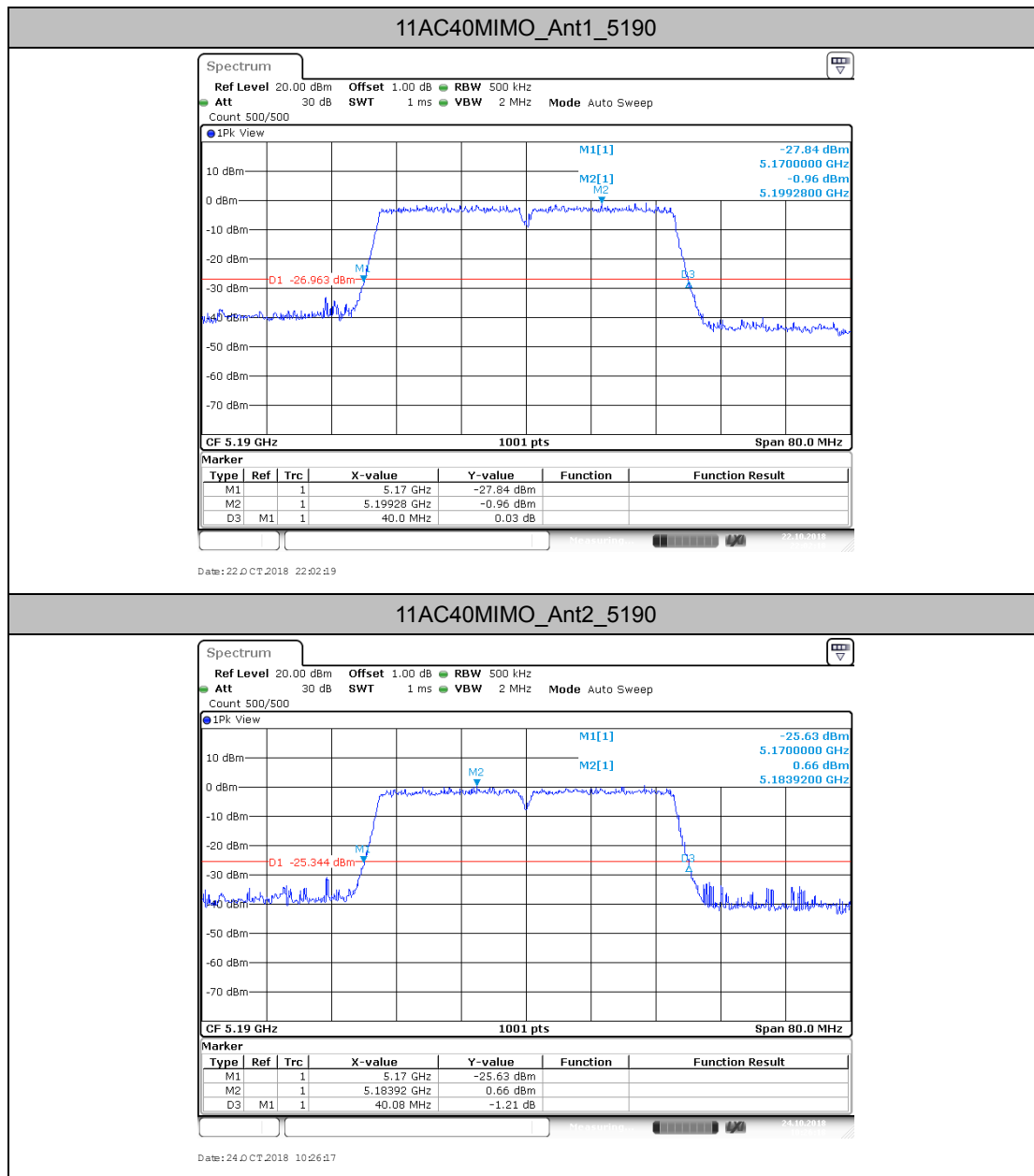


Appendix E1: Emission Bandwidth

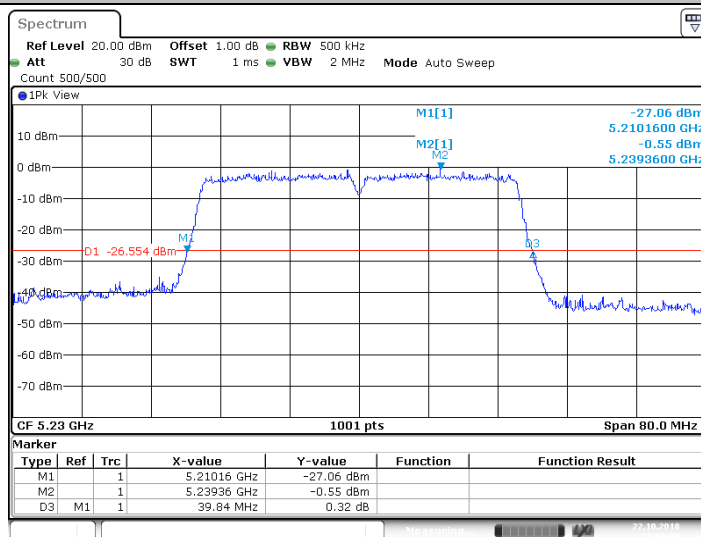
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC40MIMO	Ant1	5190	40.000	5170.000	5210.000	---	PASS
	Ant2	5190	40.080	5170.000	5210.080	---	PASS
	Ant1	5230	39.840	5210.160	5250.000	---	PASS
	Ant2	5230	40.080	5210.000	5250.080	---	PASS
	Ant1	5270	40.000	5250.000	5290.000	---	PASS
	Ant2	5270	40.080	5250.000	5290.080	---	PASS
	Ant1	5310	40.080	5290.000	5330.080	---	PASS
	Ant2	5310	39.920	5290.080	5330.000	---	PASS
	Ant1	5510	40.160	5489.920	5530.080	---	PASS
	Ant2	5510	40.000	5490.000	5530.000	---	PASS
	Ant1	5550	40.000	5530.000	5570.000	---	PASS
	Ant2	5550	40.080	5530.000	5570.080	---	PASS
	Ant1	5670	40.080	5649.840	5689.920	---	PASS
	Ant2	5670	40.160	5649.840	5690.000	---	PASS
	Ant1	5710	40.080	5689.920	5730.000	---	PASS
	Ant2	5710	39.920	5690.080	5730.000	---	PASS
	Ant1	5710_UNII-2C	35.08	5689.920	5725	---	PASS
	Ant2	5710_UNII-2C	34.92	5690.080	5725	---	PASS
	Ant1	5710_UNII-3	5	5725	5730.000	---	PASS
	Ant2	5710_UNII-3	5	5725	5730.000	---	PASS
	Ant1	5755	40.000	5734.920	5774.920	---	PASS
	Ant2	5755	40.080	5734.920	5775.000	---	PASS
	Ant1	5795	39.840	5775.000	5814.840	---	PASS
	Ant2	5795	40.080	5775.000	5815.080	---	PASS

Test Graphs

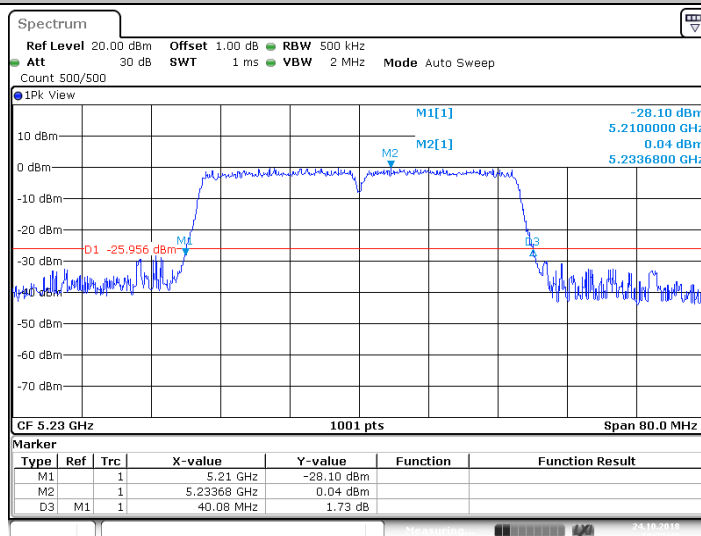


11AC40MIMO_Ant1_5230



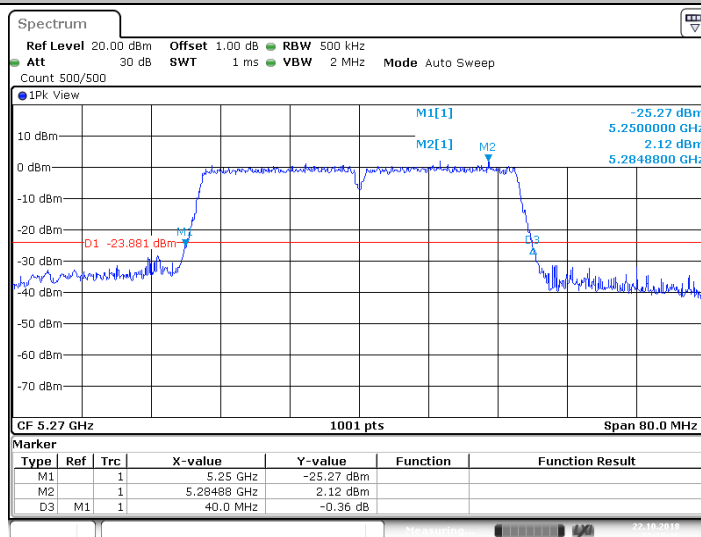
Date: 22.0 CT 2018 22:09:03

11AC40MIMO_Ant2_5230



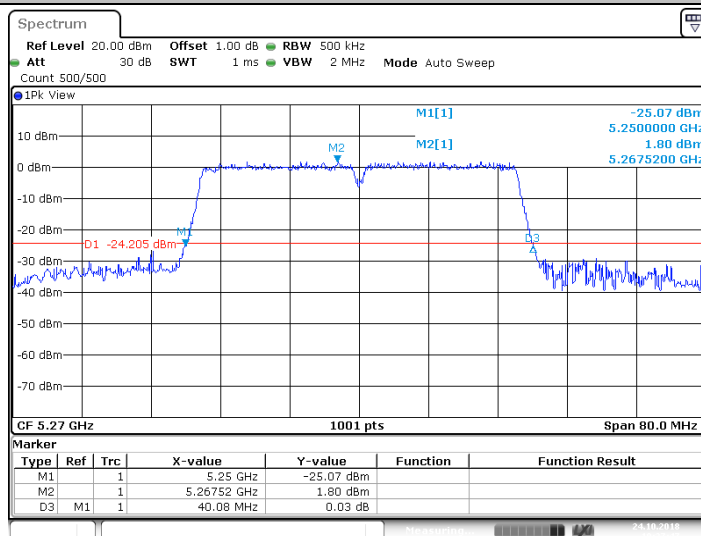
Date: 24.0 CT 2018 10:32:40

11AC40MIMO_Ant1_5270



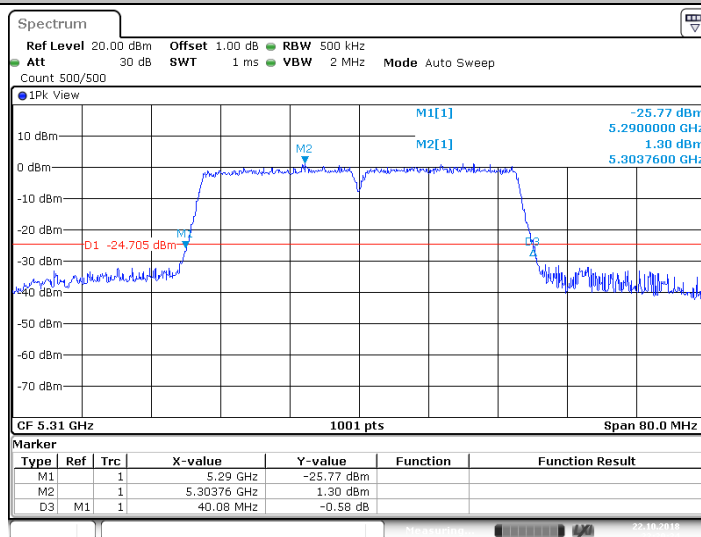
Date: 22.10.2018 22:15:26

11AC40MIMO_Ant2_5270



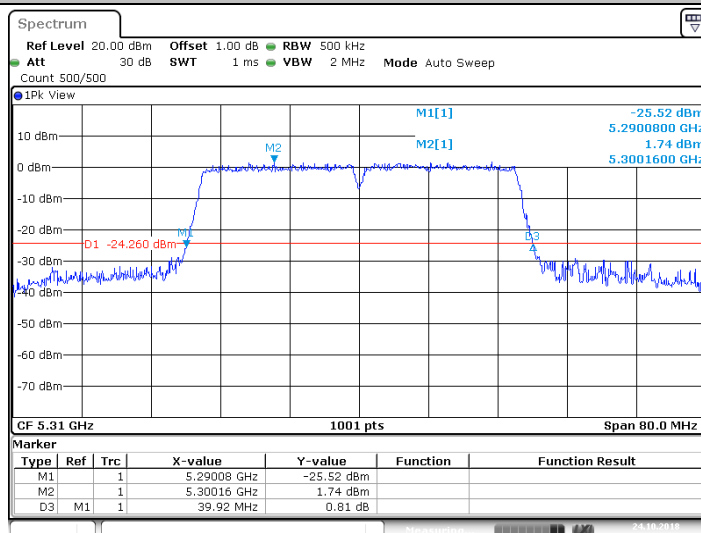
Date: 24.10.2018 10:37:47

11AC40MIMO_Ant1_5310



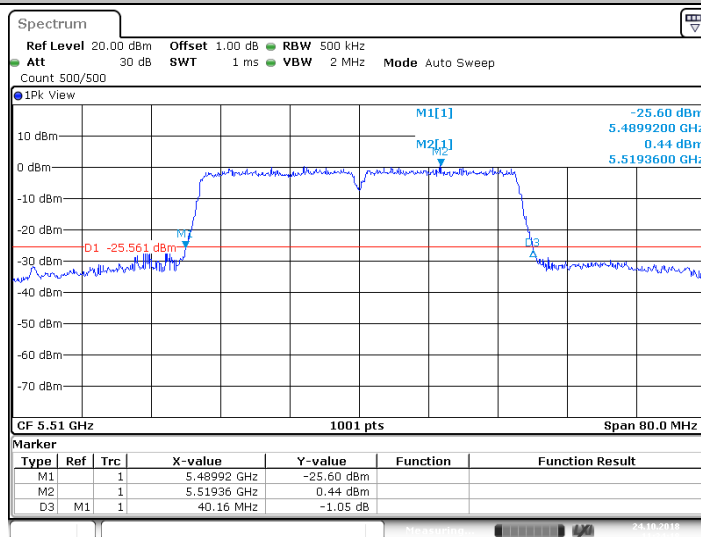
Date: 22.10.2018 22:20:33

11AC40MIMO_Ant2_5310

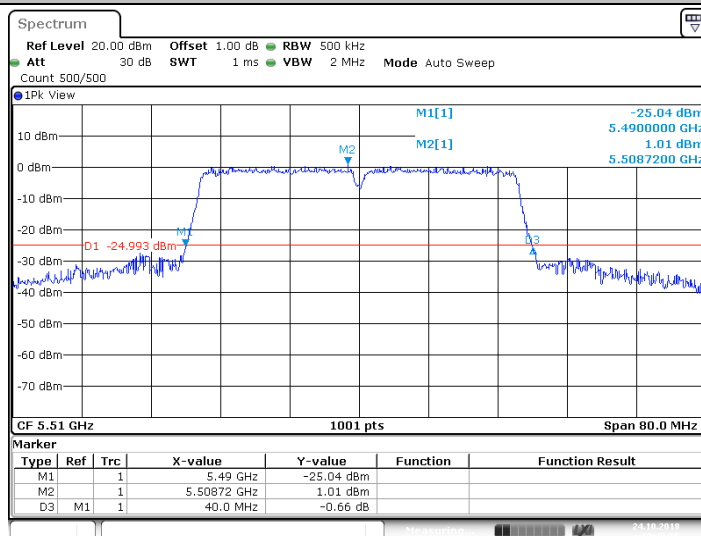


Date: 24.10.2018 10:43:20

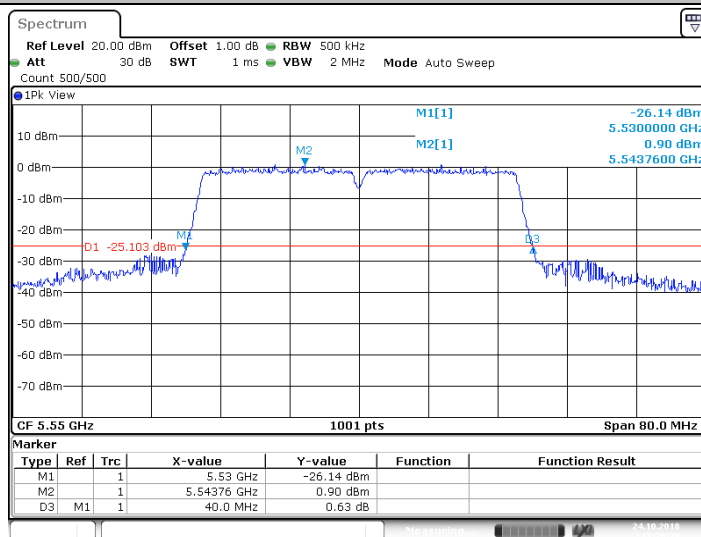
11AC40MIMO_Ant1_5510



11AC40MIMO_Ant2_5510

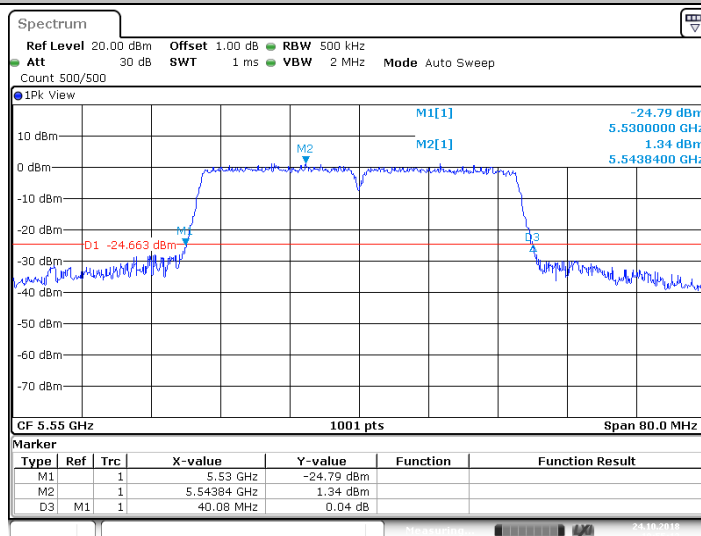


11AC40MIMO_Ant1_5550



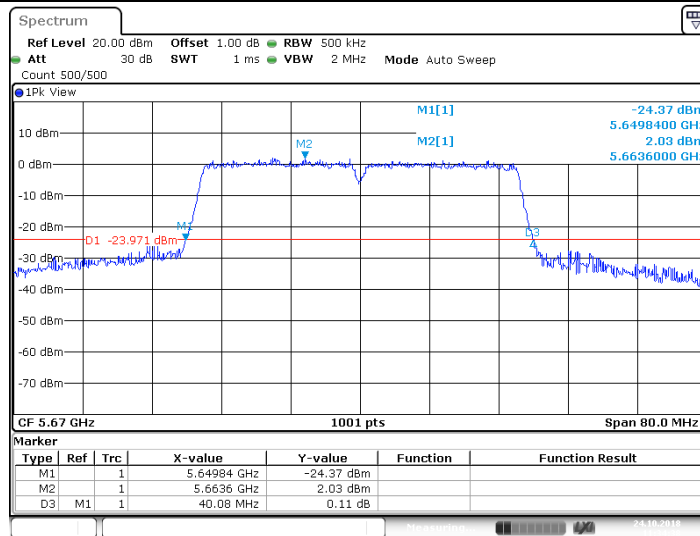
Date: 24.10.2018 11:29:39

11AC40MIMO_Ant2_5550



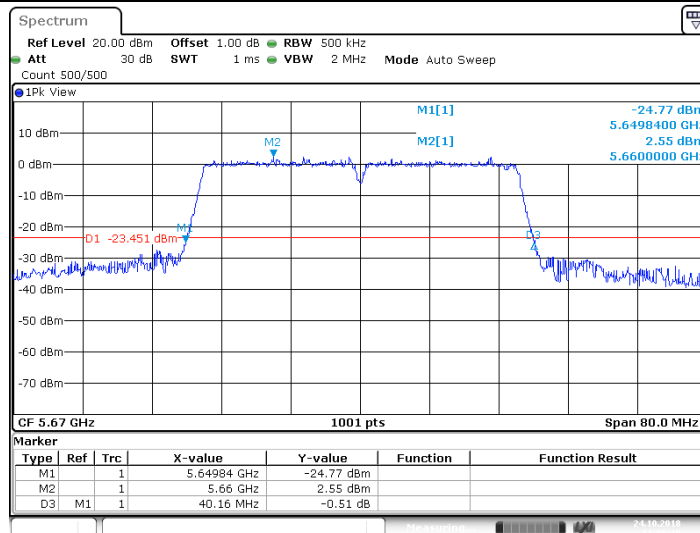
Date: 24.10.2018 10:55:12

11AC40MIMO_Ant1_5670



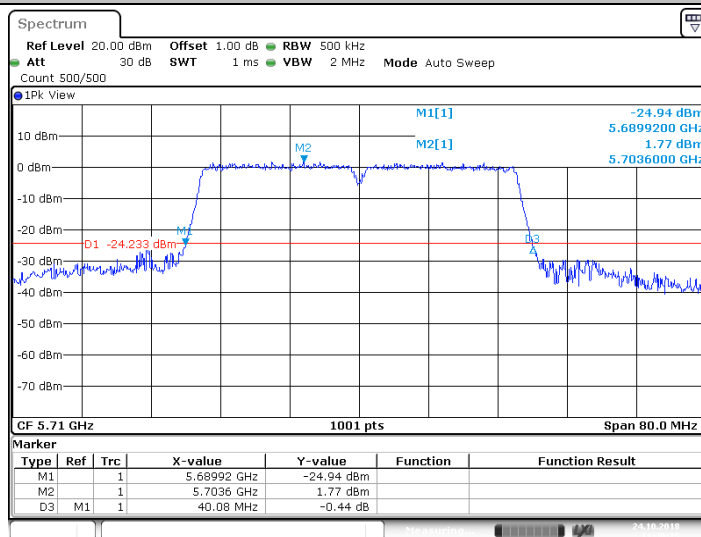
Date: 24.10.2018 11:34:39

11AC40MIMO_Ant2_5670



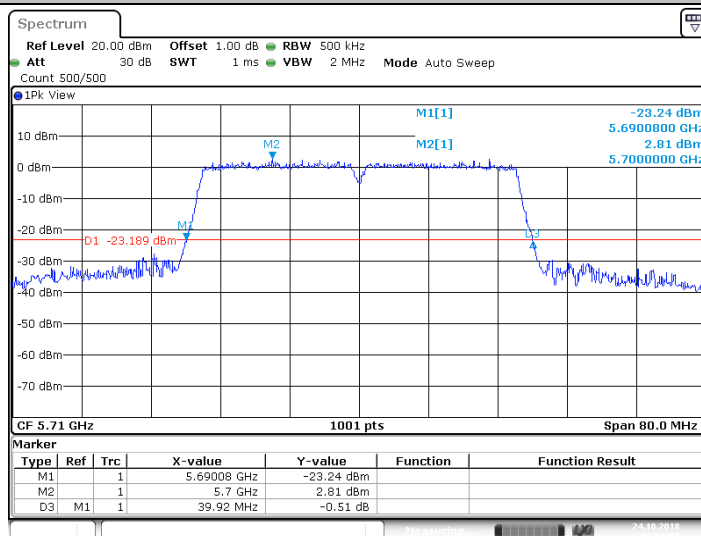
Date: 24.10.2018 11:40:10

11AC40MIMO_Ant1_5710



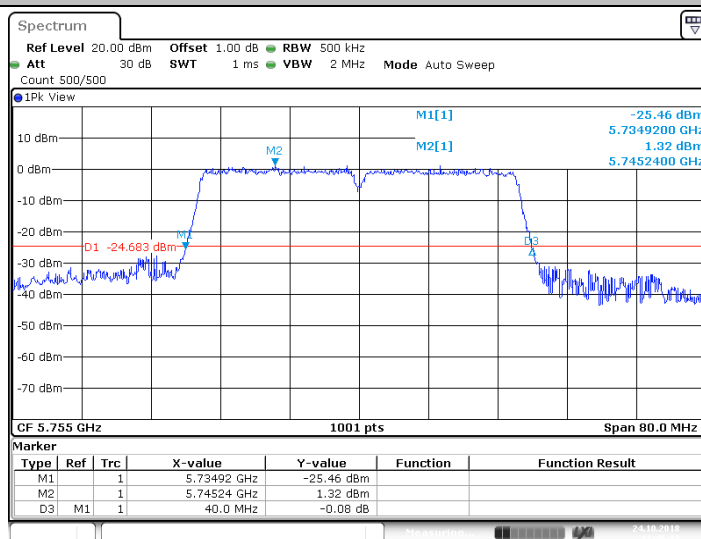
Date: 24.10.2018 11:40:25

11AC40MIMO_Ant2_5710

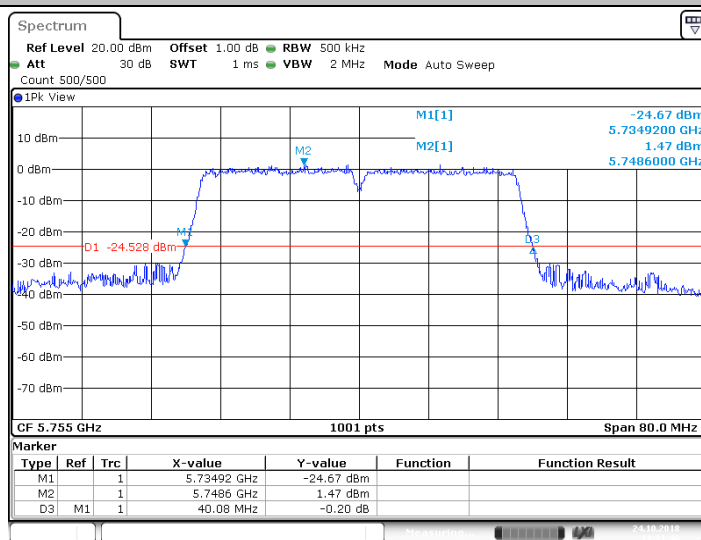


Date: 24.10.2018 11:46:12

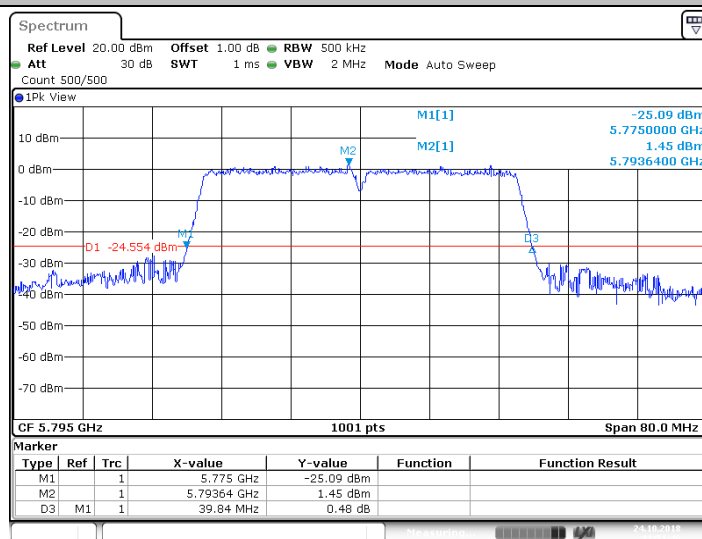
11AC40MIMO_Ant1_5755



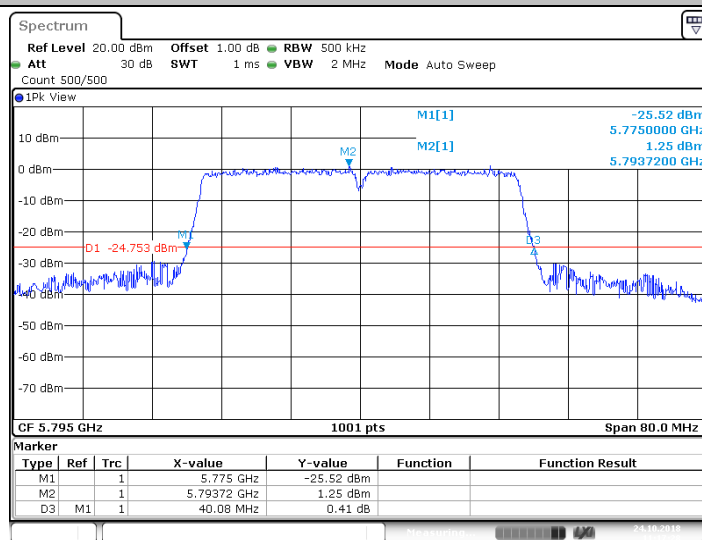
11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795

