



Appendix A U-NII: Emission Bandwidth

1 Result Table for 26dB Emission Bandwidth

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	26dB Emission Bandwidth [MHz]	Verdict
11A20	36	5180	ANT 1	24.54	PASS
	36	5180	ANT 2	24.5	PASS
	48	5240	ANT 1	25.12	PASS
	48	5240	ANT 2	24.88	PASS
	52	5260	ANT 1	24.42	PASS
	52	5260	ANT 2	24.7	PASS
	64	5320	ANT 1	24.5	PASS
	64	5320	ANT 2	24.66	PASS
	100	5500	ANT 1	24.84	PASS
	100	5500	ANT 2	24.64	PASS
	140	5700	ANT 1	24.42	PASS
	140	5700	ANT 2	24.8	PASS
	144	5720	ANT 1	24.5	PASS
	144	5720	ANT 2	24.56	PASS
11N20	36	5180	ANT 1	25.34	PASS
	36	5180	ANT 2	25.64	PASS
	48	5240	ANT 1	25.14	PASS
	48	5240	ANT 2	24.62	PASS
	52	5260	ANT 1	24.94	PASS
	52	5260	ANT 2	25.38	PASS
	64	5320	ANT 1	25.54	PASS
	64	5320	ANT 2	25.12	PASS
	100	5500	ANT 1	25.22	PASS
	100	5500	ANT 2	25.58	PASS
	140	5700	ANT 1	24.92	PASS
	140	5700	ANT 2	24.94	PASS
	144	5720	ANT 1	24.98	PASS
	144	5720	ANT 2	25.48	PASS
11N20MIMO	36	5180	ANT 1	24.94	PASS
	36	5180	ANT 2	24.14	PASS
	48	5240	ANT 1	24.82	PASS
	48	5240	ANT 2	24.14	PASS
	52	5260	ANT 1	25.36	PASS
	52	5260	ANT 2	24.46	PASS

	64	5320	ANT 1	24.64	PASS
	64	5320	ANT 2	23.96	PASS
	100	5500	ANT 1	25	PASS
	100	5500	ANT 2	24.8	PASS
	140	5700	ANT 1	24.64	PASS
	140	5700	ANT 2	24.76	PASS
	144	5720	ANT 1	24.8	PASS
	144	5720	ANT 2	23.84	PASS
11N40	38	5190	ANT 1	45.22	PASS
	38	5190	ANT 2	45.6	PASS
	46	5230	ANT 1	44.88	PASS
	46	5230	ANT 2	44.58	PASS
	54	5270	ANT 1	45	PASS
	54	5270	ANT 2	45.32	PASS
	62	5310	ANT 1	45.58	PASS
	62	5310	ANT 2	44.68	PASS
	102	5510	ANT 1	45.94	PASS
	102	5510	ANT 2	45.06	PASS
	134	5670	ANT 1	44.62	PASS
	134	5670	ANT 2	45.9	PASS
	142	5710	ANT 1	45.36	PASS
	142	5710	ANT 2	44.94	PASS
11N40MIMO	38	5190	ANT 1	45.86	PASS
	38	5190	ANT 2	43.98	PASS
	46	5230	ANT 1	46.16	PASS
	46	5230	ANT 2	44.4	PASS
	54	5270	ANT 1	46.56	PASS
	54	5270	ANT 2	44.32	PASS
	62	5310	ANT 1	46.64	PASS
	62	5310	ANT 2	44.3	PASS
	102	5510	ANT 1	45.72	PASS
	102	5510	ANT 2	43.94	PASS
	134	5670	ANT 1	45.76	PASS
	134	5670	ANT 2	44.62	PASS
	142	5710	ANT 1	46.62	PASS
	142	5710	ANT 2	44.6	PASS
11AC20	36	5180	ANT 1	25.74	PASS
	36	5180	ANT 2	25.3	PASS
	48	5240	ANT 1	25.52	PASS
	48	5240	ANT 2	25.58	PASS
	52	5260	ANT 1	25.5	PASS

	52	5260	ANT 2	25.44	PASS
	64	5320	ANT 1	25.74	PASS
	64	5320	ANT 2	25.1	PASS
	100	5500	ANT 1	25	PASS
	100	5500	ANT 2	25.3	PASS
	140	5700	ANT 1	25.32	PASS
	140	5700	ANT 2	25.12	PASS
	144	5720	ANT 1	25.08	PASS
	144	5720	ANT 2	25.24	PASS
11AC20MIMO	36	5180	ANT 1	24.9	PASS
	36	5180	ANT 2	24.14	PASS
	48	5240	ANT 1	24.88	PASS
	48	5240	ANT 2	23.8	PASS
	52	5260	ANT 1	25.68	PASS
	52	5260	ANT 2	24.36	PASS
	64	5320	ANT 1	25.64	PASS
	64	5320	ANT 2	24.34	PASS
	100	5500	ANT 1	24.2	PASS
	100	5500	ANT 2	24.26	PASS
	140	5700	ANT 1	25.52	PASS
	140	5700	ANT 2	24.3	PASS
	144	5720	ANT 1	24.72	PASS
	144	5720	ANT 2	24.46	PASS
11AC40	38	5190	ANT 1	46.14	PASS
	38	5190	ANT 2	45.82	PASS
	46	5230	ANT 1	46.06	PASS
	46	5230	ANT 2	45.3	PASS
	54	5270	ANT 1	45.74	PASS
	54	5270	ANT 2	45.76	PASS
	62	5310	ANT 1	46.02	PASS
	62	5310	ANT 2	45.62	PASS
	102	5510	ANT 1	46.34	PASS
	102	5510	ANT 2	50.32	PASS
	134	5670	ANT 1	45.4	PASS
	134	5670	ANT 2	45.2	PASS
	142	5710	ANT 1	45.86	PASS
	142	5710	ANT 2	45.78	PASS
11AC40MIMO	38	5190	ANT 1	45.96	PASS
	38	5190	ANT 2	44.26	PASS
	46	5230	ANT 1	45.74	PASS
	46	5230	ANT 2	44.82	PASS

	54	5270	ANT 1	46.2	PASS
	54	5270	ANT 2	44.2	PASS
	62	5310	ANT 1	46.2	PASS
	62	5310	ANT 2	44.92	PASS
	102	5510	ANT 1	45.5	PASS
	102	5510	ANT 2	44.78	PASS
	134	5670	ANT 1	45.38	PASS
	134	5670	ANT 2	45.14	PASS
	142	5710	ANT 1	45.88	PASS
	142	5710	ANT 2	45.24	PASS
11AC80	42	5210	ANT 1	86.19	PASS
	42	5210	ANT 2	86.03	PASS
	58	5290	ANT 1	87.84	PASS
	58	5290	ANT 2	86.13	PASS
	106	5530	ANT 1	86.88	PASS
	106	5530	ANT 2	96.48	PASS
	138	5690	ANT 1	87.09	PASS
	138	5690	ANT 2	86.61	PASS
11AC80MIMO	42	5210	ANT 1	85.65	PASS
	42	5210	ANT 2	84.53	PASS
	58	5290	ANT 1	86.67	PASS
	58	5290	ANT 2	85.49	PASS
	106	5530	ANT 1	85.87	PASS
	106	5530	ANT 2	85.55	PASS
	138	5690	ANT 1	84.96	PASS
	138	5690	ANT 2	84.27	PASS

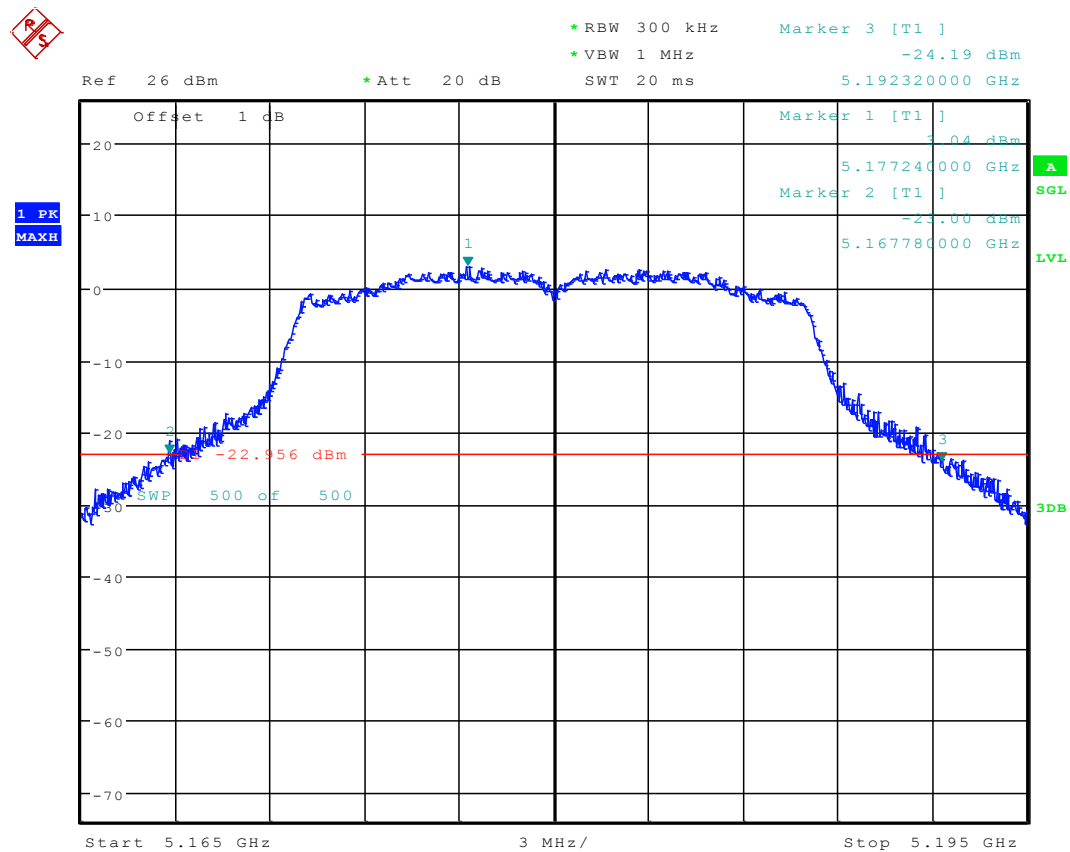
2 Result Table for 6dB Emission Bandwidth

