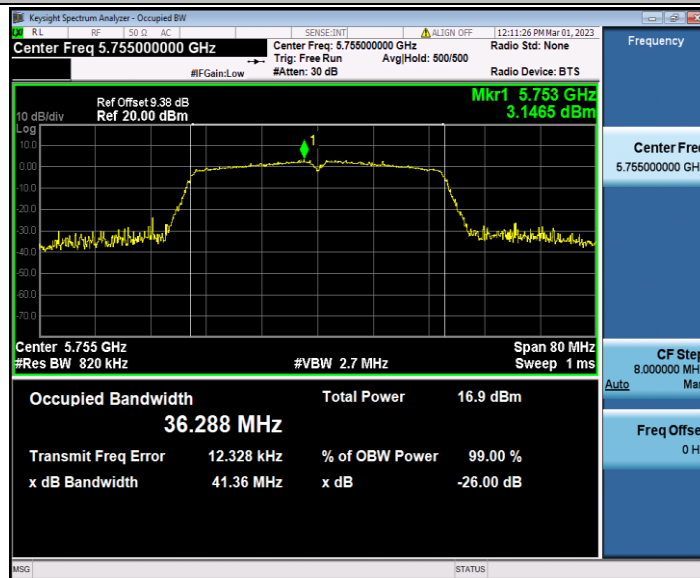
11AC20SISO_Ant2_5785



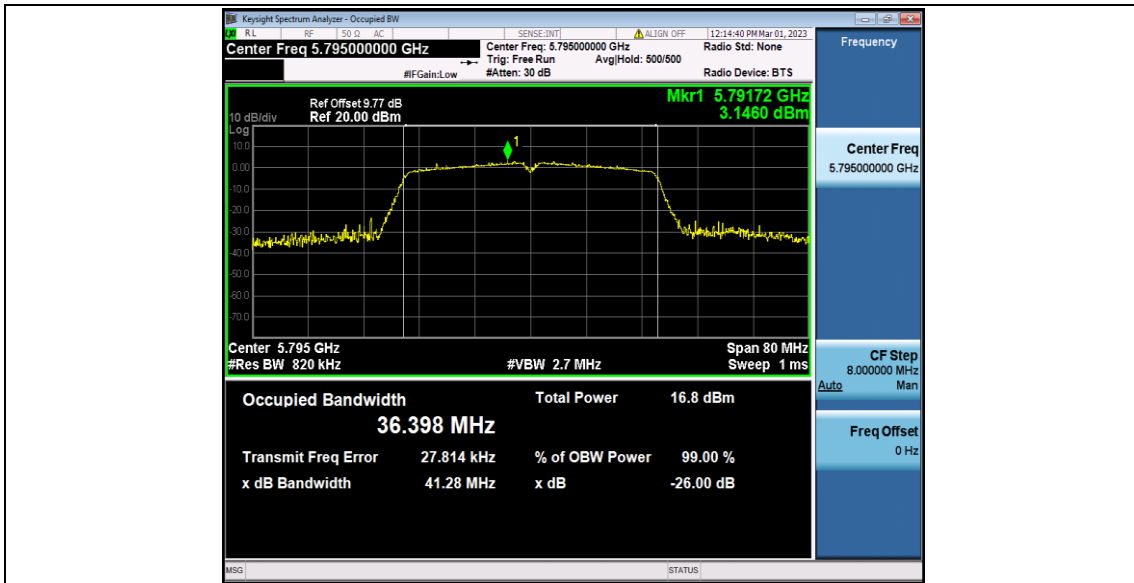
11AC20SISO_Ant2_5825



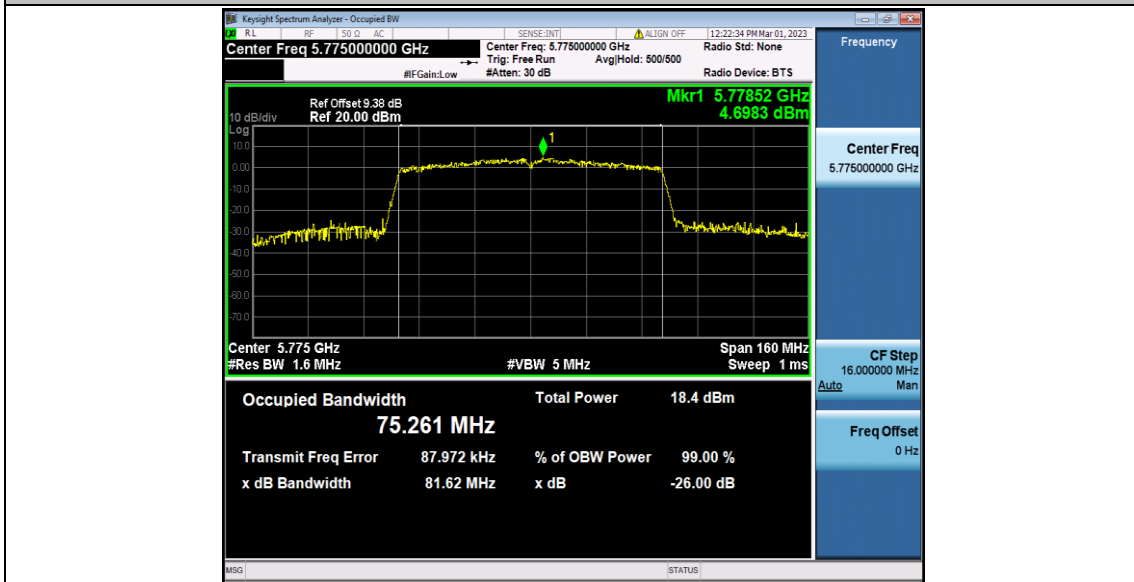
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775