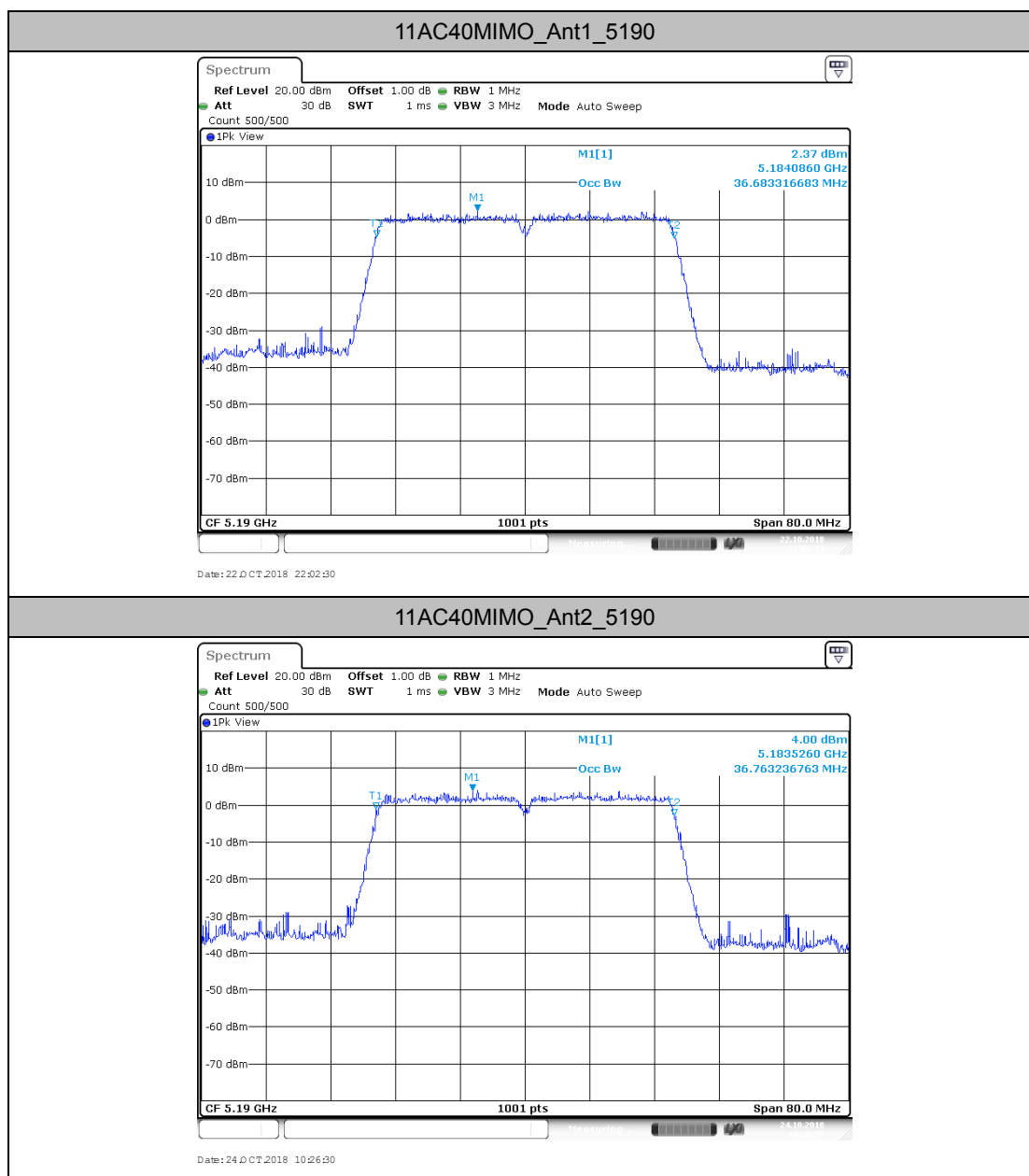


Appendix E2: Occupied channel bandwidth

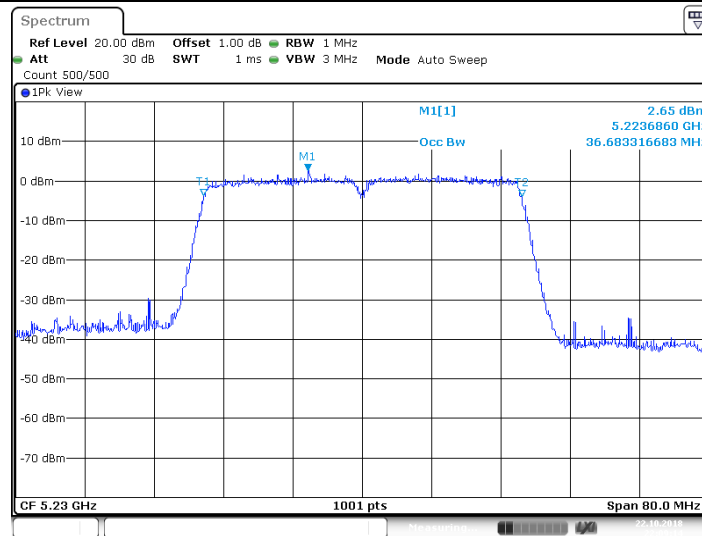
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC40MIMO	Ant1	5190	36.683	5171.698	5208.382	---	PASS
	Ant2	5190	36.763	5171.618	5208.382	---	PASS
	Ant1	5230	36.683	5211.698	5248.382	---	PASS
	Ant2	5230	36.683	5211.698	5248.382	---	PASS
	Ant1	5270	36.843	5251.618	5288.462	---	PASS
	Ant2	5270	36.763	5251.698	5288.462	---	PASS
	Ant1	5310	36.683	5291.698	5328.382	---	PASS
	Ant2	5310	36.683	5291.698	5328.382	---	PASS
	Ant1	5510	37.003	5491.538	5528.541	---	PASS
	Ant2	5510	36.843	5491.538	5528.382	---	PASS
	Ant1	5550	36.763	5531.618	5568.382	---	PASS
	Ant2	5550	36.763	5531.618	5568.382	---	PASS
	Ant1	5670	36.843	5651.538	5688.382	---	PASS
	Ant2	5670	36.843	5651.538	5688.382	---	PASS
	Ant1	5710	36.683	5691.618	5728.302	---	PASS
	Ant2	5710	36.763	5691.618	5728.382	---	PASS
	Ant1	5710_UNII-2C	33.382	5691.618	5725	---	PASS
	Ant2	5710_UNII-2C	33.382	5691.618	5725	---	PASS
	Ant1	5710_UNII-3	3.302	5725	5728.302	---	PASS
	Ant2	5710_UNII-3	3.382	5725	5728.382	---	PASS
	Ant1	5755	36.763	5736.538	5773.302	---	PASS
	Ant2	5755	36.763	5736.618	5773.382	---	PASS
	Ant1	5795	36.763	5776.618	5813.382	---	PASS
	Ant2	5795	36.683	5776.618	5813.302	---	PASS

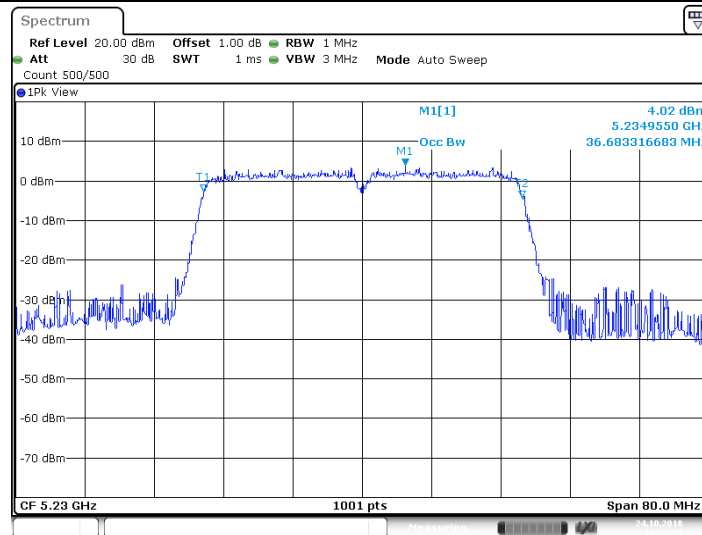
Test Graphs



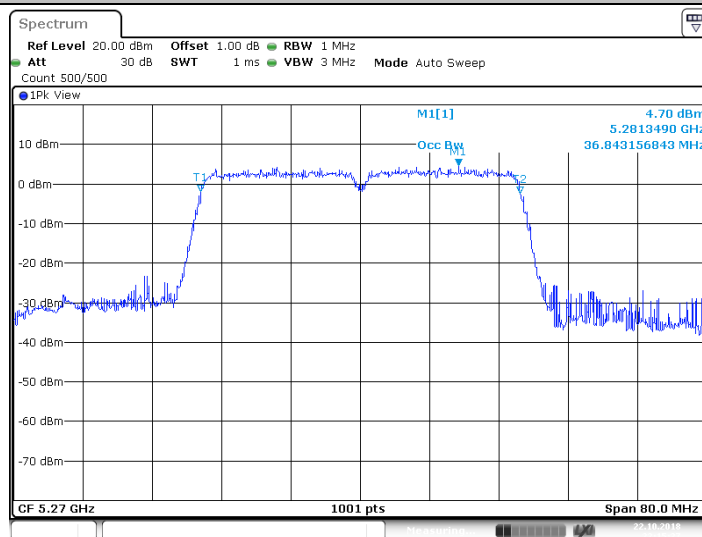
11AC40MIMO_Ant1_5230



11AC40MIMO_Ant2_5230

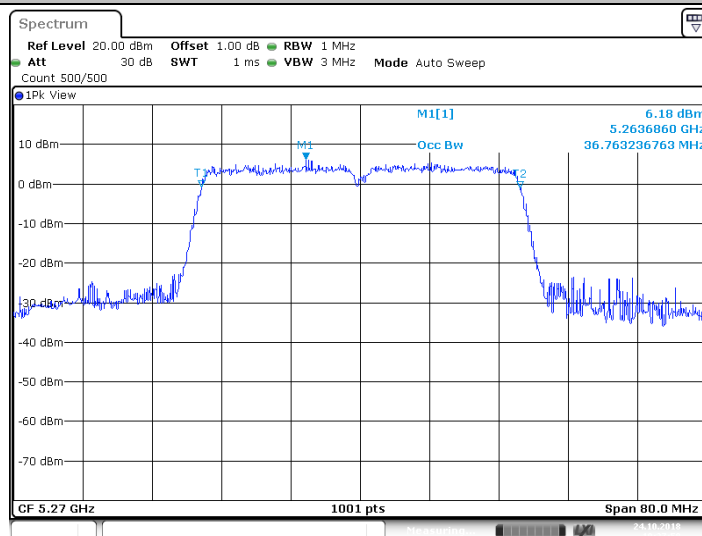


11AC40MIMO_Ant1_5270



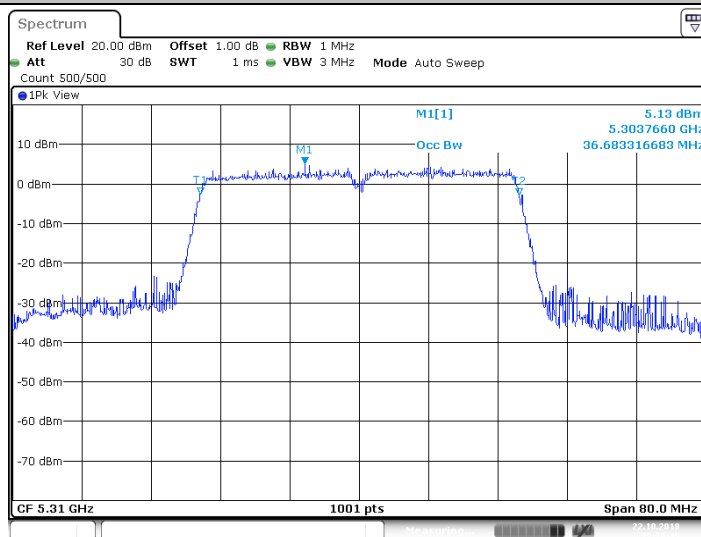
Date: 22.10.2018 22:15:37

11AC40MIMO_Ant2_5270

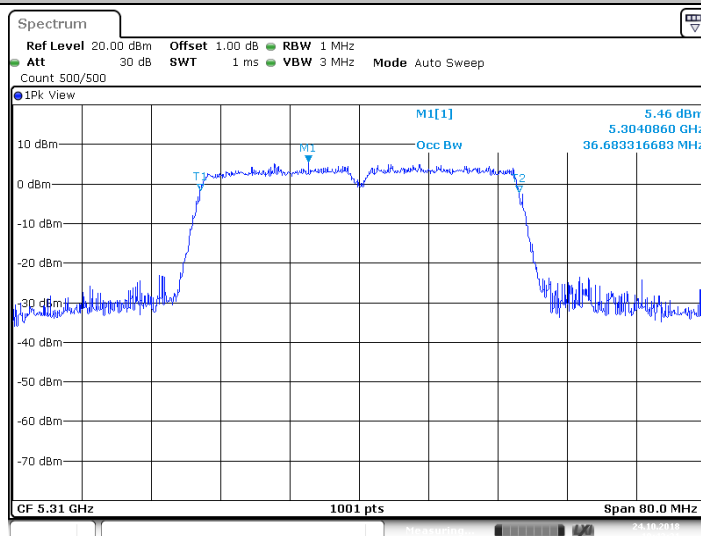


Date: 24.10.2018 10:37:59

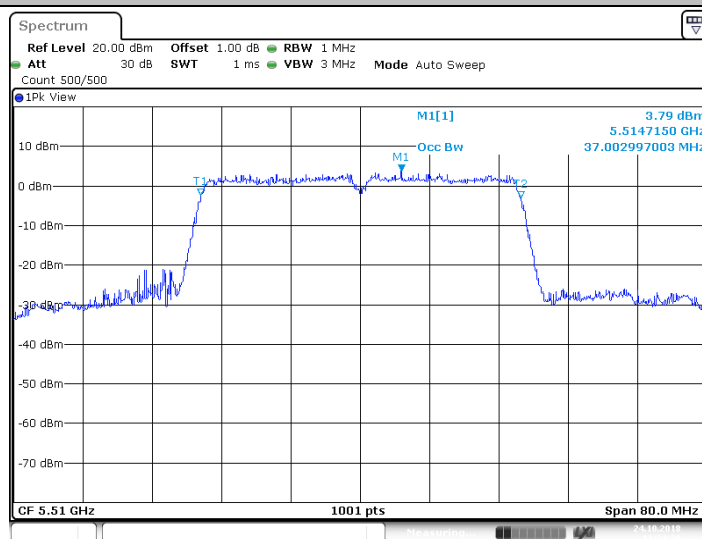
11AC40MIMO_Ant1_5310



11AC40MIMO_Ant2_5310

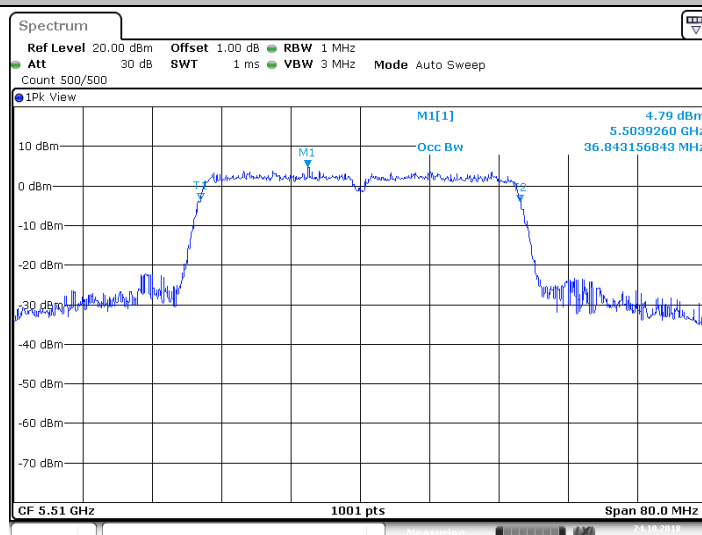


11AC40MIMO_Ant1_5510



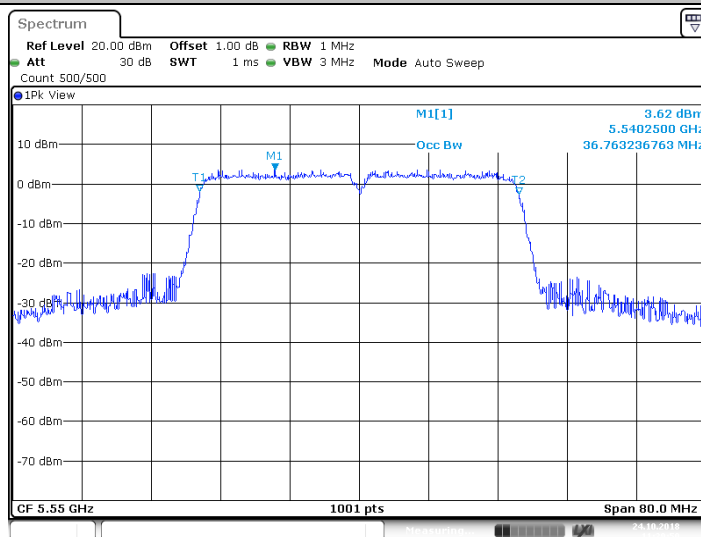
Date: 24.10.2018 11:24:30

11AC40MIMO_Ant2_5510



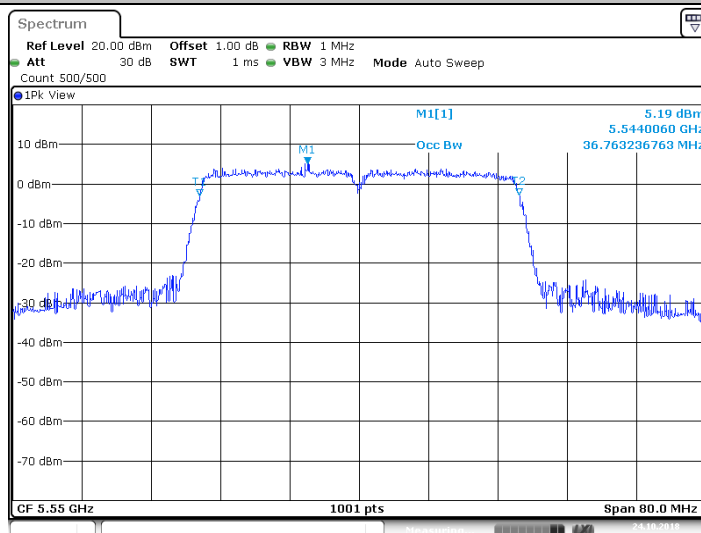
Date: 24.10.2018 10:50:07

11AC40MIMO_Ant1_5550



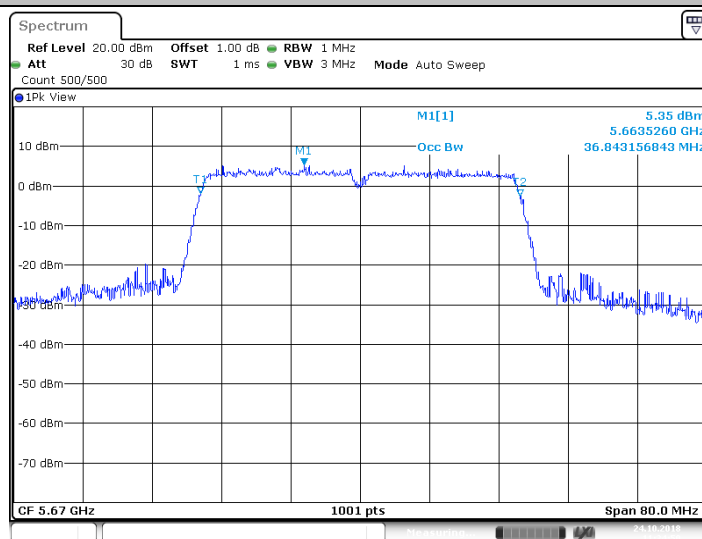
Date: 24.0 CT 2018 11:29:50

11AC40MIMO_Ant2_5550

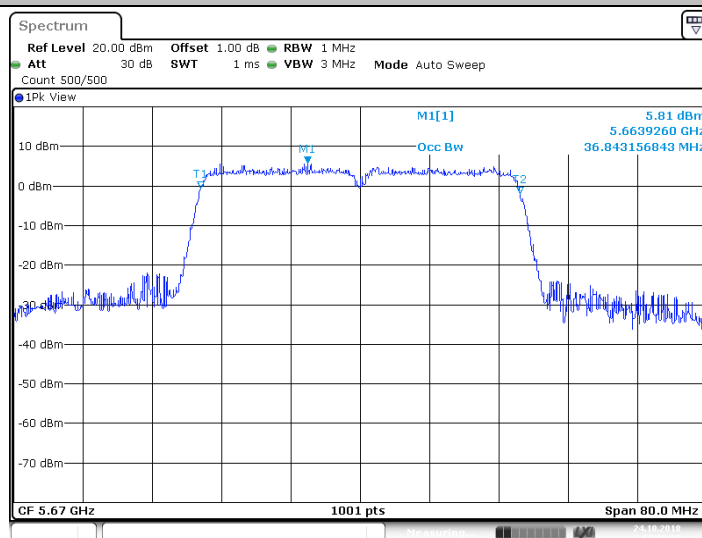


Date: 24.0 CT 2018 10:55:24

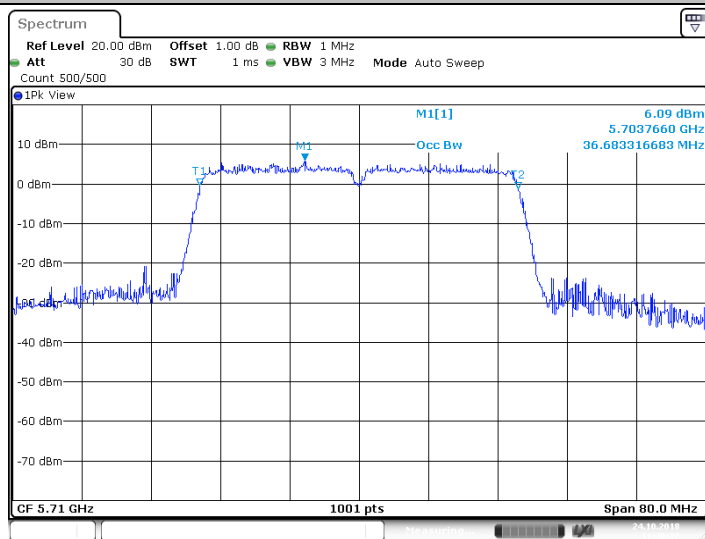
11AC40MIMO_Ant1_5670



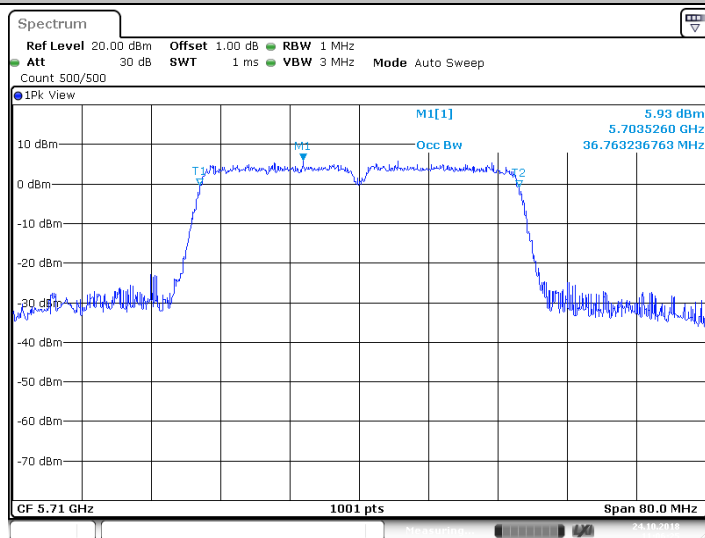
11AC40MIMO_Ant2_5670



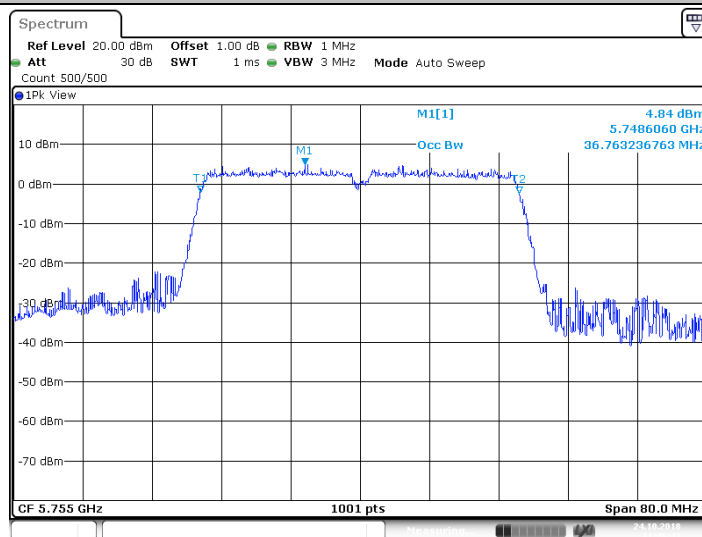
11AC40MIMO_Ant1_5710



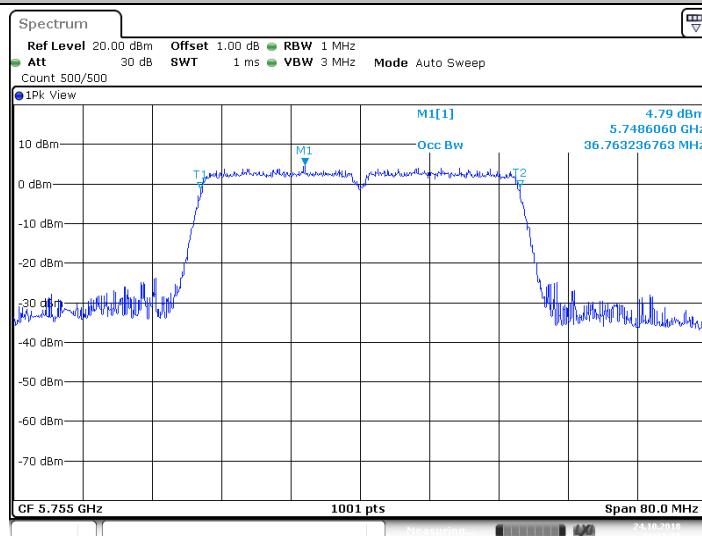
11AC40MIMO_Ant2_5710



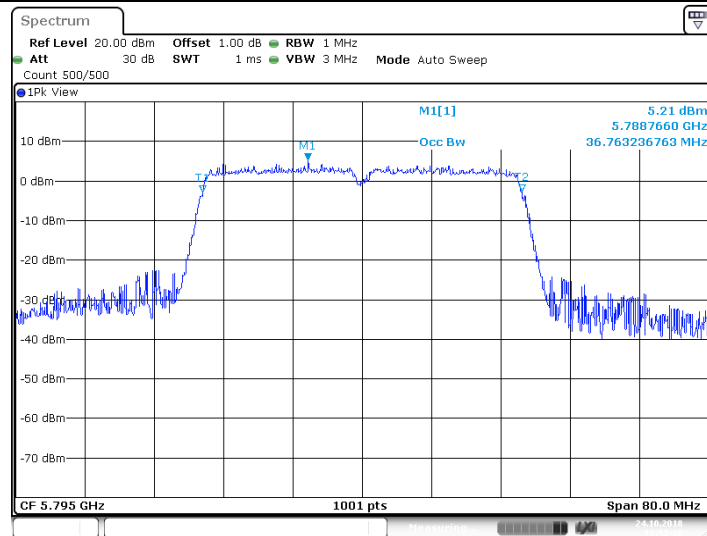
11AC40MIMO_Ant1_5755



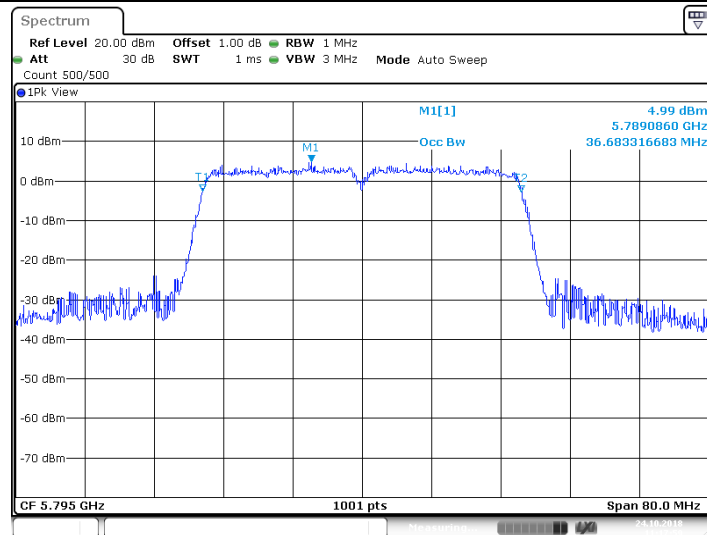
11AC40MIMO_Ant2_5755



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795

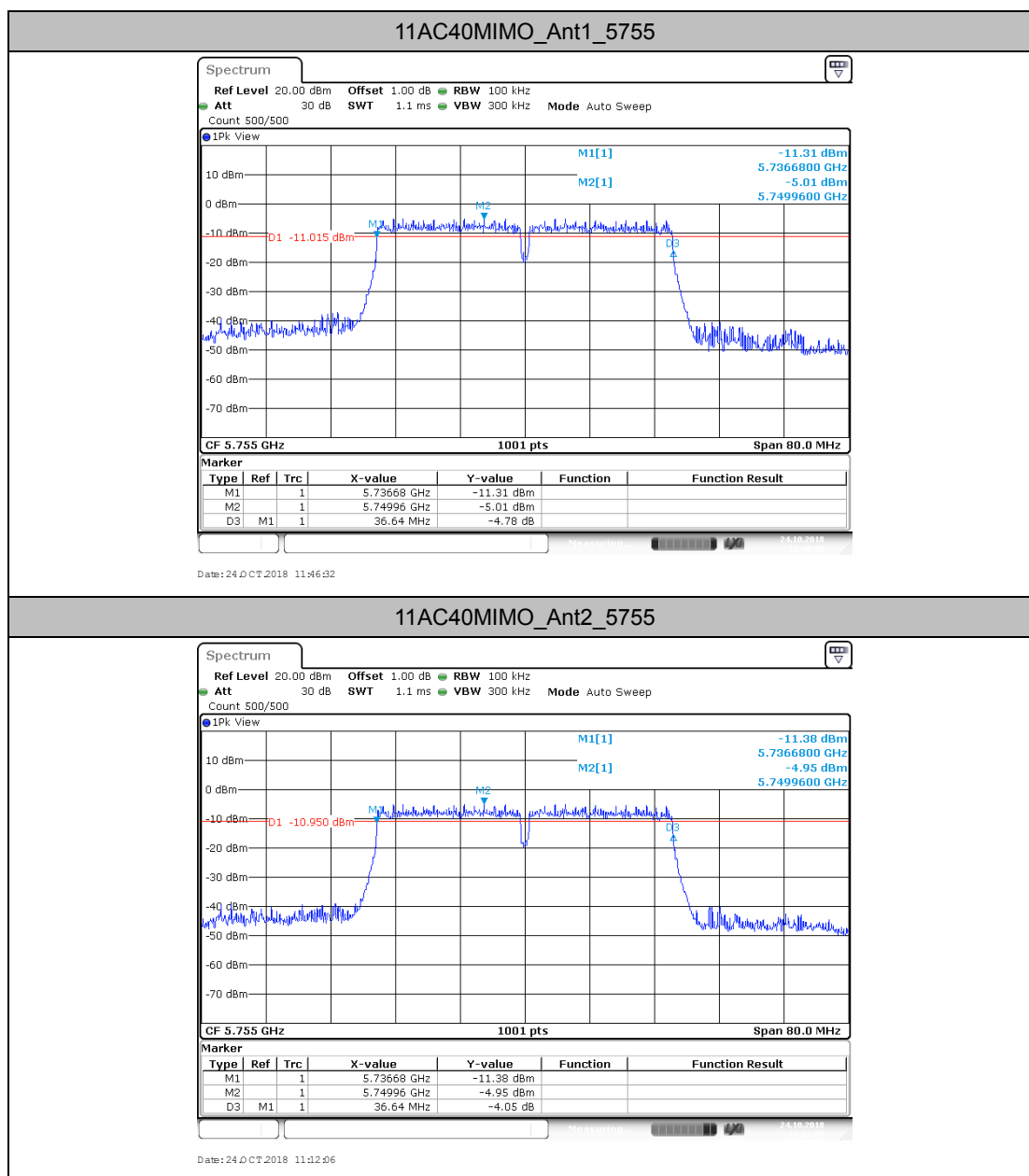


Appendix E3: Min emission bandwidth

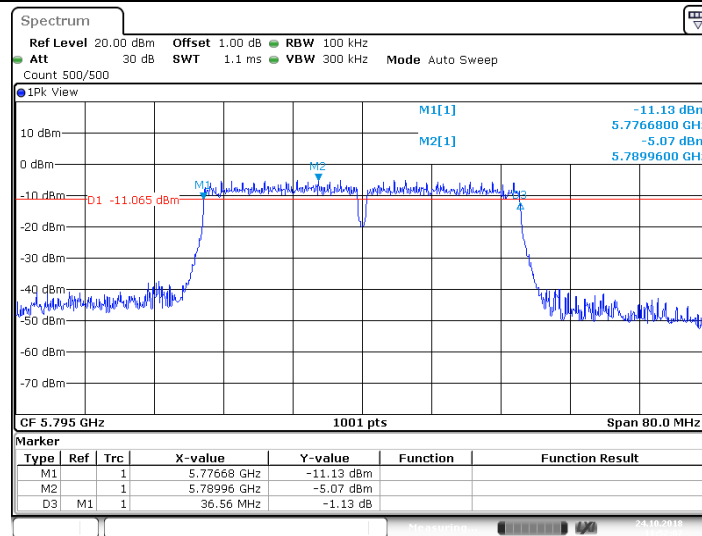
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11AC40MIMO	Ant1	5755	36.640	5736.680	5773.320	0.5	PASS
	Ant2	5755	36.640	5736.680	5773.320	0.5	PASS
	Ant1	5795	36.560	5776.680	5813.240	0.5	PASS
	Ant2	5795	36.560	5776.680	5813.240	0.5	PASS

