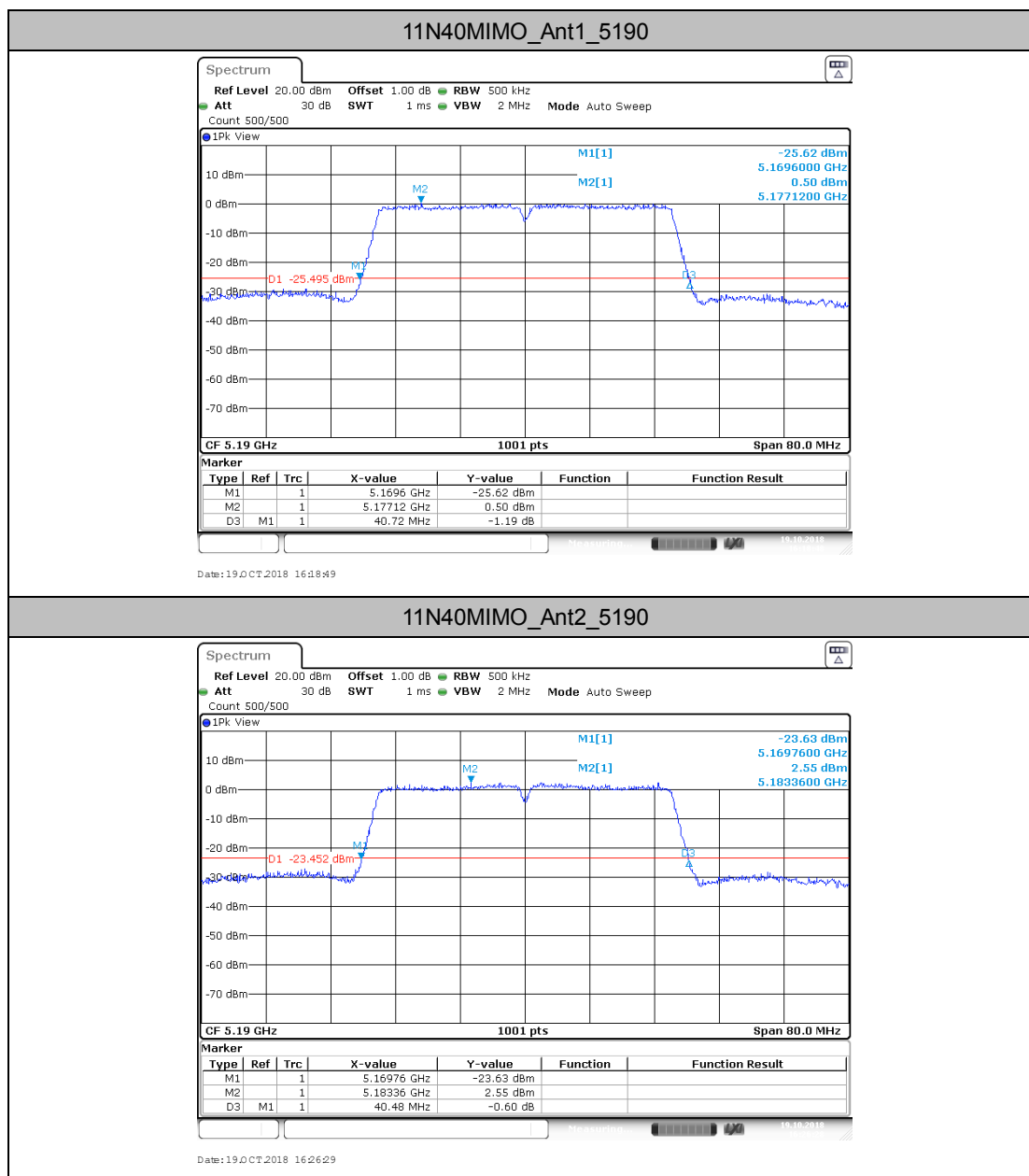


Appendix C1: Emission Bandwidth

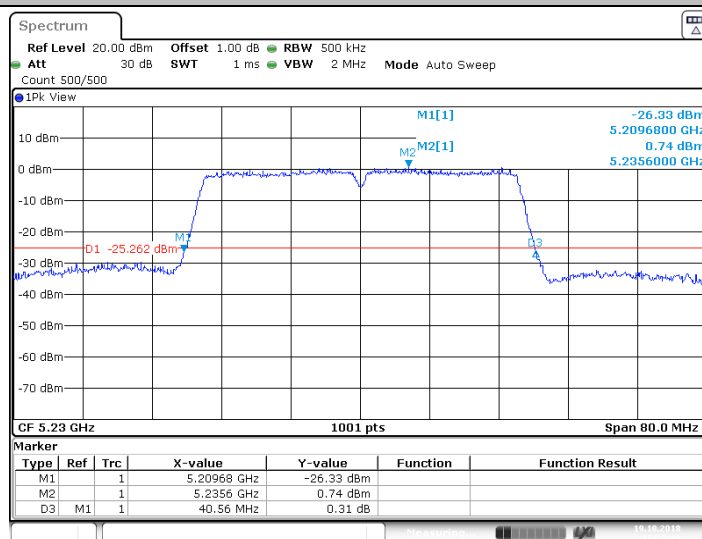
Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N40MIMO	Ant1	5190	40.720	5169.600	5210.320	---	PASS
	Ant2	5190	40.480	5169.760	5210.240	---	PASS
	Ant1	5230	40.560	5209.680	5250.240	---	PASS
	Ant2	5230	40.640	5209.680	5250.320	---	PASS
	Ant1	5270	40.640	5249.760	5290.400	---	PASS
	Ant2	5270	41.040	5249.840	5290.880	---	PASS
	Ant1	5310	40.800	5289.440	5330.240	---	PASS
	Ant2	5310	40.320	5289.840	5330.160	---	PASS
	Ant1	5510	40.800	5489.680	5530.480	---	PASS
	Ant2	5510	40.640	5489.600	5530.240	---	PASS
	Ant1	5550	40.880	5529.520	5570.400	---	PASS
	Ant2	5550	40.720	5529.600	5570.320	---	PASS
	Ant1	5670	40.640	5649.600	5690.240	---	PASS
	Ant2	5670	40.720	5649.600	5690.320	---	PASS
	Ant1	5710	40.640	5689.600	5730.240	---	PASS
	Ant2	5710	40.640	5689.680	5730.320	---	PASS
	Ant1	5710_UNII-2C	35.4	5689.600	5725	---	PASS
	Ant2	5710_UNII-2C	35.32	5689.680	5725	---	PASS
	Ant1	5710_UNII-3	5.24	5725	5730.240	---	PASS
	Ant2	5710_UNII-3	5.32	5725	5730.320	---	PASS
	Ant1	5755	40.720	5734.600	5775.320	---	PASS
	Ant2	5755	40.880	5734.520	5775.400	---	PASS
	Ant1	5795	40.560	5774.680	5815.240	---	PASS
	Ant2	5795	40.720	5774.600	5815.320	---	PASS

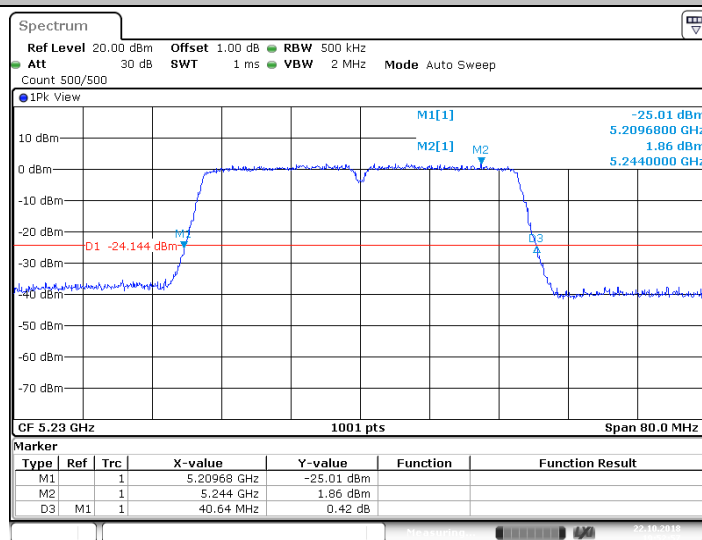
Test Graphs



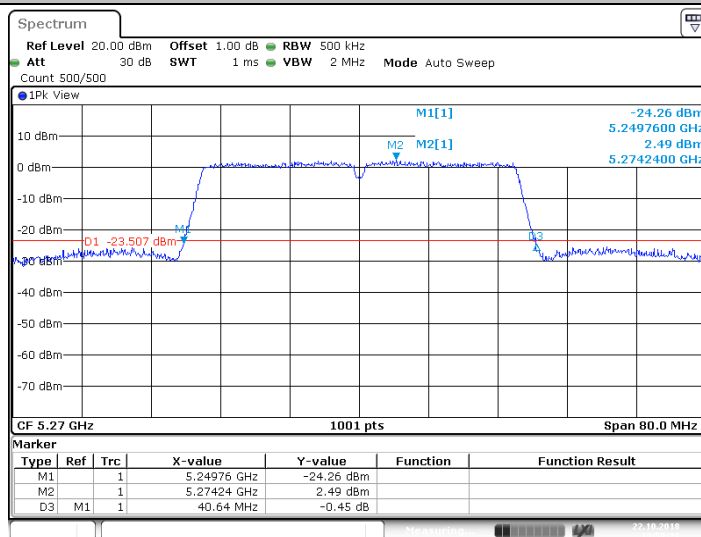
11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230

