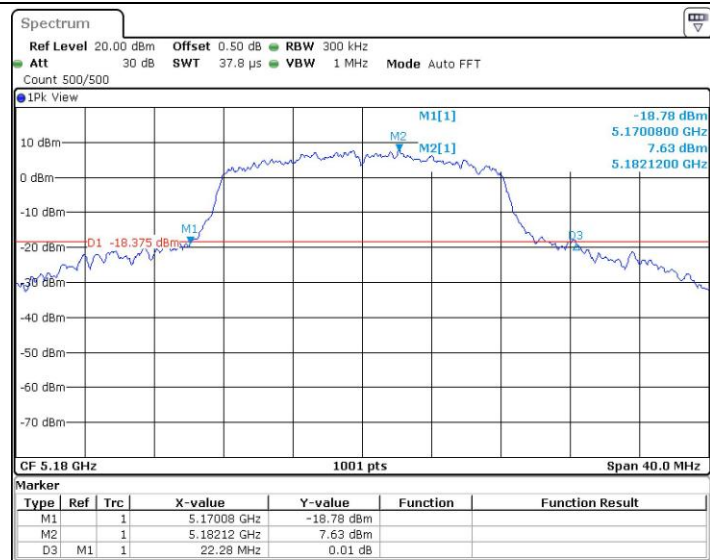


Appendix A1: Emission Bandwidth

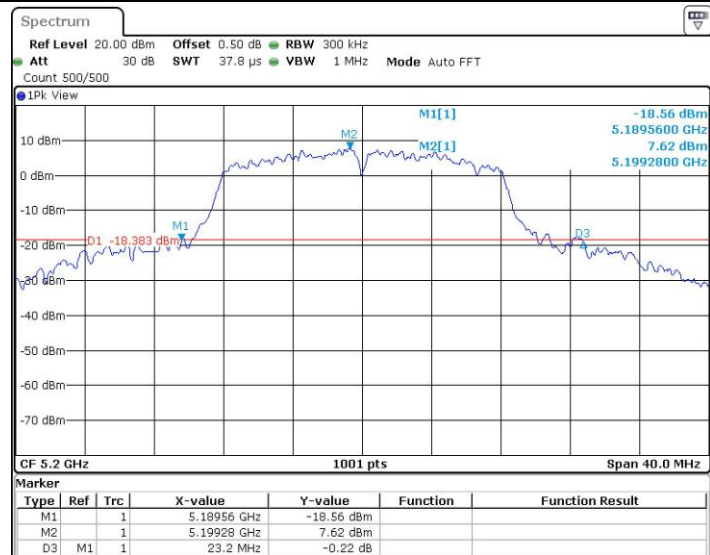
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.280	5170.080	5192.360	---	PASS
		5200	23.200	5189.560	5212.760	---	PASS
		5240	21.400	5229.000	5250.400	---	PASS
		5745	20.360	5735.120	5755.480	---	PASS
		5785	20.320	5775.160	5795.480	---	PASS
		5825	20.480	5814.960	5835.440	---	PASS
11N20SISO	Ant1	5180	22.400	5169.560	5191.960	---	PASS
		5200	22.800	5189.520	5212.320	---	PASS
		5240	22.640	5228.520	5251.160	---	PASS
		5745	20.880	5734.320	5755.200	---	PASS
		5785	20.680	5774.520	5795.200	---	PASS
		5825	20.440	5814.880	5835.320	---	PASS
11N40SISO	Ant1	5190	46.800	5170.800	5217.600	---	PASS
		5230	46.800	5210.800	5257.600	---	PASS
		5755	38.560	5735.800	5774.360	---	PASS
		5795	38.560	5775.800	5814.360	---	PASS

