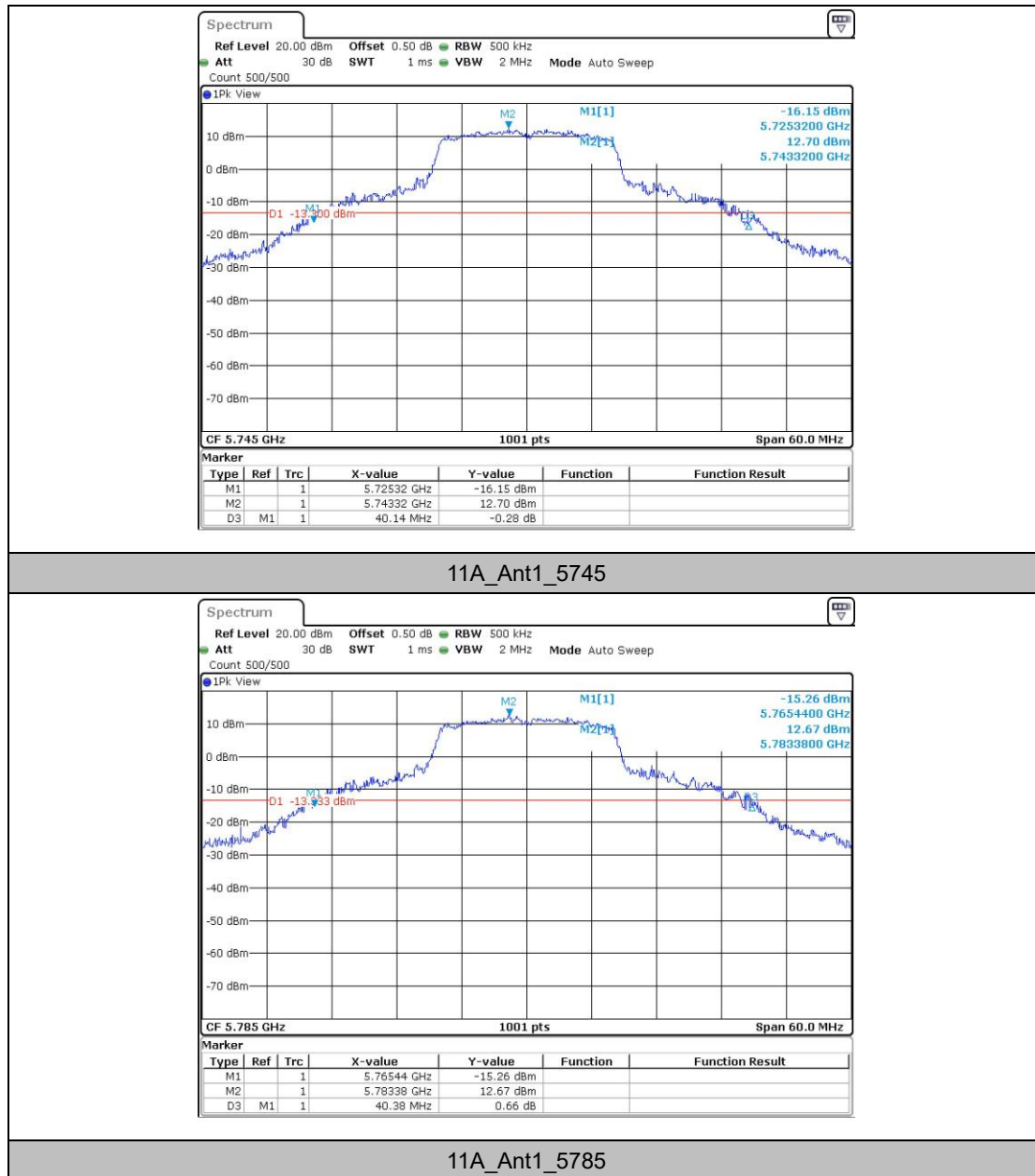


Appendix A1: Emission Bandwidth

Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	40.140	5725.320	5765.460	---	PASS
		5785	40.380	5765.440	5805.820	---	PASS
		5825	42.780	5803.760	5846.540	---	PASS
11N20SISO	Ant1	5745	45.360	5722.740	5768.100	---	PASS
		5785	45.900	5762.200	5808.100	---	PASS
		5825	48.360	5801.360	5849.720	---	PASS
11N40SISO	Ant1	5755	87.500	5711.320	5798.820	---	PASS
		5795	93.800	5747.960	5841.760	---	PASS

Test Graphs

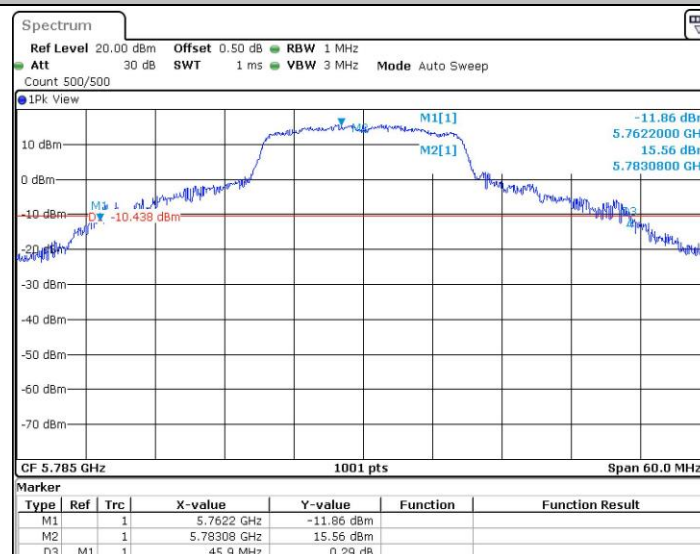




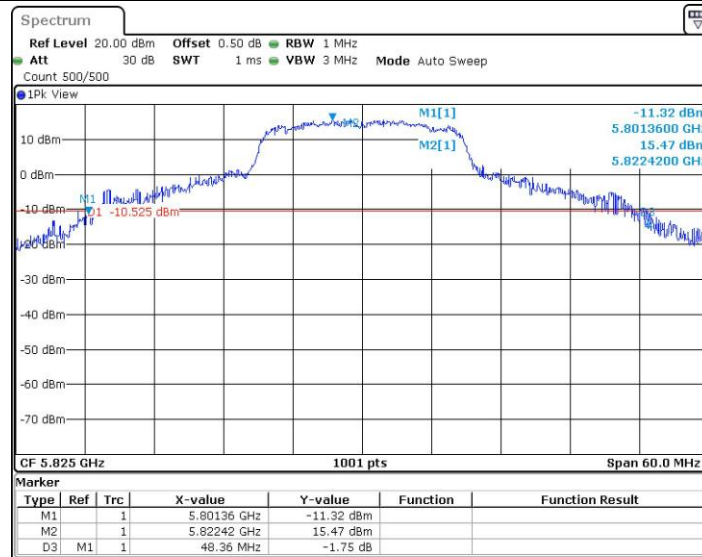
11A_Ant1_5825



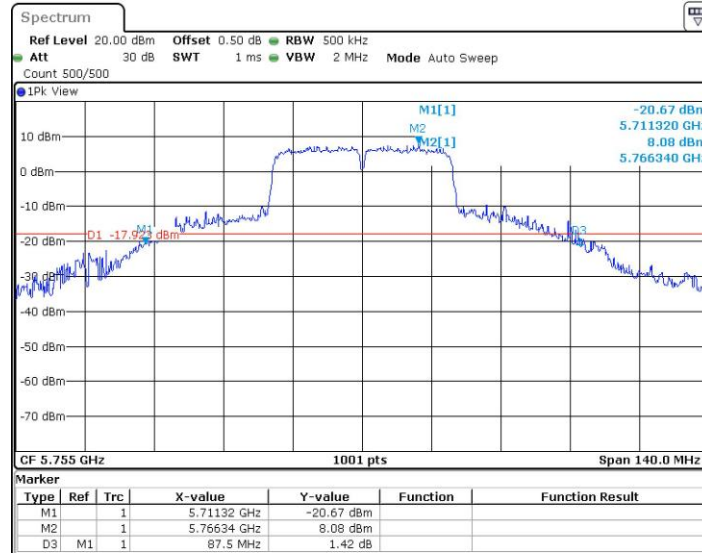
11N20SISO_Ant1_5745



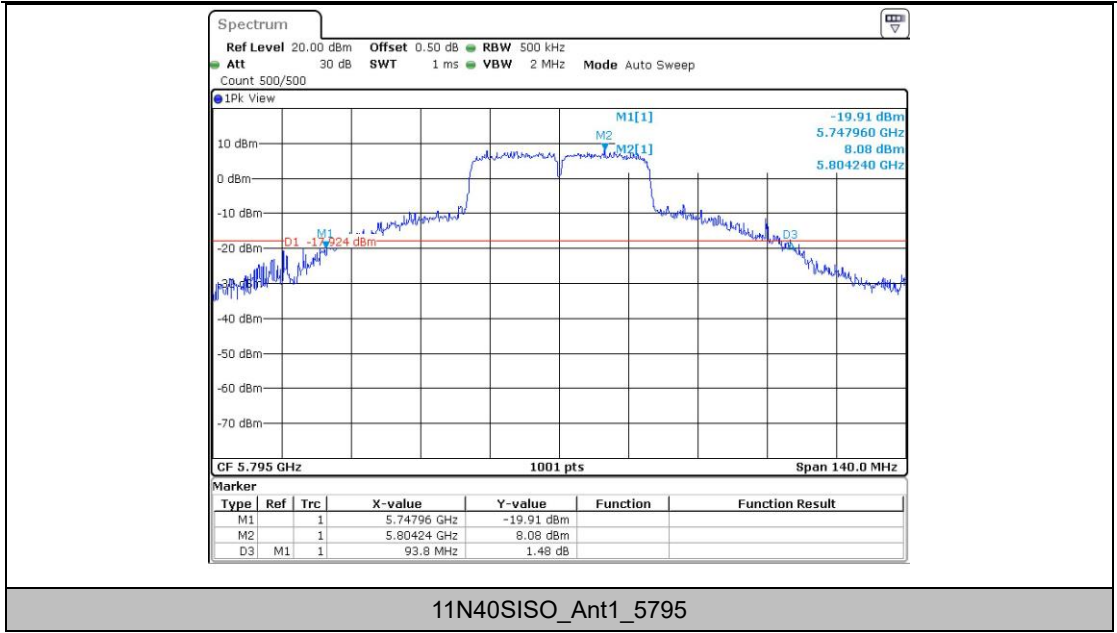
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