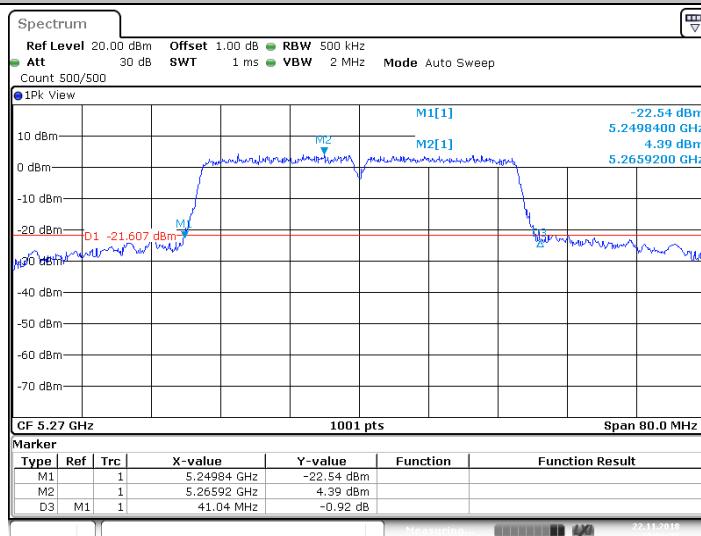


11N40MIMO_Ant1_5270



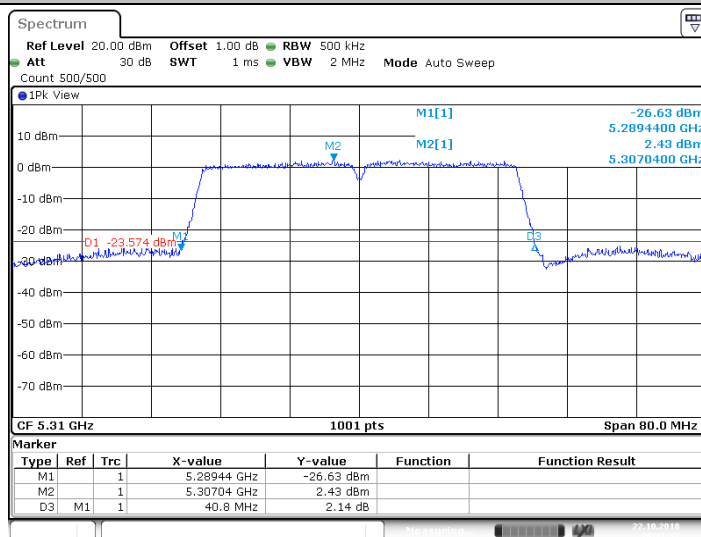
Date: 22.10.2018 19:58:28

11N40MIMO_Ant2_5270



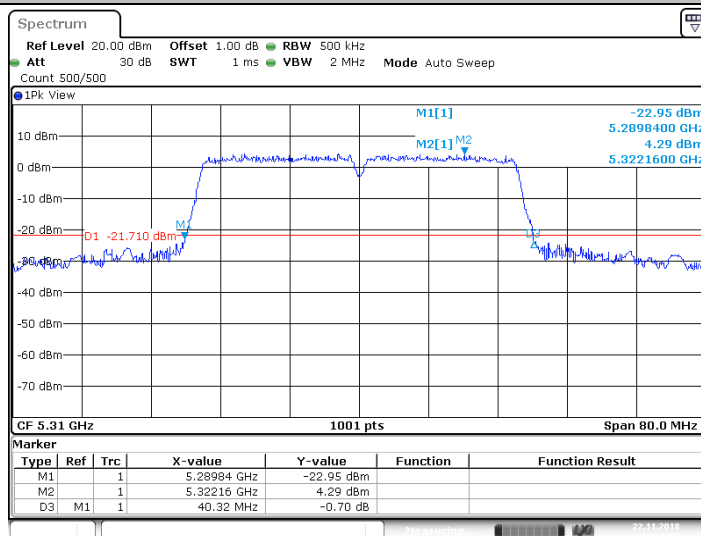
Date: 22.11.2018 10:06:25

11N40MIMO_Ant1_5310



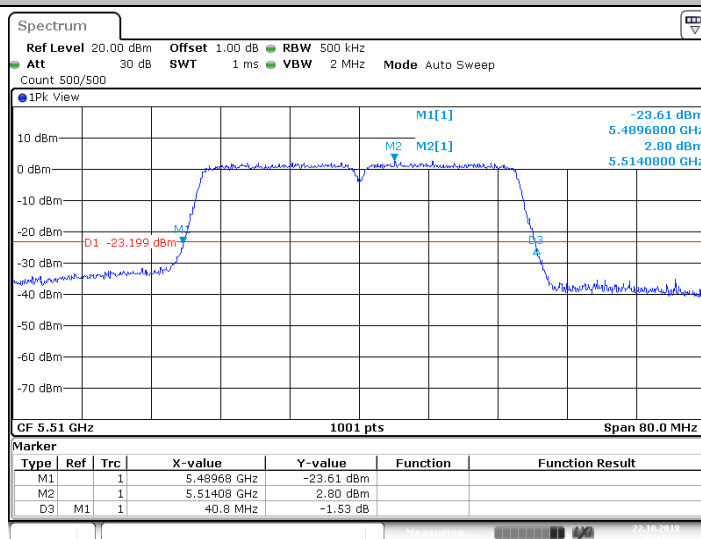
Date: 22 OCT 2018 20:11:47

11N40MIMO_Ant2_5310



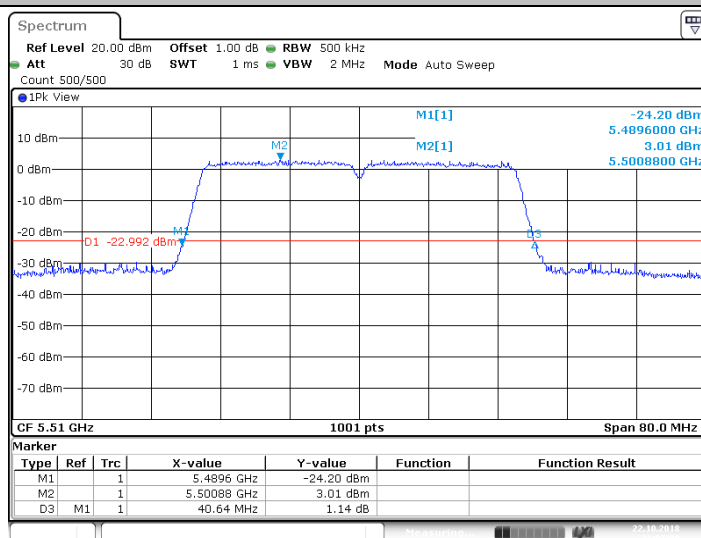
Date: 22 NOV 2018 10:10:03

11N40MIMO_Ant1_5510



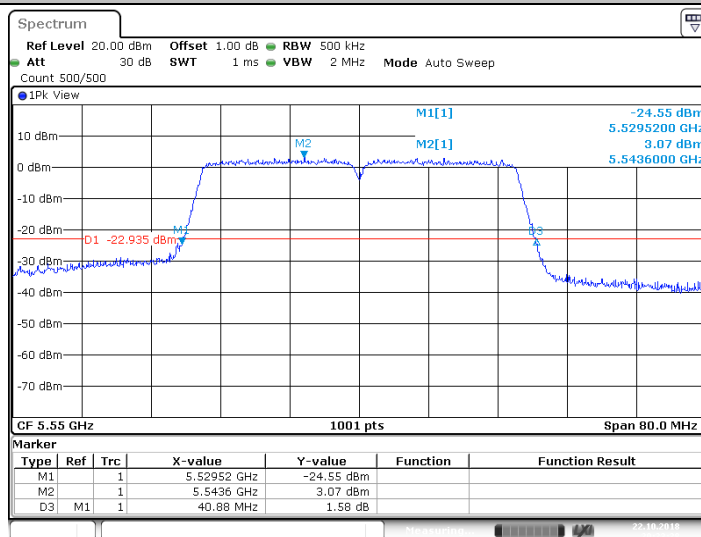
Date: 22.0 CT.2018 20:17:26

11N40MIMO_Ant2_5510



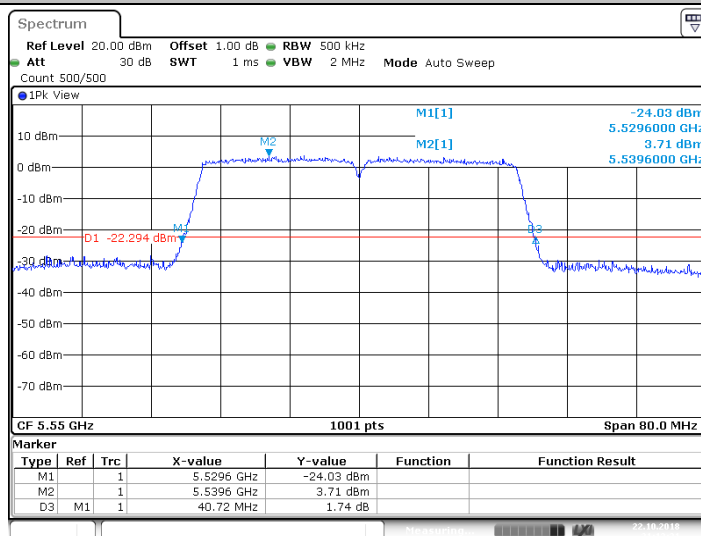
Date: 22.0 CT.2018 21:07:09

11N40MIMO_Ant1_5550



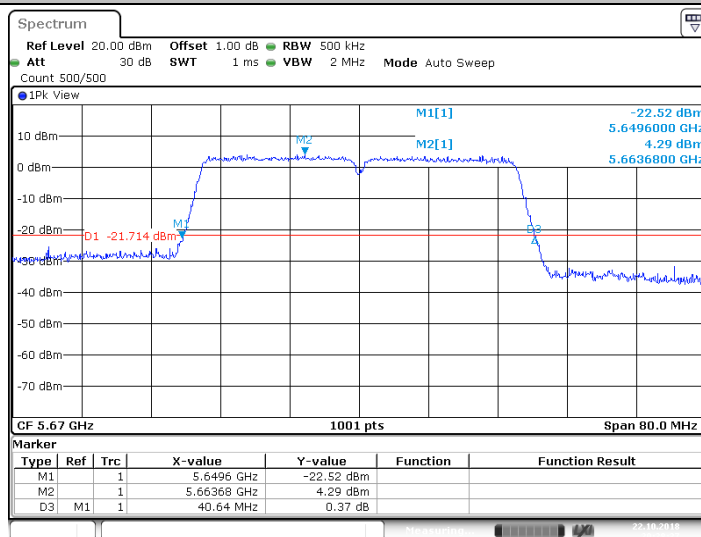
Date: 22.0 CT.2018 20:23:29

11N40MIMO_Ant2_5550



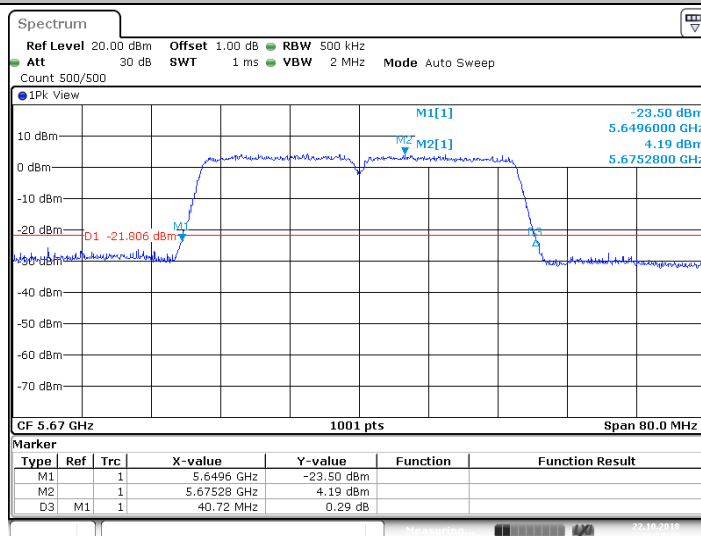
Date: 22.0 CT.2018 21:12:31

11N40MIMO_Ant1_5670



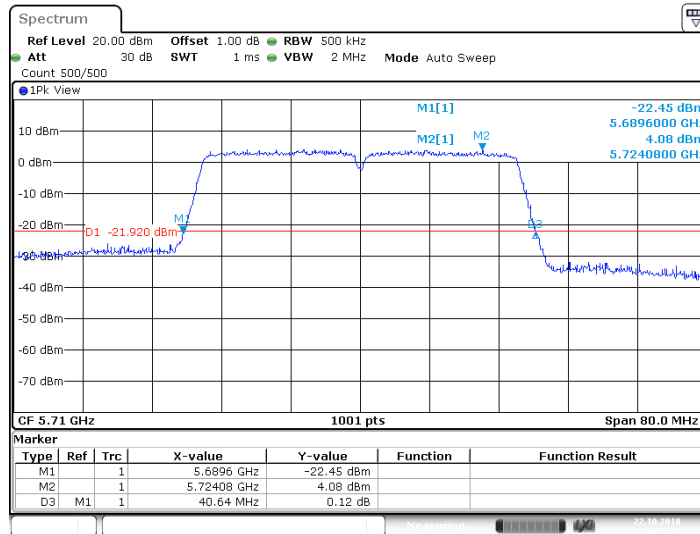
Date: 22.0 CT 2018 20:28:37

11N40MIMO_Ant2_5670



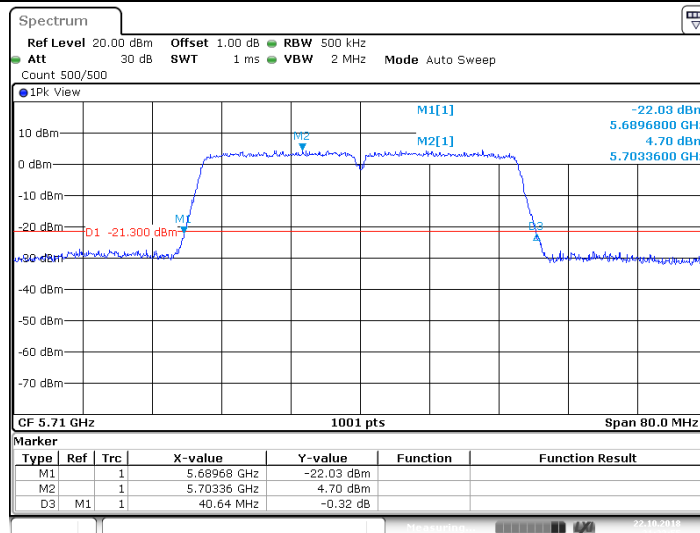
Date: 22.0 CT 2018 21:17:38

11N40MIMO_Ant1_5710



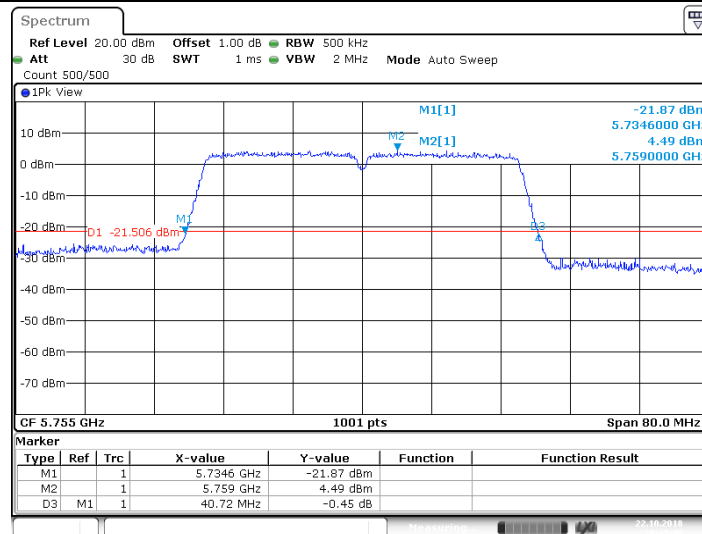
Date: 22.0 CT 2018 20:35:32

11N40MIMO_Ant2_5710



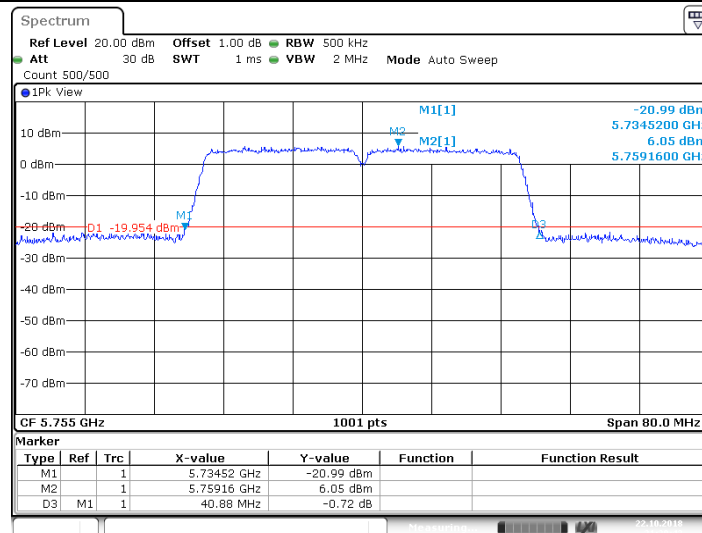
Date: 22.0 CT 2018 21:23:55

11N40MIMO_Ant1_5755



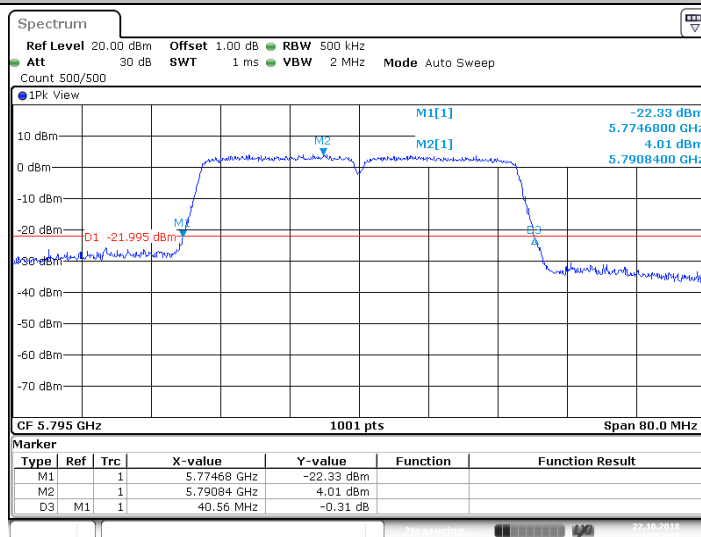
Date: 22.0 CT 2018 20:47:39

11N40MIMO_Ant2_5755



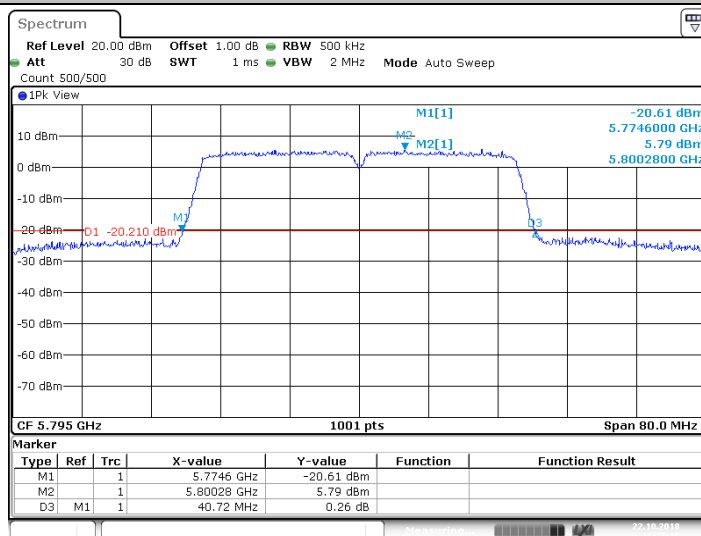
Date: 22.0 CT 2018 21:29:43

11N40MIMO_Ant1_5795



Date: 22.0 CT 2018 20:53:37

11N40MIMO_Ant2_5795



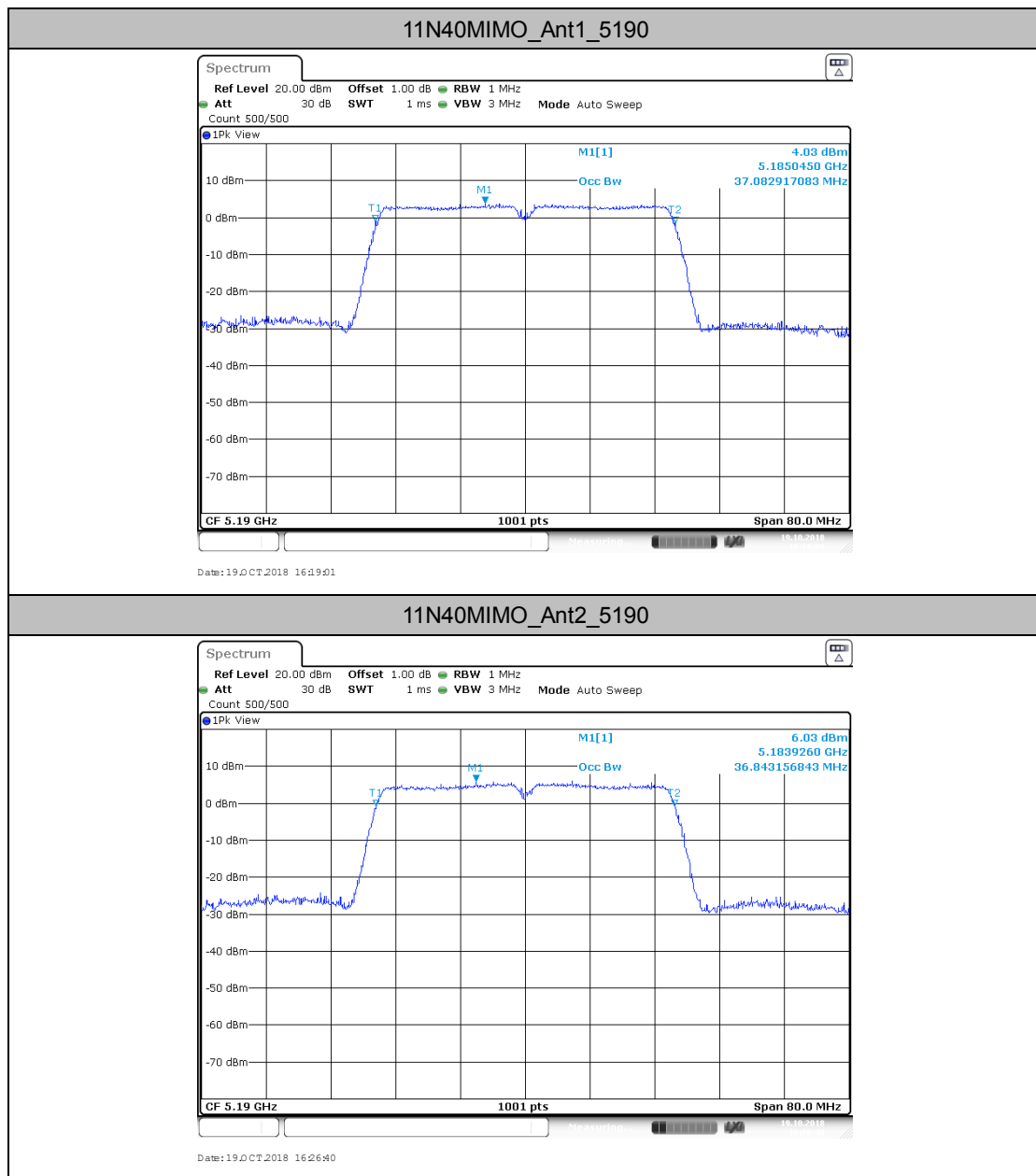
Date: 22.0 CT 2018 21:35:36

Appendix C2: Occupied channel bandwidth

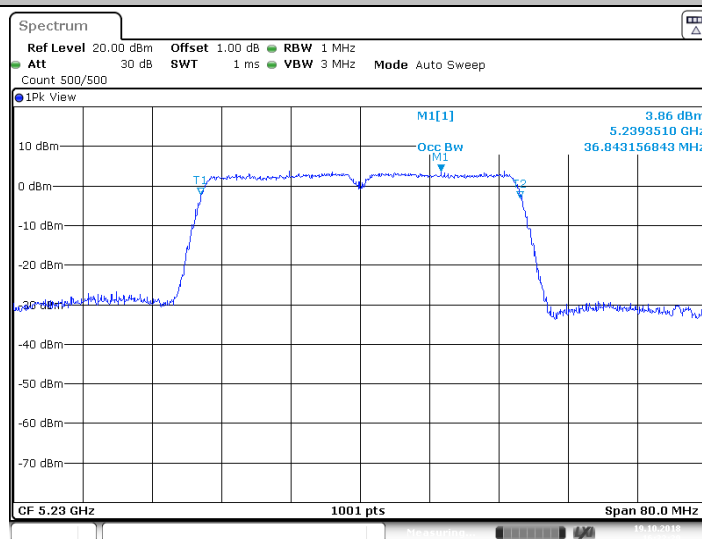
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N40MIMO	Ant1	5190	37.083	5171.459	5208.541	---	PASS
	Ant2	5190	36.843	5171.618	5208.462	---	PASS
	Ant1	5230	36.843	5211.618	5248.462	---	PASS
	Ant2	5230	36.763	5211.698	5248.462	---	PASS
	Ant1	5270	37.003	5251.538	5288.541	---	PASS
	Ant2	5270	37.003	5251.538	5288.541	---	PASS
	Ant1	5310	37.003	5291.538	5328.541	---	PASS
	Ant2	5310	36.923	5291.618	5328.541	---	PASS
	Ant1	5510	36.923	5491.538	5528.462	---	PASS
	Ant2	5510	36.923	5491.538	5528.462	---	PASS
	Ant1	5550	36.843	5531.538	5568.382	---	PASS
	Ant2	5550	36.923	5531.538	5568.462	---	PASS
	Ant1	5670	36.923	5651.459	5688.382	---	PASS
	Ant2	5670	36.923	5651.459	5688.382	---	PASS
	Ant1	5710	36.923	5691.538	5728.462	---	PASS
	Ant2	5710	36.923	5691.538	5728.462	---	PASS
	Ant1	5710_UNII-2C	33.462	5691.538	5725	---	PASS
	Ant2	5710_UNII-2C	33.462	5691.538	5725	---	PASS
	Ant1	5710_UNII-3	3.462	5725	5728.462	---	PASS
	Ant2	5710_UNII-3	3.462	5725	5728.462	---	PASS
	Ant1	5755	37.003	5736.459	5773.462	---	PASS
	Ant2	5755	37.083	5736.459	5773.541	---	PASS
	Ant1	5795	36.843	5776.538	5813.382	---	PASS
	Ant2	5795	36.923	5776.538	5813.462	---	PASS