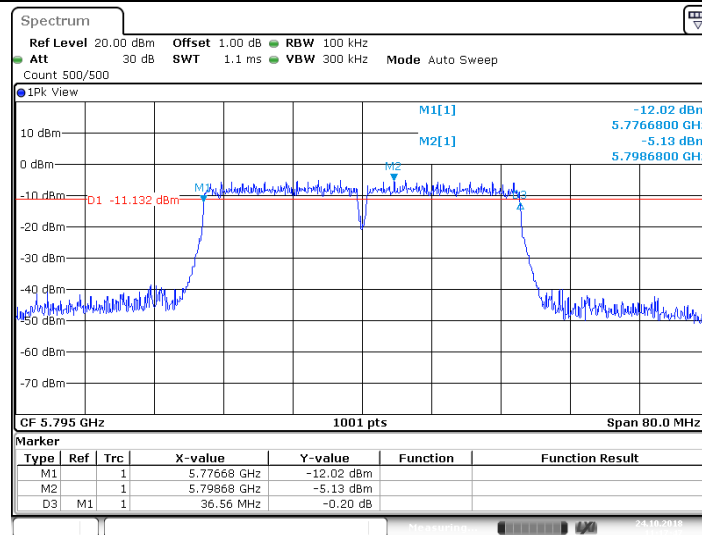
Test Graphs



11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



Appendix E4: Maximum conducted output power

Test Result

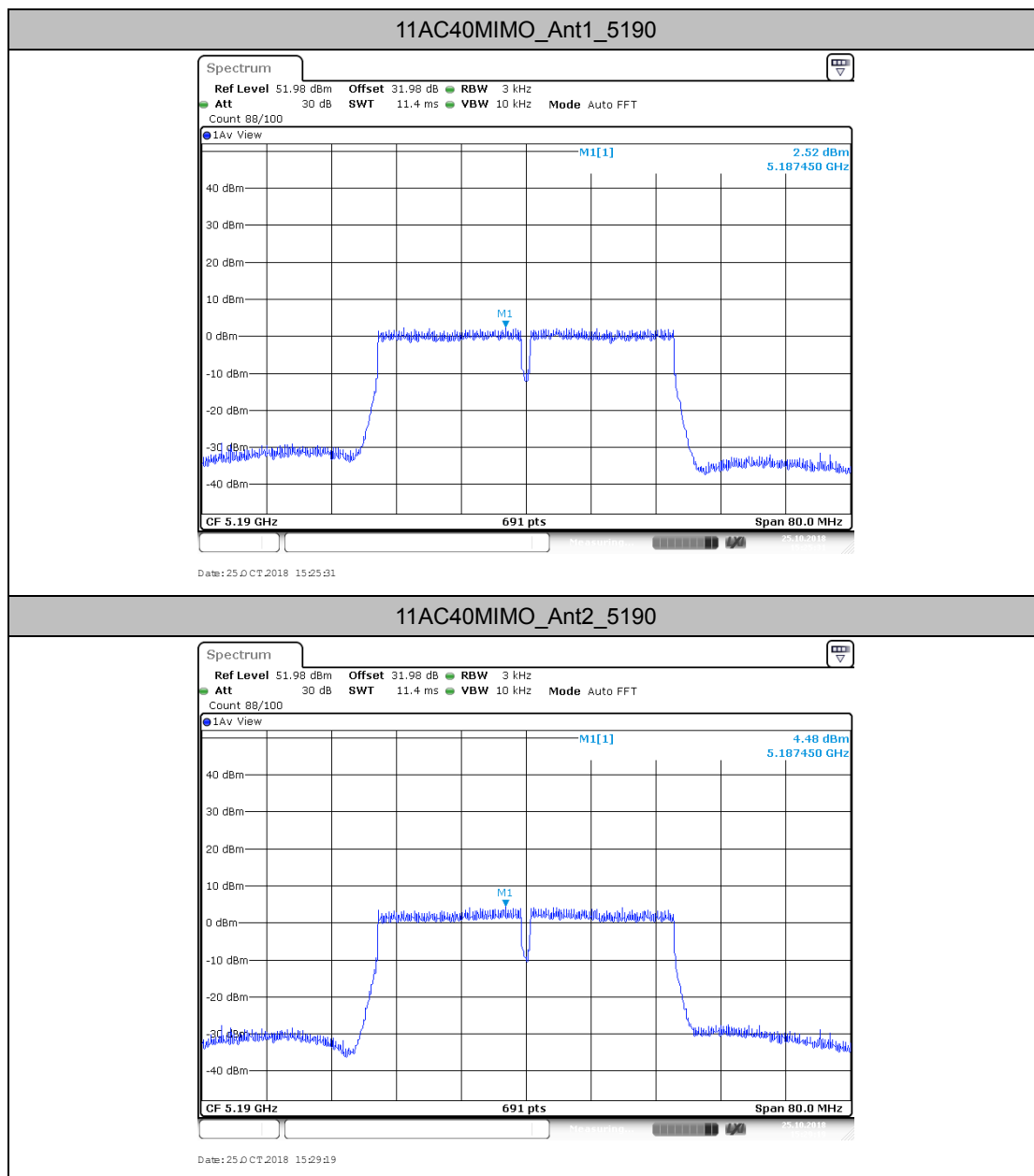
TestMode	Antenna	Channel	Result	Limit	Verdict
11AC40MIMO	Ant1	5190	11.70	23.98	PASS
	Ant2	5190	13.20	23.98	PASS
	total	5190	15.53	23.98	PASS
	Ant1	5230	11.70	23.98	PASS
	Ant2	5230	12.30	23.98	PASS
	total	5230	15.02	23.98	PASS
	Ant1	5270	13.80	23.98	PASS
	Ant2	5270	12.30	23.98	PASS
	total	5270	16.13	23.98	PASS
	Ant1	5310	12.90	23.98	PASS
	Ant2	5310	14.80	23.98	PASS
	total	5310	16.69	23.98	PASS
	Ant1	5510	12.10	23.98	PASS
	Ant2	5510	16.40	23.98	PASS
	total	5510	17.77	23.98	PASS
	Ant1	5550	13.10	23.98	PASS
	Ant2	5550	13.60	23.98	PASS
	total	5550	16.37	23.98	PASS
	Ant1	5670	15.20	23.98	PASS
	Ant2	5670	15.40	23.98	PASS
	total	5670	18.31	23.98	PASS
	Ant1	5710	14.90	23.98	PASS
	Ant2	5710	15.00	23.98	PASS
	total	5710	17.96	23.98	PASS
	Ant1	5755	15.20	30	PASS
	Ant2	5755	16.30	30	PASS
	total	5755	18.80	30	PASS
	Ant1	5795	15.30	30	PASS
	Ant2	5795	16.20	30	PASS
	total	5795	18.78	30	PASS

Appendix E5: Maximum power spectral density

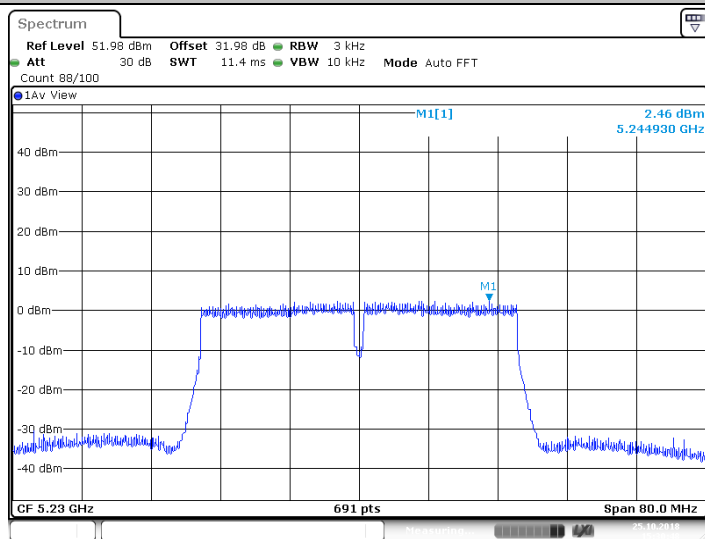
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11AC40MIMO	Ant1	5190	2.52	11	PASS
	Ant2	5190	4.48	11	PASS
	total	5190	6.62	11	PASS
	Ant1	5230	2.46	11	PASS
	Ant2	5230	4.52	11	PASS
	total	5230	6.62	11	PASS
	Ant1	5270	4.96	11	PASS
	Ant2	5270	5.62	11	PASS
	total	5270	8.31	11	PASS
	Ant1	5310	4.31	11	PASS
	Ant2	5310	5.24	11	PASS
	total	5310	7.81	11	PASS
	Ant1	5510	4.35	11	PASS
	Ant2	5510	5.2	11	PASS
	total	5510	7.81	11	PASS
	Ant1	5550	4.91	11	PASS
	Ant2	5550	5.44	11	PASS
	total	5550	8.19	11	PASS
	Ant1	5670	6.09	11	PASS
	Ant2	5670	6.41	11	PASS
	total	5670	9.26	11	PASS
	Ant1	5710_UNII-2C	6.2	11	PASS
	Ant2	5710_UNII-2C	6.97	11	PASS
	total	5710_UNII-2C	9.61	11	PASS
	Ant1	5710_UNII-3	2	11	PASS
	Ant2	5710_UNII-3	2.49	11	PASS
	total	5710_UNII-3	5.26	11	PASS
	Ant1	5755	2.88	30	PASS
	Ant2	5755	4.91	30	PASS
	total	5755	7.02	30	PASS
	Ant1	5795	2.98	30	PASS
	Ant2	5795	4.75	30	PASS
	total	5795	6.96	30	PASS