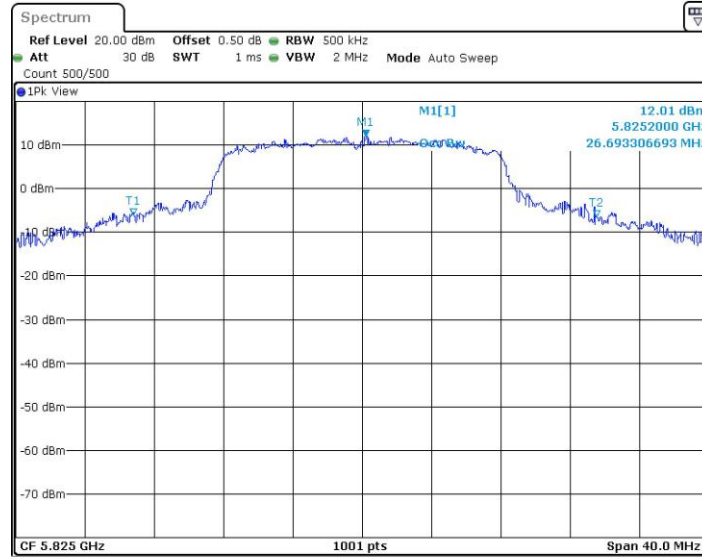
Appendix A2: Occupied channel bandwidth

Test Result

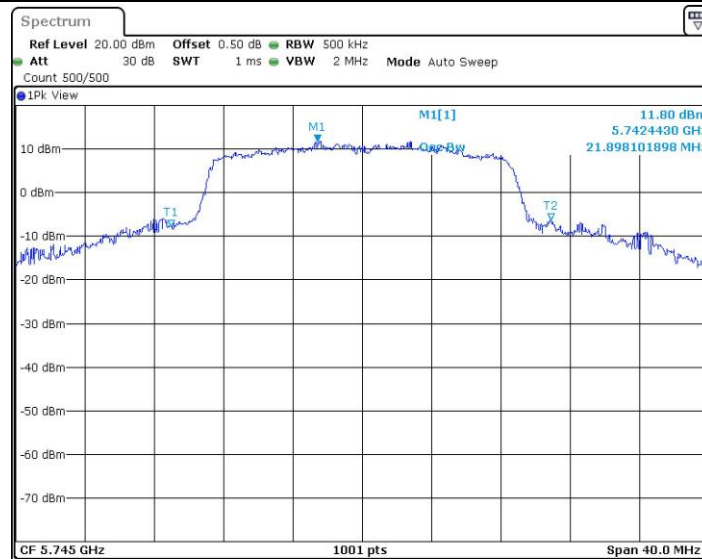
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	21.978	5733.971	5755.949	---	PASS
		5785	22.977	5773.452	5796.429	---	PASS
		5825	26.693	5811.813	5838.506	---	PASS
11N20SISO	Ant1	5745	21.898	5733.971	5755.869	---	PASS
		5785	23.856	5772.892	5796.748	---	PASS
		5825	27.652	5811.573	5839.226	---	PASS
11N40SISO	Ant1	5755	42.438	5733.901	5776.339	---	PASS
		5795	50.19	5770.624	5820.814	---	PASS

Test Graphs





11A_Ant1_5825



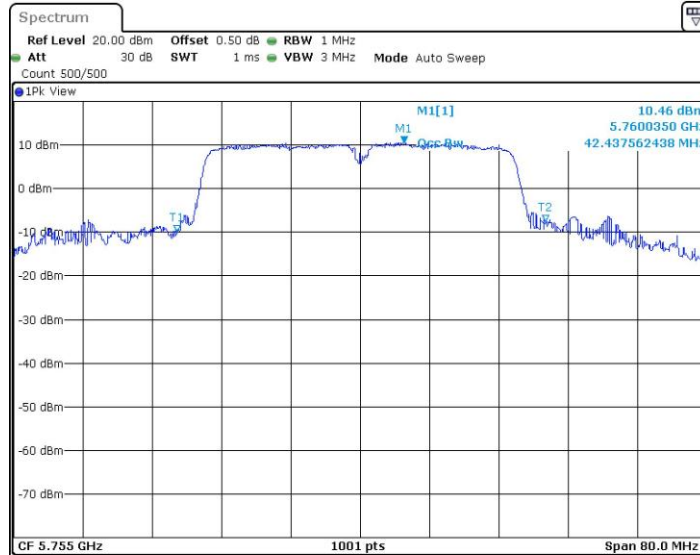
11N20SISO_Ant1_5745



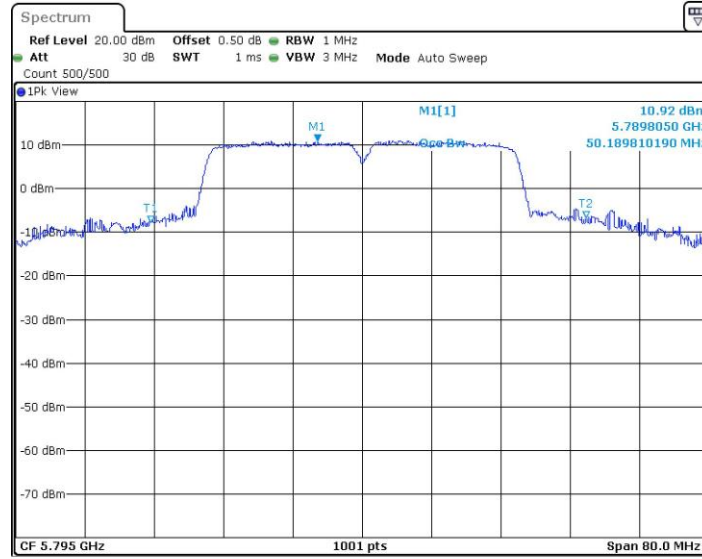
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



