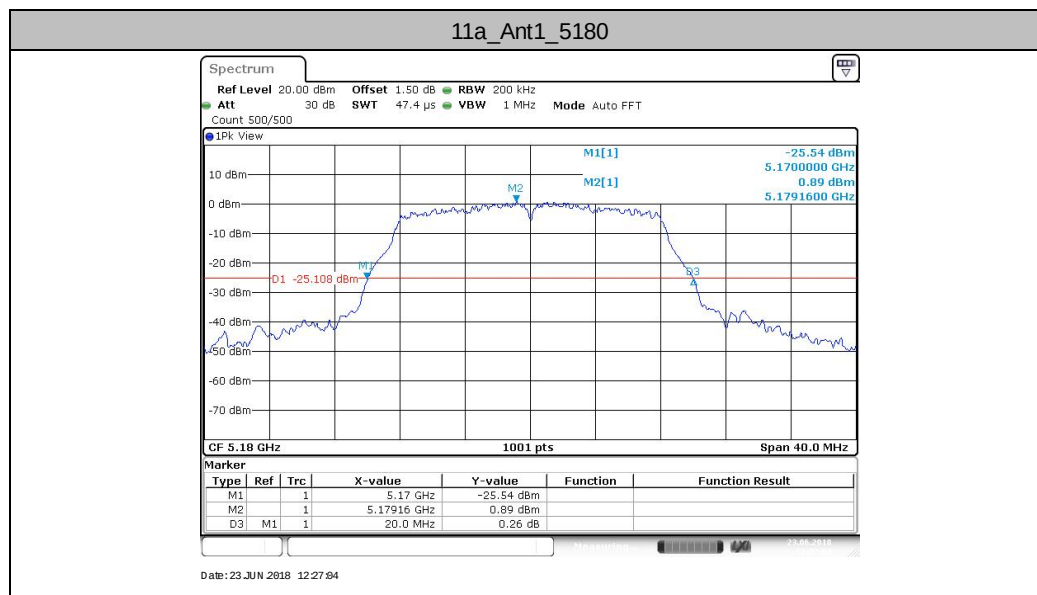


Appendix A1: Emission Bandwidth

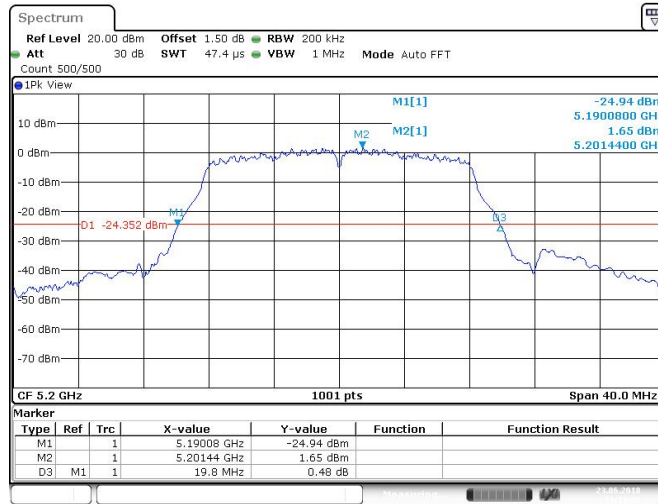
Test Result

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

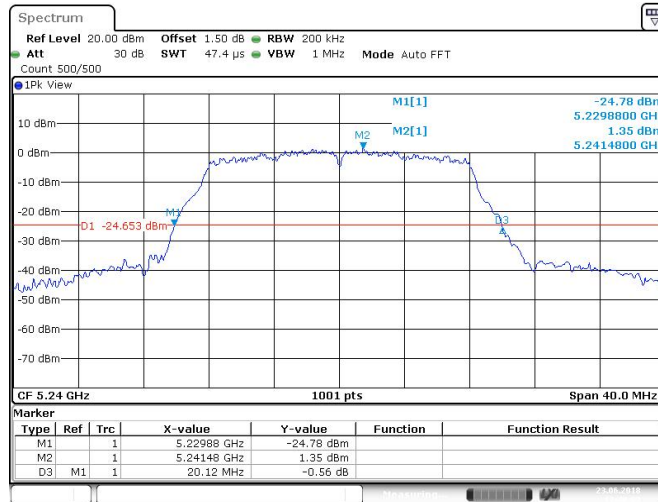


11a_Ant1_5200



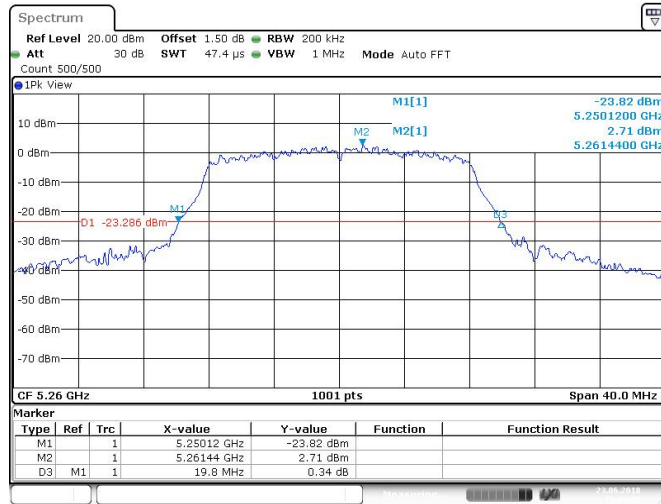
Date: 23 JUN 2018 13:11:42

11a_Ant1_5240



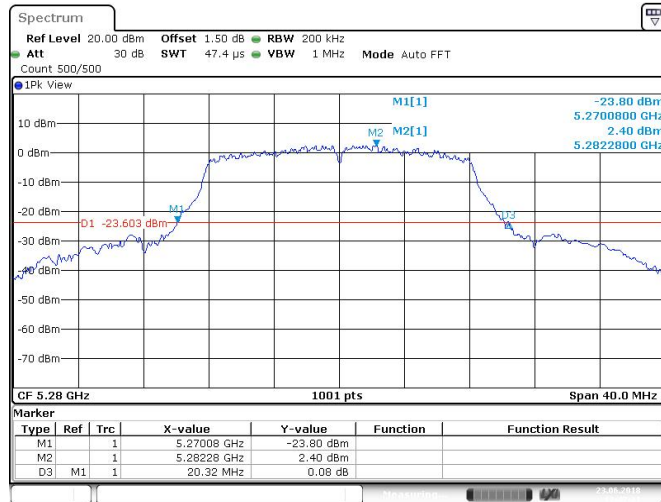
Date: 23 JUN 2018 13:40:04

11a_Ant1_5260



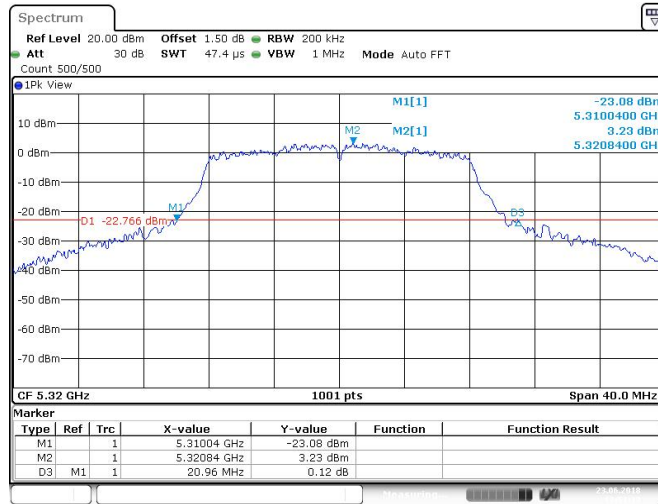
Date: 23 JUN 2018 13:43:46

11a_Ant1_5280



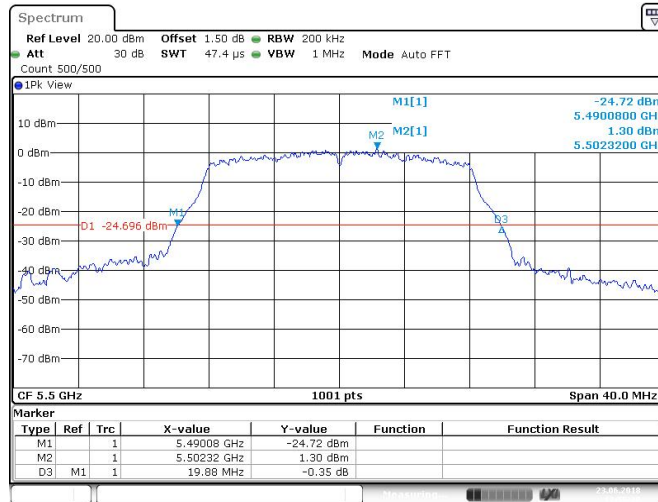
Date: 23 JUN 2018 13:47:22

11a_Ant1_5320



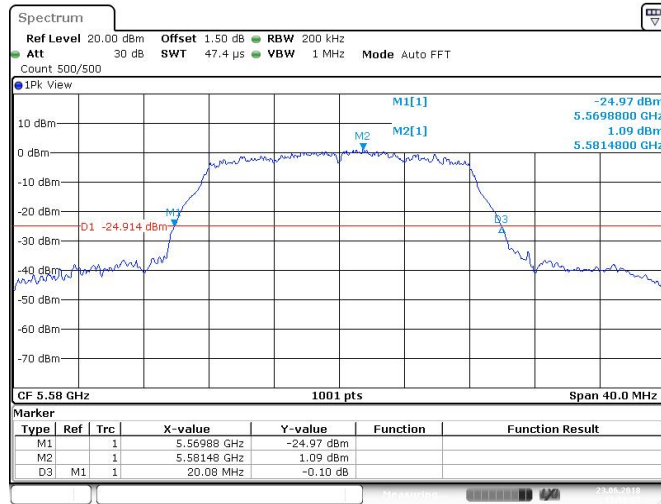
Date: 23 JUN 2018 13:51:14

11a_Ant1_5500

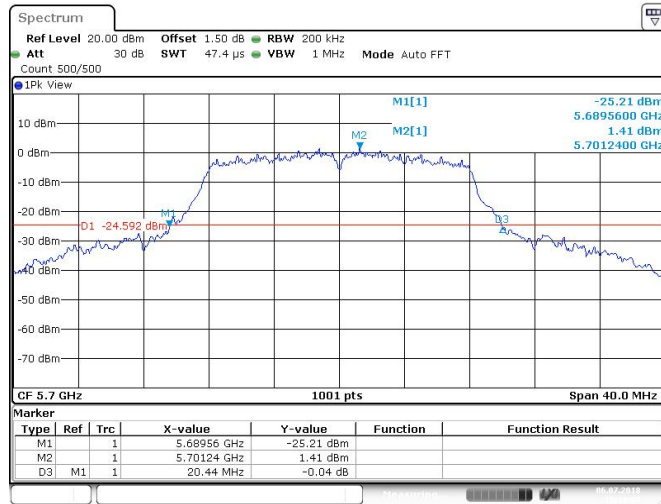


Date: 23 JUN 2018 13:55:21

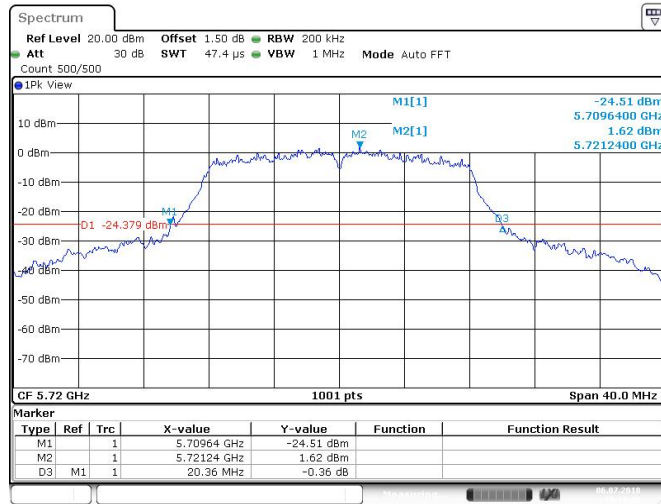
11a_Ant1_5580



11a_Ant1_5700

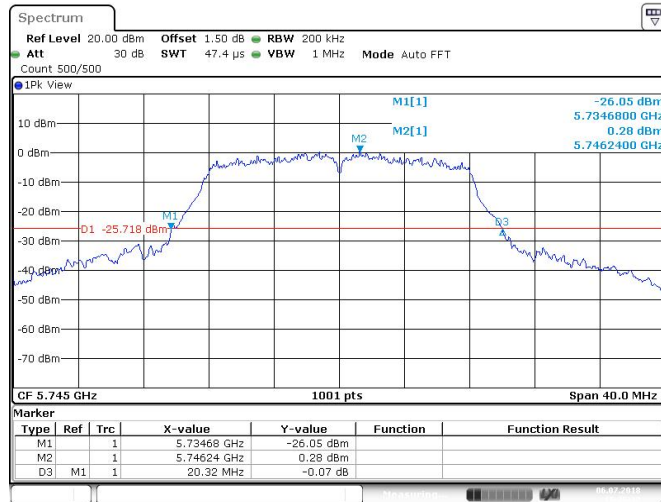


