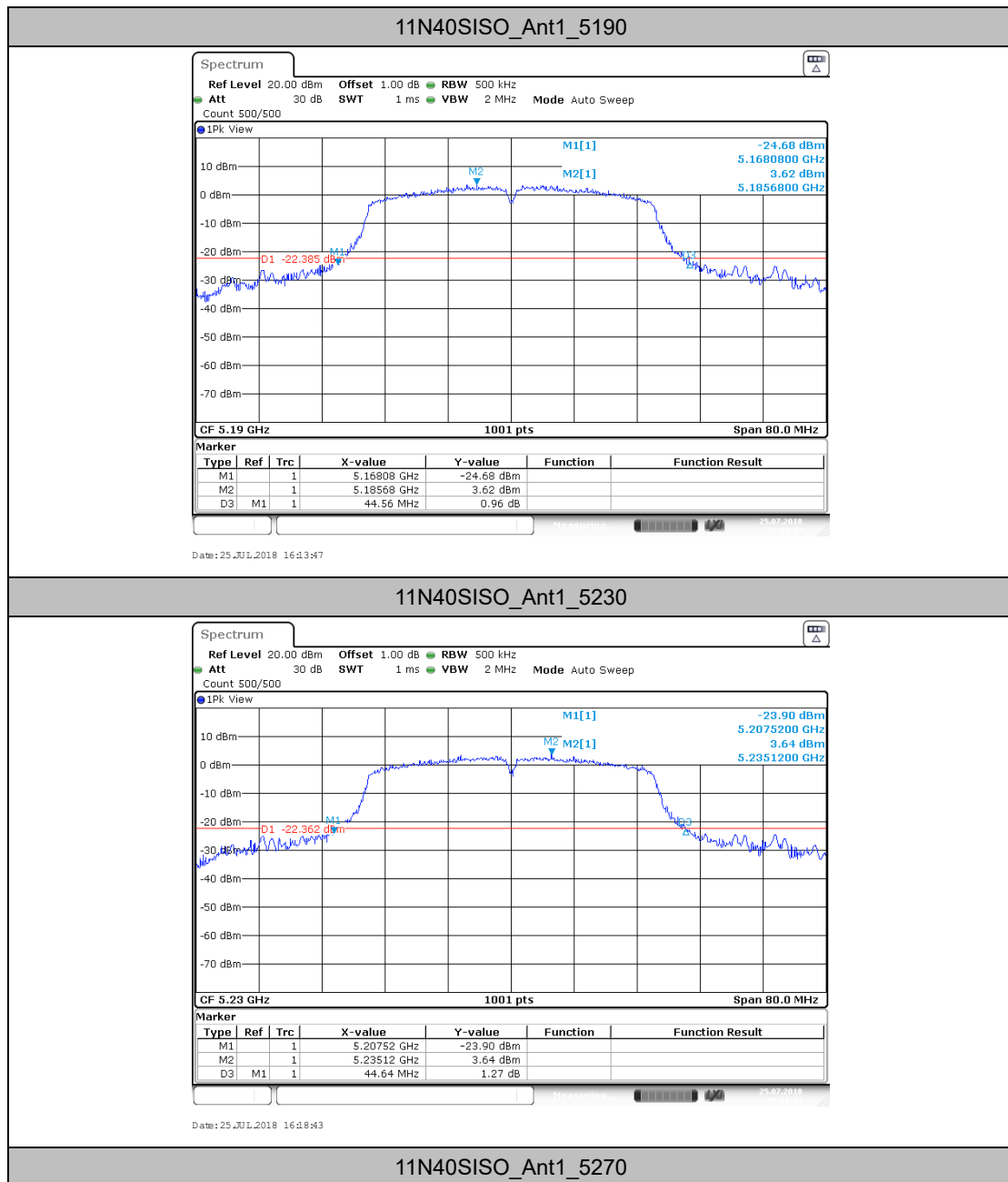


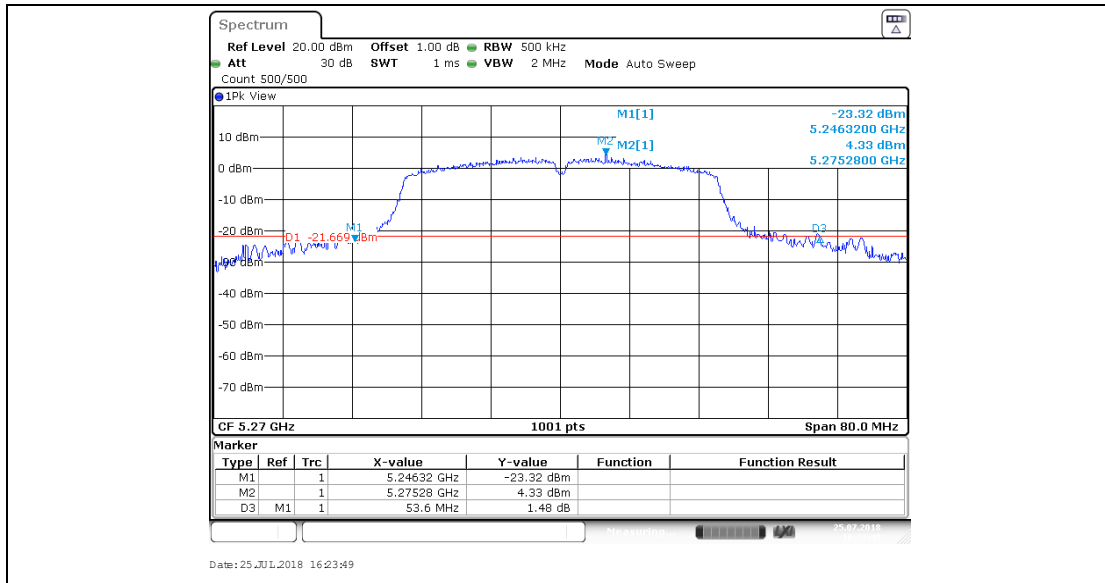
Appendix3 A1: Emission Bandwidth

Test Result

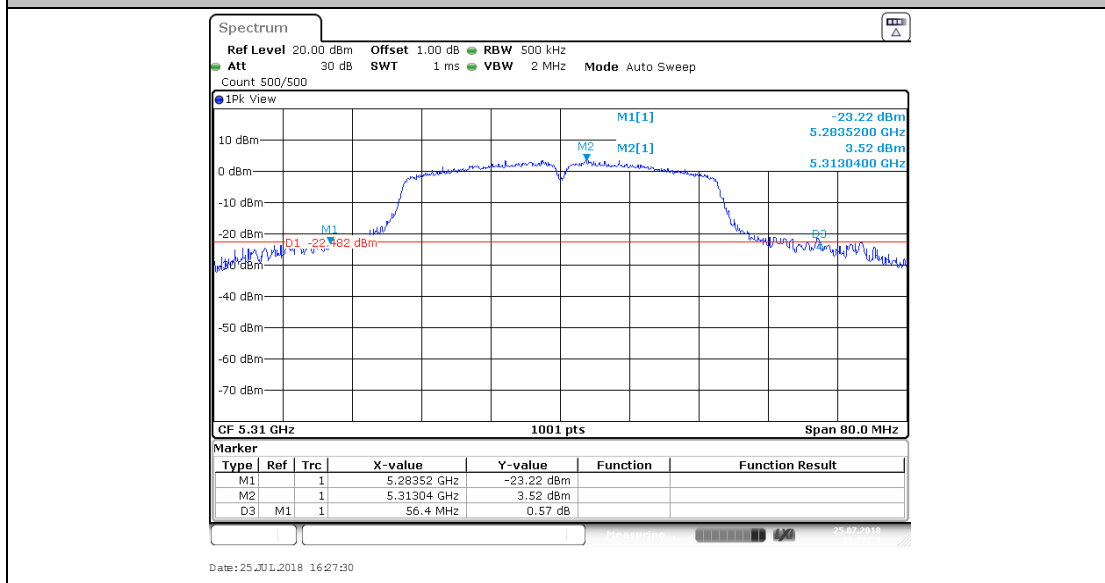
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N40SISO	Ant1	5190	44.560	5168.080	5212.640	---	PASS
		5230	44.640	5207.520	5252.160	---	PASS
		5270	53.600	5246.320	5299.920	---	PASS
		5310	56.400	5283.520	5339.920	---	PASS
		5510	50.240	5484.560	5534.800	---	PASS
		5550	62.080	5519.520	5581.600	---	PASS
		5670	60.400	5639.440	5699.840	---	PASS
		5710	61.840	5678.160	5740.000	---	PASS
		5755	62.240	5722.680	5784.920	---	PASS
		5795	61.760	5763.160	5824.920	---	PASS