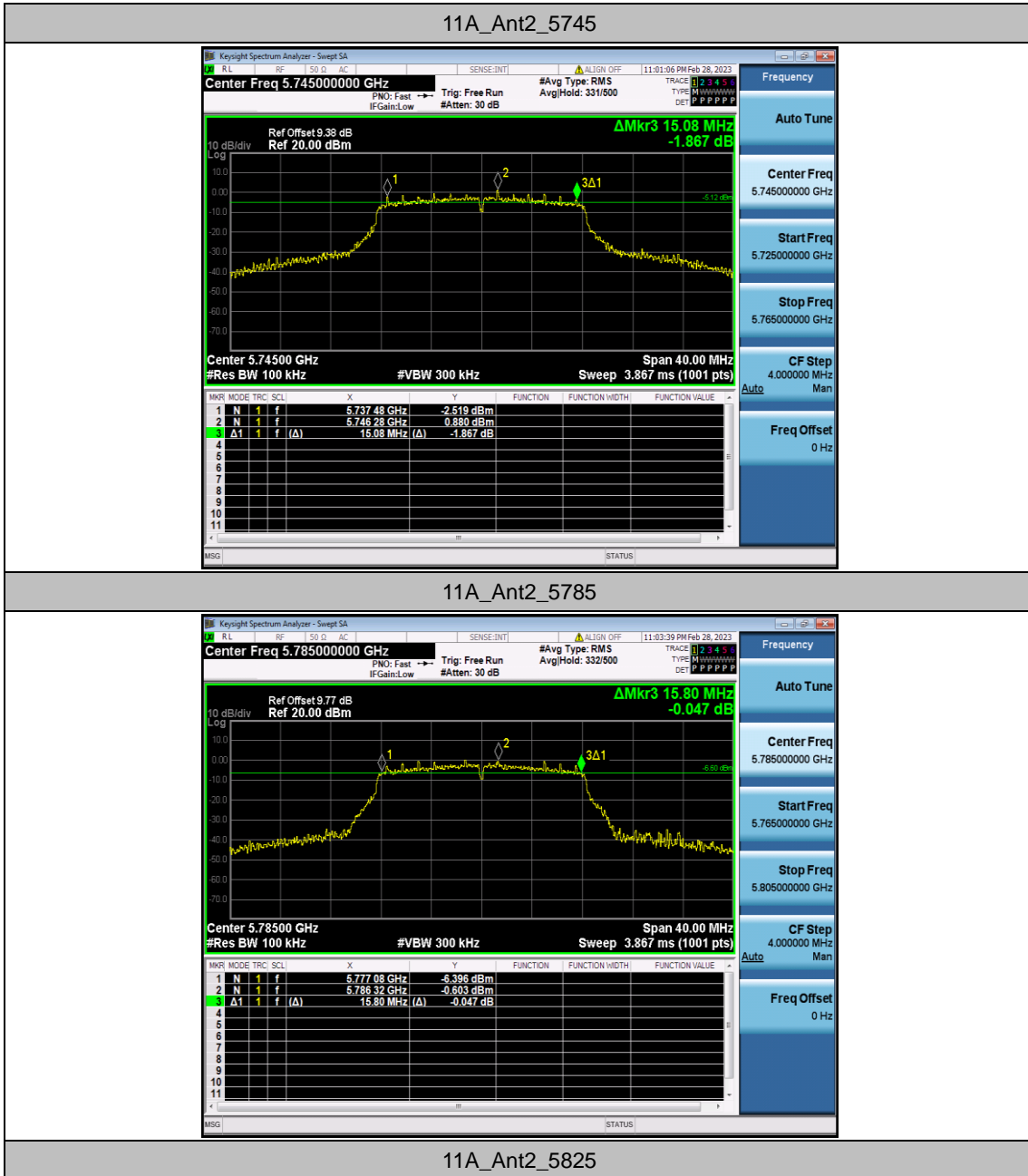


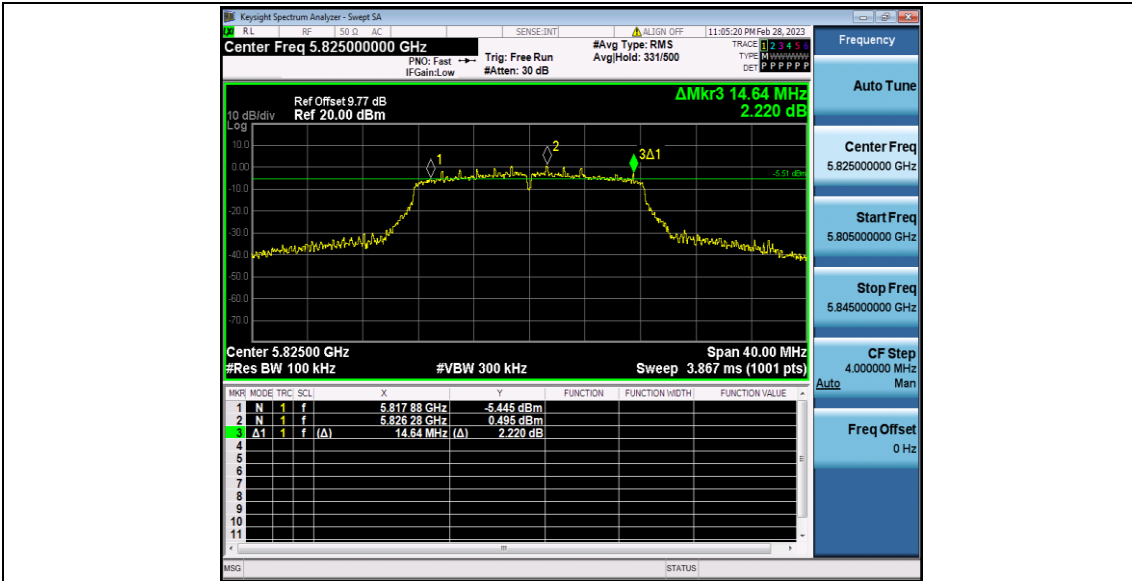
Appendix E.2: Min emission bandwidth

Test Result B4

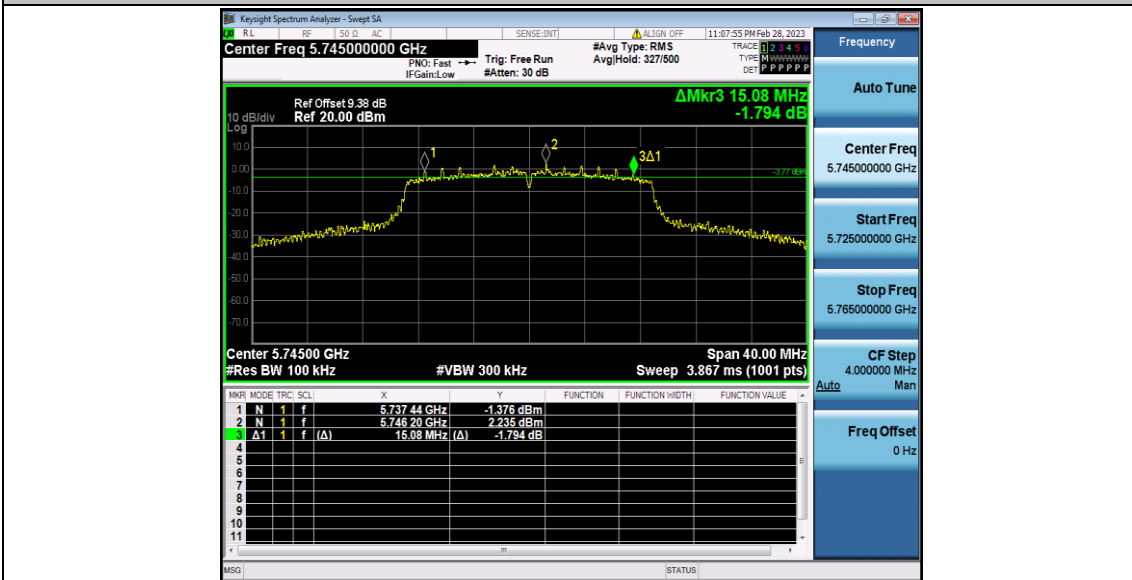
TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5745	15.080	5737.480	5752.560	0.5	PASS
		5785	15.800	5777.080	5792.880	0.5	PASS
		5825	14.640	5817.880	5832.520	0.5	PASS
11N20SISO	Ant2	5745	15.080	5737.440	5752.520	0.5	PASS
		5785	15.120	5777.440	5792.560	0.5	PASS
		5825	15.080	5817.440	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	5737.440	5752.560	0.5	PASS
		5785	15.040	5777.440	5792.480	0.5	PASS
		5825	15.120	5817.440	5832.560	0.5	PASS
11AC40SISO	Ant2	5755	35.040	5737.480	5772.520	0.5	PASS
		5795	35.040	5777.480	5812.520	0.5	PASS
11AC80SISO	Ant2	5775	75.200	5737.400	5812.600	0.5	PASS

