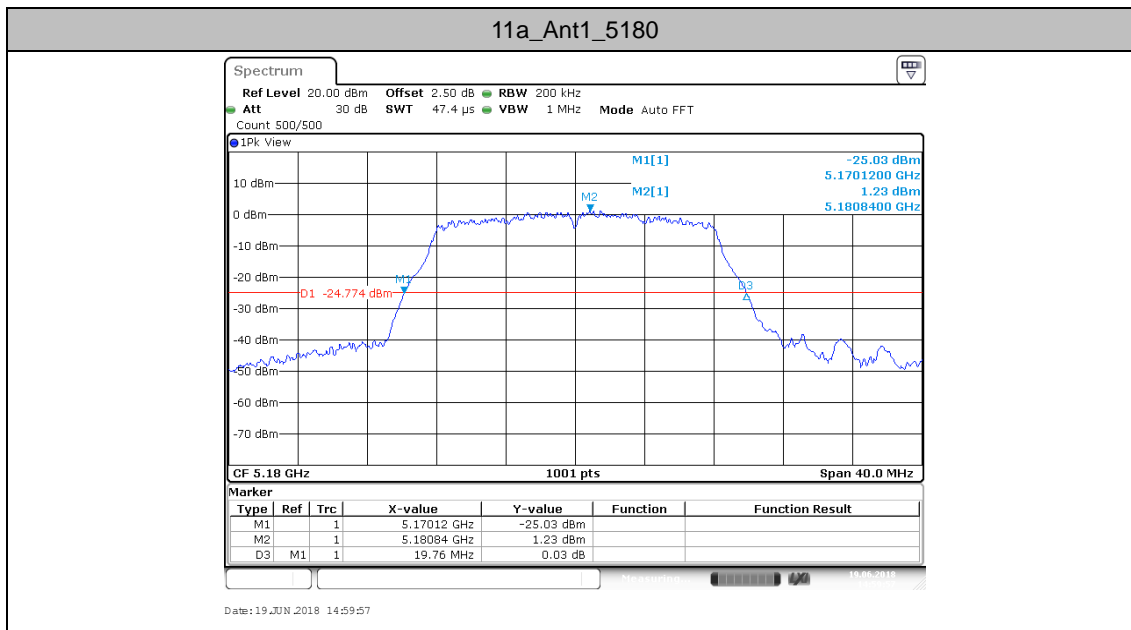


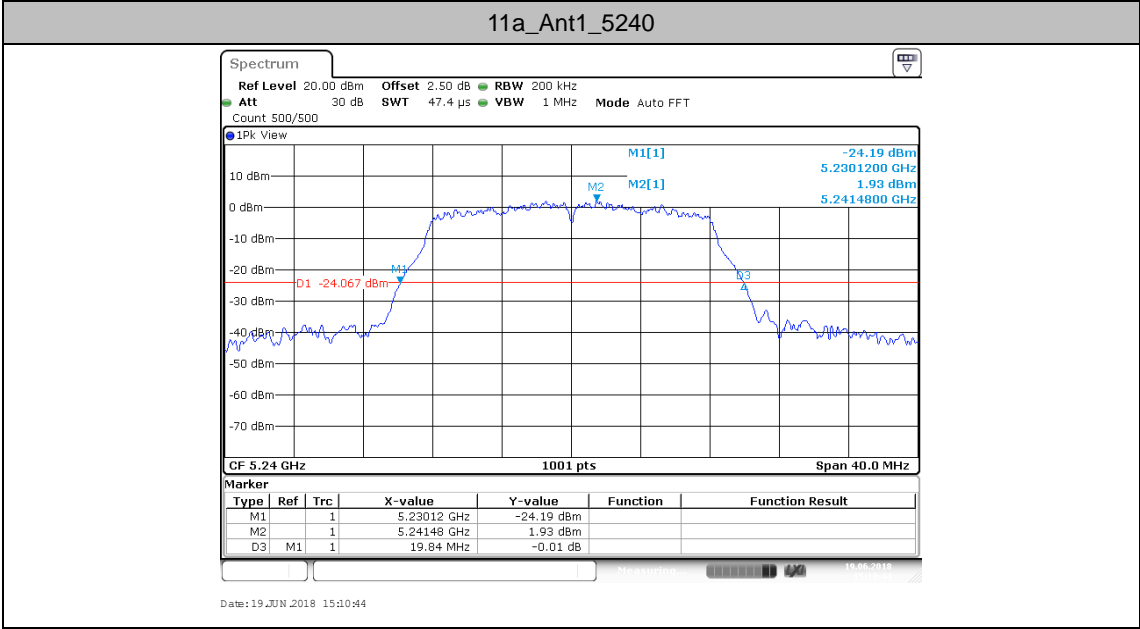
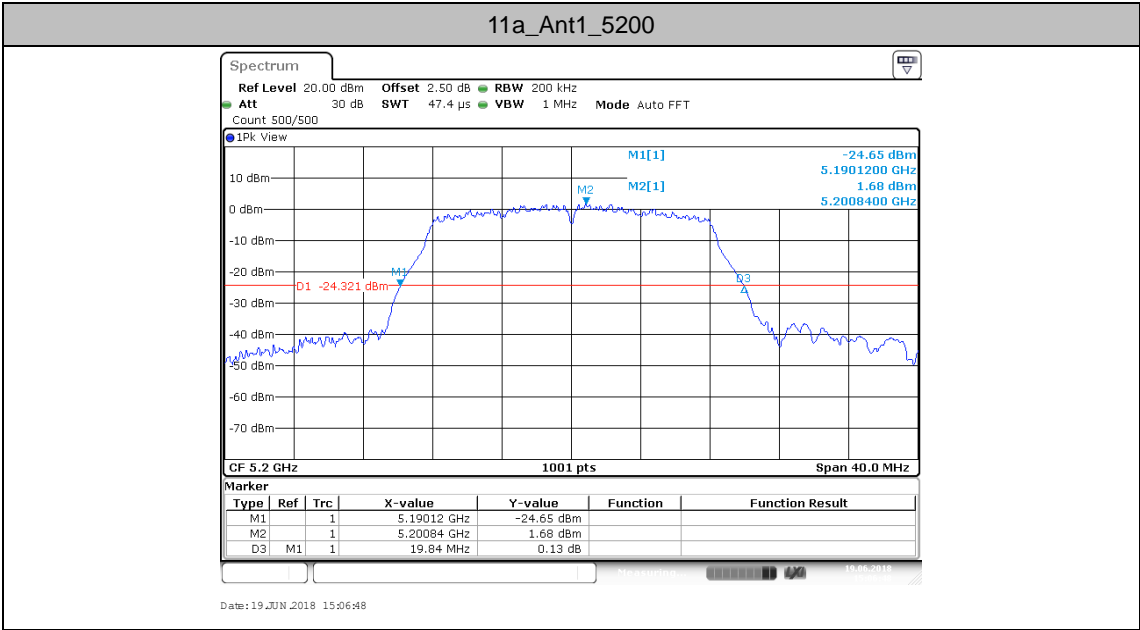
Appendix A1: Emission Bandwidth

Test Result

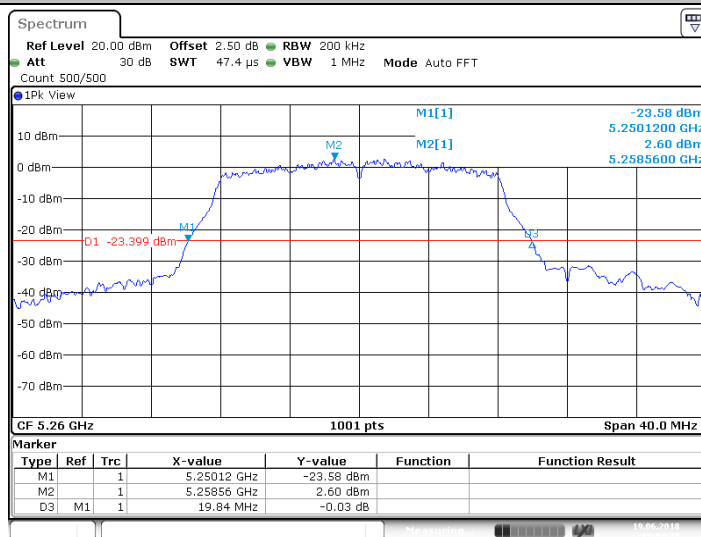
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5180	19.760	5170.120	5189.880	---	PASS
		5200	19.840	5190.120	5209.960	---	PASS
		5240	19.840	5230.120	5249.960	---	PASS
		5260	19.840	5250.120	5269.960	---	PASS
		5280	20.080	5270.000	5290.080	---	PASS
		5320	20.240	5310.080	5330.320	---	PASS
		5500	19.920	5490.080	5510.000	---	PASS
		5580	20.200	5570.040	5590.240	---	PASS
		5700	20.080	5690.000	5710.080	---	PASS
		5720	20.440	5709.600	5730.040	---	PASS
		5745	20.000	5734.960	5754.960	---	PASS
		5785	19.880	5775.120	5795.000	---	PASS
		5825	20.240	5814.680	5834.920	---	PASS

