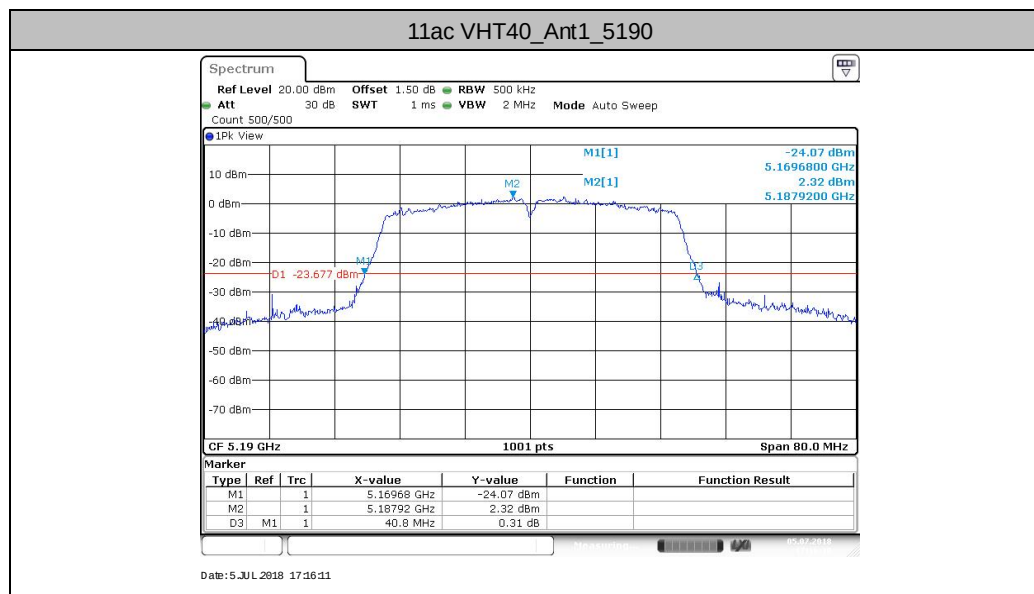


Appendix E1: Emission Bandwidth

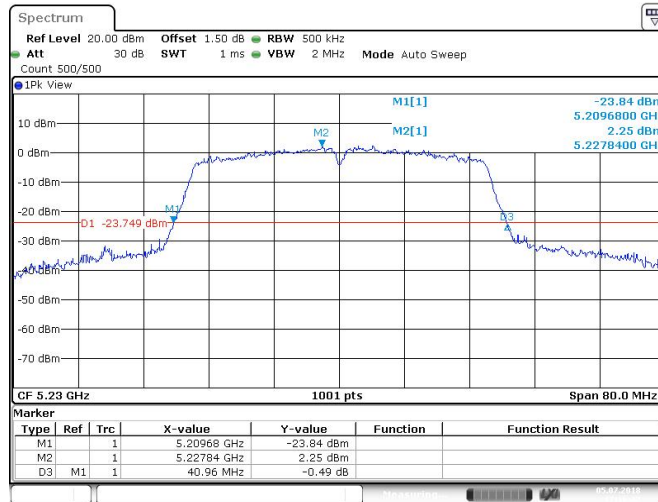
Test Result

TestMode	Antenna	Channel (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11ac VHT40	Ant1	5190	40.960	5169.760	5210.720	---	PASS
		5230	40.880	5209.680	5250.560	---	PASS
		5270	40.960	5249.520	5290.480	---	PASS
		5310	40.880	5289.520	5330.400	---	PASS
		5510	41.040	5489.600	5530.640	---	PASS
		5550	41.120	5529.600	5570.720	---	PASS
		5670	41.520	5649.120	5690.640	---	PASS
		5710	41.280	5689.280	5730.560	---	PASS
		5755	41.520	5734.280	5775.800	---	PASS
		5795	41.120	5774.520	5815.640	---	PASS