Test Graphs

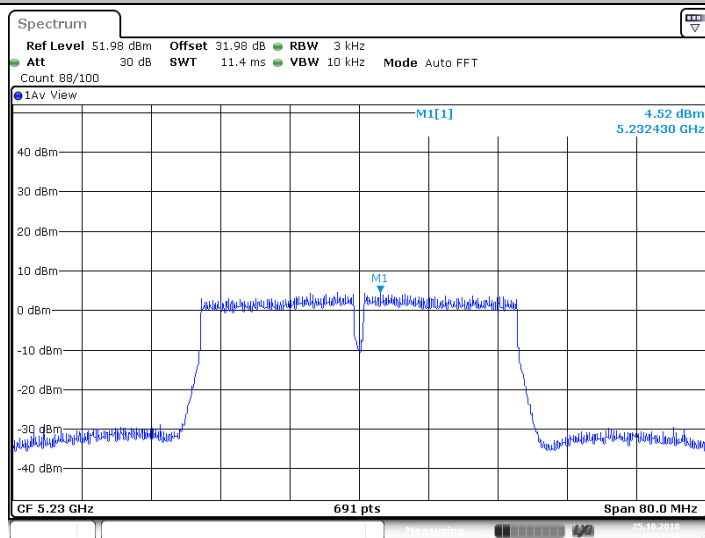


11AC40MIMO_Ant1_5230



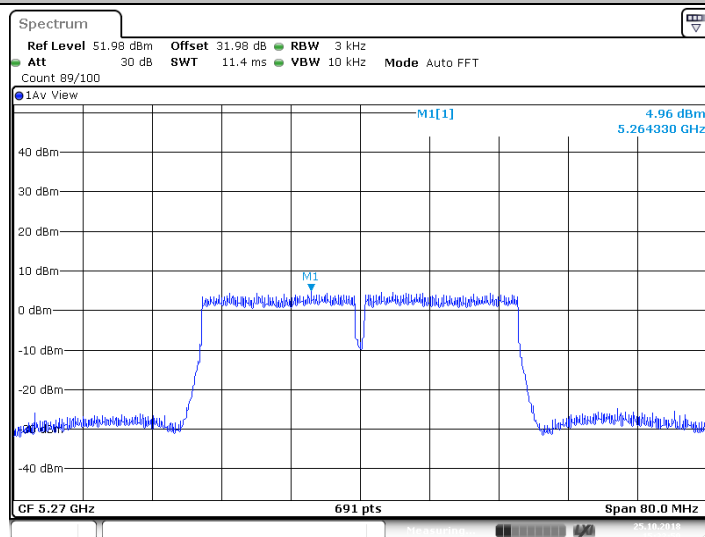
Date: 25.07.2018 15:30:48

11AC40MIMO_Ant2_5230

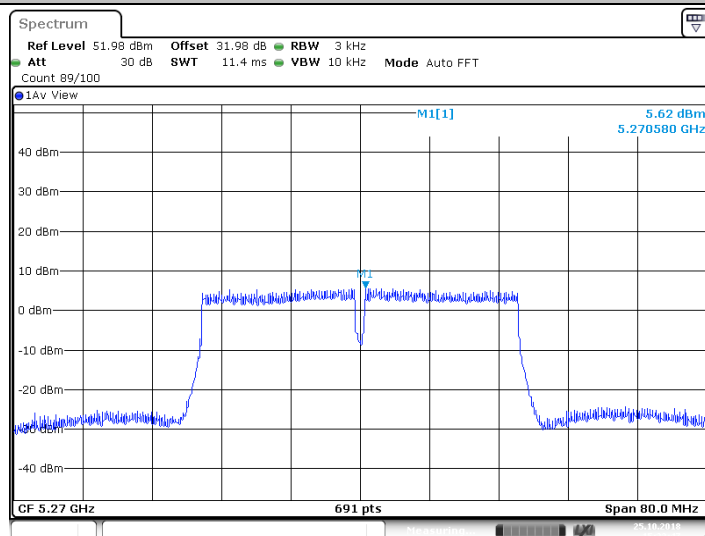


Date: 25.07.2018 15:31:37

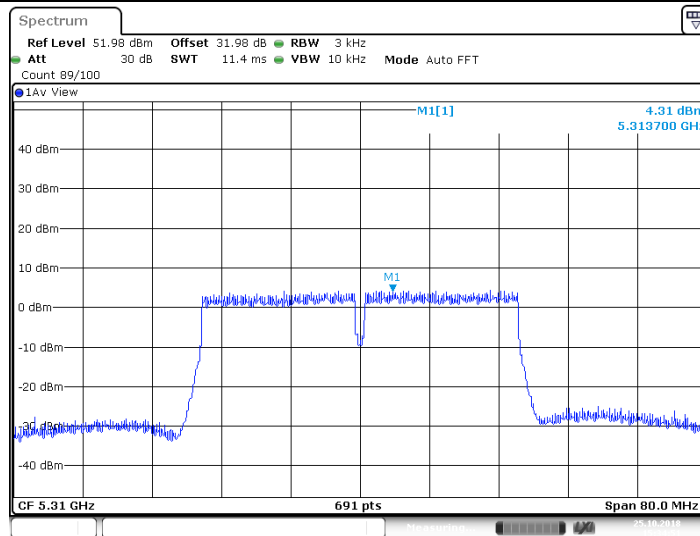
11AC40MIMO_Ant1_5270



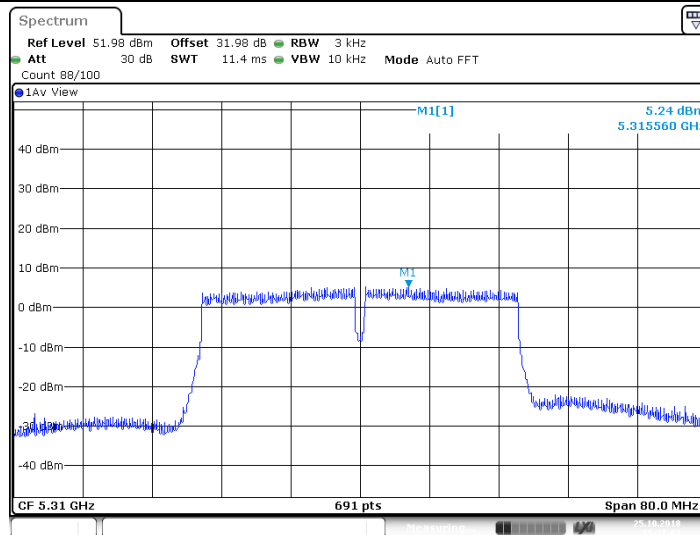
11AC40MIMO_Ant2_5270



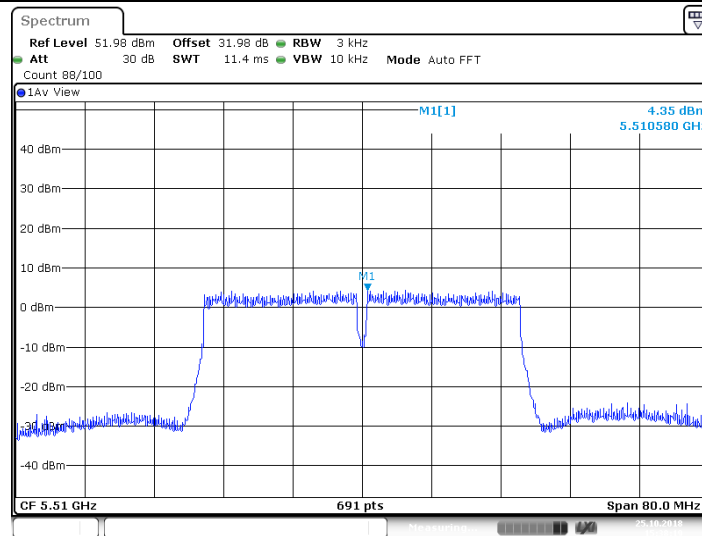
11AC40MIMO_Ant1_5310



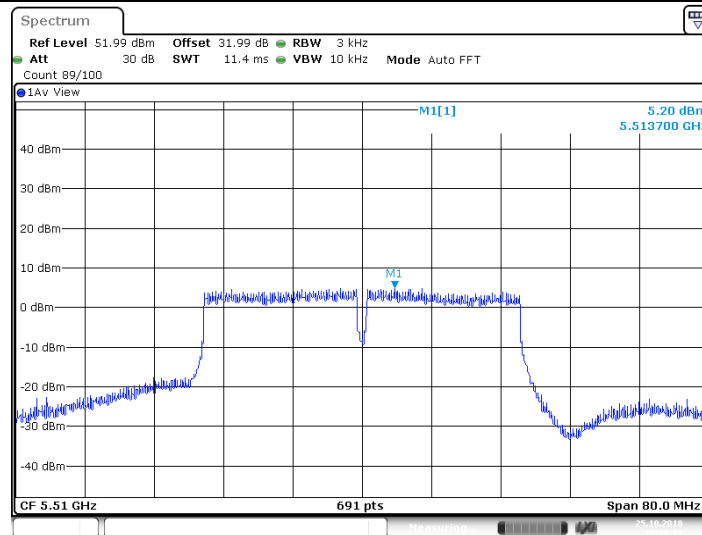
11AC40MIMO_Ant2_5310



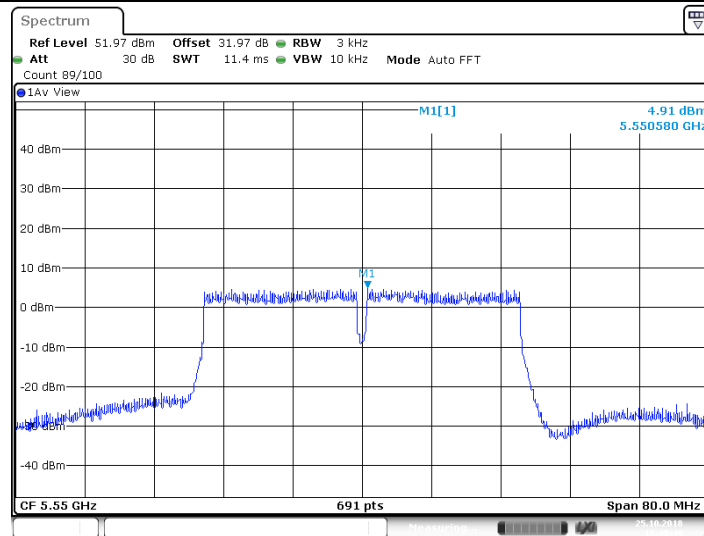
11AC40MIMO_Ant1_5510



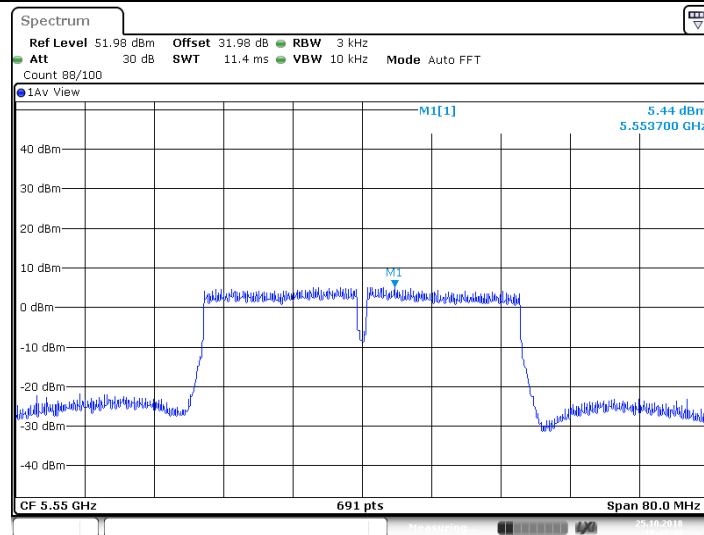
11AC40MIMO_Ant2_5510



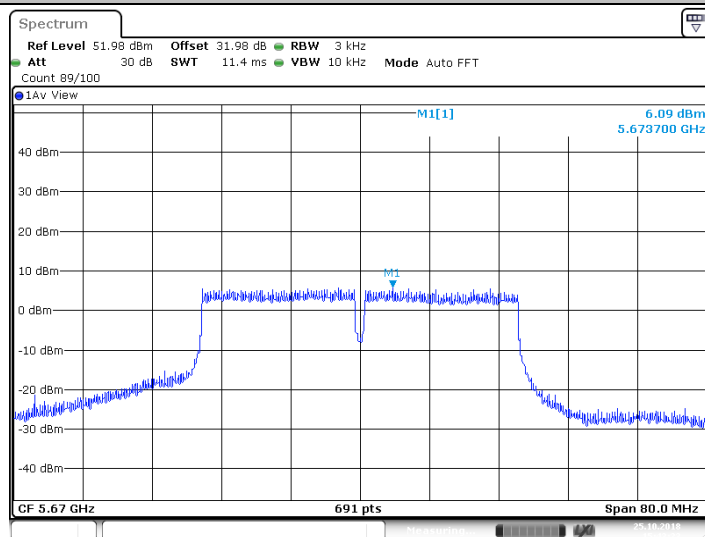
11AC40MIMO_Ant1_5550



11AC40MIMO_Ant2_5550

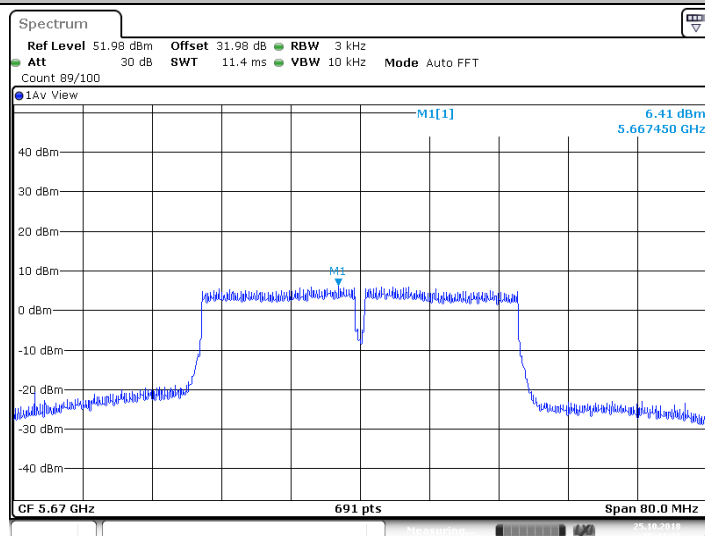


11AC40MIMO_Ant1_5670



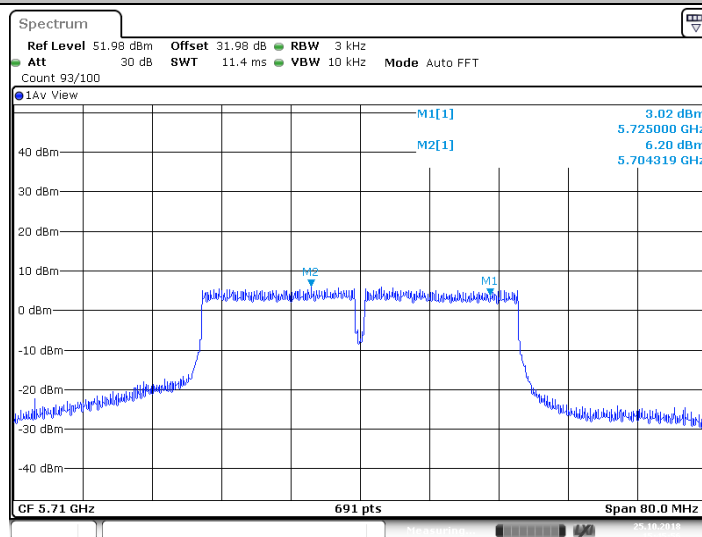
Date: 25.0 CT 2018 15:43:24

11AC40MIMO_Ant2_5670

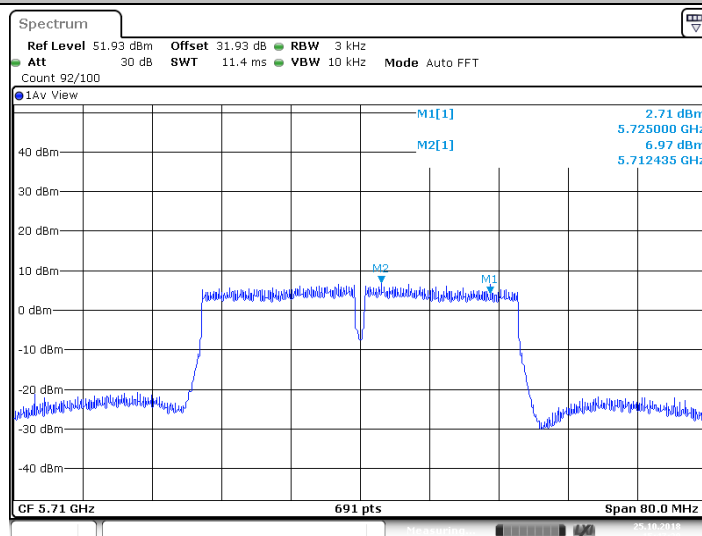


Date: 25.0 CT 2018 15:44:39

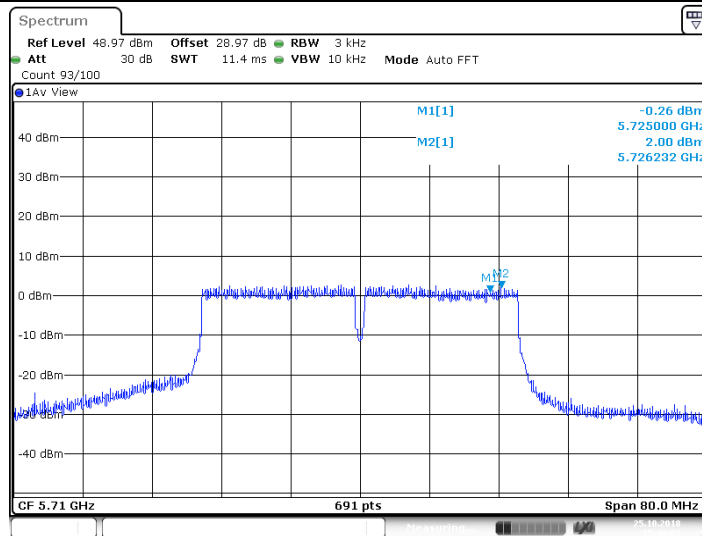
11AC40MIMO_Ant1_5710_UNII-2C



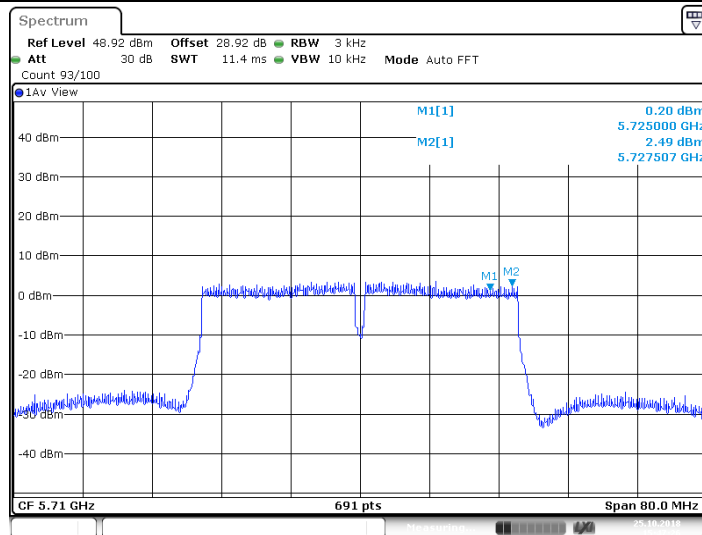
11AC40MIMO_Ant2_5710_UNII-2C



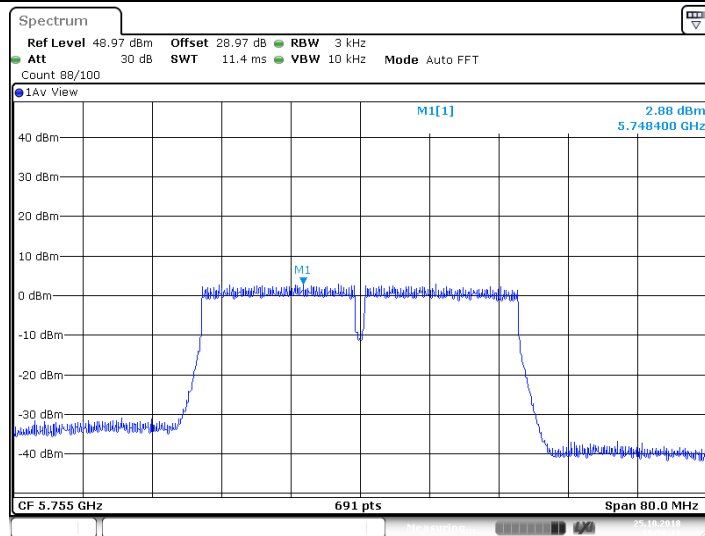
11AC40MIMO_Ant1_5710_UNII-3



11AC40MIMO_Ant2_5710_UNII-3

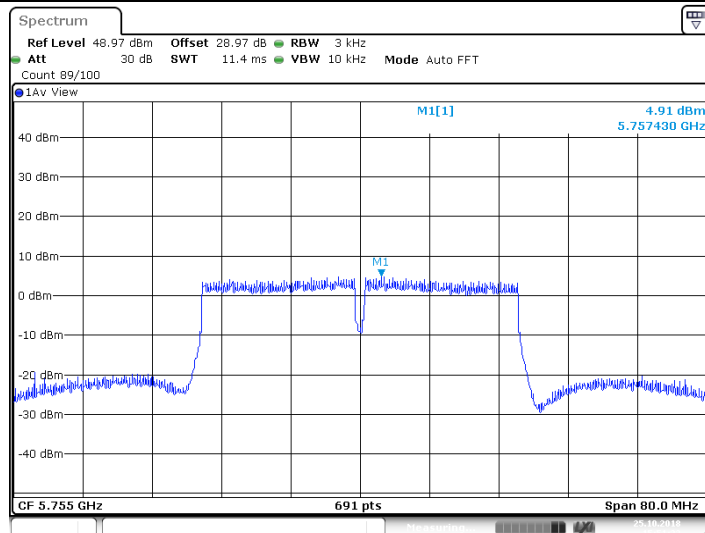


11AC40MIMO_Ant1_5755



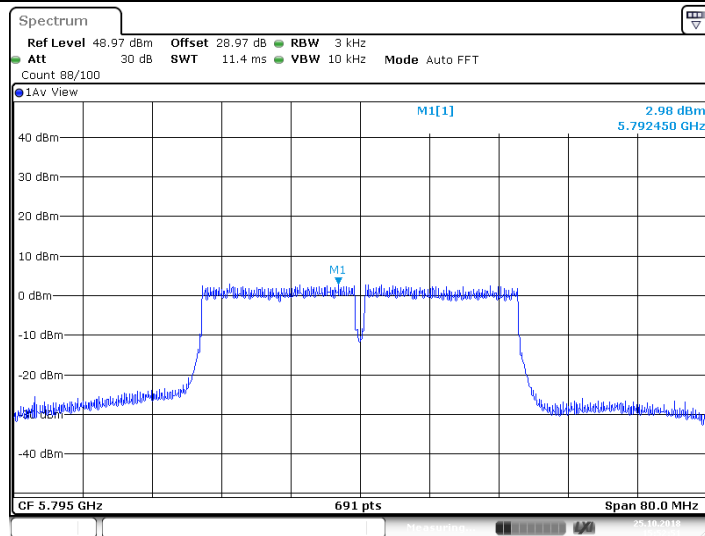
Date: 25.0 CT 2018 15:50:11

11AC40MIMO_Ant2_5755



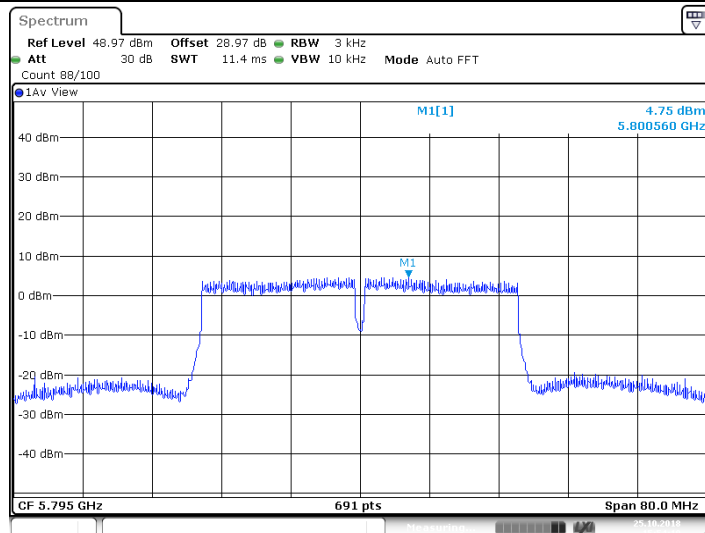
Date: 25.0 CT 2018 15:51:33

11AC40MIMO_Ant1_5795



Date: 25.0 CT 2018 15:52:51

11AC40MIMO_Ant2_5795



Date: 25.0 CT 2018 15:54:19

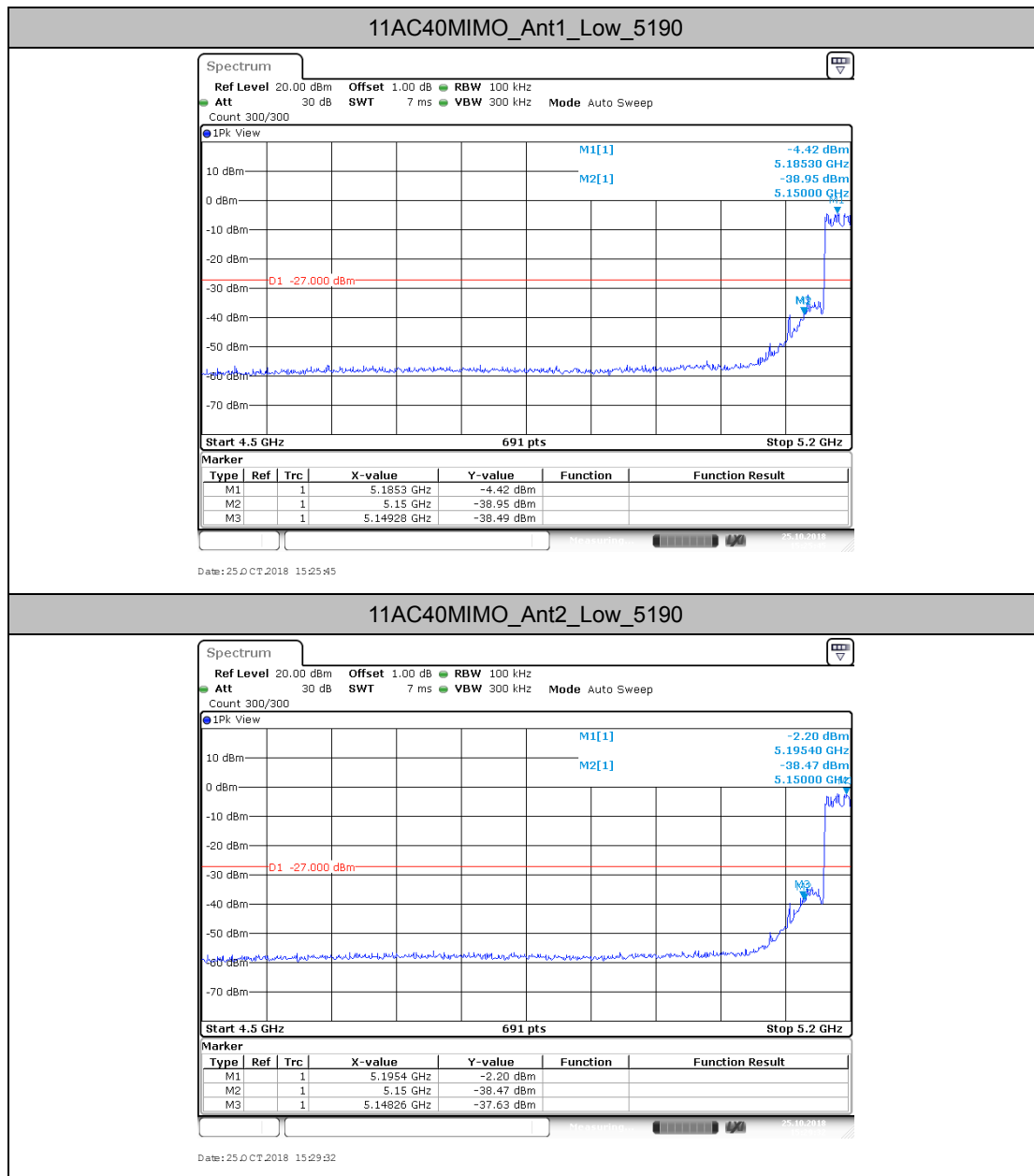
Appendix E6: Band edge measurements

Test Result

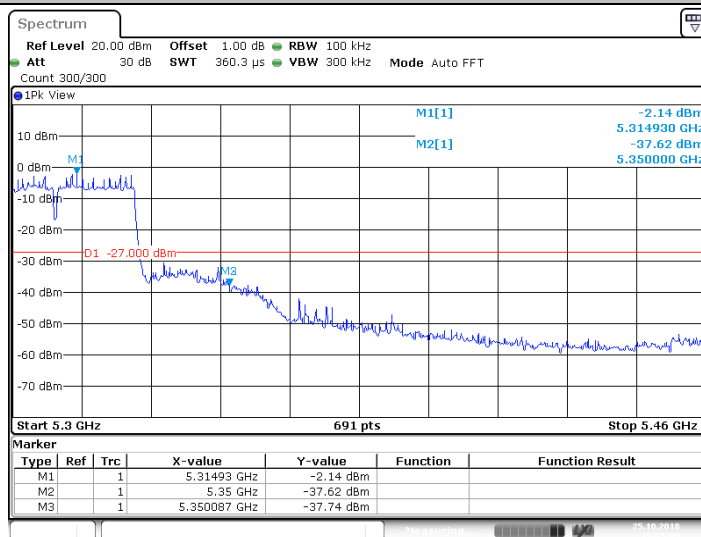
TestMode	Antenna	ChName	Channel	Result	Limit	Verdict
11AC40MIMO	Ant1	Low	5190	-38.49	-27	PASS
	Ant2	Low	5190	-37.63	-27	PASS
	Ant1	High	5310	-37.74	-27	PASS
	Ant2	High	5310	-34.41	-27	PASS
	Ant1	Low	5510	-37.02	-27	PASS
	Ant2	Low	5510	-32.56	-27	PASS
	Ant1	High	5670	-41.83	-27	PASS
	Ant2	High	5670	-43.27	-27	PASS
	Ant1	Low	5710	-56.3	-27	PASS
	Ant2	Low	5710	-55.51	-27	PASS
	Ant1	High	5710	-55.82	-27	PASS
	Ant2	High	5710	-55.93	-27	PASS

TestMode	Antenna	ChName	Channel	FreqRange	Result	Limit	Verdict
11AC40 MIMO	Ant1	Low	5755	5650~5700	-41.79	8.97	PASS
		Low	5755	5700~5720	-32.77	14.87	PASS
		Low	5755	5720~5725	-34.29	23.93	PASS
		Low	5755	5780~5650	-54.67	-27	PASS
	Ant2	Low	5755	5650~5700	-39.82	-6.67	PASS
		Low	5755	5700~5720	-21.07	14.87	PASS
		Low	5755	5720~5725	-23.46	21.25	PASS
		Low	5755	5780~5650	-47.37	-27	PASS
	Ant1	High	5795	5850~5855	-43.96	26.75	PASS
		High	5795	5855~5875	-45.79	14.86	PASS
		High	5795	5875~5925	-49.45	-22.41	PASS
		High	5795	5925~5935	-56.93	-27	PASS
	Ant2	High	5795	5850~5855	-45.12	22.39	PASS
		High	5795	5855~5875	-44.8	11.11	PASS
		High	5795	5875~5925	-46.48	-17.81	PASS
		High	5795	5925~5935	-55.59	-27	PASS