Test Graphs

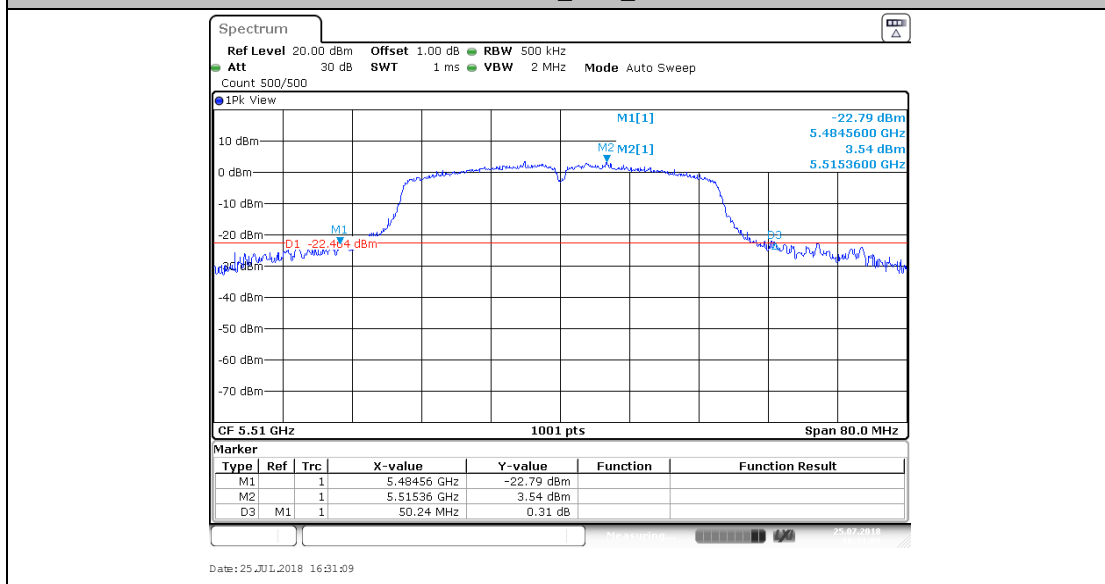




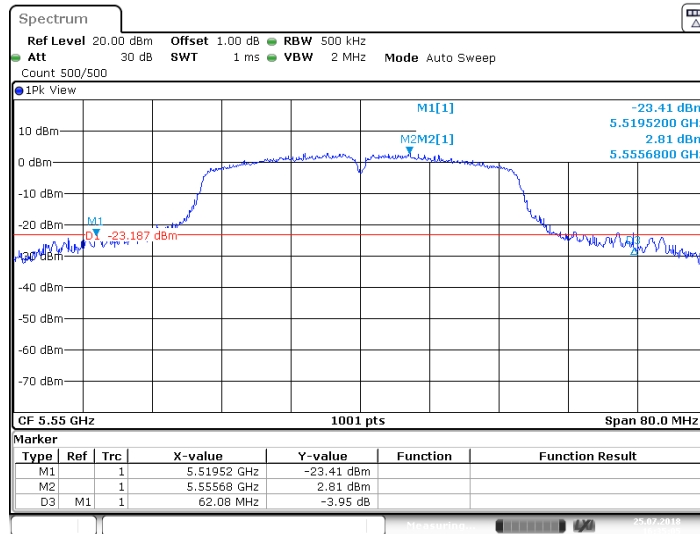
11N40SISO_Ant1_5310



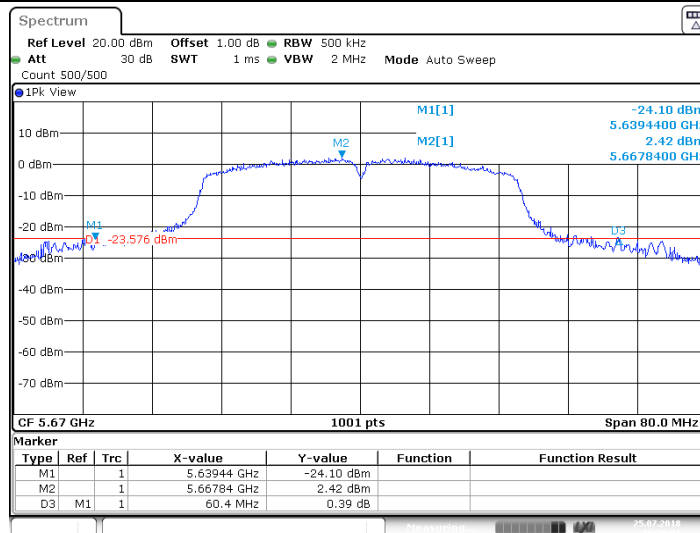
11N40SISO_Ant1_5510



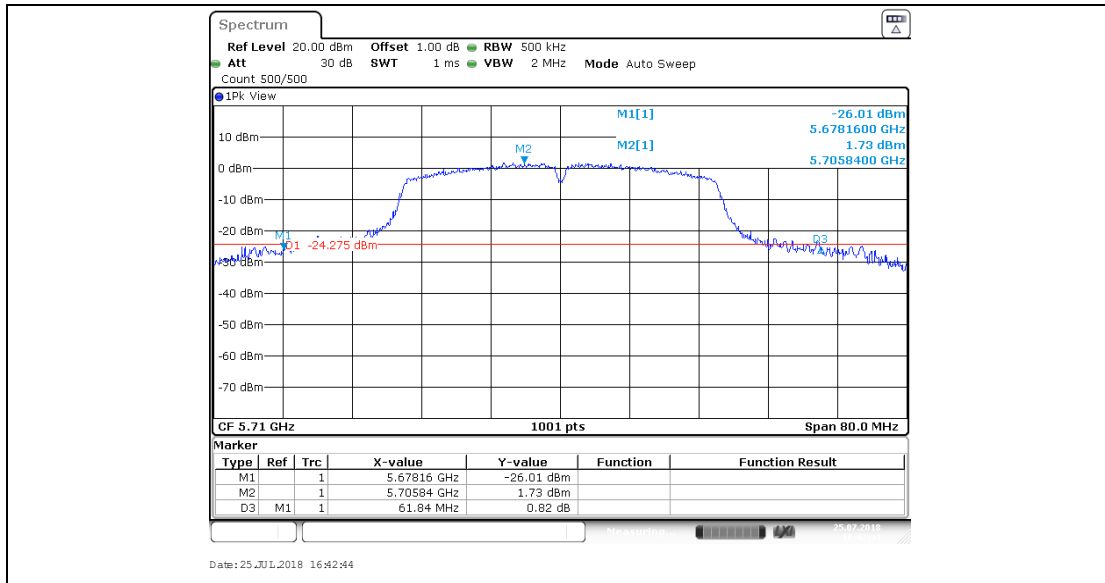
11N40SISO_Ant1_5550



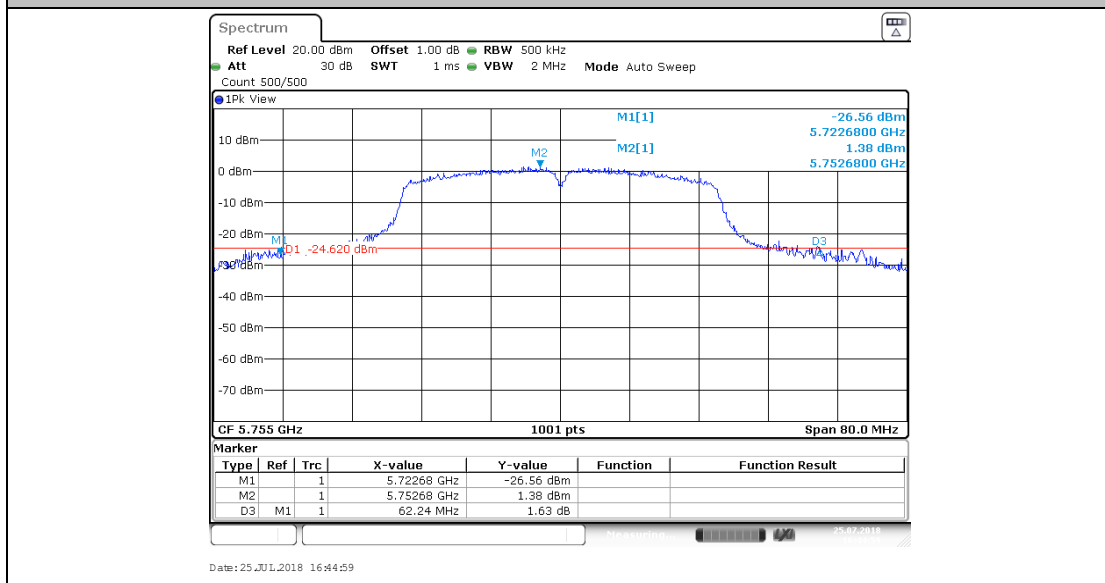
11N40SISO_Ant1_5670



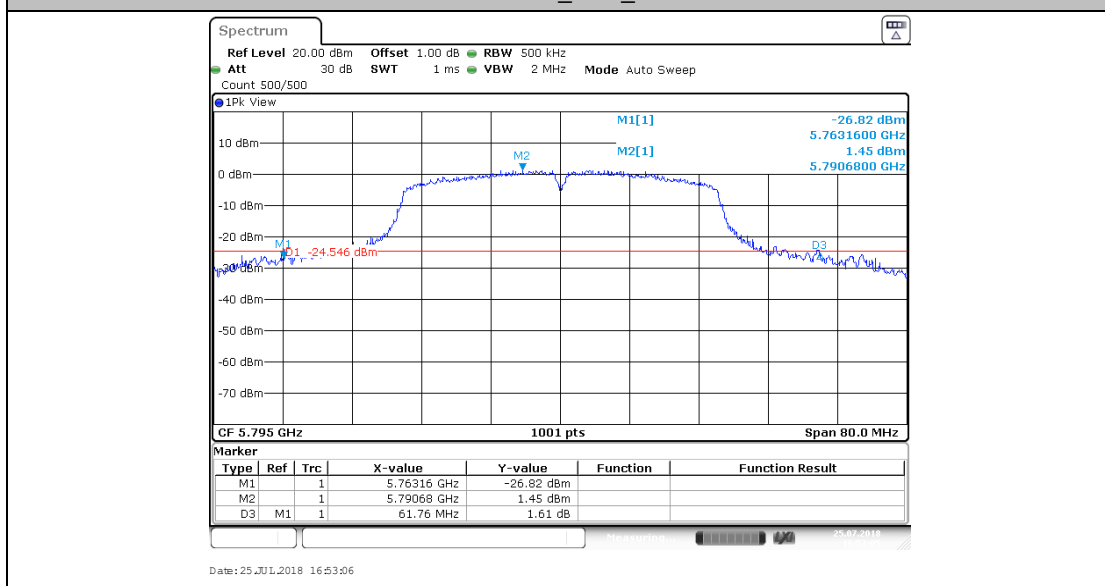
11N40SISO_Ant1_5710



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795

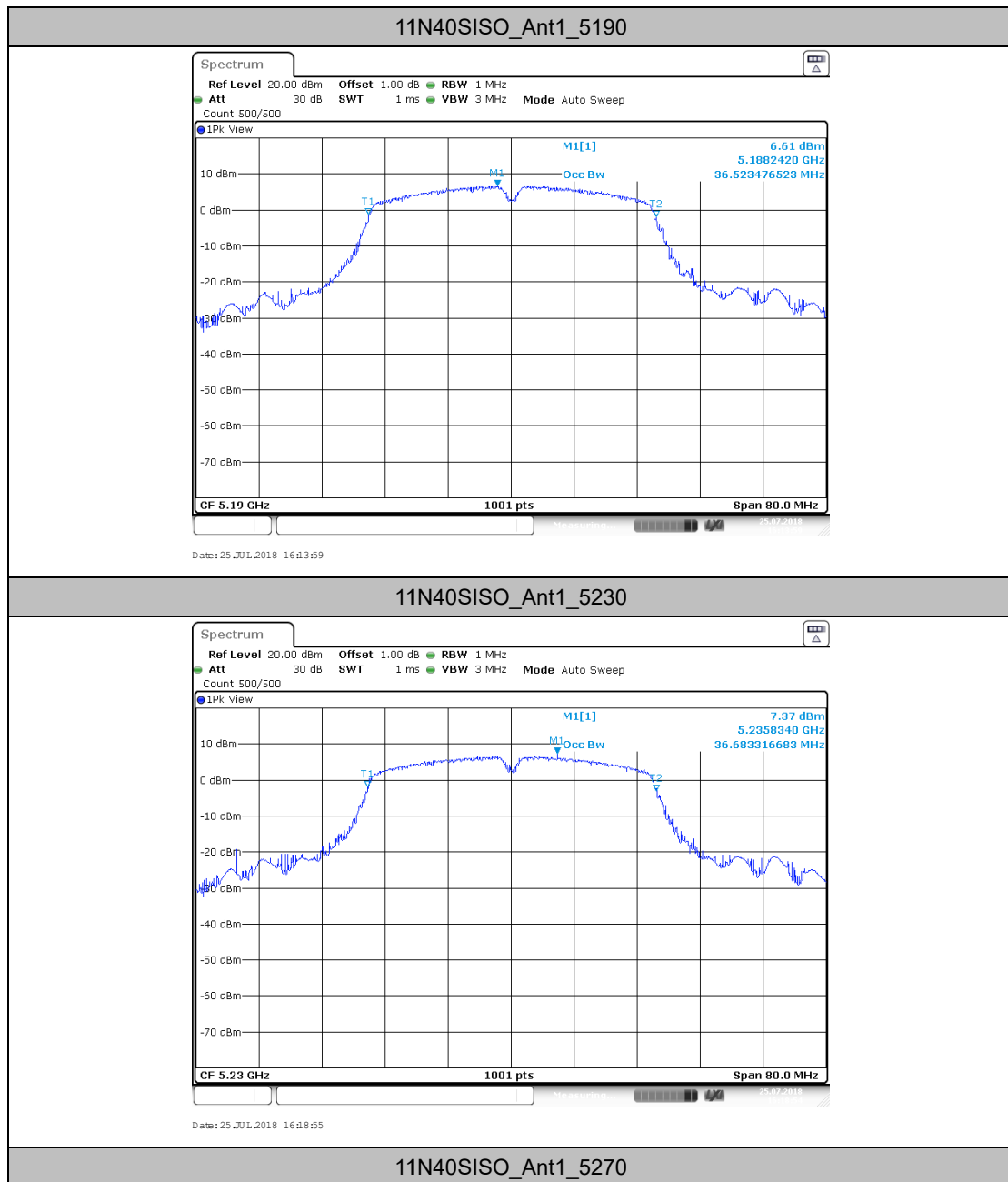


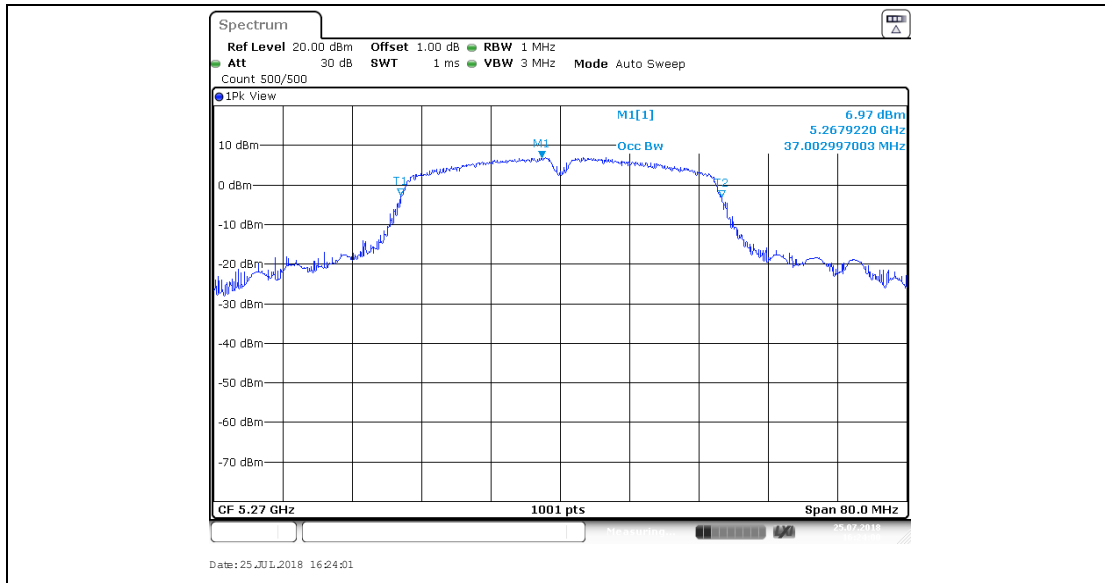
Appendix3 A2: Occupied channel bandwidth

Test Result

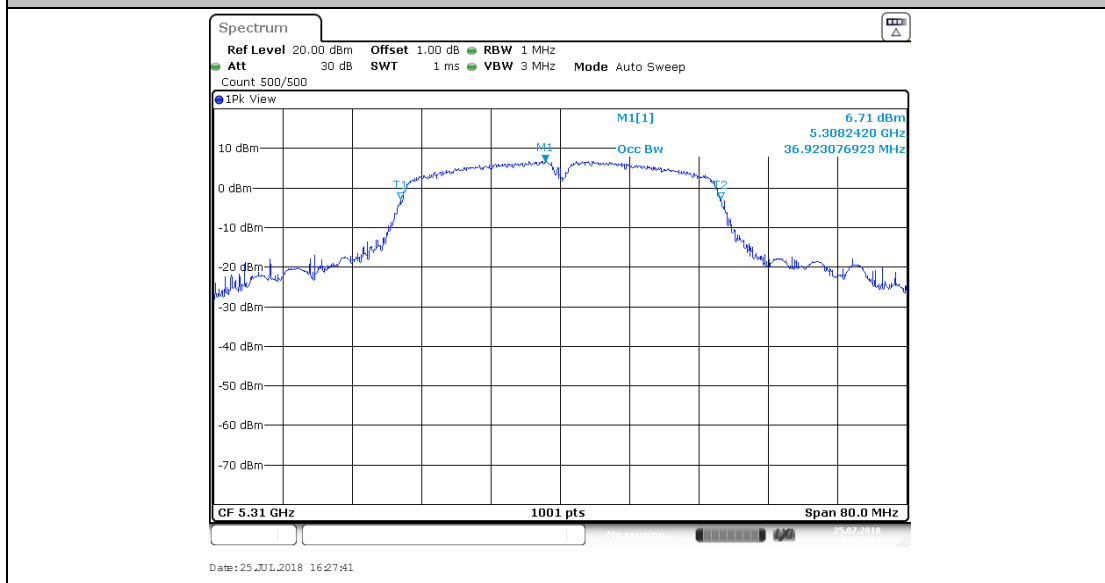
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N40SISO	Ant1	5190	36.523	5171.858	5208.382	---	PASS
		5230	36.683	5211.778	5248.462	---	PASS
		5270	37.003	5251.618	5288.621	---	PASS
		5310	36.923	5291.618	5328.541	---	PASS
		5510	37.083	5491.538	5528.621	---	PASS
		5550	37.003	5531.538	5568.541	---	PASS
		5670	37.163	5651.379	5688.541	---	PASS
		5710	37.243	5691.379	5728.621	---	PASS
		5755	37.403	5736.219	5773.621	---	PASS
		5795	37.243	5776.379	5813.621	---	PASS

