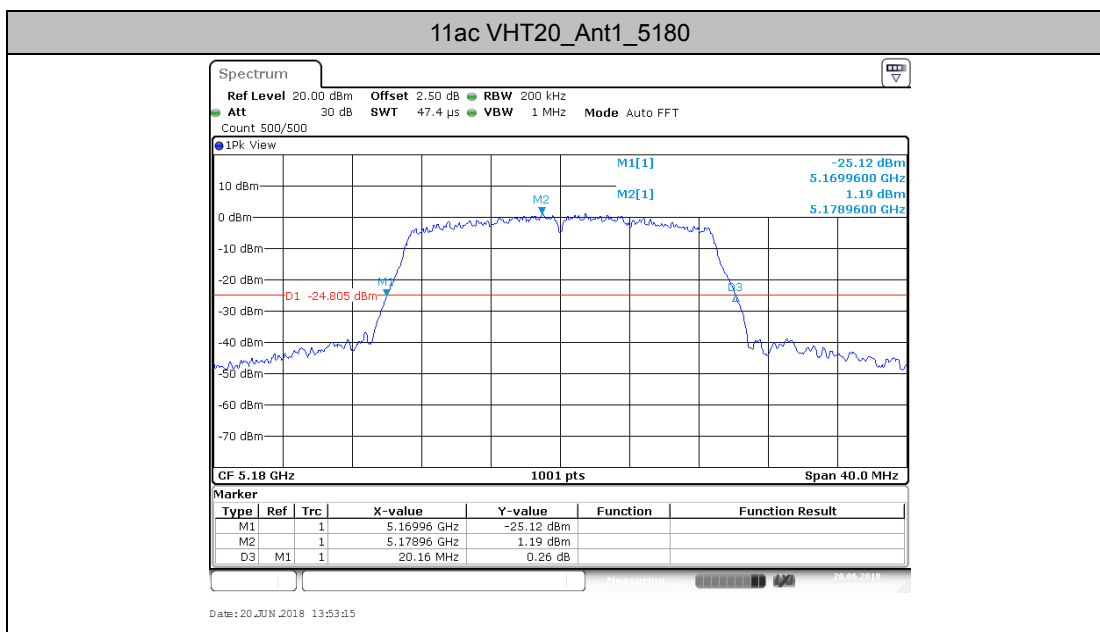


Appendix B1: Emission Bandwidth

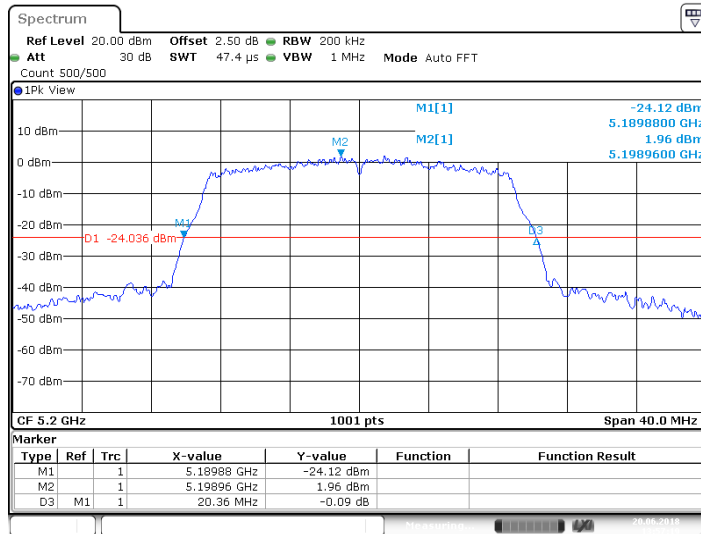
Test Result

TestMode	Antenna	Channel (MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11ac VHT20	Ant1	5180	20.160	5169.960	5190.120	---	PASS
		5200	20.360	5189.880	5210.240	---	PASS
		5240	20.360	5229.880	5250.240	---	PASS
		5260	20.320	5249.800	5270.120	---	PASS
		5280	20.400	5269.800	5290.200	---	PASS
		5320	20.400	5309.880	5330.280	---	PASS
		5500	20.480	5489.720	5510.200	---	PASS
		5580	20.200	5569.920	5590.120	---	PASS
		5700	19.960	5690.120	5710.080	---	PASS
		5720	20.040	5709.960	5730.000	---	PASS
		5745	20.040	5735.000	5755.040	---	PASS
		5785	20.000	5775.080	5795.080	---	PASS
5825	20.080	5814.920	5835.000	---	PASS		

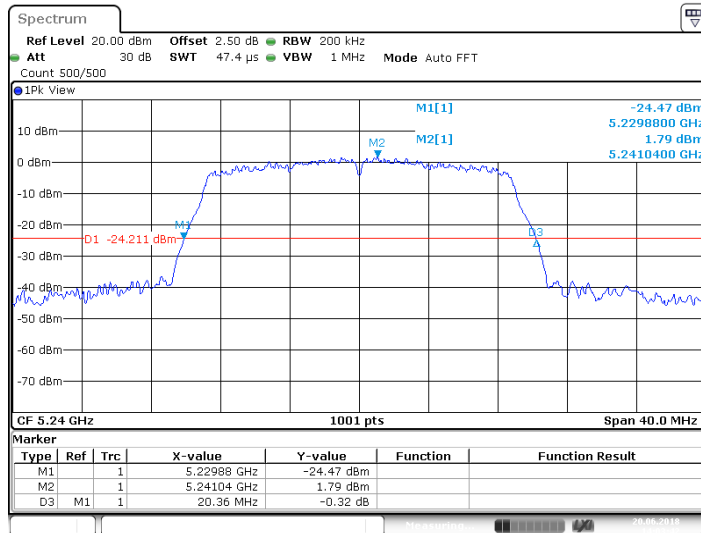
Test Graphs

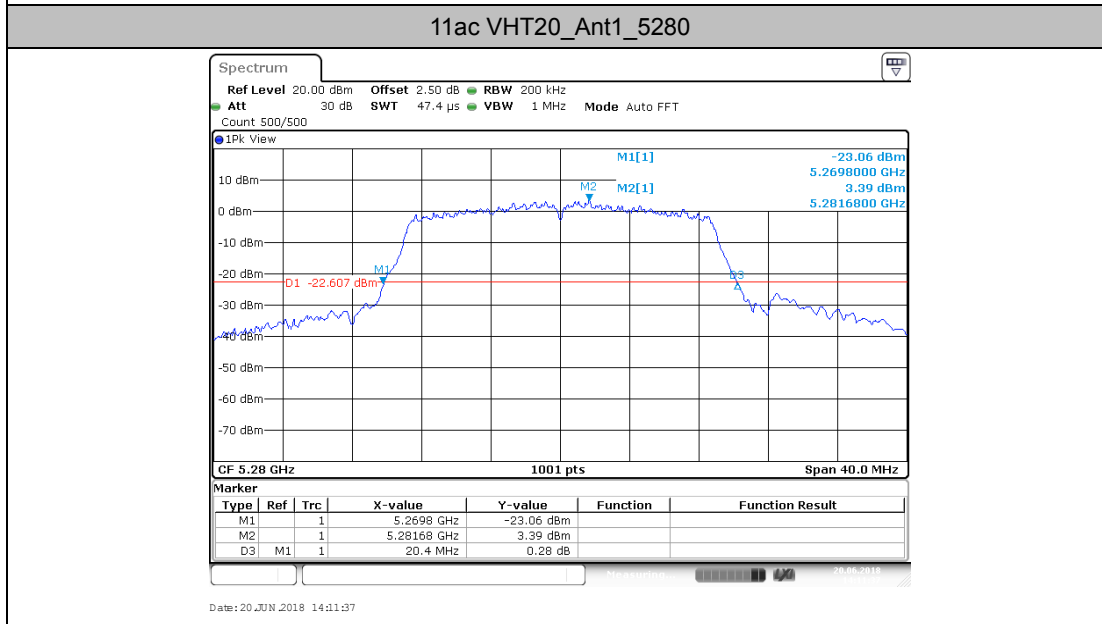
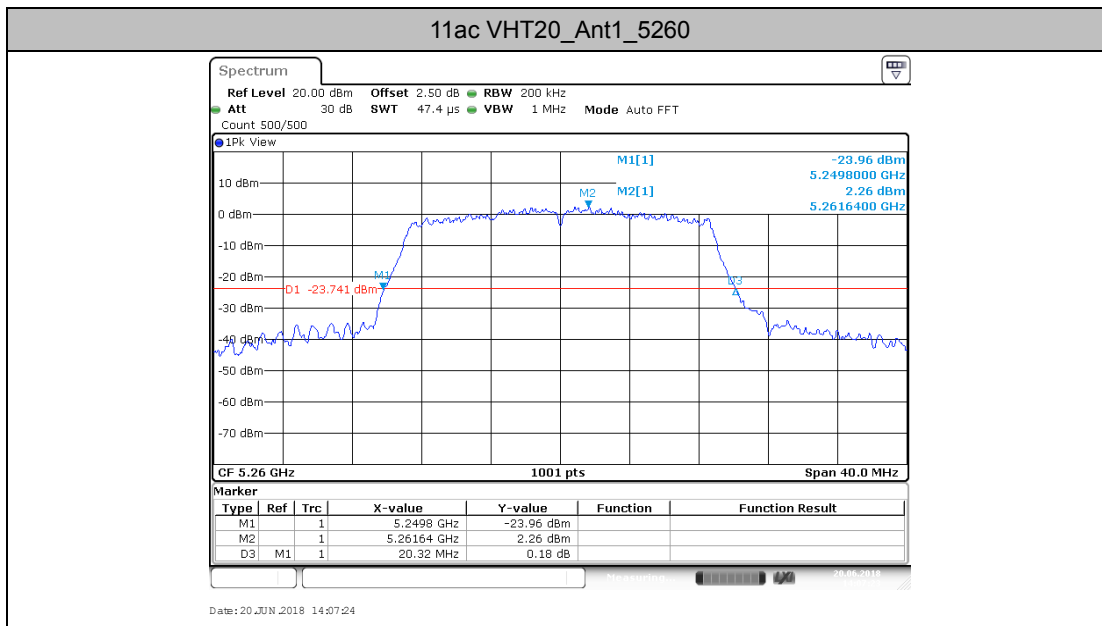


11ac VHT20_Ant1_5200

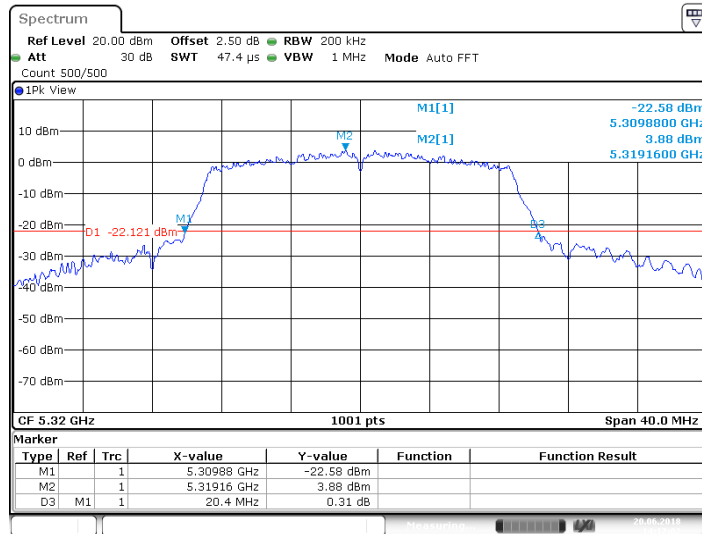


11ac VHT20_Ant1_5240

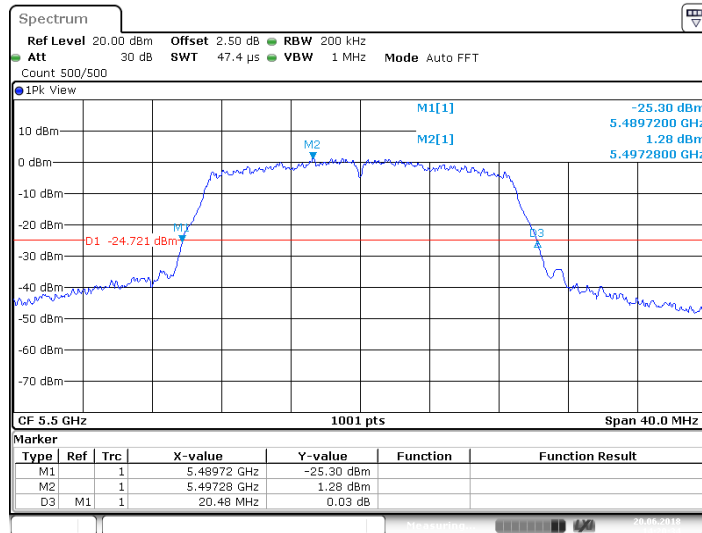


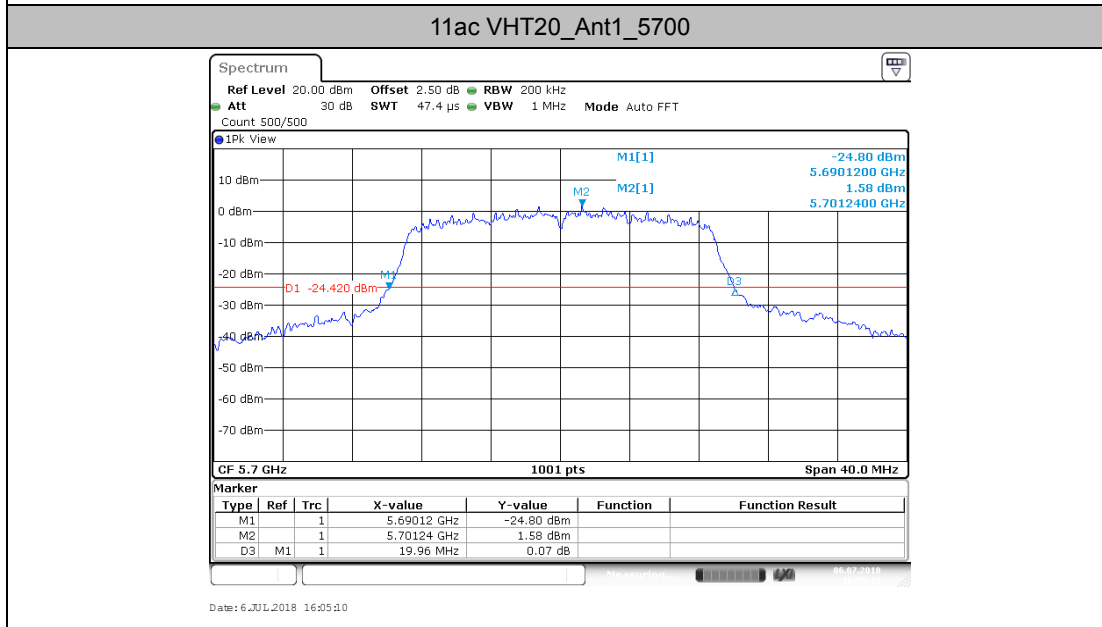
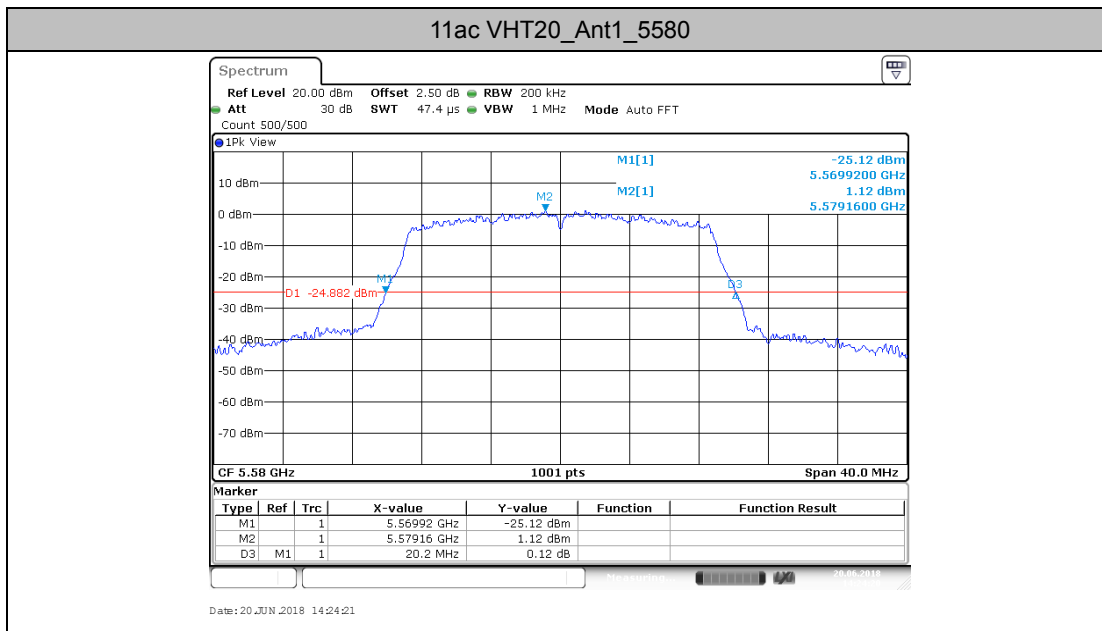


