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Appendix A1: Occupied channel bandwidth

Test Result

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11A	Ant1	5745	16.827	5736.5734	5753.4009	---	---
11A	Ant2	5745	16.695	5736.6702	5753.3656	---	---
11A	Ant3	5745	16.827	5736.6089	5753.4363	---	---
11A	Ant1	5785	16.889	5776.5131	5793.4022	---	---
11A	Ant2	5785	16.72	5776.6324	5793.3519	---	---
11A	Ant3	5785	16.836	5776.5700	5793.4064	---	---
11A	Ant1	5825	17.164	5816.4446	5833.6085	---	---
11A	Ant2	5825	16.712	5816.6406	5833.3529	---	---
11A	Ant3	5825	16.744	5816.6101	5833.3538	---	---
11N20SISO	Ant1	5745	17.805	5736.1352	5753.9399	---	---
11N20SISO	Ant2	5745	17.699	5736.1652	5753.8642	---	---
11N20SISO	Ant3	5745	17.765	5736.1361	5753.9014	---	---
11N20SISO	Ant1	5785	17.816	5776.0973	5793.9136	---	---
11N20SISO	Ant2	5785	17.731	5776.1309	5793.8616	---	---
11N20SISO	Ant3	5785	17.788	5776.0921	5793.8799	---	---
11N20SISO	Ant1	5825	18.074	5815.9791	5834.0529	---	---
11N20SISO	Ant2	5825	17.72	5816.1240	5833.8445	---	---
11N20SISO	Ant3	5825	17.737	5816.1125	5833.8491	---	---
11N40SISO	Ant1	5755	36.108	5736.9362	5773.0443	---	---
11N40SISO	Ant2	5755	35.972	5737.0806	5773.0523	---	---
11N40SISO	Ant3	5755	36.073	5737.0022	5773.0755	---	---
11N40SISO	Ant1	5795	36.156	5776.8262	5812.9826	---	---
11N40SISO	Ant2	5795	36.002	5777.0321	5813.0338	---	---
11N40SISO	Ant3	5795	36.085	5776.9457	5813.0311	---	---
11AC20SISO	Ant1	5745	17.801	5736.1025	5753.9036	---	---
11AC20SISO	Ant2	5745	17.653	5736.1845	5753.8379	---	---
11AC20SISO	Ant3	5745	17.762	5736.1306	5753.8931	---	---
11AC20SISO	Ant1	5785	17.845	5776.0378	5793.8831	---	---
11AC20SISO	Ant2	5785	17.664	5776.1537	5793.8173	---	---
11AC20SISO	Ant3	5785	17.762	5776.0926	5793.8548	---	---
11AC20SISO	Ant1	5825	18.783	5815.6321	5834.4152	---	---
11AC20SISO	Ant2	5825	17.664	5816.1570	5833.8215	---	---
11AC20SISO	Ant3	5825	17.688	5816.1187	5833.8067	---	---
11AC40SISO	Ant1	5755	36.064	5736.9099	5772.9735	---	---
11AC40SISO	Ant2	5755	35.959	5737.0868	5773.0458	---	---

11AC40SISO	Ant3	5755	36.067	5737.0017	5773.0690	---	---
11AC40SISO	Ant1	5795	36.189	5776.7675	5812.9567	---	---
11AC40SISO	Ant2	5795	35.989	5777.0402	5813.0289	---	---
11AC40SISO	Ant3	5795	36.067	5776.9395	5813.0063	---	---
11AC80SISO	Ant1	5775	75.512	5736.9186	5812.4302	---	---
11AC80SISO	Ant2	5775	75.541	5737.3514	5812.8926	---	---
11AC80SISO	Ant3	5775	75.506	5737.2374	5812.7429	---	---
11AX20SISO	Ant1	5745	19.01	5735.4959	5754.5064	---	---
11AX20SISO	Ant2	5745	18.951	5735.5178	5754.4688	---	---
11AX20SISO	Ant3	5745	18.987	5735.4903	5754.4775	---	---
11AX20SISO	Ant1	5785	19.023	5775.4490	5794.4716	---	---
11AX20SISO	Ant2	5785	18.968	5775.5024	5794.4705	---	---
11AX20SISO	Ant3	5785	18.986	5775.4821	5794.4677	---	---
11AX20SISO	Ant1	5825	19.323	5815.3259	5834.6491	---	---
11AX20SISO	Ant2	5825	18.934	5815.5168	5834.4505	---	---
11AX20SISO	Ant3	5825	18.972	5815.4821	5834.4539	---	---
11AX40SISO	Ant1	5755	37.765	5736.0608	5773.8260	---	---
11AX40SISO	Ant2	5755	37.717	5736.1550	5773.8720	---	---
11AX40SISO	Ant3	5755	37.806	5736.0942	5773.9003	---	---
11AX40SISO	Ant1	5795	37.909	5775.9719	5813.8805	---	---
11AX40SISO	Ant2	5795	37.755	5776.1638	5813.9183	---	---
11AX40SISO	Ant3	5795	37.845	5776.0685	5813.9133	---	---
11AX80SISO	Ant1	5775	77.153	5736.0851	5813.2385	---	---
11AX80SISO	Ant2	5775	77.249	5736.4569	5813.7056	---	---
11AX80SISO	Ant3	5775	77.446	5736.3081	5813.7542	---	---
11BE20SISO	Ant1	5745	19.051	5735.4500	5754.5014	---	---
11BE20SISO	Ant2	5745	18.952	5735.5225	5754.4740	---	---
11BE20SISO	Ant3	5745	18.953	5735.5041	5754.4568	---	---
11BE20SISO	Ant1	5785	19.1	5775.4106	5794.5103	---	---
11BE20SISO	Ant2	5785	18.955	5775.5163	5794.4710	---	---
11BE20SISO	Ant3	5785	19.004	5775.4711	5794.4752	---	---
11BE20SISO	Ant1	5825	22.227	5813.5868	5835.8143	---	---
11BE20SISO	Ant2	5825	18.954	5815.5153	5834.4698	---	---
11BE20SISO	Ant3	5825	18.995	5815.4677	5834.4629	---	---
11BE40SISO	Ant1	5755	37.887	5735.9813	5773.8683	---	---
11BE40SISO	Ant2	5755	37.727	5736.1826	5773.9100	---	---
11BE40SISO	Ant3	5755	37.808	5736.1085	5773.9167	---	---
11BE40SISO	Ant1	5795	38.24	5775.7196	5813.9598	---	---
11BE40SISO	Ant2	5795	37.762	5776.1617	5813.9240	---	---
11BE40SISO	Ant3	5795	37.788	5776.0441	5813.8324	---	---
11BE80SISO	Ant1	5775	77.527	5735.8143	5813.3412	---	---

11BE80SISO	Ant2	5775	77.312	5736.4879	5813.7998	---	---
11BE80SISO	Ant3	5775	77.493	5736.3408	5813.8335	---	---