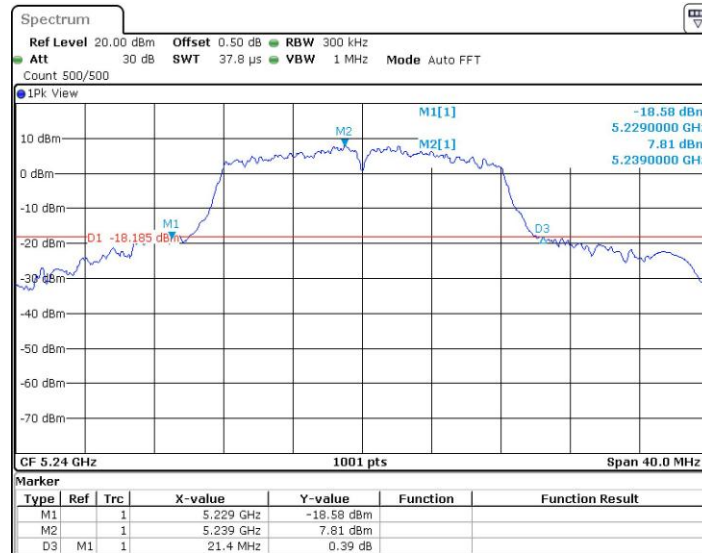
Test Graphs



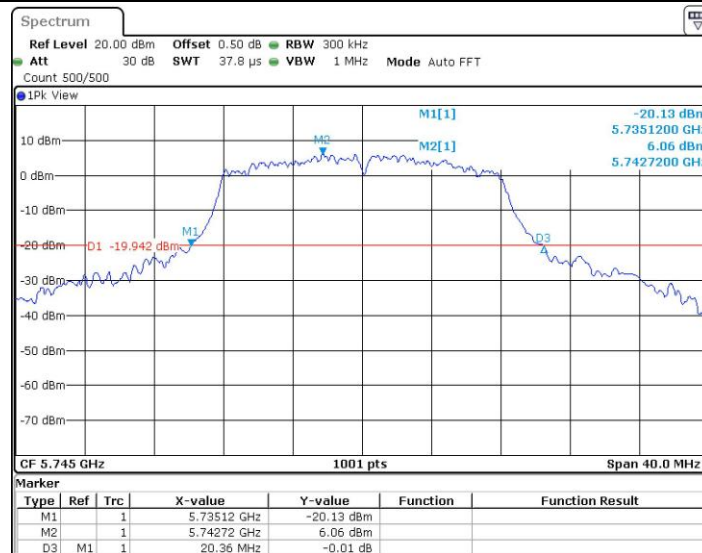
11A_Ant1_5180



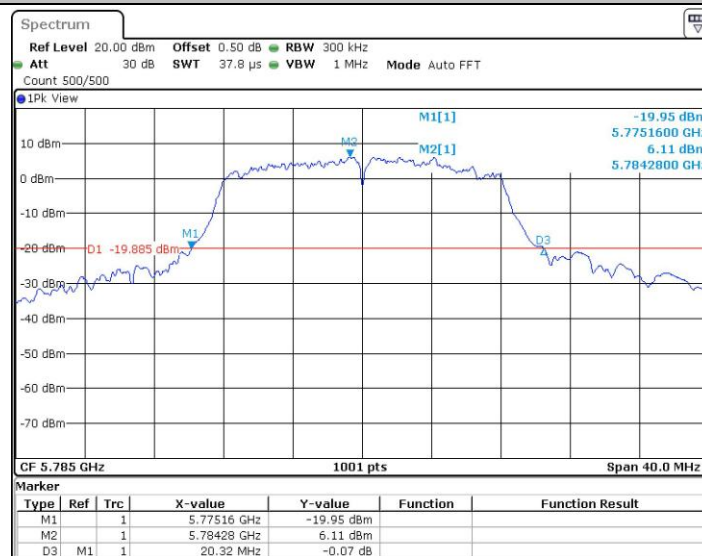
11A_Ant1_5200



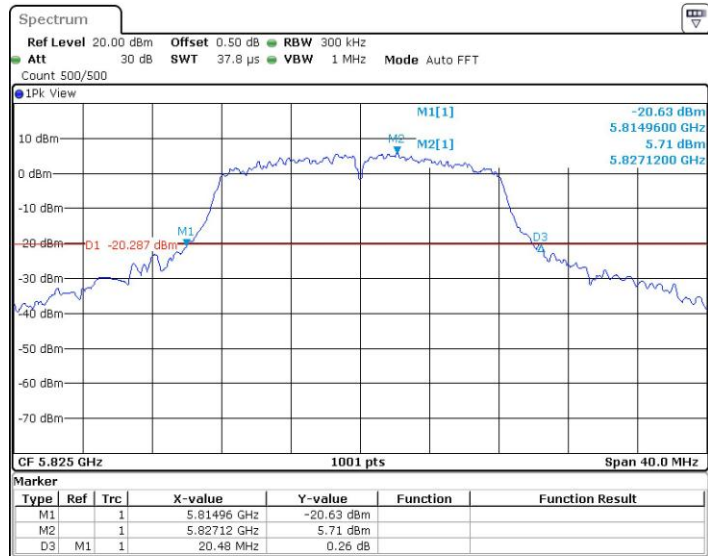
11A_Ant1_5240



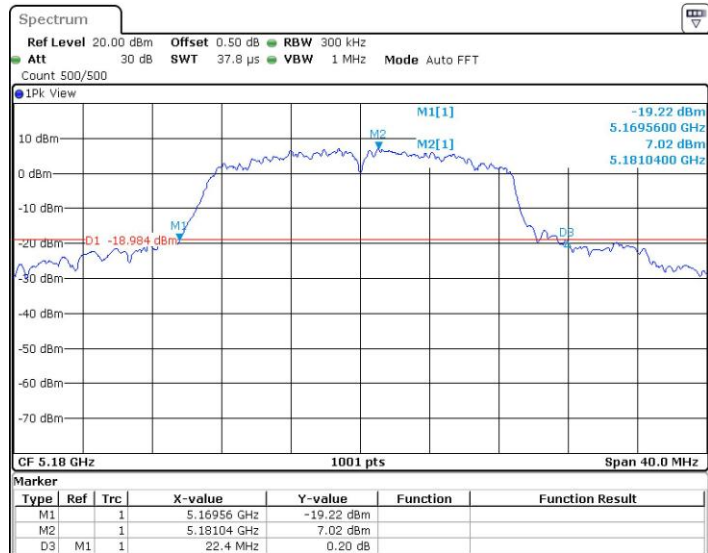
11A_Ant1_5745



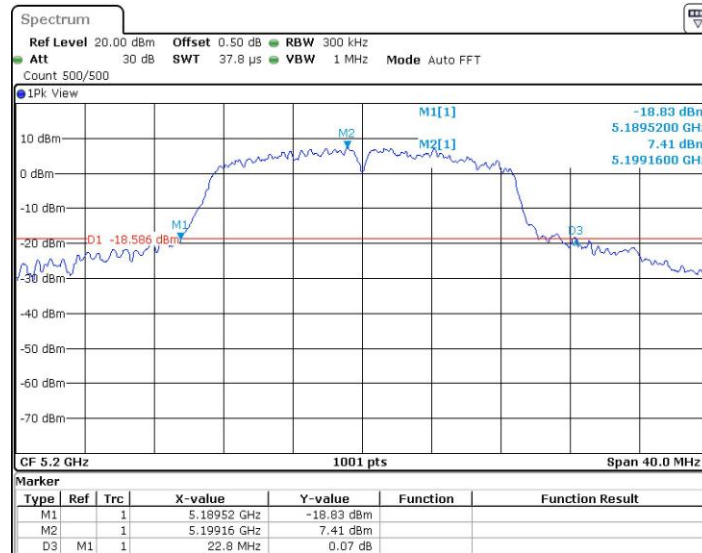
11A_Ant1_5785



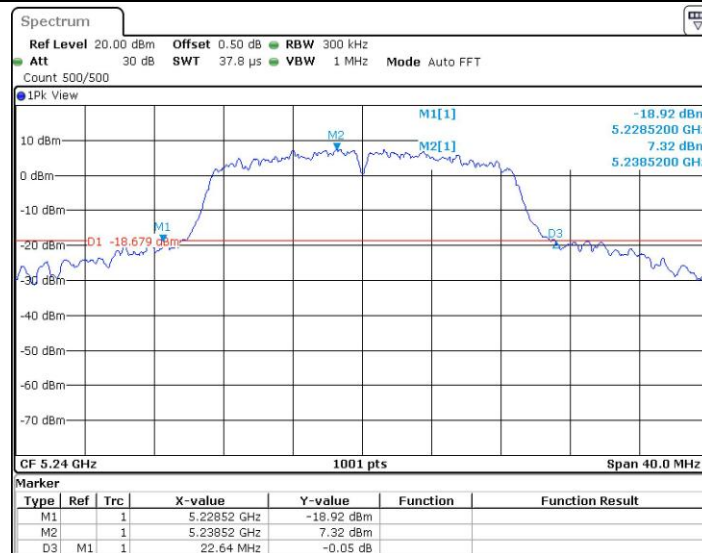
11A_Ant1_5825



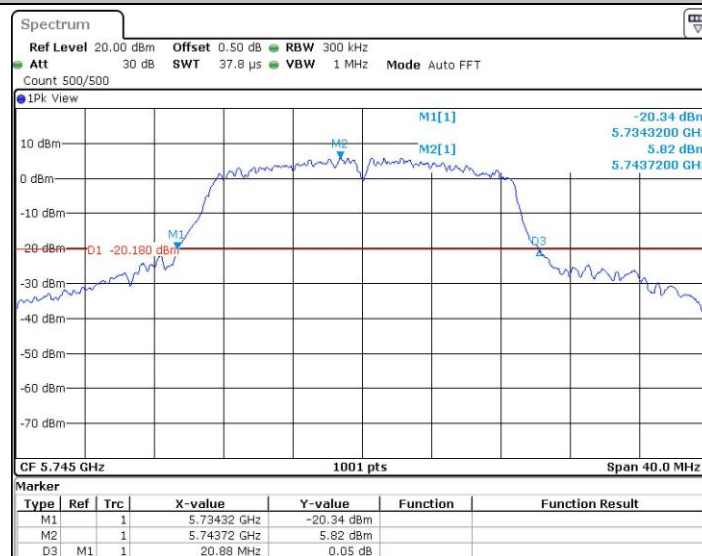
11N20SISO_Ant1_5180



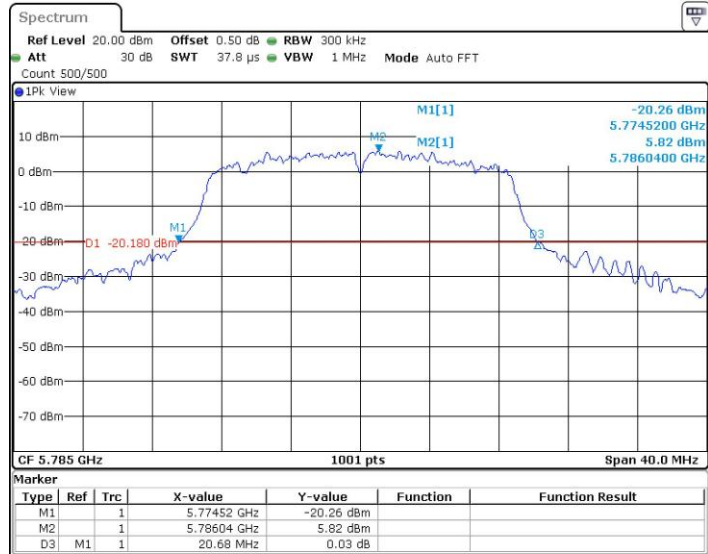
11N20SISO_Ant1_5200



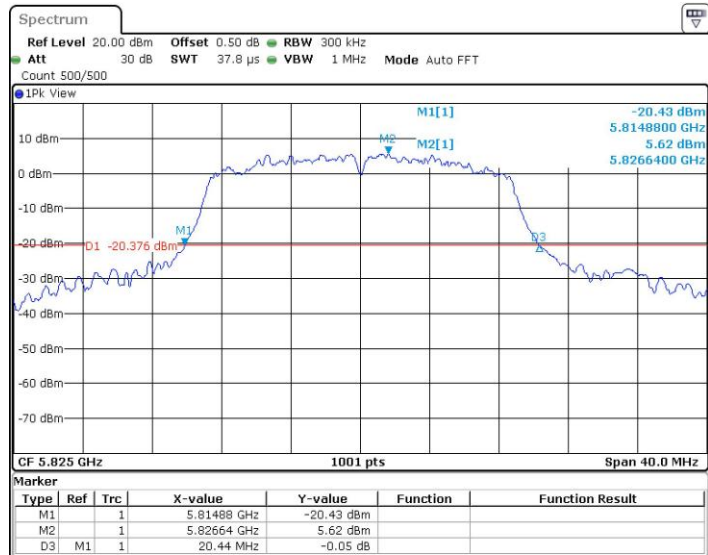
11N20SISO_Ant1_5240



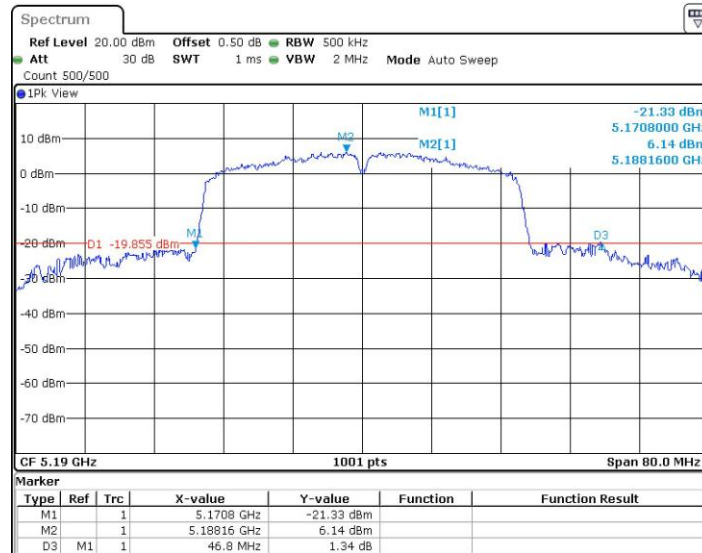
11N20SISO_Ant1_5745



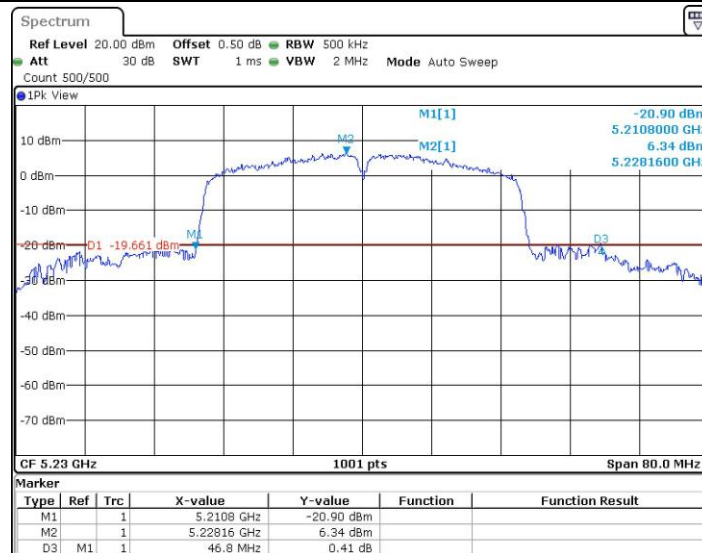
11N20SISO_Ant1_5785



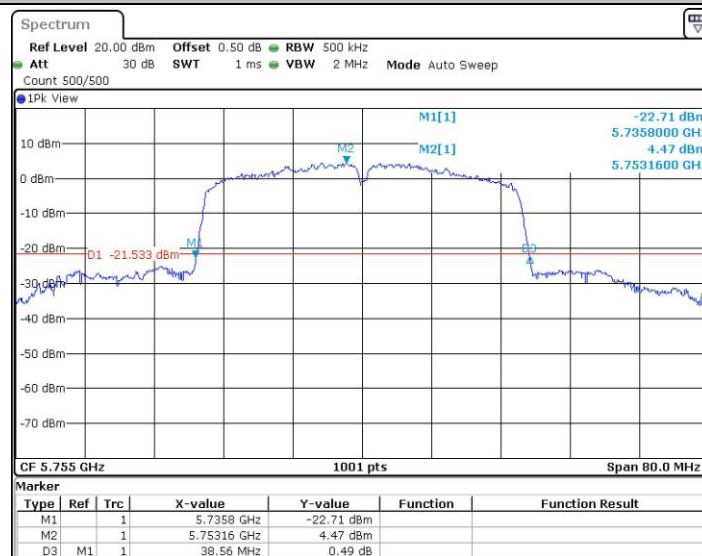
11N20SISO_Ant1_5825



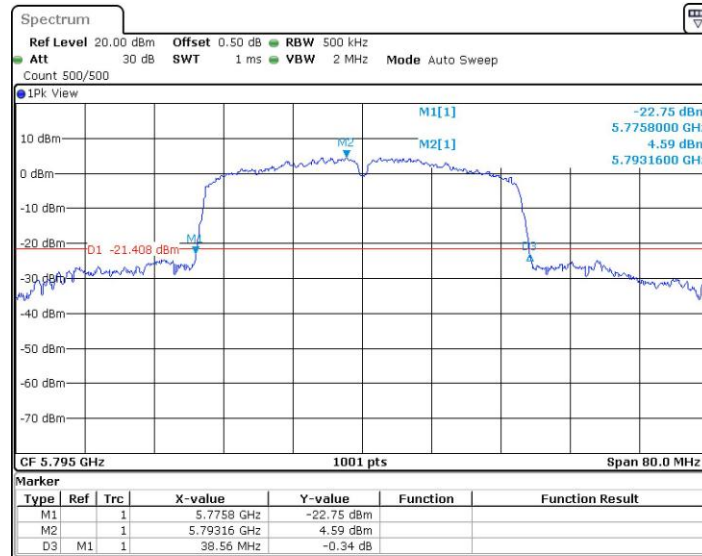
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



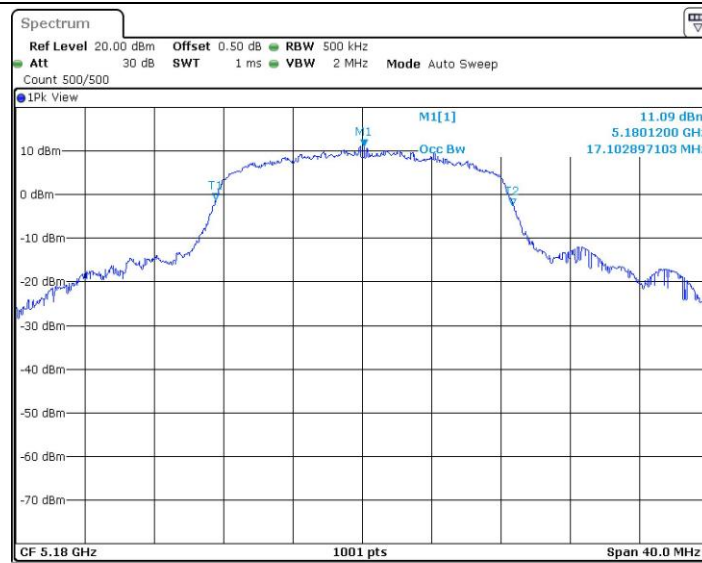
11N40SISO_Ant1_5795

Appendix A2: Occupied channel bandwidth

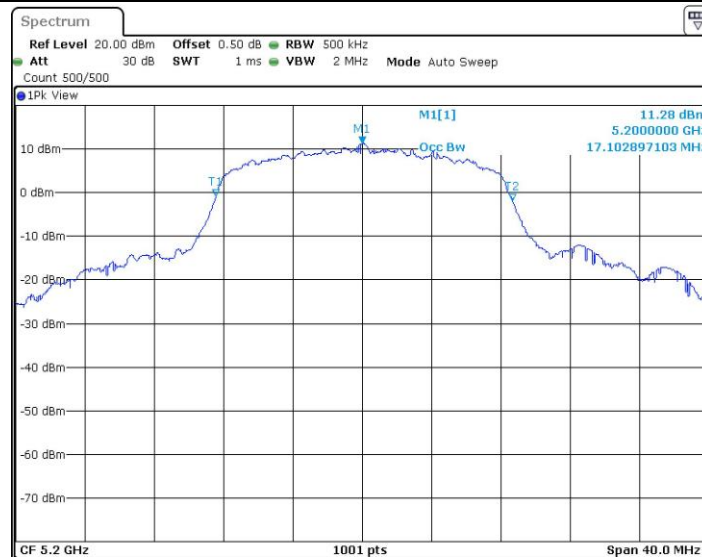
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.103	5171.568	5188.671	---	PASS
		5200	17.103	5191.568	5208.671	---	PASS
		5240	17.023	5231.568	5248.591	---	PASS
		5745	16.823	5736.648	5753.472	---	PASS
		5785	16.863	5776.648	5793.511	---	PASS
		5825	16.783	5816.688	5833.472	---	PASS
11N20SISO	Ant1	5180	18.222	5170.929	5189.151	---	PASS
		5200	18.262	5190.889	5209.151	---	PASS
		5240	18.222	5230.889	5249.111	---	PASS
		5745	17.942	5736.049	5753.991	---	PASS
		5785	17.982	5776.009	5793.991	---	PASS
		5825	17.902	5816.089	5833.991	---	PASS
11N40SISO	Ant1	5190	35.644	5172.258	5207.902	---	PASS
		5230	35.644	5212.178	5247.822	---	PASS
		5755	35.485	5737.258	5772.742	---	PASS
		5795	35.485	5777.258	5812.742	---	PASS

Test Graphs



11A_Ant1_5180



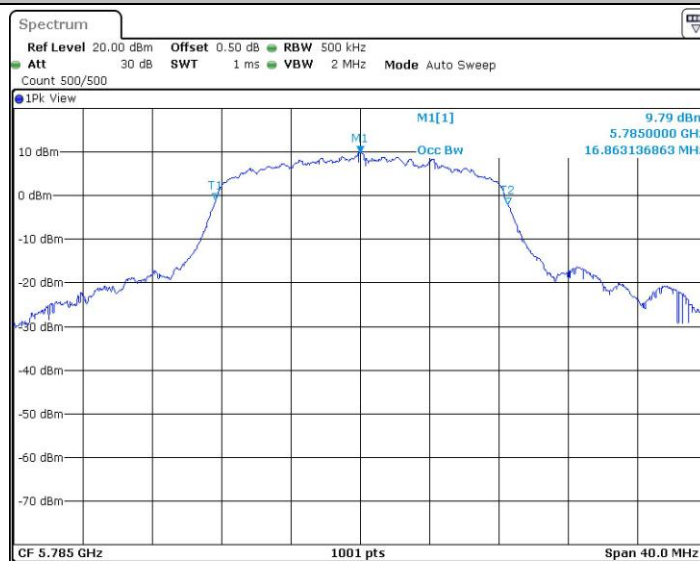
11A_Ant1_5200



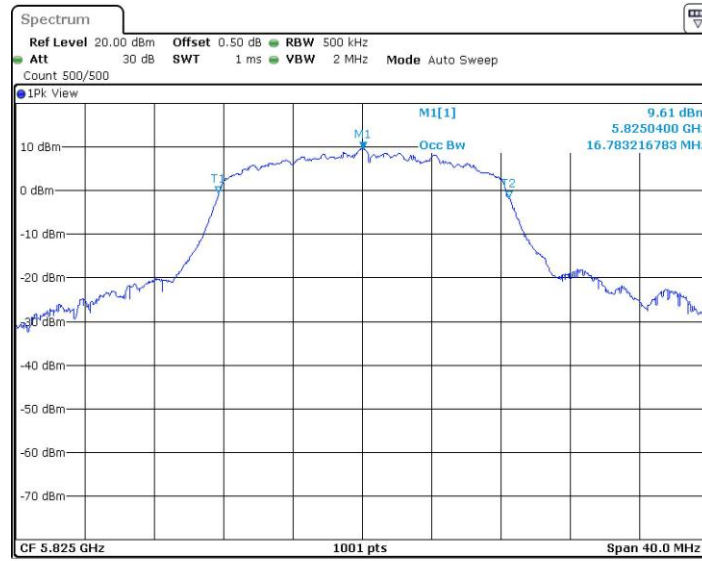
11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