Test Graphs

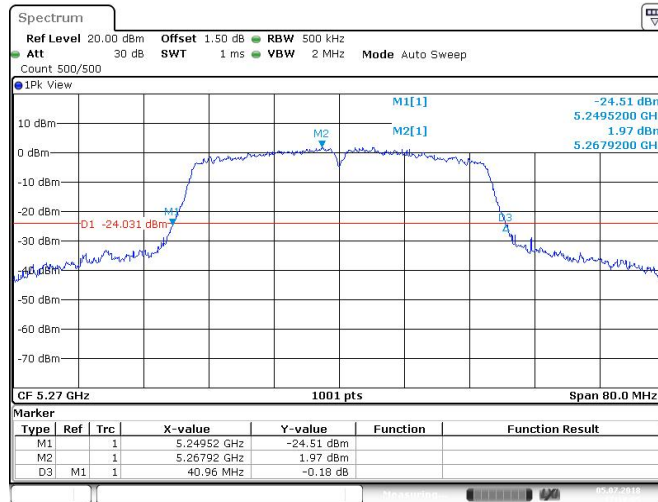


11ac VHT40_Ant1_5230



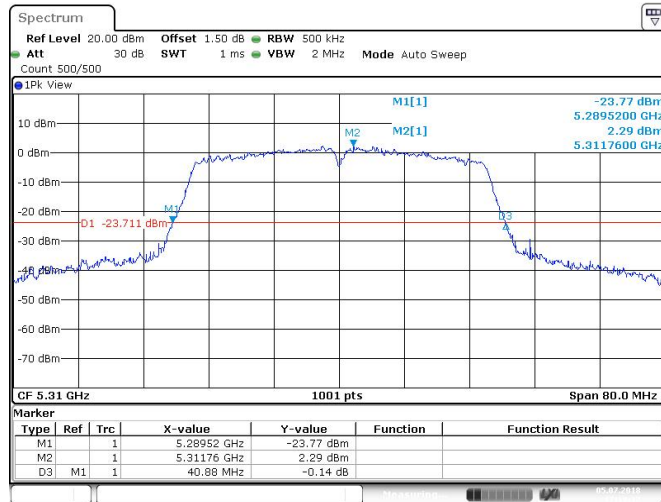
Date: 5 JUL 2018 17:16:47

11ac VHT40_Ant1_5270



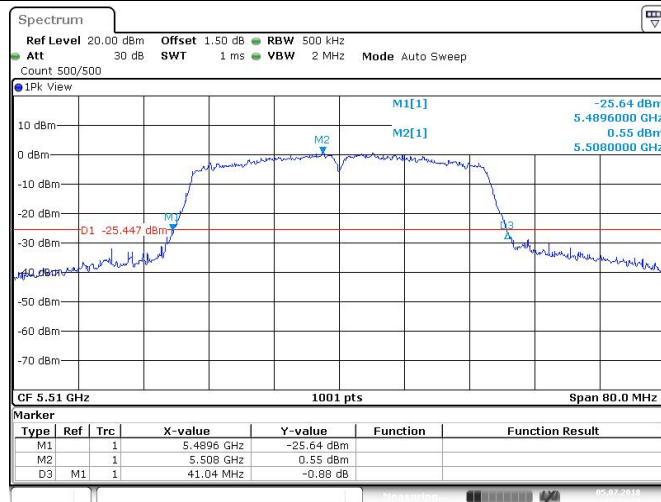
Date: 5 JUL 2018 17:18:05

11ac VHT40_Ant1_5310



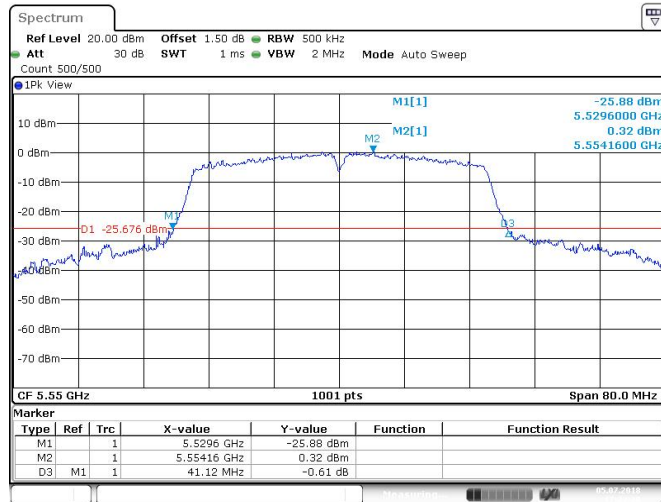
Date: 5 JUL 2018 17:19:18

11ac VHT40_Ant1_5510



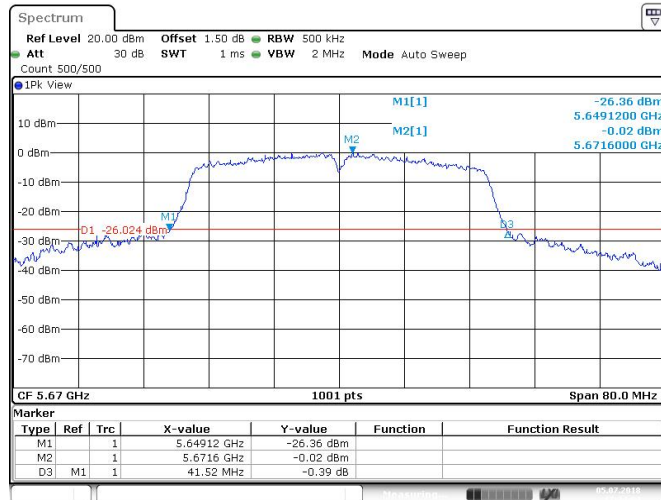
Date: 5 JUL 2018 17:22:23

11ac VHT40_Ant1_5550



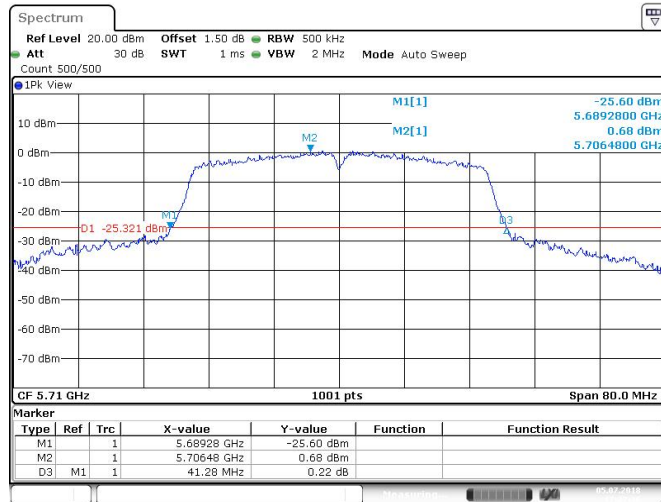
Date: 5 JUL 2018 17:23:28

11ac VHT40_Ant1_5670



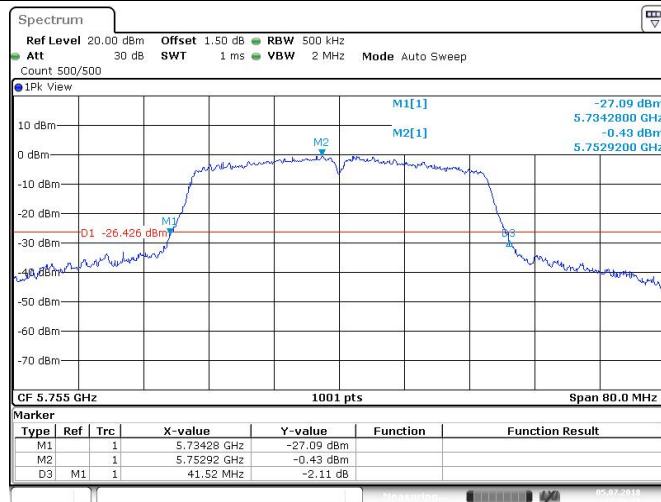
Date: 5 JUL 2018 17:24:04

11ac VHT40_Ant1_5710

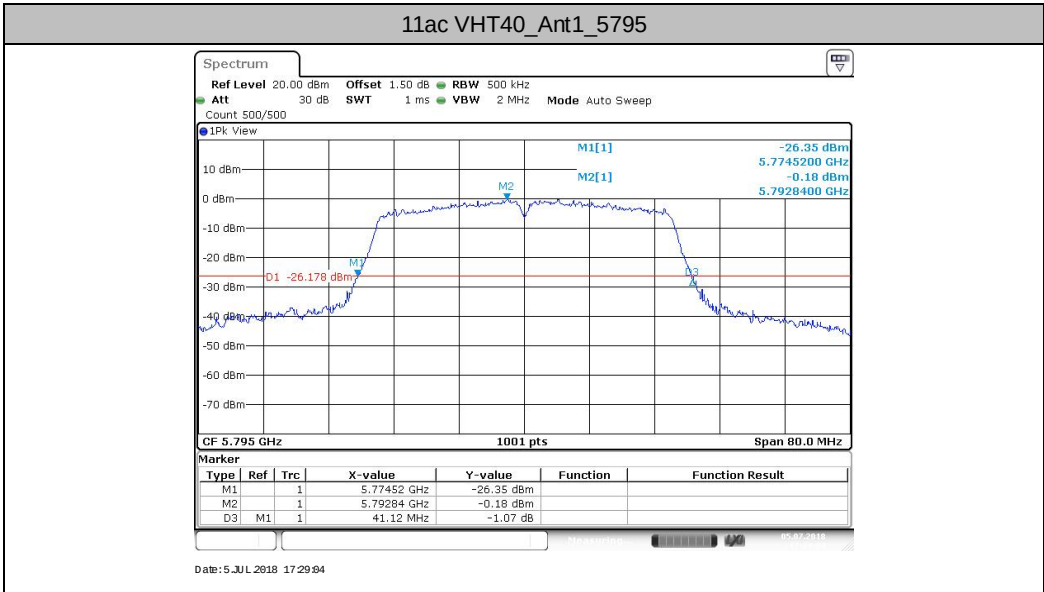


Date: 5 JUL 2018 17:27:36

11ac VHT40_Ant1_5755



Date: 5 JUL 2018 17:28:32

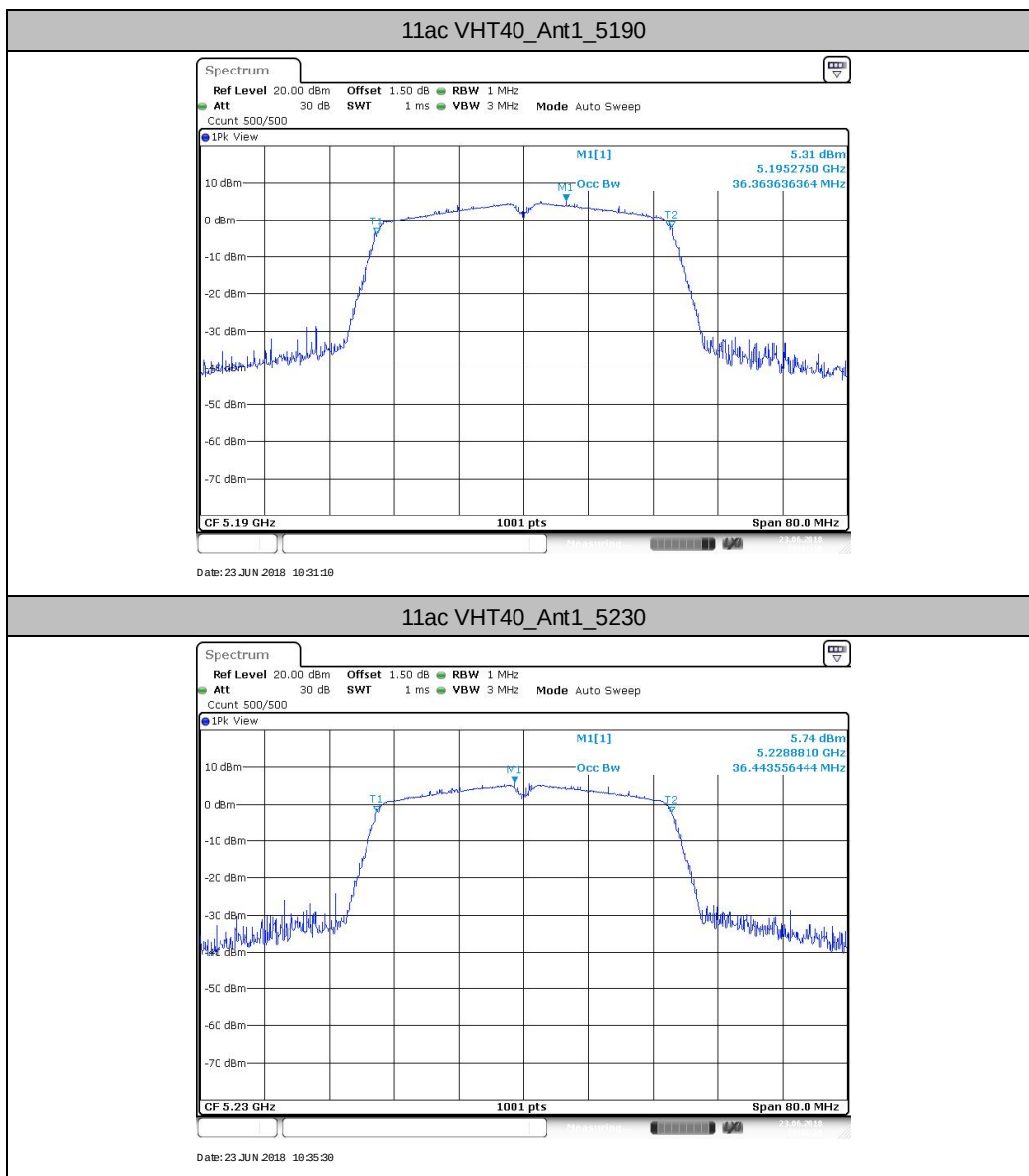


Appendix E2: Occupied Channel (MHz) bandwidth

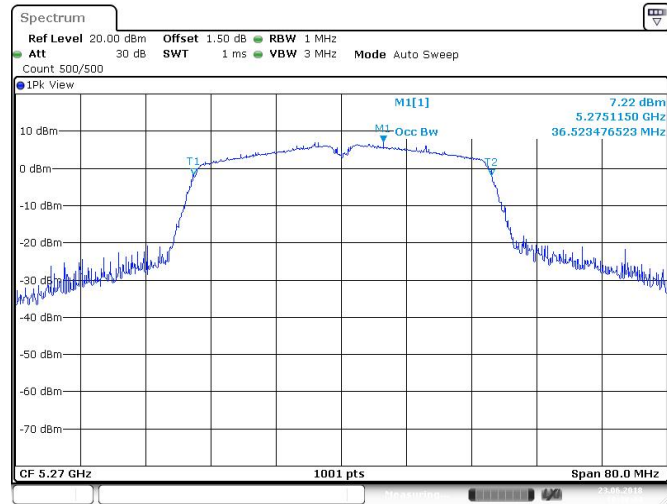
Test Result

TestMode	Antenna	Channel (MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11ac VHT40	Ant1	5190	36.364	5171.938	5208.302	---	PASS
		5230	36.444	5211.858	5248.302	---	PASS
		5270	36.523	5251.938	5288.462	---	PASS
		5310	36.683	5291.778	5328.462	---	PASS
		5510	36.523	5491.778	5528.302	---	PASS
		5550	36.364	5531.858	5568.222	---	PASS
		5670	37.562	5651.618	5689.181	---	PASS
		5710	41.798	5690.739	5732.537	---	PASS
		5755	41.239	5734.221	5775.460	---	PASS
		5795	38.521	5775.500	5814.021	---	PASS

Test Graphs

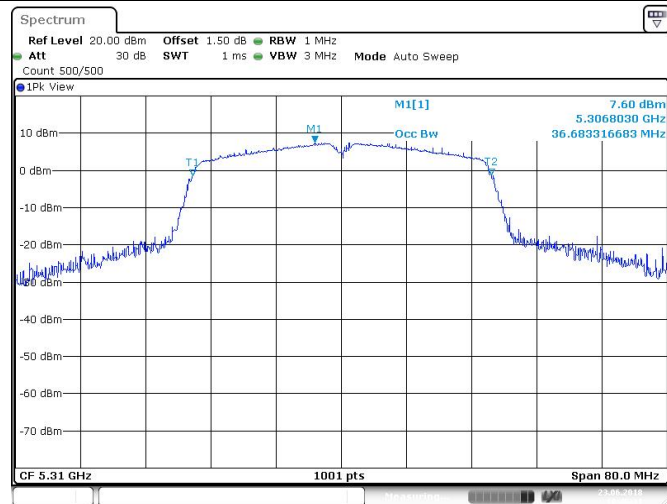


11ac VHT40_Ant1_5270

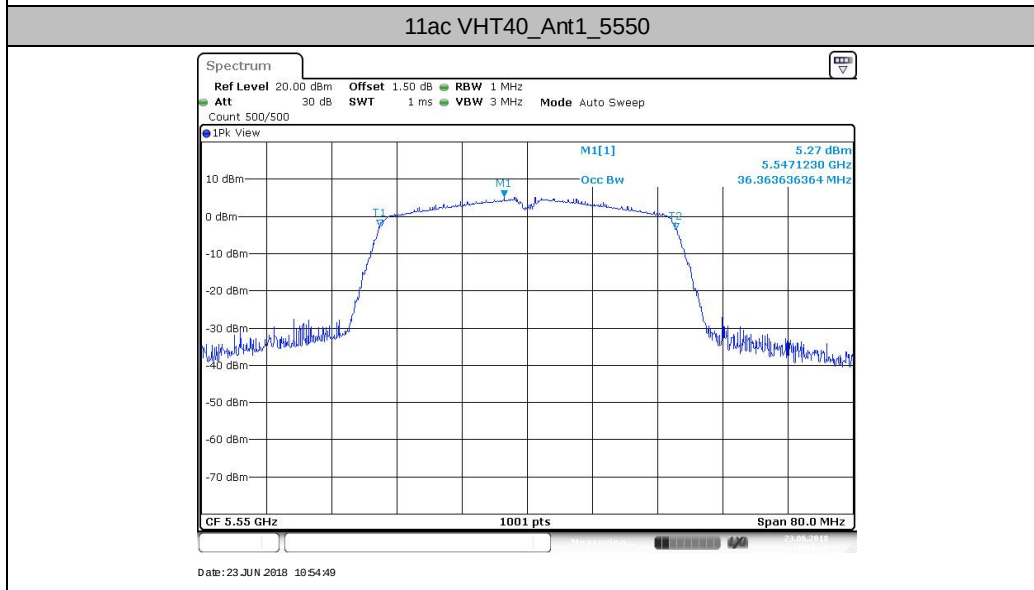
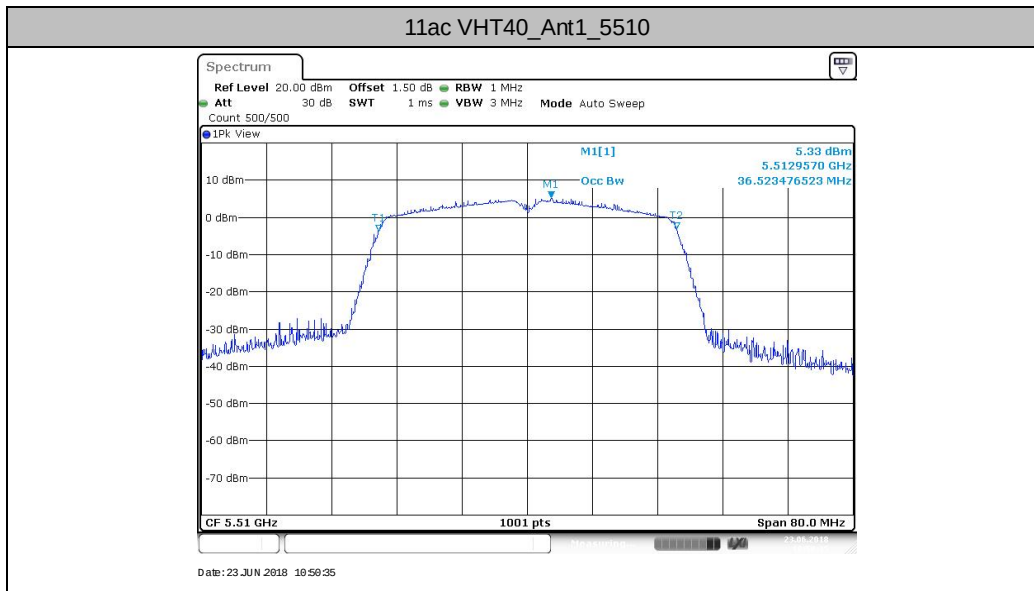