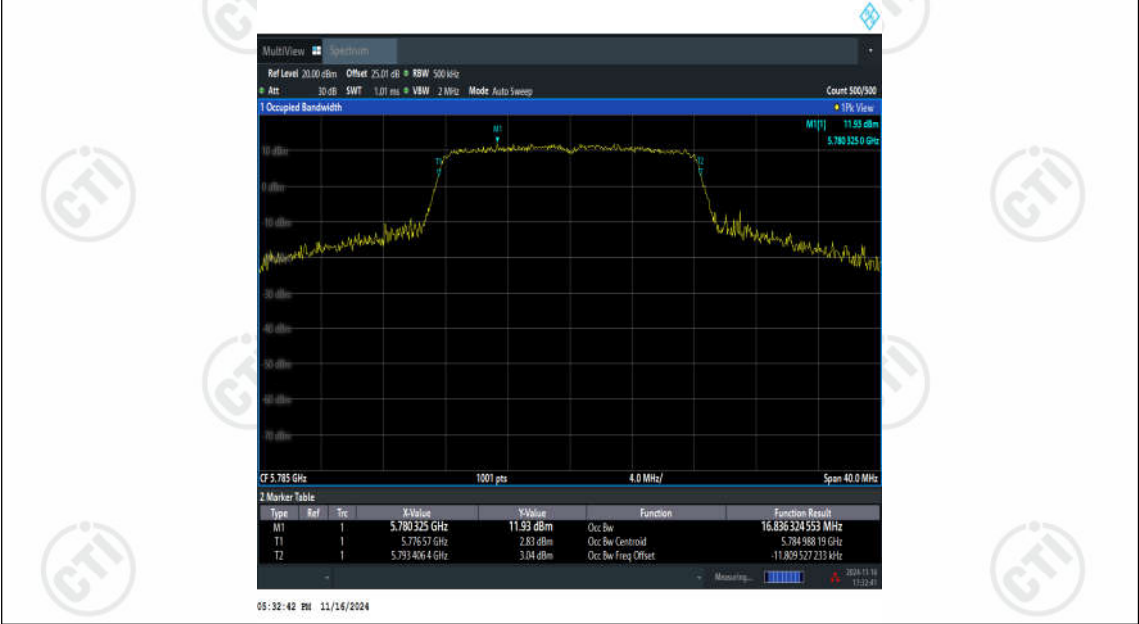
Test Graphs







11A-Ant2-5785



11A-Ant3-5785



11A-Ant1-5825



11A-Ant2-5825









11N20SISO-Ant3-5785



11N20SISO-Ant1-5825



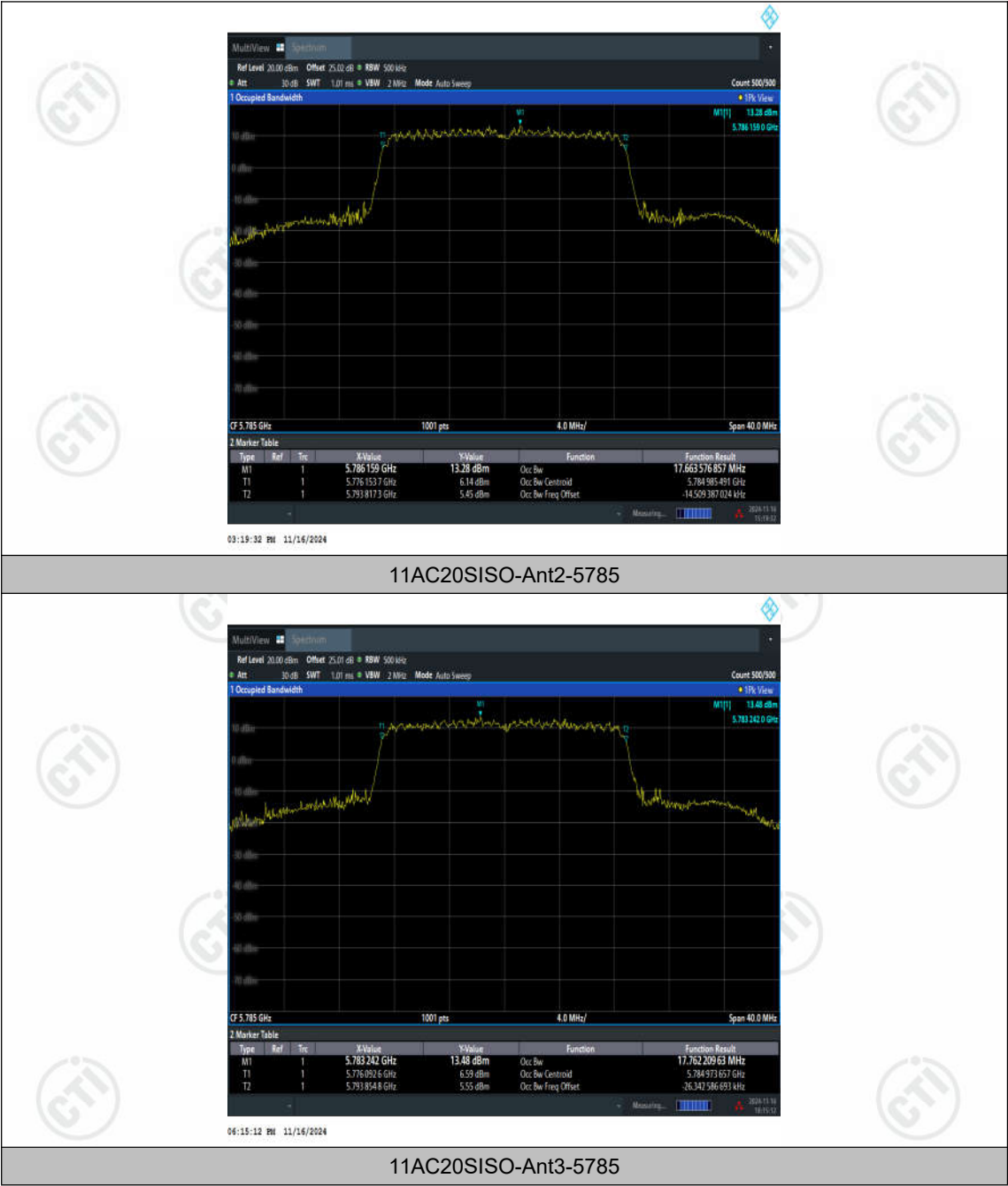
















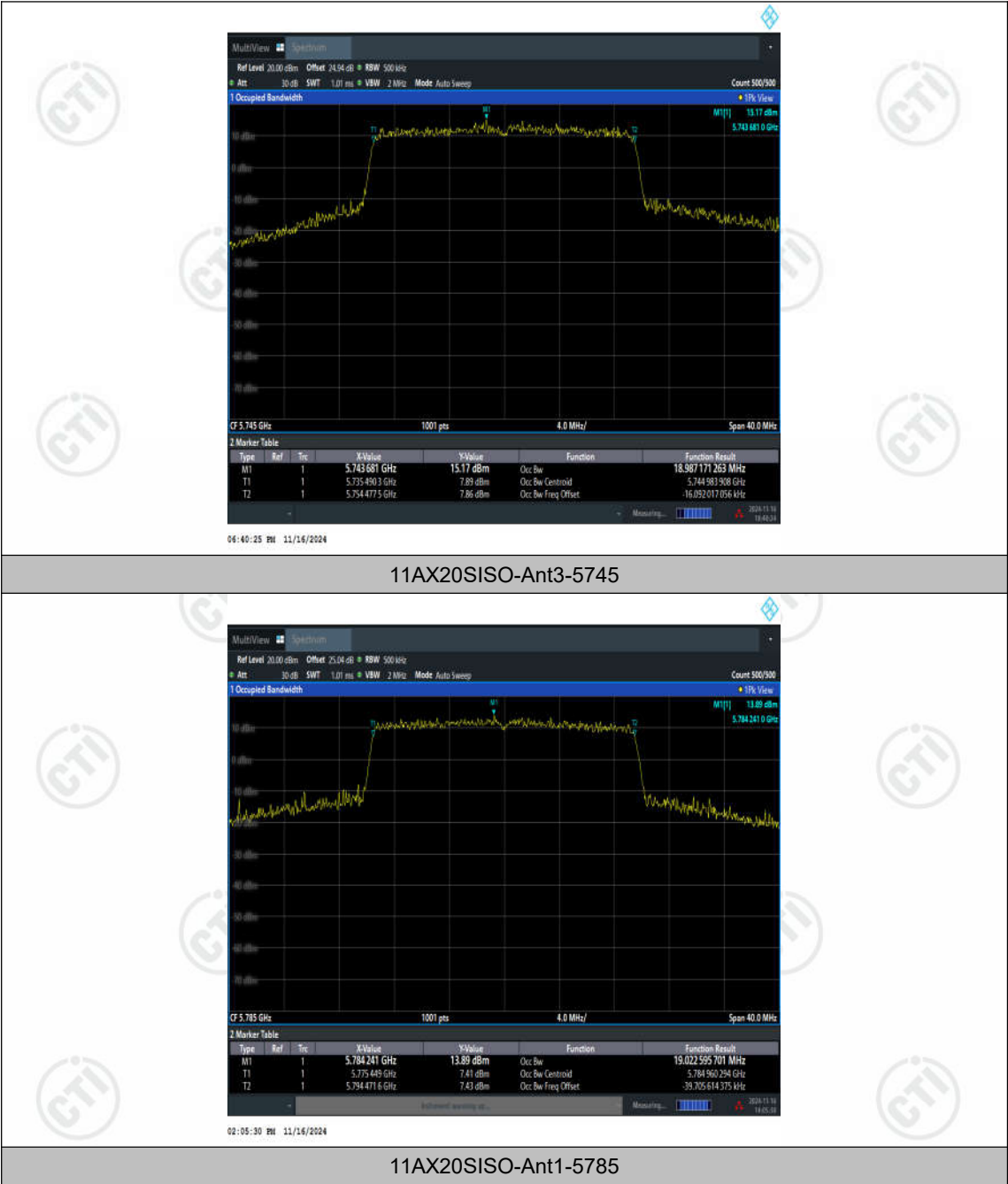


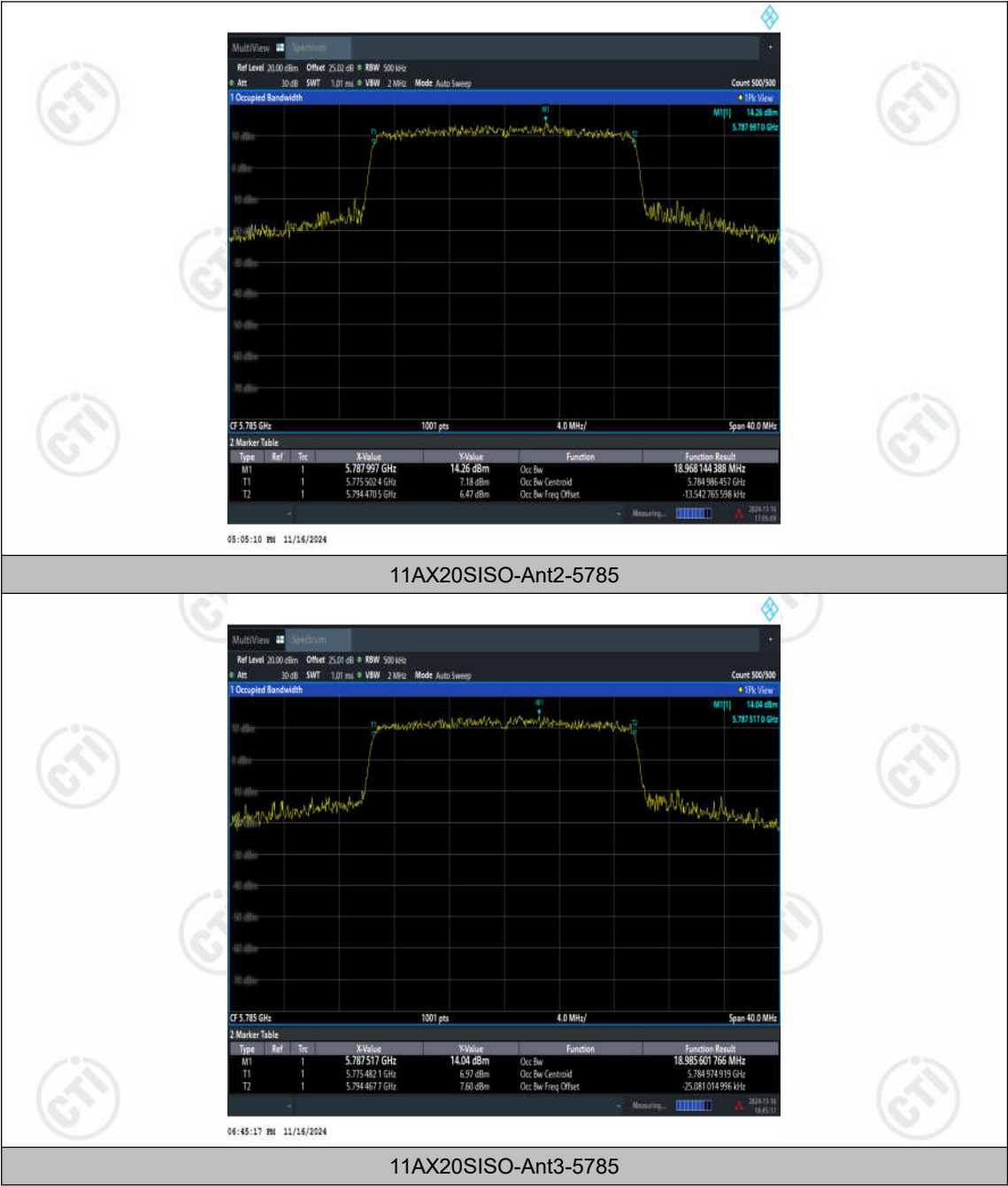




















11AX40SISO-Ant1-5795



11AX40SISO-Ant2-5795





Appendix A2: Min emission bandwidth

Test Result B4

TestMode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.24	5736.80	5753.04	≥0.5	PASS
11A	Ant2	5745	16.36	5736.80	5753.16	≥0.5	PASS
11A	Ant3	5745	16.32	5736.80	5753.12	≥0.5	PASS
11A	Ant1	5785	16.32	5776.80	5793.12	≥0.5	PASS
11A	Ant2	5785	16.36	5776.80	5793.16	≥0.5	PASS
11A	Ant3	5785	16.32	5776.80	5793.12	≥0.5	PASS
11A	Ant1	5825	16.36	5816.88	5833.24	≥0.5	PASS
11A	Ant2	5825	16.32	5816.84	5833.16	≥0.5	PASS
11A	Ant3	5825	16.36	5816.80	5833.16	≥0.5	PASS
11N20SISO	Ant1	5745	17.44	5736.28	5753.72	≥0.5	PASS
11N20SISO	Ant2	5745	17.48	5736.24	5753.72	≥0.5	PASS
11N20SISO	Ant3	5745	17.40	5736.24	5753.64	≥0.5	PASS
11N20SISO	Ant1	5785	17.44	5776.24	5793.68	≥0.5	PASS
11N20SISO	Ant2	5785	17.40	5776.24	5793.64	≥0.5	PASS