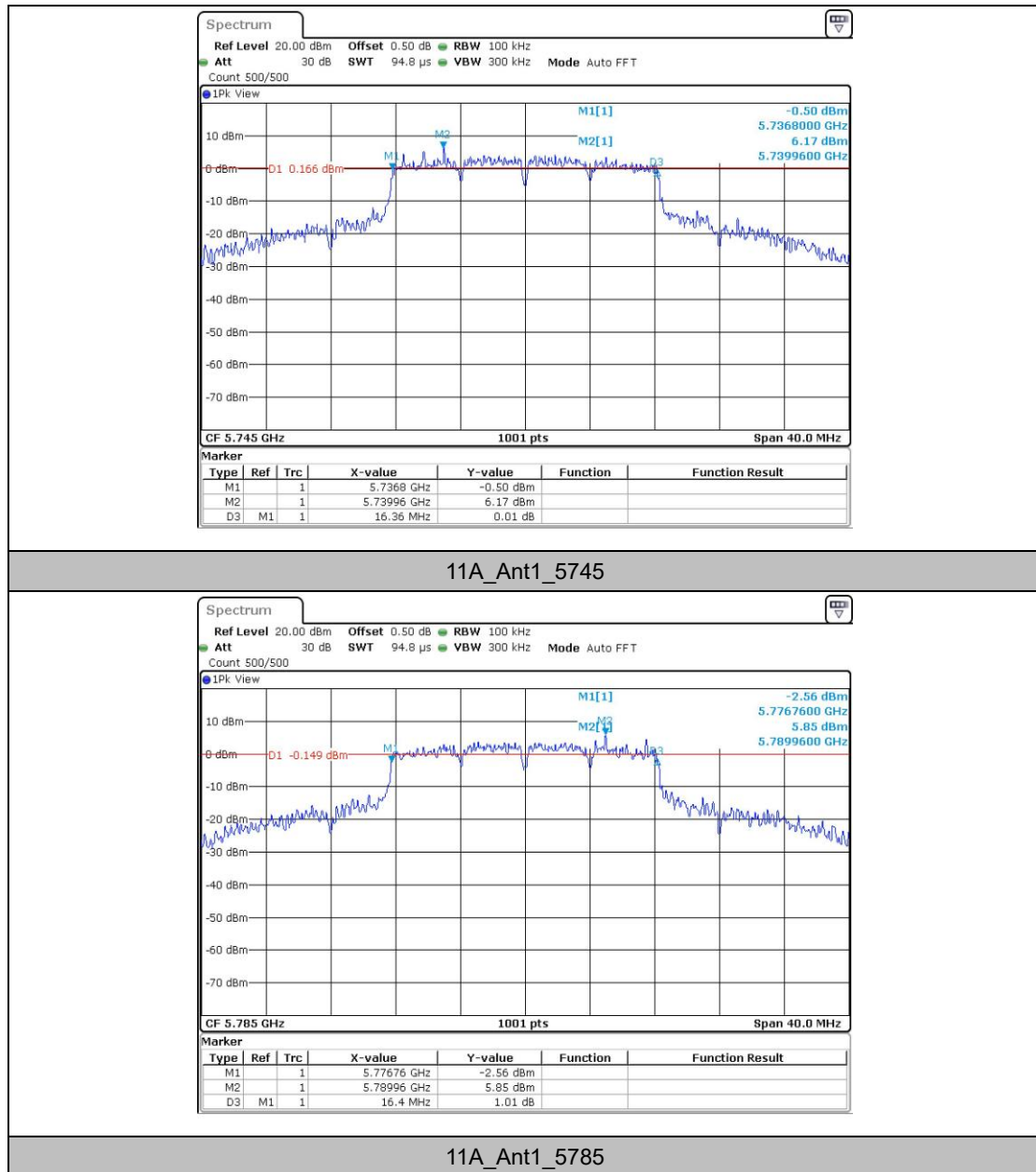
11N40SISO_Ant1_5795

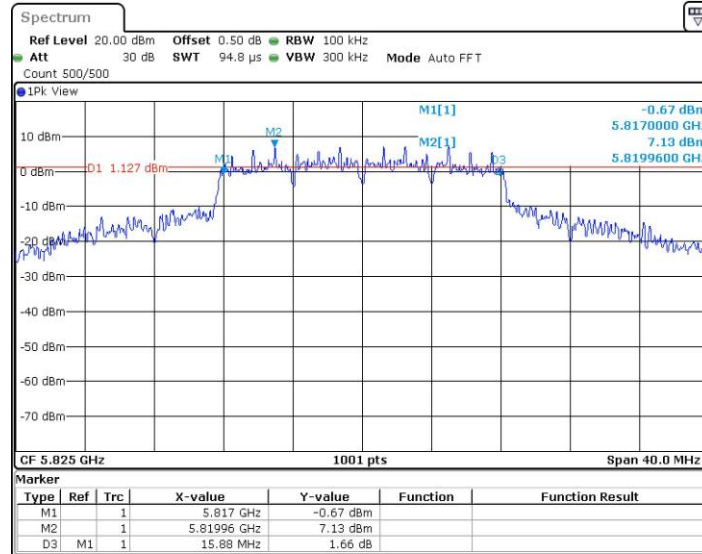
Appendix A3: Min emission bandwidth

Test Result

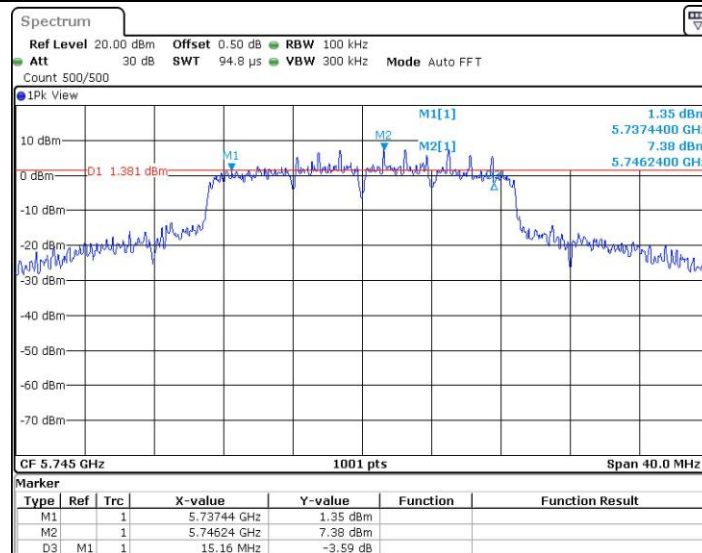
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.360	5736.800	5753.160	0.5	PASS
		5785	16.400	5776.760	5793.160	0.5	PASS
		5825	15.880	5817.000	5832.880	0.5	PASS
11N20SISO	Ant1	5745	15.160	5737.440	5752.600	0.5	PASS
		5785	14.760	5777.360	5792.120	0.5	PASS
		5825	16.960	5816.520	5833.480	0.5	PASS
11N40SISO	Ant1	5755	34.560	5738.040	5772.600	0.5	PASS
		5795	35.280	5777.400	5812.680	0.5	PASS

Test Graphs

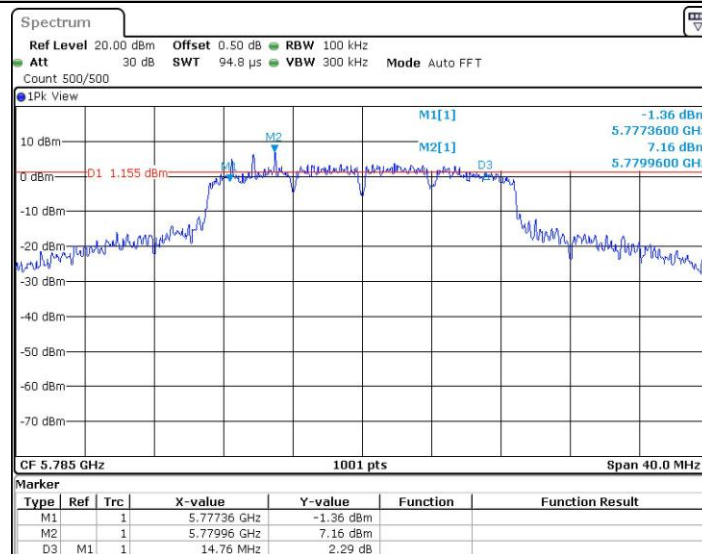




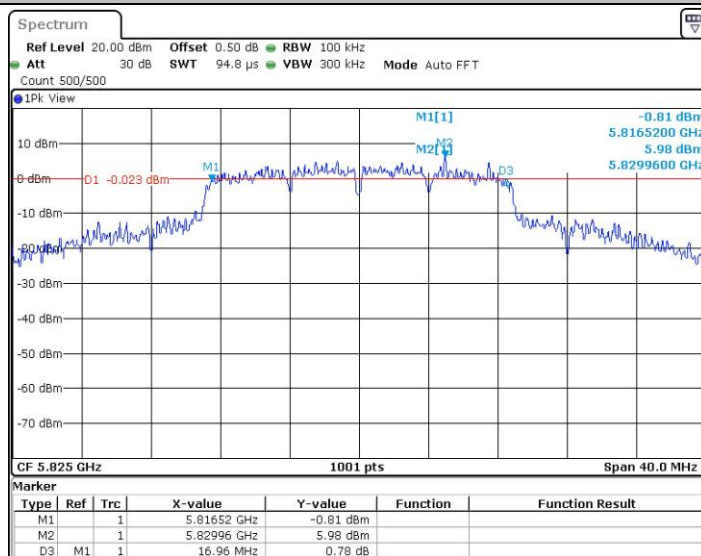
11A_Ant1_5825



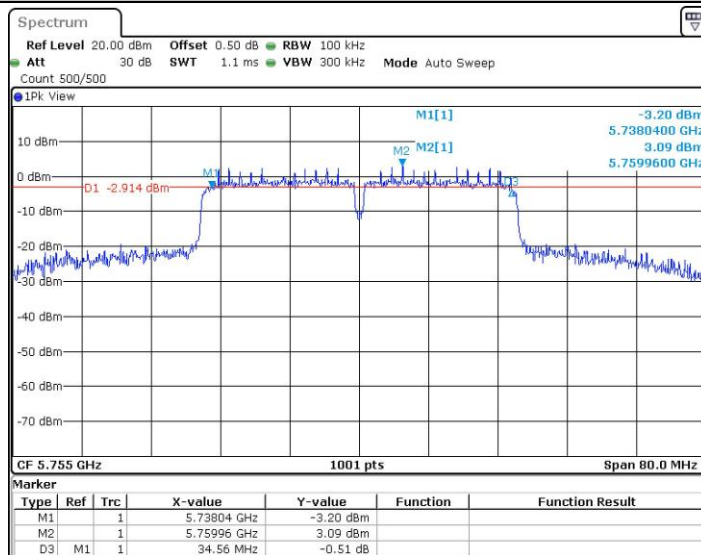
11N20SISO_Ant1_5745



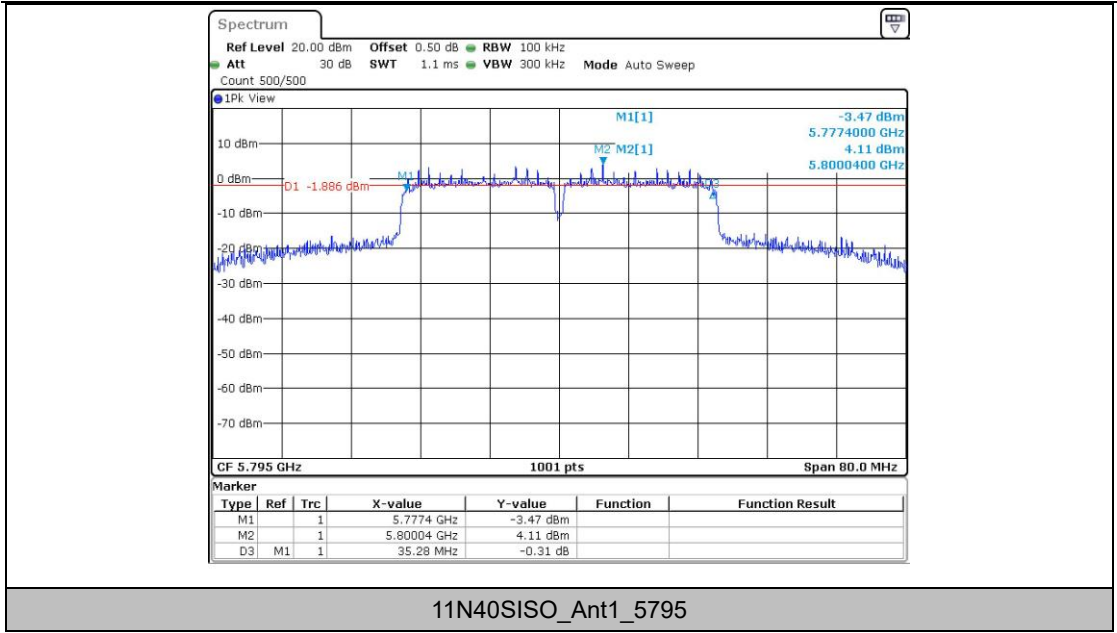
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