Test Mode	Test Channel	Frequency [MHz]	ANT	6dB Emission Bandwidth [MHz]	Verdict
11A20	149	5745	ANT 1	15.18	PASS
	149	5745	ANT 2	15.38	PASS
	165	5825	ANT 1	15.18	PASS
	165	5825	ANT 2	15.16	PASS
11N20	149	5745	ANT 1	15.36	PASS
	149	5745	ANT 2	15.38	PASS
	165	5825	ANT 1	15.16	PASS
	165	5825	ANT 2	15.48	PASS
11N20MIMO	149	5745	ANT 1	15.48	PASS
	149	5745	ANT 2	16.34	PASS
	165	5825	ANT 1	15.16	PASS
	165	5825	ANT 2	16.54	PASS
11N40	151	5755	ANT 1	35.12	PASS
	151	5755	ANT 2	35.12	PASS
	159	5795	ANT 1	35.12	PASS
	159	5795	ANT 2	35.12	PASS
11N40MIMO	151	5755	ANT 1	35.12	PASS
	151	5755	ANT 2	35.12	PASS
	159	5795	ANT 1	35.16	PASS
	159	5795	ANT 2	35.12	PASS
11AC20	149	5745	ANT 1	15.18	PASS
	149	5745	ANT 2	15.16	PASS
	165	5825	ANT 1	15.16	PASS
	165	5825	ANT 2	15.16	PASS
11AC20MIMO	149	5745	ANT 1	15.7	PASS
	149	5745	ANT 2	16.34	PASS
	165	5825	ANT 1	15.16	PASS
	165	5825	ANT 2	16.32	PASS
11AC40	151	5755	ANT 1	35.1	PASS
	151	5755	ANT 2	35.12	PASS
	159	5795	ANT 1	35.14	PASS
	159	5795	ANT 2	35.14	PASS
11AC40MIMO	151	5755	ANT 1	35.12	PASS
	151	5755	ANT 2	35.12	PASS

	159	5795	ANT 1	35.12	PASS
	159	5795	ANT 2	35.12	PASS
11AC80	155	5775	ANT 1	75.15	PASS
	155	5775	ANT 2	72.69	PASS
11AC80MIMO	155	5775	ANT 1	72.69	PASS
	155	5775	ANT 2	72.69	PASS

