

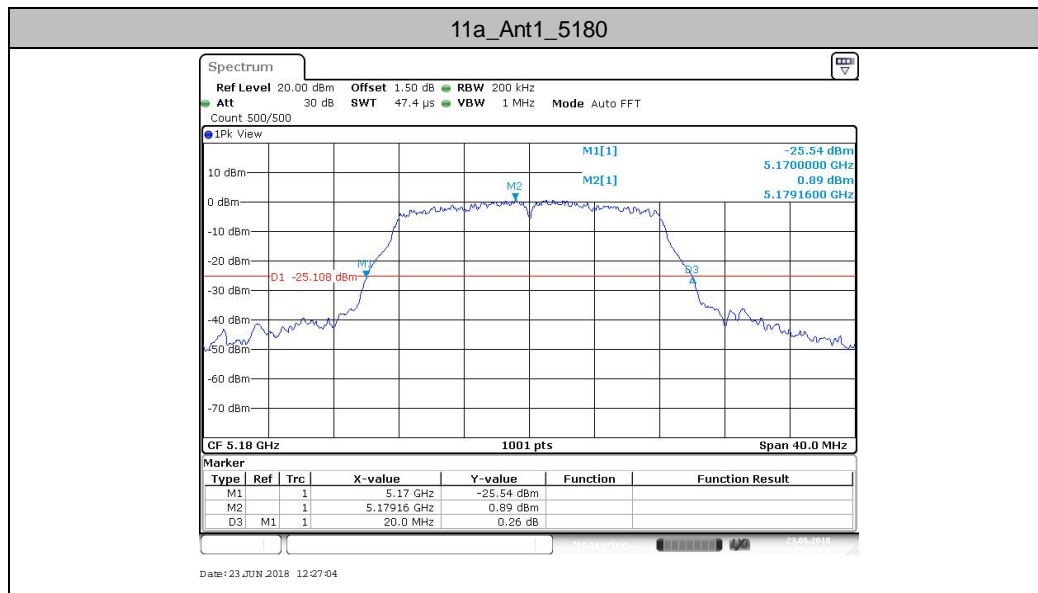


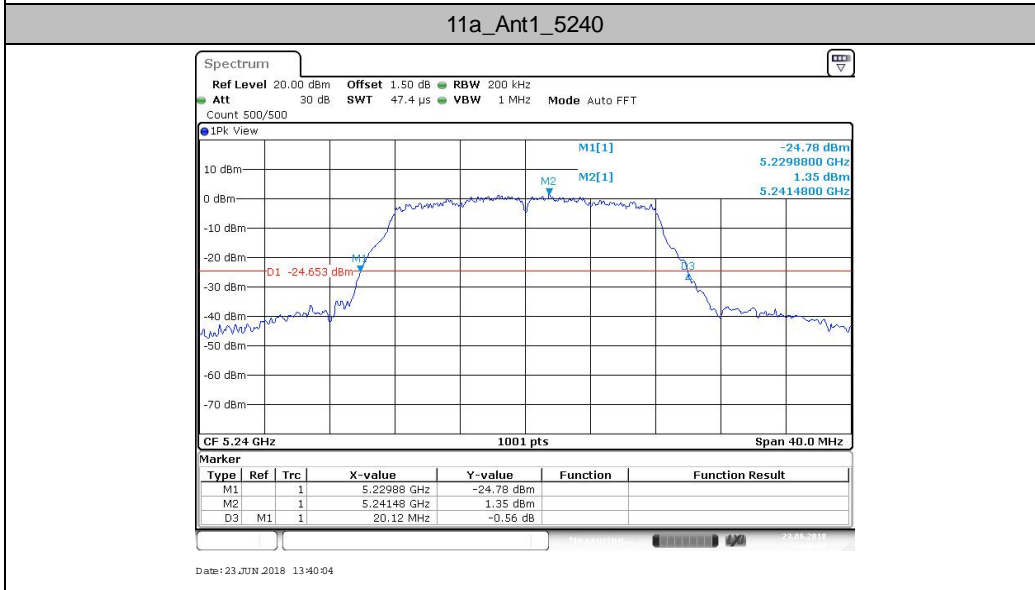
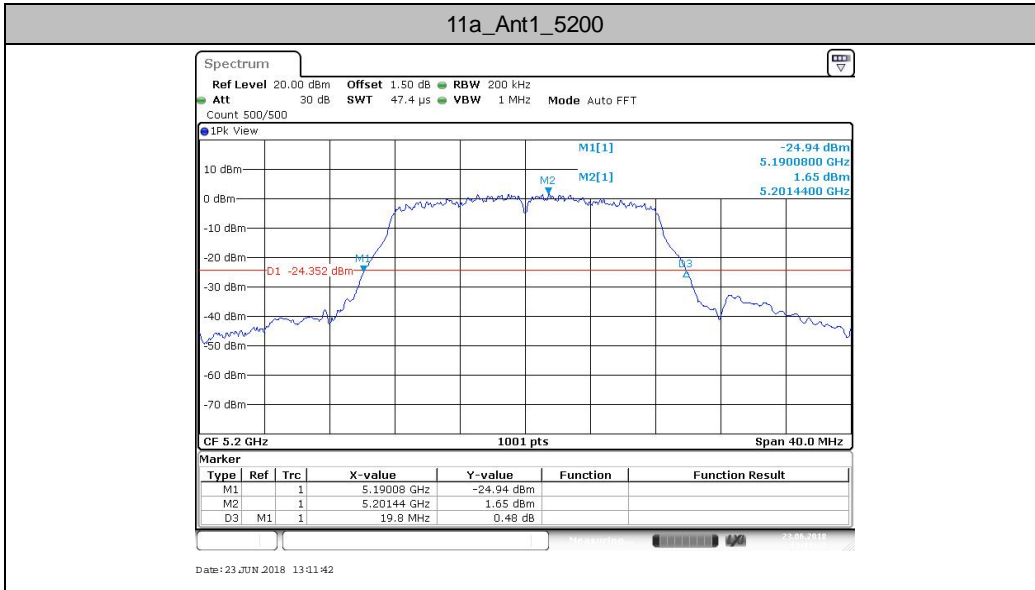
Appendix A1: Emission Bandwidth

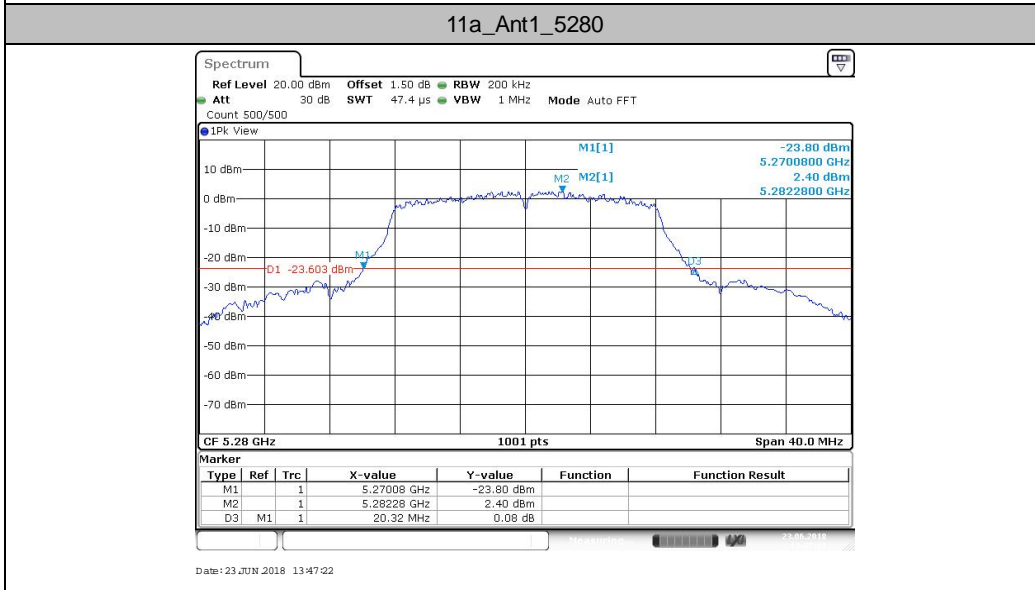
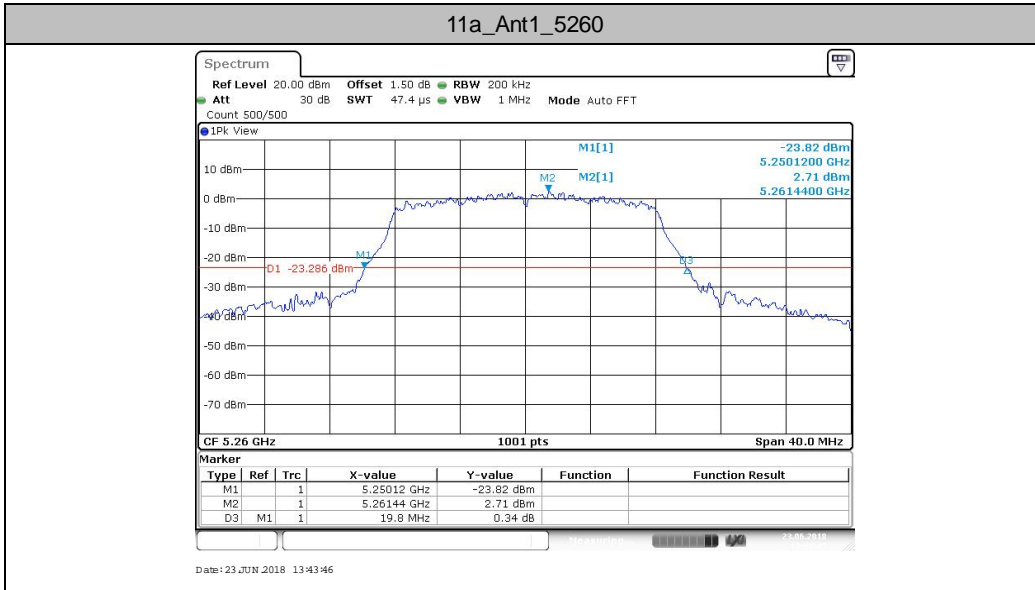
Test Result

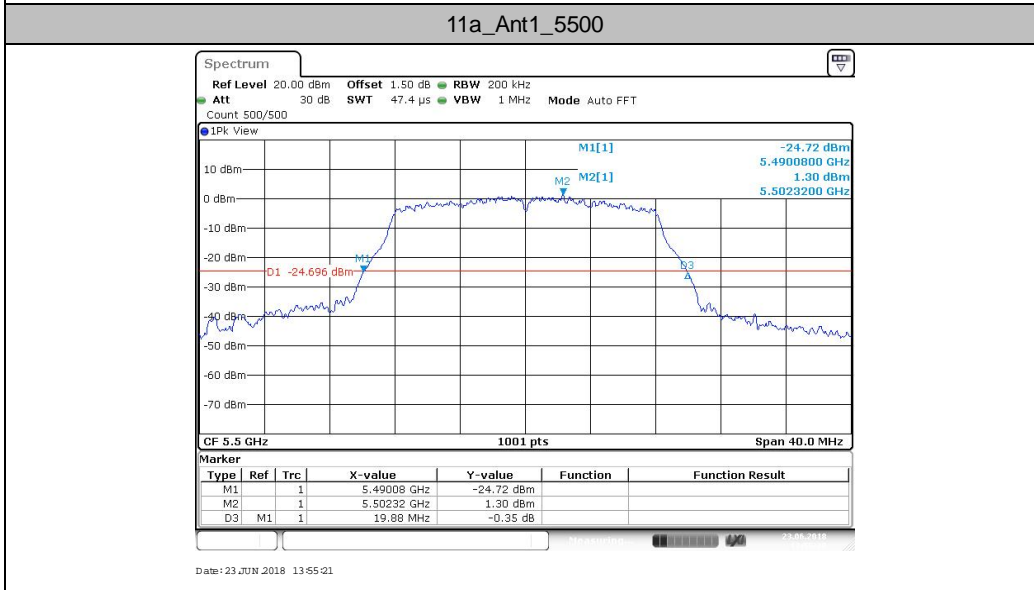
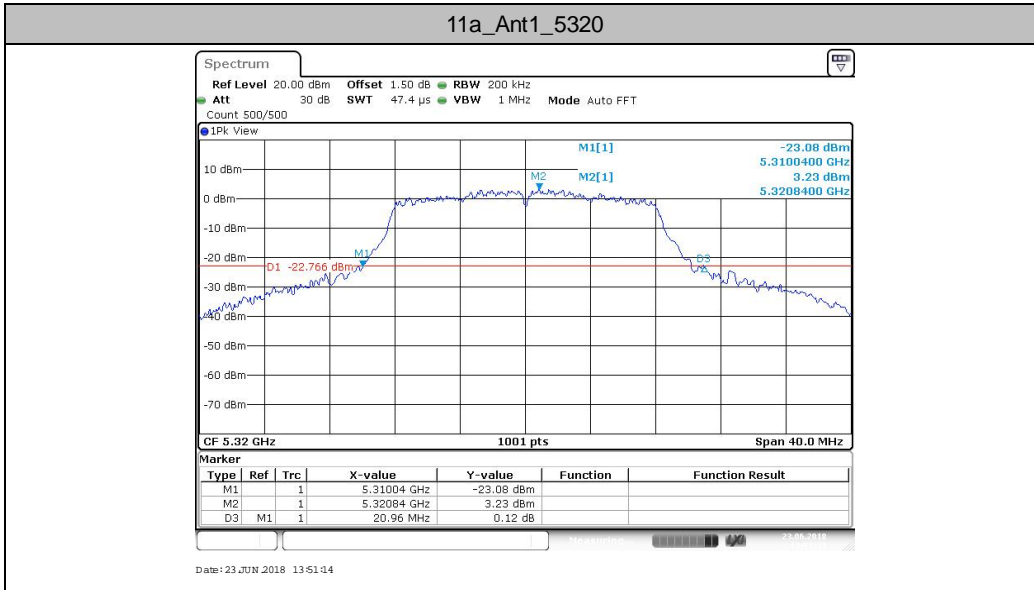
TestMode	Antenna	Channel (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5180	20.000	5170.000	5190.000	---	PASS
		5200	19.800	5190.080	5209.880	---	PASS
		5240	20.120	5229.880	5250.000	---	PASS
		5260	19.800	5250.120	5269.920	---	PASS
		5280	20.320	5270.080	5290.400	---	PASS
		5320	20.960	5310.040	5331.000	---	PASS
		5500	19.880	5490.080	5509.960	---	PASS
		5580	20.080	5569.880	5589.960	---	PASS
		5700	20.440	5689.560	5710.000	---	PASS
		5720	20.360	5709.640	5730.000	---	PASS
		5745	20.320	5734.680	5755.000	---	PASS
		5785	19.920	5775.080	5795.000	---	PASS
5825	20.000	5815.000	5835.000	---	PASS		

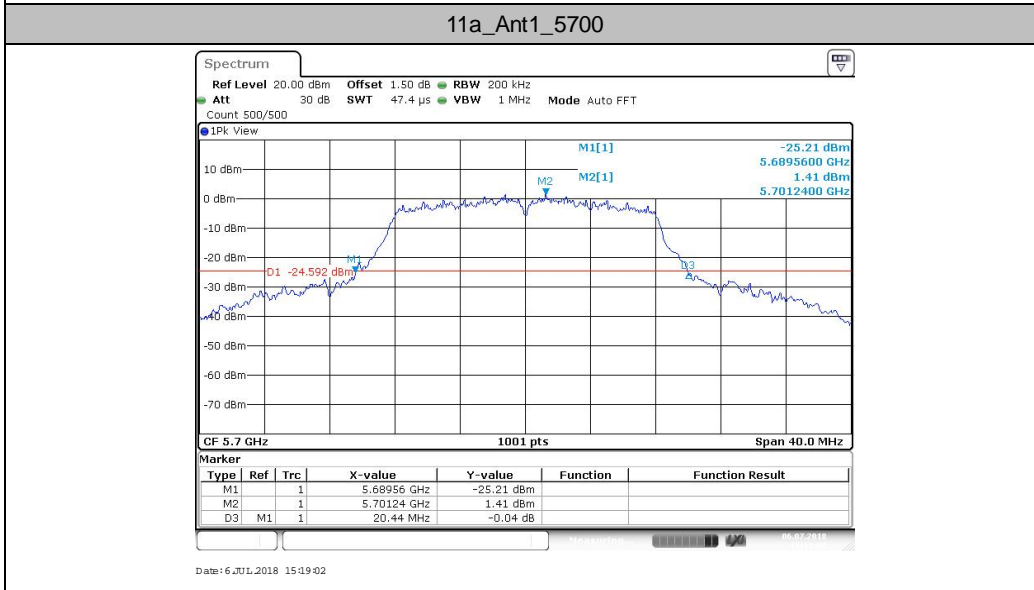
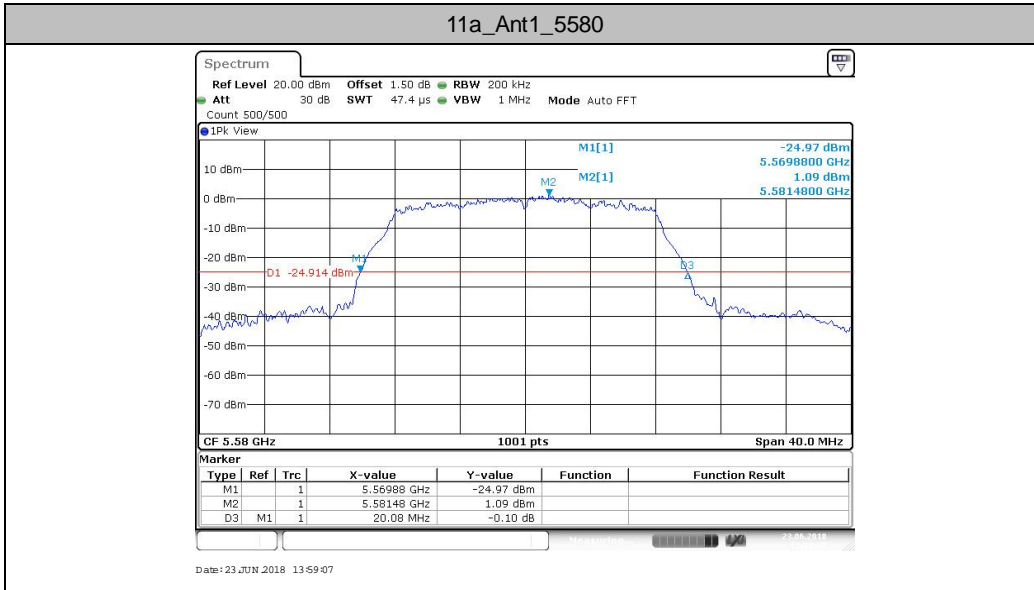
Test Graphs

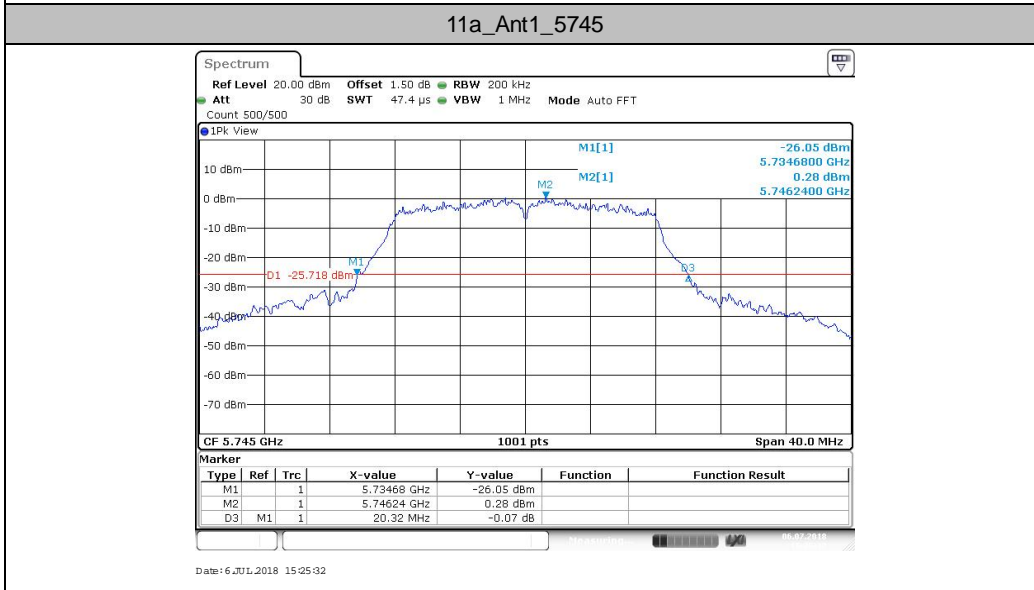
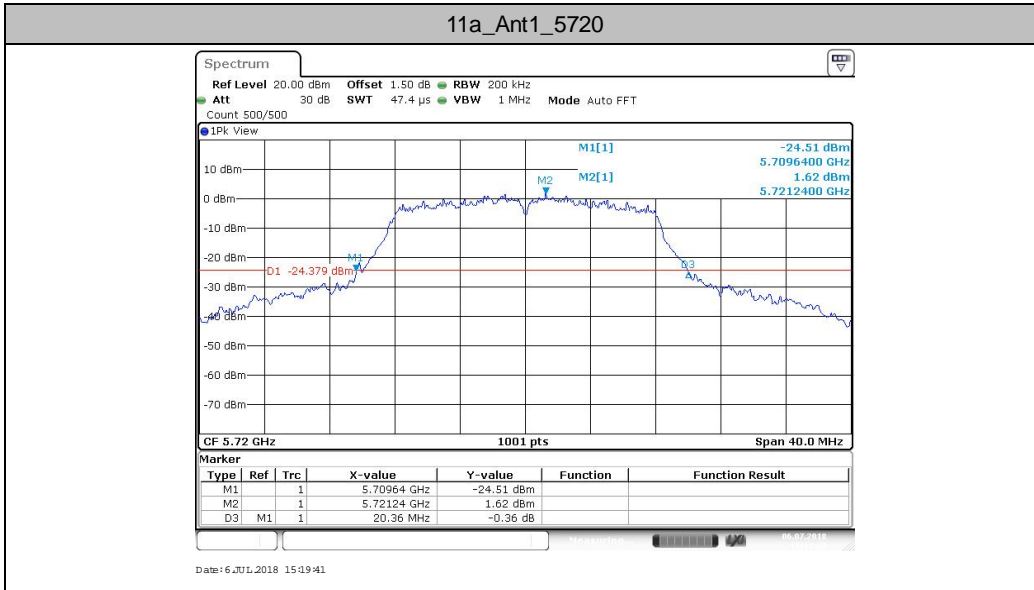