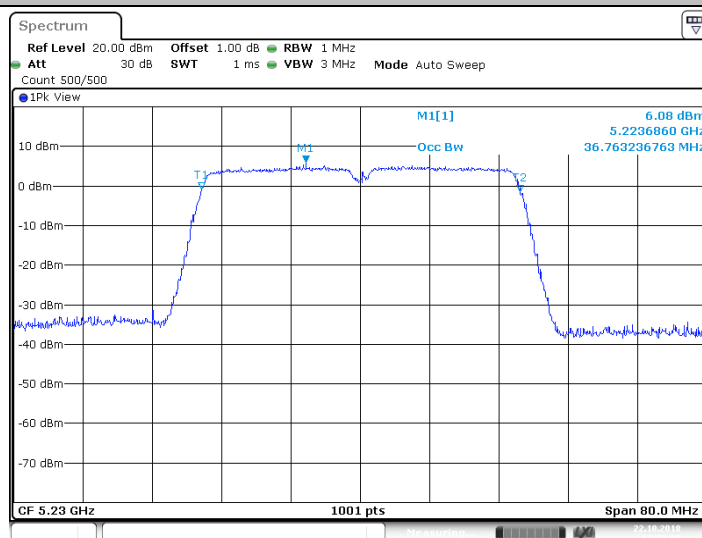
Test Graphs



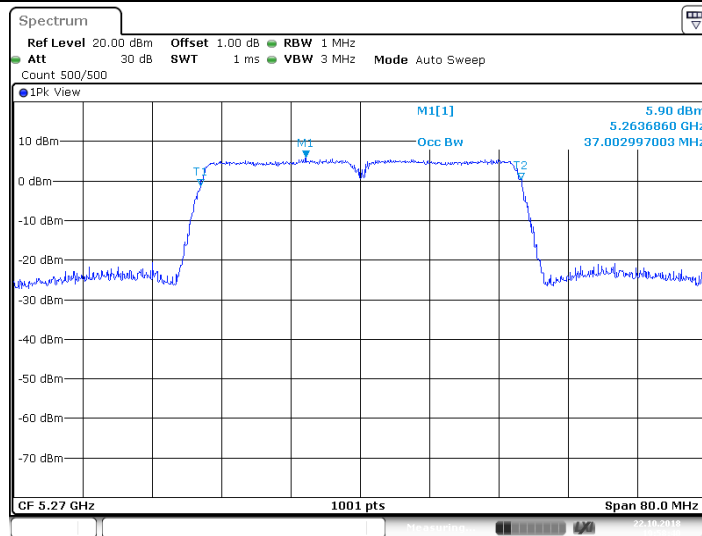
11N40MIMO_Ant1_5230



11N40MIMO_Ant2_5230

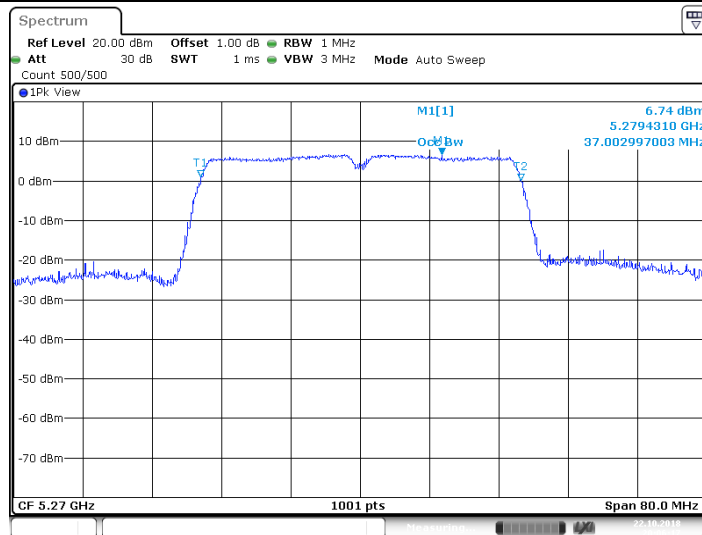


11N40MIMO_Ant1_5270



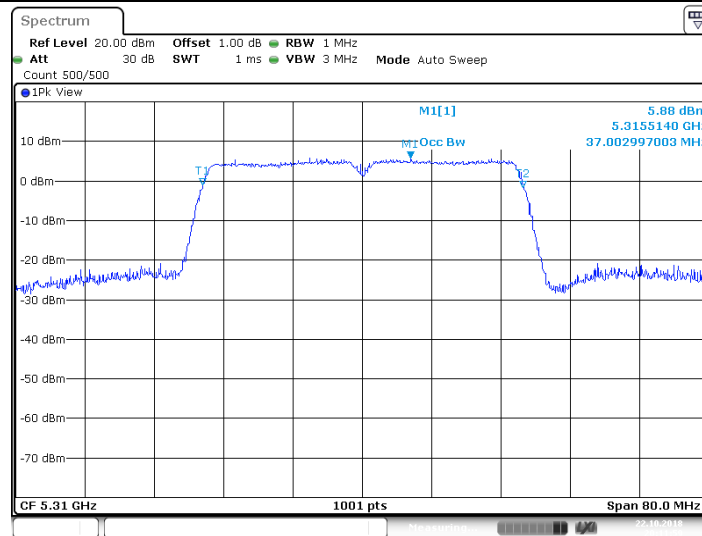
Date: 22.0 CT 2018 19:58:40

11N40MIMO_Ant2_5270

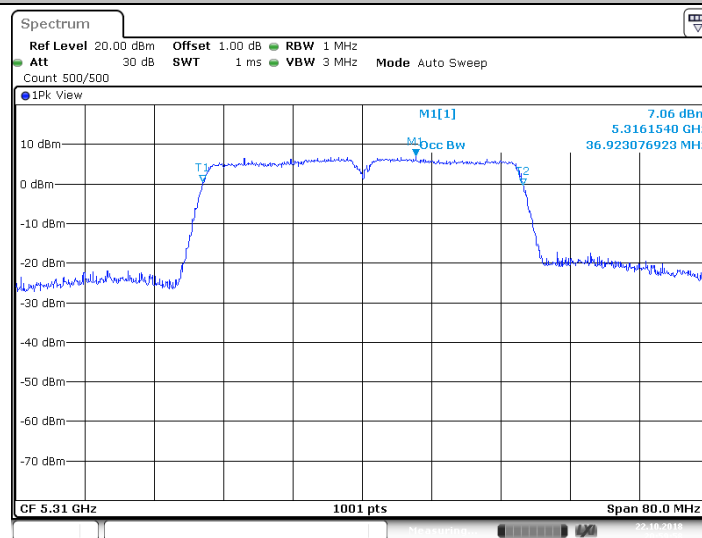


Date: 22.0 CT 2018 20:06:17

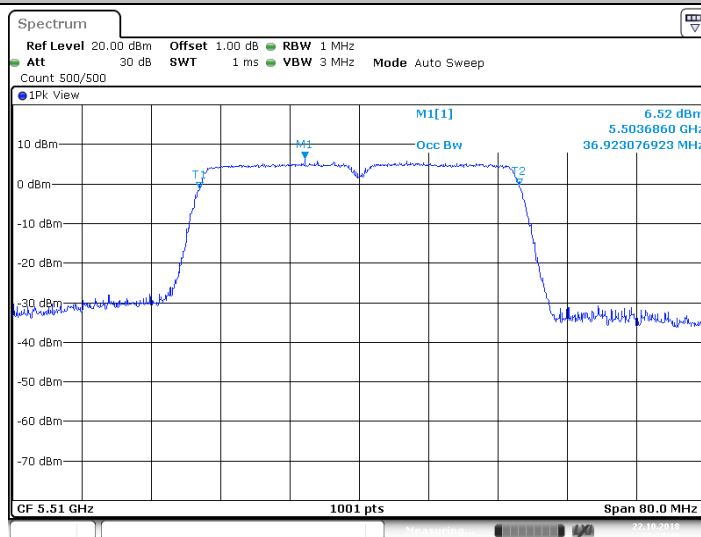
11N40MIMO_Ant1_5310



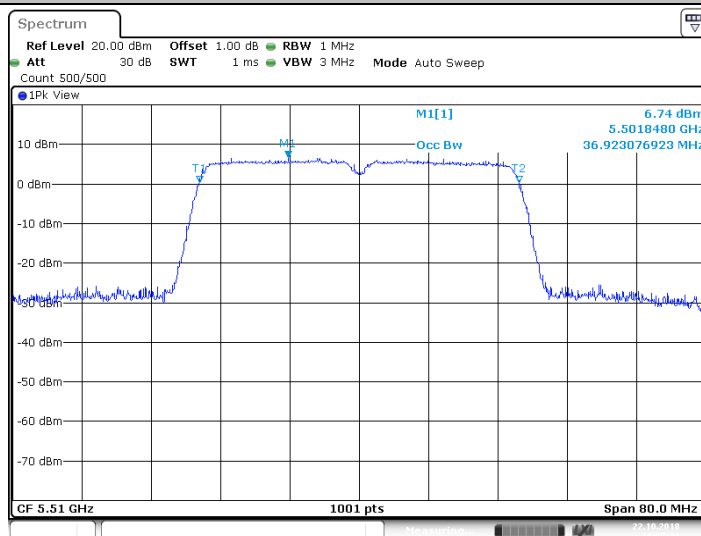
11N40MIMO_Ant2_5310



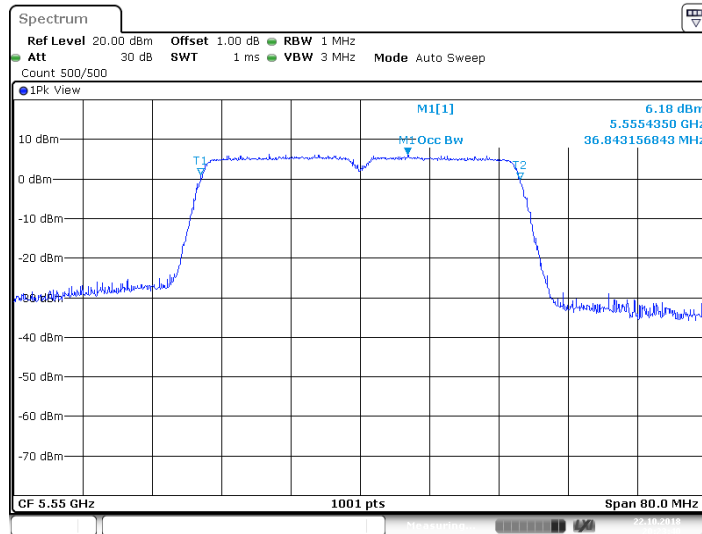
11N40MIMO_Ant1_5510



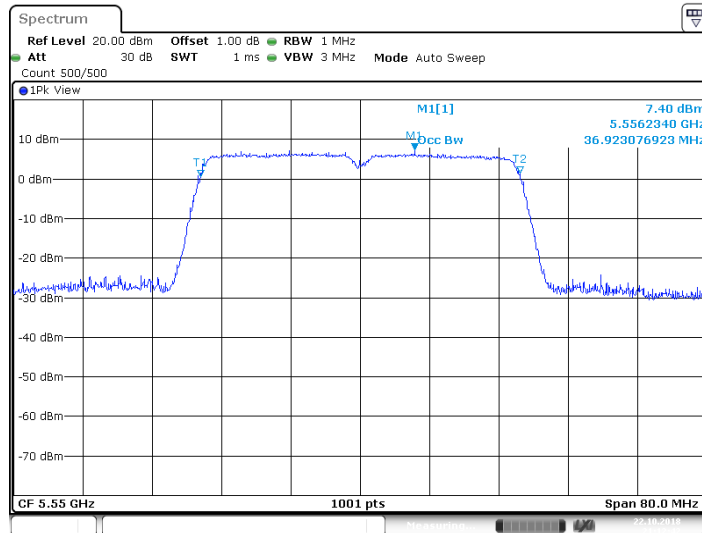
11N40MIMO_Ant2_5510



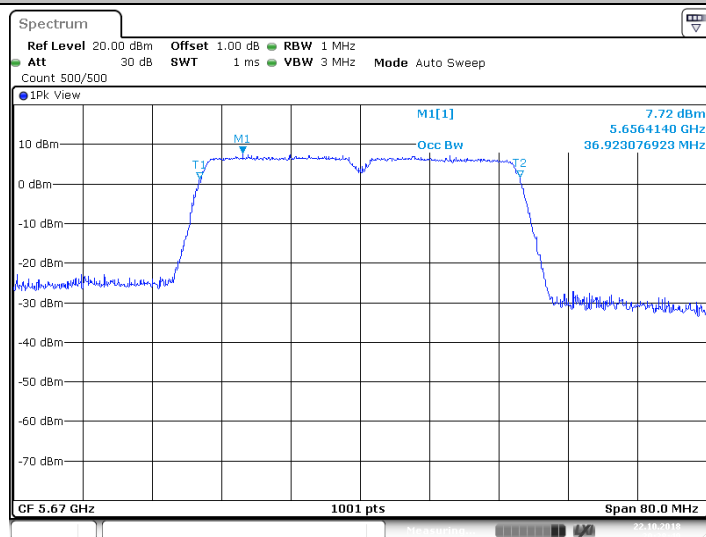
11N40MIMO_Ant1_5550



11N40MIMO_Ant2_5550

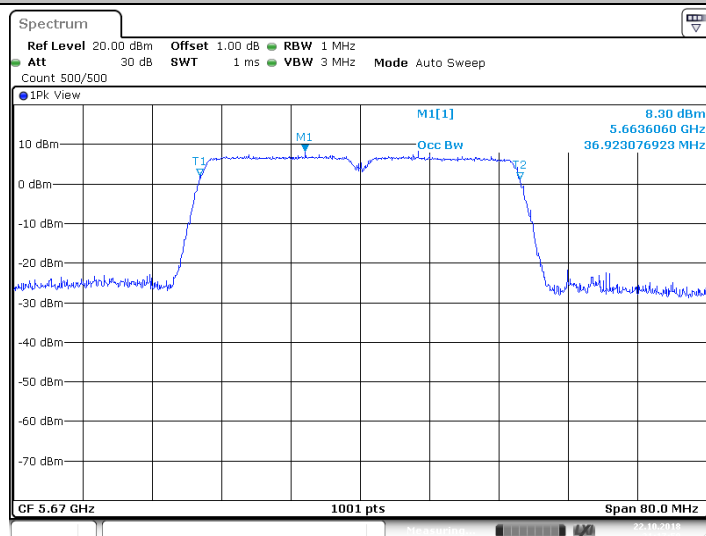


11N40MIMO_Ant1_5670



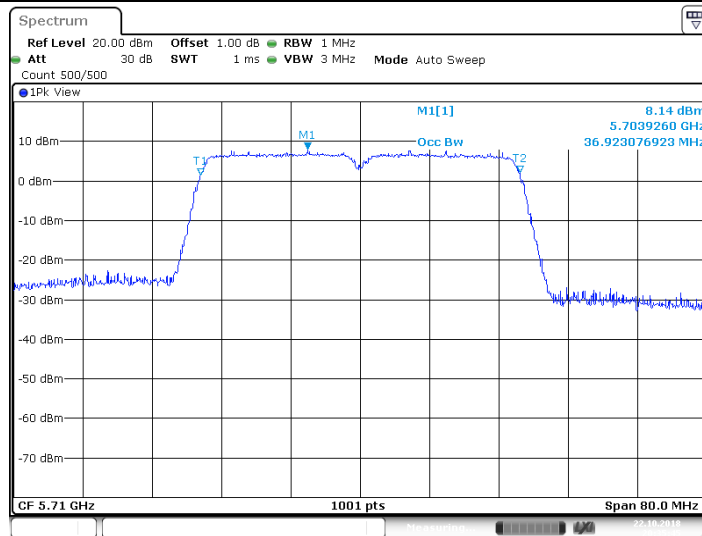
Date: 22.0 CT 2018 20:28:49

11N40MIMO_Ant2_5670



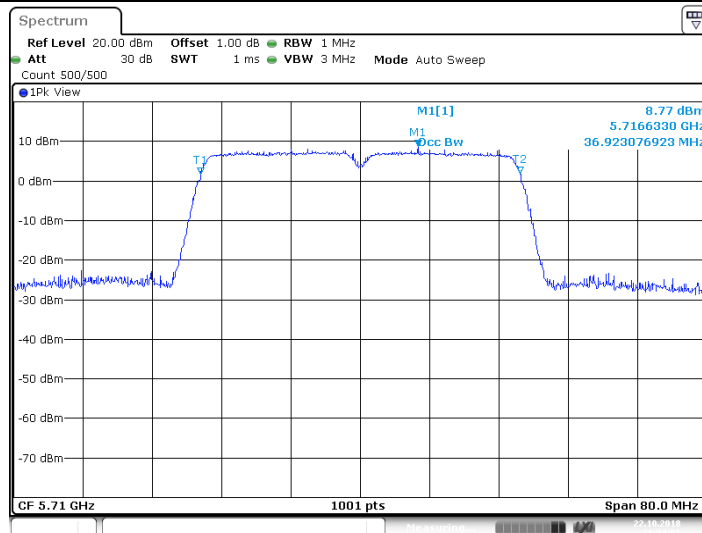
Date: 22.0 CT 2018 21:17:50

11N40MIMO_Ant1_5710



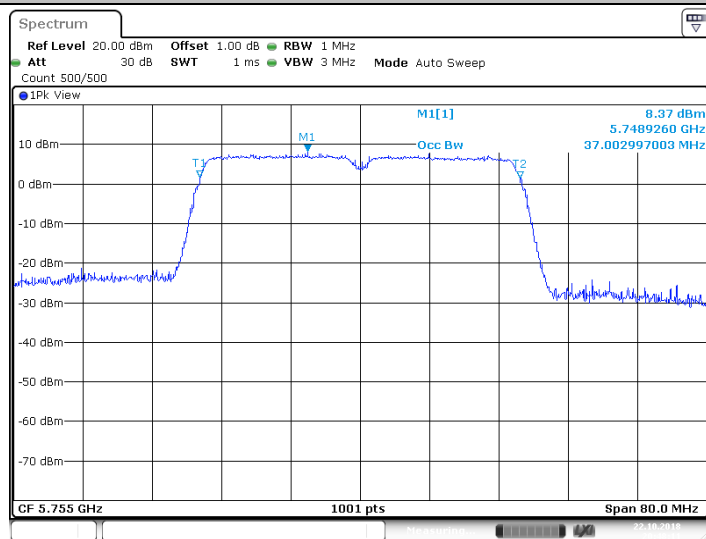
Date: 22.0 CT 2018 20:35:44

11N40MIMO_Ant2_5710



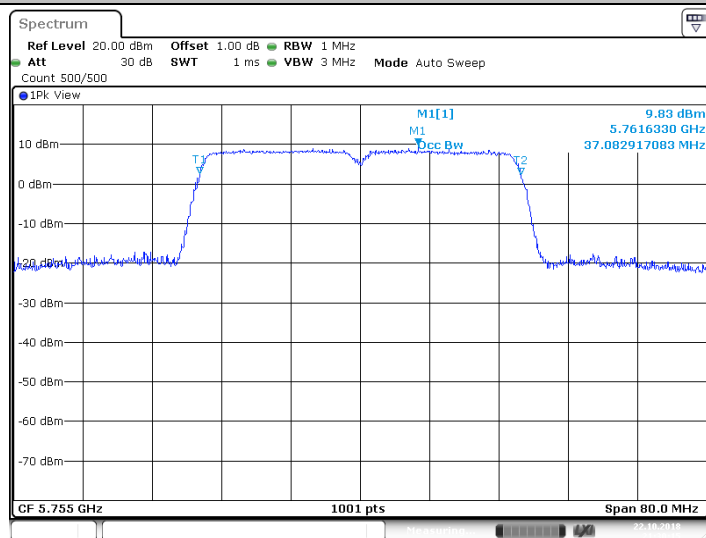
Date: 22.0 CT 2018 21:24:07

11N40MIMO_Ant1_5755



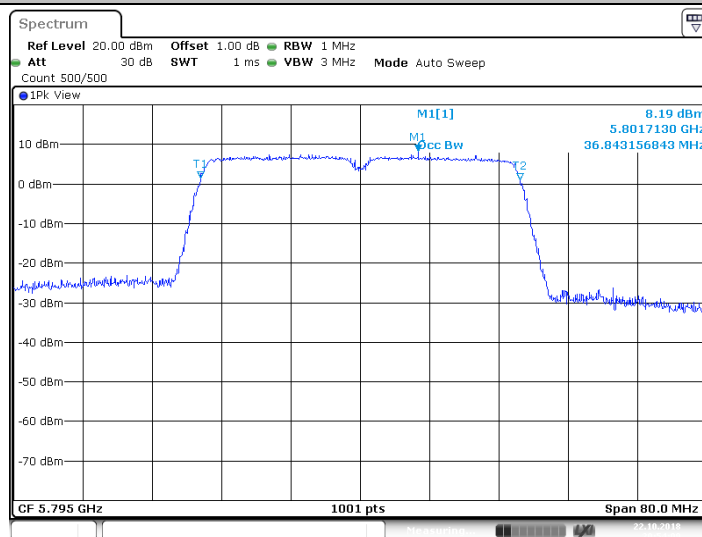
Date: 22.0 CT 2018 20:48:11

11N40MIMO_Ant2_5755



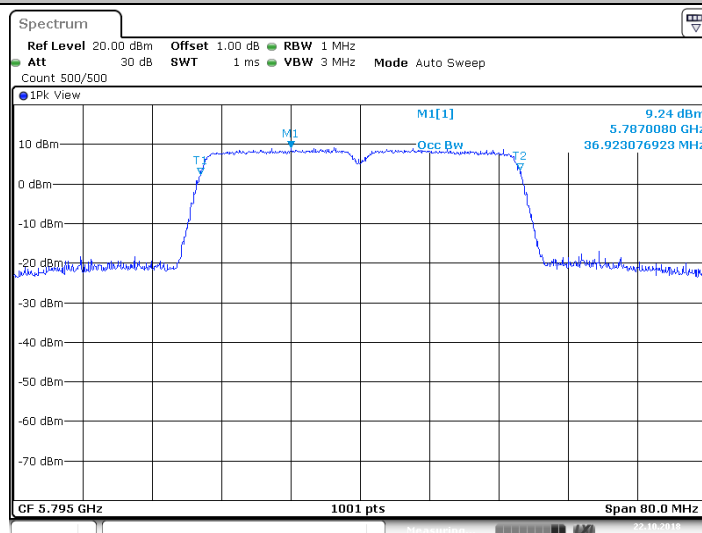
Date: 22.0 CT 2018 21:30:15

11N40MIMO_Ant1_5795



Date: 22.0 CT 2018 20:54:09

11N40MIMO_Ant2_5795



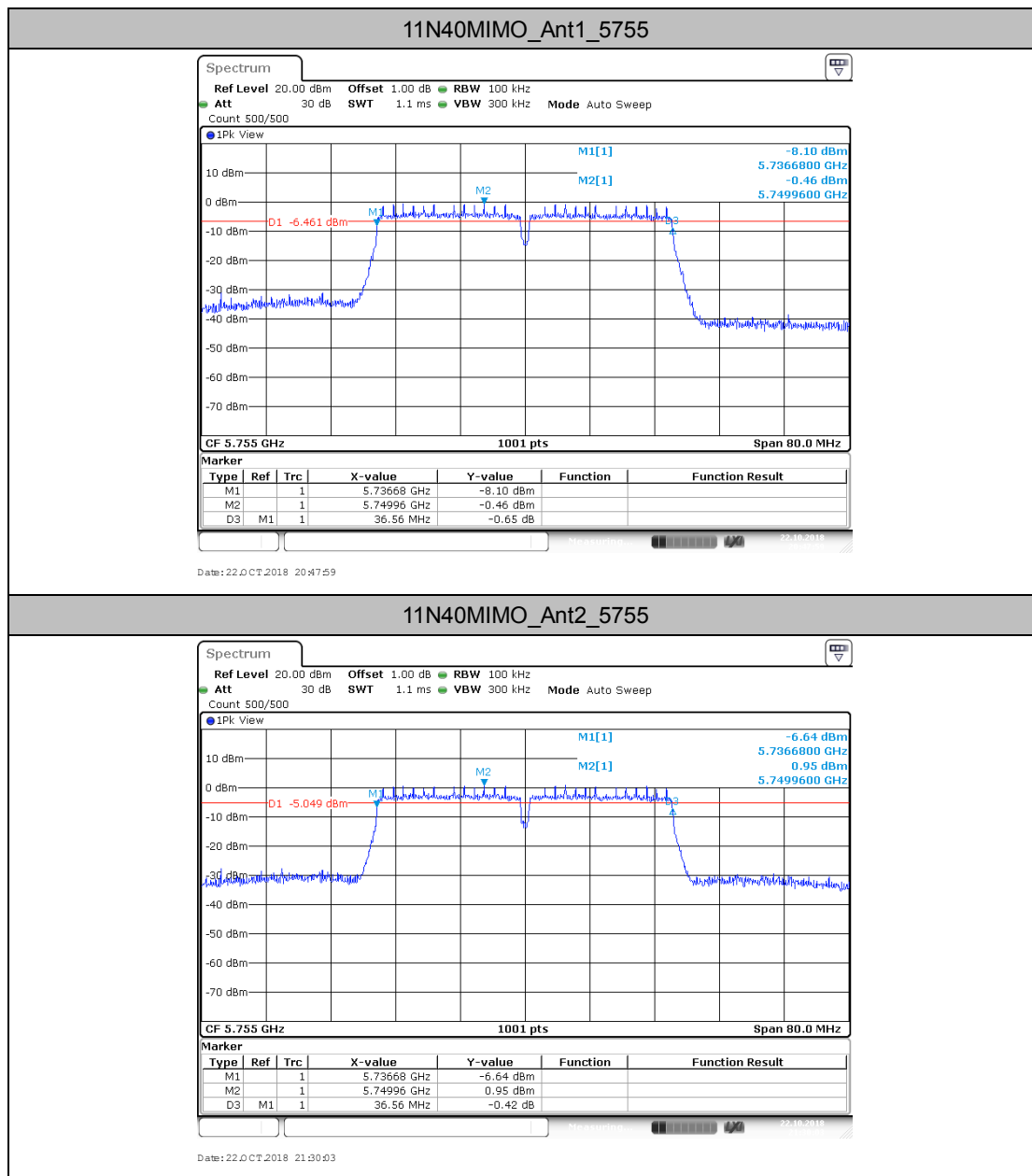
Date: 22.0 CT 2018 21:36:08

Appendix C3: Min emission bandwidth

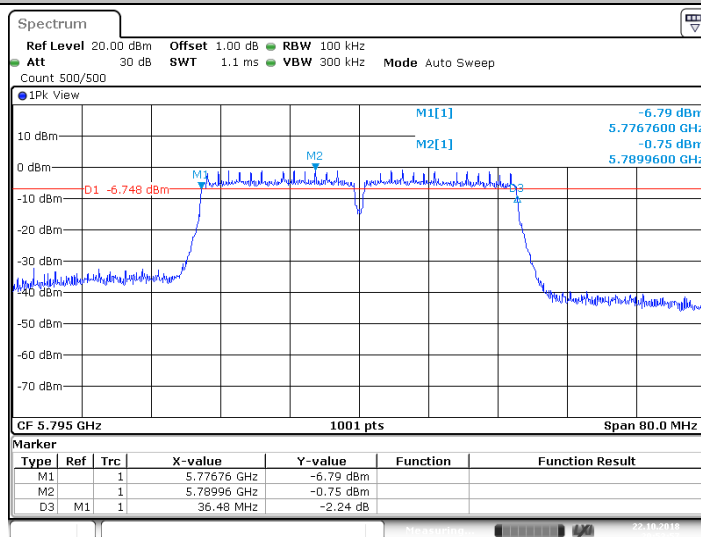
Test Result

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11N40MIMO	Ant1	5755	36.560	5736.680	5773.240	0.5	PASS
	Ant2	5755	36.560	5736.680	5773.240	0.5	PASS
	Ant1	5795	36.480	5776.760	5813.240	0.5	PASS
	Ant2	5795	36.480	5776.760	5813.240	0.5	PASS

Test Graphs

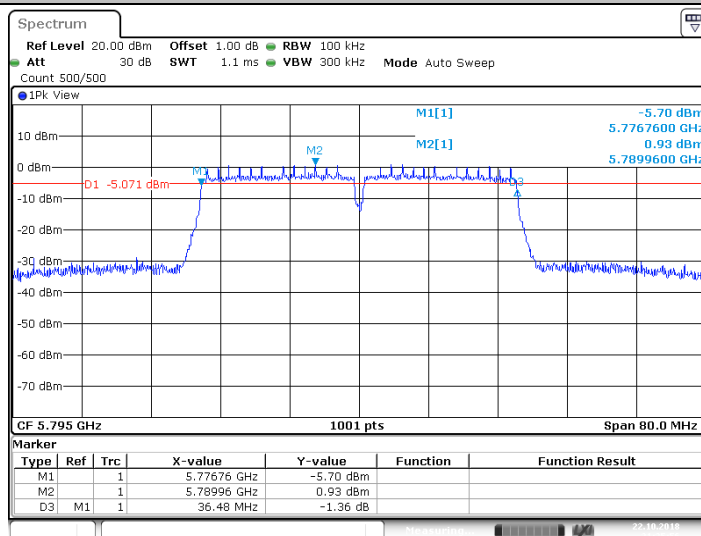


11N40MIMO_Ant1_5795



Date: 22.0 CT 2018 20:53:57

11N40MIMO_Ant2_5795



Date: 22.0 CT 2018 21:35:56

Appendix C4: Maximum conducted output power

Test Result

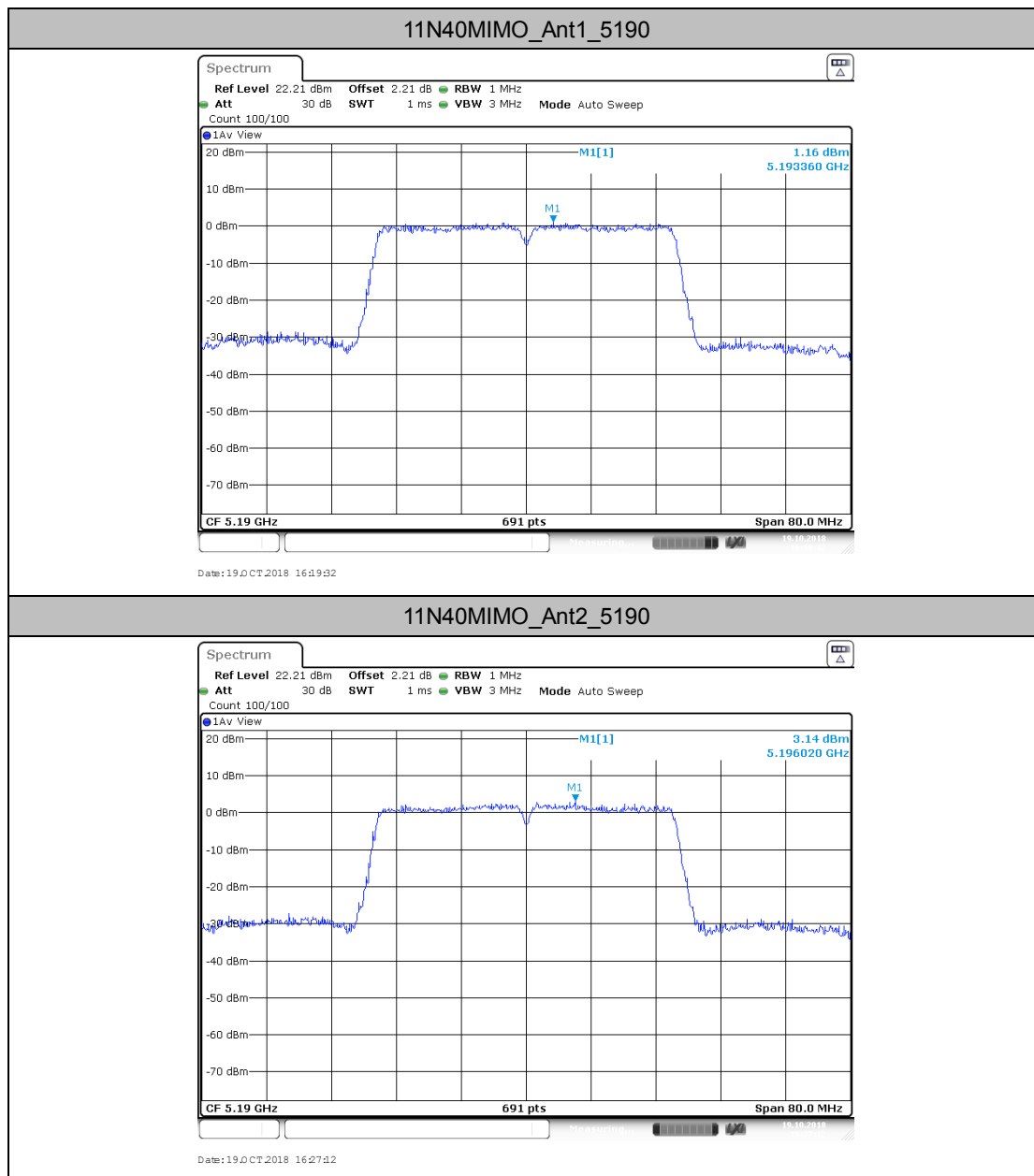
TestMode	Antenna	Channel	Result	Limit	Verdict
11N40MIMO	Ant1	5190	11.90	23.98	PASS
	Ant2	5190	13.40	23.98	PASS
	total	5190	15.72	23.98	PASS
	Ant1	5230	9.50	23.98	PASS
	Ant2	5230	12.30	23.98	PASS
	total	5230	14.13	23.98	PASS
	Ant1	5270	14.00	23.98	PASS
	Ant2	5270	14.70	23.98	PASS
	total	5270	17.37	23.98	PASS
	Ant1	5310	13.10	23.98	PASS
	Ant2	5310	14.10	23.98	PASS
	total	5310	16.64	23.98	PASS
	Ant1	5510	12.60	23.98	PASS
	Ant2	5510	13.50	23.98	PASS
	total	5510	16.08	23.98	PASS
	Ant1	5550	12.50	23.98	PASS
	Ant2	5550	13.90	23.98	PASS
	total	5550	16.27	23.98	PASS
	Ant1	5670	15.30	23.98	PASS
	Ant2	5670	14.60	23.98	PASS
	total	5670	17.97	23.98	PASS
	Ant1	5710	15.50	30	PASS
	Ant2	5710	15.30	30	PASS
	total	5710	18.41	30	PASS
	Ant1	5755	15.30	30	PASS
	Ant2	5755	16.30	30	PASS
	total	5755	18.84	30	PASS
	Ant1	5795	15.30	30	PASS
	Ant2	5795	16.00	30	PASS
	total	5795	18.67	30	PASS

Appendix C5: Maximum power spectral density

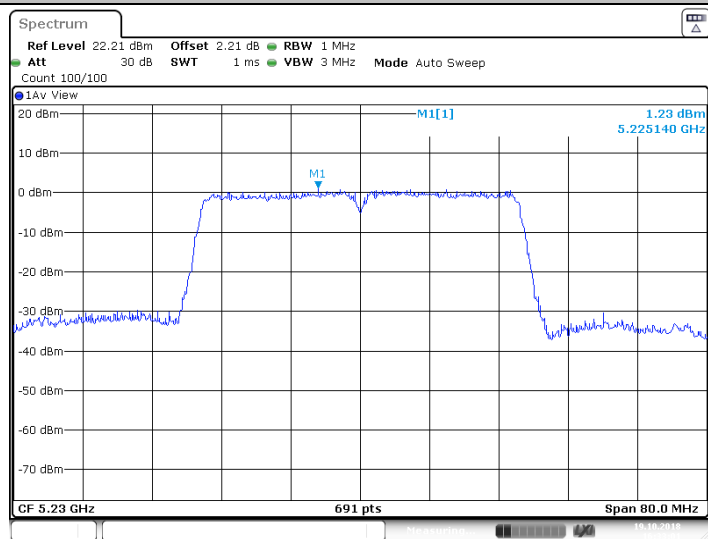
Test Result

TestMode	Antenna	Channel	Result	Limit	Verdict
11N40MIMO	Ant1	5190	1.16	11	PASS
	Ant2	5190	3.14	11	PASS
	total	5190	5.27	11	PASS
	Ant1	5230	1.23	11	PASS
	Ant2	5230	2.6	11	PASS
	total	5230	4.98	11	PASS
	Ant1	5270	3.05	11	PASS
	Ant2	5270	4.13	11	PASS
	total	5270	6.63	11	PASS
	Ant1	5310	3.24	11	PASS
	Ant2	5310	4.25	11	PASS
	total	5310	6.78	11	PASS
	Ant1	5510	3.1	11	PASS
	Ant2	5510	4.12	11	PASS
	total	5510	6.65	11	PASS
	Ant1	5550	3.69	11	PASS
	Ant2	5550	4.12	11	PASS
	total	5550	6.92	11	PASS
	Ant1	5670	4.53	11	PASS
	Ant2	5670	5.49	11	PASS
	total	5670	8.05	11	PASS
	Ant1	5710_UNII-2C	4.81	11	PASS
	Ant2	5710_UNII-2C	5.33	11	PASS
	total	5710_UNII-2C	8.09	11	PASS
	Ant1	5710_UNII-3	2.45	11	PASS
	Ant2	5710_UNII-3	3.47	11	PASS
	total	5710_UNII-3	6.00	11	PASS
	Ant1	5755	3.91	30	PASS
	Ant2	5755	5.29	30	PASS
	total	5755	7.66	30	PASS
	Ant1	5795	3.83	30	PASS
	Ant2	5795	5.12	30	PASS
	total	5795	7.53	30	PASS