Test Graphs B4

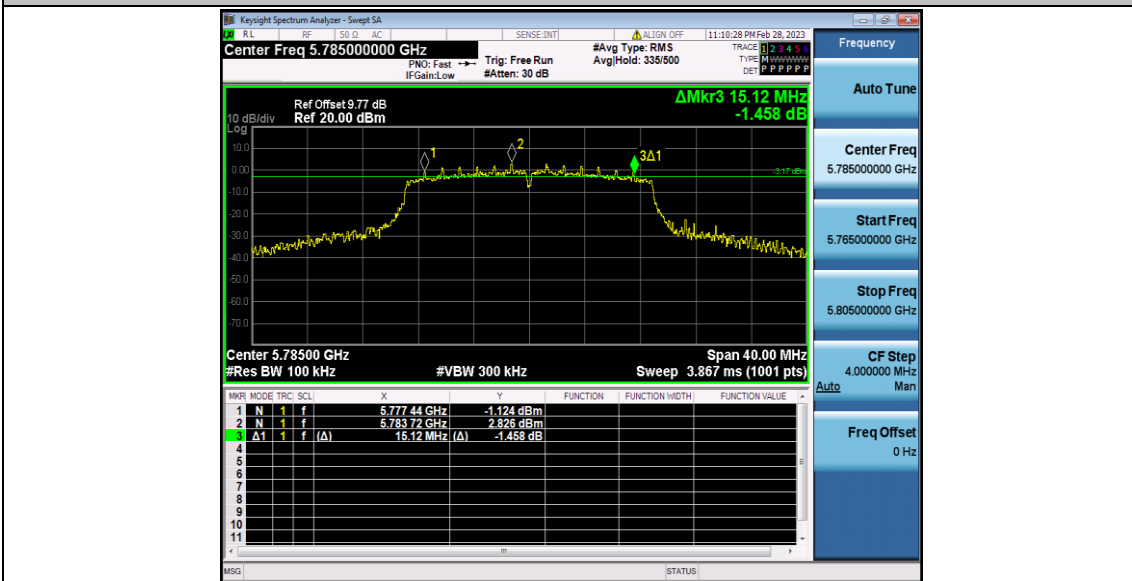




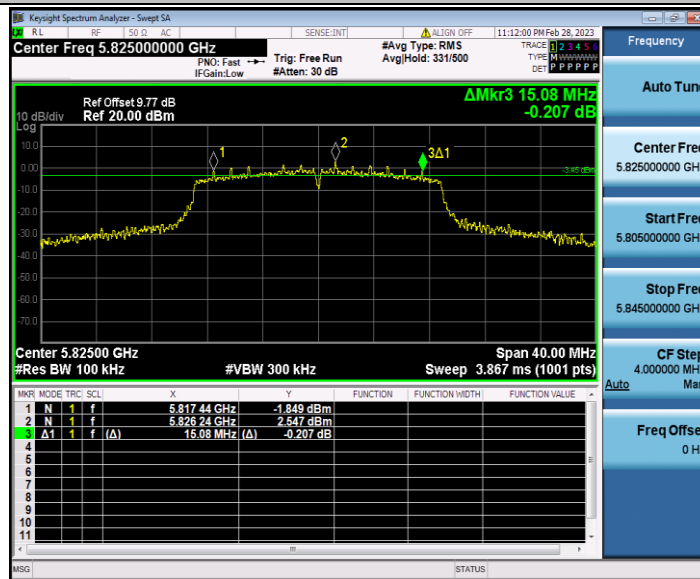
11N20SISO_Ant2_5745



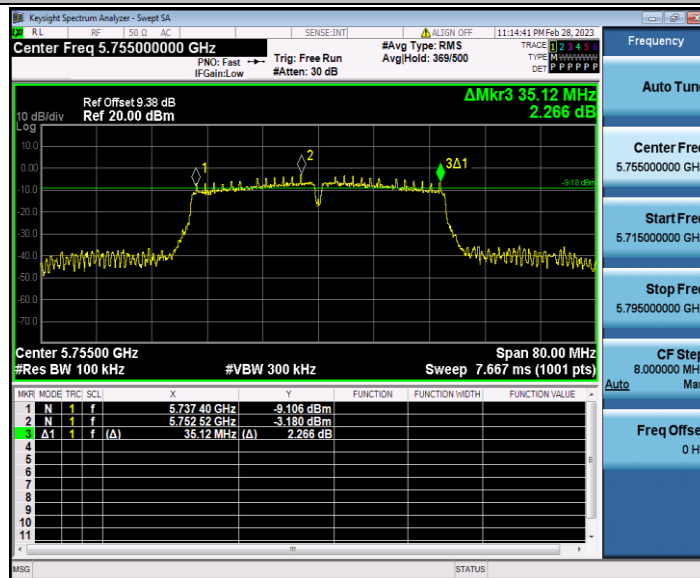
11N20SISO_Ant2_5785



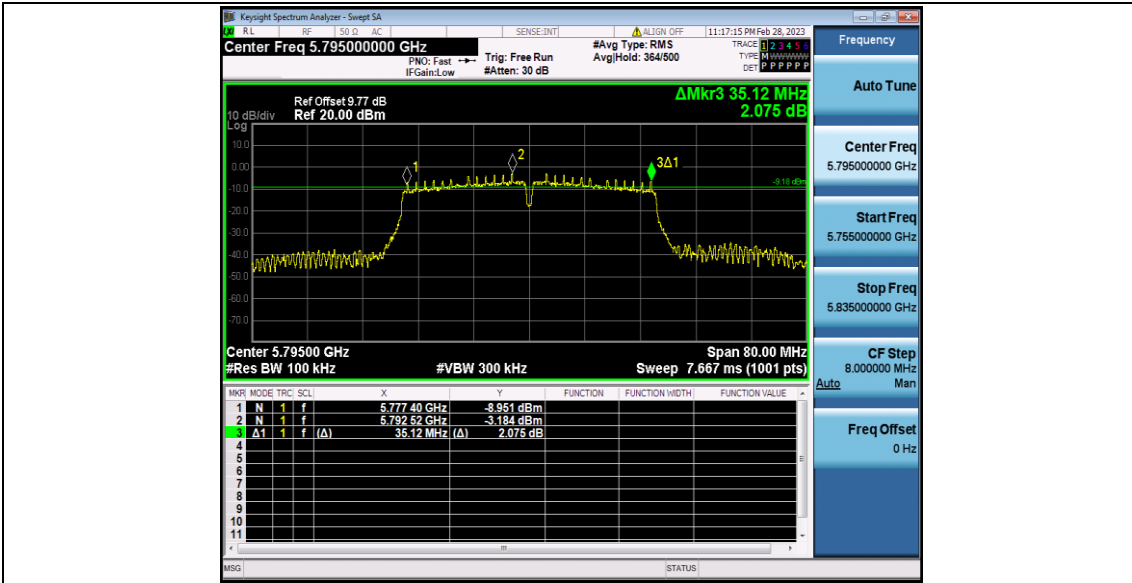
11N20SISO_Ant2_5825



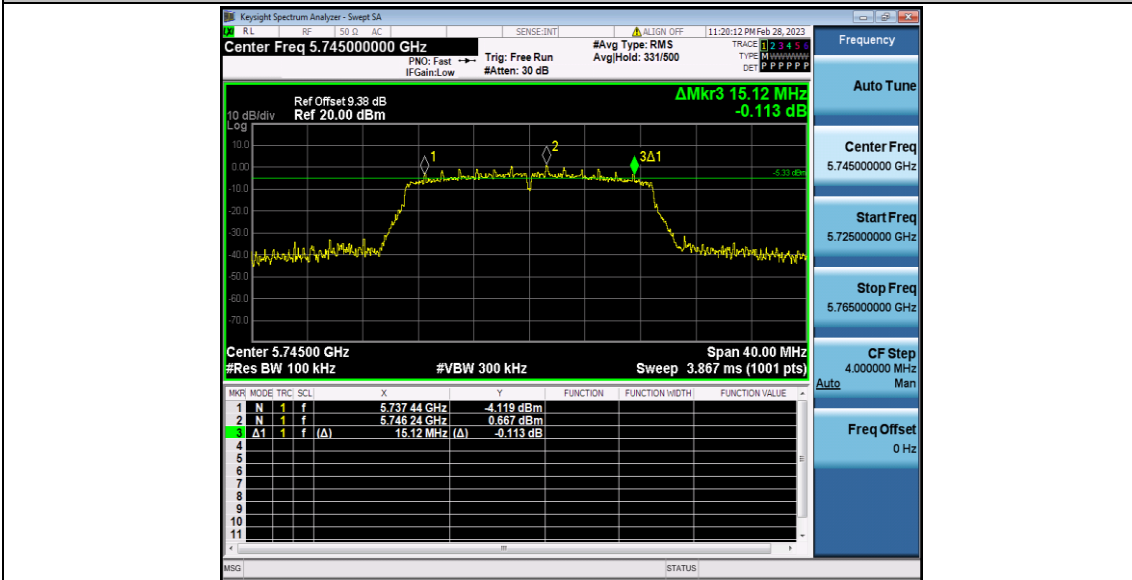
11N40SISO_Ant2_5755