11ac VHT20_Ant1_5320



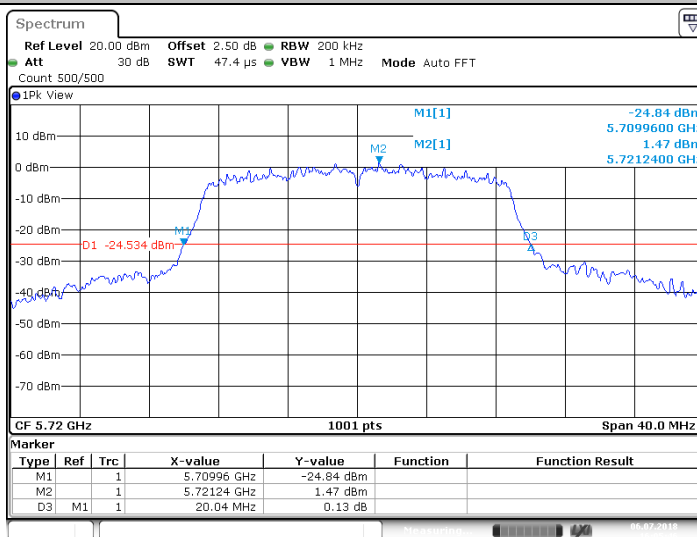
11ac VHT20_Ant1_5500



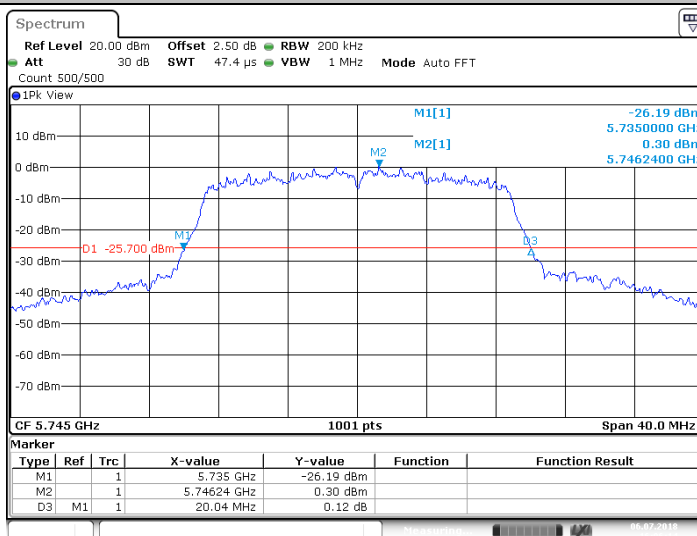




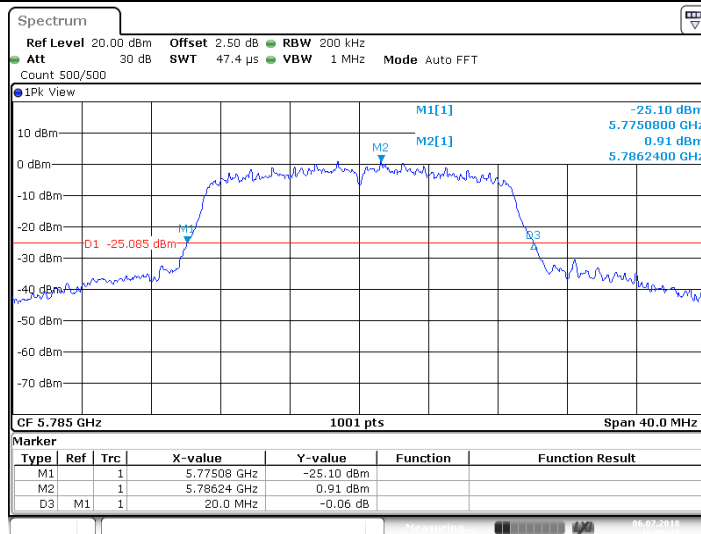
11ac VHT20_Ant1_5720



11ac VHT20_Ant1_5745

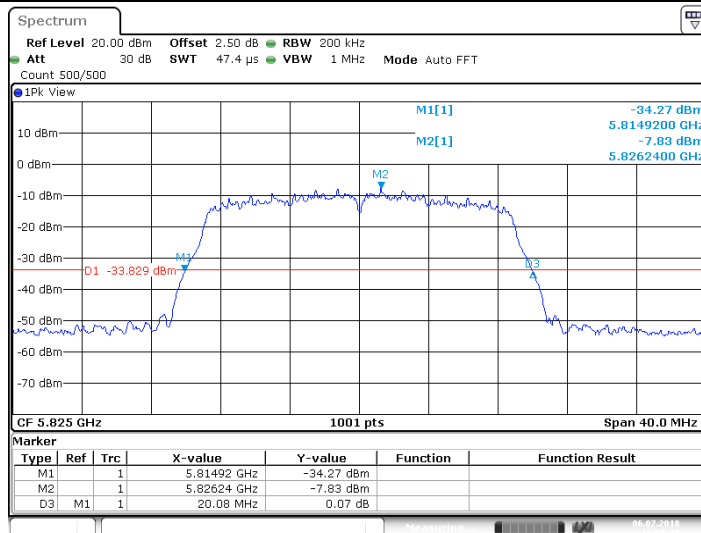


11ac VHT20_Ant1_5785



Date: 6.JUL.2018 16:06:41

11ac VHT20_Ant1_5825



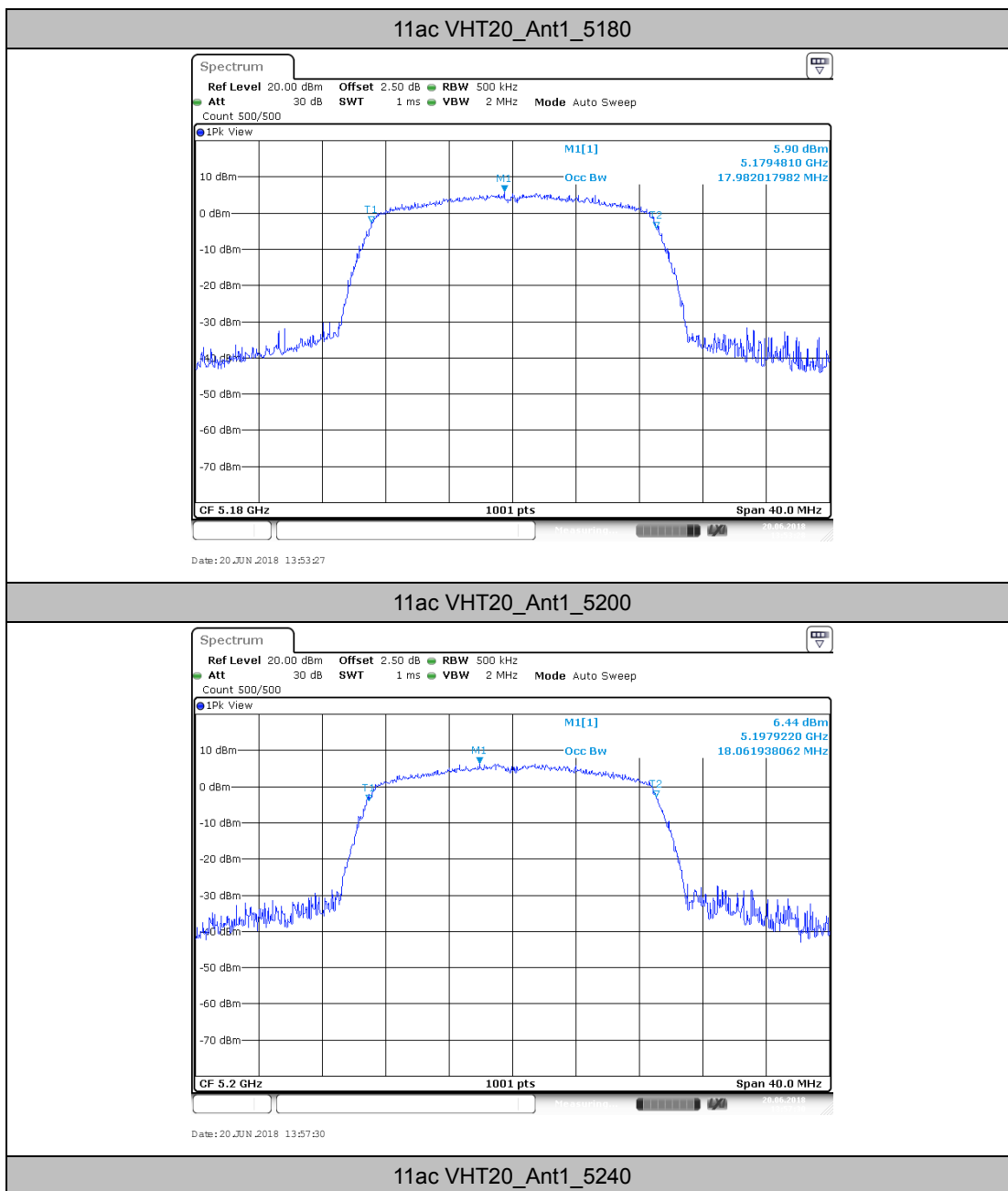
Date: 6.JUL.2018 16:07:09

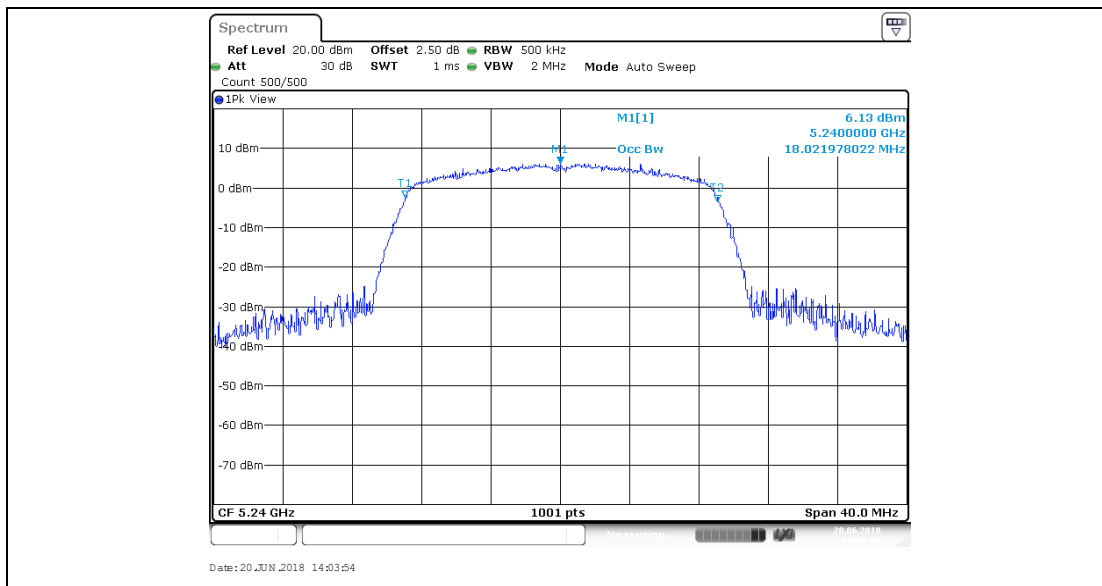
Appendix B2: Occupied Channel (MHz) bandwidth

Test Result

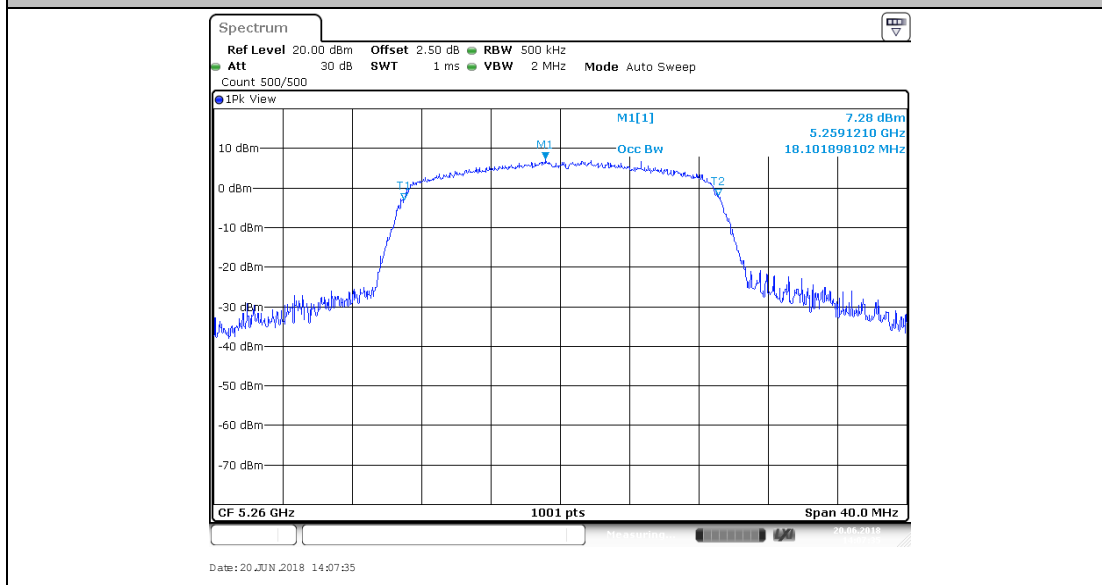
TestMode	Antenna	Channel (MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit (dBm)[MHz]	Verdict
11ac VHT20	Ant1	5180	17.982	0.000	0.000	---	PASS
		5200	18.062	0.000	0.000	---	PASS
		5240	18.022	0.000	0.000	---	PASS
		5260	18.102	0.000	0.000	---	PASS
		5280	18.102	0.000	0.000	---	PASS
		5320	18.222	0.000	0.000	---	PASS
		5500	18.022	0.000	0.000	---	PASS
		5580	18.062	0.000	0.000	---	PASS
		5700	20.46	0.000	0.000	---	PASS
		5720	21.219	0.000	0.000	---	PASS
		5745	21.658	0.000	0.000	---	PASS
		5785	21.459	0.000	0.000	---	PASS
		5825	18.861	0.000	0.000	---	PASS