Test Graphs

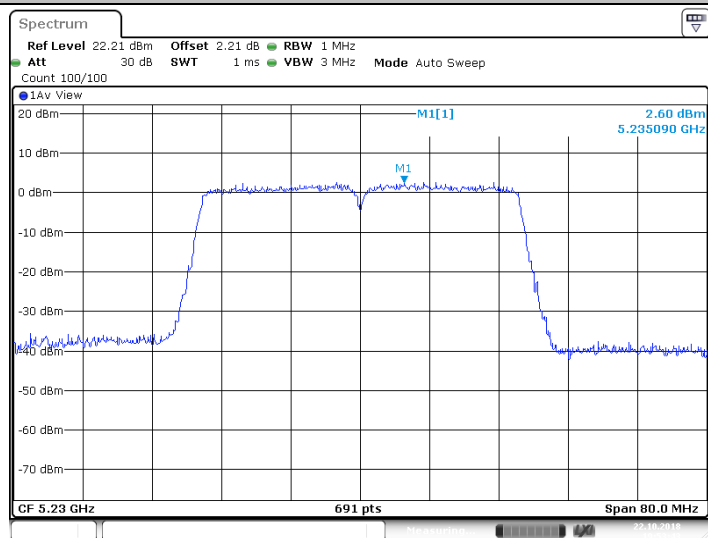


11N40MIMO_Ant1_5230



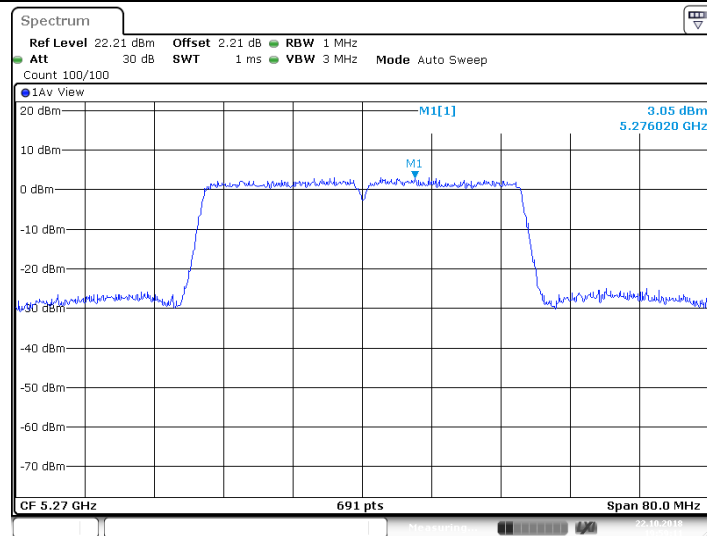
Date:19.0 CT 2018 16:33:01

11N40MIMO_Ant2_5230



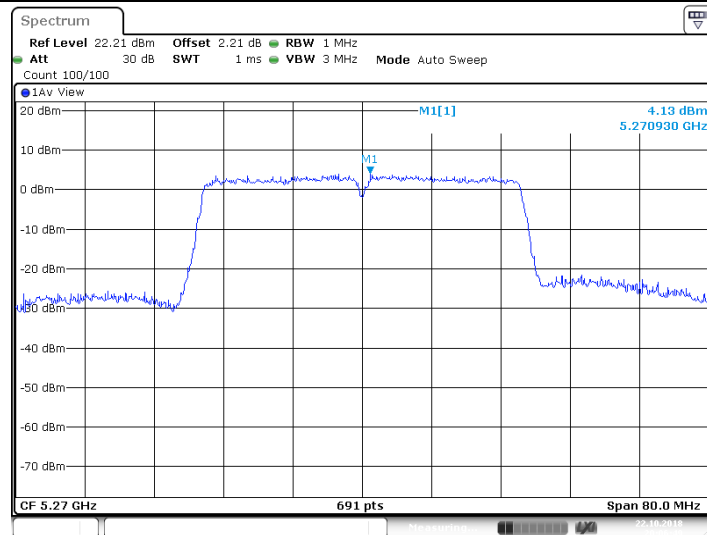
Date:22.0 CT 2018 19:53:43

11N40MIMO_Ant1_5270



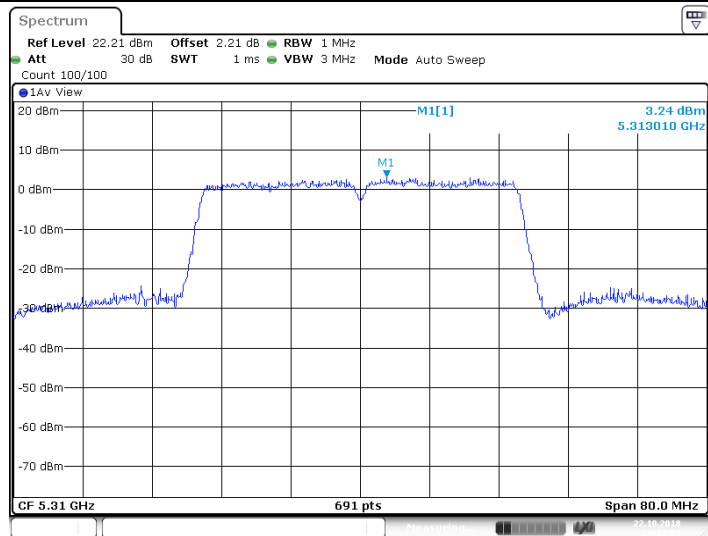
Date: 22.0 CT 2018 19:59:11

11N40MIMO_Ant2_5270



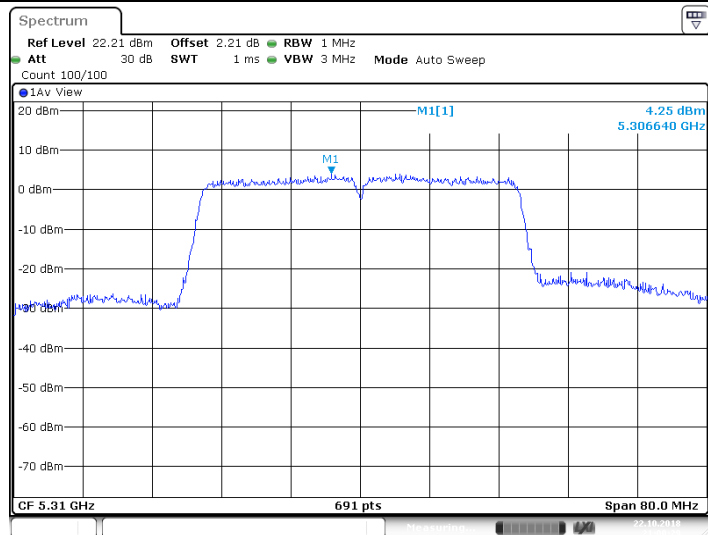
Date: 22.0 CT 2018 20:06:49

11N40MIMO_Ant1_5310



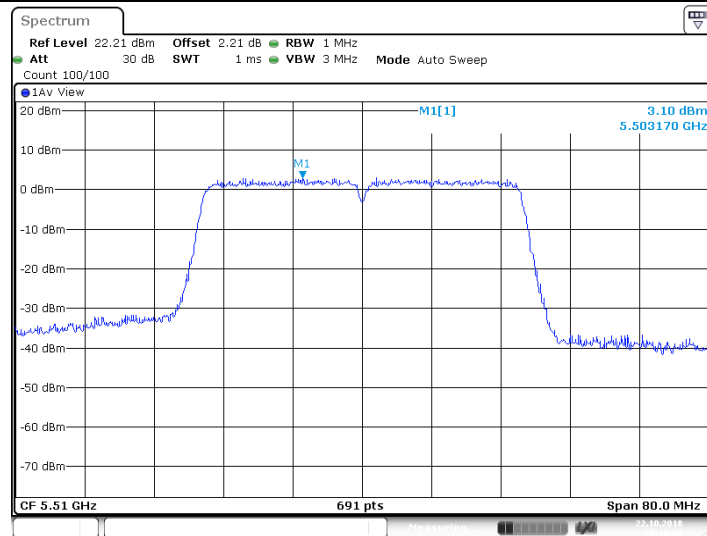
Date: 22.0 CT 2018 20:12:30

11N40MIMO_Ant2_5310



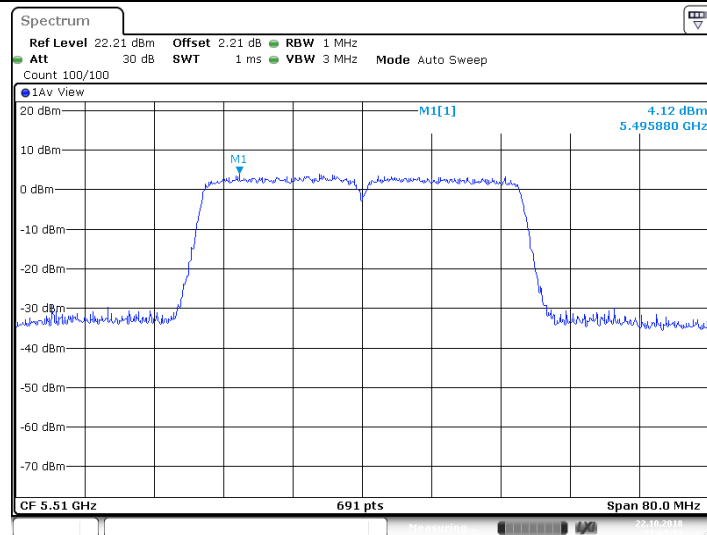
Date: 22.0 CT 2018 21:00:30

11N40MIMO_Ant1_5510



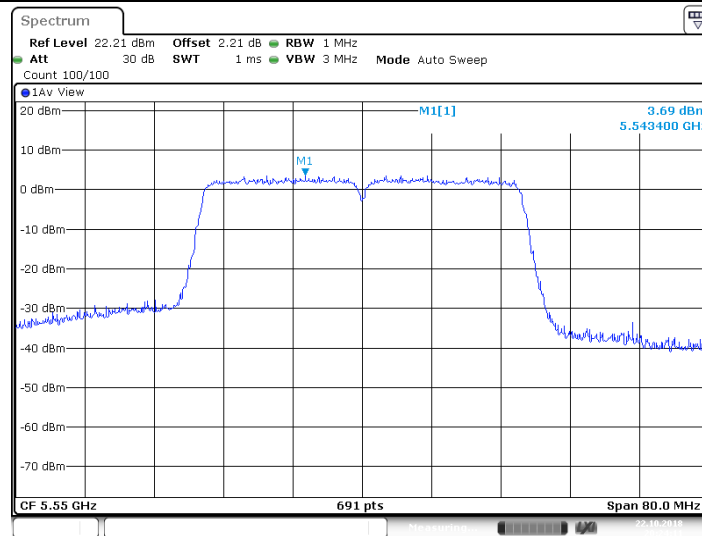
Date: 22.0 CT 2018 20:18:09

11N40MIMO_Ant2_5510



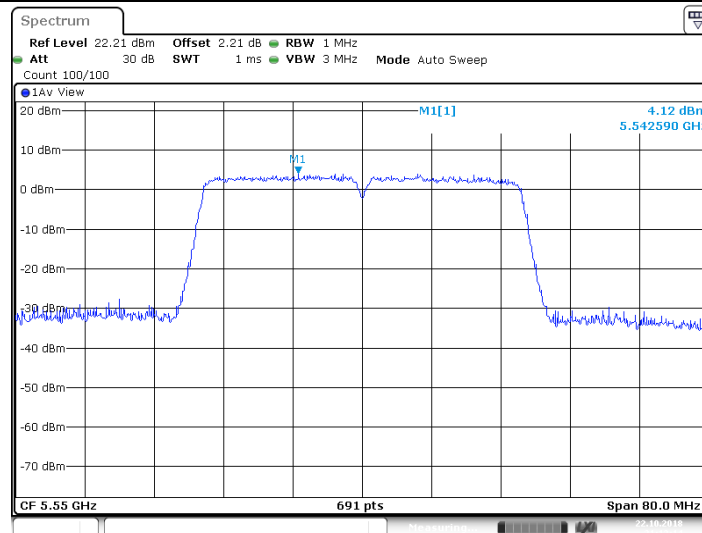
Date: 22.0 CT 2018 21:07:53

11N40MIMO_Ant1_5550



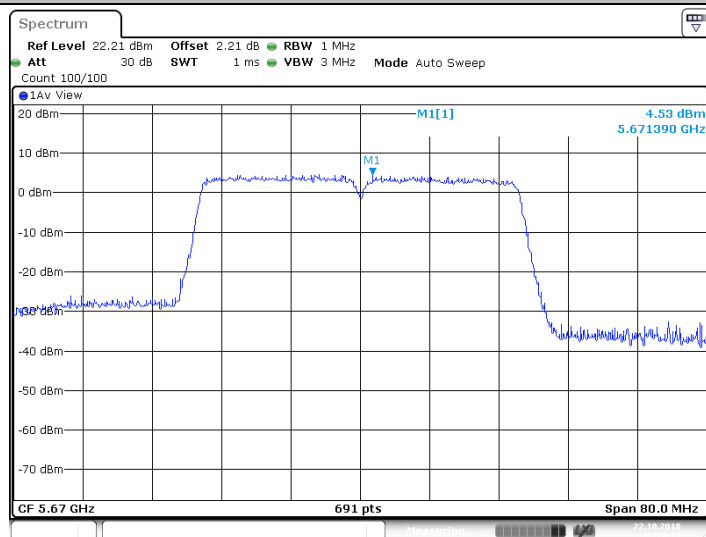
Date: 22.07.2018 20:24:12

11N40MIMO_Ant2_5550



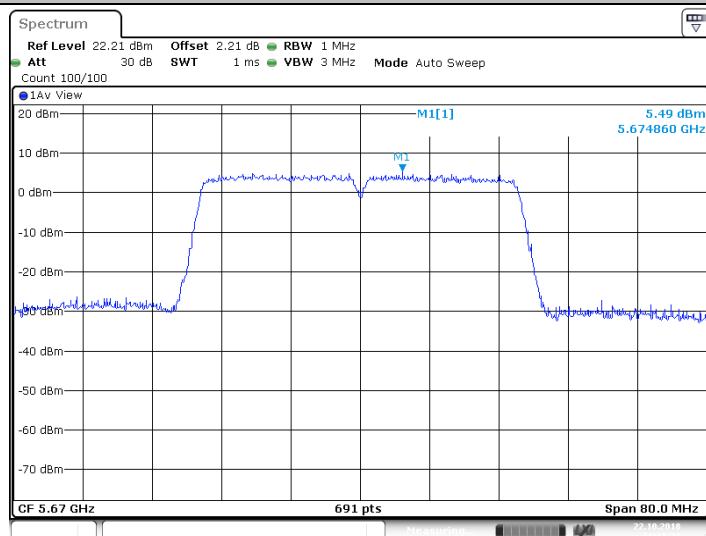
Date: 22.07.2018 21:13:15

11N40MIMO_Ant1_5670



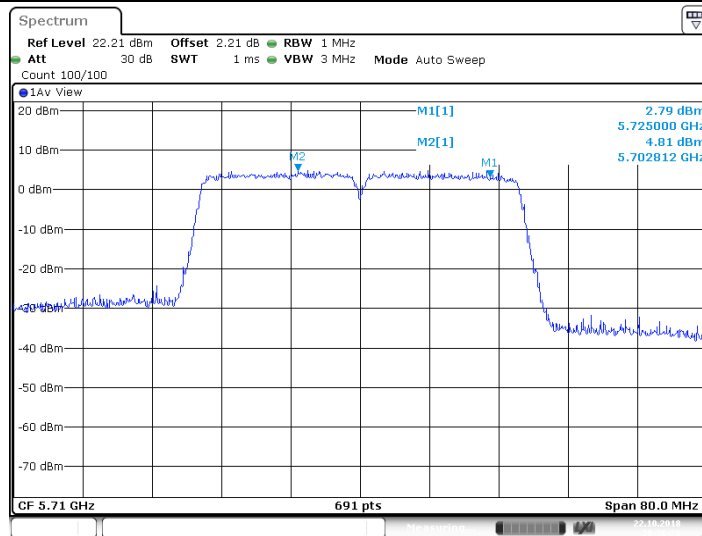
Date: 22.0 CT 2018 20:29:20

11N40MIMO_Ant2_5670

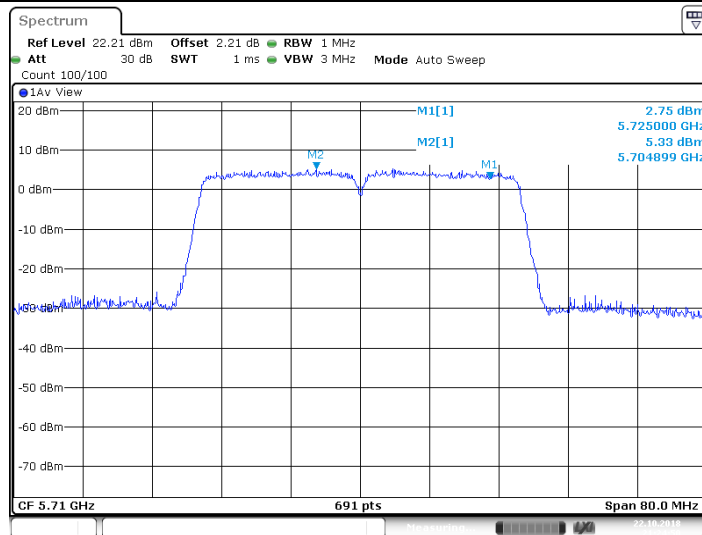


Date: 22.0 CT 2018 21:18:21

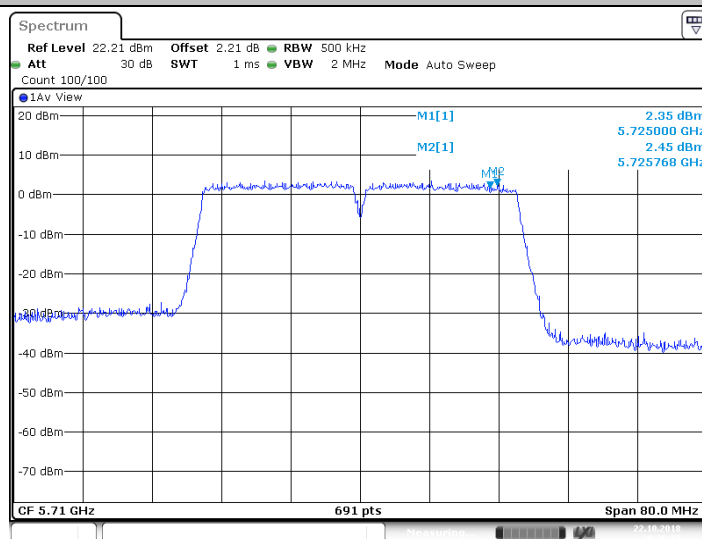
11N40MIMO_Ant1_5710_UNII-2C



11N40MIMO_Ant2_5710_UNII-2C

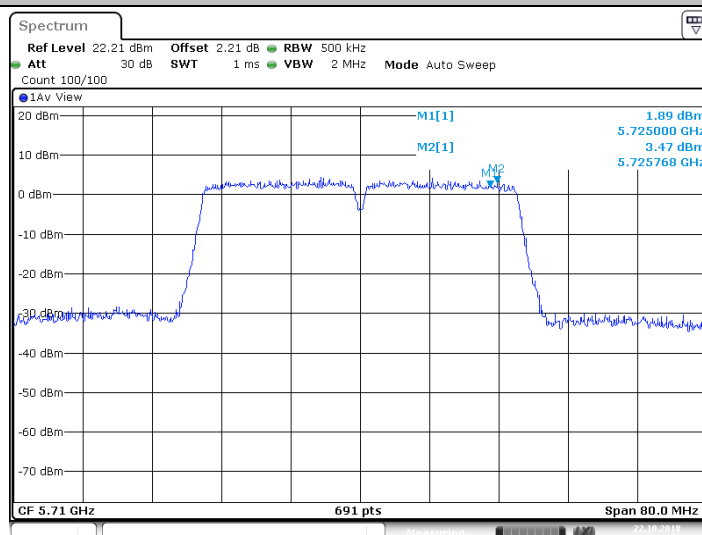


11N40MIMO_Ant1_5710_UNII-3



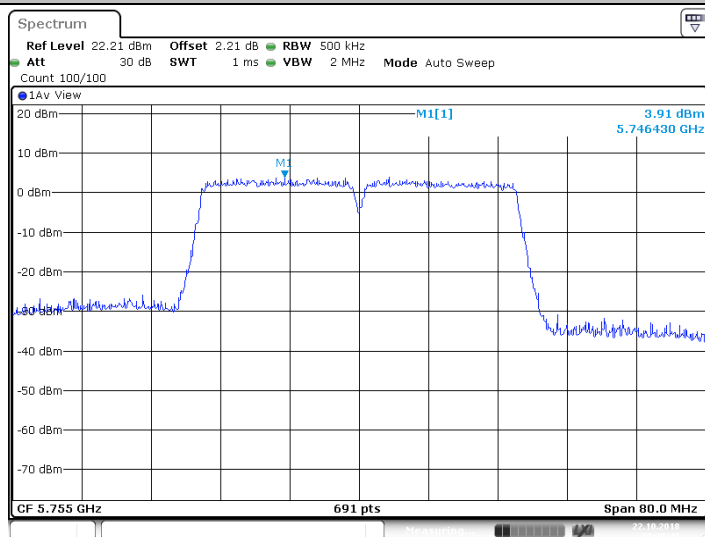
Date: 22.0 CT 2018 20:36:33

11N40MIMO_Ant2_5710_UNII-3



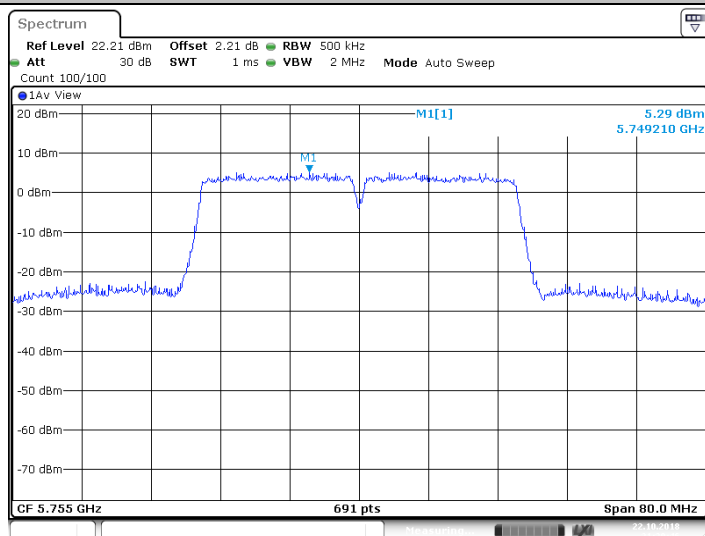
Date: 22.0 CT 2018 21:24:57

11N40MIMO_Ant1_5755



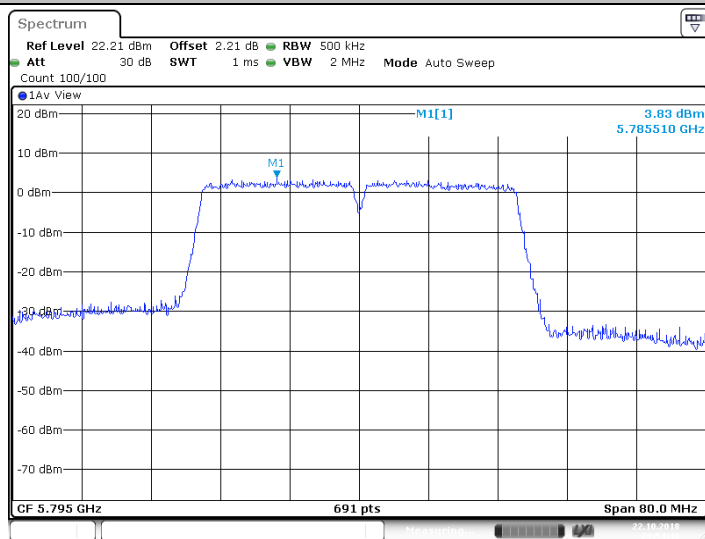
Date: 22.0 CT 2018 20:48:42

11N40MIMO_Ant2_5755



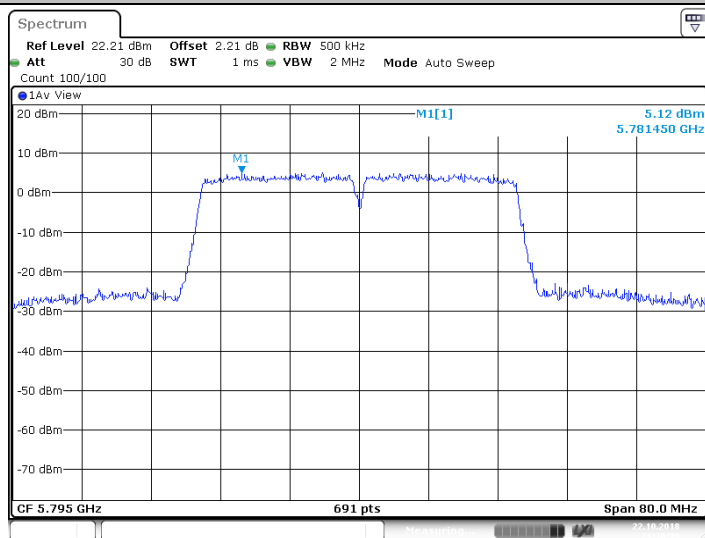
Date: 22.0 CT 2018 21:30:47

11N40MIMO_Ant1_5795



Date: 22.0 CT 2018 20:54:40

11N40MIMO_Ant2_5795



Date: 22.0 CT 2018 21:36:40

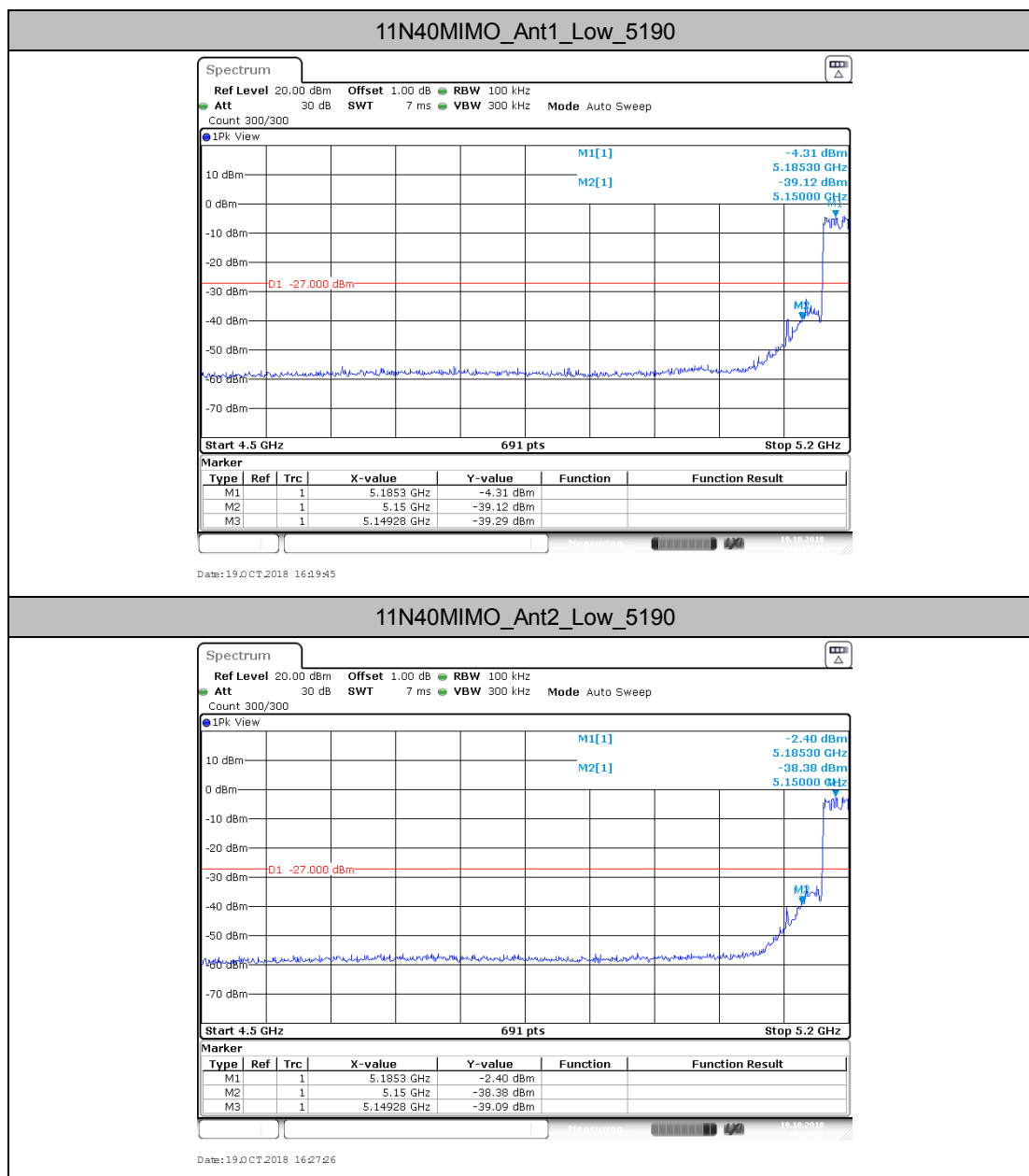
Appendix C6: Band edge measurements

Test Result

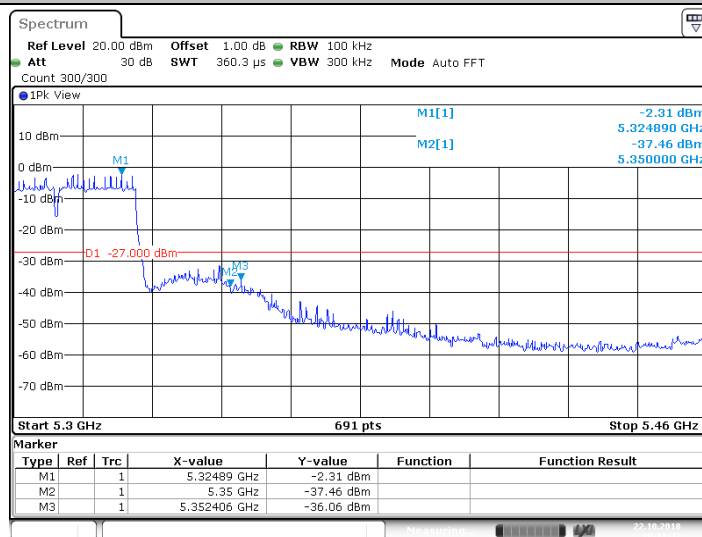
TestMode	Antenna	ChName	Channel	Result	Limit	Verdict
11N40MIMO	Ant1	Low	5190	-39.29	-27	PASS
	Ant2	Low	5190	-39.09	-27	PASS
	Ant1	High	5310	-36.06	-27	PASS
	Ant2	High	5310	-36.39	-27	PASS
	Ant1	Low	5510	-41.97	-27	PASS
	Ant2	Low	5510	-40.22	-27	PASS
	Ant1	High	5670	-48.42	-27	PASS
	Ant2	High	5670	-46.16	-27	PASS
	Ant1	Low	5710	-55.25	-27	PASS
	Ant2	Low	5710	-55.49	-27	PASS
	Ant1	High	5710	-54.54	-27	PASS
	Ant2	High	5710	-55.81	-27	PASS

TestMode	Antenna	ChName	Channel	FreqRange	Result	Limit	Verdict
11N40MI MO	Ant1	Low	5755	5650~5700	-41.53	8.97	PASS
		Low	5755	5700~5720	-31.56	14.87	PASS
		Low	5755	5720~5725	-33.99	21.25	PASS
		Low	5755	5780~5650	-54.08	-27	PASS
	Ant2	Low	5755	5650~5700	-41.58	8.97	PASS
		Low	5755	5700~5720	-27.66	14.87	PASS
		Low	5755	5720~5725	-29.51	21.25	PASS
		Low	5755	5780~5650	-52.08	-27	PASS
	Ant1	High	5795	5850~5855	-50.83	26.75	PASS
		High	5795	5855~5875	-48.19	14.86	PASS
		High	5795	5875~5925	-52.49	-21.53	PASS
		High	5795	5925~5935	-57.15	-27	PASS
	Ant2	High	5795	5850~5855	-46.9	19.67	PASS
		High	5795	5855~5875	-44.41	12.78	PASS
		High	5795	5875~5925	-47.15	-17.81	PASS
		High	5795	5925~5935	-56.56	-27	PASS