Test Graphs



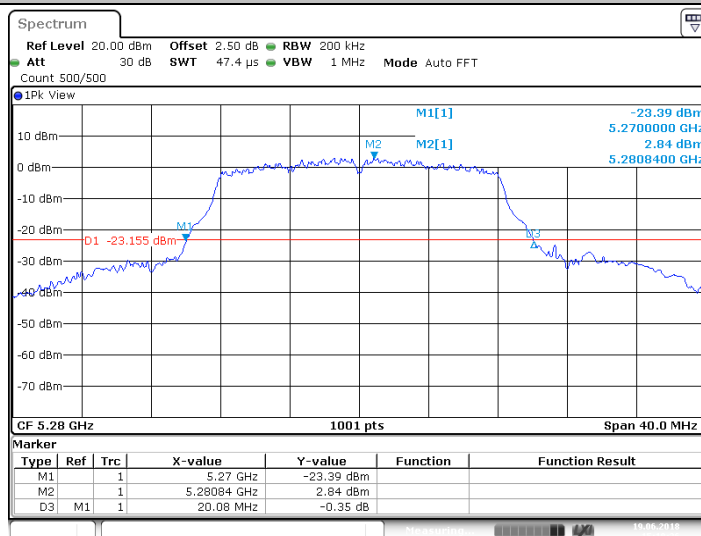


11a_Ant1_5260



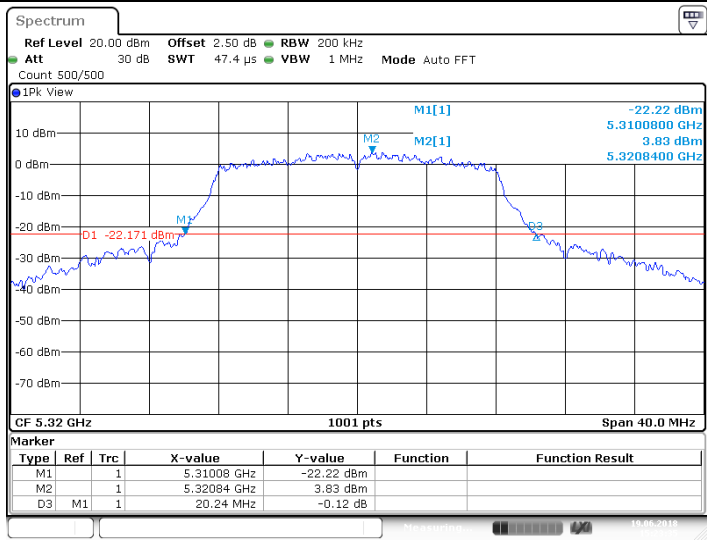
Date: 19 JUN 2018 15:14:27

11a_Ant1_5280



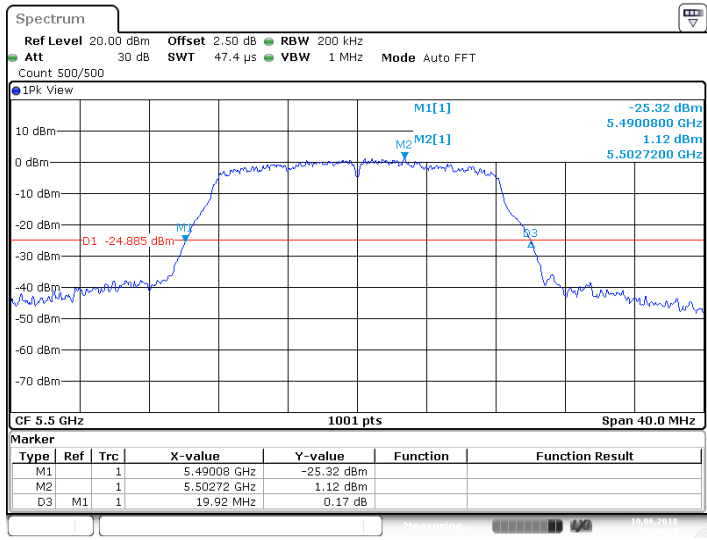
Date: 19 JUN 2018 15:18:37

11a_Ant1_5320



Date: 19 JUN 2018 15:23:36

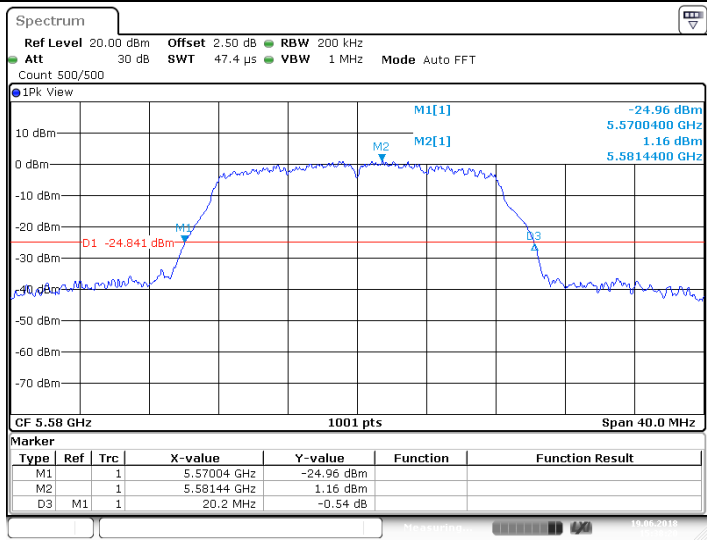
11a_Ant1_5500



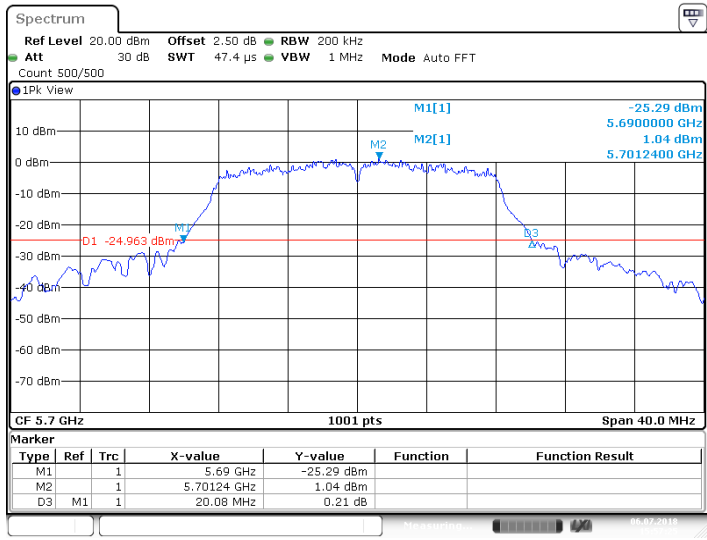
Date: 19 JUN 2018 15:30:13



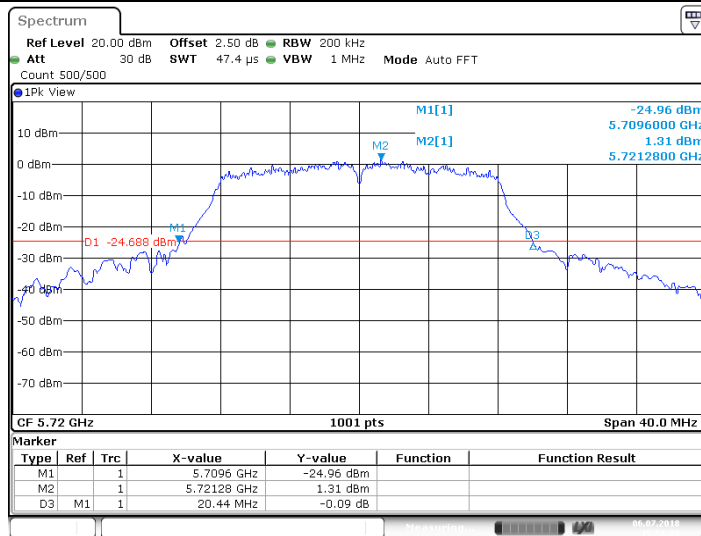
11a_Ant1_5580



11a_Ant1_5700

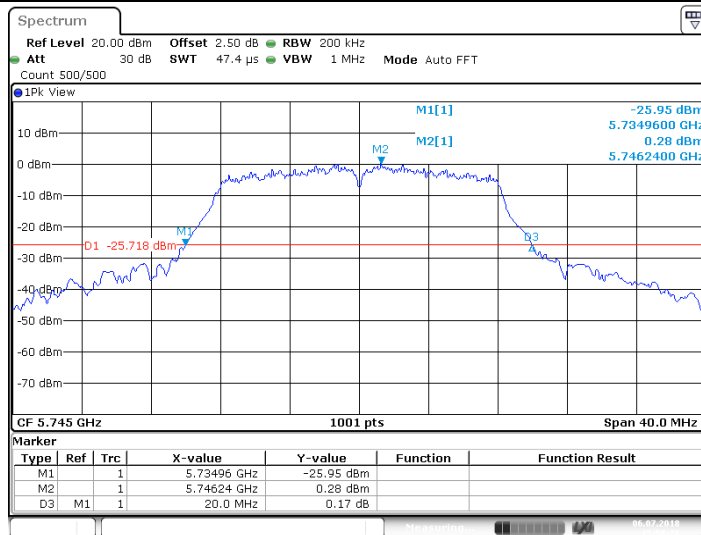


11a_Ant1_5720



Date: 6.JUL.2018 15:58:01

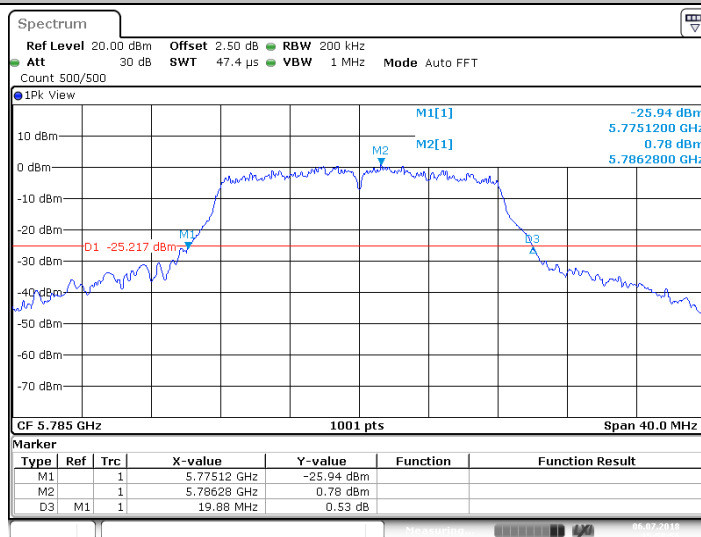
11a_Ant1_5745



Date: 6.JUL.2018 15:58:29

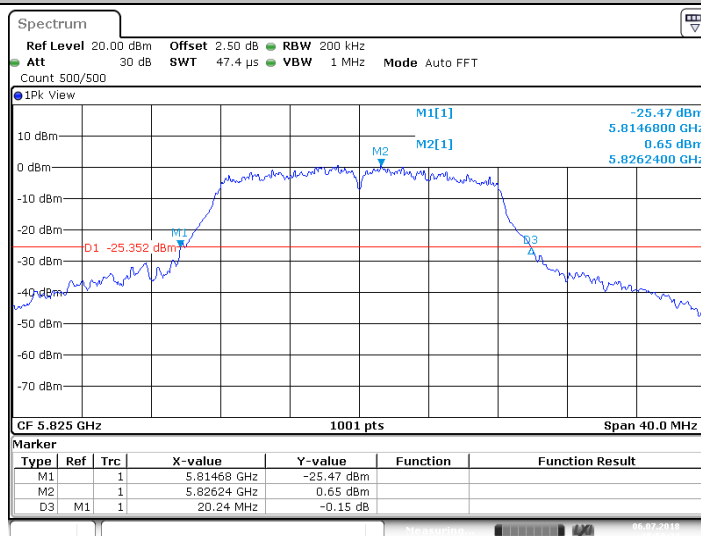


11a_Ant1_5785



Date: 6.JUL.2018 15:58:56

11a_Ant1_5825



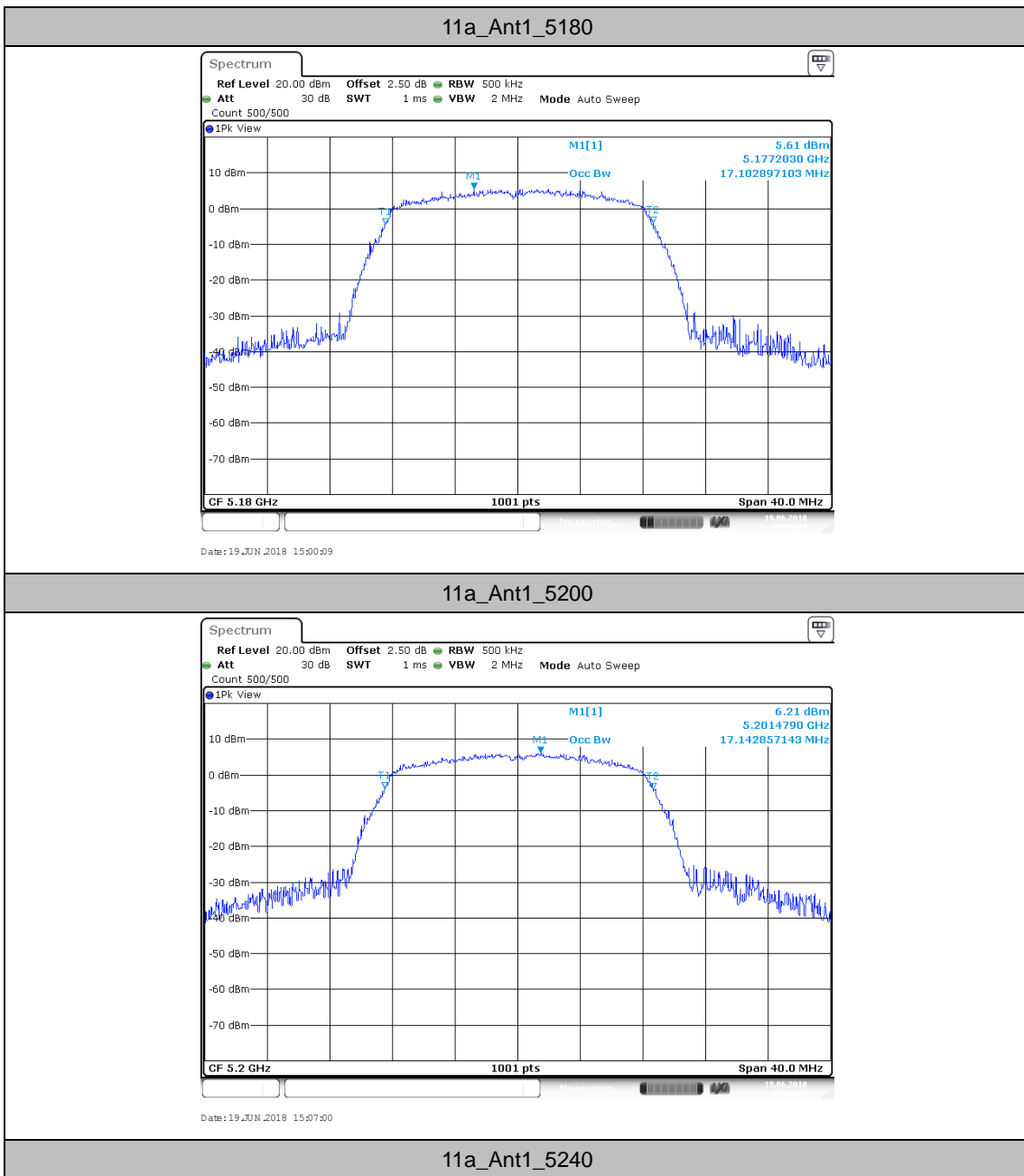
Date: 6.JUL.2018 15:59:25

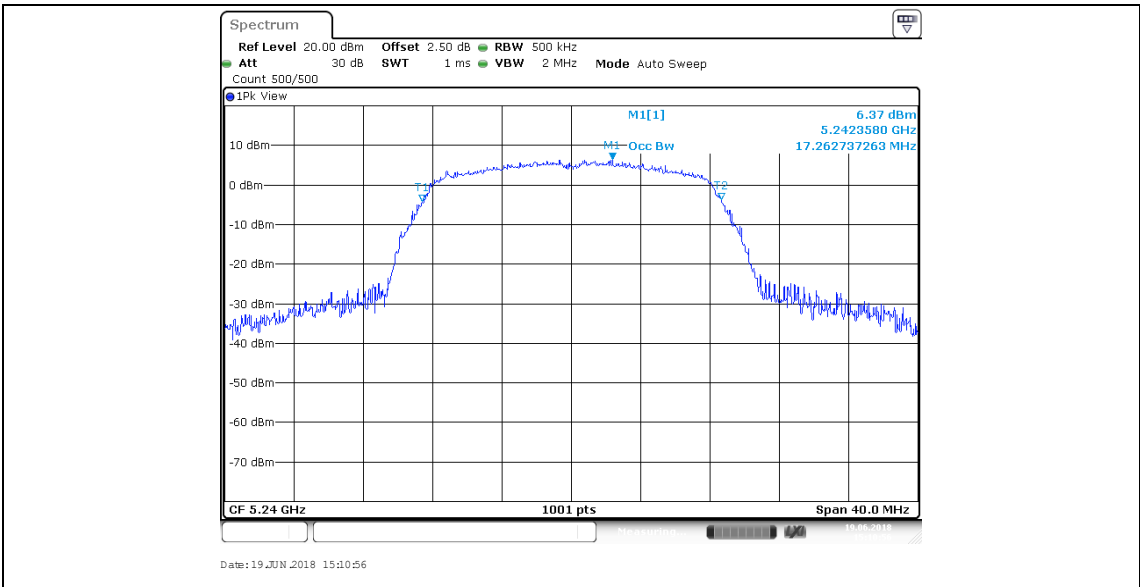
AppendixA2: Occupied channel bandwidth

Test Result

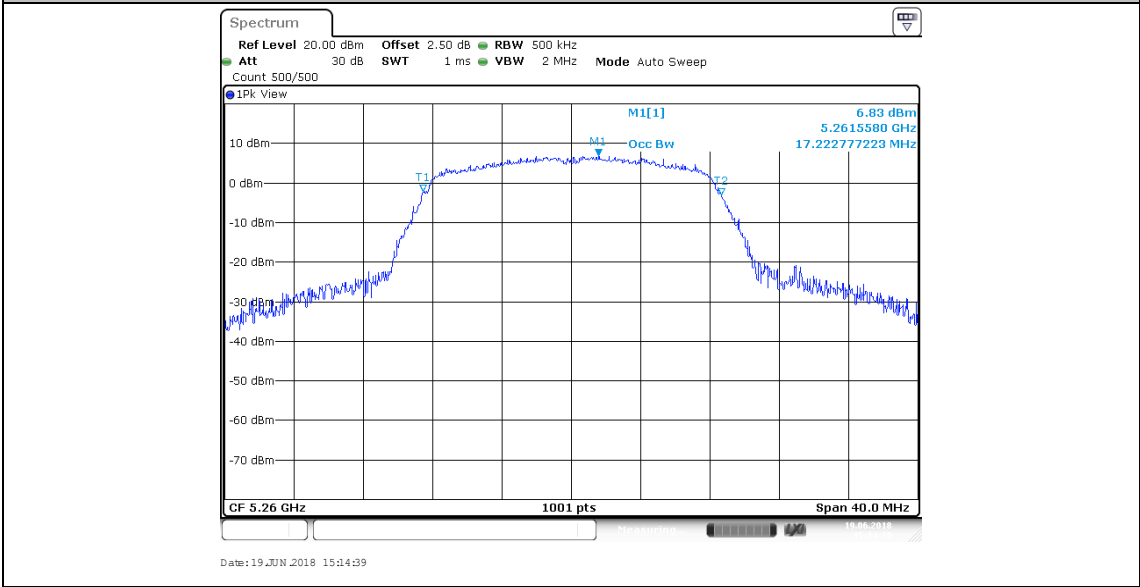
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5180	17.103	0.000	0.000	---	PASS
		5200	17.143	0.000	0.000	---	PASS
		5240	17.263	0.000	0.000	---	PASS
		5260	17.223	0.000	0.000	---	PASS
		5280	17.303	0.000	0.000	---	PASS
		5320	17.423	0.000	0.000	---	PASS
		5500	17.183	0.000	0.000	---	PASS
		5580	17.183	0.000	0.000	---	PASS
		5700	22.258	0.000	0.000	---	PASS
		5720	21.059	0.000	0.000	---	PASS
		5745	21.339	0.000	0.000	---	PASS
		5785	21.019	0.000	0.000	---	PASS
		5825	18.342	0.000	0.000	---	PASS