Appendix B: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11A	Ant1	5745	18.61	≤ 30	PASS
		5785	18.60	≤ 30	PASS
		5825	18.74	≤ 30	PASS
11N20SISO	Ant1	5745	18.34	≤ 30	PASS
		5785	18.38	≤ 30	PASS
		5825	18.36	≤ 30	PASS
11N40SISO	Ant1	5755	16.99	≤ 30	PASS
		5795	17.38	≤ 30	PASS

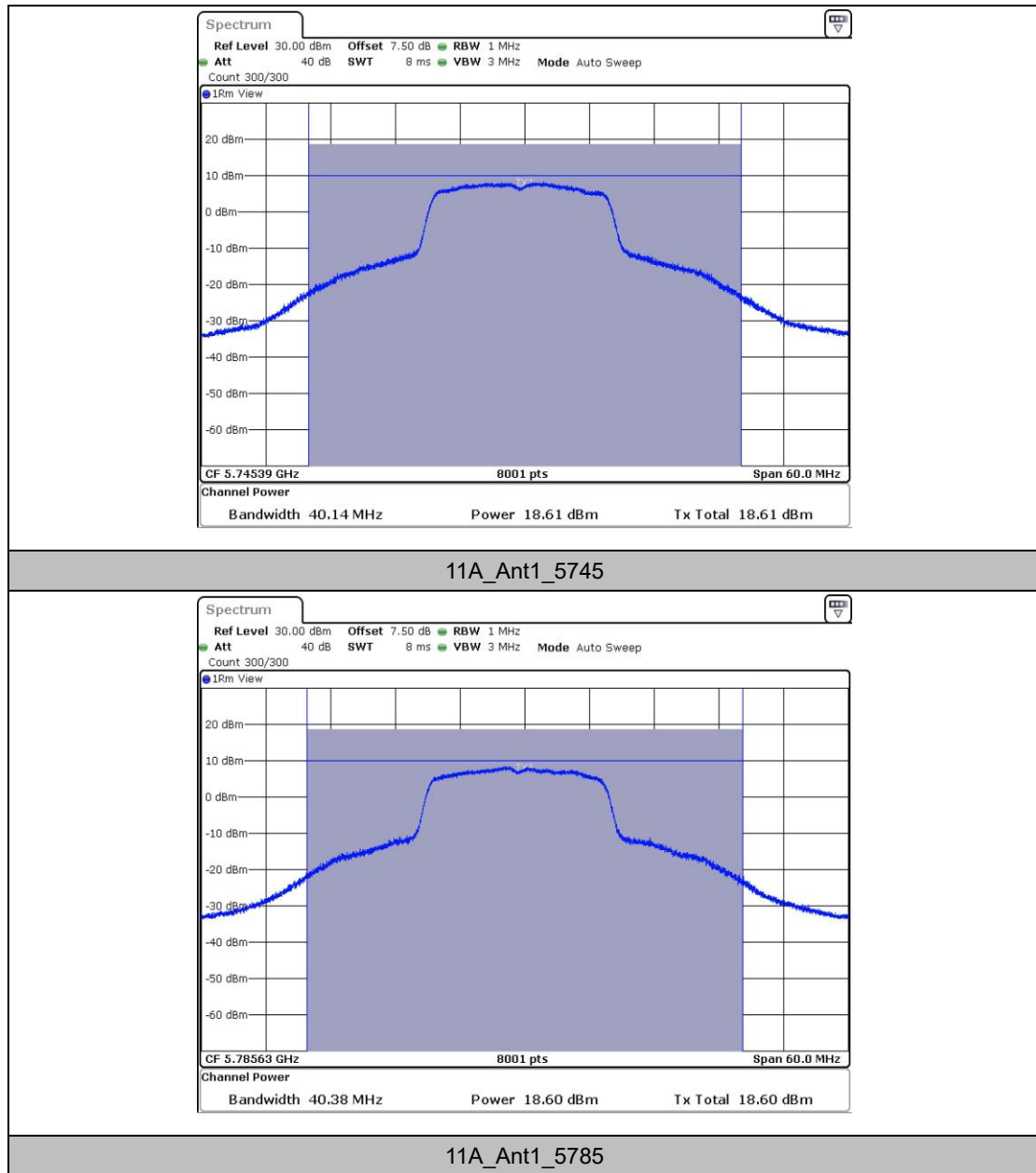
Appendix B1: Maximum EIRP

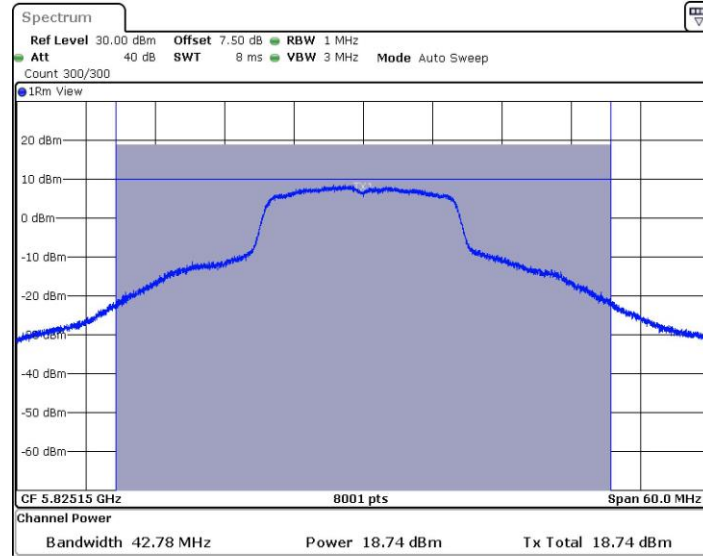
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11A	Ant1	5745	22.02	≤ 36	PASS
		5785	22.01	≤ 36	PASS
		5825	22.15	≤ 36	PASS
11N20SISO	Ant1	5745	21.75	≤ 36	PASS
		5785	21.79	≤ 36	PASS
		5825	21.77	≤ 36	PASS
11N40SISO	Ant1	5755	21.40	≤ 36	PASS
		5795	20.79	≤ 36	PASS

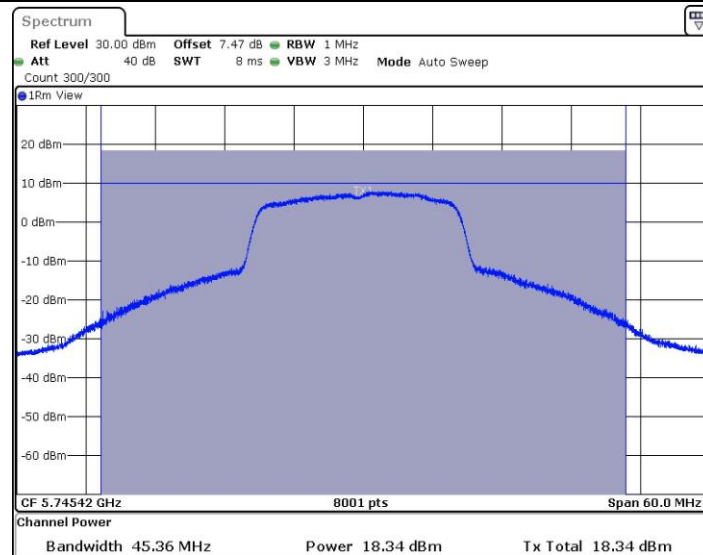
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