Test Graphs

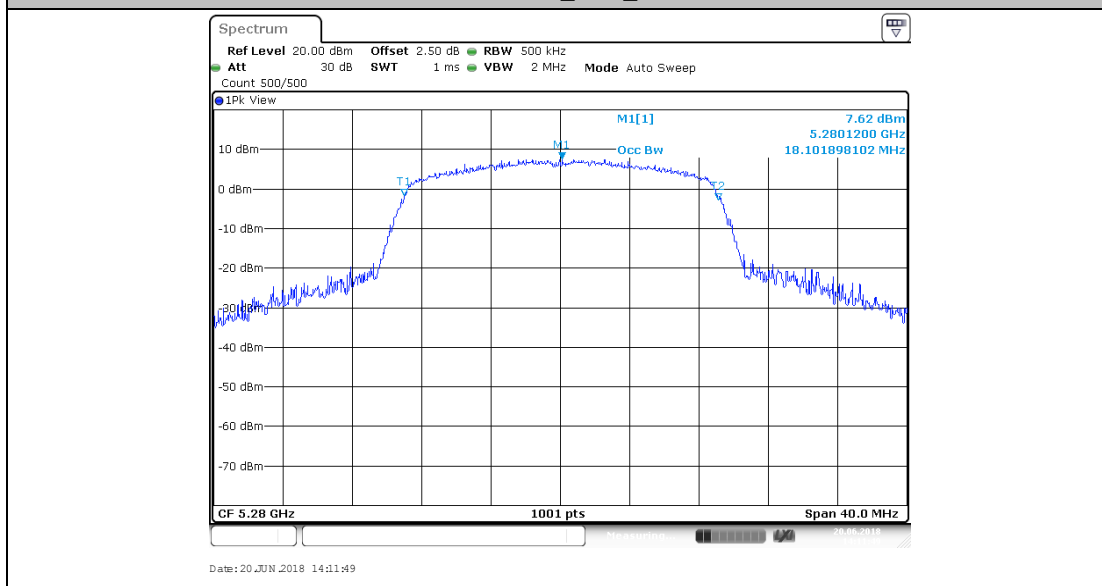




11ac VHT20_Ant1_5260

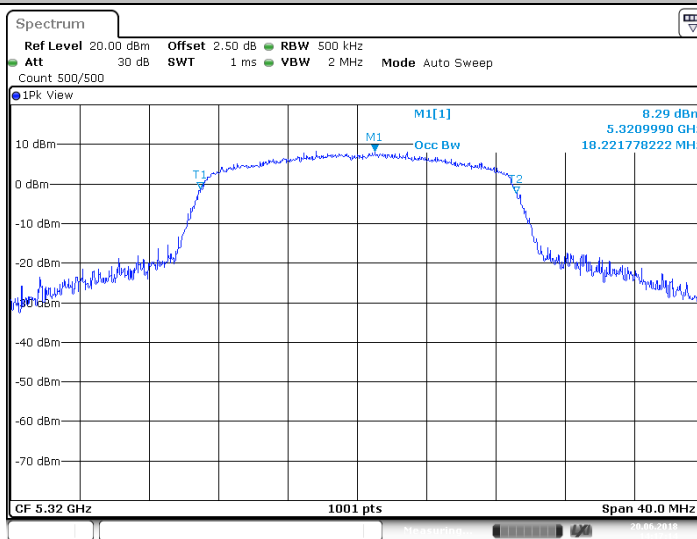


11ac VHT20_Ant1_5280

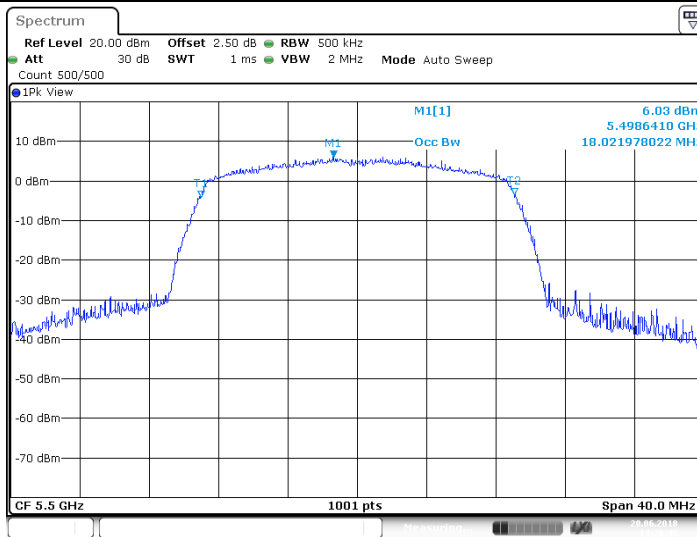




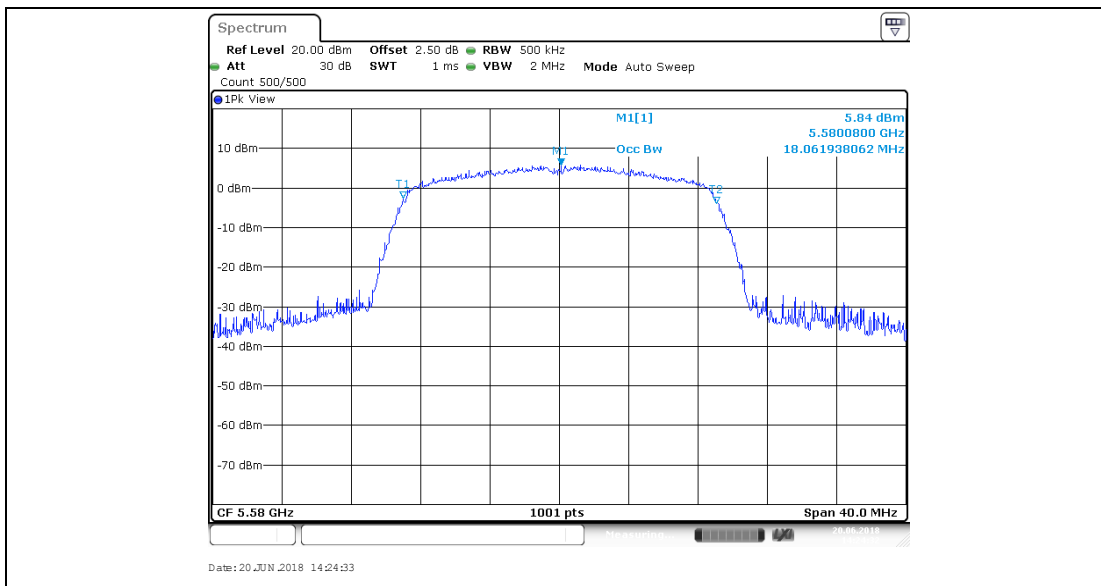
11ac VHT20_Ant1_5320



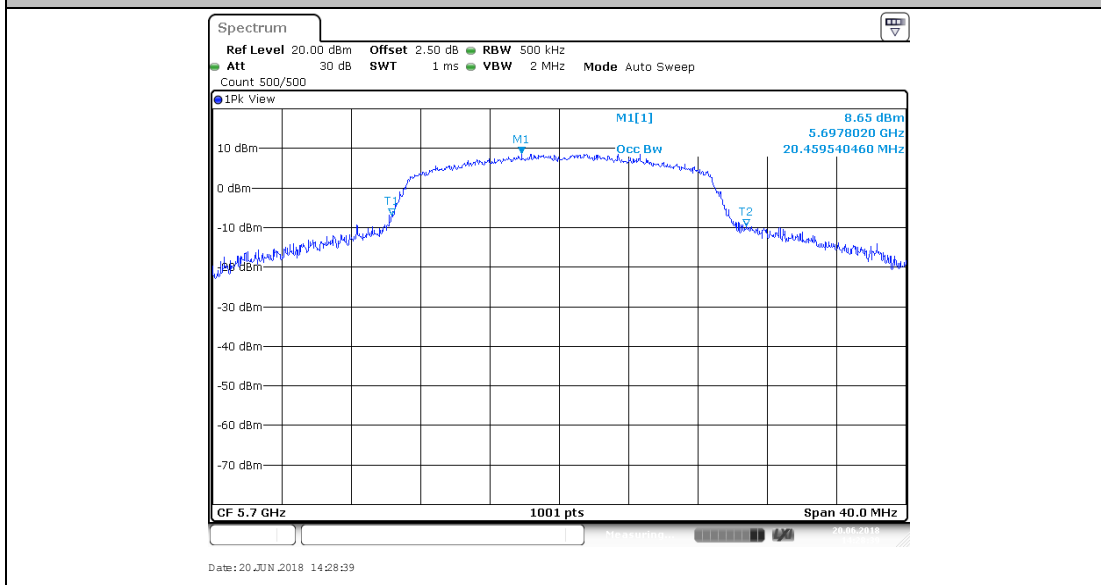
11ac VHT20_Ant1_5500



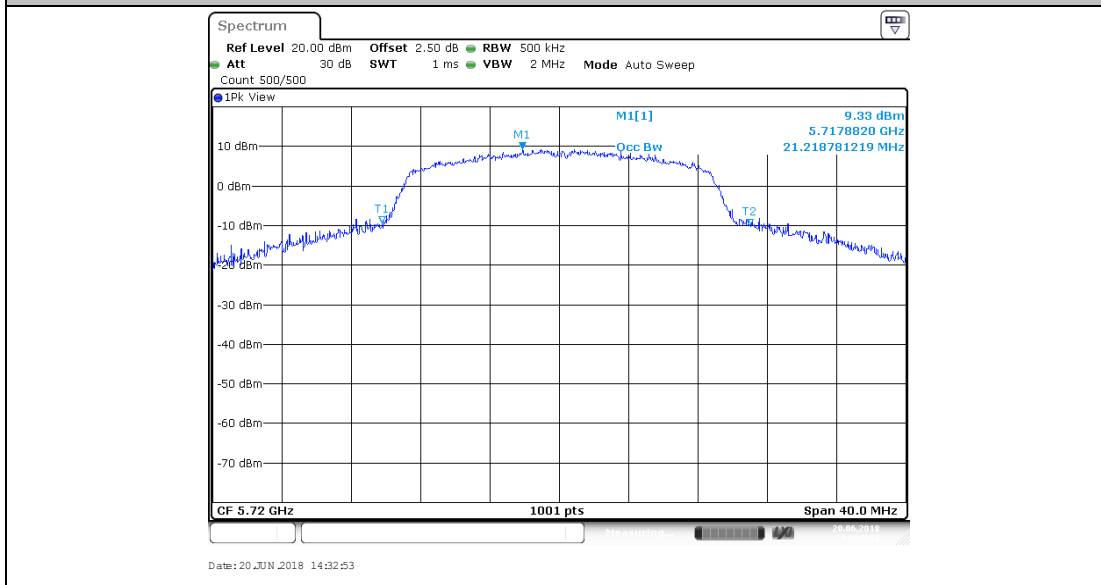
11ac VHT20_Ant1_5580



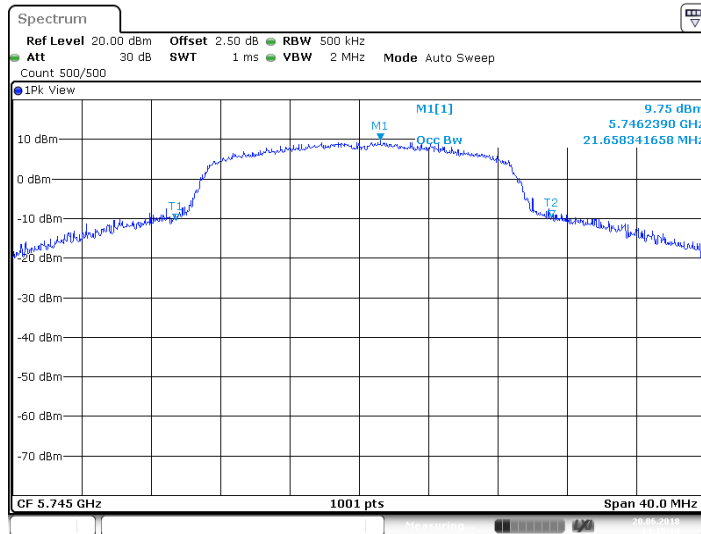
11ac VHT20_Ant1_5700



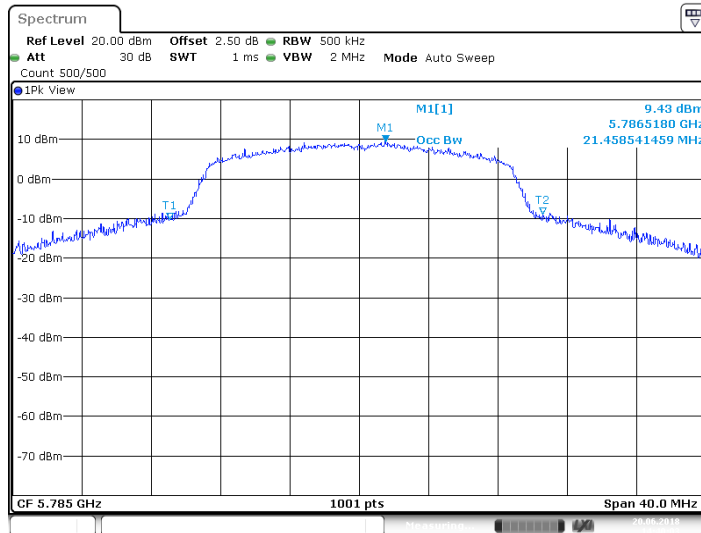
11ac VHT20_Ant1_5720



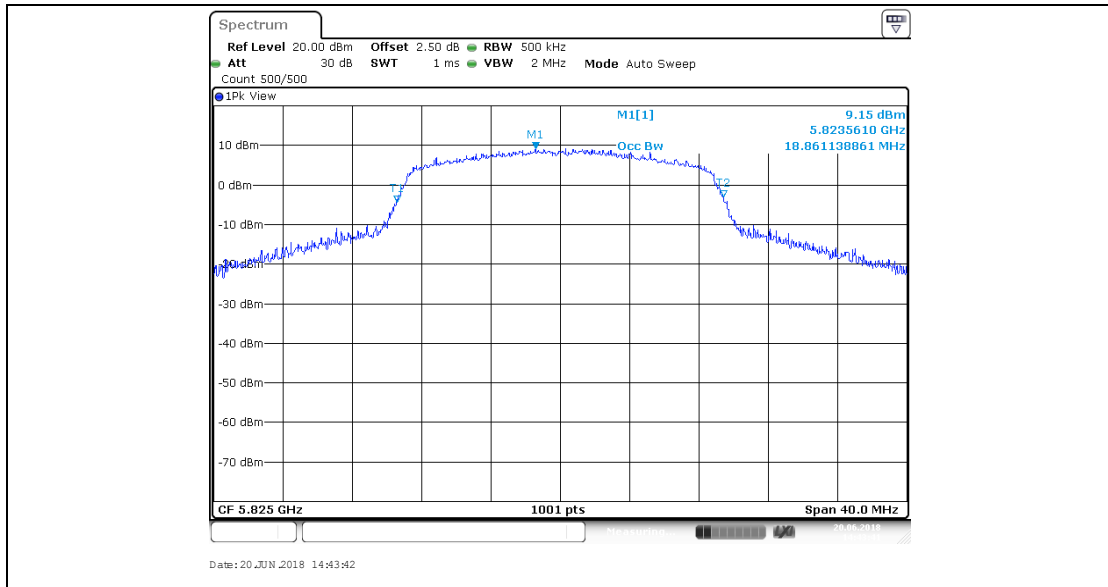
11ac VHT20_Ant1_5745



11ac VHT20_Ant1_5785



11ac VHT20_Ant1_5825

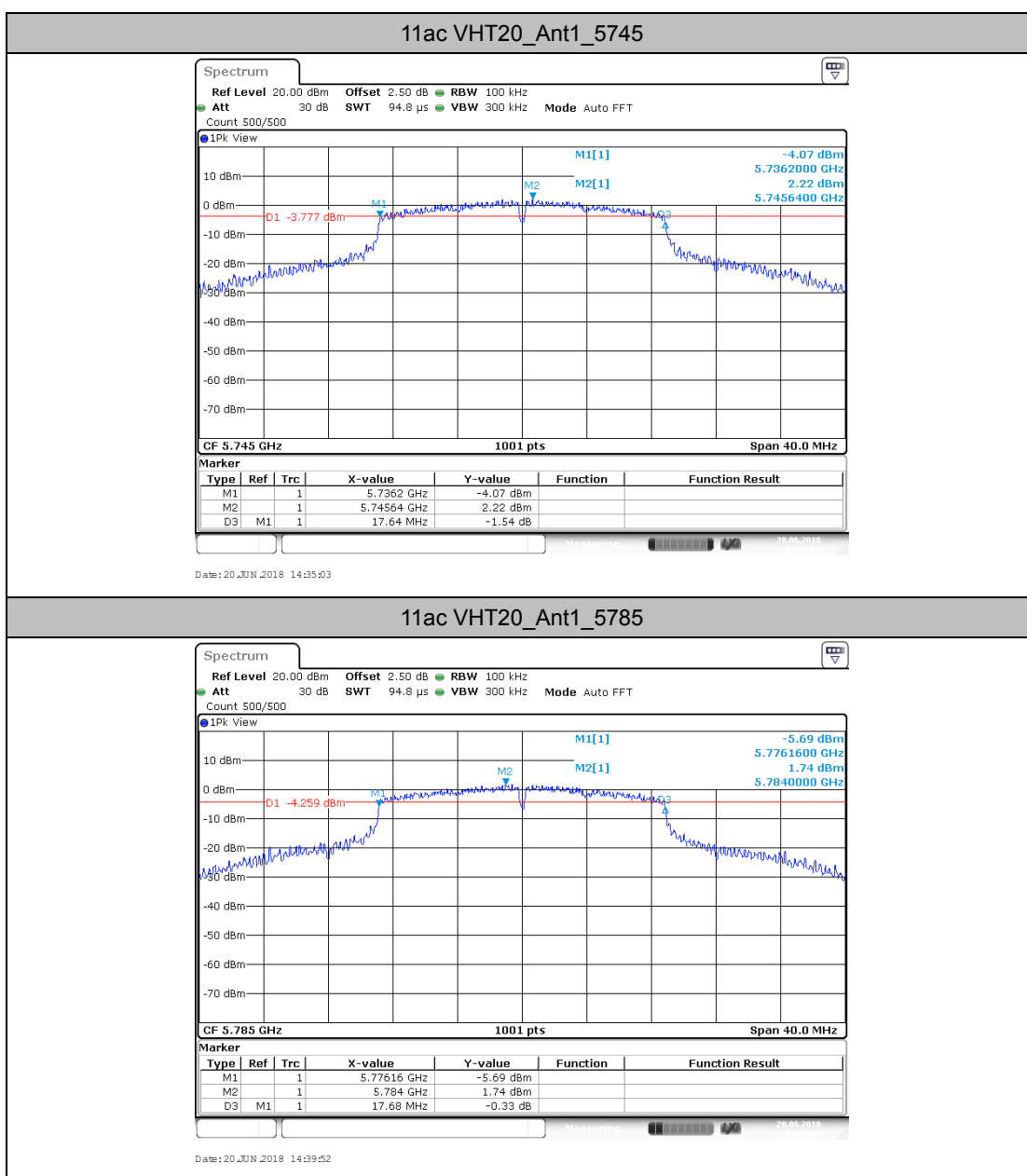


Appendix B3: Min emission bandwidth

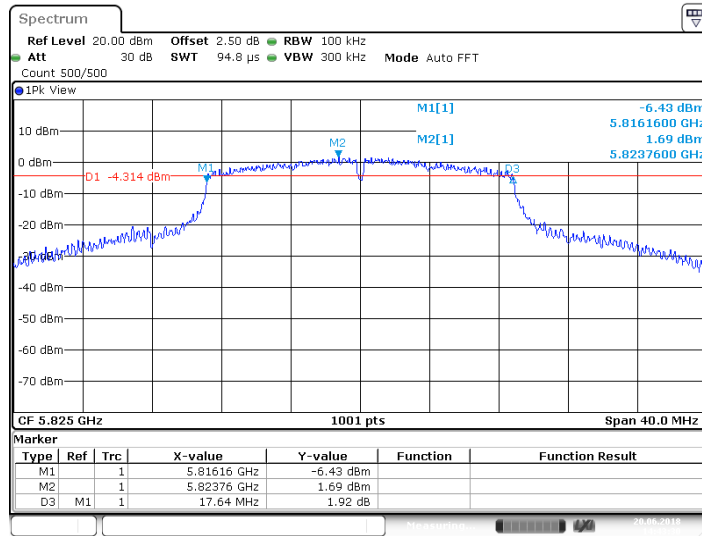
Test Result

TestMode	Antenna	Channel (MHz)	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
11ac VHT20	Ant1	5745	17.640	5736.200	5753.840	0.5	PASS
		5785	17.680	5776.160	5793.840	0.5	PASS
		5825	17.640	5816.160	5833.800	0.5	PASS

Test Graphs



11ac VHT20_Ant1_5825



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Appendix B4: Maximum conducted output power

Test Result

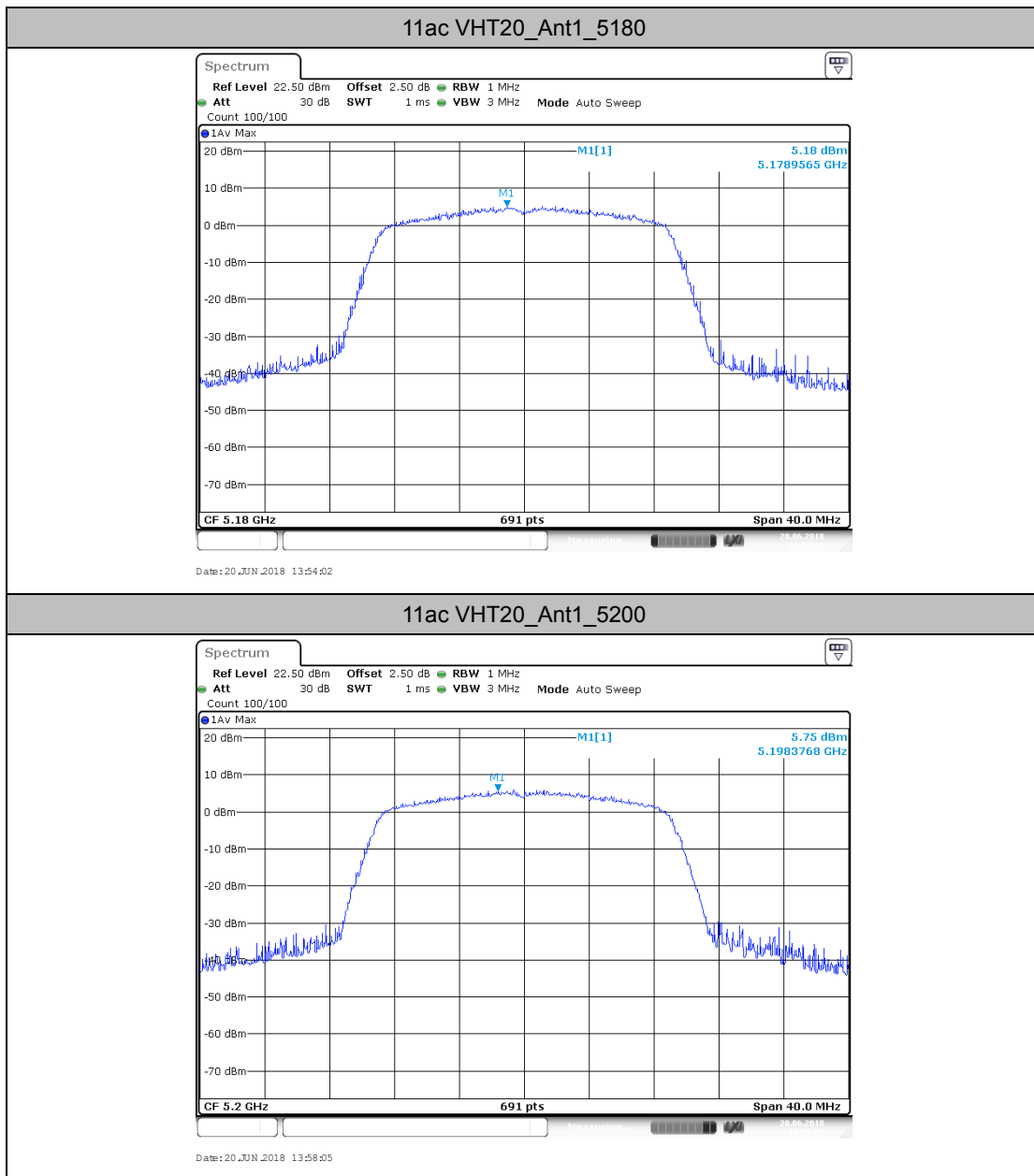
TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11ac VHT20	Ant1	5180	13.87	23.98	PASS
		5200	13.67	23.98	PASS
		5240	13.72	23.98	PASS
		5260	13.77	23.98	PASS
		5280	13.68	23.98	PASS
		5320	13.81	23.98	PASS
		5500	13.67	23.98	PASS
		5580	13.96	23.98	PASS
		5700	13.92	23.98	PASS
		5720	13.93	23.98	PASS
		5745	13.96	30	PASS
		5785	13.76	30	PASS
		5825	13.81	30	PASS

Appendix B5: Maximum power spectral density

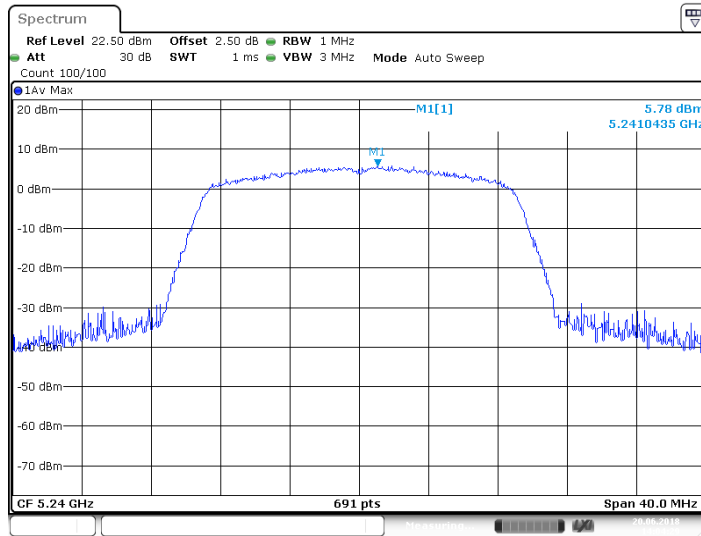
Test Result

TestMode	Antenna	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11ac VHT20	Ant1	5180	5.18	11	PASS
		5200	5.75	11	PASS
		5240	5.78	11	PASS
		5260	6.62	11	PASS
		5280	7.53	11	PASS
		5320	7.95	11	PASS
		5500	5.68	11	PASS
		5580	5.66	11	PASS
		5700	8.39	11	PASS
		5745	7.74	30	PASS
		5785	8.18	30	PASS
		5825	7.7	30	PASS