Test Graphs

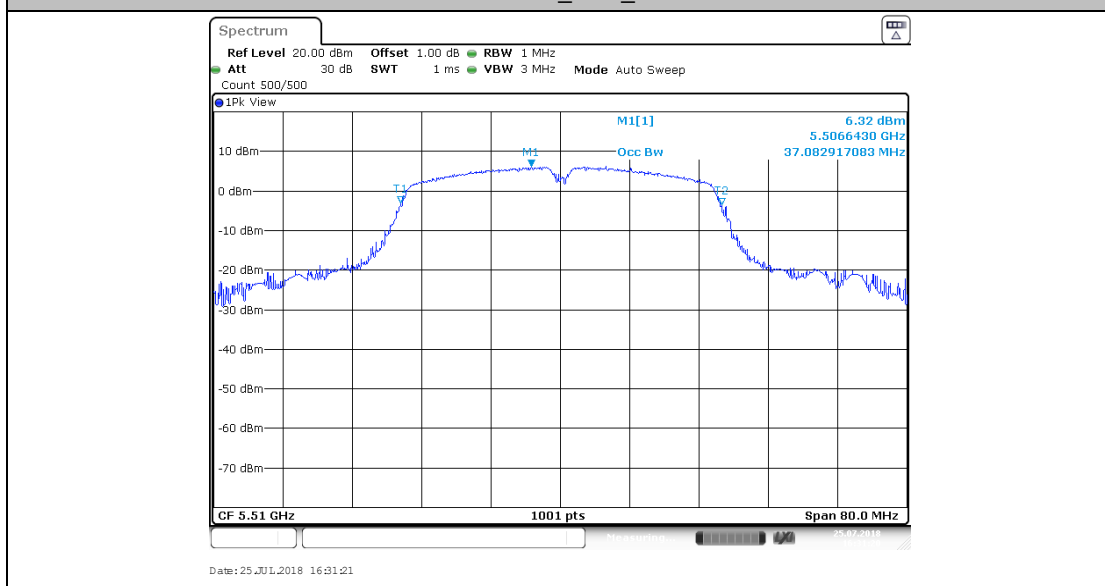




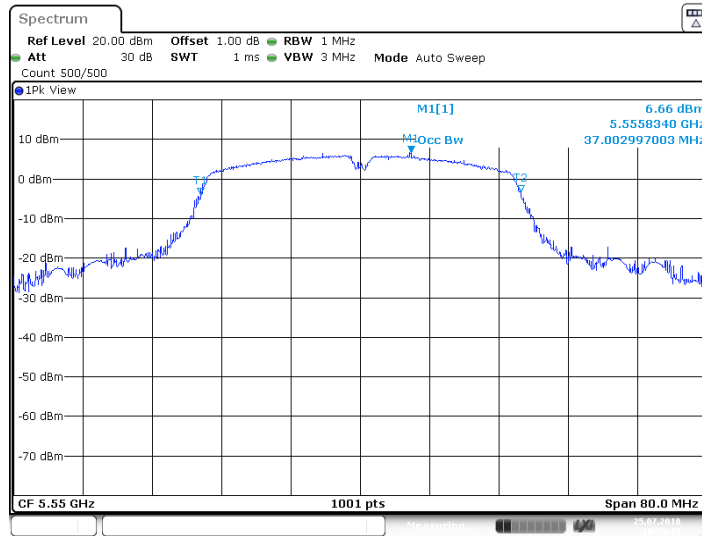
11N40SISO_Ant1_5310



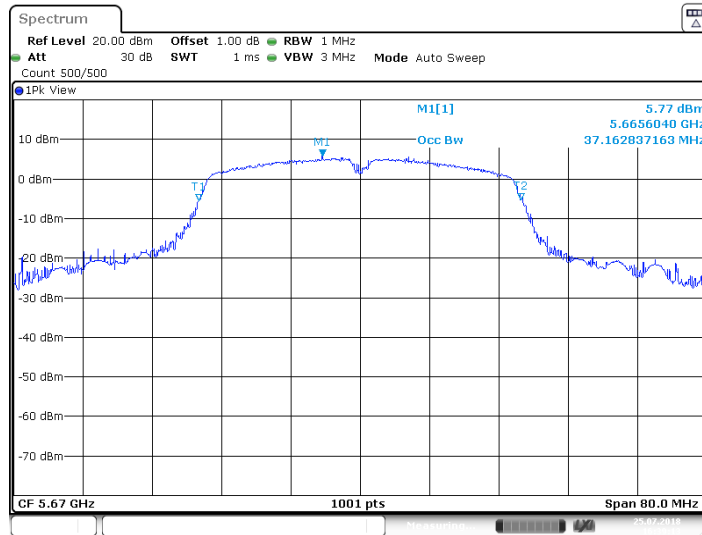
11N40SISO_Ant1_5510



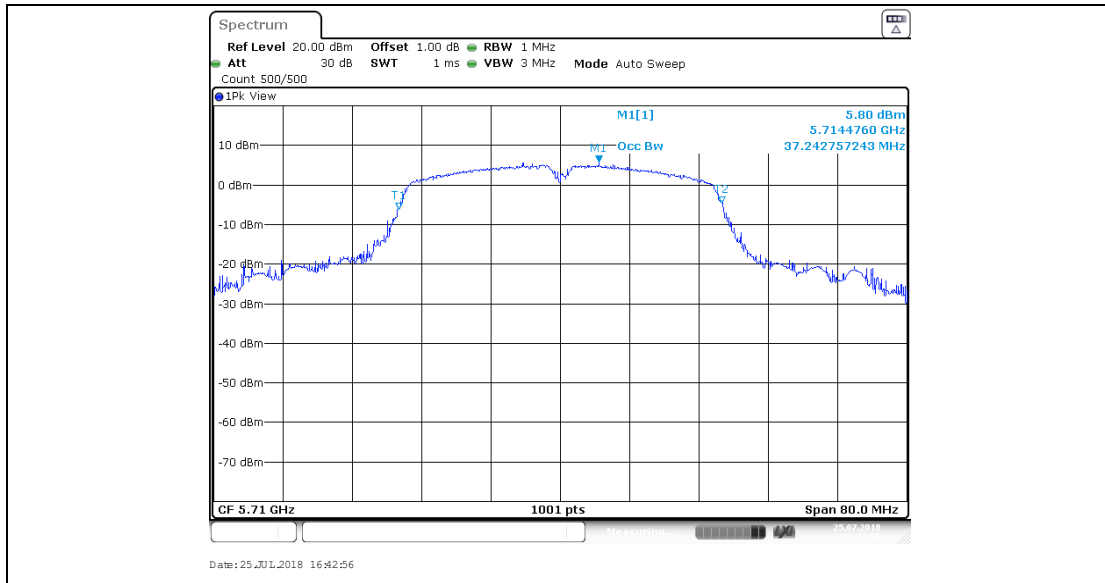
11N40SISO_Ant1_5550



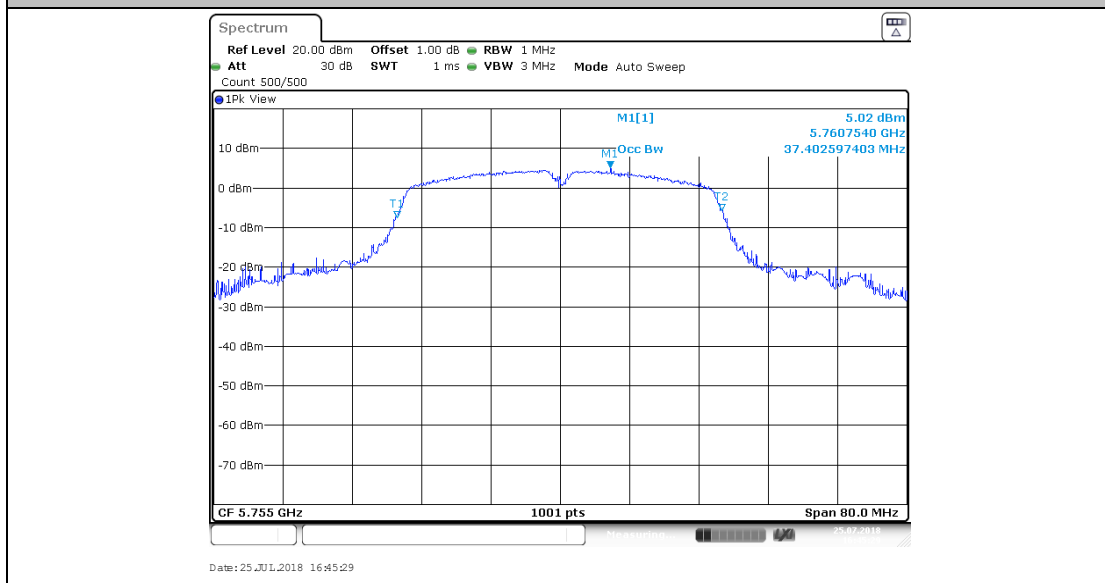
11N40SISO_Ant1_5670



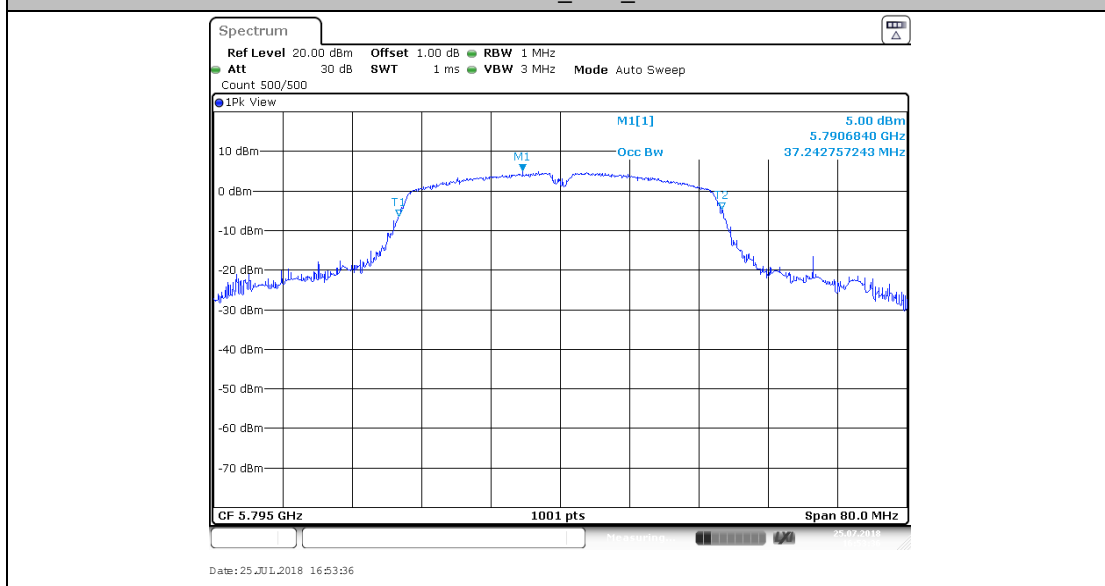
11N40SISO_Ant1_5710



11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



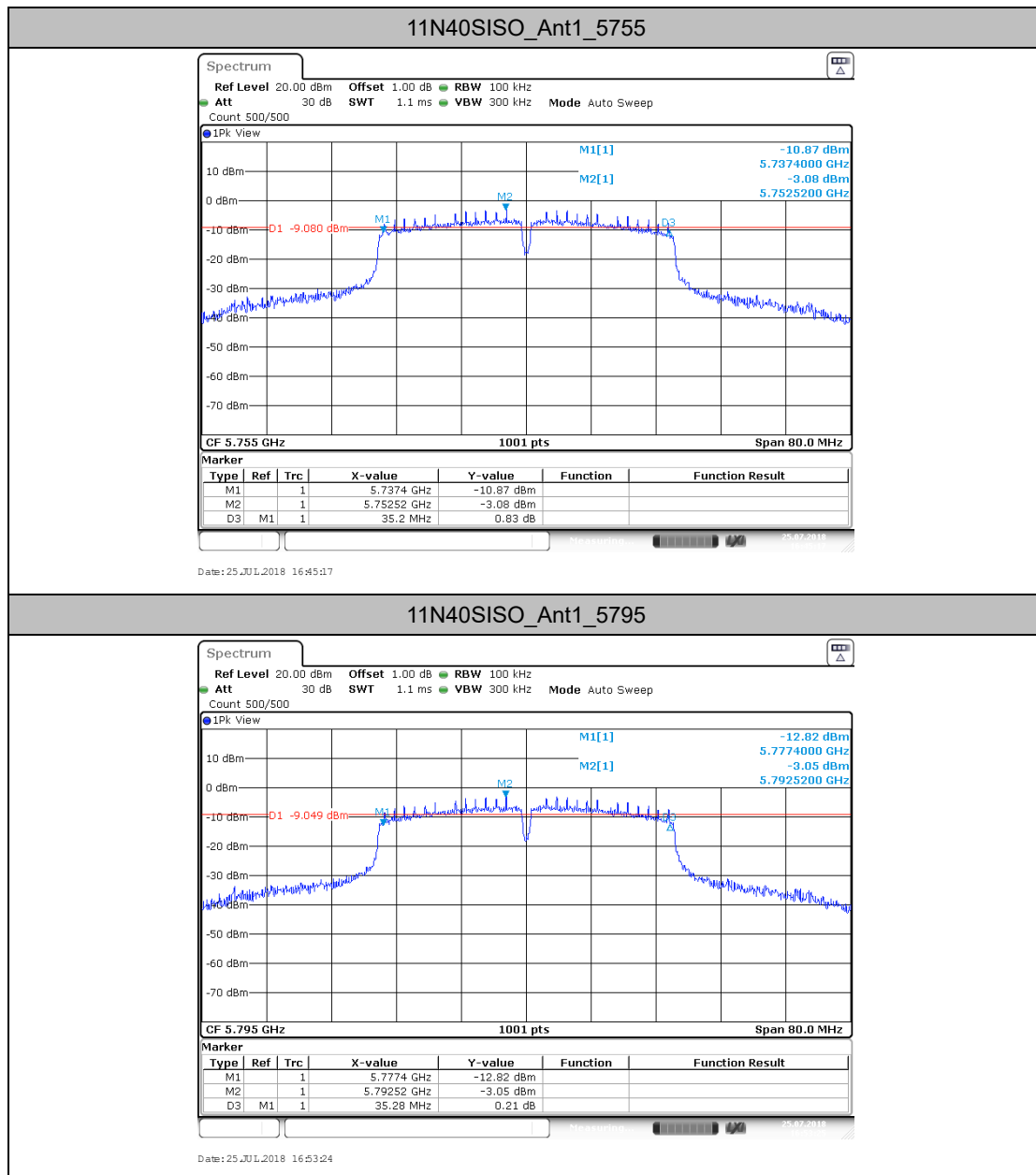


Appendix3 A3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N40SISO	Ant1	5755	35.200	5737.400	5772.600	0.5	PASS
		5795	35.280	5777.400	5812.680	0.5	PASS

Test Graphs



Appendix3 B: Maximum conducted output power

Test Result

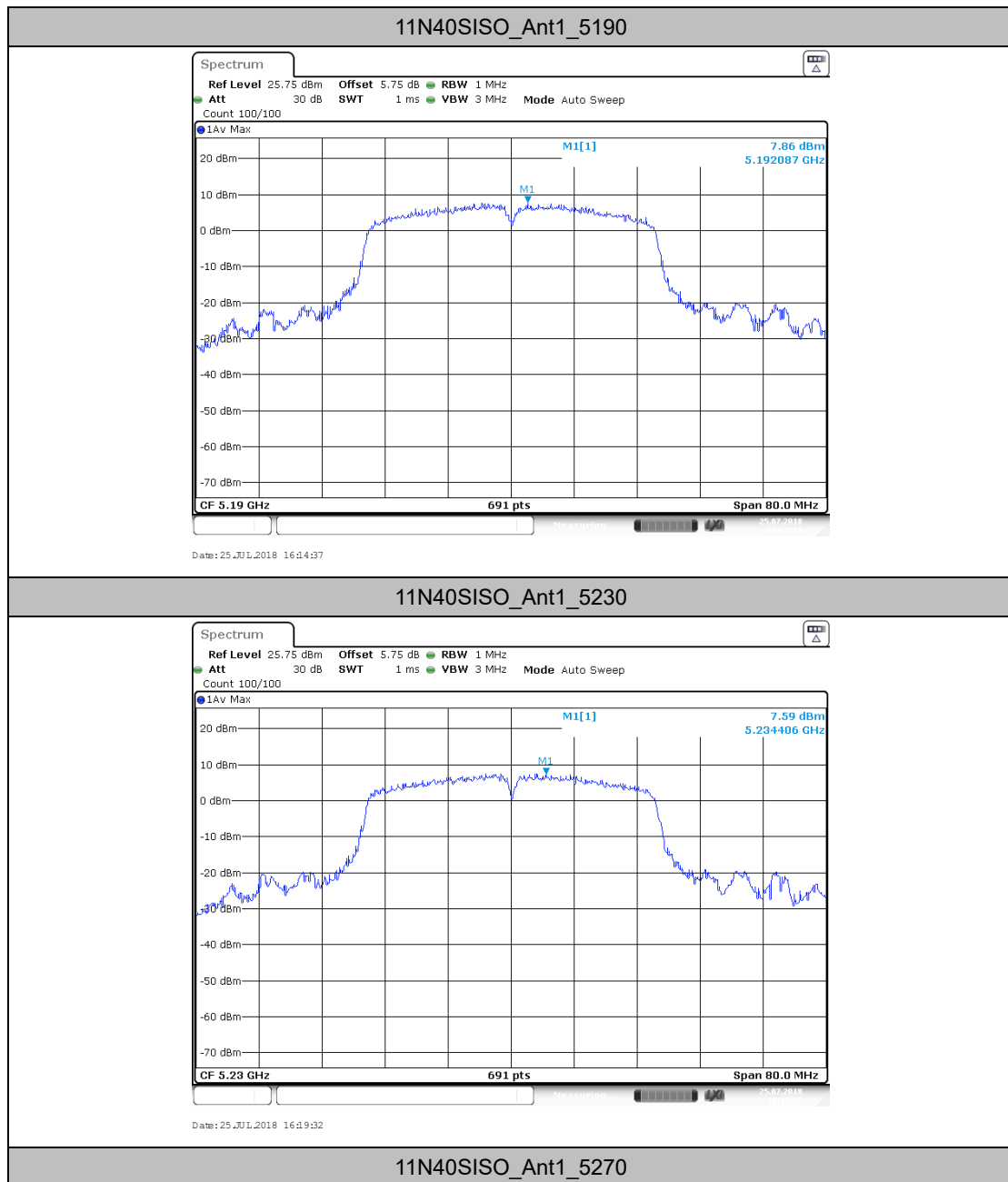
TestMode	Antenna	Channel	Result	Limit	Verdict
11N40SISO	Ant1	5190	20.69	23.98	PASS
		5230	20.72	23.98	PASS
		5270	20.98	23.98	PASS
		5310	21.24	23.98	PASS
		5510	20.47	23.98	PASS
		5550	20.40	23.98	PASS
		5670	19.57	23.98	PASS
		5710	19.33	23.98	PASS
		5755	18.87	30	PASS
		5795	18.98	30	PASS