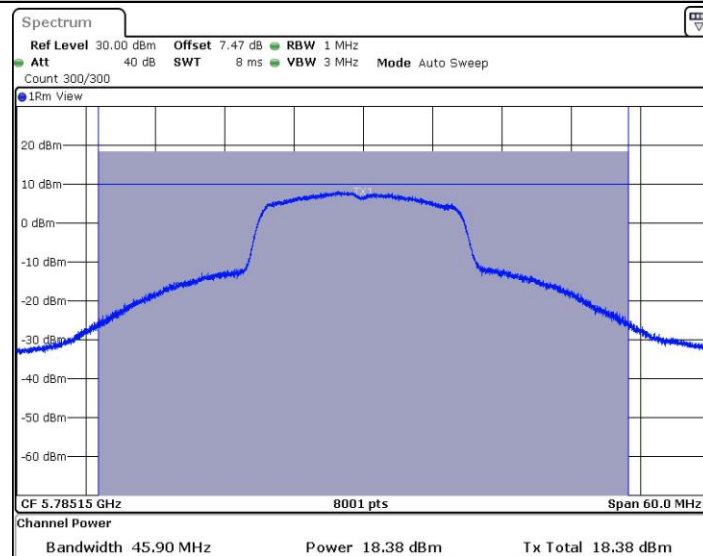




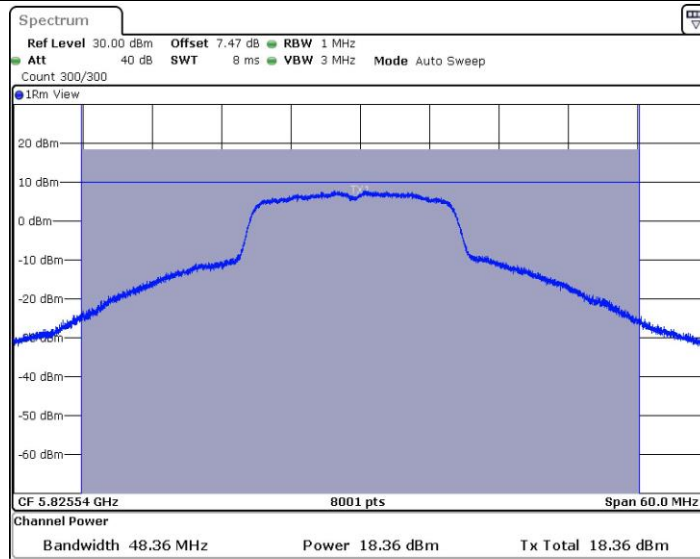
11A_Ant1_5825



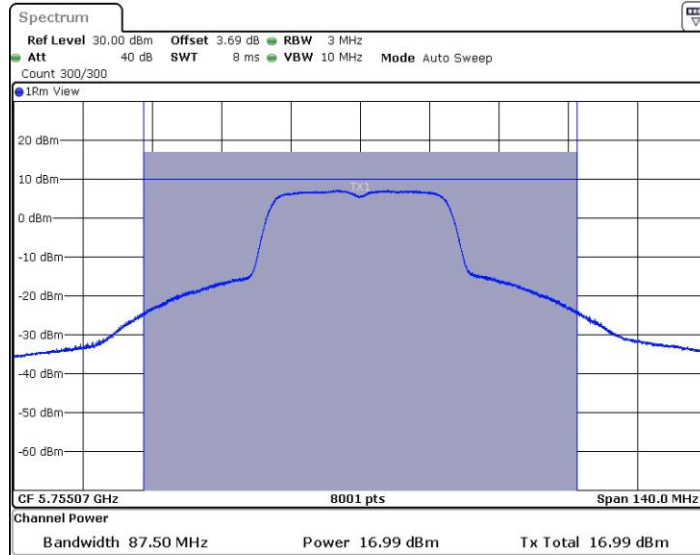
11N20SISO_Ant1_5745



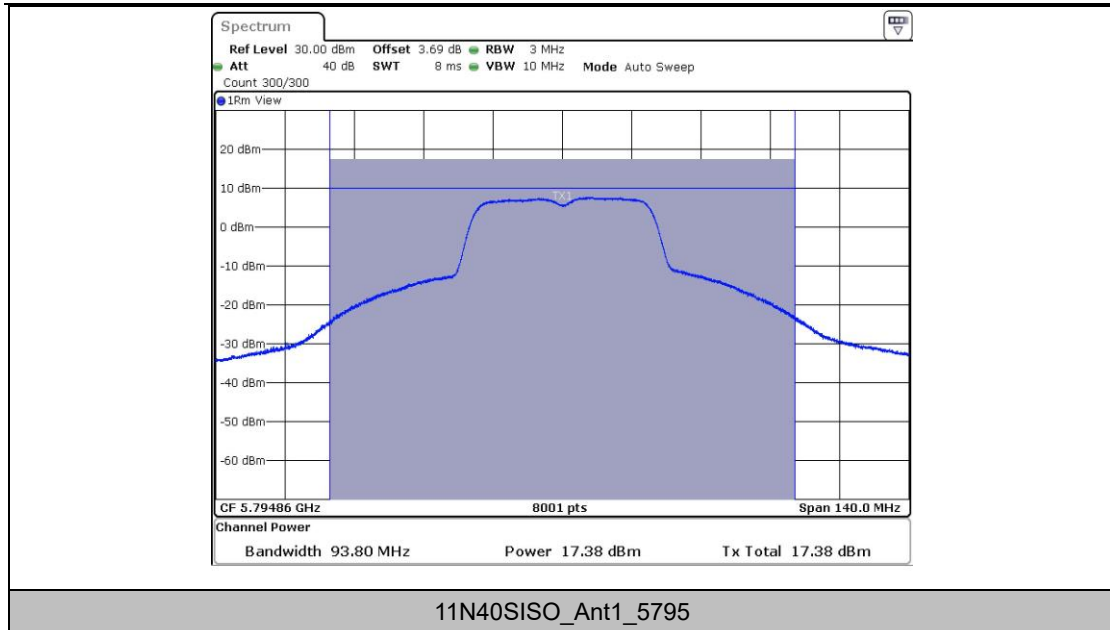
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



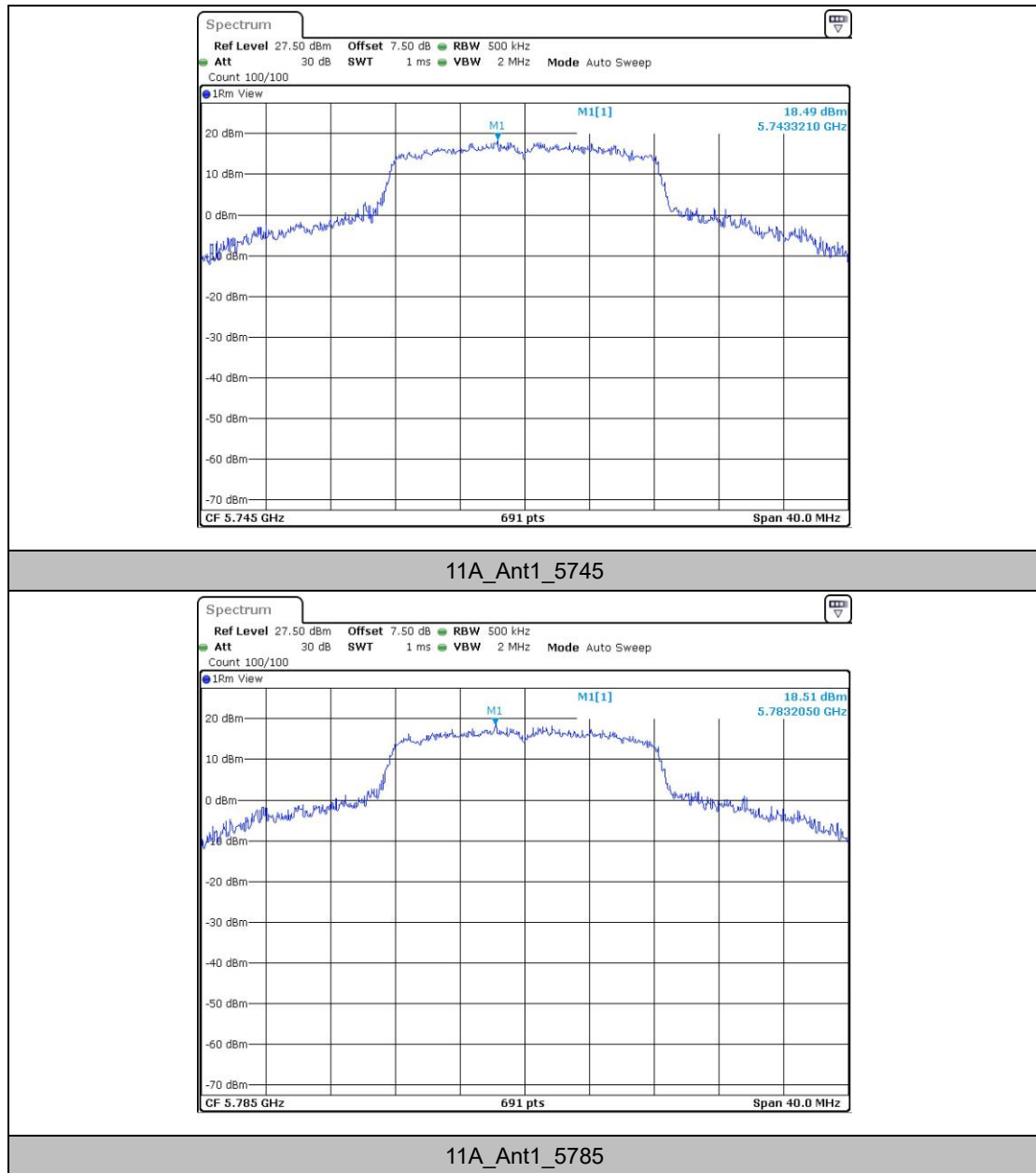
Appendix C: Maximum power spectral density

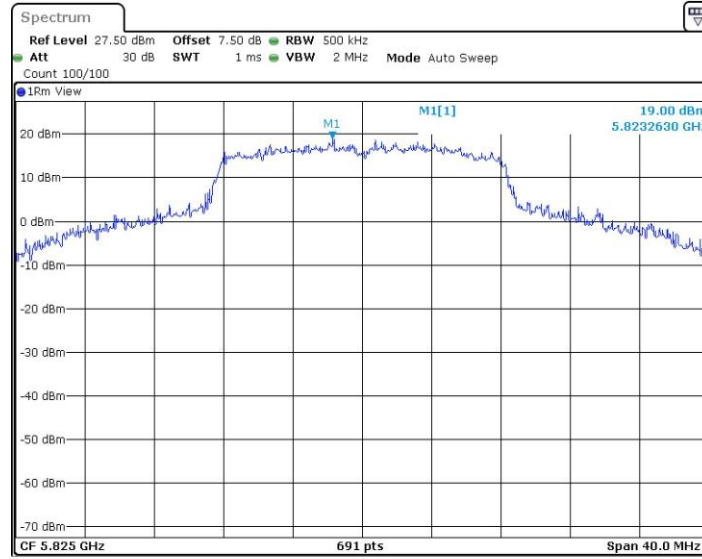
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11A	Ant1	5745	18.49	≤ 30	PASS
		5785	18.51	≤ 30	PASS
		5825	19	≤ 30	PASS
11N20SISO	Ant1	5745	17.67	≤ 30	PASS
		5785	17.84	≤ 30	PASS
		5825	17.66	≤ 30	PASS
11N40SISO	Ant1	5755	9.53	≤ 30	PASS
		5795	10.04	≤ 30	PASS