Date: 23 JUN 2018 10:38:45

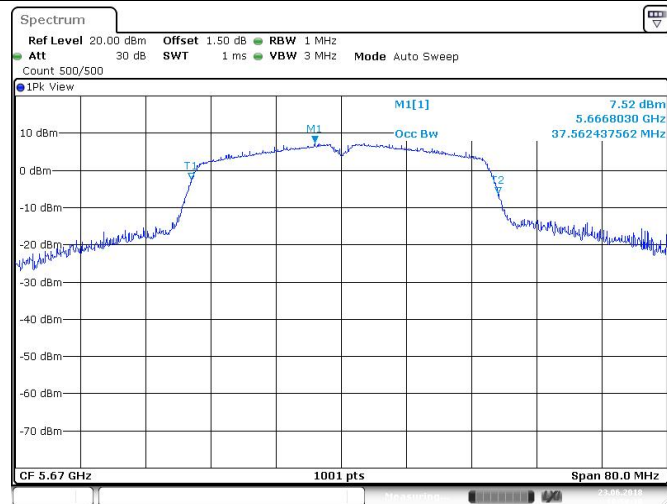
11ac VHT40_Ant1_5310



Date: 23 JUN 2018 10:45:30

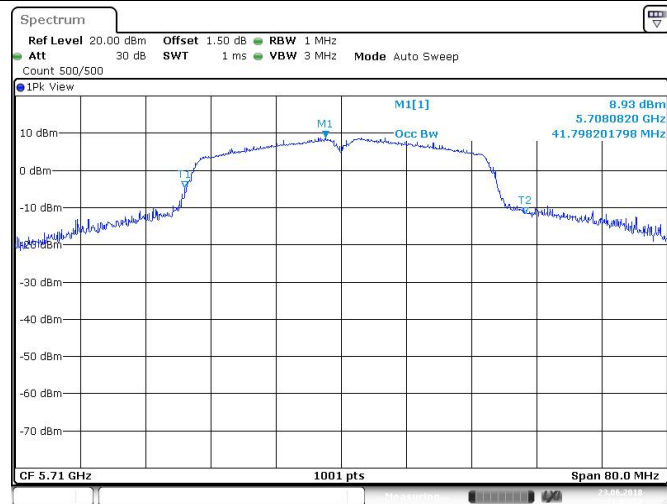


11ac VHT40_Ant1_5670



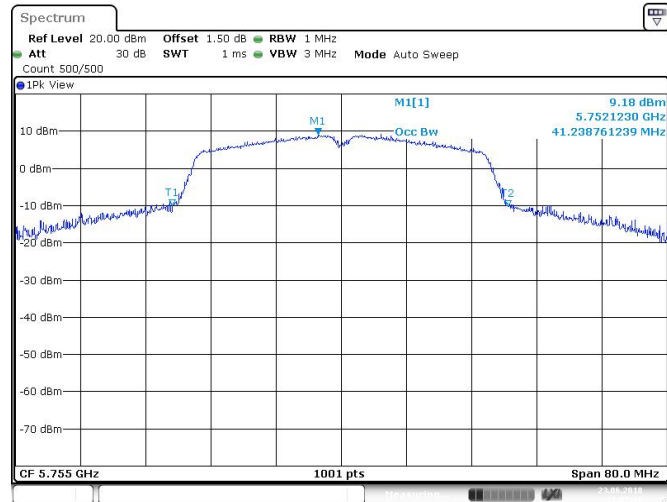
Date: 23 JUN 2018 10:58:19

11ac VHT40_Ant1_5710



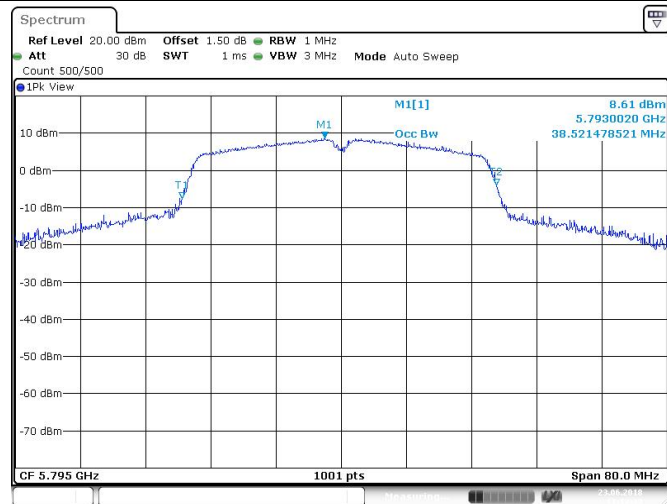
Date: 23 JUN 2018 11:03:53

11ac VHT40_Ant1_5755



Date: 23 JUN 2018 11:07:16

11ac VHT40_Ant1_5795



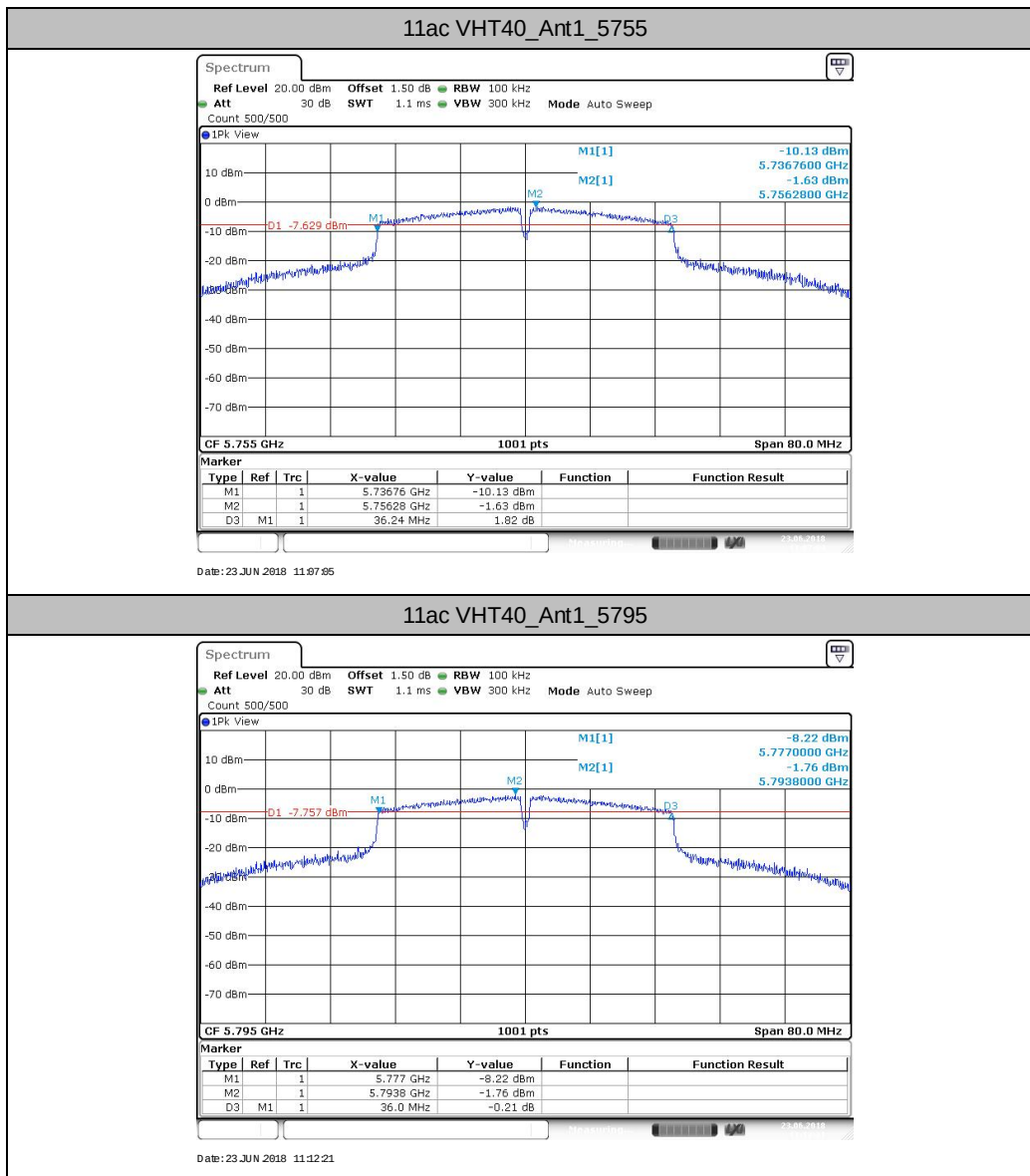
Date: 23 JUN 2018 11:12:33

Appendix E3: Min emission bandwidth

Test Result

TestMode	Antenna	Channel (MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11ac VHT40	Ant1	5755	36.240	5736.760	5773.000	0.5	PASS
		5795	36.000	5777.000	5813.000	0.5	PASS

Test Graphs



Appendix E4: Maximum conducted output power

Test Result

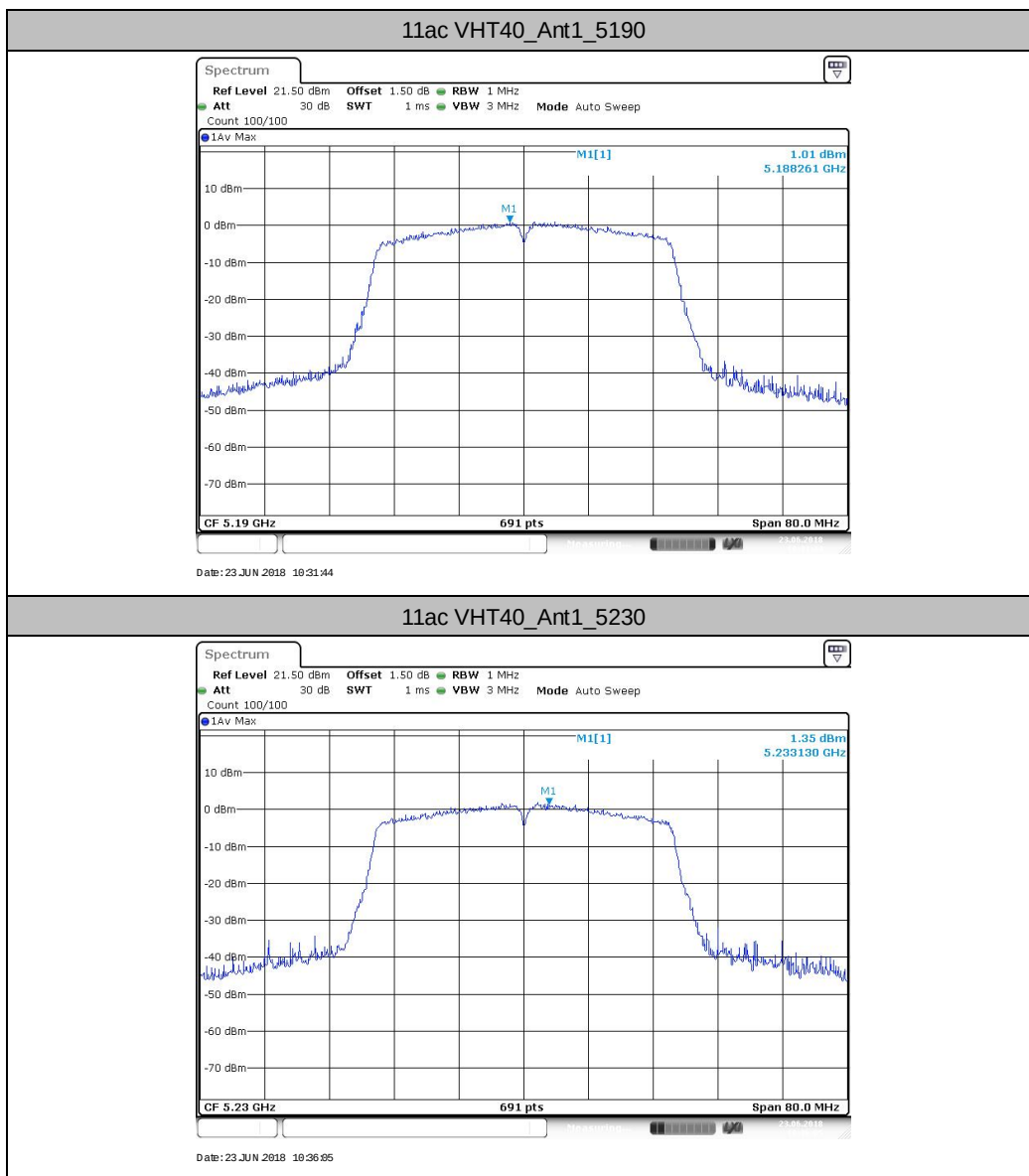
TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11ac VHT40	Ant1	5190	13.85	23.98	PASS
		5230	13.90	23.98	PASS
		5270	13.60	23.98	PASS
		5310	13.46	23.98	PASS
		5510	13.74	23.98	PASS
		5550	13.68	23.98	PASS
		5670	13.53	23.98	PASS
		5710	13.66	23.98	PASS
		5755	12.51	30	PASS
		5795	12.47	30	PASS

Appendix E5: Maximum power spectral density

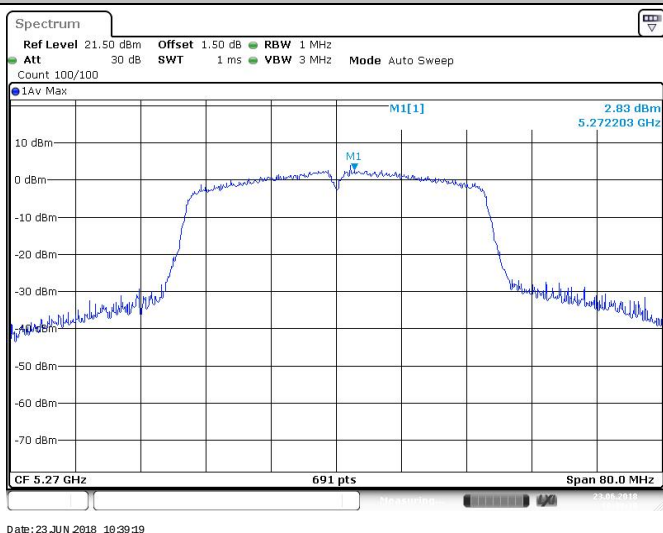
Test Result

TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11ac VHT40	Ant1	5190	1.01	11	PASS
		5230	1.35	11	PASS
		5270	2.83	11	PASS
		5310	3.61	11	PASS
		5510	1.37	11	PASS
		5550	1.28	11	PASS
		5670	3.96	11	PASS
		5755	4.24	30	PASS
		5795	4.18	30	PASS