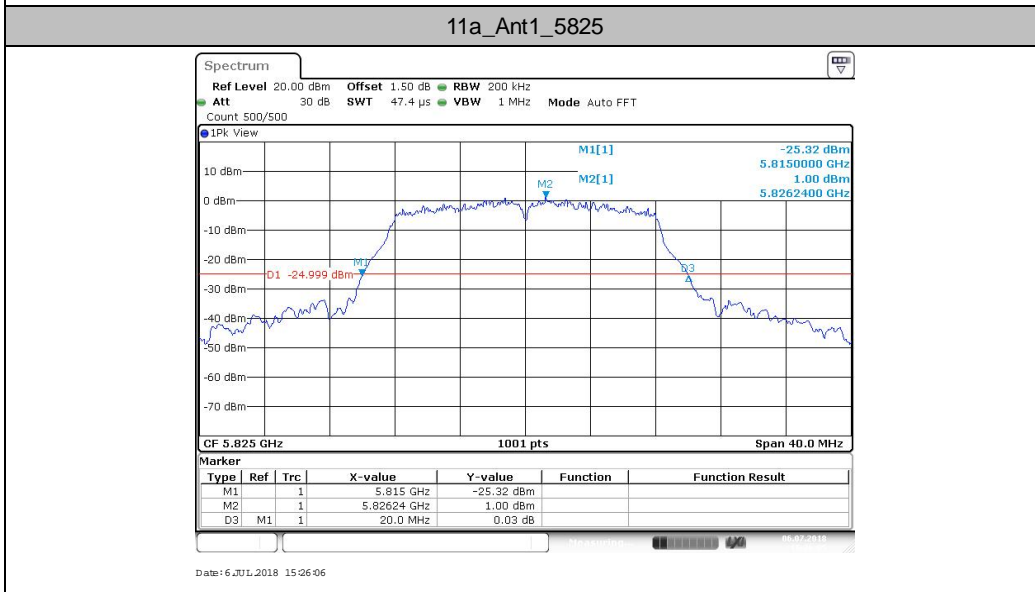
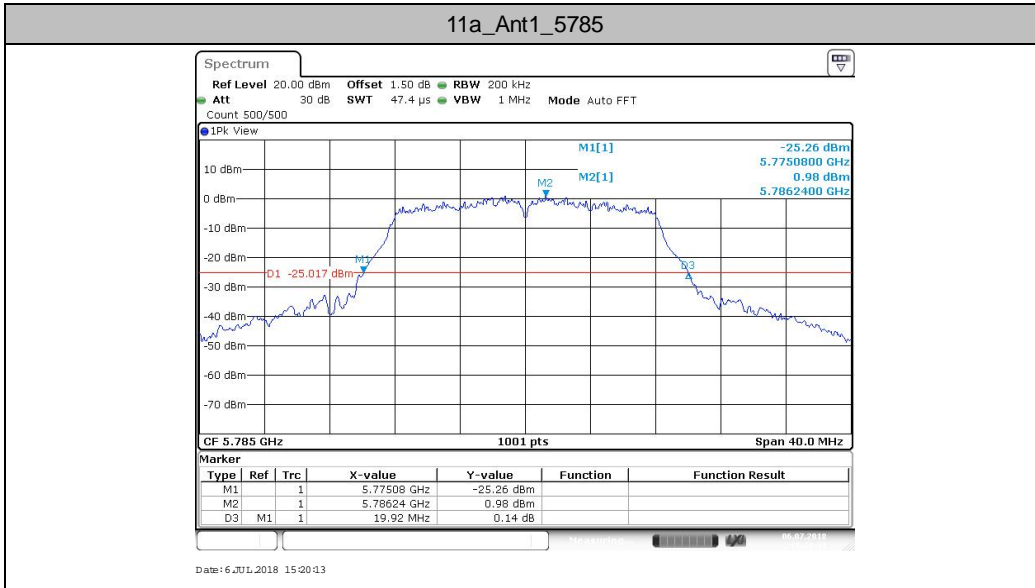














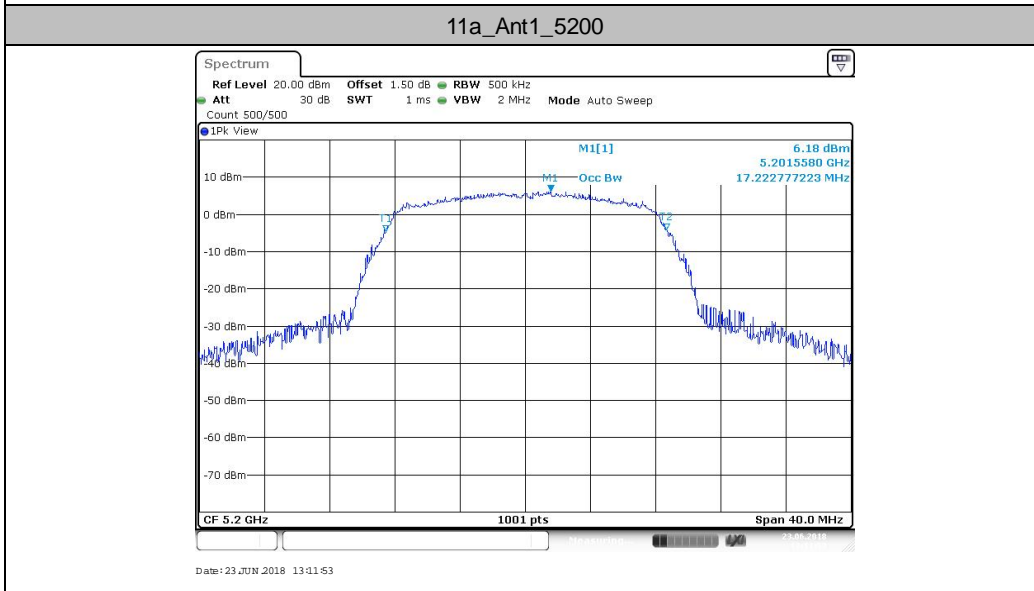
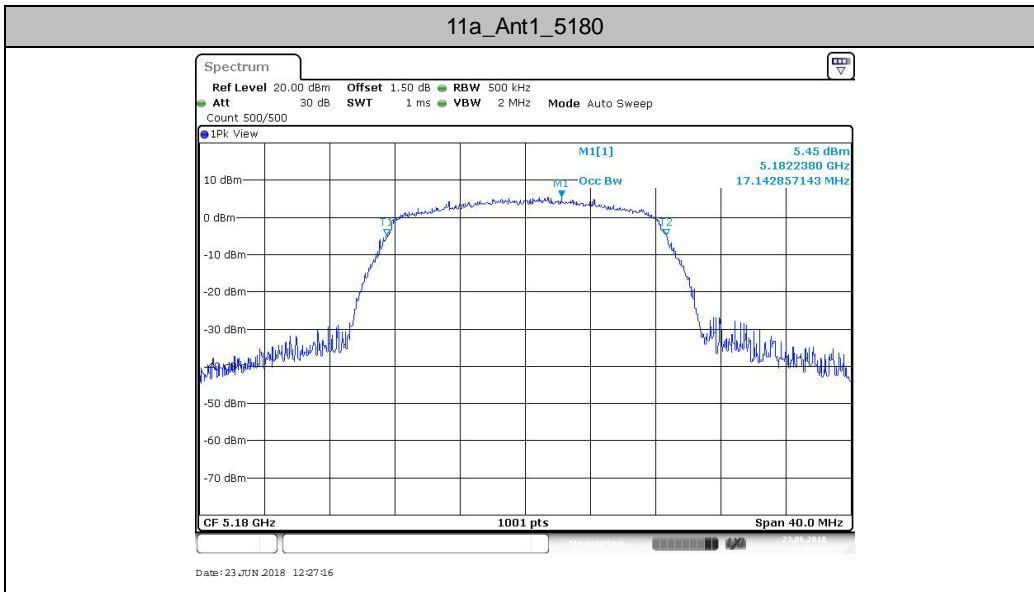
Appendix A2: Occupied Channel (MHz) bandwidth

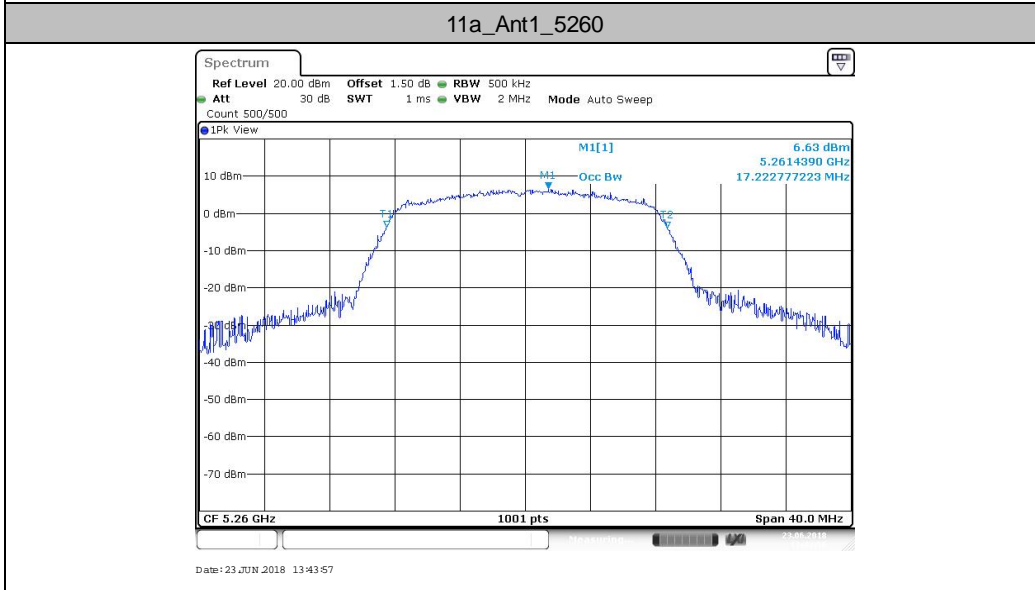
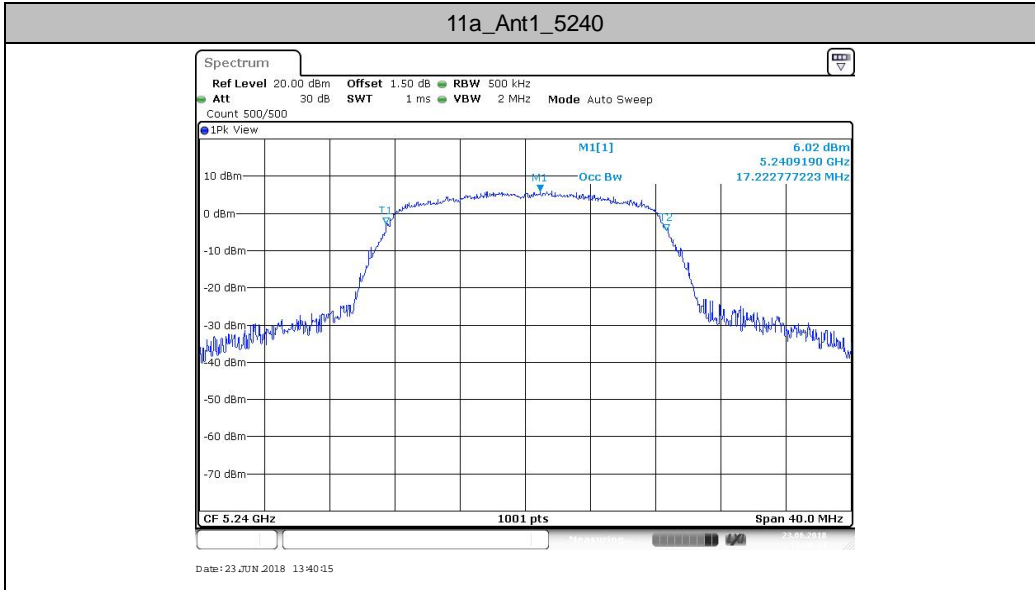
Test Result

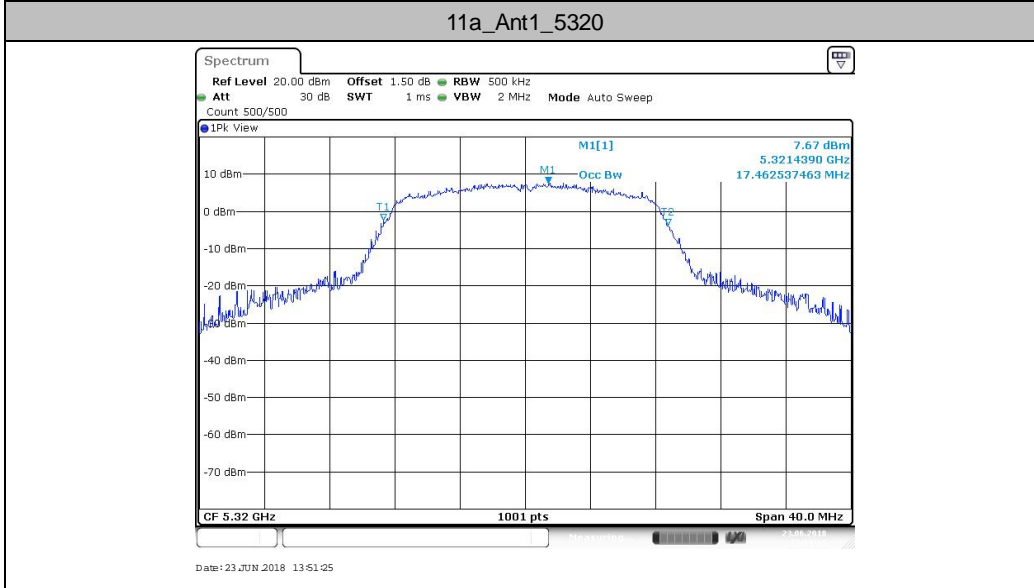
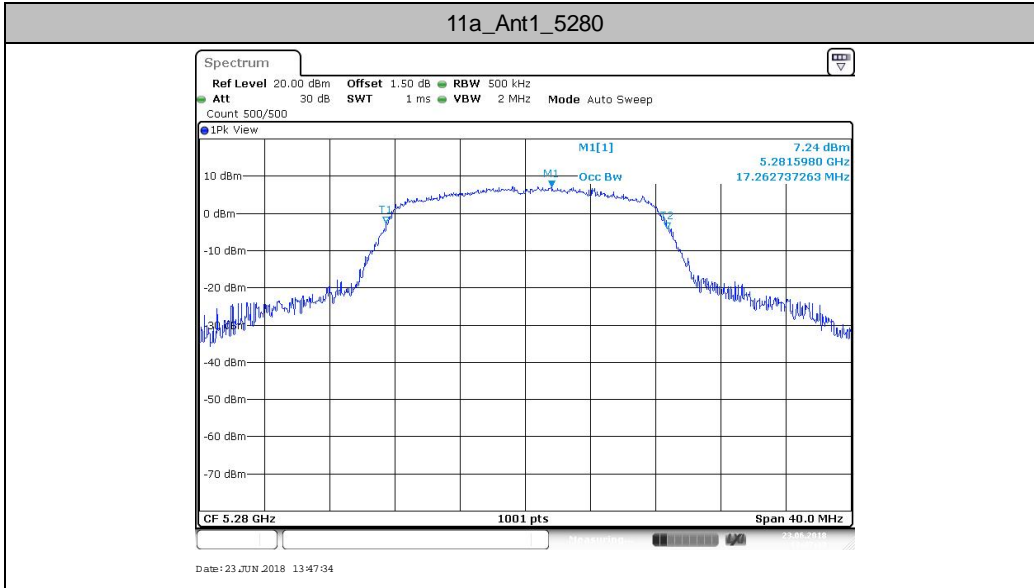
TestMode	Antenna	Channel (MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5180	17.143	5171.489	5188.631	---	PASS
		5200	17.223	5191.449	5208.671	---	PASS
		5240	17.223	5231.449	5248.671	---	PASS
		5260	17.223	5251.489	5268.711	---	PASS
		5280	17.263	5271.449	5288.711	---	PASS
		5320	17.463	5311.289	5328.751	---	PASS
		5500	17.183	5491.449	5508.631	---	PASS
		5580	17.263	5571.409	5588.671	---	PASS
		5700	21.139	5689.850	5710.989	---	PASS
		5720	21.698	5709.451	5731.149	---	PASS
		5745	22.298	5734.051	5756.349	---	PASS
		5785	21.658	5774.091	5795.749	---	PASS
		5825	18.701	5815.649	5834.351	---	PASS

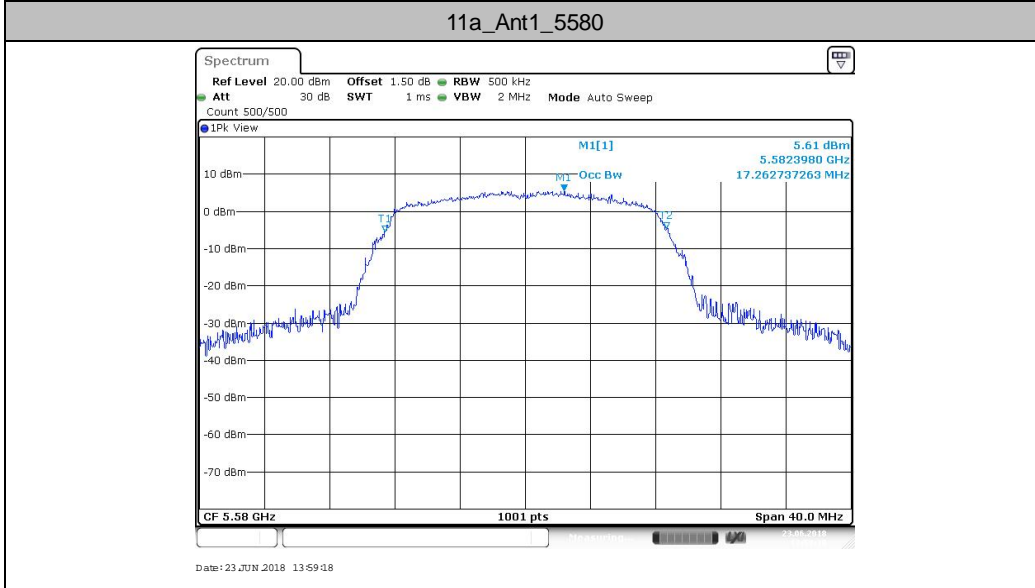
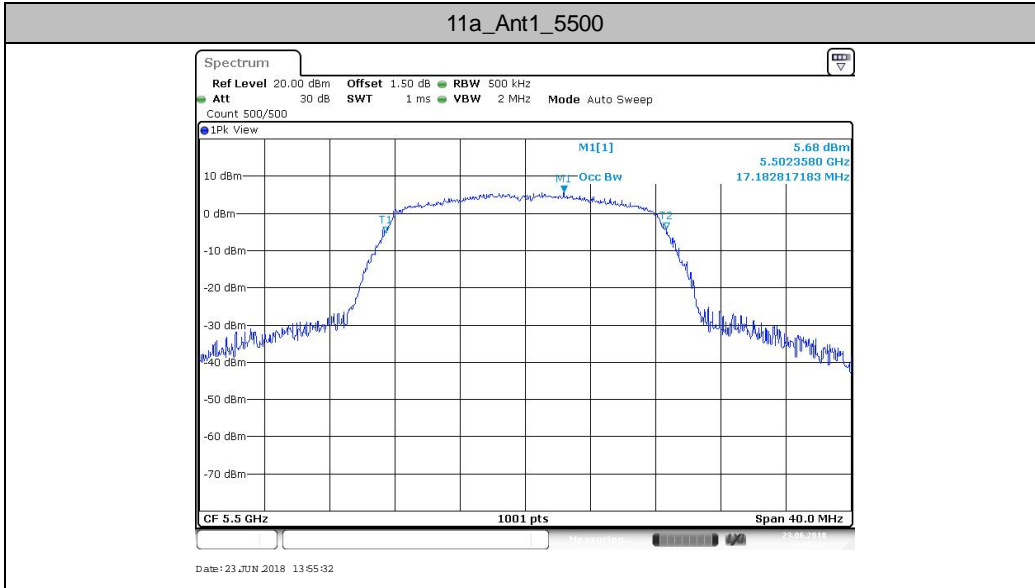


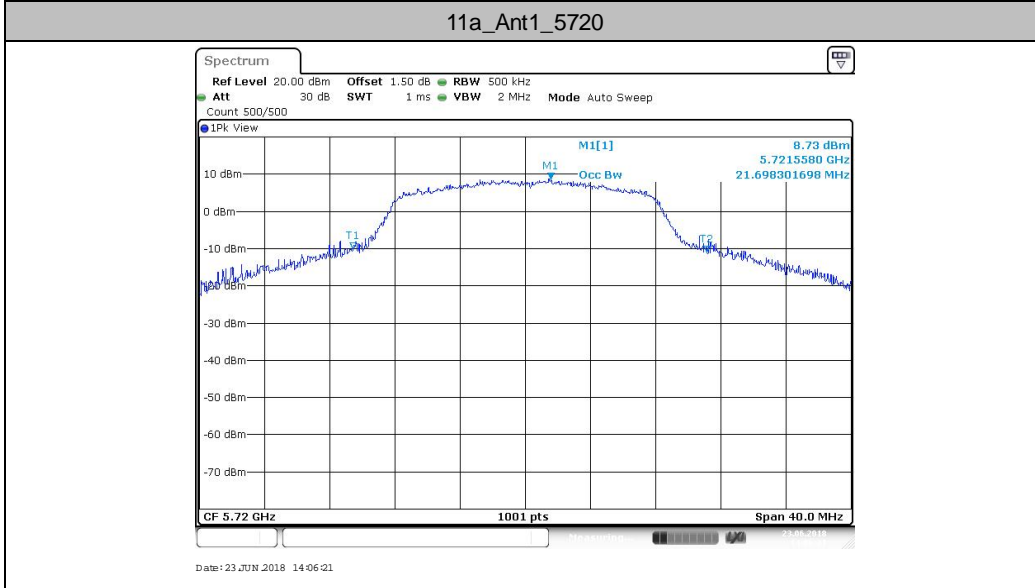
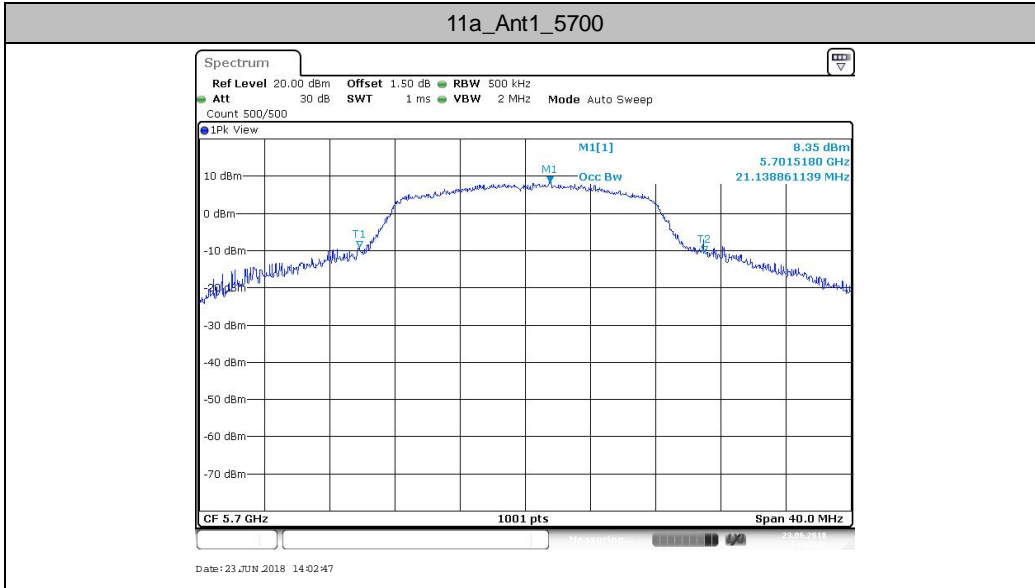
Test Graphs