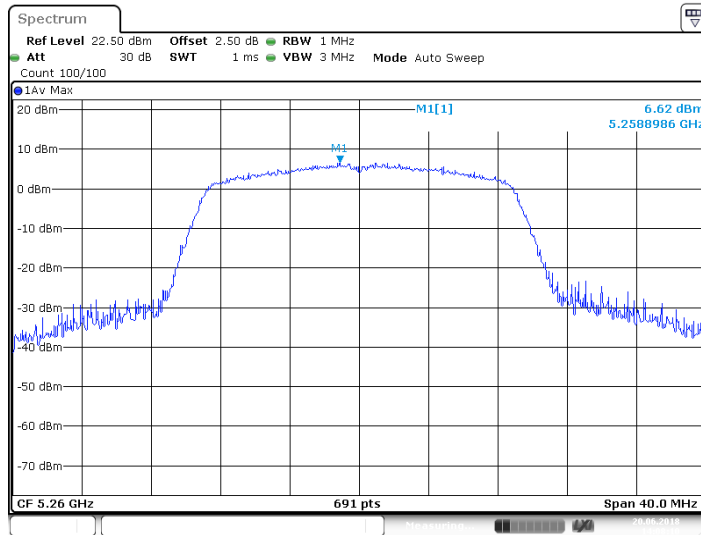
Test Graphs

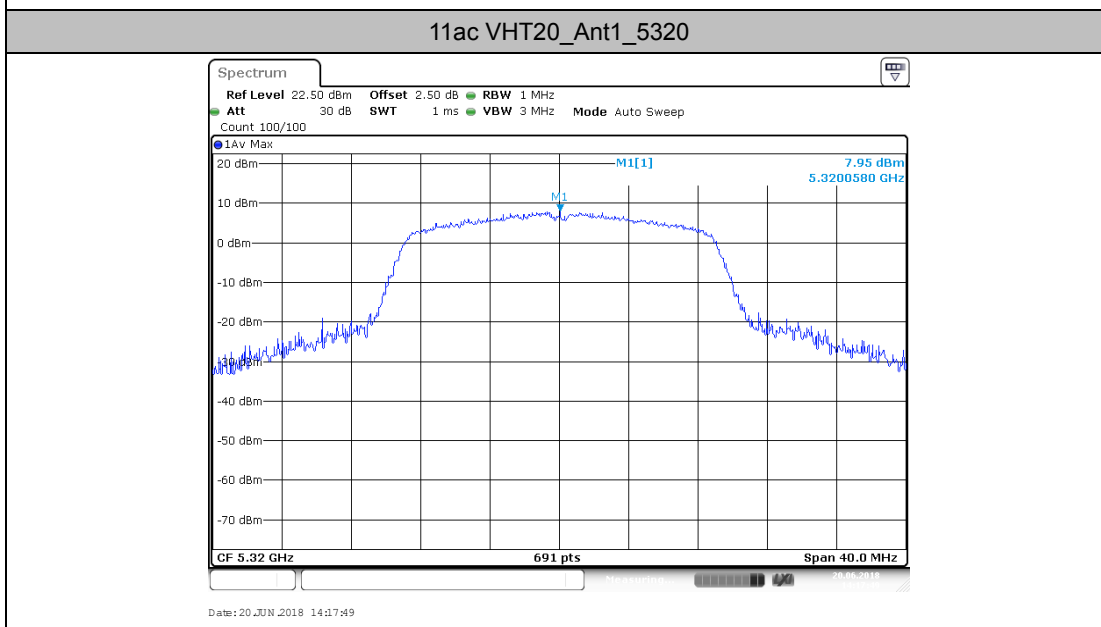
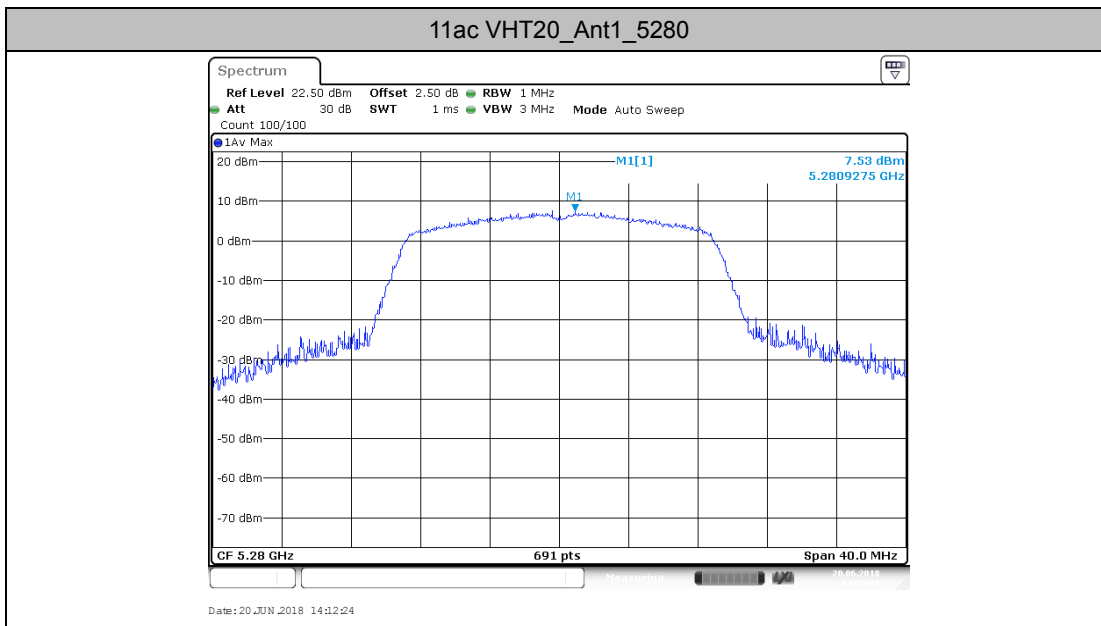


11ac VHT20_Ant1_5240

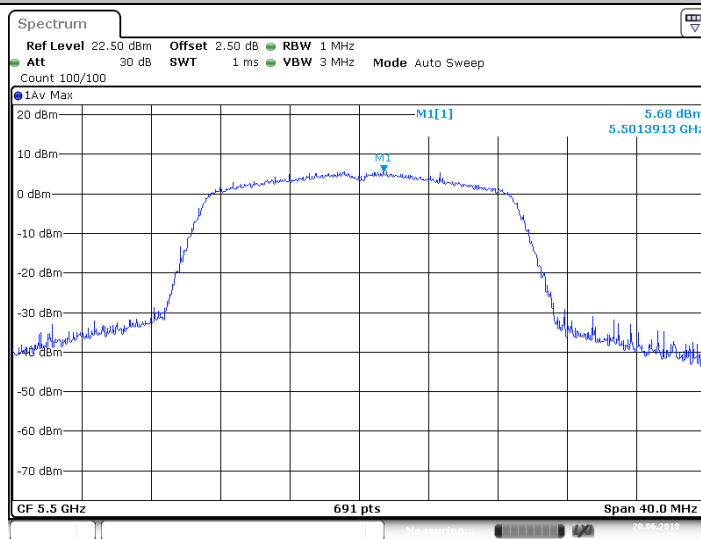


11ac VHT20_Ant1_5260



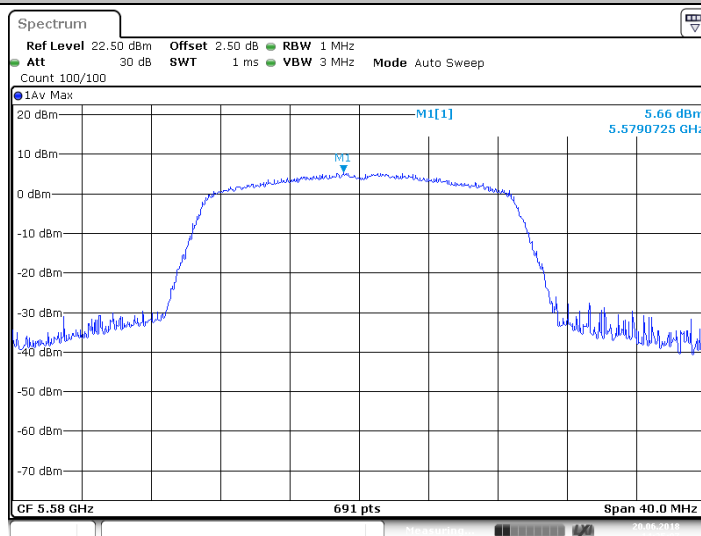


11ac VHT20_Ant1_5500



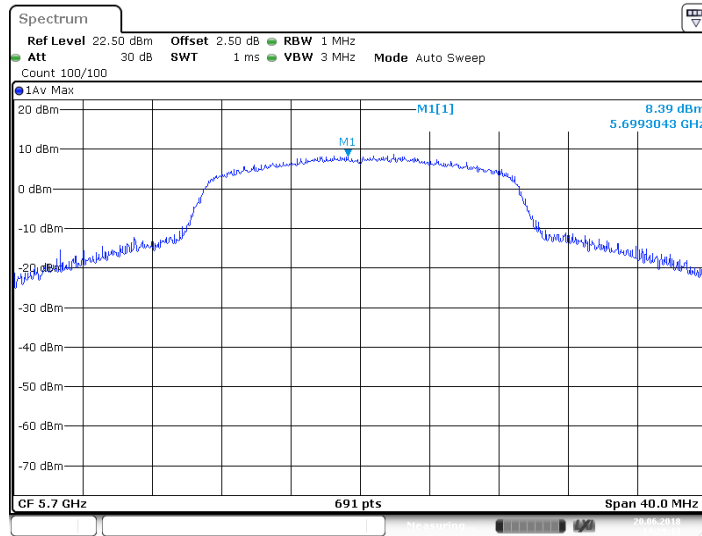
Date: 20 JUN 2018 14:21:21

11ac VHT20_Ant1_5580



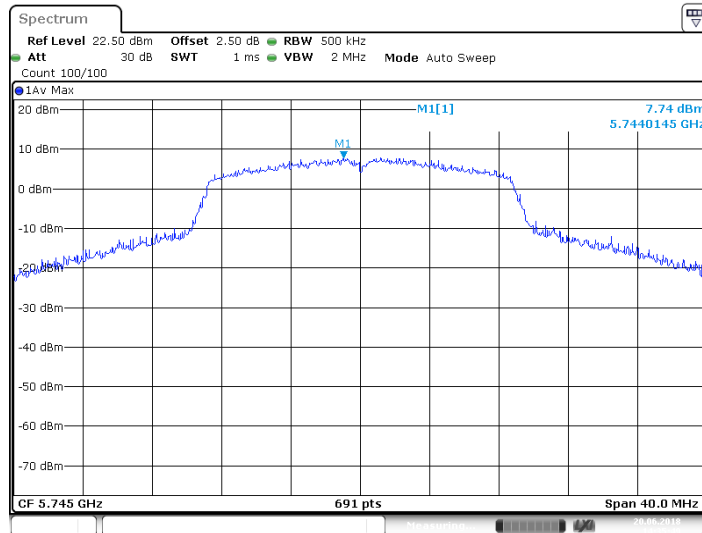
Date: 20 JUN 2018 14:25:07

11ac VHT20_Ant1_5700



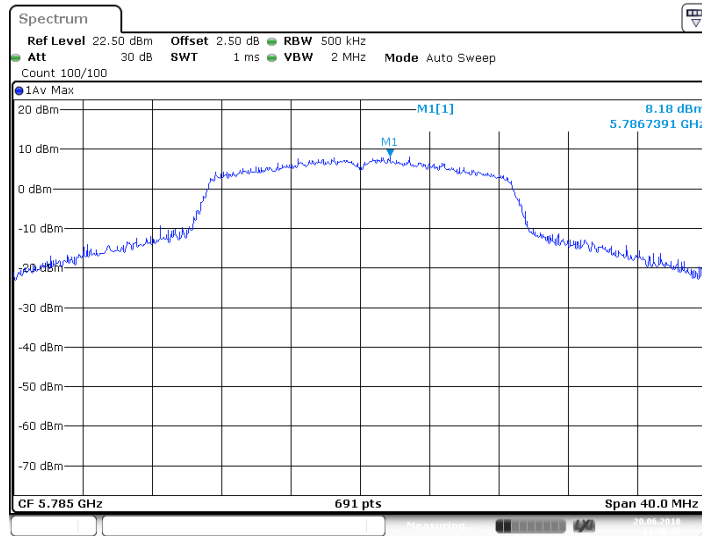
Date: 20 JUN 2018 14:29:13

11ac VHT20_Ant1_5745



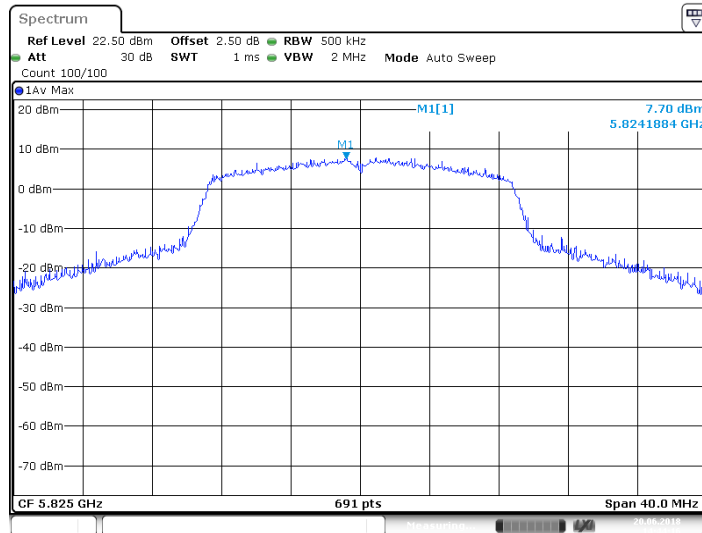
Date: 20 JUN 2018 14:35:49

11ac VHT20_Ant1_5785



Date: 20 JUN 2018 14:40:38

11ac VHT20_Ant1_5825



Date: 20 JUN 2018 14:44:16

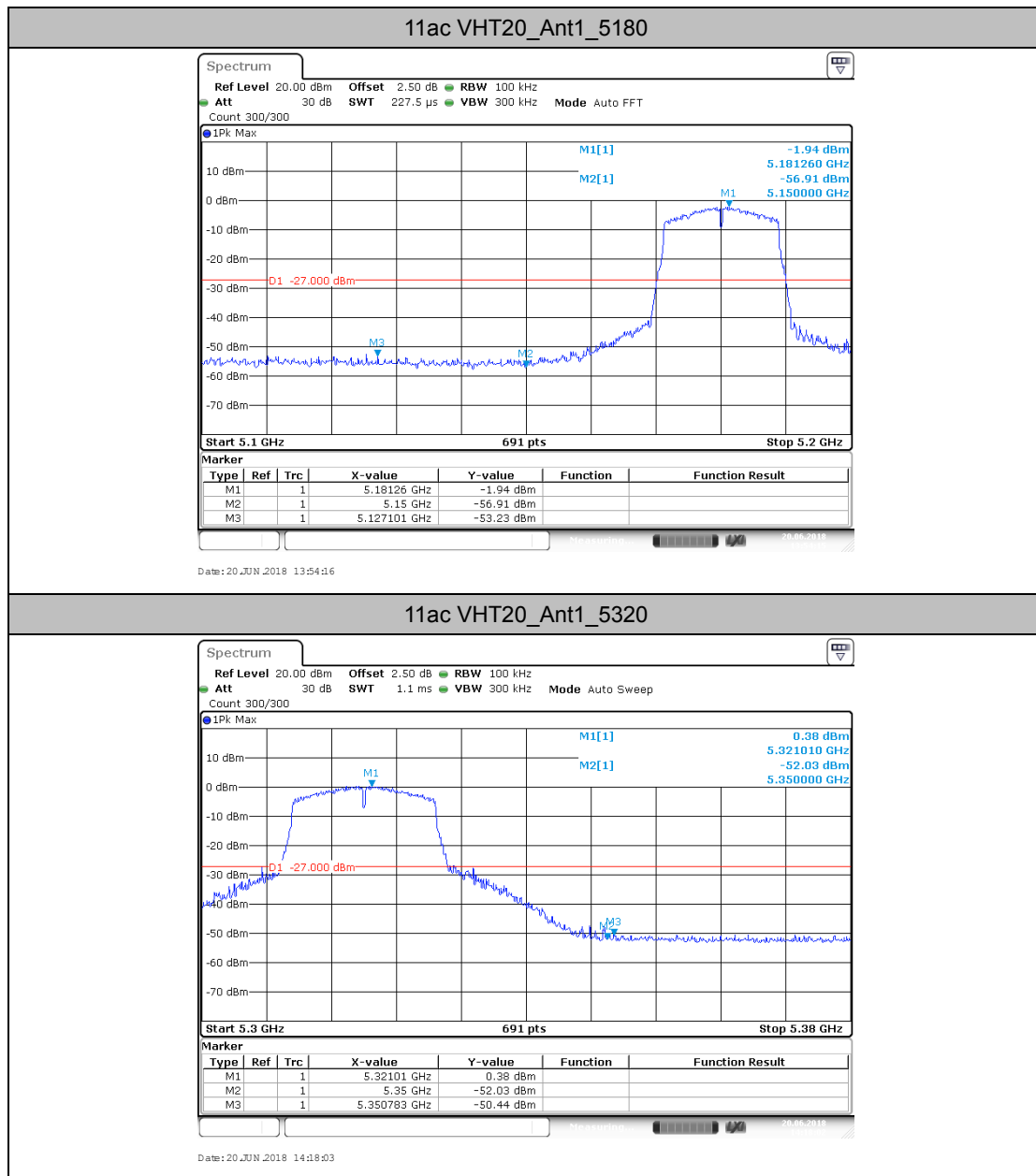
Appendix B6: Band edge measurements

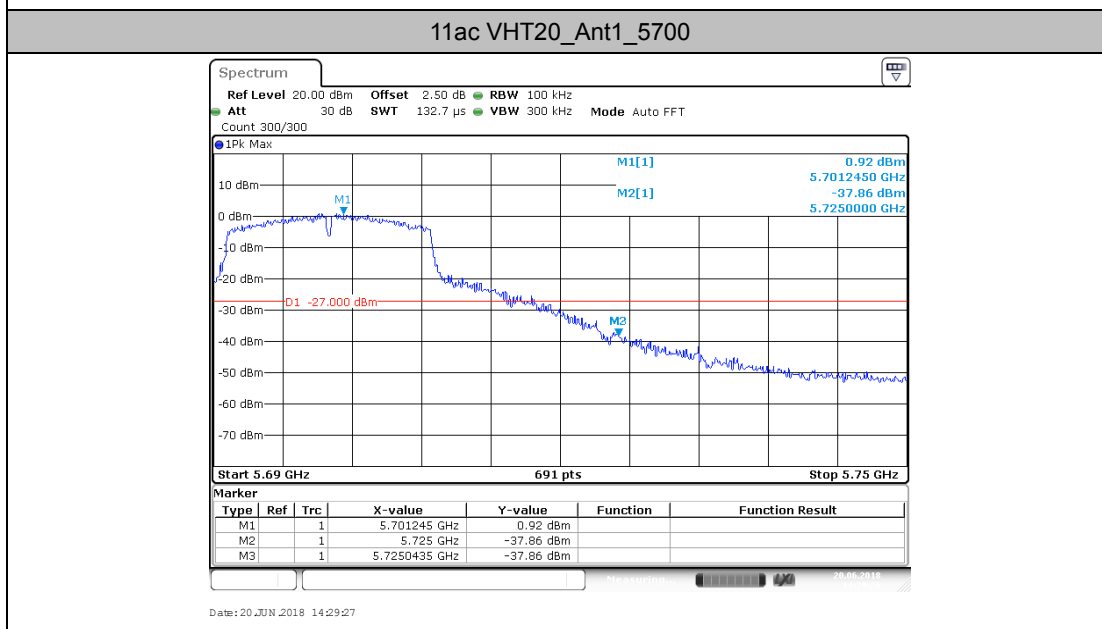
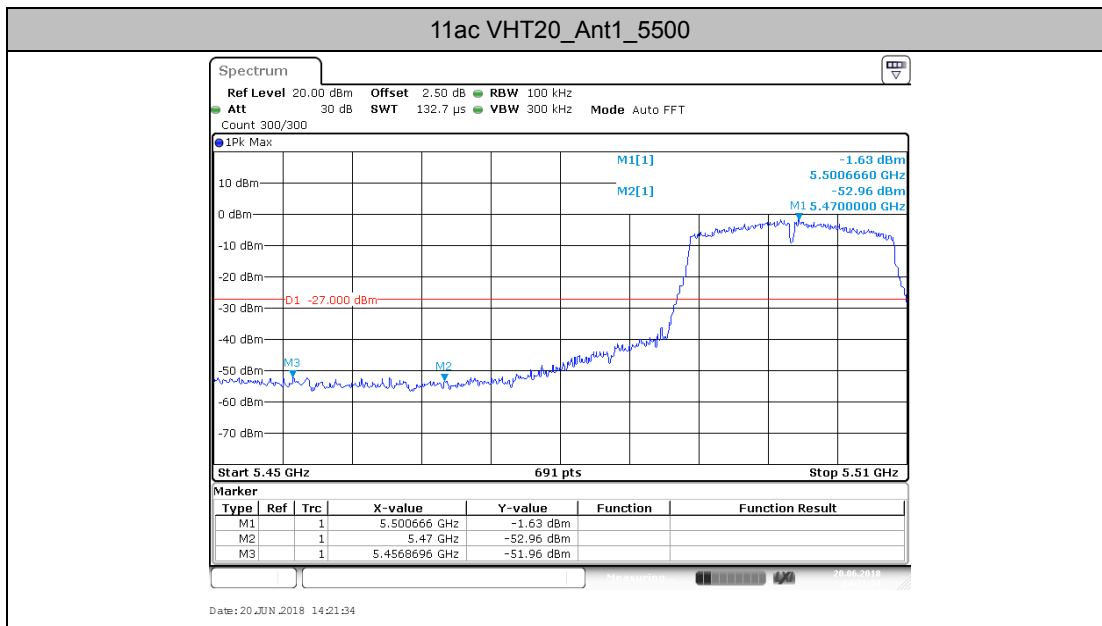
Test Result