Test Graphs

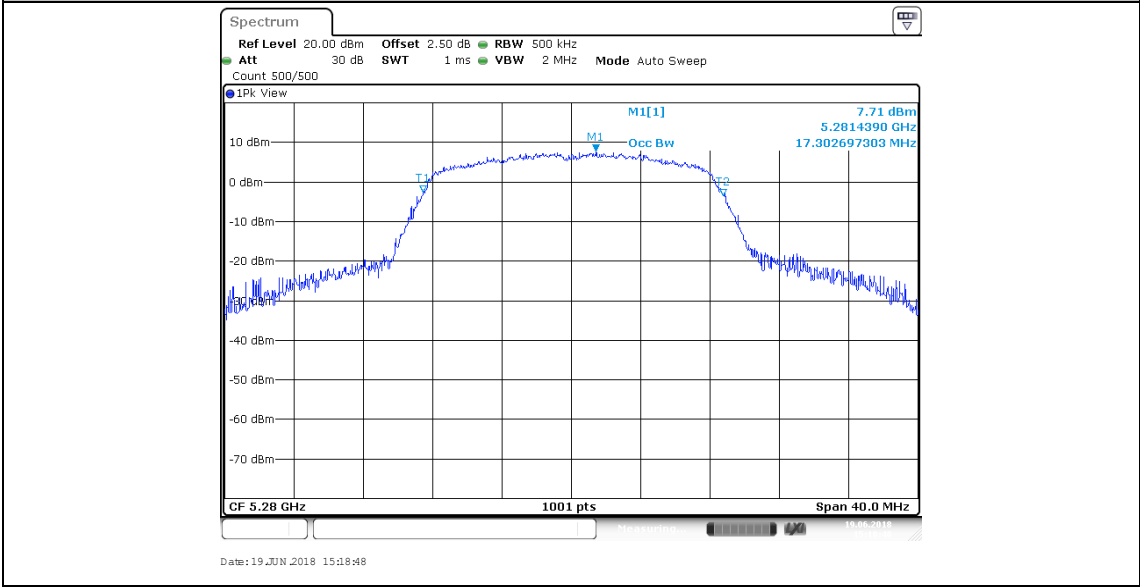




11a_Ant1_5260

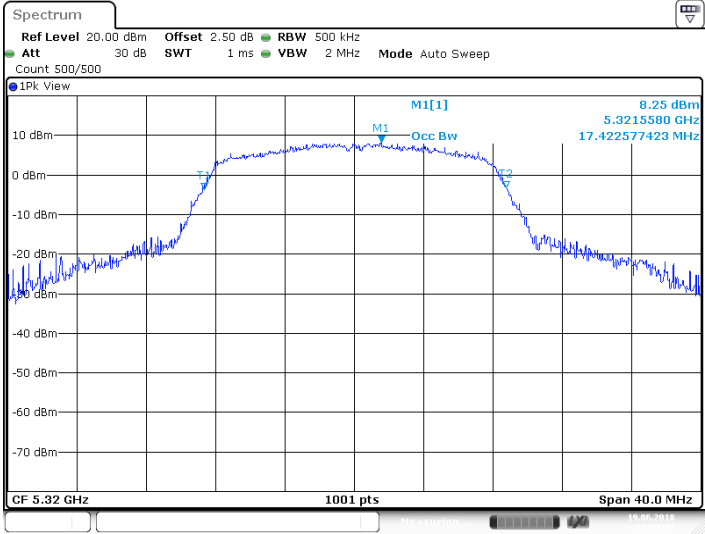


11a_Ant1_5280

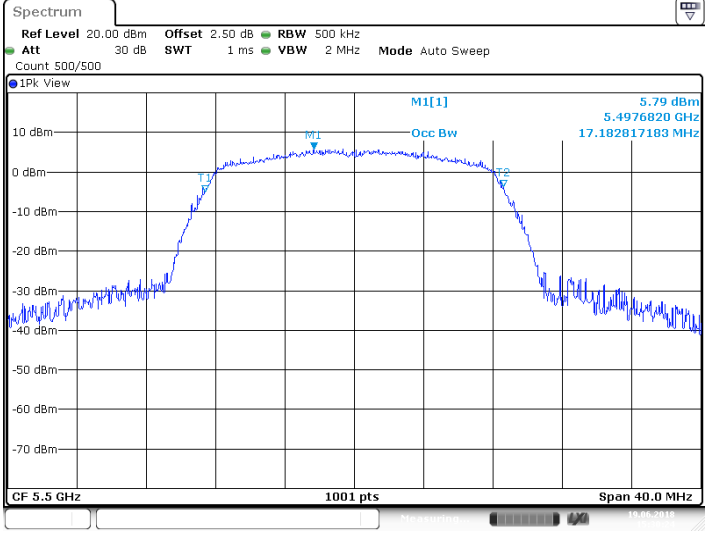




11a_Ant1_5320

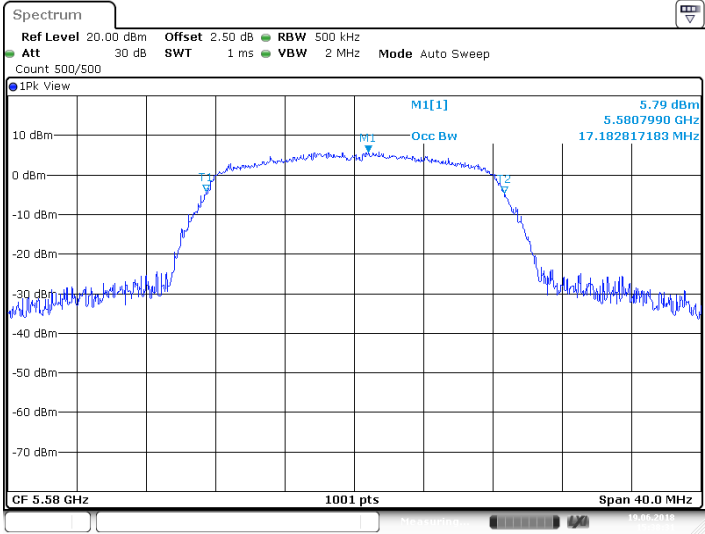


11a_Ant1_5500

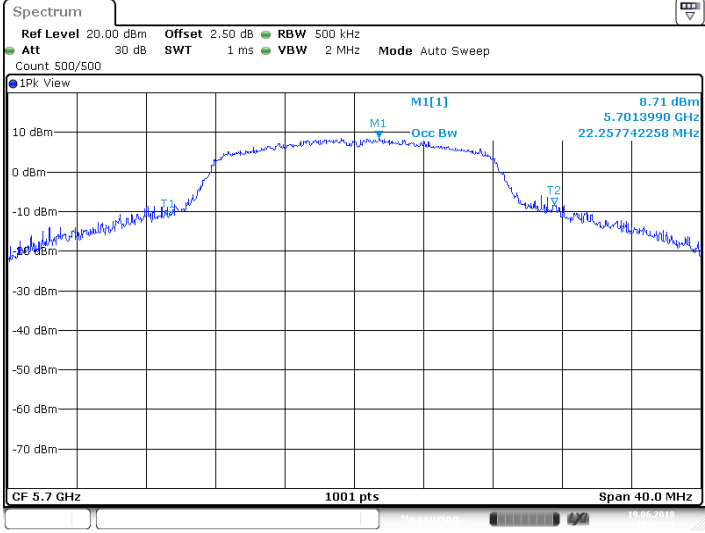




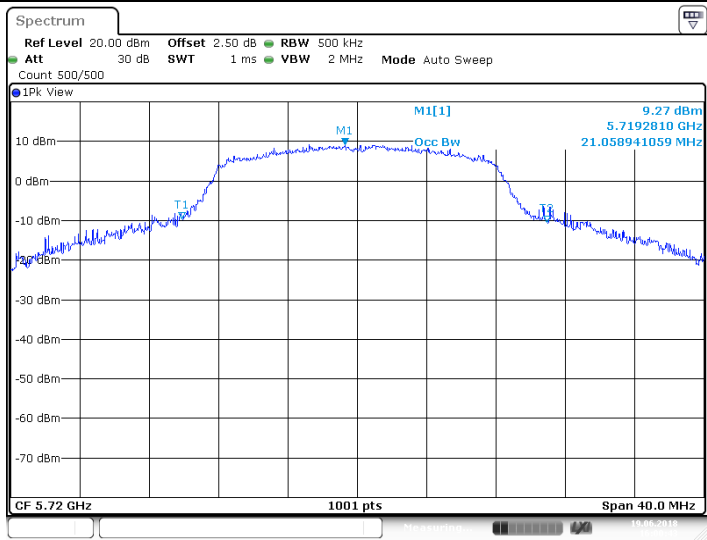
11a_Ant1_5580



11a_Ant1_5700

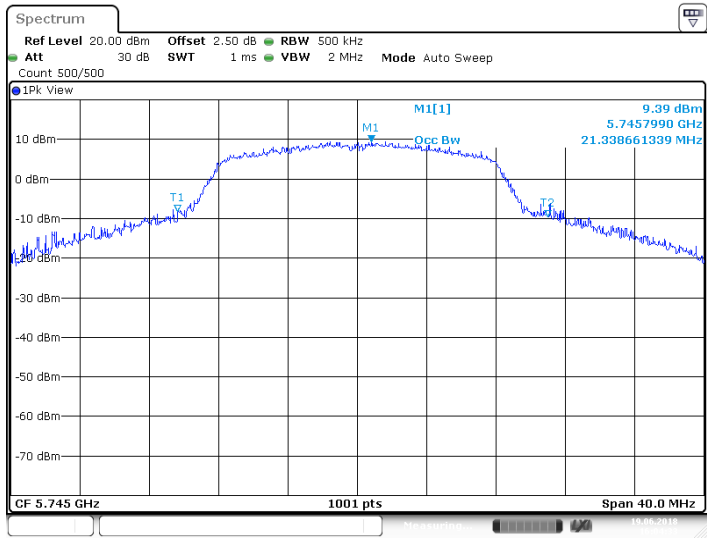


11a_Ant1_5720



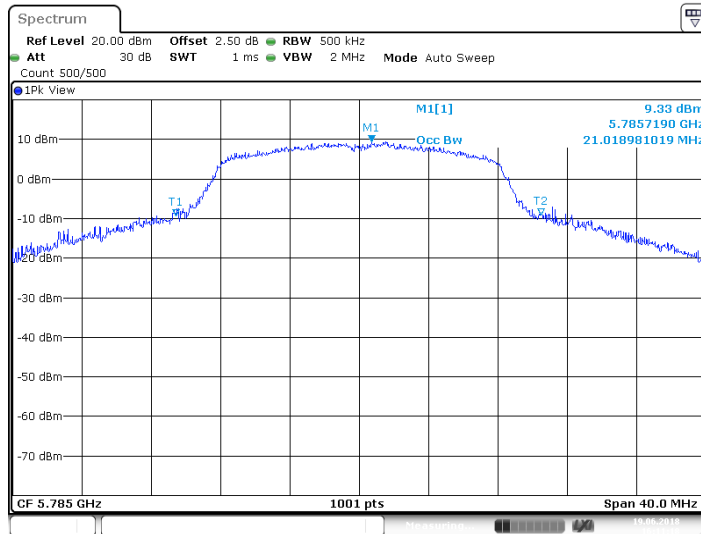
Date: 19 JUN 2018 16:00:44

11a_Ant1_5745



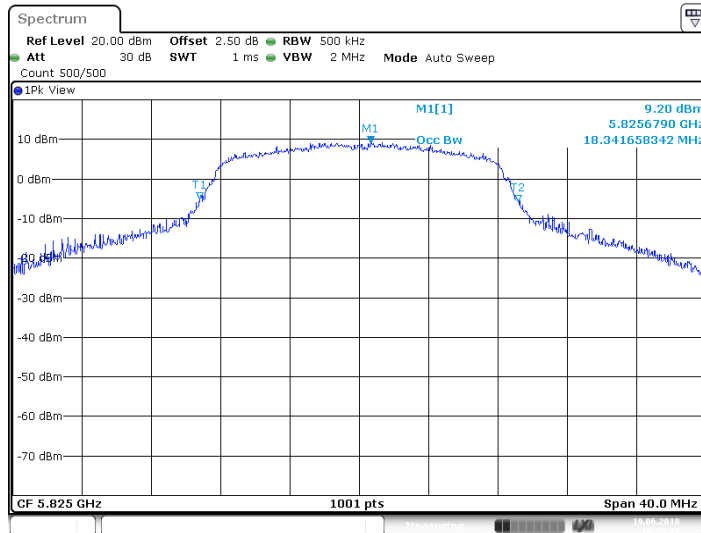
Date: 19 JUN 2018 16:04:34

11a_Ant1_5785



Date: 19 JUN 2018 16:11:18

11a_Ant1_5825



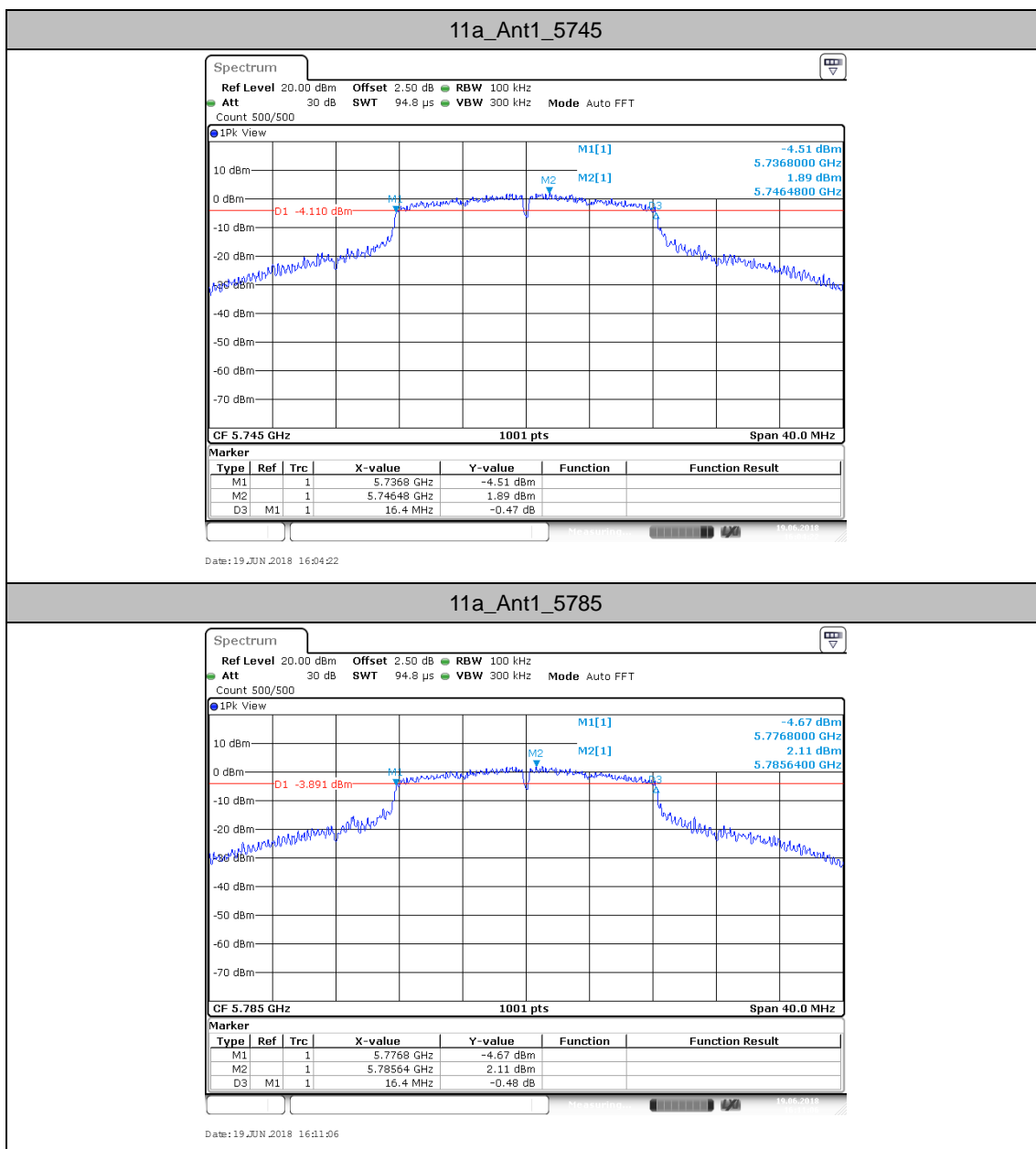
Date: 19 JUN 2018 16:15:09

Appendix A3: Min emission bandwidth

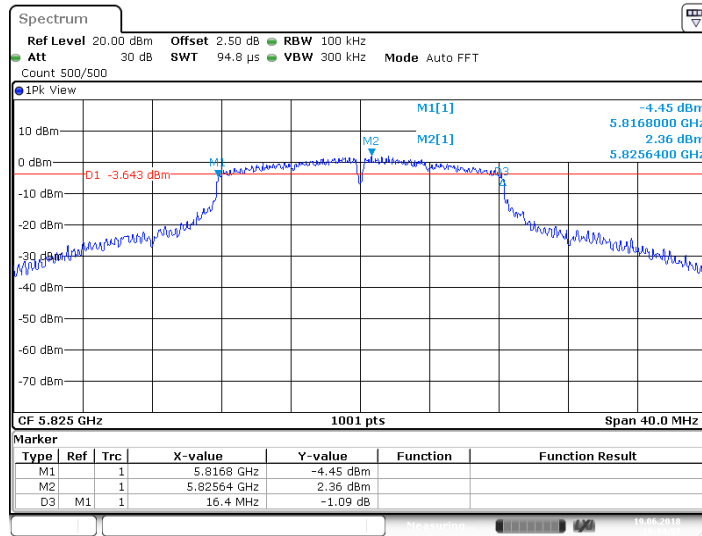
Test Result

TestMode	Antenna	Channel	6db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11a	Ant1	5745	16.400	5736.800	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



11a_Ant1_5825



Date: 19 JUN 2018 16:14:58

AppendixA4: Maximum conducted output power

Test Result

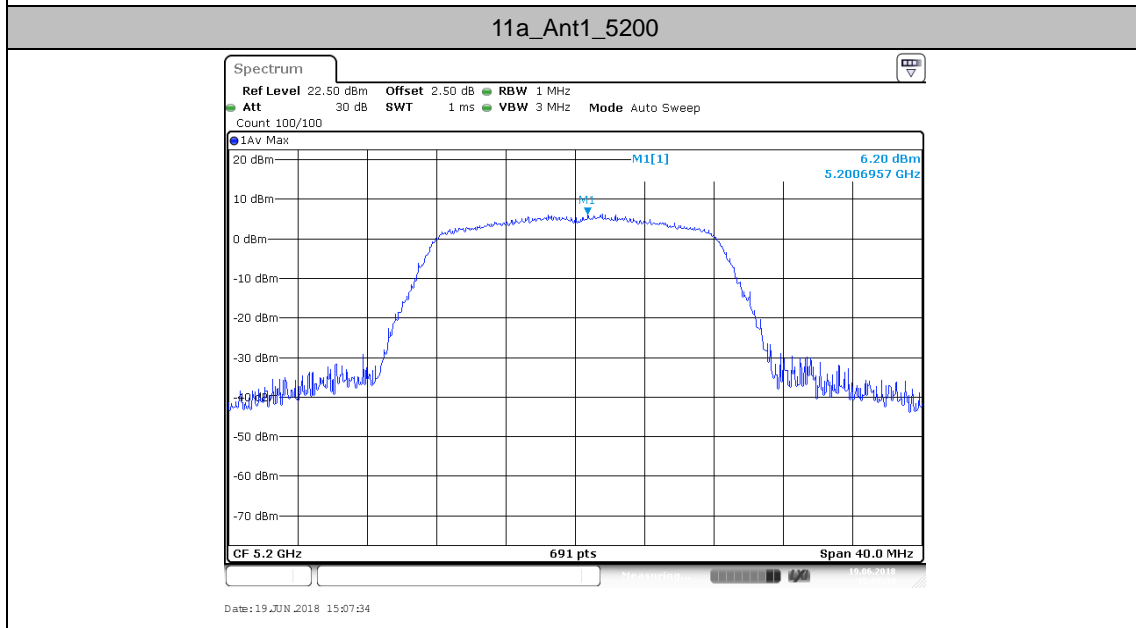
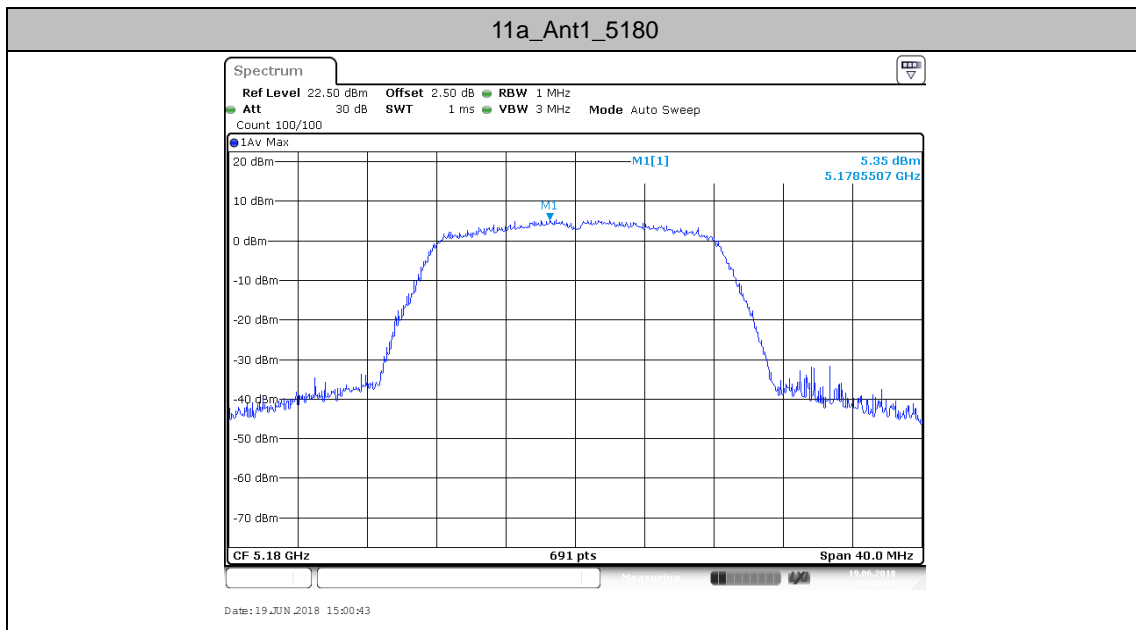
TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	5180	14.51	23.98	PASS
		5200	14.43	23.98	PASS
		5240	14.57	23.98	PASS
		5260	14.20	23.98	PASS
		5280	14.51	23.98	PASS
		5320	14.35	23.98	PASS
		5500	14.45	23.98	PASS
		5580	14.51	23.98	PASS
		5700	14.62	23.98	PASS
		5720	14.10	23.98	PASS
		5745	14.55	30	PASS
		5785	13.91	30	PASS
		5825	14.11	30	PASS

AppendixA5: Maximum power spectral density

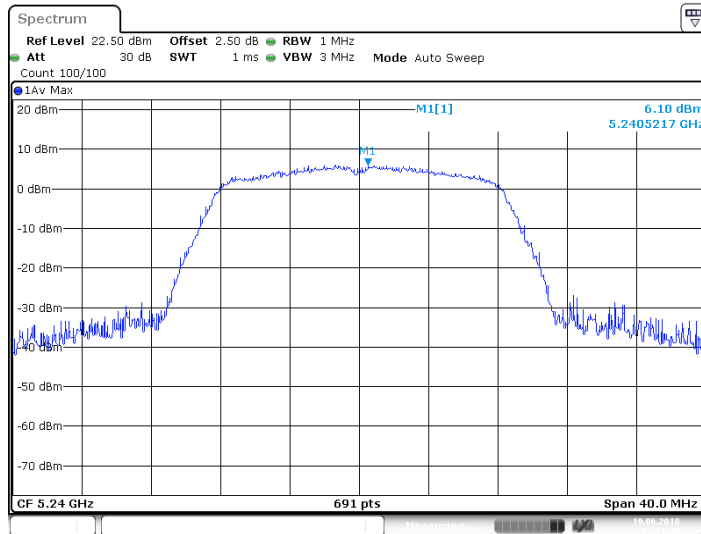
Test Result

TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	5180	5.35	11	PASS
		5200	6.20	11	PASS
		5240	6.10	11	PASS
		5260	6.50	11	PASS
		5280	7.43	11	PASS
		5320	8.02	11	PASS
		5500	5.85	11	PASS
		5580	5.78	11	PASS
		5700	8.75	11	PASS
		5745	7.91	30	PASS
		5785	7.82	30	PASS
		5825	7.74	30	PASS