Test Graphs

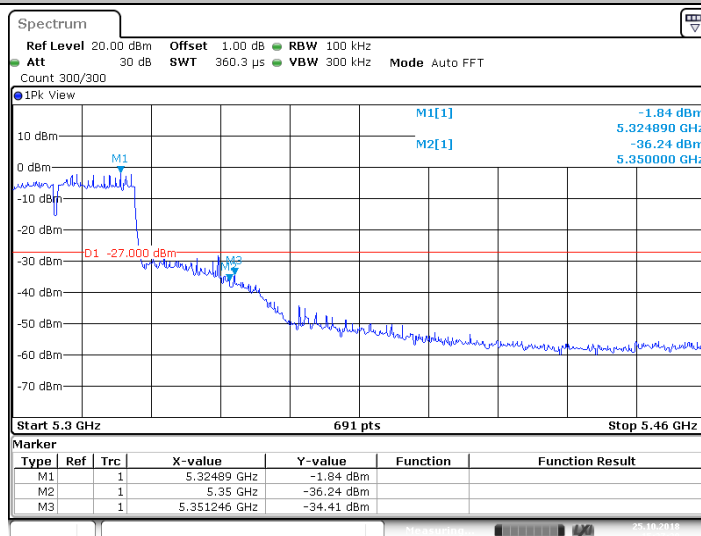


11AC40MIMO_Ant1_High_5310



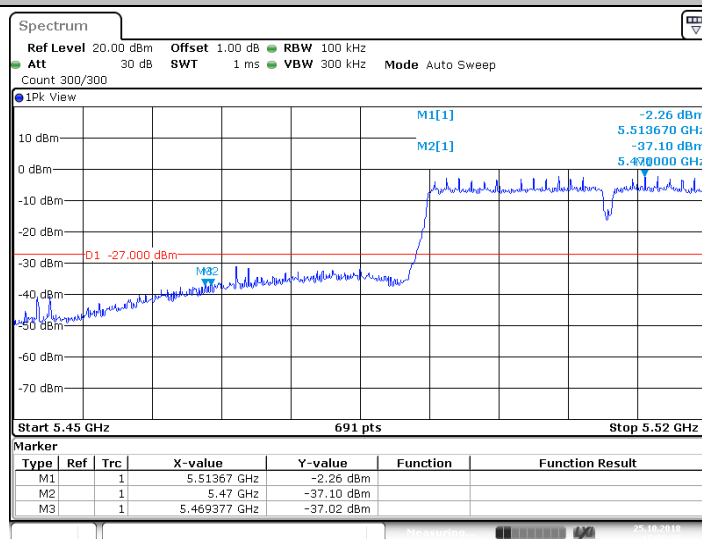
Date: 25.0 CT 2018 15:35:05

11AC40MIMO_Ant2_High_5310



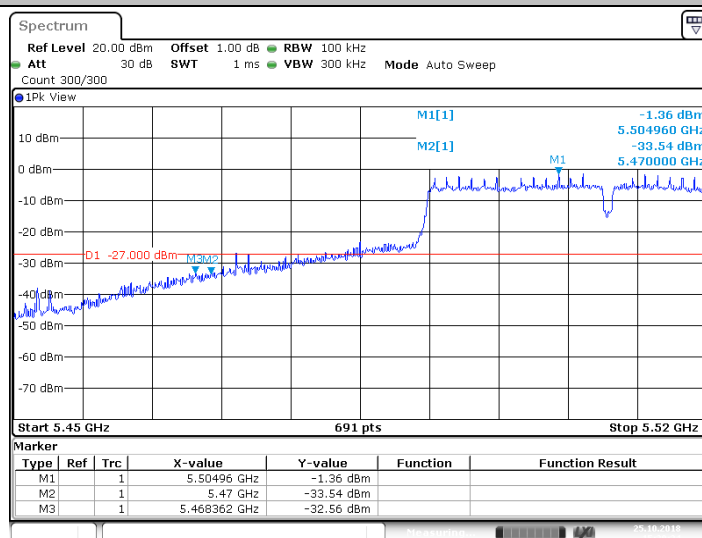
Date: 25.0 CT 2018 15:37:21

11AC40MIMO_Ant1_Low_5510



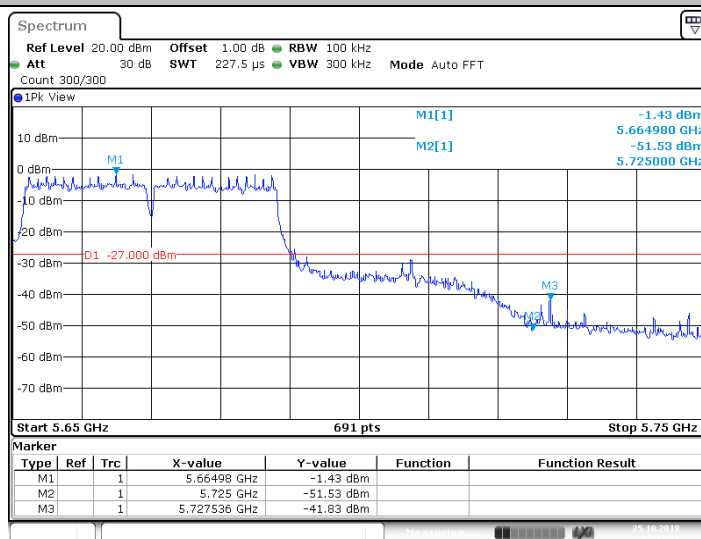
Date: 25.10.2018 15:38:33

11AC40MIMO_Ant2_Low_5510

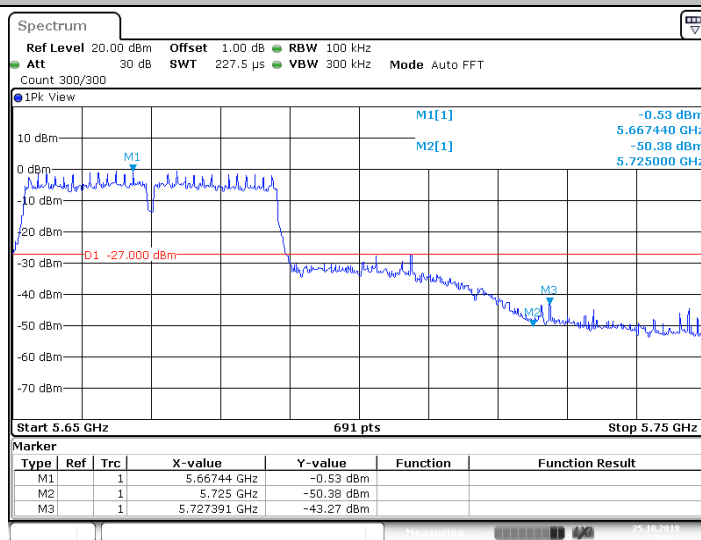


Date: 25.10.2018 15:39:35

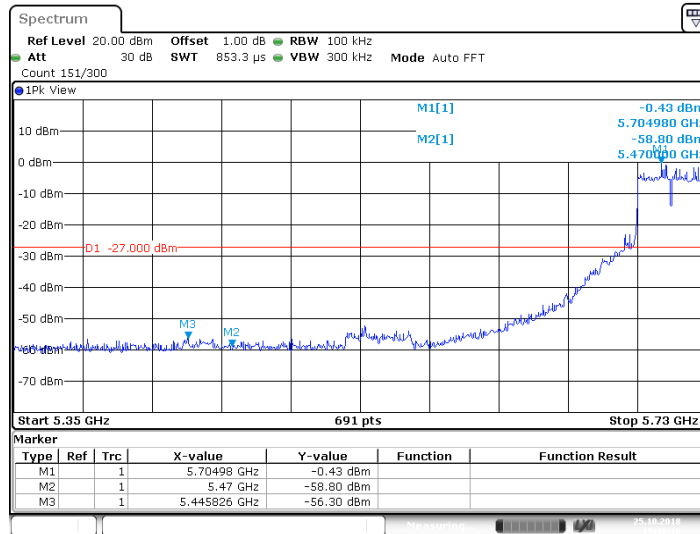
11AC40MIMO_Ant1_High_5670



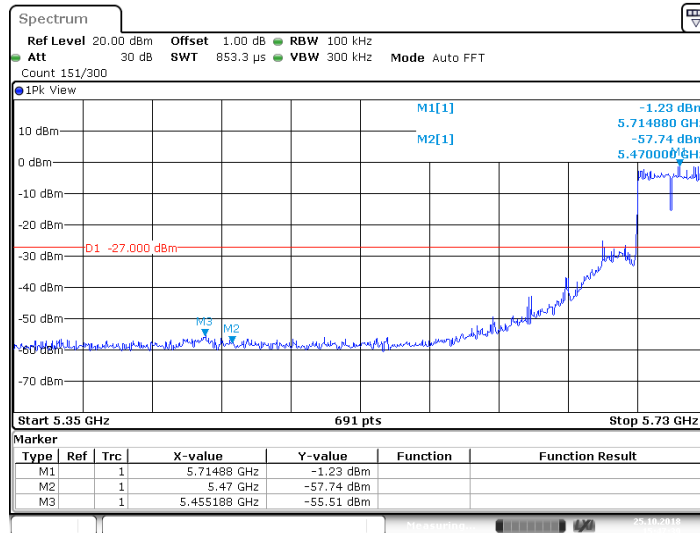
11AC40MIMO_Ant2_High_5670



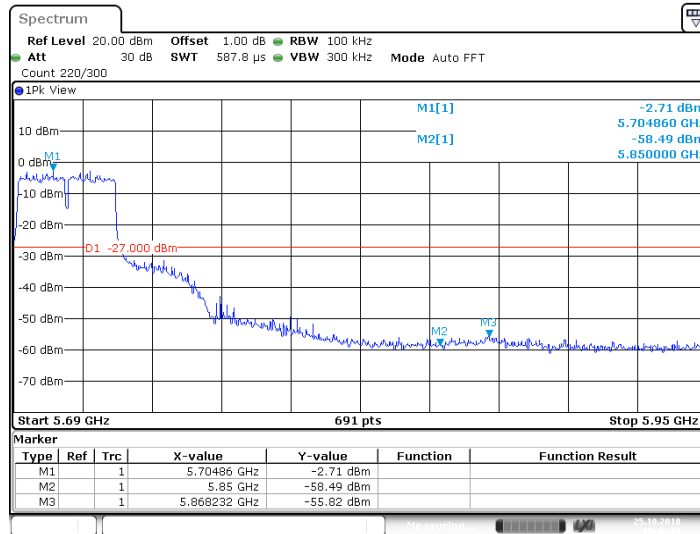
11AC40MIMO_Ant1_Low_5710



11AC40MIMO_Ant2_Low_5710

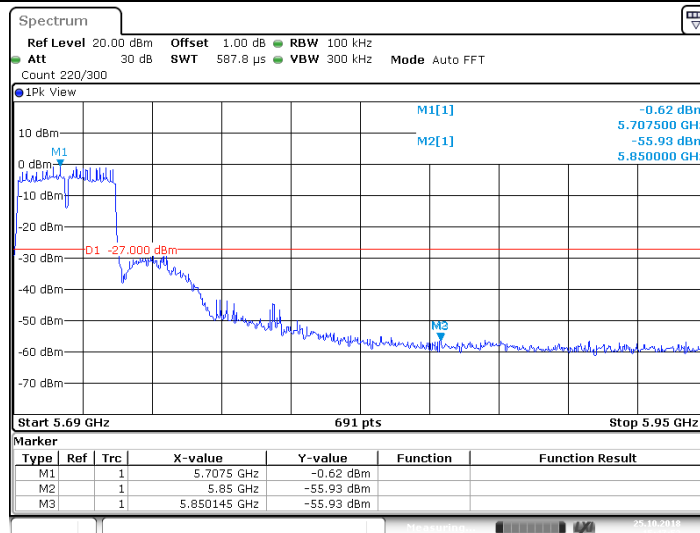


11AC40MIMO_Ant1_High_5710



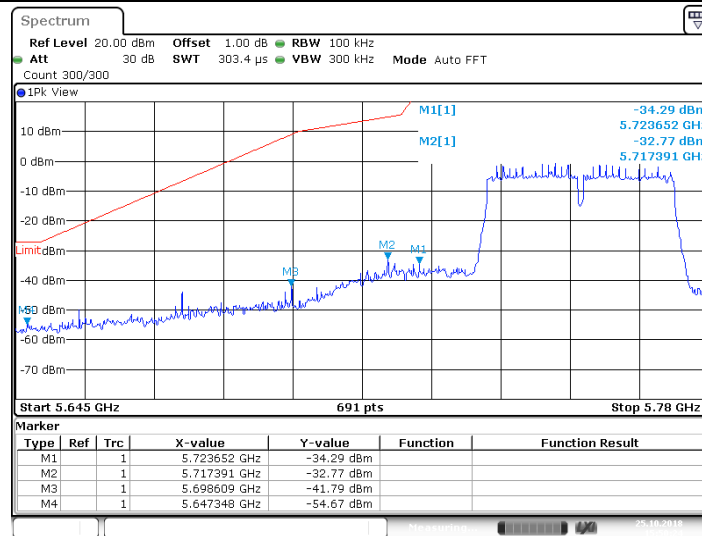
Date: 25.10.2018 15:46:30

11AC40MIMO_Ant2_High_5710



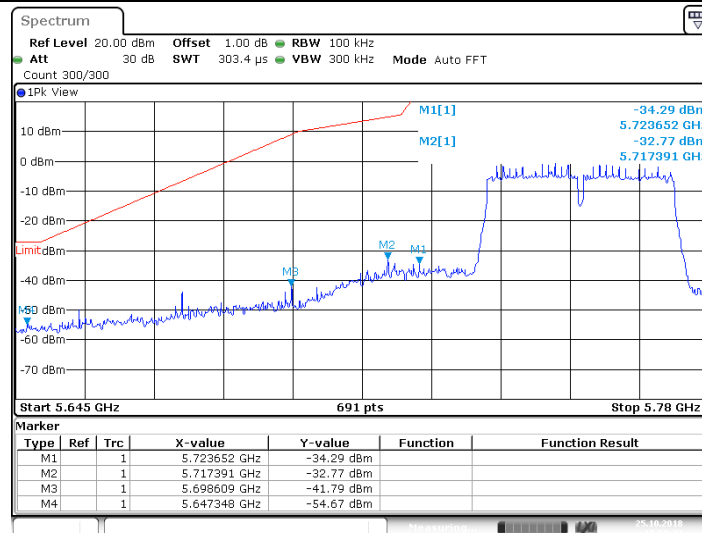
Date: 25.10.2018 15:47:53

11AC40MIMO_Ant1_Low_5755



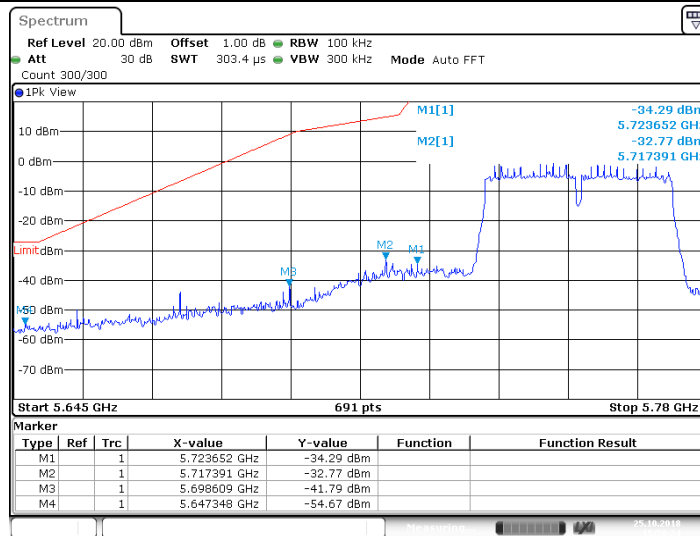
Date: 25.10.2018 15:50:25

11AC40MIMO_Ant1_Low_5755



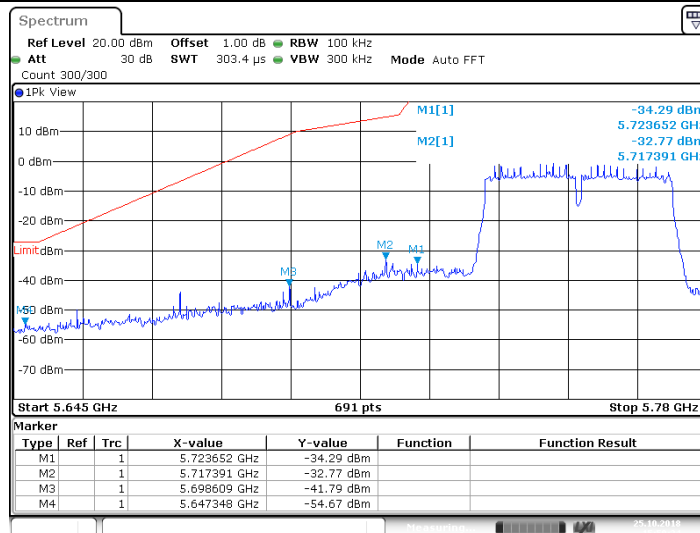
Date: 25.10.2018 15:50:25

11AC40MIMO_Ant1_Low_5755



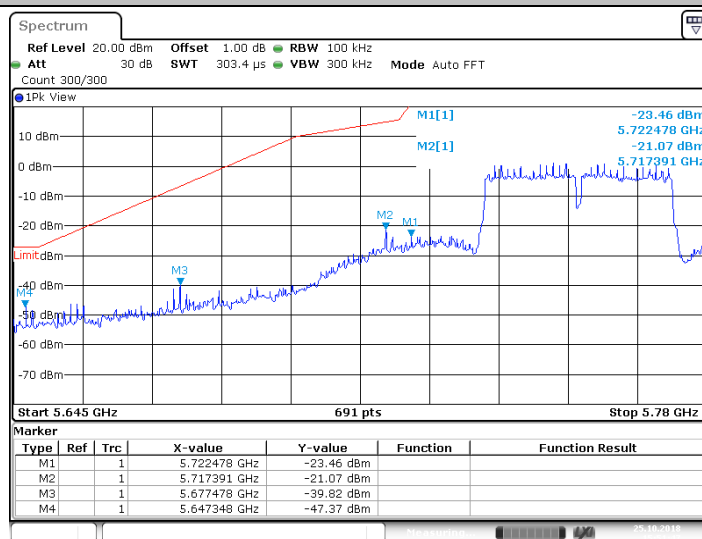
Date: 25.10.2018 15:50:25

11AC40MIMO_Ant1_Low_5755



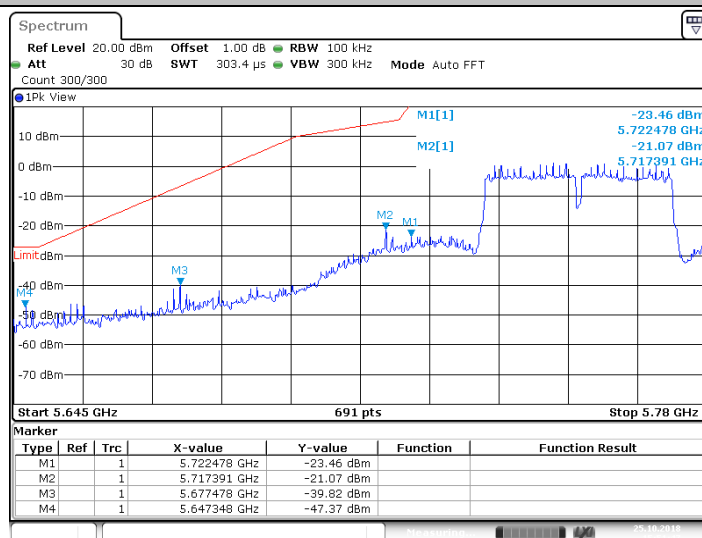
Date: 25.10.2018 15:50:25

11AC40MIMO_Ant2_Low_5755



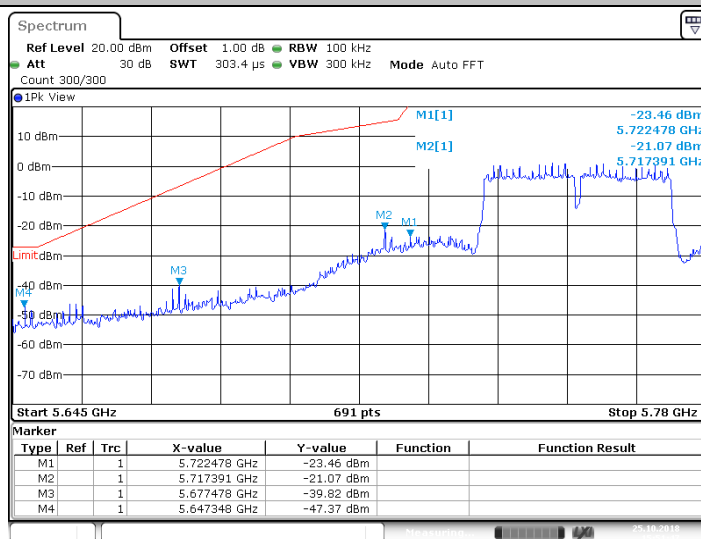
Date: 25.0 CT 2018 15:51:47

11AC40MIMO_Ant2_Low_5755



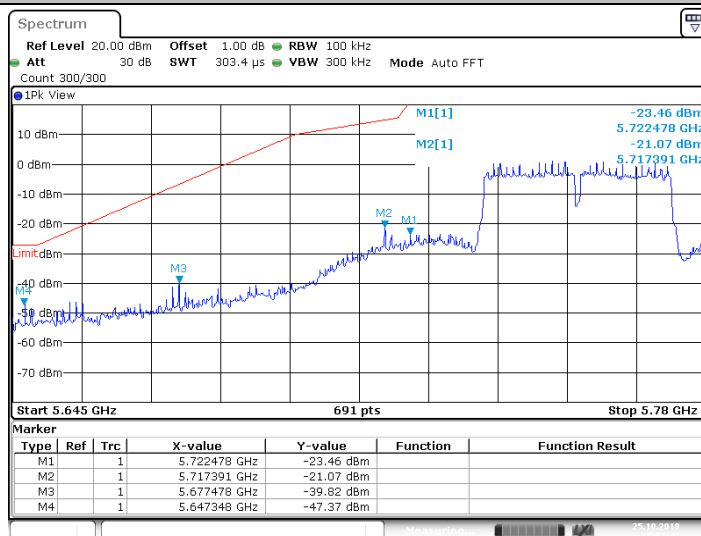
Date: 25.0 CT 2018 15:51:47

11AC40MIMO_Ant2_Low_5755



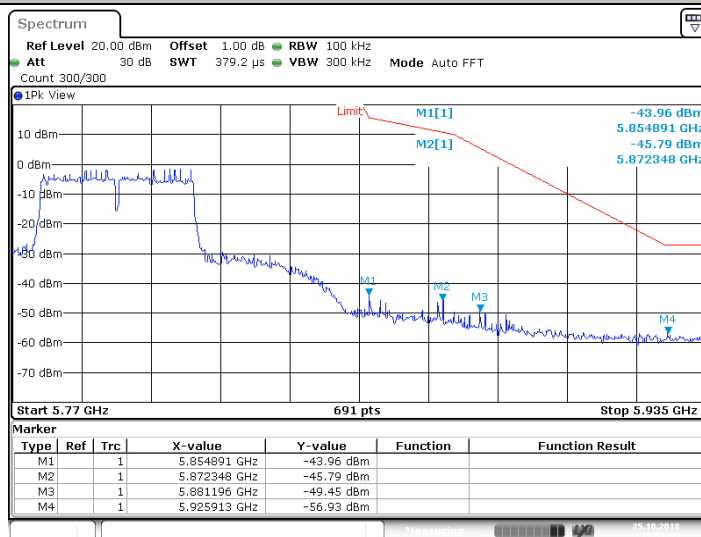
Date: 25.10.2018 15:51:47

11AC40MIMO_Ant2_Low_5755

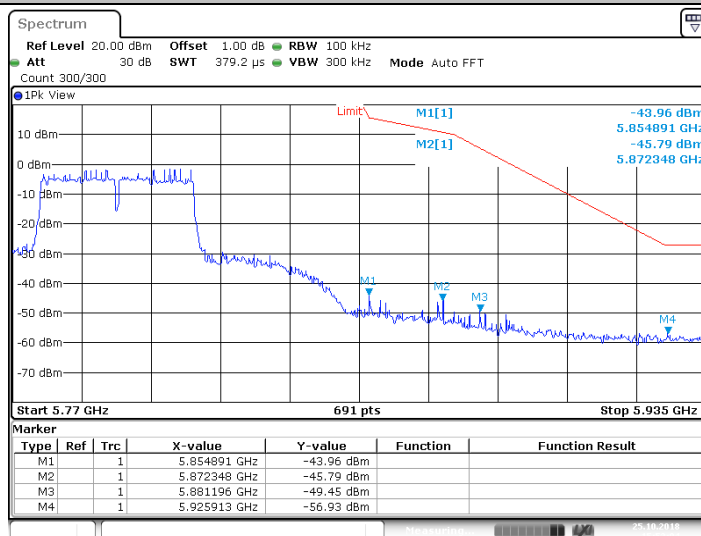


Date: 25.10.2018 15:51:47

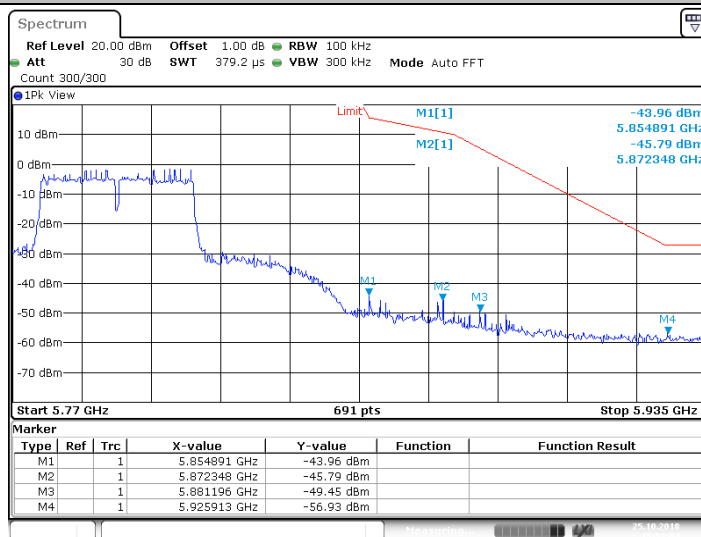
11AC40MIMO_Ant1_High_5795



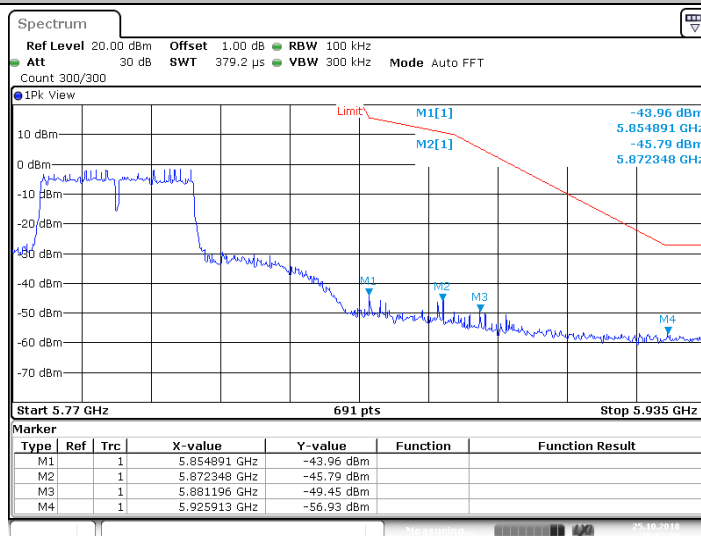
11AC40MIMO_Ant1_High_5795



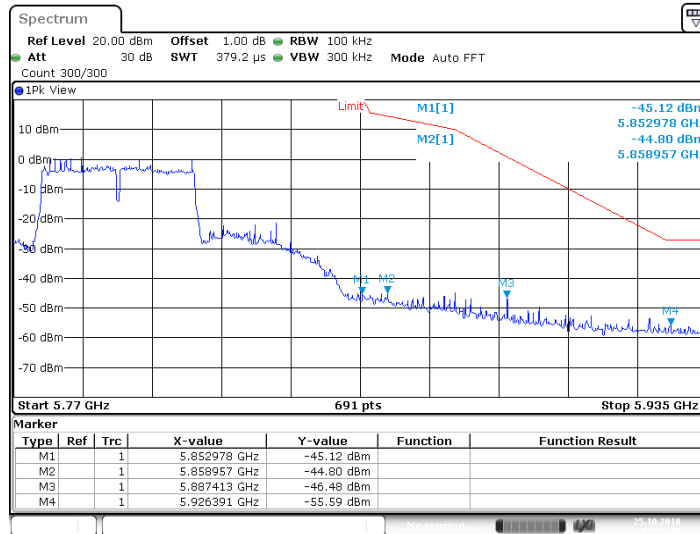
11AC40MIMO_Ant1_High_5795



11AC40MIMO_Ant1_High_5795

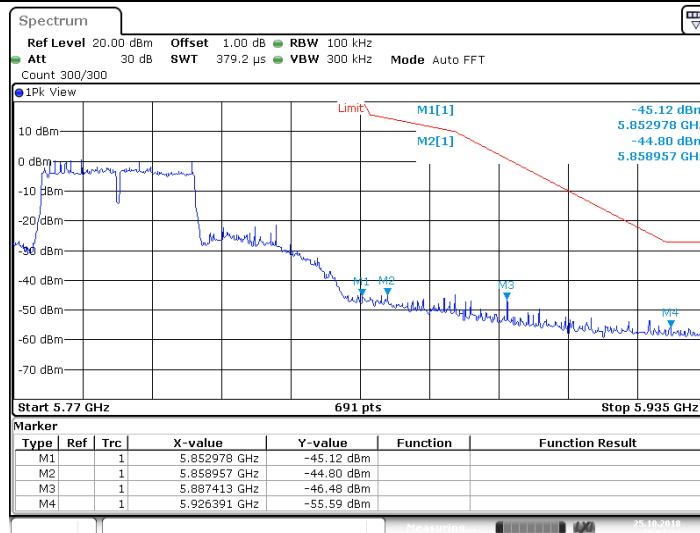


11AC40MIMO_Ant2_High_5795



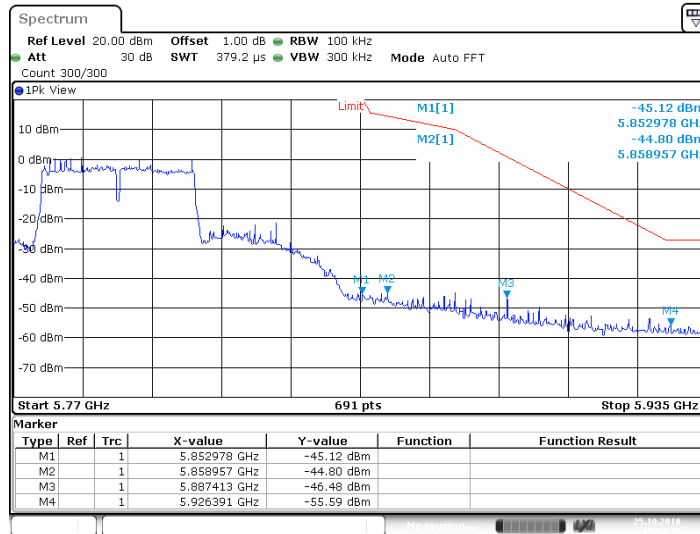
Date: 25.10.2018 15:54:33

11AC40MIMO_Ant2_High_5795



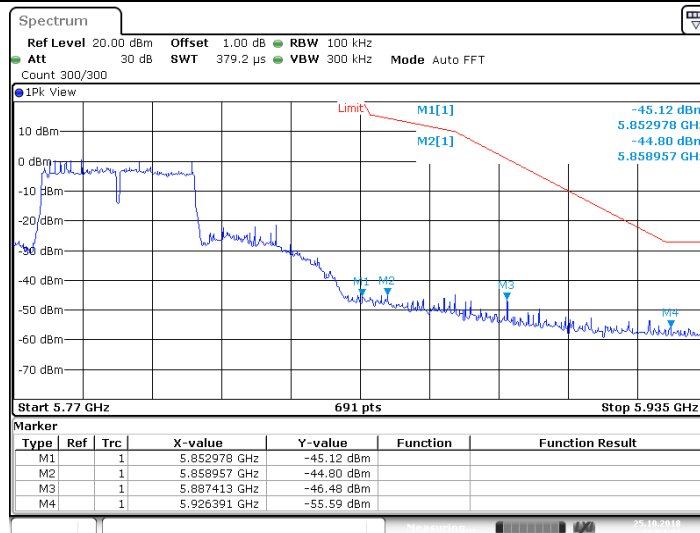
Date: 25.10.2018 15:54:33

11AC40MIMO_Ant2_High_5795



Date: 25.10.2018 15:54:33

11AC40MIMO_Ant2_High_5795



Date: 25.10.2018 15:54:33

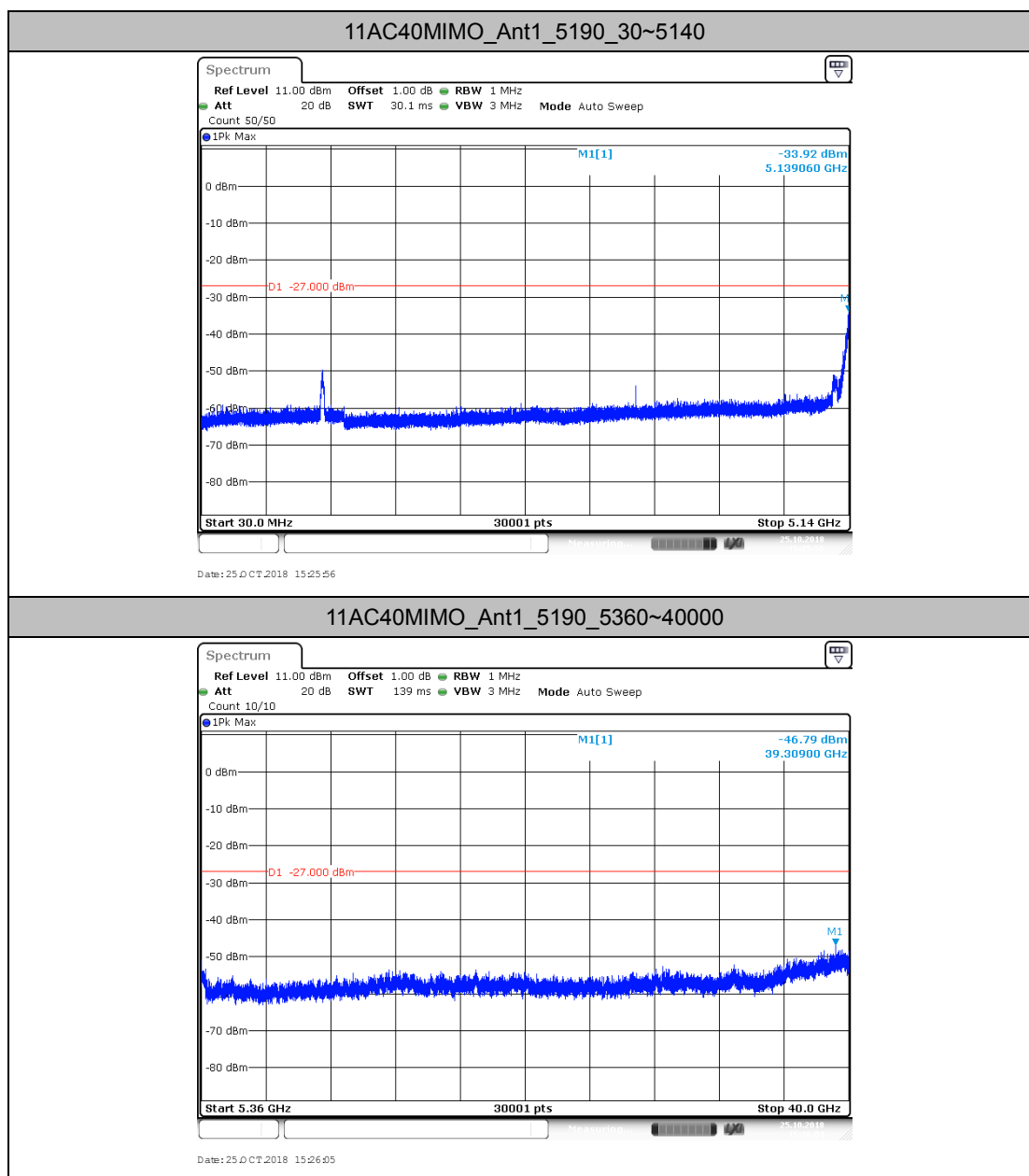
Appendix E7: Conducted Spurious Emission

Test Result

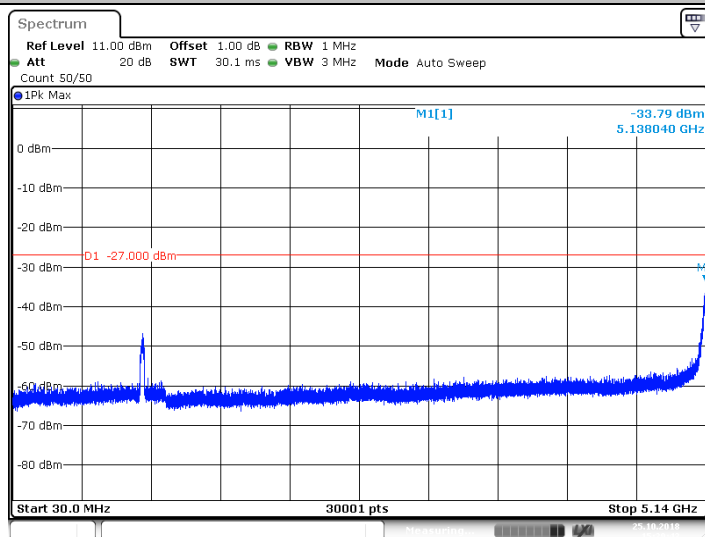
TestMode	Antenna	Channel	FreqRange	Max. Fre	Max. Level	Limit	Verdict
11AC40MIMO	Ant1	5190	30~5140	5139.06	-33.92	-27	PASS
		5190	5360~40000	39309.00	-46.79	-27	PASS
	Ant2	5190	30~5140	5138.04	-33.79	-27	PASS
		5190	5360~40000	39318.20	-48.67	-27	PASS
	Ant1	5230	30~5140	5137.02	-48.06	-27	PASS
		5230	5360~40000	39653.00	-48.67	-27	PASS
	Ant2	5230	30~5140	1018.16	-47.63	-27	PASS
		5230	5360~40000	39989.00	-47.79	-27	PASS
	Ant1	5270	30~5140	5127.31	-48.26	-27	PASS
		5270	5360~40000	5361.70	-44.87	-27	PASS
	Ant2	5270	30~5140	1064.66	-46.38	-27	PASS
		5270	5360~40000	5360.60	-46.99	-27	PASS
	Ant1	5310	30~5140	1105.36	-49.52	-27	PASS
		5310	5360~40000	5360.60	-36.48	-27	PASS
	Ant2	5310	30~5140	1105.19	-49.96	-27	PASS
		5310	5360~40000	5361.70	-38.08	-27	PASS
	Ant1	5510	30~5460	5459.91	-35.99	-27	PASS
		5510	5735~40000	39733.30	-46.61	-27	PASS
	Ant2	5510	30~5460	5458.82	-28.64	-27	PASS
		5510	5735~40000	39520.90	-48.04	-27	PASS
	Ant1	5550	30~5460	5459.55	-46.84	-27	PASS
		5550	5735~40000	39322.10	-48.29	-27	PASS
	Ant2	5550	30~5460	5458.46	-43.35	-27	PASS
		5550	5735~40000	39704.80	-48.04	-27	PASS
	Ant1	5670	30~5460	5451.40	-52.64	-27	PASS
		5670	5735~40000	5735.60	-42.5	-27	PASS
	Ant2	5670	30~5460	5459.00	-52.29	-27	PASS
		5670	5735~40000	5736.70	-41.46	-27	PASS
	Ant1	5710	30~5460	5434.57	-53.33	-27	PASS
		5710	5925~40000	39432.70	-47.88	-27	PASS
	Ant2	5710	30~5460	5456.11	-50.58	-27	PASS
		5710	5925~40000	39140.80	-48.22	-27	PASS
	Ant1	5755	30~5650	5648.03	-46.01	-27	PASS
		5755	5925~40000	39498.50	-48.09	-27	PASS
	Ant2	5755	30~5650	5649.16	-41.82	-27	PASS
		5755	5925~40000	39471.30	-48.41	-27	PASS
	Ant1	5795	30~5650	5649.53	-46.23	-27	PASS
		5795	5925~40000	39456.50	-47.5	-27	PASS