TestMode	Antenna	ChName	Channel (MHz)	Result (dBm)	Limit (dBm)	Verdict
11ac VHT20	Ant1	Low	5180	-53.23	-27	PASS
		High	5320	-50.44	-27	PASS
		Low	5500	-51.96	-27	PASS
		High	5700	-37.86	-27	PASS

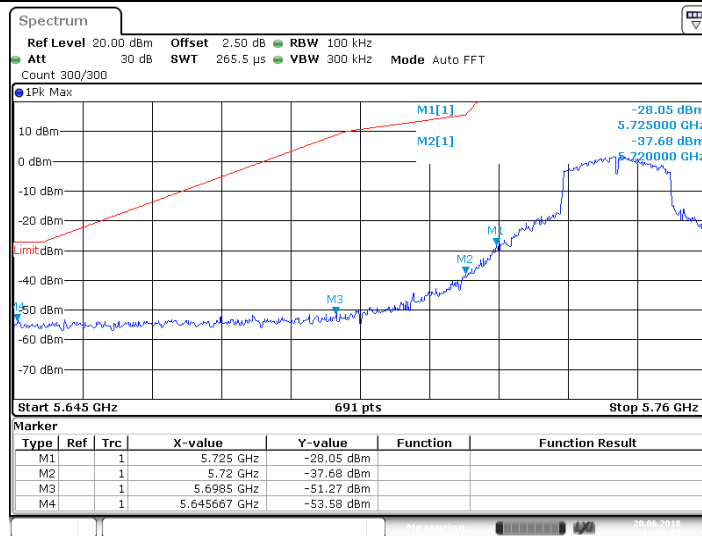
TestMode	Antenna	ChName	Channel (MHz)	FreqRange	Result (dBm)	Limit (dBm)	Verdict
11ac VHT20	Ant1	Low	5745	5650~5700	-51.27	8.89	PASS
		Low	5745	5700~5720	-37.68	15.60	PASS
		Low	5745	5720~5725	-28.05	27.00	PASS
		Low	5745	5760~5650	-53.58	-27	PASS
		High	5825	5850~5855	-43.6	15.80	PASS
		High	5825	5855~5875	-48.74	10.43	PASS
		High	5825	5875~5925	-51.44	-25.89	PASS
		High	5825	5925~5935	-52.91	-27	PASS

Test Graphs



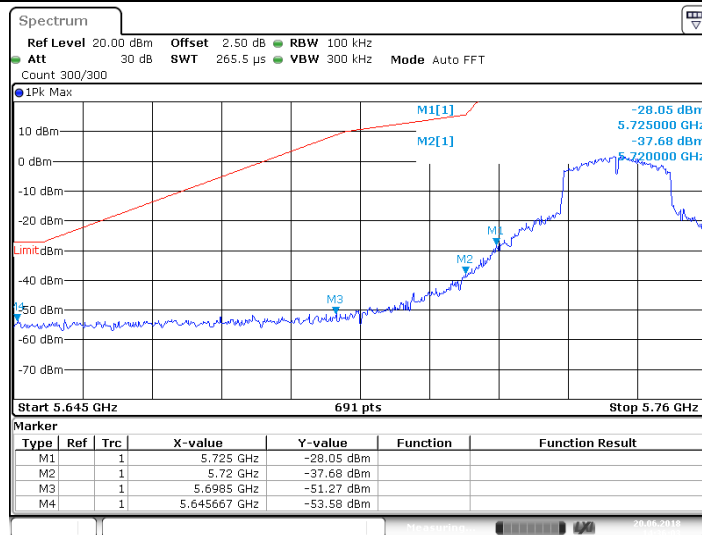


11ac VHT20_Ant1_5745

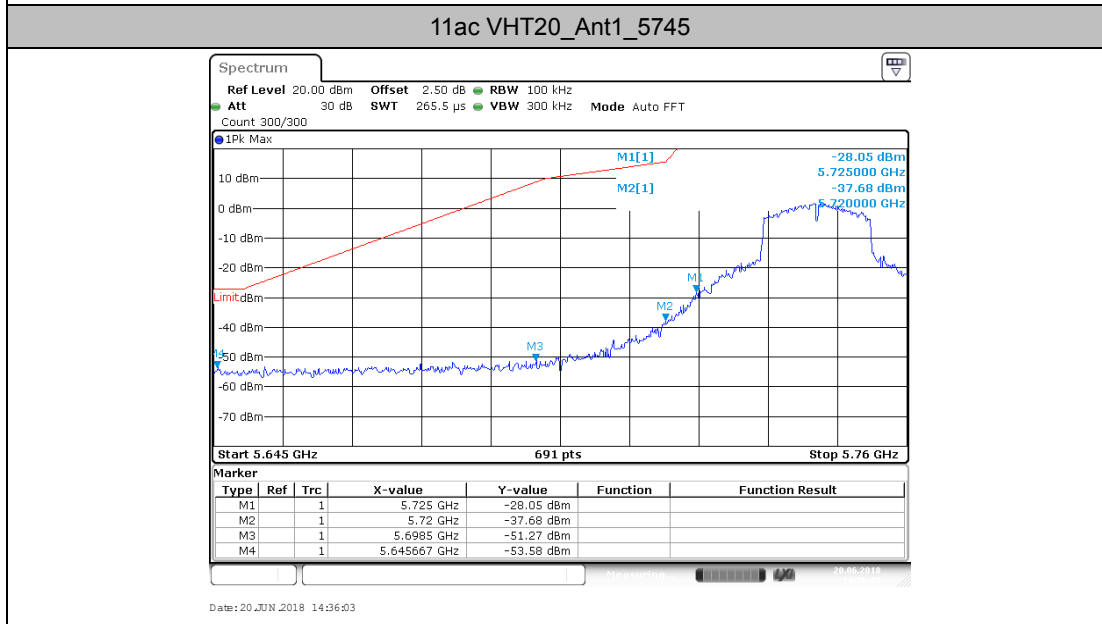
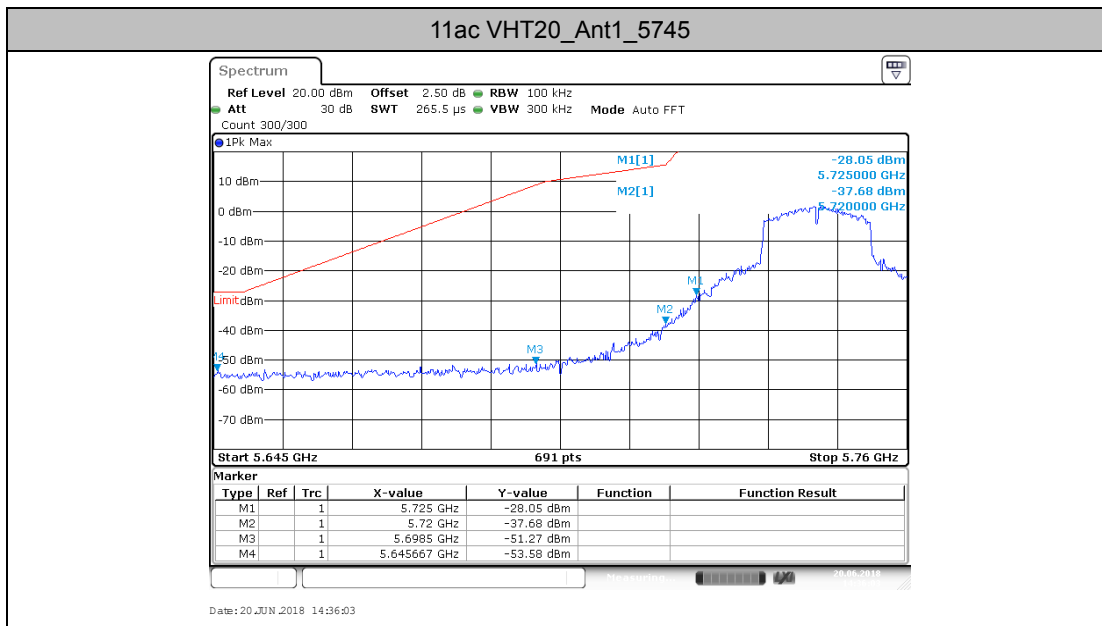


Date: 20 JUN 2018 14:36:03

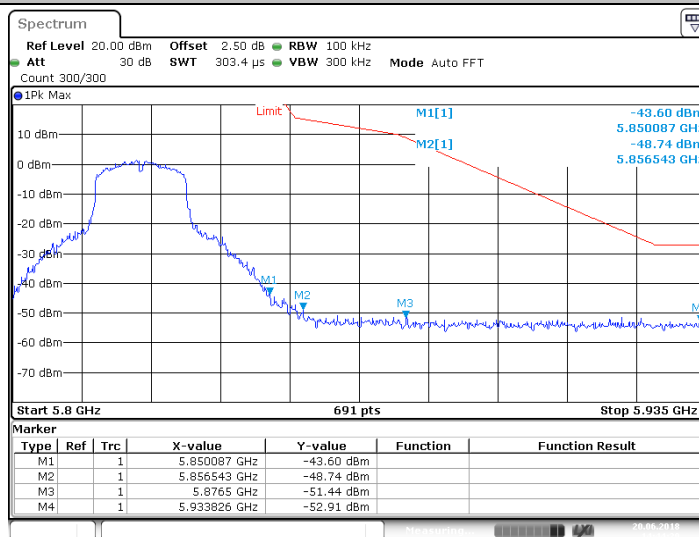
11ac VHT20_Ant1_5745



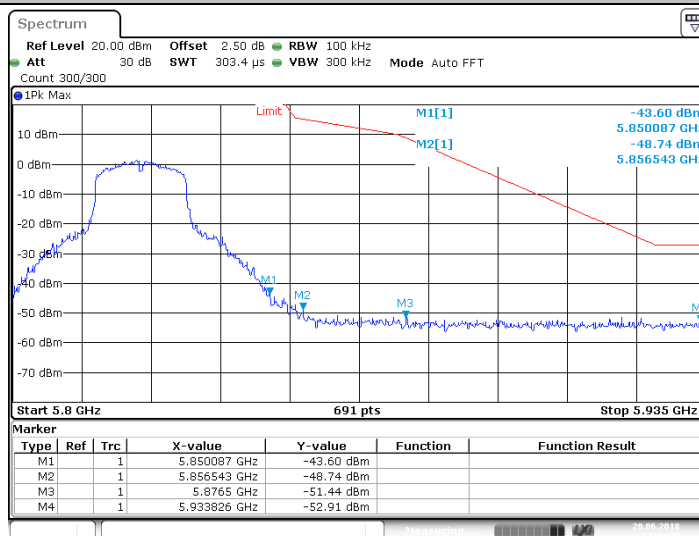
Date: 20 JUN 2018 14:36:03



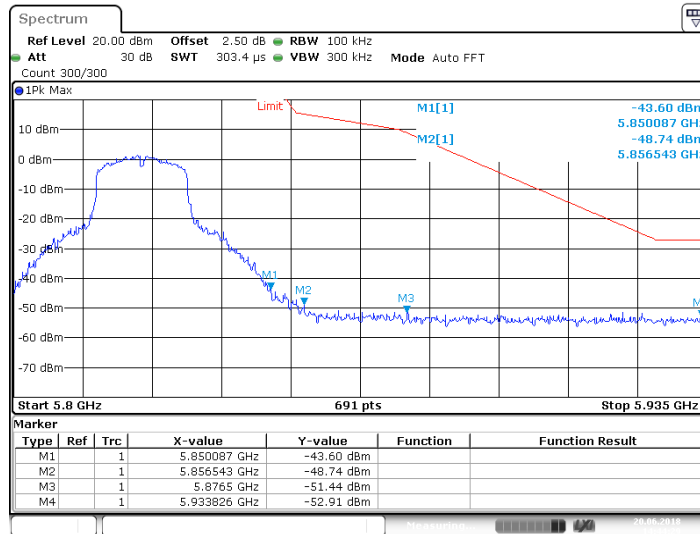
11ac VHT20_Ant1_5825



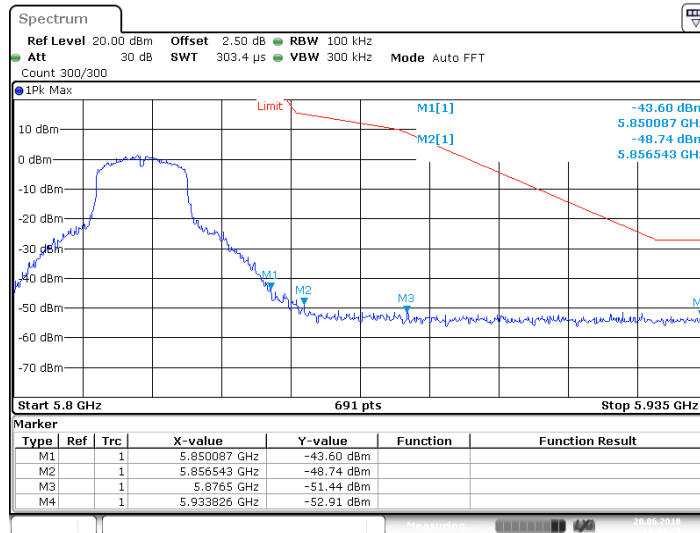
11ac VHT20_Ant1_5825



11ac VHT20_Ant1_5825



11ac VHT20_Ant1_5825

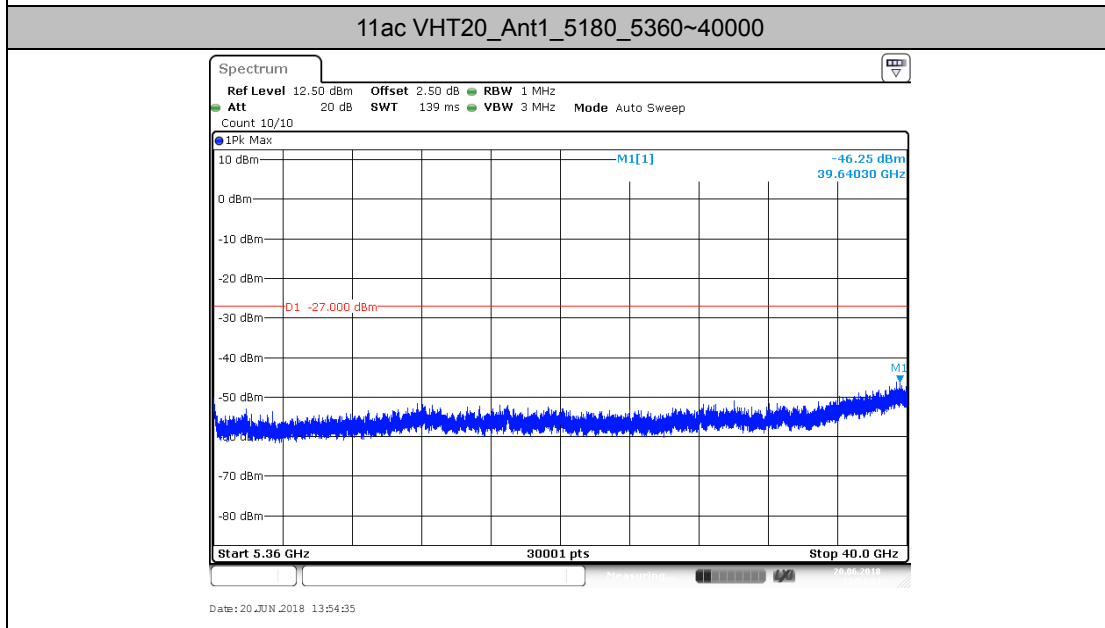
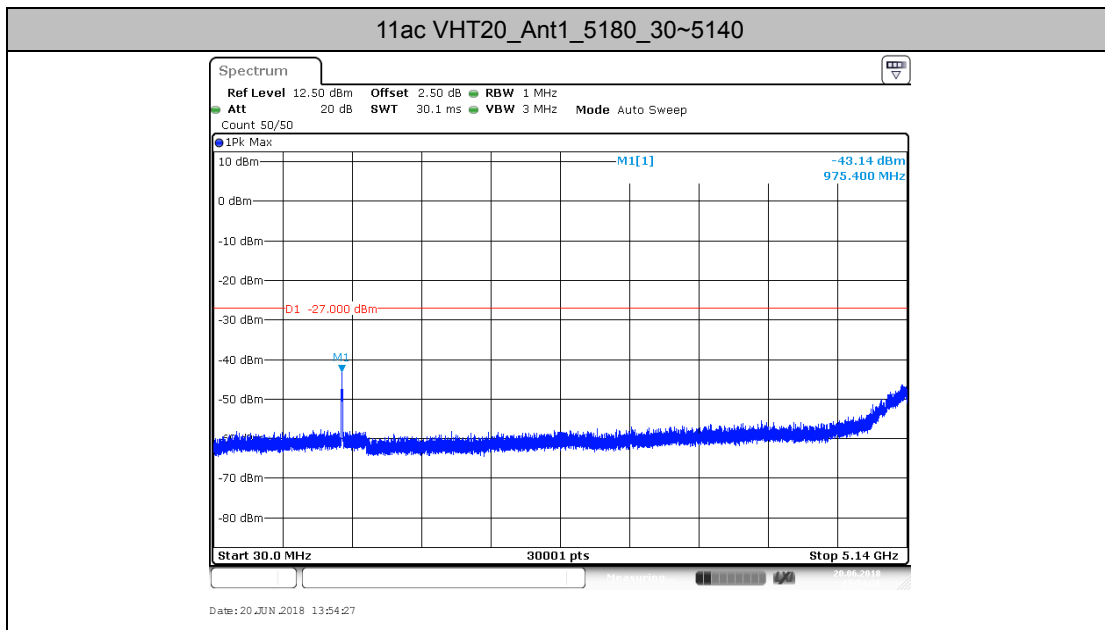