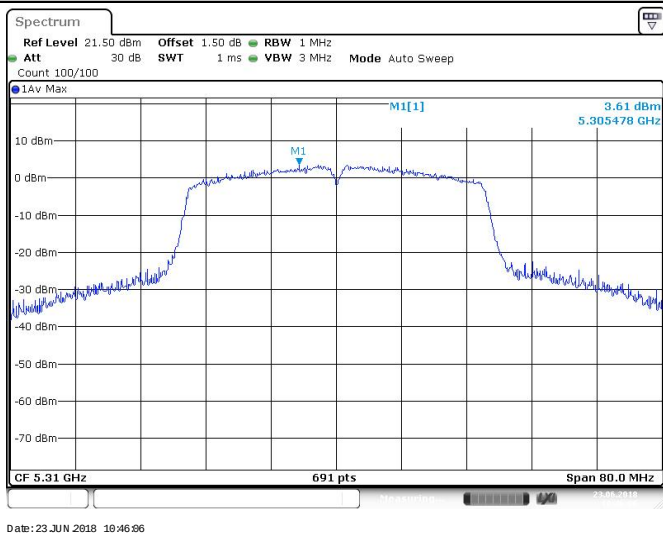
Test Graphs



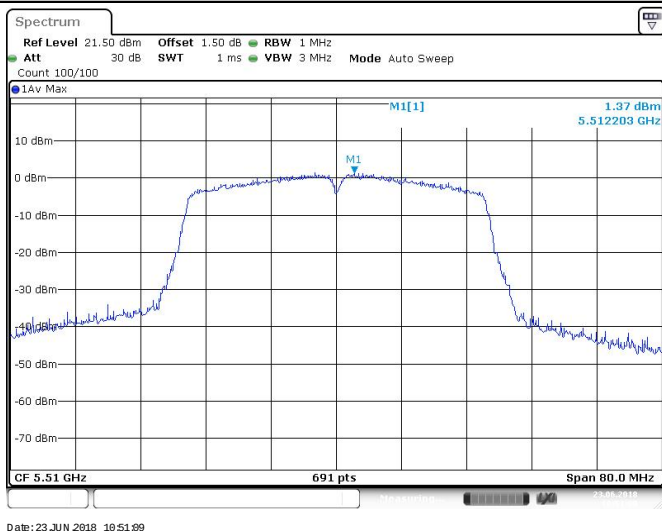
11ac VHT40_Ant1_5270



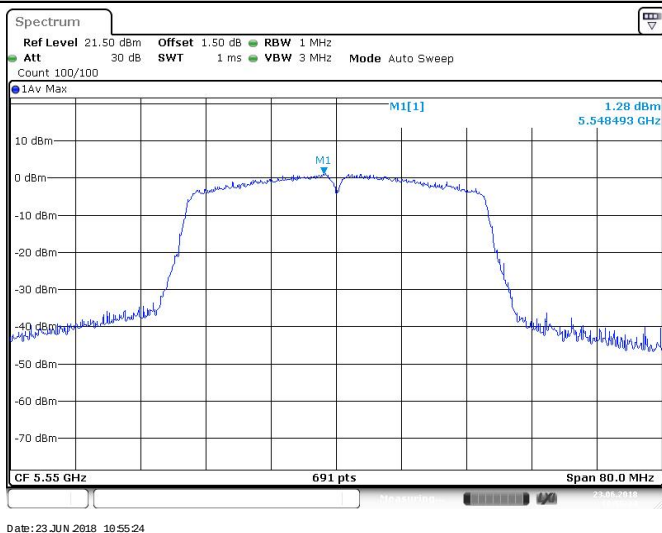
11ac VHT40_Ant1_5310



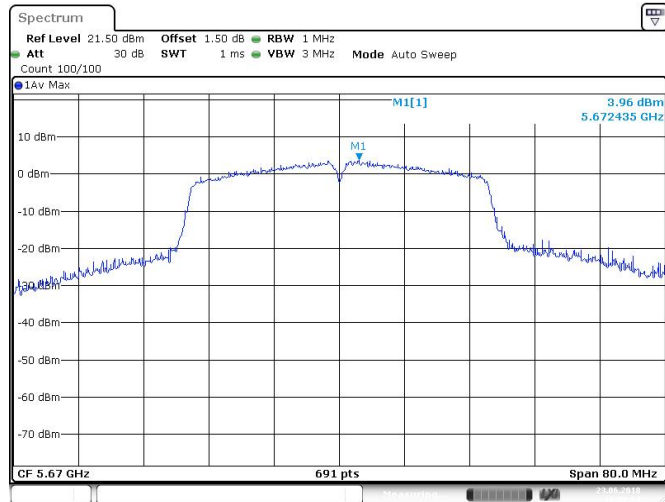
11ac VHT40_Ant1_5510



11ac VHT40_Ant1_5550

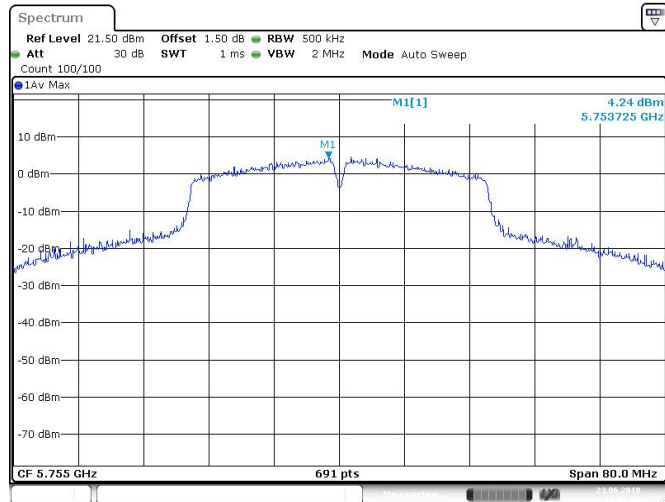


11ac VHT40_Ant1_5670

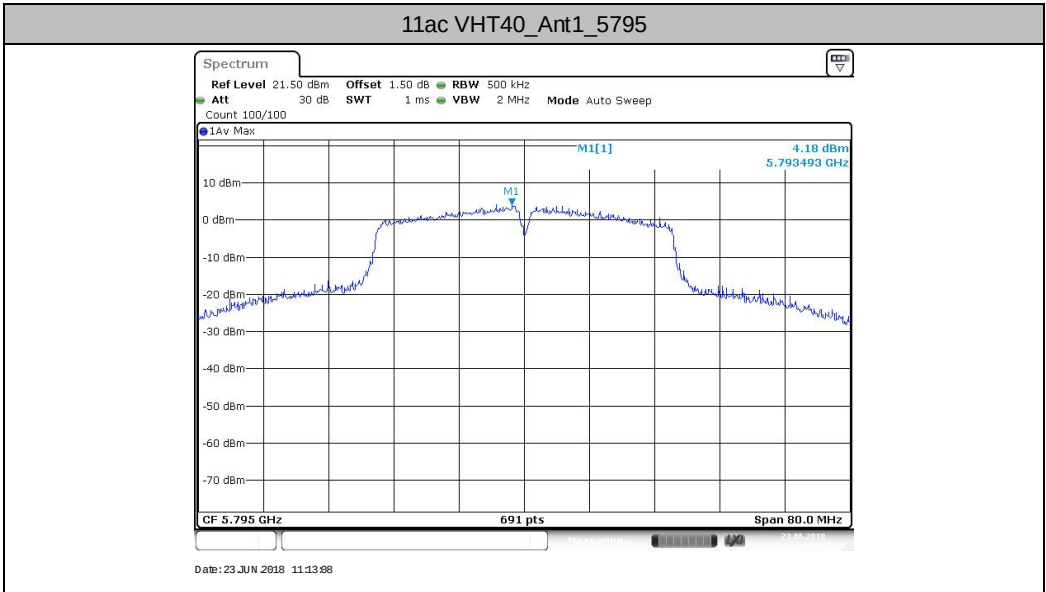


Date: 23 JUN 2018 10:58:54

11ac VHT40_Ant1_5755



Date: 23 JUN 2018 11:07:51



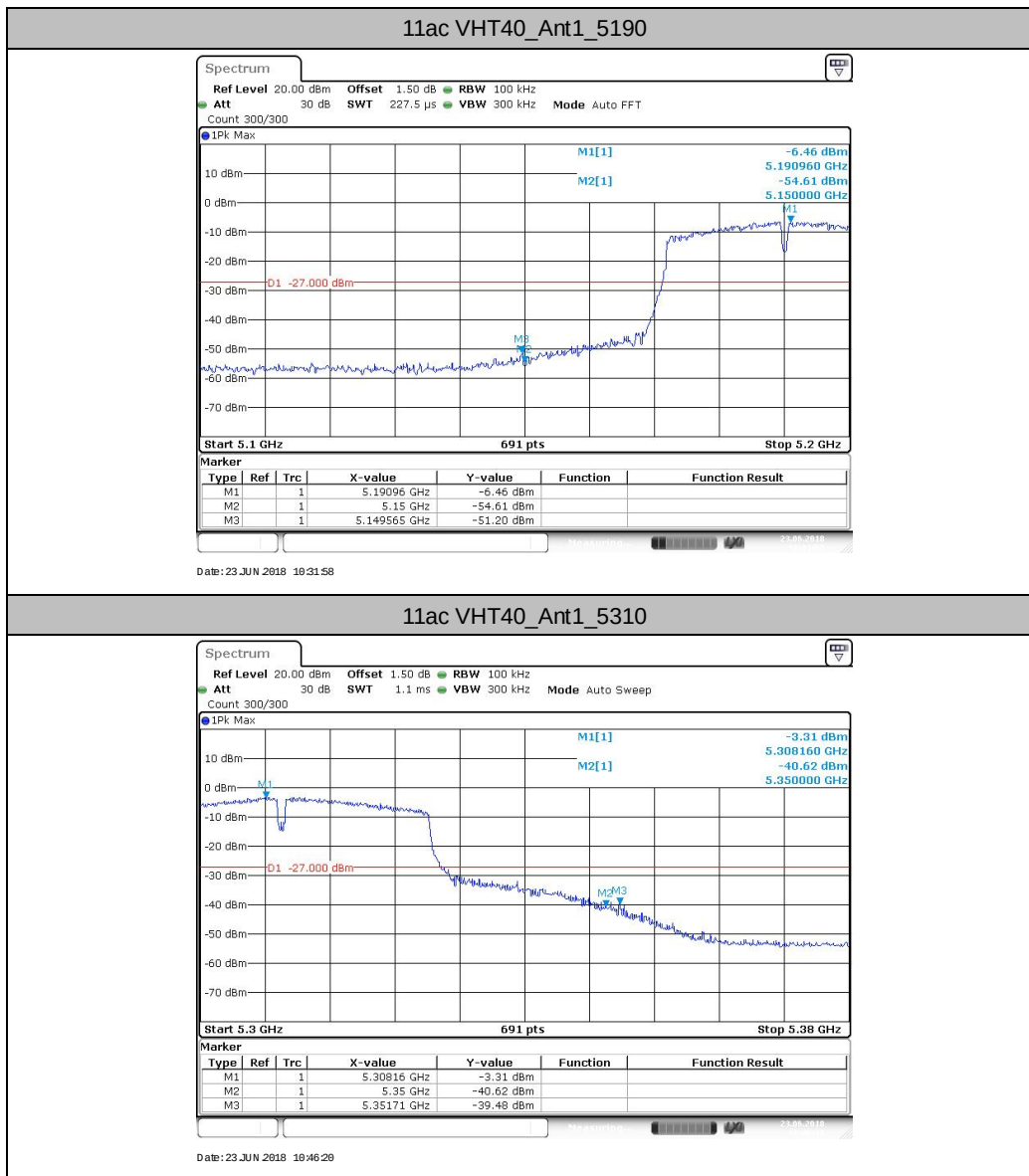
Appendix E6: Band edge measurements

Test Result

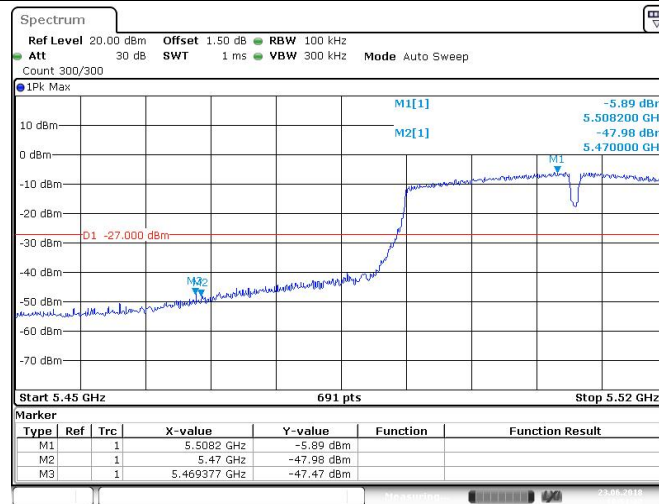
TestMode	Antenna	ChName	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11ac VHT40	Ant1	Low	5190	-51.2	-27	PASS
		High	5310	-39.48	-27	PASS
		Low	5510	-47.47	-27	PASS
		High	5670	-47.07	-27	PASS