11a_Ant1_5720



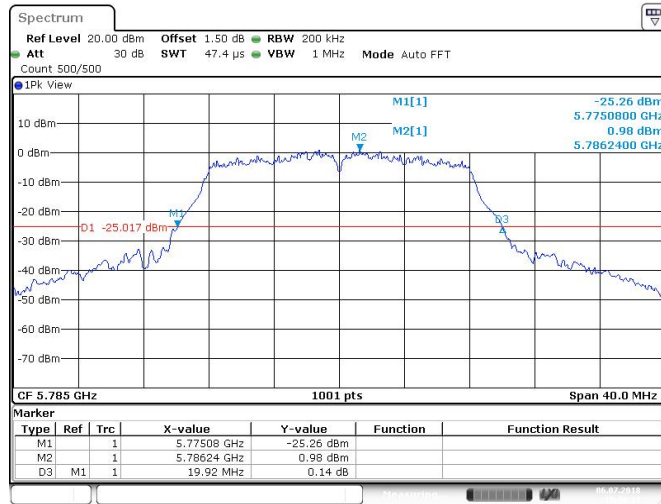
Date: 6 JUL 2018 15:19:41

11a_Ant1_5745

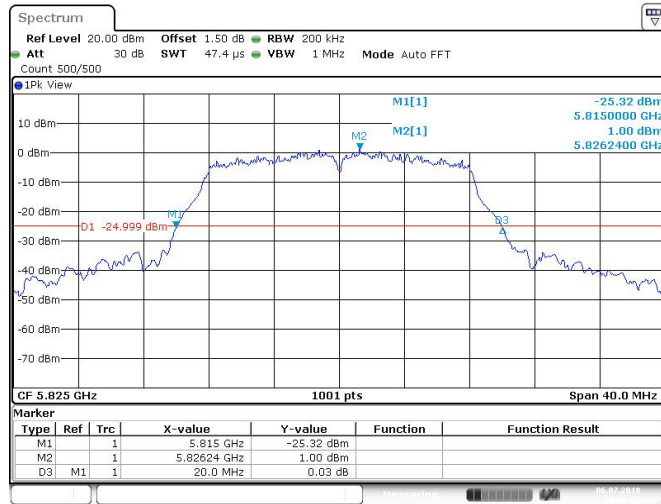


Date: 6 JUL 2018 15:25:32

11a_Ant1_5785



11a_Ant1_5825

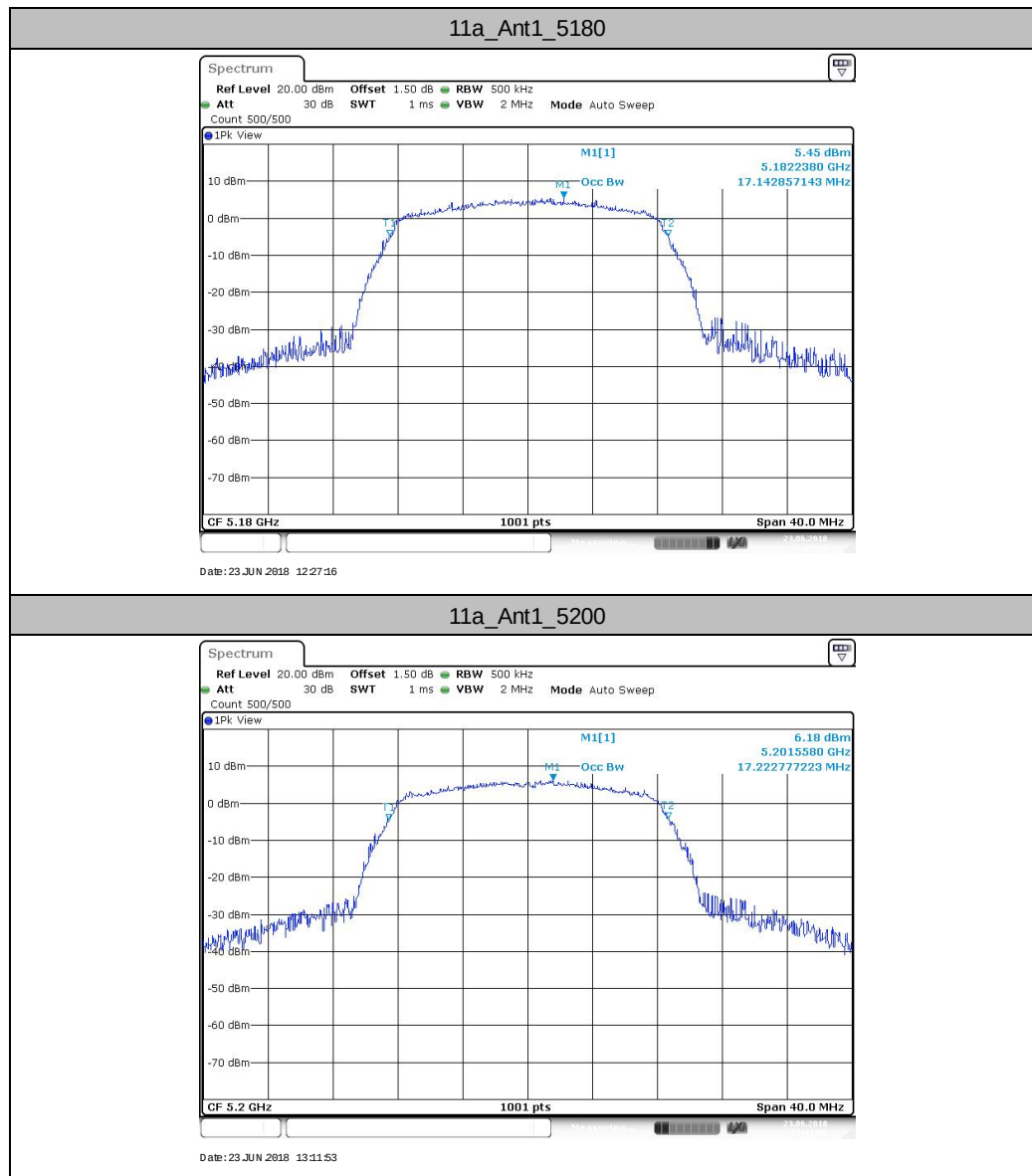


Appendix A2: Occupied Channel (MHz) bandwidth

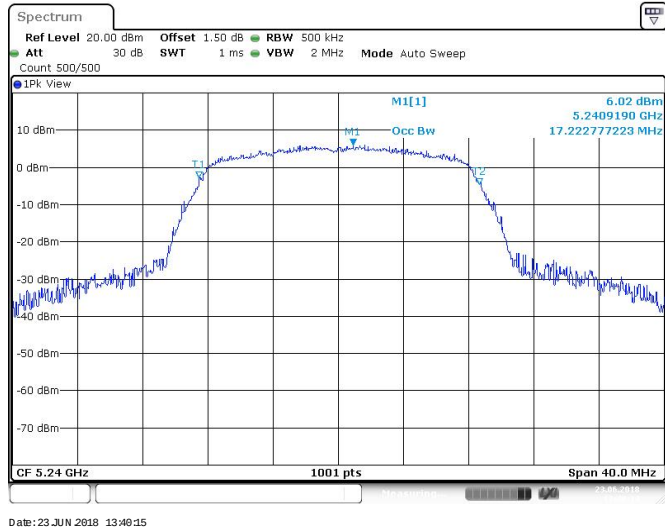
Test Result

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

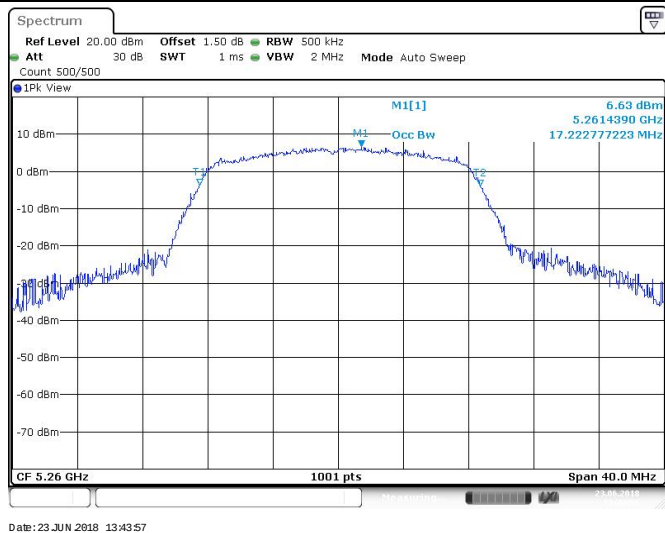
Test Graphs



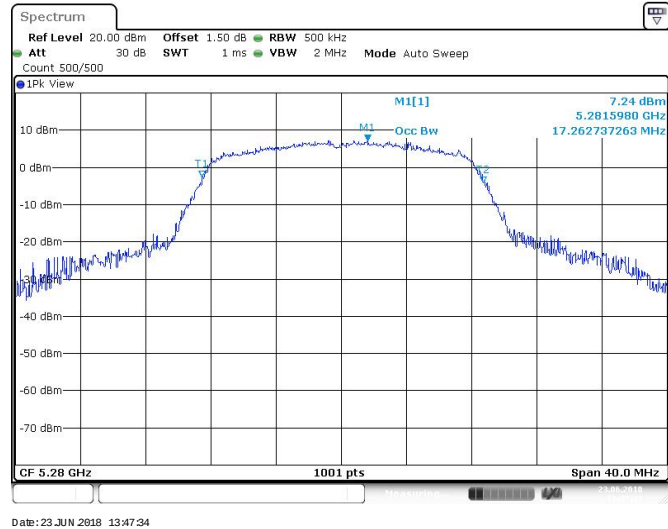
11a_Ant1_5240



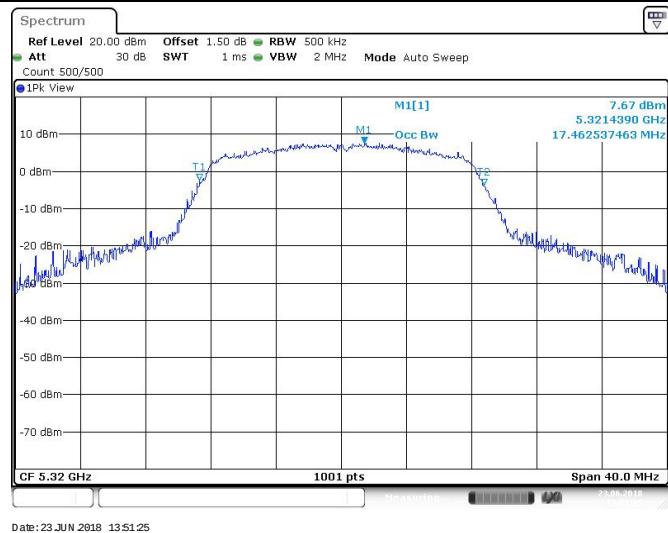
11a_Ant1_5260



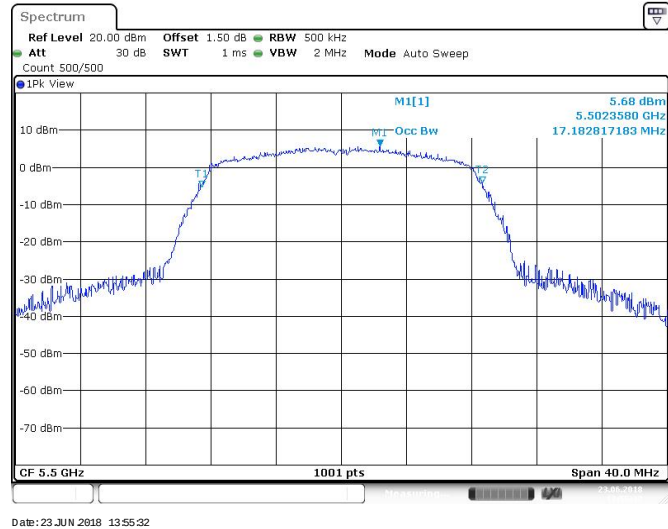
11a_Ant1_5280



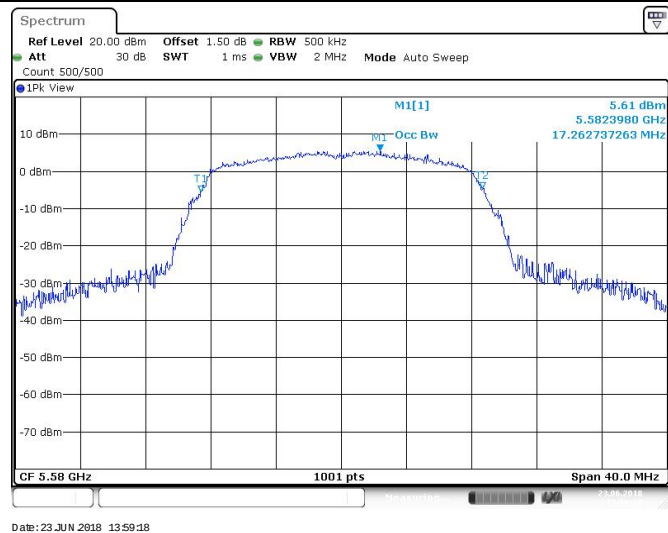
11a_Ant1_5320



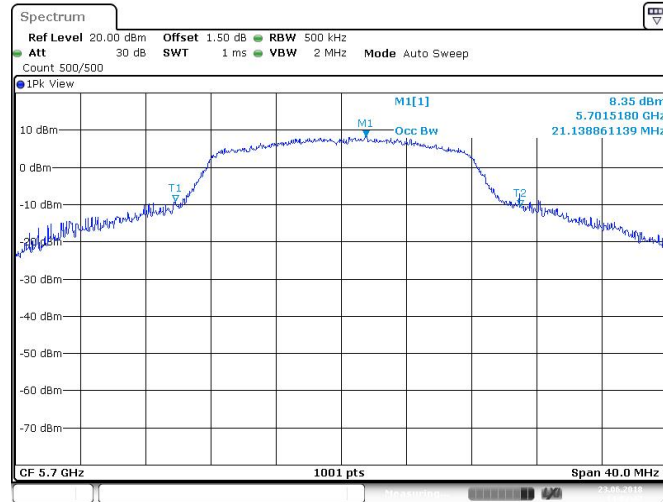
11a_Ant1_5500



11a_Ant1_5580

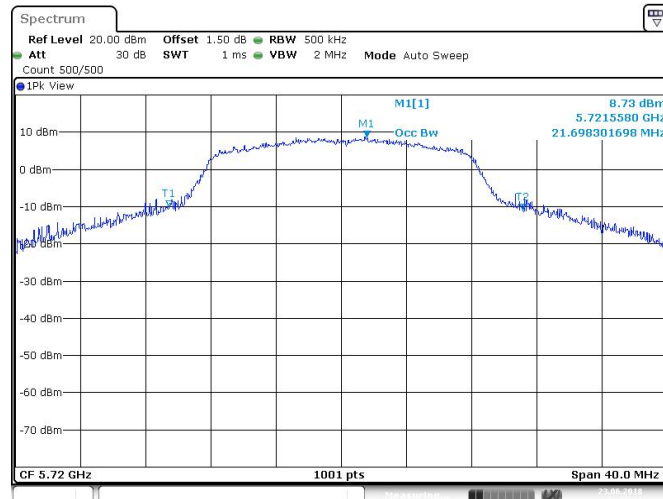


11a_Ant1_5700