11N20SISO	Ant3	5785	17.40	5776.24	5793.64	≥0.5	PASS
11N20SISO	Ant1	5825	17.56	5816.24	5833.80	≥0.5	PASS
11N20SISO	Ant2	5825	17.48	5816.28	5833.76	≥0.5	PASS
11N20SISO	Ant3	5825	17.44	5816.24	5833.68	≥0.5	PASS
11N40SISO	Ant1	5755	35.60	5737.08	5772.68	≥0.5	PASS
11N40SISO	Ant2	5755	35.28	5737.40	5772.68	≥0.5	PASS
11N40SISO	Ant3	5755	35.52	5737.24	5772.76	≥0.5	PASS
11N40SISO	Ant1	5795	35.76	5777.00	5812.76	≥0.5	PASS
11N40SISO	Ant2	5795	35.36	5777.40	5812.76	≥0.5	PASS
11N40SISO	Ant3	5795	35.52	5777.24	5812.76	≥0.5	PASS
11AC20SISO	Ant1	5745	17.44	5736.20	5753.64	≥0.5	PASS
11AC20SISO	Ant2	5745	17.56	5736.20	5753.76	≥0.5	PASS
11AC20SISO	Ant3	5745	17.52	5736.20	5753.72	≥0.5	PASS
11AC20SISO	Ant1	5785	17.44	5776.20	5793.64	≥0.5	PASS
11AC20SISO	Ant2	5785	17.60	5776.20	5793.80	≥0.5	PASS
11AC20SISO	Ant3	5785	17.56	5776.20	5793.76	≥0.5	PASS
11AC20SISO	Ant1	5825	17.28	5816.28	5833.56	≥0.5	PASS
11AC20SISO	Ant2	5825	17.52	5816.24	5833.76	≥0.5	PASS
11AC20SISO	Ant3	5825	17.52	5816.20	5833.72	≥0.5	PASS
11AC40SISO	Ant1	5755	35.52	5737.16	5772.68	≥0.5	PASS
11AC40SISO	Ant2	5755	35.52	5737.24	5772.76	≥0.5	PASS
11AC40SISO	Ant3	5755	35.36	5737.32	5772.68	≥0.5	PASS