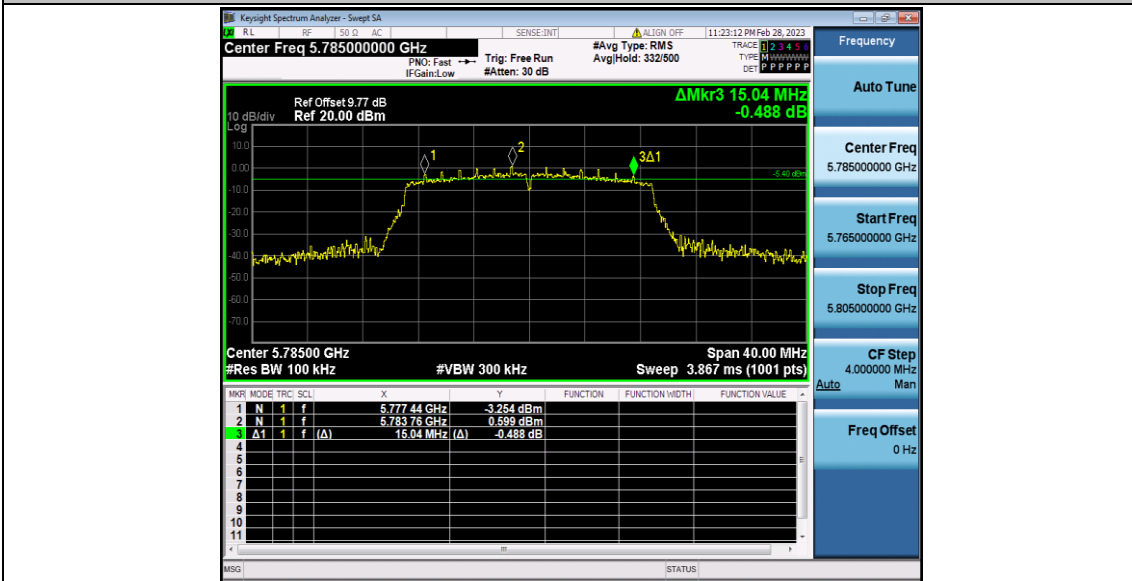
11N40SISO_Ant2_5795



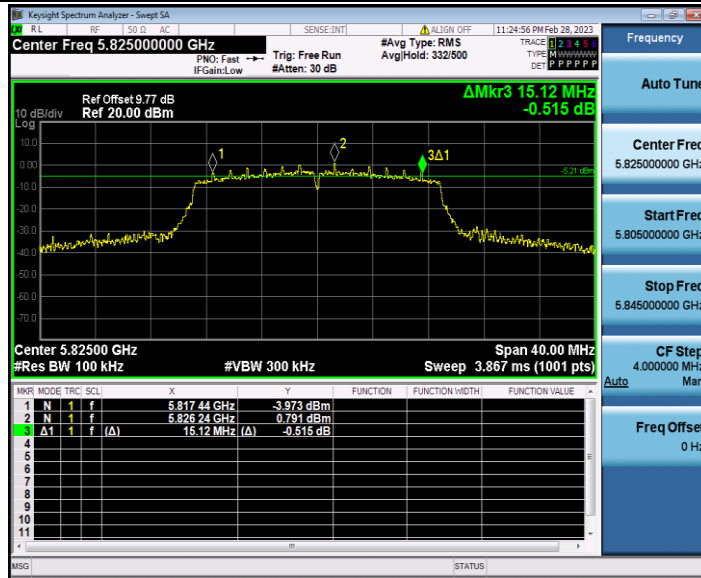
11AC20SISO_Ant2_5745



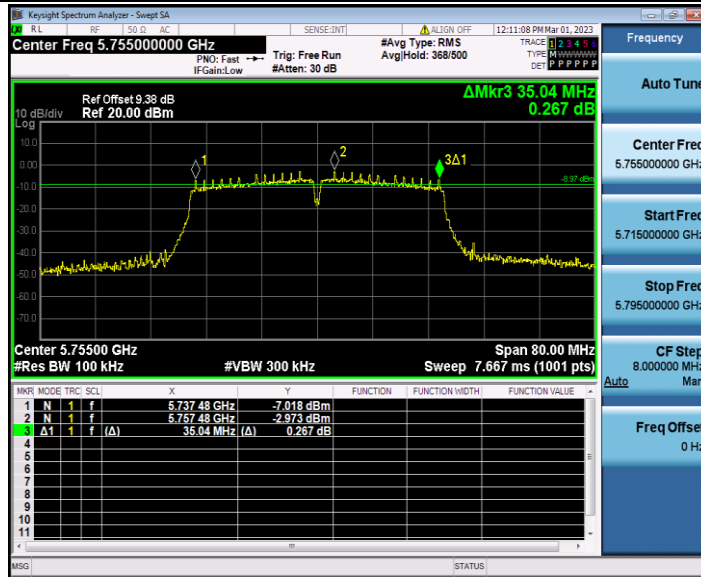
11AC20SISO_Ant2_5785



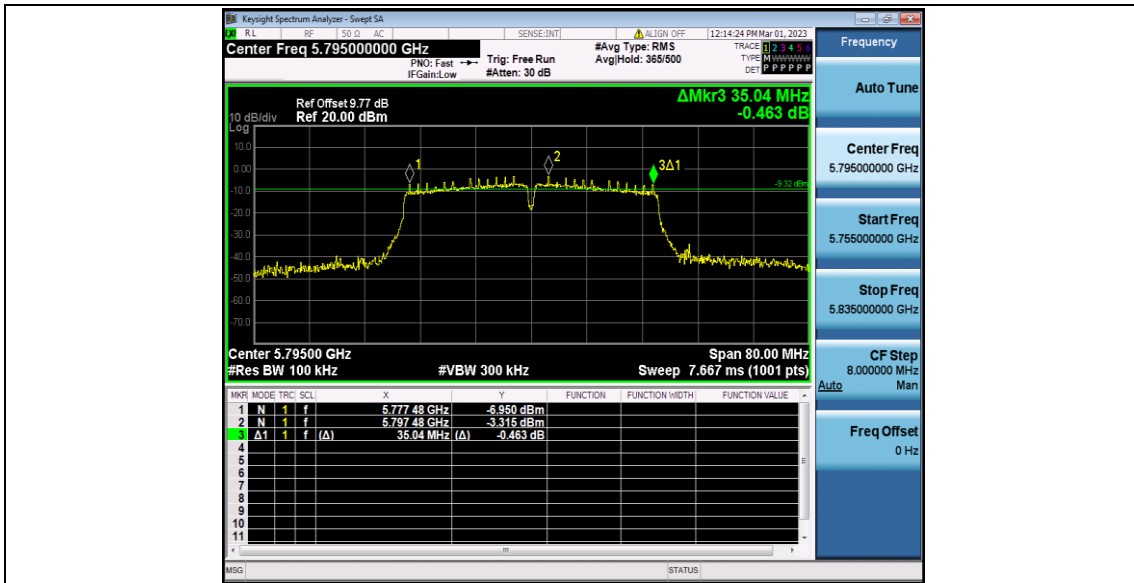
11AC20SISO_Ant2_5825



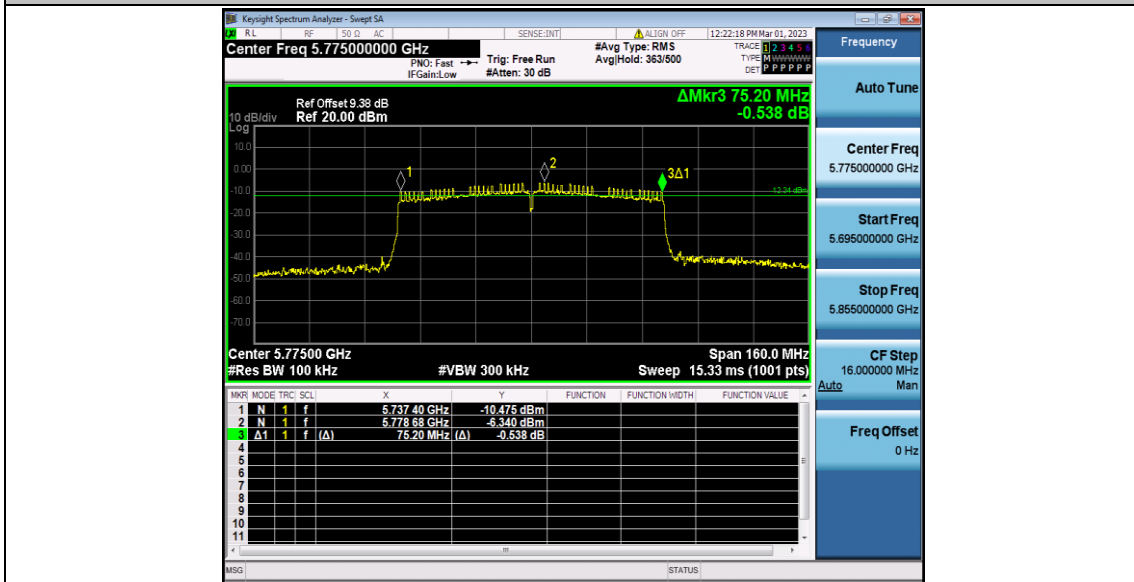
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775