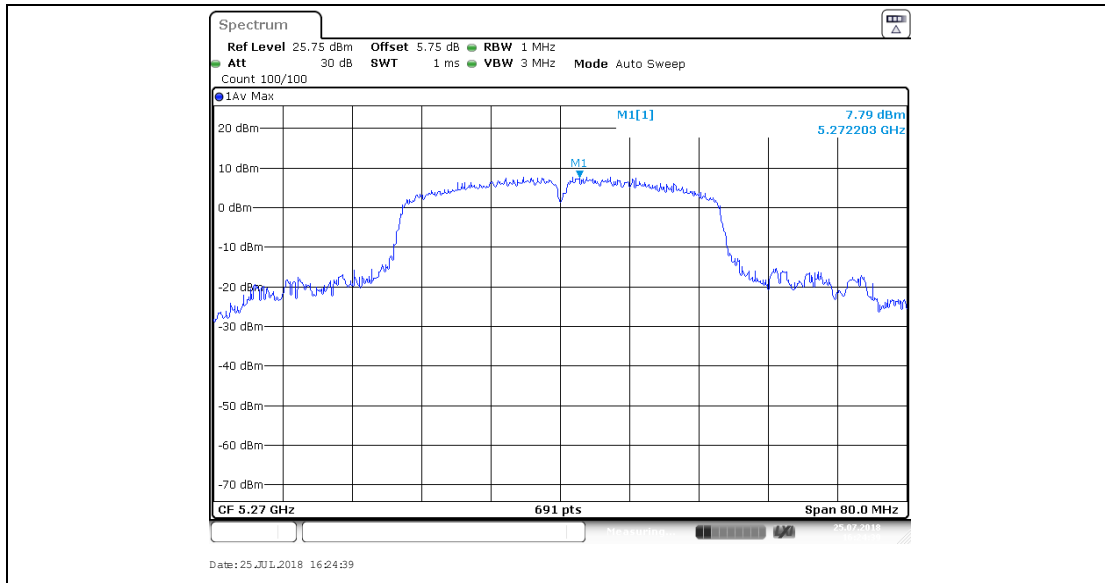
Appendix3 C: Maximum power spectral density

Test Result

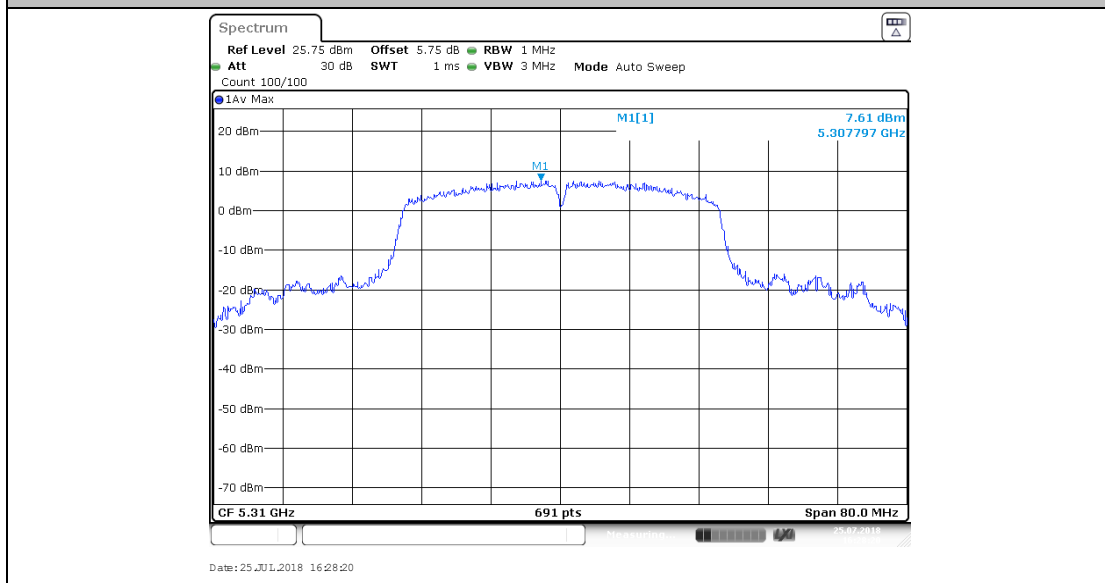
TestMode	Antenna	Channel	Result	Limit	Verdict
11N40SISO	Ant1	5190	7.86	11	PASS
		5230	7.59	11	PASS
		5270	7.79	11	PASS
		5310	7.61	11	PASS
		5510	7.22	11	PASS
		5550	7.48	11	PASS
		5670	6.86	11	PASS
		5710	6.09	11	PASS
		5755	4.94	30	PASS
		5795	4.85	30	PASS