Test Graphs

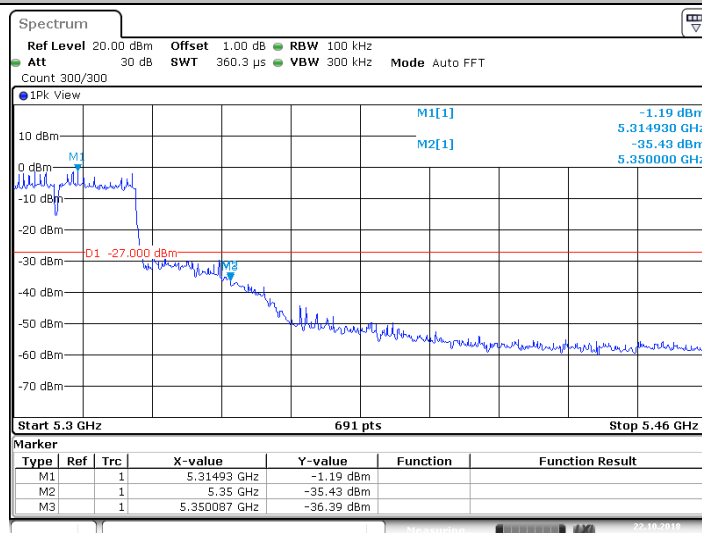


11N40MIMO_Ant1_High_5310



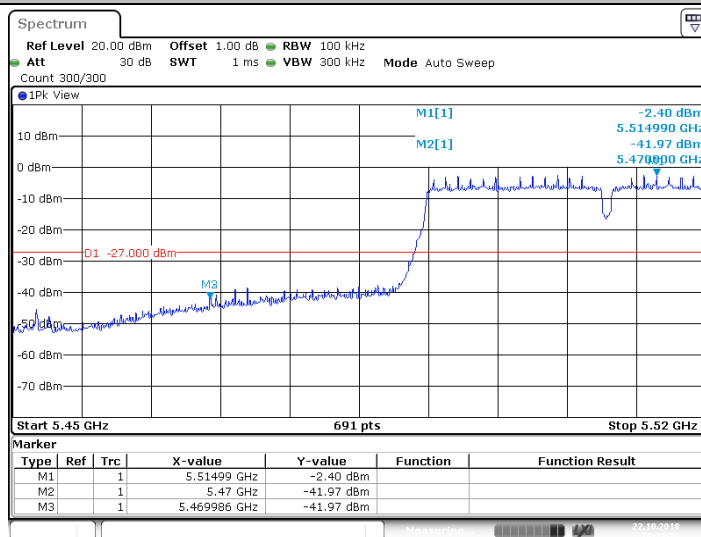
Date: 22.0 CT 2018 20:12:43

11N40MIMO_Ant2_High_5310



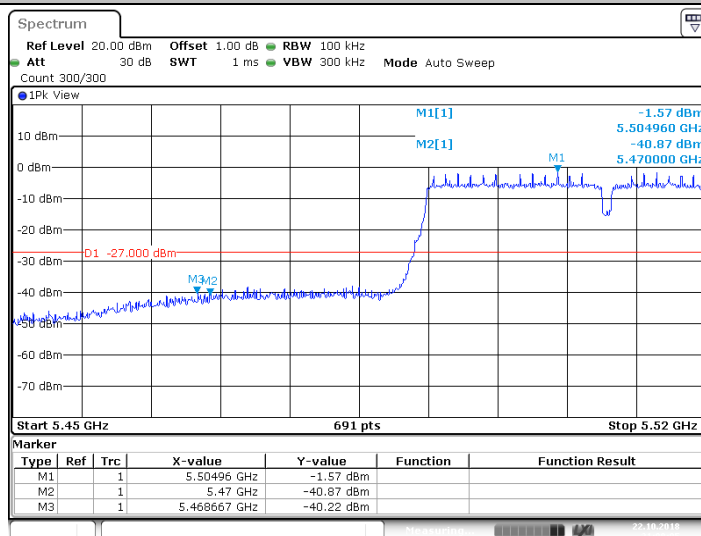
Date: 22.0 CT 2018 21:40:43

11N40MIMO_Ant1_Low_5510



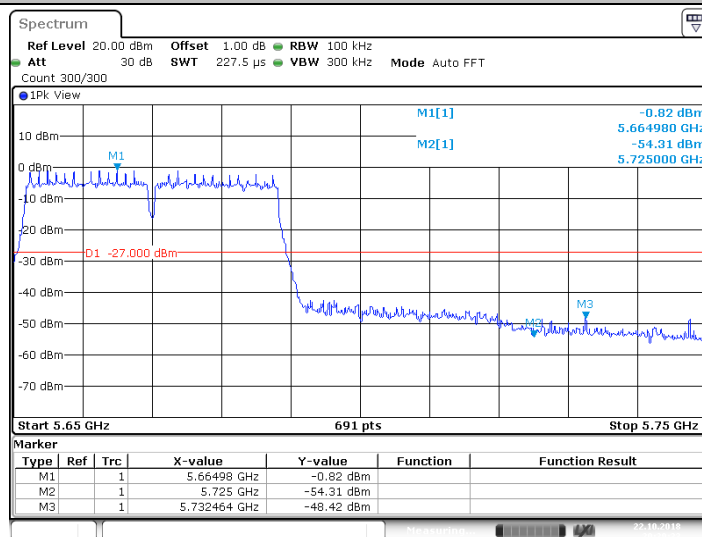
Date: 22.0 CT 2018 20:18:22

11N40MIMO_Ant2_Low_5510



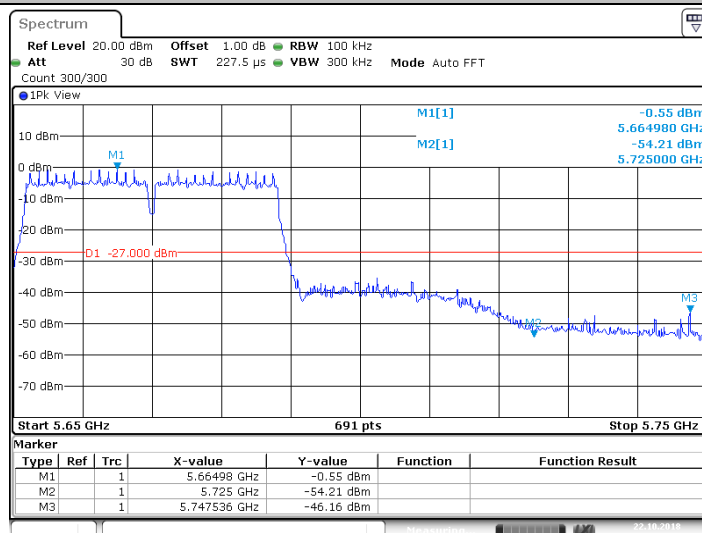
Date: 22.0 CT 2018 21:08:06

11N40MIMO_Ant1_High_5670



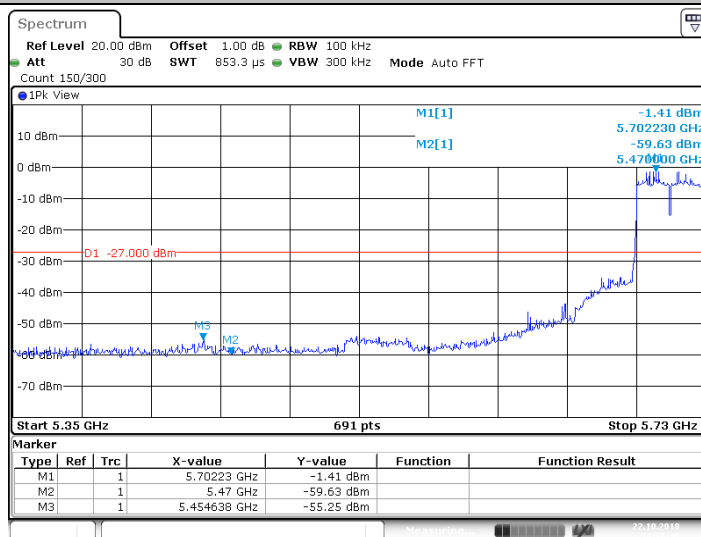
Date: 22.0 CT 2018 20:29:34

11N40MIMO_Ant2_High_5670



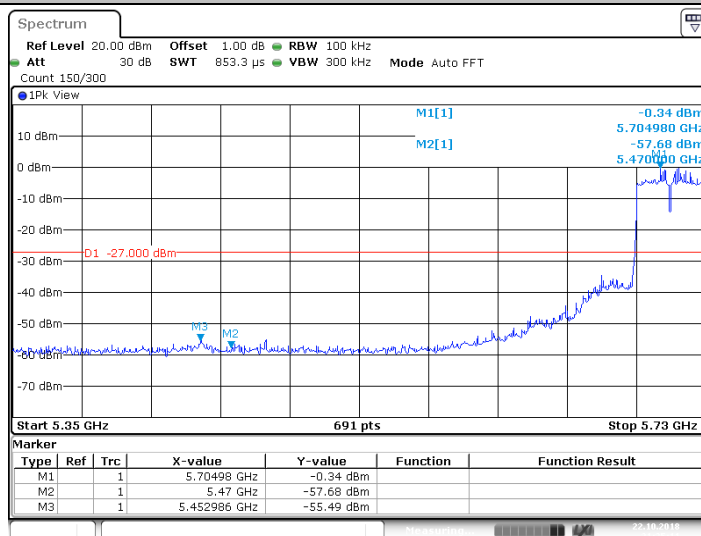
Date: 22.0 CT 2018 21:18:35

11N40MIMO_Ant1_Low_5710



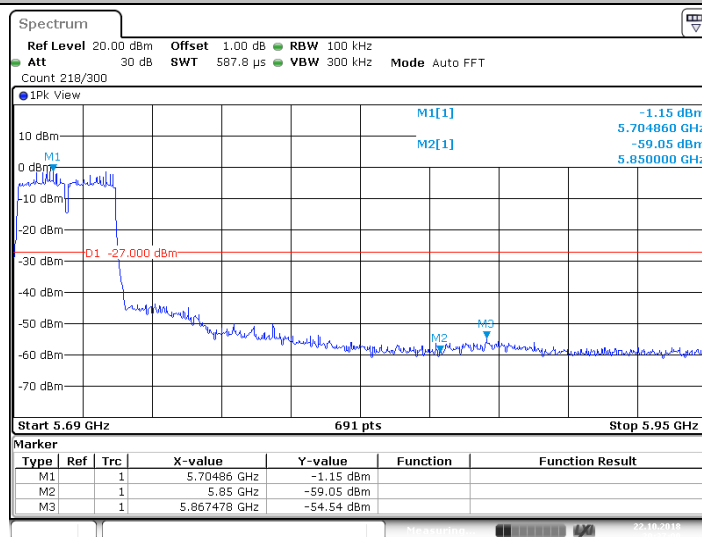
Date: 22.0 CT 2018 20:36:46

11N40MIMO_Ant2_Low_5710



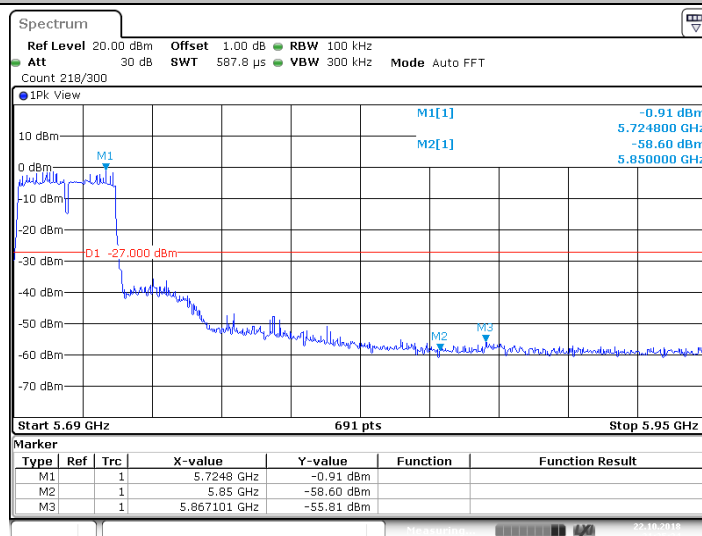
Date: 22.0 CT 2018 21:25:11

11N40MIMO_Ant1_High_5710



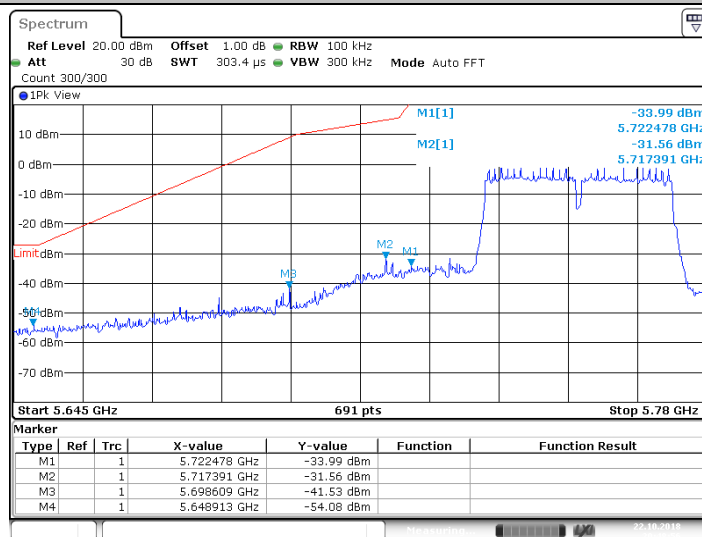
Date: 22.0 CT 2018 20:37:00

11N40MIMO_Ant2_High_5710



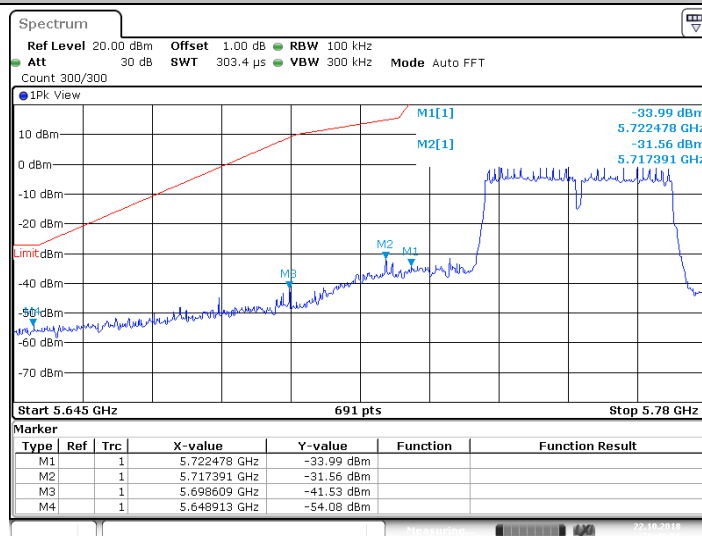
Date: 22.0 CT 2018 21:25:24

11N40MIMO_Ant1_Low_5755



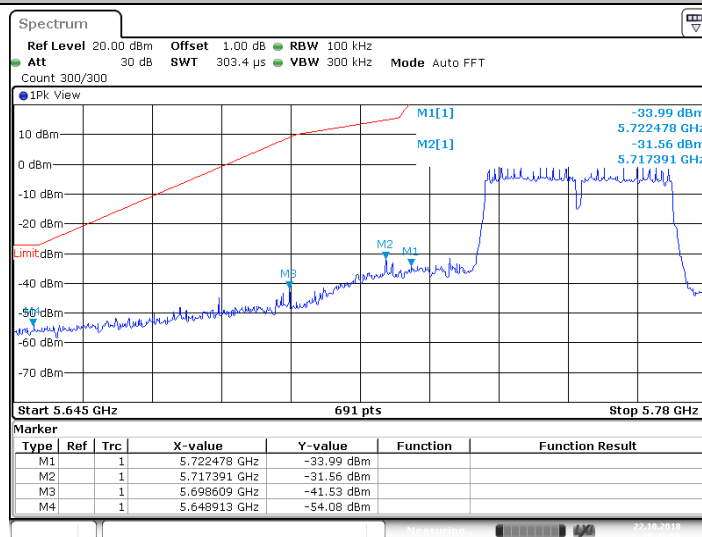
Date: 22.0 CT 2018 20:48:56

11N40MIMO_Ant1_Low_5755

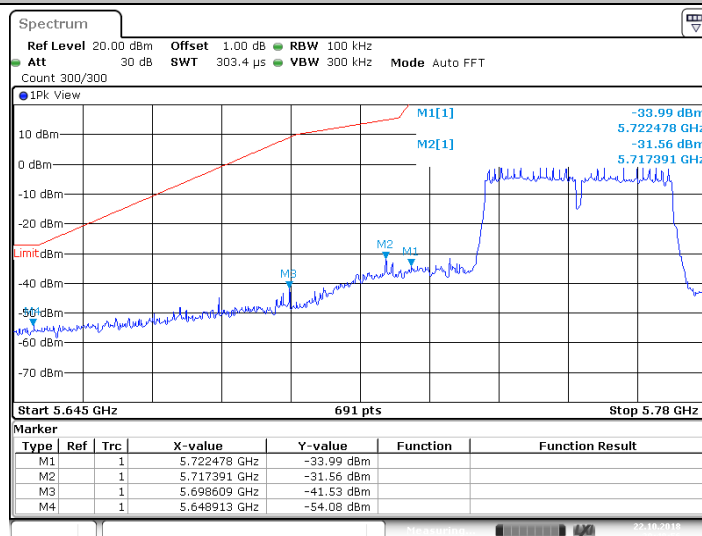


Date: 22.0 CT 2018 20:48:56

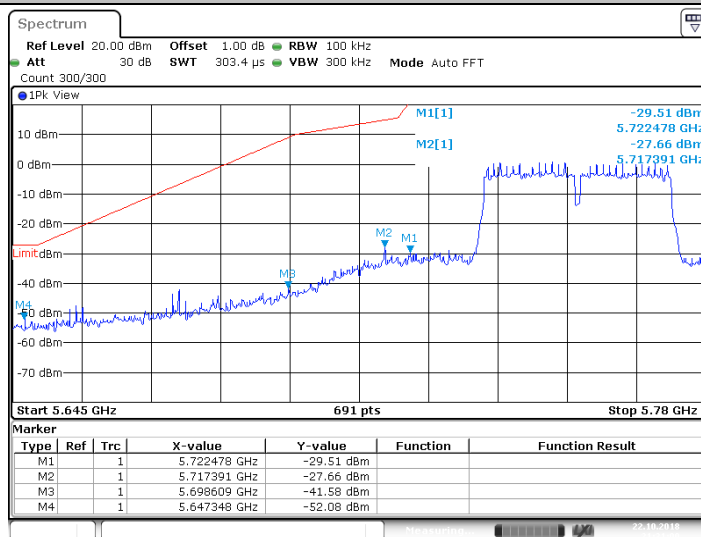
11N40MIMO_Ant1_Low_5755



11N40MIMO_Ant1_Low_5755

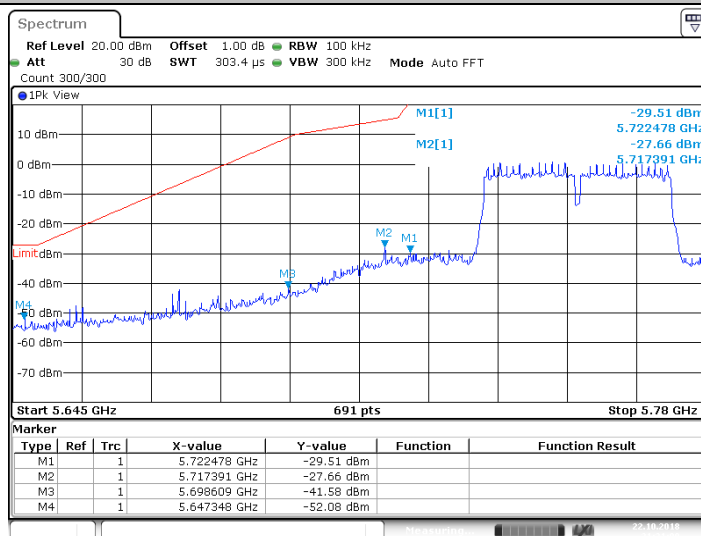


11N40MIMO_Ant2_Low_5755



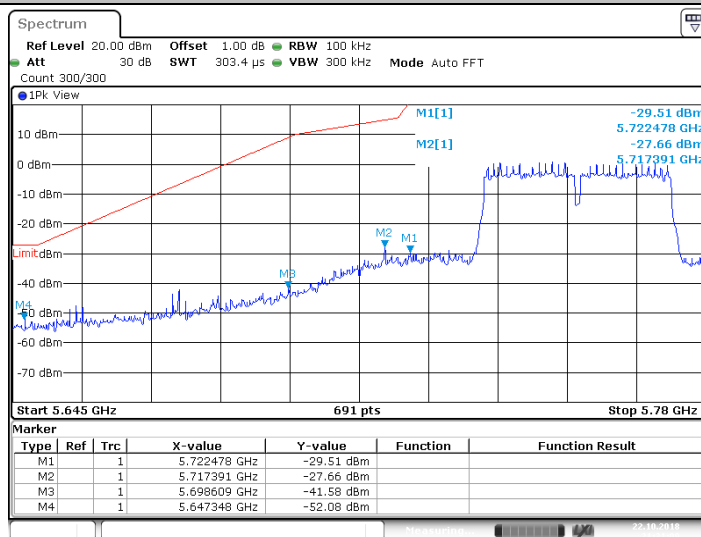
Date: 22.0 CT.2018 21:31:00

11N40MIMO_Ant2_Low_5755



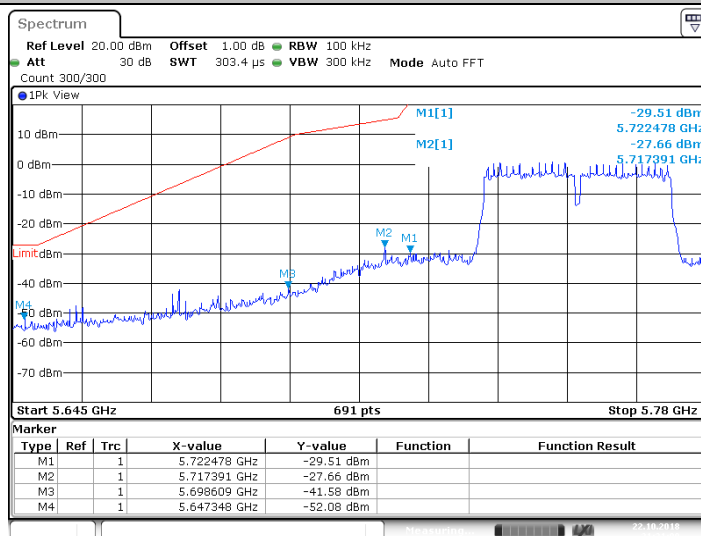
Date: 22.0 CT.2018 21:31:00

11N40MIMO_Ant2_Low_5755



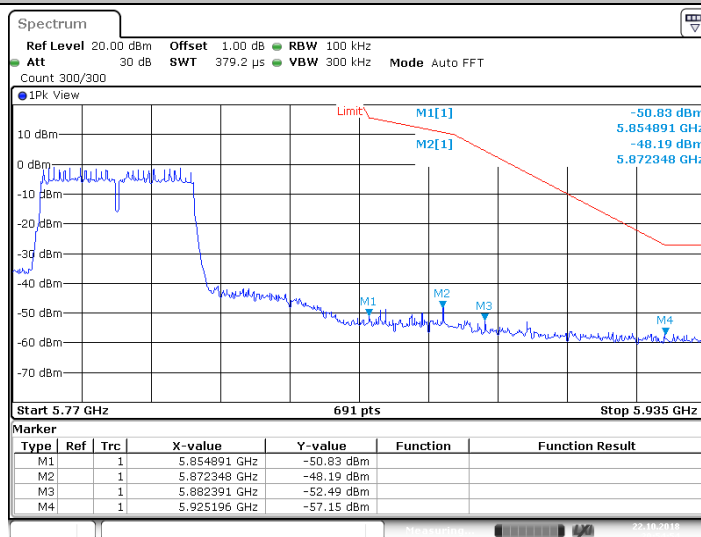
Date: 22.0 CT 2018 21:31:00

11N40MIMO_Ant2_Low_5755



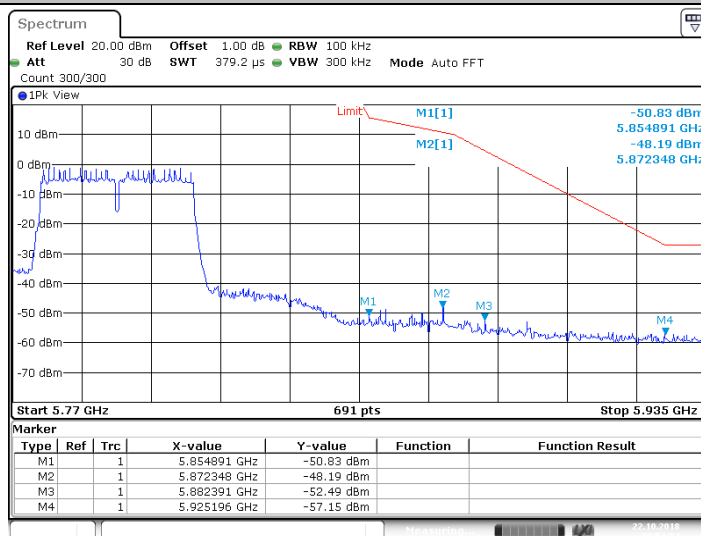
Date: 22.0 CT 2018 21:31:00

11N40MIMO_Ant1_High_5795



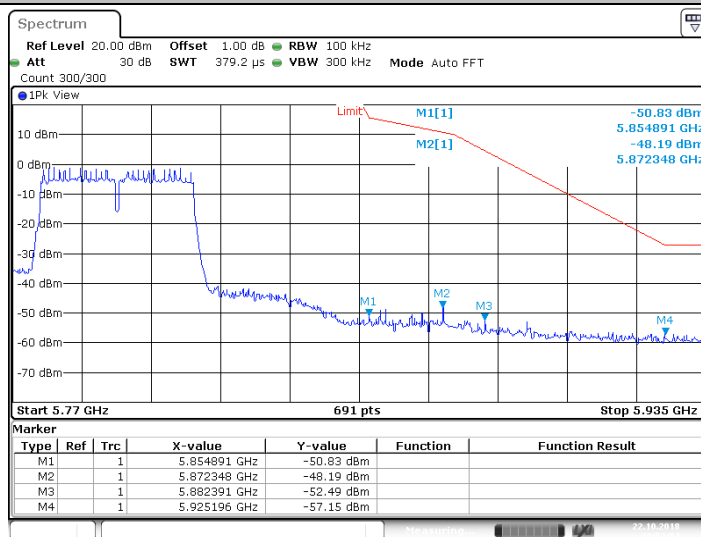
Date: 22.0 CT 2018 20:54:54

11N40MIMO_Ant1_High_5795



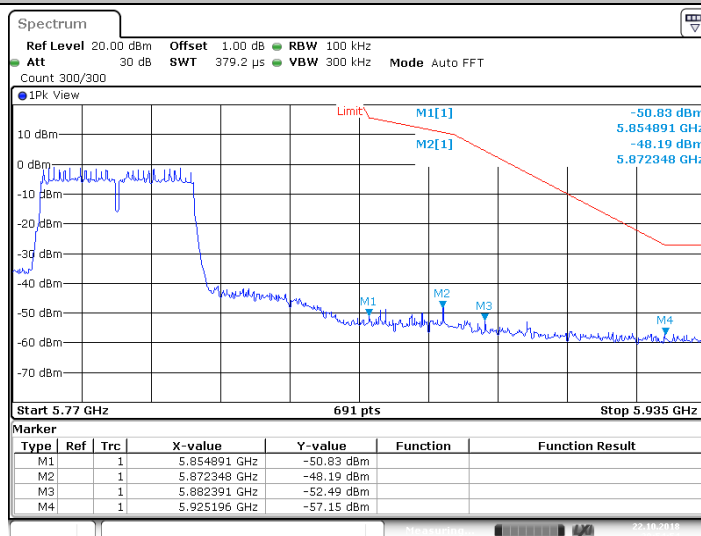
Date: 22.0 CT 2018 20:54:54

11N40MIMO_Ant1_High_5795



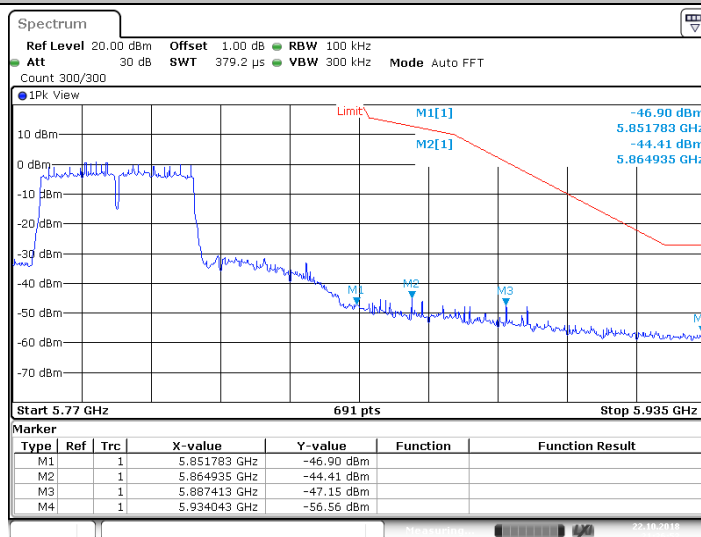
Date: 22.0 CT 2018 20:54:54

11N40MIMO_Ant1_High_5795



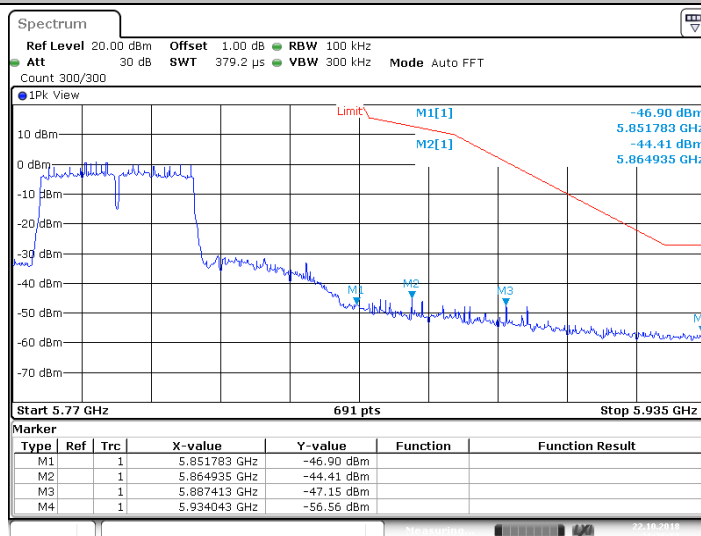
Date: 22.0 CT 2018 20:54:54

11N40MIMO_Ant2_High_5795



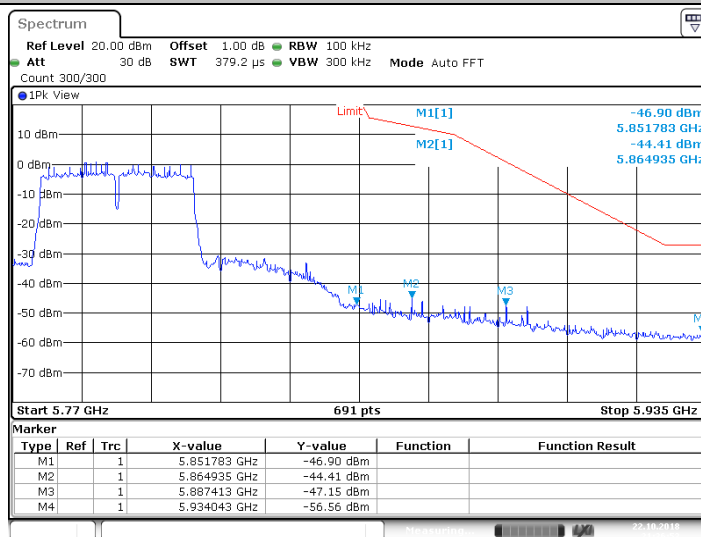
Date: 22.0 CT 2018 21:36:54

11N40MIMO_Ant2_High_5795



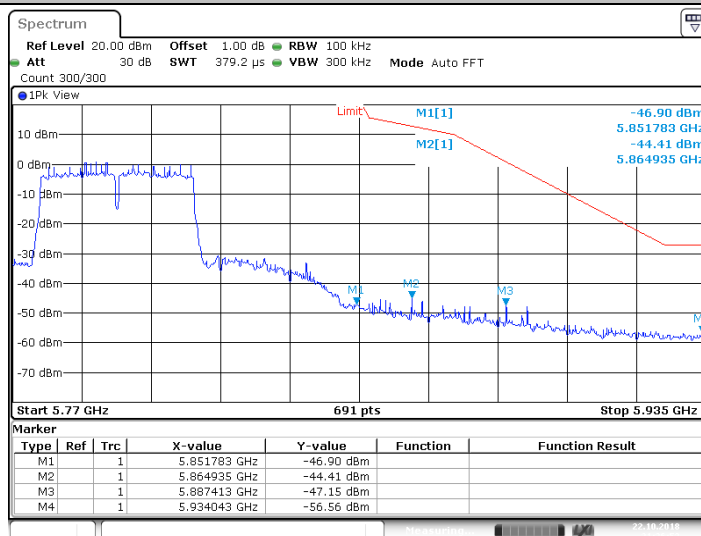
Date: 22.0 CT 2018 21:36:54

11N40MIMO_Ant2_High_5795



Date: 22.0 CT 2018 21:36:54

11N40MIMO_Ant2_High_5795



Date: 22.0 CT 2018 21:36:54

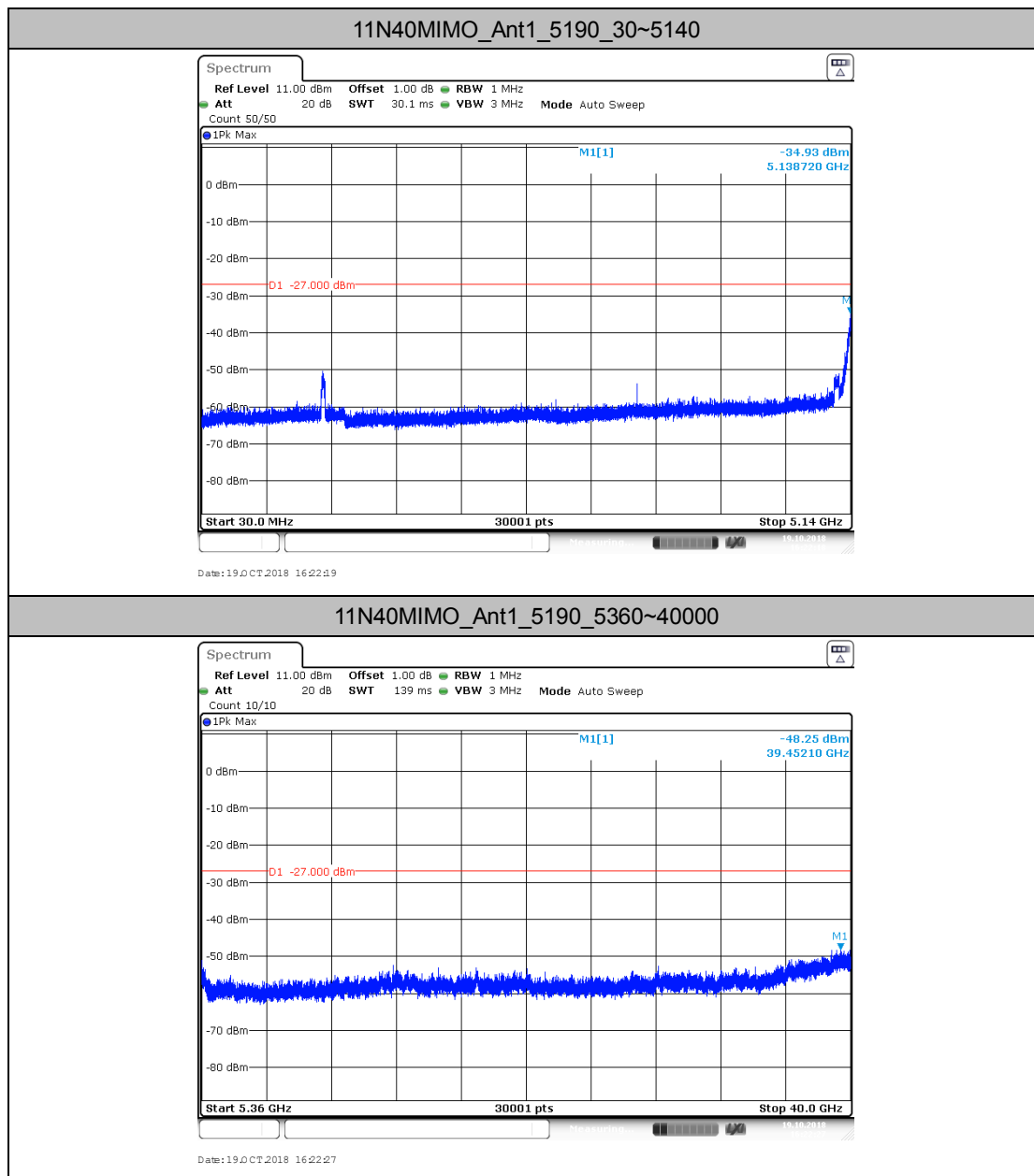
Appendix C7: Conducted Spurious Emission