TestMode	Antenna	ChName	Channel (MHz)	FreqRange (MHz)	Result (dBm)	Limit (dBm)	Verdict
11ac VHT40	Ant1	Low	5755	5650~5700	-43.33	9.55	PASS
		Low	5755	5700~5720	-26.46	15.58	PASS
		Low	5755	5720~5725	-25.83	24.82	PASS
		Low	5755	5780~5650	-54.76	-27	PASS
		High	5795	5850~5855	-49.08	16.39	PASS
		High	5795	5855~5875	-50.5	10.10	PASS
		High	5795	5875~5925	-53.62	2.01	PASS
		High	5795	5925~5935	-54.37	-27	PASS

Test Graphs

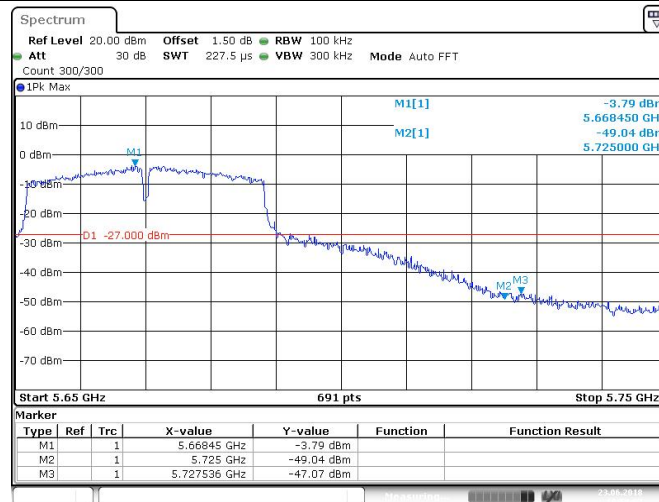


11ac VHT40_Ant1_5510



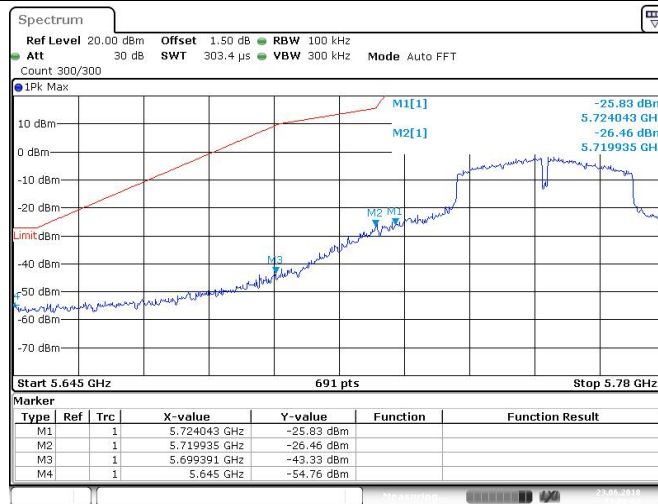
Date: 23 JUN 2018 10:51:23

11ac VHT40_Ant1_5670

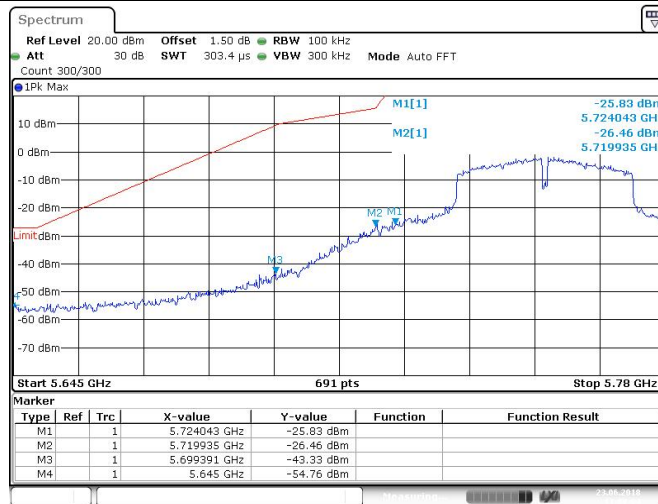


Date: 23 JUN 2018 10:59:07

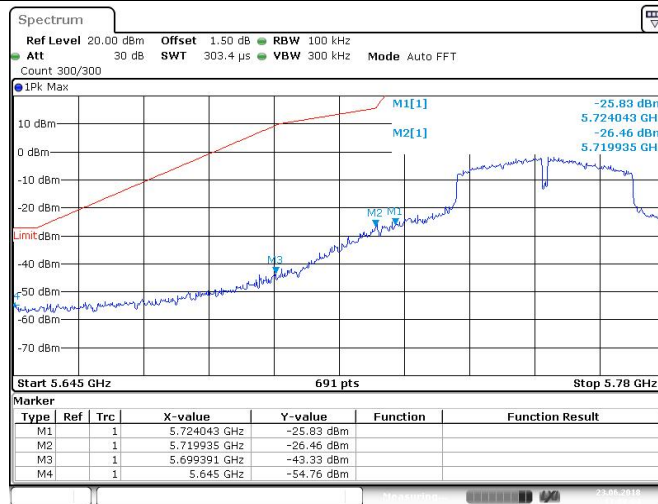
11ac VHT40_Ant1_5755



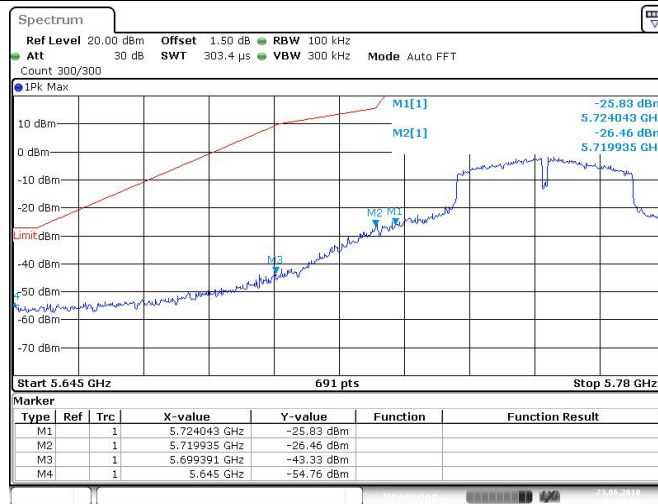
11ac VHT40_Ant1_5755



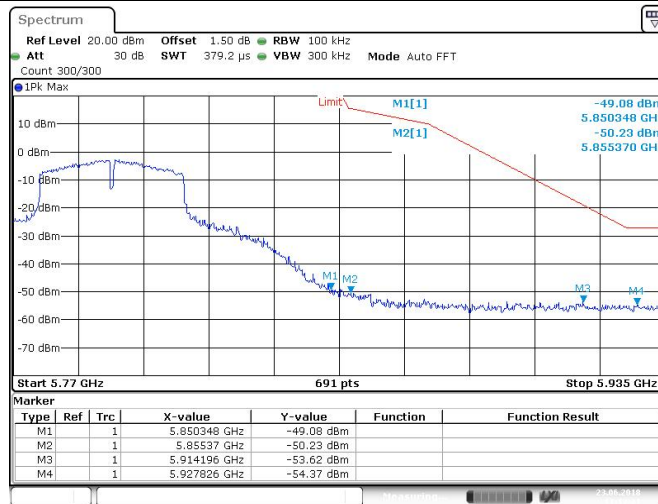
11ac VHT40_Ant1_5755



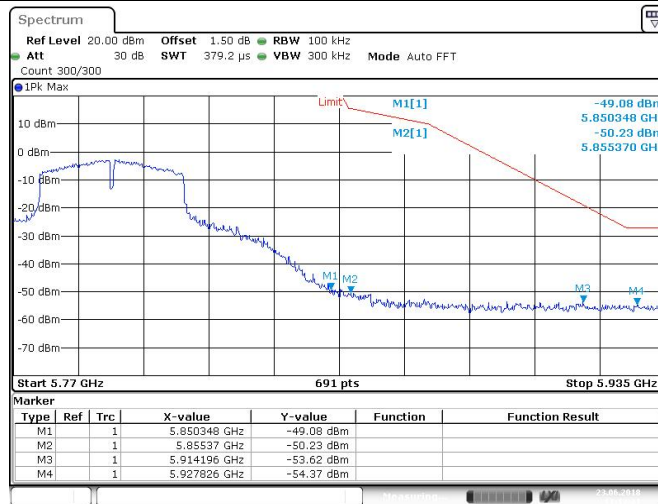
11ac VHT40_Ant1_5755



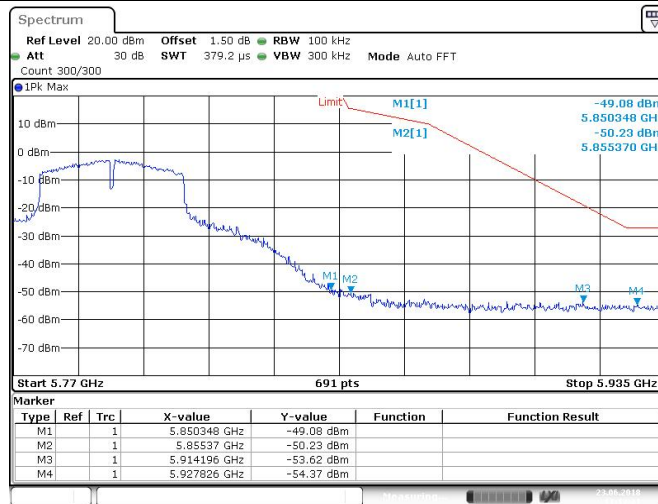
11ac VHT40_Ant1_5795



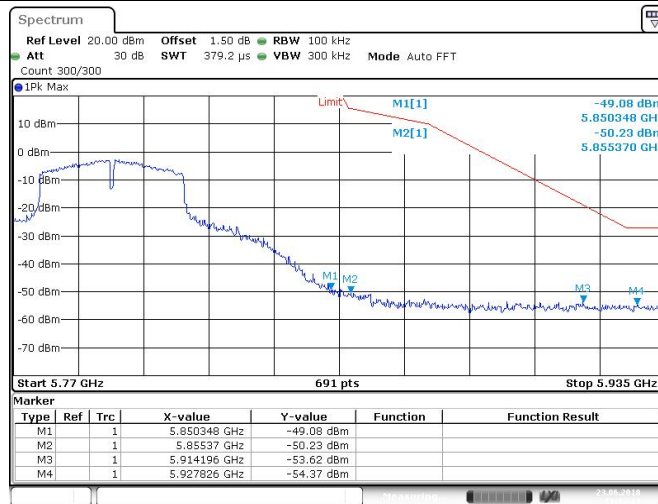
11ac VHT40_Ant1_5795



11ac VHT40_Ant1_5795



11ac VHT40_Ant1_5795