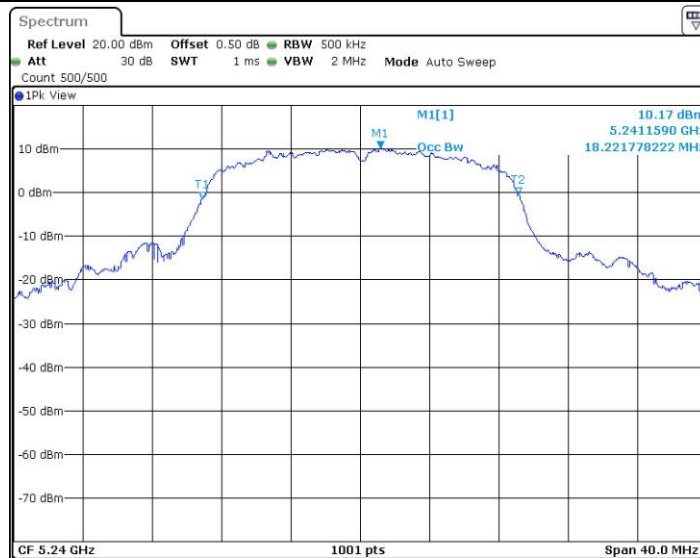
11A_Ant1_5825



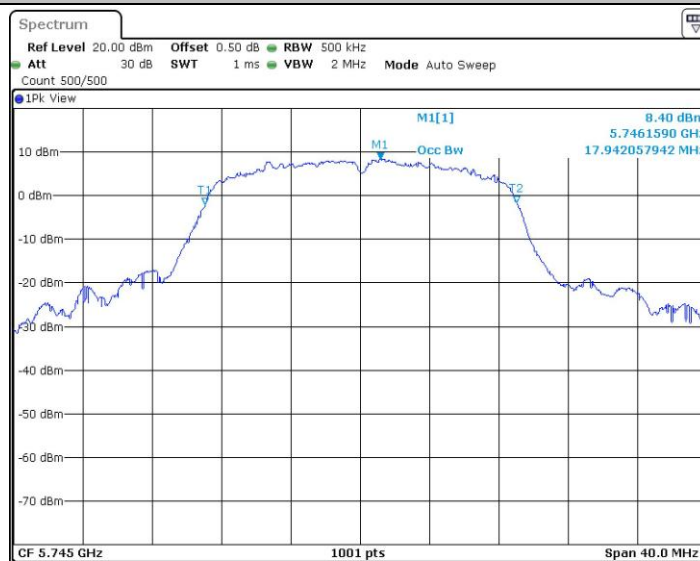
11N20SISO_Ant1_5180



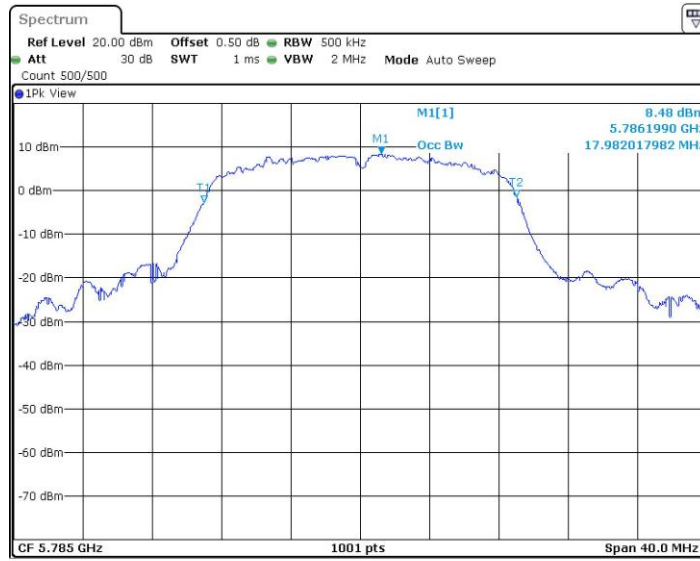
11N20SISO_Ant1_5200



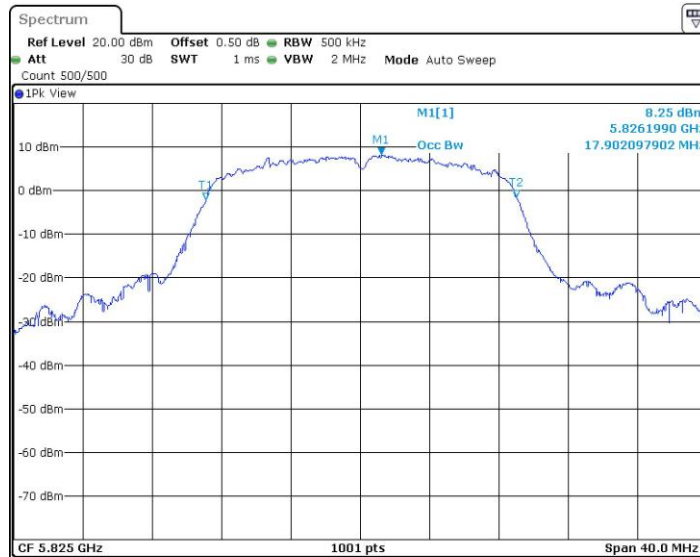
11N20SISO_Ant1_5240



11N20SISO_Ant1_5745



11N20SISO_Ant1_5785



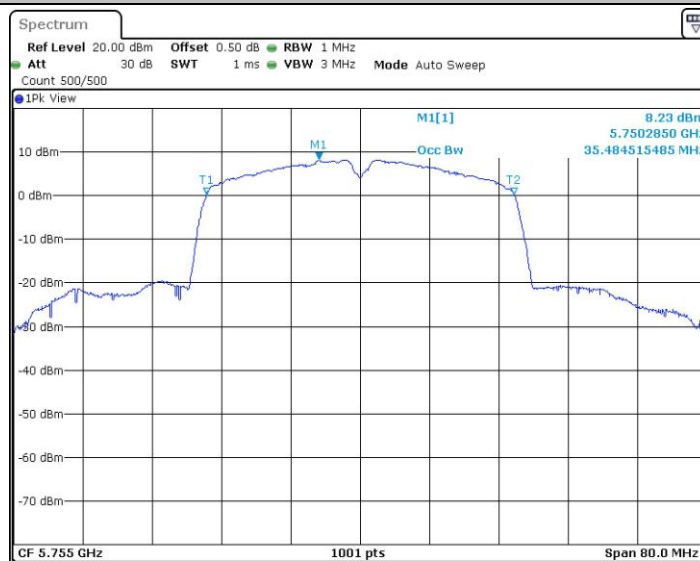
11N20SISO_Ant1_5825



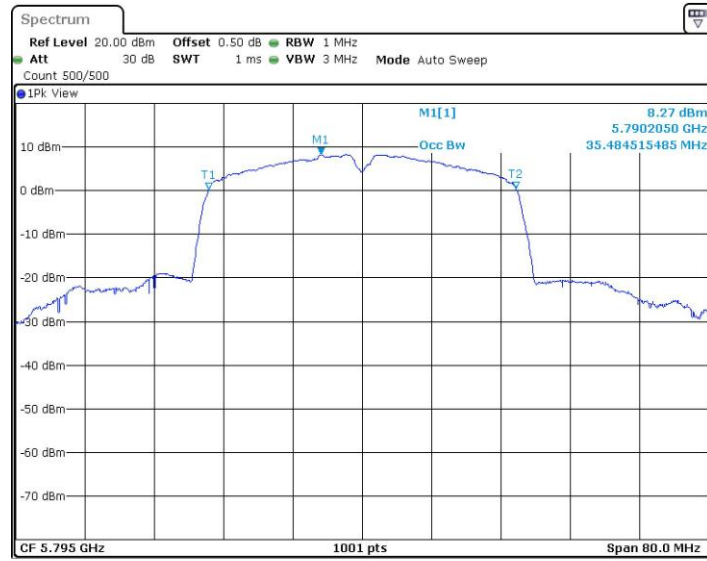
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



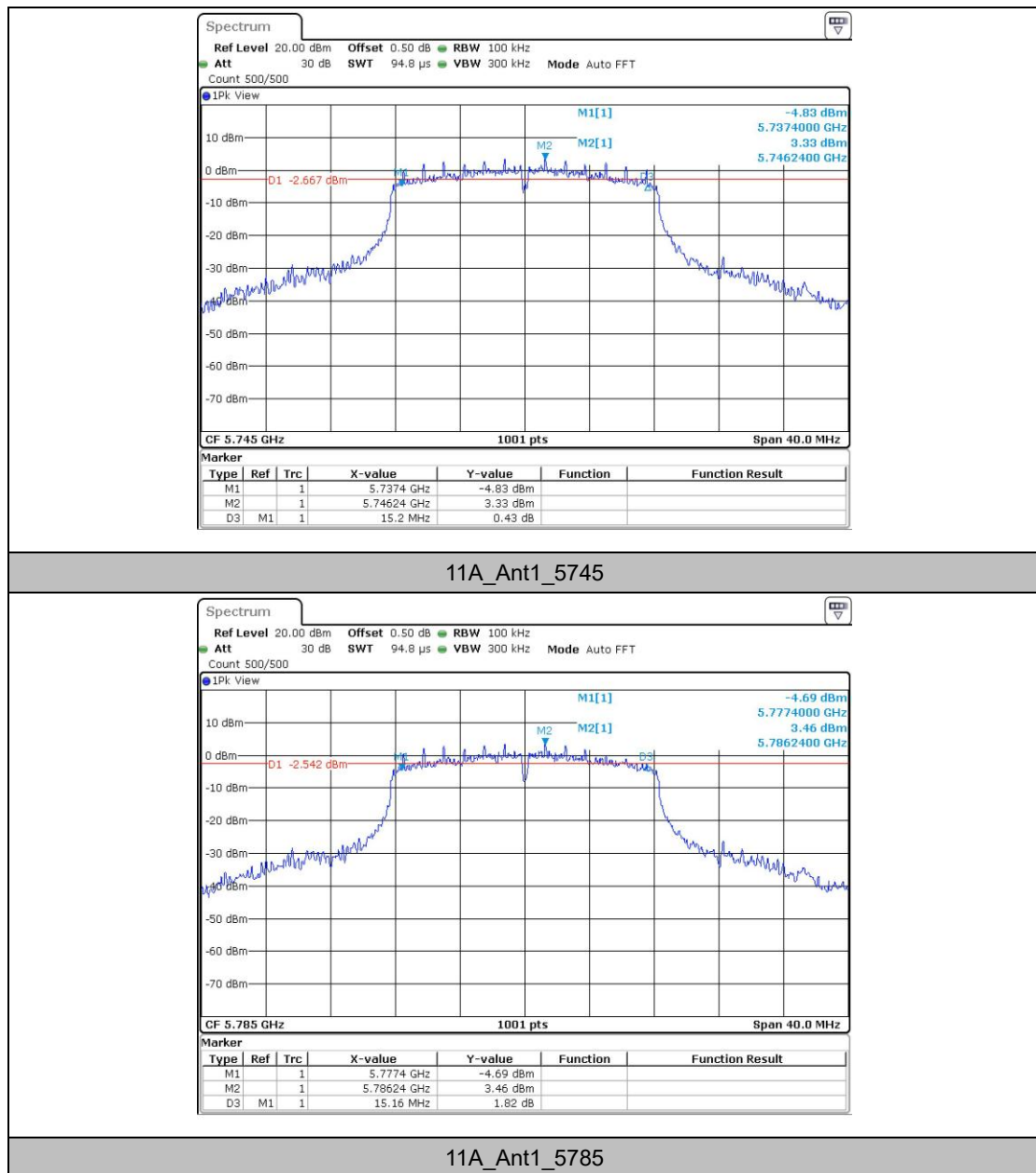
11N40SISO_Ant1_5795

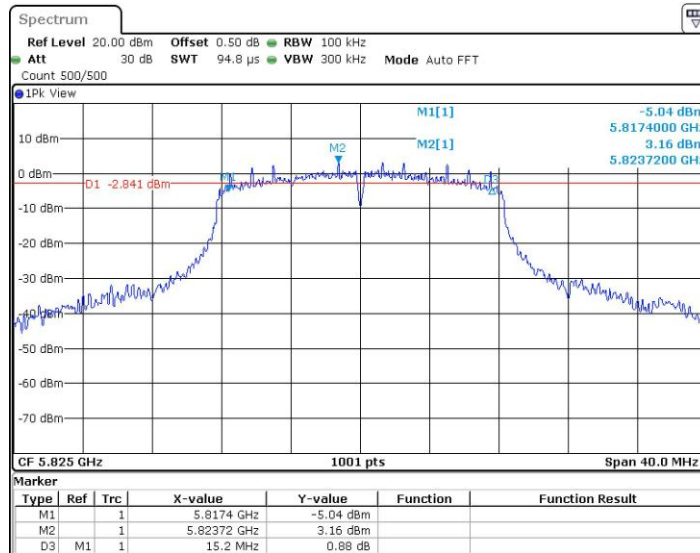
Appendix A3: Min emission bandwidth

Test Result

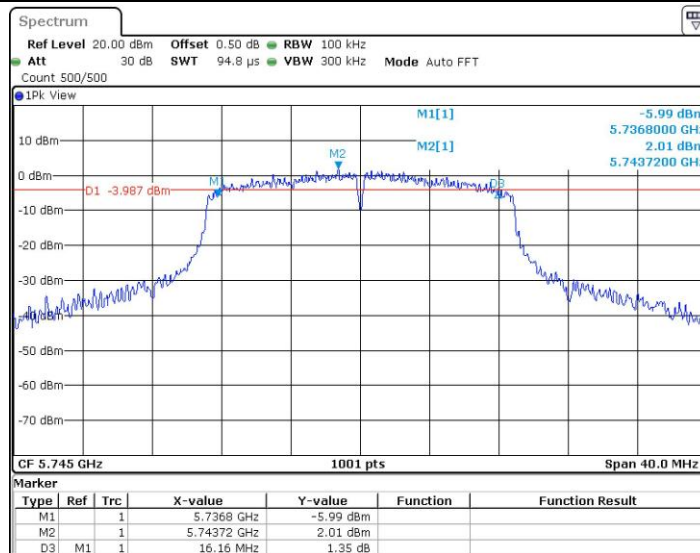
TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.200	5737.400	5752.600	0.5	PASS
		5785	15.160	5777.400	5792.560	0.5	PASS
		5825	15.200	5817.400	5832.600	0.5	PASS
11N20SISO	Ant1	5745	16.160	5736.800	5752.960	0.5	PASS
		5785	15.200	5777.400	5792.600	0.5	PASS
		5825	15.160	5817.400	5832.560	0.5	PASS
11N40SISO	Ant1	5755	31.520	5738.680	5770.200	0.5	PASS
		5795	31.520	5778.680	5810.200	0.5	PASS