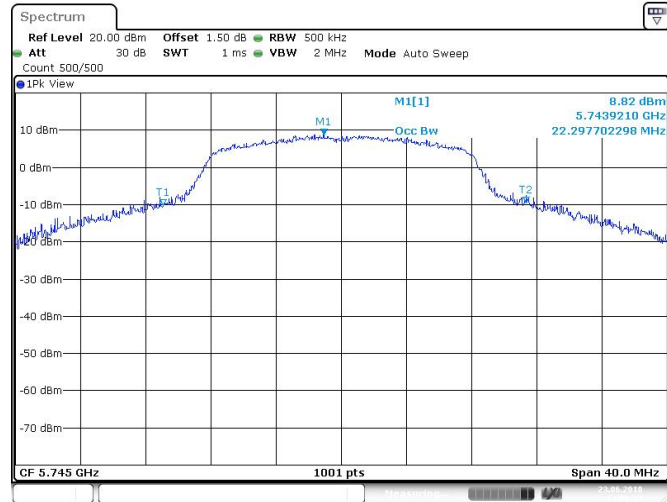
Date: 23 JUN 2018 14:02:47

11a_Ant1_5720



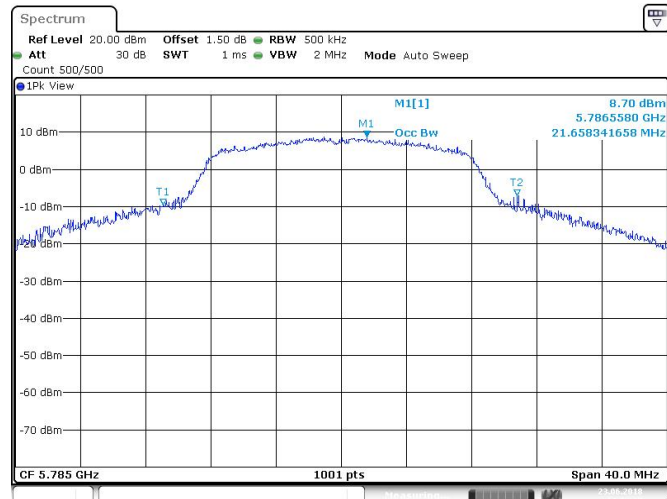
Date: 23 JUN 2018 14:06:21

11a_Ant1_5745

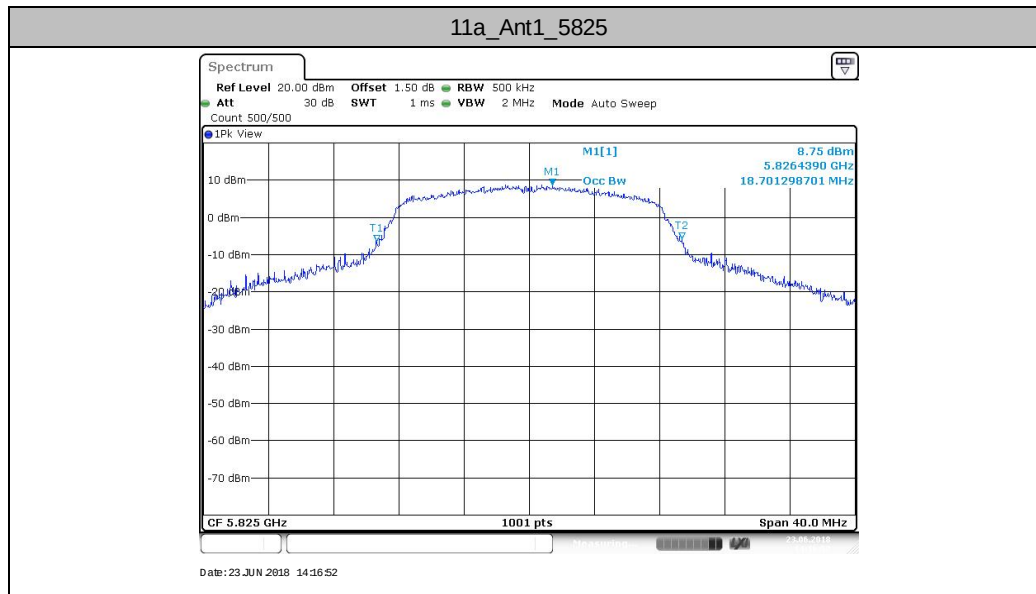


Date: 23 JUN 2018 14:08:23

11a_Ant1_5785



Date: 23 JUN 2018 14:13:17

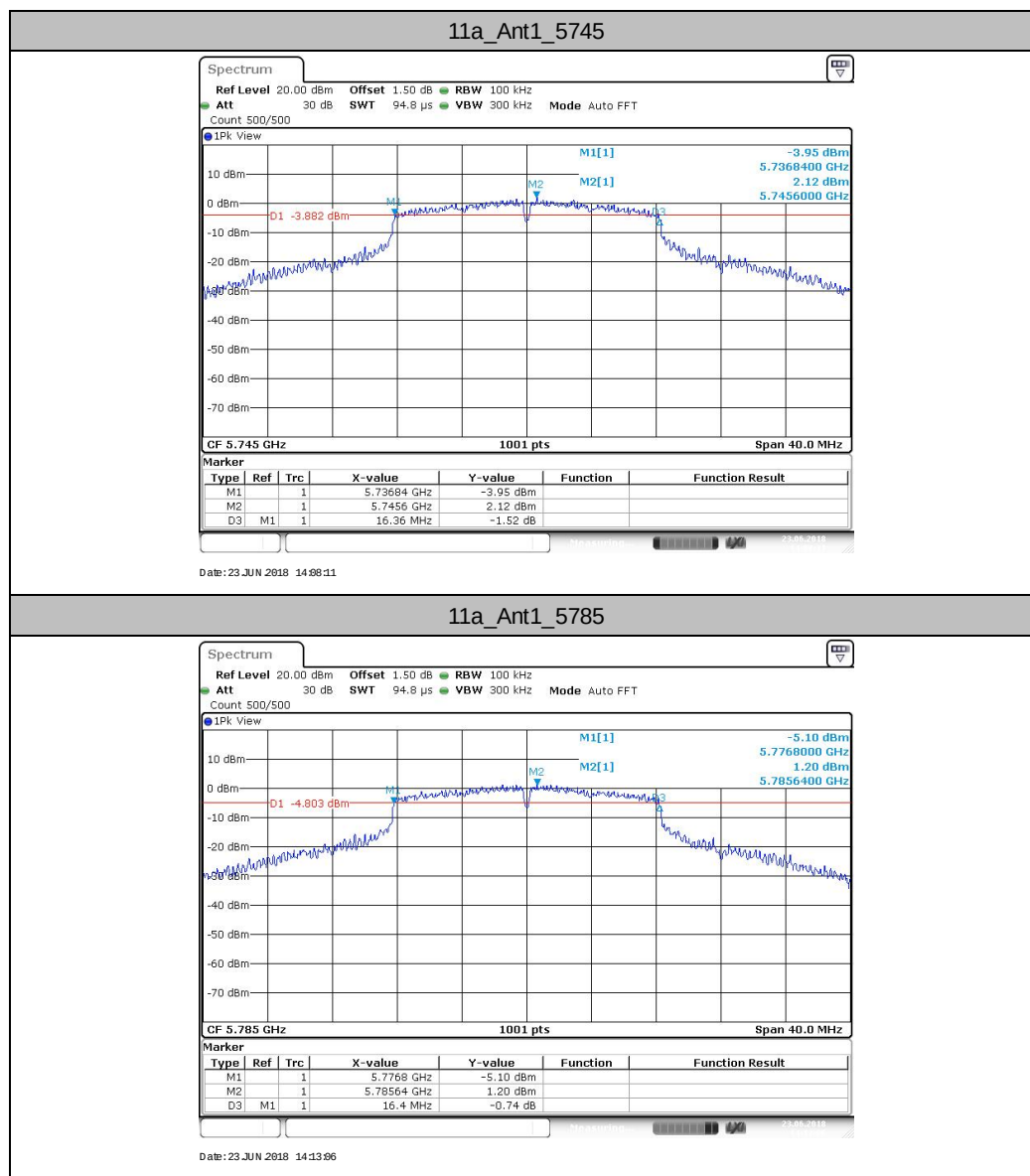


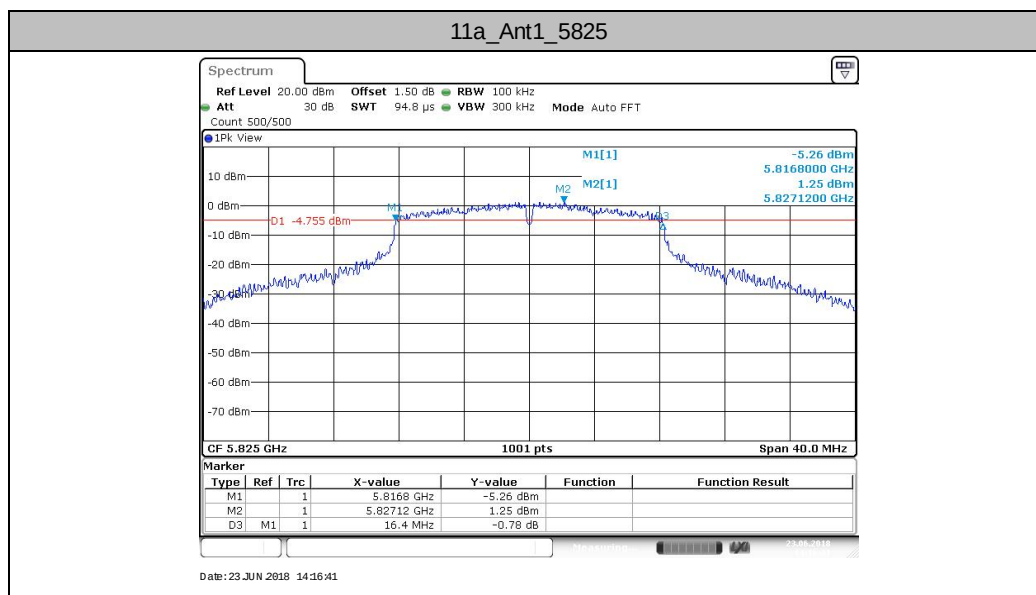
Appendix A3: Min emission bandwidth

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

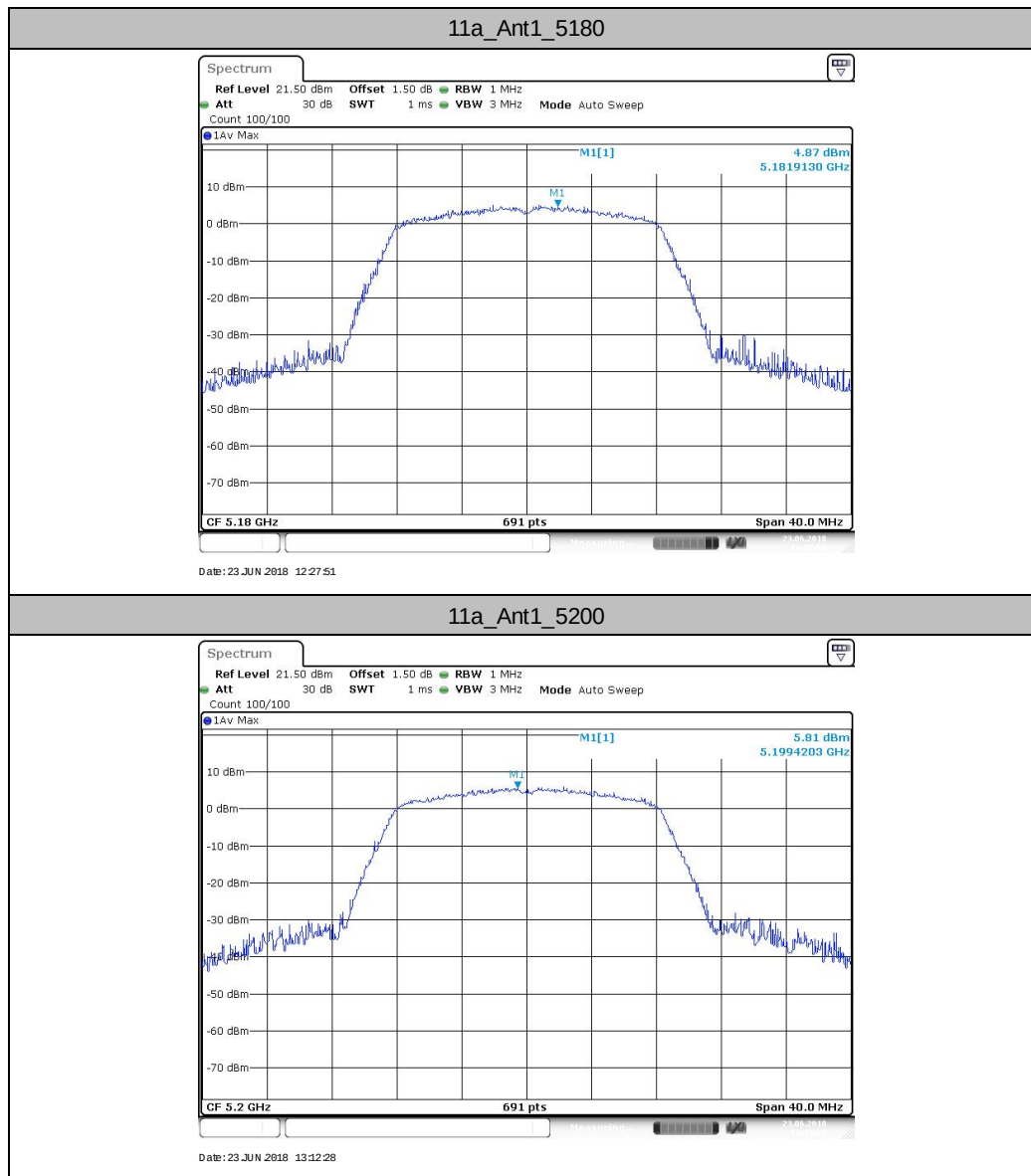
TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	5180	14.25	23.98	PASS
		5200	14.31	23.98	PASS
		5240	14.45	23.98	PASS
		5260	14.01	23.98	PASS
		5280	14.09	23.98	PASS
		5320	14.11	23.98	PASS
		5500	13.78	23.98	PASS
		5580	13.97	23.98	PASS
		5700	13.91	23.98	PASS
		5720	13.76	23.98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