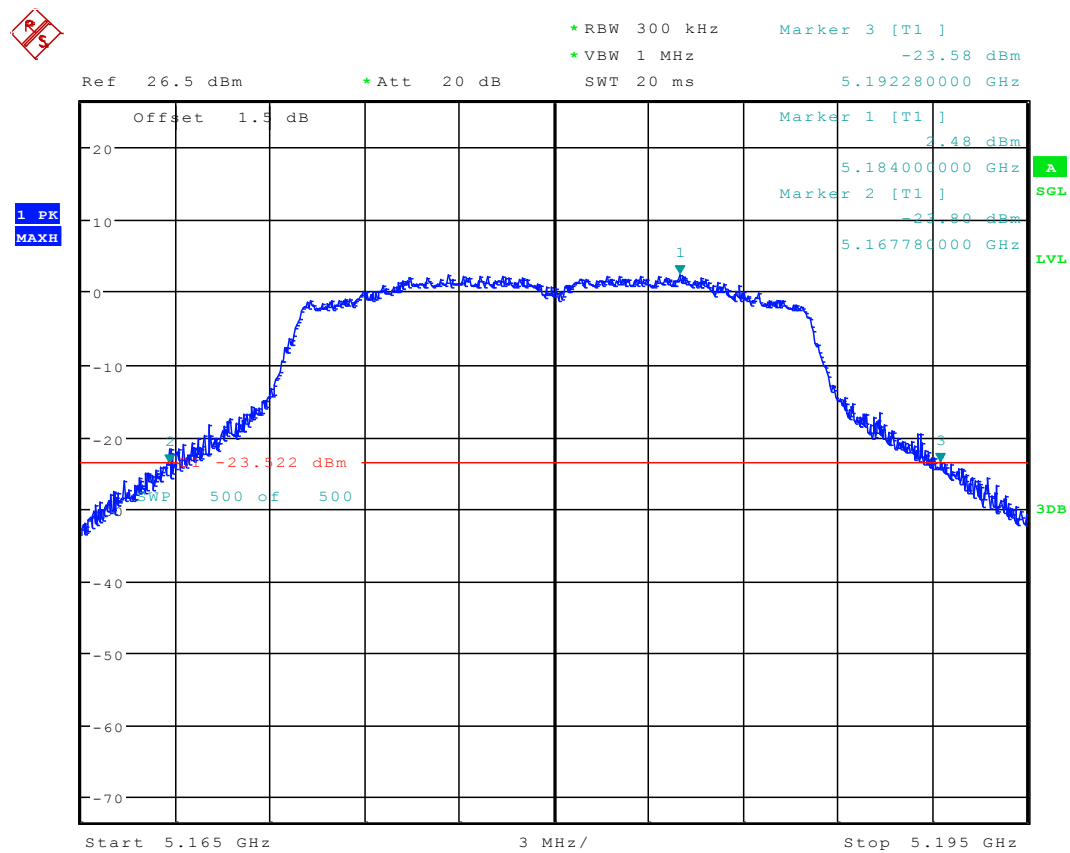
3 Test Plot for 26dB Emission Bandwidth

3.1 11A20_36 ANT 1



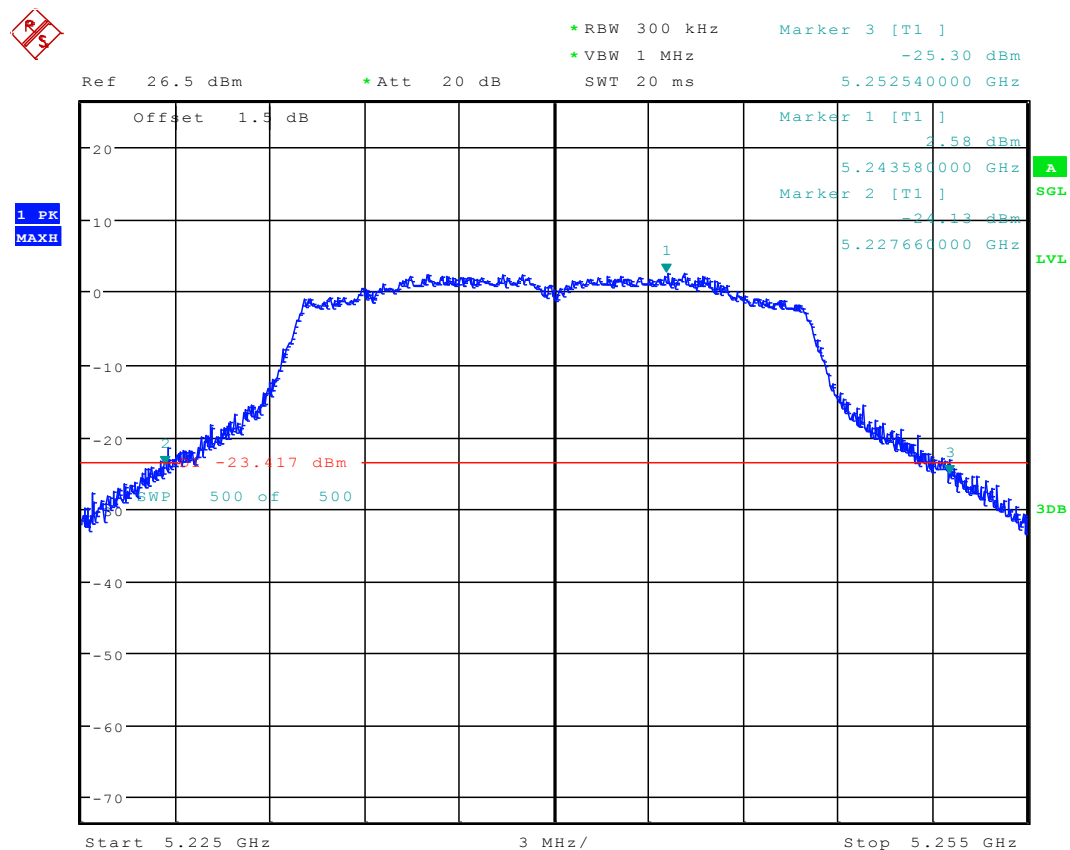
Date: 22.JAN.2018 13:48:06

3.2 11A20_36 ANT 2



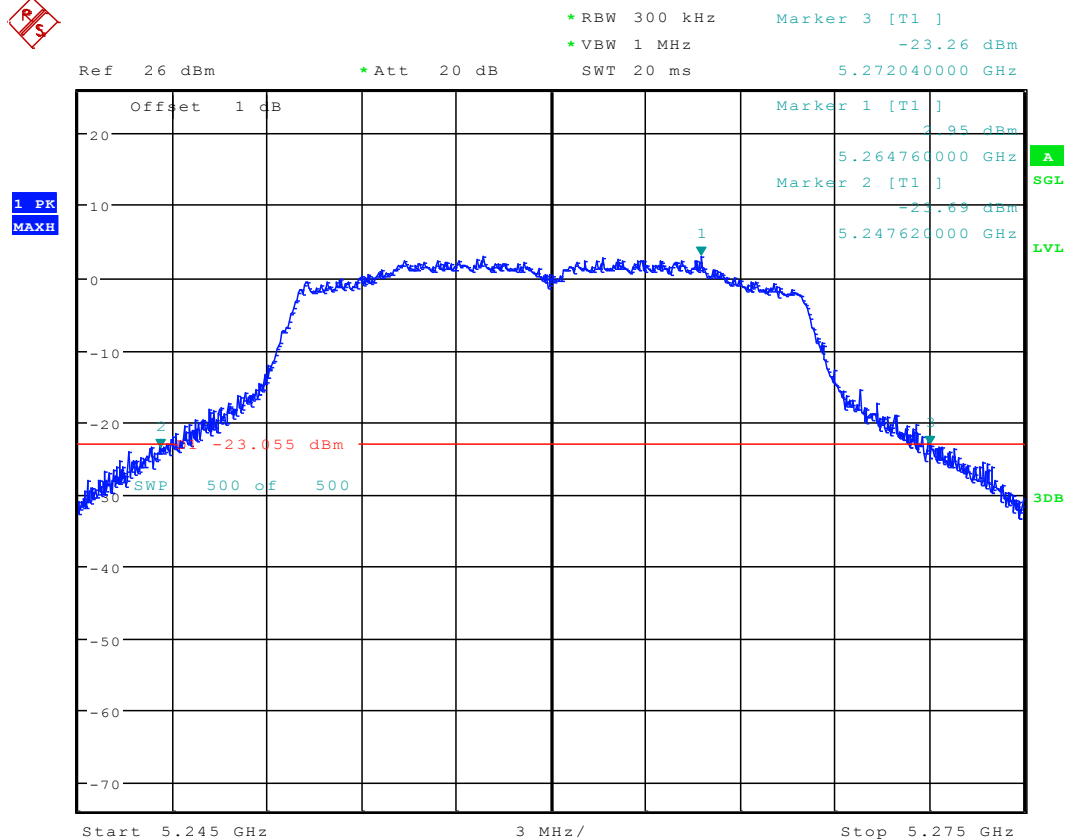
Date: 24.JAN.2018 11:06:40

3.4 11A20_48 ANT 2



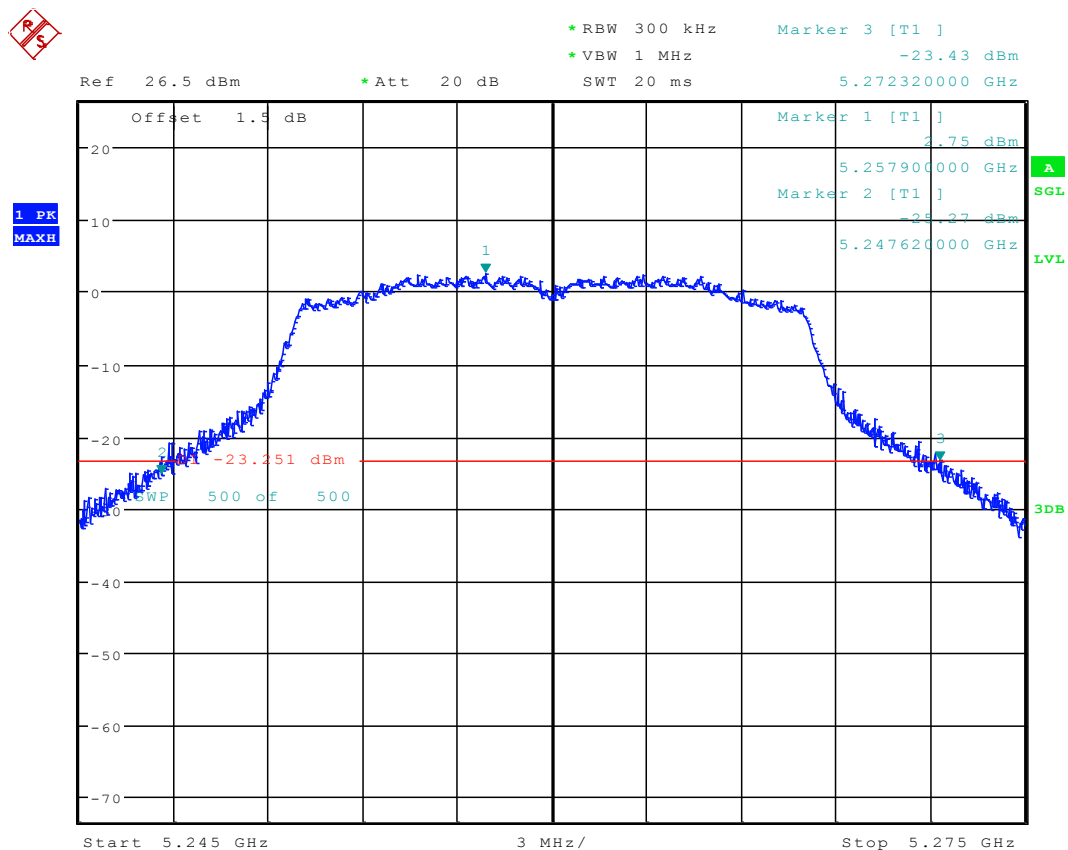
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3.5 11A20_52 ANT 1