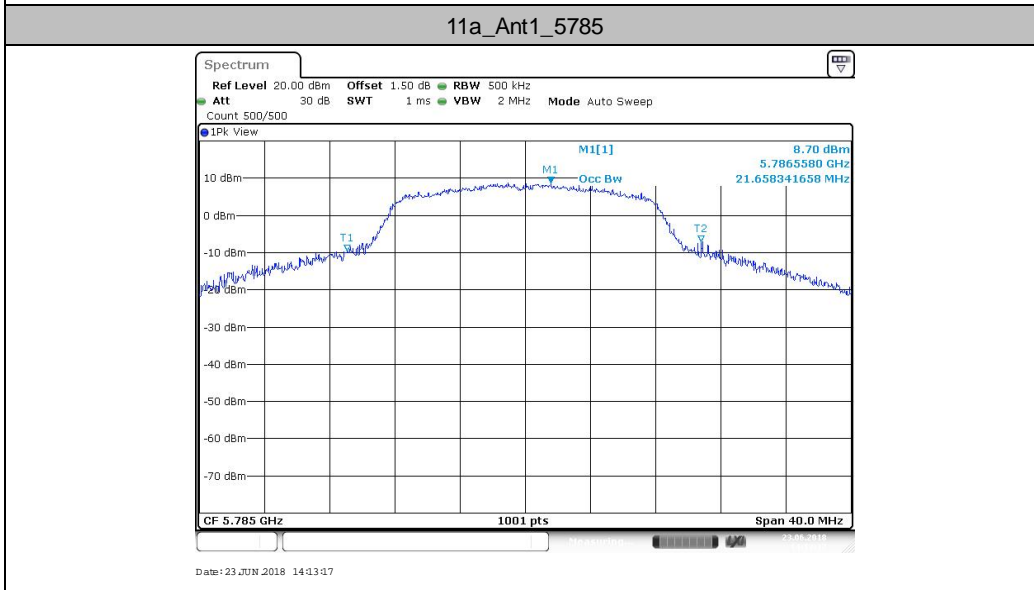
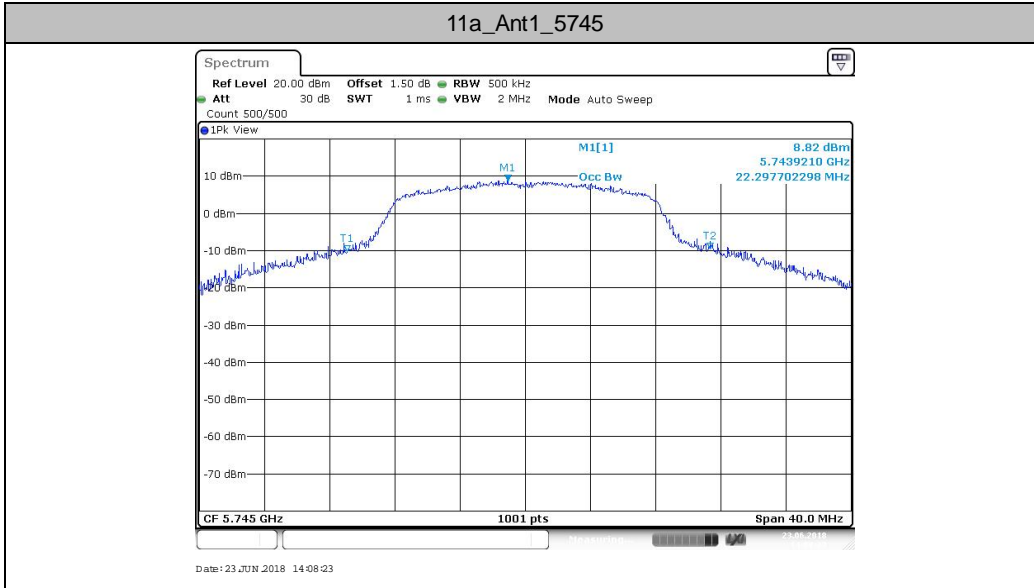


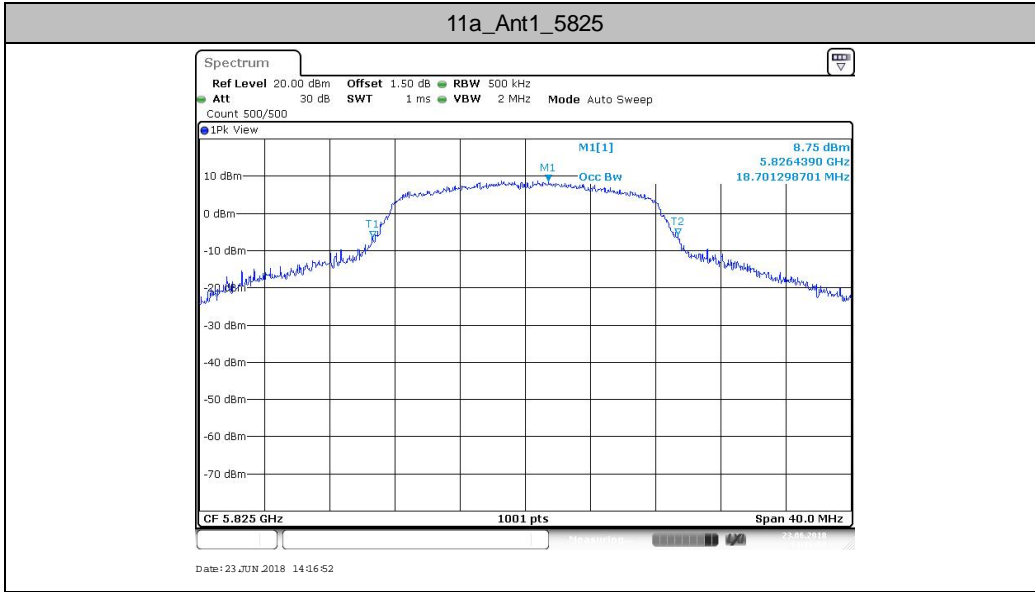












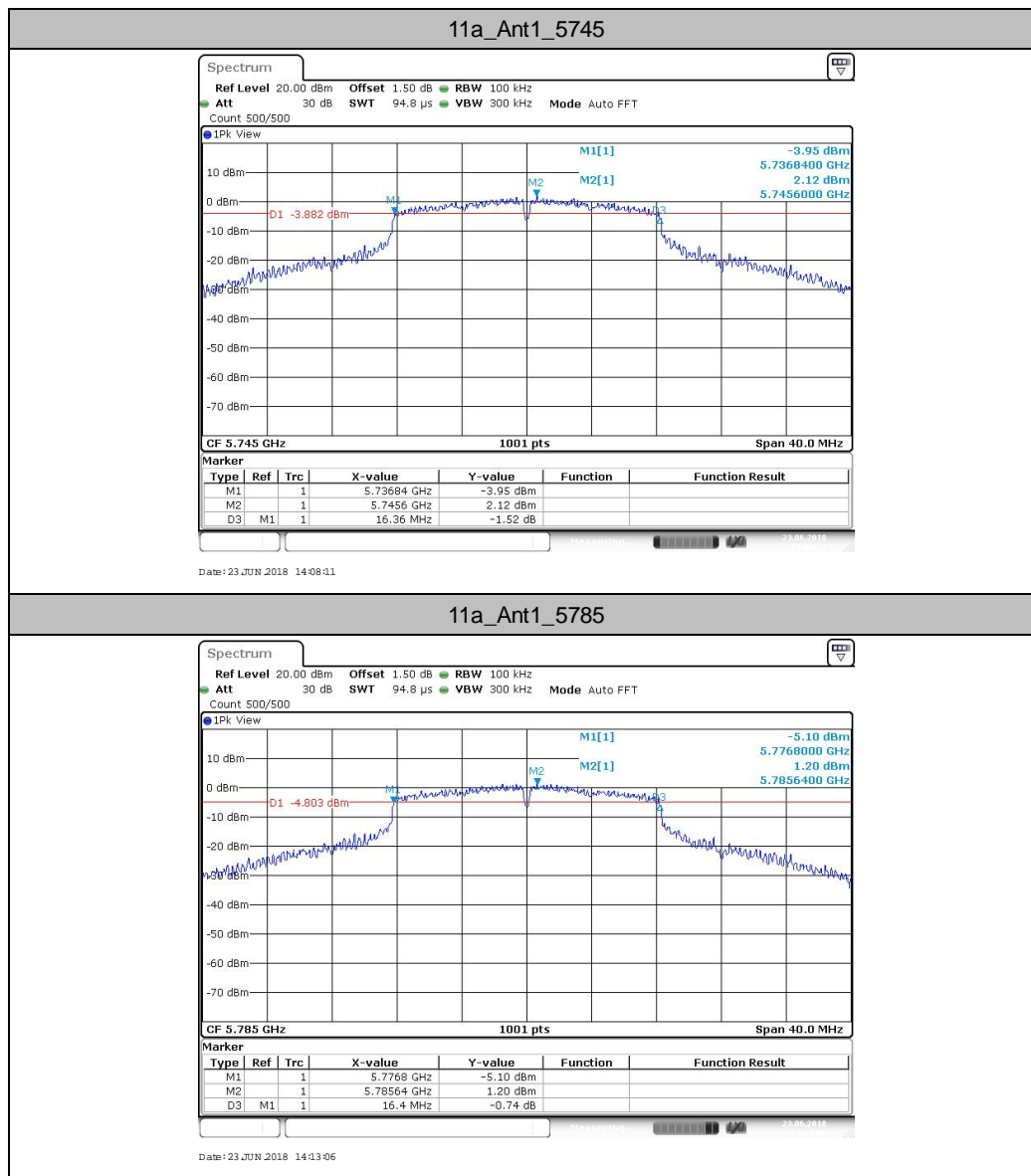


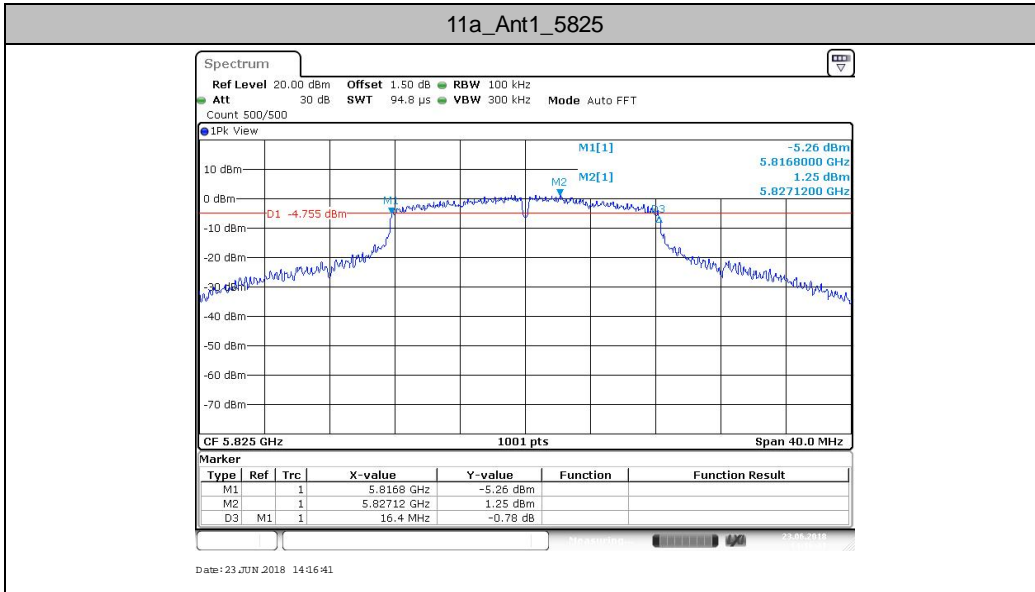
Appendix A3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel (MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5745	16.360	5736.840	5753.200	0.5	PASS
		5785	16.400	5776.800	5793.200	0.5	PASS
		5825	16.400	5816.800	5833.200	0.5	PASS

Test Graphs







Appendix A4: Maximum conducted output power

Test Result

TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	5180	14.25	23.98	PASS
		5200	14.31	23.98	PASS
		5240	14.45	23.98	PASS
		5260	14.01	23.98	PASS
		5280	14.09	23.98	PASS
		5320	14.11	23.98	PASS
		5500	13.78	23.98	PASS
		5580	13.97	23.98	PASS
		5700	13.91	23.98	PASS
		5720	13.76	23.98	PASS
		5745	13.07	30	PASS
		5785	13.09	30	PASS
		5825	13.12	30	PASS

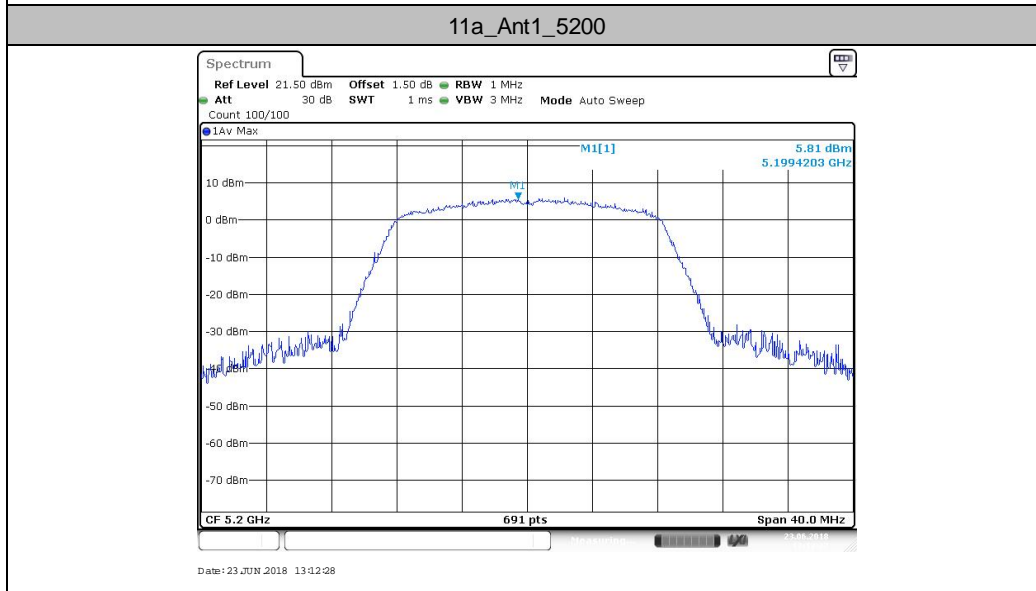
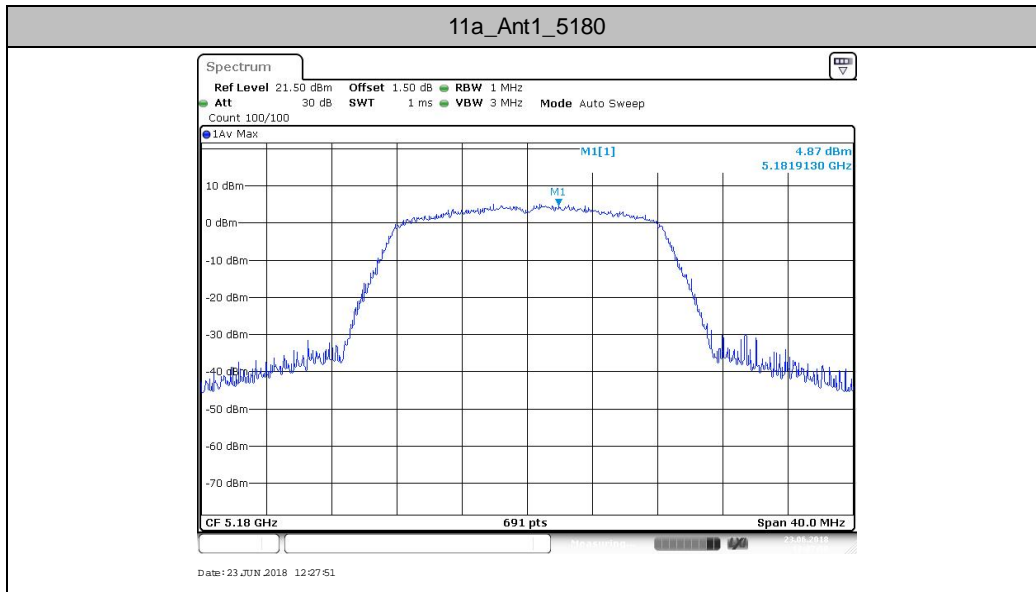


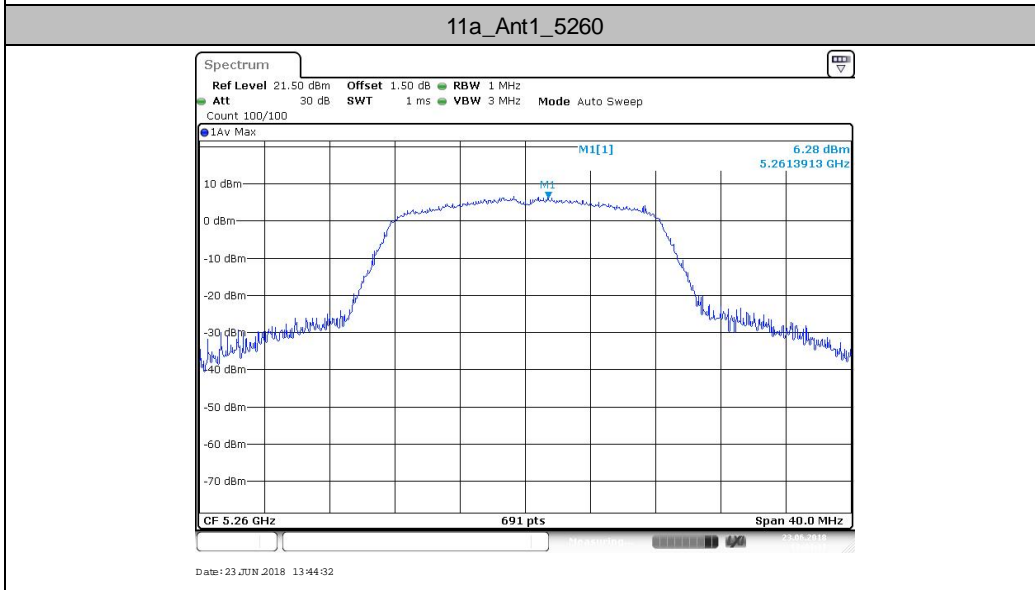
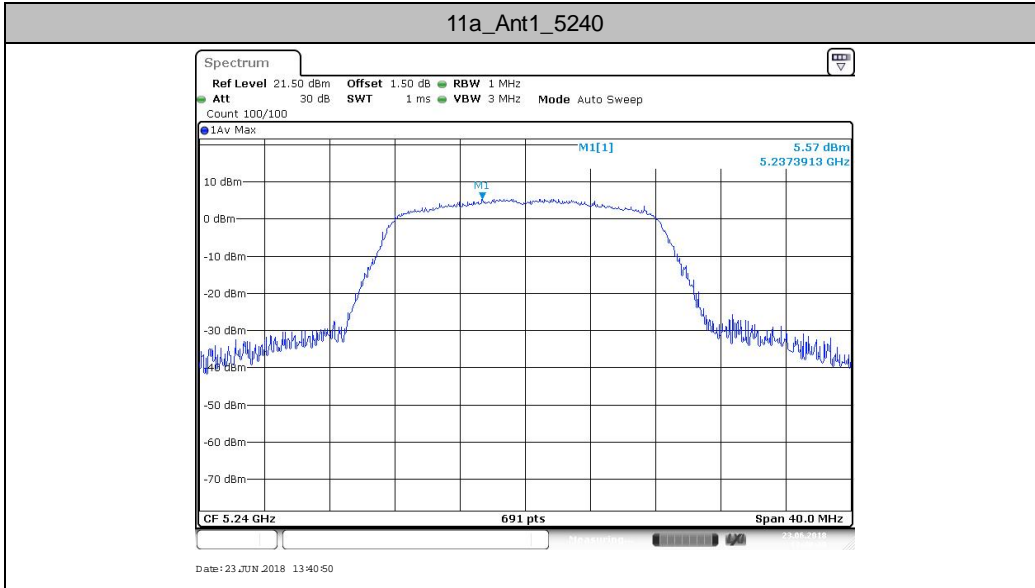
Appendix A5: Maximum power spectral density

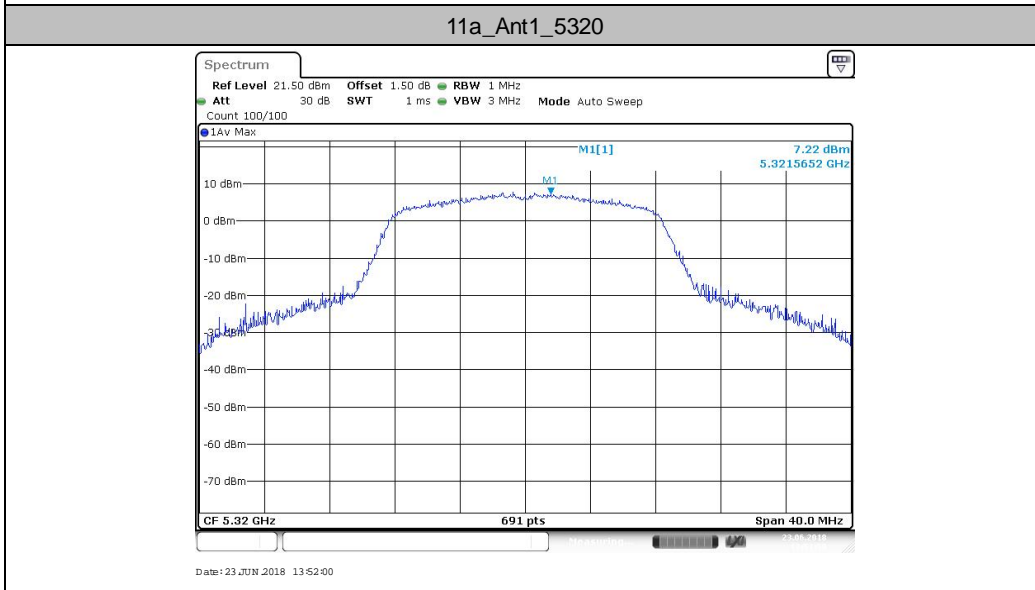
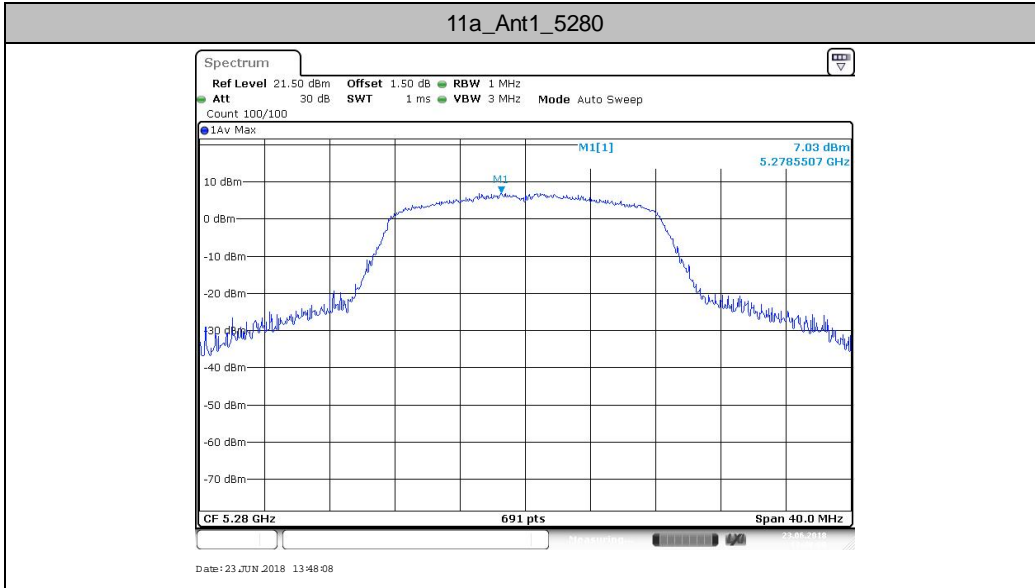
Test Result