Appendix A5: Maximum power spectral density

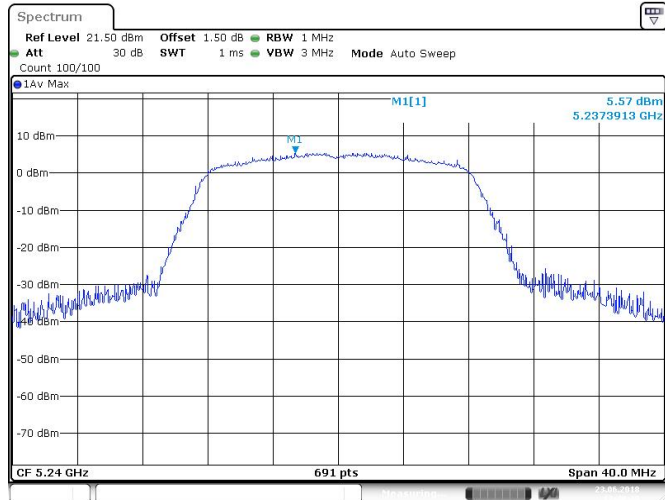
Test Result

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

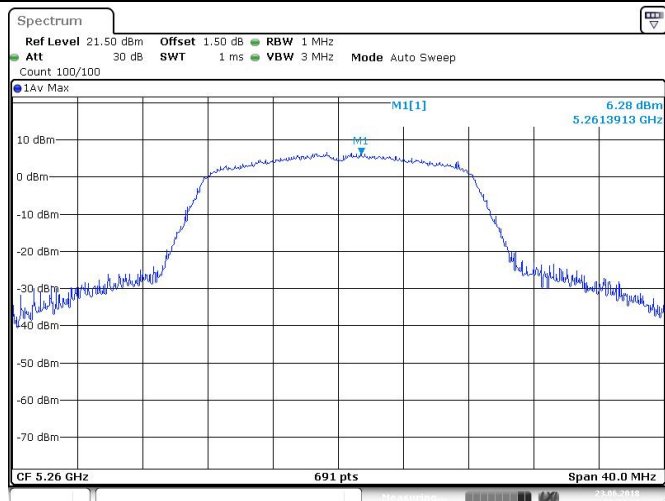


11a_Ant1_5240



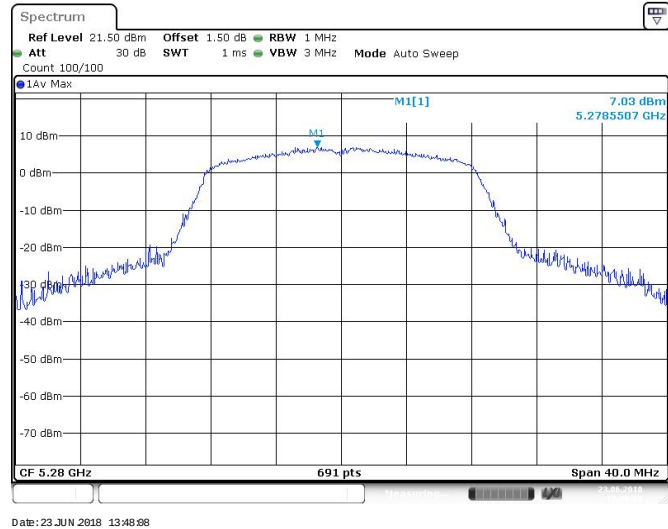
Date: 23 JUN 2018 13:40:59

11a_Ant1_5260

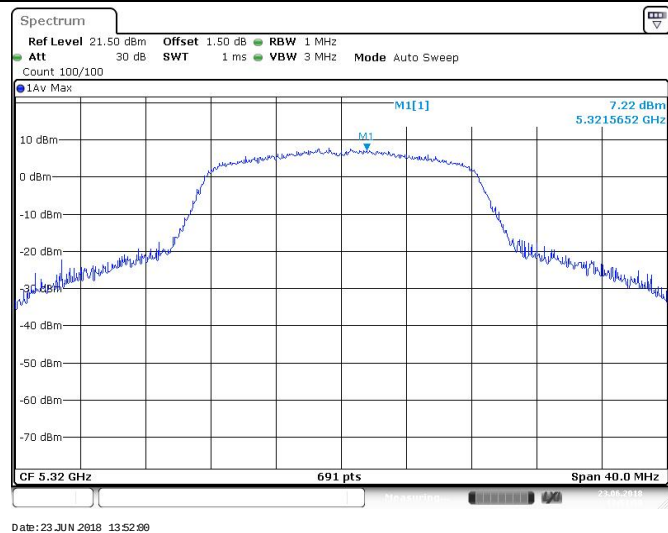


Date: 23 JUN 2018 13:44:32

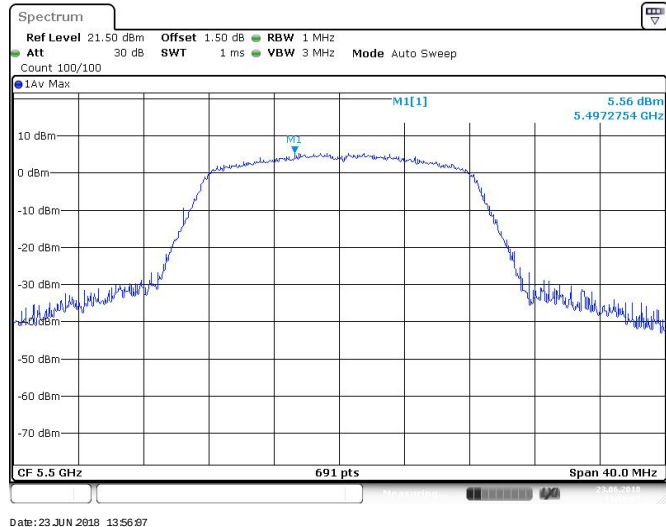
11a_Ant1_5280



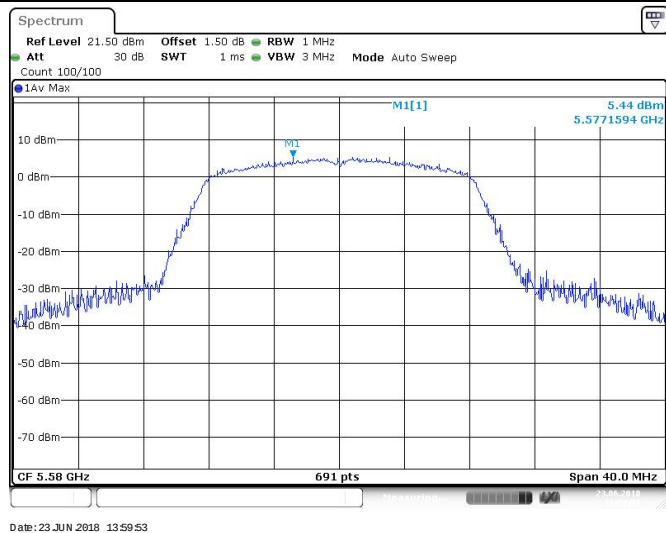
11a_Ant1_5320



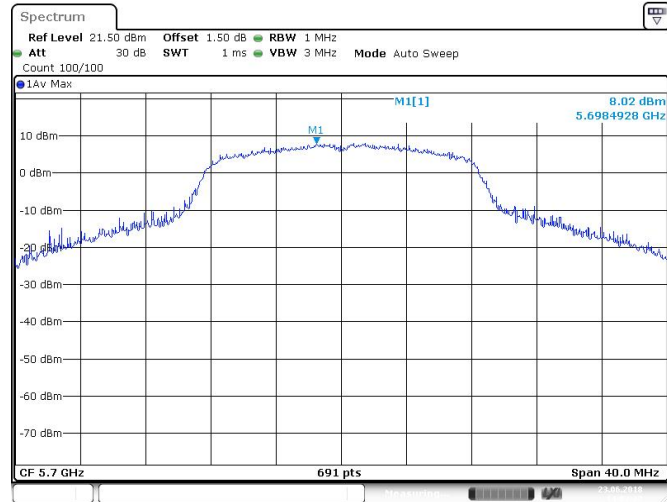
11a_Ant1_5500



11a_Ant1_5580

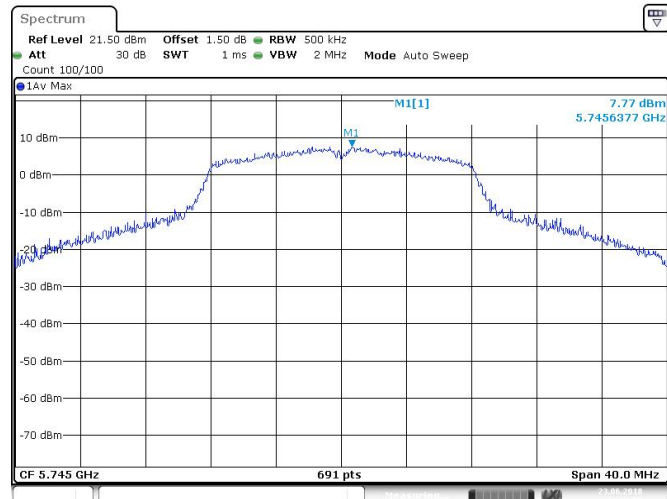


11a_Ant1_5700



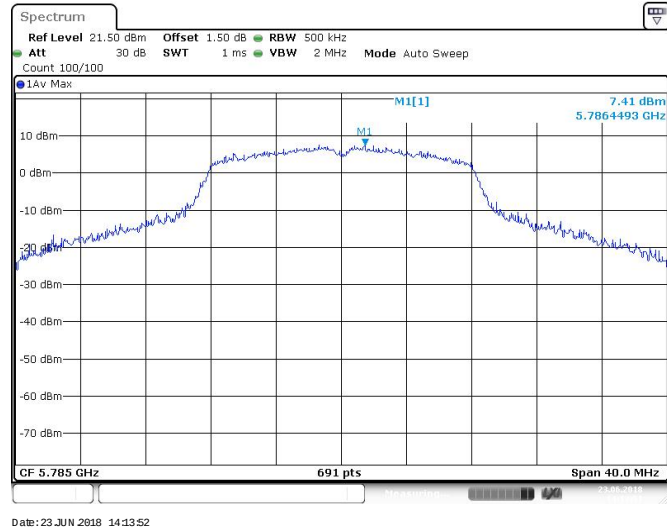
Date: 23 JUN 2018 14:53:22

11a_Ant1_5745

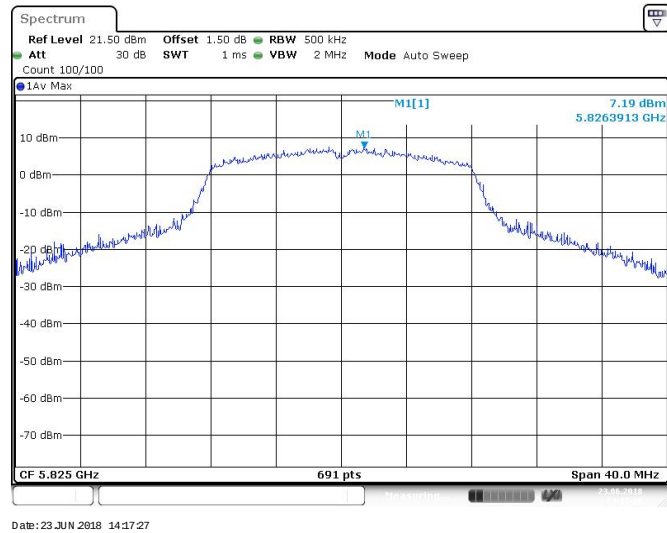


Date: 23 JUN 2018 14:58:57

11a_Ant1_5785



11a_Ant1_5825



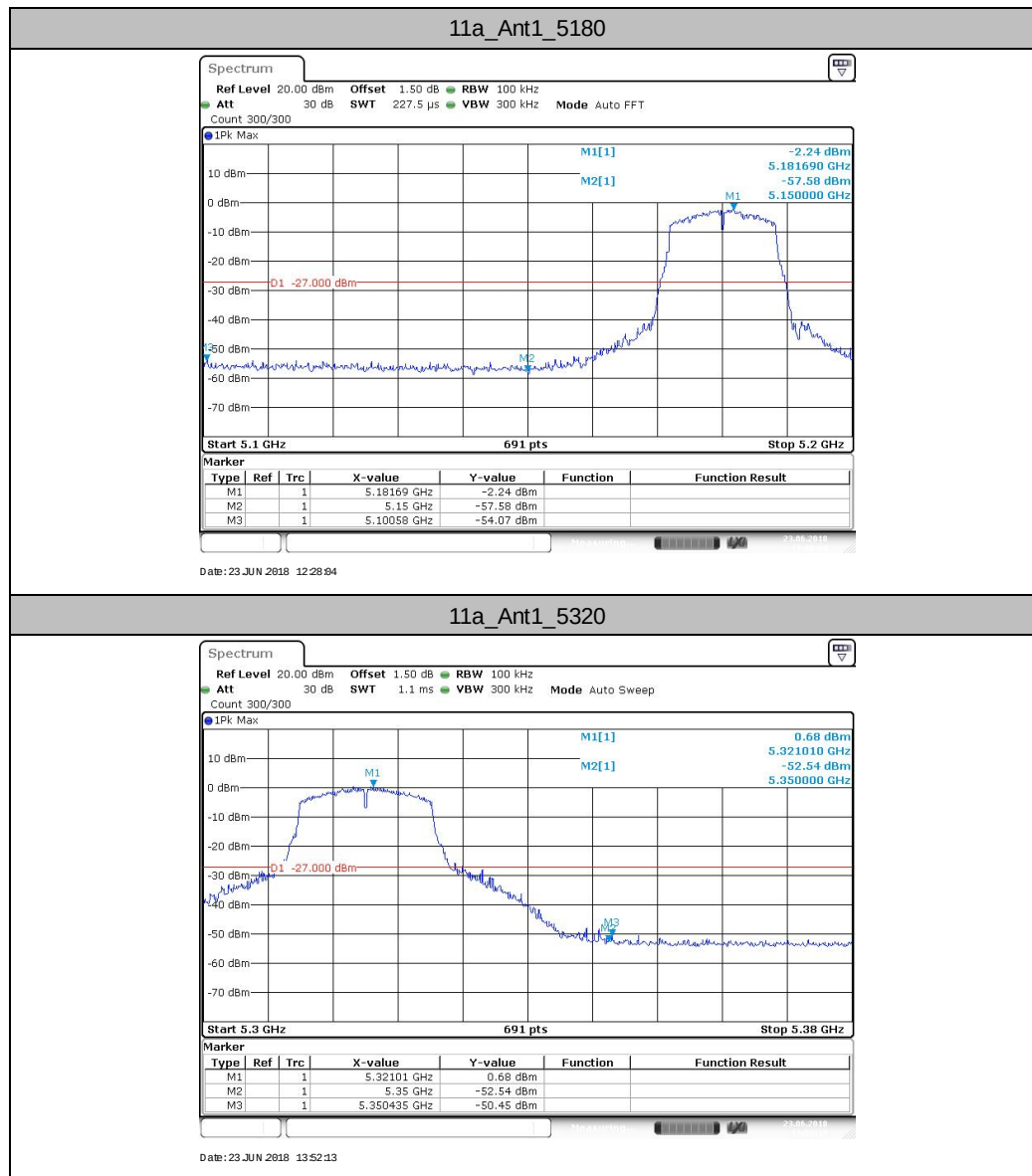
Appendix A6: Band edge measurements

Test Result

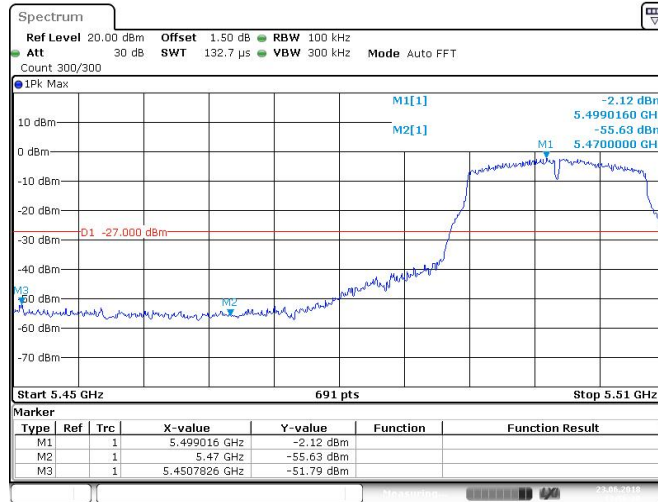
TestMode	Antenna	ChName	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	Low	5180	-54.07	-27	PASS
		High	5320	-50.45	-27	PASS
		Low	5500	-51.79	-27	PASS
		High	5700	-37.95	-27	PASS