Test Graphs

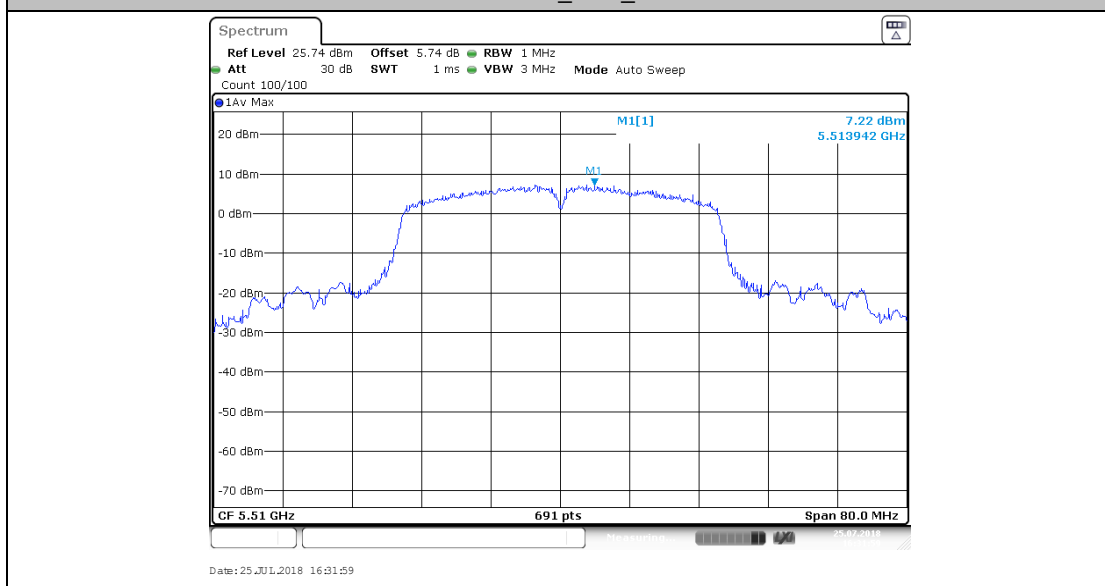




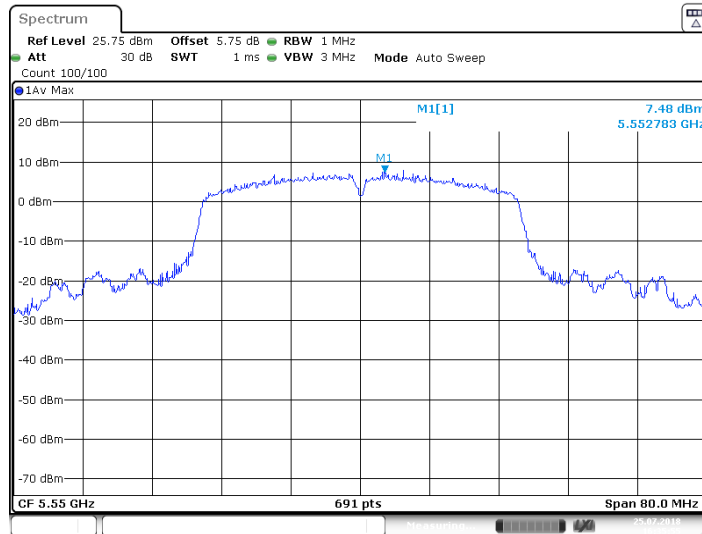
11N40SISO_Ant1_5310



11N40SISO_Ant1_5510

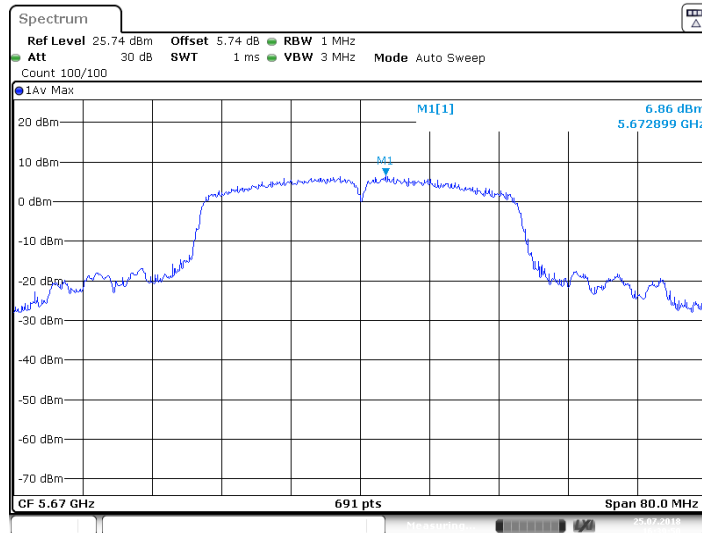


11N40SISO_Ant1_5550



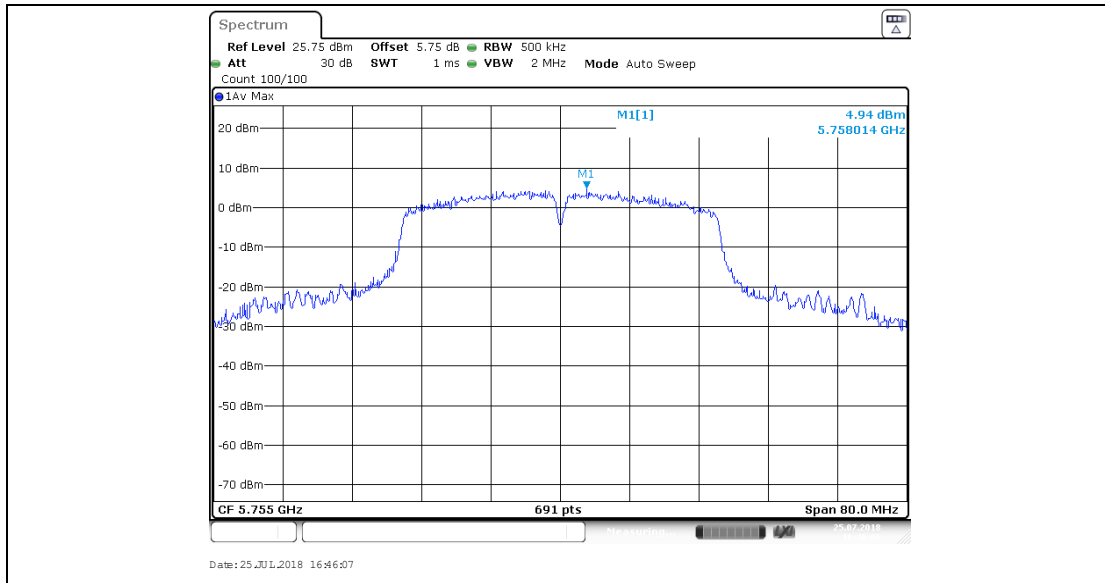
Date: 25 JUL 2018 16:35:56

11N40SISO_Ant1_5670

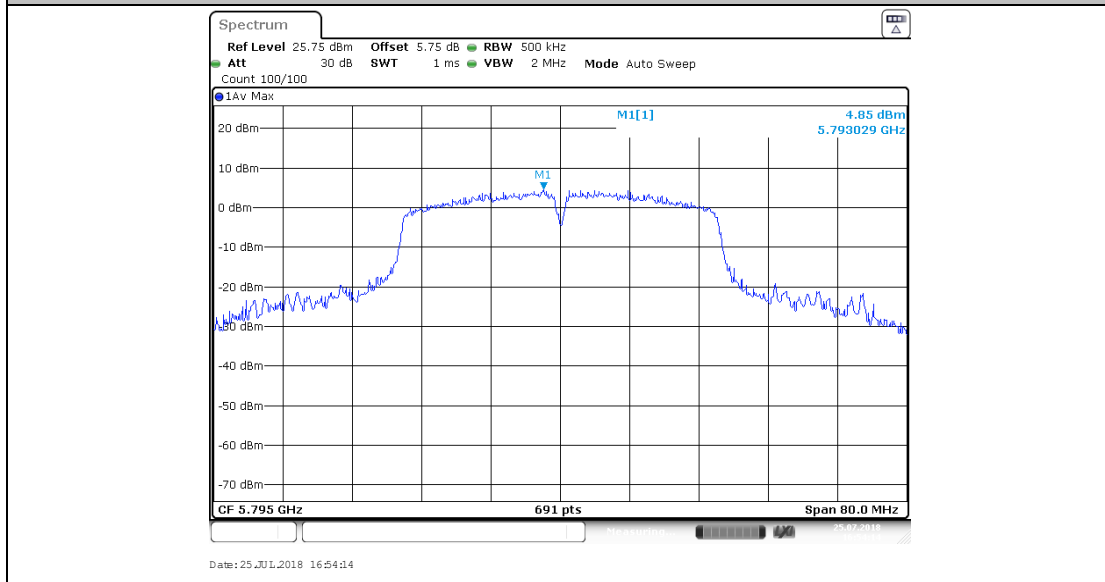


Date: 25 JUL 2018 16:39:51

11N40SISO_Ant1_5755



11N40SISO_Ant1_5795



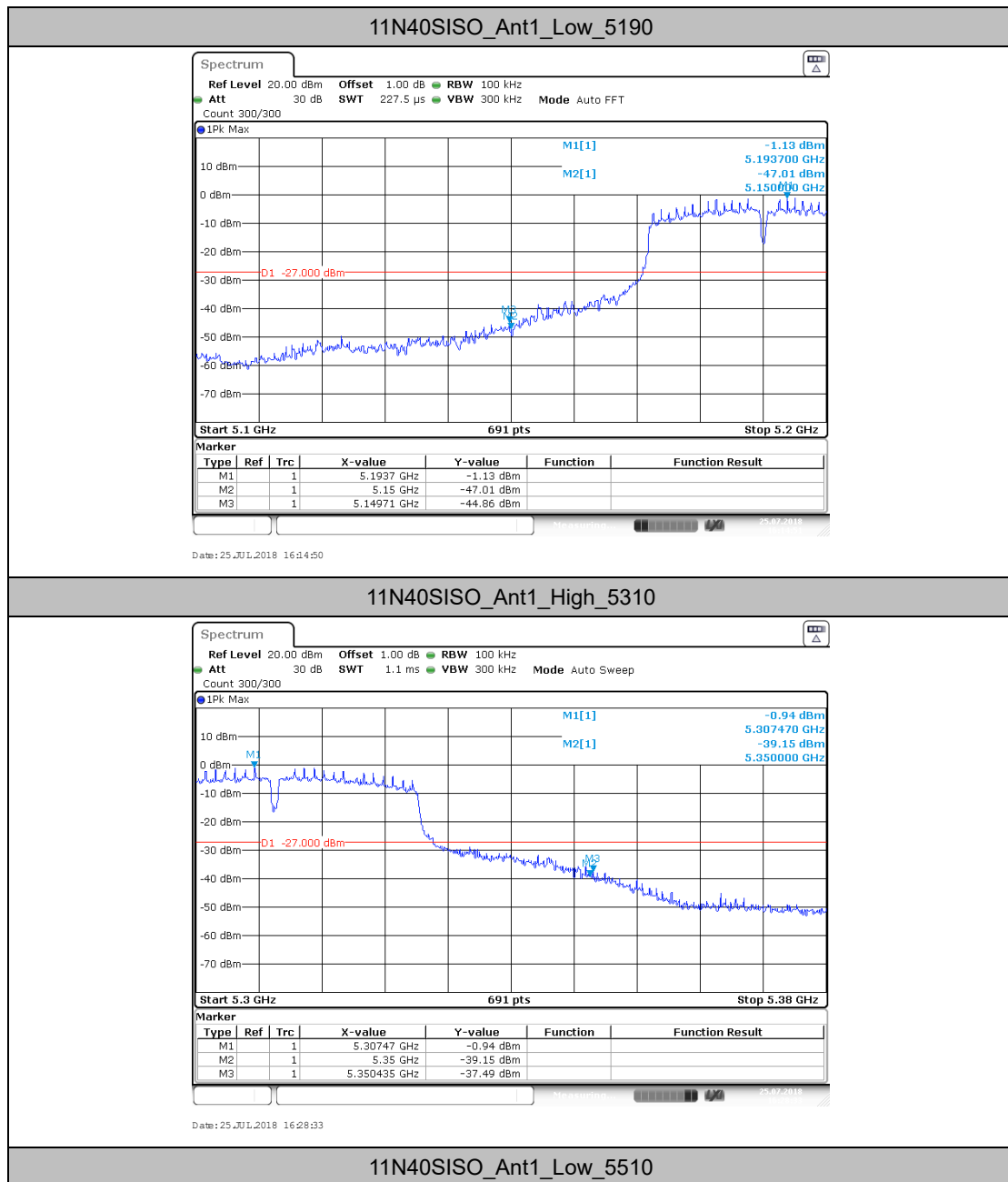
Appendix3 D: Band edge measurements

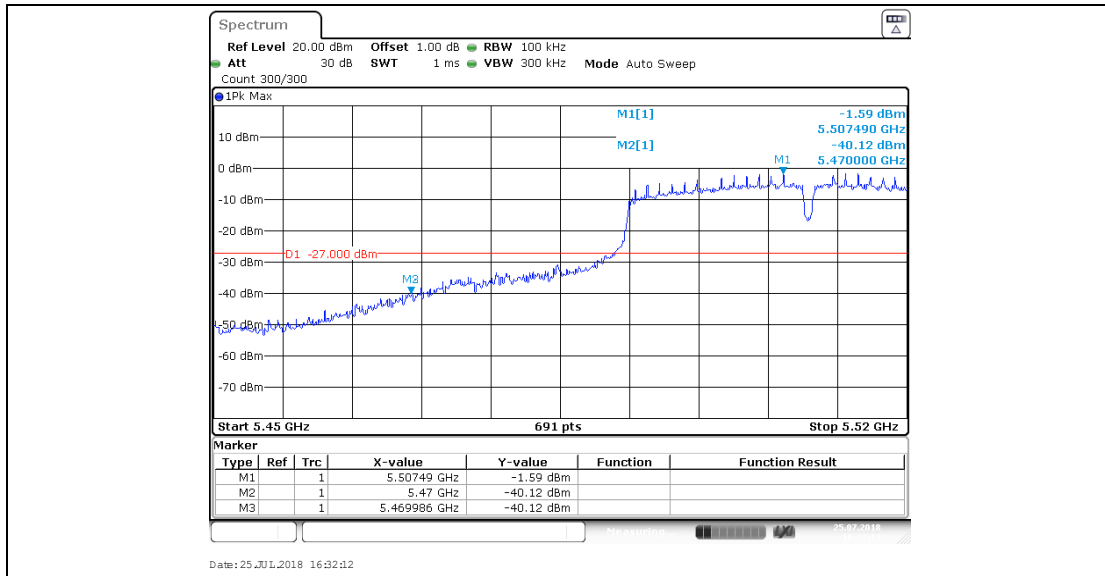
Test Result

TestMode	Antenna	ChName	Channel	Result	Limit	Verdict
11N40SISO	Ant1	Low	5190	-44.86	-27	PASS
		High	5310	-37.49	-27	PASS
		Low	5510	-40.12	-27	PASS
		High	5670	-51.61	-27	PASS
		High	5710	-52.31	-27	PASS

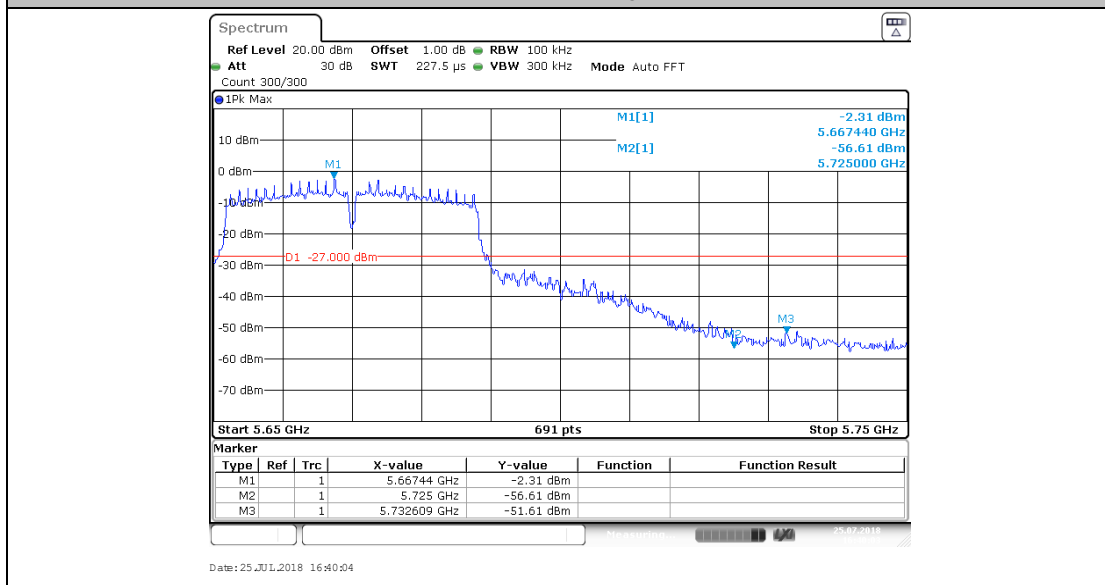
TestMode	Antenna	ChName	Channel	FreqRange	Result	Limit	Verdict
11N40SI SO	Ant1	Low	5755	5650~5700	-50.86	9.84	PASS
		Low	5755	5700~5720	-35.99	15.58	PASS
		Low	5755	5720~5725	-32.91	23.48	PASS
		Low	5755	5780~5650	-52.48	-27	PASS
		High	5795	5850~5855	-52.42	15.85	PASS
		High	5795	5855~5875	-52.57	12.05	PASS
		High	5795	5875~5925	-53.14	-25.95	PASS
		High	5795	5925~5935	-57.3	-27	PASS