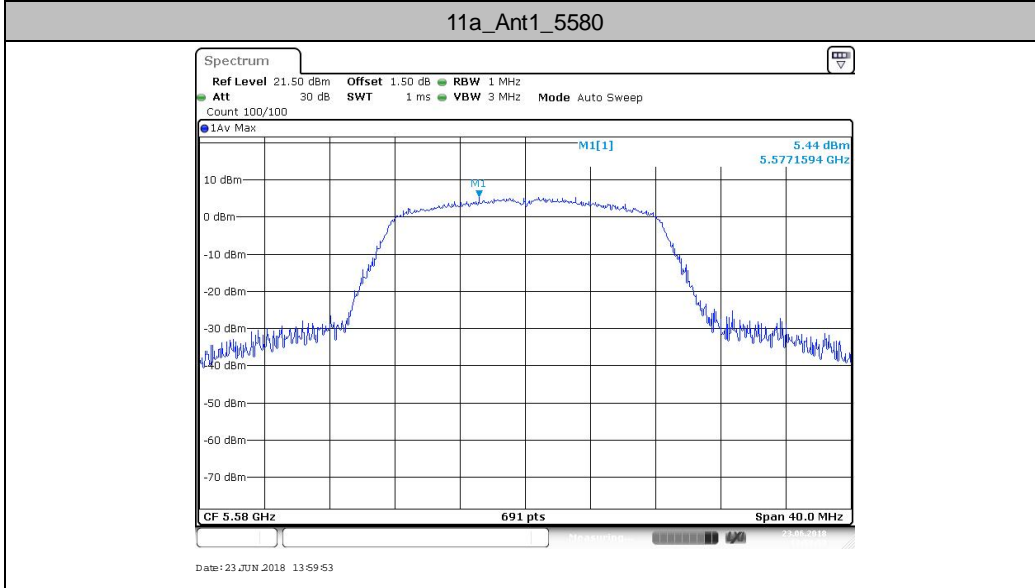
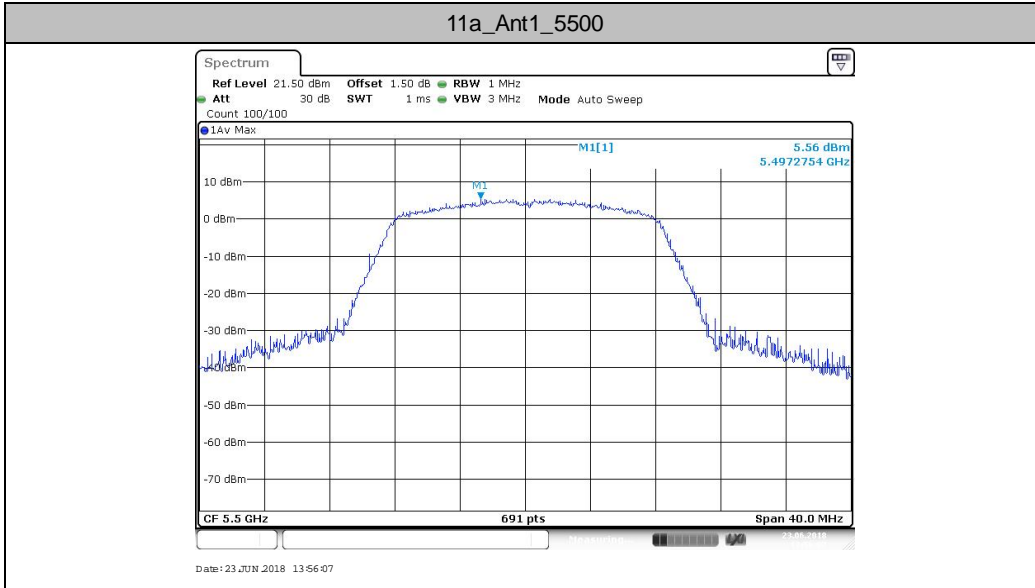
TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	5180	4.87	11	PASS
		5200	5.81	11	PASS
		5240	5.57	11	PASS
		5260	6.28	11	PASS
		5280	7.03	11	PASS
		5320	7.22	11	PASS
		5500	5.56	11	PASS
		5580	5.44	11	PASS
		5700	8.02	11	PASS
		5745	7.77	30	PASS
		5785	7.41	30	PASS
		5825	7.19	30	PASS

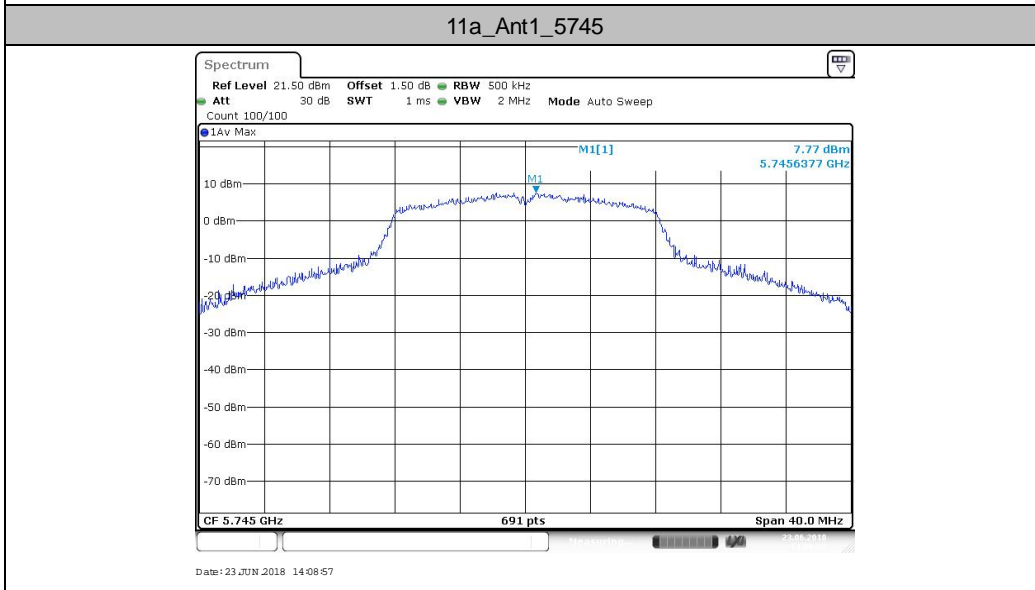
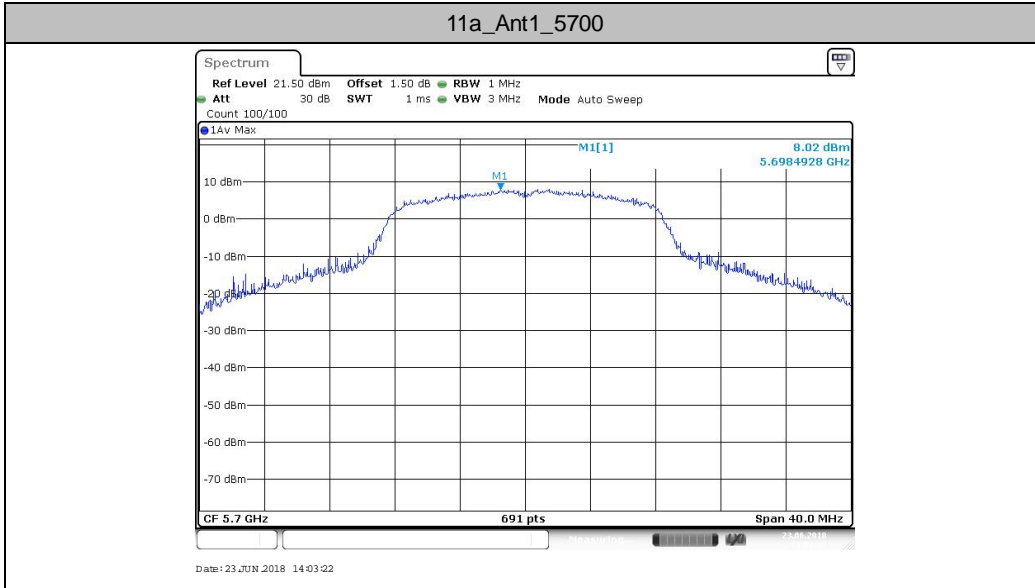
Test Graphs

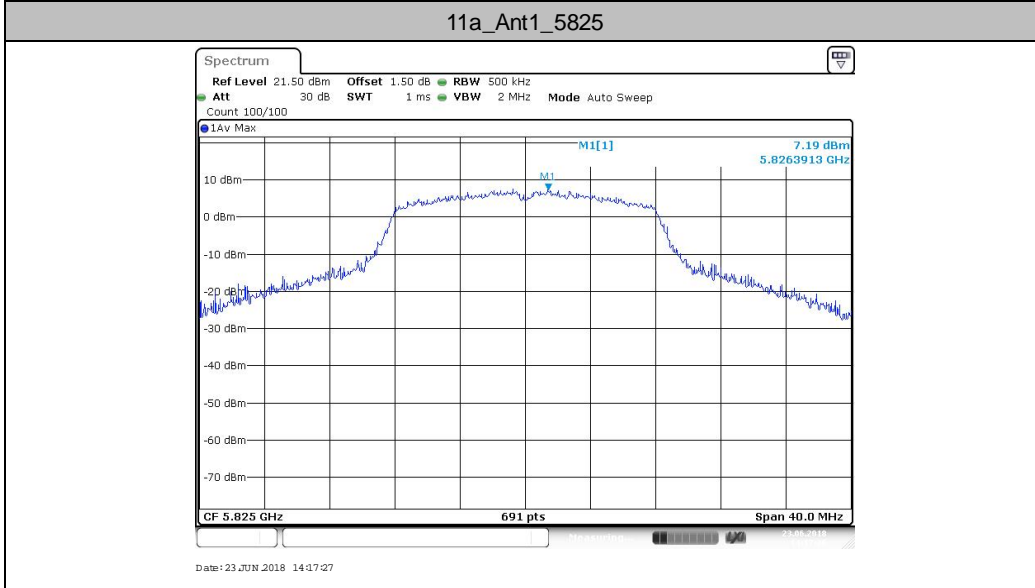
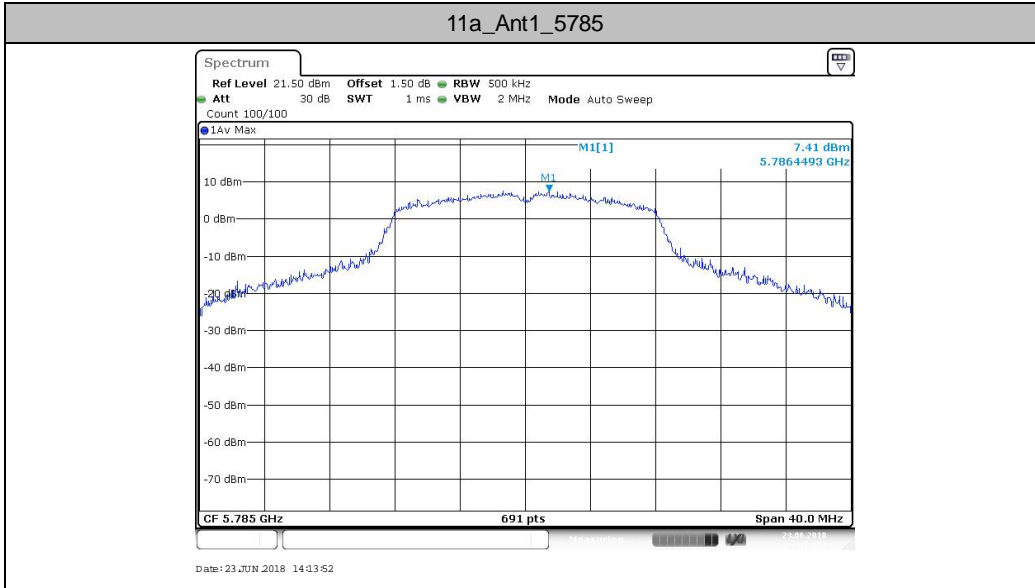












Appendix A6: Band edge measurements

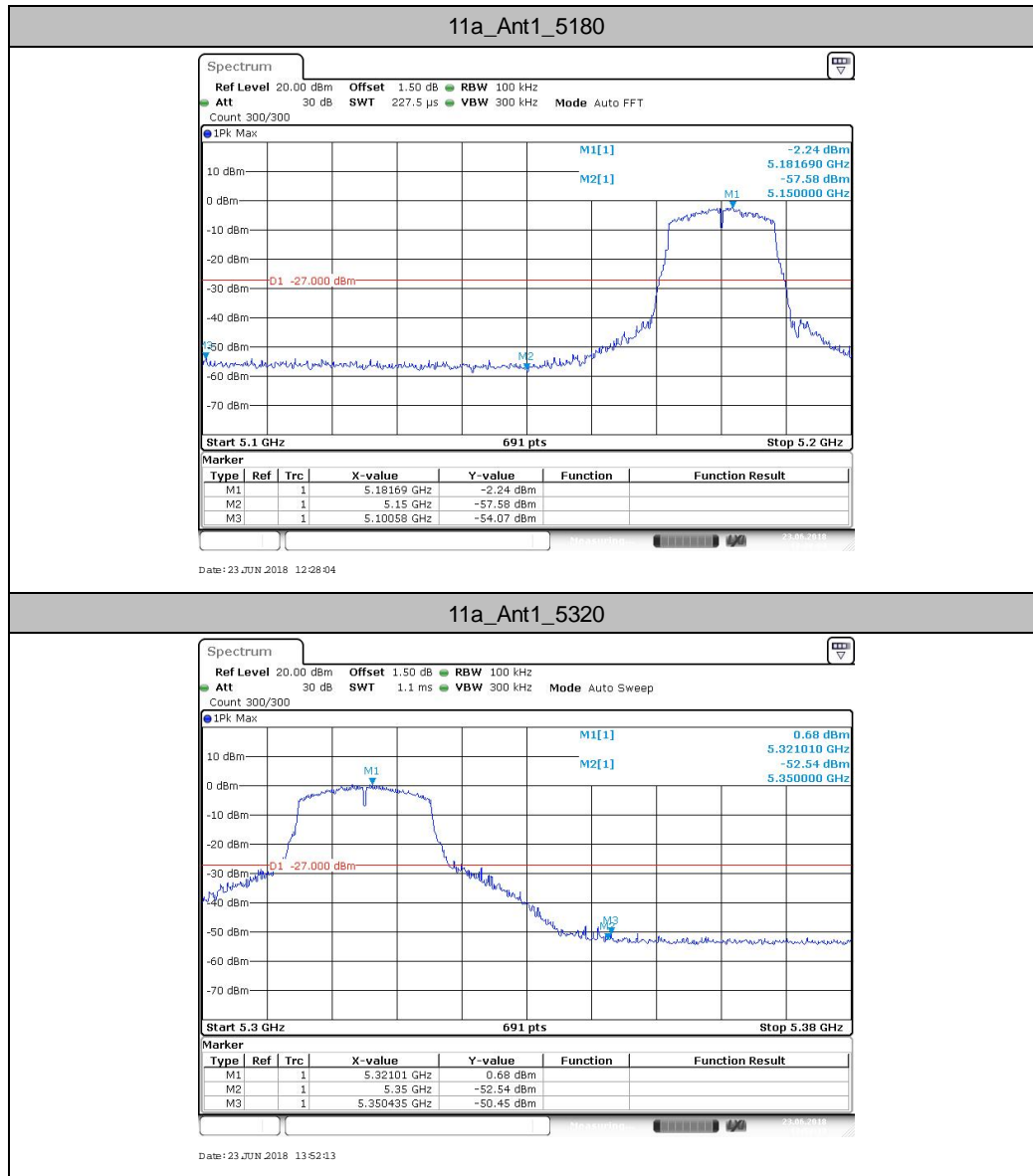
Test Result

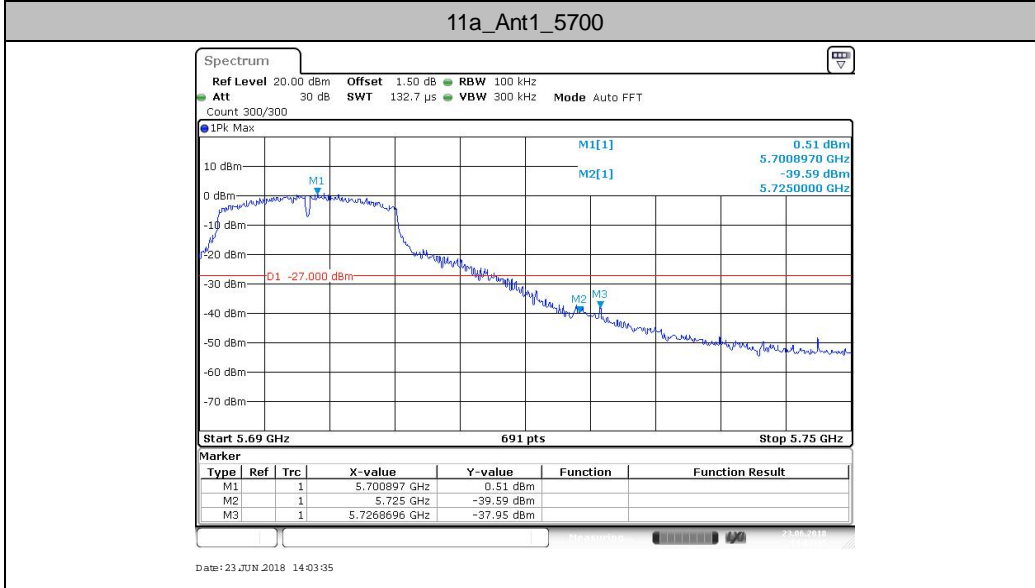
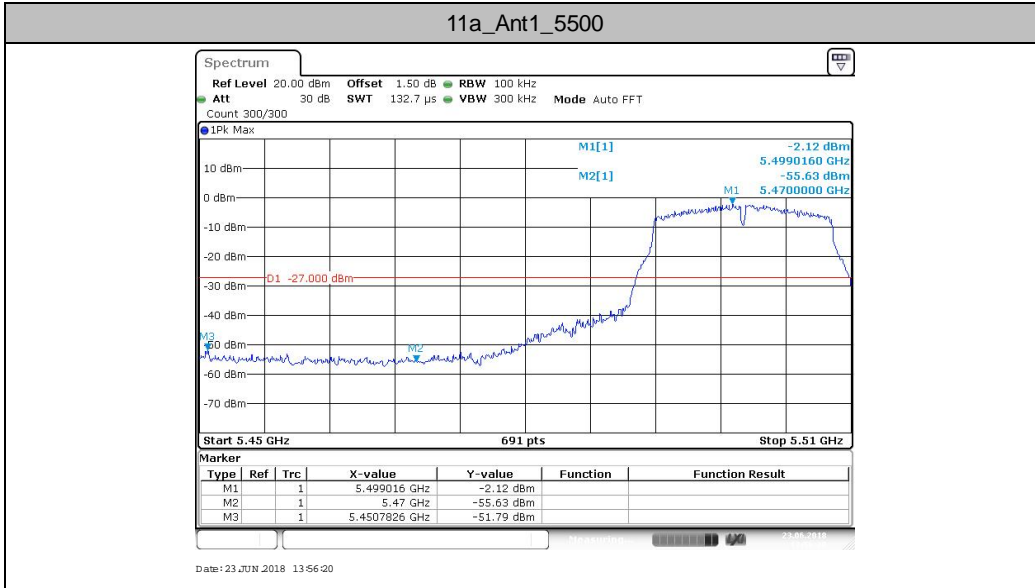
TestMode	Antenna	ChName	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	Low	5180	-54.07	-27	PASS
		High	5320	-50.45	-27	PASS
		Low	5500	-51.79	-27	PASS
		High	5700	-37.95	-27	PASS

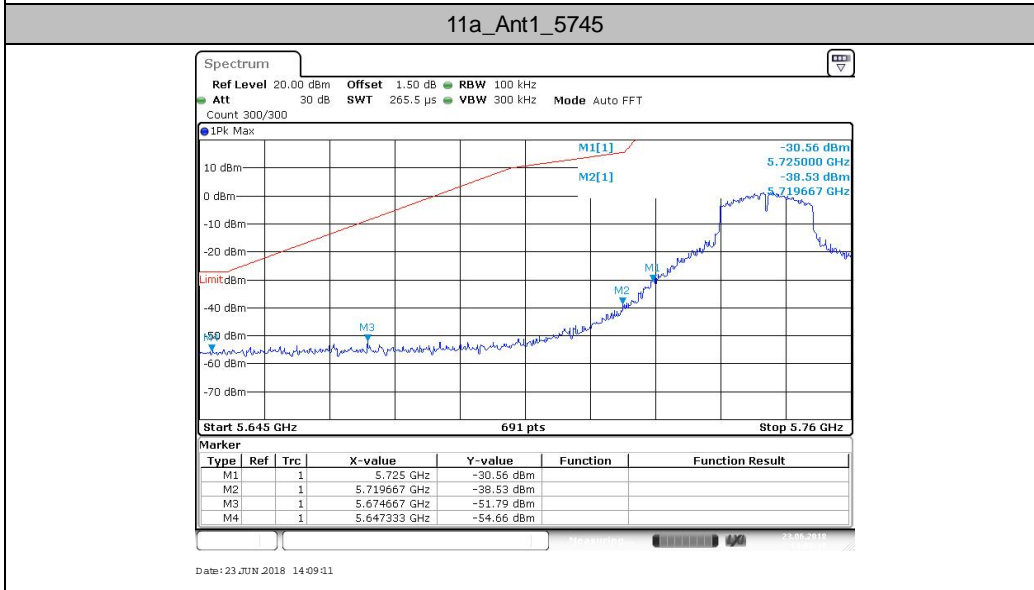
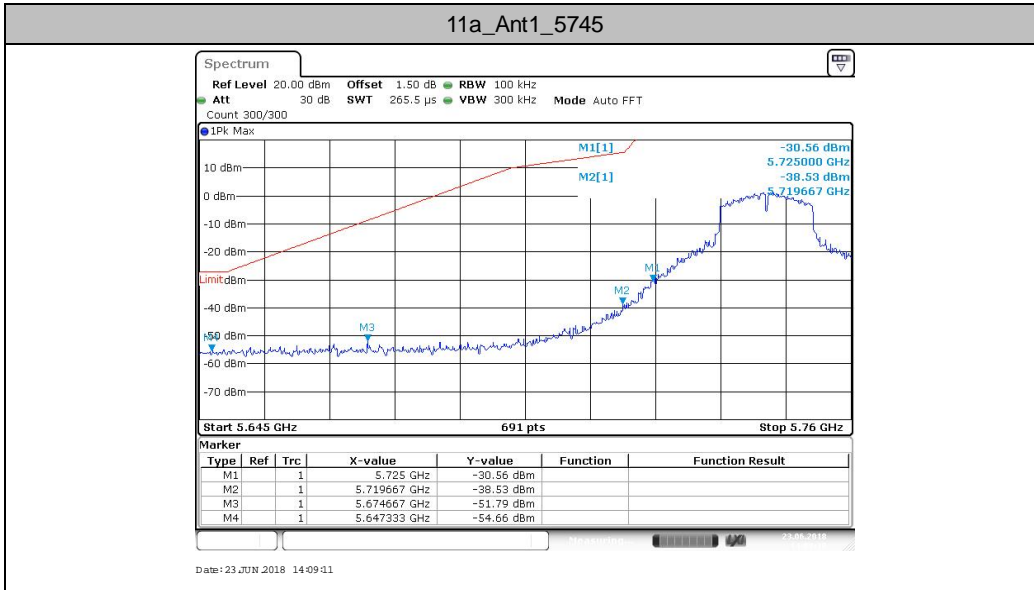
TestMode	Antenna	ChName	Channel (MHz)	FreqRange (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	Low	5745	5650~5700	-51.79	-8.75	PASS
		Low	5745	5700~5720	-38.53	15.51	PASS
		Low	5745	5720~5725	-30.56	27.00	PASS
		Low	5745	5760~5650	-54.66	-27	PASS
		High	5825	5850~5855	-44.05	15.80	PASS
		High	5825	5855~5875	-50.2	10.10	PASS
		High	5825	5875~5925	-52.44	-26.90	PASS
		High	5825	5925~5935	-52.93	-27	PASS