Test Graphs

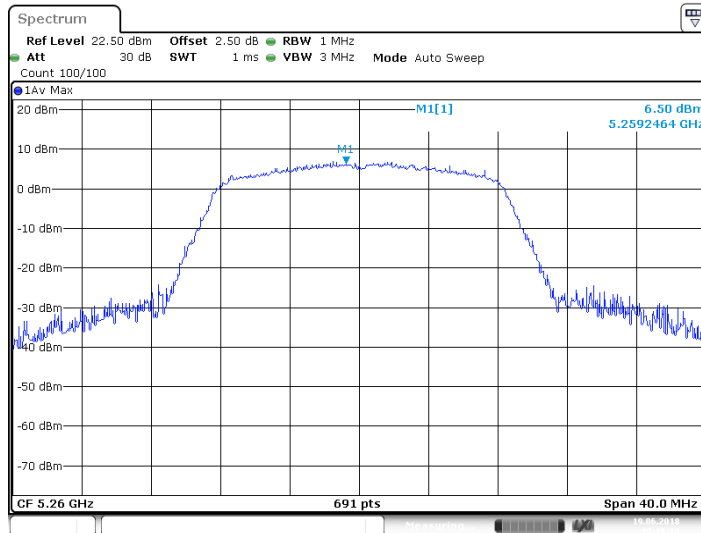


11a_Ant1_5240



Date: 19 JUN 2018 15:11:30

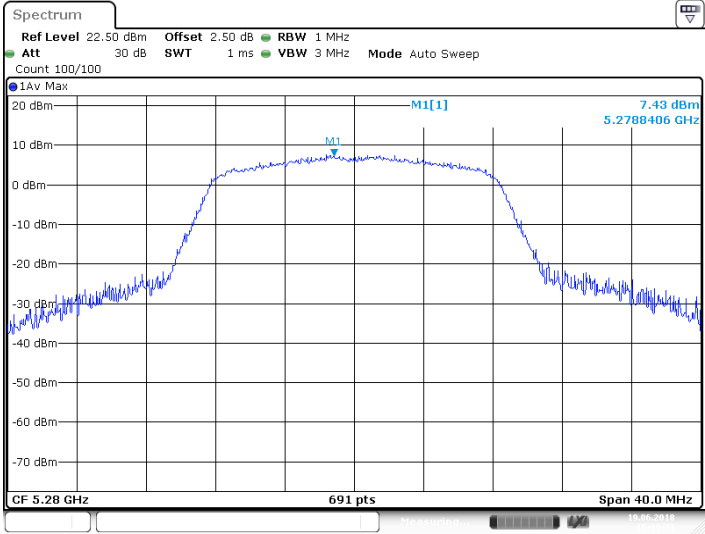
11a_Ant1_5260



Date: 19 JUN 2018 15:15:14

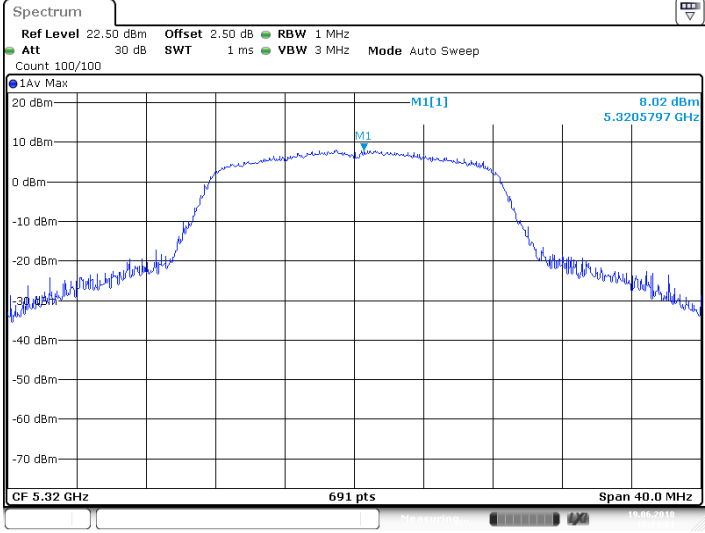


11a_Ant1_5280



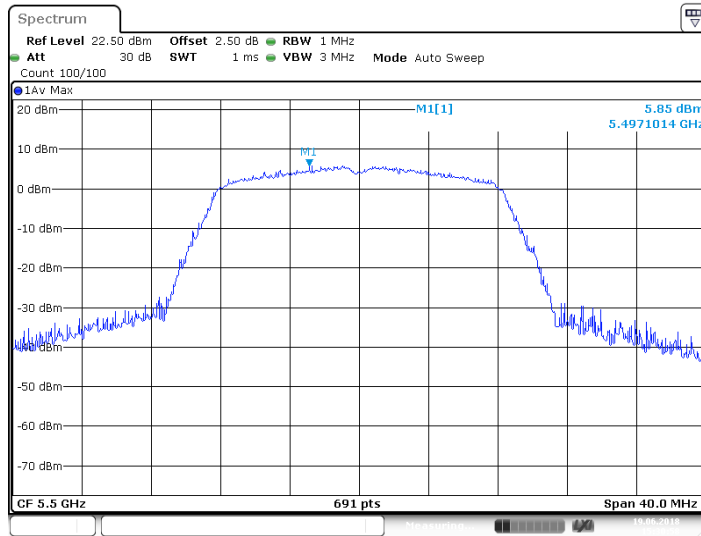
Date: 19 JUN 2018 15:19:23

11a_Ant1_5320



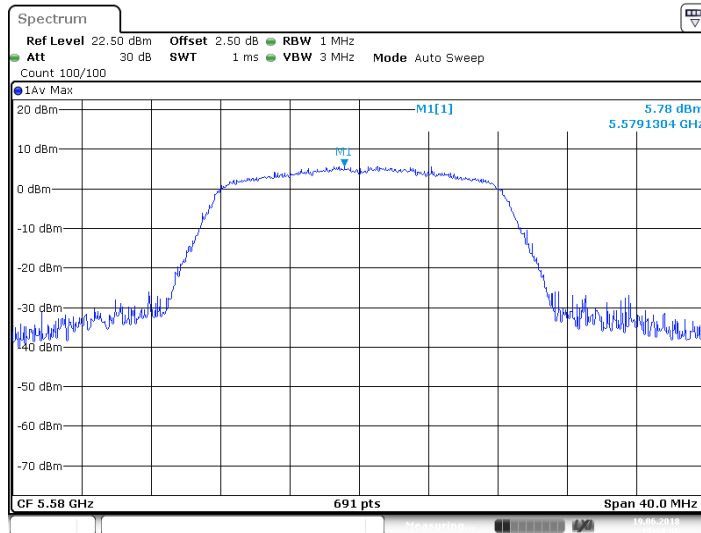
Date: 19 JUN 2018 15:24:22

11a_Ant1_5500



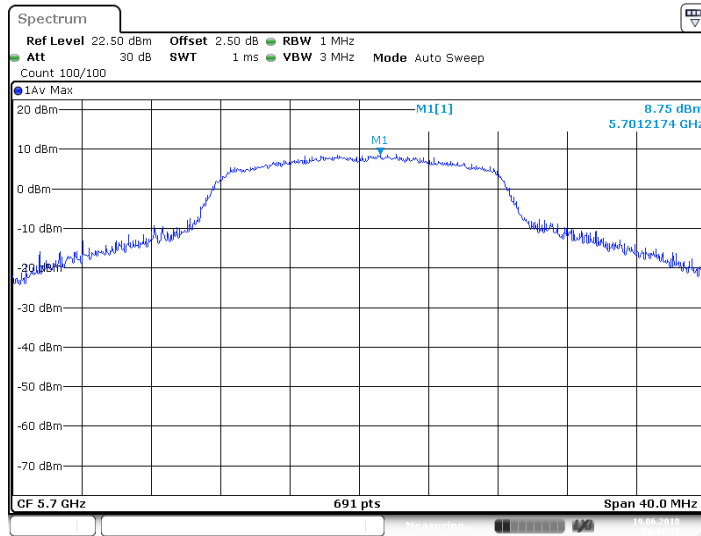
Date: 19 JUN 2018 15:30:59

11a_Ant1_5580



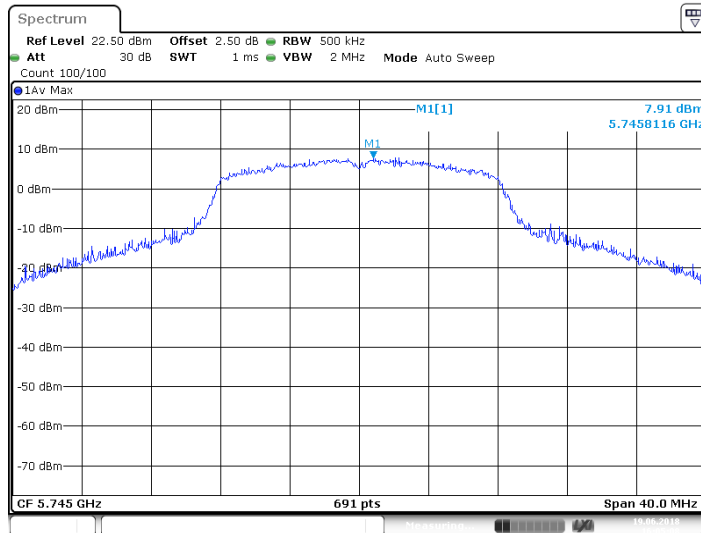
Date: 19 JUN 2018 15:39:06

11a_Ant1_5700



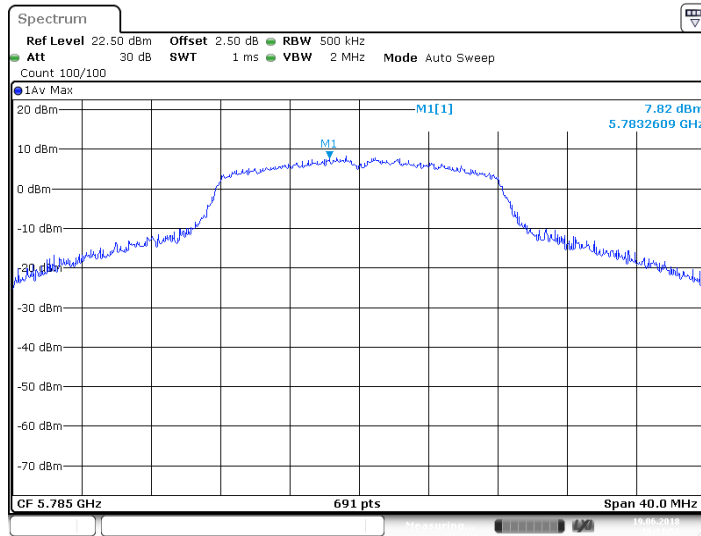
Date: 19 JUN 2018 15:42:38

11a_Ant1_5745



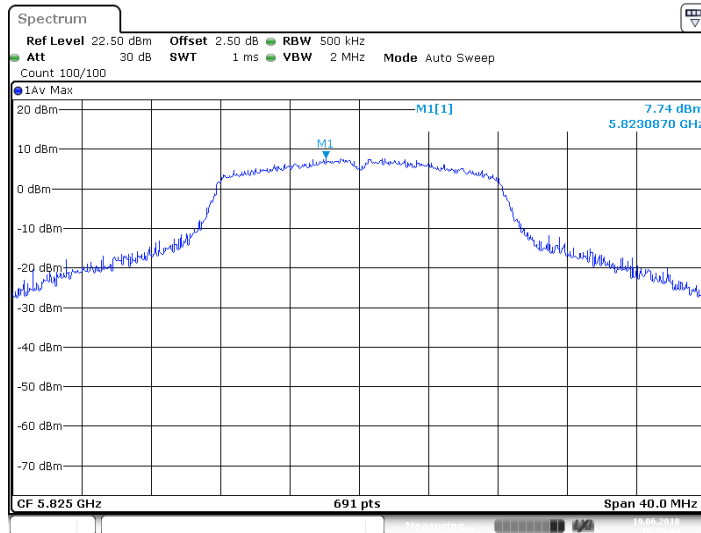
Date: 19 JUN 2018 16:05:09

11a_Ant1_5785



Date: 19 JUN 2018 16:11:52

11a_Ant1_5825



Date: 19 JUN 2018 16:15:44

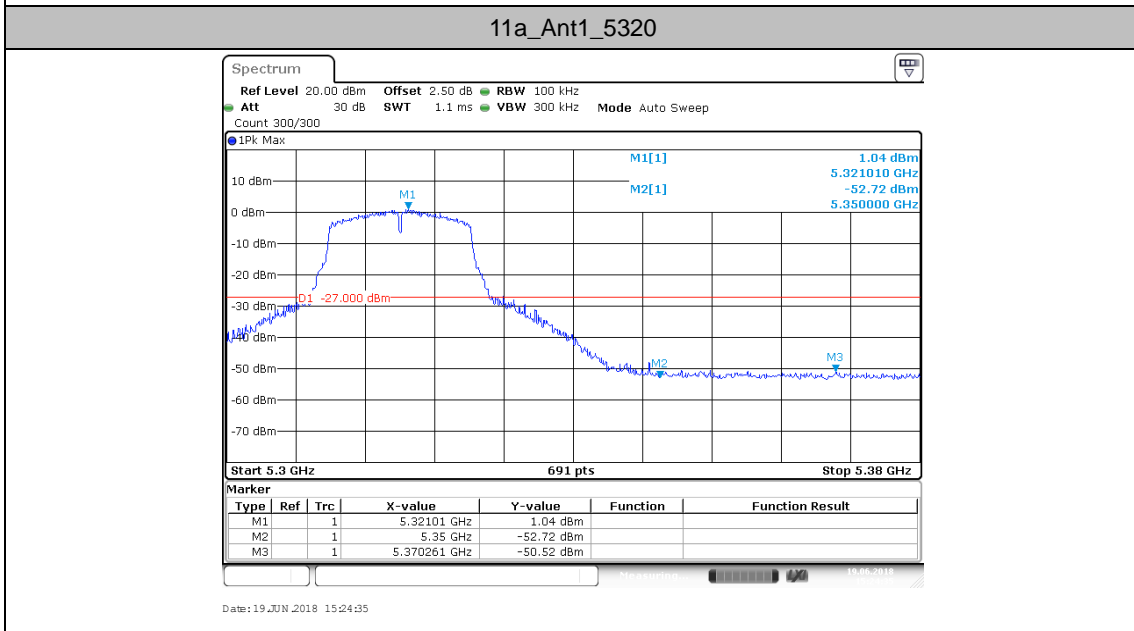
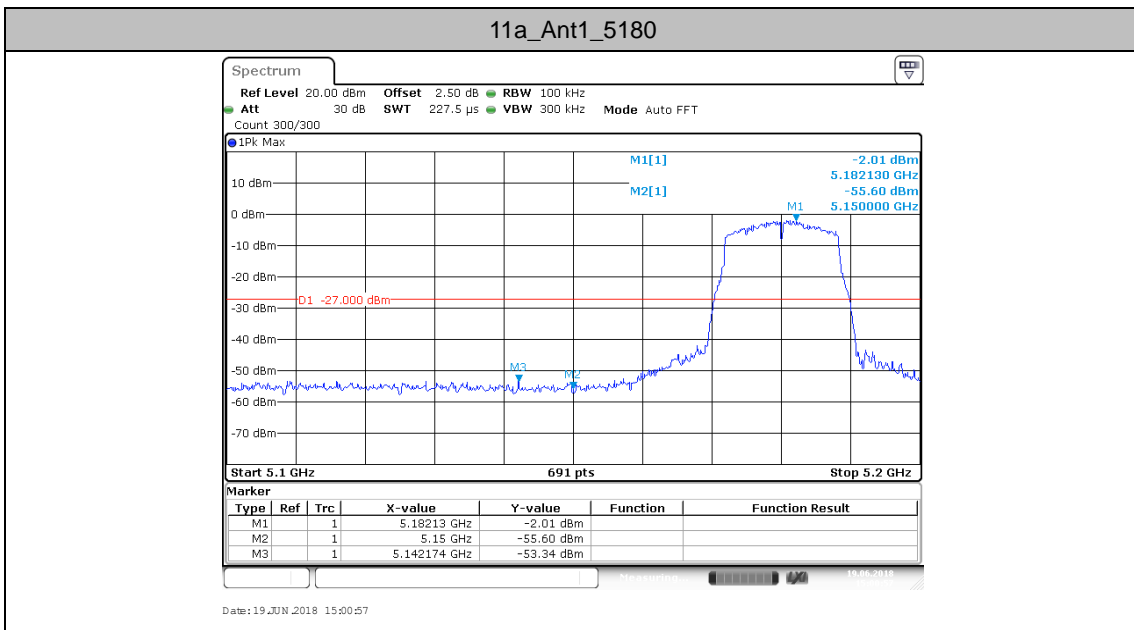
AppendixA6: Band edge measurements

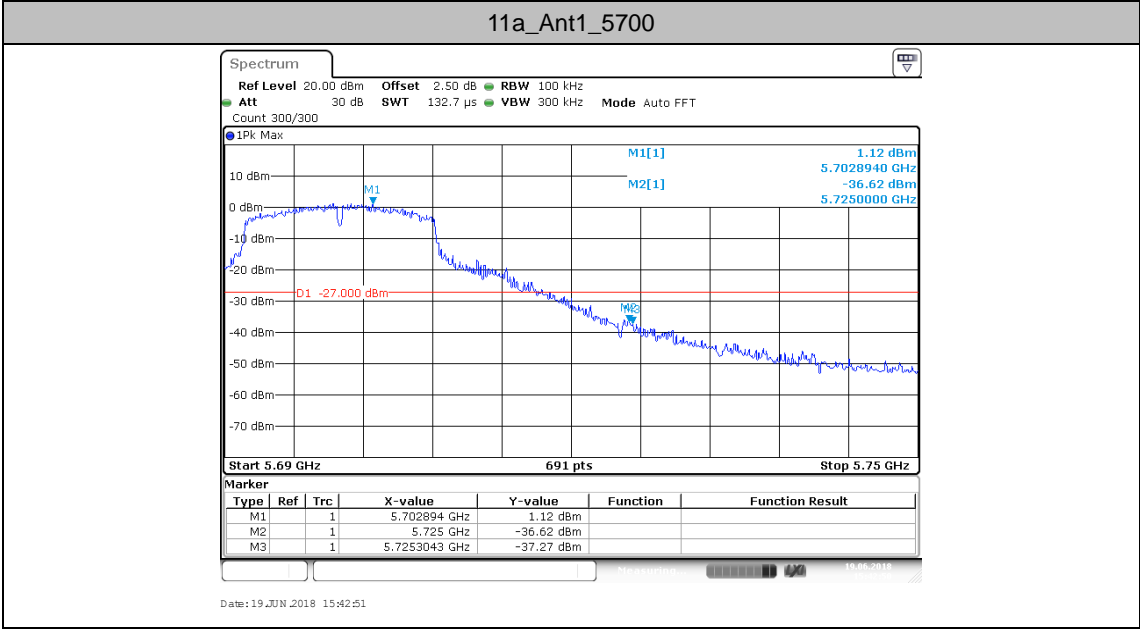
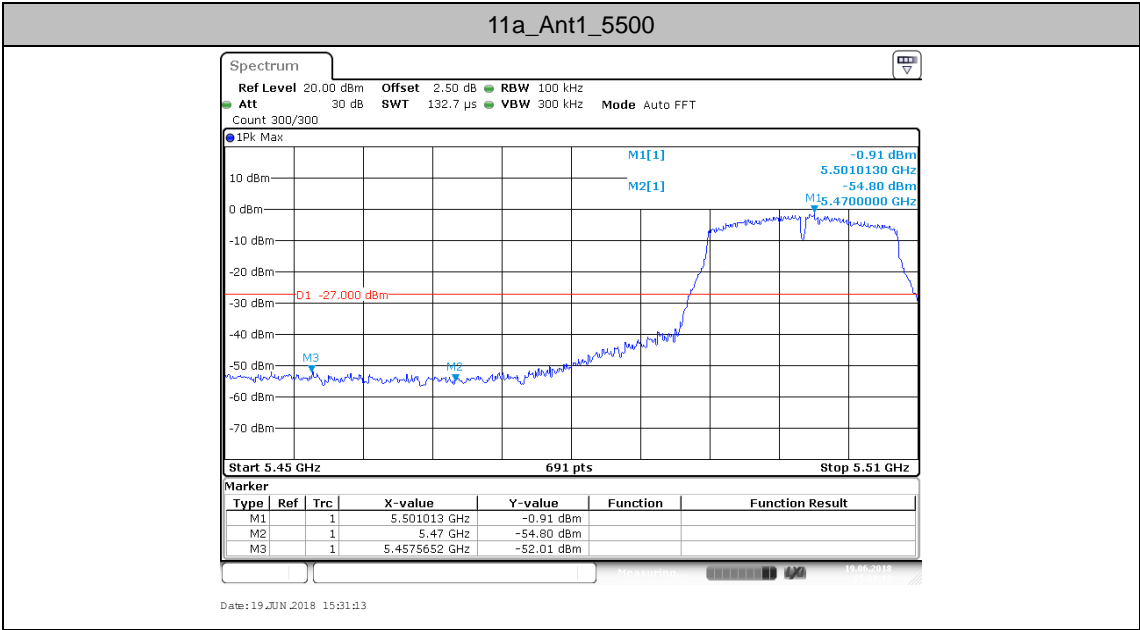
Test Result