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

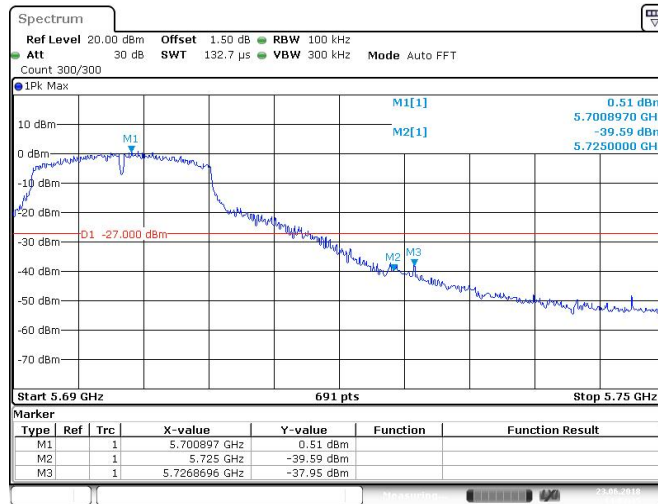
Test Graphs



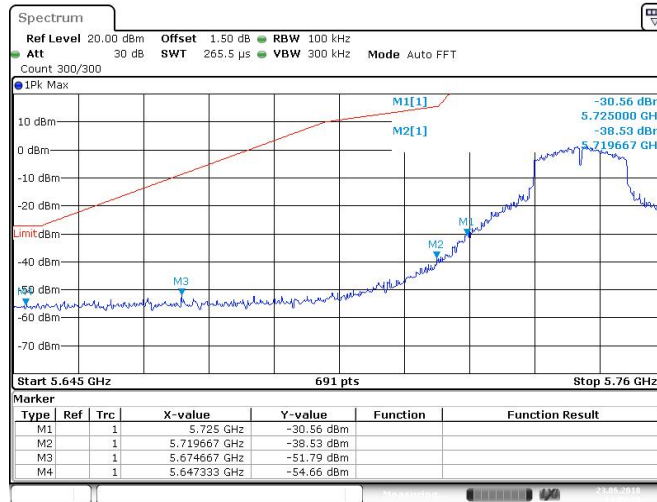
11a_Ant1_5500



11a_Ant1_5700

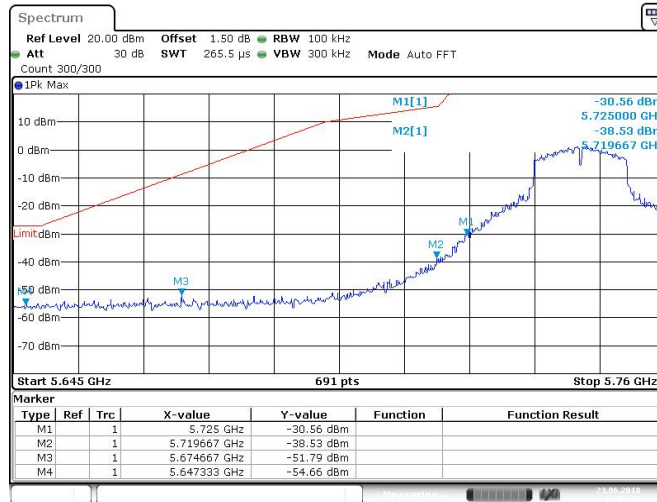


11a_Ant1_5745



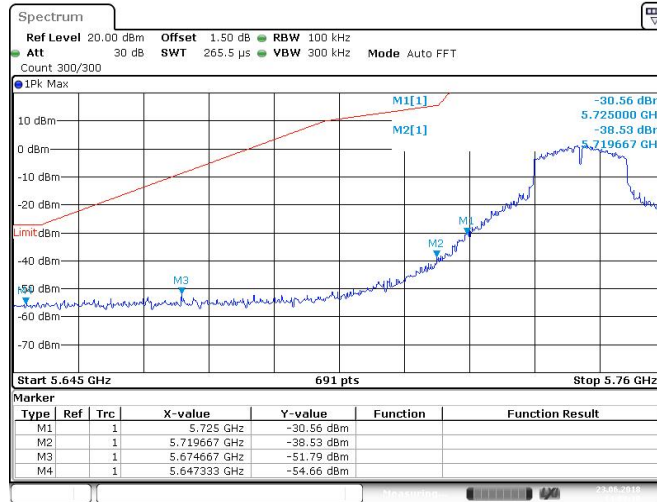
Date: 23 JUN 2018 14:59:11

11a_Ant1_5745



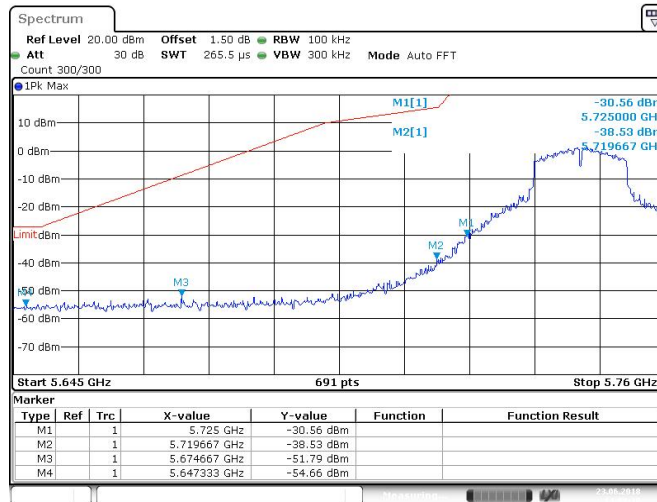
Date: 23 JUN 2018 14:59:11

11a_Ant1_5745



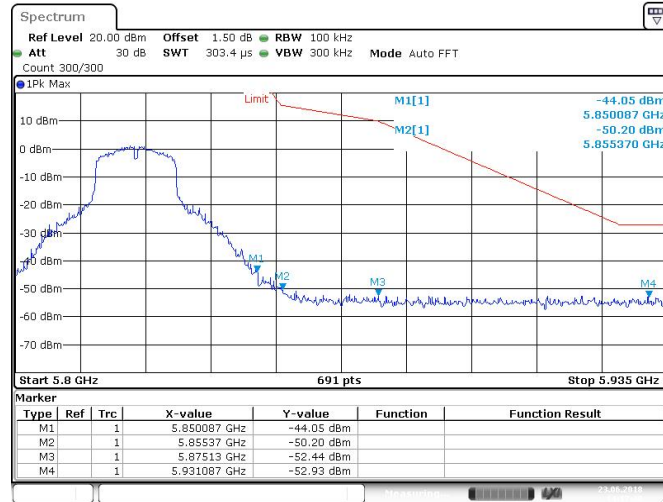
Date: 23 JUN 2018 14:99:11

11a_Ant1_5745

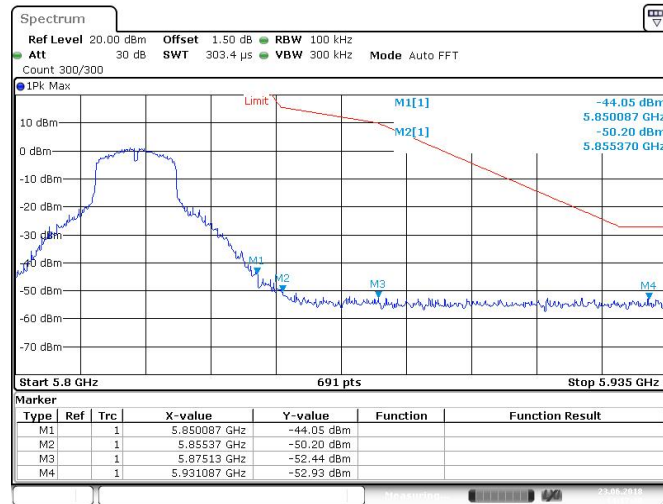


Date: 23 JUN 2018 14:99:11

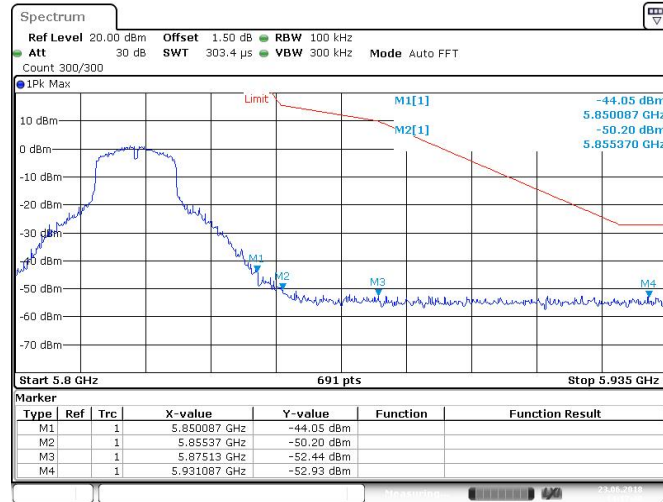
11a_Ant1_5825



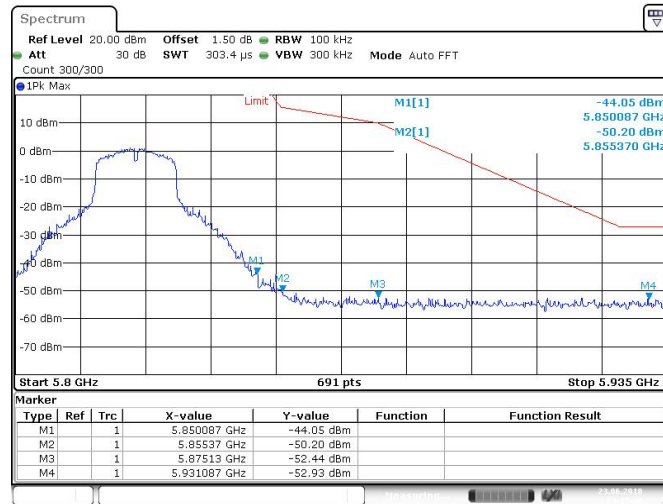
11a_Ant1_5825



11a_Ant1_5825



11a_Ant1_5825

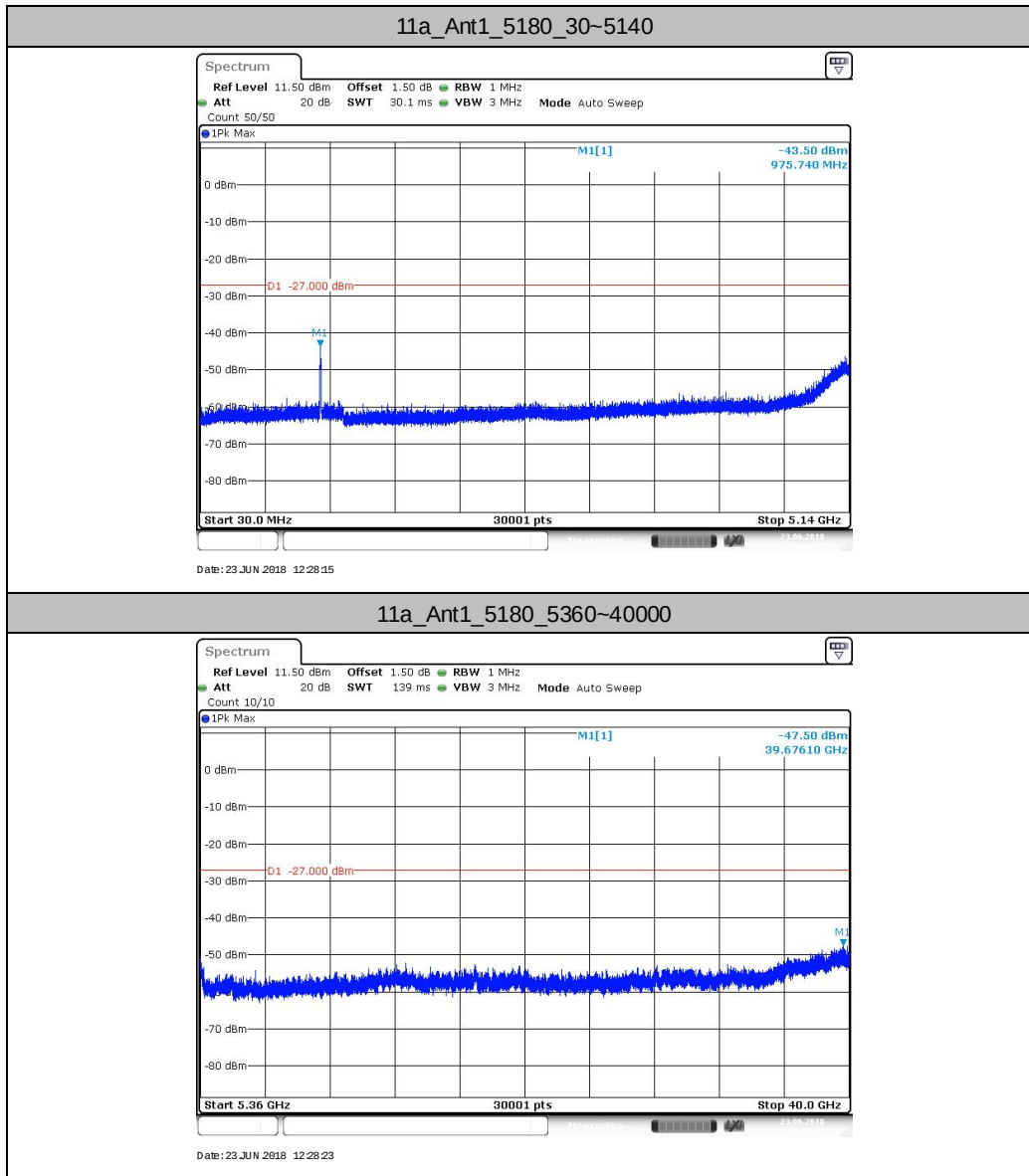


Appendix A7: Conducted Spurious Emission

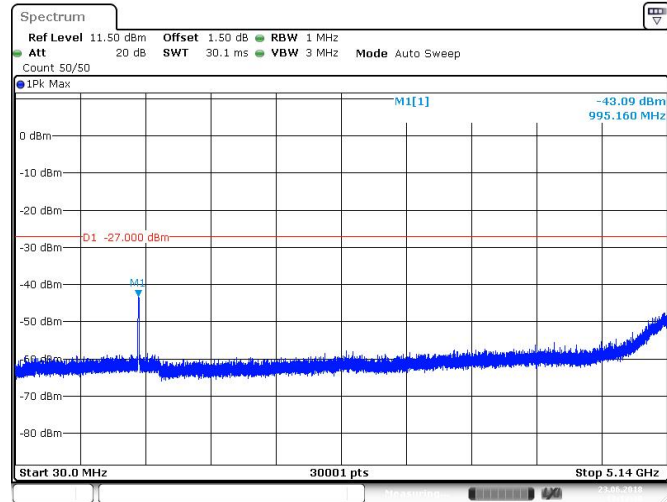
Test Result

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

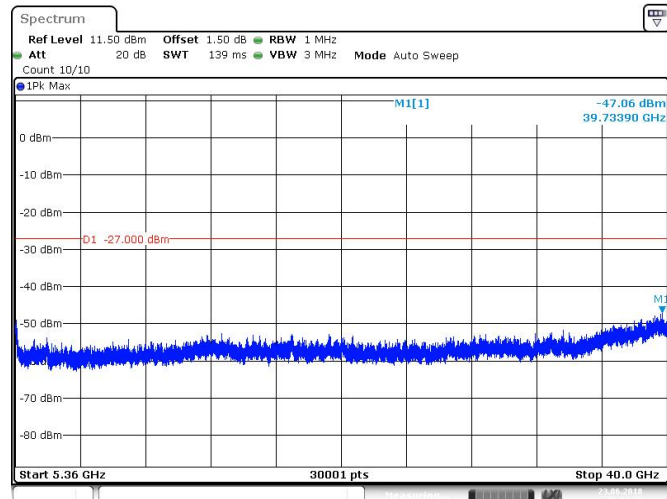


11a_Ant1_5200_30~5140



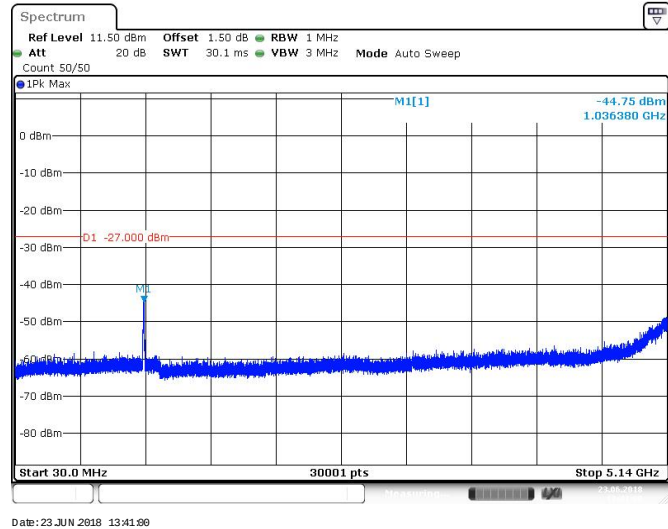
Date: 23 JUN 2018 13:12:38

11a_Ant1_5200_5360~40000