	Ant2	5795	30~5650	5641.66	-48.17	-27	PASS
		5795	5925~40000	39653.00	-47.24	-27	PASS

Test Graphs

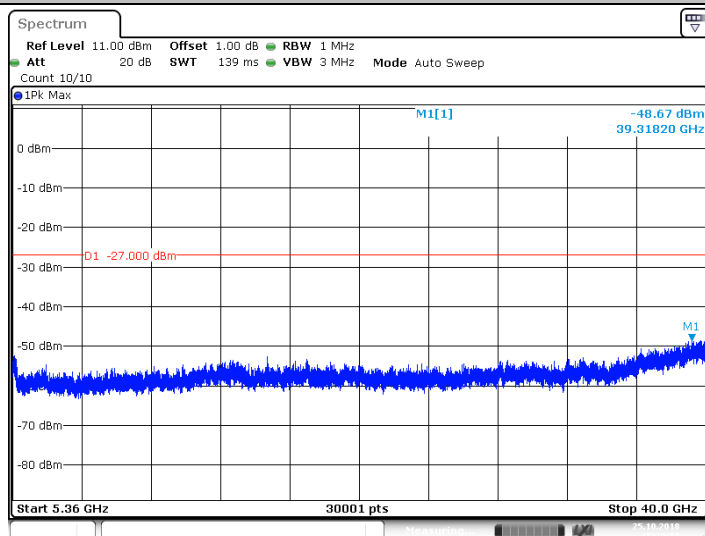


11AC40MIMO_Ant2_5190_30~5140



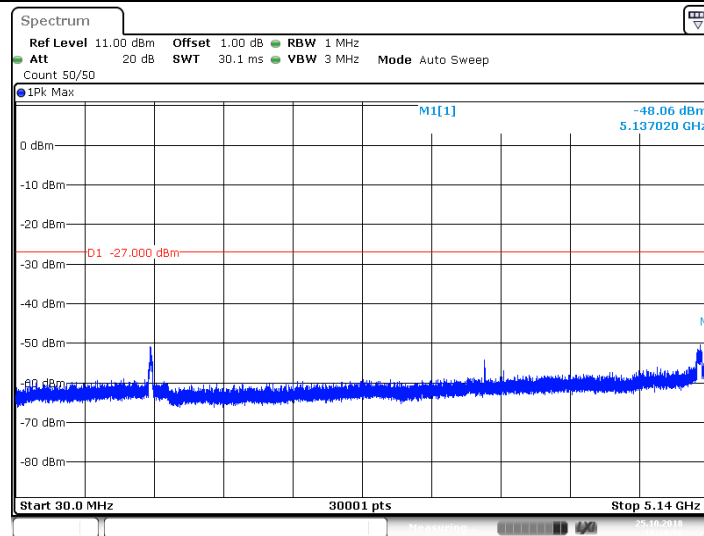
Date: 25.0 CT 2018 15:29:43

11AC40MIMO_Ant2_5190_5360~40000

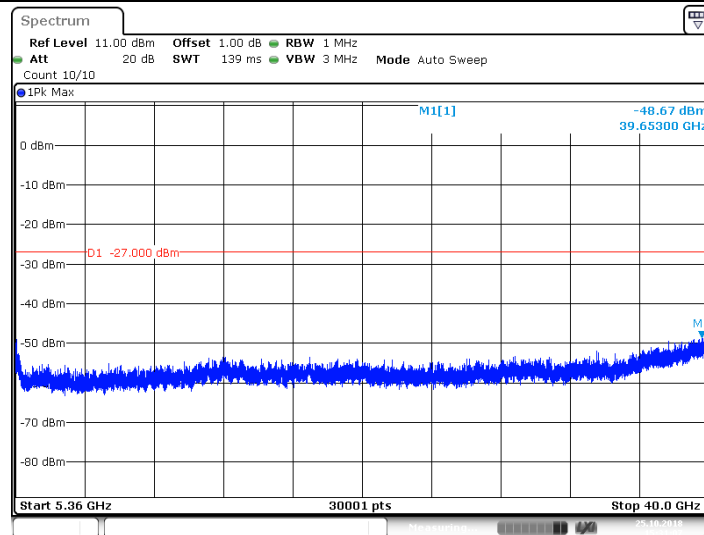


Date: 25.0 CT 2018 15:29:52

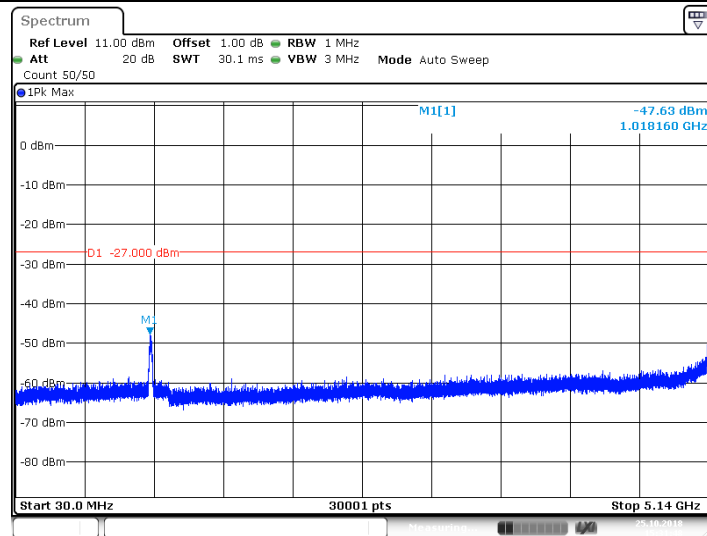
11AC40MIMO_Ant1_5230_30~5140



11AC40MIMO_Ant1_5230_5360~40000

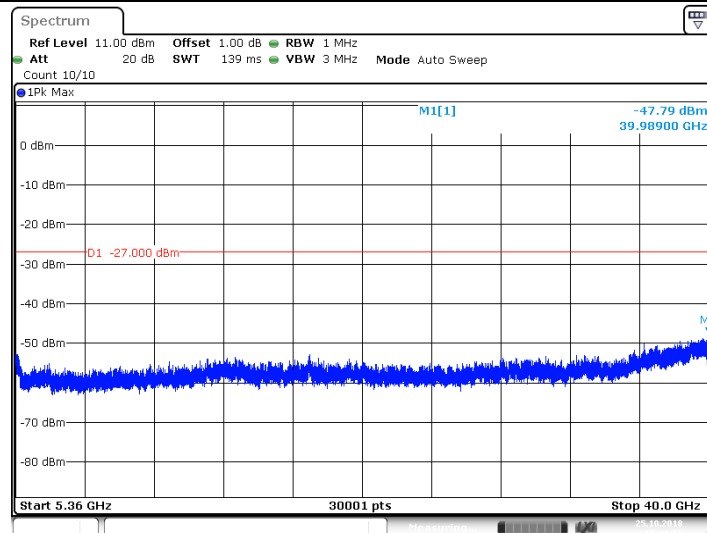


11AC40MIMO_Ant2_5230_30~5140



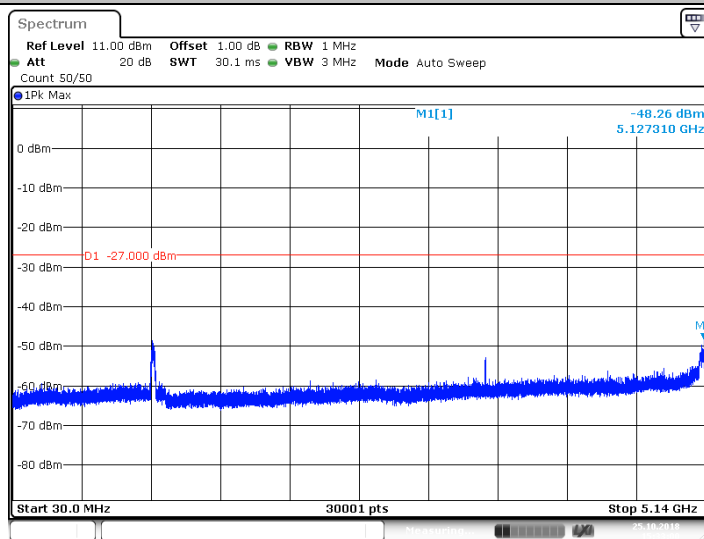
Date: 25.10.2018 15:31:48

11AC40MIMO_Ant2_5230_5360~40000

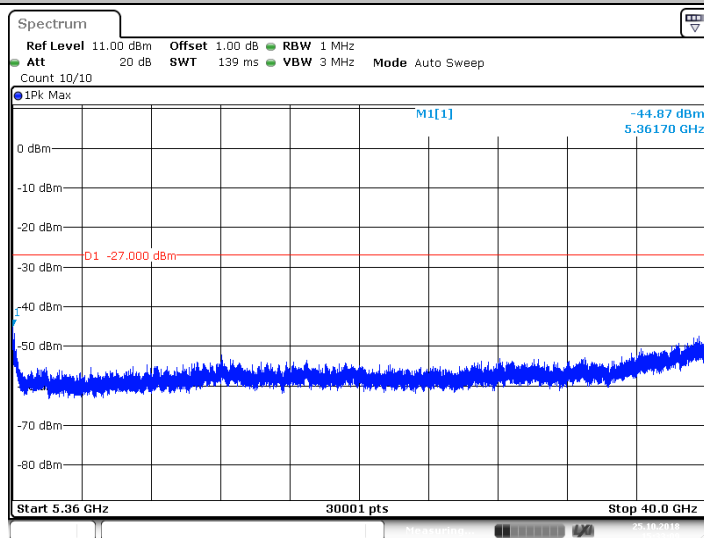


Date: 25.10.2018 15:31:56

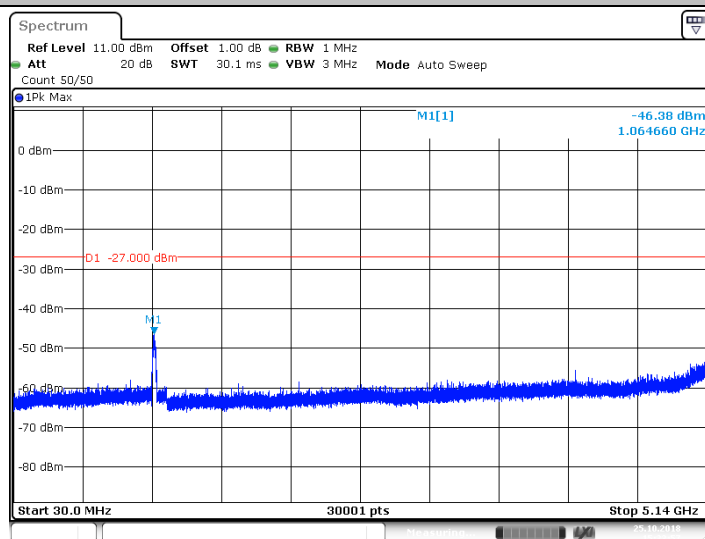
11AC40MIMO_Ant1_5270_30~5140



11AC40MIMO_Ant1_5270_5360~40000

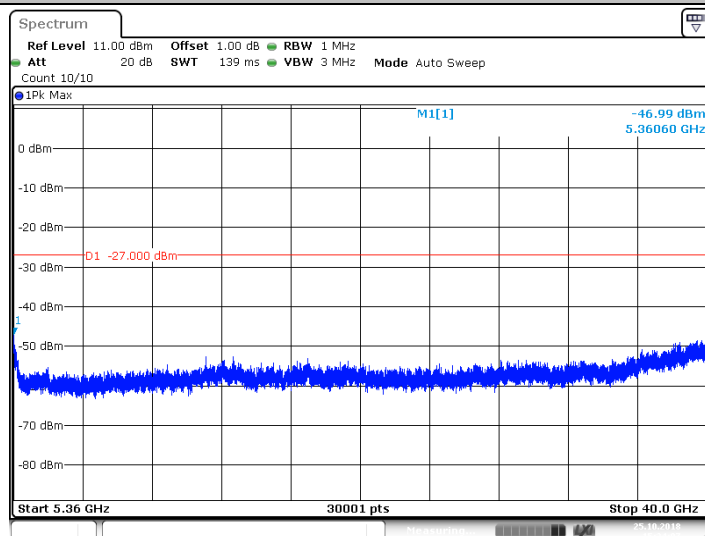


11AC40MIMO_Ant2_5270_30~5140



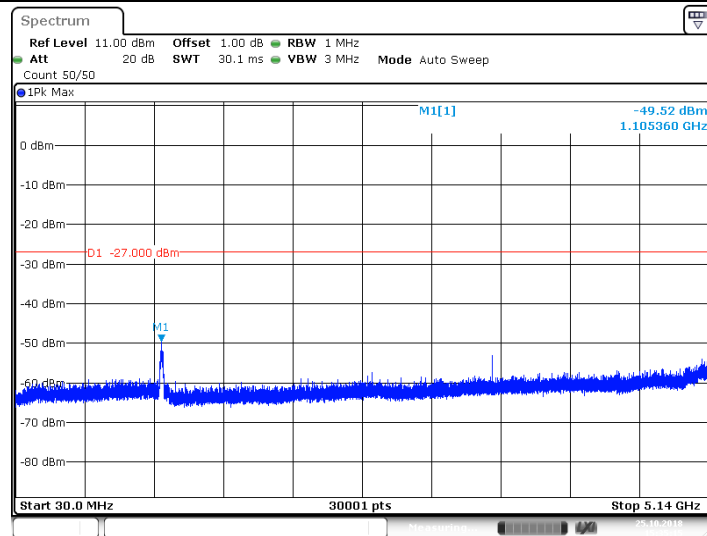
Date: 25.0 CT 2018 15:33:58

11AC40MIMO_Ant2_5270_5360~40000

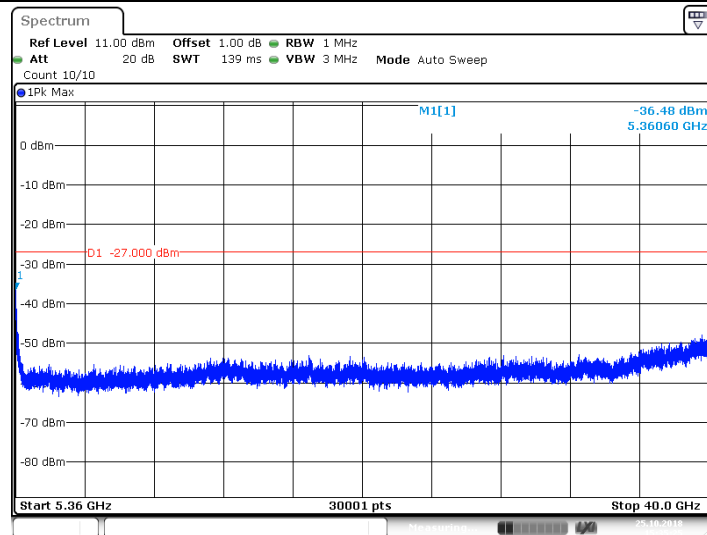


Date: 25.0 CT 2018 15:34:07

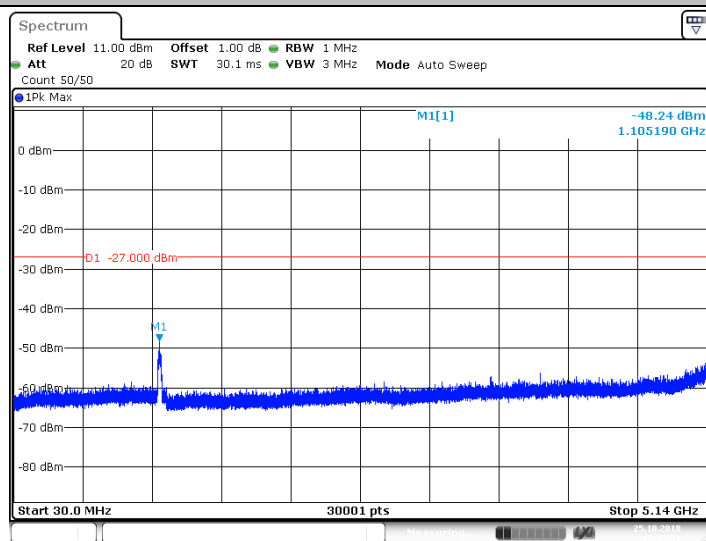
11AC40MIMO_Ant1_5310_30~5140



11AC40MIMO_Ant1_5310_5360~40000

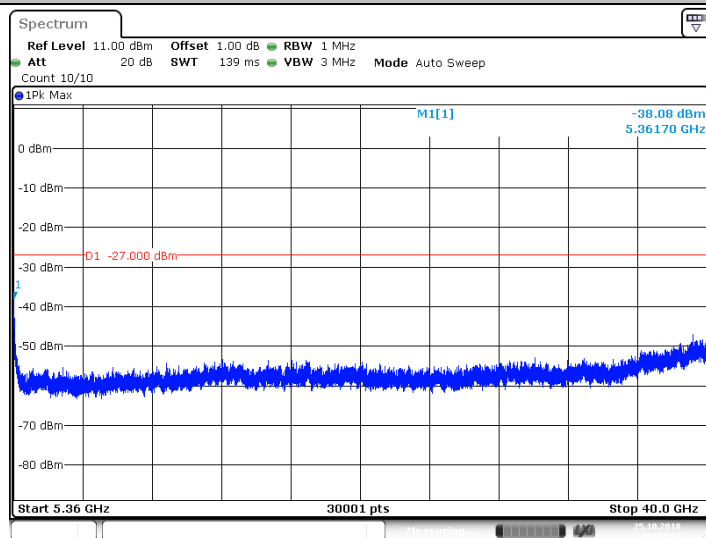


11AC40MIMO_Ant2_5310_30~5140



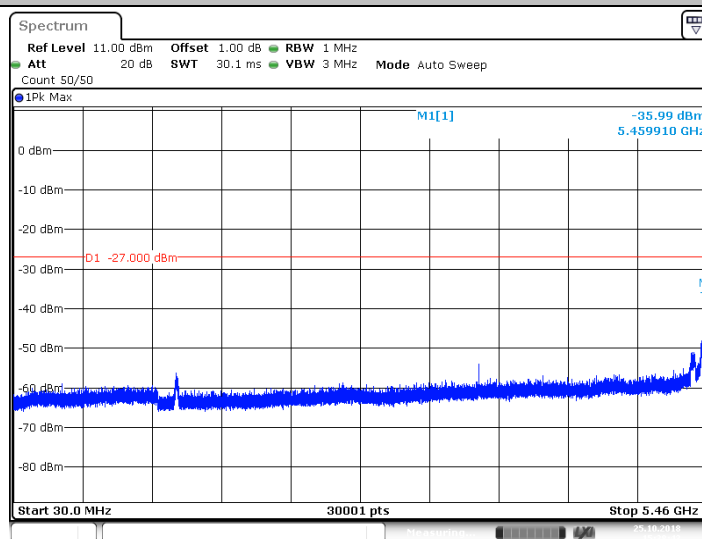
Date: 25.10.2018 15:37:32

11AC40MIMO_Ant2_5310_5360~40000



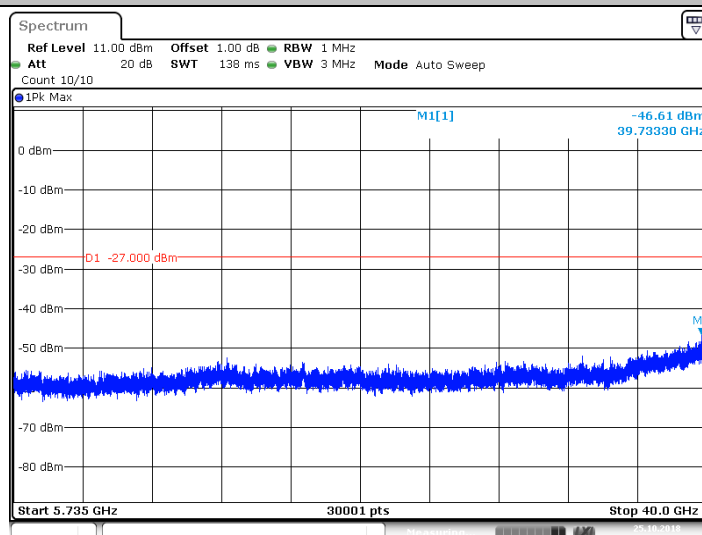
Date: 25.10.2018 15:37:41

11AC40MIMO_Ant1_5510_30~5460



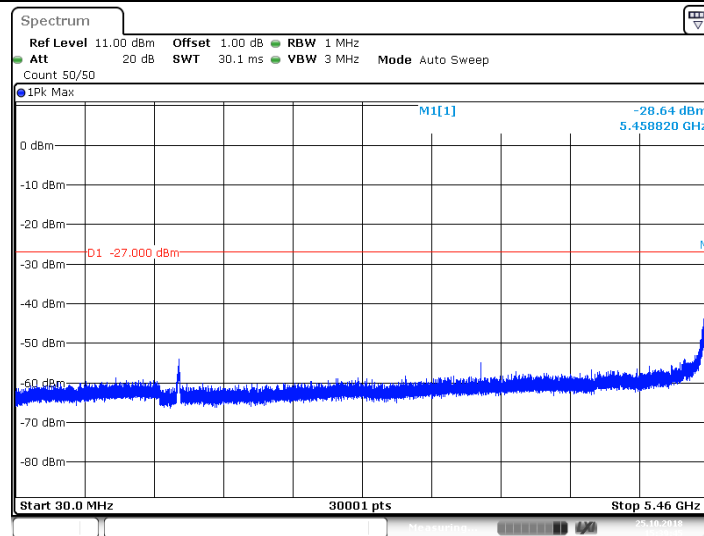
Date: 25.10.2018 15:38:44

11AC40MIMO_Ant1_5510_5735~40000

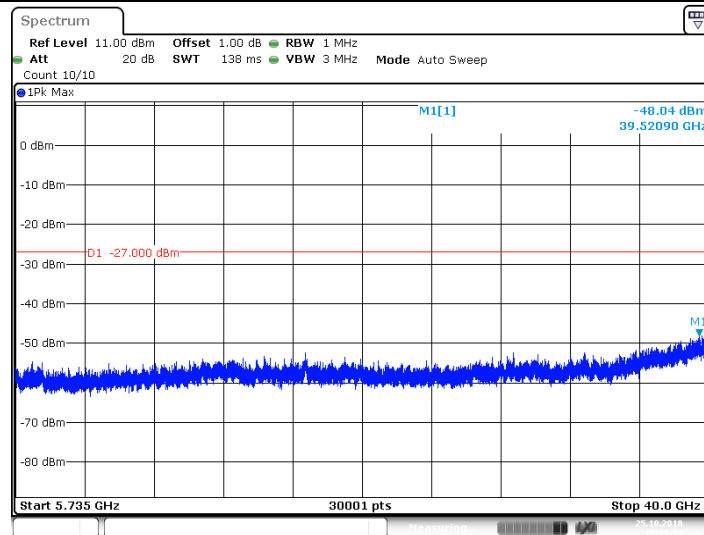


Date: 25.10.2018 15:38:53

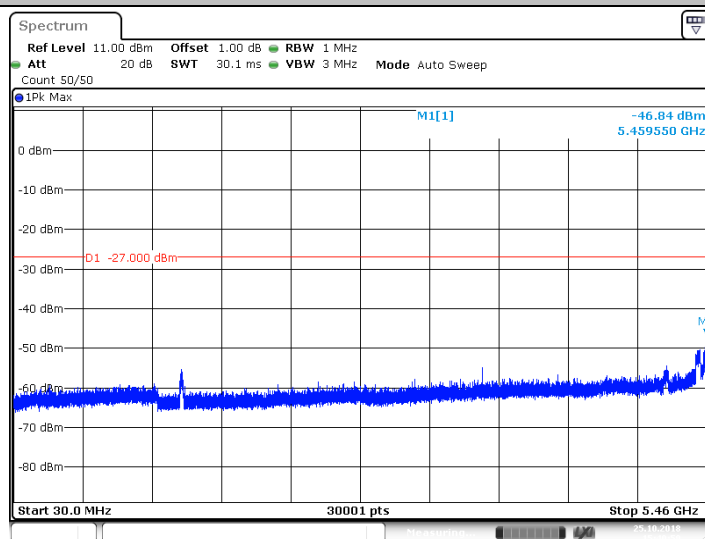
11AC40MIMO_Ant2_5510_30~5460



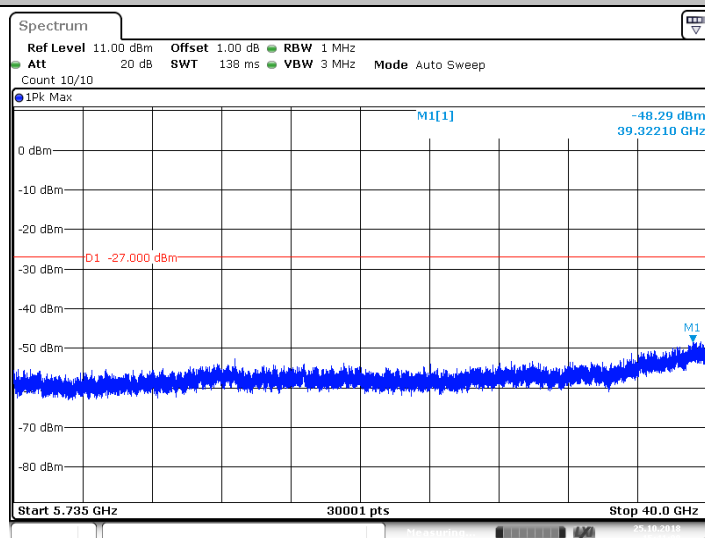
11AC40MIMO_Ant2_5510_5735~40000



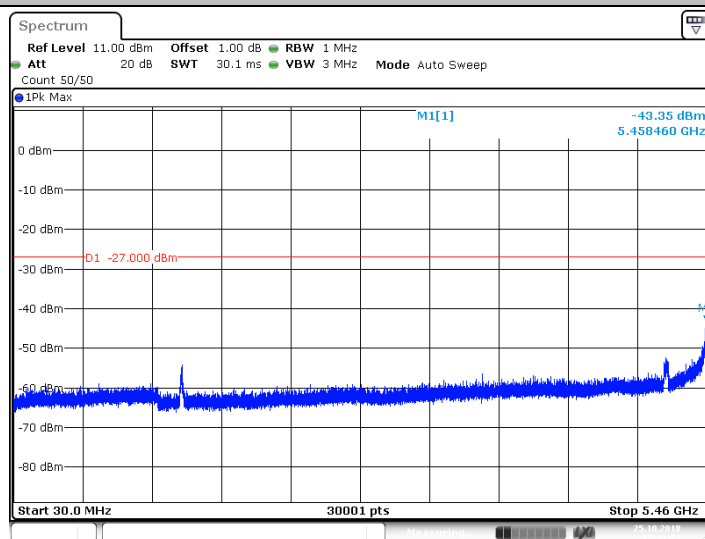
11AC40MIMO_Ant1_5550_30~5460



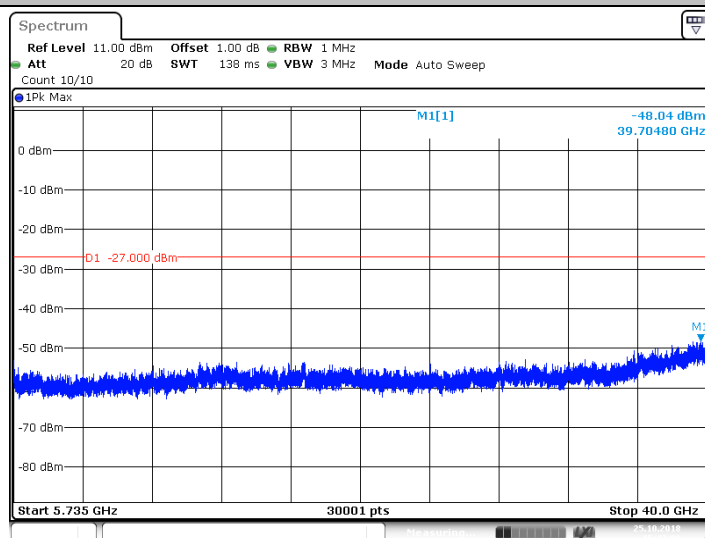
11AC40MIMO_Ant1_5550_5735~40000



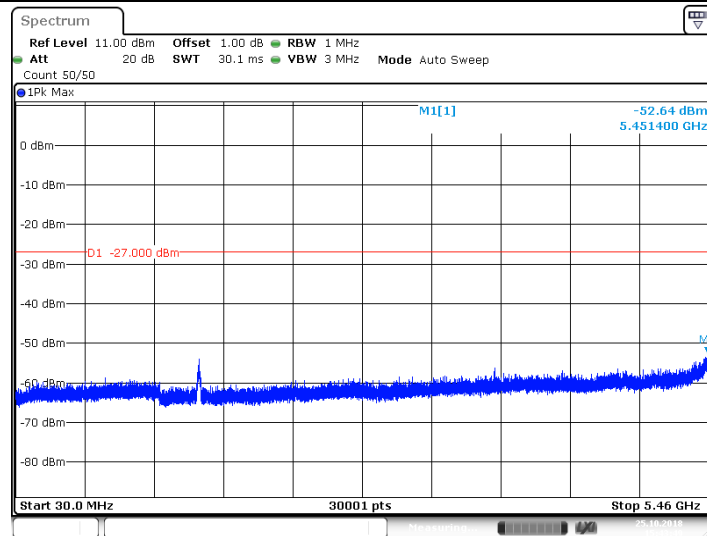
11AC40MIMO_Ant2_5550_30~5460



11AC40MIMO_Ant2_5550_5735~40000

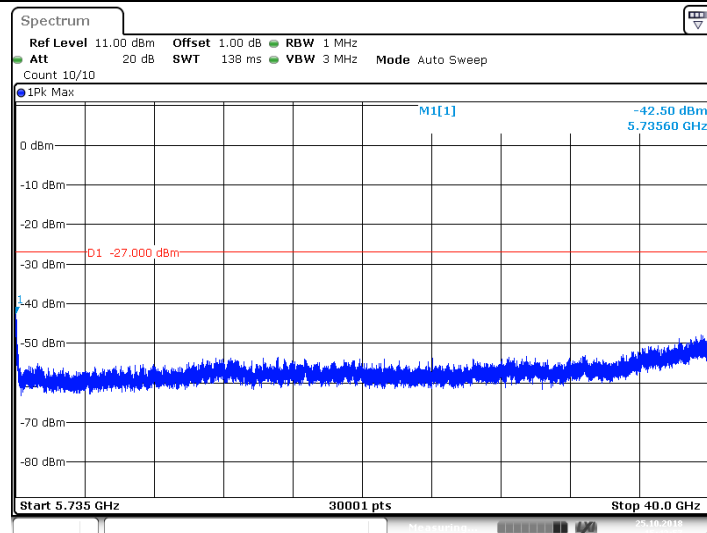


11AC40MIMO_Ant1_5670_30~5460



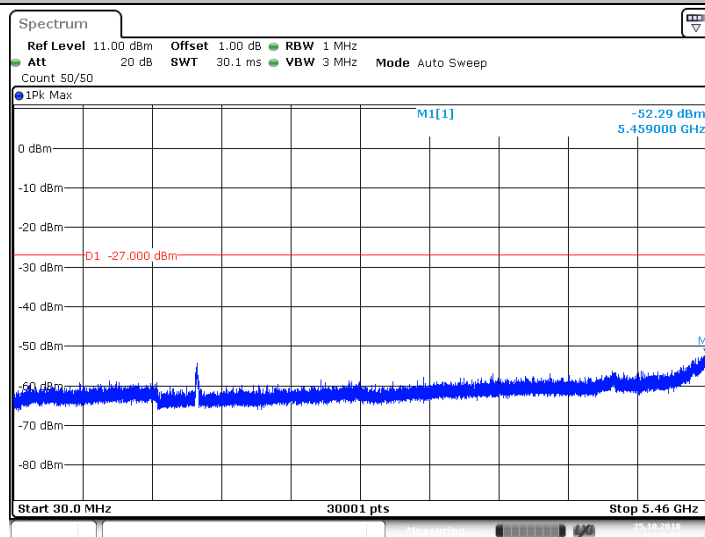
Date: 25.0 CT 2018 15:43:49

11AC40MIMO_Ant1_5670_5735~40000



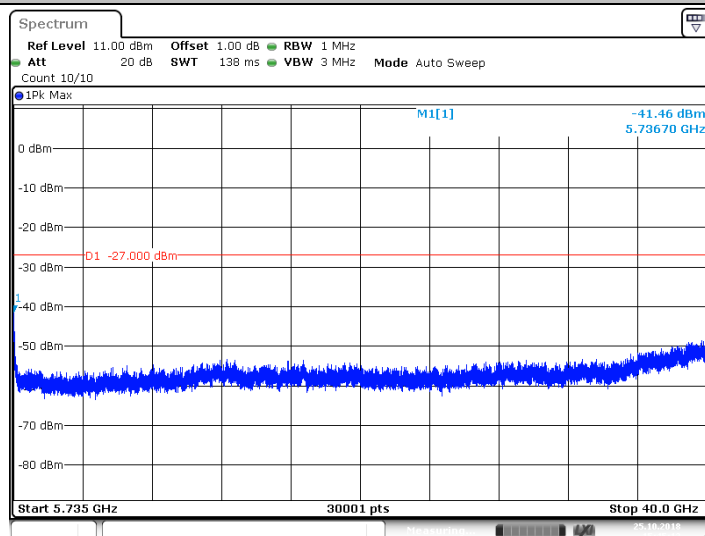
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11AC40MIMO_Ant2_5670_30~5460