Test Graphs

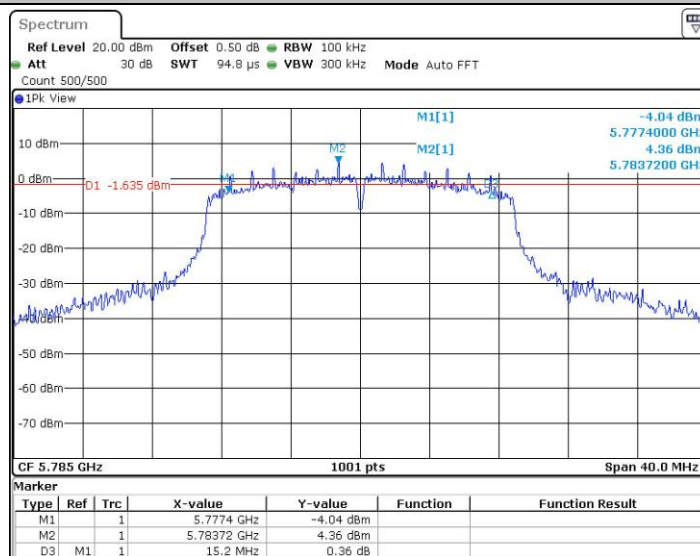




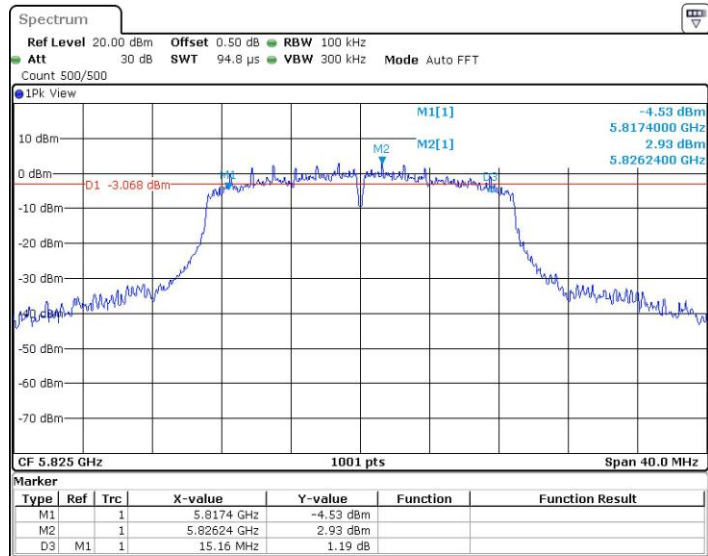
11A_Ant1_5825



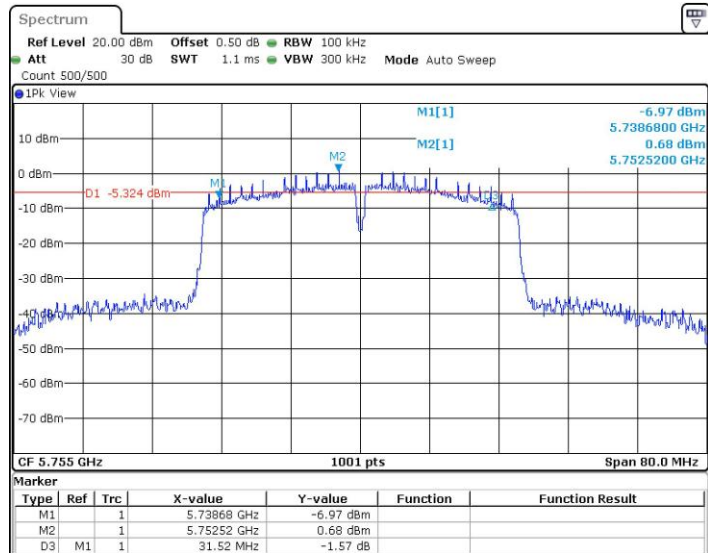
11N20SISO_Ant1_5745



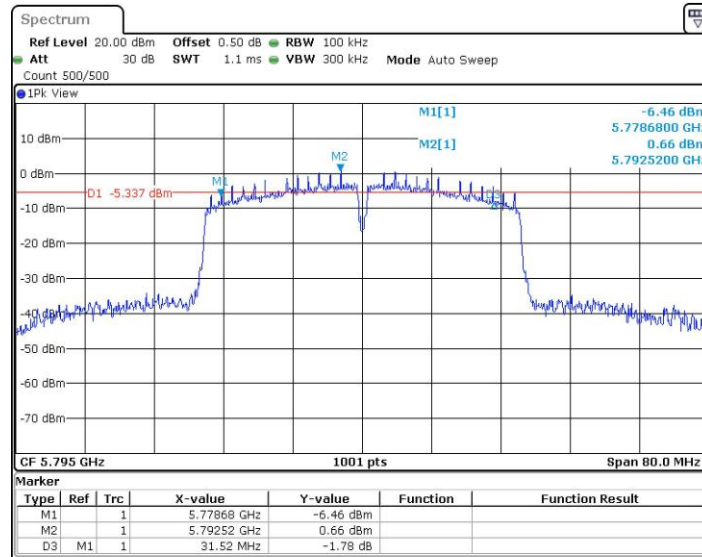
11N20SISO_Ant1_5785



11N20SISO_Ant1_5825



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

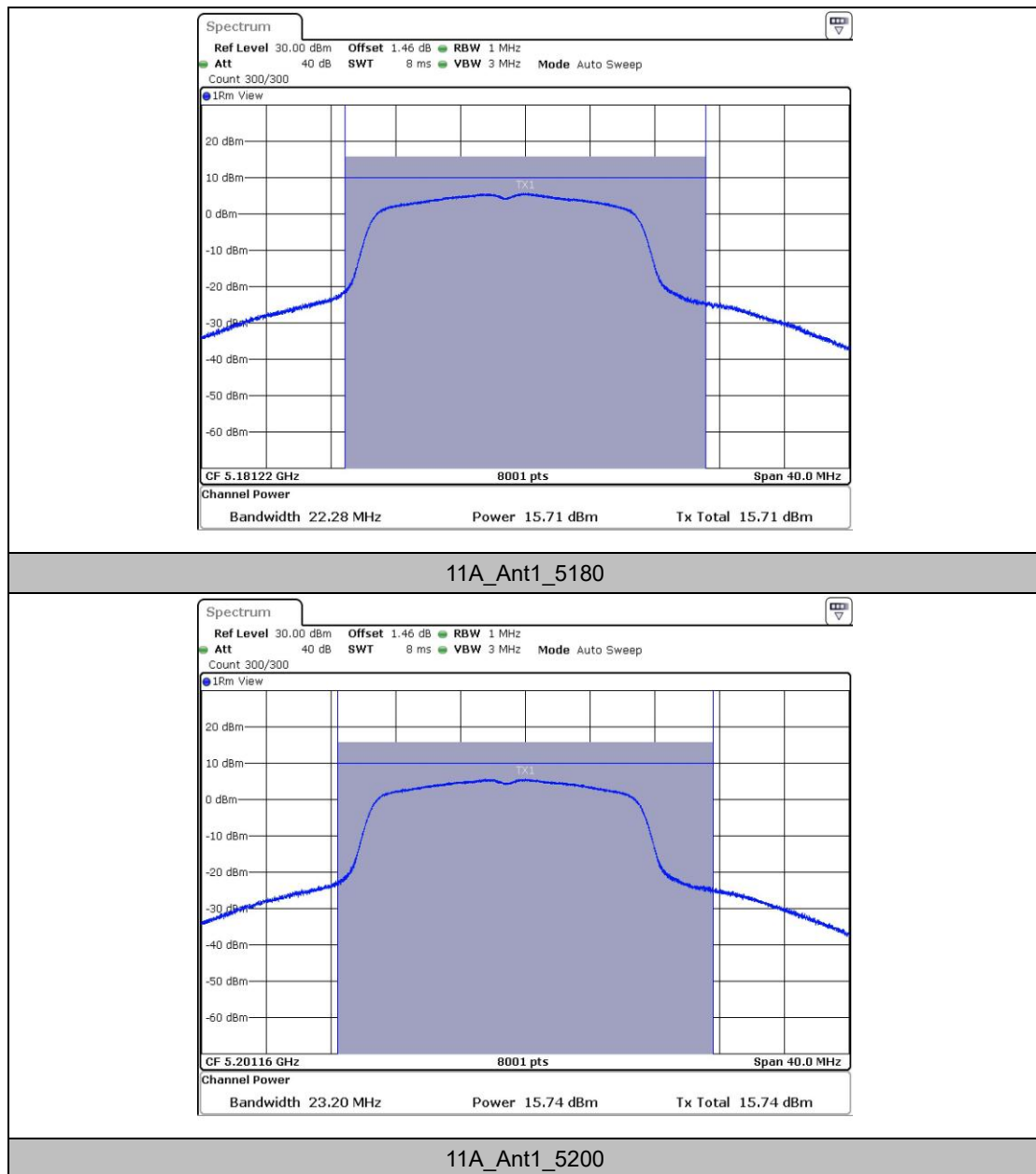
Appendix B: Maximum conducted output power

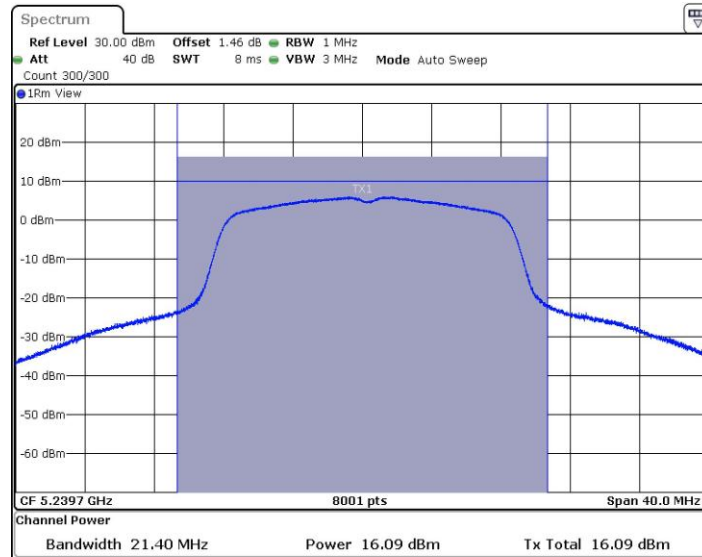
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11A	Ant1	5180	15.71	<=23.98	PASS
		5200	15.74	<=23.98	PASS
		5240	16.09	<=23.98	PASS
		5745	14.38	<=30	PASS
		5785	14.51	<=30	PASS
		5825	14.37	<=30	PASS
11N20SISO	Ant1	5180	15.63	<=23.98	PASS
		5200	15.87	<=23.98	PASS
		5240	16.24	<=23.98	PASS
		5745	14.51	<=30	PASS
		5785	14.57	<=30	PASS
		5825	14.26	<=30	PASS
11N40SISO	Ant1	5190	15.06	<=23.98	PASS
		5230	15.46	<=23.98	PASS
		5755	14.54	<=30	PASS
		5795	14.83	<=30	PASS

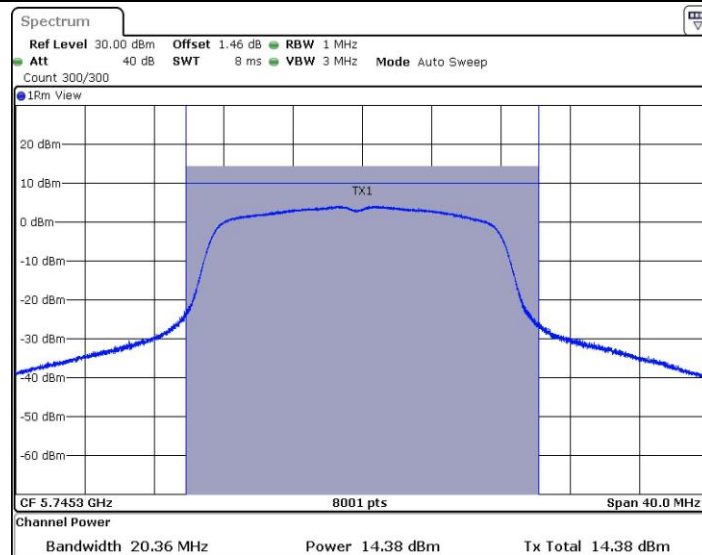
Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs