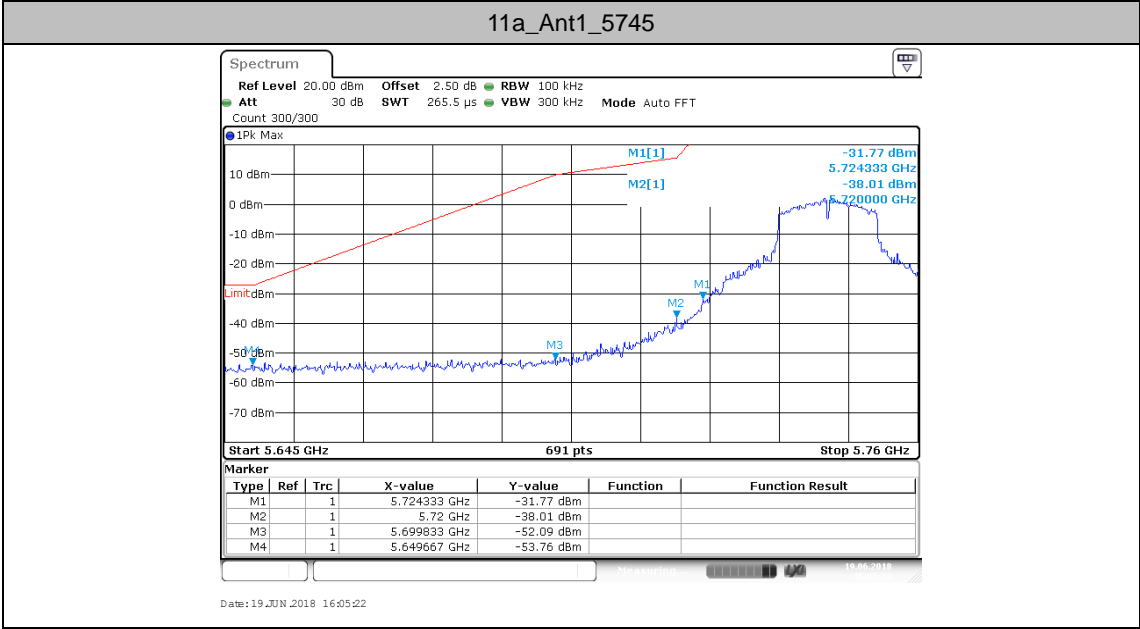
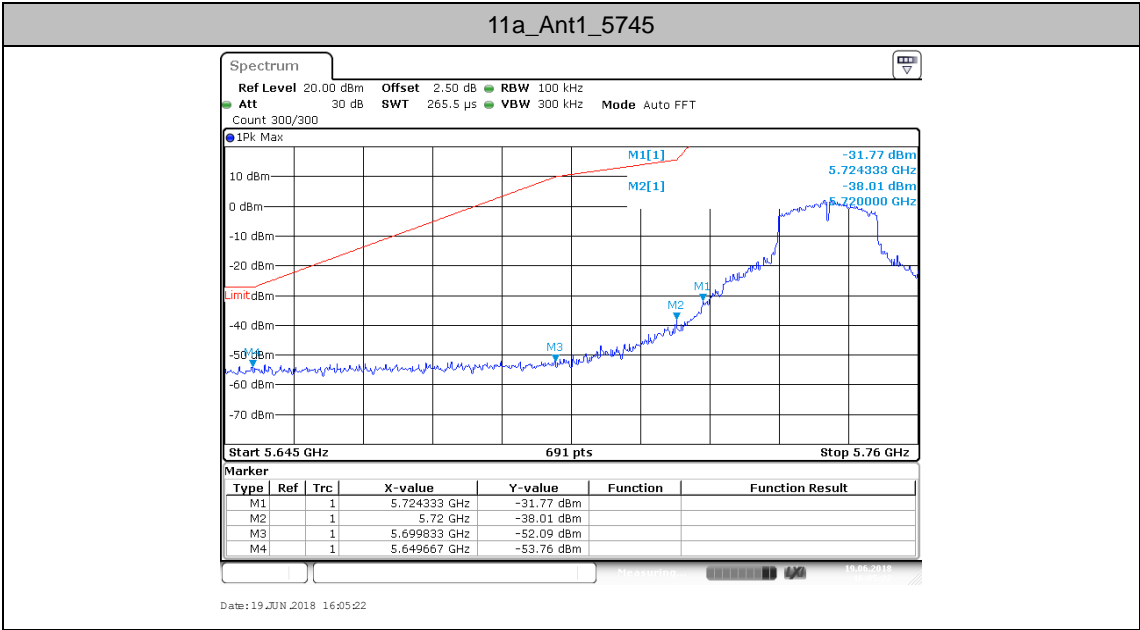
TestMode	Antenna	ChName	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	Low	5180	-53.34	-27	PASS
		High	5320	-50.52	-27	PASS
		Low	5500	-52.01	-27	PASS
		High	5700	-37.27	-27	PASS

TestMode	Antenna	ChName	Channel (MHz)	FreqRange (MHz)	Result (dBm)	Limit (dBm)	Verdict
11a	Ant1	Low	5745	5650~5700	-52.09	9.88	PASS
		Low	5745	5700~5720	-38.01	15.60	PASS
		Low	5745	5720~5725	-31.77	25.48	PASS
		Low	5745	5760~5650	-53.76	-27	PASS
		High	5825	5850~5855	-45.27	19.81	PASS
		High	5825	5855~5875	-49.96	10.10	PASS
		High	5825	5875~5925	-52.38	5.67	PASS
		High	5825	5925~5935	-52.37	-27	PASS

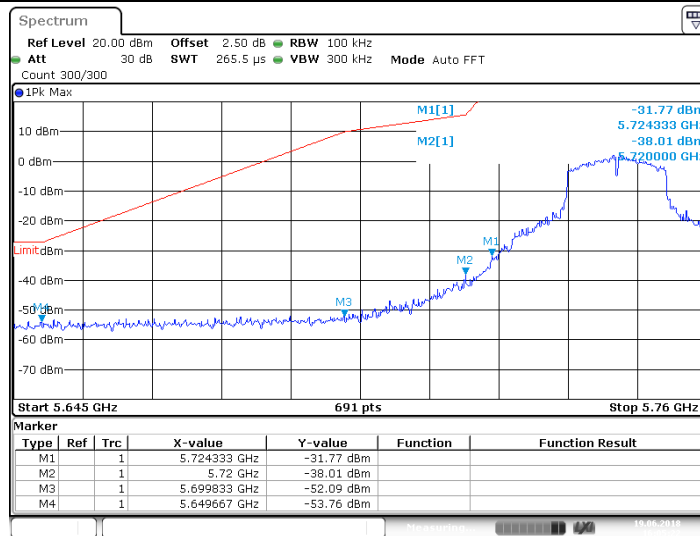
Test Graphs





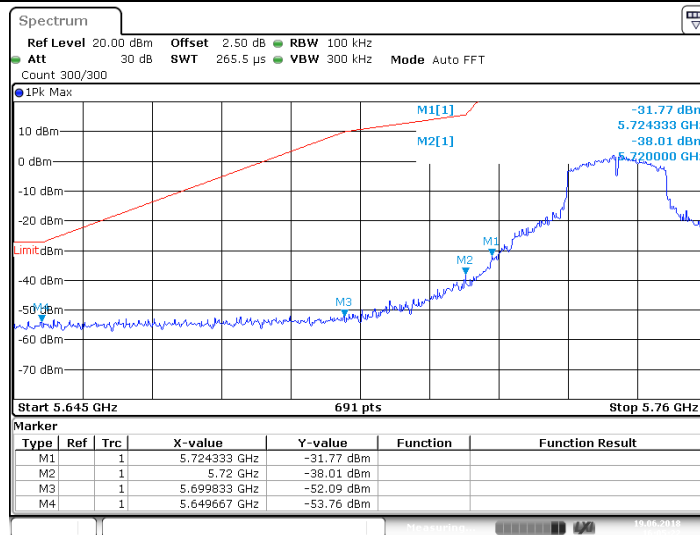


11a_Ant1_5745

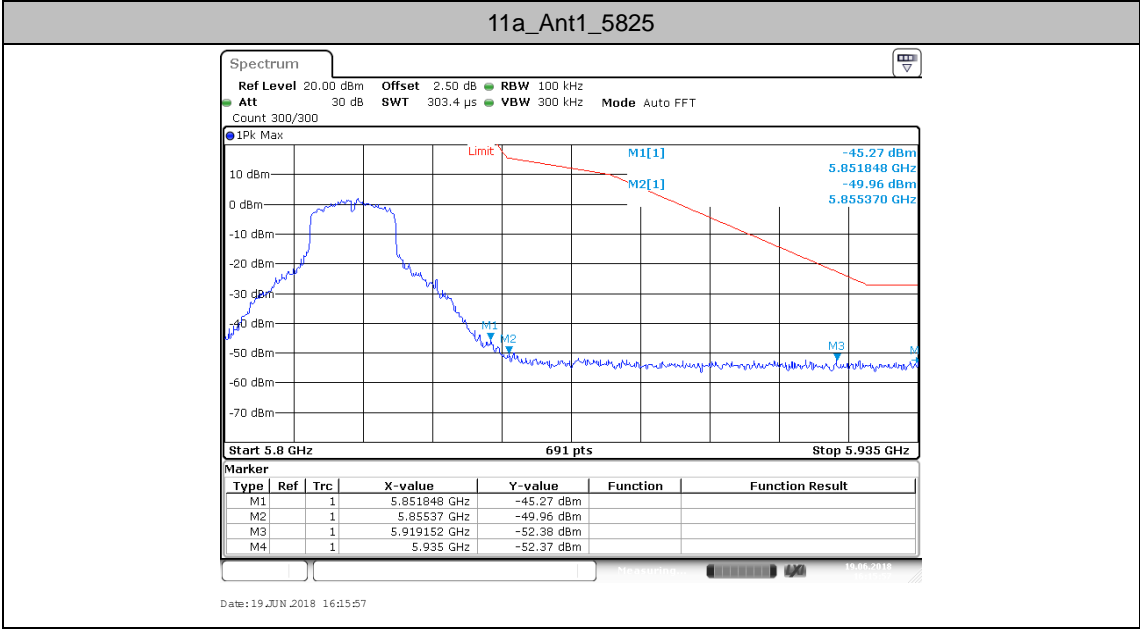
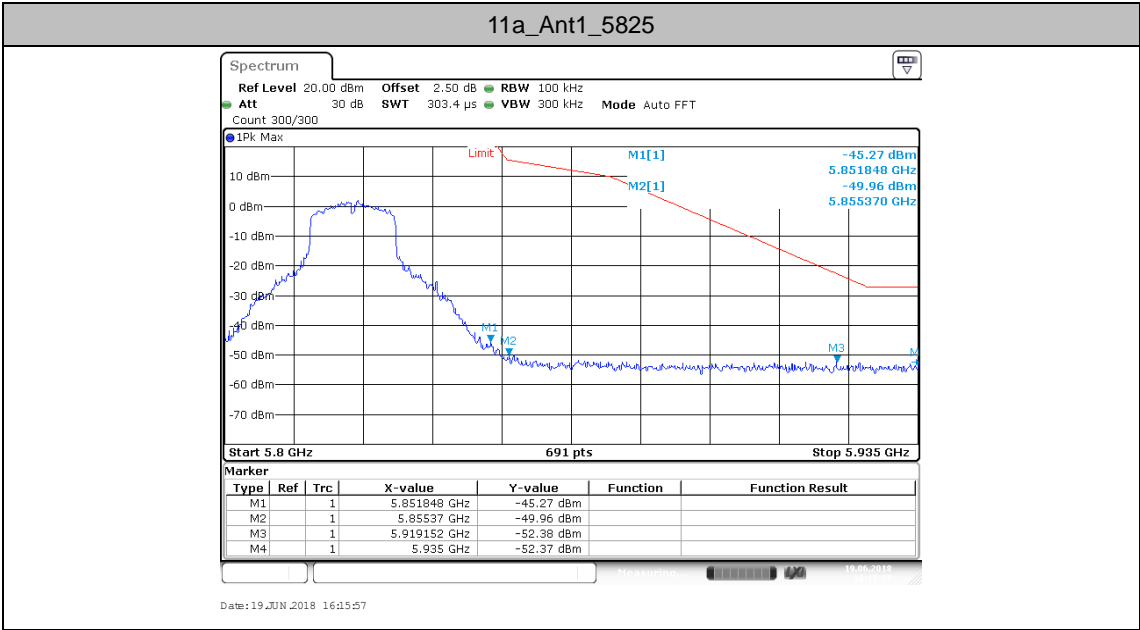


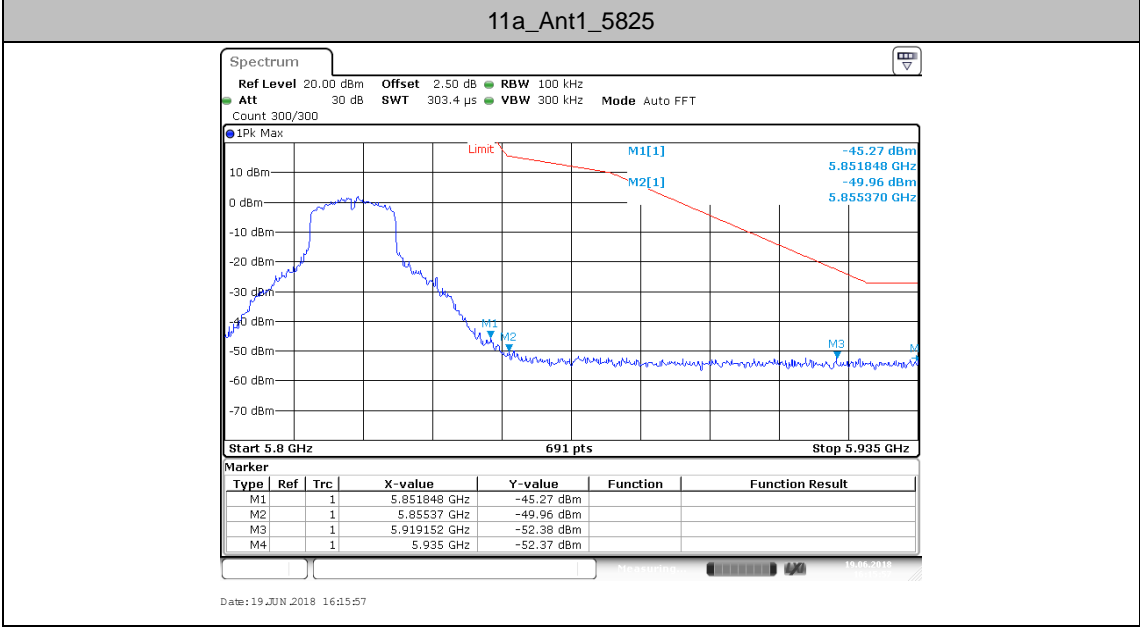
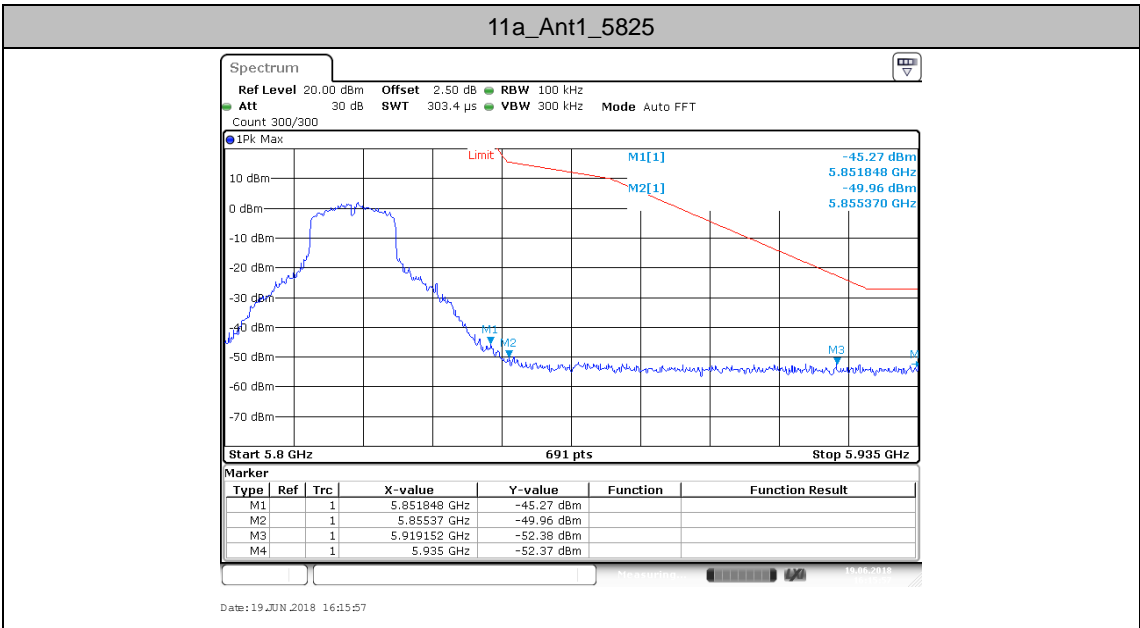
Date: 19 JUN 2018 16:05:22