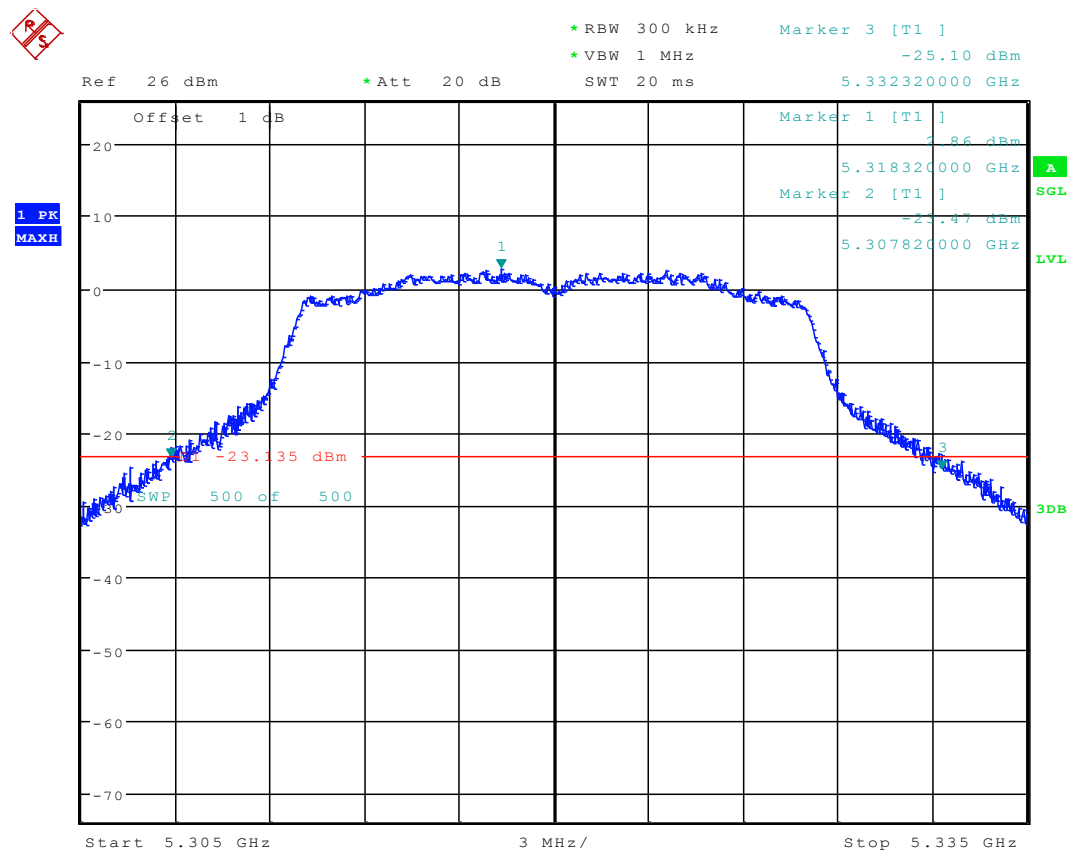
Date: 22.JAN.2018 14:23:00

3.6 11A20_52 ANT 2



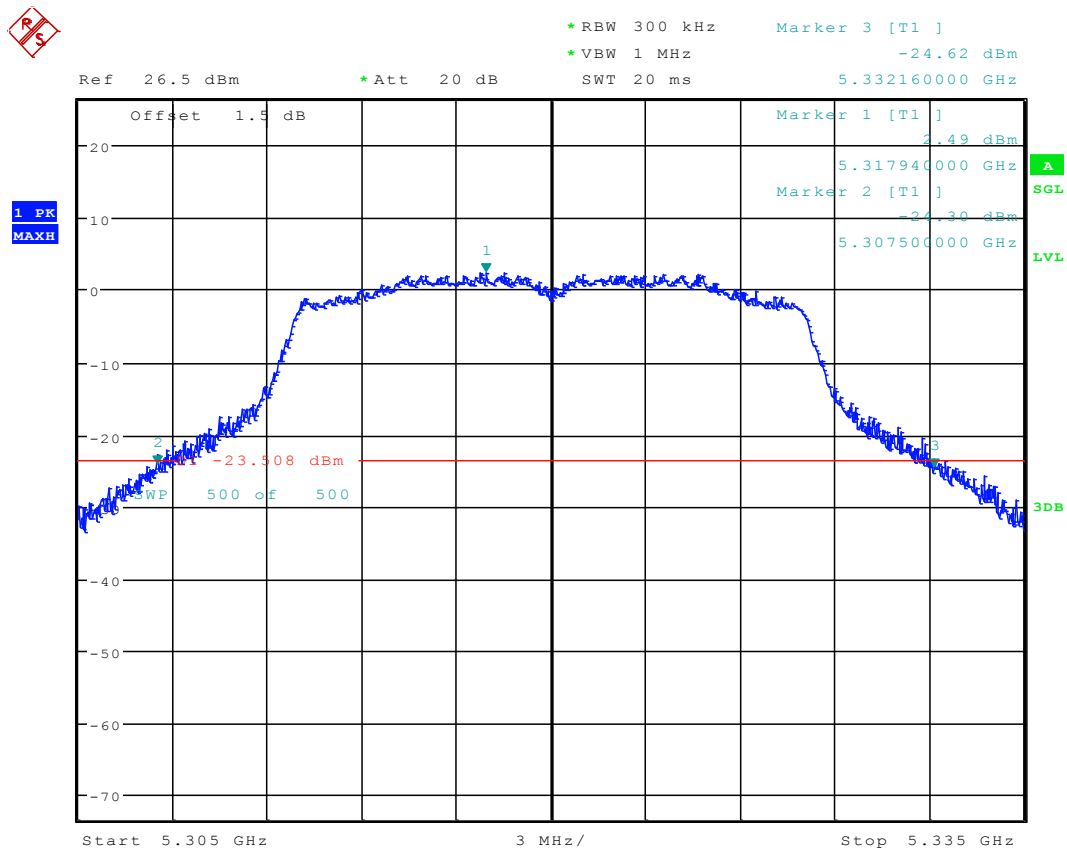
Date: 24.JAN.2018 11:12:08

3.7 11A20_64 ANT 1



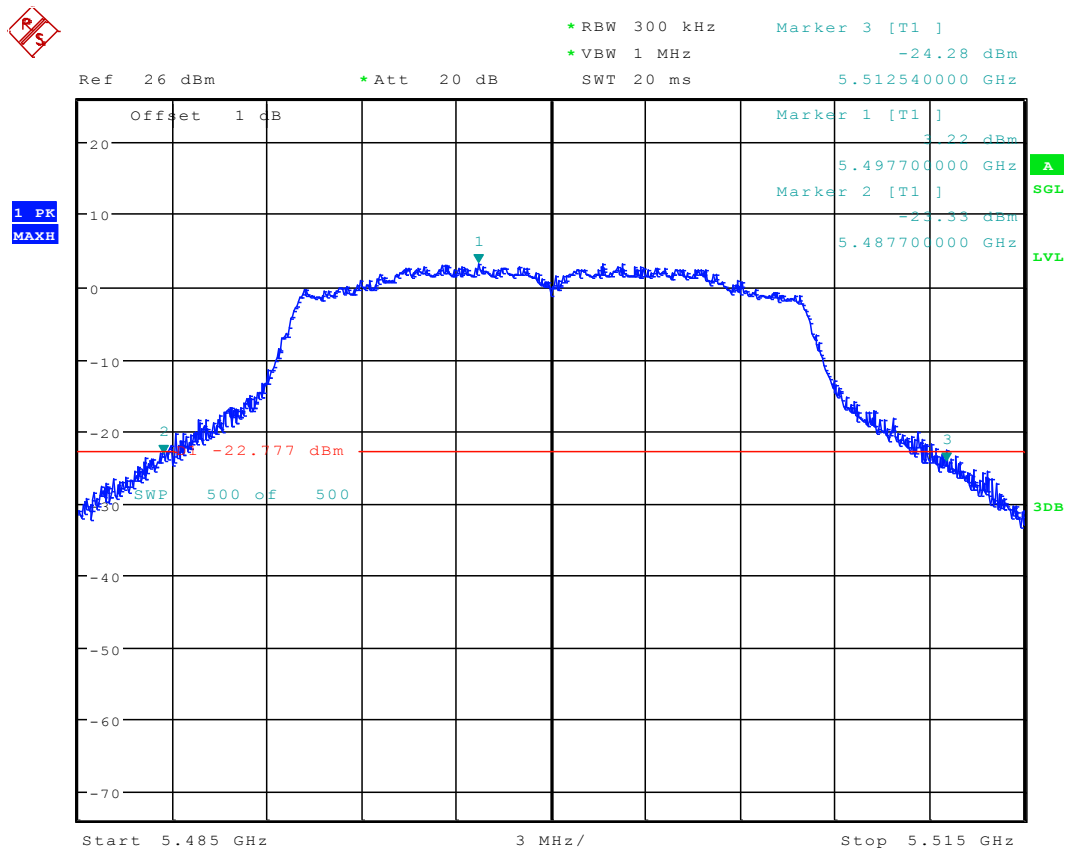
Date: 22.JAN.2018 14:25:24

3.8 11A20_64 ANT 2



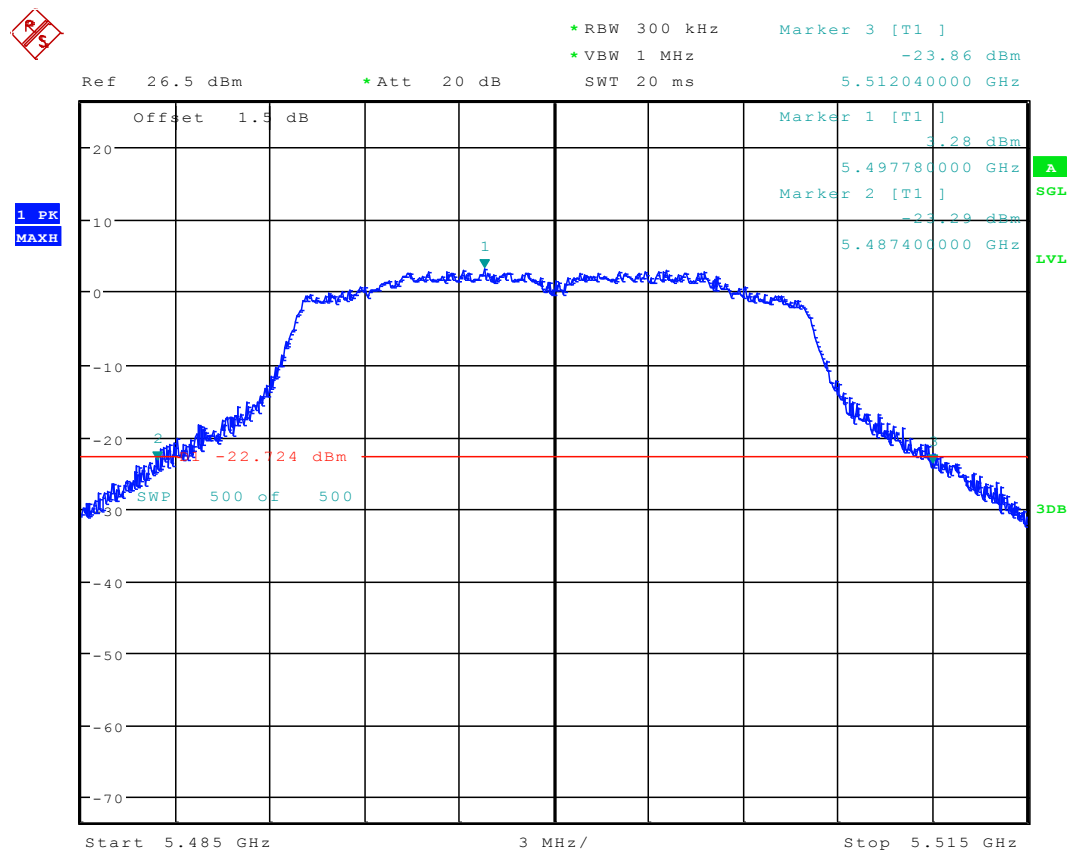
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3.9 11A20_100 ANT 1



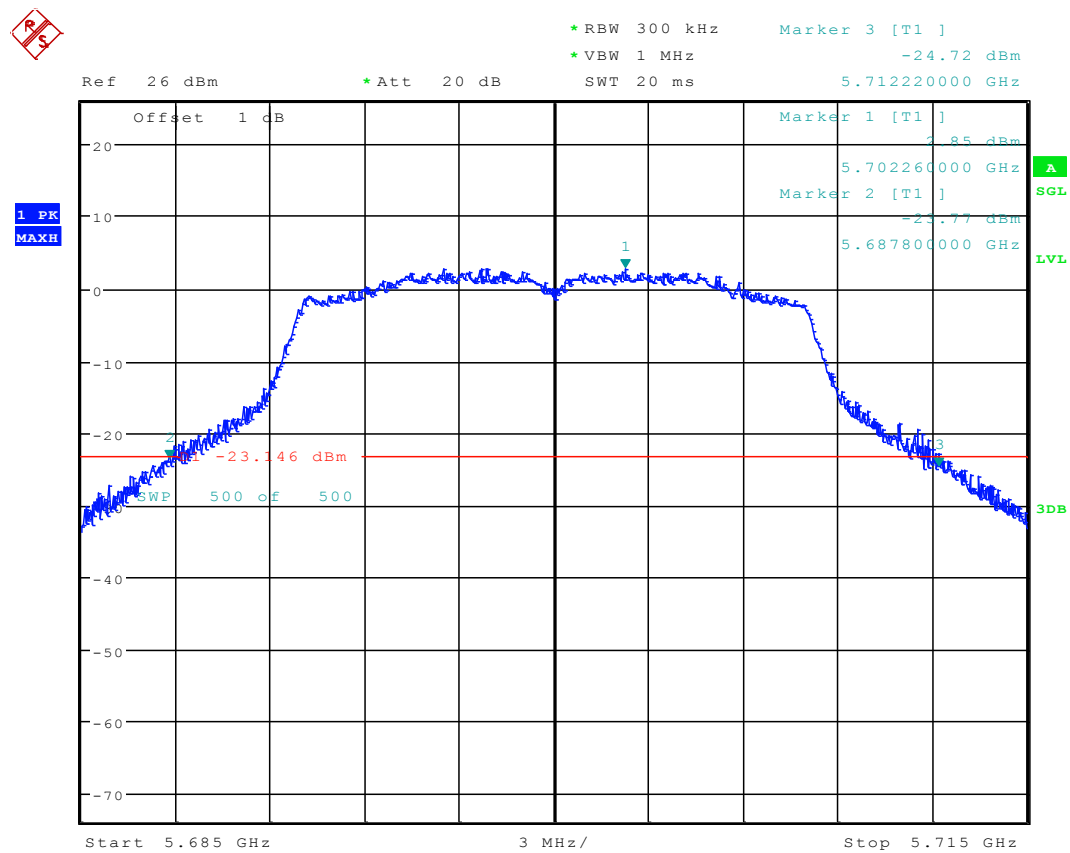
Date: 22.JAN.2018 14:28:51

3.10 11A20_100 ANT 2



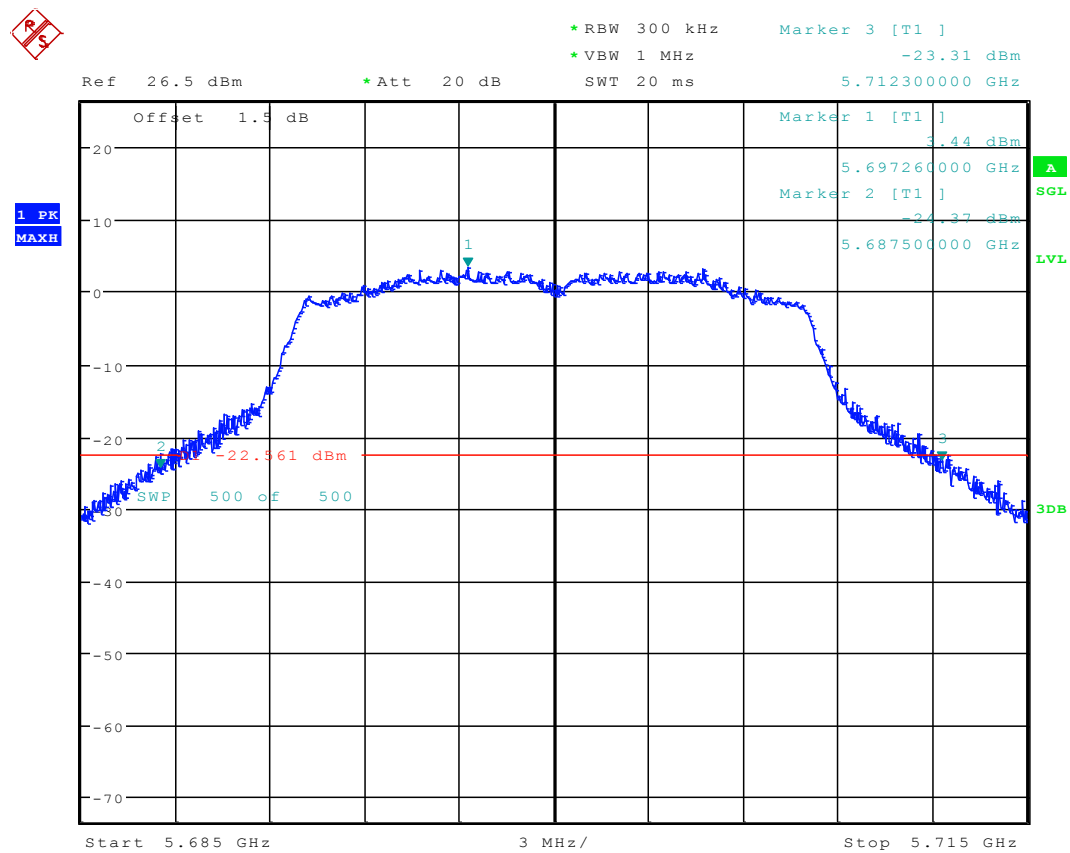
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3.11 11A20_140 ANT 1