11AC40SISO	Ant1	5795	35.44	5777.16	5812.60	≥0.5	PASS
11AC40SISO	Ant2	5795	35.44	5777.32	5812.76	≥0.5	PASS
11AC40SISO	Ant3	5795	35.44	5777.24	5812.68	≥0.5	PASS
11AC80SISO	Ant1	5775	74.72	5736.92	5811.64	≥0.5	PASS
11AC80SISO	Ant2	5775	75.36	5737.40	5812.76	≥0.5	PASS
11AC80SISO	Ant3	5775	74.88	5737.40	5812.28	≥0.5	PASS
11AX20SISO	Ant1	5745	18.96	5735.52	5754.48	≥0.5	PASS
11AX20SISO	Ant2	5745	18.96	5735.52	5754.48	≥0.5	PASS
11AX20SISO	Ant3	5745	18.92	5735.52	5754.44	≥0.5	PASS
11AX20SISO	Ant1	5785	18.88	5775.56	5794.44	≥0.5	PASS
11AX20SISO	Ant2	5785	18.96	5775.52	5794.48	≥0.5	PASS
11AX20SISO	Ant3	5785	18.96	5775.52	5794.48	≥0.5	PASS
11AX20SISO	Ant1	5825	18.96	5815.52	5834.48	≥0.5	PASS
11AX20SISO	Ant2	5825	18.96	5815.52	5834.48	≥0.5	PASS
11AX20SISO	Ant3	5825	19.00	5815.48	5834.48	≥0.5	PASS
11AX40SISO	Ant1	5755	37.36	5736.12	5773.48	≥0.5	PASS
11AX40SISO	Ant2	5755	37.52	5736.20	5773.72	≥0.5	PASS
11AX40SISO	Ant3	5755	37.68	5736.12	5773.80	≥0.5	PASS
11AX40SISO	Ant1	5795	37.52	5776.04	5813.56	≥0.5	PASS
11AX40SISO	Ant2	5795	37.12	5776.60	5813.72	≥0.5	PASS
11AX40SISO	Ant3	5795	37.28	5776.12	5813.40	≥0.5	PASS
11AX80SISO	Ant1	5775	76.16	5736.28	5812.44	≥0.5	PASS
11AX80SISO	Ant2	5775	76.80	5736.76	5813.56	≥0.5	PASS
11AX80SISO	Ant3	5775	76.80	5736.44	5813.24	≥0.5	PASS
11BE20SISO	Ant1	5745	18.92	5735.52	5754.44	≥0.5	PASS
11BE20SISO	Ant2	5745	18.96	5735.52	5754.48	≥0.5	PASS
11BE20SISO	Ant3	5745	15.12	5734.92	5750.04	≥0.5	PASS
11BE20SISO	Ant1	5785	18.96	5775.52	5794.48	≥0.5	PASS
11BE20SISO	Ant2	5785	19.04	5775.48	5794.52	≥0.5	PASS
11BE20SISO	Ant3	5785	19.00	5775.48	5794.48	≥0.5	PASS
11BE20SISO	Ant1	5825	18.92	5815.52	5834.44	≥0.5	PASS
11BE20SISO	Ant2	5825	18.96	5815.52	5834.48	≥0.5	PASS
11BE20SISO	Ant3	5825	19.00	5815.48	5834.48	≥0.5	PASS
11BE40SISO	Ant1	5755	36.00	5736.20	5772.20	≥0.5	PASS
11BE40SISO	Ant2	5755	37.12	5736.28	5773.40	≥0.5	PASS
11BE40SISO	Ant3	5755	37.12	5736.28	5773.40	≥0.5	PASS
11BE40SISO	Ant1	5795	36.24	5776.36	5812.60	≥0.5	PASS
11BE40SISO	Ant2	5795	37.20	5776.44	5813.64	≥0.5	PASS
11BE40SISO	Ant3	5795	37.44	5776.28	5813.72	≥0.5	PASS
11BE80SISO	Ant1	5775	74.72	5735.96	5810.68	≥0.5	PASS
11BE80SISO	Ant2	5775	76.64	5736.60	5813.24	≥0.5	PASS

11BE80SISO	Ant3	5775	76.64	5736.92	5813.56	≥0.5	PASS
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Test Graphs B4