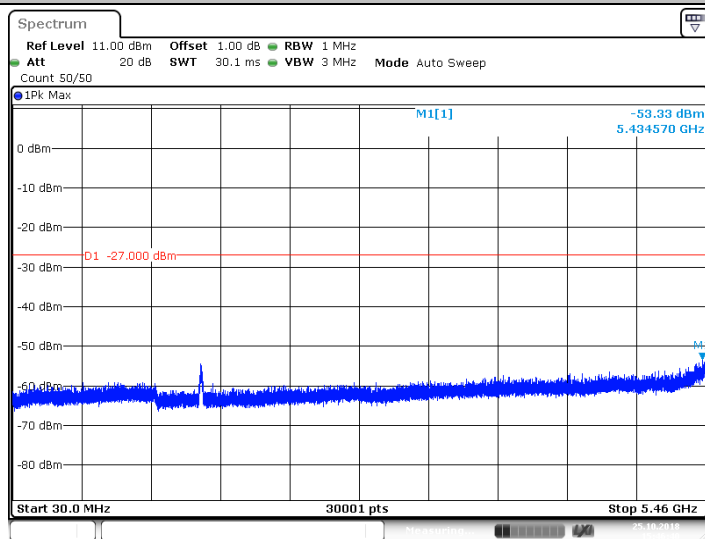
Date: 25.10.2018 15:45:03

11AC40MIMO_Ant2_5670_5735~40000

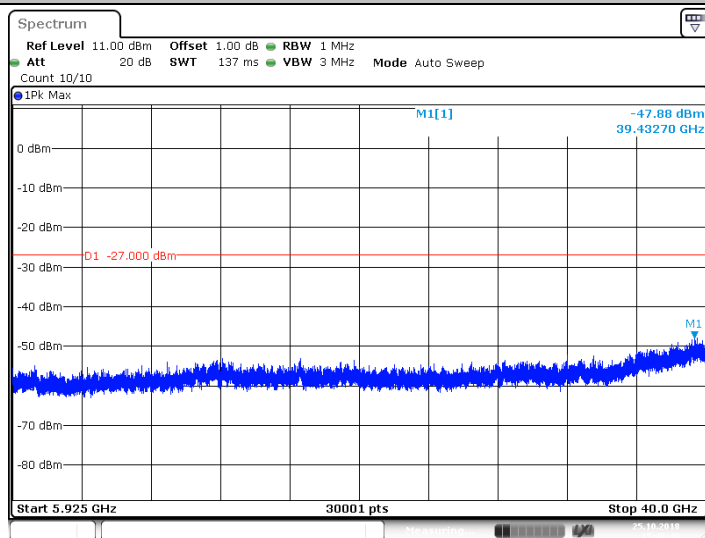


Date: 25.10.2018 15:45:12

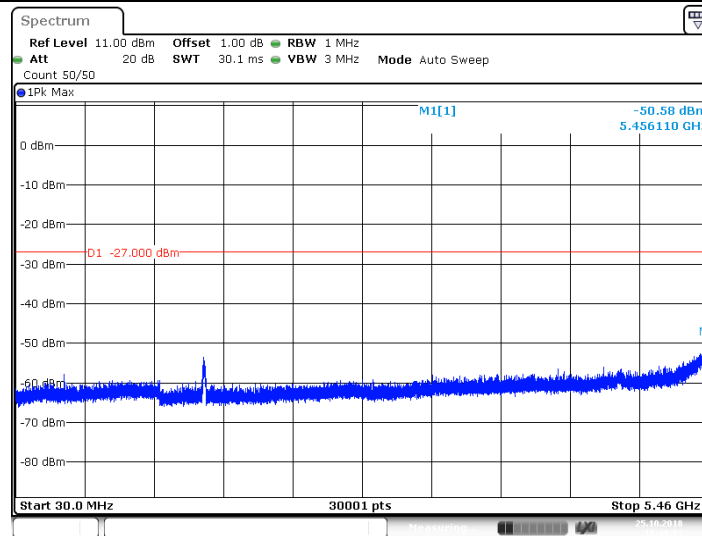
11AC40MIMO_Ant1_5710_30~5460



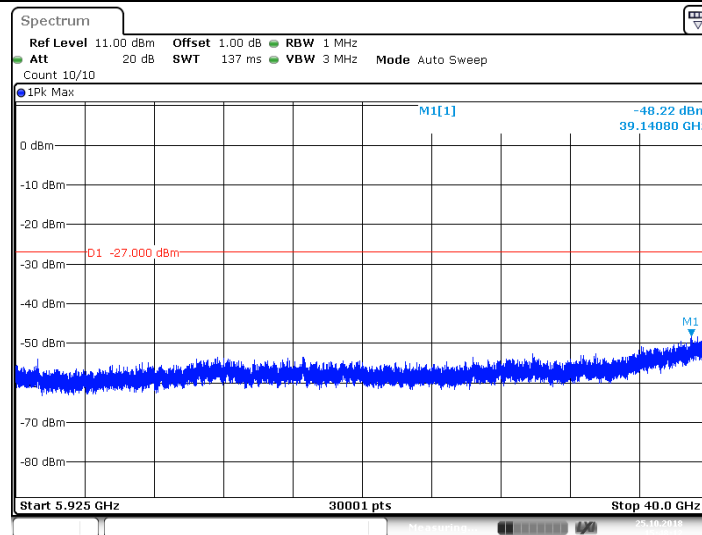
11AC40MIMO_Ant1_5710_5925~40000



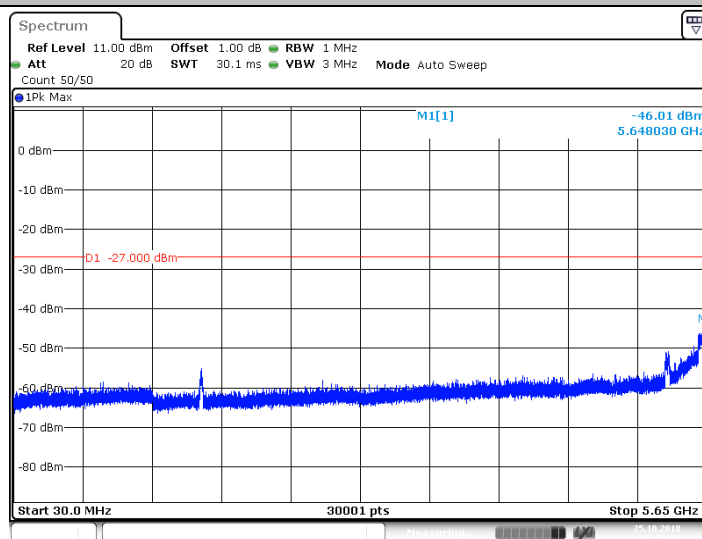
11AC40MIMO_Ant2_5710_30~5460



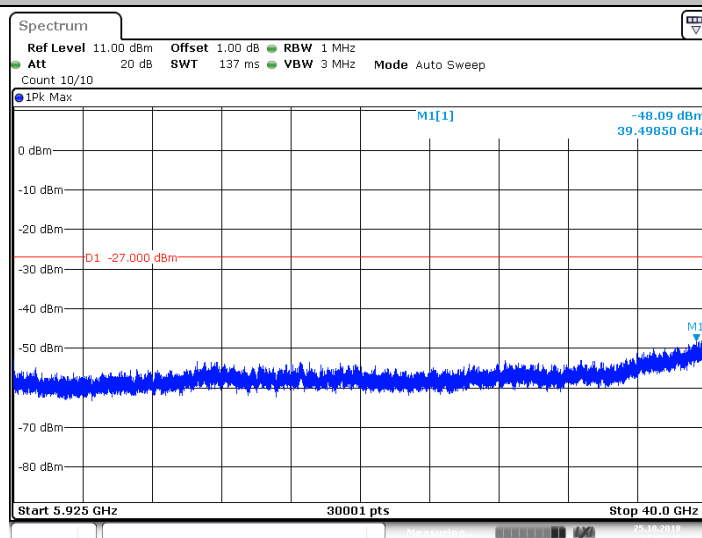
11AC40MIMO_Ant2_5710_5925~40000



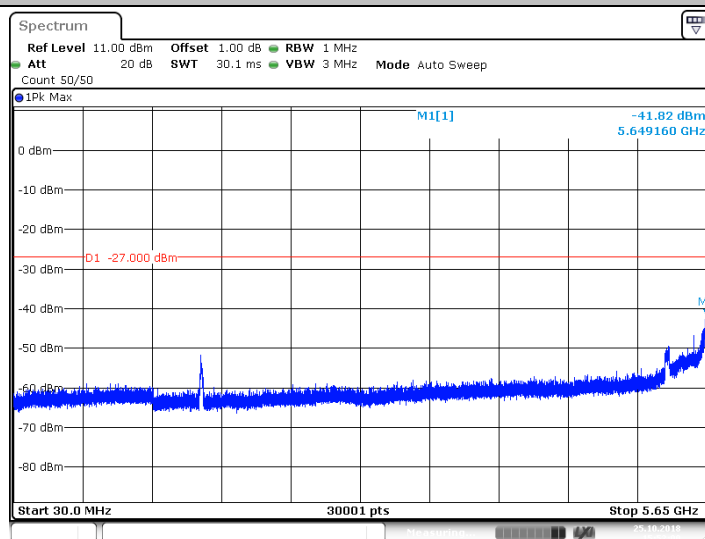
11AC40MIMO_Ant1_5755_30~5650



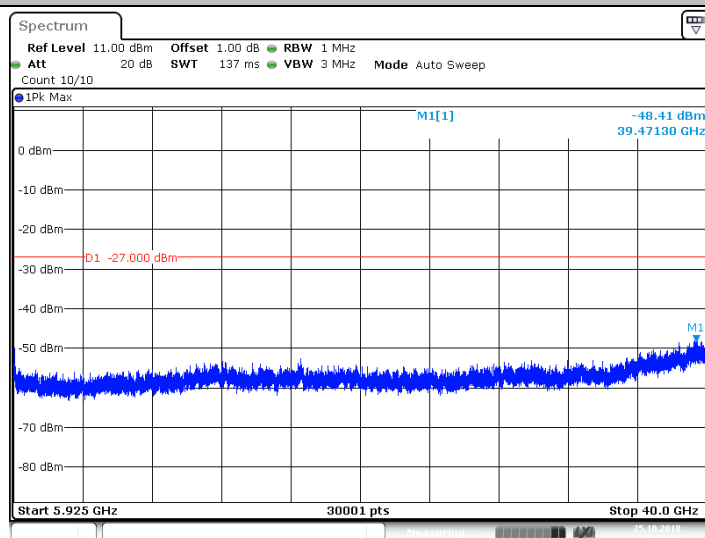
11AC40MIMO_Ant1_5755_5925~40000



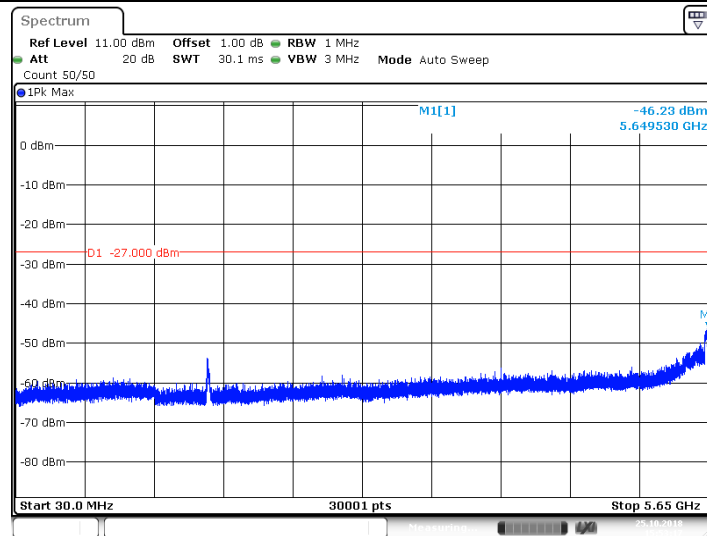
11AC40MIMO_Ant2_5755_30~5650



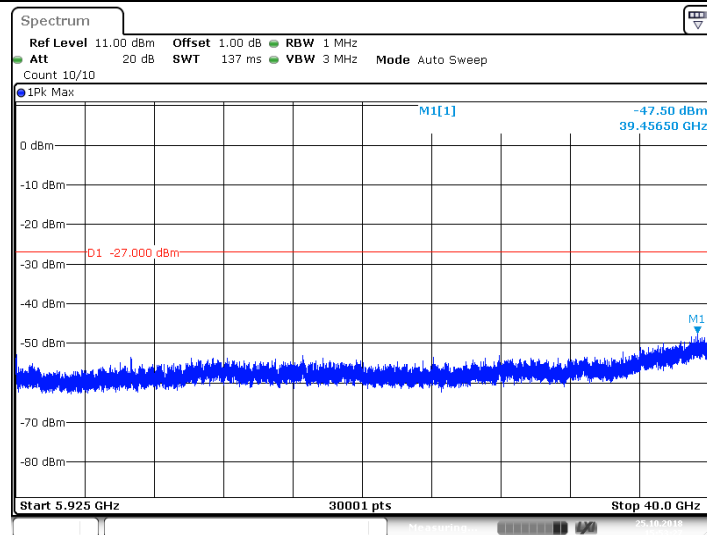
11AC40MIMO_Ant2_5755_5925~40000



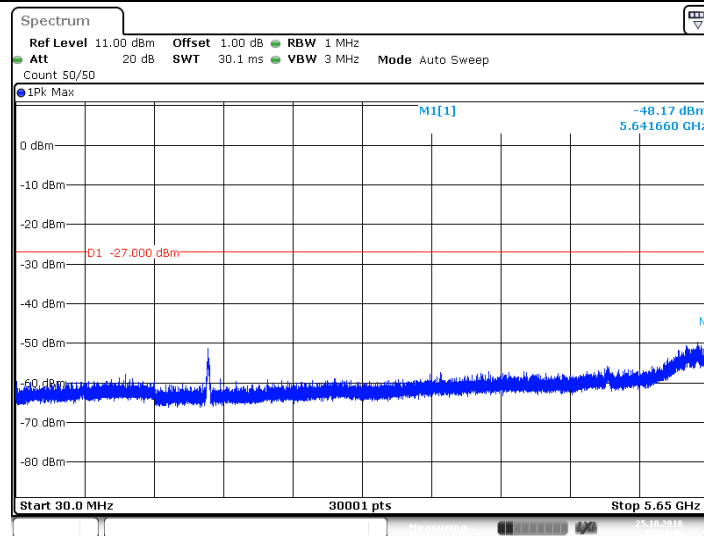
11AC40MIMO_Ant1_5795_30~5650



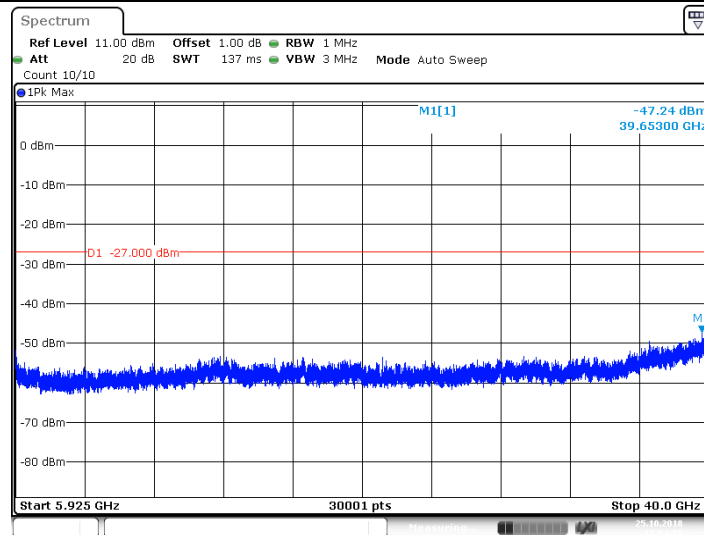
11AC40MIMO_Ant1_5795_5925~40000



11AC40MIMO_Ant2_5795_30~5650



11AC40MIMO_Ant2_5795_5925~40000



Appendix E8: Frequency Stability

Test Result

Voltage								
TestMod e	Antenn a	Channe l	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC40 MIMO	Ant1	5190	NV	NT	-25000	-4.816956	20	PASS
		5190	LV	NT	-50000	-9.633911	20	PASS
		5190	HV	NT	-25000	-4.816956	20	PASS
	Ant2	5190	NV	NT	-50000	-9.633911	20	PASS
		5190	LV	NT	-50000	-9.633911	20	PASS
		5190	HV	NT	-25000	-4.816956	20	PASS
	Ant1	5230	NV	NT	-25000	-4.780115	20	PASS
		5230	LV	NT	-50000	-9.560229	20	PASS
		5230	HV	NT	-25000	-4.780115	20	PASS
	Ant2	5230	NV	NT	-25000	-4.780115	20	PASS
		5230	LV	NT	-25000	-4.780115	20	PASS
		5230	HV	NT	-25000	-4.780115	20	PASS
	Ant1	5270	NV	NT	-50000	-9.487666	20	PASS
		5270	LV	NT	-50000	-9.487666	20	PASS
		5270	HV	NT	-25000	-4.743833	20	PASS
	Ant2	5270	NV	NT	-50000	-9.487666	20	PASS
		5270	LV	NT	-25000	-4.743833	20	PASS
		5270	HV	NT	-50000	-9.487666	20	PASS
	Ant1	5310	NV	NT	-50000	-9.416196	20	PASS
		5310	LV	NT	-25000	-4.708098	20	PASS
		5310	HV	NT	-50000	-9.416196	20	PASS
	Ant2	5310	NV	NT	-25000	-4.708098	20	PASS
		5310	LV	NT	-75000	-14.124294	20	PASS
		5310	HV	NT	-25000	-4.708098	20	PASS
	Ant1	5510	NV	NT	-50000	-9.07441	20	PASS
		5510	LV	NT	-50000	-9.07441	20	PASS
		5510	HV	NT	-25000	-4.537205	20	PASS
	Ant2	5510	NV	NT	-75000	-13.611615	20	PASS
		5510	LV	NT	-50000	-9.07441	20	PASS
		5510	HV	NT	-50000	-9.07441	20	PASS
	Ant1	5550	NV	NT	-75000	-13.513514	20	PASS
		5550	LV	NT	-75000	-13.513514	20	PASS
		5550	HV	NT	-50000	-9.009009	20	PASS
	Ant2	5550	NV	NT	-75000	-13.513514	20	PASS
		5550	LV	NT	-50000	-9.009009	20	PASS
		5550	HV	NT	-75000	-13.513514	20	PASS

	Ant1	5670	NV	NT	-75000	-13.227513	20	PASS
		5670	LV	NT	-75000	-13.227513	20	PASS
		5670	HV	NT	-75000	-13.227513	20	PASS
	Ant2	5670	NV	NT	-75000	-13.227513	20	PASS
		5670	LV	NT	-50000	-8.818342	20	PASS
		5670	HV	NT	-50000	-8.818342	20	PASS
	Ant1	5710	NV	NT	-25000	-4.378284	20	PASS
		5710	LV	NT	-75000	-13.134851	20	PASS
		5710	HV	NT	-75000	-13.134851	20	PASS
	Ant2	5710	NV	NT	-50000	-8.756567	20	PASS
		5710	LV	NT	-50000	-8.756567	20	PASS
		5710	HV	NT	-75000	-13.134851	20	PASS
	Ant1	5755	NV	NT	-75000	-13.032146	20	PASS
		5755	LV	NT	-50000	-8.688097	20	PASS
		5755	HV	NT	-75000	-13.032146	20	PASS
	Ant2	5755	NV	NT	-75000	-13.032146	20	PASS
		5755	LV	NT	-50000	-8.688097	20	PASS
		5755	HV	NT	-75000	-13.032146	20	PASS
	Ant1	5795	NV	NT	-100000	-17.256255	20	PASS
		5795	LV	NT	-75000	-12.942192	20	PASS
		5795	HV	NT	-75000	-12.942192	20	PASS
	Ant2	5795	NV	NT	-50000	-8.628128	20	PASS
		5795	LV	NT	-75000	-12.942192	20	PASS
		5795	HV	NT	-50000	-8.628128	20	PASS

Temperature								
TestMod e	Antenn a	Channe l	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11AC40 MIMO	Ant1	5190	NV	-30	-50000	-9.633911	20	PASS
		5190	NV	-20	-50000	-9.633911	20	PASS
		5190	NV	-10	-50000	-9.633911	20	PASS
		5190	NV	0	-50000	-9.633911	20	PASS
		5190	NV	10	-75000	-14.450867	20	PASS
		5190	NV	20	-50000	-9.633911	20	PASS
		5190	NV	30	-25000	-4.816956	20	PASS
		5190	NV	40	-50000	-9.633911	20	PASS
		5190	NV	50	-50000	-9.633911	20	PASS
	Ant2	5190	NV	-30	-75000	-14.450867	20	PASS
		5190	NV	-20	-25000	-4.816956	20	PASS
		5190	NV	-10	-25000	-4.816956	20	PASS
		5190	NV	0	-50000	-9.633911	20	PASS
		5190	NV	10	-25000	-4.816956	20	PASS
		5190	NV	20	-50000	-9.633911	20	PASS

		5190	NV	30	-25000	-4.816956	20	PASS
		5190	NV	40	-25000	-4.816956	20	PASS
		5190	NV	50	-25000	-4.816956	20	PASS
	Ant1	5230	NV	-30	-50000	-9.560229	20	PASS
		5230	NV	-20	-75000	-14.340344	20	PASS
		5230	NV	-10	-50000	-9.560229	20	PASS
		5230	NV	0	-75000	-14.340344	20	PASS
		5230	NV	10	-50000	-9.560229	20	PASS
		5230	NV	20	-25000	-4.780115	20	PASS
		5230	NV	30	-25000	-4.780115	20	PASS
		5230	NV	40	-25000	-4.780115	20	PASS
		5230	NV	50	-25000	-4.780115	20	PASS
		5230	NV	-30	-50000	-9.560229	20	PASS
	Ant2	5230	NV	-20	-25000	-4.780115	20	PASS
		5230	NV	-10	-50000	-9.560229	20	PASS
		5230	NV	0	-25000	-4.780115	20	PASS
		5230	NV	10	-50000	-9.560229	20	PASS
		5230	NV	20	-50000	-9.560229	20	PASS
		5230	NV	30	-25000	-4.780115	20	PASS
		5230	NV	40	-75000	-14.340344	20	PASS
		5230	NV	50	-25000	-4.780115	20	PASS
	Ant1	5270	NV	-30	-75000	-14.231499	20	PASS
		5270	NV	-20	-50000	-9.487666	20	PASS
		5270	NV	-10	-75000	-14.231499	20	PASS
		5270	NV	0	-50000	-9.487666	20	PASS
		5270	NV	10	-50000	-9.487666	20	PASS
		5270	NV	20	-75000	-14.231499	20	PASS
		5270	NV	30	-50000	-9.487666	20	PASS
		5270	NV	40	-25000	-4.743833	20	PASS
		5270	NV	50	-25000	-4.743833	20	PASS
	Ant2	5270	NV	-30	-25000	-4.743833	20	PASS
		5270	NV	-20	-75000	-14.231499	20	PASS
		5270	NV	-10	-75000	-14.231499	20	PASS
		5270	NV	0	-25000	-4.743833	20	PASS
		5270	NV	10	-25000	-4.743833	20	PASS
		5270	NV	20	-75000	-14.231499	20	PASS
		5270	NV	30	-50000	-9.487666	20	PASS
		5270	NV	40	-25000	-4.743833	20	PASS
		5270	NV	50	-25000	-4.743833	20	PASS
	Ant1	5310	NV	-30	-50000	-9.416196	20	PASS
		5310	NV	-20	-75000	-14.124294	20	PASS
		5310	NV	-10	-25000	-4.708098	20	PASS
		5310	NV	0	-50000	-9.416196	20	PASS

		5310	NV	10	-25000	-4.708098	20	PASS
		5310	NV	20	-50000	-9.416196	20	PASS
		5310	NV	30	-25000	-4.708098	20	PASS
		5310	NV	40	-50000	-9.416196	20	PASS
		5310	NV	50	-25000	-4.708098	20	PASS
	Ant2	5310	NV	-30	-25000	-4.708098	20	PASS
		5310	NV	-20	-50000	-9.416196	20	PASS
		5310	NV	-10	-50000	-9.416196	20	PASS
		5310	NV	0	-25000	-4.708098	20	PASS
		5310	NV	10	-25000	-4.708098	20	PASS
		5310	NV	20	-25000	-4.708098	20	PASS
		5310	NV	30	-75000	-14.124294	20	PASS
		5310	NV	40	-50000	-9.416196	20	PASS
		5310	NV	50	-50000	-9.416196	20	PASS
	Ant1	5510	NV	-30	-50000	-9.07441	20	PASS
		5510	NV	-20	-50000	-9.07441	20	PASS
		5510	NV	-10	-50000	-9.07441	20	PASS
		5510	NV	0	-75000	-13.611615	20	PASS
		5510	NV	10	-75000	-13.611615	20	PASS
		5510	NV	20	-50000	-9.07441	20	PASS
		5510	NV	30	-25000	-4.537205	20	PASS
		5510	NV	40	-75000	-13.611615	20	PASS
		5510	NV	50	-25000	-4.537205	20	PASS
	Ant2	5510	NV	-30	-50000	-9.07441	20	PASS
		5510	NV	-20	-50000	-9.07441	20	PASS
		5510	NV	-10	-75000	-13.611615	20	PASS
		5510	NV	0	-50000	-9.07441	20	PASS
		5510	NV	10	-75000	-13.611615	20	PASS
		5510	NV	20	-50000	-9.07441	20	PASS
		5510	NV	30	-25000	-4.537205	20	PASS
		5510	NV	40	-50000	-9.07441	20	PASS
		5510	NV	50	-50000	-9.07441	20	PASS
	Ant1	5550	NV	-30	-50000	-9.009009	20	PASS
		5550	NV	-20	-50000	-9.009009	20	PASS
		5550	NV	-10	-50000	-9.009009	20	PASS
		5550	NV	0	-50000	-9.009009	20	PASS
		5550	NV	10	-75000	-13.513514	20	PASS
		5550	NV	20	-50000	-9.009009	20	PASS
		5550	NV	30	-75000	-13.513514	20	PASS
		5550	NV	40	-50000	-9.009009	20	PASS
		5550	NV	50	-50000	-9.009009	20	PASS
	Ant2	5550	NV	-30	-75000	-13.513514	20	PASS
		5550	NV	-20	-50000	-9.009009	20	PASS

		5550	NV	-10	-50000	-9.009009	20	PASS
		5550	NV	0	-75000	-13.513514	20	PASS
		5550	NV	10	-50000	-9.009009	20	PASS
		5550	NV	20	-75000	-13.513514	20	PASS
		5550	NV	30	-50000	-9.009009	20	PASS
		5550	NV	40	-50000	-9.009009	20	PASS
		5550	NV	50	-75000	-13.513514	20	PASS
	Ant1	5670	NV	-30	-75000	-13.227513	20	PASS
		5670	NV	-20	-75000	-13.227513	20	PASS
		5670	NV	-10	-75000	-13.227513	20	PASS
		5670	NV	0	-75000	-13.227513	20	PASS
		5670	NV	10	-50000	-8.818342	20	PASS
		5670	NV	20	-50000	-8.818342	20	PASS
		5670	NV	30	-50000	-8.818342	20	PASS
		5670	NV	40	-75000	-13.227513	20	PASS
		5670	NV	50	-75000	-13.227513	20	PASS
	Ant2	5670	NV	-30	-50000	-8.818342	20	PASS
		5670	NV	-20	-50000	-8.818342	20	PASS
		5670	NV	-10	-75000	-13.227513	20	PASS
		5670	NV	0	-75000	-13.227513	20	PASS
		5670	NV	10	-50000	-8.818342	20	PASS
		5670	NV	20	-50000	-8.818342	20	PASS
		5670	NV	30	-75000	-13.227513	20	PASS
		5670	NV	40	-75000	-13.227513	20	PASS
		5670	NV	50	-75000	-13.227513	20	PASS
	Ant1	5710	NV	-30	-75000	-13.134851	20	PASS
		5710	NV	-20	-75000	-13.134851	20	PASS
		5710	NV	-10	-25000	-4.378284	20	PASS
		5710	NV	0	-75000	-13.134851	20	PASS
		5710	NV	10	-50000	-8.756567	20	PASS
		5710	NV	20	-50000	-8.756567	20	PASS
		5710	NV	30	-75000	-13.134851	20	PASS
		5710	NV	40	-75000	-13.134851	20	PASS
		5710	NV	50	-50000	-8.756567	20	PASS
	Ant2	5710	NV	-30	-75000	-13.134851	20	PASS
		5710	NV	-20	-75000	-13.134851	20	PASS
		5710	NV	-10	-50000	-8.756567	20	PASS
		5710	NV	0	-50000	-8.756567	20	PASS
		5710	NV	10	-50000	-8.756567	20	PASS
		5710	NV	20	-75000	-13.134851	20	PASS
		5710	NV	30	-75000	-13.134851	20	PASS
		5710	NV	40	-50000	-8.756567	20	PASS
		5710	NV	50	-75000	-13.134851	20	PASS