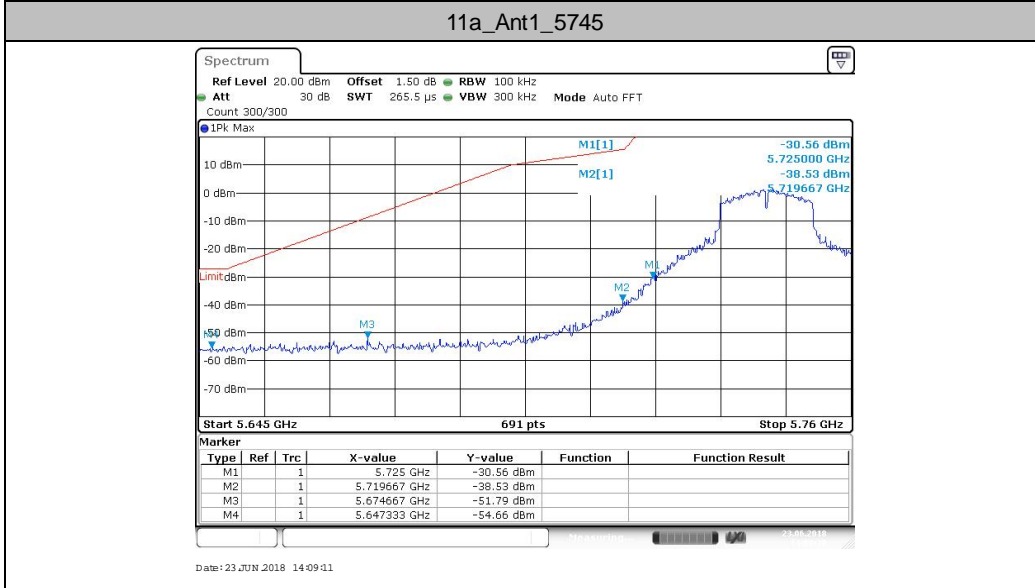
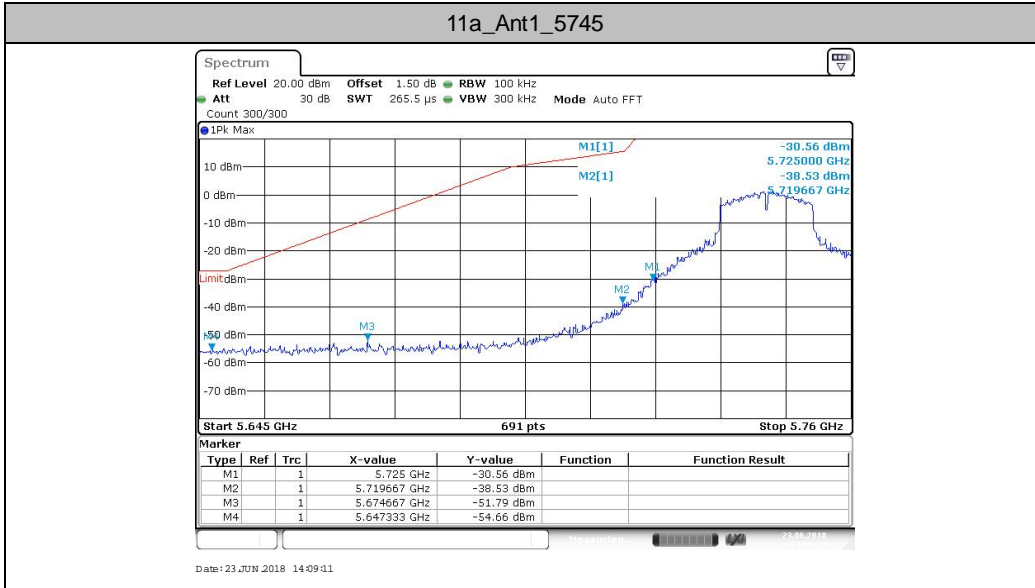


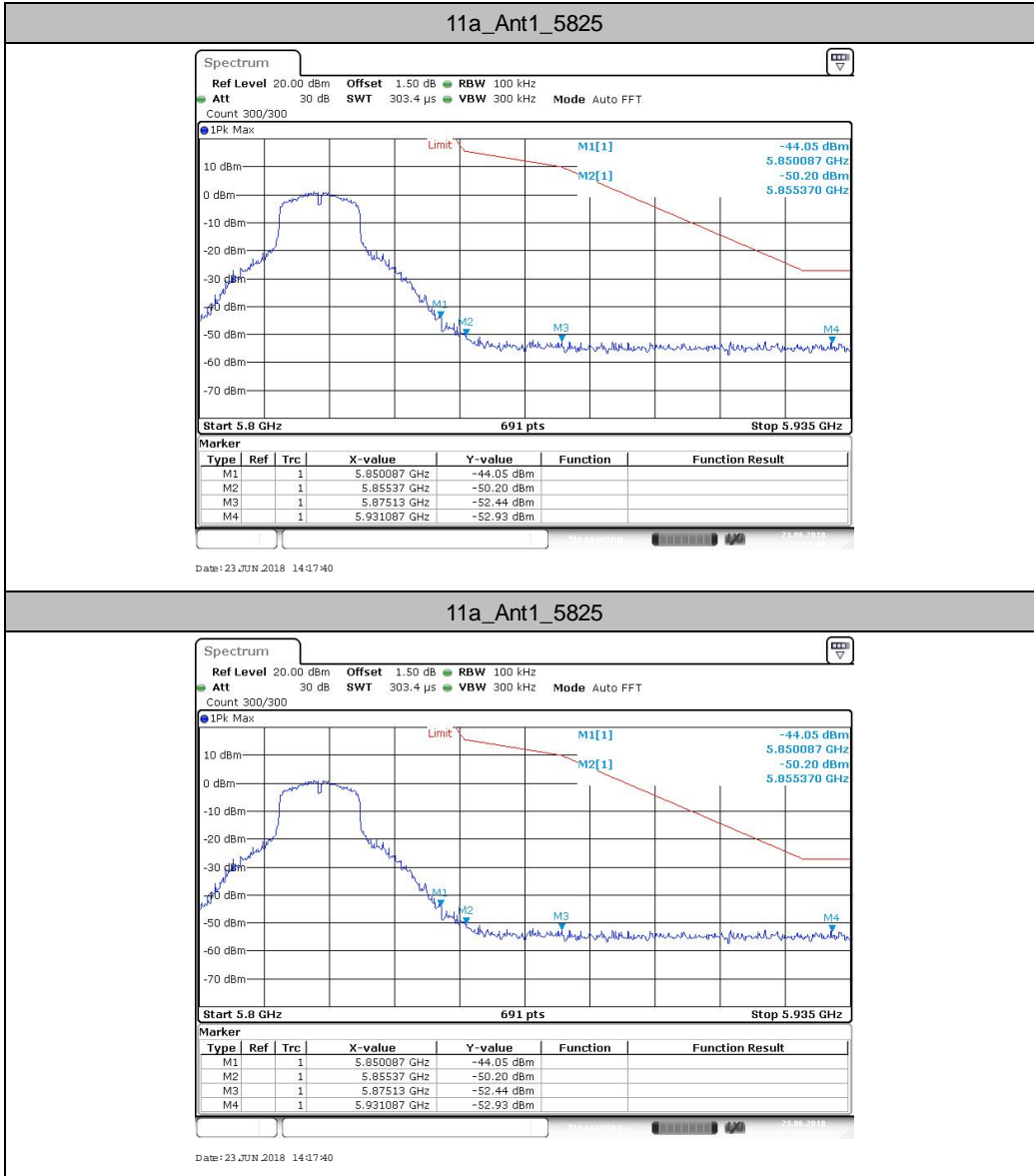
Test Graphs

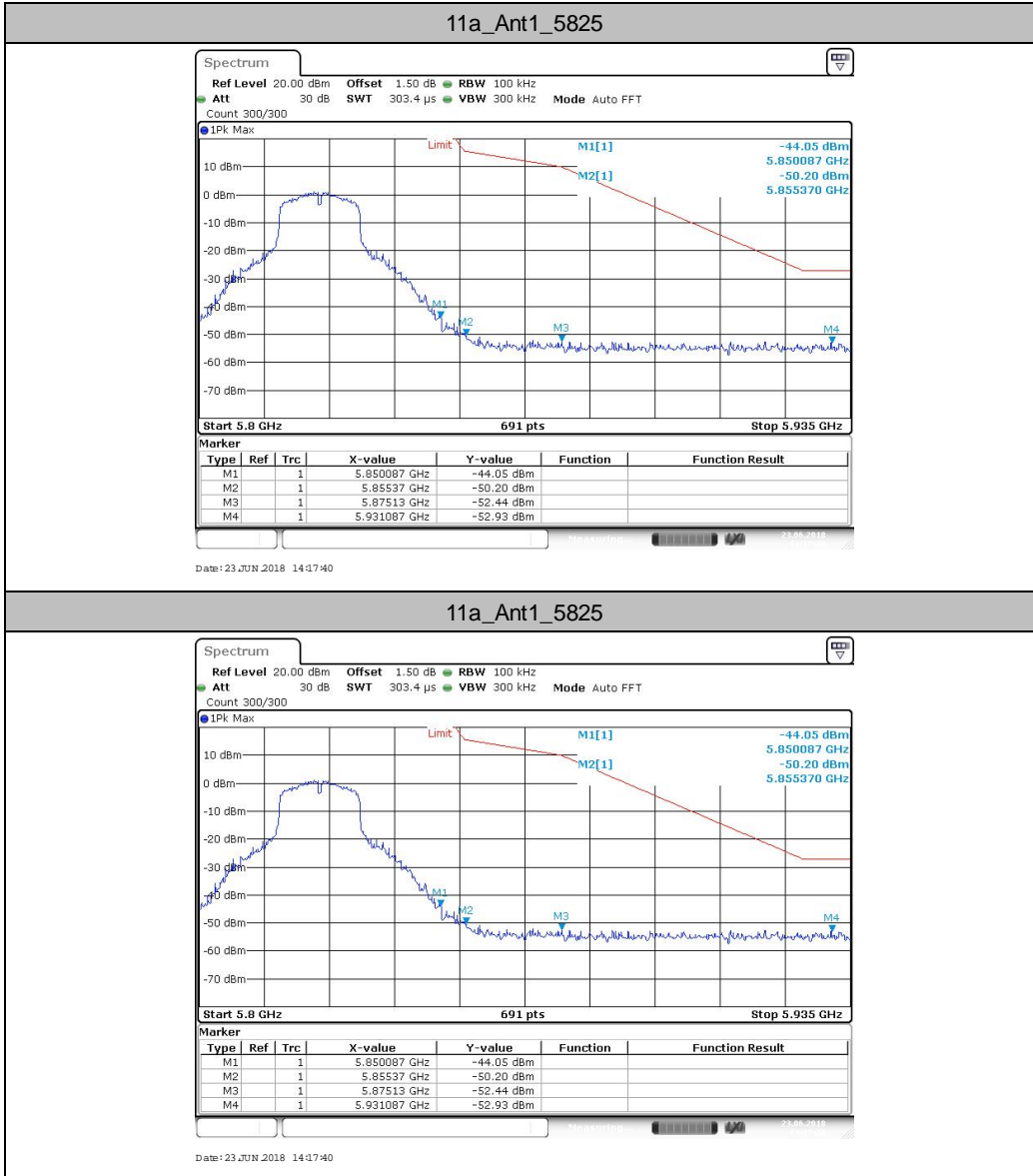














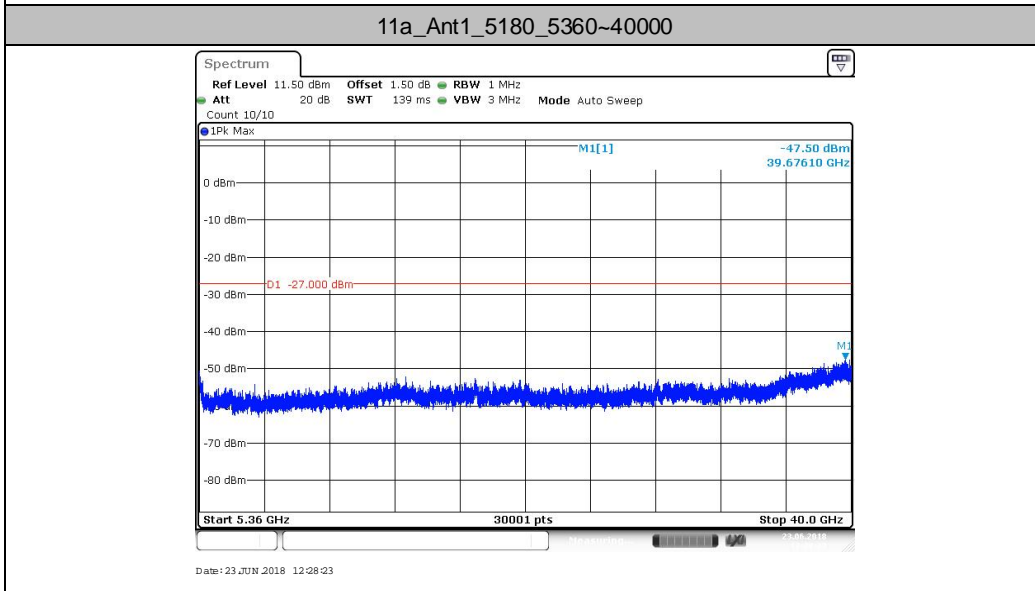
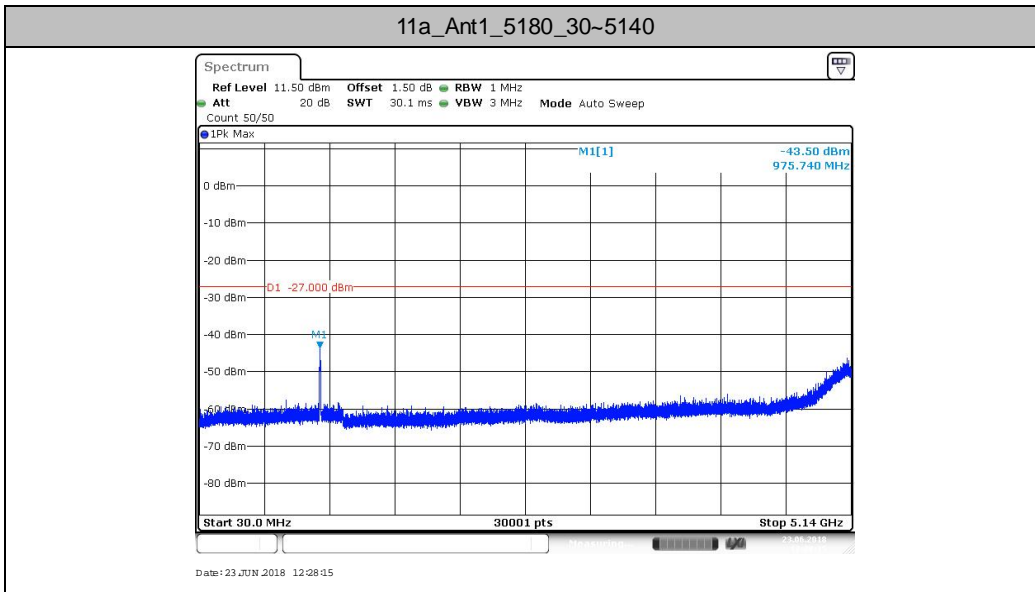
Appendix A7: Conducted Spurious Emission

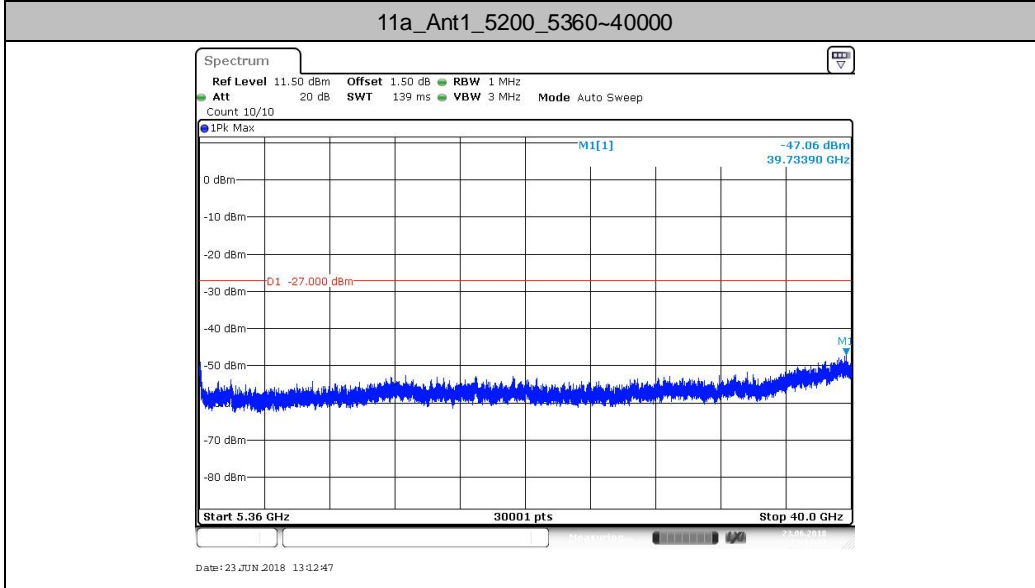
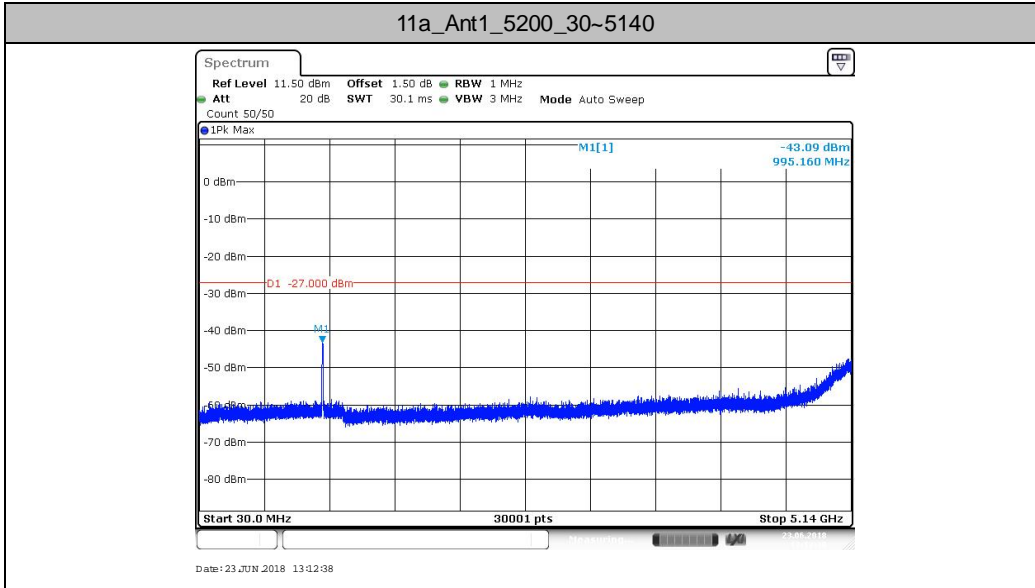
Test Result