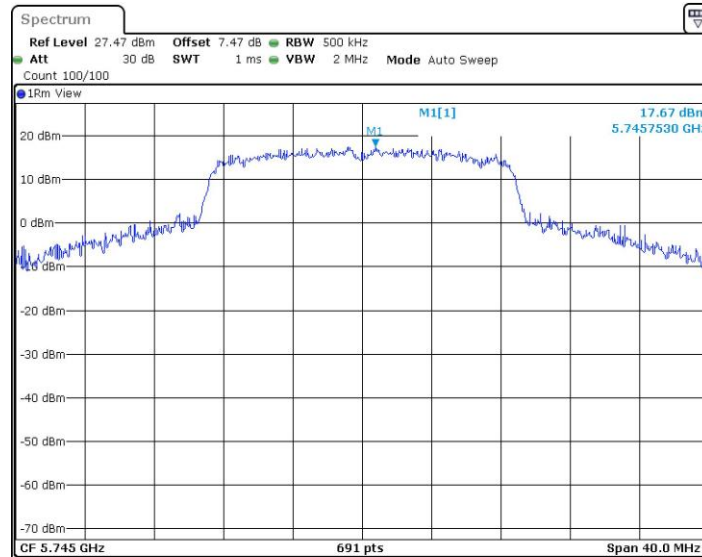
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

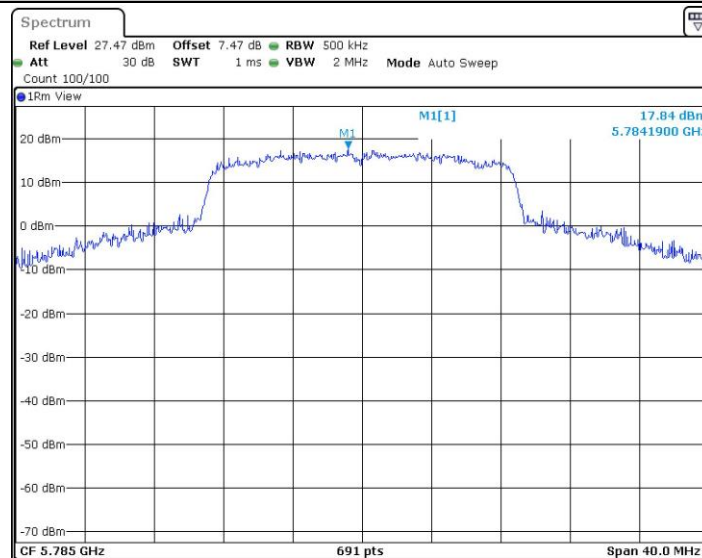




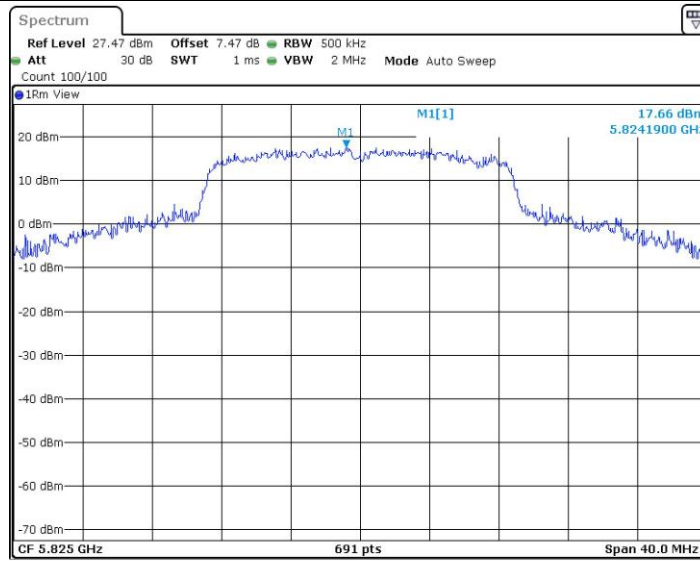
11A_Ant1_5825



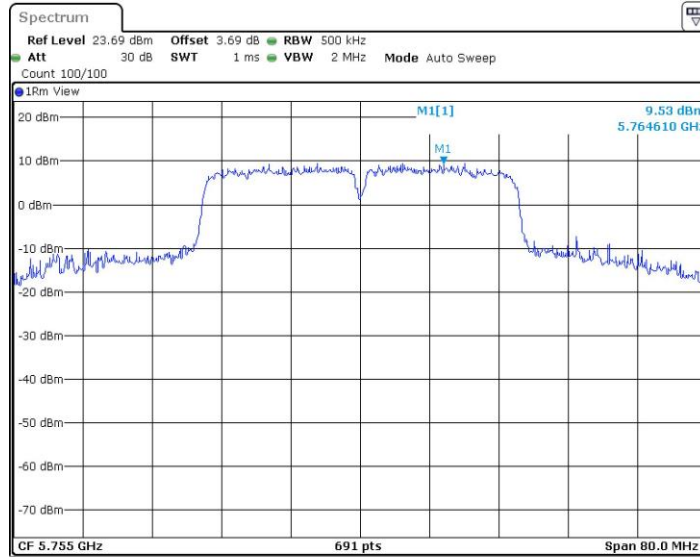
11N20SISO_Ant1_5745



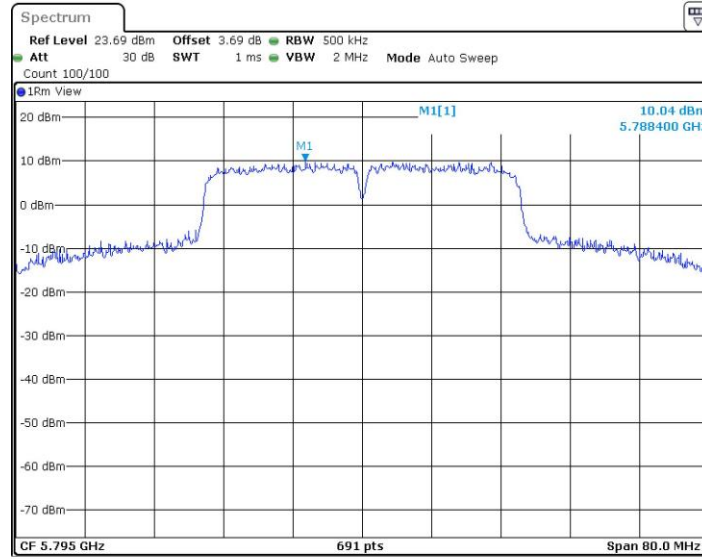
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

Appendix D: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	Result	Limit	Verdict
TestMode	Antenna	ChName	Channel	Result	Limit	Verdict

TestMode	Antenna	ChName	Channel	FreqRange	Result	Limit	Verdict
11A	Ant1	Low	5745	5650~5700	-47.25	<=10.00	PASS
				5700~5720	-34.64	<=15.41	PASS
				5720~5725	-25.47	<=27.00	PASS
				5760~5650	-55.22	<=-27	PASS

Test Graphs

Band edge measurements



Appendix E: Emissions in Restricted Bands

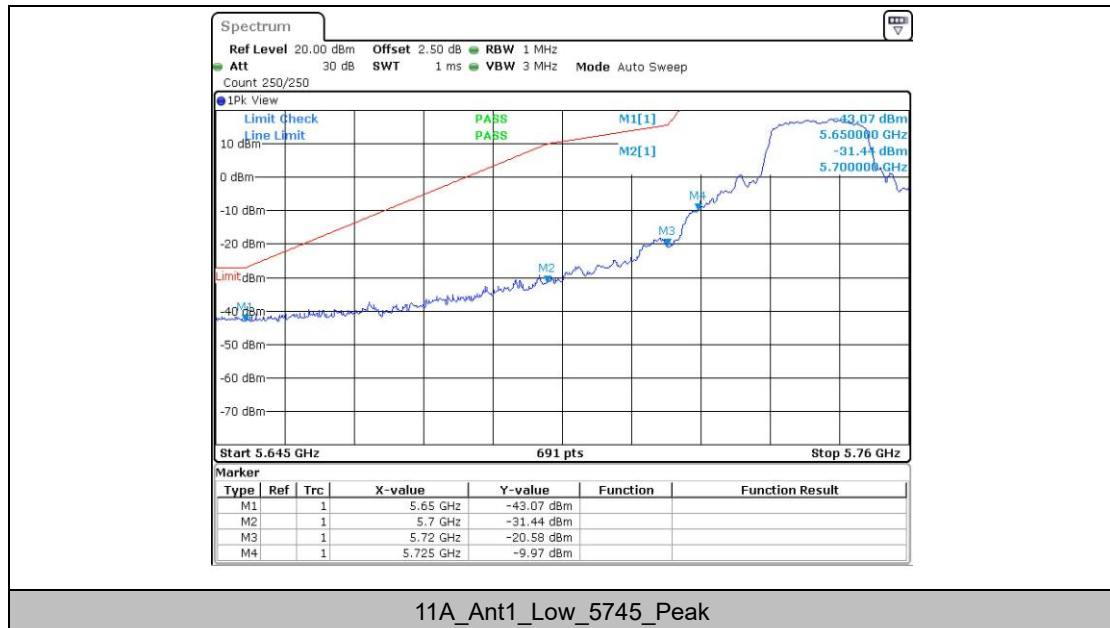
Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq	EIRP	Limit	Verdict
11A	Ant1	Low	5745	Peak	5650.000	-43.07	<= -27.00	PASS
				Peak	5700.000	-31.44	<=10.00	PASS
				Peak	5720.000	-20.58	<=15.60	PASS
				Peak	5725.000	-9.97	<=27.00	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. For transmitters operating in 5150-5350 GHz band and 5470-5725 GHz band: The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