Test Result

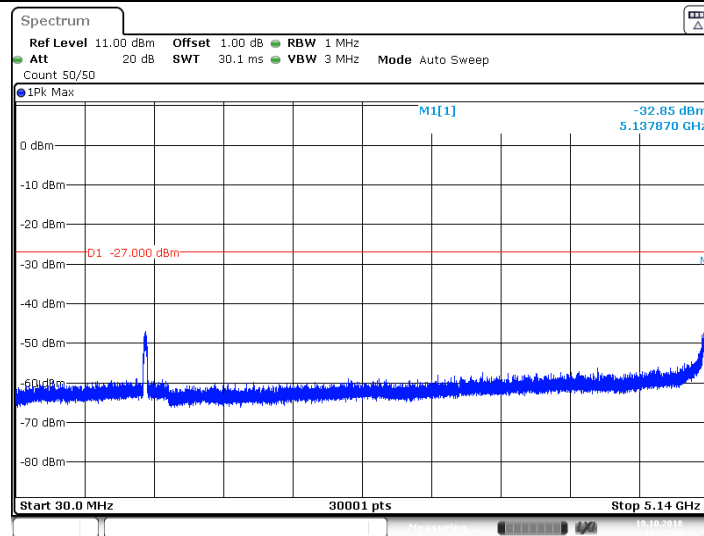
TestMode	Antenna	Channel	FreqRange	Max. Fre	Max. Level	Limit	Verdict
11N40MIMO	Ant1	5190	30~5140	5138.72	-34.93	-27	PASS
		5190	5360~40000	39452.10	-48.25	-27	PASS
	Ant2	5190	30~5140	5137.87	-32.85	-27	PASS
		5190	5360~40000	39461.40	-48.07	-27	PASS
	Ant1	5230	30~5140	5136.17	-46.74	-27	PASS
		5230	5360~40000	39739.60	-47.78	-27	PASS
	Ant2	5230	30~5140	1025.82	-48.28	-27	PASS
		5230	5360~40000	39755.80	-47.38	-27	PASS
	Ant1	5270	30~5140	1066.02	-48.61	-27	PASS
		5270	5360~40000	5442.60	-47.37	-27	PASS
	Ant2	5270	30~5140	1065.00	-46.83	-27	PASS
		5270	5360~40000	5362.90	-46.79	-27	PASS
	Ant1	5310	30~5140	1100.76	-50.88	-27	PASS
		5310	5360~40000	5360.60	-37.2	-27	PASS
	Ant2	5310	30~5140	1110.13	-50.01	-27	PASS
		5310	5360~40000	5360.60	-36.82	-27	PASS
	Ant1	5510	30~5460	5457.56	-39.71	-27	PASS
		5510	5735~40000	38538.60	-47.41	-27	PASS
	Ant2	5510	30~5460	5459.91	-35.05	-27	PASS
		5510	5735~40000	39657.90	-47.51	-27	PASS
	Ant1	5550	30~5460	5455.57	-48.89	-27	PASS
		5550	5735~40000	39393.00	-47.88	-27	PASS
	Ant2	5550	30~5460	5458.46	-43.23	-27	PASS
		5550	5735~40000	39716.20	-47.88	-27	PASS
	Ant1	5670	30~5460	5441.09	-52.66	-27	PASS
		5670	5735~40000	5744.70	-44.51	-27	PASS
	Ant2	5670	30~5460	5454.48	-51.21	-27	PASS
		5670	5735~40000	5735.60	-43	-27	PASS
	Ant1	5710	30~5460	5456.65	-52.95	-27	PASS
		5710	5925~40000	39739.30	-48.44	-27	PASS
	Ant2	5710	30~5460	5455.38	-51.47	-27	PASS
		5710	5925~40000	39748.40	-48.09	-27	PASS
	Ant1	5755	30~5650	5586.22	-44.98	-27	PASS
		5755	5925~40000	39318.00	-48.64	-27	PASS
	Ant2	5755	30~5650	5646.35	-42.86	-27	PASS
		5755	5925~40000	39438.30	-48.56	-27	PASS
	Ant1	5795	30~5650	5632.48	-45.86	-27	PASS
		5795	5925~40000	39897.20	-49	-27	PASS

	Ant2	5795	30~5650	5630.80	-49.19	-27	PASS
		5795	5925~40000	39517.90	-48.46	-27	PASS

Test Graphs

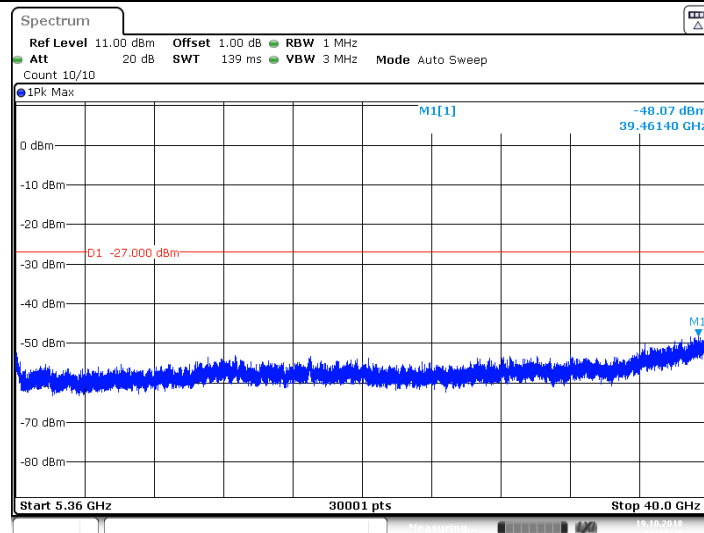


11N40MIMO_Ant2_5190_30~5140



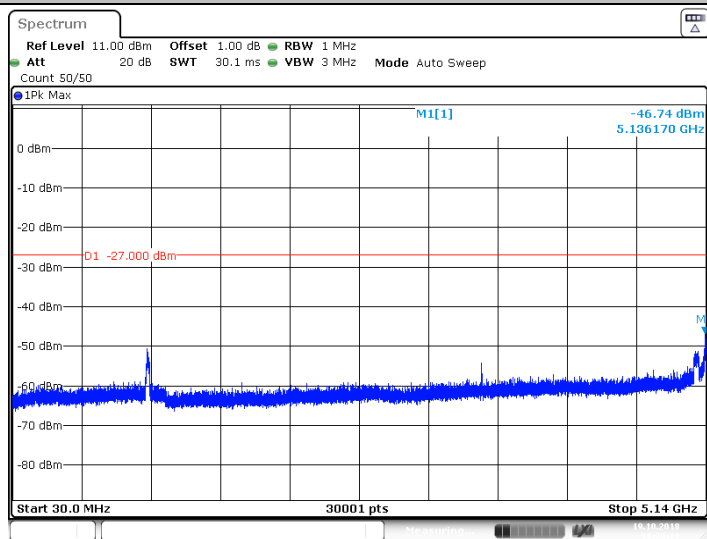
Date:19.0 CT.2018 16:27:37

11N40MIMO_Ant2_5190_5360~40000



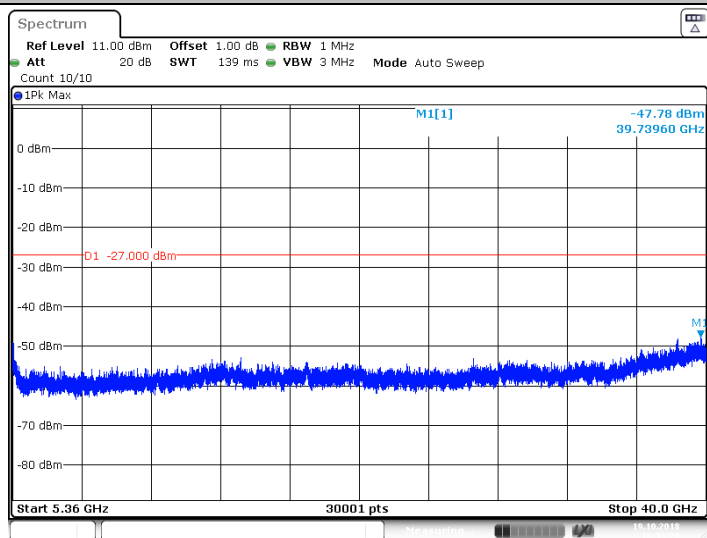
Date:19.0 CT.2018 16:27:45

11N40MIMO_Ant1_5230_30~5140



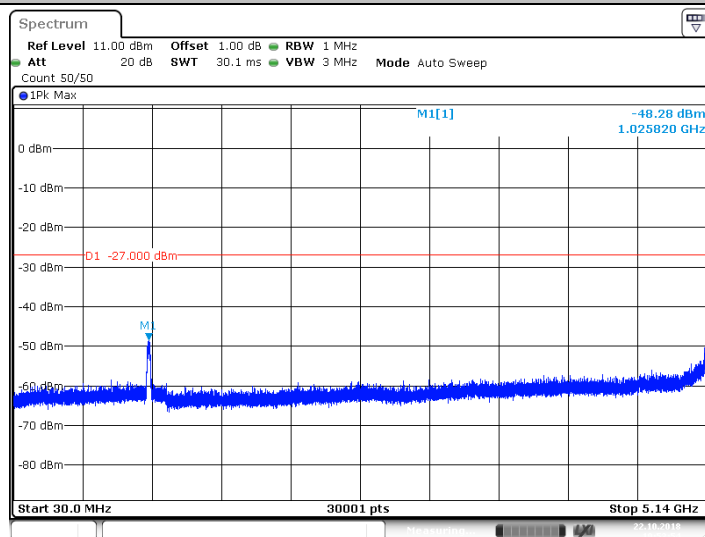
Date:19.0 CT.2018 16:33:12

11N40MIMO_Ant1_5230_5360~40000



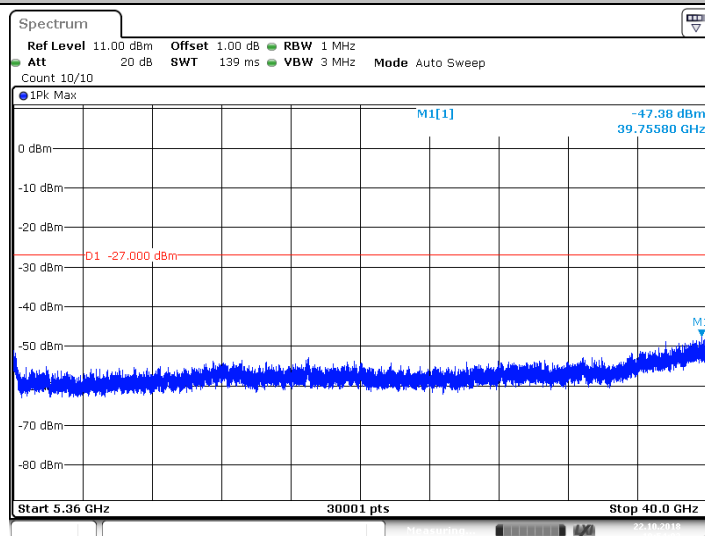
Date:19.0 CT.2018 16:33:20

11N40MIMO_Ant2_5230_30~5140



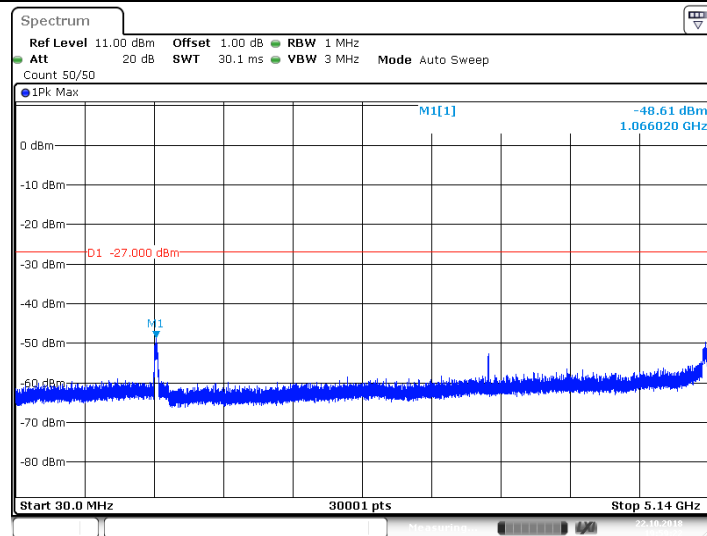
Date: 22.0 CT 2018 19:53:54

11N40MIMO_Ant2_5230_5360~40000



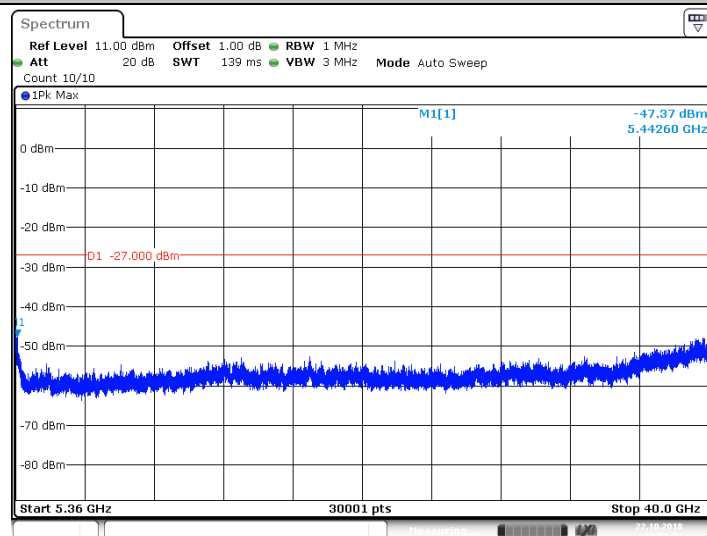
Date: 22.0 CT 2018 19:54:03

11N40MIMO_Ant1_5270_30~5140



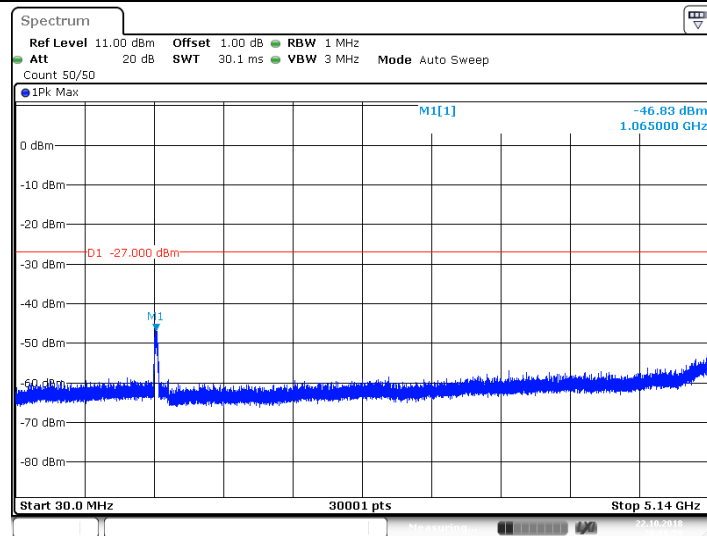
Date: 22.0 CT 2018 19:59:22

11N40MIMO_Ant1_5270_5360~40000



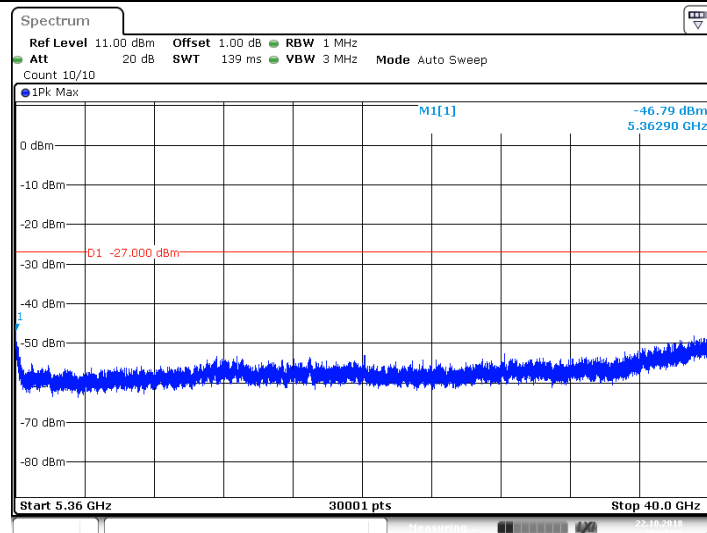
Date: 22.0 CT 2018 19:59:31

11N40MIMO_Ant2_5270_30~5140



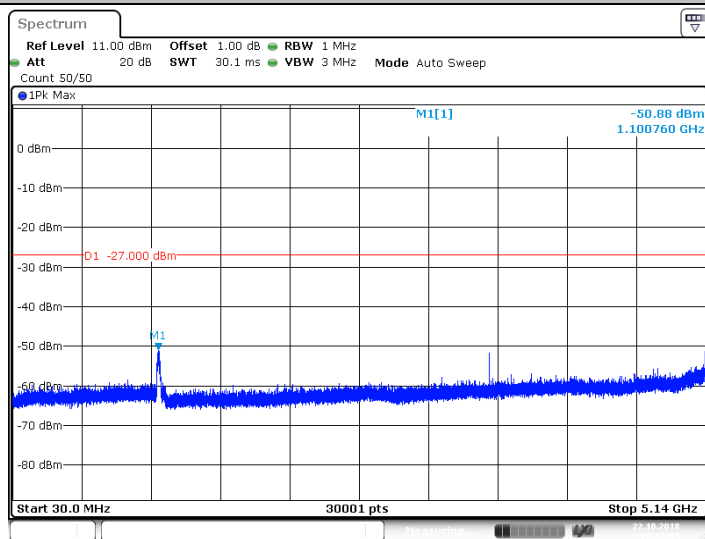
Date: 22.0 CT 2018 20:06:59

11N40MIMO_Ant2_5270_5360~40000



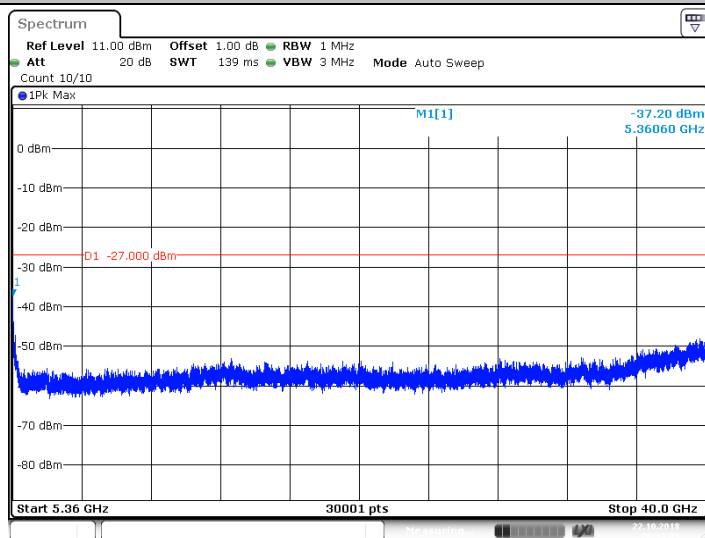
Date: 22.0 CT 2018 20:07:08

11N40MIMO_Ant1_5310_30~5140



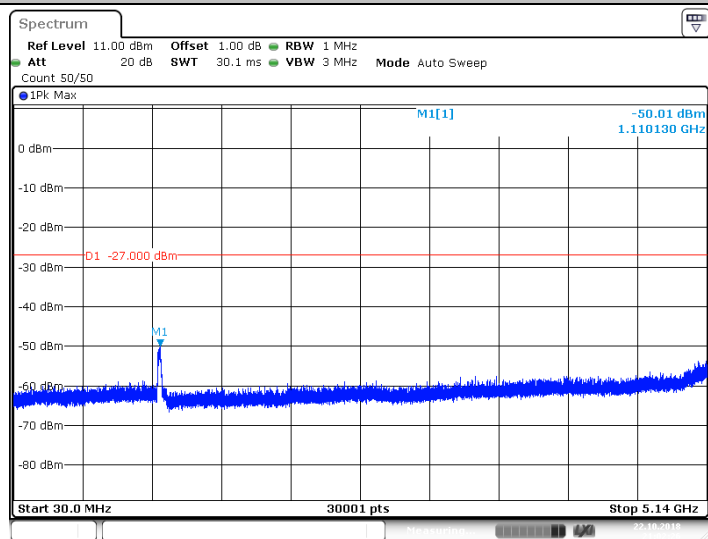
Date: 22.0 CT 2018 20:12:54

11N40MIMO_Ant1_5310_5360~40000

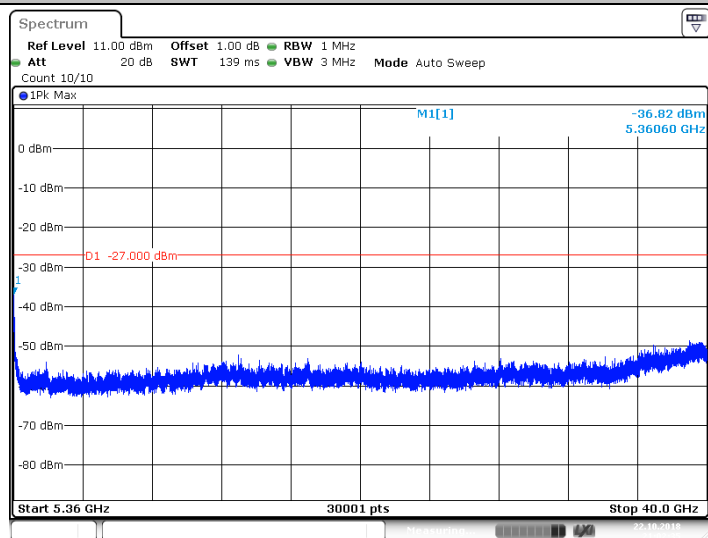


Date: 22.0 CT 2018 20:13:03

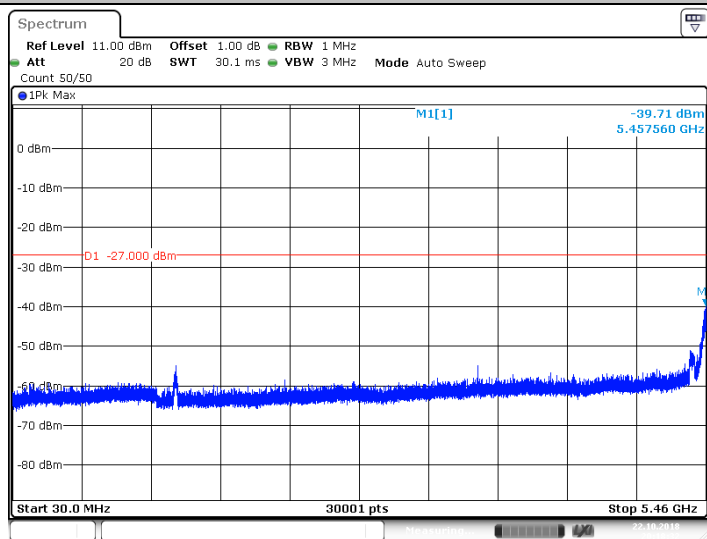
11N40MIMO_Ant2_5310_30~5140



11N40MIMO_Ant2_5310_5360~40000

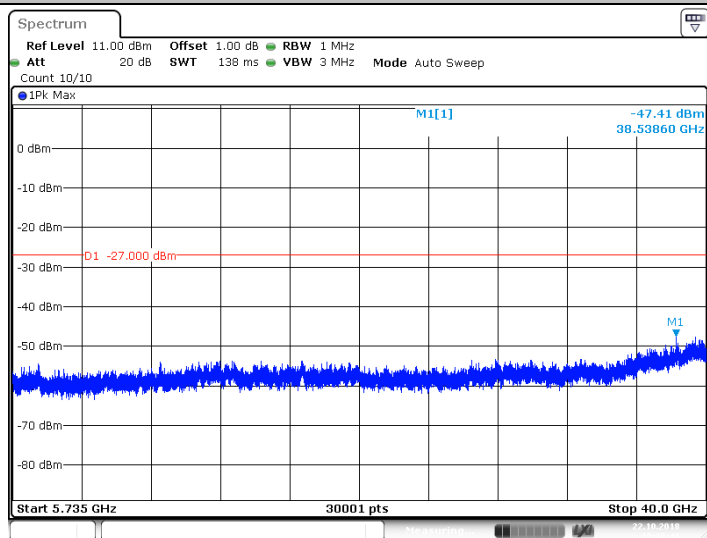


11N40MIMO_Ant1_5510_30~5460



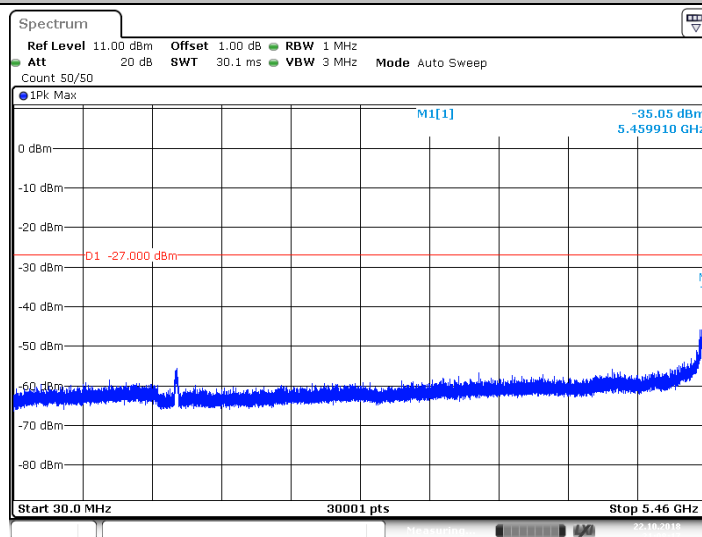
Date: 22.0 CT 2018 20:18:33

11N40MIMO_Ant1_5510_5735~40000



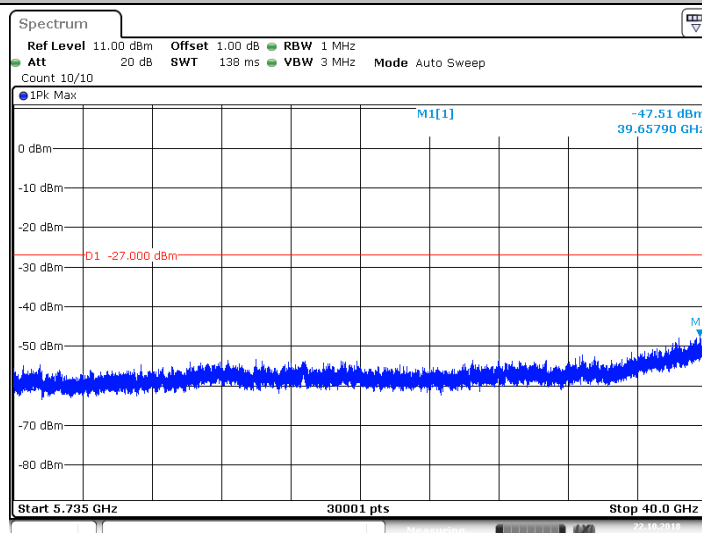
Date: 22.0 CT 2018 20:18:42

11N40MIMO_Ant2_5510_30~5460



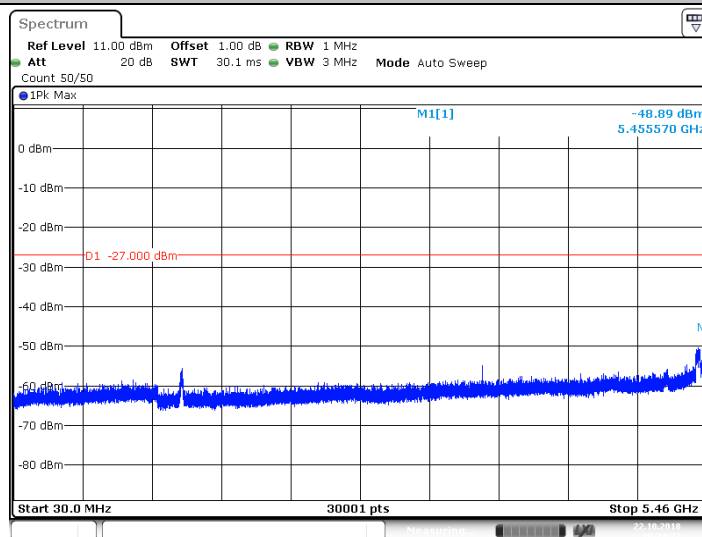
Date: 22.0 CT 2018 21:08:17

11N40MIMO_Ant2_5510_5735~40000



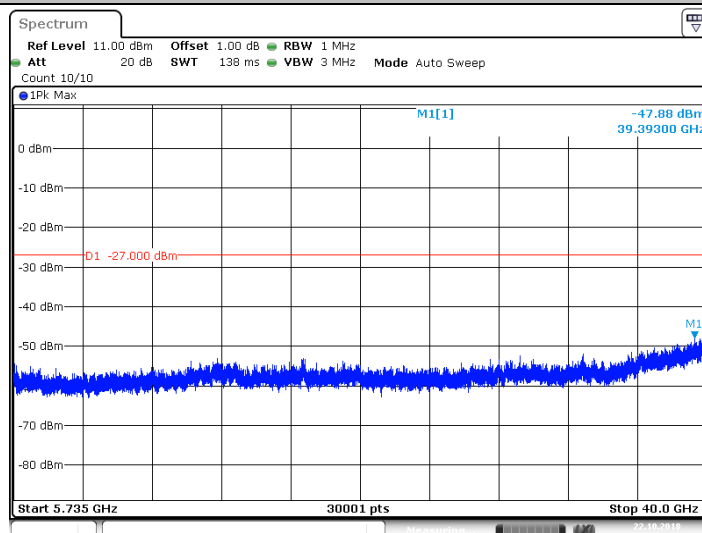
Date: 22.0 CT 2018 21:08:26

11N40MIMO_Ant1_5550_30~5460



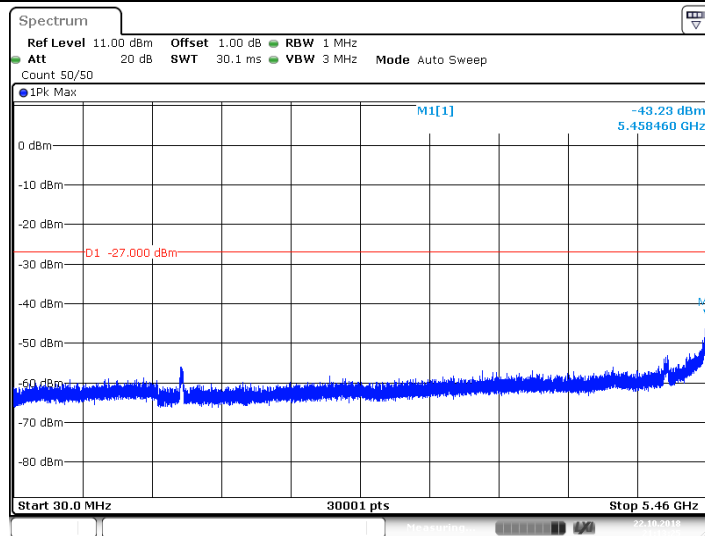
Date: 22.0 CT 2018 20:24:22

11N40MIMO_Ant1_5550_5735~40000



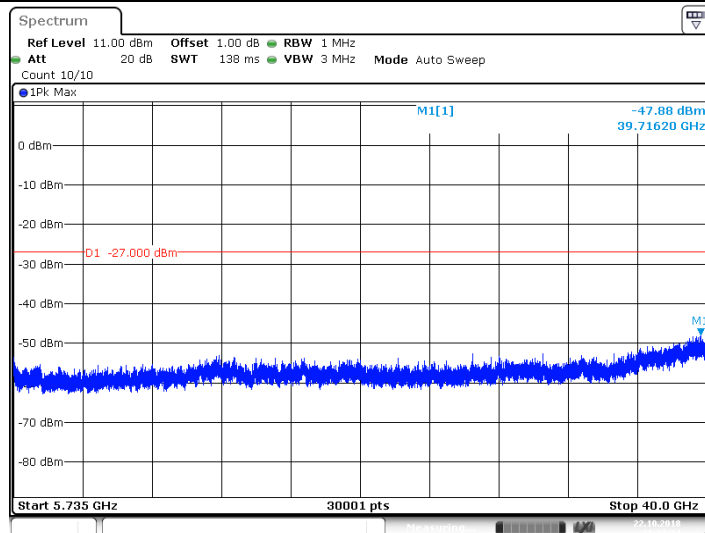
Date: 22.0 CT 2018 20:24:31

11N40MIMO_Ant2_5550_30~5460



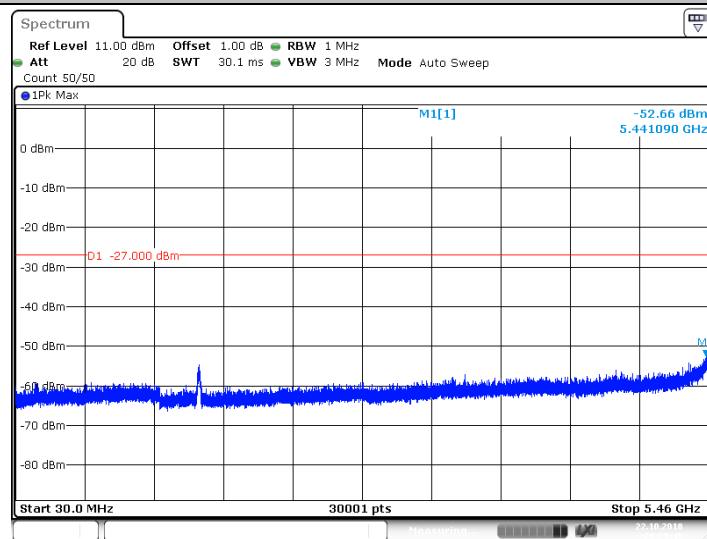
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11N40MIMO_Ant2_5550_5735~40000