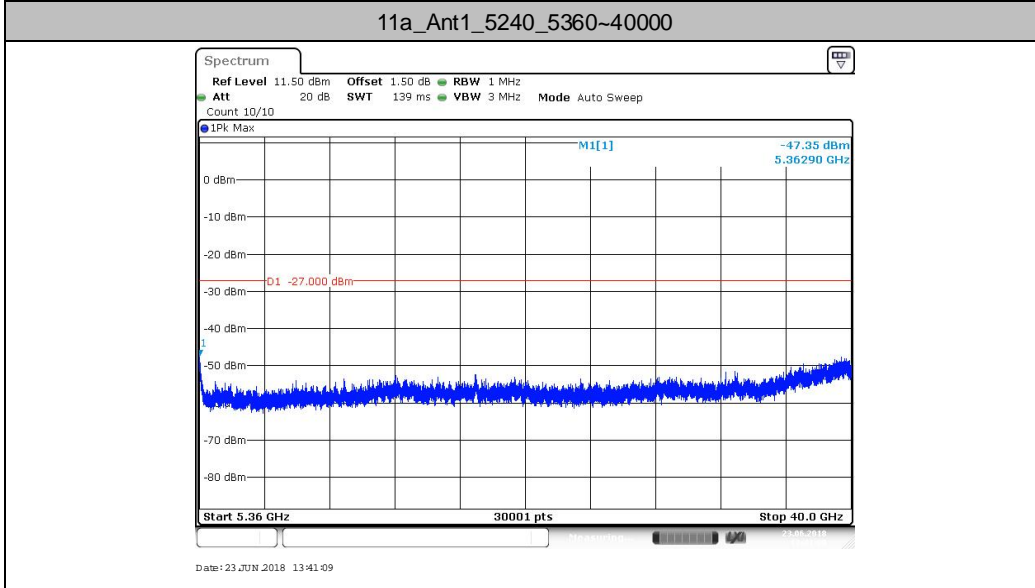
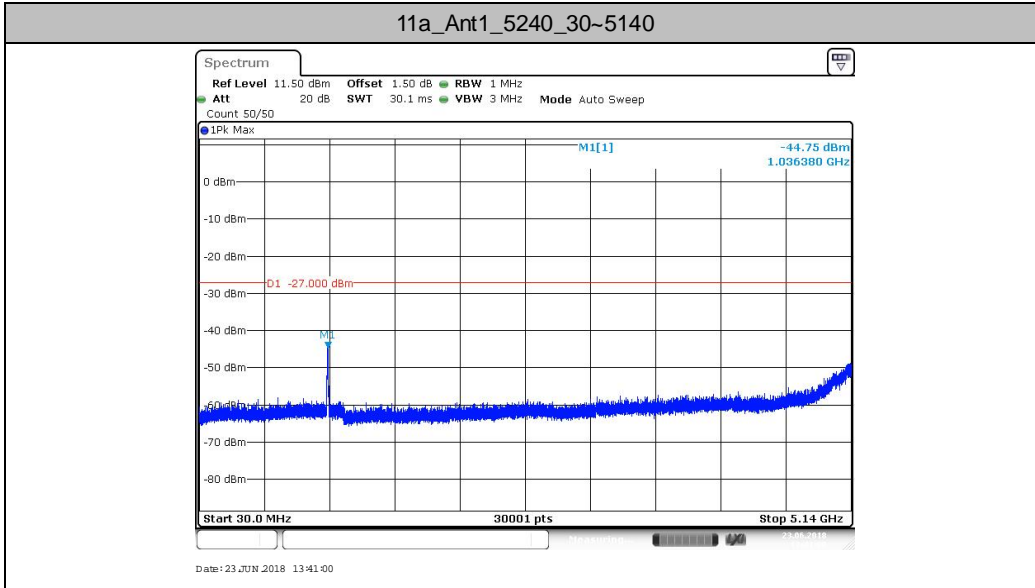
TestMode	Antenna	Channel (MHz)	FreqRange (MHz)	Max. Fre (MHz)	Max. Level (dBm)	Limit (dBm)	Verdict
11a	Ant1	5180	30~5140	975.74	-43.5	-27	PASS
		5180	5360~40000	39676.10	-47.5	-27	PASS
		5200	30~5140	995.16	-43.09	-27	PASS
		5200	5360~40000	39733.90	-47.06	-27	PASS
		5240	30~5140	1036.38	-44.75	-27	PASS
		5240	5360~40000	5362.90	-47.35	-27	PASS
		5260	30~5140	1053.24	-42.67	-27	PASS
		5260	5360~40000	5364.00	-47.13	-27	PASS
		5280	30~5140	1073.51	-42.54	-27	PASS
		5280	5360~40000	5366.40	-47.02	-27	PASS
		5320	30~5140	1115.58	-44.25	-27	PASS
		5320	5360~40000	5387.10	-46.84	-27	PASS
		5500	30~5460	5410.50	-46.01	-27	PASS
		5500	5735~40000	39171.40	-47.68	-27	PASS
		5580	30~5460	5454.12	-48	-27	PASS
		5580	5735~40000	39699.00	-47.34	-27	PASS
		5700	30~5460	1497.95	-51.81	-27	PASS
		5700	5735~40000	5737.90	-36.85	-27	PASS
		5745	30~5650	5625.93	-47.72	-27	PASS
		5745	5925~40000	17232.40	-36.67	-27	PASS
5785	30~5650	5641.85	-48.39	-27	PASS		
5785	5925~40000	17352.80	-35.41	-27	PASS		
5825	30~5650	5644.47	-50.03	-27	PASS		
5825	5925~40000	17470.90	-37.28	-27	PASS		

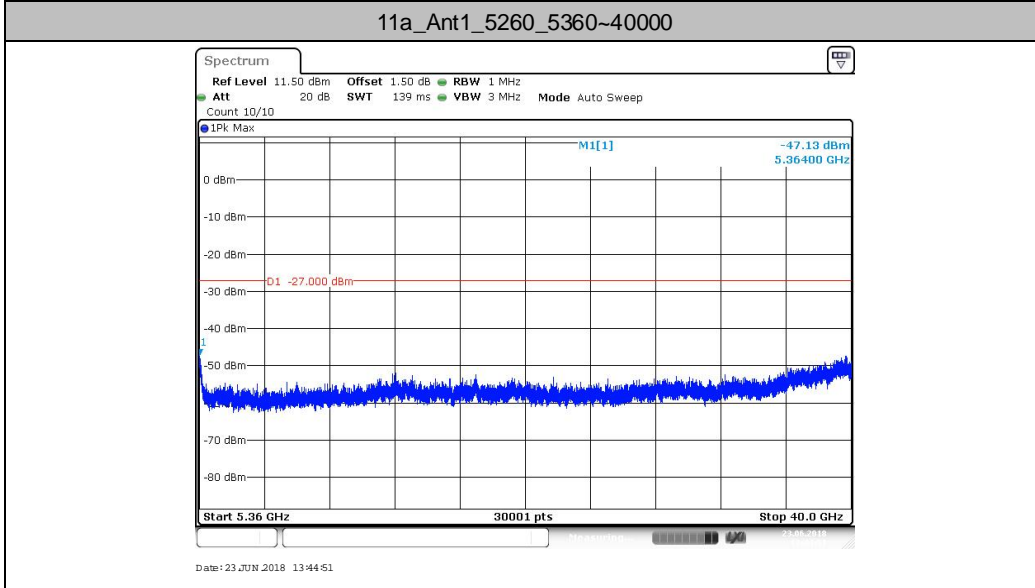
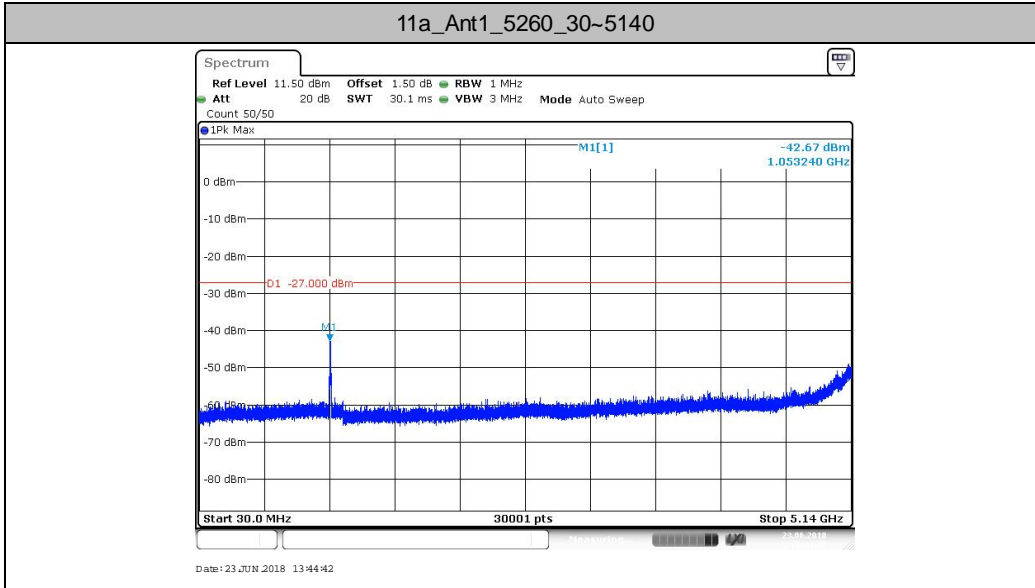


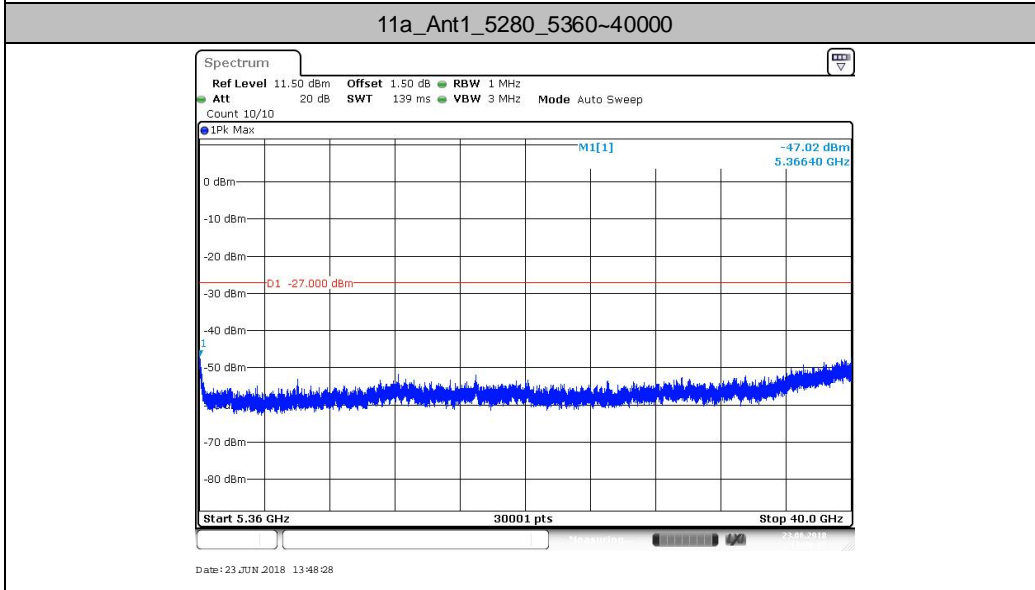
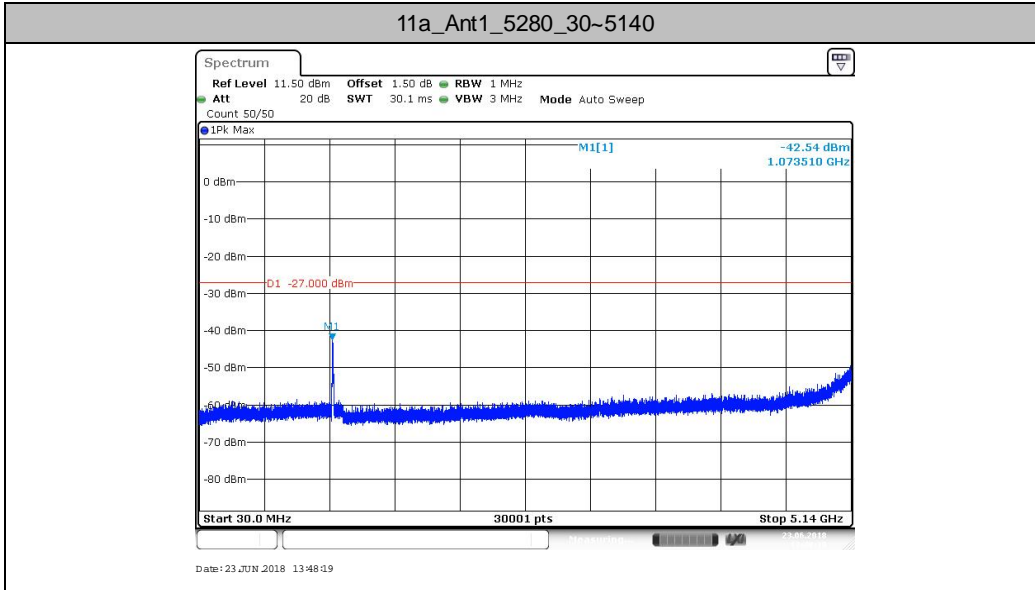
Test Graphs

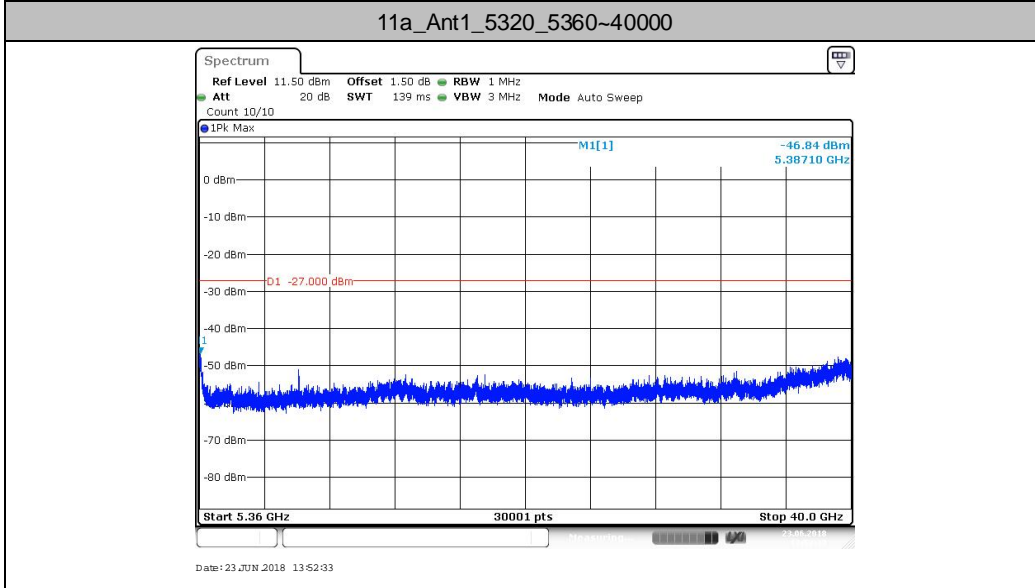
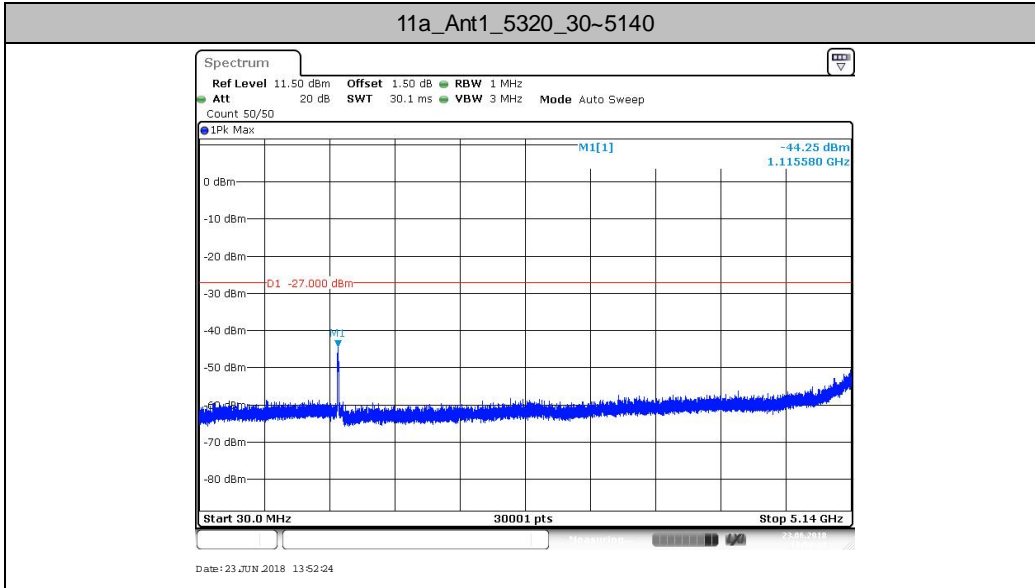


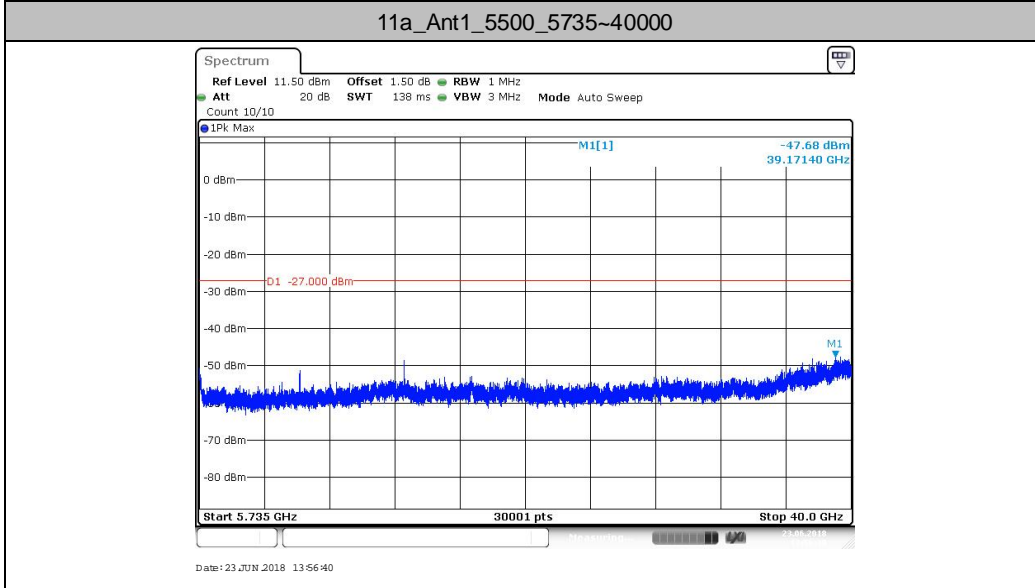
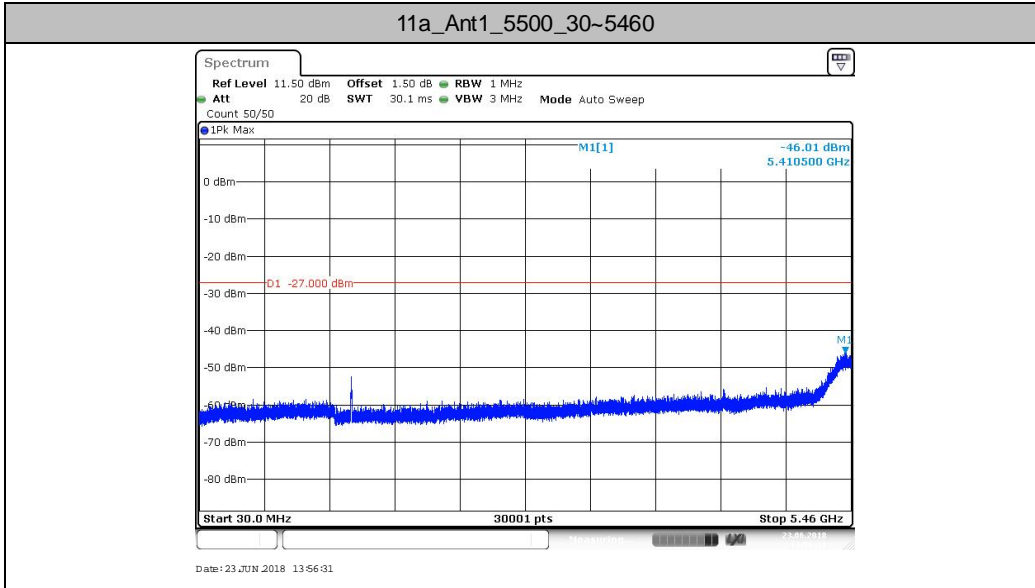


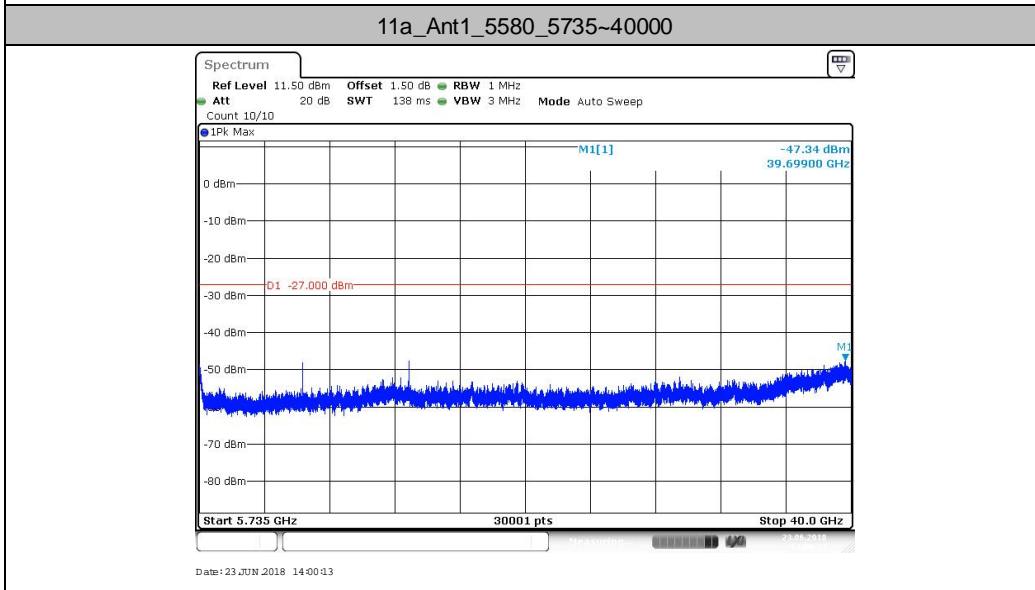
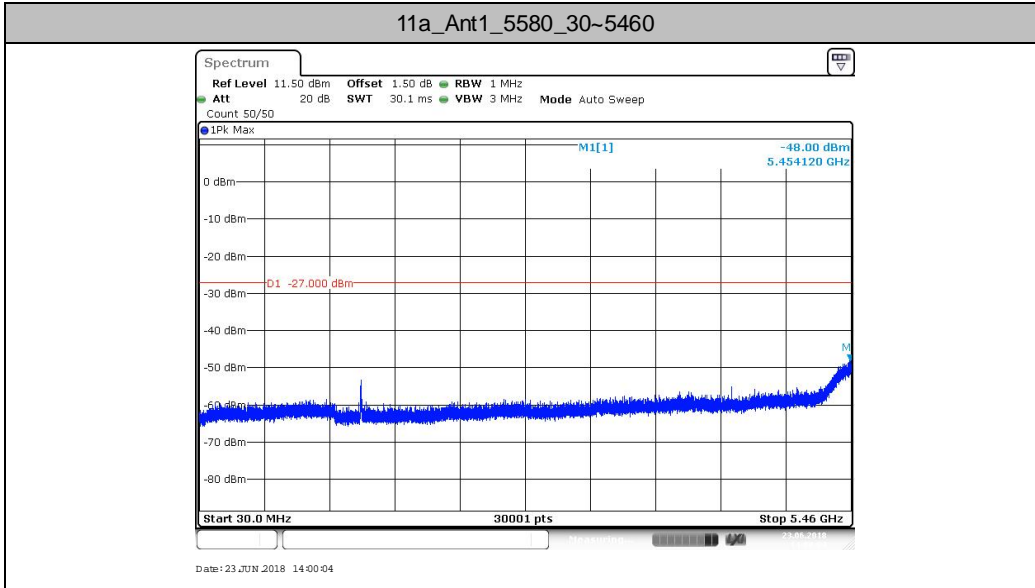