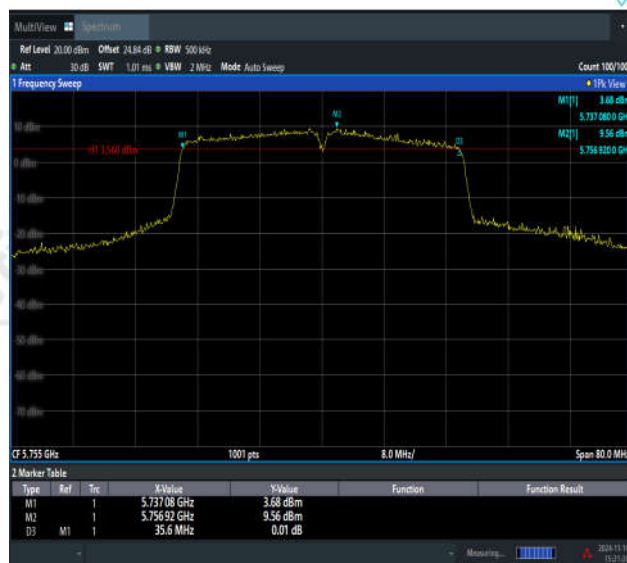






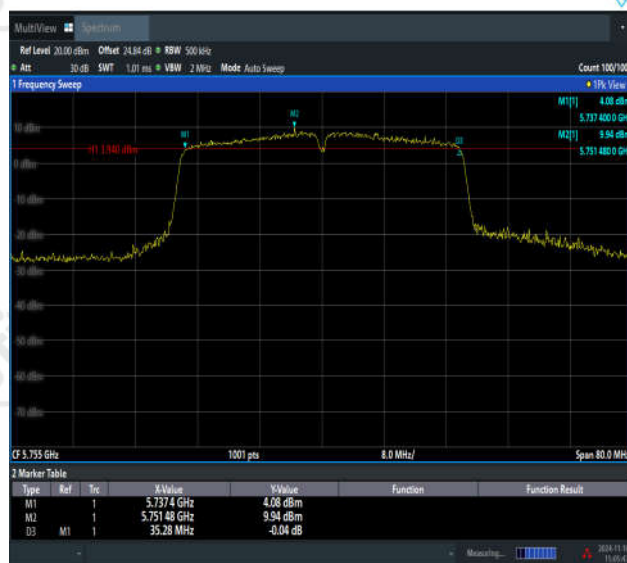






03:21:29 PM 11/14/2024

11N40SISO-Ant1-5755-PASS



03:05:44 PM 11/16/2024

11N40SISO-Ant2-5755-PASS











11AC20SISO-Ant2-5785-PASS



11AC20SISO-Ant3-5785-PASS



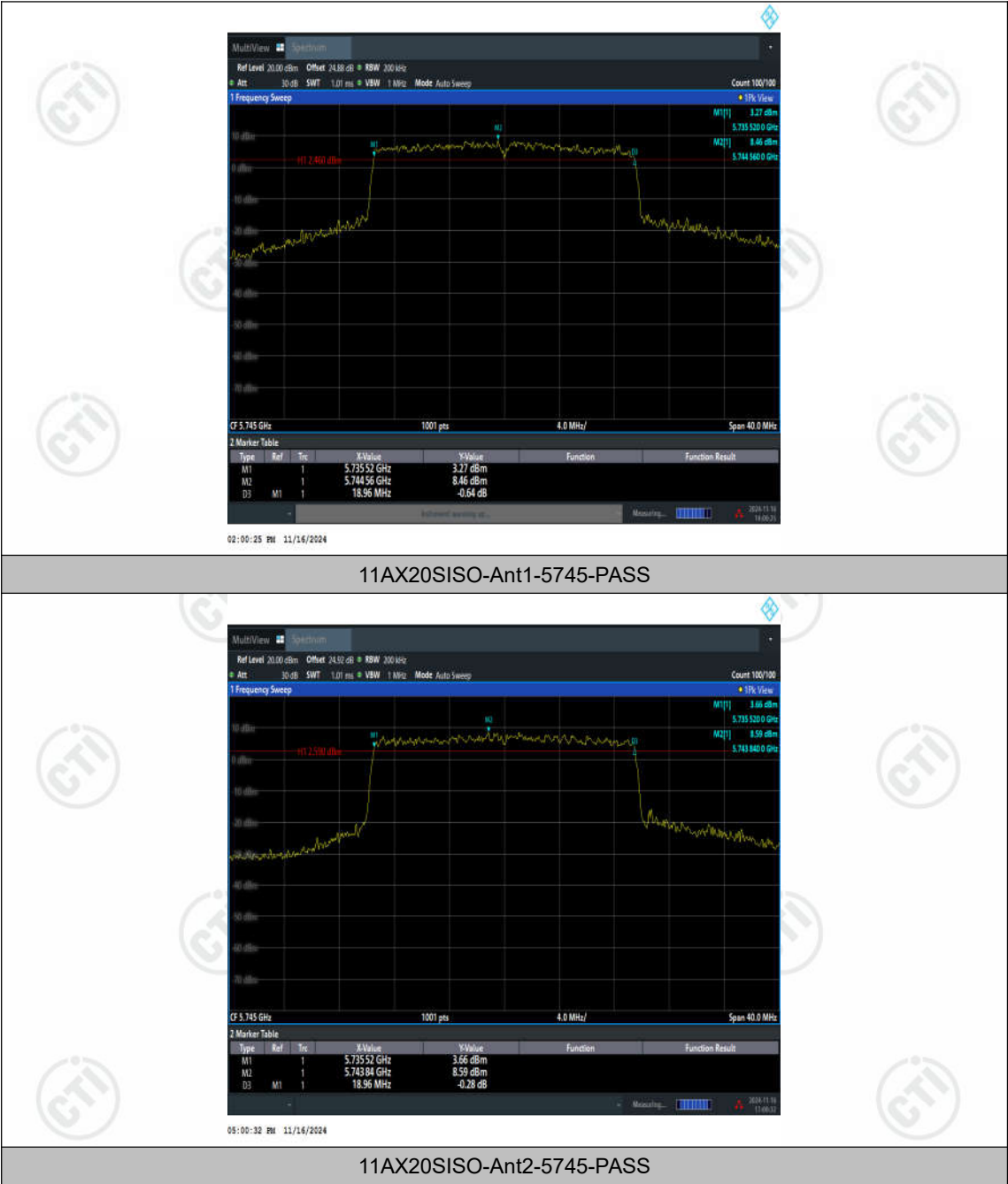










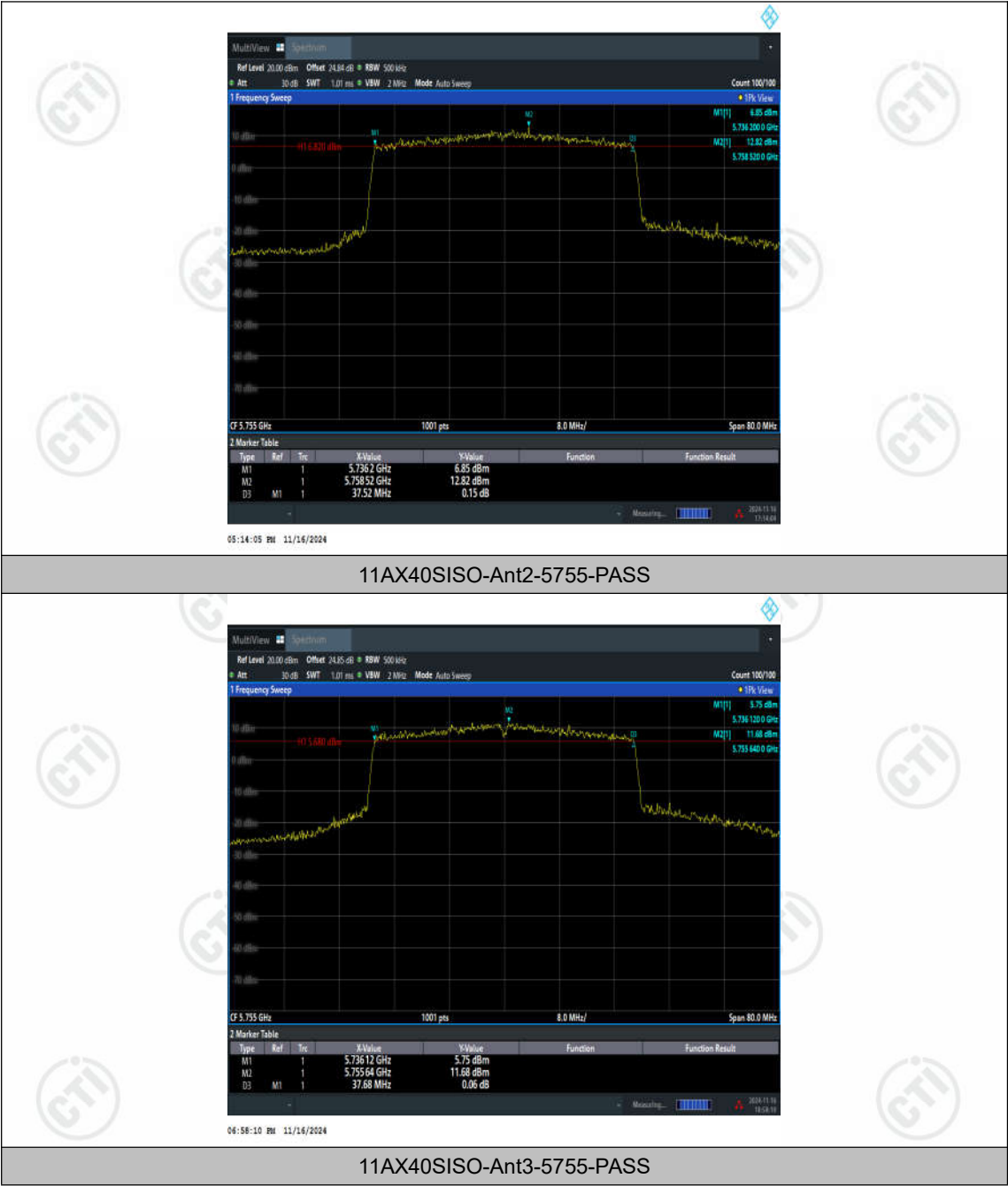










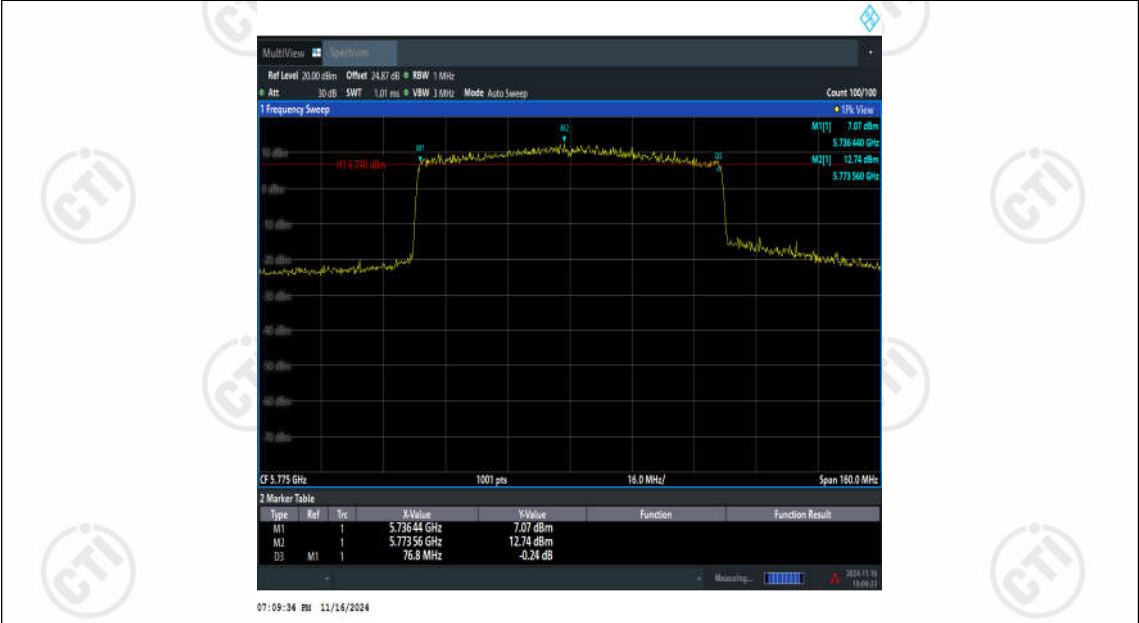








11AX80SISO-Ant2-5775-PASS



11AX80SISO-Ant3-5775-PASS













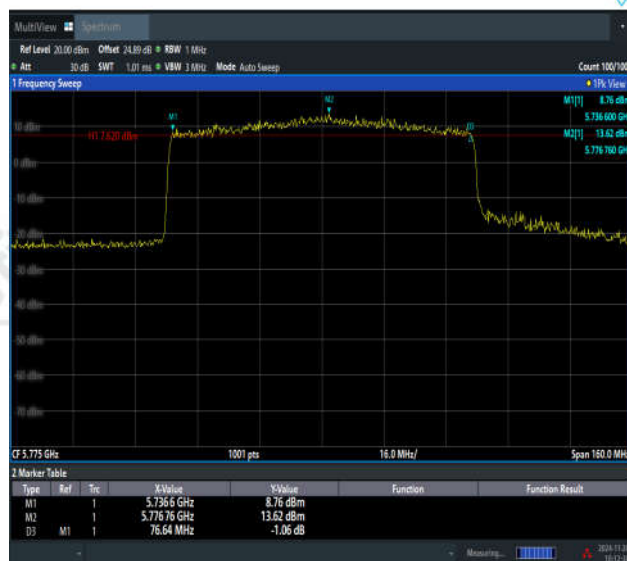
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11BE40SISO-Ant3-5755-PASS