Test Graphs

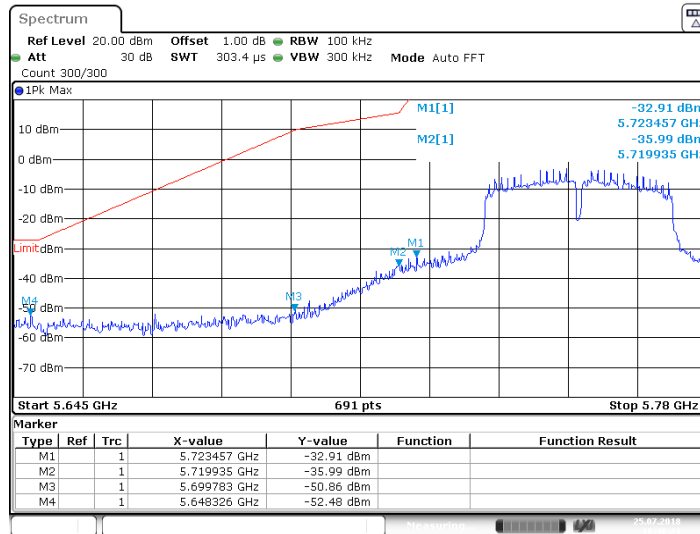




11N40SISO_Ant1_High_5670

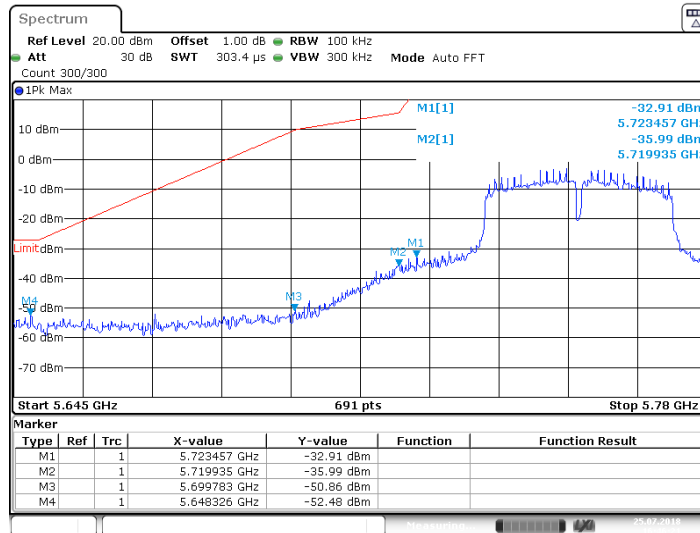


11N40SISO_Ant1_Low_5755



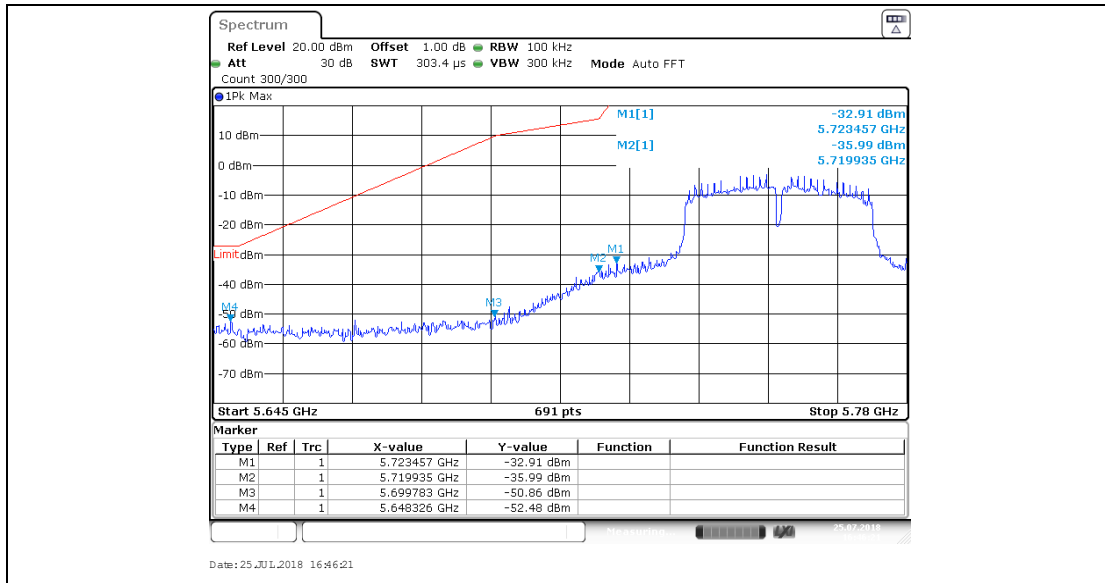
Date: 25 JUL 2018 16:46:21

11N40SISO_Ant1_Low_5755

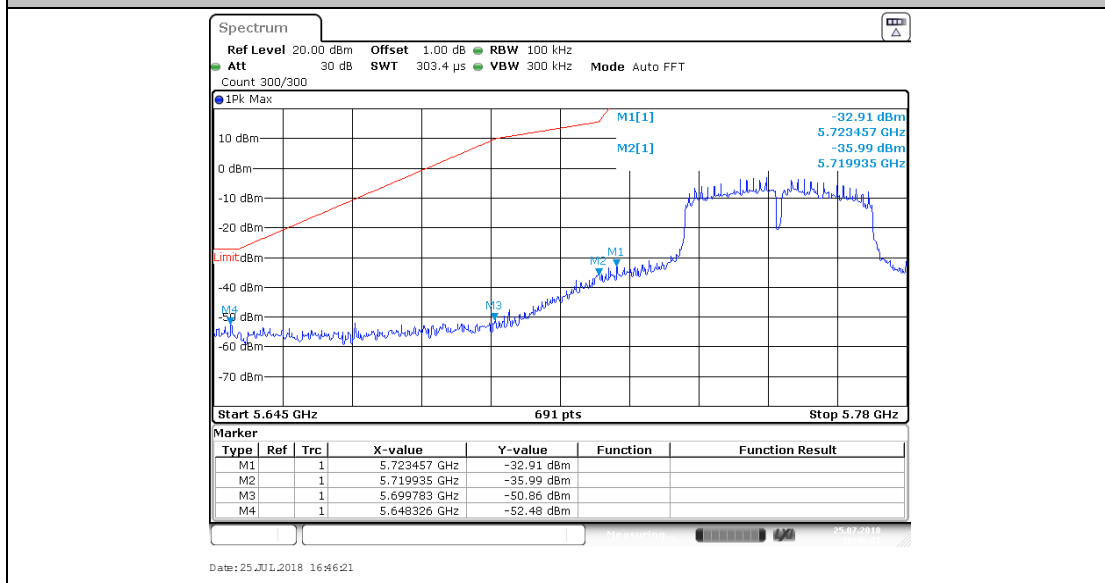


Date: 25 JUL 2018 16:46:21

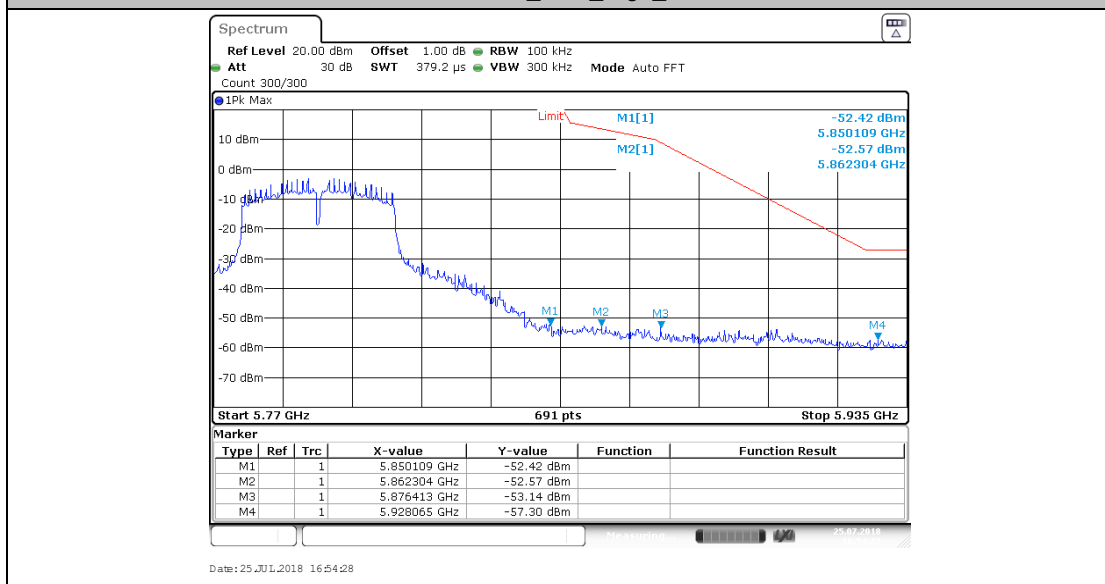
11N40SISO_Ant1_Low_5755



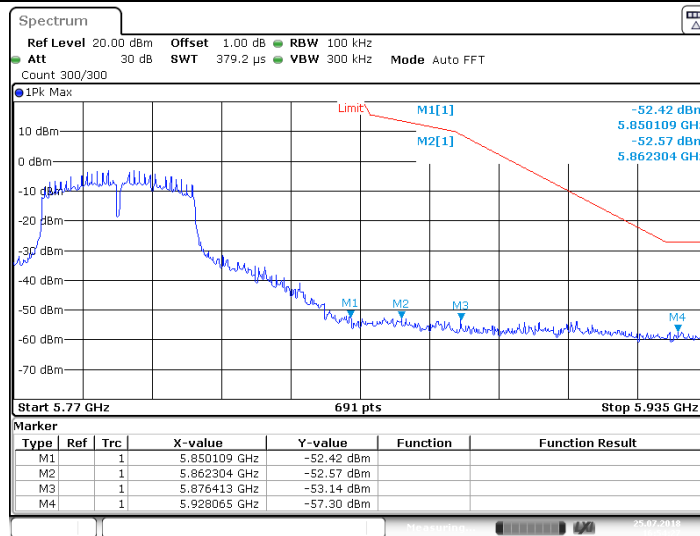
11N40ISO_Ant1_Low_5755



11N40ISO_Ant1_High_5795

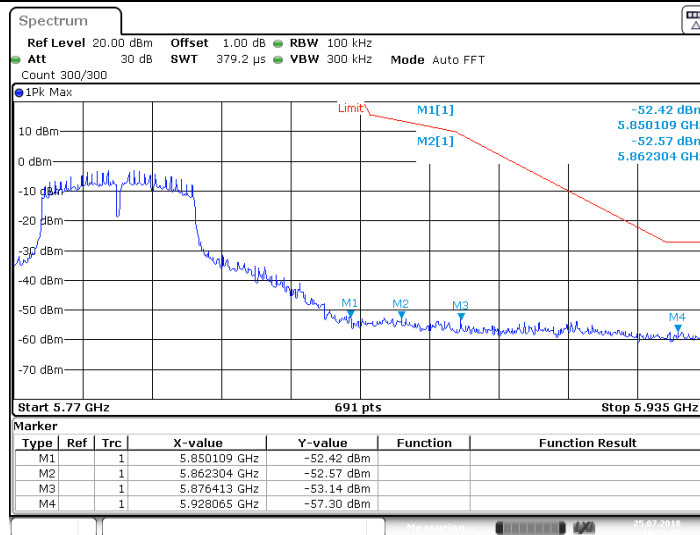


11N40SISO_Ant1_High_5795



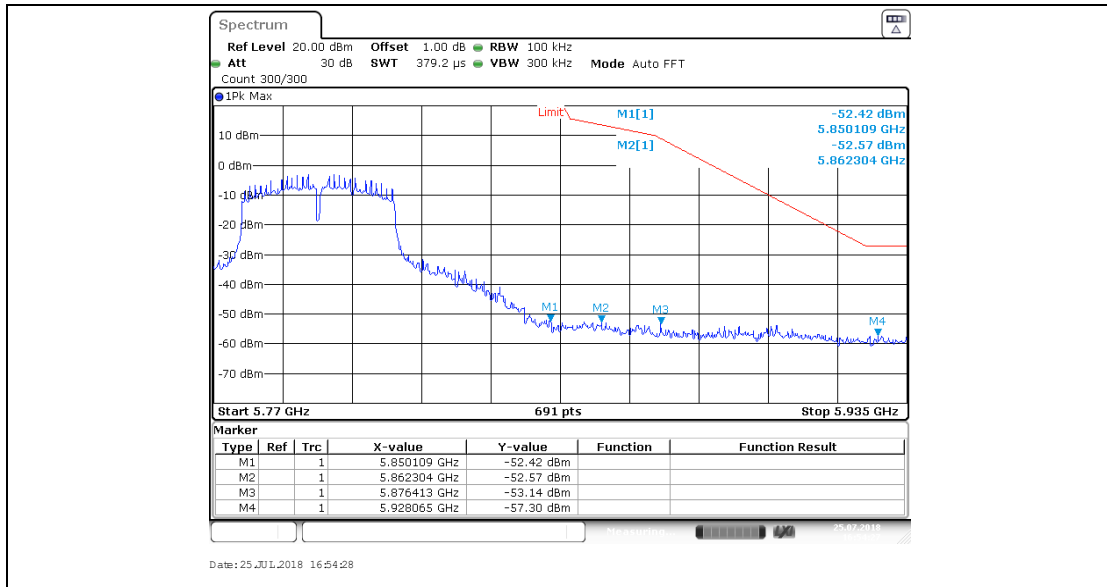
Date: 25 JUL 2018 16:54:28

11N40SISO_Ant1_High_5795



Date: 25 JUL 2018 16:54:28

11N40SISO_Ant1_High_5795

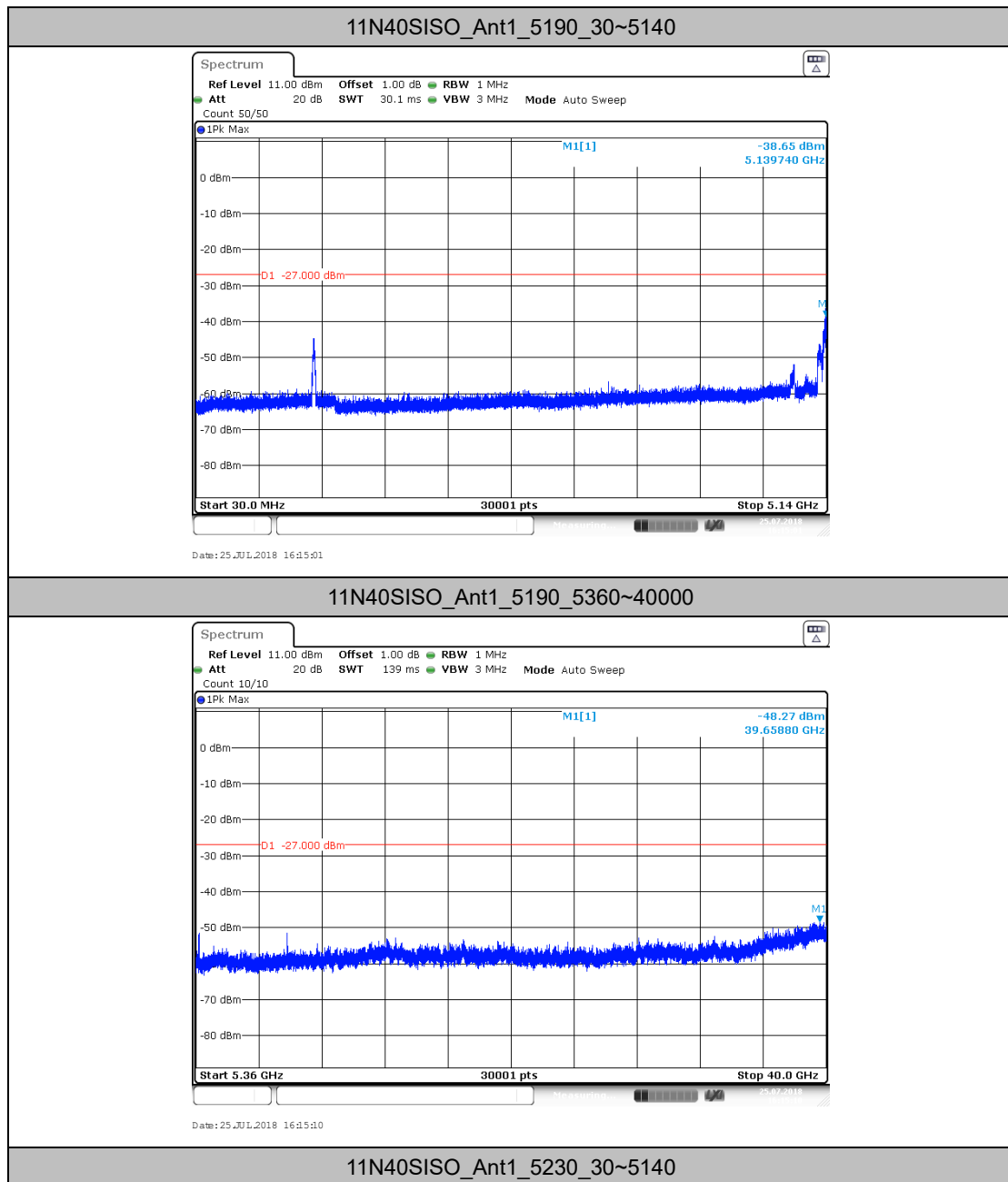


Appendix3 E: Conducted Spurious Emission

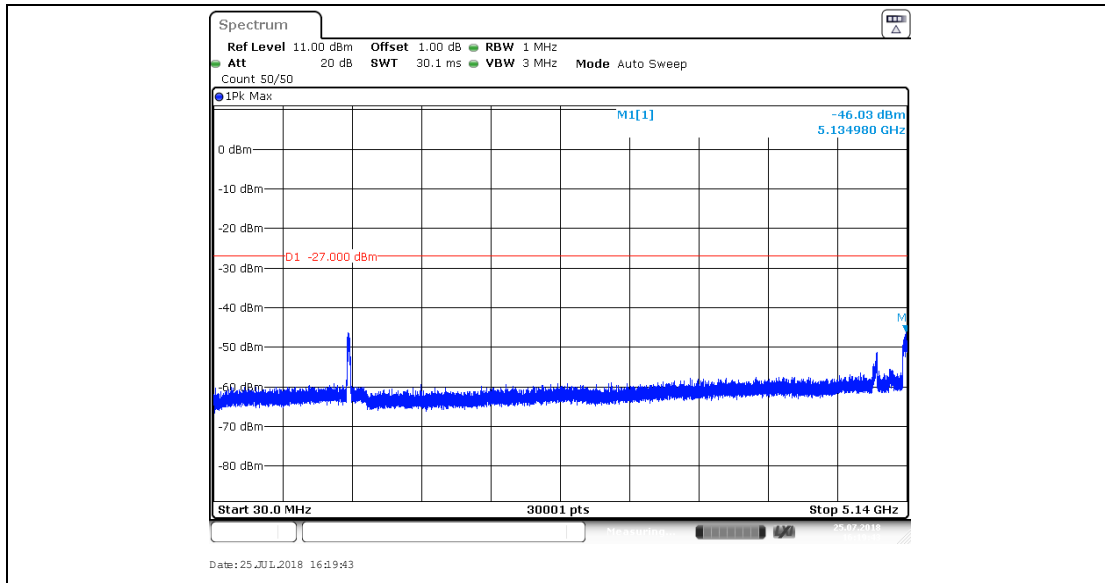
Test Result

TestMode	Antenna	Channel	FreqRange	Max. Fre	Max. Level	Limit	Verdict
11N40SISO	Ant1	5190	30~5140	5139.74	-38.77	-27	PASS
		5190	5360~40000	39658.80	-48.27	-27	PASS
		5230	30~5140	5134.98	-46.03	-27	PASS
		5230	5360~40000	39515.60	-48.71	-27	PASS
		5270	30~5140	1063.63	-46.75	-27	PASS
		5270	5360~40000	5371.00	-47.99	-27	PASS
		5310	30~5140	1107.92	-49.53	-27	PASS
		5310	5360~40000	5365.20	-38.4	-27	PASS
		5510	30~5460	5455.38	-36.8	-27	PASS
		5510	5735~40000	39663.60	-48.19	-27	PASS
		5550	30~5460	5438.91	-46.53	-27	PASS
		5550	5735~40000	39147.40	-47.06	-27	PASS
		5670	30~5460	3779.92	-52.56	-27	PASS
		5670	5735~40000	5751.60	-45.68	-27	PASS
		5755	30~5650	5647.47	-45.5	-27	PASS
		5755	5925~40000	39797.30	-48.11	-27	PASS
		5795	30~5650	3862.99	-52.51	-27	PASS
		5795	5925~40000	39534.90	-48.27	-27	PASS