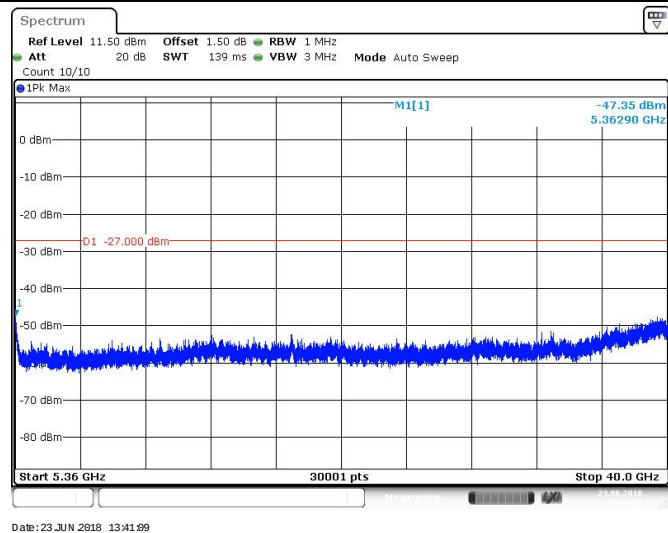


Date: 23 JUN 2018 13:12:47

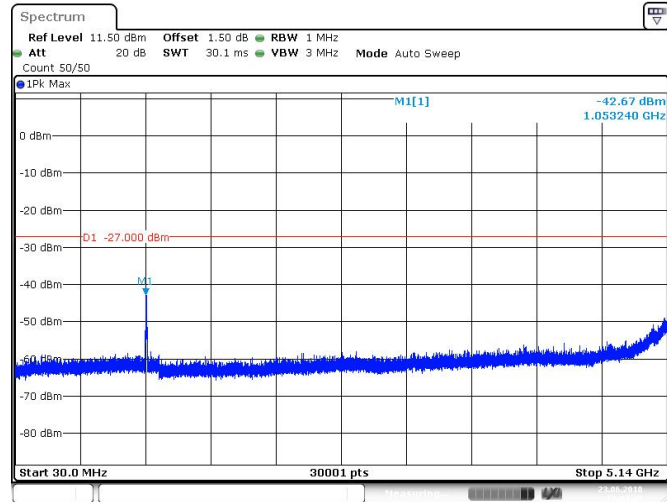
11a_Ant1_5240_30~5140



11a_Ant1_5240_5360~40000

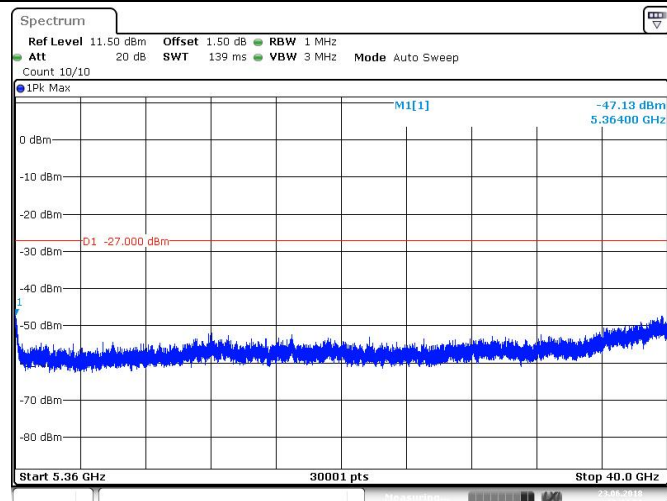


11a_Ant1_5260_30~5140



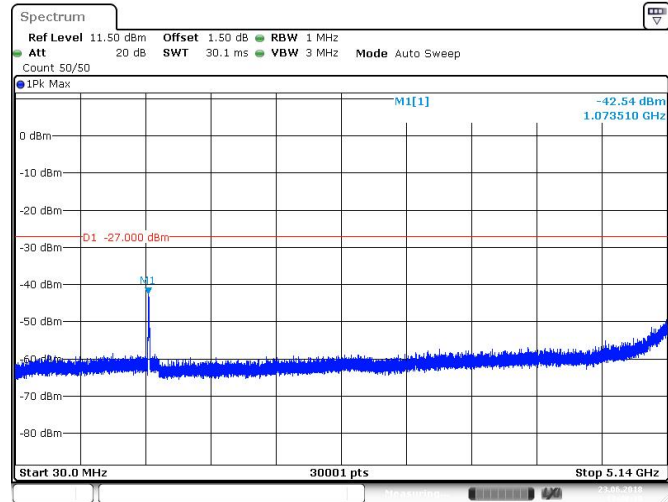
Date: 23 JUN 2018 13:44:42

11a_Ant1_5260_5360~40000



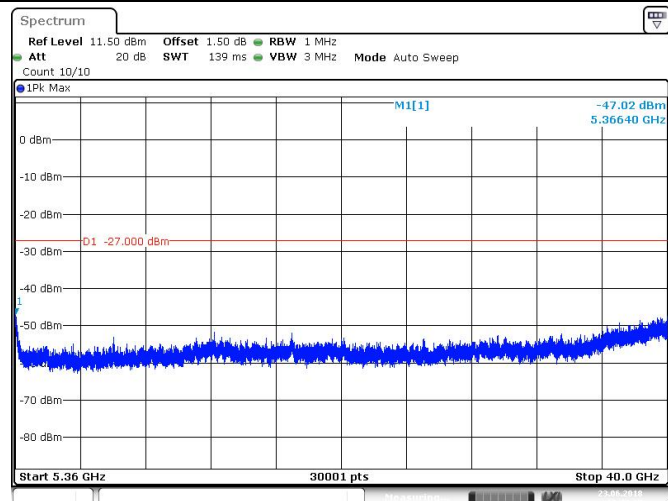
Date: 23 JUN 2018 13:44:51

11a_Ant1_5280_30~5140



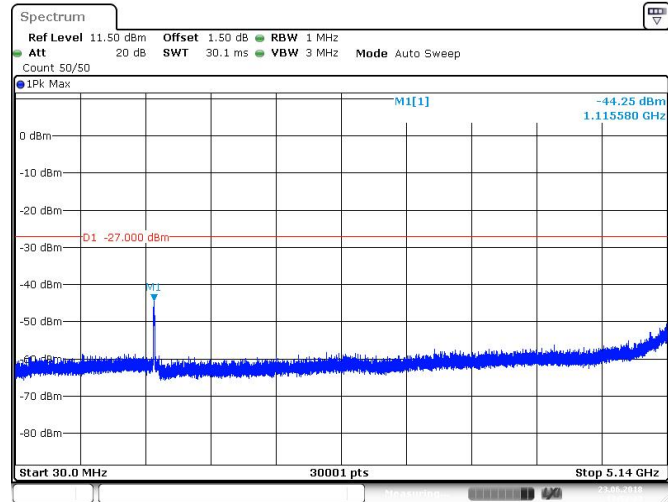
Date: 23 JUN 2018 13:48:19

11a_Ant1_5280_5360~40000



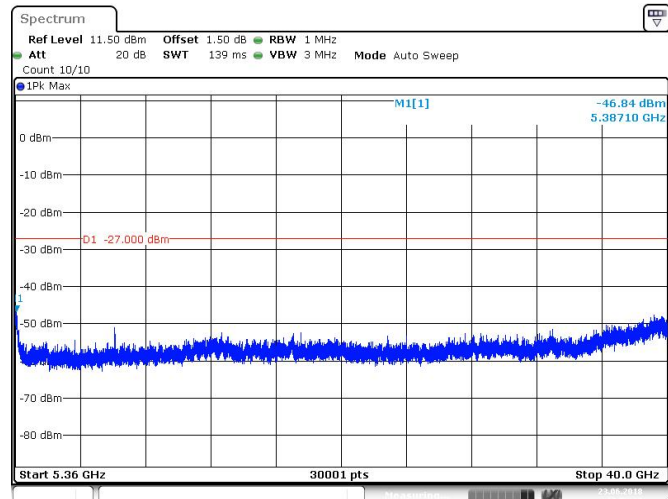
Date: 23 JUN 2018 13:48:28

11a_Ant1_5320_30~5140



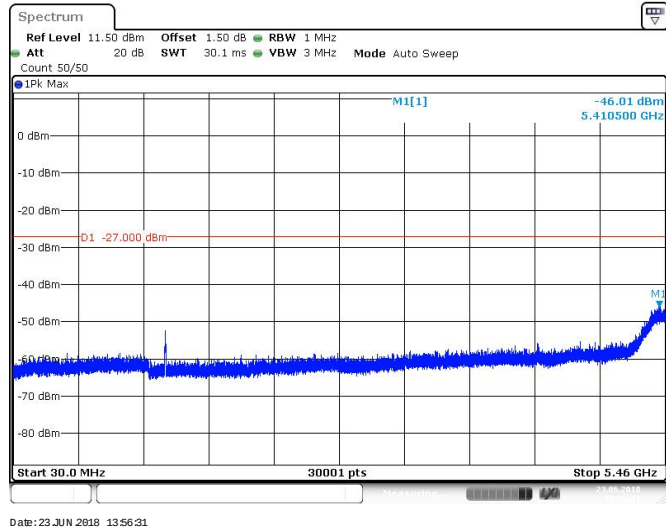
Date: 23 JUN 2018 13:52:24

11a_Ant1_5320_5360~40000

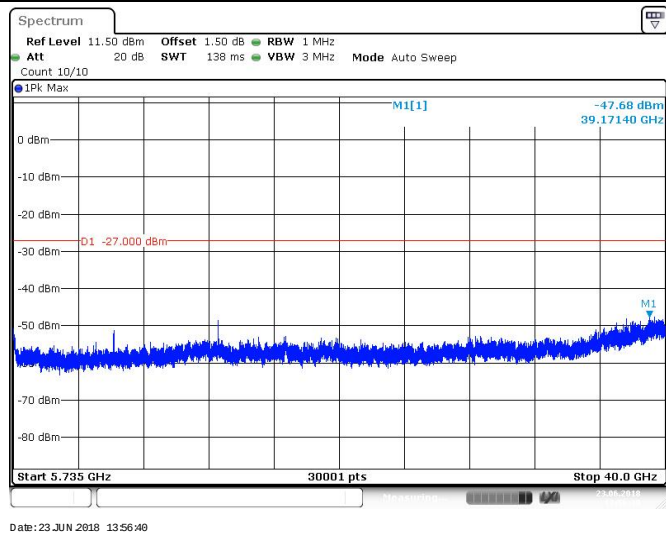


Date: 23 JUN 2018 13:52:33

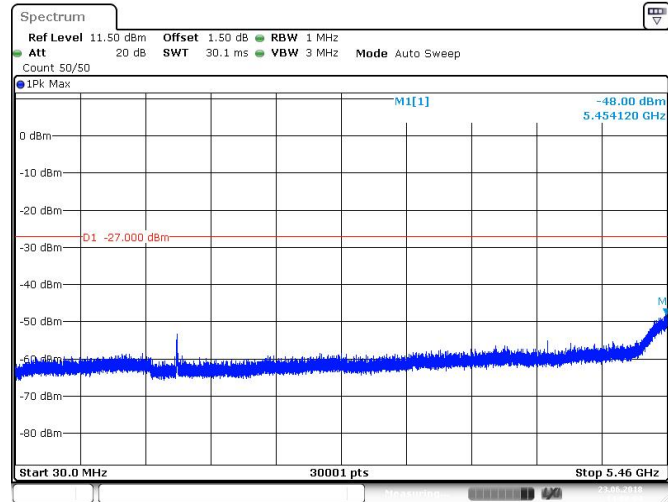
11a_Ant1_5500_30~5460



11a_Ant1_5500_5735~40000

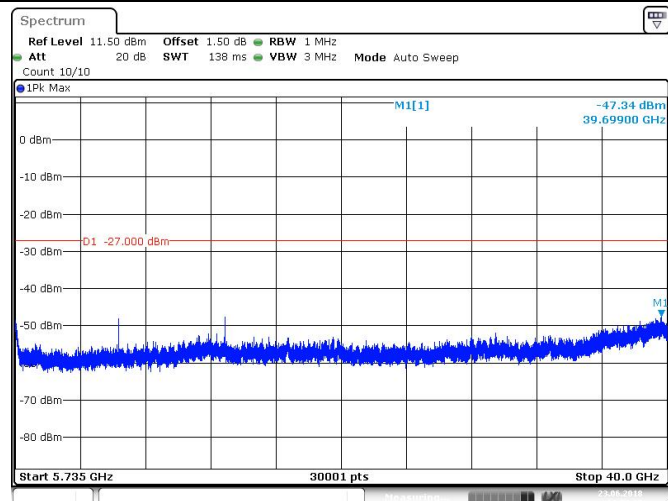


11a_Ant1_5580_30~5460



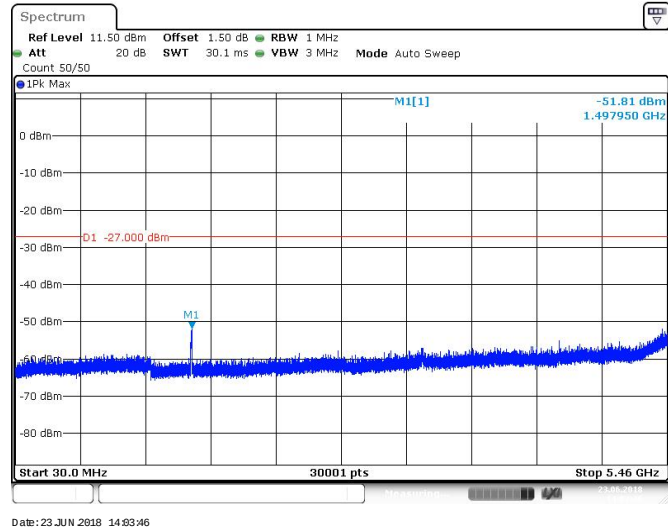
Date: 23 JUN 2018 14:00:04

11a_Ant1_5580_5735~40000

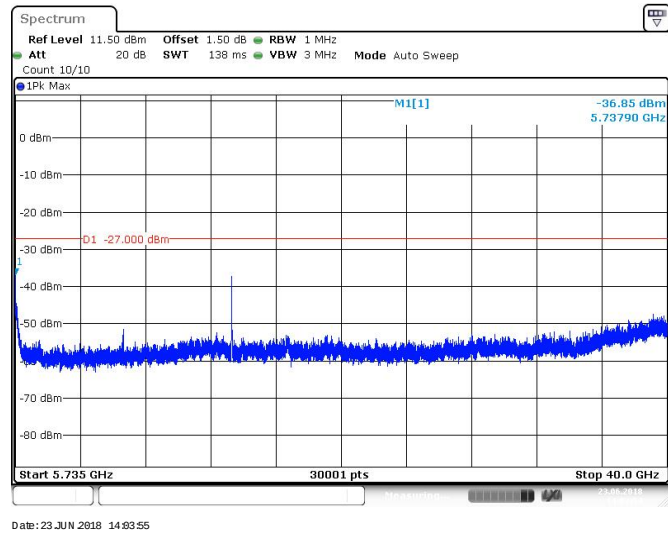