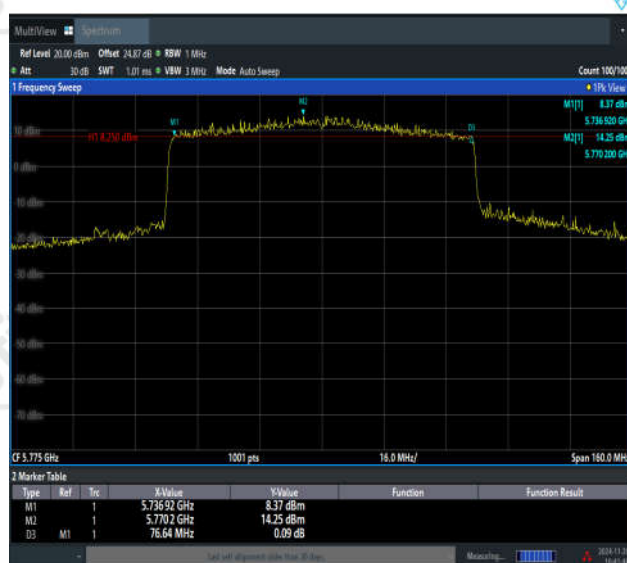






10:12:31 AM 11/20/2024

11BE80SISO-Ant2-5775-PASS



10:41:49 AM 11/20/2024

11BE80SISO-Ant3-5775-PASS

Appendix B: Duty Cycle**Test Result**

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
11A	Ant1	5745	1.39	1.46	95.21	0.21
11A	Ant2	5745	1.40	1.46	95.89	0.18
11A	Ant3	5745	1.39	1.46	95.21	0.21
11A	Ant1	5785	1.39	1.45	95.86	0.18
11A	Ant2	5785	1.39	1.45	95.86	0.18
11A	Ant3	5785	1.39	1.45	95.86	0.18
11A	Ant1	5825	1.40	1.46	95.89	0.18
11A	Ant2	5825	1.40	1.46	95.89	0.18
11A	Ant3	5825	1.39	1.46	95.21	0.21
11N20SISO	Ant1	5745	1.31	1.37	95.62	0.19
11N20SISO	Ant2	5745	1.31	1.37	95.62	0.19
11N20SISO	Ant3	5745	1.31	1.37	95.62	0.19
11N20SISO	Ant1	5785	1.31	1.37	95.62	0.19
11N20SISO	Ant2	5785	1.31	1.37	95.62	0.19
11N20SISO	Ant3	5785	1.31	1.37	95.62	0.19
11N20SISO	Ant1	5825	1.31	1.37	95.62	0.19
11N20SISO	Ant2	5825	1.31	1.37	95.62	0.19
11N20SISO	Ant3	5825	1.31	1.37	95.62	0.19
11N40SISO	Ant1	5755	0.65	0.71	91.55	0.38
11N40SISO	Ant2	5755	0.65	0.71	91.55	0.38
11N40SISO	Ant3	5755	0.65	0.71	91.55	0.38
11N40SISO	Ant1	5795	0.65	0.71	91.55	0.38
11N40SISO	Ant2	5795	0.65	0.71	91.55	0.38
11N40SISO	Ant3	5795	0.65	0.71	91.55	0.38
11AC20SISO	Ant1	5745	0.48	0.54	88.89	0.51
11AC20SISO	Ant2	5745	0.47	0.53	88.68	0.52
11AC20SISO	Ant3	5745	0.48	0.54	88.89	0.51
11AC20SISO	Ant1	5785	0.48	0.54	88.89	0.51
11AC20SISO	Ant2	5785	0.48	0.54	88.89	0.51
11AC20SISO	Ant3	5785	0.48	0.54	88.89	0.51
11AC20SISO	Ant1	5825	0.48	0.54	88.89	0.51
11AC20SISO	Ant2	5825	0.47	0.54	87.04	0.60
11AC20SISO	Ant3	5825	0.48	0.54	88.89	0.51
11AC40SISO	Ant1	5755	0.26	0.32	81.25	0.90
11AC40SISO	Ant2	5755	0.25	0.32	78.13	1.07
11AC40SISO	Ant3	5755	0.25	0.31	80.65	0.93

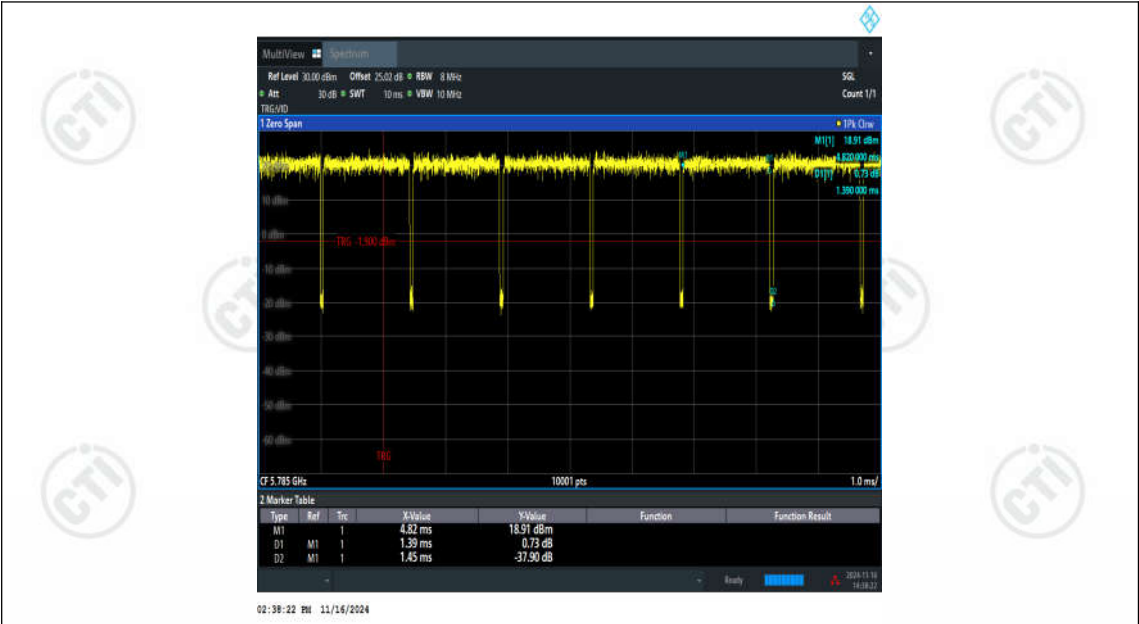
11AC40SISO	Ant1	5795	0.26	0.32	81.25	0.90
11AC40SISO	Ant2	5795	0.26	0.32	81.25	0.90
11AC40SISO	Ant3	5795	0.25	0.32	78.13	1.07
11AC80SISO	Ant1	5775	0.15	0.21	71.43	1.46
11AC80SISO	Ant2	5775	0.15	0.21	71.43	1.46
11AC80SISO	Ant3	5775	0.15	0.21	71.43	1.46
11AX20SISO	Ant1	5745	0.42	0.48	87.50	0.58
11AX20SISO	Ant2	5745	0.43	0.48	89.58	0.48
11AX20SISO	Ant3	5745	0.42	0.49	85.71	0.67
11AX20SISO	Ant1	5785	0.42	0.47	89.36	0.49
11AX20SISO	Ant2	5785	0.42	0.48	87.50	0.58
11AX20SISO	Ant3	5785	0.43	0.49	87.76	0.57
11AX20SISO	Ant1	5825	0.43	0.48	89.58	0.48
11AX20SISO	Ant2	5825	0.43	0.49	87.76	0.57
11AX20SISO	Ant3	5825	0.43	0.49	87.76	0.57
11AX40SISO	Ant1	5755	0.44	0.50	88.00	0.56
11AX40SISO	Ant2	5755	0.43	0.50	86.00	0.66
11AX40SISO	Ant3	5755	0.43	0.50	86.00	0.66
11AX40SISO	Ant1	5795	0.44	0.50	88.00	0.56
11AX40SISO	Ant2	5795	0.43	0.49	87.76	0.57
11AX40SISO	Ant3	5795	0.43	0.50	86.00	0.66
11AX80SISO	Ant1	5775	0.41	0.47	87.23	0.59
11AX80SISO	Ant2	5775	0.41	0.48	85.42	0.68
11AX80SISO	Ant3	5775	0.42	0.48	87.50	0.58
11BE20SISO	Ant1	5745	0.44	0.49	89.80	0.47
11BE20SISO	Ant2	5745	0.43	0.49	87.76	0.57
11BE20SISO	Ant3	5745	0.43	0.49	87.76	0.57
11BE20SISO	Ant1	5785	0.43	0.49	87.76	0.57
11BE20SISO	Ant2	5785	0.43	0.48	89.58	0.48
11BE20SISO	Ant3	5785	0.44	0.50	88.00	0.56
11BE20SISO	Ant1	5825	0.43	0.49	87.76	0.57
11BE20SISO	Ant2	5825	0.43	0.49	87.76	0.57
11BE20SISO	Ant3	5825	0.43	0.48	89.58	0.48
11BE40SISO	Ant2	5755	0.44	0.50	88.00	0.56
11BE40SISO	Ant3	5755	0.44	0.50	88.00	0.56
11BE40SISO	Ant1	5795	0.44	0.50	88.00	0.56
11BE40SISO	Ant2	5795	0.44	0.50	88.00	0.56
11BE40SISO	Ant3	5795	0.44	0.50	88.00	0.56
11BE80SISO	Ant1	5775	0.42	0.49	85.71	0.67
11BE80SISO	Ant2	5775	0.42	0.48	87.50	0.58
11BE80SISO	Ant3	5775	0.42	0.48	87.50	0.58