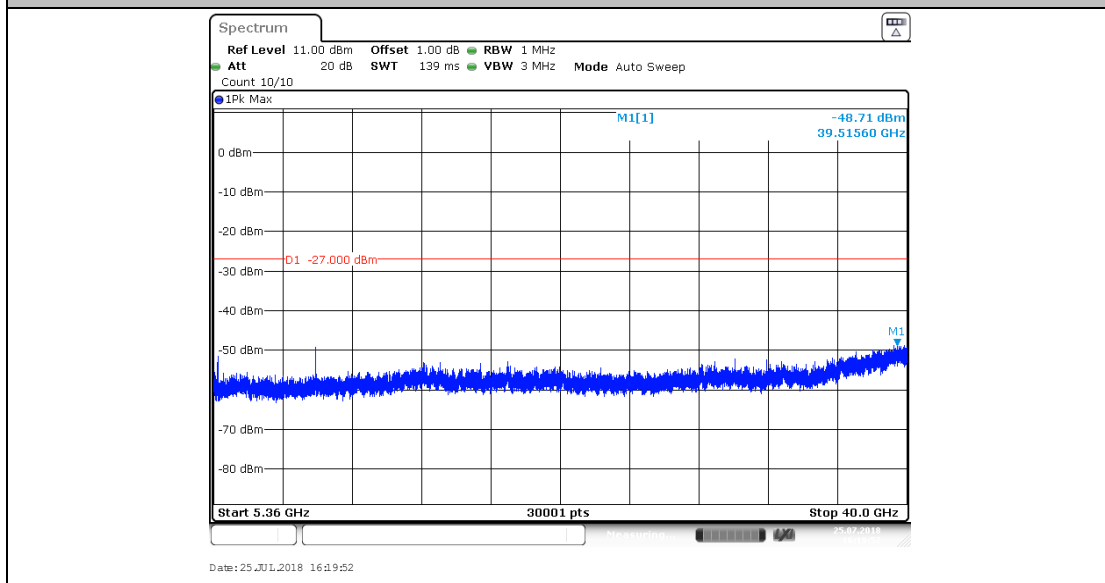
Test Graphs



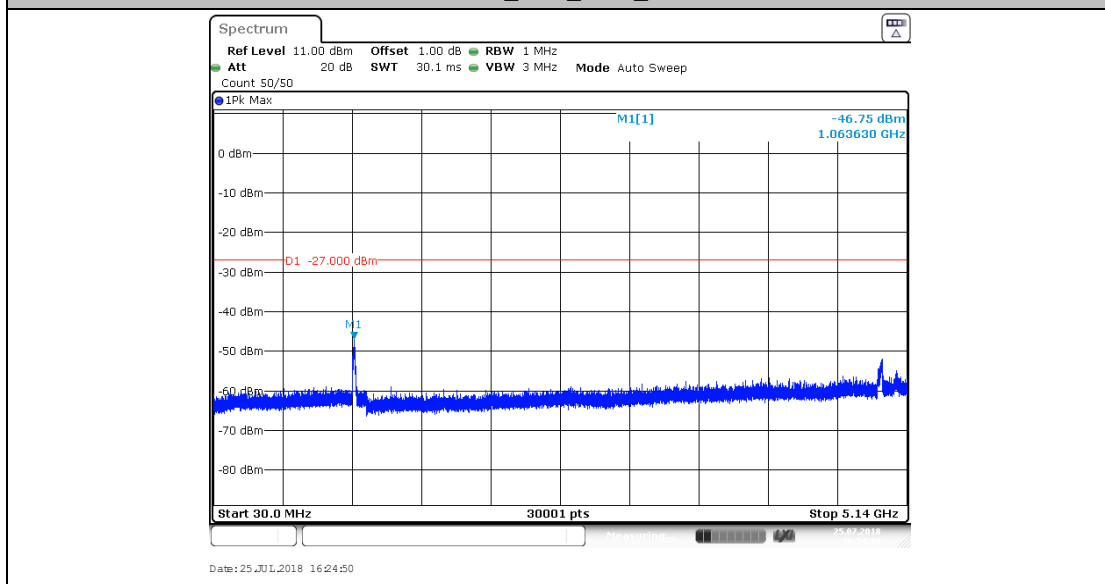
11N40SISO_Ant1_5230_30~5140



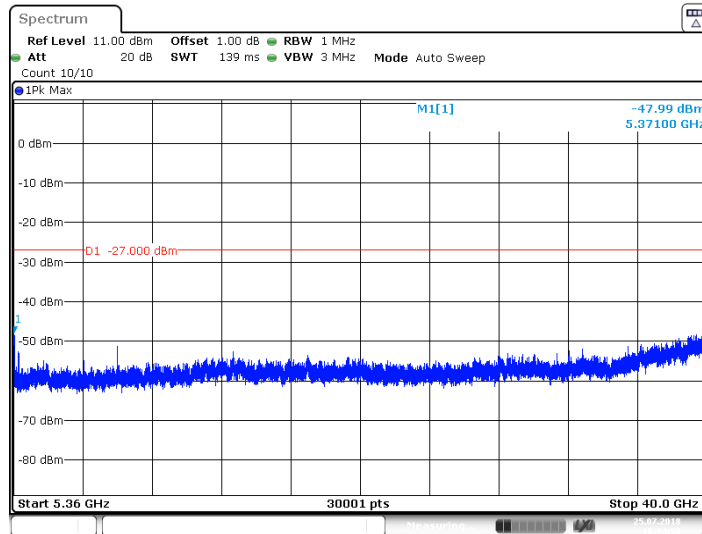
11N40SISO_Ant1_5230_5360~40000



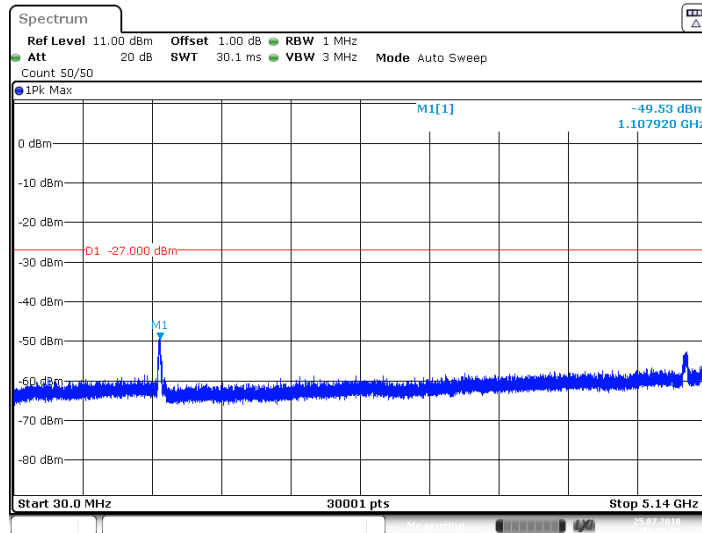
11N40SISO_Ant1_5270_30~5140



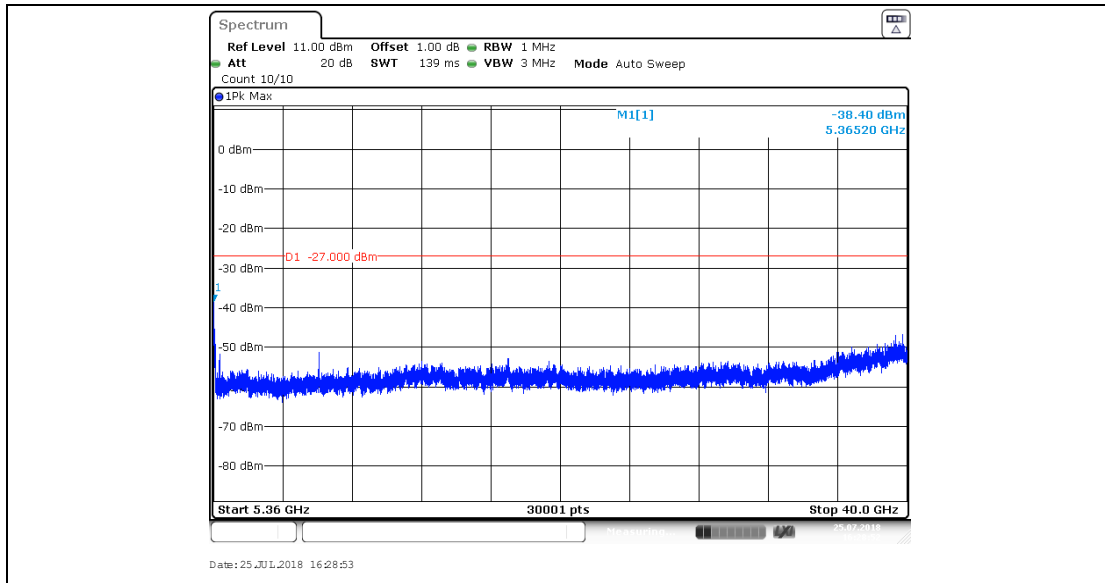
11N40SISO_Ant1_5270_5360~40000



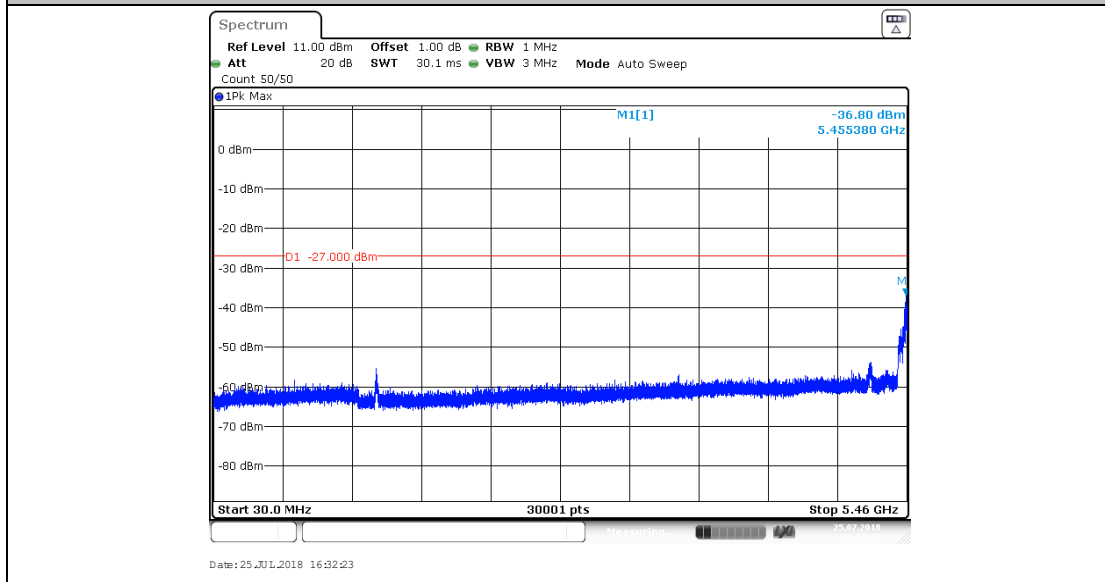
11N40SISO_Ant1_5310_30~5140



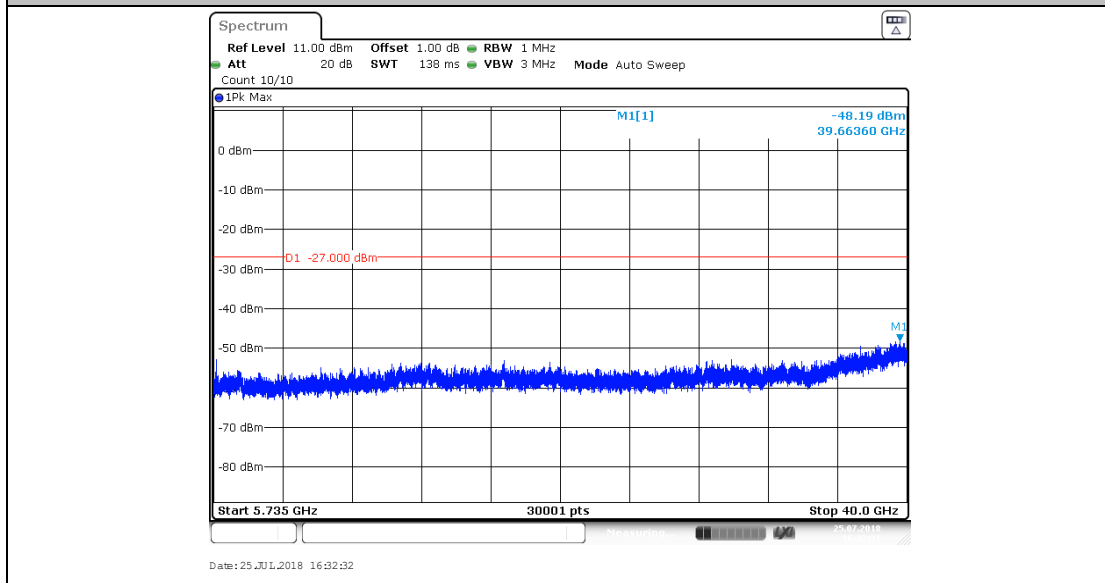
11N40SISO_Ant1_5310_5360~40000



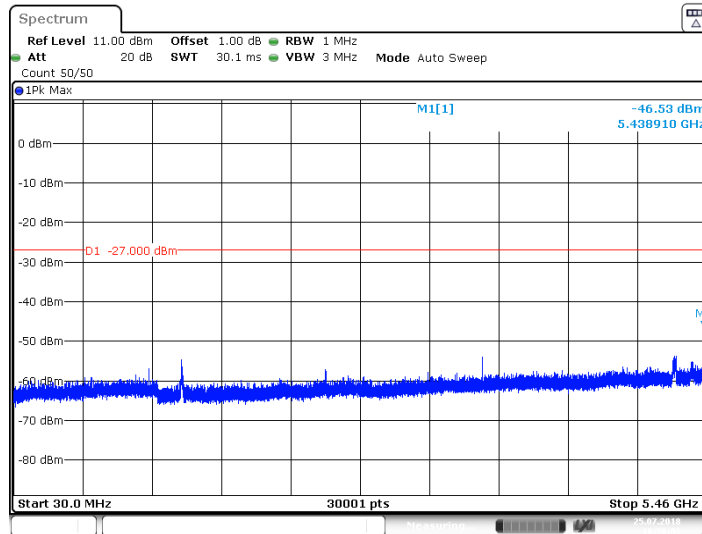
11N40SISO_Ant1_5510_30~5460



11N40SISO_Ant1_5510_5735~40000

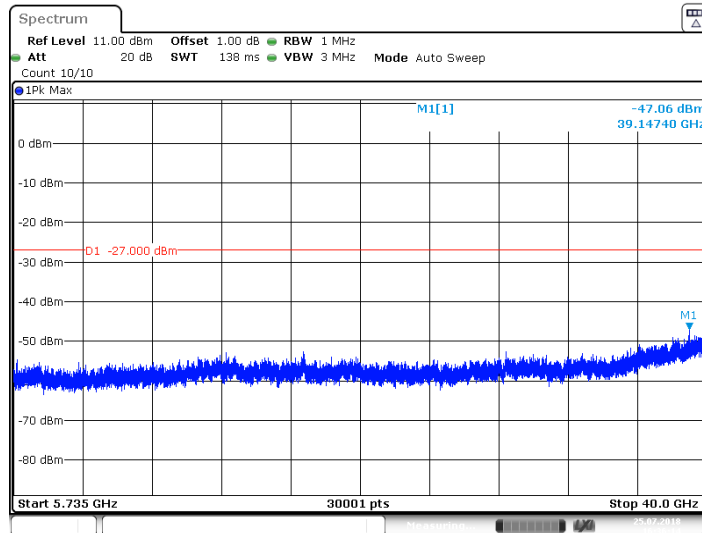


11N40SISO_Ant1_5550_30~5460



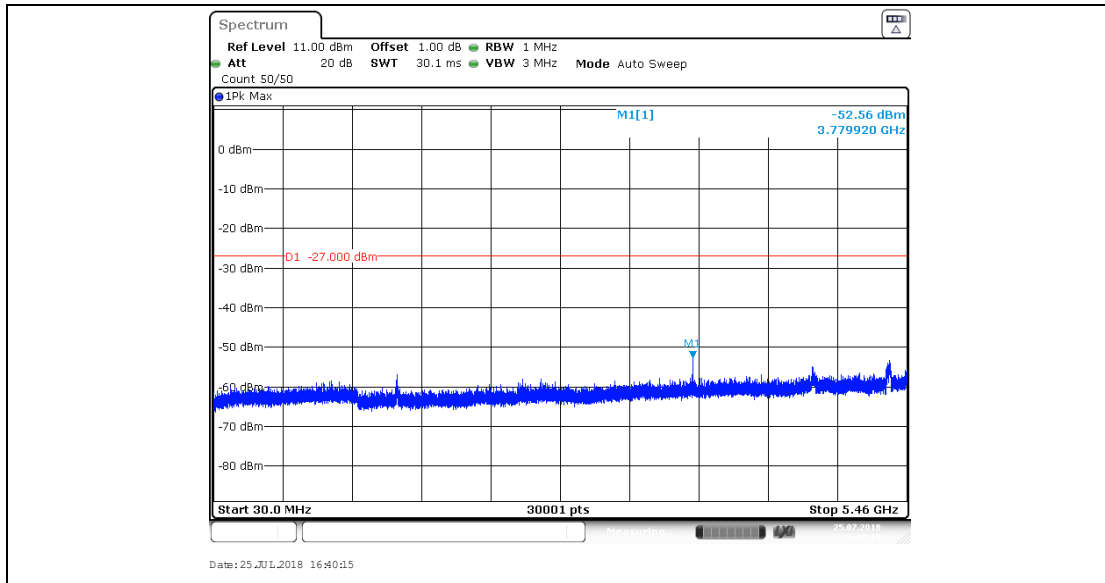
Date: 25 JUL 2018 16:36:06

11N40SISO_Ant1_5550_5735~40000

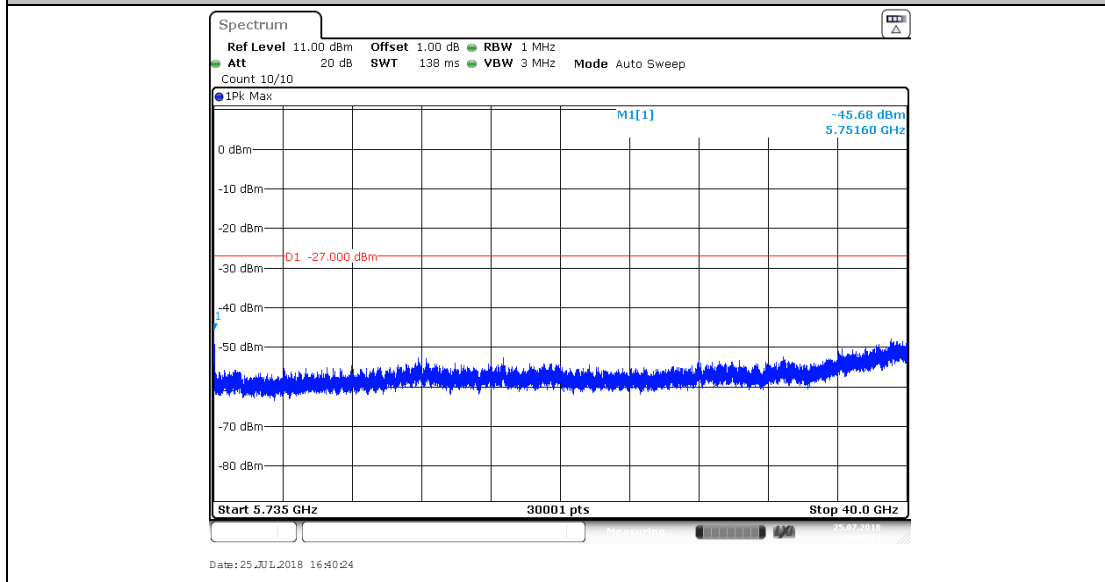


Date: 25 JUL 2018 16:36:15

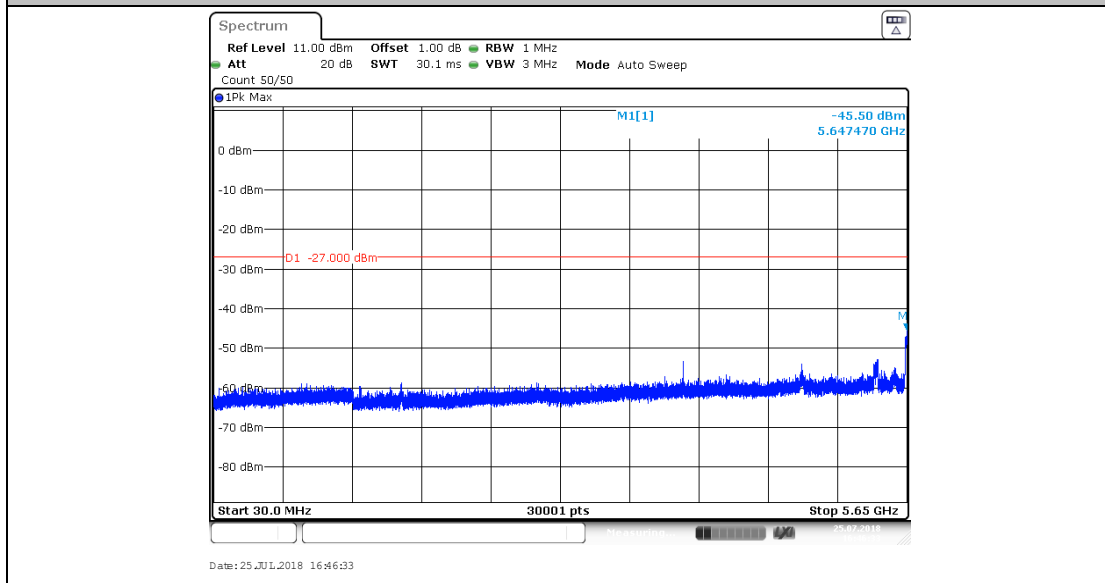
11N40SISO_Ant1_5670_30~5460



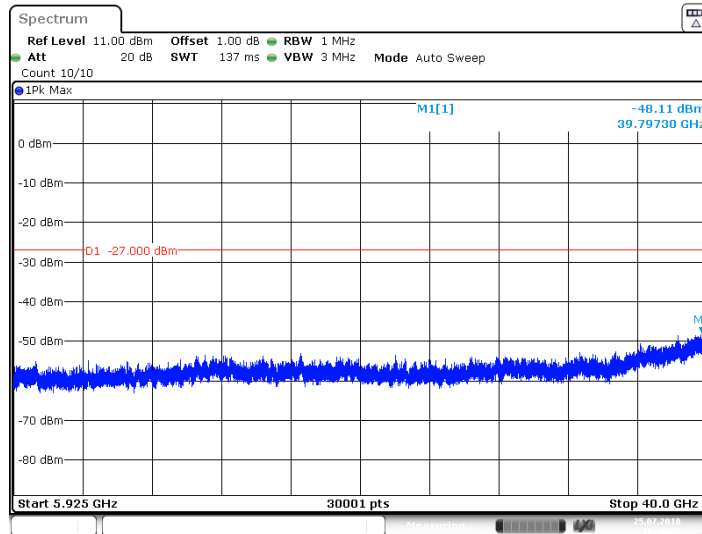
11N40SISO_Ant1_5670_5735~40000



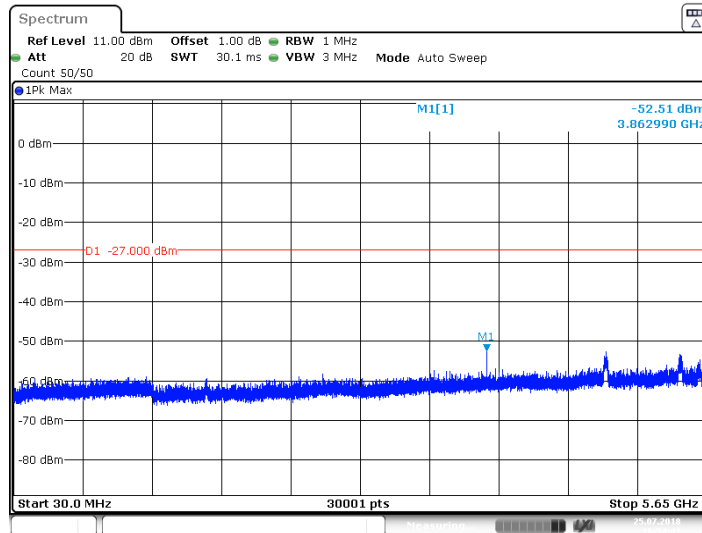
11N40SISO_Ant1_5755_30~5650



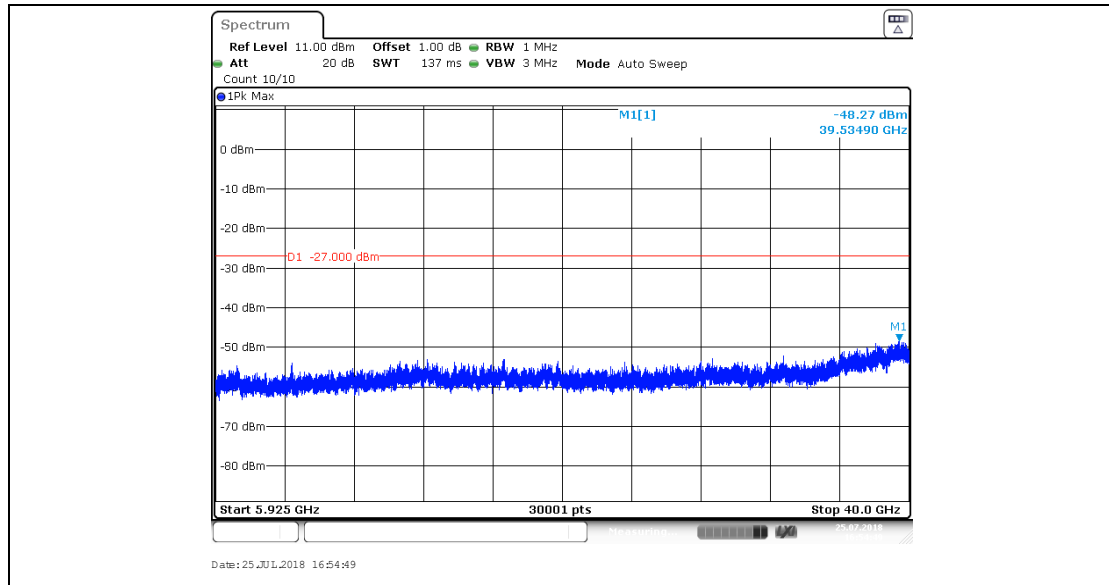
11N40SISO_Ant1_5755_5925~40000



11N40SISO_Ant1_5795_30~5650



11N40SISO_Ant1_5795_5925~40000



Appendix3 F: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N40SI SO	Ant1	5190	NV	NT	-30000	-5.780347	20	PASS
		5190	LV	NT	-30000	-5.780347	20	PASS
		5190	HV	NT	30000	5.780347	20	PASS