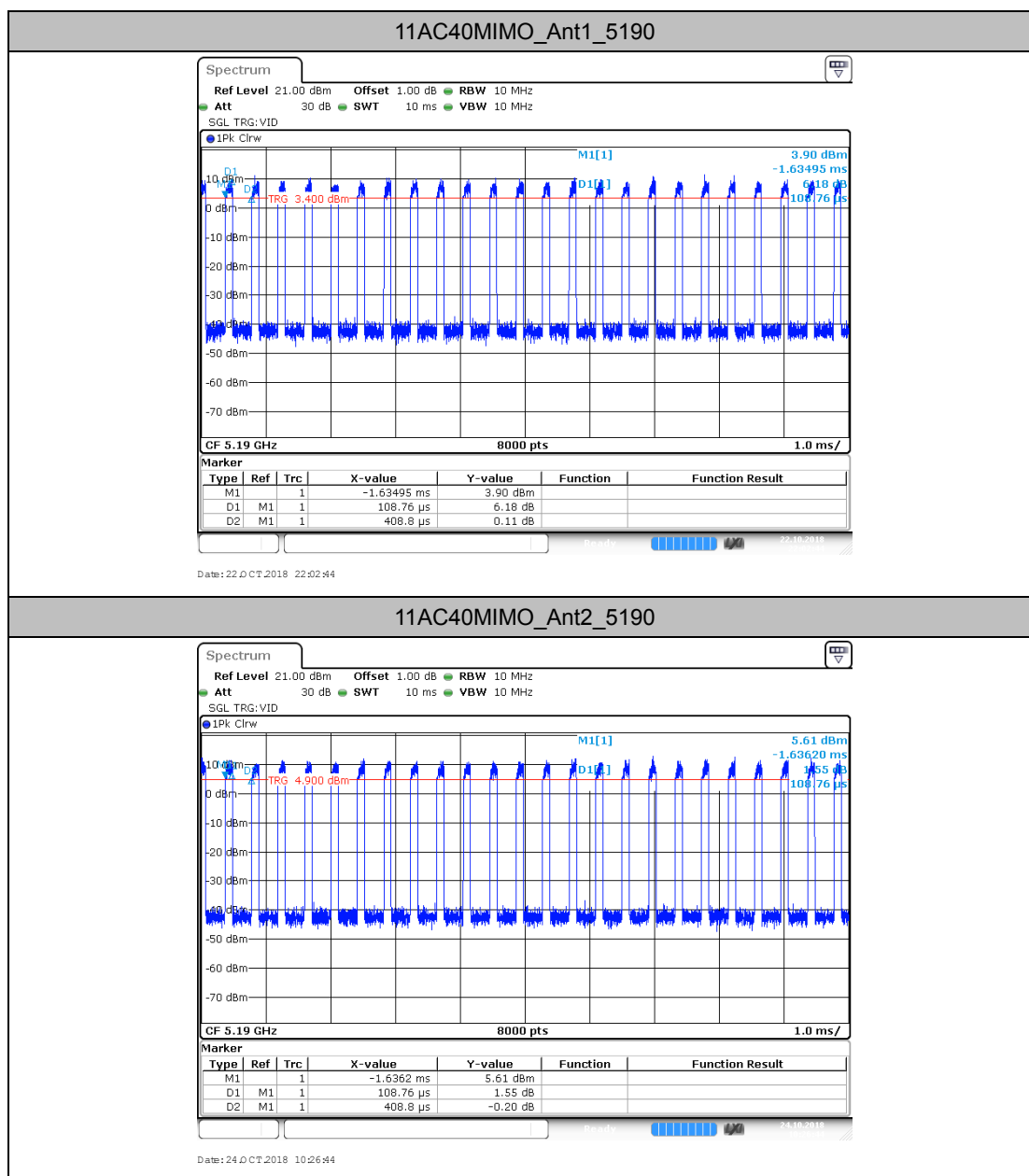
	Ant1	5755	NV	-30	-50000	-8.688097	20	PASS
		5755	NV	-20	-50000	-8.688097	20	PASS
		5755	NV	-10	-75000	-13.032146	20	PASS
		5755	NV	0	-25000	-4.344049	20	PASS
		5755	NV	10	-75000	-13.032146	20	PASS
		5755	NV	20	-75000	-13.032146	20	PASS
		5755	NV	30	-75000	-13.032146	20	PASS
		5755	NV	40	-75000	-13.032146	20	PASS
		5755	NV	50	-50000	-8.688097	20	PASS
	Ant2	5755	NV	-30	-75000	-13.032146	20	PASS
		5755	NV	-20	-50000	-8.688097	20	PASS
		5755	NV	-10	-50000	-8.688097	20	PASS
		5755	NV	0	-50000	-8.688097	20	PASS
		5755	NV	10	-75000	-13.032146	20	PASS
		5755	NV	20	-50000	-8.688097	20	PASS
		5755	NV	30	-50000	-8.688097	20	PASS
		5755	NV	40	-50000	-8.688097	20	PASS
		5755	NV	50	-75000	-13.032146	20	PASS
	Ant1	5795	NV	-30	-50000	-8.628128	20	PASS
		5795	NV	-20	-75000	-12.942192	20	PASS
		5795	NV	-10	-75000	-12.942192	20	PASS
		5795	NV	0	-50000	-8.628128	20	PASS
		5795	NV	10	-75000	-12.942192	20	PASS
		5795	NV	20	-50000	-8.628128	20	PASS
		5795	NV	30	-50000	-8.628128	20	PASS
		5795	NV	40	-50000	-8.628128	20	PASS
		5795	NV	50	-75000	-12.942192	20	PASS
	Ant2	5795	NV	-30	-75000	-12.942192	20	PASS
		5795	NV	-20	-75000	-12.942192	20	PASS
		5795	NV	-10	-50000	-8.628128	20	PASS
		5795	NV	0	-75000	-12.942192	20	PASS
		5795	NV	10	-75000	-12.942192	20	PASS
		5795	NV	20	-75000	-12.942192	20	PASS
		5795	NV	30	-75000	-12.942192	20	PASS
		5795	NV	40	-25000	-4.314064	20	PASS
		5795	NV	50	-50000	-8.628128	20	PASS

Appendix E9: Duty Cycle

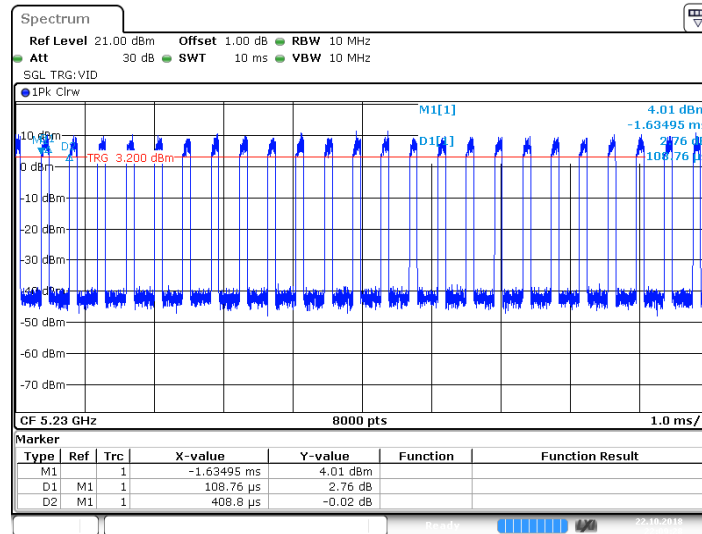
Test Result

TestMode	Antenna	Channel	Duty Cycle [%]
11AC40MIMO	Ant1	5190	26.61
	Ant2	5190	26.61
	Ant1	5230	26.61
	Ant2	5230	26.61
	Ant1	5270	26.61
	Ant2	5270	26.61
	Ant1	5310	26.61
	Ant2	5310	26.61
	Ant1	5510	26.61
	Ant2	5510	26.52
	Ant1	5550	26.69
	Ant2	5550	26.61
	Ant1	5670	26.61
	Ant2	5670	26.61
	Ant1	5710	26.61
	Ant2	5710	26.91
	Ant1	5755	26.61
	Ant2	5755	26.61
	Ant1	5795	26.61
	Ant2	5795	26.61

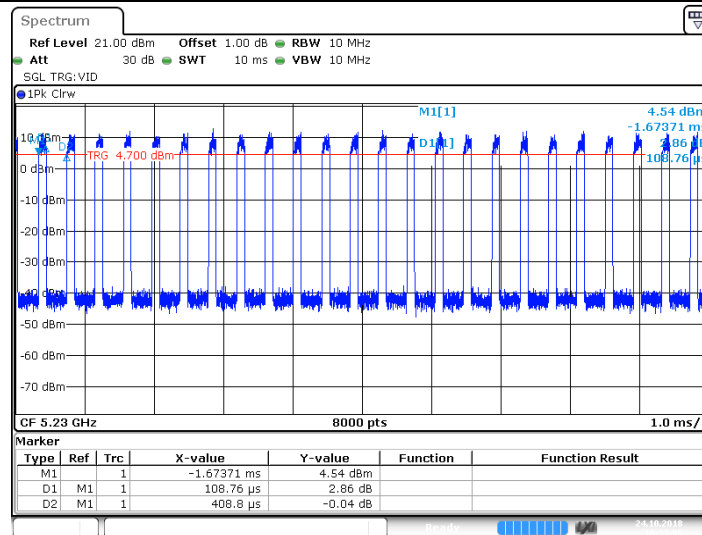
Test Graphs



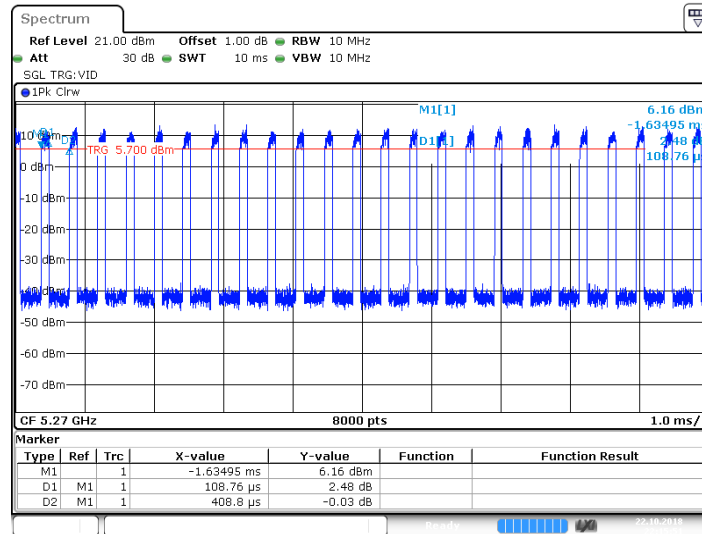
11AC40MIMO_Ant1_5230



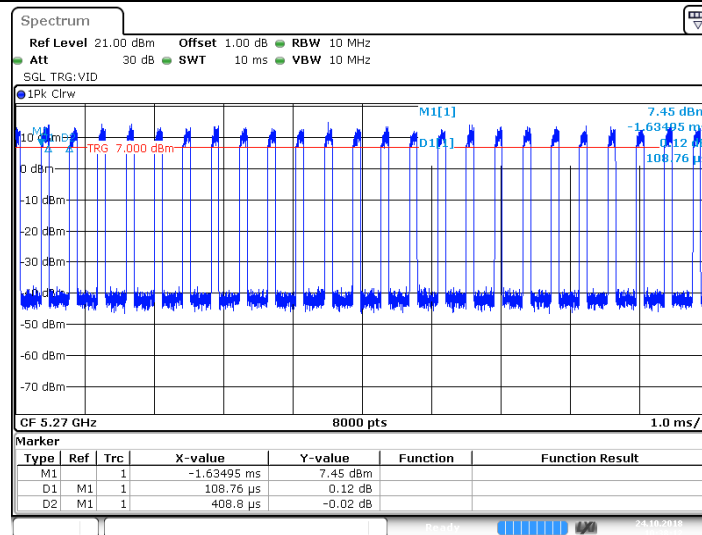
11AC40MIMO_Ant2_5230



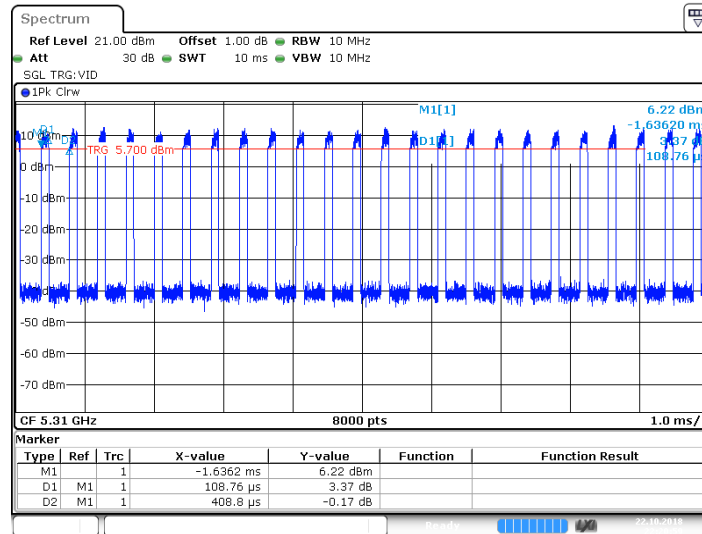
11AC40MIMO_Ant1_5270



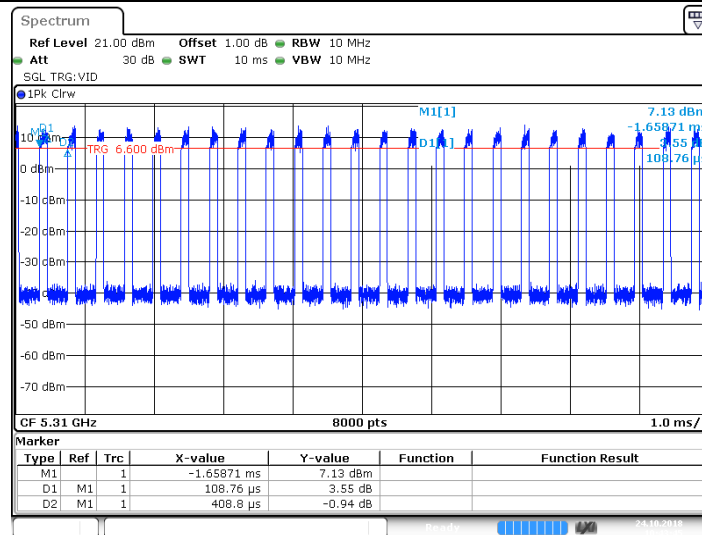
11AC40MIMO_Ant2_5270



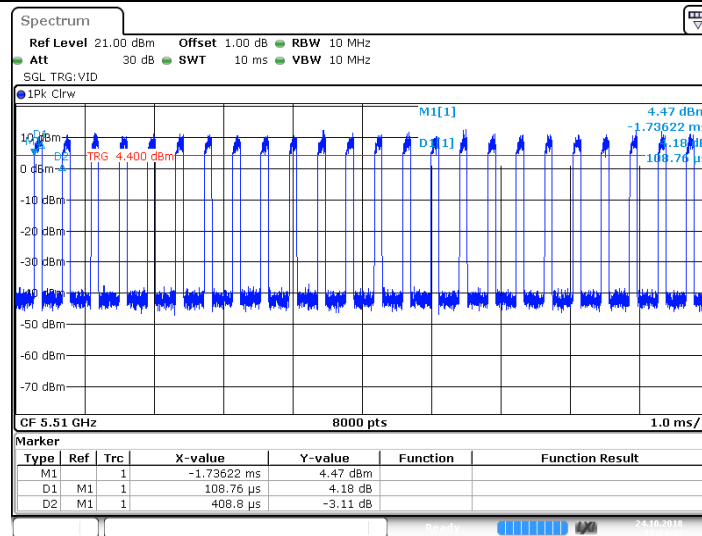
11AC40MIMO_Ant1_5310



11AC40MIMO_Ant2_5310

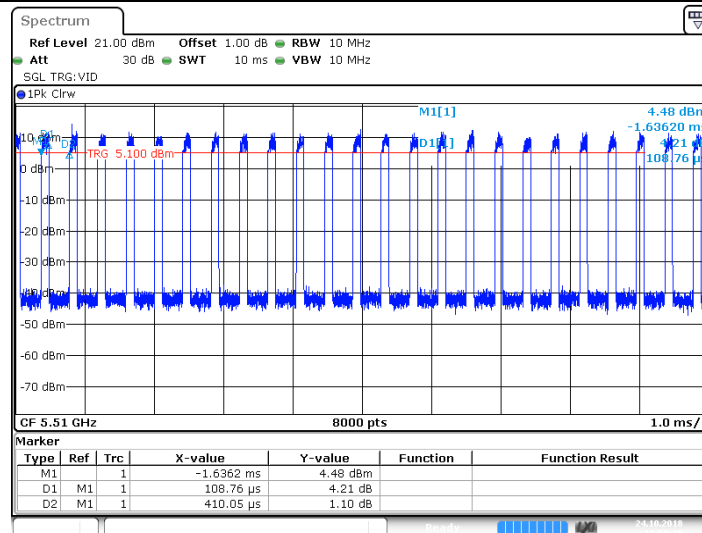


11AC40MIMO_Ant1_5510



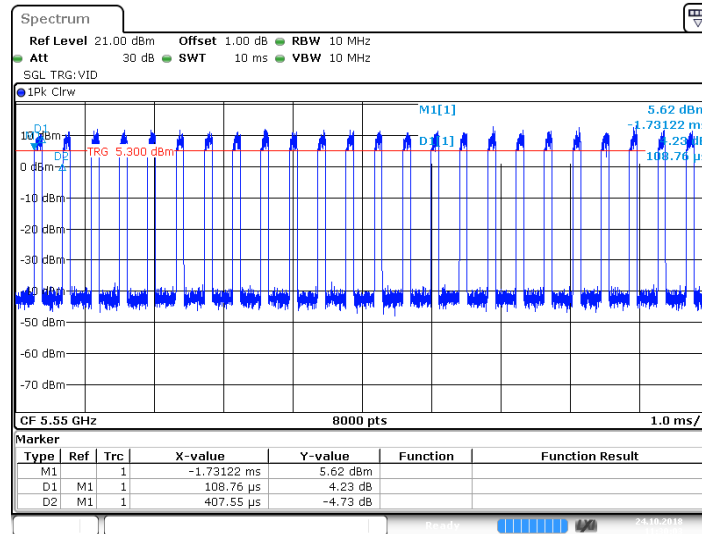
Date: 24.0 CT.2018 11:24:43

11AC40MIMO_Ant2_5510



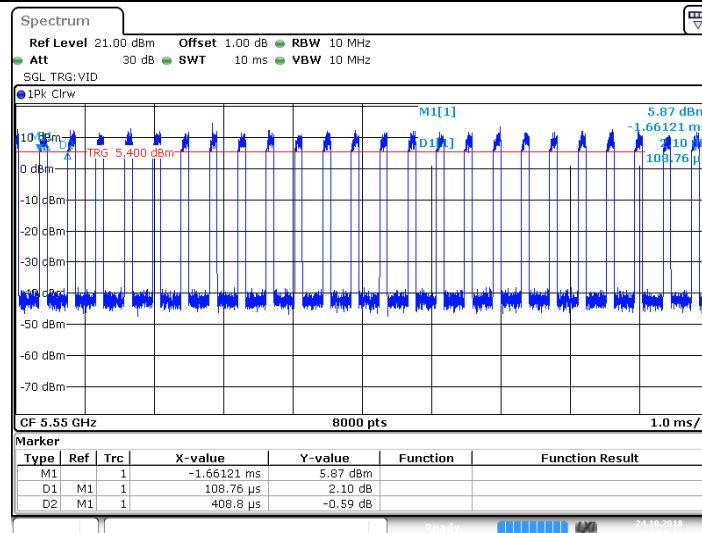
Date: 24.0 CT.2018 10:50:21

11AC40MIMO_Ant1_5550



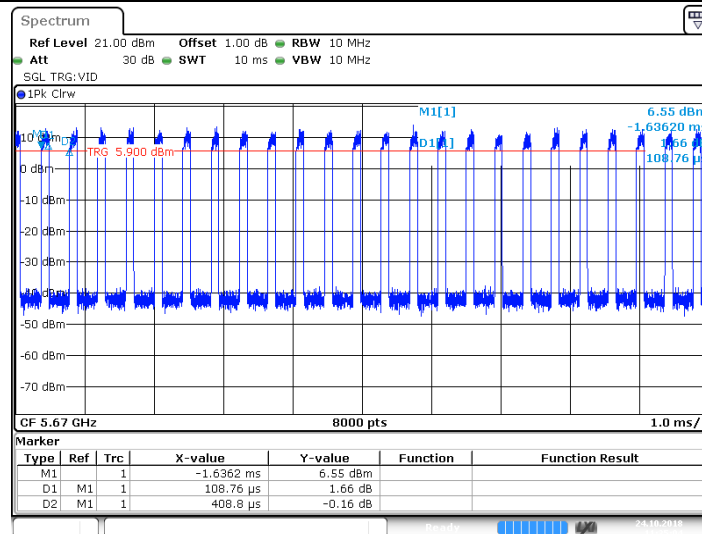
Date: 24.10.2018 11:30:04

11AC40MIMO_Ant2_5550



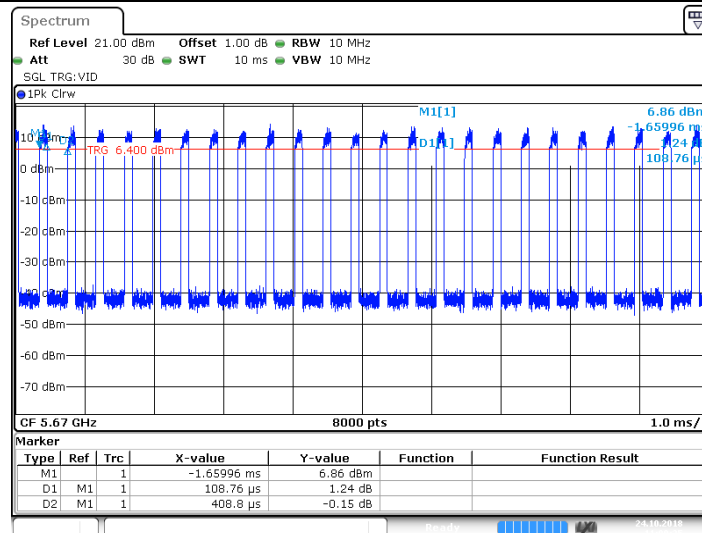
Date: 24.10.2018 10:55:38

11AC40MIMO_Ant1_5670



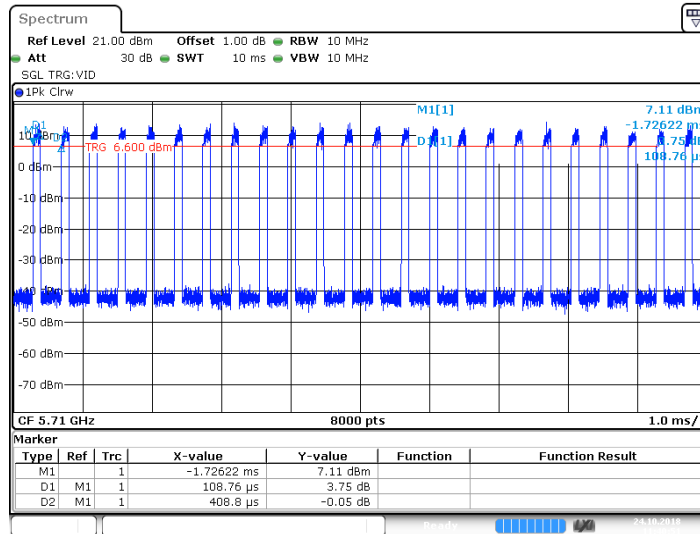
Date: 24.10.2018 11:35:04

11AC40MIMO_Ant2_5670

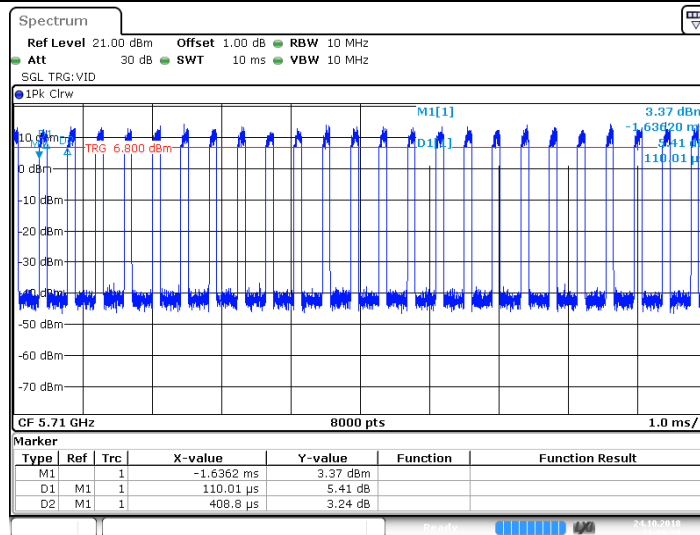


Date: 24.10.2018 11:40:35

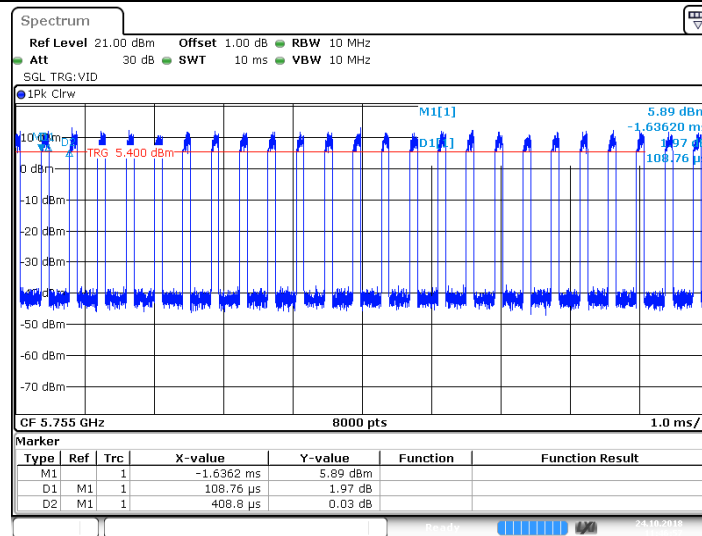
11AC40MIMO_Ant1_5710



11AC40MIMO_Ant2_5710

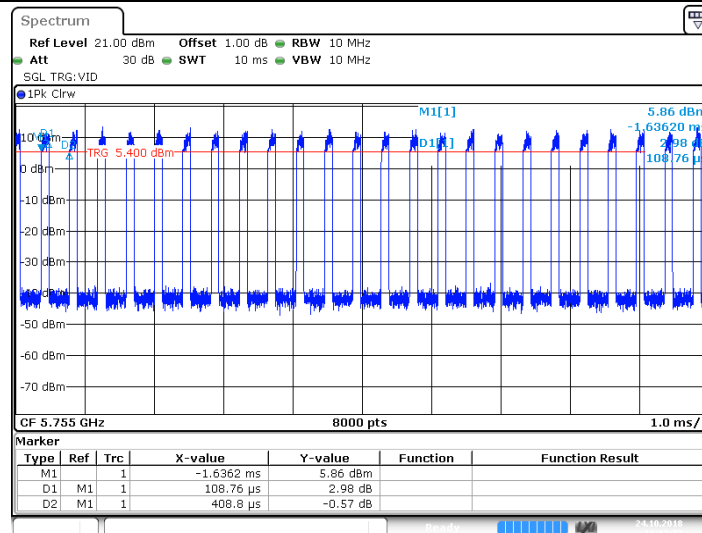


11AC40MIMO_Ant1_5755



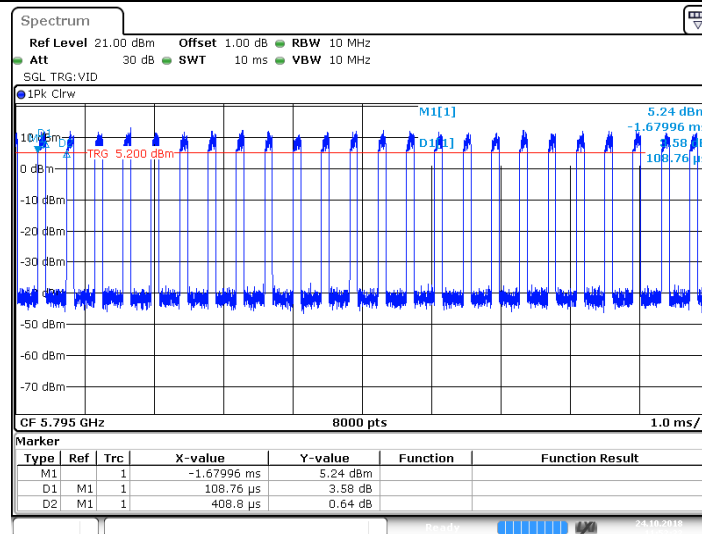
Date: 24.10.2018 11:46:58

11AC40MIMO_Ant2_5755



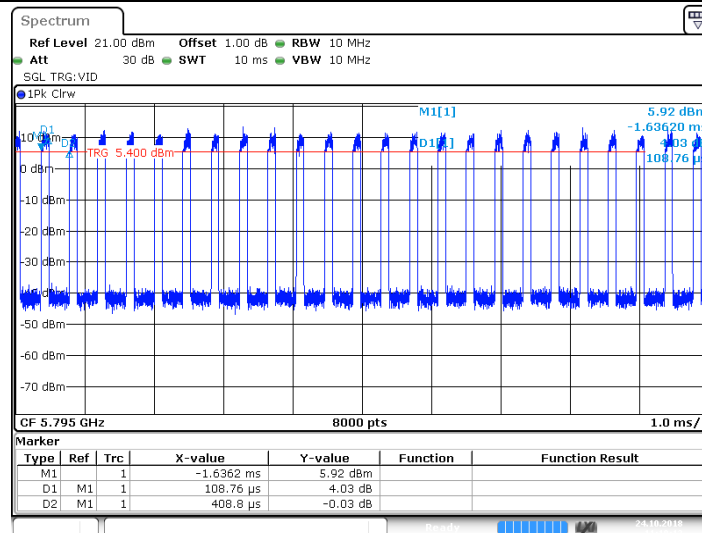
Date: 24.10.2018 11:42:32

11AC40MIMO_Ant1_5795



Date: 24.10.2018 11:52:32

11AC40MIMO_Ant2_5795



Date: 24.10.2018 11:18:13