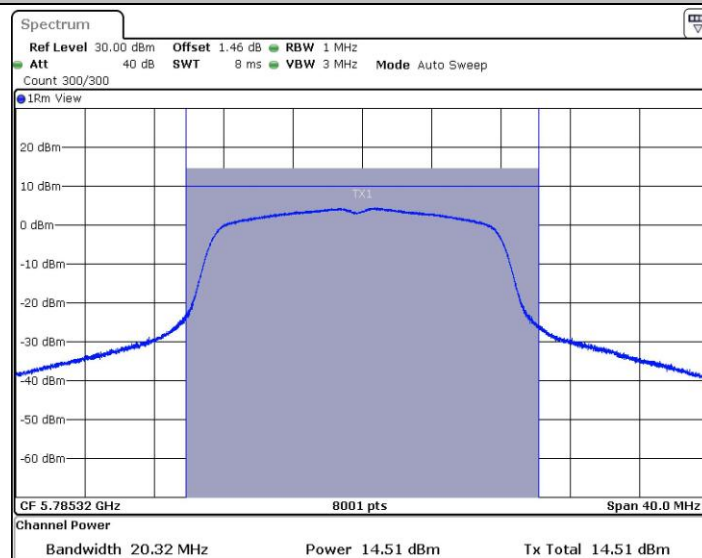




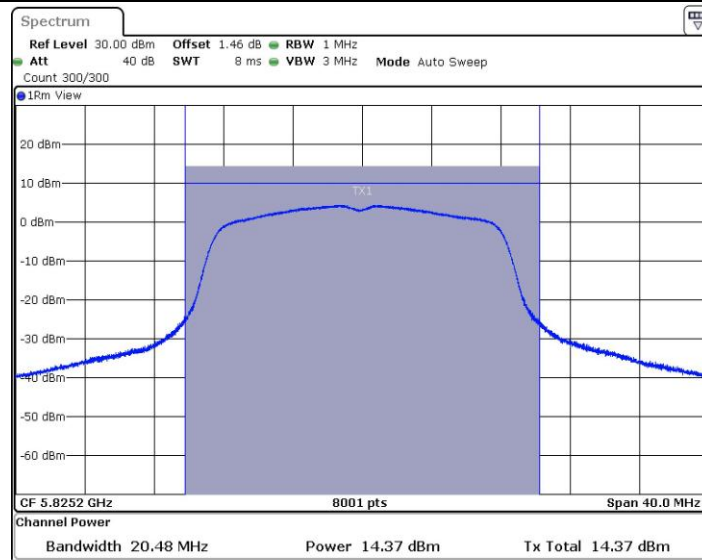
11A_Ant1_5240



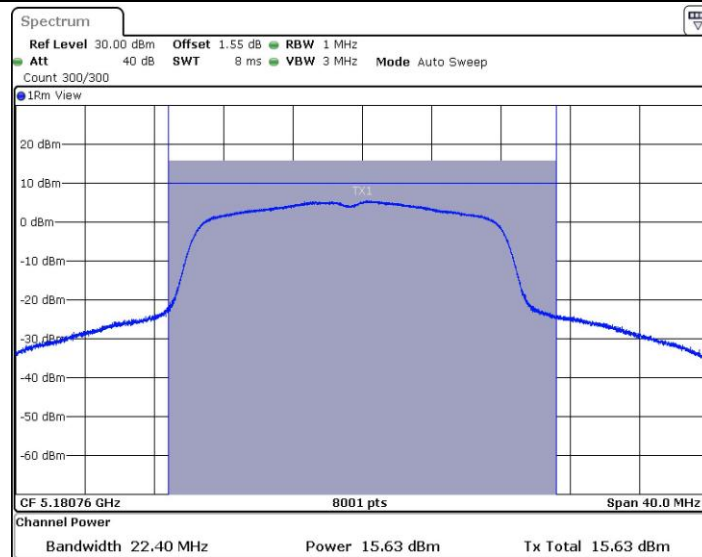
11A_Ant1_5745



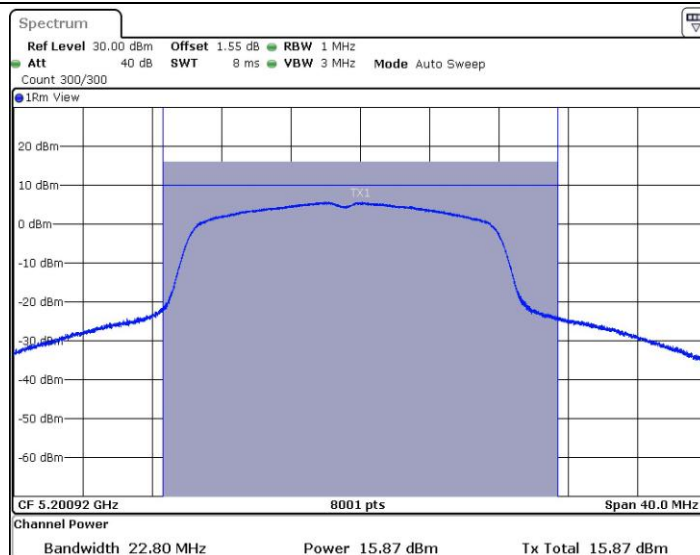
11A_Ant1_5785



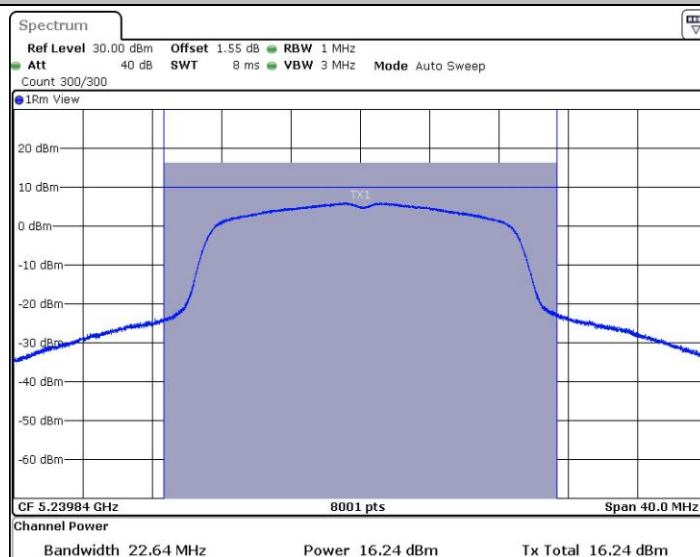
11A_Ant1_5825



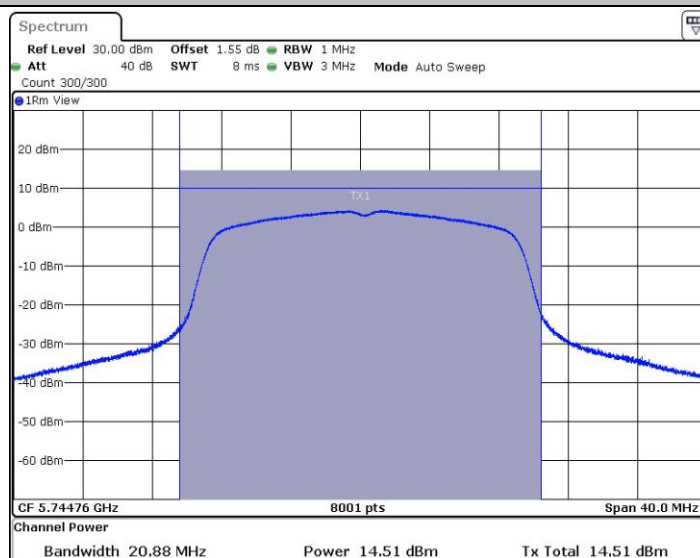
11N20SISO_Ant1_5180



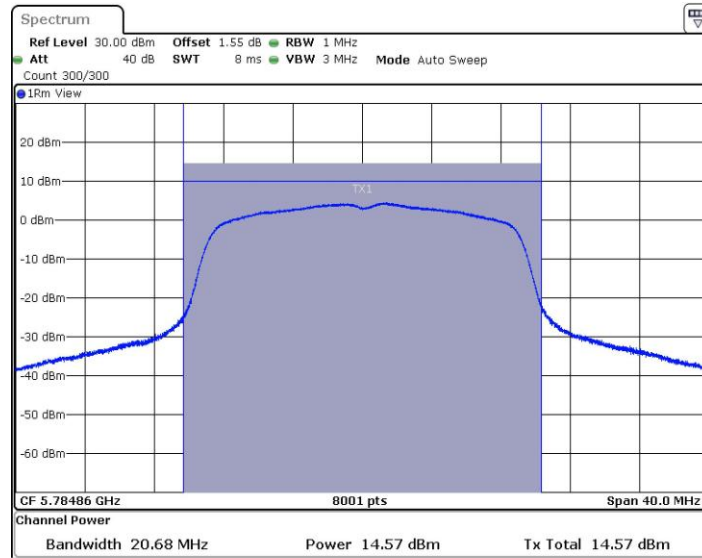
11N20SISO_Ant1_5200



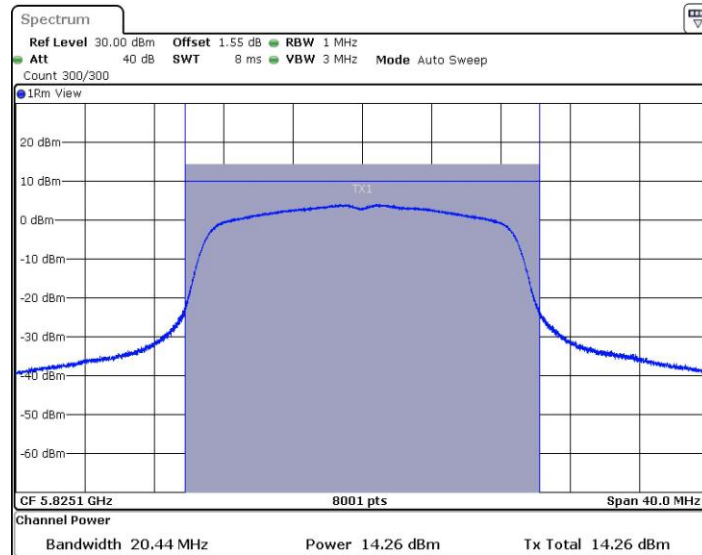
11N20SISO_Ant1_5240



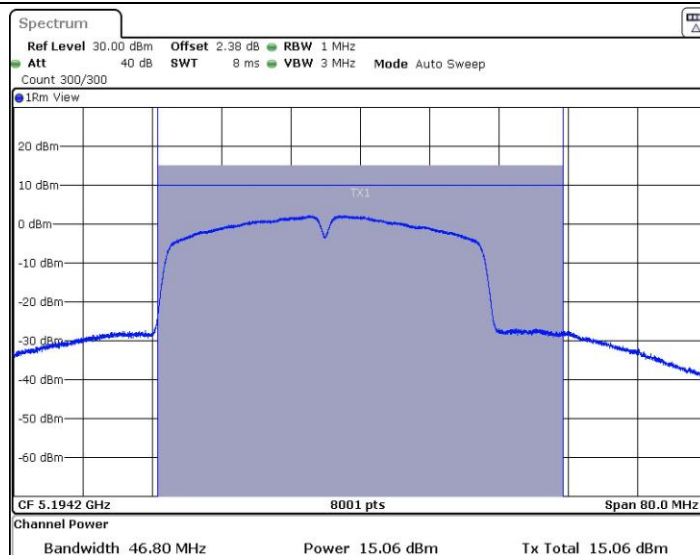
11N20SISO_Ant1_5745



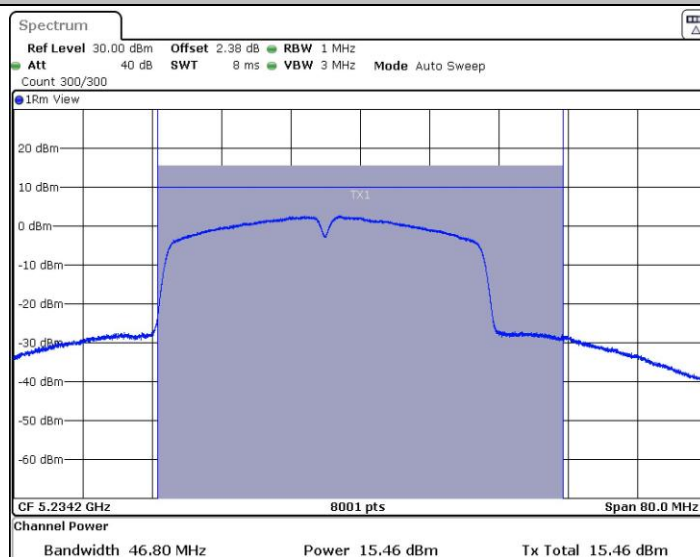
11N20SISO_Ant1_5785



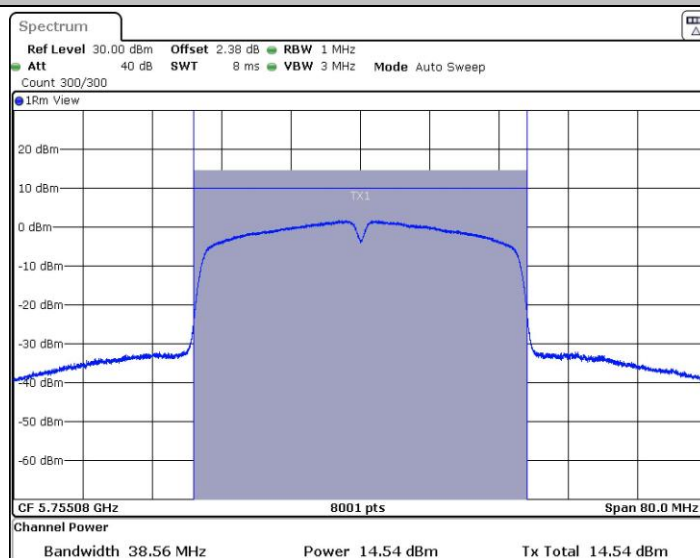
11N20SISO_Ant1_5825



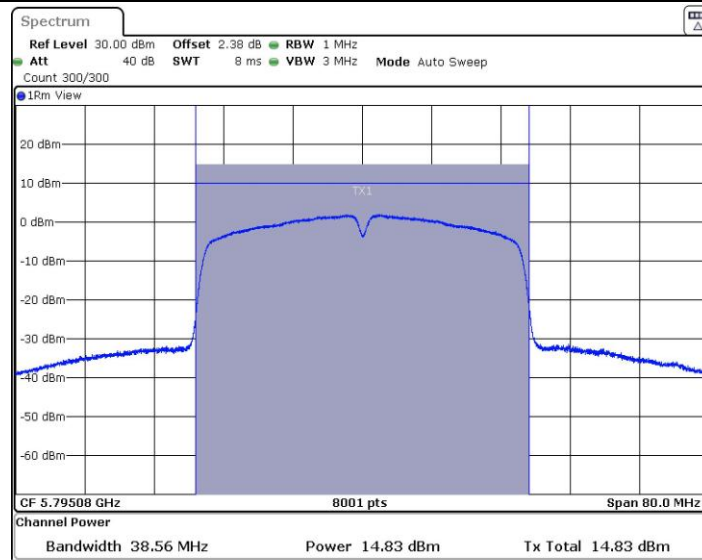
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