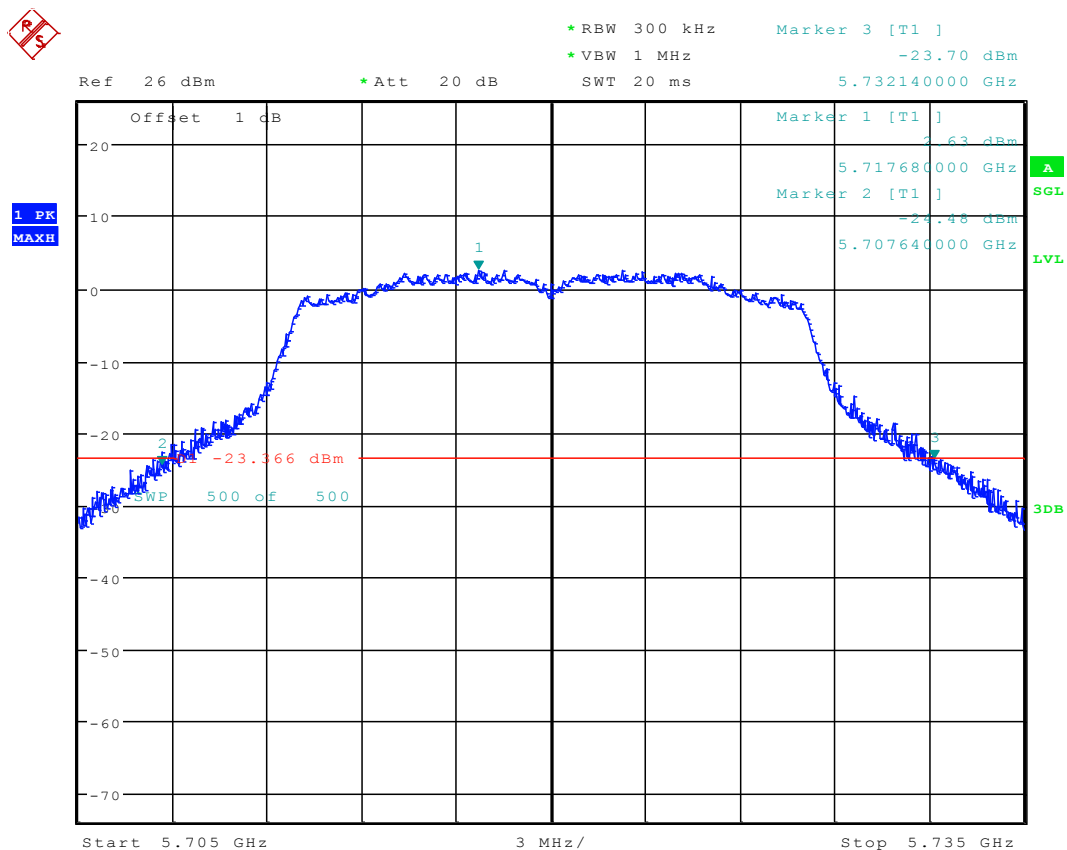
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3.12 11A20_140 ANT 2



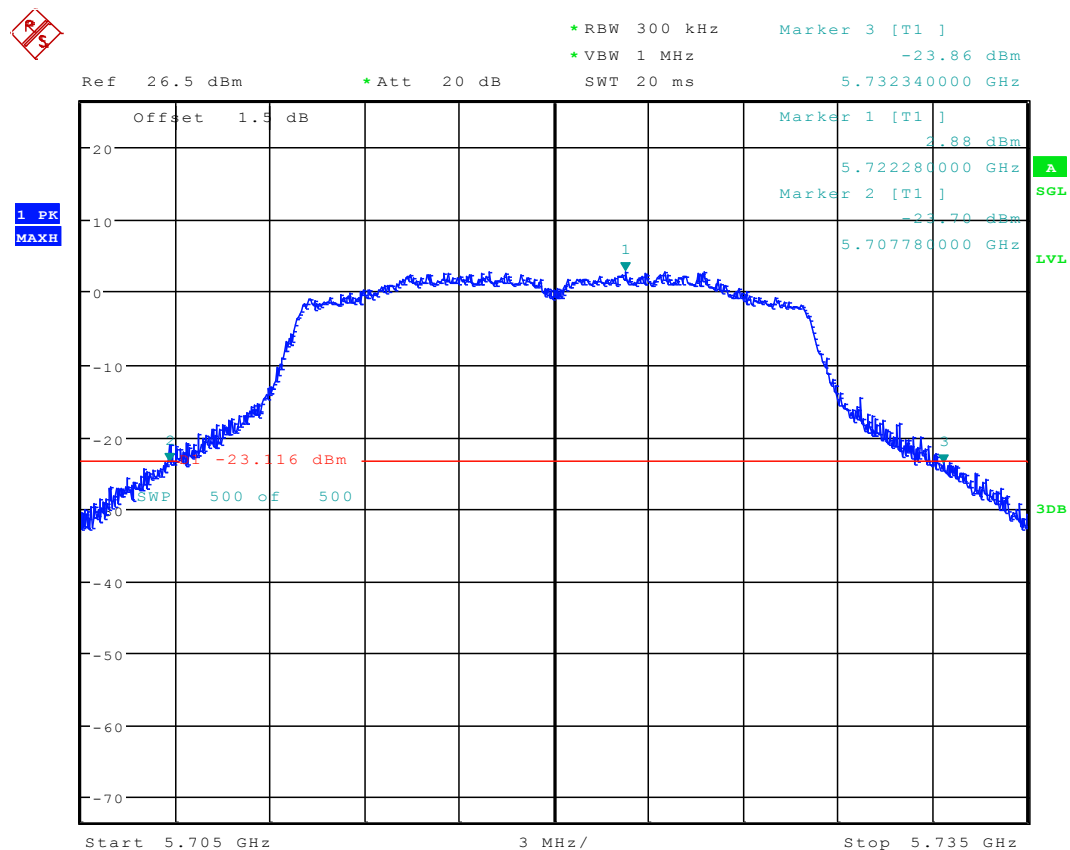
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3.13 11A20_144 ANT 1



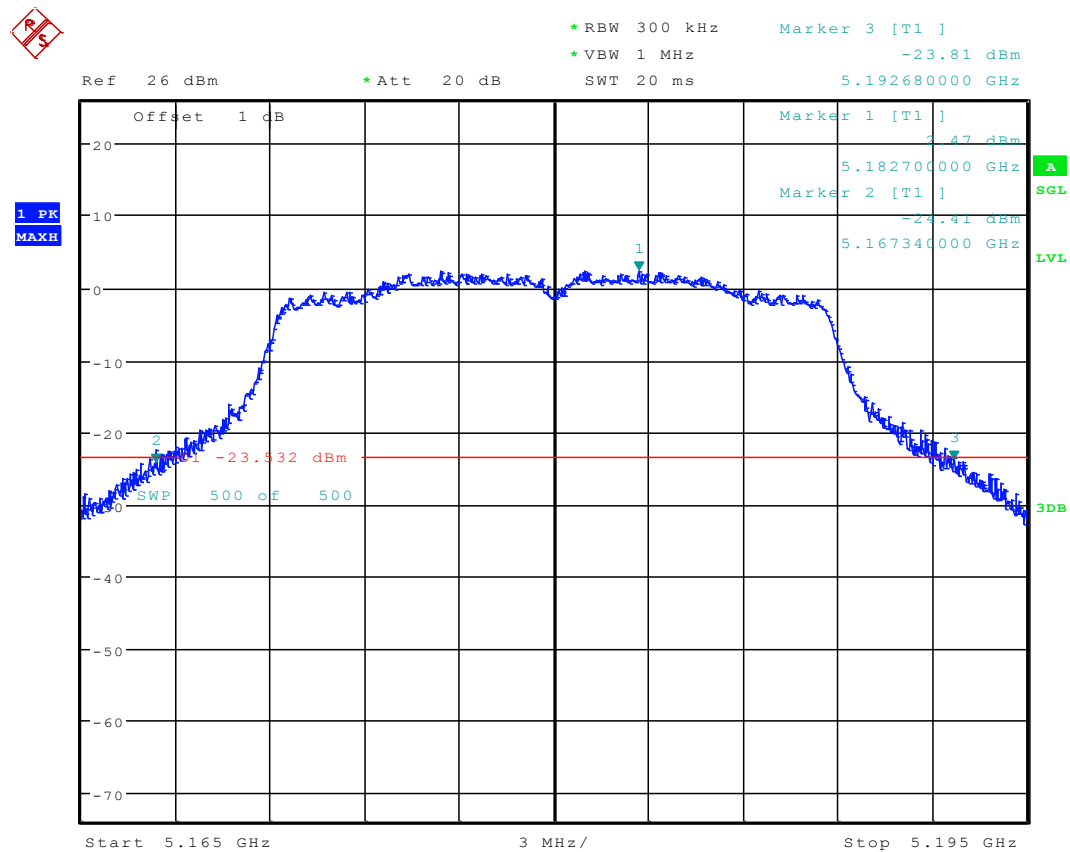
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3.14 11A20_144 ANT 2