11a_Ant1_5745



Date: 19 JUN 2018 16:05:22





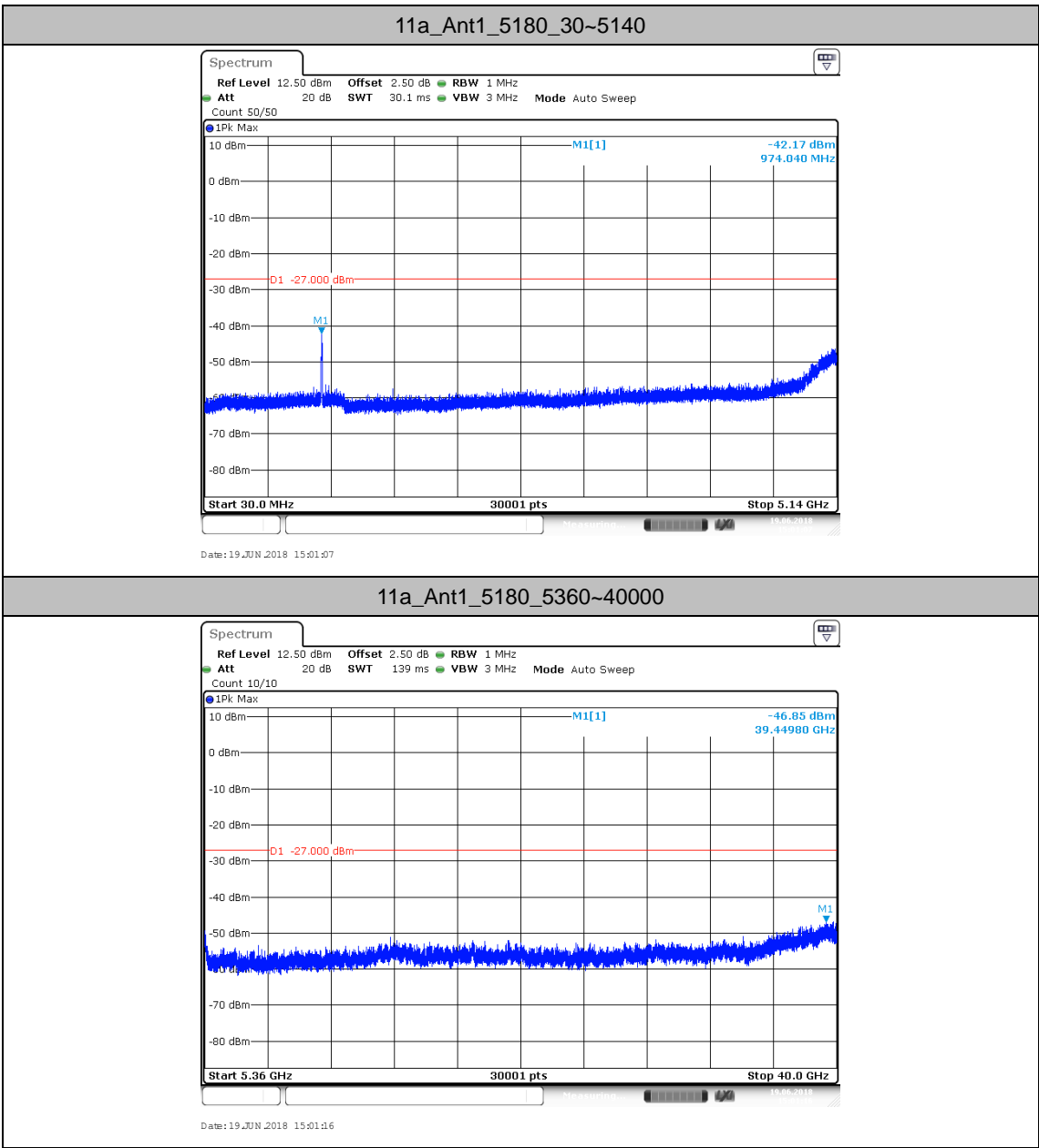


AppendixA7: Conducted SpuriousEmission

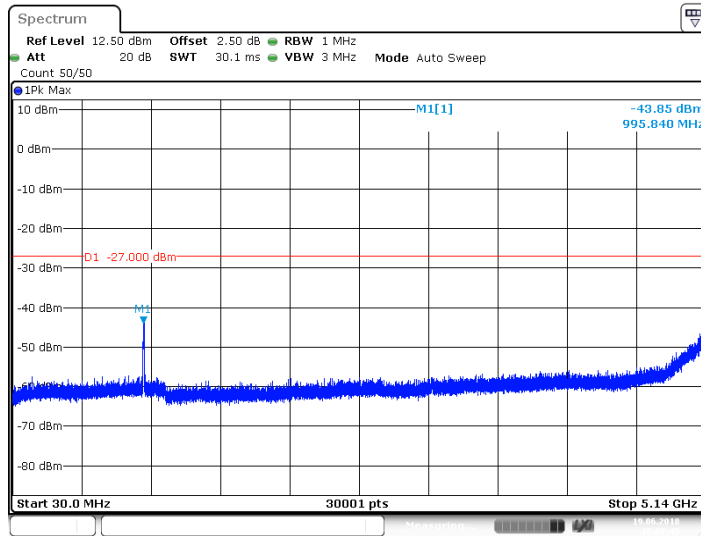
Test Result

TestMode	Antenna	Channel (MHz)	FreqRange (MHz)	Max. Fre (MHz)	Max. Level (dBm)	Limit (dBm)	Verdict
11a	Ant1	5180	30~5140	974.04	-42.17	-27	PASS
		5180	5360~40000	39449.80	-46.85	-27	PASS
		5200	30~5140	995.84	-43.85	-27	PASS
		5200	5360~40000	39542.20	-46.72	-27	PASS
		5240	30~5140	1036.21	-42.1	-27	PASS
		5240	5360~40000	39887.40	-46.53	-27	PASS
		5260	30~5140	1054.78	-44.07	-27	PASS
		5260	5360~40000	5388.30	-46.52	-27	PASS
		5280	30~5140	1074.36	-42.86	-27	PASS
		5280	5360~40000	39648.40	-46.61	-27	PASS
		5320	30~5140	1116.26	-43.85	-27	PASS
		5320	5360~40000	5379.10	-45.28	-27	PASS
		5500	30~5460	5385.70	-45.38	-27	PASS
		5500	5735~40000	39254.80	-46.98	-27	PASS
		5580	30~5460	5449.41	-47.66	-27	PASS
		5580	5735~40000	11157.30	-45.44	-27	PASS
		5700	30~5460	1494.69	-50.9	-27	PASS
		5700	5735~40000	17094.00	-35.9	-27	PASS
		5745	30~5650	5641.29	-46.17	-27	PASS
		5745	5925~40000	17238.10	-34.46	-27	PASS
5785	30~5650	5645.60	-49.56	-27	PASS		
5785	5925~40000	17355.10	-35.62	-27	PASS		
5825	30~5650	1620.31	-49.94	-27	PASS		
5825	5925~40000	17470.90	-35.32	-27	PASS		