Date: 23 JUN 2018 14:00:13

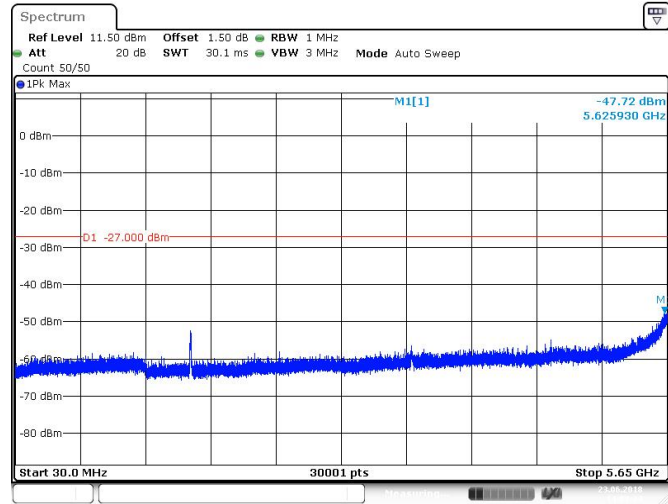
11a_Ant1_5700_30~5460



11a_Ant1_5700_5735~40000

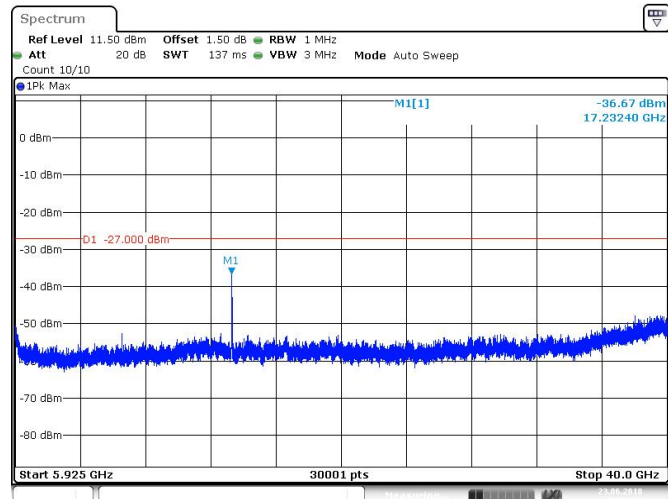


11a_Ant1_5745_30~5650



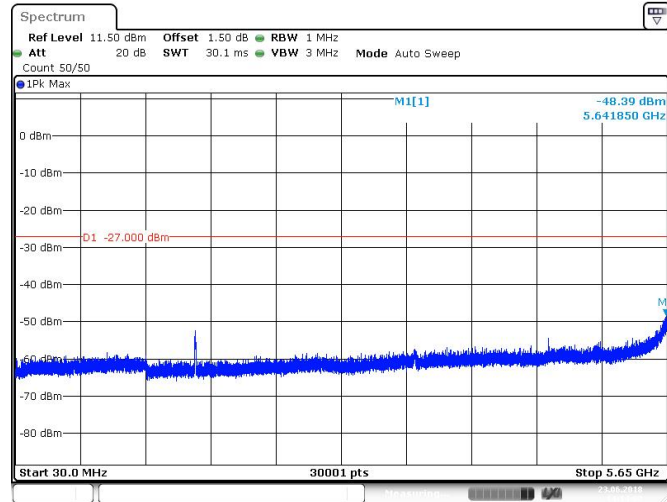
Date: 23 JUN 2018 14:09:24

11a_Ant1_5745_5925~40000



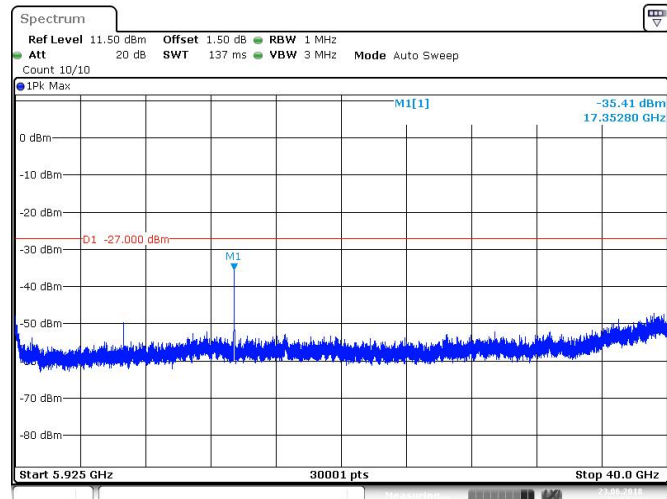
Date: 23 JUN 2018 14:09:32

11a_Ant1_5785_30~5650



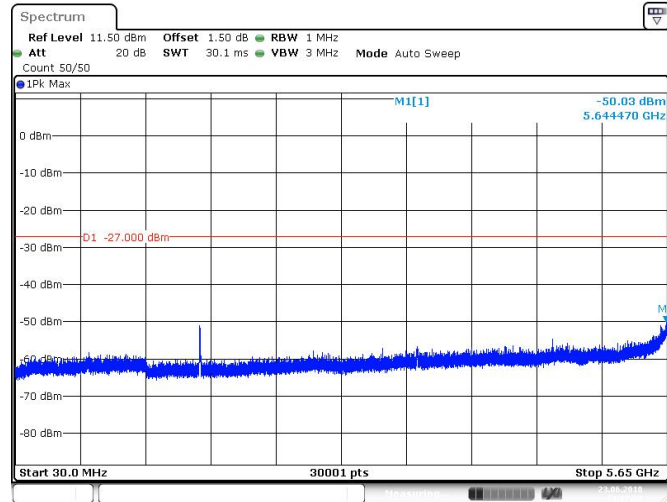
Date: 23 JUN 2018 14:14:03

11a_Ant1_5785_5925~40000



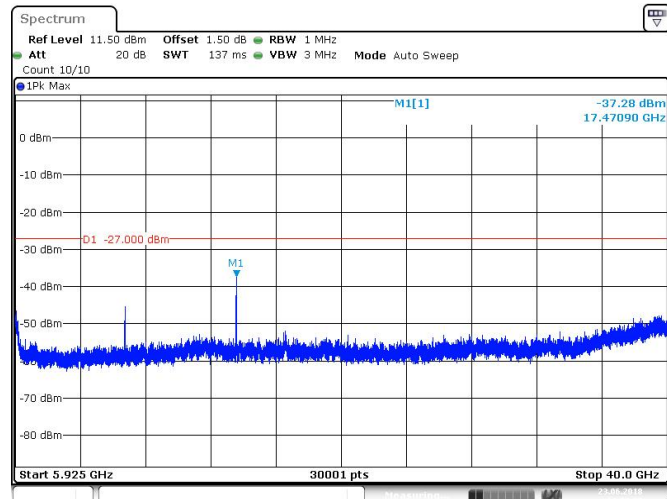
Date: 23 JUN 2018 14:14:11

11a_Ant1_5825_30~5650



Date: 23 JUN 2018 14:17:53

11a_Ant1_5825_5925~40000



Date: 23 JUN 2018 14:18:02

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

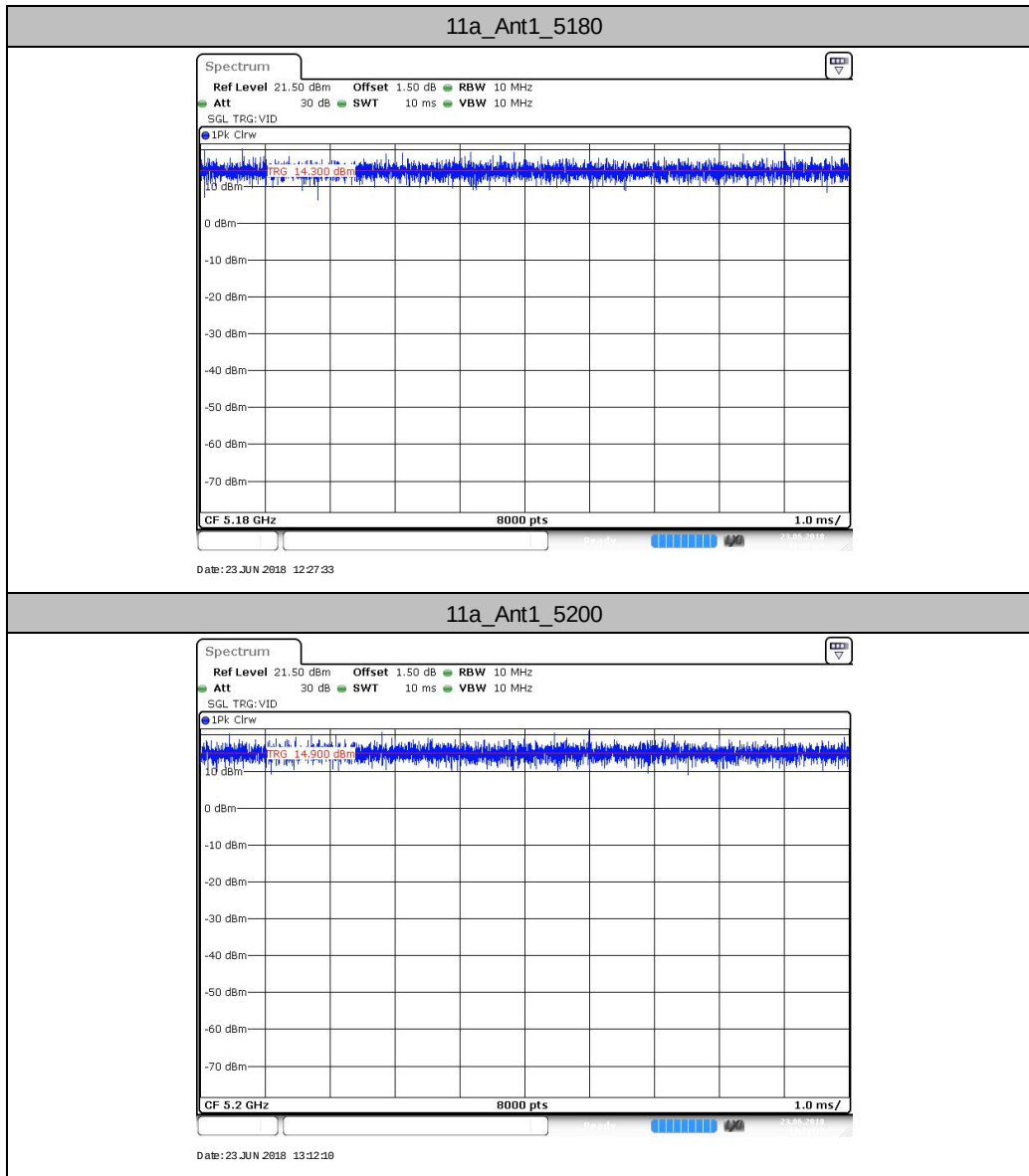
Temperature								
TestMod e	Antenn a	Channe l (MHz)	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11a	Ant1	5180	NV	-5	0	0	20	PASS
		5180	NV	50	0	0	20	PASS
		5200	NV	-5	-15000	-2.884615	20	PASS
		5200	NV	50	0	0	20	PASS
		5240	NV	-5	0	0	20	PASS
		5240	NV	50	-15000	-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