Appendix C: Maximum power spectral density

Test Result

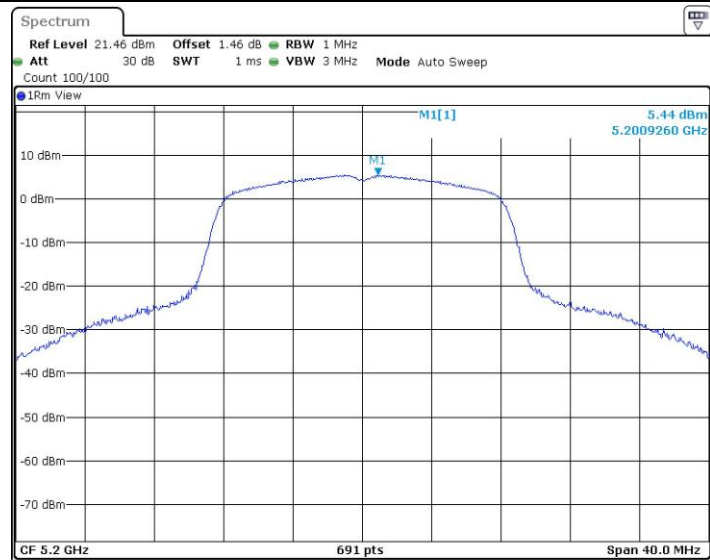
TestMode	Antenna	Channel	Result[dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	5.64	<=11	PASS
		5200	5.44	<=11	PASS
		5240	5.9	<=11	PASS
		5745	1.39	<=30	PASS
		5785	1.6	<=30	PASS
		5825	1.43	<=30	PASS
11N20SISO	Ant1	5180	5.54	<=11	PASS
		5200	5.72	<=11	PASS
		5240	6.01	<=11	PASS
		5745	1.43	<=30	PASS
		5785	1.53	<=30	PASS
		5825	1.3	<=30	PASS
11N40SISO	Ant1	5190	2.06	<=11	PASS
		5230	2.49	<=11	PASS
		5755	-1.35	<=30	PASS
		5795	-0.64	<=30	PASS

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

Test Graphs



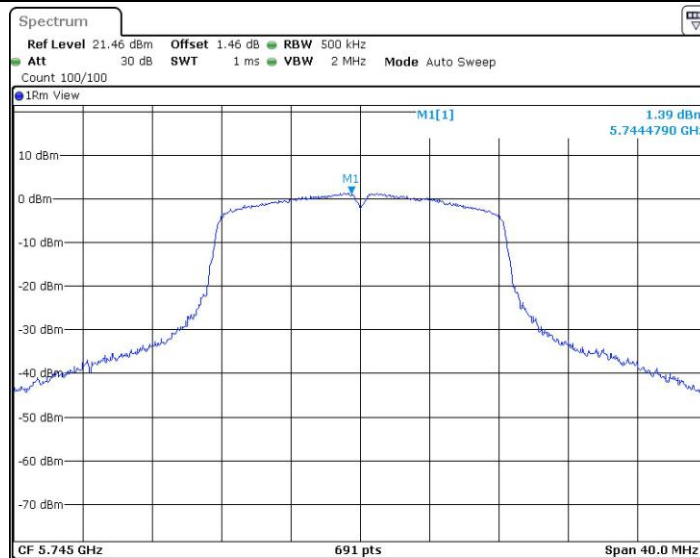
11A_Ant1_5180



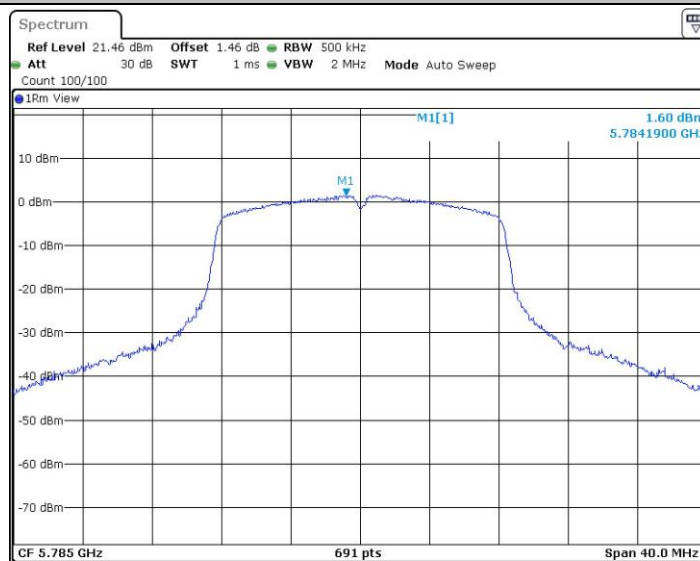
11A_Ant1_5200



11A_Ant1_5240



11A_Ant1_5745



11A_Ant1_5785



11A_Ant1_5825



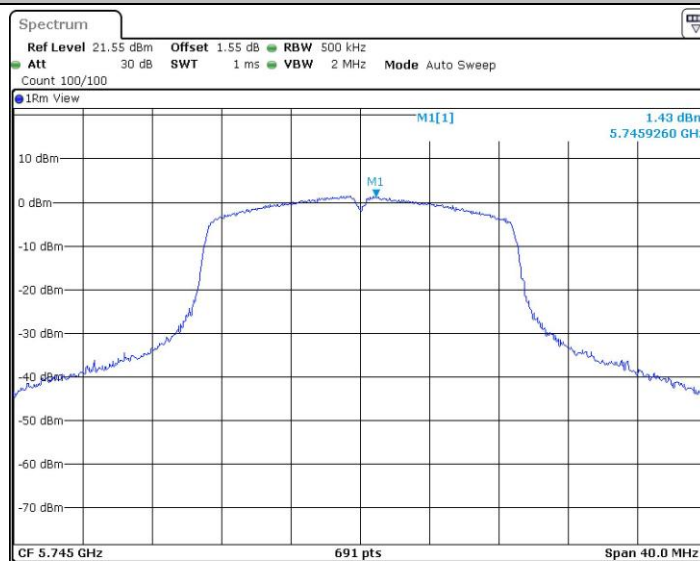
11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



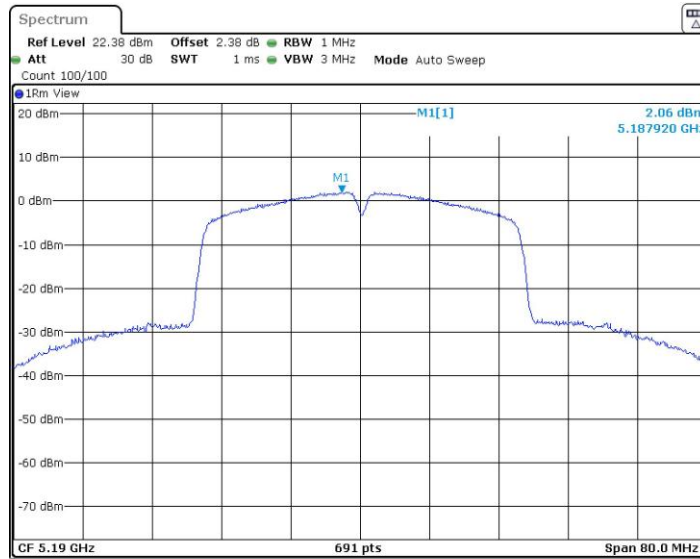
11N20SISO_Ant1_5745



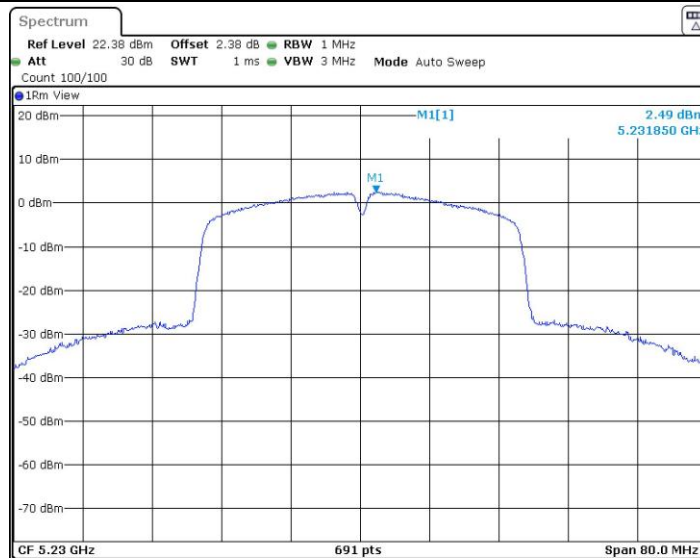
11N20SISO_Ant1_5785



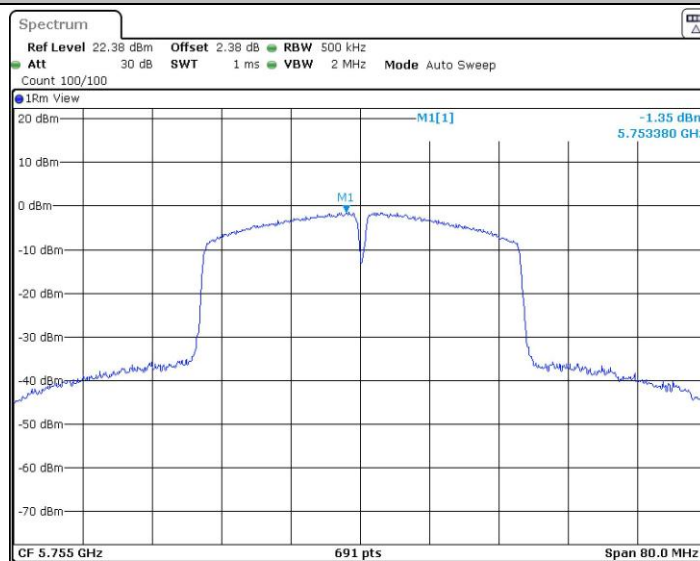
11N20SISO_Ant1_5825



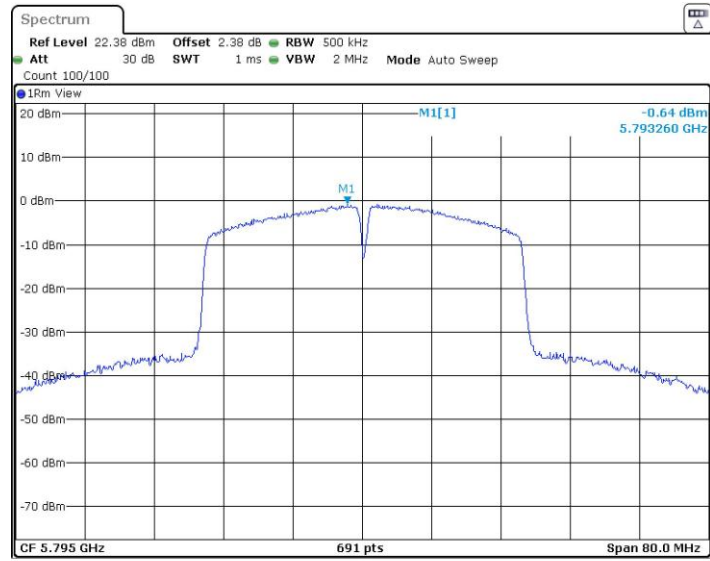
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

Appendix D: Frequency Stability

Test Result

TestMod e	Antenn a	Channe l	Voltage					Verdict
			Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
11A	Ant1	5180	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5745	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5785	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
		5825	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS
11N20SI SO	Ant1	5180	NV	NT	40000	7.722008	20	PASS
			LV	NT	-20000	-3.861004	20	PASS
			HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.846154	20	PASS
		5240	NV	NT	-20000	-3.816794	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-20000	-3.816794	20	PASS
		5745	NV	NT	-20000	-3.481288	20	PASS
			LV	NT	-20000	-3.481288	20	PASS
			HV	NT	-20000	-3.481288	20	PASS
		5785	NV	NT	-20000	-3.457217	20	PASS
			LV	NT	20000	3.457217	20	PASS
			HV	NT	20000	3.457217	20	PASS
		5825	NV	NT	-40000	-6.866953	20	PASS
			LV	NT	-40000	-6.866953	20	PASS