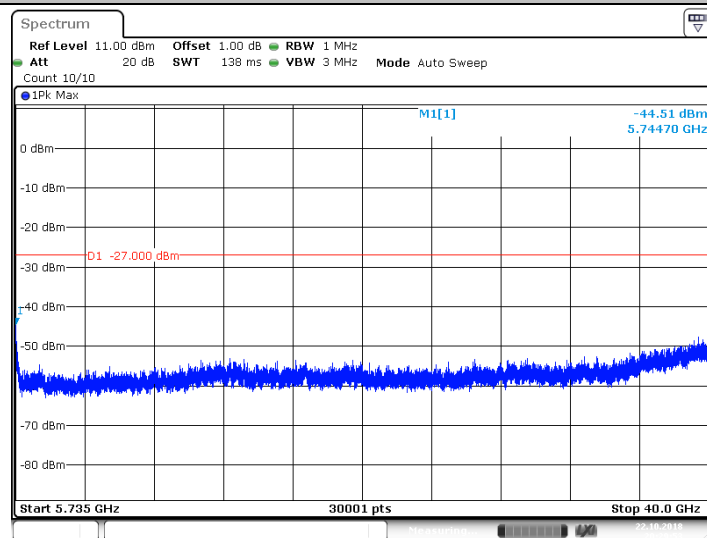


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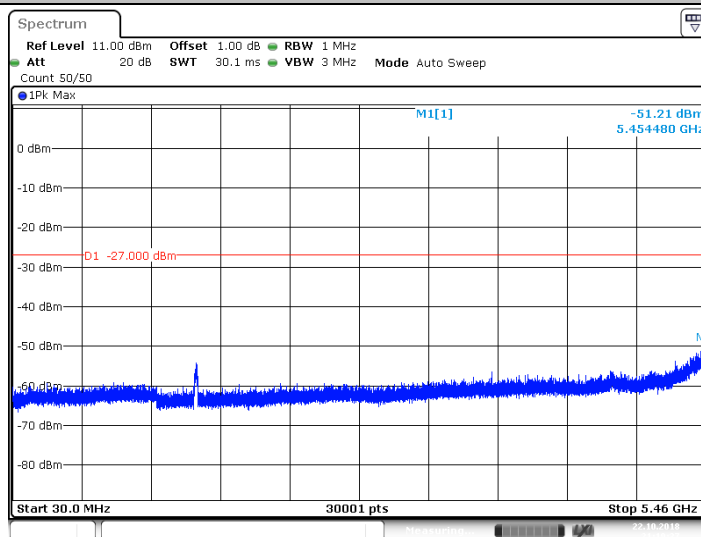
11N40MIMO_Ant1_5670_30~5460



11N40MIMO_Ant1_5670_5735~40000

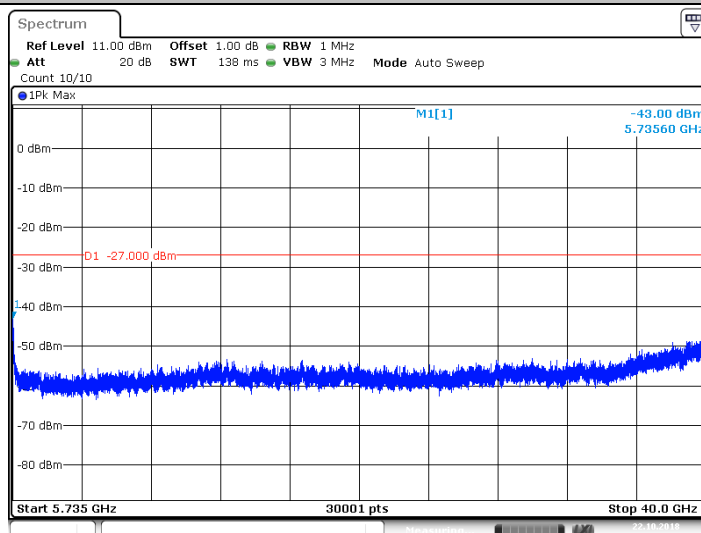


11N40MIMO_Ant2_5670_30~5460



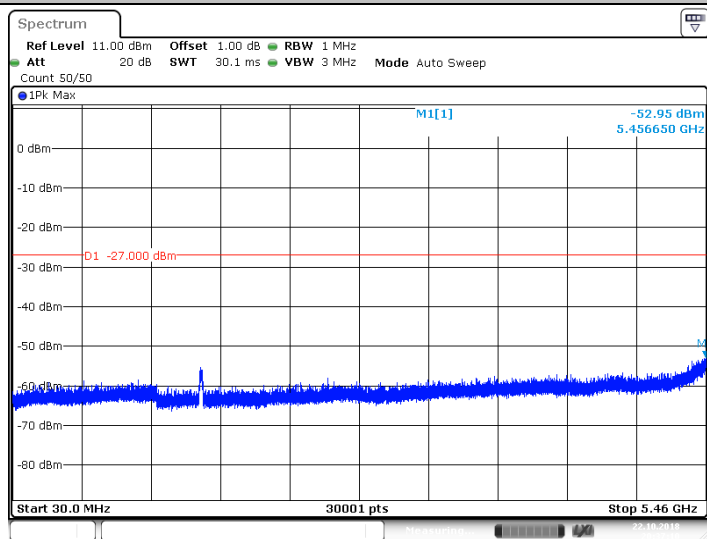
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11N40MIMO_Ant2_5670_5735~40000



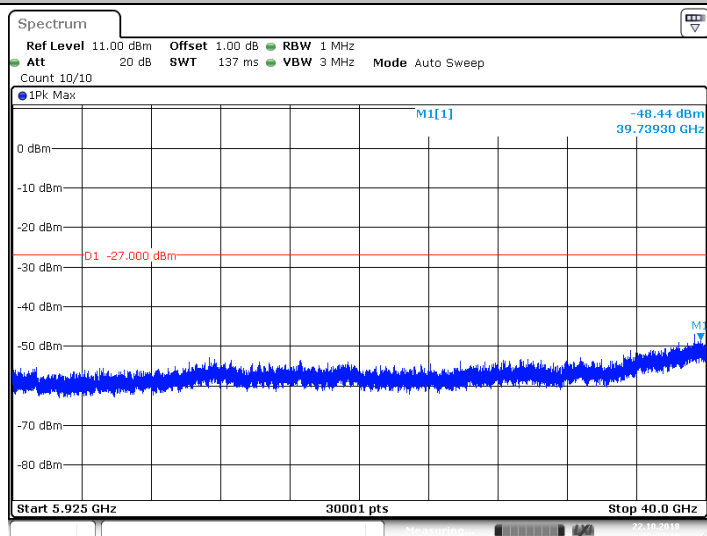
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11N40MIMO_Ant1_5710_30~5460



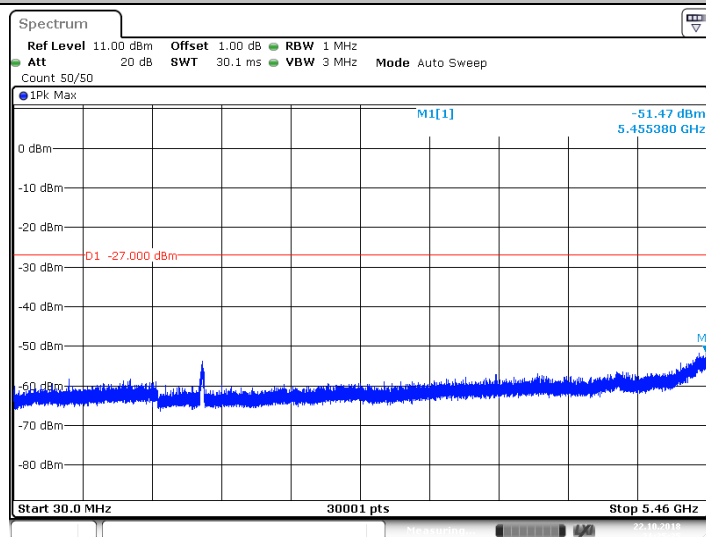
Date: 22.0 CT 2018 20:37:11

11N40MIMO_Ant1_5710_5925~40000



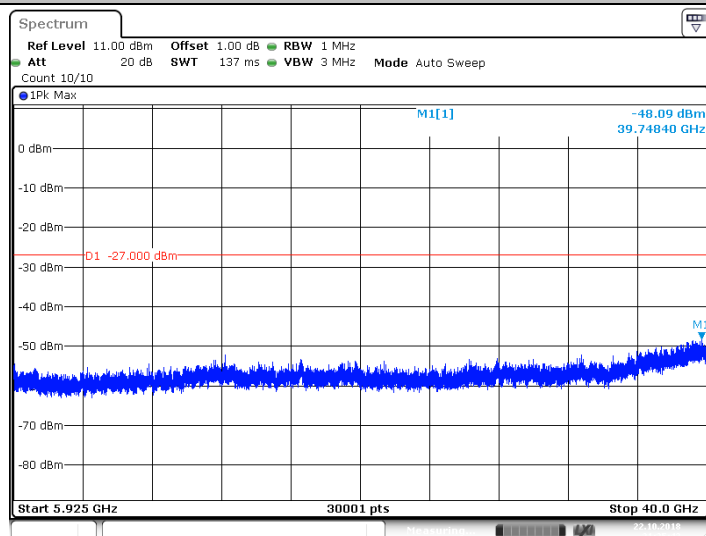
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11N40MIMO_Ant2_5710_30~5460



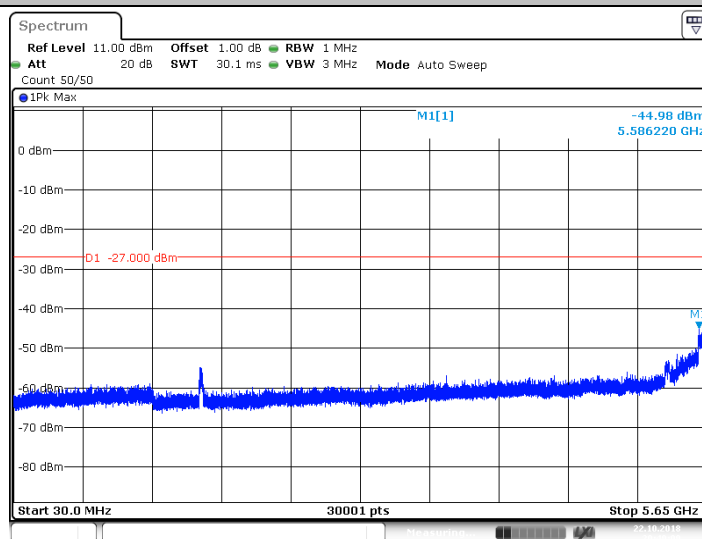
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11N40MIMO_Ant2_5710_5925~40000



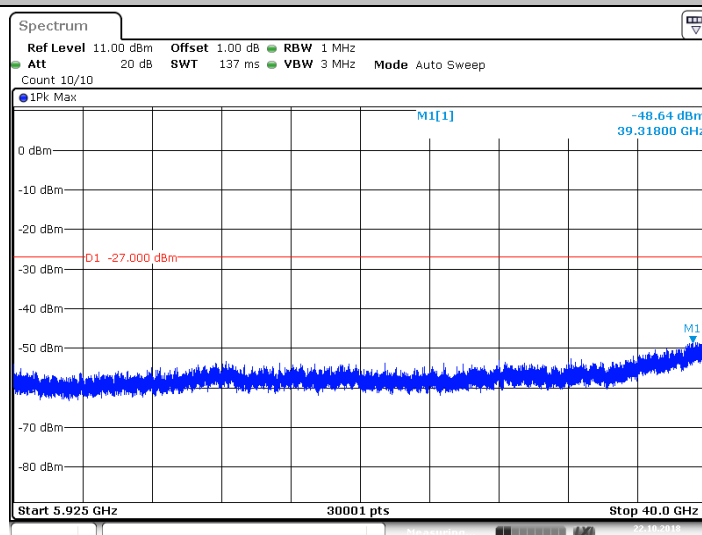
Date: 22.0 CT 2018 21:25:44

11N40MIMO_Ant1_5755_30~5650



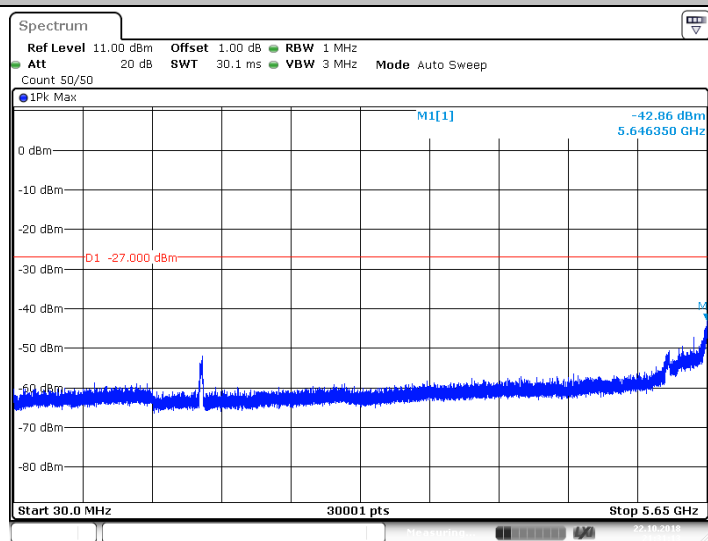
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11N40MIMO_Ant1_5755_5925~40000



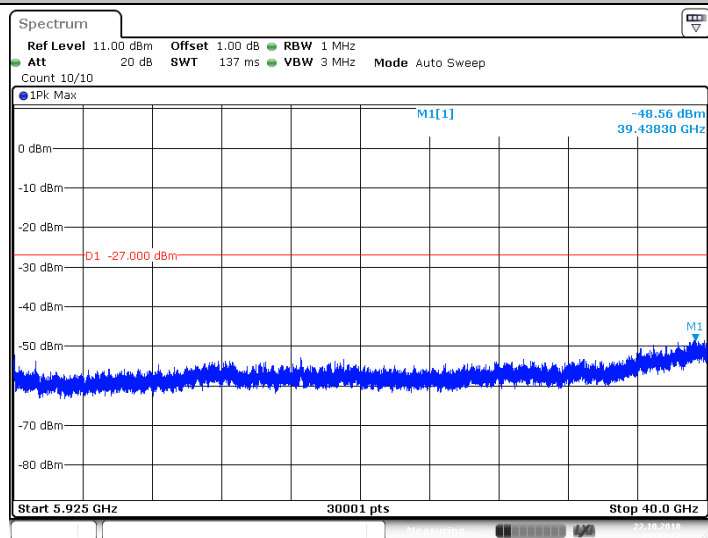
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11N40MIMO_Ant2_5755_30~5650



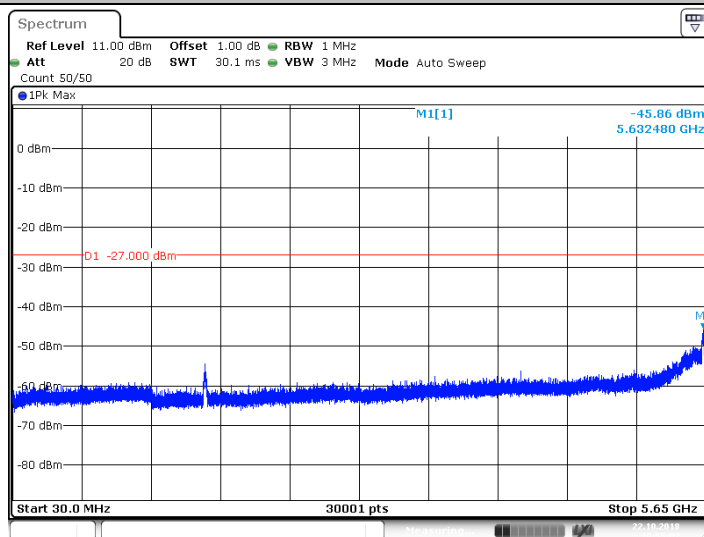
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11N40MIMO_Ant2_5755_5925~40000



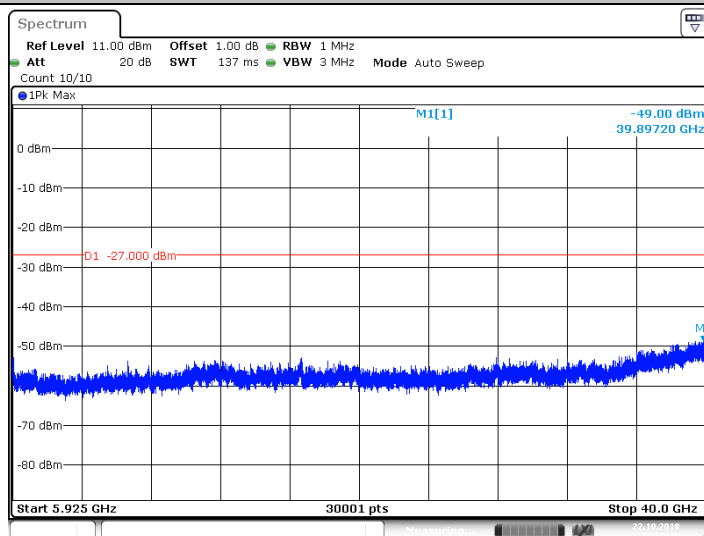
Date: 22.0 CT 2018 21:31:22

11N40MIMO_Ant1_5795_30~5650



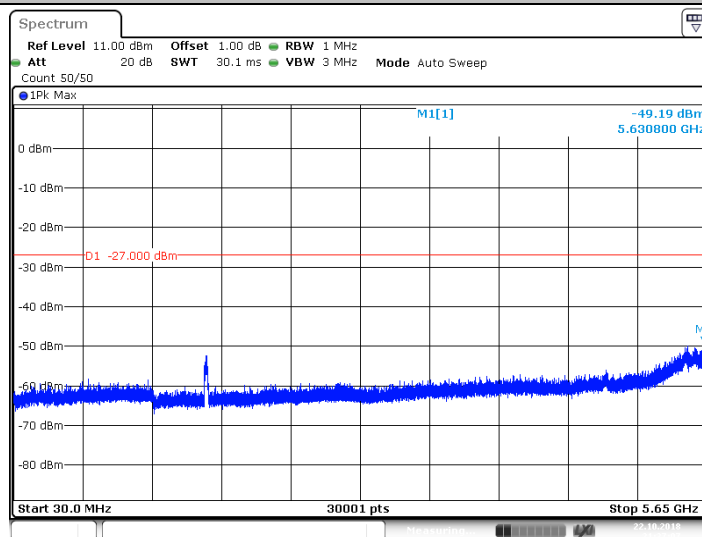
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11N40MIMO_Ant1_5795_5925~40000



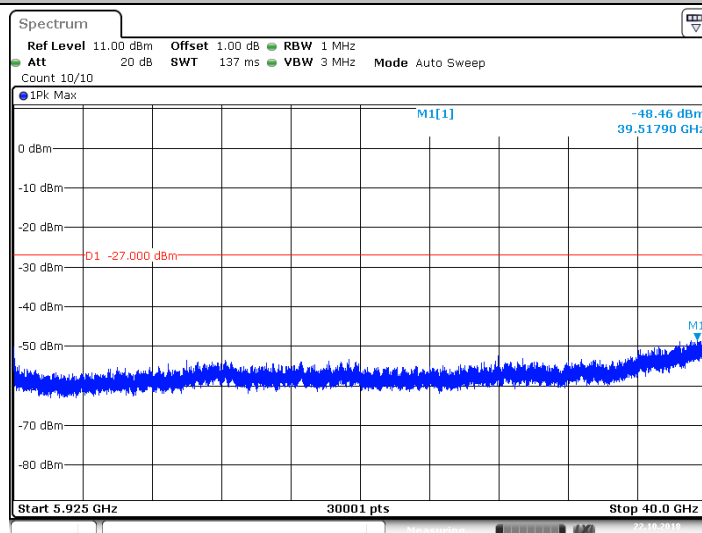
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11N40MIMO_Ant2_5795_30~5650



Date: 22.0 CT 2018 21:37:07

11N40MIMO_Ant2_5795_5925~40000



Date: 22.0 CT 2018 21:37:15

Appendix C8: Frequency Stability

Test Result

Voltage								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N40MI MO	Ant1	5190	NV	NT	-50000	-9.633911	20	PASS
		5190	LV	NT	-50000	-9.633911	20	PASS
		5190	HV	NT	-50000	-9.633911	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	-50000	-9.560229	20	PASS
		5230	LV	NT	-25000	-4.780115	20	PASS
		5230	HV	NT	-50000	-9.560229	20	PASS
	Ant2	5230	NV	NT	-50000	-9.560229	20	PASS
		5230	LV	NT	-50000	-9.560229	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	-50000	-9.487666	20	PASS
	Ant2	5270	NV	NT	-50000	-9.487666	20	PASS
		5270	LV	NT	-50000	-9.487666	20	PASS
		5270	HV	NT	-50000	-9.487666	20	PASS
	Ant1	5310	NV	NT	-50000	-9.416196	20	PASS
		5310	LV	NT	-50000	-9.416196	20	PASS
		5310	HV	NT	-50000	-9.416196	20	PASS
	Ant2	5310	NV	NT	-50000	-9.416196	20	PASS
		5310	LV	NT	-50000	-9.416196	20	PASS
		5310	HV	NT	-25000	-4.708098	20	PASS
	Ant1	5510	NV	NT	-75000	-13.611615	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	-75000	-13.611615	20	PASS
		5510	HV	NT	-75000	-13.611615	20	PASS
	Ant1	5550	NV	NT	-50000	-9.009009	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	-100000	-17.636684	20	PASS
	Ant2	5670	NV	NT	-75000	-13.227513	20	PASS
		5670	LV	NT	-50000	-8.818342	20	PASS
		5670	HV	NT	-75000	-13.227513	20	PASS
	Ant1	5710	NV	NT	-75000	-13.134851	20	PASS
		5710	LV	NT	-75000	-13.134851	20	PASS
		5710	HV	NT	-75000	-13.134851	20	PASS
	Ant2	5710	NV	NT	-75000	-13.134851	20	PASS
		5710	LV	NT	-50000	-8.756567	20	PASS
		5710	HV	NT	-50000	-8.756567	20	PASS
	Ant1	5755	NV	NT	-50000	-8.688097	20	PASS
		5755	LV	NT	-50000	-8.688097	20	PASS
		5755	HV	NT	-50000	-8.688097	20	PASS
	Ant2	5755	NV	NT	-75000	-13.032146	20	PASS
		5755	LV	NT	-75000	-13.032146	20	PASS
		5755	HV	NT	-50000	-8.688097	20	PASS
	Ant1	5795	NV	NT	-50000	-8.628128	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	-75000	-12.942192	20	PASS

Temperature								
TestMode	Antenna	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11N40MI MO	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	-50000	-9.633911	20	PASS
		5190	NV	20	-50000	-9.633911	20	PASS
		5190	NV	30	-50000	-9.633911	20	PASS
		5190	NV	40	-25000	-4.816956	20	PASS
		5190	NV	50	-25000	-4.816956	20	PASS
	Ant2	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	-50000	-9.633911	20	PASS
		5190	NV	40	-50000	-9.633911	20	PASS
		5190	NV	50	-50000	-9.633911	20	PASS
	Ant1	5230	NV	-30	-75000	-14.340344	20	PASS
		5230	NV	-20	-50000	-9.560229	20	PASS
		5230	NV	-10	-50000	-9.560229	20	PASS
		5230	NV	0	-50000	-9.560229	20	PASS
		5230	NV	10	-50000	-9.560229	20	PASS
		5230	NV	20	-75000	-14.340344	20	PASS
		5230	NV	30	-50000	-9.560229	20	PASS
		5230	NV	40	-50000	-9.560229	20	PASS
		5230	NV	50	-25000	-4.780115	20	PASS
		5230	NV	-30	-50000	-9.560229	20	PASS
	Ant2	5230	NV	-20	-50000	-9.560229	20	PASS
		5230	NV	-10	-25000	-4.780115	20	PASS
		5230	NV	0	-25000	-4.780115	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	-50000	-9.560229	20	PASS
		5230	NV	50	-50000	-9.560229	20	PASS
		5270	NV	-30	-50000	-9.487666	20	PASS
	Ant1	5270	NV	-20	-50000	-9.487666	20	PASS
		5270	NV	-10	-50000	-9.487666	20	PASS
		5270	NV	0	-50000	-9.487666	20	PASS
		5270	NV	10	-50000	-9.487666	20	PASS
		5270	NV	20	-50000	-9.487666	20	PASS
		5270	NV	30	-25000	-4.743833	20	PASS
		5270	NV	40	-50000	-9.487666	20	PASS
		5270	NV	50	-75000	-14.231499	20	PASS
		5270	NV	-30	-50000	-9.487666	20	PASS
	Ant2	5270	NV	-20	-50000	-9.487666	20	PASS
		5270	NV	-10	-75000	-14.231499	20	PASS
		5270	NV	0	-25000	-4.743833	20	PASS
		5270	NV	10	-50000	-9.487666	20	PASS
		5270	NV	20	-50000	-9.487666	20	PASS
		5270	NV	30	-25000	-4.743833	20	PASS
		5270	NV	40	-50000	-9.487666	20	PASS
		5270	NV	50	-50000	-9.487666	20	PASS
		5310	NV	-30	-25000	-4.708098	20	PASS
	Ant1	5310	NV	-20	-50000	-9.416196	20	PASS
		5310	NV	-10	-25000	-4.708098	20	PASS
		5310	NV	0	-50000	-9.416196	20	PASS