		5230	NV	NT	0	0	20	PASS
		5230	LV	NT	-30000	-5.736138	20	PASS
		5230	HV	NT	30000	5.736138	20	PASS
		5270	NV	NT	0	0	20	PASS
		5270	LV	NT	0	0	20	PASS
		5270	HV	NT	60000	11.385199	20	PASS
		5310	NV	NT	-30000	-5.649718	20	PASS
		5310	LV	NT	0	0	20	PASS
		5310	HV	NT	0	0	20	PASS
		5510	NV	NT	0	0	20	PASS
		5510	LV	NT	0	0	20	PASS
		5510	HV	NT	0	0	20	PASS
		5550	NV	NT	-30000	-5.405405	20	PASS
		5550	LV	NT	-30000	-5.405405	20	PASS
		5550	HV	NT	0	0	20	PASS
		5670	NV	NT	-60000	-10.582011	20	PASS
		5670	LV	NT	-30000	-5.291005	20	PASS
		5670	HV	NT	0	0	20	PASS
		5755	NV	NT	-30000	-5.212858	20	PASS
		5755	LV	NT	-30000	-5.212858	20	PASS
		5755	HV	NT	0	0	20	PASS
5795	NV	NT	0	0	20	PASS		
5795	LV	NT	0	0	20	PASS		
5795	HV	NT	0	0	20	PASS		

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N40SI SO	Ant1	5190	NV	-5	30000	5.780347	20	PASS
		5190	NV	50	30000	5.780347	20	PASS
		5230	NV	-5	-30000	-5.736138	20	PASS
		5230	NV	50	-60000	-11.472275	20	PASS
		5270	NV	-5	-30000	-5.6926	20	PASS

		5270	NV	50	0	0	20	PASS
		5310	NV	-5	-30000	-5.649718	20	PASS
		5310	NV	50	-30000	-5.649718	20	PASS
		5510	NV	-5	-30000	-5.444646	20	PASS
		5510	NV	50	-30000	-5.444646	20	PASS
		5550	NV	-5	0	0	20	PASS
		5550	NV	50	30000	5.405405	20	PASS
		5670	NV	-5	30000	5.291005	20	PASS
		5670	NV	50	0	0	20	PASS
		5755	NV	-5	0	0	20	PASS
		5755	NV	50	-30000	-5.212858	20	PASS
		5795	NV	-5	-30000	-5.176877	20	PASS
		5795	NV	50	0	0	20	PASS