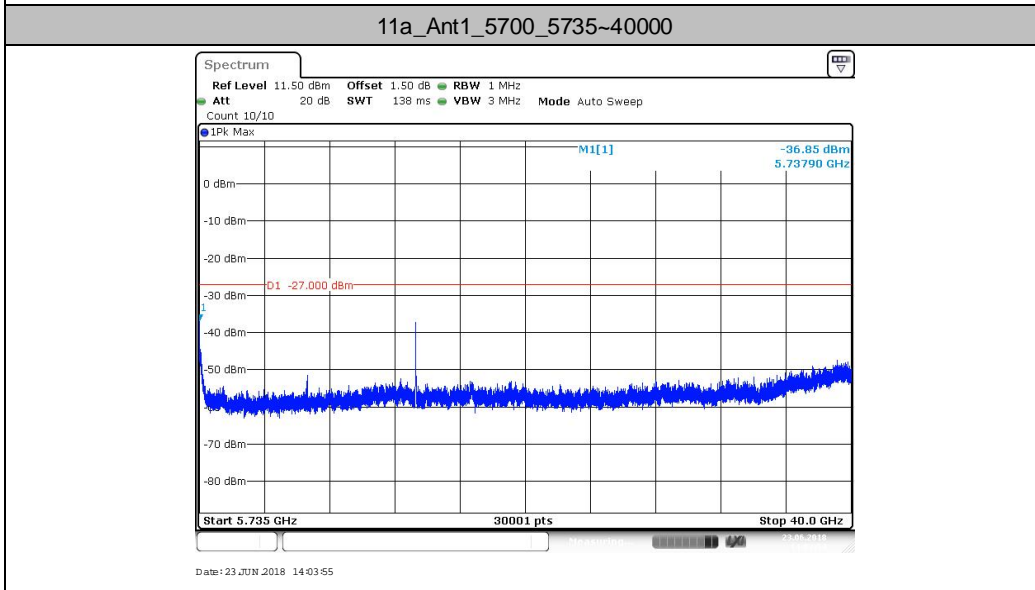
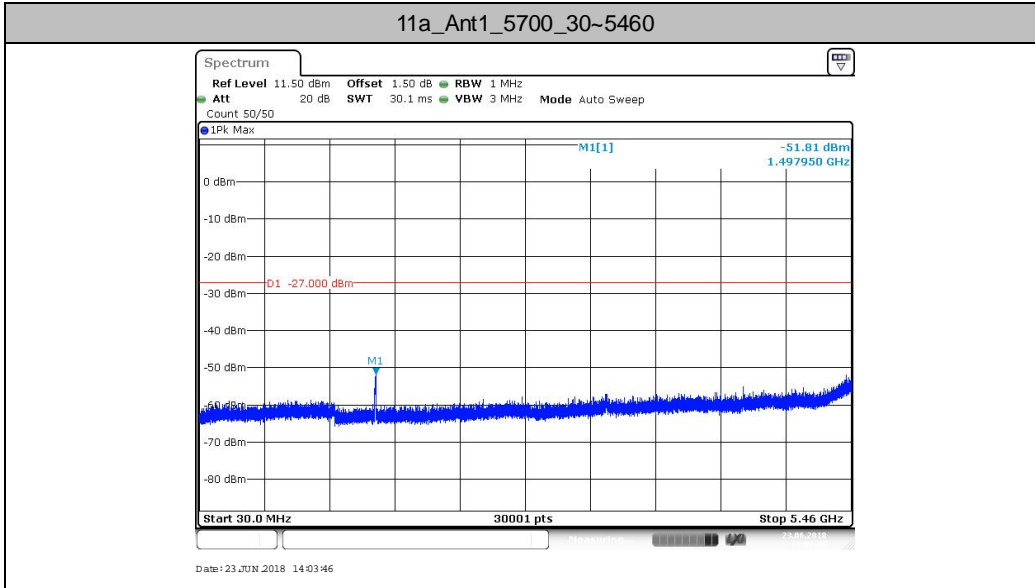


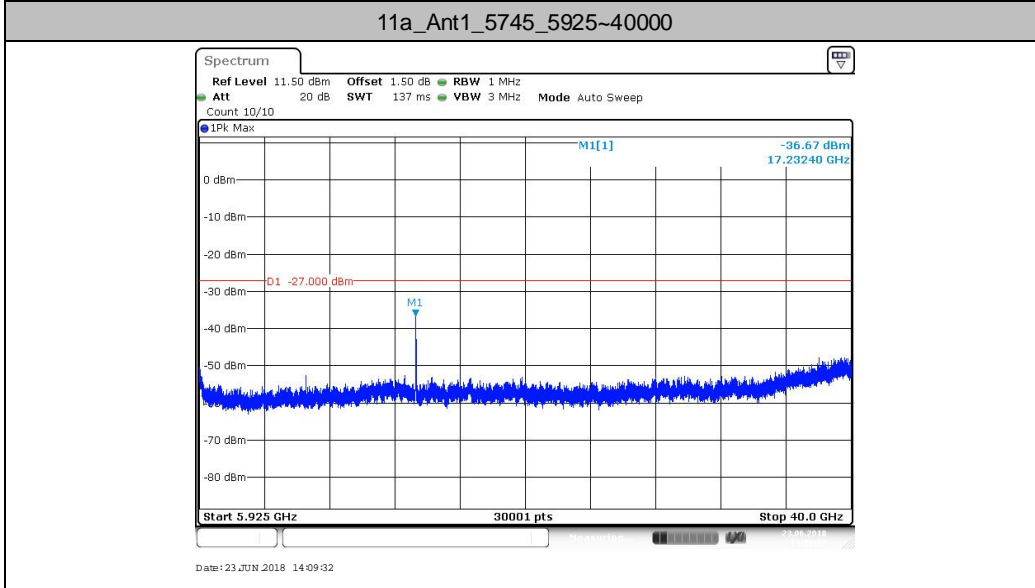
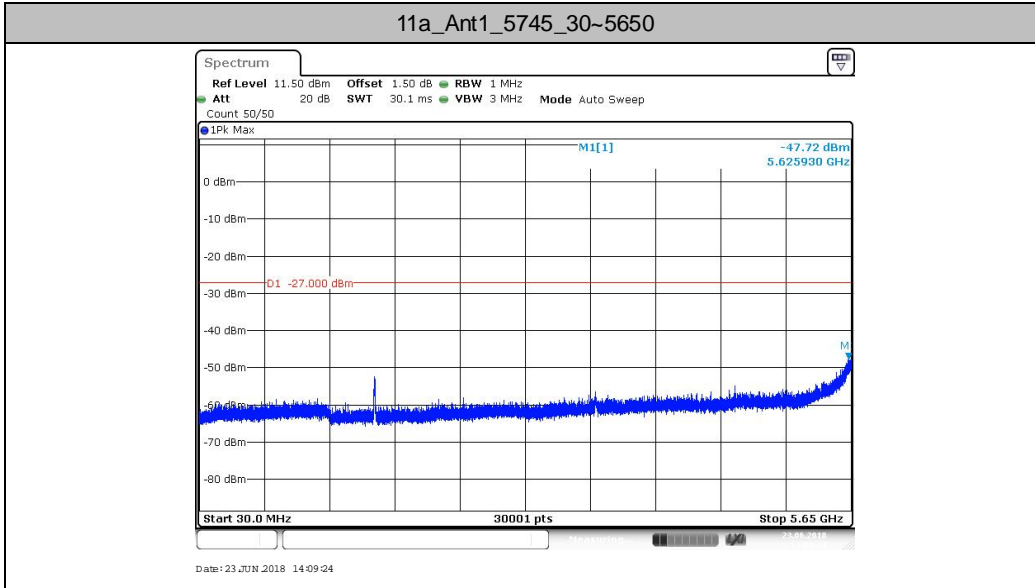


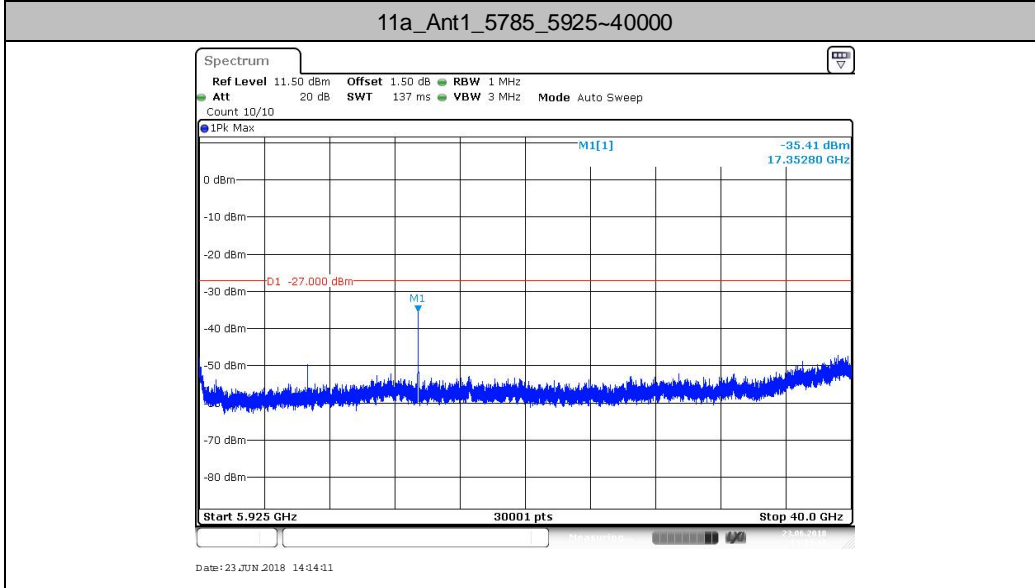
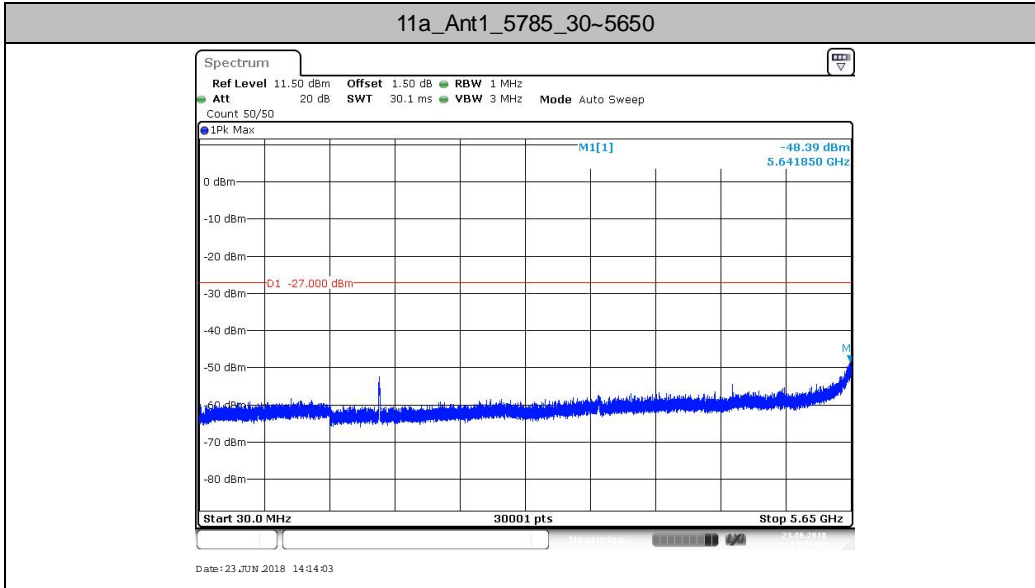


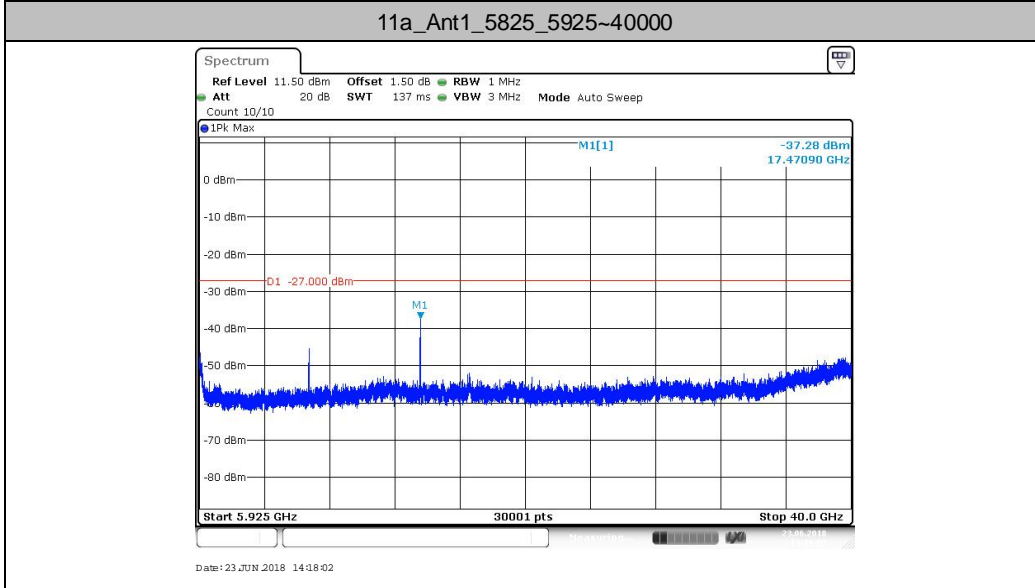
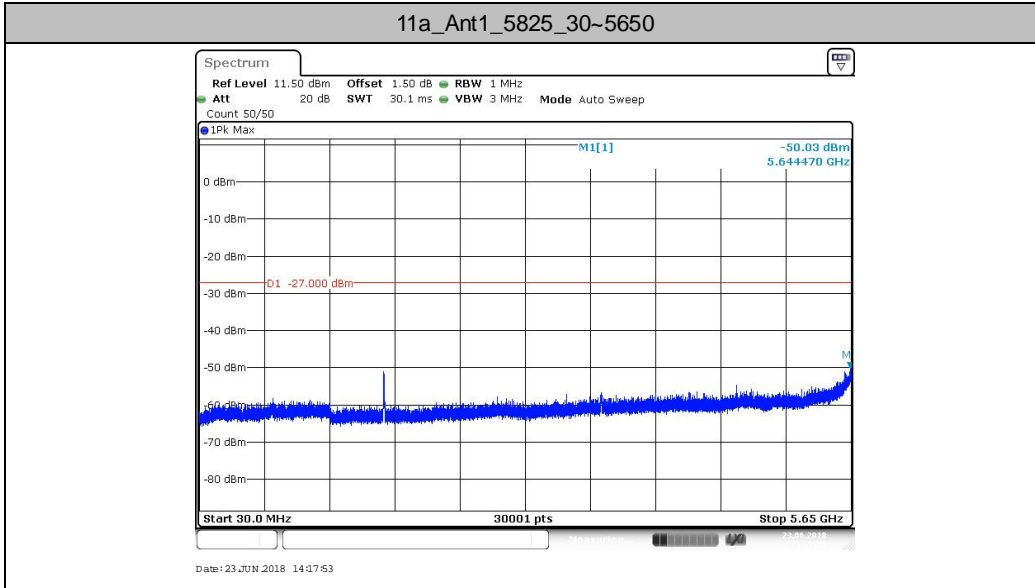














Appendix A8: Frequency Stability

Test Result

TestMod e	Antenn a	Voltage						
		Channe l (MHz)	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11a	Ant1	5180	NV	NT	0	0	20	PASS
		5180	LV	NT	15000	2.895753	20	PASS
		5180	HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
		5200	LV	NT	0	0	20	PASS
		5200	HV	NT	0	0	20	PASS
		5240	NV	NT	0	0	20	PASS
		5240	LV	NT	15000	2.862595	20	PASS
		5240	HV	NT	0	0	20	PASS
		5260	NV	NT	0	0	20	PASS
		5260	LV	NT	0	0	20	PASS
		5260	HV	NT	15000	2.851711	20	PASS
		5280	NV	NT	0	0	20	PASS
		5280	LV	NT	15000	2.840909	20	PASS
		5280	HV	NT	15000	2.840909	20	PASS
		5320	NV	NT	0	0	20	PASS
		5320	LV	NT	0	0	20	PASS
		5320	HV	NT	-15000	-2.819549	20	PASS
		5500	NV	NT	15000	2.727273	20	PASS
		5500	LV	NT	15000	2.727273	20	PASS
		5500	HV	NT	15000	2.727273	20	PASS
		5580	NV	NT	0	0	20	PASS
		5580	LV	NT	0	0	20	PASS
		5580	HV	NT	-15000	-2.688172	20	PASS
		5700	NV	NT	0	0	20	PASS
		5700	LV	NT	15000	2.631579	20	PASS
		5700	HV	NT	-15000	-2.631579	20	PASS
		5745	NV	NT	0	0	20	PASS
		5745	LV	NT	0	0	20	PASS
		5745	HV	NT	0	0	20	PASS
5785	NV	NT	0	0	20	PASS		
5785	LV	NT	0	0	20	PASS		
5785	HV	NT	15000	2.592913	20	PASS		
5825	NV	NT	0	0	20	PASS		
5825	LV	NT	0	0	20	PASS		
5825	HV	NT	0	0	20	PASS		



Temperature								
TestMod e	Antenn a	Channe l (MHz)	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11a	Ant1	5180	NV	-5	0	0	20	PASS
		5180	NV	50	0	0	20	PASS
		5200	NV	-5	-15000	-2.884615	20	PASS
		5200	NV	50	0	0	20	PASS
		5240	NV	-5	0	0	20	PASS
		5240	NV	50	-15000	-2.862595	20	PASS
		5260	NV	-5	0	0	20	PASS
		5260	NV	50	0	0	20	PASS
		5280	NV	-5	0	0	20	PASS
		5280	NV	50	0	0	20	PASS
		5320	NV	-5	0	0	20	PASS
		5320	NV	50	15000	2.819549	20	PASS
		5500	NV	-5	0	0	20	PASS
		5500	NV	50	0	0	20	PASS
		5580	NV	-5	15000	2.688172	20	PASS
		5580	NV	50	-15000	-2.688172	20	PASS
		5700	NV	-5	0	0	20	PASS
		5700	NV	50	0	0	20	PASS
		5745	NV	-5	0	0	20	PASS
		5745	NV	50	0	0	20	PASS
5785	NV	-5	-15000	-2.592913	20	PASS		
5785	NV	50	15000	2.592913	20	PASS		
5825	NV	-5	0	0	20	PASS		
5825	NV	50	0	0	20	PASS		



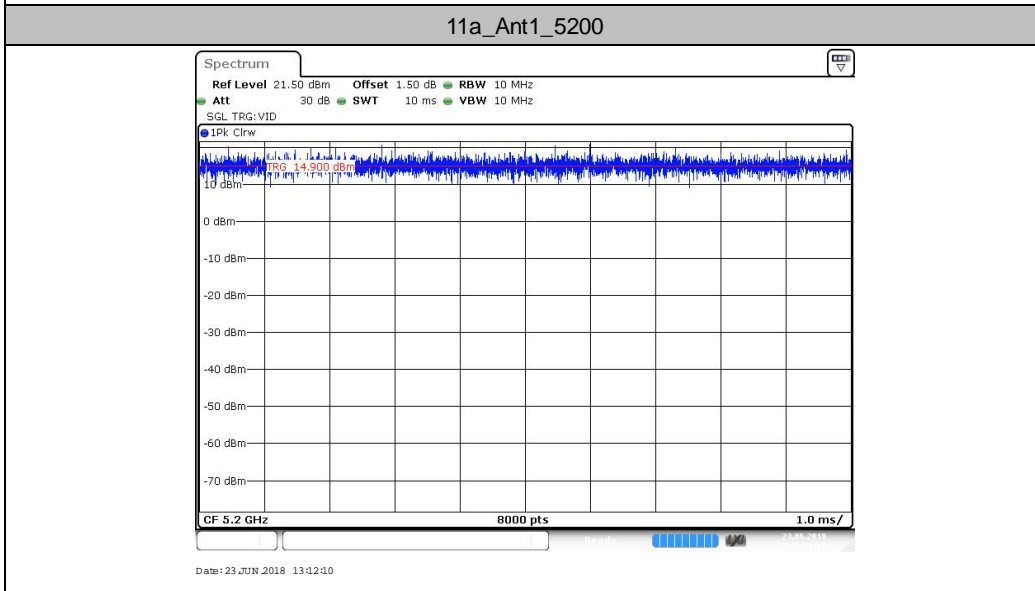
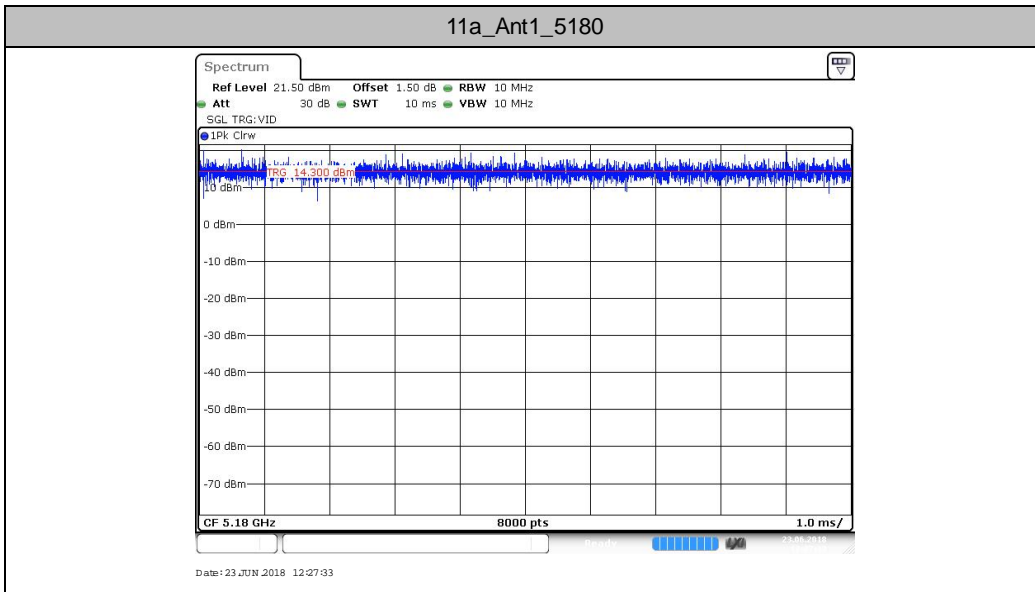
Appendix A9: Duty Cycle