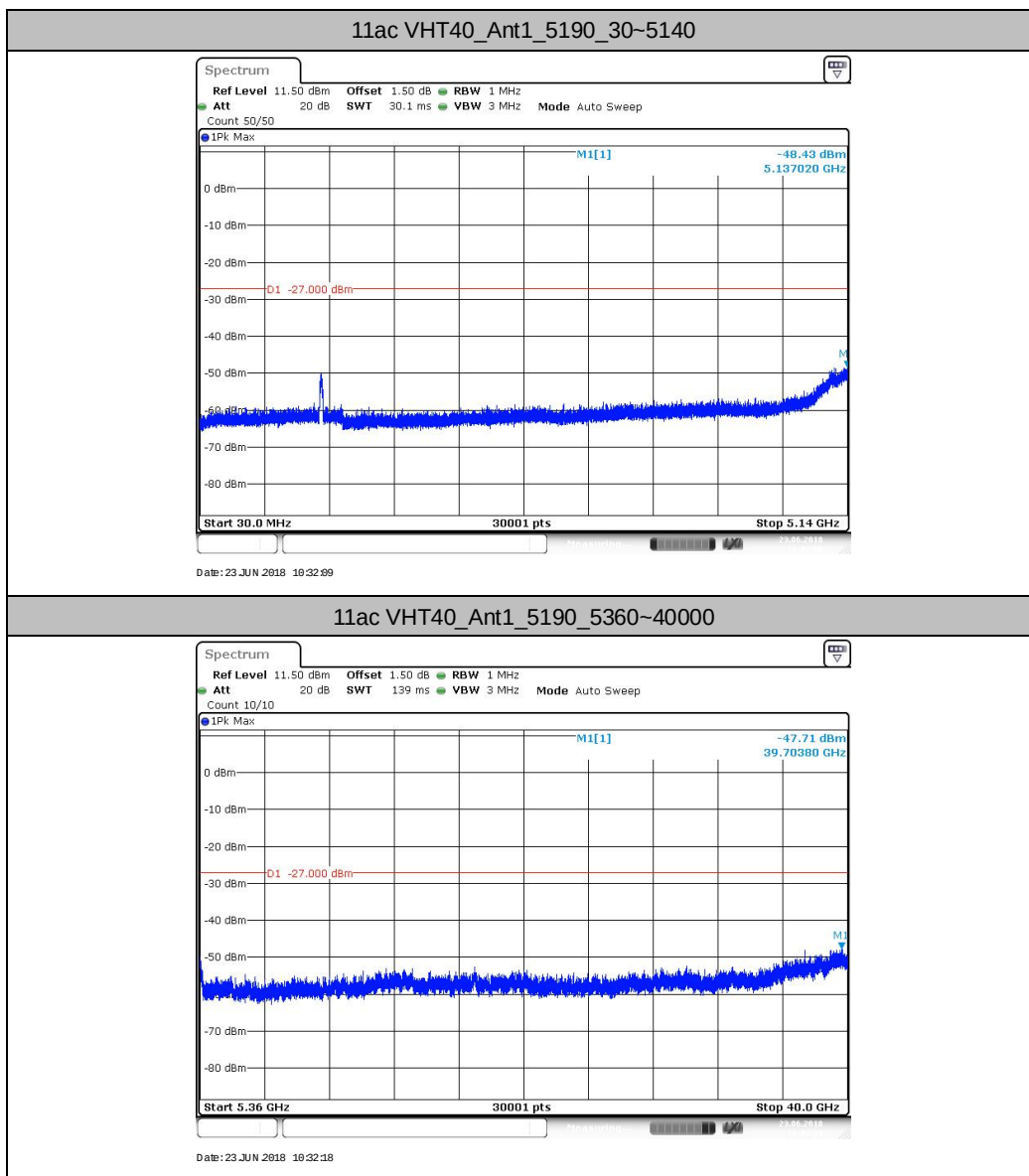


Appendix E7: Conducted Spurious Emission

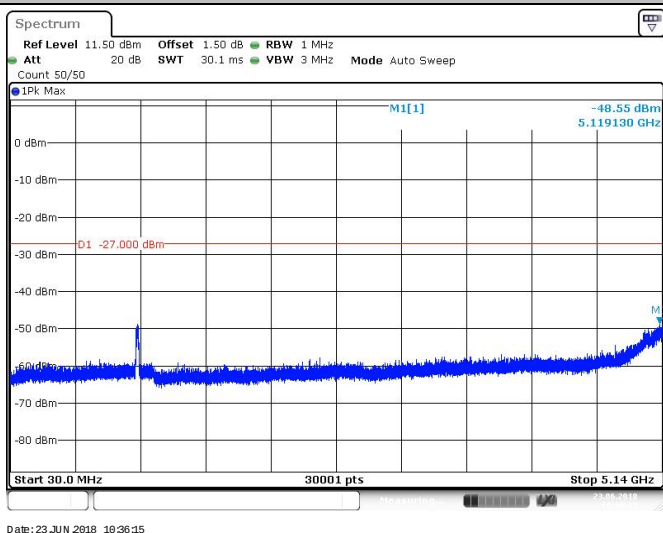
Test Result

TestMode	Antenna	Channel (MHz)	FreqRange (MHz)	Max. Fre (MHz)	Max. Level (dBm)	Limit (dBm)	Verdict
11ac VHT40	Ant1	5190	30~5140	5137.02	-48.43	-27	PASS
		5190	5360~40000	39703.80	-47.71	-27	PASS
		5230	30~5140	5119.13	-48.55	-27	PASS
		5230	5360~40000	5365.20	-46.38	-27	PASS
		5270	30~5140	1062.27	-48.68	-27	PASS
		5270	5360~40000	5360.60	-46.79	-27	PASS
		5310	30~5140	1105.02	-48.67	-27	PASS
		5310	5360~40000	5360.60	-44.86	-27	PASS
		5510	30~5460	5435.66	-46.23	-27	PASS
		5510	5735~40000	39711.60	-47.29	-27	PASS
		5550	30~5460	5439.64	-47.54	-27	PASS
		5550	5735~40000	39242.20	-47.05	-27	PASS
		5670	30~5460	5449.95	-51.01	-27	PASS
		5670	5735~40000	5742.40	-40.82	-27	PASS
		5755	30~5650	5639.98	-47.12	-27	PASS
		5755	5925~40000	17261.90	-40.39	-27	PASS
		5795	30~5650	5645.41	-49.71	-27	PASS
		5795	5925~40000	17385.70	-40.03	-27	PASS

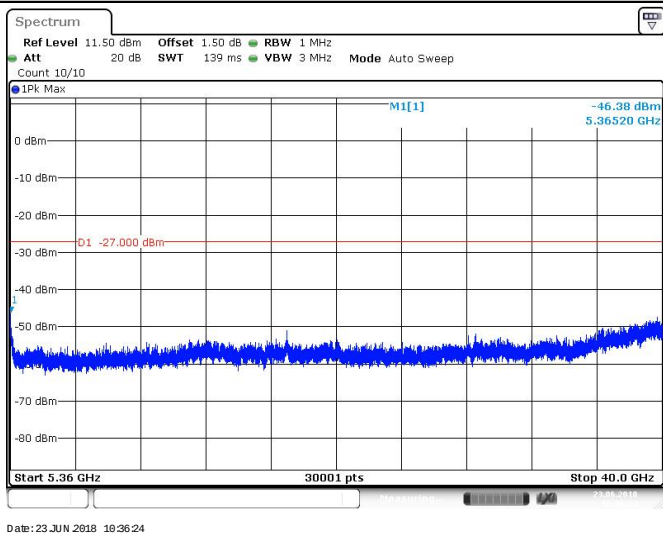
Test Graphs

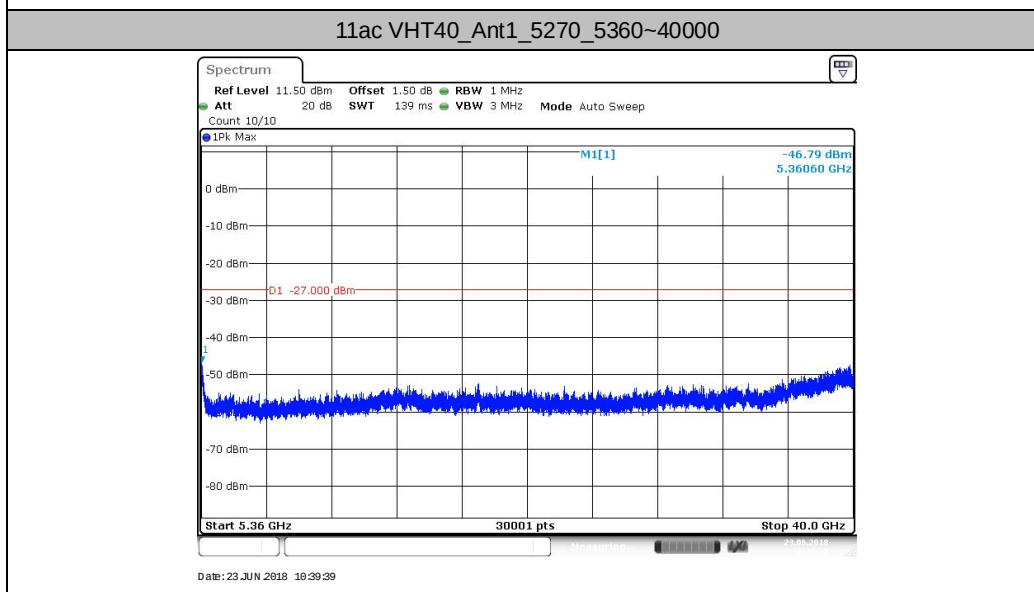
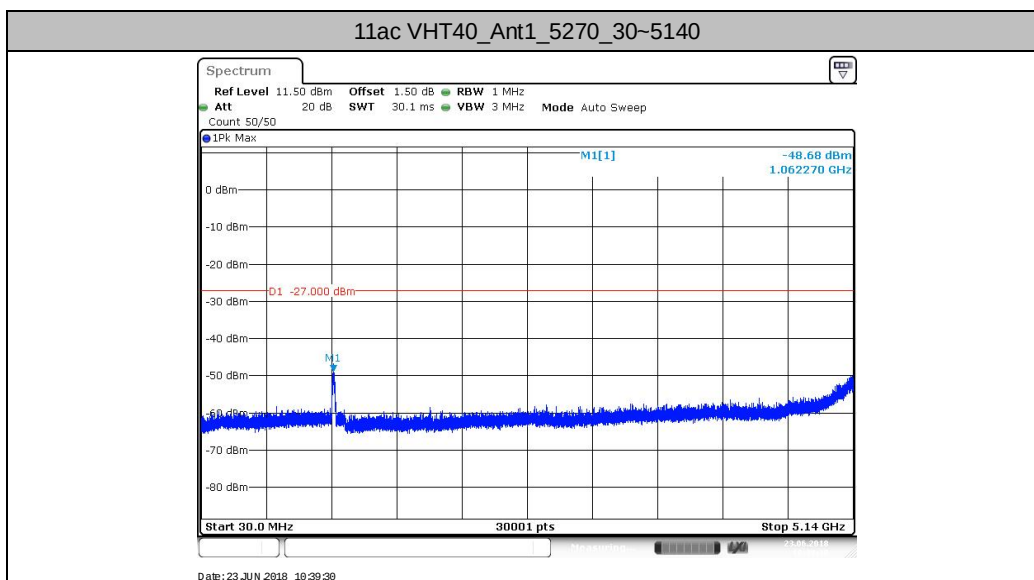