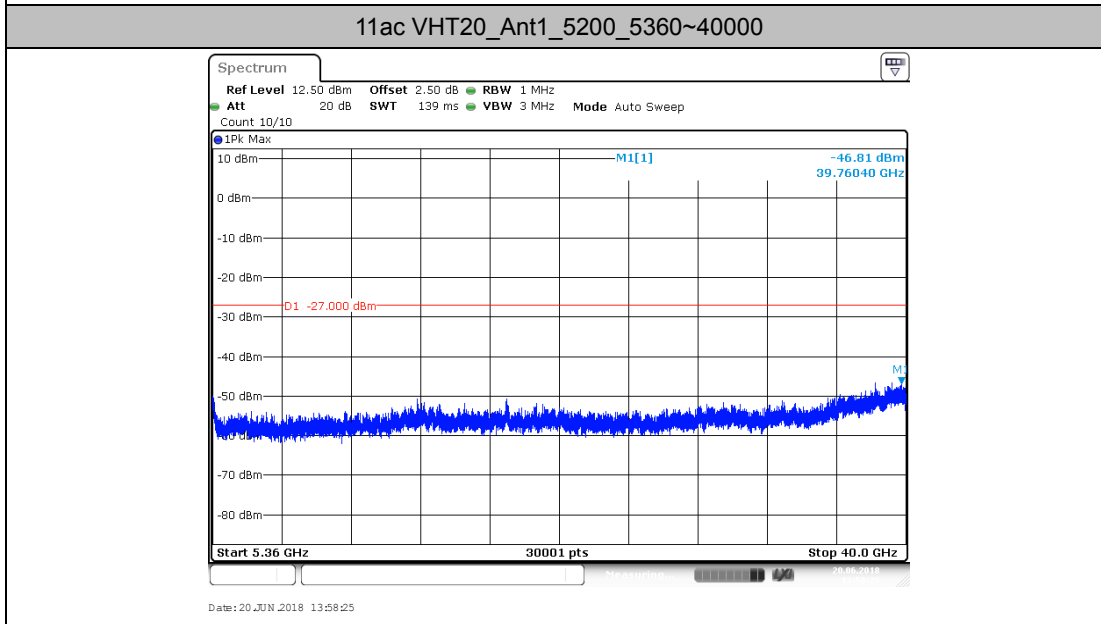
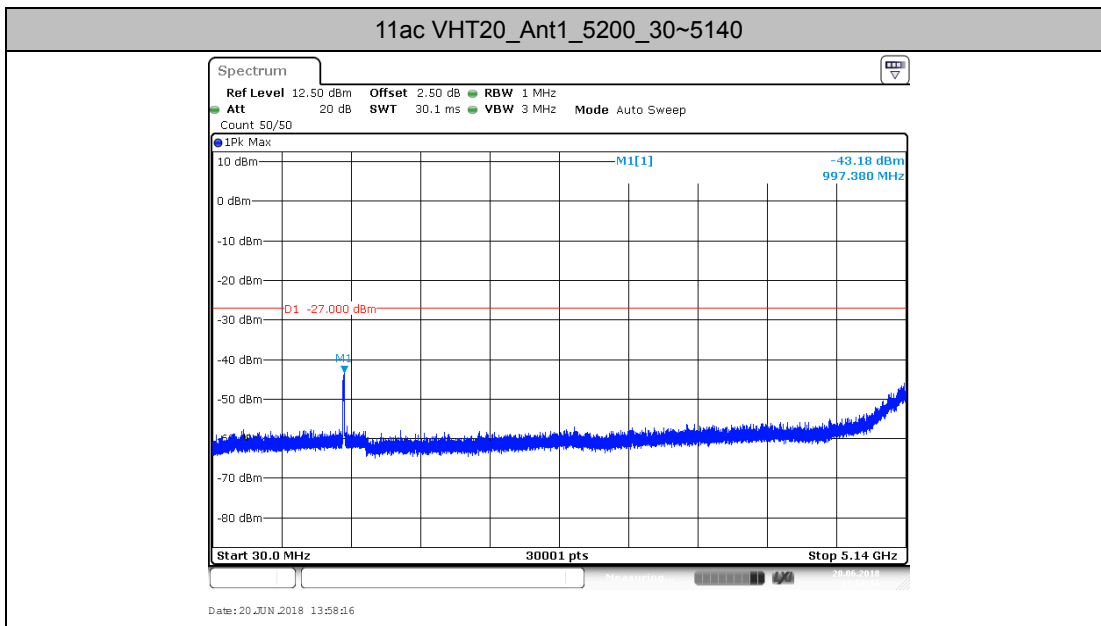
Appendix B7: Conducted Spurious Emission

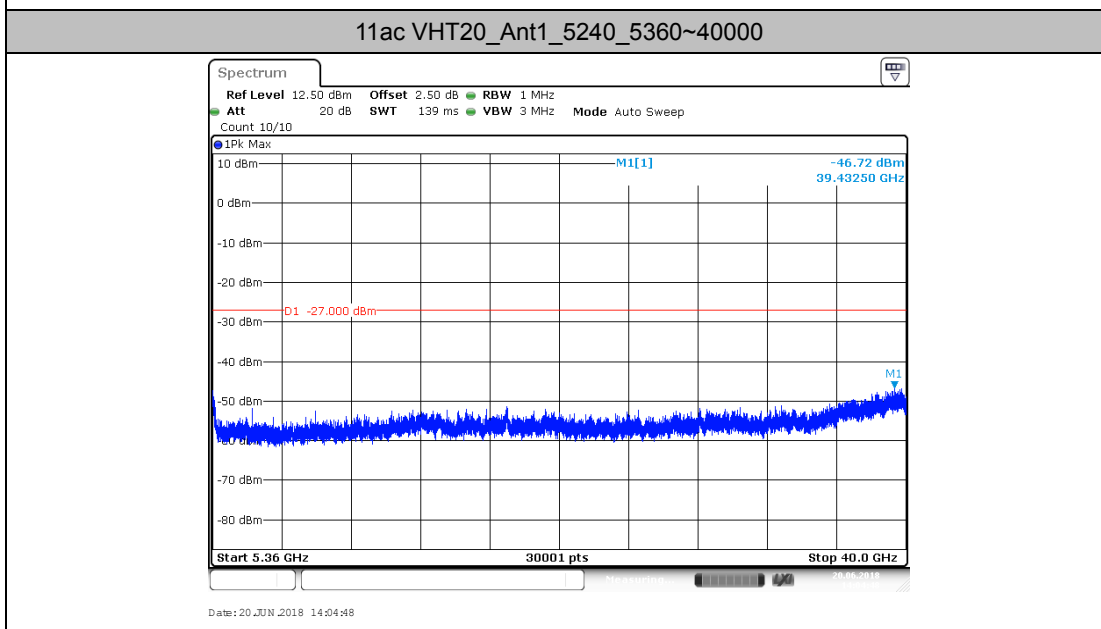
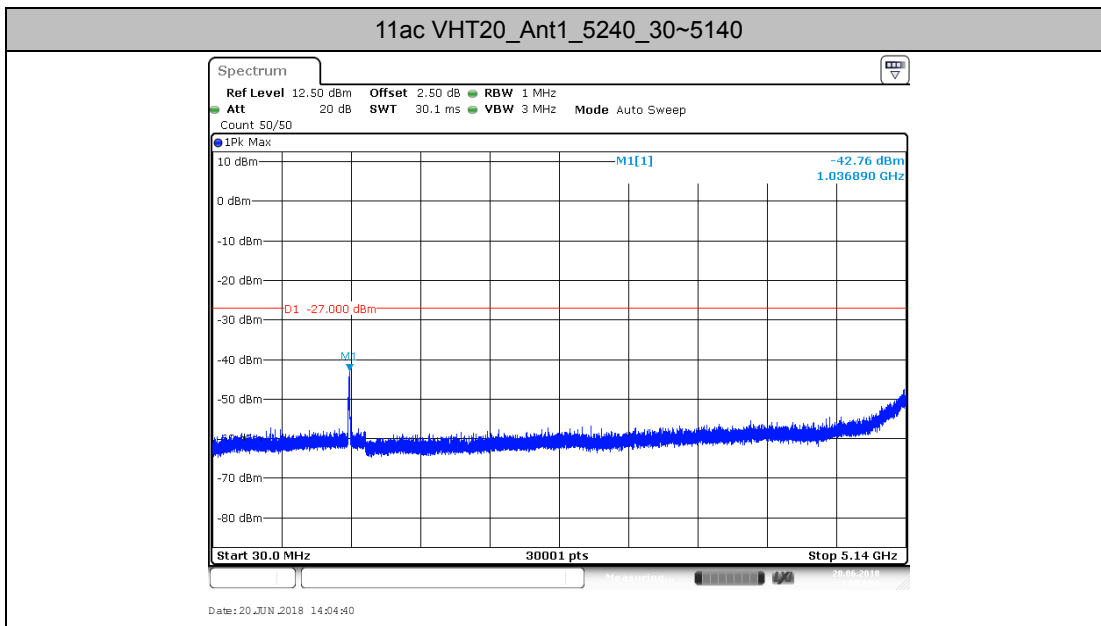
Test Result

TestMode	Antenna	Channel (MHz)	FreqRange (MHz)	Max. Fre (MHz)	Max. Level (dBm)	Limit (dBm)	Verdict
11ac VHT20	Ant1	5180	30~5140	975.40	-43.14	-27	PASS
		5180	5360~40000	39640.30	-46.25	-27	PASS
		5200	30~5140	997.38	-43.18	-27	PASS
		5200	5360~40000	39760.40	-46.81	-27	PASS
		5240	30~5140	1036.89	-42.76	-27	PASS
		5240	5360~40000	39432.50	-46.72	-27	PASS
		5260	30~5140	1054.44	-44.53	-27	PASS
		5260	5360~40000	5371.00	-45.51	-27	PASS
		5280	30~5140	1075.56	-43.75	-27	PASS
		5280	5360~40000	5360.60	-45.65	-27	PASS
		5320	30~5140	1116.43	-44.66	-27	PASS
		5320	5360~40000	5375.60	-44.63	-27	PASS
		5500	30~5460	5374.84	-45.41	-27	PASS
		5500	5735~40000	39702.50	-46.11	-27	PASS
		5580	30~5460	5447.42	-46.87	-27	PASS
		5580	5735~40000	39661.40	-46.82	-27	PASS
		5700	30~5460	1497.77	-49.93	-27	PASS
		5700	5735~40000	5735.60	-35.38	-27	PASS
		5745	30~5650	5644.66	-46.57	-27	PASS
		5745	5925~40000	17233.50	-33.72	-27	PASS
5785	30~5650	5641.29	-48.92	-27	PASS		
5785	5925~40000	17359.60	-35.93	-27	PASS		
5825	30~5650	5647.66	-49.66	-27	PASS		
5825	5925~40000	17481.20	-35.65	-27	PASS		

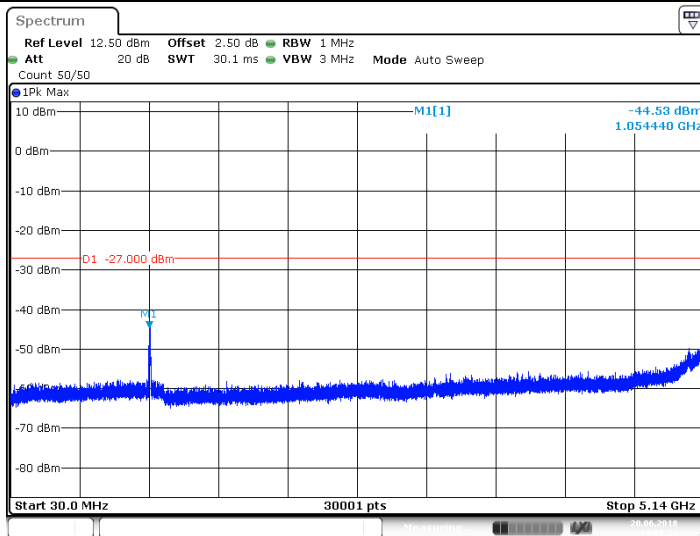
Test Graphs





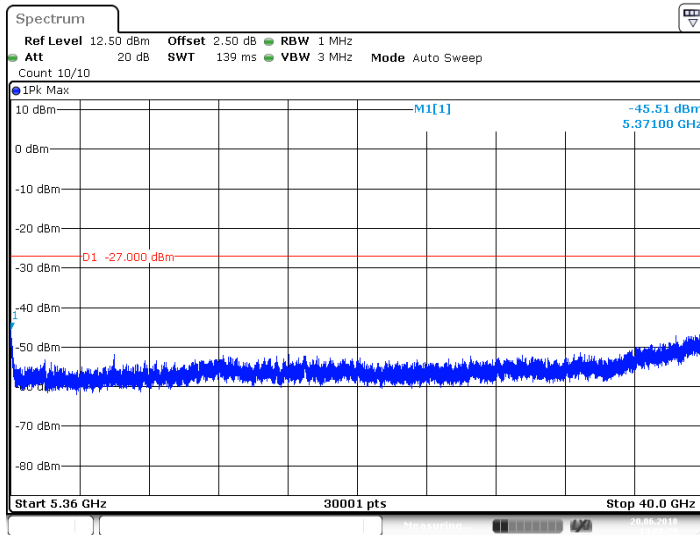


11ac VHT20_Ant1_5260_30~5140

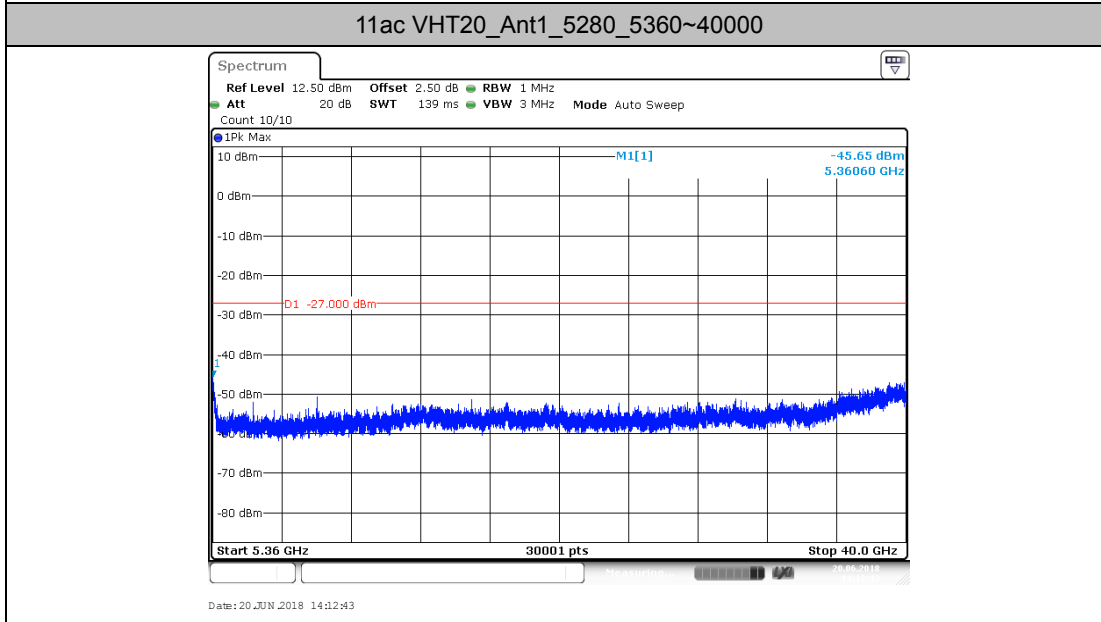
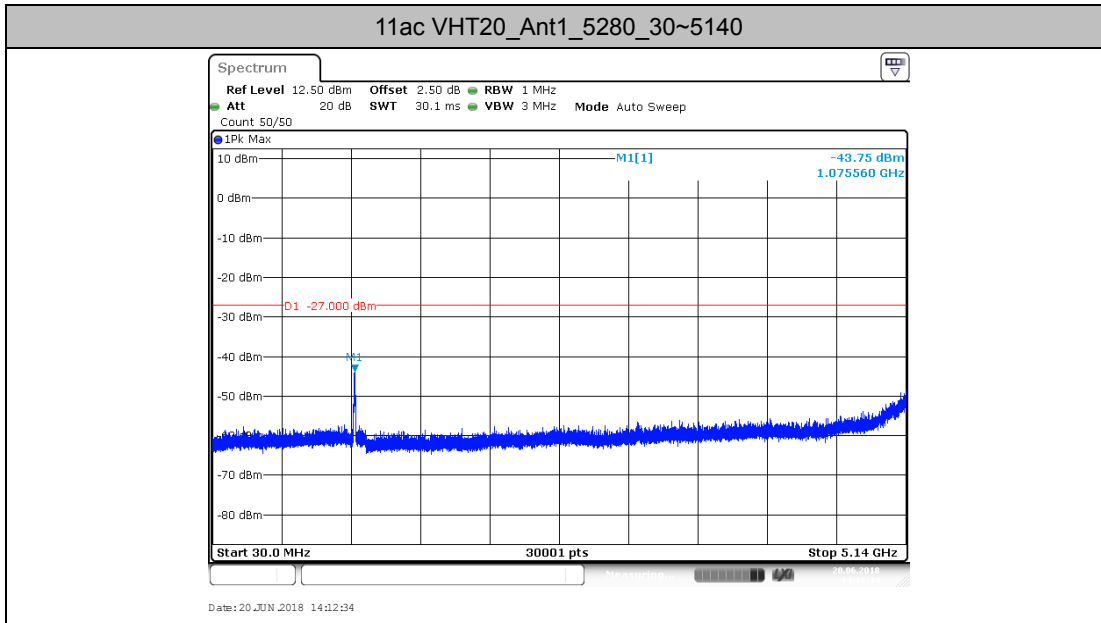


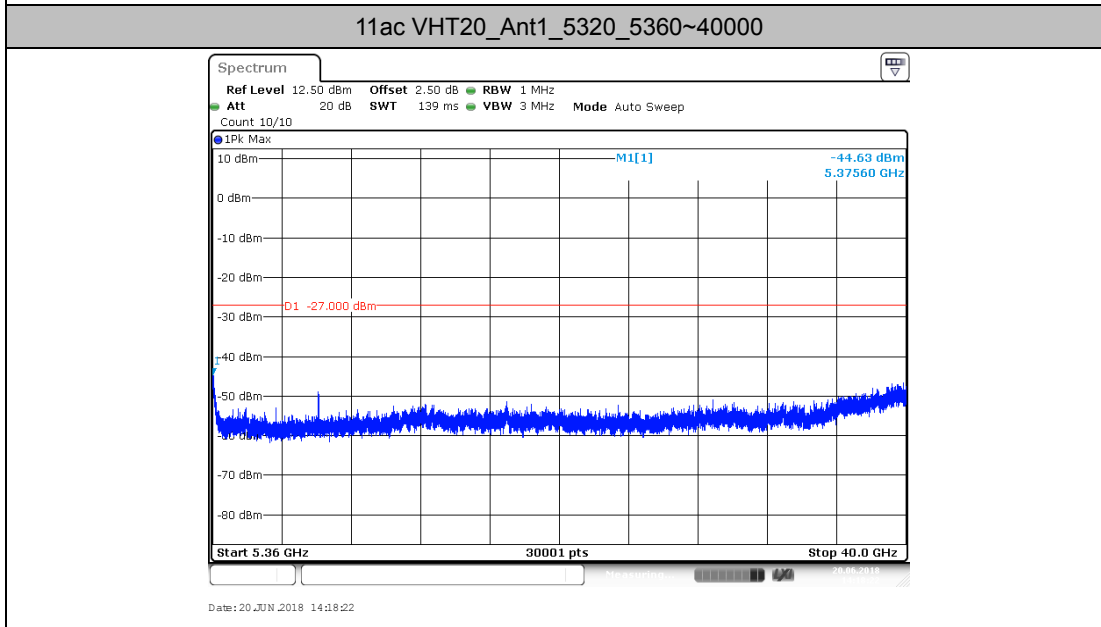
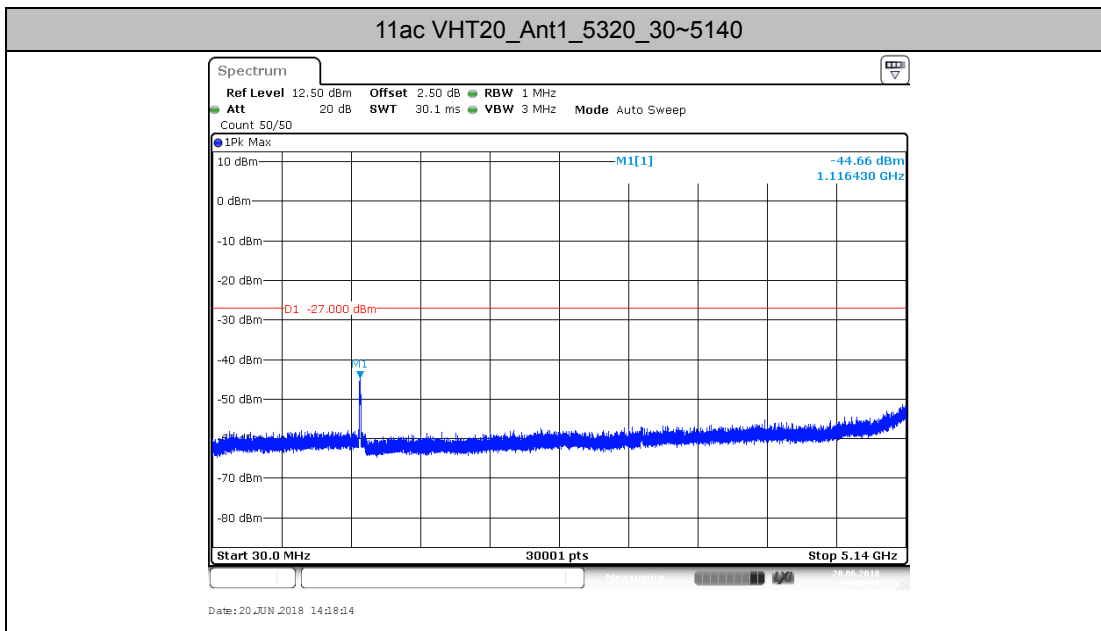
Date: 20 JUN 2018 14:08:21