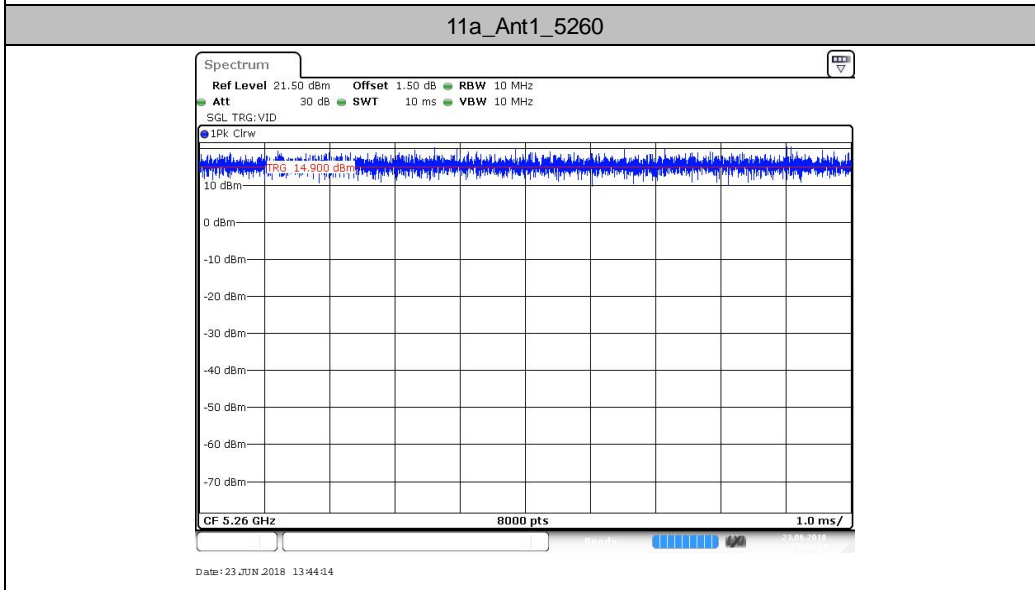
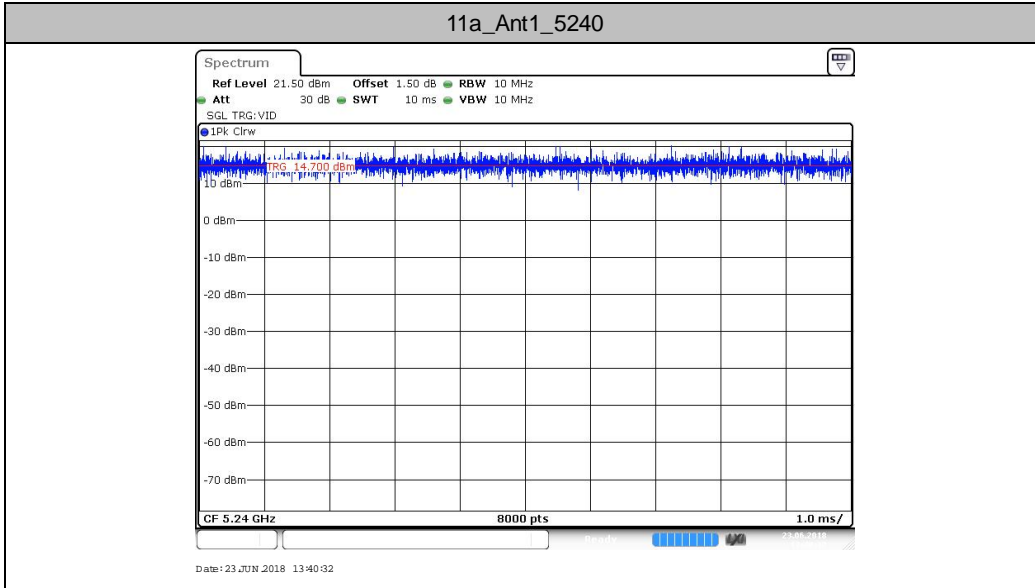
Test Result

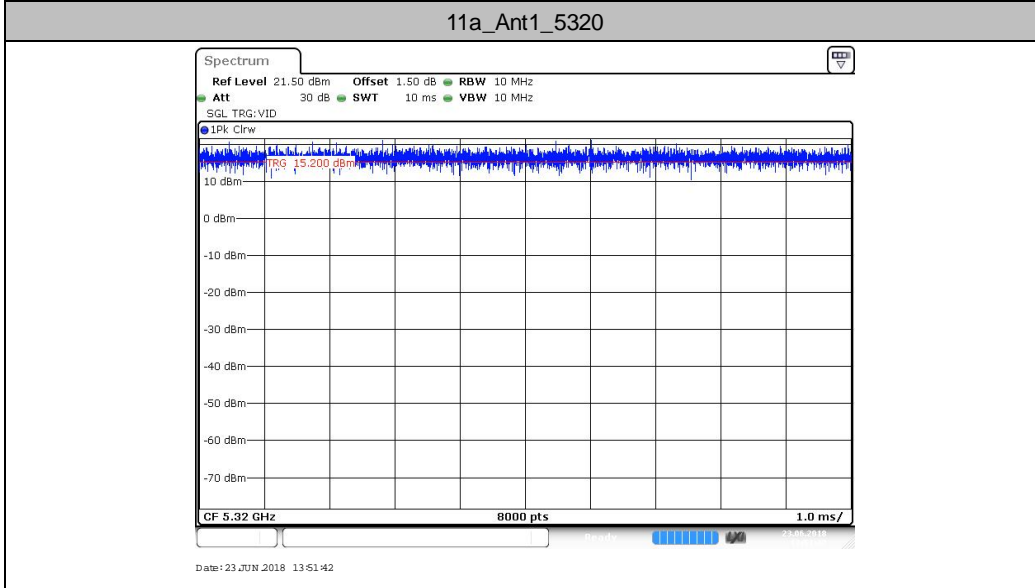
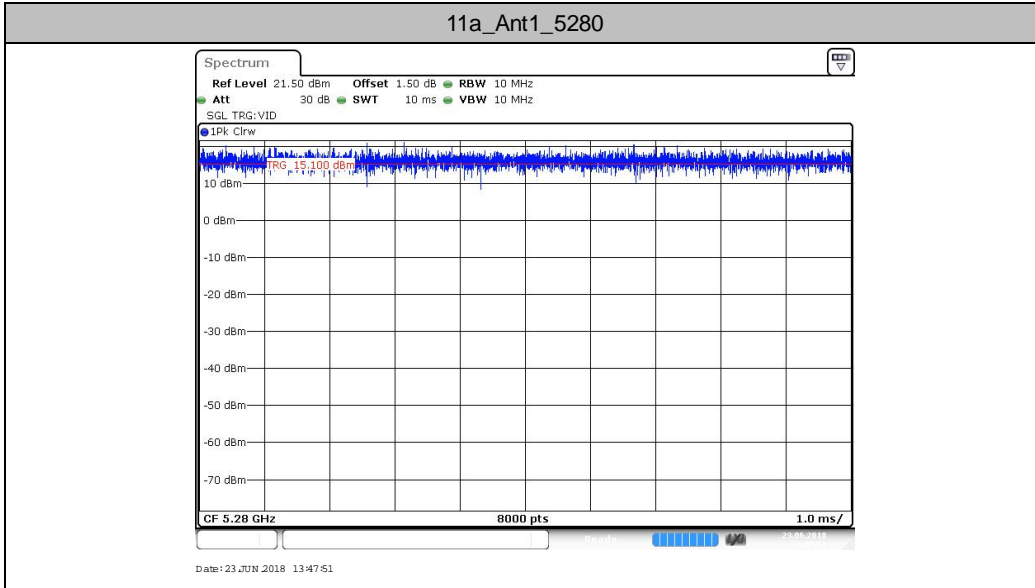
TestMode	Antenna	Channel (MHz)	Duty Cycle [%]
11a	Ant1	5180	100
		5200	100
		5240	100
		5260	100
		5280	100
		5320	100
		5500	100
		5580	100
		5700	100
		5745	100
		5785	100
		5825	100

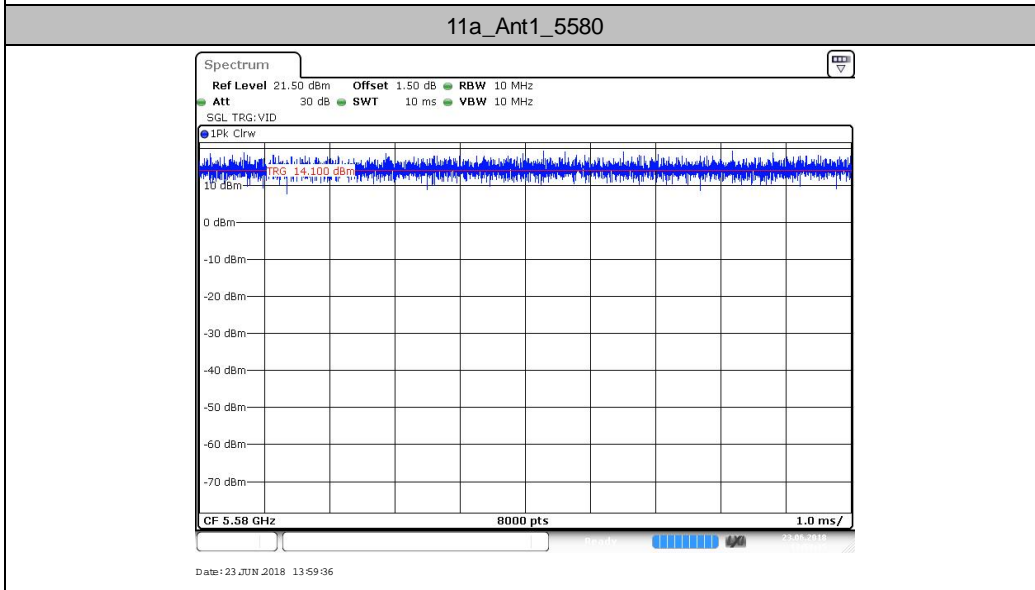
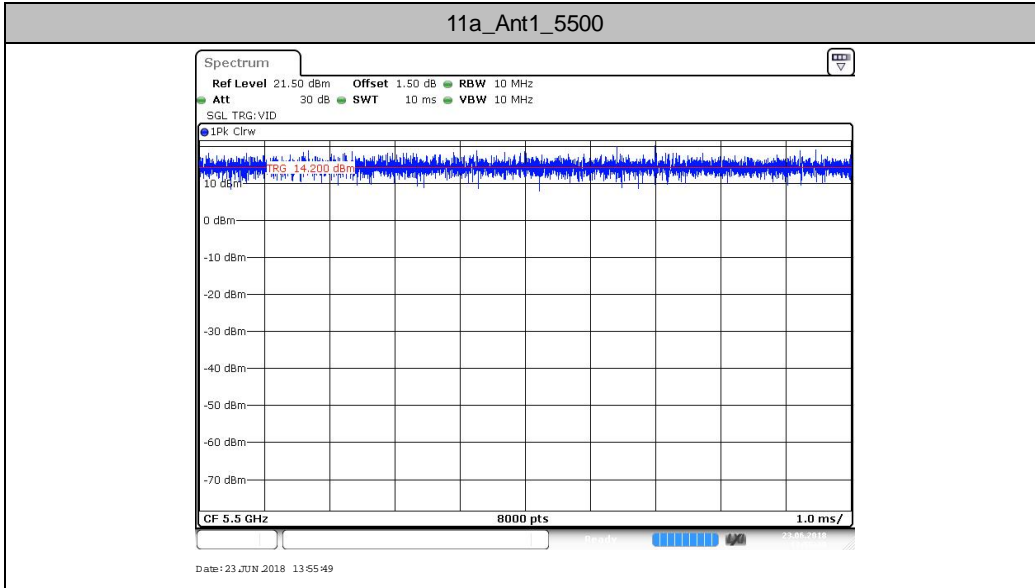


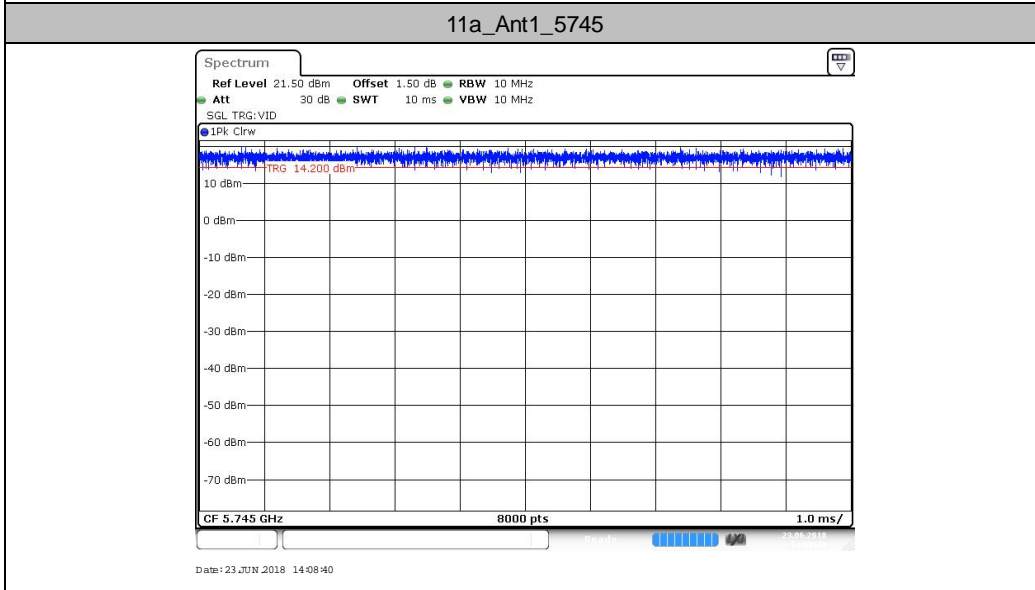
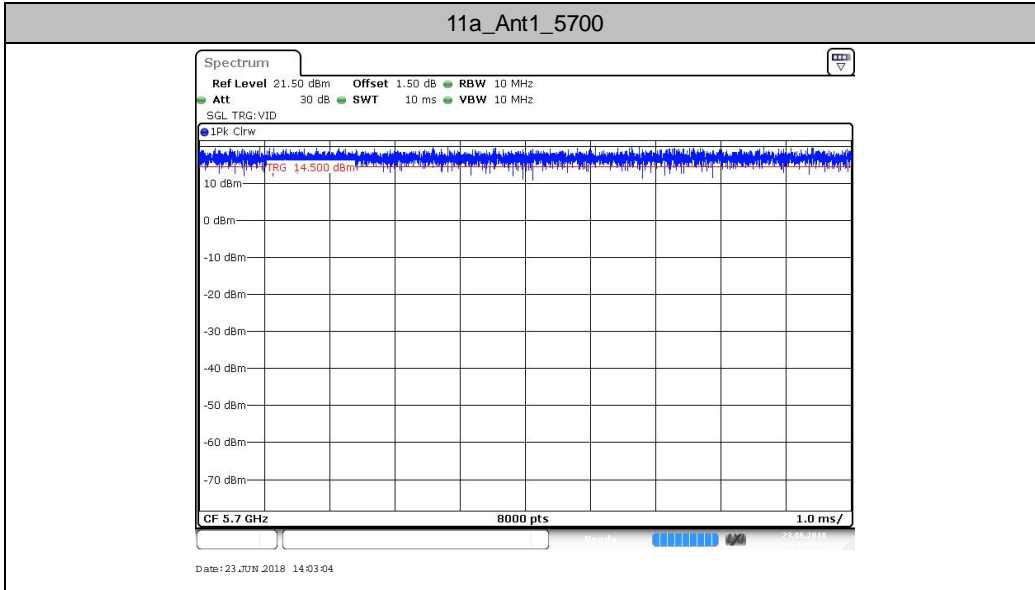
Test Graphs

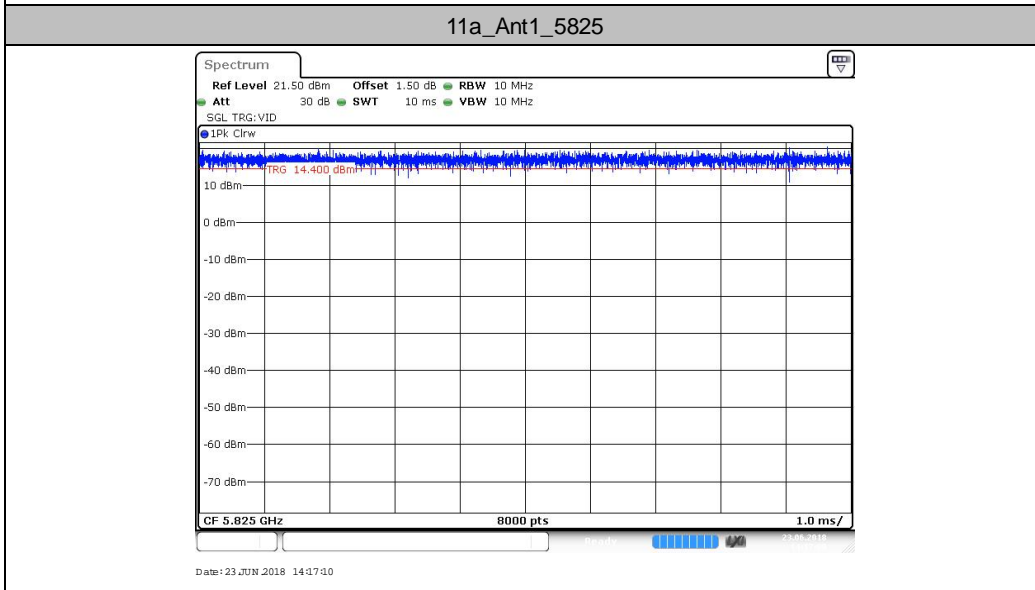
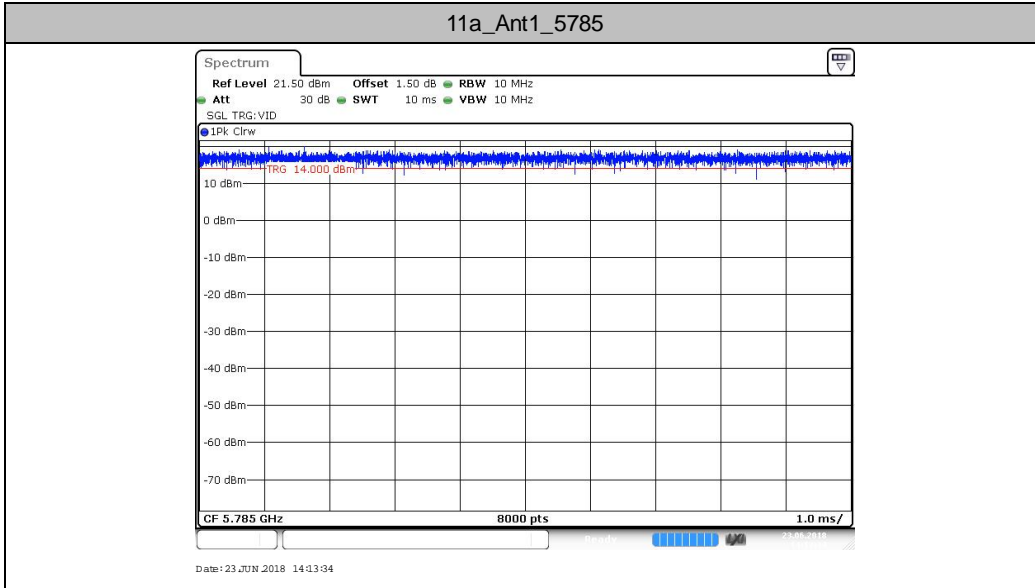






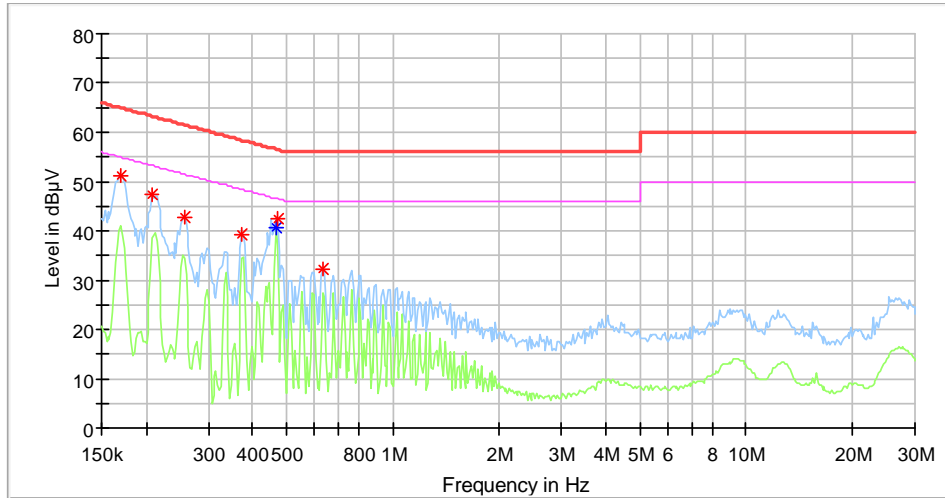






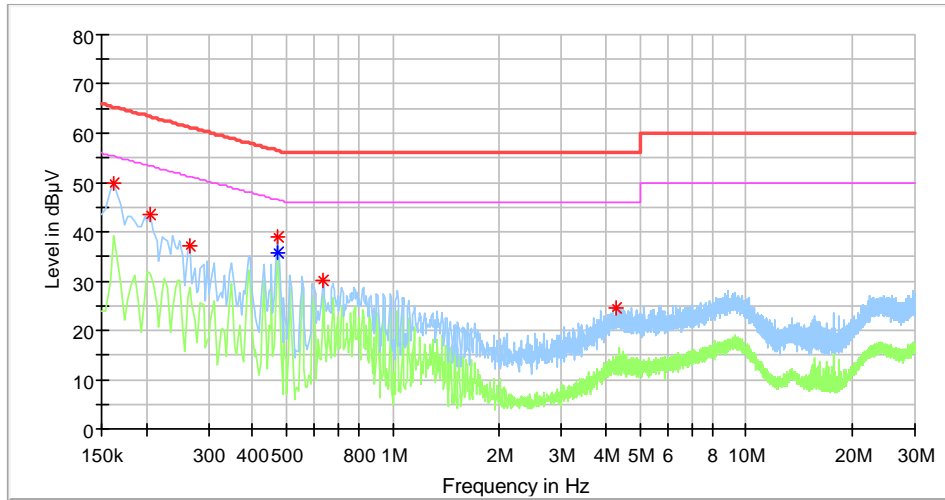
Appendix A10: Conducted Emission AC Power Port

Model: Moby/M100
 Test mode: Charging+TX
 Test Voltage: AC 120V/60Hz
 Remark: Power Line, L



Frequency	MaxPeak	Average	Limit	Margin	Line	Corr.
0.169024	51.22	---	65.01	13.79	L1	10.2
0.208304	47.53	---	63.27	15.75	L1	10.2
0.256712	42.65	---	61.54	18.89	L1	10.2
0.374678	39.22	---	58.40	19.18	L1	10.9
0.466367	---	40.72	46.58	5.86	L1	10.7
0.471031	42.50	---	56.50	13.99	L1	10.6
0.634879	32.24	---	56.00	23.76	L1	10.2

Model: Moby/M100
 Test mode: Charging+TX
 Test Voltage: AC 120V/60Hz
 Remark: Power Line, N



Frequency	MaxPeak	Average	Limit	Margin	Line	Corr.
0.162000	49.86	---	65.36	15.50	N	10.3
0.206000	43.44	---	63.37	19.92	N	10.3
0.266000	37.17	---	61.24	24.07	N	10.3
0.474000	38.85	---	56.44	17.59	N	10.3
0.474000	---	35.78	46.44	10.67	N	10.3
0.634000	30.17	---	56.00	25.83	N	10.4
4.290000	24.51	---	56.00	31.49	N	10.5



Appendix A11: Channel (MHz) Move Time and Channel (MHz)

Closing Transmission Time

TestMode	Channel (MHz)	CCT[ms]	Limit[s]	CMT[ms]	Limit[ms]	Verdict
11a	5280	9.89	60	478.16	10000	PASS
	5500	6.02	60	467.84	10000	PASS

Test Graphs