			HV	NT	-20000	-3.433476	20	PASS
11N40SI SO	Ant1	5190	NV	NT	0	0	20	PASS
			LV	NT	-80000	-15.414258	20	PASS
			HV	NT	0	0	20	PASS
		5230	NV	NT	0	0	20	PASS
			LV	NT	40000	7.648184	20	PASS
			HV	NT	-40000	-7.648184	20	PASS
		5755	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	-40000	-6.950478	20	PASS
		5795	NV	NT	0	0	20	PASS
			LV	NT	0	0	20	PASS
			HV	NT	0	0	20	PASS

Temperature								
TestMod e	Antenn a	Channe l	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	20000	3.861004	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	20000	3.861004	20	PASS
		5200	NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5240	NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	20000	3.816794	20	PASS
			NV	50	0	0	20	PASS
		5745	NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS

			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
		5785	NV	-10	0	0	20	PASS
			NV	0	0	0	20	PASS
			NV	10	20000	3.457217	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
			NV	-10	0	0	20	PASS
		5825	NV	0	20000	3.433476	20	PASS
			NV	10	20000	3.433476	20	PASS
			NV	20	0	0	20	PASS
			NV	30	0	0	20	PASS
			NV	40	0	0	20	PASS
			NV	50	0	0	20	PASS
11N20SI SO	Ant1	5180	NV	-10	0	0	20	PASS
			NV	0	20000	3.861004	20	PASS
			NV	10	0	0	20	PASS
			NV	20	0	0	20	PASS
			NV	30	-20000	-3.861004	20	PASS
			NV	40	-20000	-3.861004	20	PASS
			NV	50	20000	3.861004	20	PASS
		5200	NV	-10	20000	3.846154	20	PASS
			NV	0	0	0	20	PASS
			NV	10	40000	7.692308	20	PASS
			NV	20	20000	3.846154	20	PASS
			NV	30	0	0	20	PASS
			NV	40	20000	3.846154	20	PASS
			NV	50	-20000	-3.846154	20	PASS
		5240	NV	-10	-20000	-3.816794	20	PASS
			NV	0	0	0	20	PASS
			NV	10	-20000	-3.816794	20	PASS
			NV	20	-20000	-3.816794	20	PASS
			NV	30	-20000	-3.816794	20	PASS
			NV	40	-40000	-7.633588	20	PASS
			NV	50	-20000	-3.816794	20	PASS
		5745	NV	-10	-20000	-3.481288	20	PASS
			NV	0	0	0	20	PASS
			NV	10	20000	3.481288	20	PASS
			NV	20	-20000	-3.481288	20	PASS
			NV	30	20000	3.481288	20	PASS
			NV	40	-40000	-6.962576	20	PASS

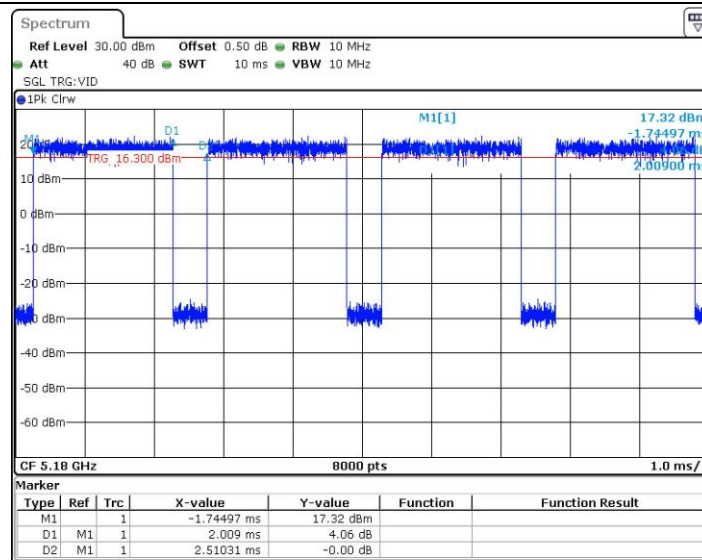
			NV	50	20000	3.481288	20	PASS
		5785	NV	-10	40000	6.914434	20	PASS
			NV	0	-20000	-3.457217	20	PASS
			NV	10	-20000	-3.457217	20	PASS
			NV	20	20000	3.457217	20	PASS
			NV	30	20000	3.457217	20	PASS
			NV	40	0	0	20	PASS
			NV	50	-20000	-3.457217	20	PASS
			5825	NV	-10	20000	3.433476	20
		NV		0	20000	3.433476	20	PASS
		NV		10	40000	6.866953	20	PASS
		NV		20	-20000	-3.433476	20	PASS
		NV		30	-20000	-3.433476	20	PASS
		NV		40	20000	3.433476	20	PASS
		NV		50	-20000	-3.433476	20	PASS
		11N40SI SO		Ant1	5190	NV	-10	0
NV	0		0			0	20	PASS
NV	10		0			0	20	PASS
NV	20		0			0	20	PASS
NV	30		0			0	20	PASS
NV	40		0			0	20	PASS
NV	50		0			0	20	PASS
5230	NV		-10			0	0	20
	NV		0		0	0	20	PASS
	NV		10		0	0	20	PASS
	NV		20		0	0	20	PASS
	NV		30		0	0	20	PASS
	NV		40		0	0	20	PASS
	NV		50		0	0	20	PASS
	5755		NV		-10	0	0	20
NV			0		-40000	-6.950478	20	PASS
NV			10		0	0	20	PASS
NV			20		0	0	20	PASS
NV			30		0	0	20	PASS
NV			40		0	0	20	PASS
NV			50		0	0	20	PASS
5795			NV		-10	0	0	20
	NV		0		-40000	-6.902502	20	PASS
	NV		10		-40000	-6.902502	20	PASS
	NV		20		-40000	-6.902502	20	PASS
	NV		30		-40000	-6.902502	20	PASS
	NV		40		-40000	-6.902502	20	PASS
	NV		50		0	0	20	PASS

Appendix E: Duty Cycle

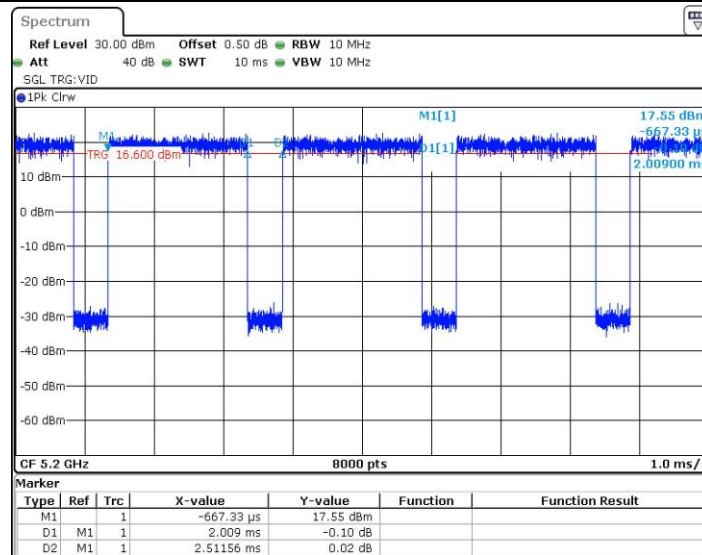
Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11A	Ant1	5180	2.01	2.51	80.08
		5200	2.01	2.51	80.08
		5240	2.01	2.51	80.08
		5745	2.01	2.51	80.08
		5785	2.01	2.51	80.08
		5825	2.01	2.51	80.08
11N20SISO	Ant1	5180	1.87	2.38	78.57
		5200	1.87	2.38	78.57
		5240	1.87	2.38	78.57
		5745	1.87	2.38	78.57
		5785	1.87	2.38	78.57
		5825	1.87	2.38	78.57
11N40SISO	Ant1	5190	0.92	1.42	64.79
		5230	0.92	1.42	64.79
		5755	0.92	1.42	64.79
		5795	0.92	1.42	64.79