11ac VHT20_Ant1_5260_5360~40000

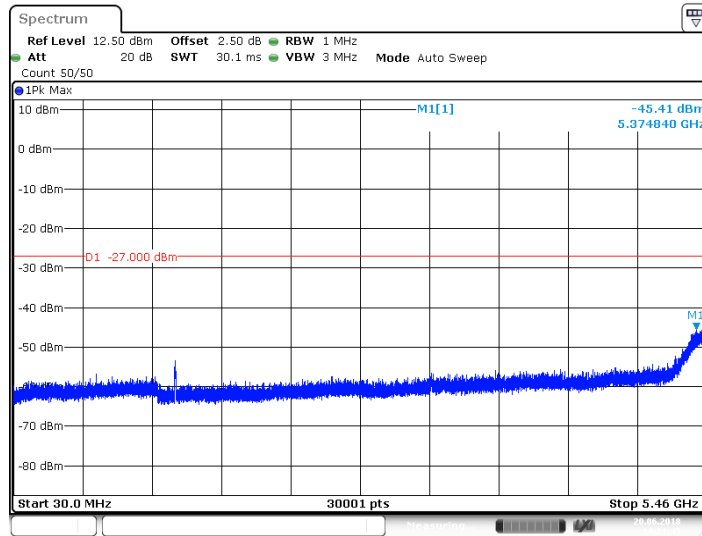


Date: 20 JUN 2018 14:08:30

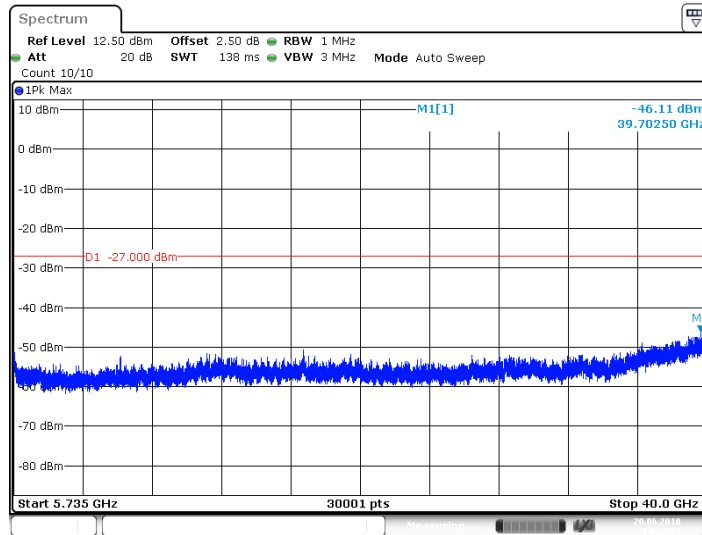




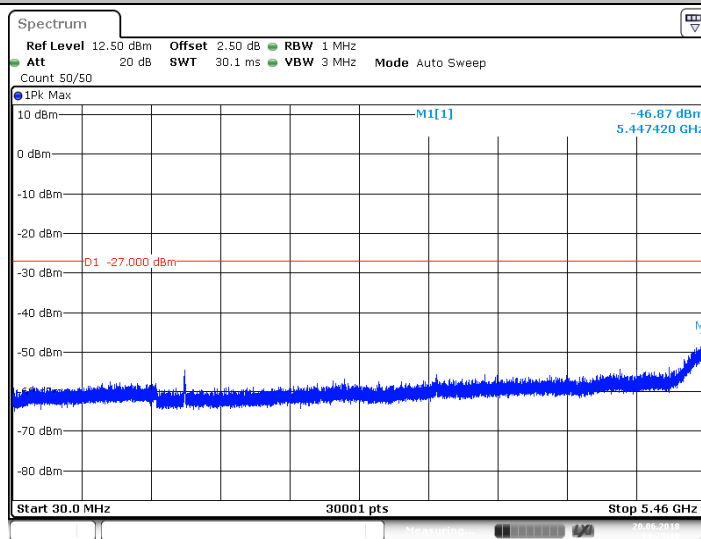
11ac VHT20_Ant1_5500_30~5460



11ac VHT20_Ant1_5500_5735~40000

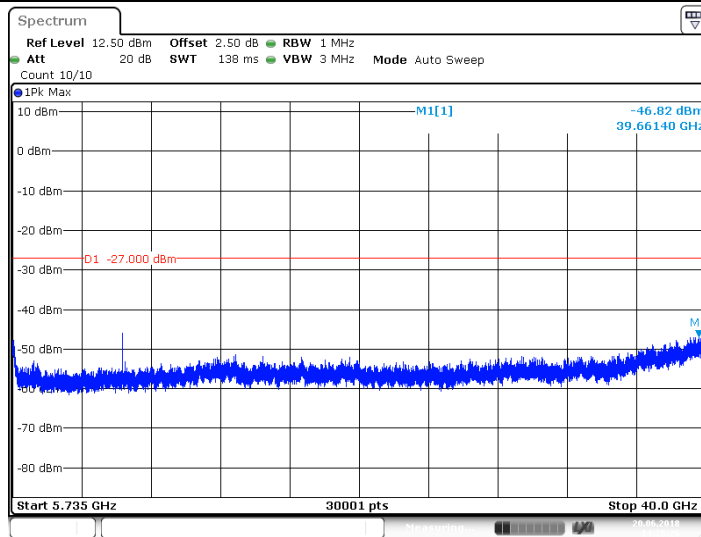


11ac VHT20_Ant1_5580_30~5460



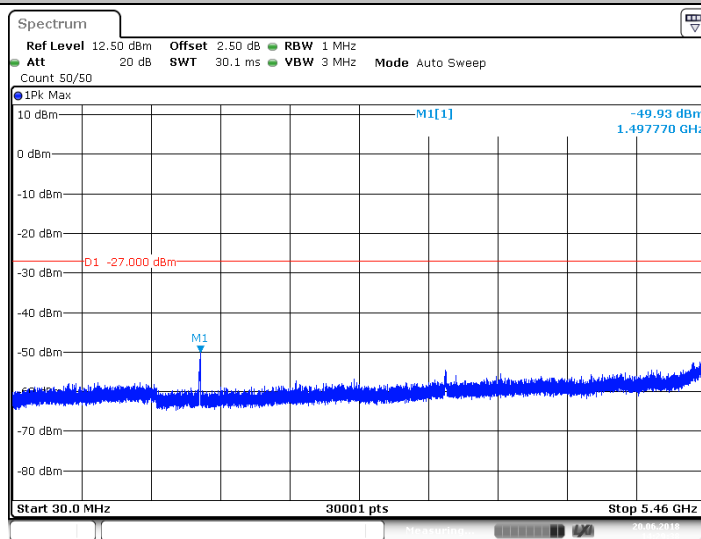
Date: 20 JUN 2018 14:25:18

11ac VHT20_Ant1_5580_5735~40000



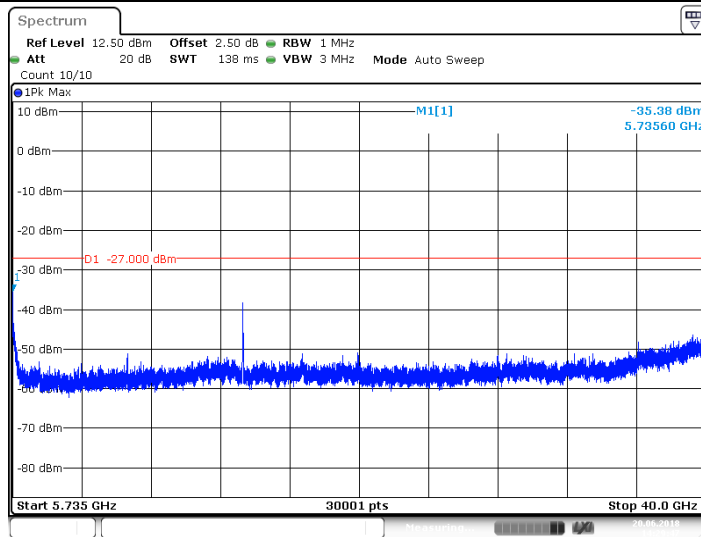
Date: 20 JUN 2018 14:25:27

11ac VHT20_Ant1_5700_30~5460



Date: 20 JUN 2018 14:29:38

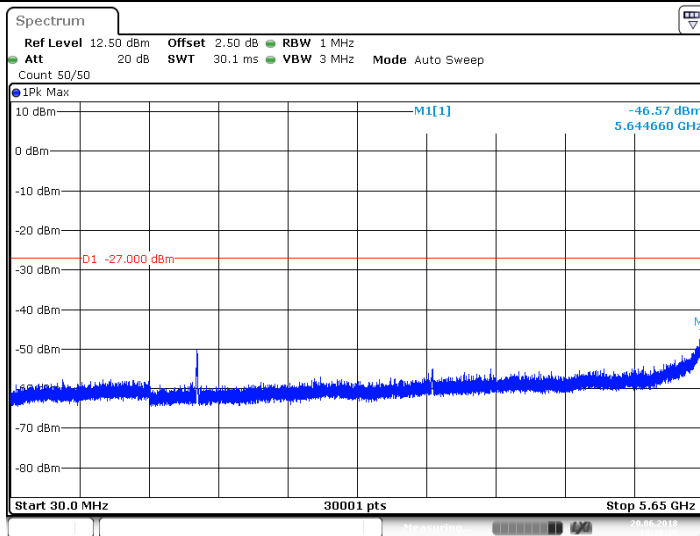
11ac VHT20_Ant1_5700_5735~40000



Date: 20 JUN 2018 14:29:46

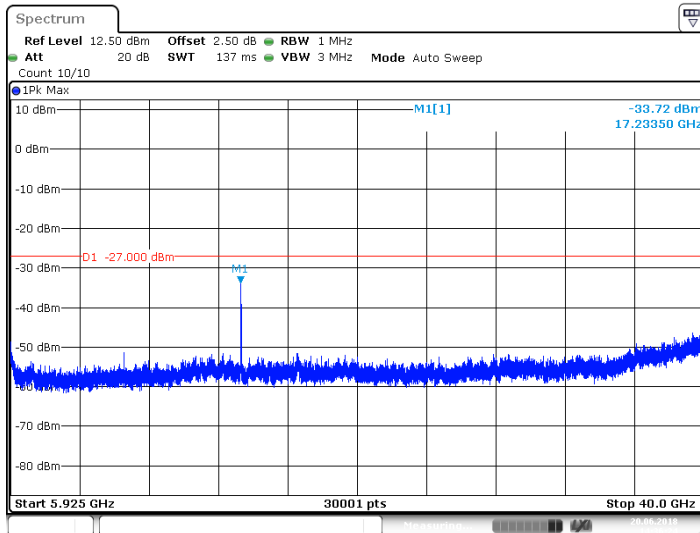


11ac VHT20_Ant1_5745_30~5650



Date: 20 JUN 2018 14:36:16

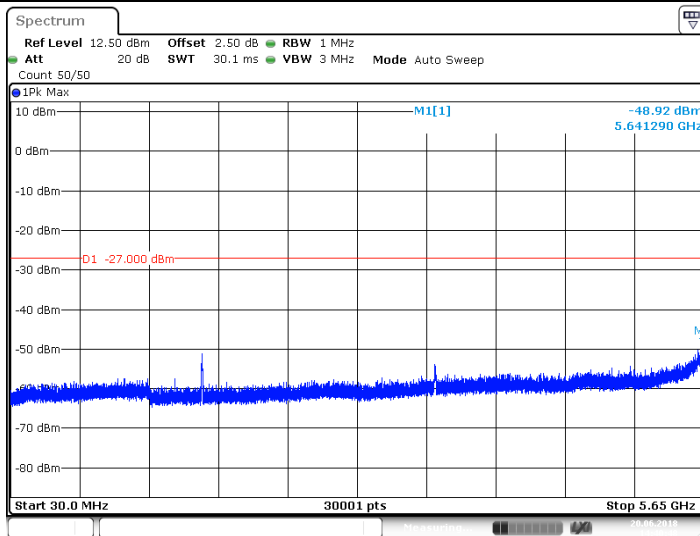
11ac VHT20_Ant1_5745_5925~40000



Date: 20 JUN 2018 14:36:24

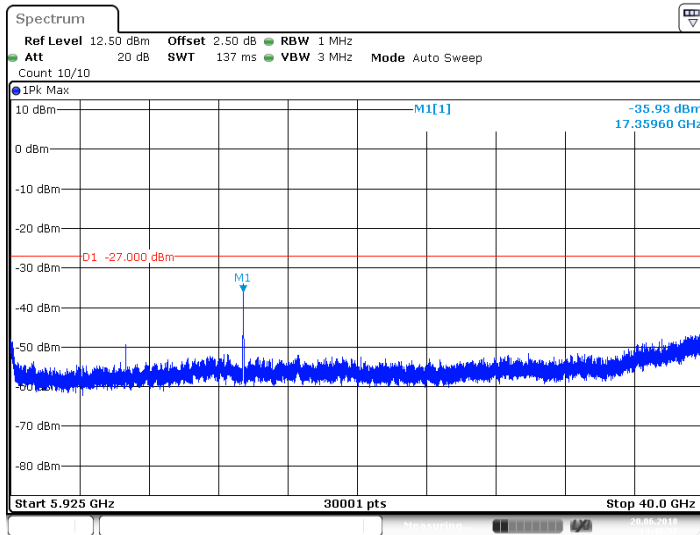


11ac VHT20_Ant1_5785_30~5650

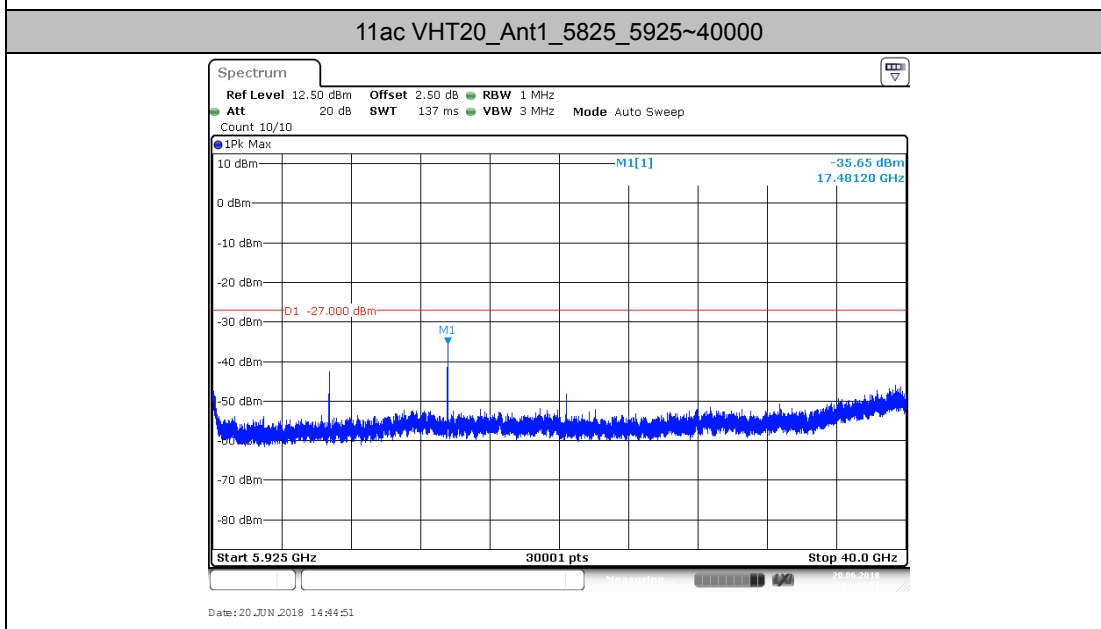
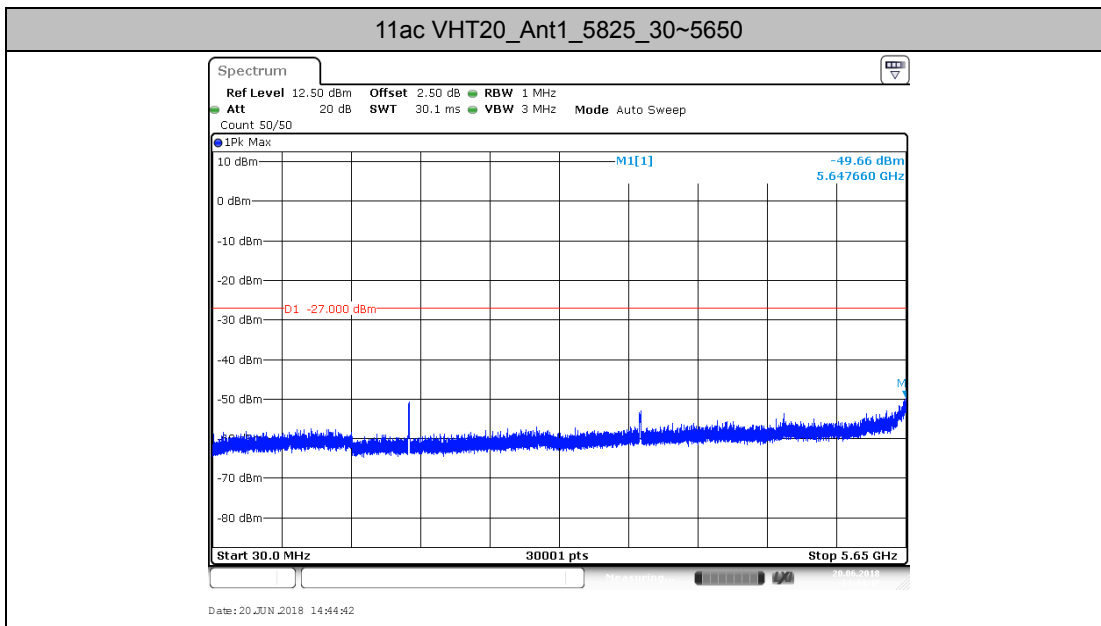


Date: 20 JUN 2018 14:40:48

11ac VHT20_Ant1_5785_5925~40000



Date: 20 JUN 2018 14:40:57





Appendix B8: Frequency Stability

Test Result (dBm)