Test Graphs

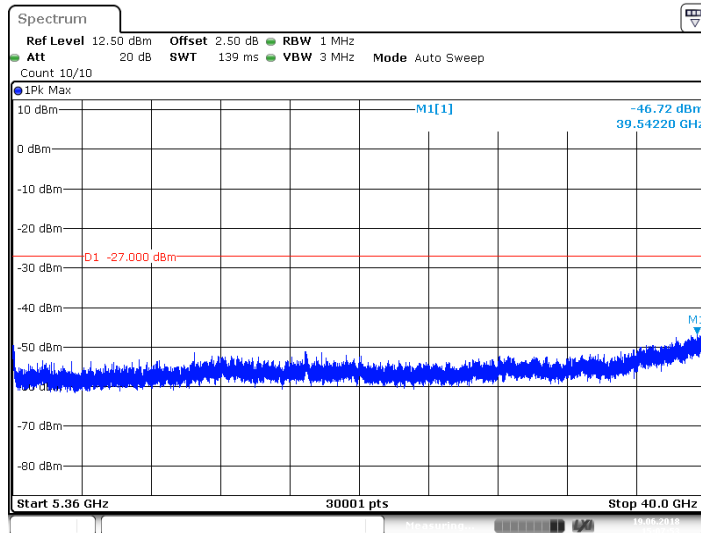


11a_Ant1_5200_30~5140



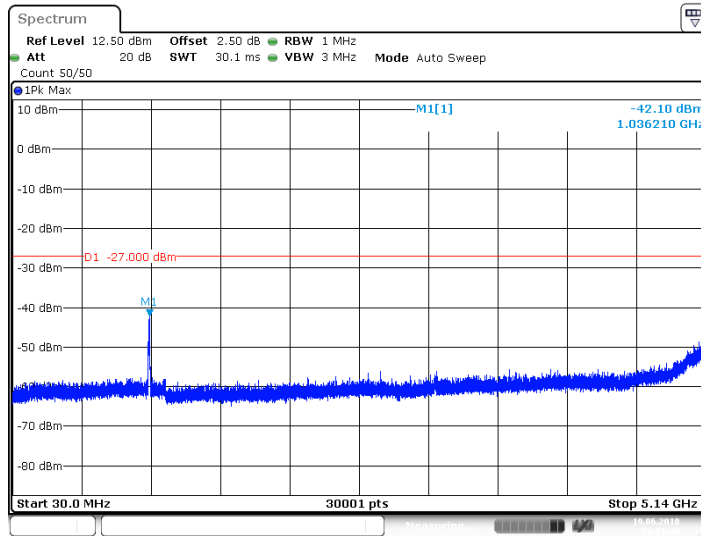
Date: 19 JUN 2018 15:07:45

11a_Ant1_5200_5360~40000



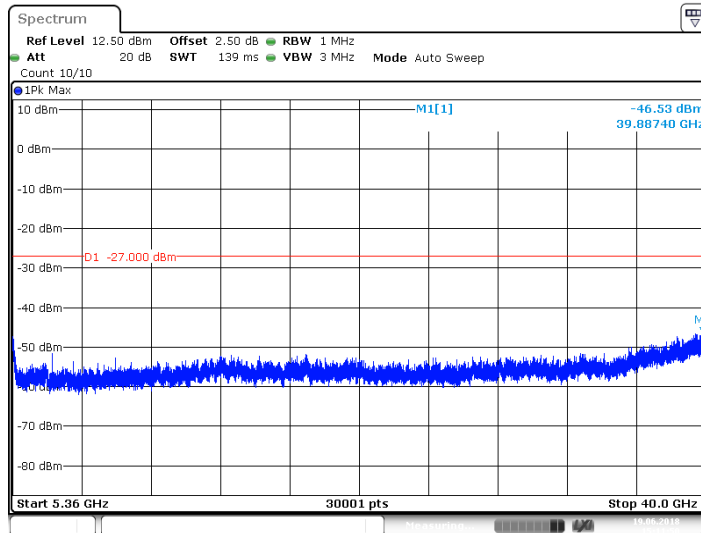
Date: 19 JUN 2018 15:07:54

11a_Ant1_5240_30~5140



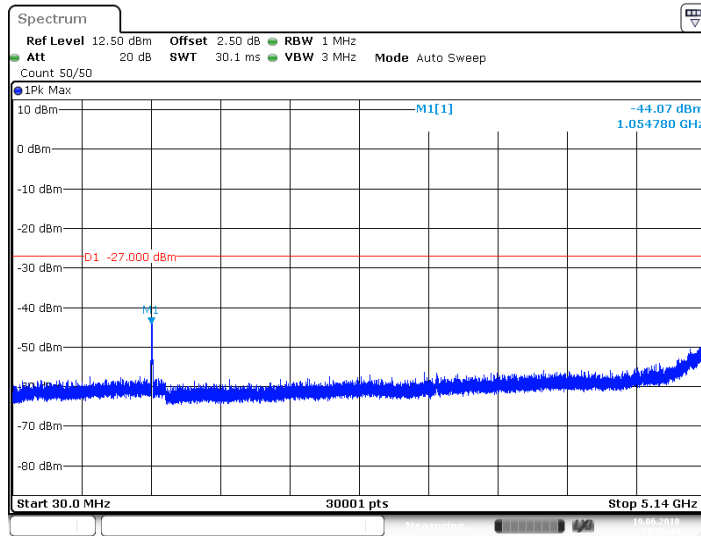
Date: 19 JUN 2018 15:11:41

11a_Ant1_5240_5360~40000



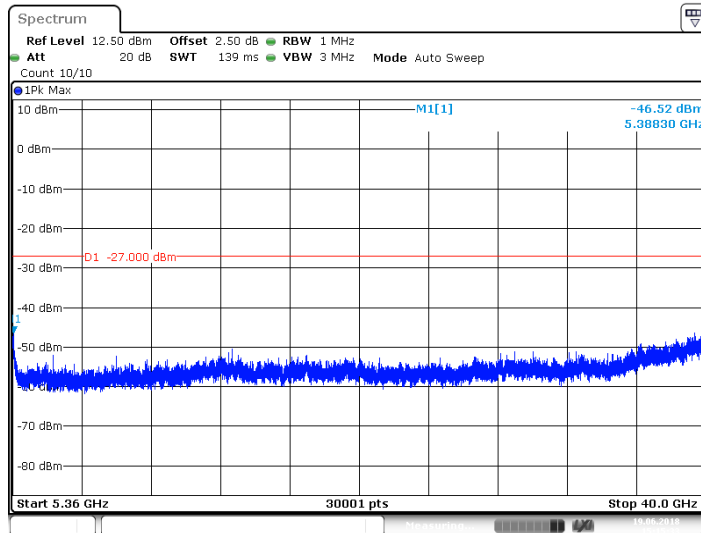
Date: 19 JUN 2018 15:11:50

11a_Ant1_5260_30~5140



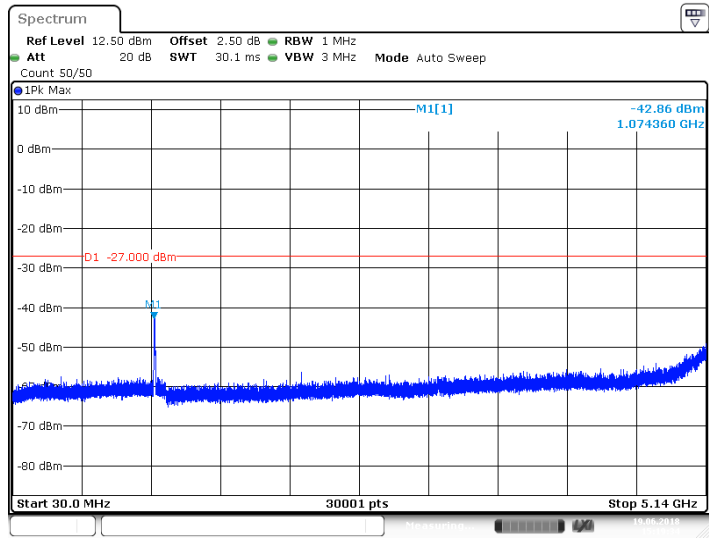
Date: 19 JUN 2018 15:15:24

11a_Ant1_5260_5360~40000



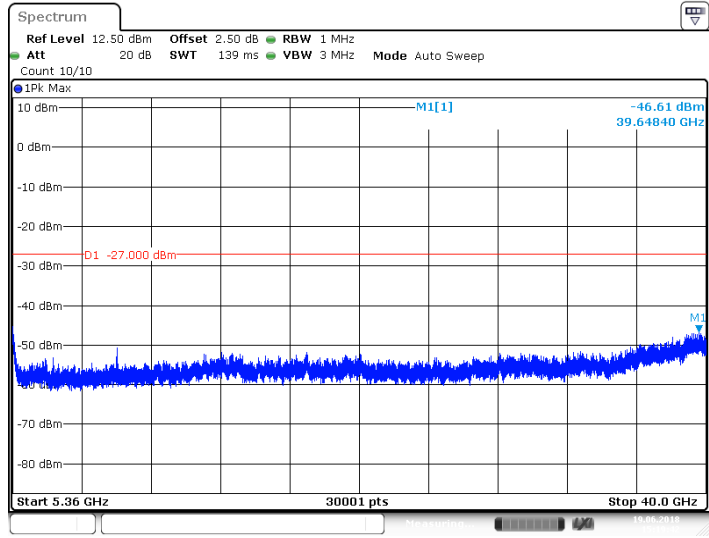
Date: 19 JUN 2018 15:15:33

11a_Ant1_5280_30~5140



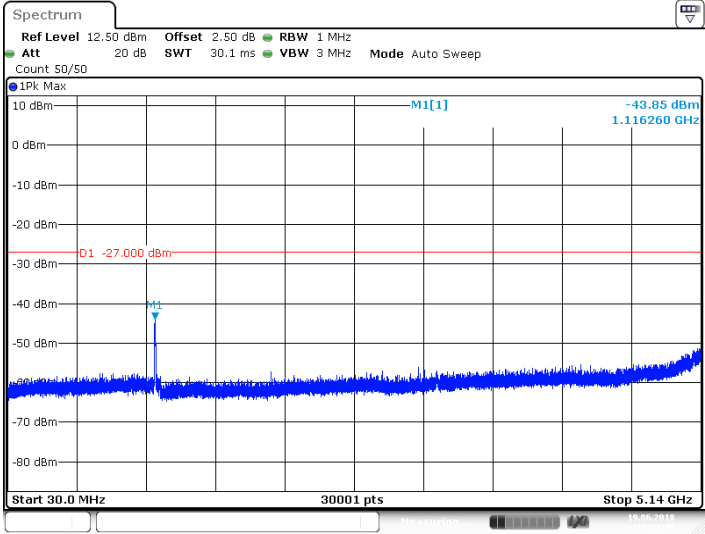
Date: 19 JUN 2018 15:19:34

11a_Ant1_5280_5360~40000



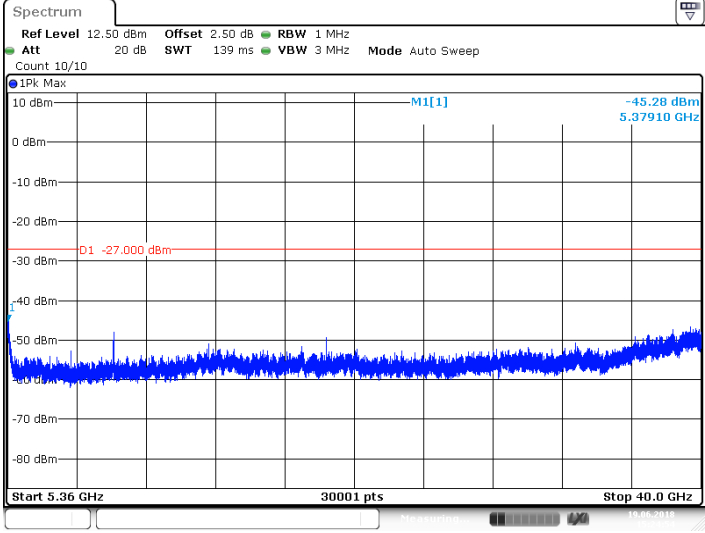
Date: 19 JUN 2018 15:19:43

11a_Ant1_5320_30~5140



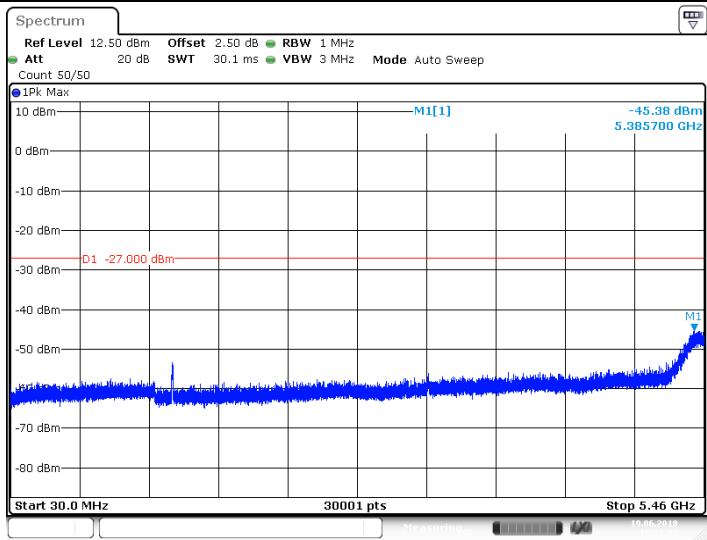
Date: 19 JUN 2018 15:24:46

11a_Ant1_5320_5360~40000



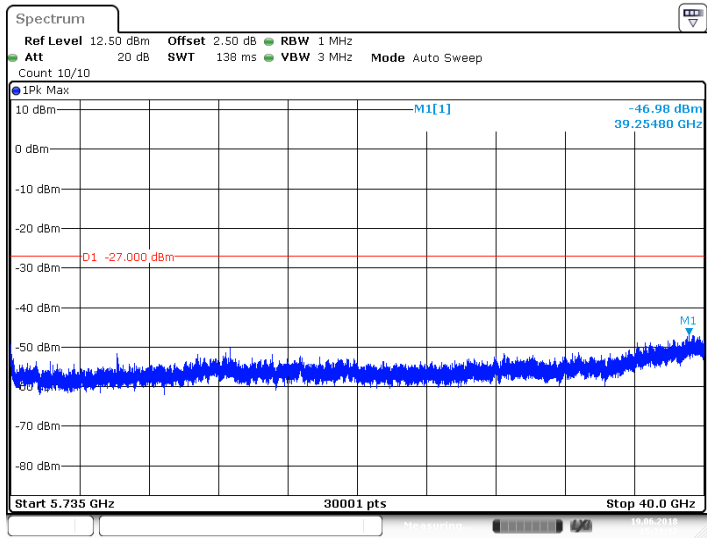
Date: 19 JUN 2018 15:24:54

11a_Ant1_5500_30~5460



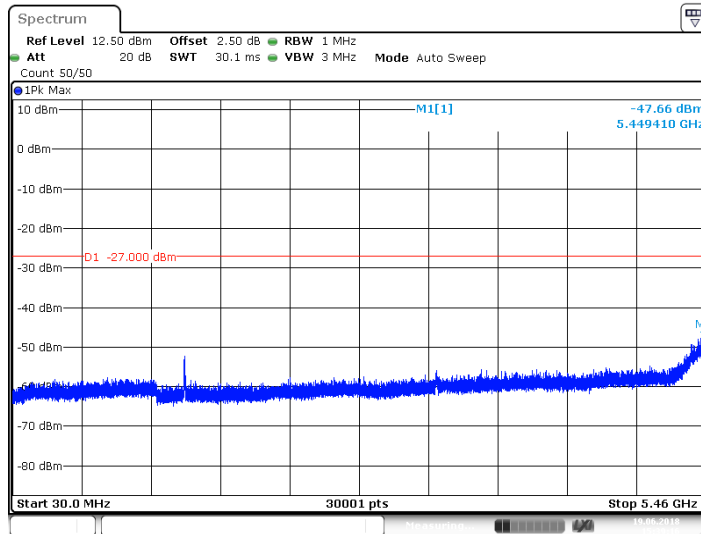
Date: 19 JUN 2018 15:31:23

11a_Ant1_5500_5735~40000



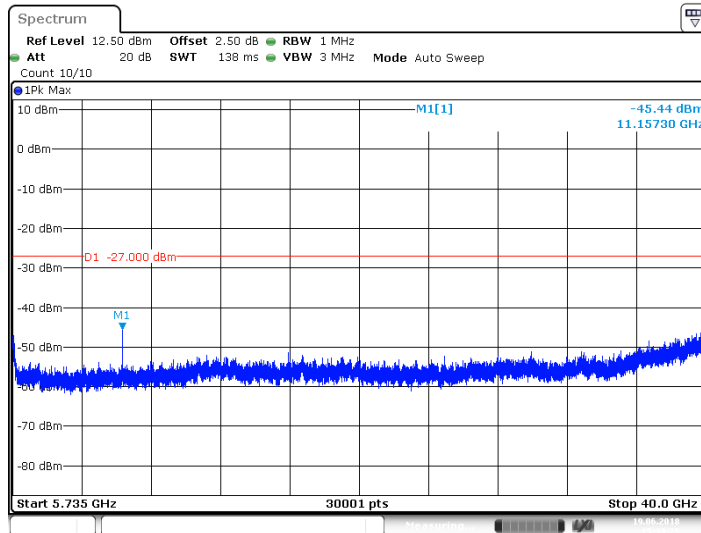
Date: 19 JUN 2018 15:31:32

11a_Ant1_5580_30~5460



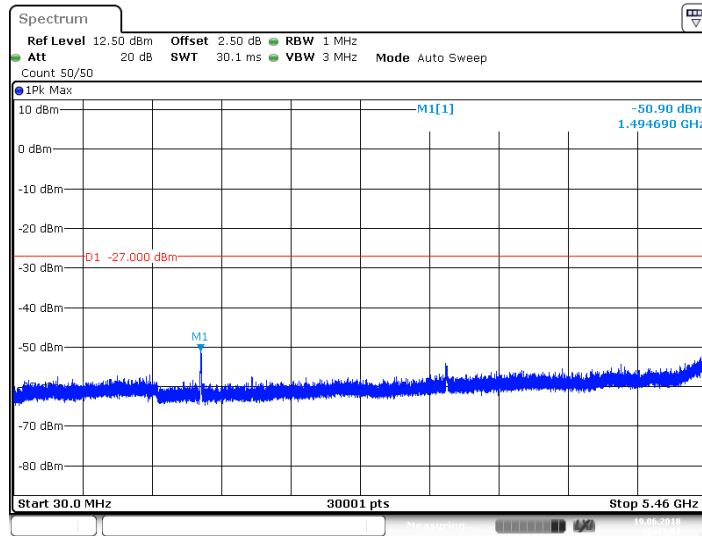
Date: 19 JUN 2018 15:39:17

11a_Ant1_5580_5735~40000



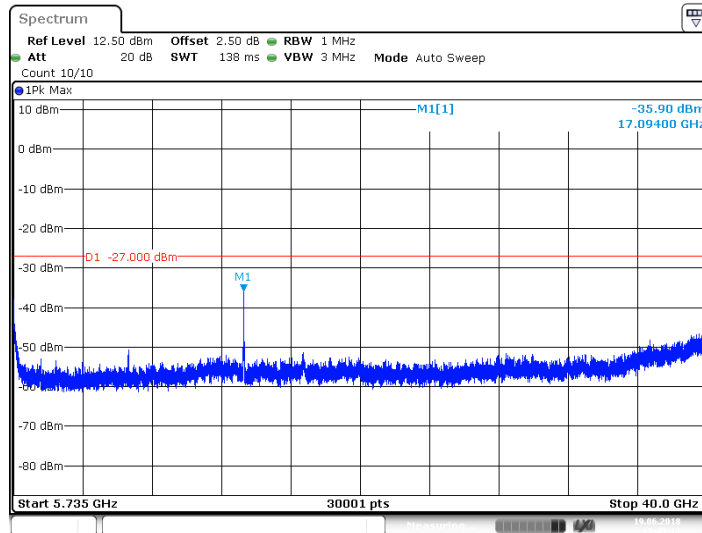
Date: 19 JUN 2018 15:39:25

11a_Ant1_5700_30~5460



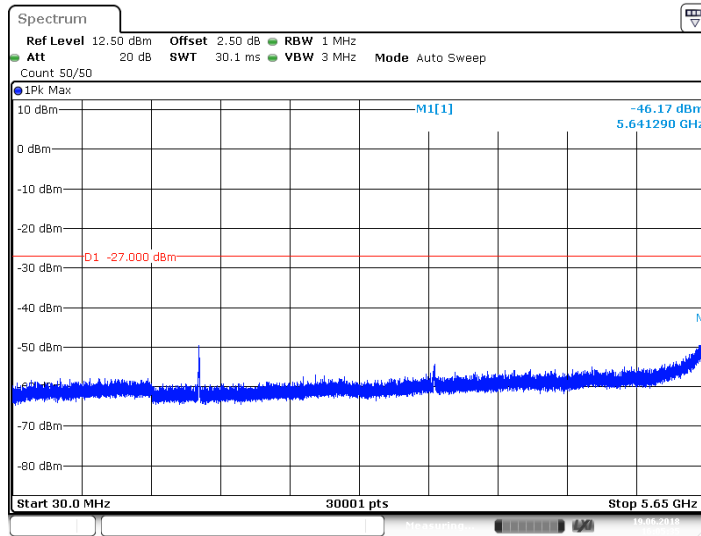
Date: 19 JUN 2018 15:43:02

11a_Ant1_5700_5735~40000



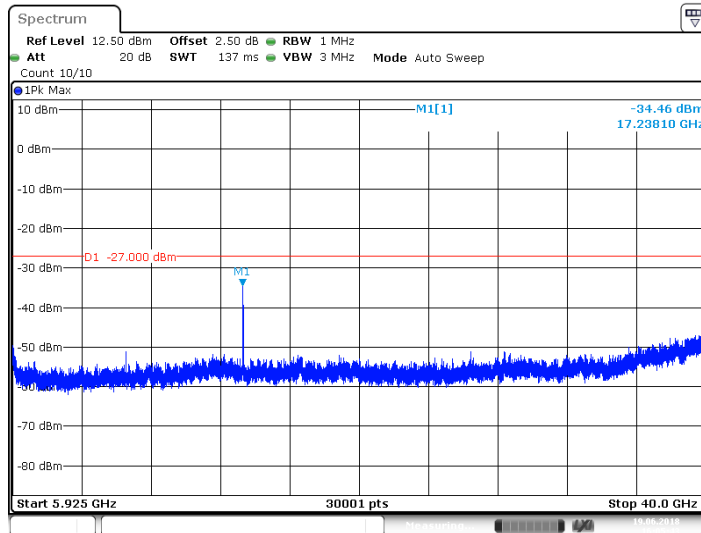
Date: 19 JUN 2018 15:43:11

11a_Ant1_5745_30~5650



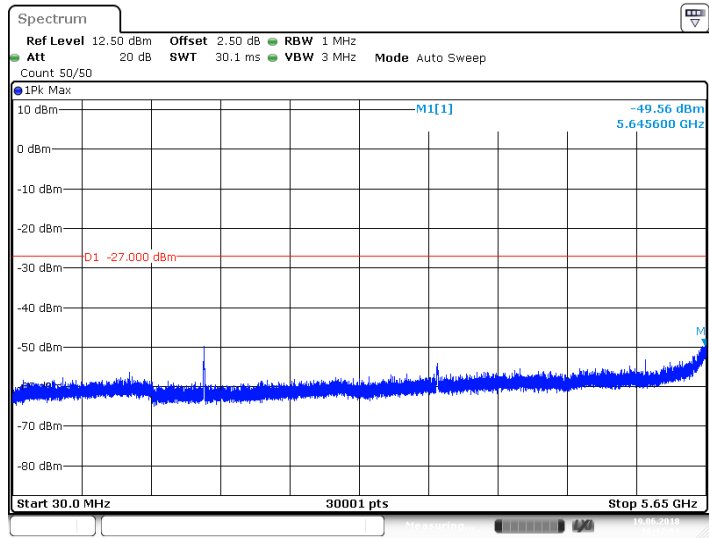
Date: 19 JUN 2018 16:05:35

11a_Ant1_5745_5925~40000



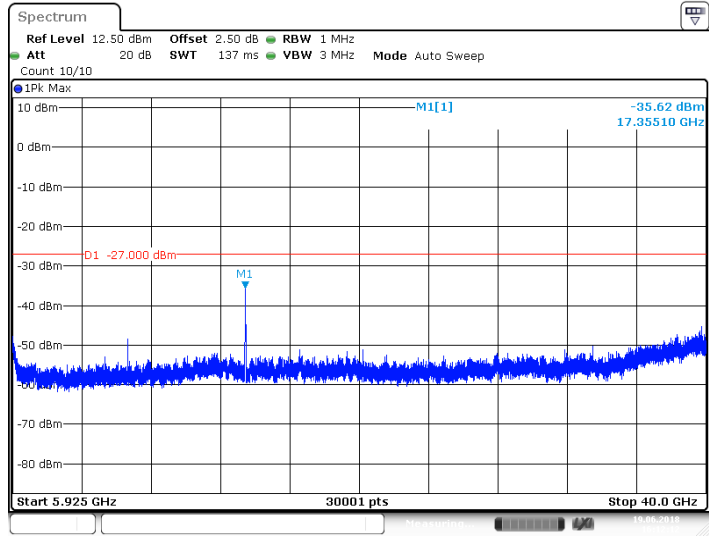
Date: 19 JUN 2018 16:05:44

11a_Ant1_5785_30~5650



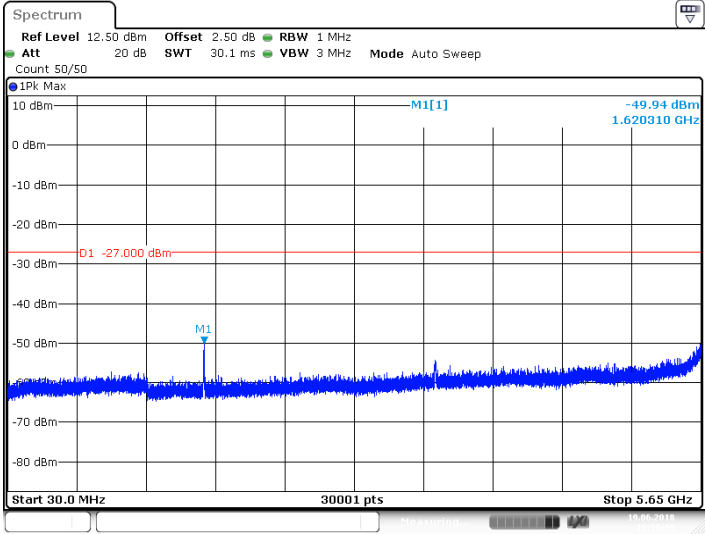
Date: 19 JUN 2018 16:12:03

11a_Ant1_5785_5925~40000



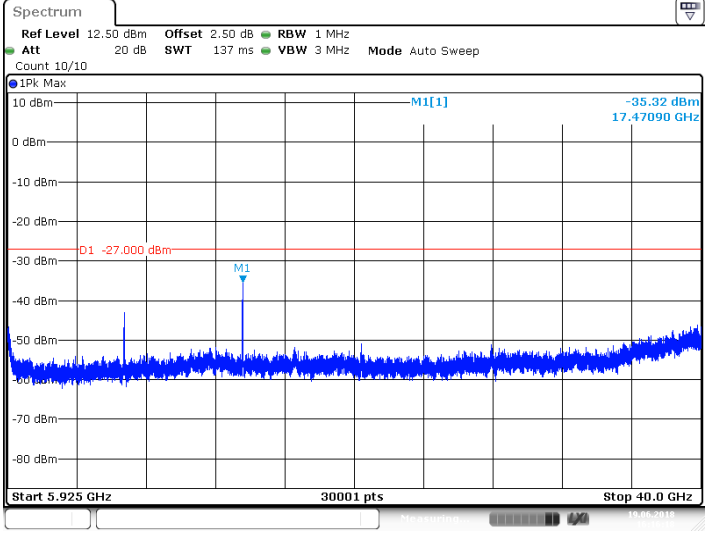
Date: 19 JUN 2018 16:12:12

11a_Ant1_5825_30~5650



Date:19 JUN 2018 16:16:10

11a_Ant1_5825_5925~40000



Date:19 JUN 2018 16:16:19



AppendixA8: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11a	Ant1	5180	NV	NT	-15000	-2.895753	20	PASS
		5180	LV	NT	0	0	20	PASS
		5180	HV	NT	0	0	20	PASS
		5200	NV	NT	0	0	20	PASS
		5200	LV	NT	15000	2.884615	20	PASS
		5200	HV	NT	-15000	-2.884615	20	PASS
		5240	NV	NT	0	0	20	PASS
		5240	LV	NT	30000	5.725191	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	0	0	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	0	0	20	PASS
		5700	NV	NT	15000	2.631579	20	PASS
		5700	LV	NT	0	0	20	PASS
		5700	HV	NT	0	0	20	PASS
		5745	NV	NT	0	0	20	PASS
		5745	LV	NT	-15000	-2.610966	20	PASS
		5745	HV	NT	15000	2.610966	20	PASS
		5785	NV	NT	0	0	20	PASS
		5785	LV	NT	-15000	-2.592913	20	PASS
5785	HV	NT	0	0	20	PASS		
5825	NV	NT	0	0	20	PASS		
5825	LV	NT	-15000	-2.575107	20	PASS		
5825	HV	NT	0	0	20	PASS		



Temperature								
TestMode	Antenna	Channel (MHz)	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11a	Ant1	5180	NV	-30	0	0	20	PASS
		5180	NV	-20	0	0	20	PASS
		5180	NV	-10	0	0	20	PASS
		5180	NV	-5	0	0	20	PASS
		5180	NV	0	15000	2.895753	20	PASS
		5180	NV	10	0	0	20	PASS
		5180	NV	20	15000	2.895753	20	PASS
		5180	NV	30	-15000	-2.895753	20	PASS
		5180	NV	40	-15000	-2.895753	20	PASS
		5180	NV	50	0	0	20	PASS
		5200	NV	-30	0	0	20	PASS
		5200	NV	-20	0	0	20	PASS
		5200	NV	-10	15000	2.884615	20	PASS
		5200	NV	-5	-15000	-2.884615	20	PASS
		5200	NV	0	15000	2.884615	20	PASS
		5200	NV	10	-15000	-2.884615	20	PASS
		5200	NV	20	0	0	20	PASS
		5200	NV	30	0	0	20	PASS
		5200	NV	40	0	0	20	PASS
		5200	NV	50	-15000	-2.884615	20	PASS
		5240	NV	-5	0	0	20	PASS
		5240	NV	50	0	0	20	PASS
		5260	NV	-5	0	0	20	PASS
		5260	NV	50	15000	2.851711	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	0	0	20	PASS
		5580	NV	50	0	0	20	PASS
		5700	NV	-5	0	0	20	PASS
5700	NV	50	15000	2.631579	20	PASS		
5745	NV	-5	-15000	-2.610966	20	PASS		
5745	NV	50	0	0	20	PASS		
5785	NV	-5	0	0	20	PASS		
5785	NV	50	0	0	20	PASS		
5825	NV	-5	0	0	20	PASS		



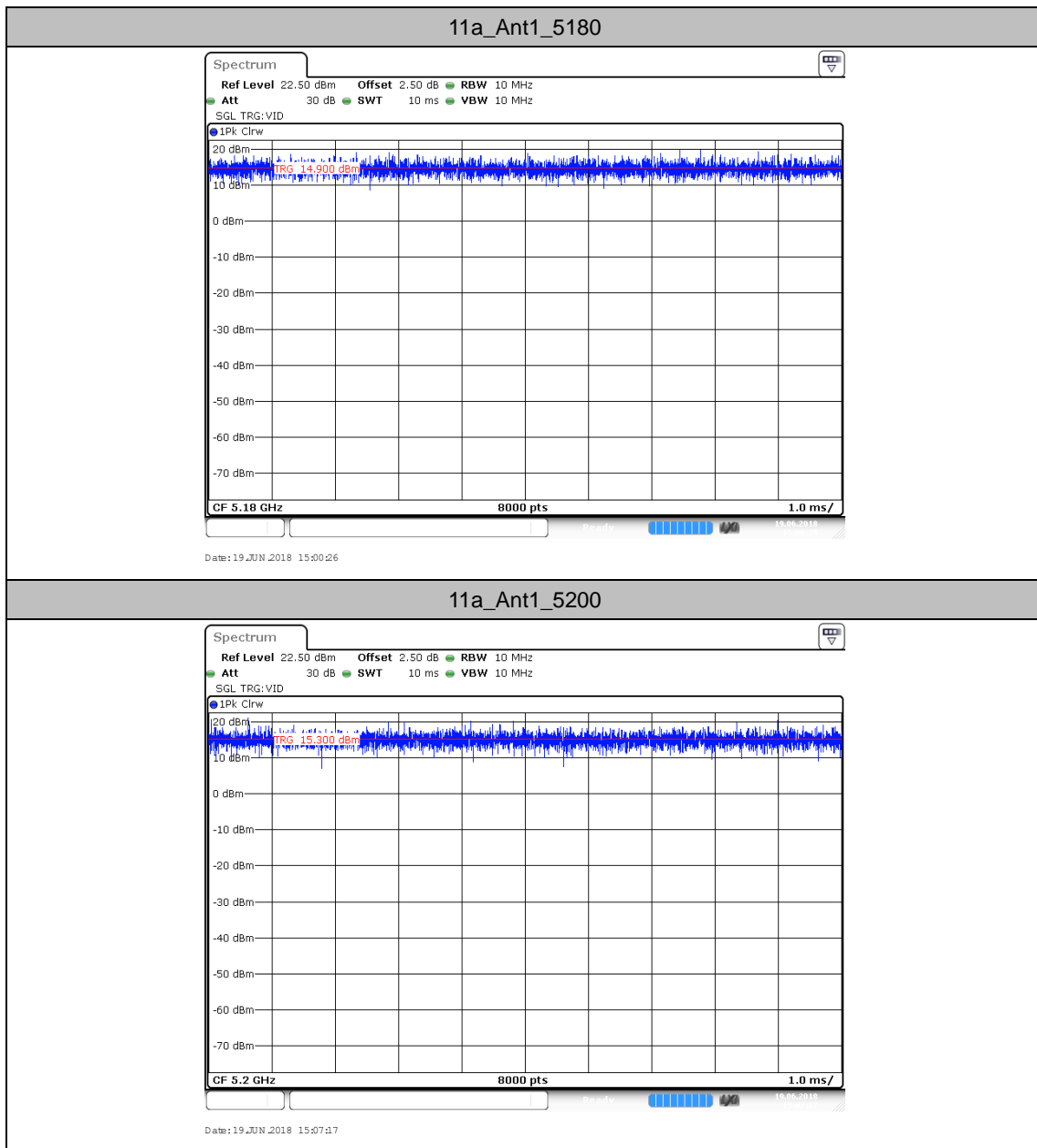
		5825	NV	50	0	0	20	PASS
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AppendixA9: DutyCycle