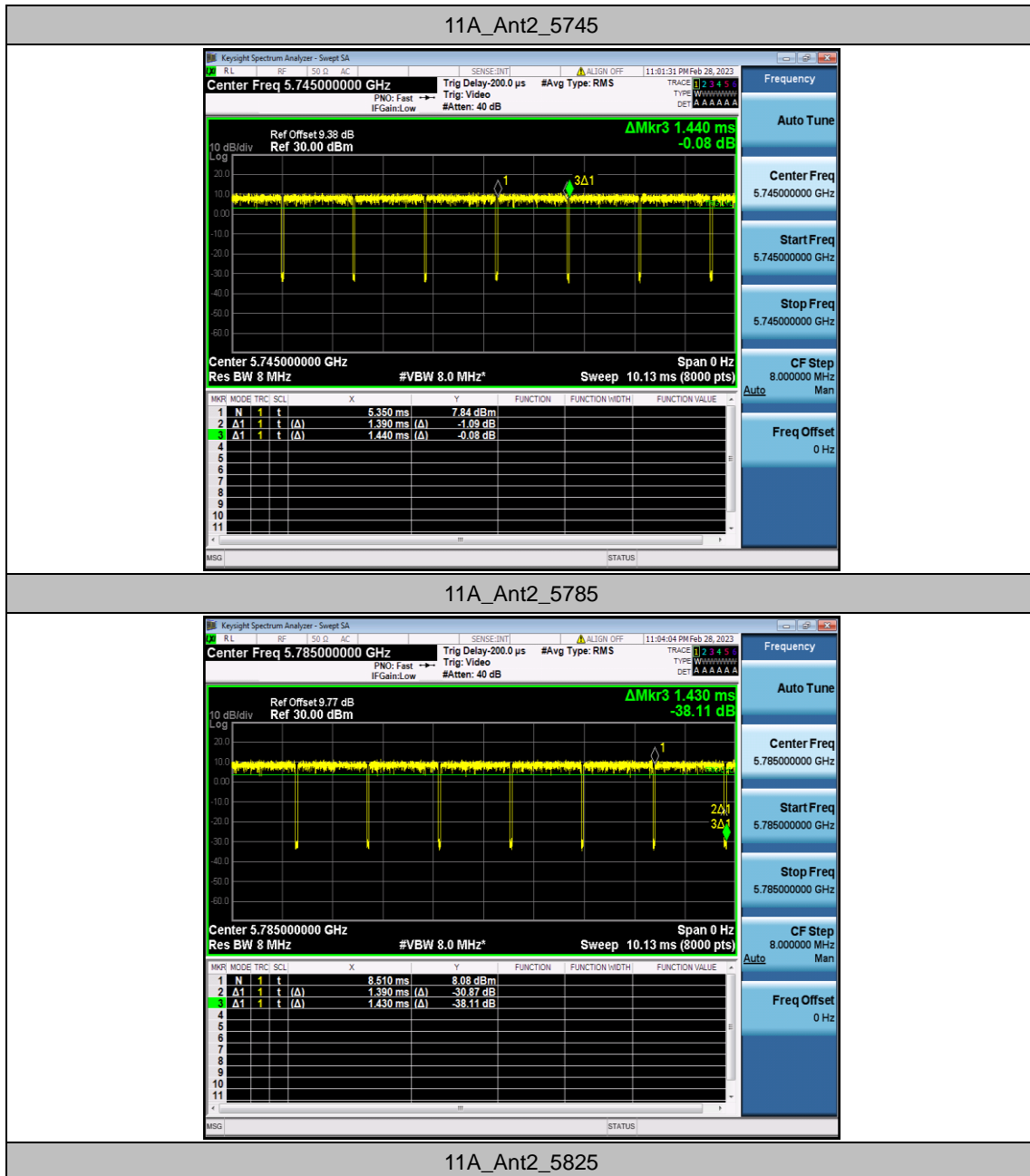


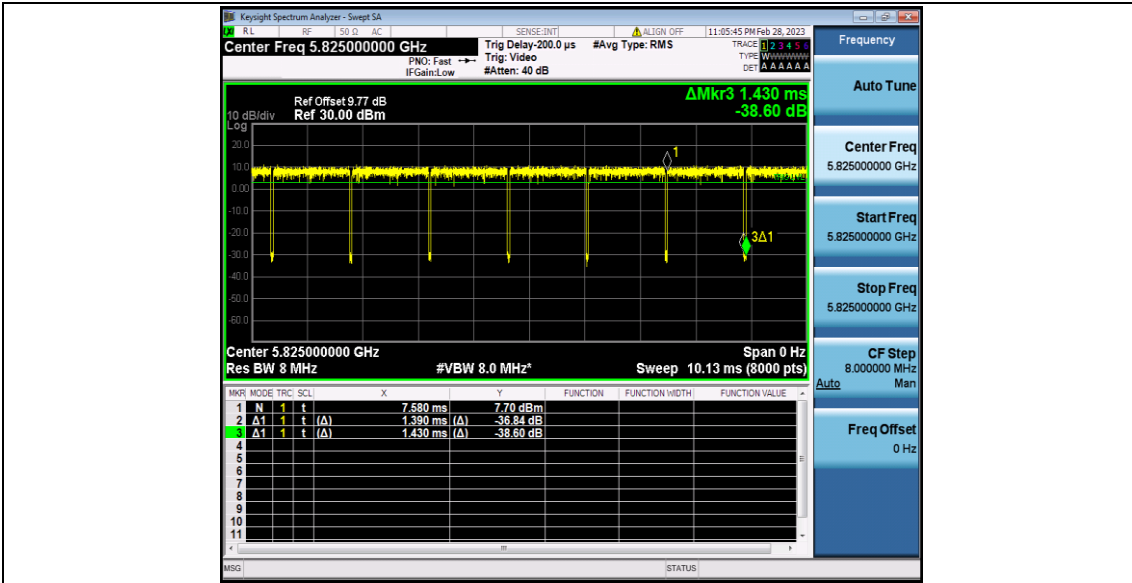
Appendix E.3: Duty Cycle

Test Result

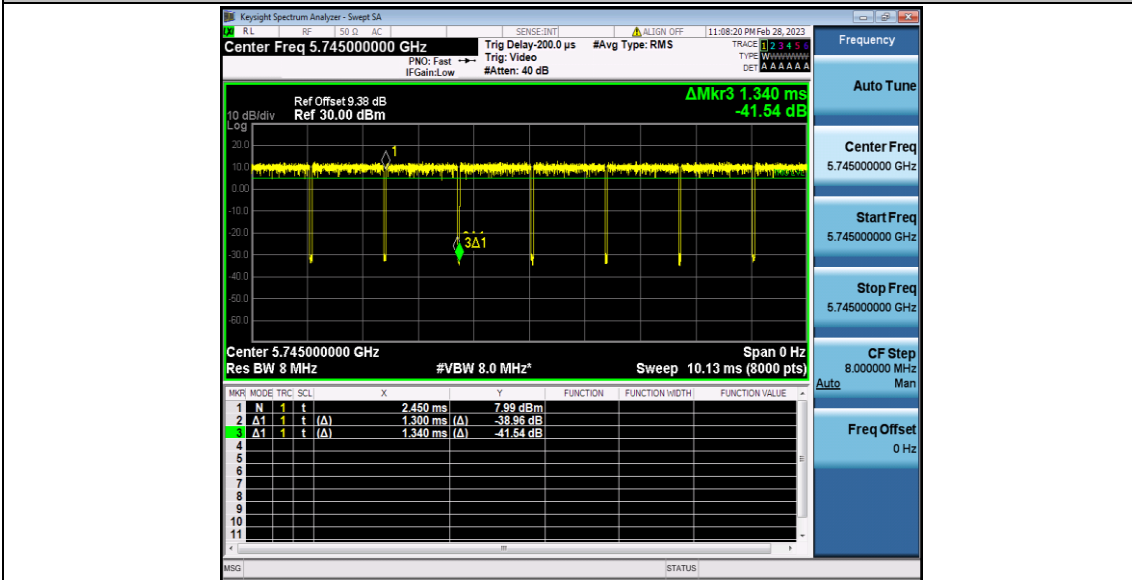
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dBm]
11A	Ant2	5745	1.39	1.44	96.53	0.15
		5785	1.39	1.43	97.20	0.12
		5825	1.39	1.43	97.20	0.12
11N20SISO	Ant2	5745	1.30	1.34	97.01	0.13
		5785	1.30	1.35	96.30	0.16
		5825	1.30	1.35	96.30	0.16
11N40SISO	Ant2	5755	0.65	0.70	92.86	0.32
		5795	0.65	0.70	92.86	0.32
11AC20SISO	Ant2	5745	1.31	1.36	96.32	0.16
		5785	1.31	1.36	96.32	0.16
		5825	1.32	1.36	97.06	0.13
11AC40SISO	Ant2	5755	0.65	0.70	92.86	0.32
		5795	0.65	0.69	94.20	0.26
11AC80SISO	Ant2	5775	0.32	0.37	86.49	0.63