11ac VHT40_Ant1_5230_30~5140

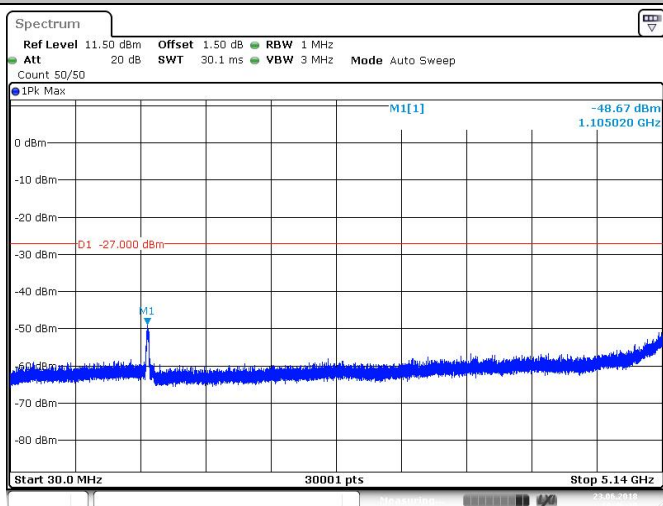


11ac VHT40_Ant1_5230_5360~40000



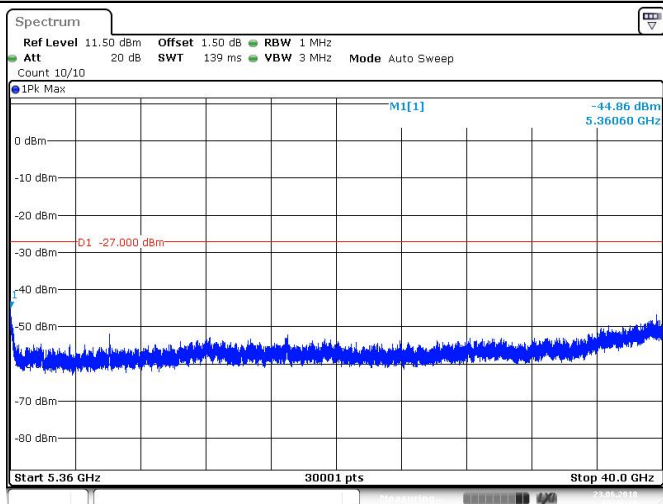


11ac VHT40_Ant1_5310_30~5140



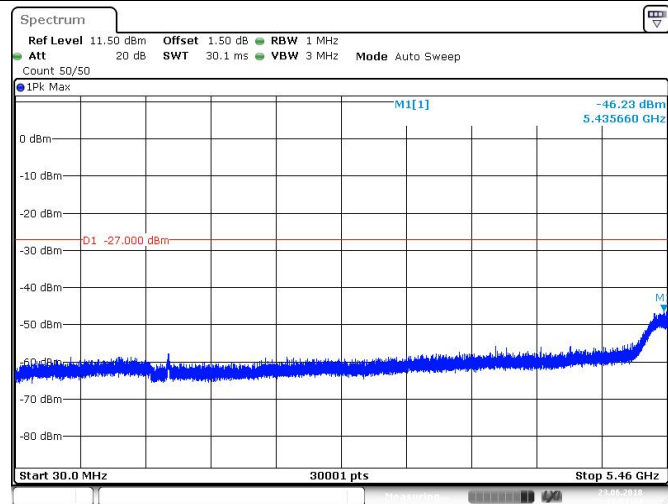
Date: 23 JUN 2018 10:46:31

11ac VHT40_Ant1_5310_5360~40000



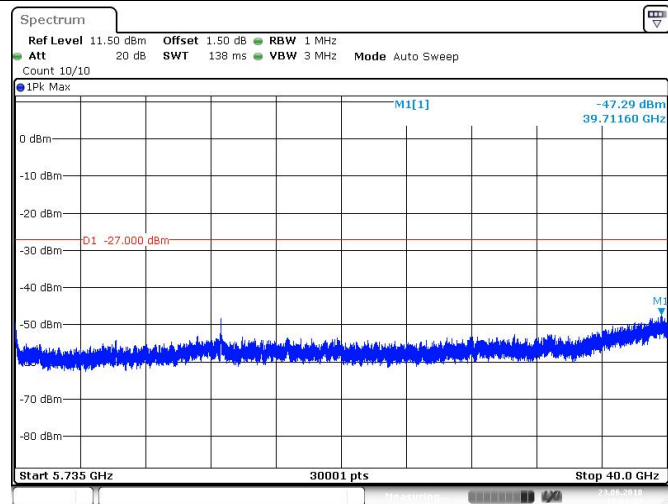
Date: 23 JUN 2018 10:46:39

11ac VHT40_Ant1_5510_30~5460



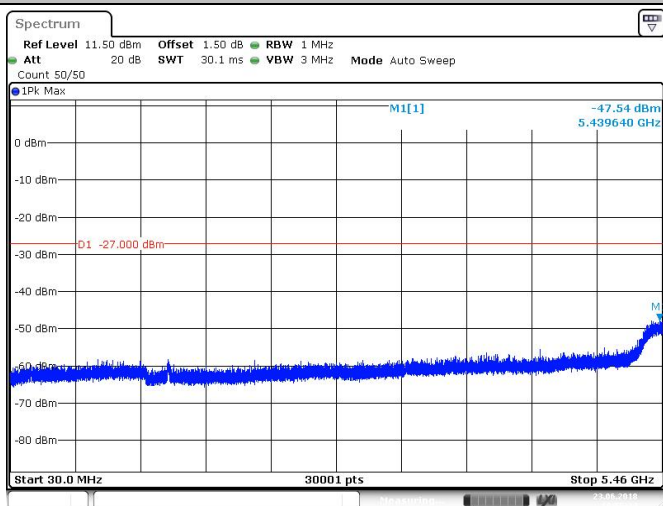
Date: 23 JUN 2018 10:51:33

11ac VHT40_Ant1_5510_5735~40000



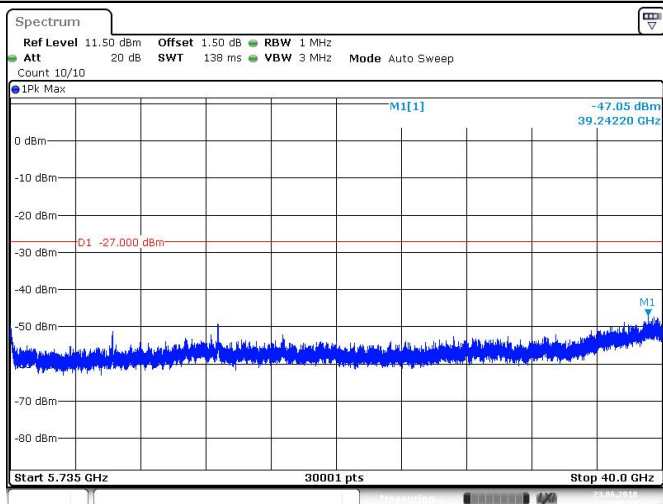
Date: 23 JUN 2018 10:51:42

11ac VHT40_Ant1_5550_30~5460



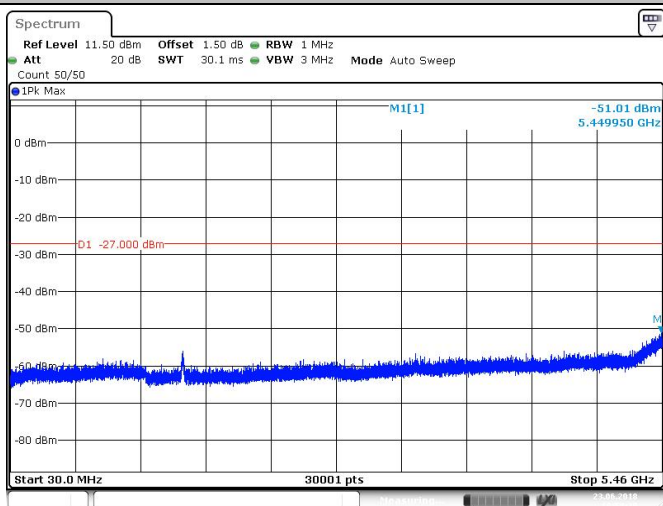
Date: 23 JUN 2018 10:55:35

11ac VHT40_Ant1_5550_5735~40000



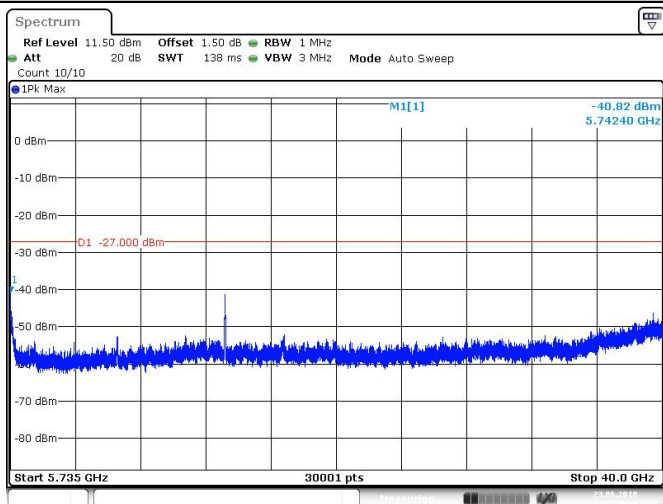
Date: 23 JUN 2018 10:55:43

11ac VHT40_Ant1_5670_30~5460



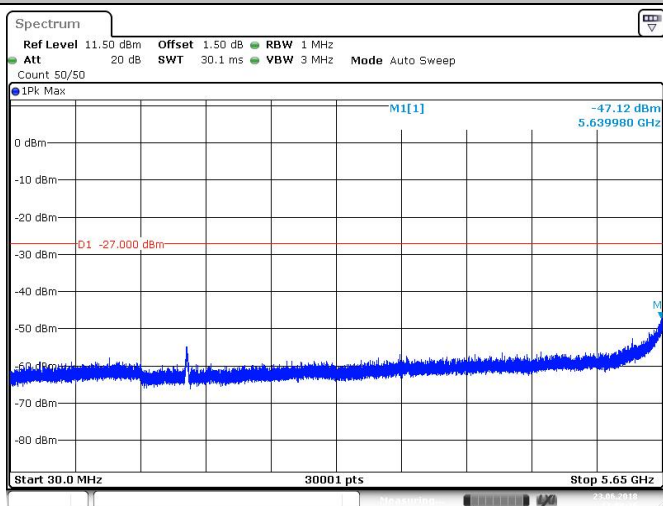
Date: 23 JUN 2018 10:59:18

11ac VHT40_Ant1_5670_5735~40000



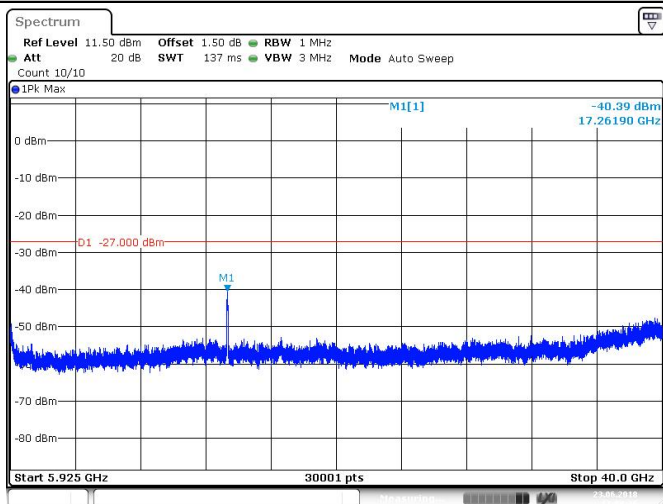
Date: 23 JUN 2018 10:59:27

11ac VHT40_Ant1_5755_30~5650



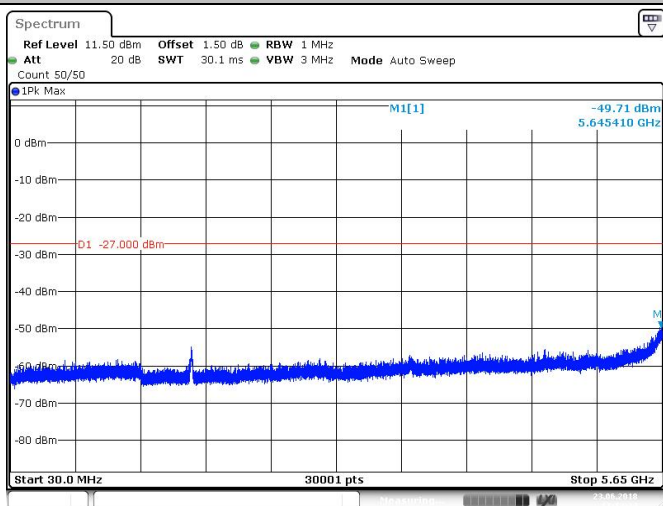
Date: 23 JUN 2018 11:08:17

11ac VHT40_Ant1_5755_5925~40000



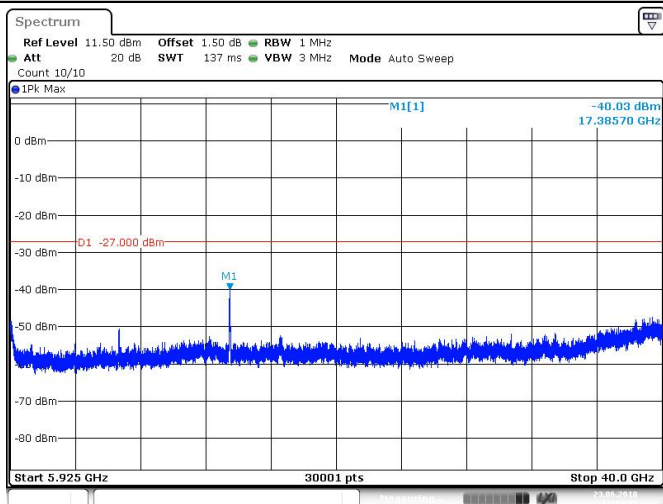
Date: 23 JUN 2018 11:08:26

11ac VHT40_Ant1_5795_30~5650



Date: 23 JUN 2018 11:13:34

11ac VHT40_Ant1_5795_5925~40000



Date: 23 JUN 2018 11:13:43

Appendix E8: Frequency Stability

Test Result

TestMod e	Antenn a	Voltage						
		Channe l (MHz)	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11ac VHT40	Ant1	5190	NV	NT	30000	5.780347	20	PASS
		5190	LV	NT	0	0	20	PASS
		5190	HV	NT	90000	17.34104	20	PASS
		5230	NV	NT	0	0	20	PASS
		5230	LV	NT	0	0	20	PASS
		5230	HV	NT	0	0	20	PASS
		5270	NV	NT	30000	5.6926	20	PASS
		5270	LV	NT	30000	5.6926	20	PASS
		5270	HV	NT	30000	5.6926	20	PASS
		5310	NV	NT	0	0	20	PASS
		5310	LV	NT	30000	5.649718	20	PASS
		5310	HV	NT	0	0	20	PASS
		5510	NV	NT	30000	5.444646	20	PASS
		5510	LV	NT	0	0	20	PASS
		5510	HV	NT	30000	5.444646	20	PASS
		5550	NV	NT	0	0	20	PASS
		5550	LV	NT	0	0	20	PASS
		5550	HV	NT	-30000	-5.405405	20	PASS
		5670	NV	NT	30000	5.291005	20	PASS
		5670	LV	NT	0	0	20	PASS
		5670	HV	NT	0	0	20	PASS
		5755	NV	NT	0	0	20	PASS
		5755	LV	NT	0	0	20	PASS
		5755	HV	NT	0	0	20	PASS
		5795	NV	NT	0	0	20	PASS
		5795	LV	NT	30000	5.176877	20	PASS
		5795	HV	NT	0	0	20	PASS