TestMod e	Antenn a	Channe l (MHz)	Voltage			Deviation (Hz)	Deviation (ppm)	Limit (dBm) (ppm)	Verdict
			Voltage [Vdc]	Temper ature (°C)					
11ac VHT20	Ant1	5180	NV	NT	30000	5.791506	20	PASS	
		5180	LV	NT	0	0	20	PASS	
		5180	HV	NT	15000	2.895753	20	PASS	
		5200	NV	NT	0	0	20	PASS	
		5200	LV	NT	-30000	-5.769231	20	PASS	
		5200	HV	NT	15000	2.884615	20	PASS	
		5240	NV	NT	15000	2.862595	20	PASS	
		5240	LV	NT	0	0	20	PASS	
		5240	HV	NT	-15000	-2.862595	20	PASS	
		5260	NV	NT	-15000	-2.851711	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	-15000	-2.819549	20	PASS	
		5320	LV	NT	-15000	-2.819549	20	PASS	
		5320	HV	NT	-15000	-2.819549	20	PASS	
		5500	NV	NT	0	0	20	PASS	
		5500	LV	NT	-30000	-5.454545	20	PASS	
		5500	HV	NT	0	0	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	15000	2.631579	20	PASS	
		5700	HV	NT	-15000	-2.631579	20	PASS	
		5745	NV	NT	-15000	-2.610966	20	PASS	
		5745	LV	NT	0	0	20	PASS	
		5745	HV	NT	0	0	20	PASS	
5785	NV	NT	-30000	-5.185825	20	PASS			
5785	LV	NT	-15000	-2.592913	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	30000	5.150215	20	PASS			



Temperature								
TestMod e	Antenn a	Channe l (MHz)	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (dBm) (ppm)	Verdict
11ac VHT20	Ant1	5180	NV	-5	30000	5.791506	20	PASS
		5180	NV	50	-15000	-2.895753	20	PASS
		5200	NV	-5	0	0	20	PASS
		5200	NV	50	-15000	-2.884615	20	PASS
		5240	NV	-5	0	0	20	PASS
		5240	NV	50	15000	2.862595	20	PASS
		5260	NV	-5	-15000	-2.851711	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	-30000	-5.639098	20	PASS
		5320	NV	50	-30000	-5.639098	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	0	0	20	PASS
		5700	NV	-5	0	0	20	PASS
		5700	NV	50	-15000	-2.631579	20	PASS
		5745	NV	-5	0	0	20	PASS
		5745	NV	50	-15000	-2.610966	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		

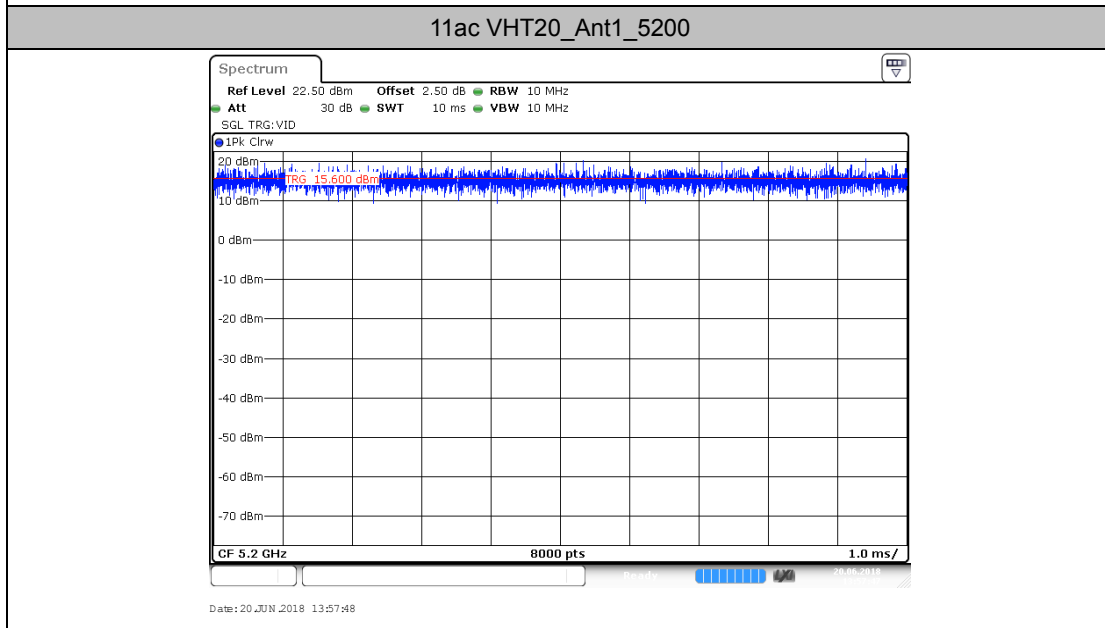
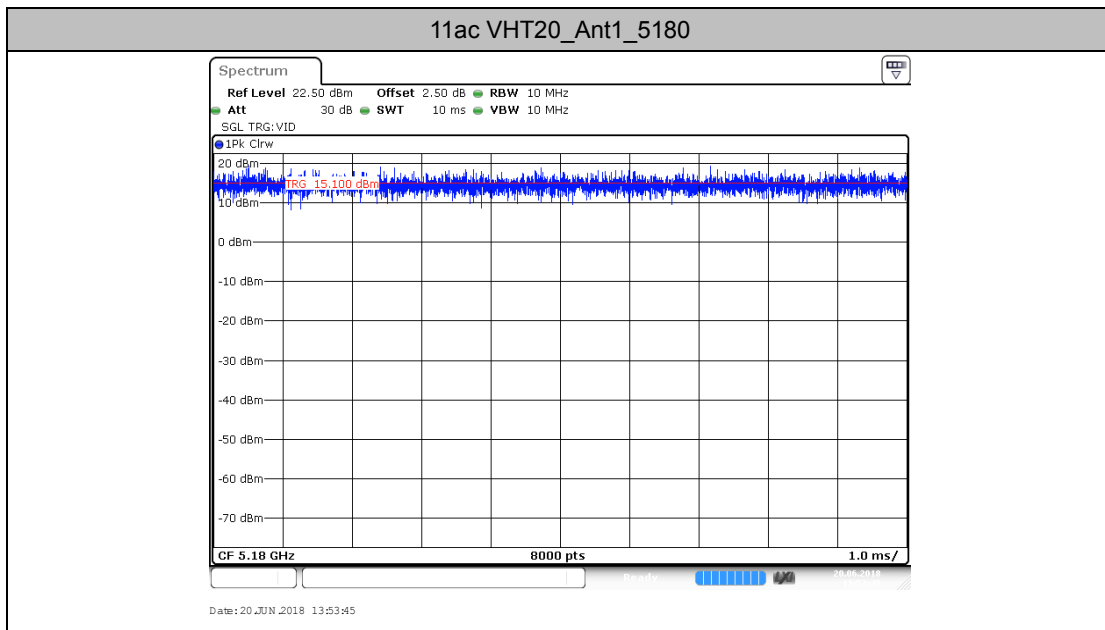


Appendix B9: Duty Cycle

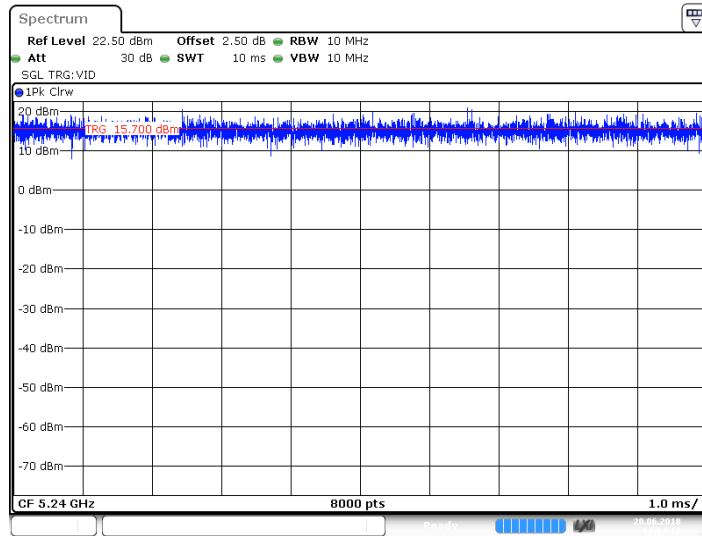
Test Result

TestMode	Antenna	Channel (MHz)	Duty Cycle [%]
11ac VHT20	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

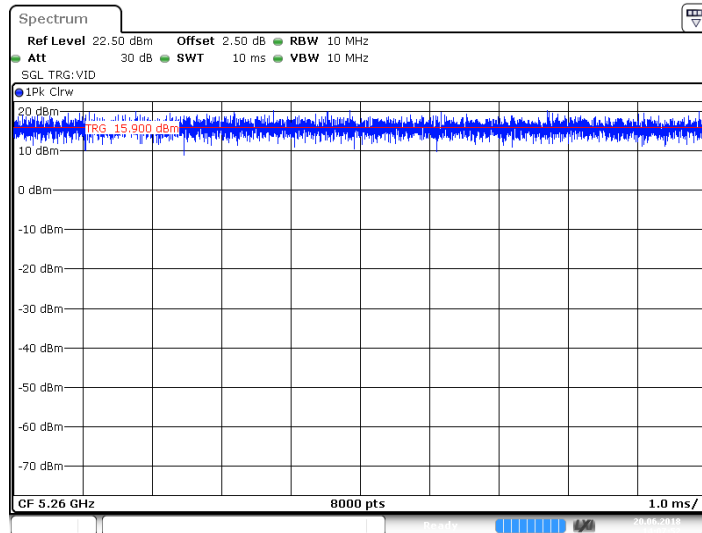


11ac VHT20_Ant1_5240



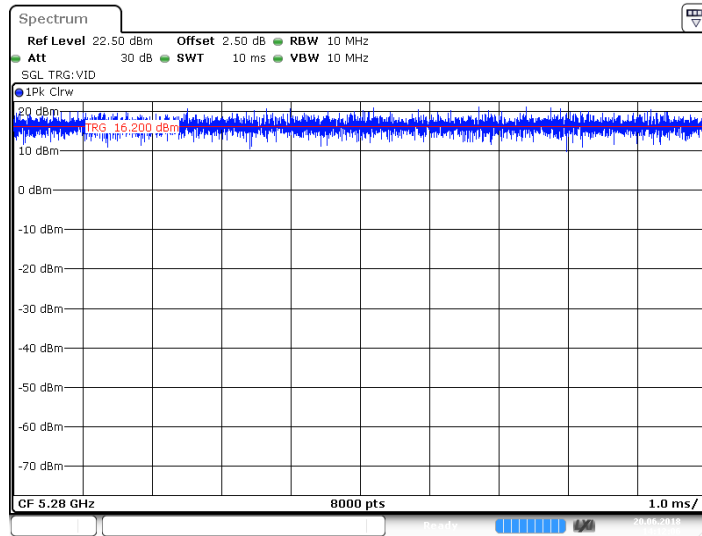
Date: 20 JUN 2018 14:04:11

11ac VHT20_Ant1_5260



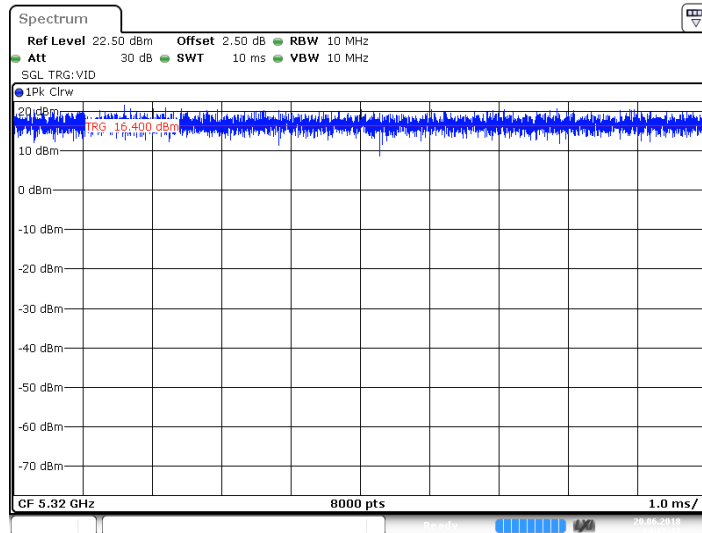
Date: 20 JUN 2018 14:07:53

11ac VHT20_Ant1_5280



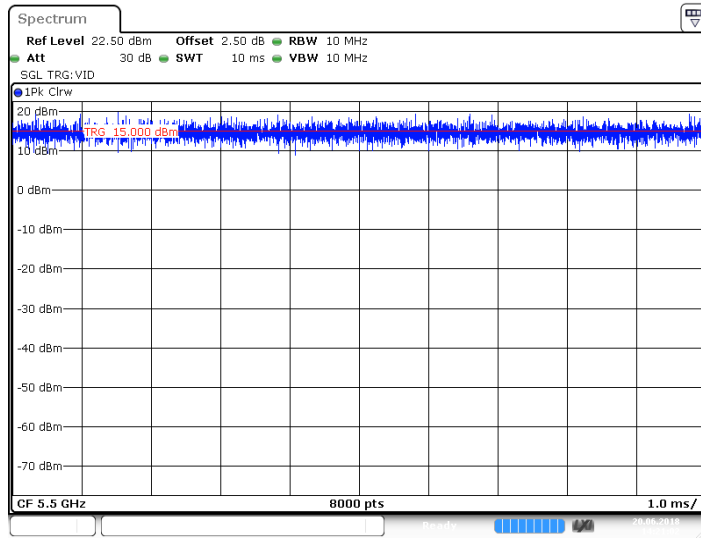
Date: 20 JUN 2018 14:12:06

11ac VHT20_Ant1_5320



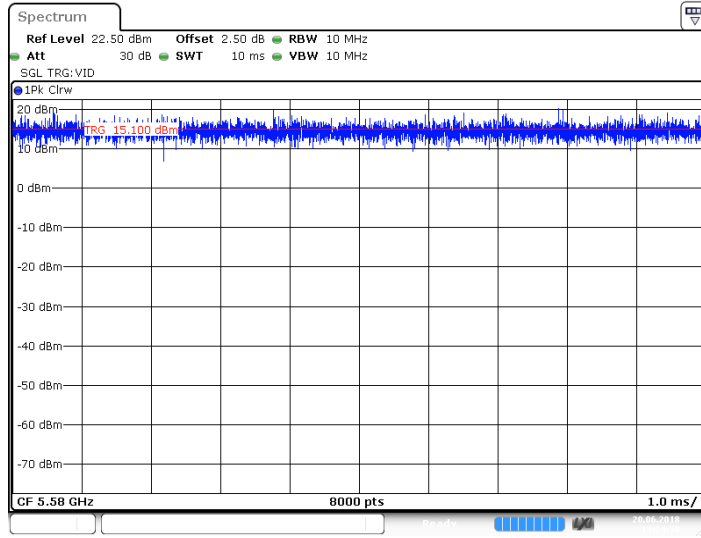
Date: 20 JUN 2018 14:17:32

11ac VHT20_Ant1_5500



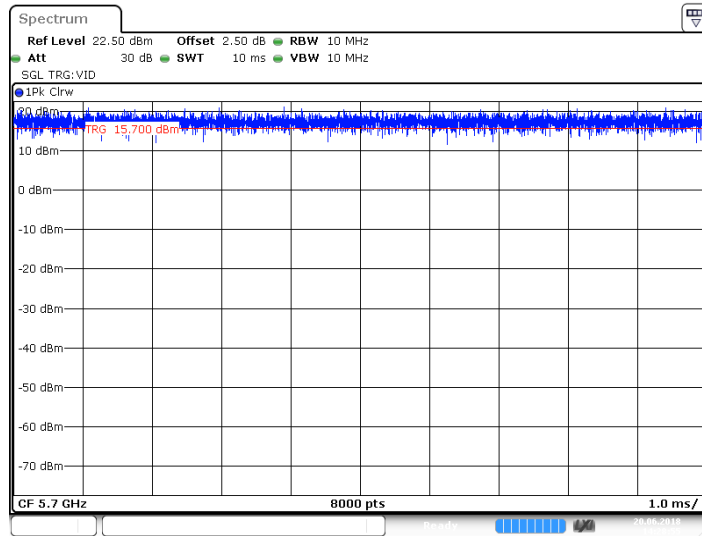
Date: 20 JUN 2018 14:21:03

11ac VHT20_Ant1_5580



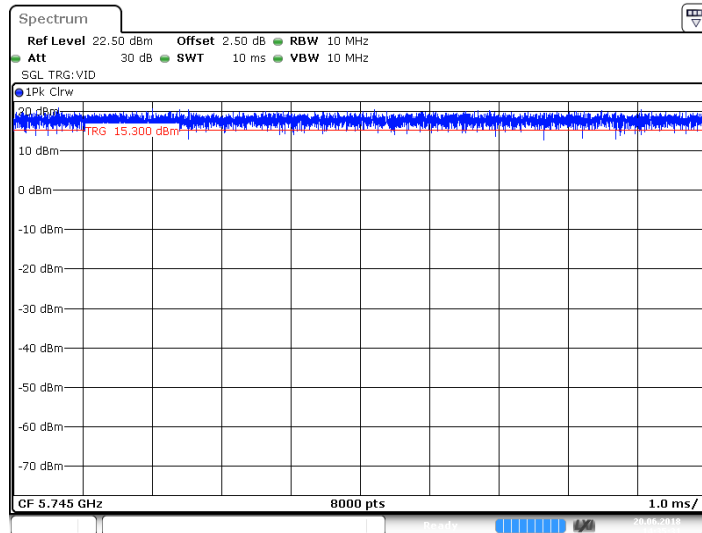
Date: 20 JUN 2018 14:24:50

11ac VHT20_Ant1_5700



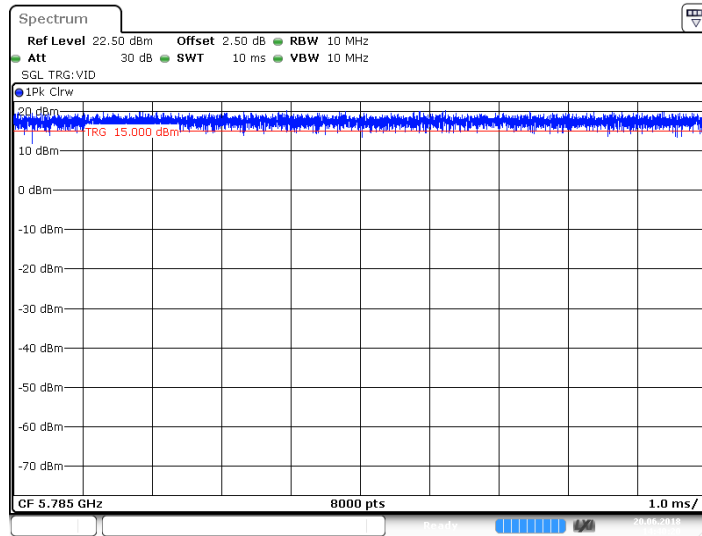
Date: 20 JUN 2018 14:28:56

11ac VHT20_Ant1_5745



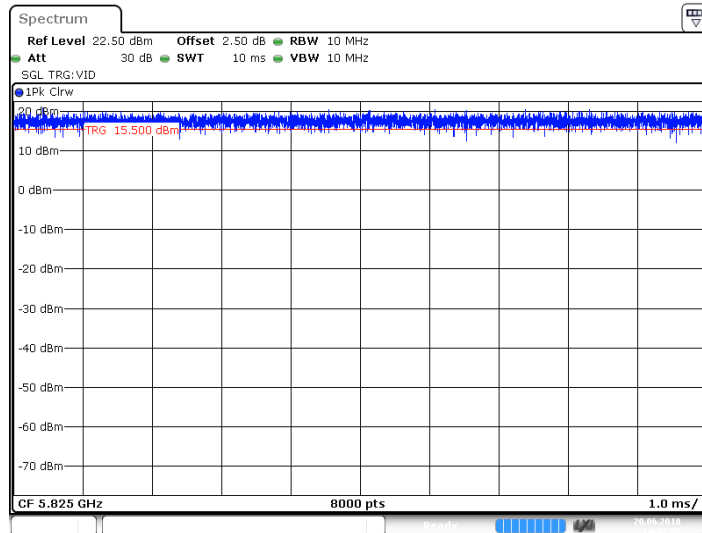
Date: 20 JUN 2018 14:35:32

11ac VHT20_Ant1_5785



Date: 20 JUN 2018 14:40:20

11ac VHT20_Ant1_5825



Date: 20 JUN 2018 14:43:59