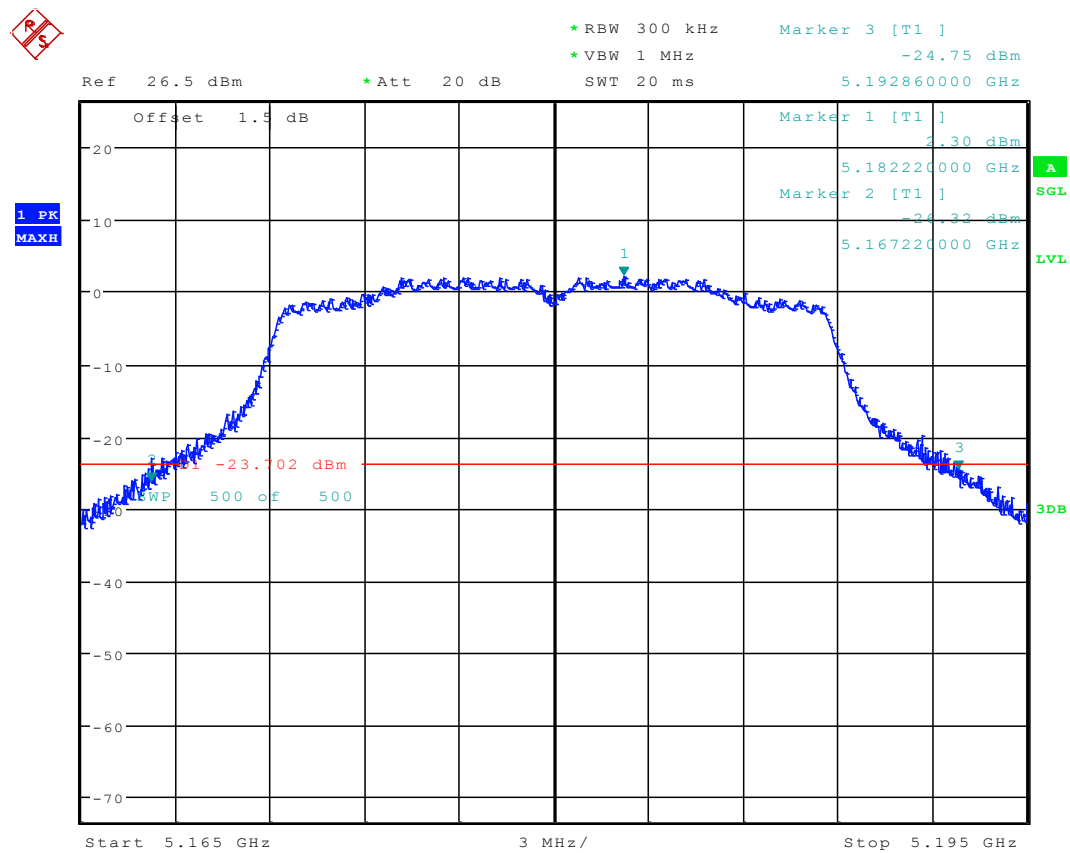
Date: 24.JAN.2018 11:25:25

3.15 11N20_36 ANT 1



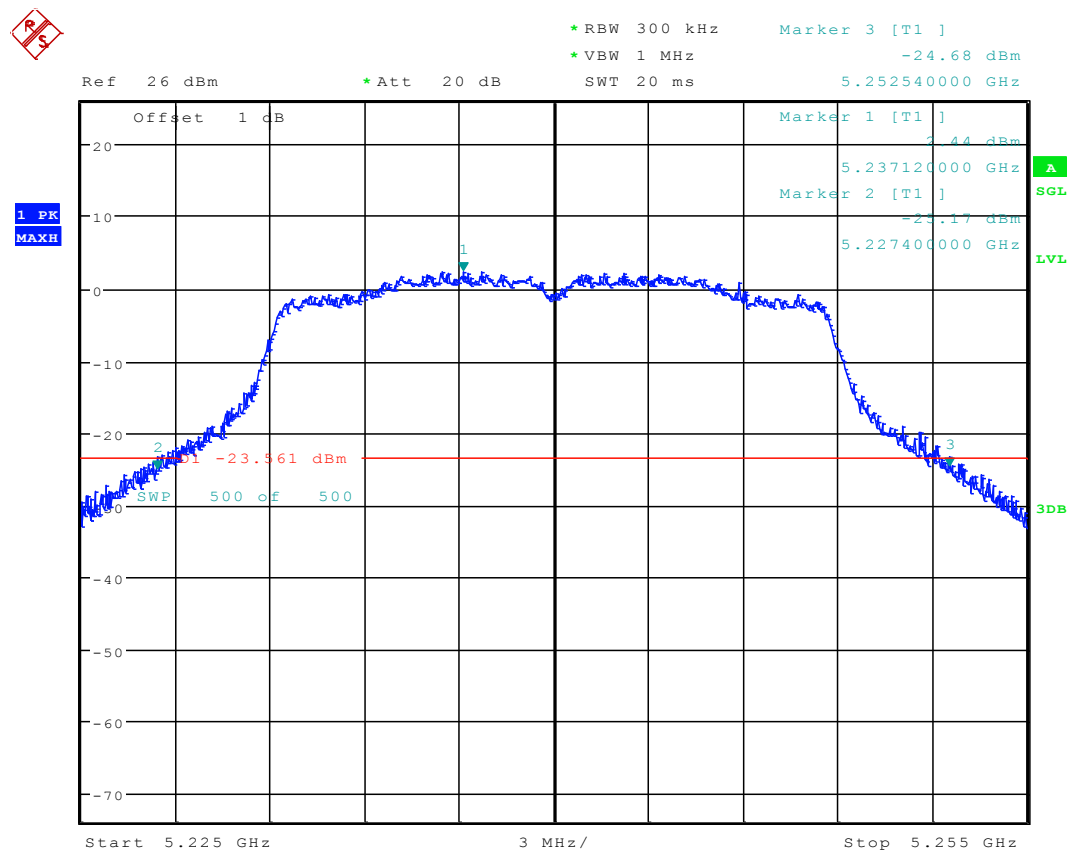
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3.16 11N20_36 ANT 2



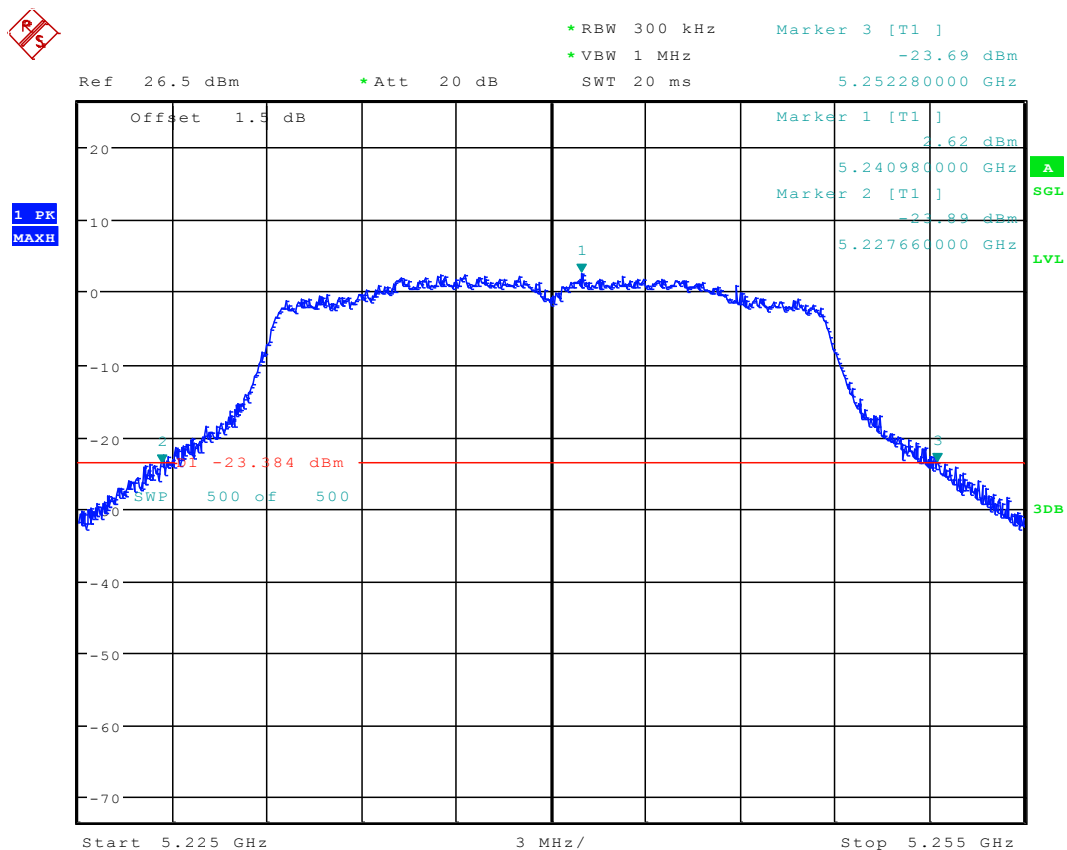
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3.17 11N20_48 ANT 1



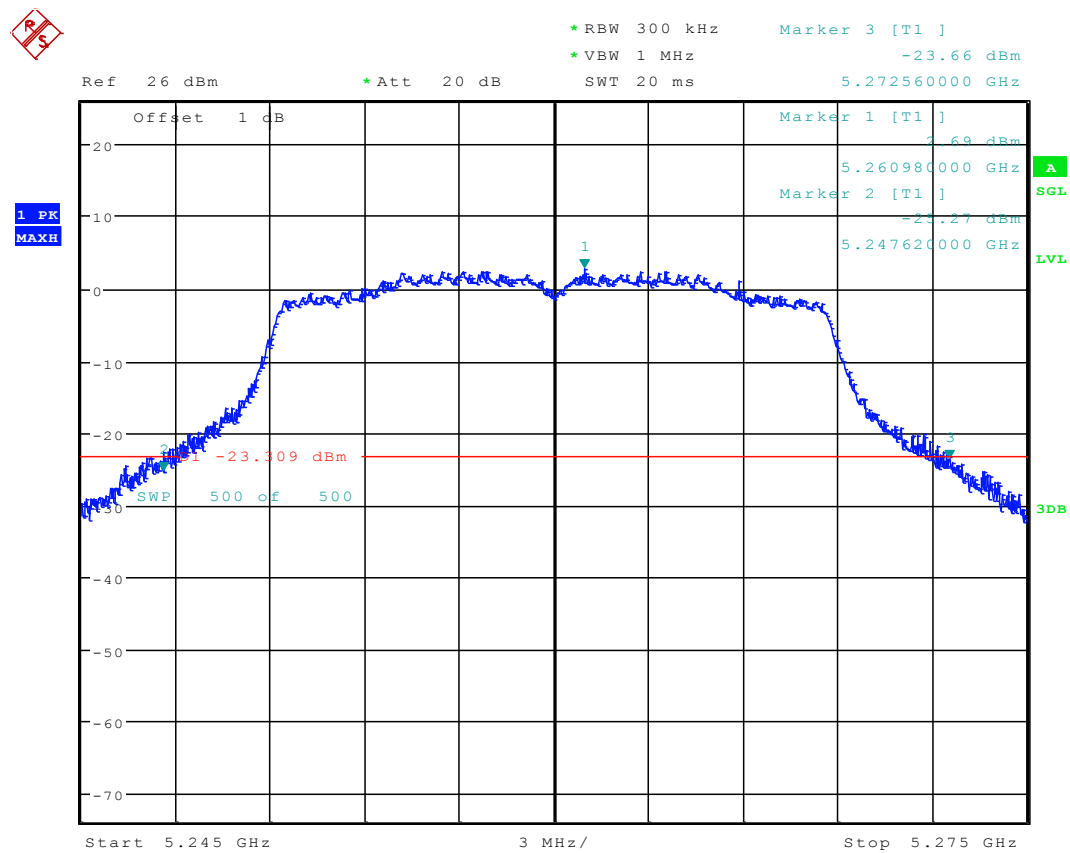
Date: 22.JAN.2018 14:53:39

3.18 11N20_48 ANT 2



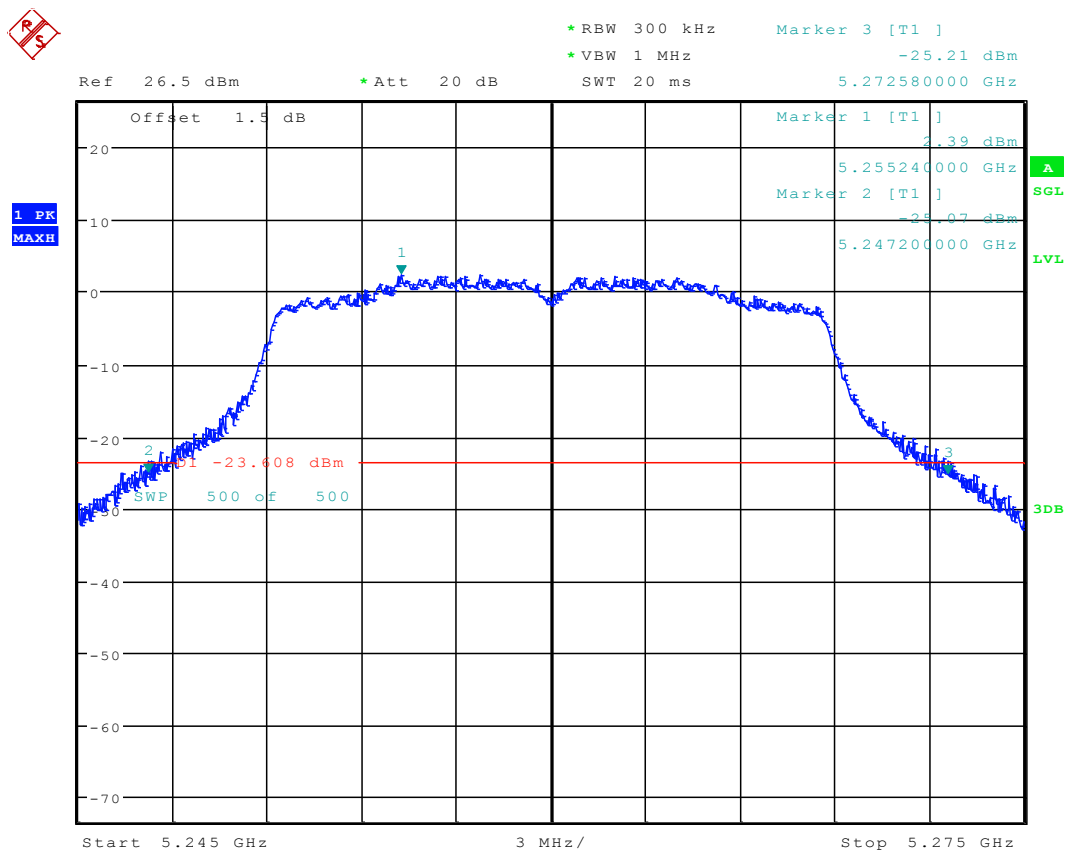
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3.19 11N20_52 ANT 1