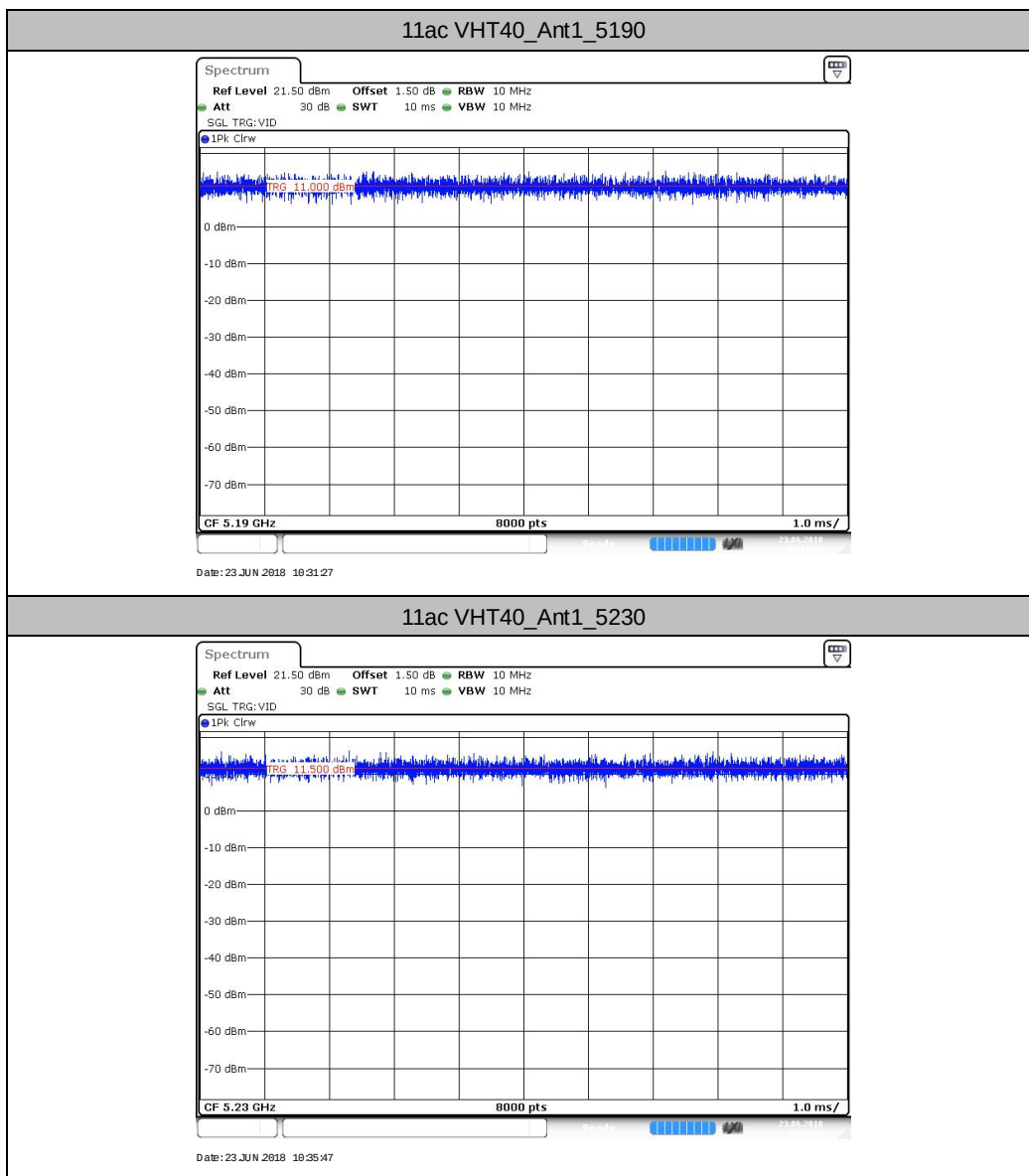
Temperature								
TestMod e	Antenn a	Channe l (MHz)	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11ac VHT40	Ant1	5190	NV	-5	30000	5.780347	20	PASS
		5190	NV	50	30000	5.780347	20	PASS
		5230	NV	-5	30000	5.736138	20	PASS
		5230	NV	50	0	0	20	PASS
		5270	NV	-5	0	0	20	PASS
		5270	NV	50	0	0	20	PASS
		5310	NV	-5	0	0	20	PASS
		5310	NV	50	0	0	20	PASS
		5510	NV	-5	0	0	20	PASS
		5510	NV	50	0	0	20	PASS
		5550	NV	-5	0	0	20	PASS
		5550	NV	50	0	0	20	PASS
		5670	NV	-5	0	0	20	PASS
		5670	NV	50	30000	5.291005	20	PASS
		5755	NV	-5	0	0	20	PASS
		5755	NV	50	0	0	20	PASS
		5795	NV	-5	0	0	20	PASS
		5795	NV	50	-30000	-5.176877	20	PASS

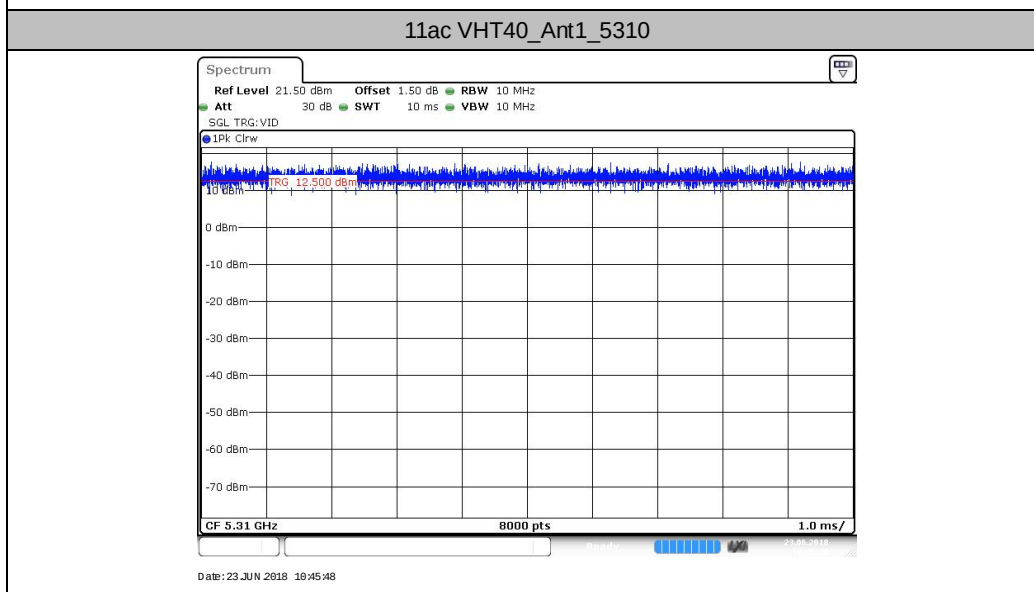
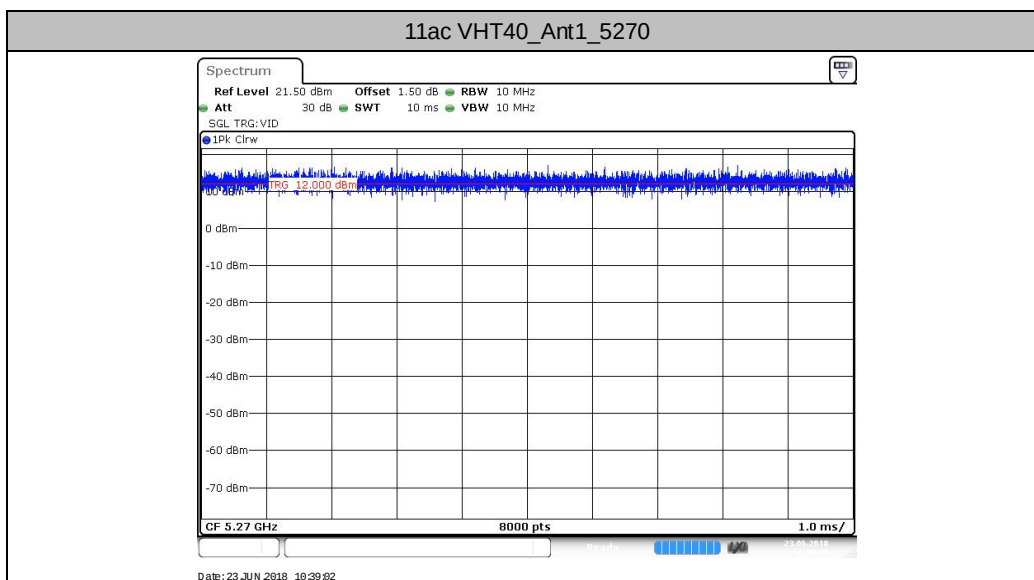
Appendix E9: Duty Cycle

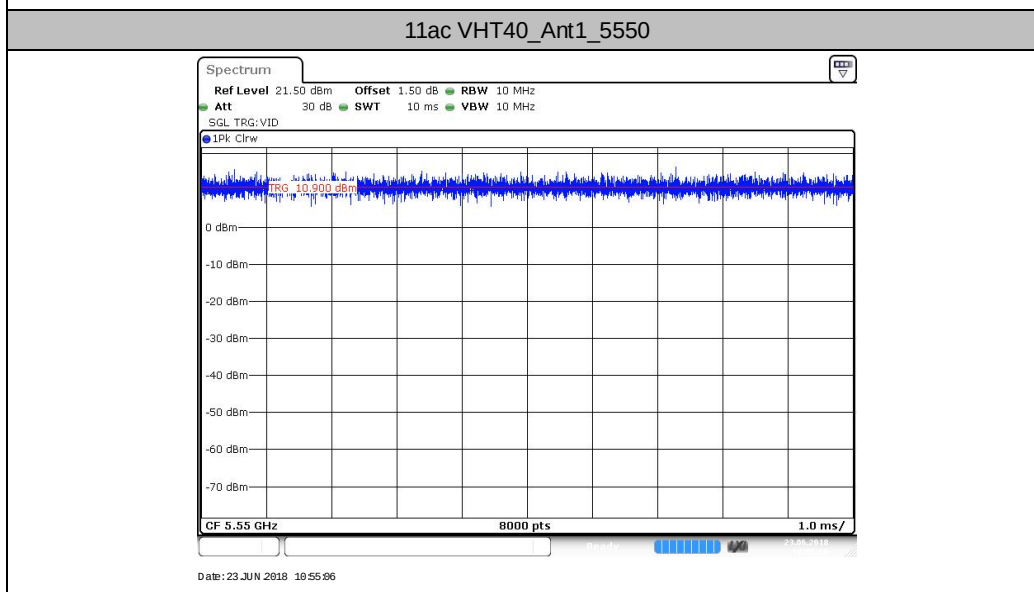
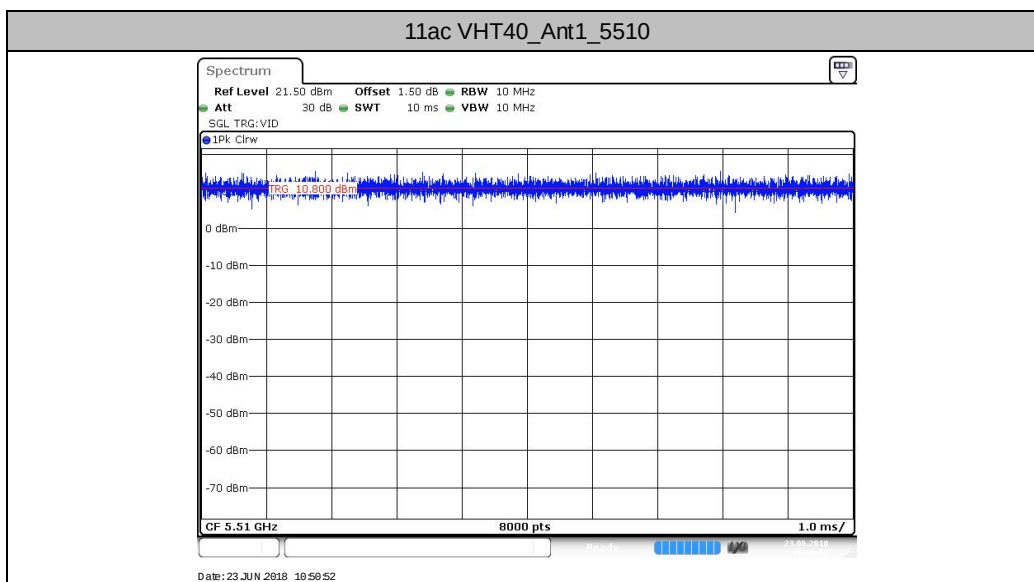
Test Result

TestMode	Antenna	Channel (MHz)	Duty Cycle [%]
11ac VHT40	Ant1	5190	100
		5230	100
		5270	100
		5310	100
		5510	100
		5550	100
		5670	100
		5755	100
		5795	100

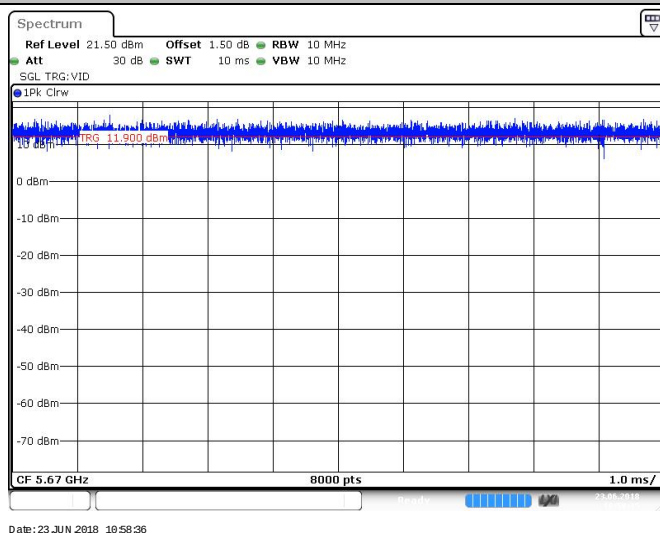
Test Graphs







11ac VHT40_Ant1_5670



11ac VHT40_Ant1_5755