Test Graphs

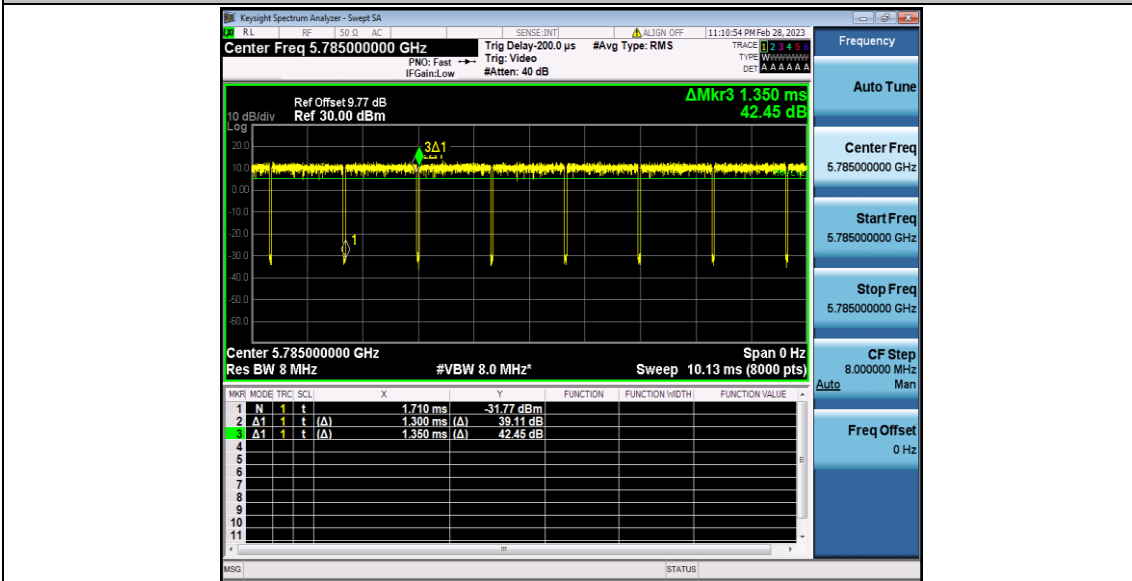




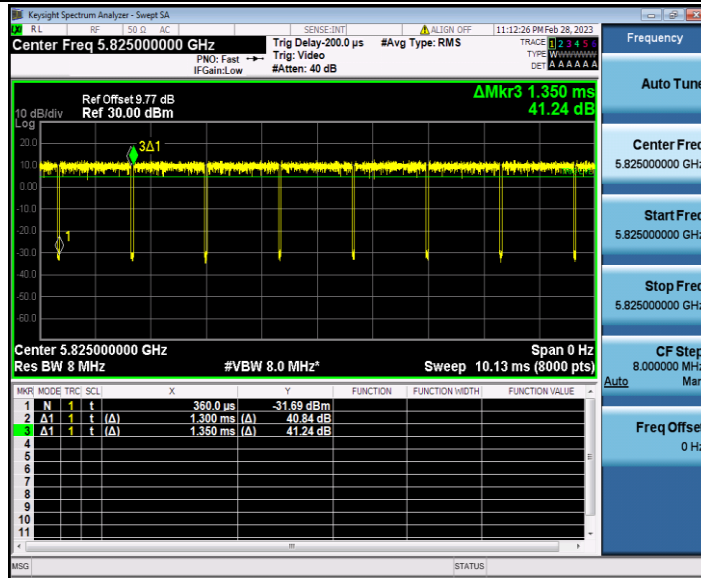
11N20SISO_Ant2_5745



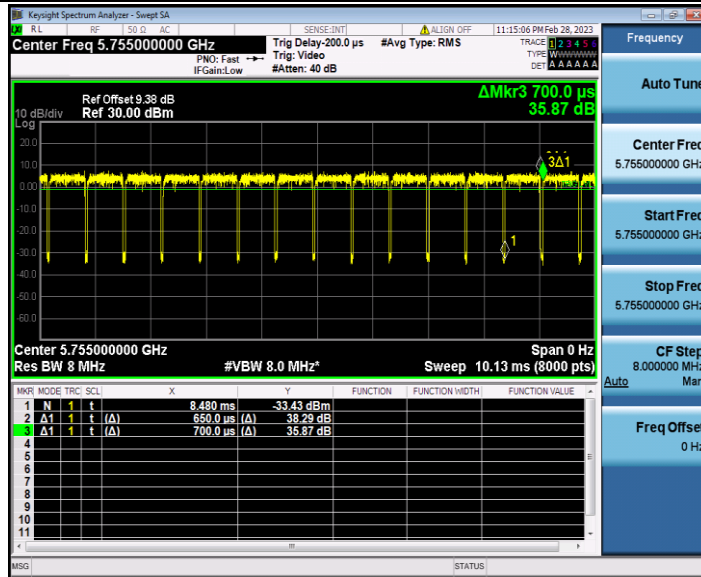
11N20SISO_Ant2_5785



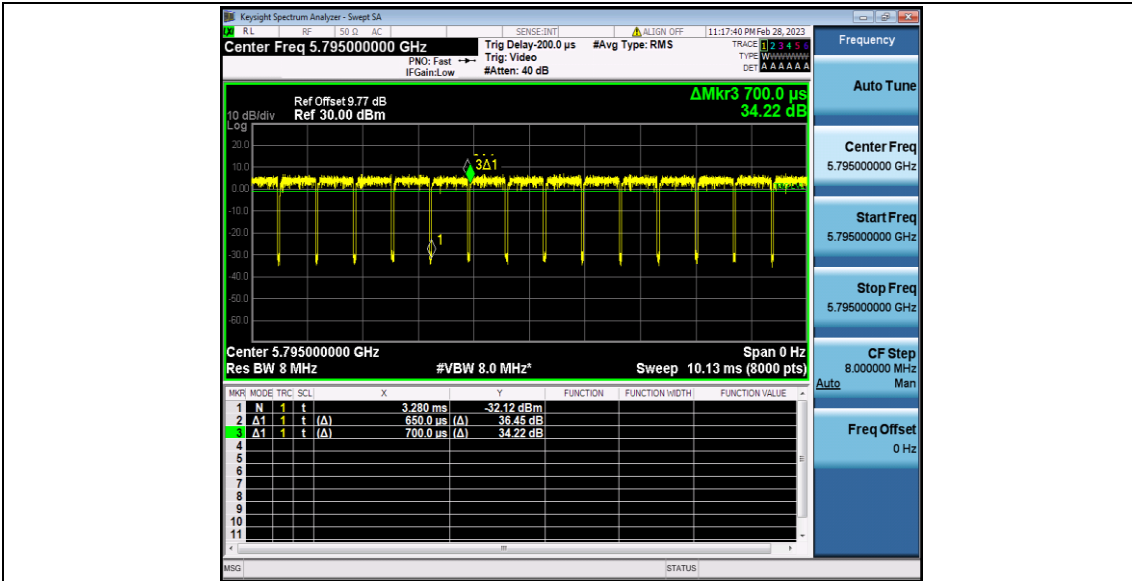
11N20SISO_Ant2_5825



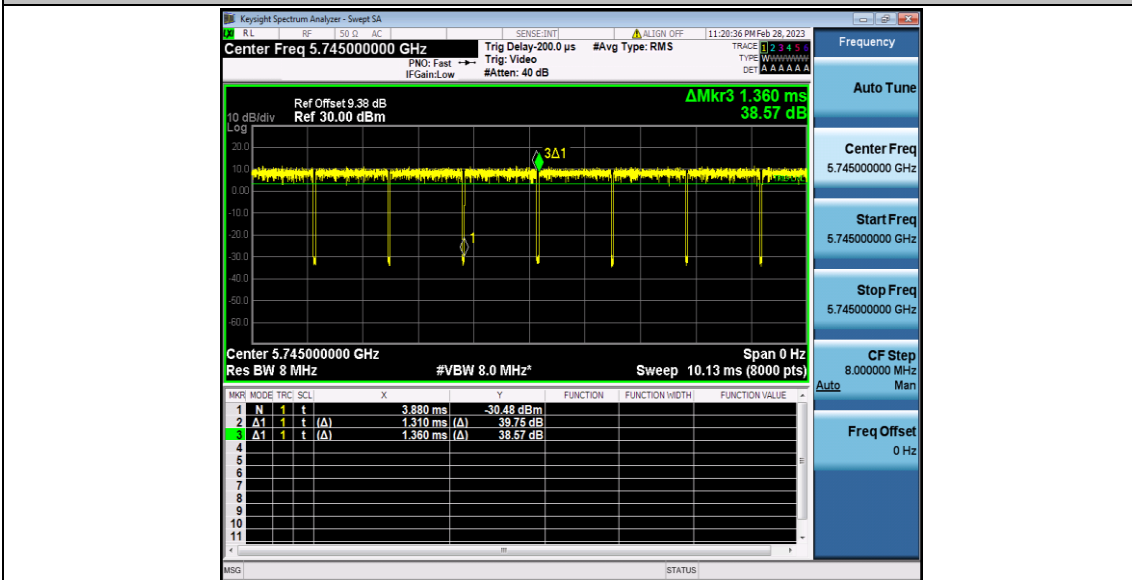
11N40SISO_Ant2_5755



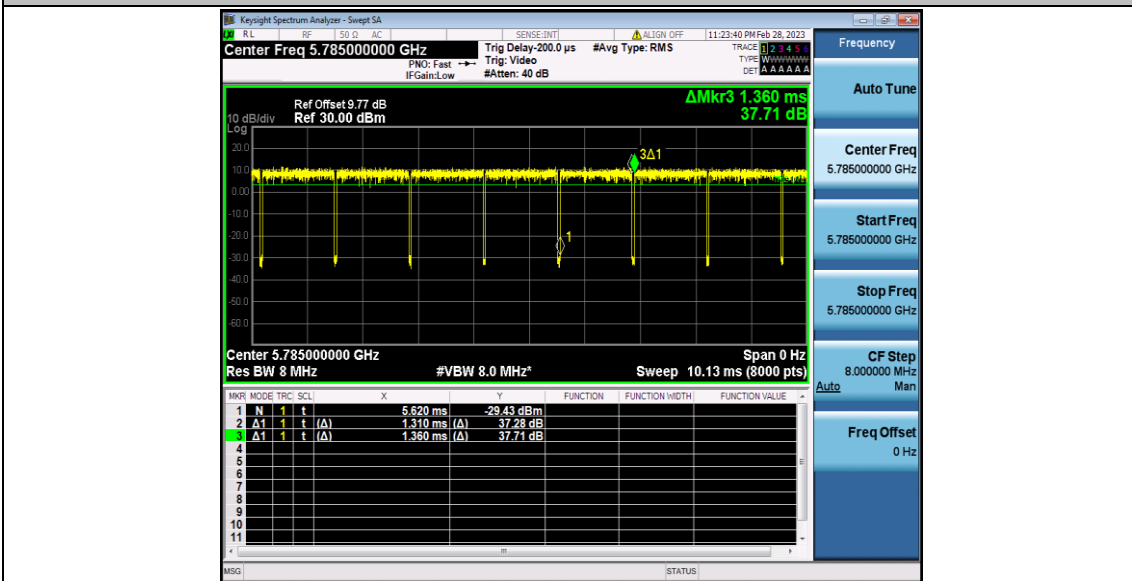
11N40SISO_Ant2_5795



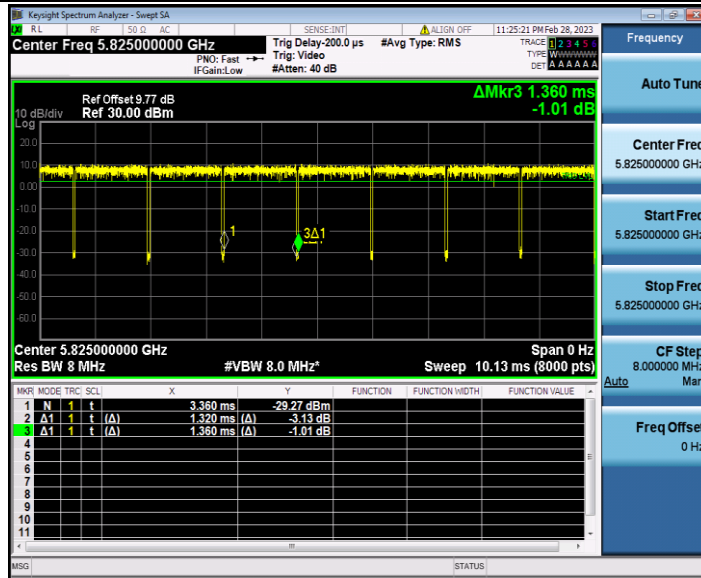
11AC20SISO_Ant2_5745



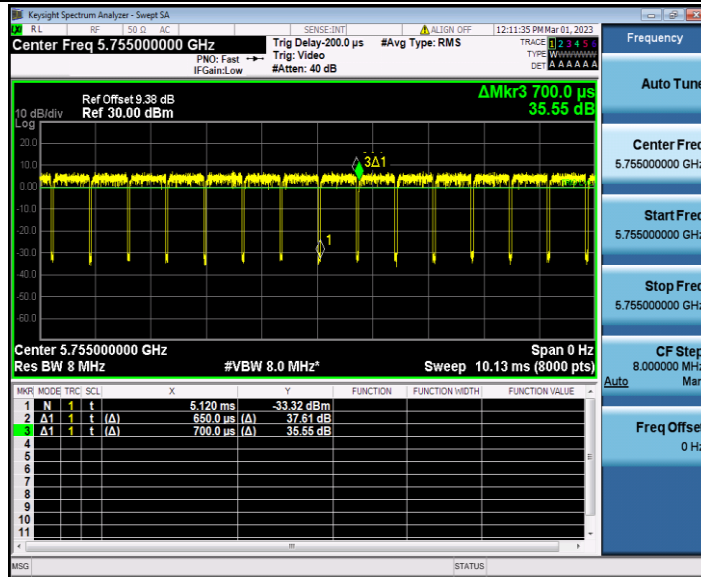
11AC20SISO_Ant2_5785



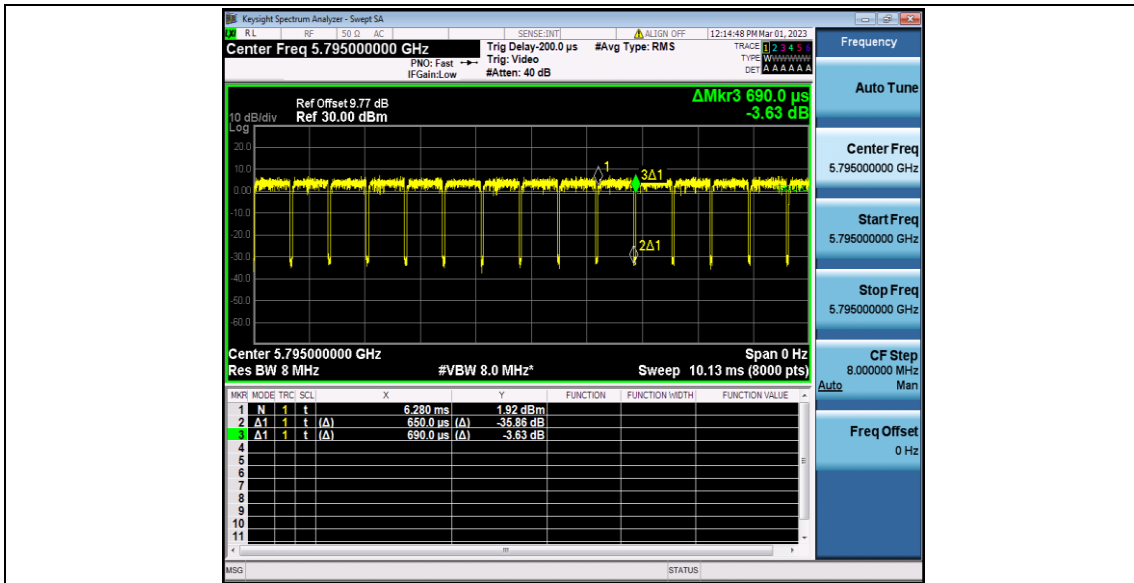
11AC20SISO_Ant2_5825



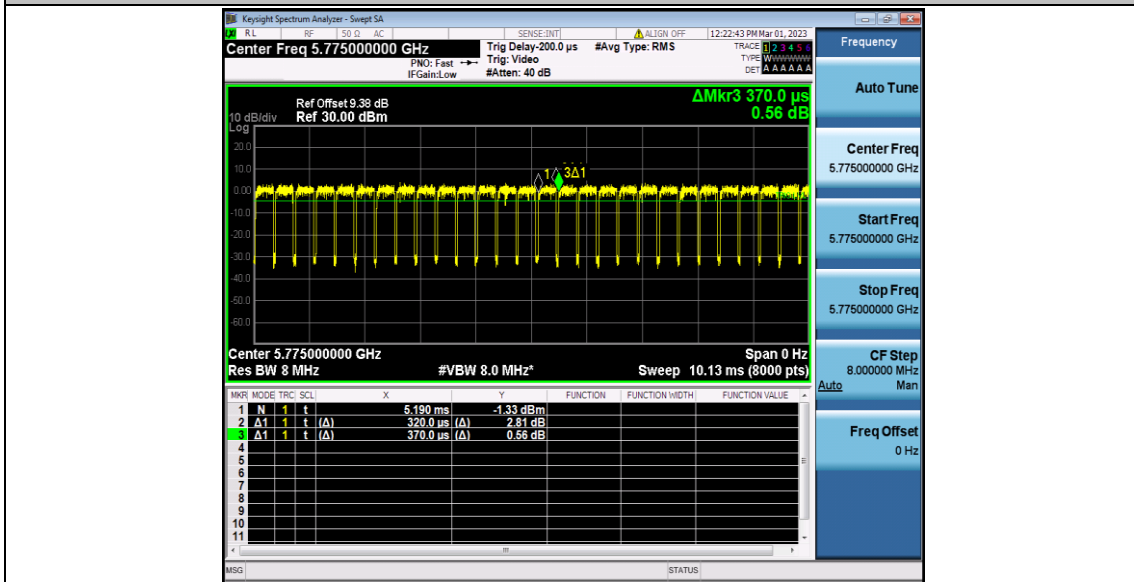
11AC40SISO_Ant2_5755



11AC40SISO_Ant2_5795



11AC80SISO_Ant2_5775



Appendix E.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency[MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant2	5745	10.54	96.53	0.15	10.69	≤30.00	PASS
		5785	10.96	97.20	0.12	11.08	≤30.00	PASS
		5825	10.52	97.20	0.12	10.64	≤30.00	PASS
11N20SISO	Ant2	5745	12.49	97.01	0.13	12.62	≤30.00	PASS
		5785	12.87	96.30	0.16	13.03	≤30.00	PASS
		5825	12.16	96.30	0.16	12.32	≤30.00	PASS
11N40SISO	Ant2	5755	9.29	92.86	0.32	9.61	≤30.00	PASS
		5795	9.23	92.86	0.32	9.55	≤30.00	PASS
11AC20SIS O	Ant2	5745	10.81	96.32	0.16	10.97	≤30.00	PASS
		5785	10.93	96.32	0.16	11.09	≤30.00	PASS
		5825	10.38	97.06	0.13	10.51	≤30.00	PASS
11AC40SIS O	Ant2	5755	9.46	92.86	0.32	9.78	≤30.00	PASS
		5795	8.75	94.20	0.26	9.01	≤30.00	PASS
11AC80SIS O	Ant2	5775	8.91	86.49	0.63	9.54	≤30.00	PASS