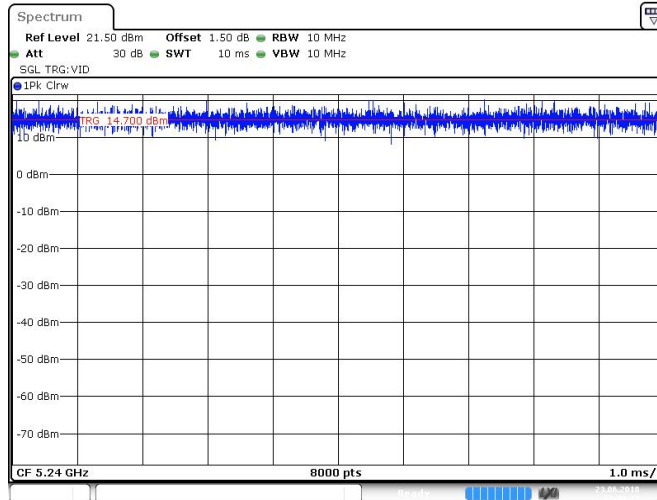
Test Result

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

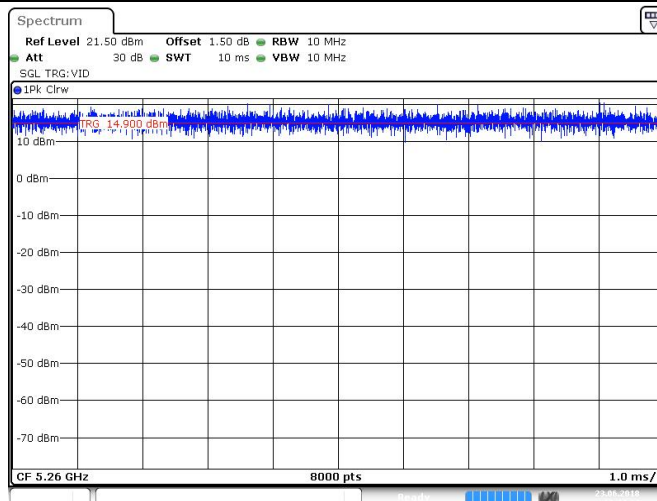


11a_Ant1_5240



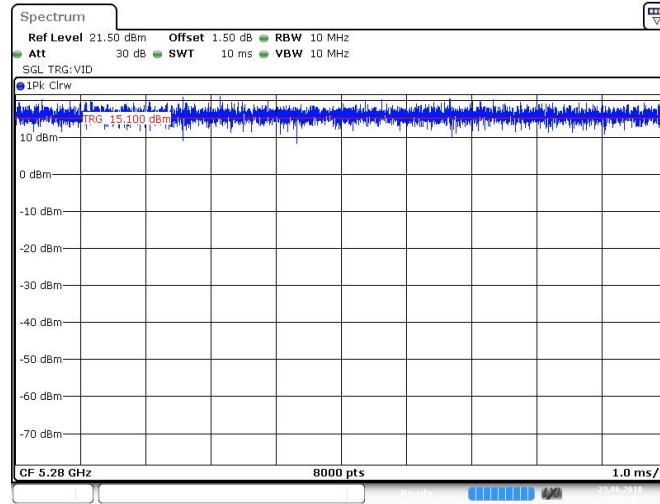
Date: 23 JUN 2018 13:40:32

11a_Ant1_5260

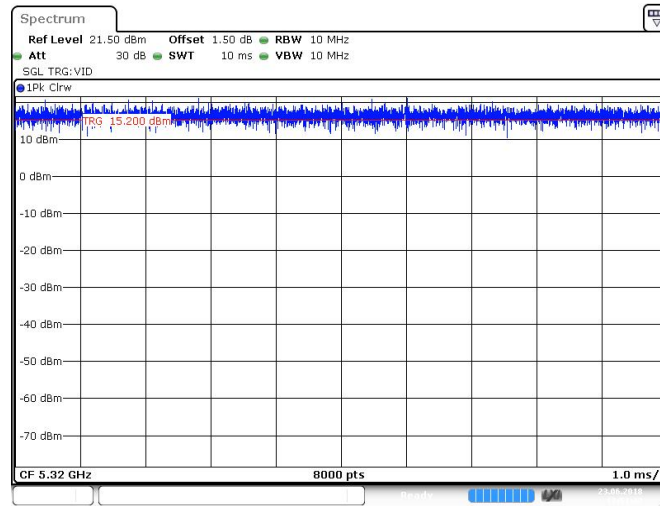


Date: 23 JUN 2018 13:44:14

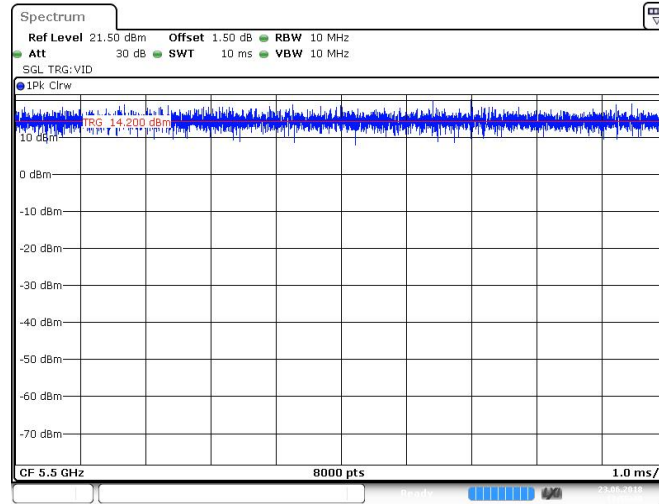
11a_Ant1_5280



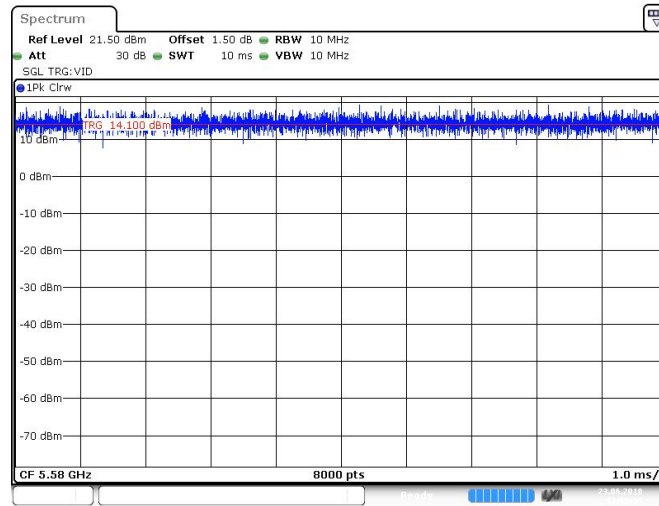
11a_Ant1_5320



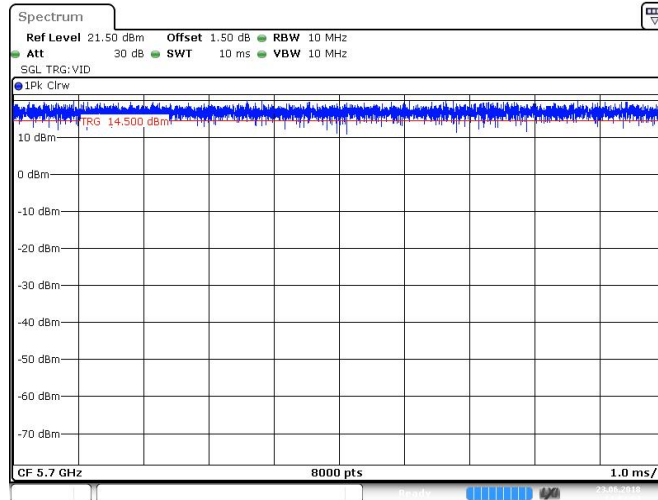
11a_Ant1_5500



11a_Ant1_5580

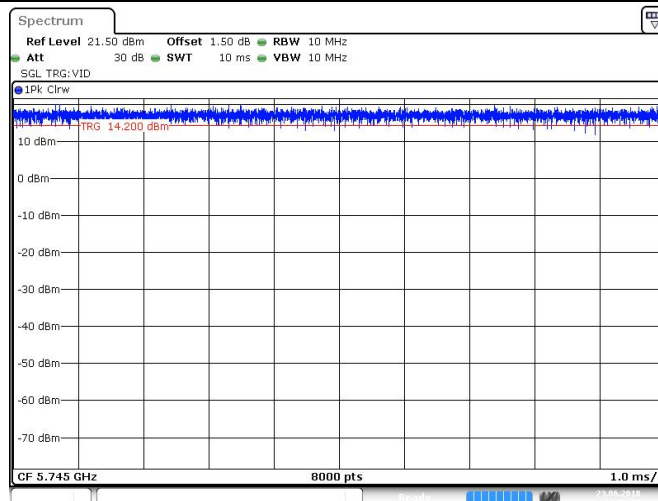


11a_Ant1_5700



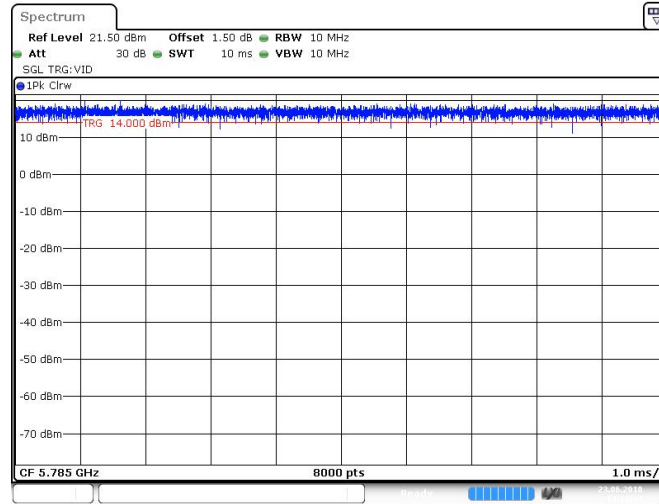
Date: 23 JUN 2018 14:03:04

11a_Ant1_5745



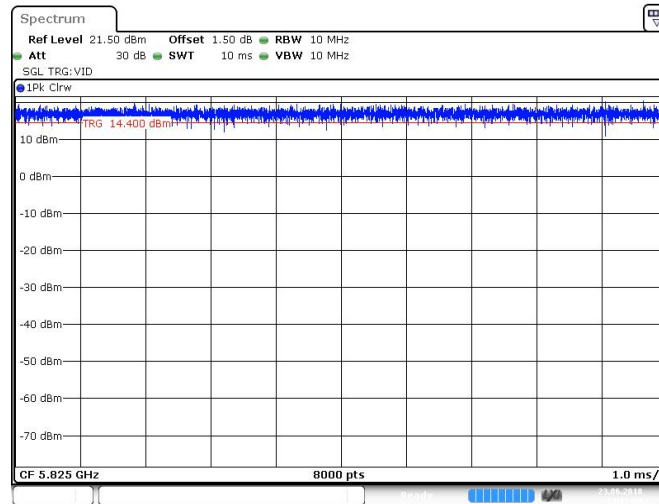
Date: 23 JUN 2018 14:08:40

11a_Ant1_5785



Date: 23 JUN 2018 14:13:34

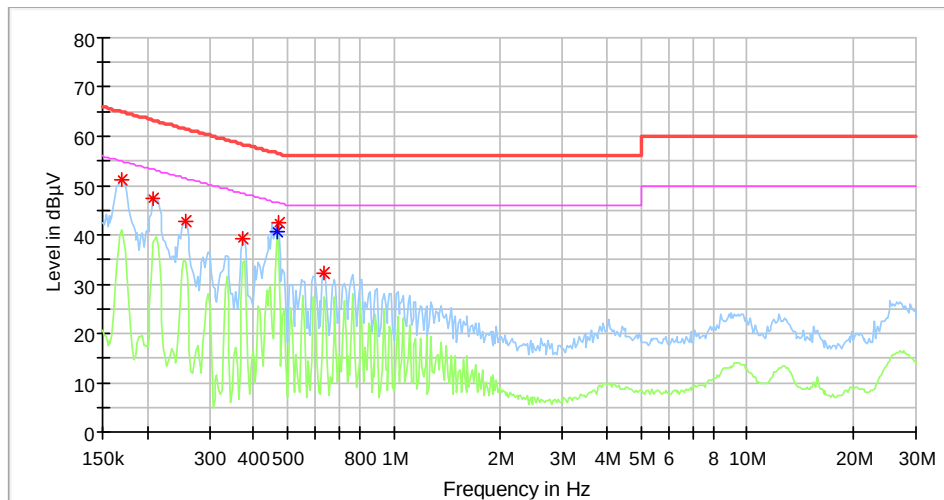
11a_Ant1_5825



Date: 23 JUN 2018 14:17:10

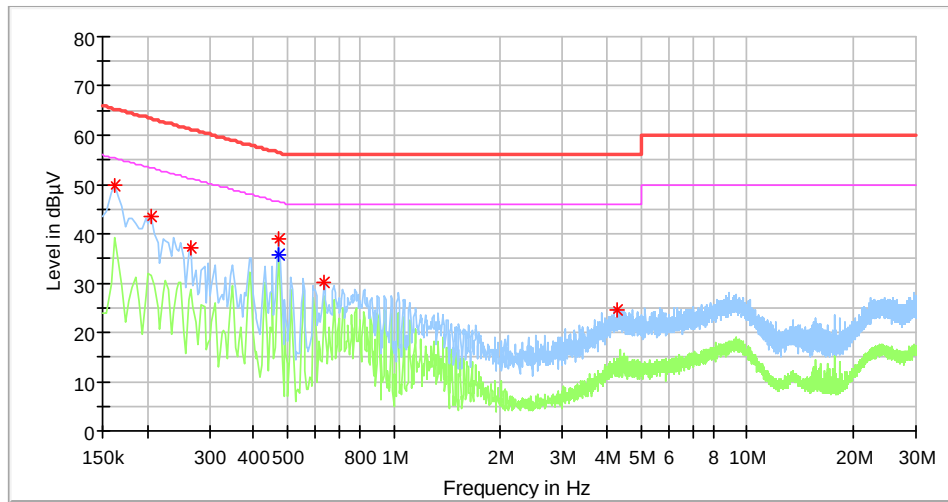
Appendix A10: Conducted Emission AC Power Port

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