Note:Duty Cycle Factor[dB]=-10*Ig(Duty Cycle);

Test Graphs



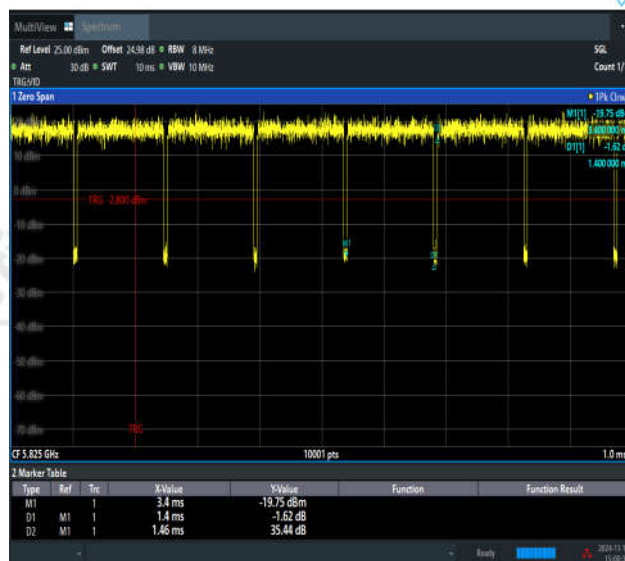




NTNV-11A-Ant2-5785



NTNV-11A-Ant3-5785



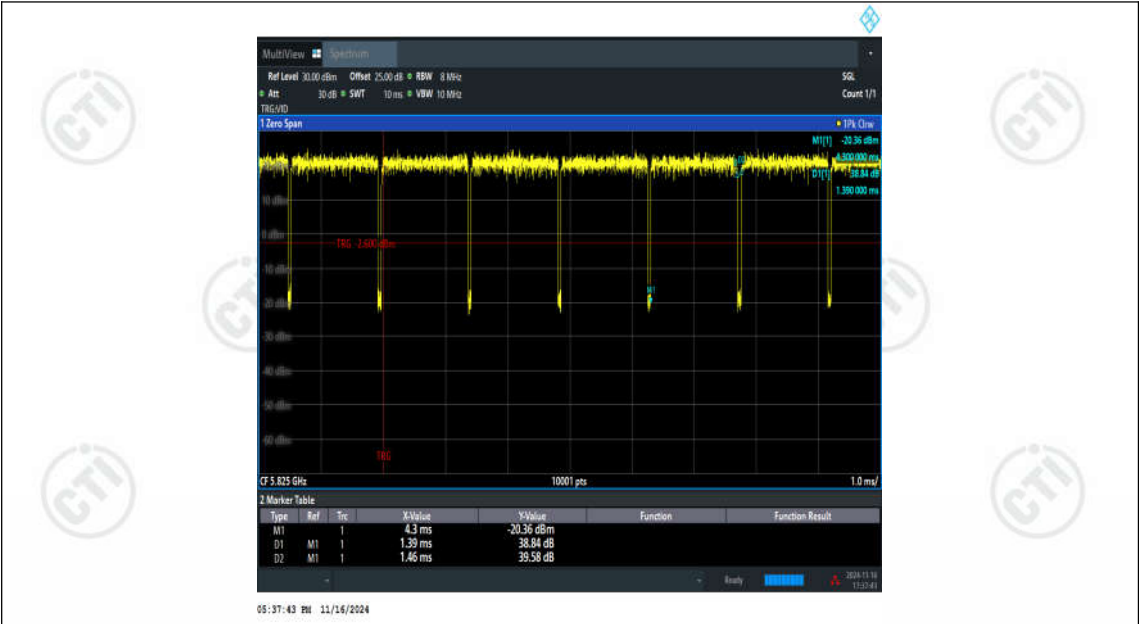
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NTNV-11A-Ant1-5825



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NTNV-11A-Ant2-5825



NTNV-11A-Ant3-5825



NTNV-11N20SISO-Ant1-5745

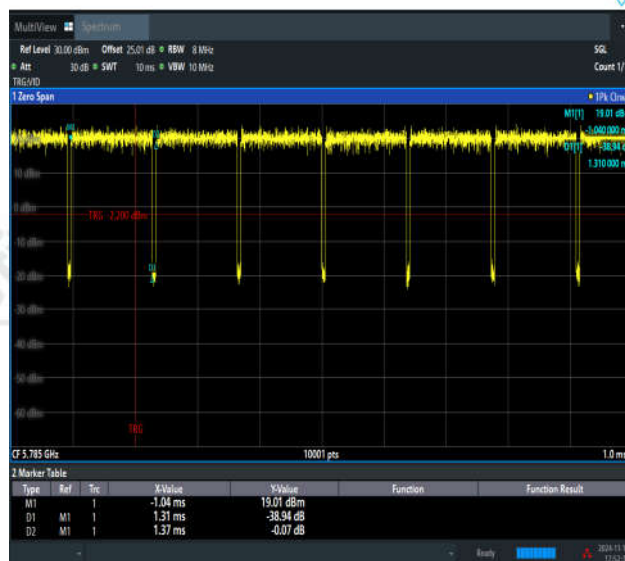


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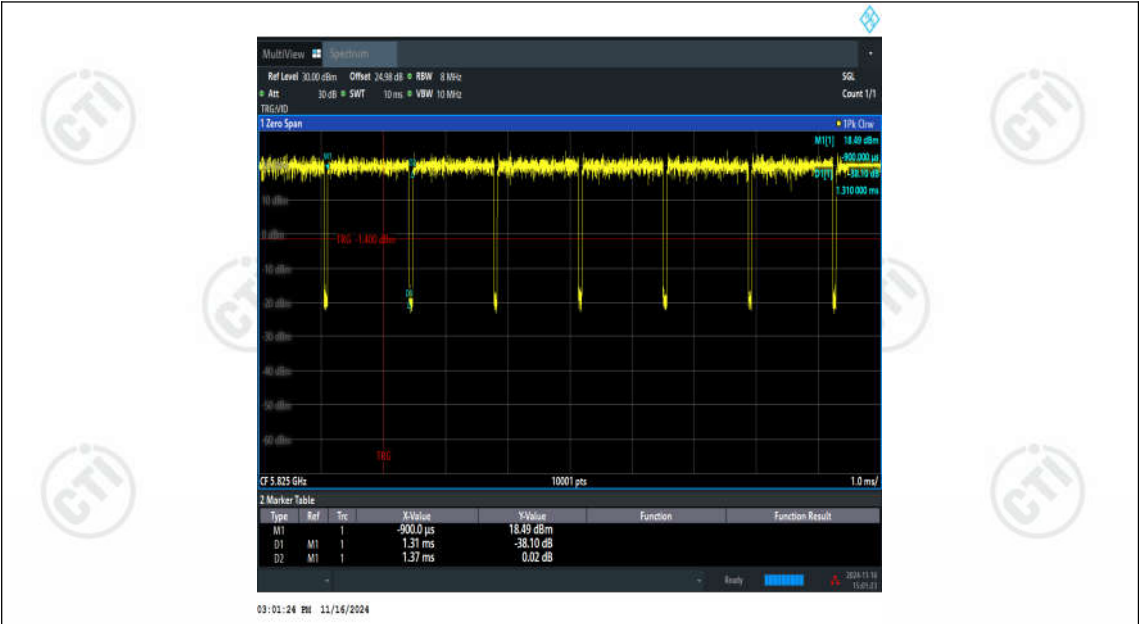