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

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

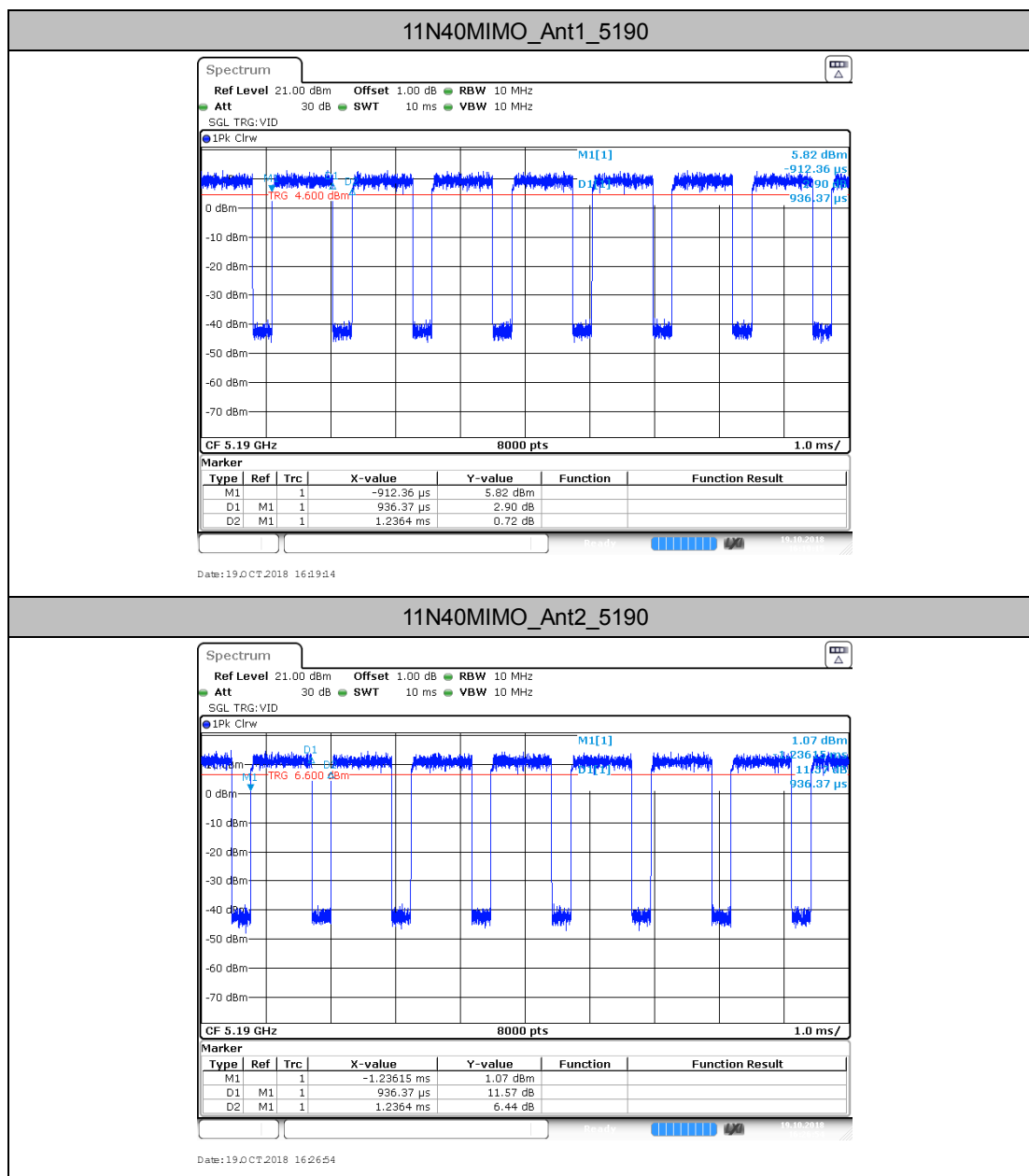
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		5755	NV	-20	-75000	-13.032146	20	PASS
		5755	NV	-10	-75000	-13.032146	20	PASS
		5755	NV	0	-50000	-8.688097	20	PASS
		5755	NV	10	-75000	-13.032146	20	PASS
		5755	NV	20	-75000	-13.032146	20	PASS
		5755	NV	30	-75000	-13.032146	20	PASS
		5755	NV	40	-75000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

Appendix C9: Duty Cycle

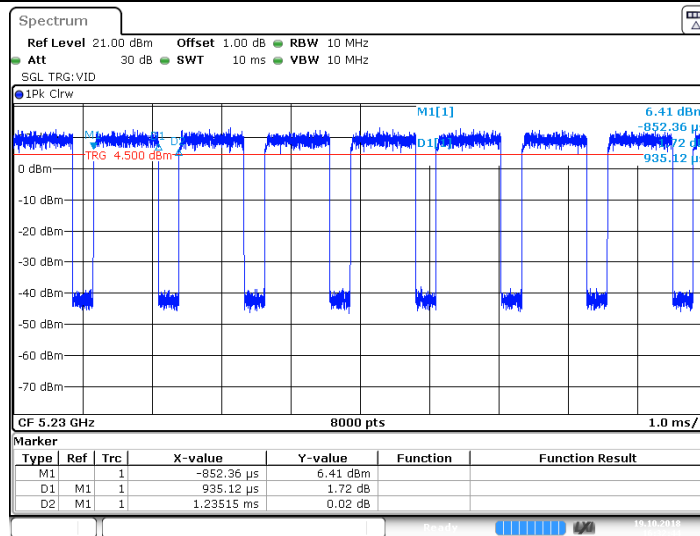
Test Result

TestMode	Antenna	Channel	Duty Cycle [%]
11N40MIMO	Ant1	5190	75.73
	Ant2	5190	75.73
	Ant1	5230	75.71
	Ant2	5230	75.73
	Ant1	5270	75.73
	Ant2	5270	75.73
	Ant1	5310	75.71
	Ant2	5310	75.73
	Ant1	5510	75.71
	Ant2	5510	75.71
	Ant1	5550	75.71
	Ant2	5550	75.71
	Ant1	5670	75.73
	Ant2	5670	75.73
	Ant1	5710	75.73
	Ant2	5710	75.73
	Ant1	5755	75.63
	Ant2	5755	75.71
	Ant1	5795	75.71
	Ant2	5795	75.73

Test Graphs

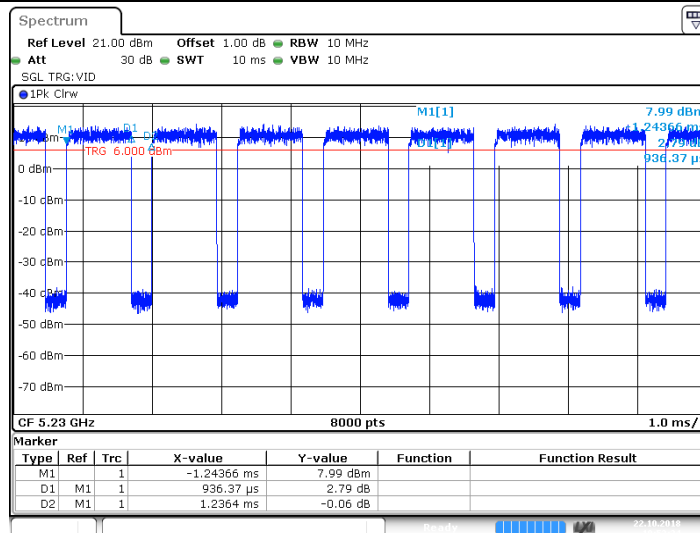


11N40MIMO_Ant1_5230



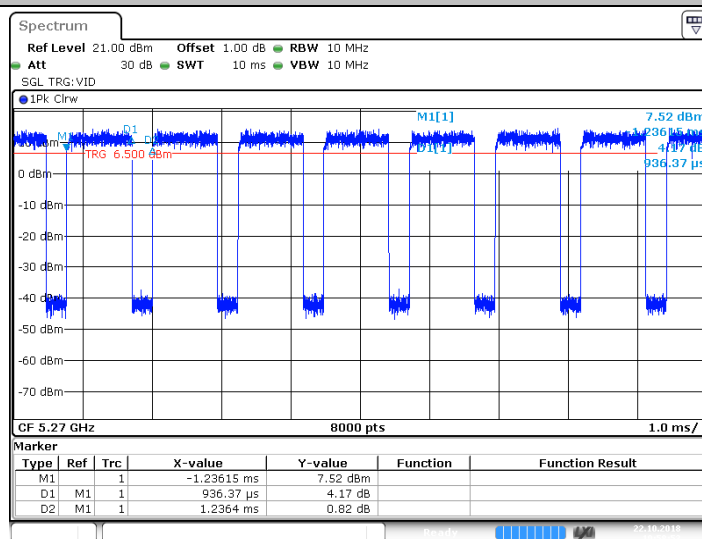
Date:19.0 CT.2018 16:32:44

11N40MIMO_Ant2_5230



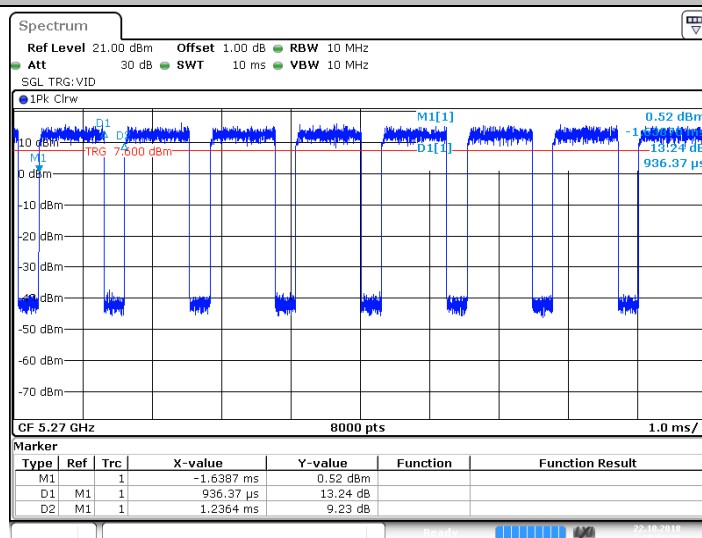
Date:22.0 CT.2018 19:53:24

11N40MIMO_Ant1_5270



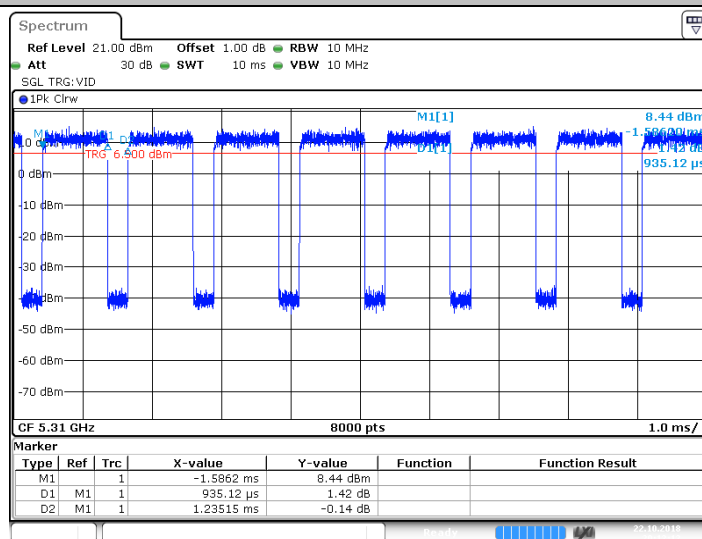
Date: 22.10.2018 19:58:54

11N40MIMO_Ant2_5270



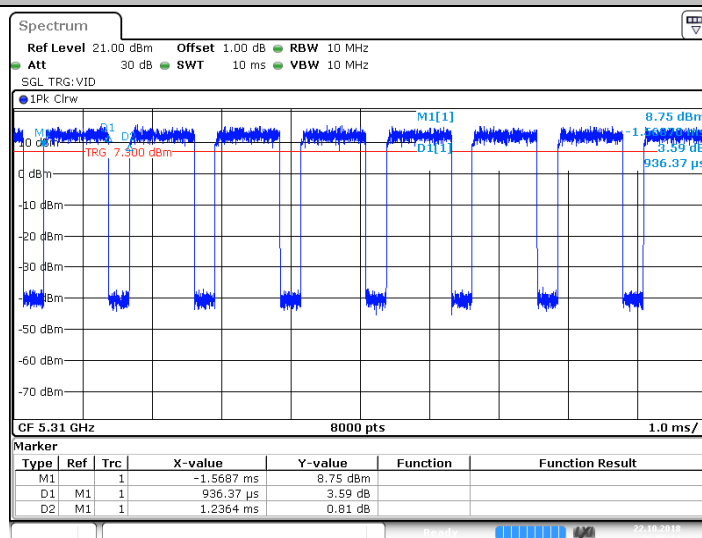
Date: 22.10.2018 20:06:31

11N40MIMO_Ant1_5310



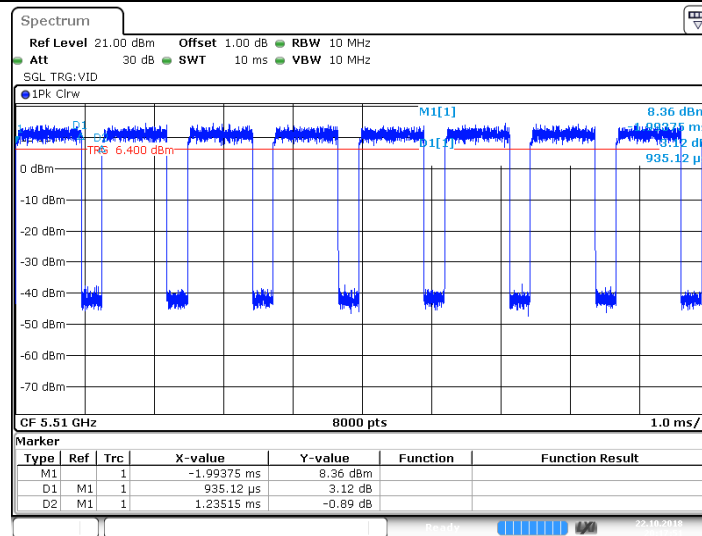
Date:22.0 CT.2018 20:12:12

11N40MIMO_Ant2_5310



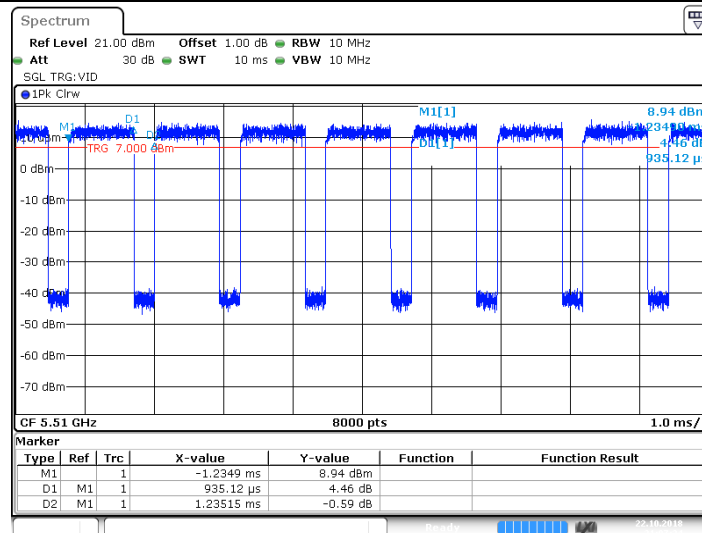
Date:22.0 CT.2018 21:40:11

11N40MIMO_Ant1_5510



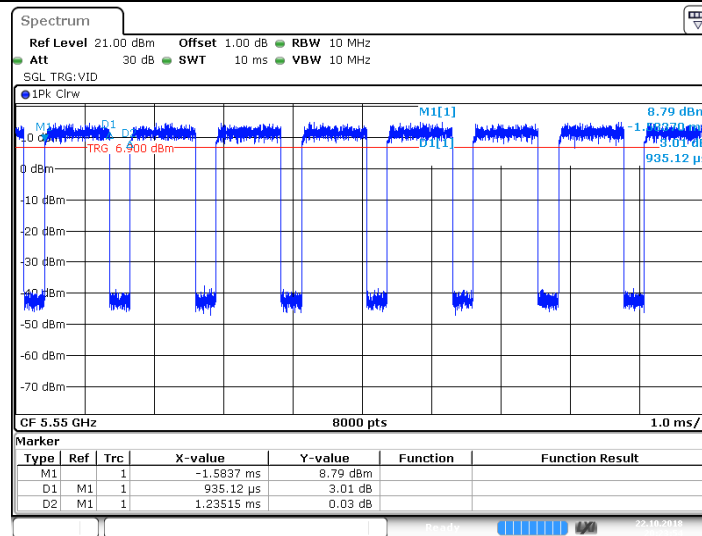
Date: 22.0 CT 2018 20:17:51

11N40MIMO_Ant2_5510



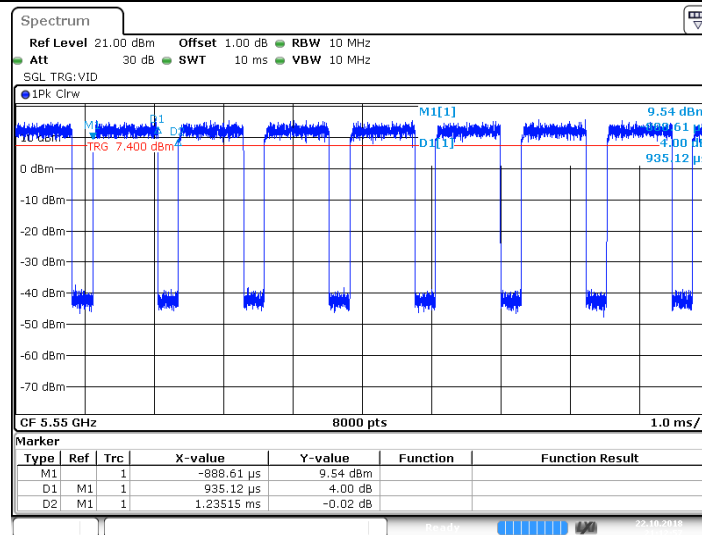
Date: 22.0 CT 2018 21:07:34

11N40MIMO_Ant1_5550



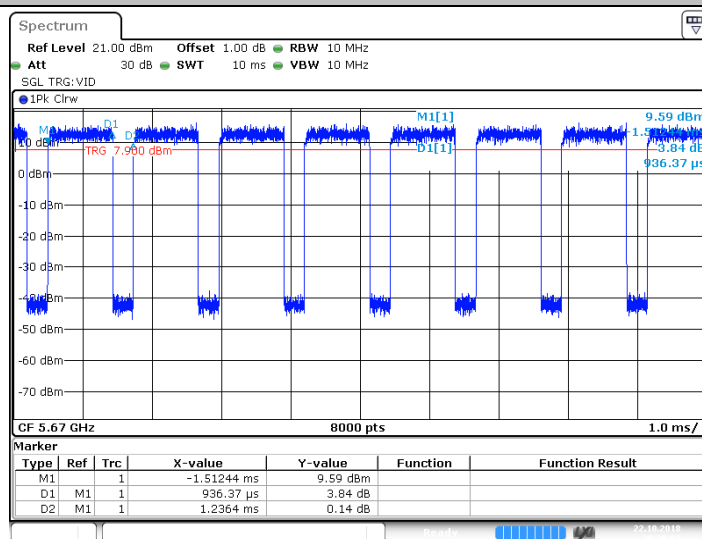
Date: 22.0 CT 2018 20:23:54

11N40MIMO_Ant2_5550



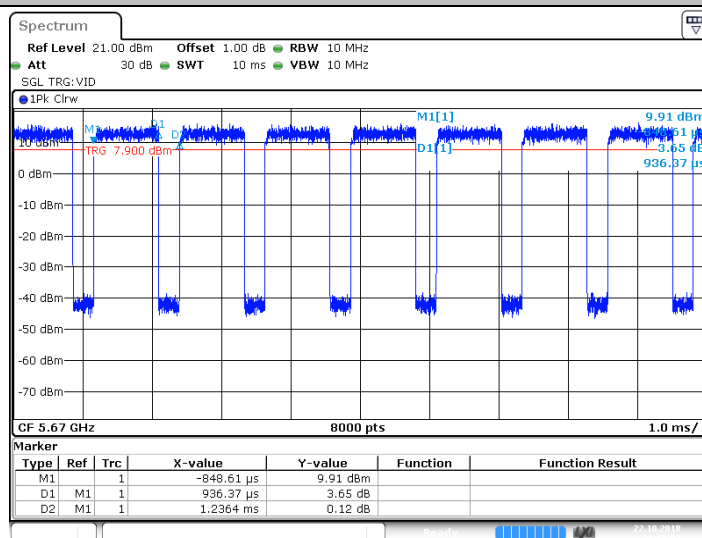
Date: 22.0 CT 2018 21:12:56

11N40MIMO_Ant1_5670



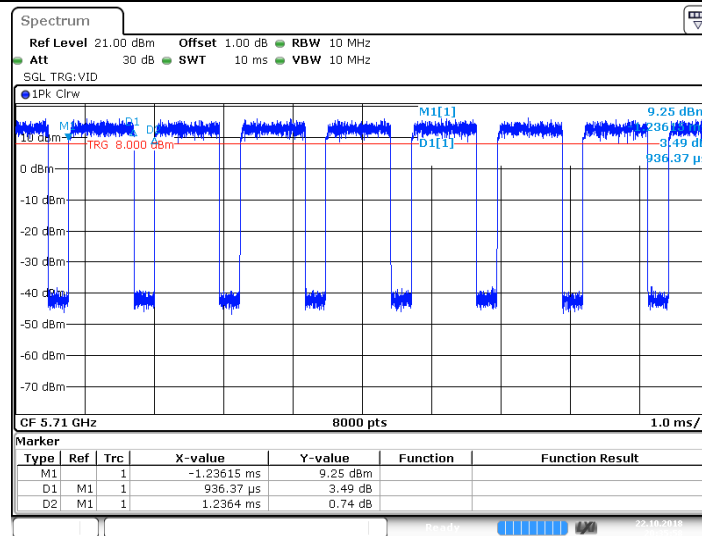
Date: 22.10.2018 20:29:03

11N40MIMO_Ant2_5670



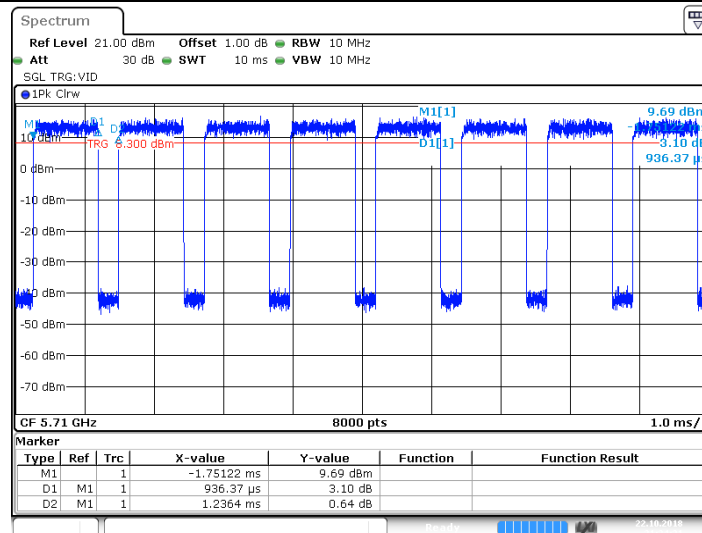
Date: 22.10.2018 21:18:03

11N40MIMO_Ant1_5710



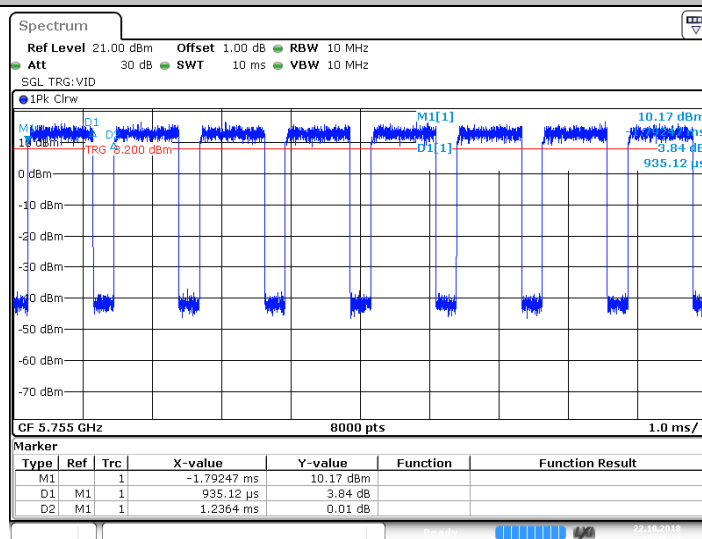
Date: 22.10.2018 20:35:58

11N40MIMO_Ant2_5710



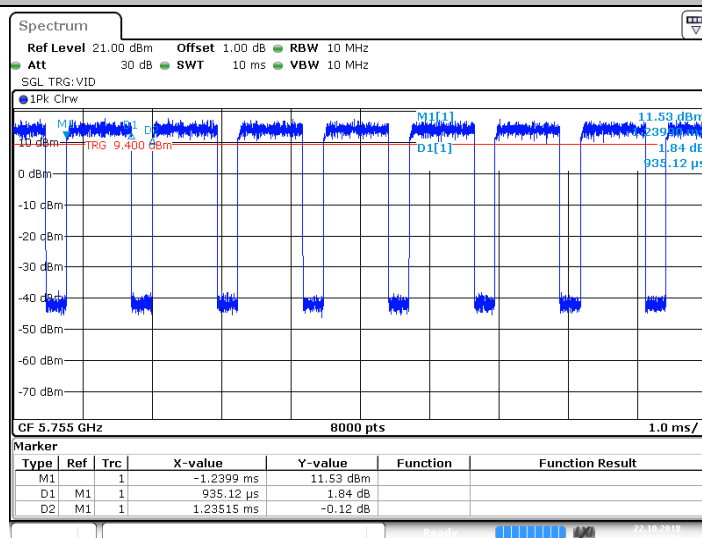
Date: 22.10.2018 21:24:21

11N40MIMO_Ant1_5755



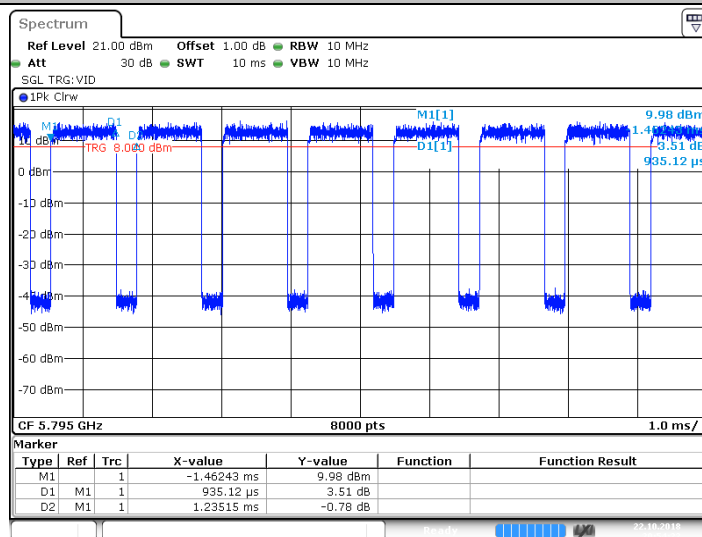
Date: 22.0 CT 2018 20:48:25

11N40MIMO_Ant2_5755



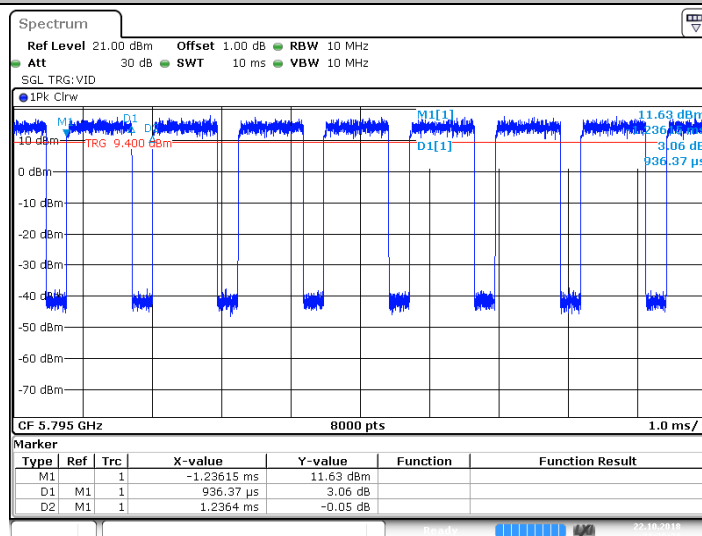
Date: 22.0 CT 2018 21:30:28

11N40MIMO_Ant1_5795



Date: 22.0 CT 2018 20:54:23

11N40MIMO_Ant2_5795



Date: 22.0 CT 2018 21:36:22