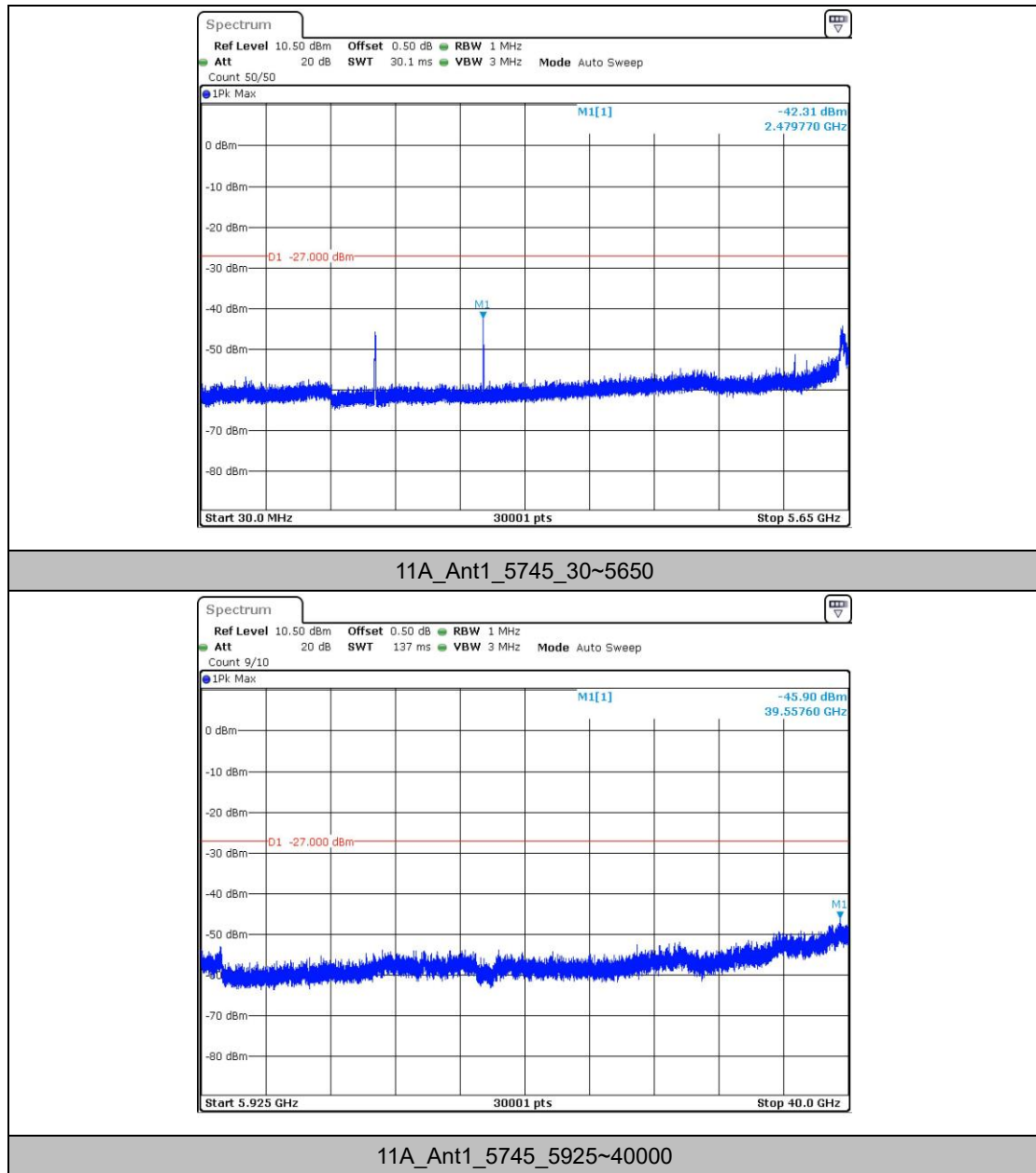


Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange	Max. Fre	Max. Level	Limit	Verdict
11A	Ant1	5745	30~5650	2479.77	-42.31	<=-27	PASS
			5925~40000	39557.6	-45.9	<=-27	PASS

Test Graphs



Appendix G: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	NT	-15000	-2.610966	20	PASS
			LV	NT	-15000	-2.610966	20	PASS
			HV	NT	-15000	-2.610966	20	PASS
		5785	NV	NT	-30000	-5.185825	20	PASS
			LV	NT	-30000	-5.185825	20	PASS
			HV	NT	-45000	-7.778738	20	PASS
		5825	NV	NT	-45000	-7.725322	20	PASS
			LV	NT	-30000	-5.150215	20	PASS
			HV	NT	-30000	-5.150215	20	PASS
11N20SI SO	Ant1	5745	NV	NT	-60000	-10.443864	20	PASS
			LV	NT	-45000	-7.832898	20	PASS
			HV	NT	-45000	-7.832898	20	PASS
		5785	NV	NT	-45000	-7.778738	20	PASS
			LV	NT	-45000	-7.778738	20	PASS
			HV	NT	-45000	-7.778738	20	PASS
		5825	NV	NT	-45000	-7.725322	20	PASS
			LV	NT	-45000	-7.725322	20	PASS
			HV	NT	-45000	-7.725322	20	PASS
11N40SI SO	Ant1	5755	NV	NT	-30000	-5.212858	20	PASS
			LV	NT	-60000	-10.425717	20	PASS
			HV	NT	-30000	-5.212858	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	-30000	-5.176877	20	PASS
			HV	NT	0	0	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5745	NV	-30	-15000	-2.610966	20	PASS
			NV	-20	-45000	-7.832898	20	PASS
			NV	-10	-15000	-2.610966	20	PASS
			NV	0	-30000	-5.221932	20	PASS
			NV	10	-15000	-2.610966	20	PASS
			NV	20	-15000	-2.610966	20	PASS
			NV	30	-15000	-2.610966	20	PASS
			NV	40	-15000	-2.610966	20	PASS

			NV	50	-45000	-7.832898	20	PASS
			NV	-30	-45000	-7.778738	20	PASS
			NV	-20	-30000	-5.185825	20	PASS
			NV	-10	-45000	-7.778738	20	PASS
			NV	0	-30000	-5.185825	20	PASS
			NV	10	-45000	-7.778738	20	PASS
			NV	20	-45000	-7.778738	20	PASS
			NV	30	-45000	-7.778738	20	PASS
			NV	40	-15000	-2.592913	20	PASS
			NV	50	-15000	-2.592913	20	PASS
		5825	NV	-30	-30000	-5.150215	20	PASS
			NV	-20	-30000	-5.150215	20	PASS
			NV	-10	-60000	-10.300429	20	PASS
			NV	0	-15000	-2.575107	20	PASS
			NV	10	-45000	-7.725322	20	PASS
			NV	20	-45000	-7.725322	20	PASS
			NV	30	-30000	-5.150215	20	PASS
			NV	40	-30000	-5.150215	20	PASS
			NV	50	-30000	-5.150215	20	PASS
			NV	-30	-45000	-7.832898	20	PASS
			NV	-20	-15000	-2.610966	20	PASS
			NV	-10	-60000	-10.443864	20	PASS
			NV	0	-15000	-2.610966	20	PASS
			NV	10	-45000	-7.832898	20	PASS
			NV	20	-30000	-5.221932	20	PASS
			NV	30	-15000	-2.610966	20	PASS
			NV	40	-45000	-7.832898	20	PASS
			NV	50	-15000	-2.610966	20	PASS
11N20SI SO	Ant1	5745	NV	-30	-30000	-5.185825	20	PASS
			NV	-20	-45000	-7.778738	20	PASS
			NV	-10	-45000	-7.778738	20	PASS
			NV	0	-45000	-7.778738	20	PASS
			NV	10	-30000	-5.185825	20	PASS
			NV	20	-30000	-5.185825	20	PASS
			NV	30	-45000	-7.778738	20	PASS
			NV	40	-30000	-5.185825	20	PASS
			NV	50	-30000	-5.185825	20	PASS
			NV	-30	-30000	-5.150215	20	PASS
		5825	NV	-20	-30000	-5.150215	20	PASS
			NV	-10	-45000	-7.725322	20	PASS
			NV	0	-45000	-7.725322	20	PASS
			NV	10	-15000	-2.575107	20	PASS
			NV	10	-15000	-2.575107	20	PASS