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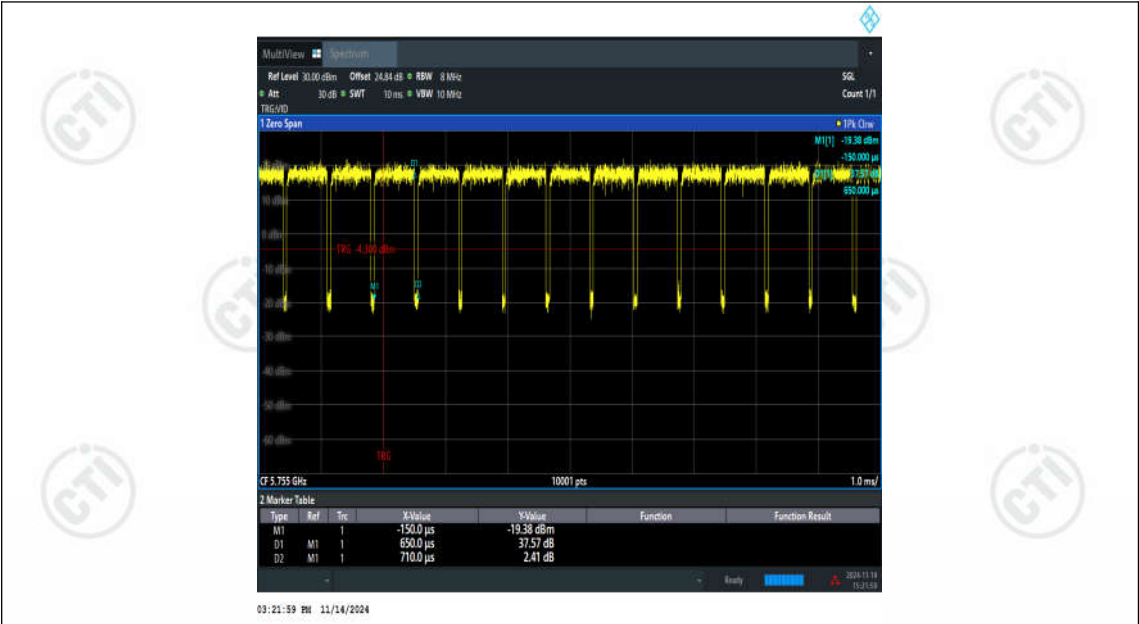
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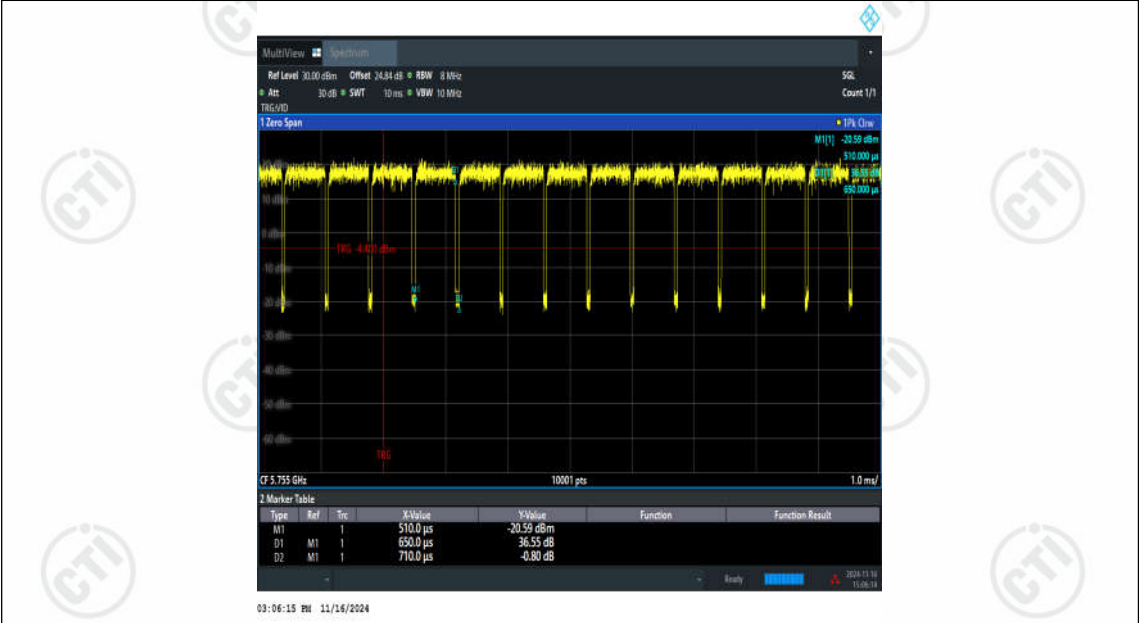
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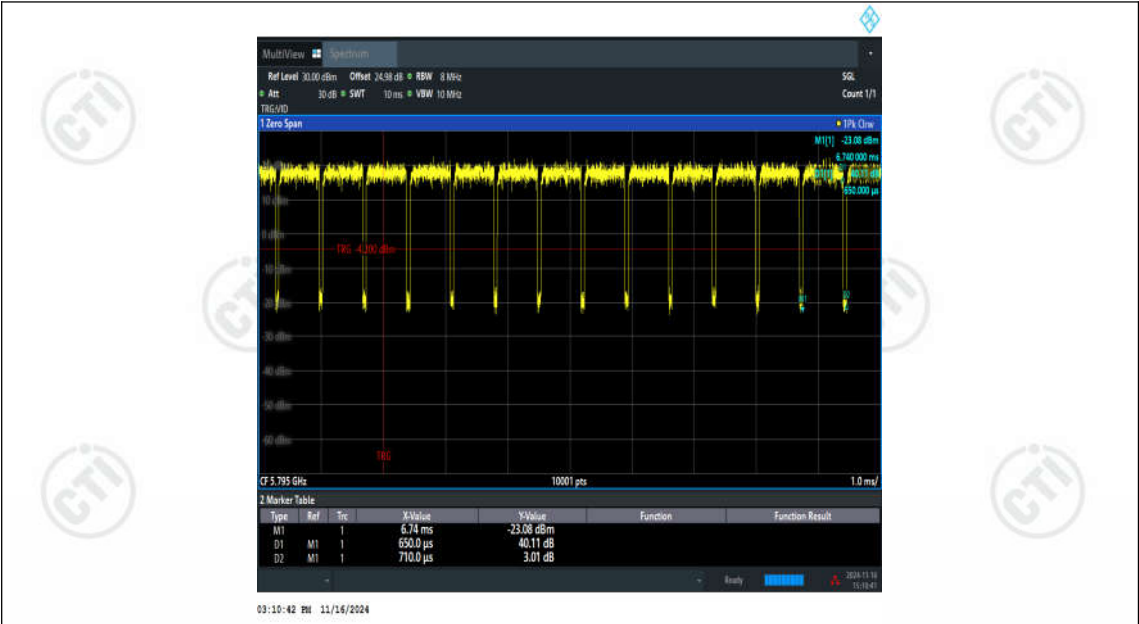


NTNV-11N40SISO-Ant1-5755



NTNV-11N40SISO-Ant2-5755





NTNV-11N40SISO-Ant2-5795



NTNV-11N40SISO-Ant3-5795