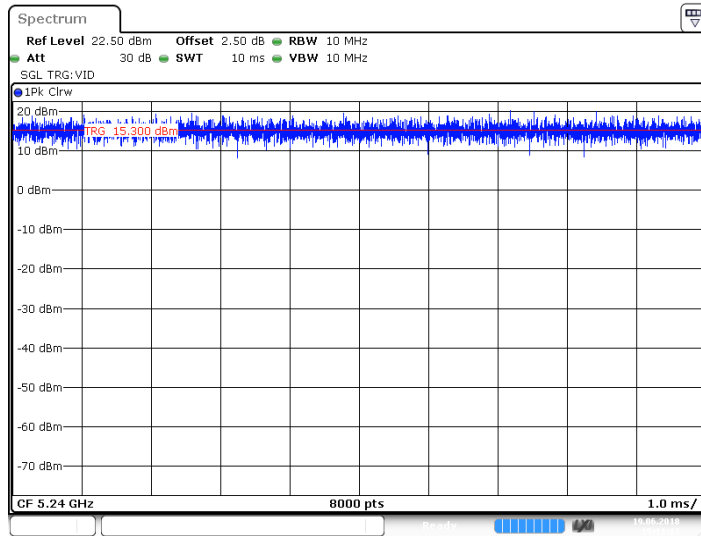
Test Result

TestMode	Antenna	Channel	DutyCycle[%]
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

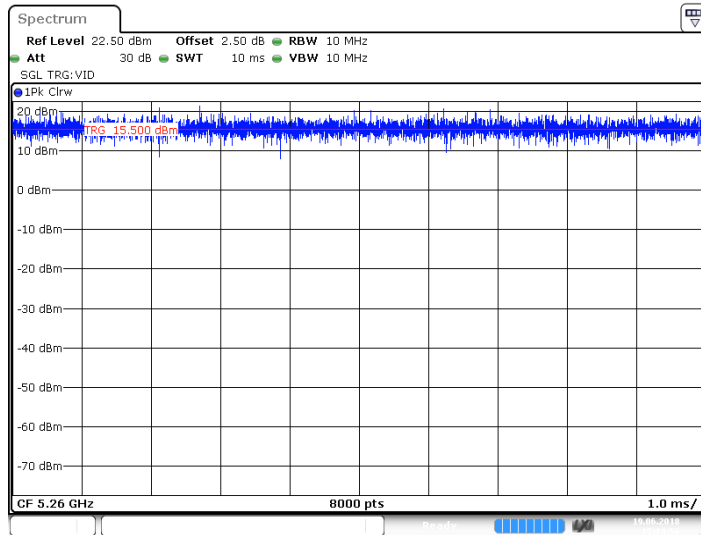


11a_Ant1_5240



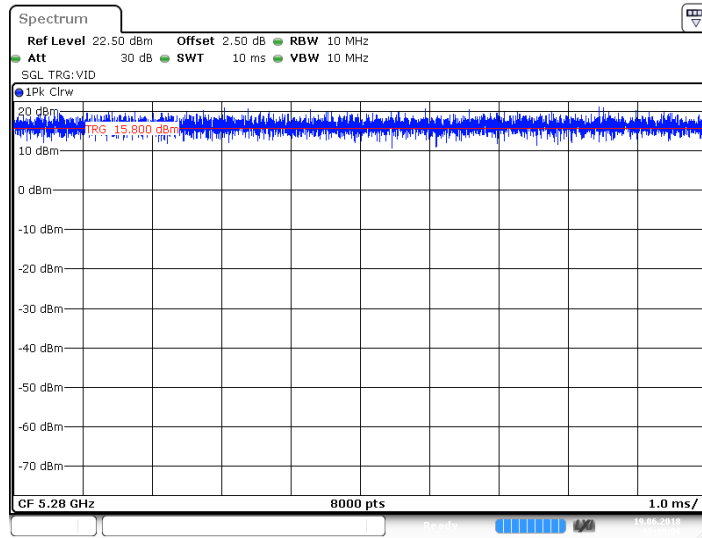
Date: 19 JUN 2018 15:11:13

11a_Ant1_5260

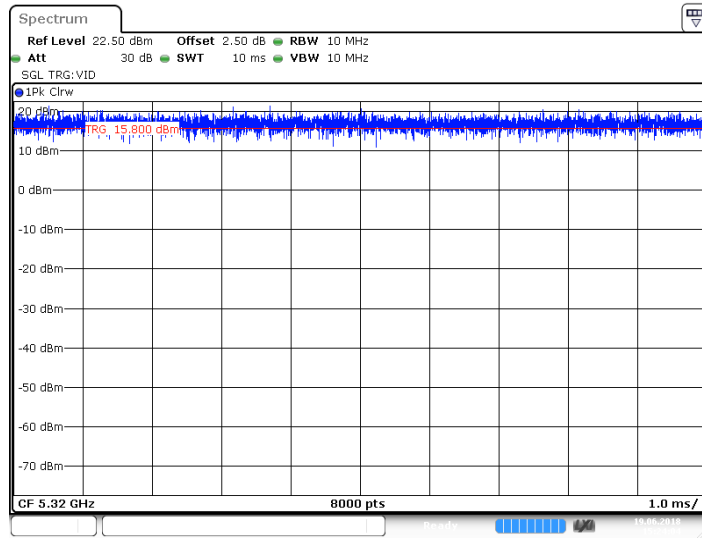


Date: 19 JUN 2018 15:14:56

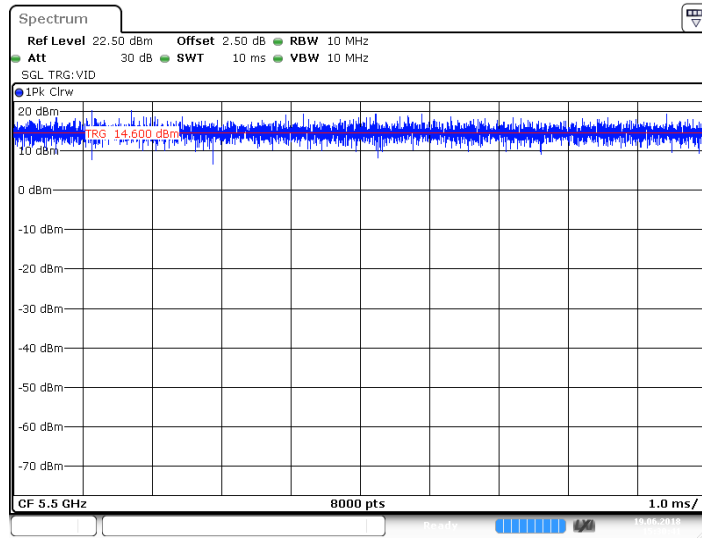
11a_Ant1_5280



11a_Ant1_5320

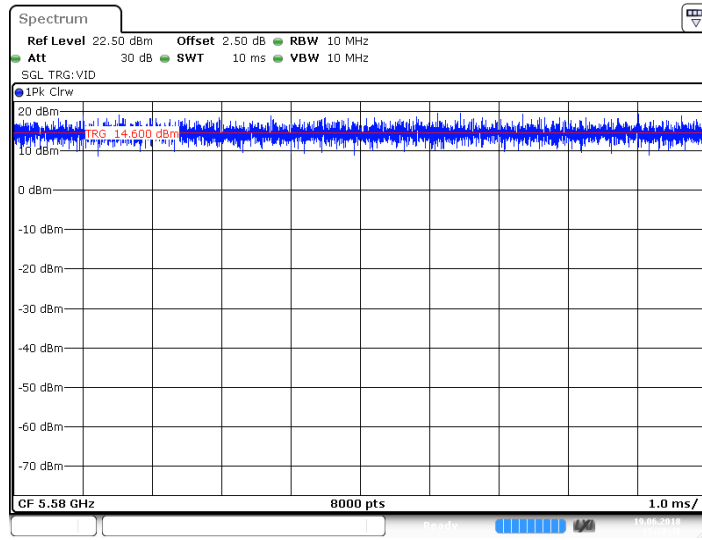


11a_Ant1_5500



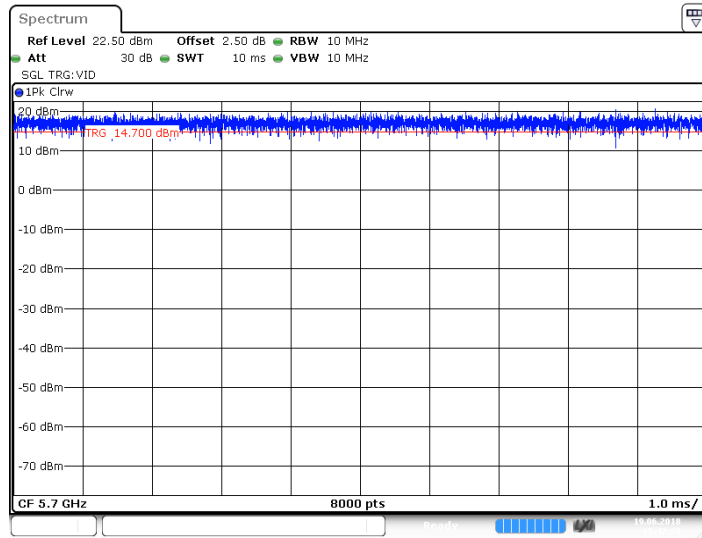
Date: 19 JUN 2018 15:30:42

11a_Ant1_5580



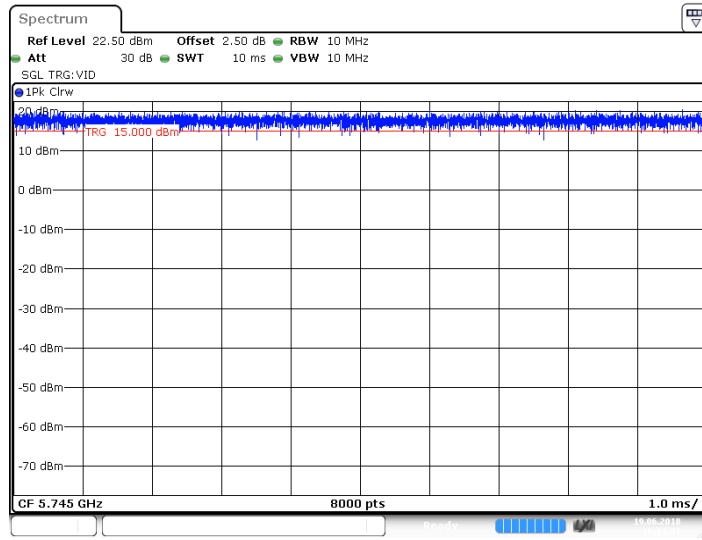
Date: 19 JUN 2018 15:38:48

11a_Ant1_5700



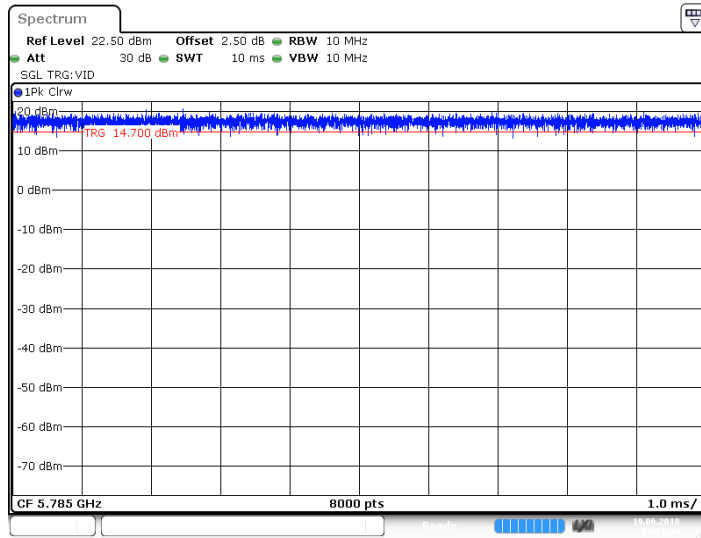
Date: 19 JUN 2018 15:42:20

11a_Ant1_5745



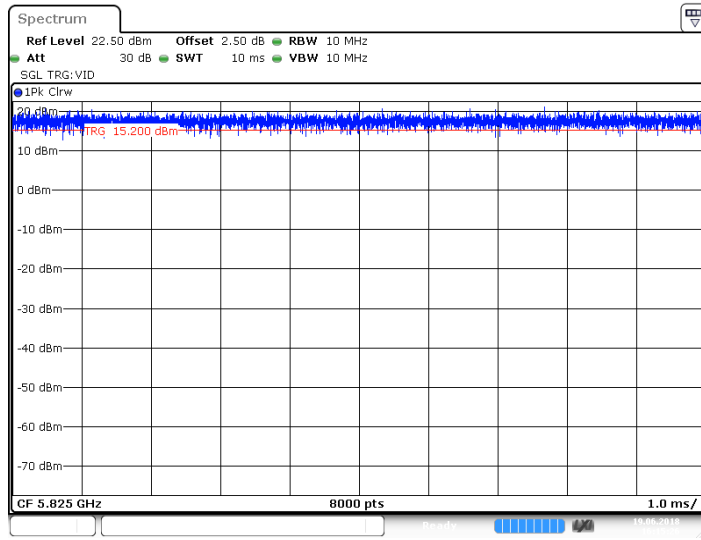
Date: 19 JUN 2018 16:04:51

11a_Ant1_5785



Date: 19 JUN 2018 16:11:35

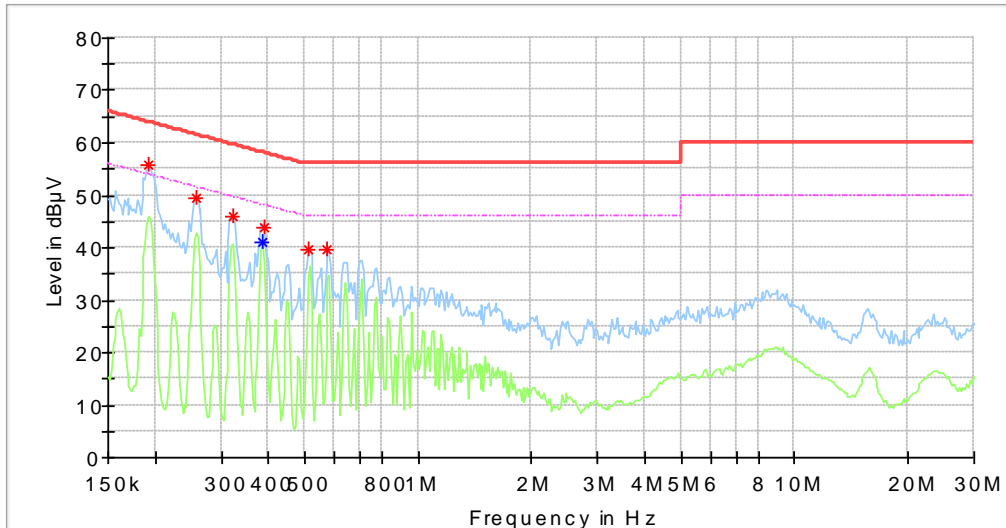
11a_Ant1_5825



Date: 19 JUN 2018 16:15:26

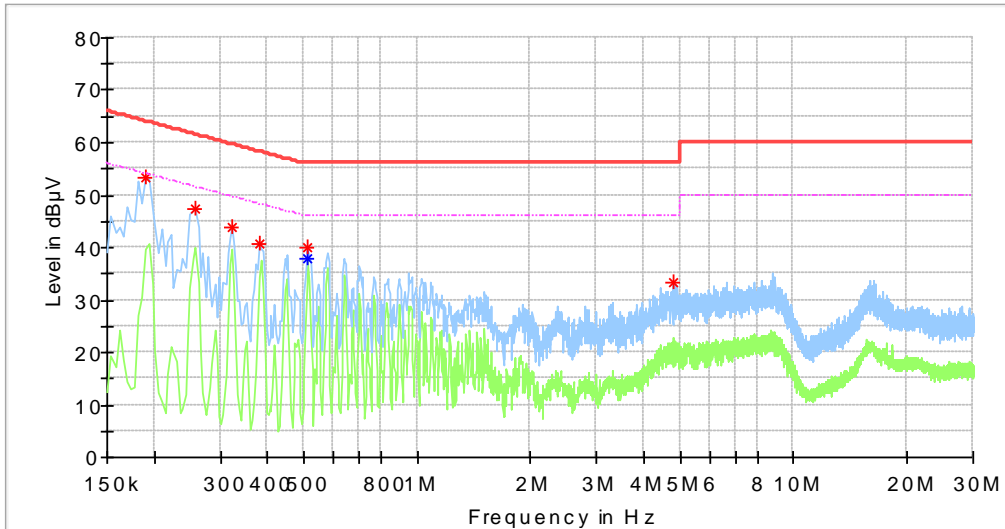
Appendix A10: Conducted emission AC power port

Model: Moby/M120
 Test mode: Charging+TX
 Test Voltage: AC 120V/60Hz
 Remark: Power Line, L



Frequency	MaxPeak	Average	Limit	Margin	Line	Corr.
0.192365	55.84	---	63.93	8.10	L1	10.2
0.256712	49.45	---	61.54	12.09	L1	10.2
0.322729	45.96	---	59.64	13.68	L1	10.2
0.386031	---	40.91	48.15	7.24	L1	11.3
0.389891	43.89	---	58.07	14.17	L1	11.4
0.510059	39.70	---	56.00	16.30	L1	10.2
0.574747	39.79	---	56.00	16.21	L1	10.2

Model: Moby/M120
 Test mode: Charging+TX
 Test Voltage: AC 120V/60Hz
 Remark: Power Line, N



Frequency	MaxPeak	Average	Limit	Margin	Line	Corr.
0.190000	53.39	---	64.04	10.64	N	10.3
0.258000	47.52	---	61.50	13.98	N	10.3
0.322000	43.79	---	59.66	15.87	N	10.3
0.382000	40.70	---	58.24	17.53	N	10.3
0.514000	---	37.97	46.00	8.03	N	10.4
0.514000	40.06	---	56.00	15.94	N	10.4
4.786000	33.48	---	56.00	22.52	N	10.6