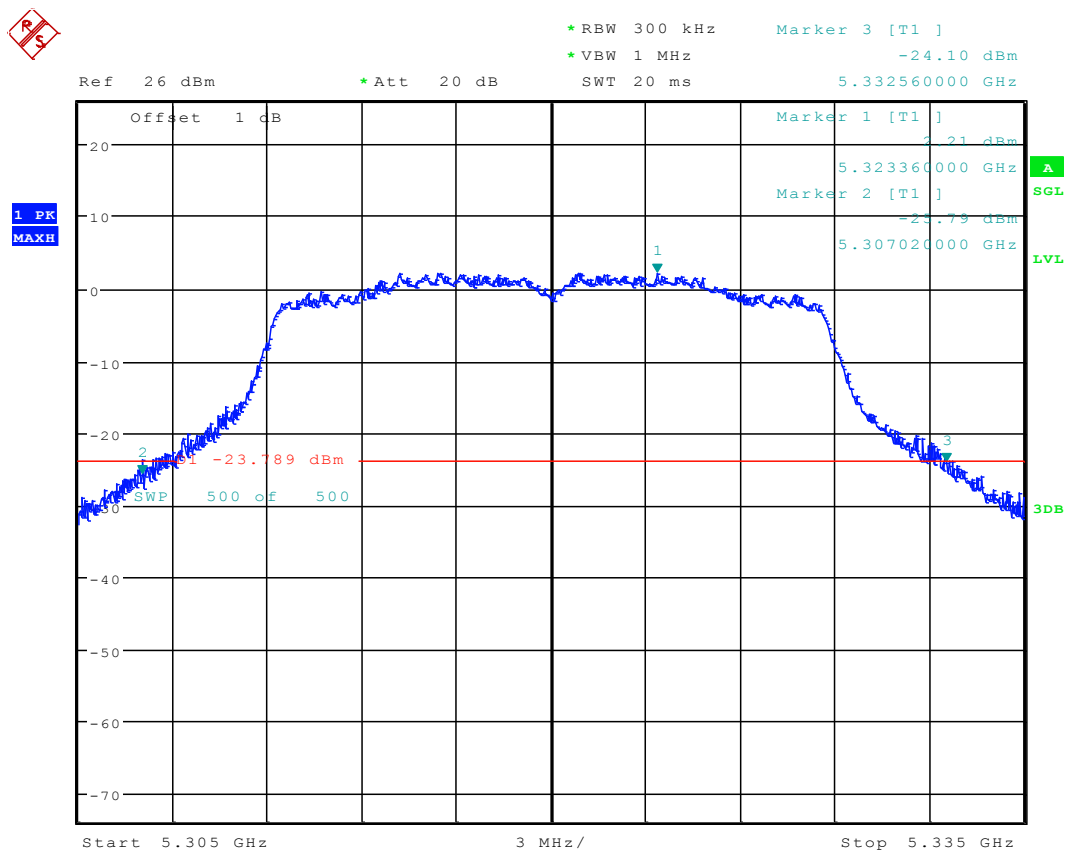
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3.20 11N20_52 ANT 2