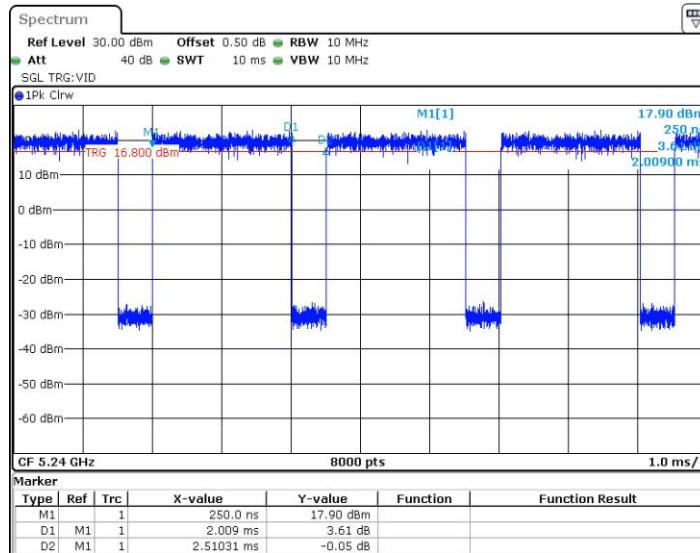
Test Graphs



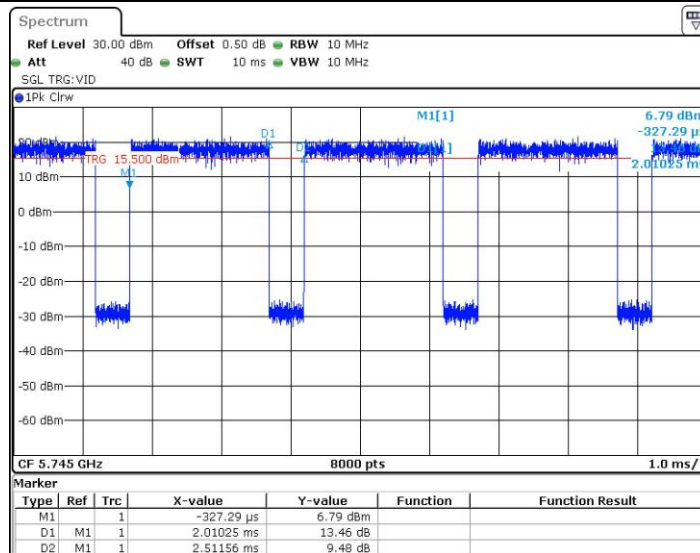
11A_Ant1_5180



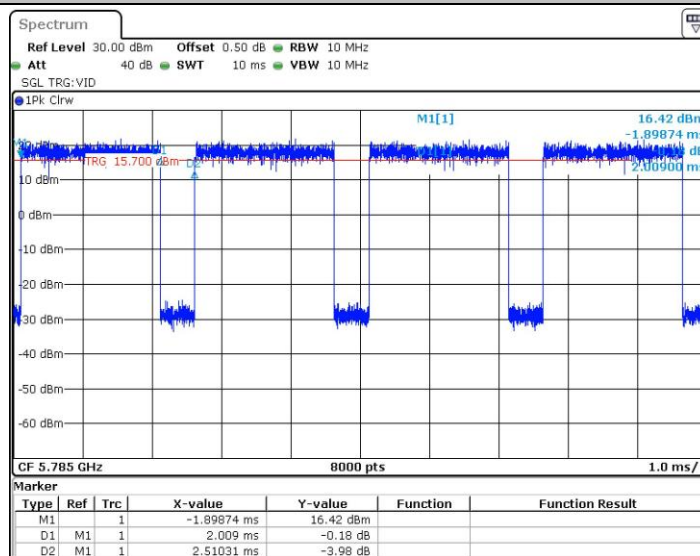
11A_Ant1_5200



11A_Ant1_5240

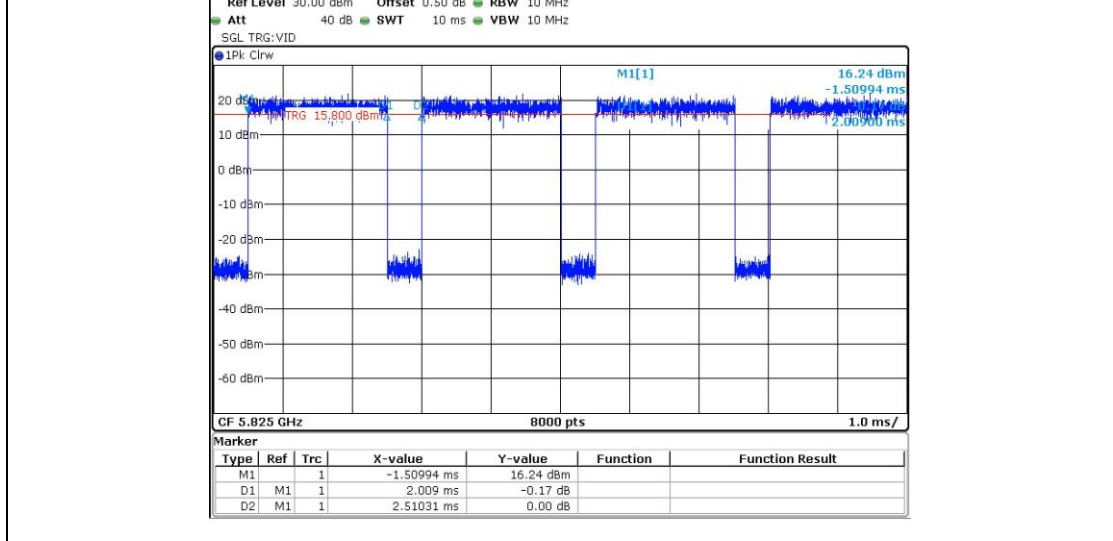


11A_Ant1_5745

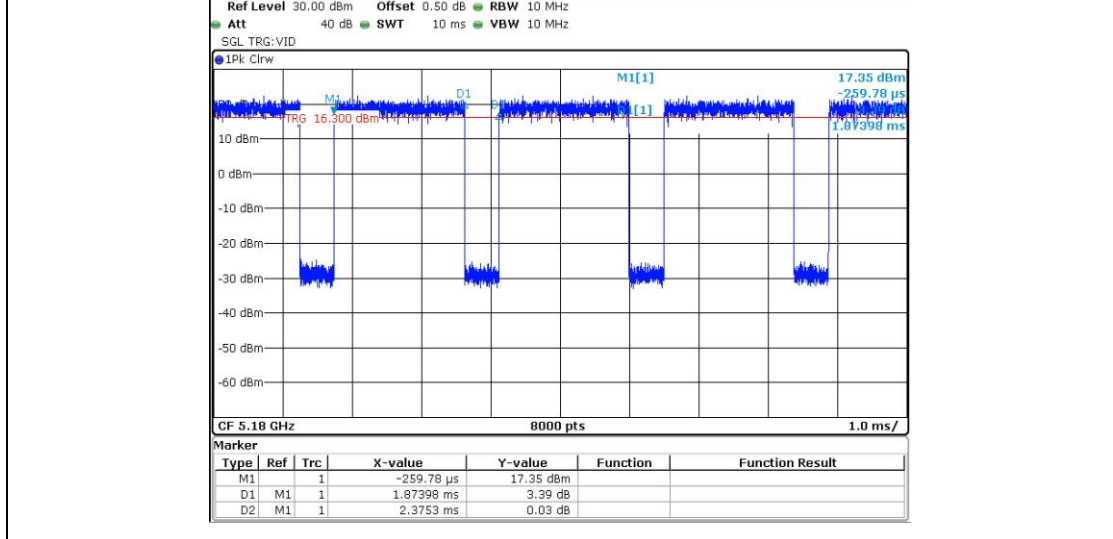


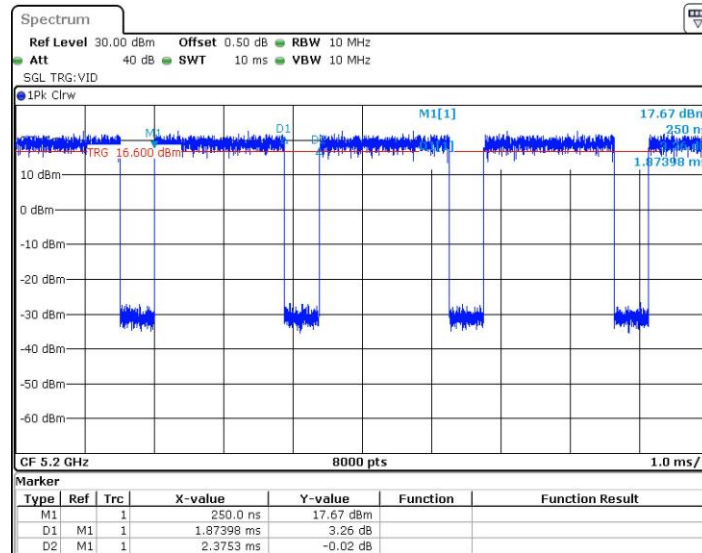
Spectrum

Ref Level: 20.00 dBm Offset: 0.50 dB BW: 10 MHz

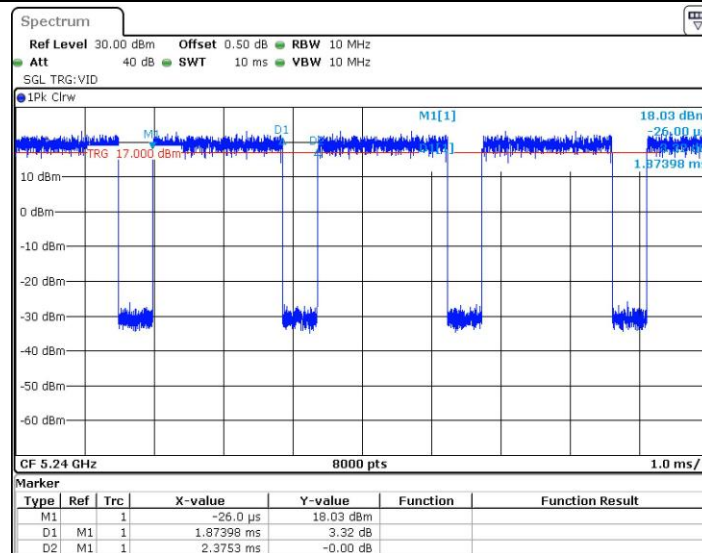


Spectrum

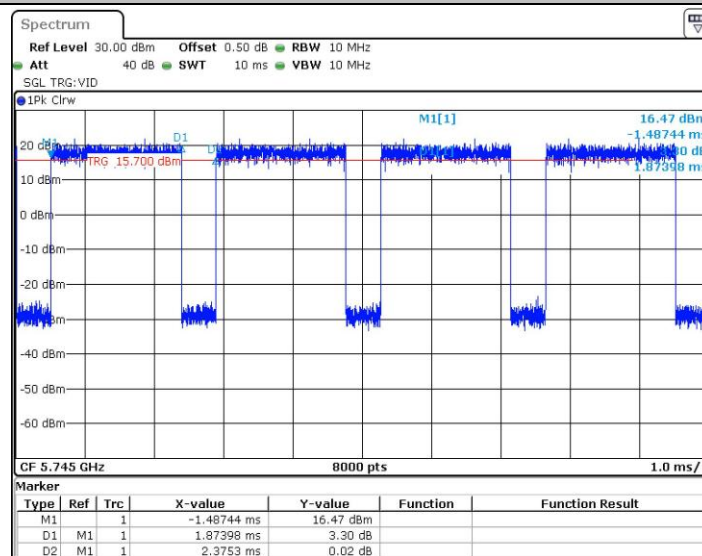




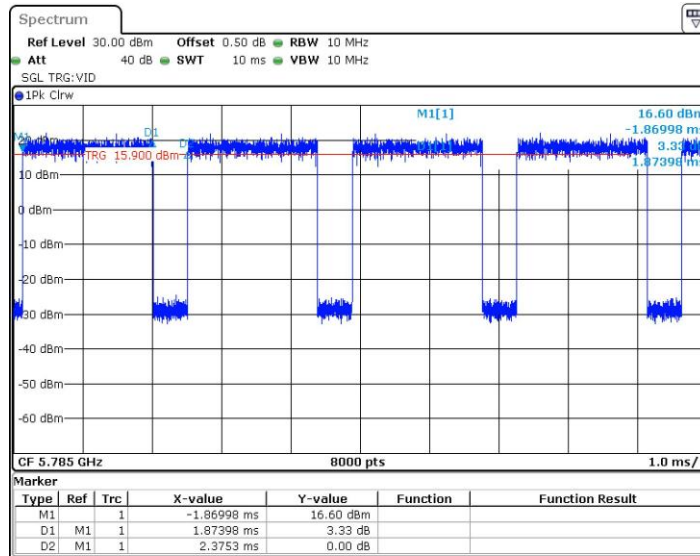
11N20SISO_Ant1_5200



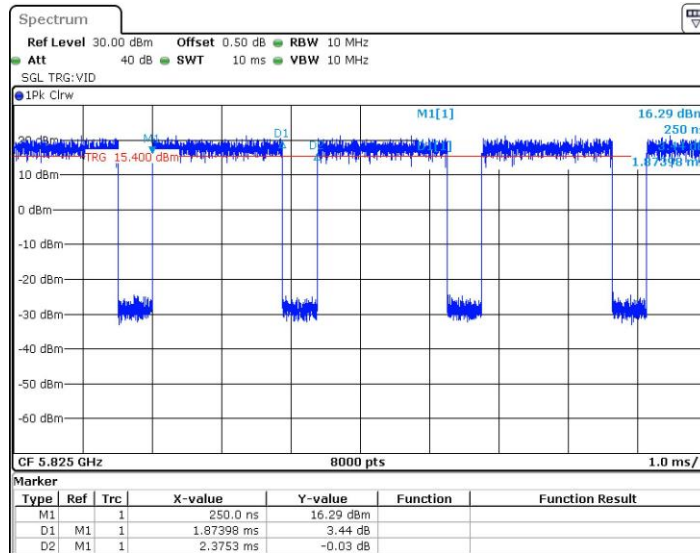
11N20SISO_Ant1_5240



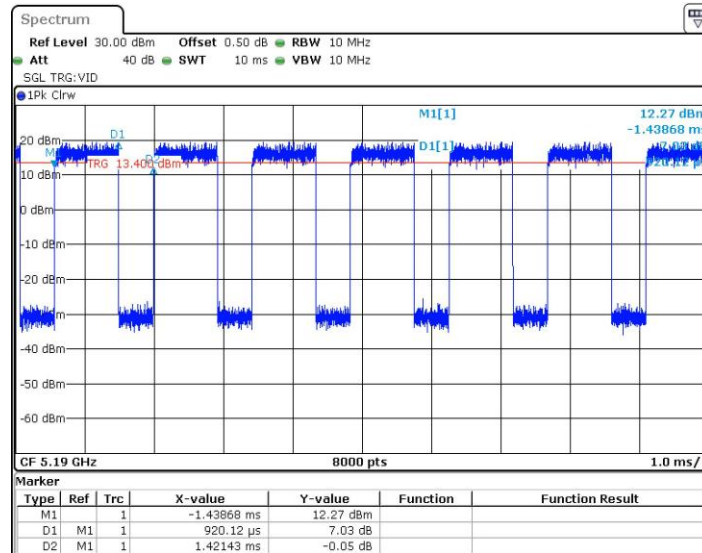
11N20SISO_Ant1_5745



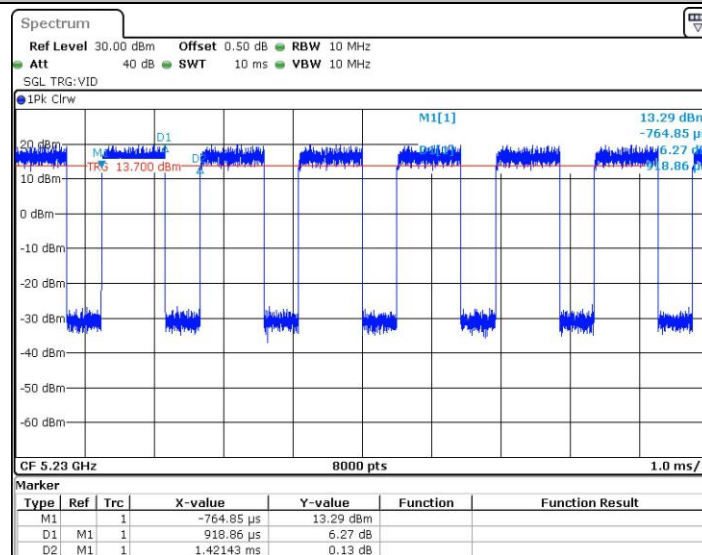
11N20SISO_Ant1_5785



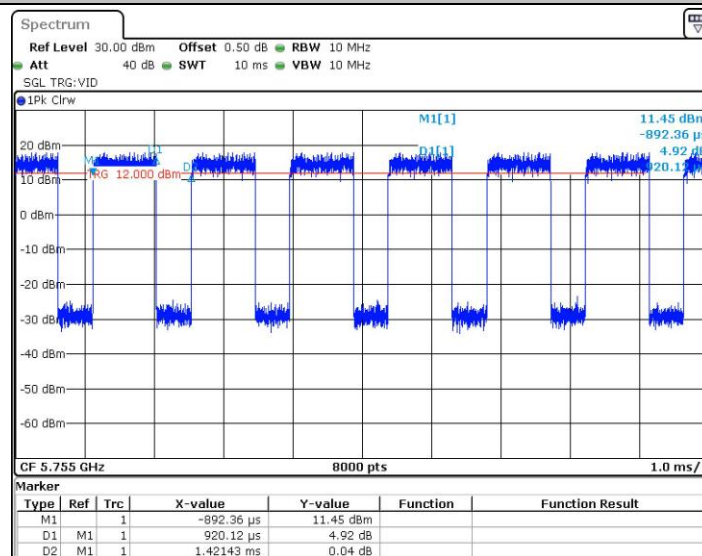
11N20SISO_Ant1_5825



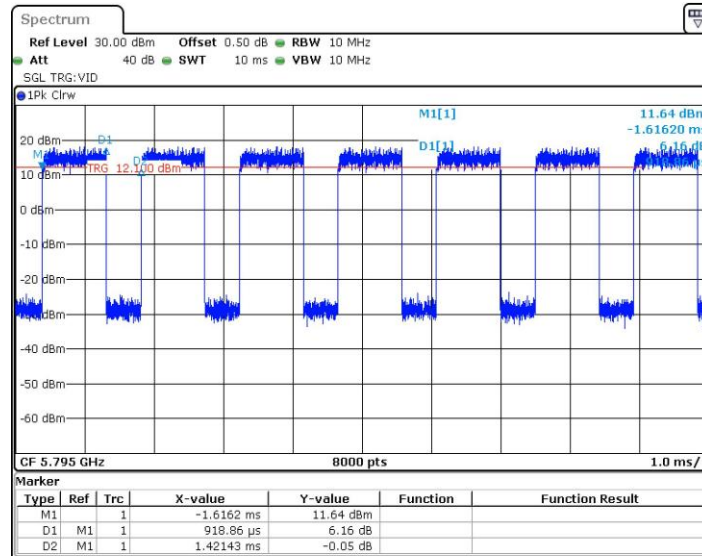
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795