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

Appendix E.5: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant2	5745	-2.61	≤30.00	PASS
		5785	-2.22	≤30.00	PASS
		5825	-2.5	≤30.00	PASS
11N20SISO	Ant2	5745	-0.87	≤30.00	PASS
		5785	-0.49	≤30.00	PASS
		5825	-1.15	≤30.00	PASS
11N40SISO	Ant2	5755	-6.68	≤30.00	PASS
		5795	-6.81	≤30.00	PASS
11AC20SISO	Ant2	5745	-2.42	≤30.00	PASS
		5785	-2.07	≤30.00	PASS
		5825	-2.83	≤30.00	PASS
11AC40SISO	Ant2	5755	-6.67	≤30.00	PASS
		5795	-7.65	≤30.00	PASS
11AC80SISO	Ant2	5775	-10	≤30.00	PASS

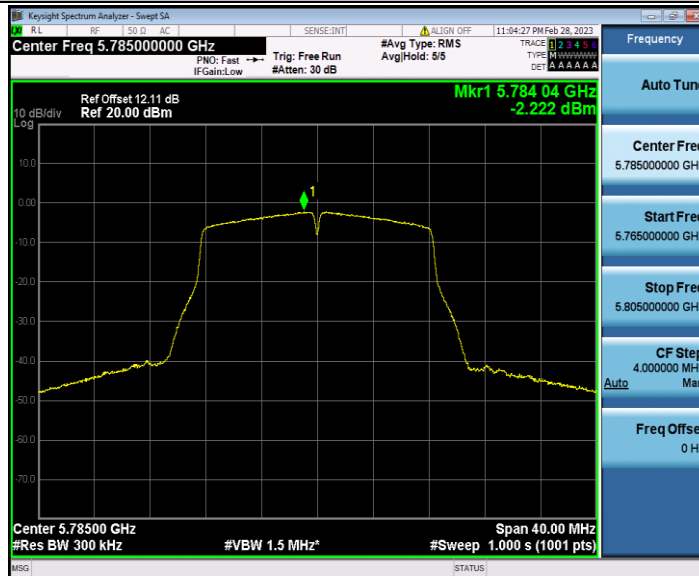
Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.
2.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

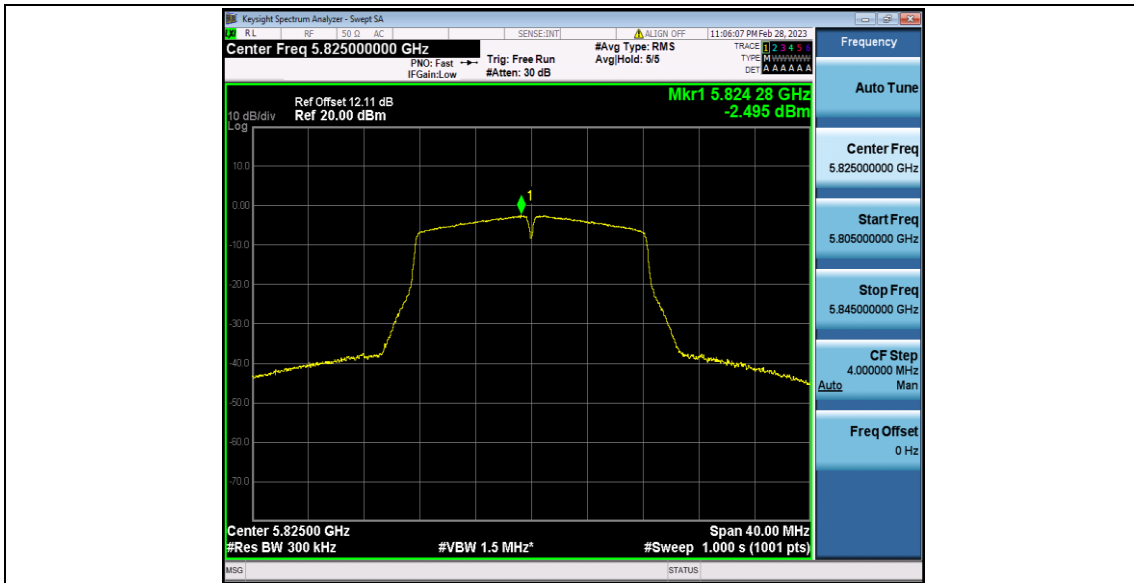
11A_Ant2_5745



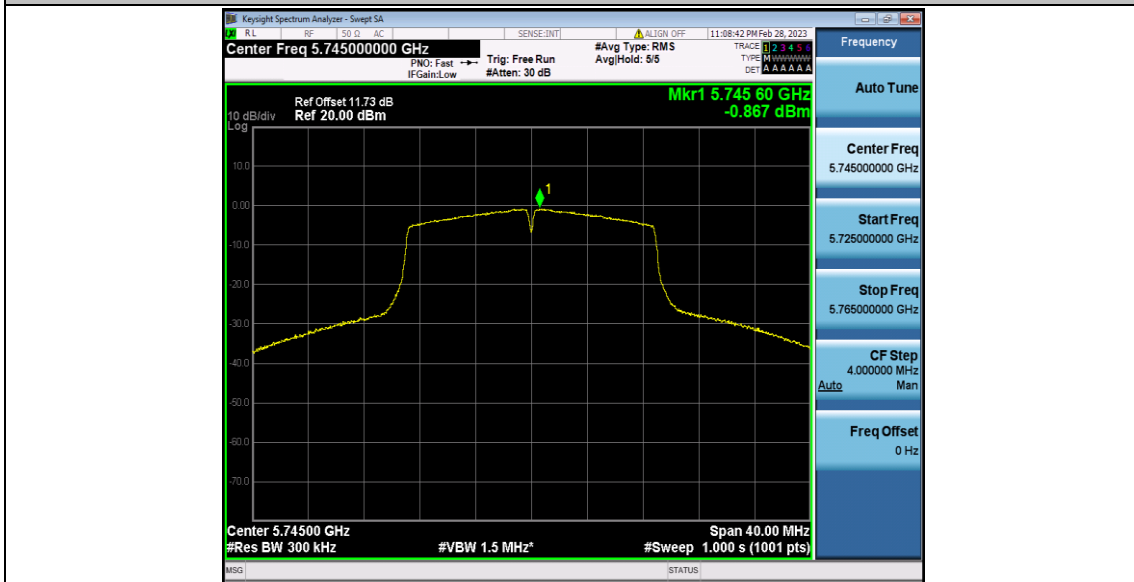
11A_Ant2_5785



11A_Ant2_5825



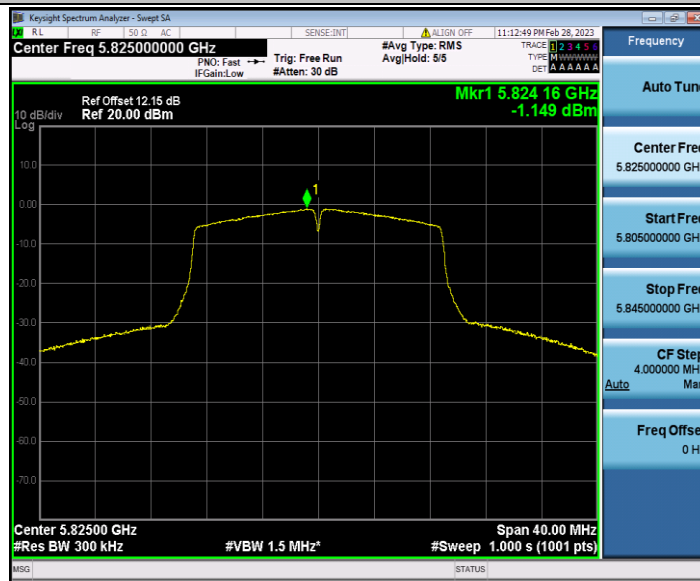
11N20SISO_Ant2_5745



11N20SISO_Ant2_5785



11N20SISO_Ant2_5825



11N40SISO_Ant2_5755



11N40SISO_Ant2_5795



11AC20SISO_Ant2_5745



11AC20SISO_Ant2_5785