Appendix of 240906006SZN-003

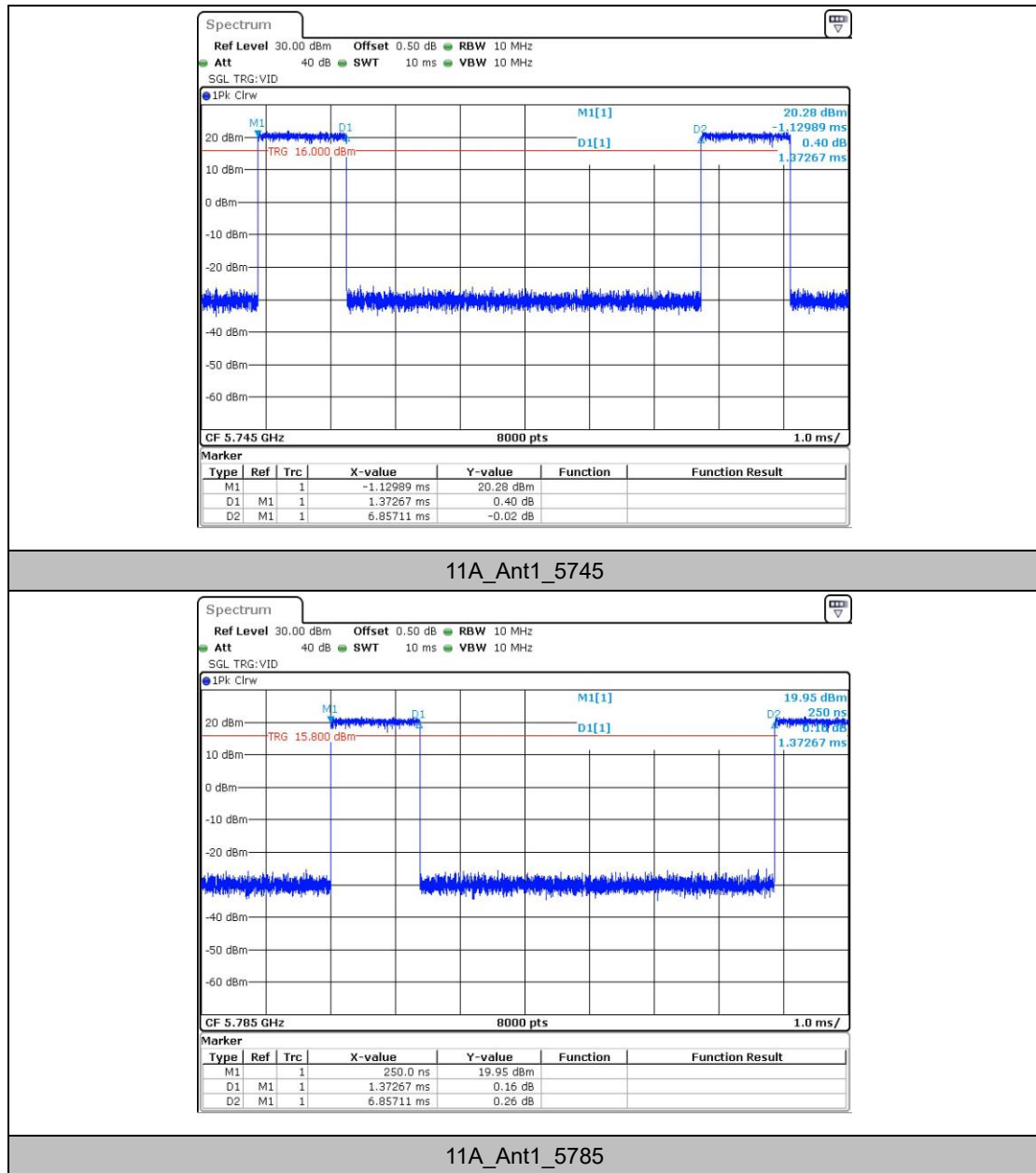
			NV	20	-30000	-5.150215	20	PASS
			NV	30	-60000	-10.300429	20	PASS
			NV	40	-30000	-5.150215	20	PASS
			NV	50	-45000	-7.725322	20	PASS
11N40SI SO	Ant1	5755	NV	-30	-60000	-10.425717	20	PASS
			NV	-20	-30000	-5.212858	20	PASS
			NV	-10	-60000	-10.425717	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-30000	-5.212858	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-30000	-5.212858	20	PASS
		5795	NV	-30	-30000	-5.176877	20	PASS
			NV	-20	-30000	-5.176877	20	PASS
			NV	-10	-30000	-5.176877	20	PASS
			NV	0	-60000	-10.353753	20	PASS
			NV	10	0	0	20	PASS
			NV	20	-30000	-5.176877	20	PASS
			NV	30	0	0	20	PASS
			NV	40	-30000	-5.176877	20	PASS
			NV	50	0	0	20	PASS

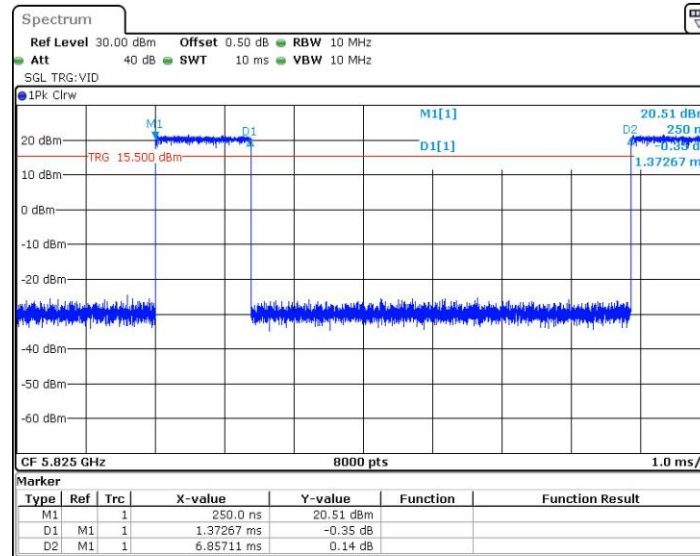
Appendix H: Duty Cycle

Test Result

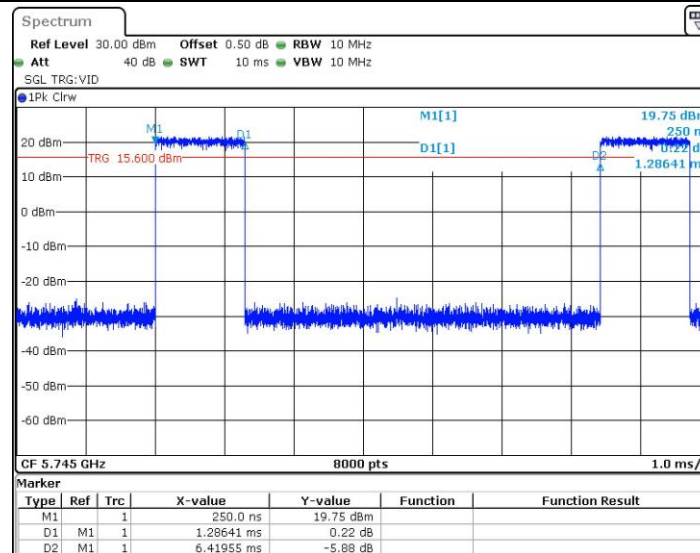
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5745	1.37	6.86	19.97
		5785	1.37	6.86	19.97
		5825	1.37	6.86	19.97
11N20SISO	Ant1	5745	1.29	6.42	20.09
		5785	1.29	6.42	20.09
		5825	1.29	6.42	20.09
11N40SISO	Ant1	5755	2.45	5.11	47.95
		5795	2.45	5.11	47.95

Test Graphs

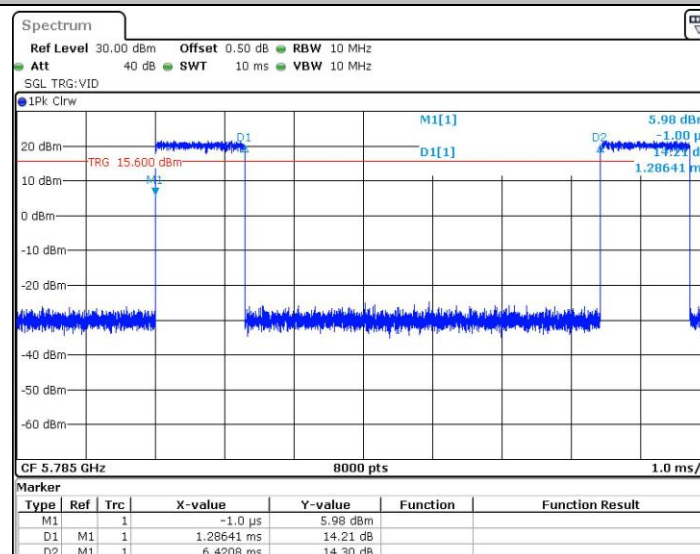




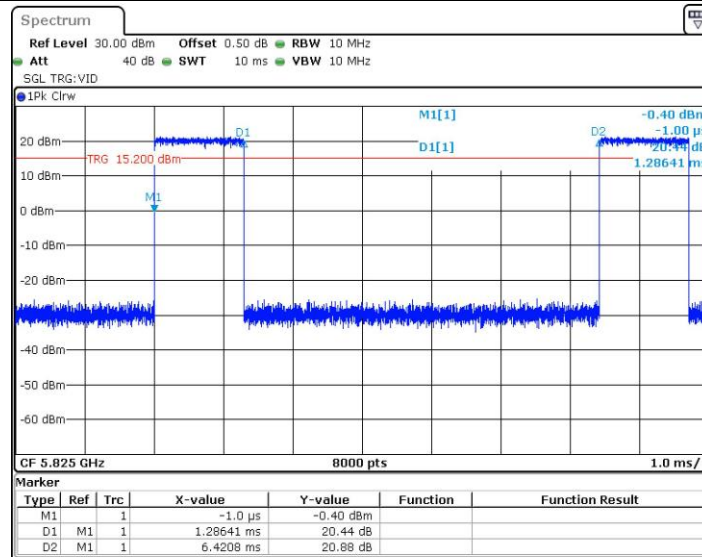
11A_Ant1_5825



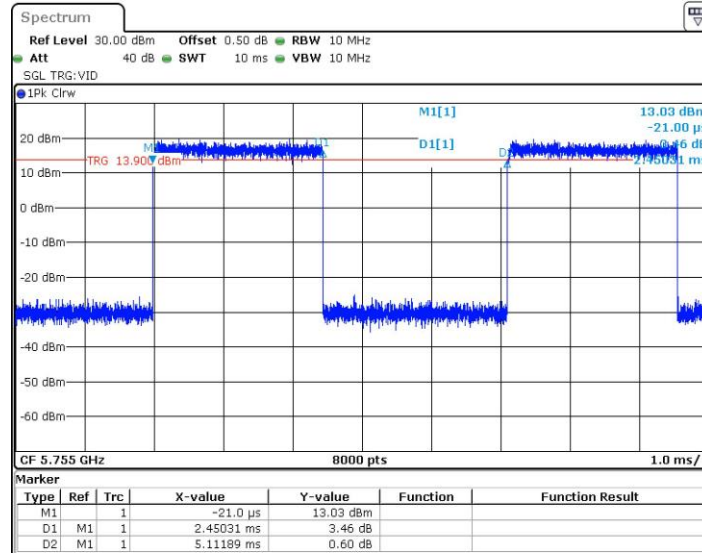
11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755