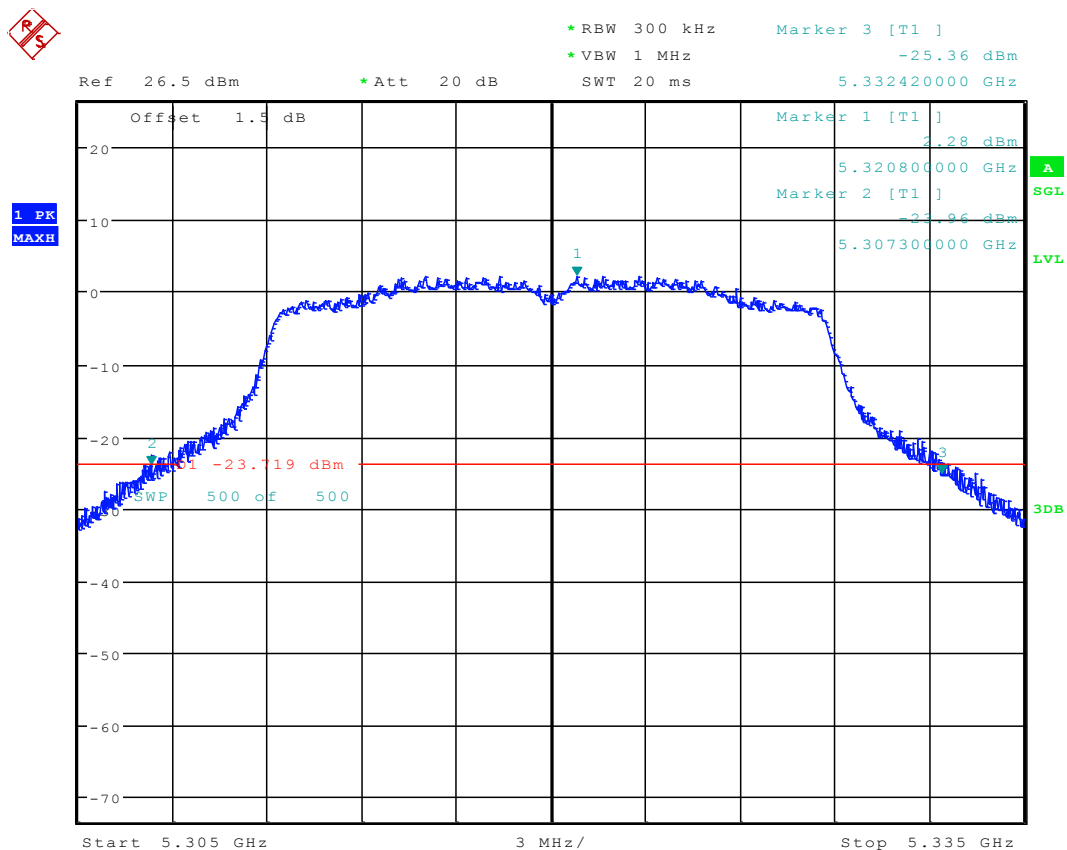
Date: 24.JAN.2018 11:48:51

3.21 11N20_64 ANT 1



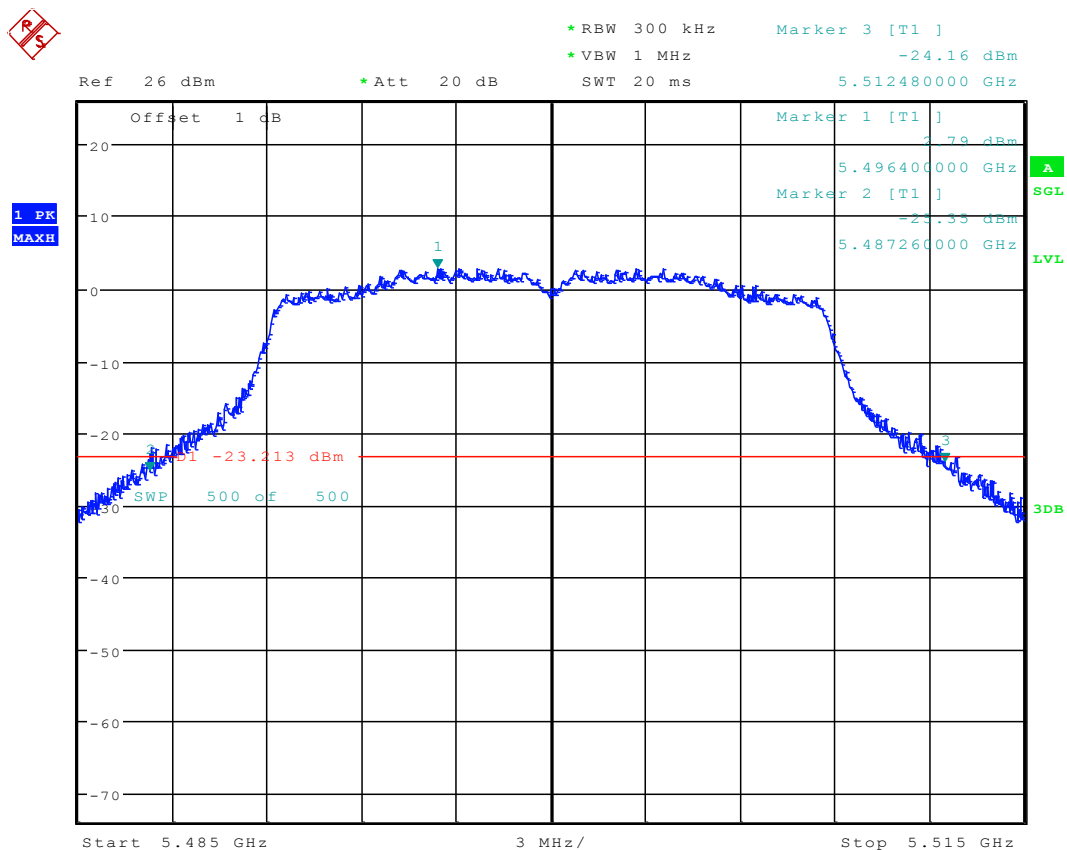
Date: 22.JAN.2018 15:01:17

3.22 11N20_64 ANT 2



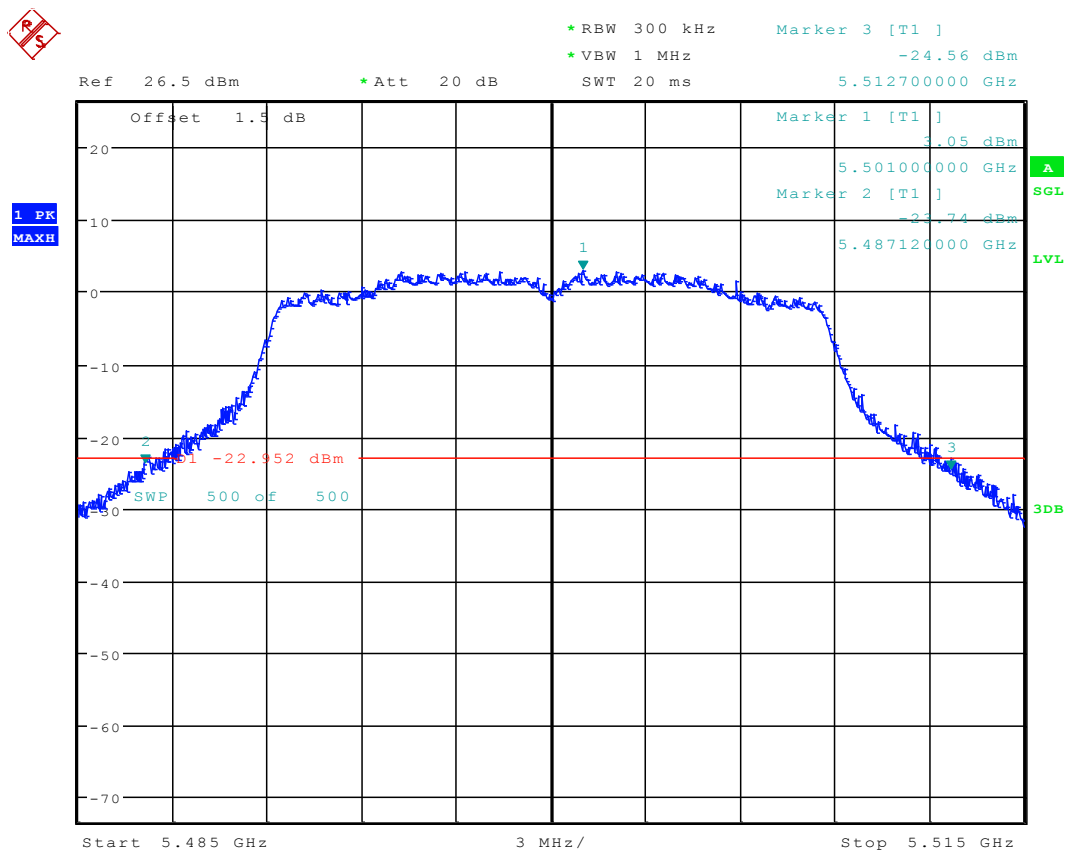
Date: 24.JAN.2018 11:51:31

3.23 11N20_100 ANT 1



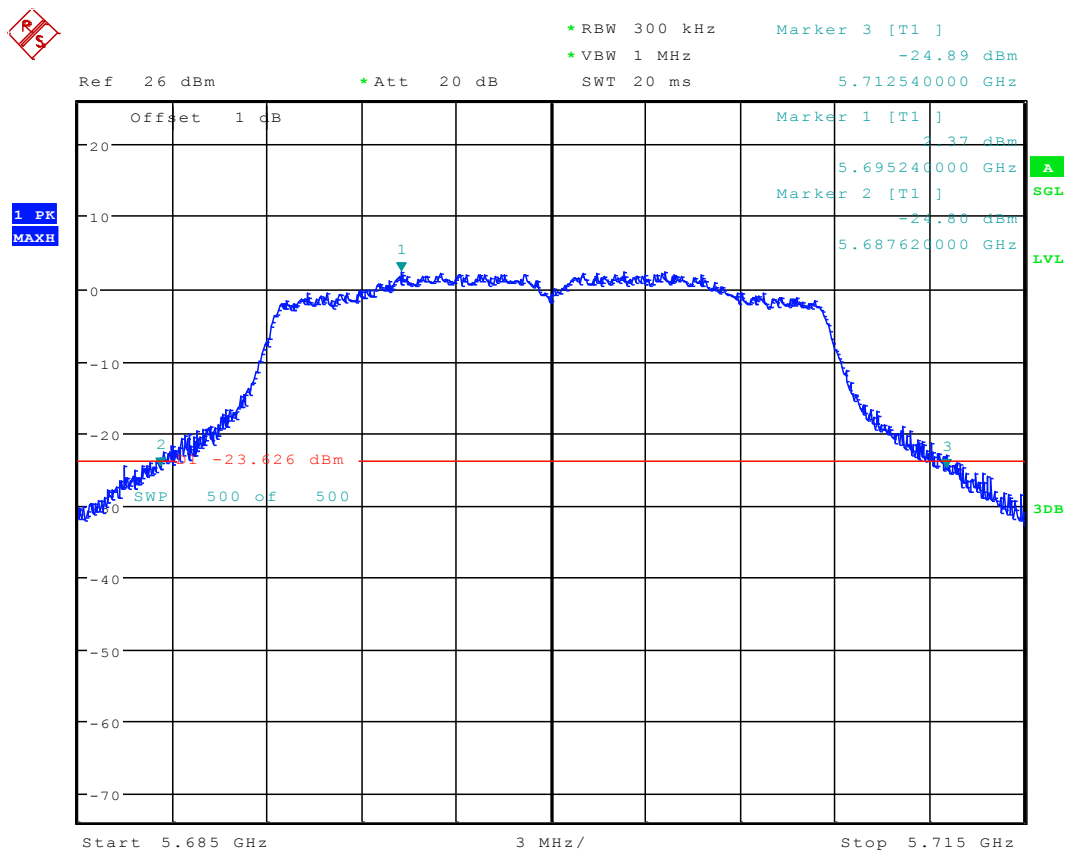
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3.24 11N20_100 ANT 2



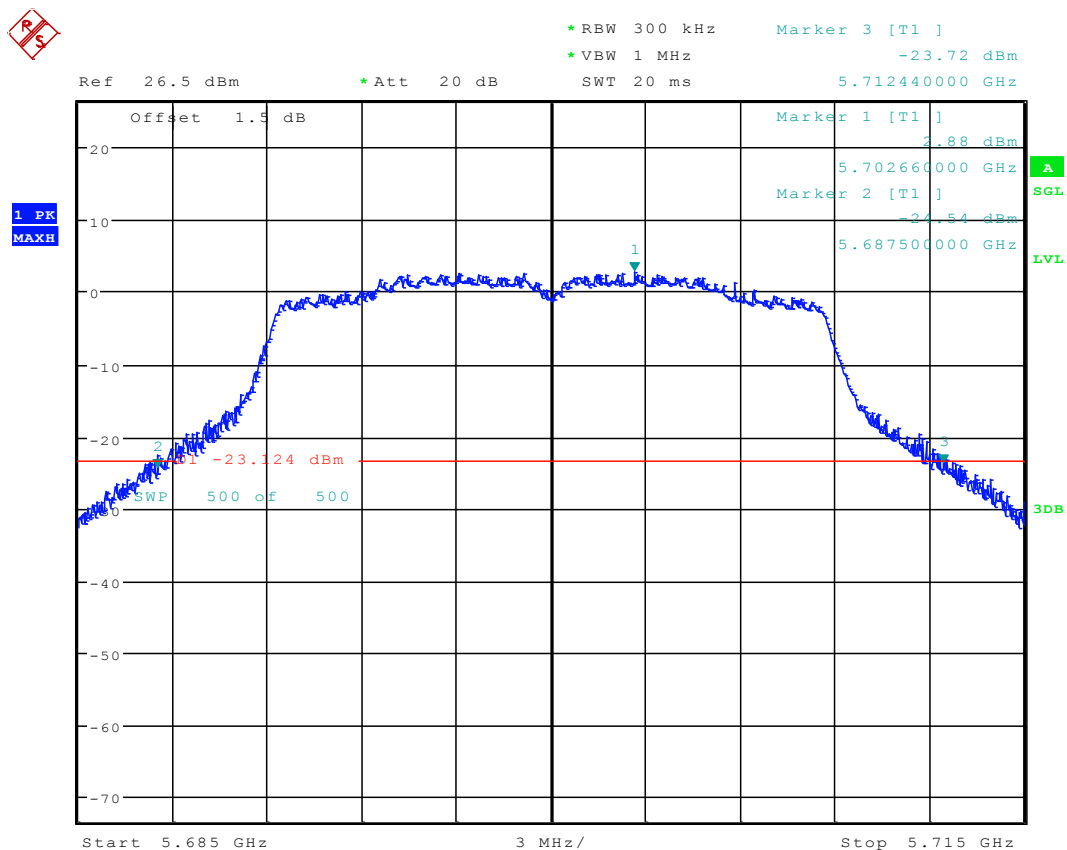
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3.25 11N20_140 ANT 1



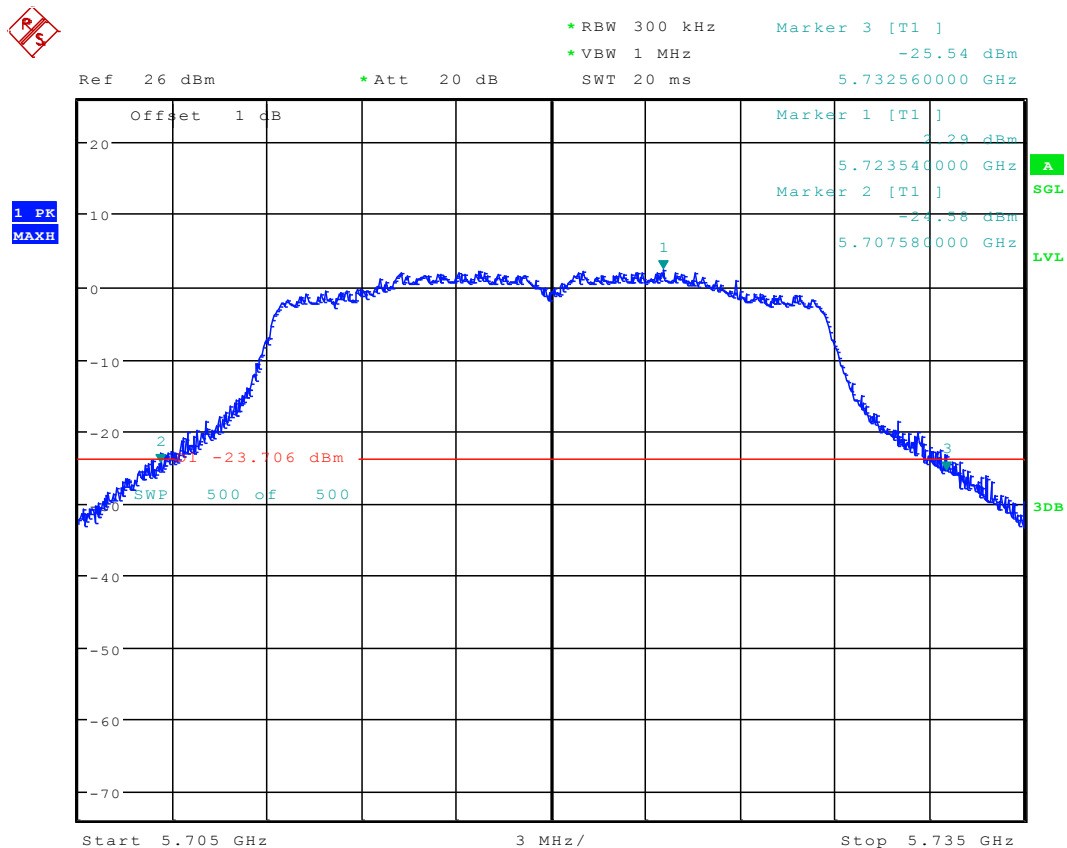
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3.26 11N20_140 ANT 2



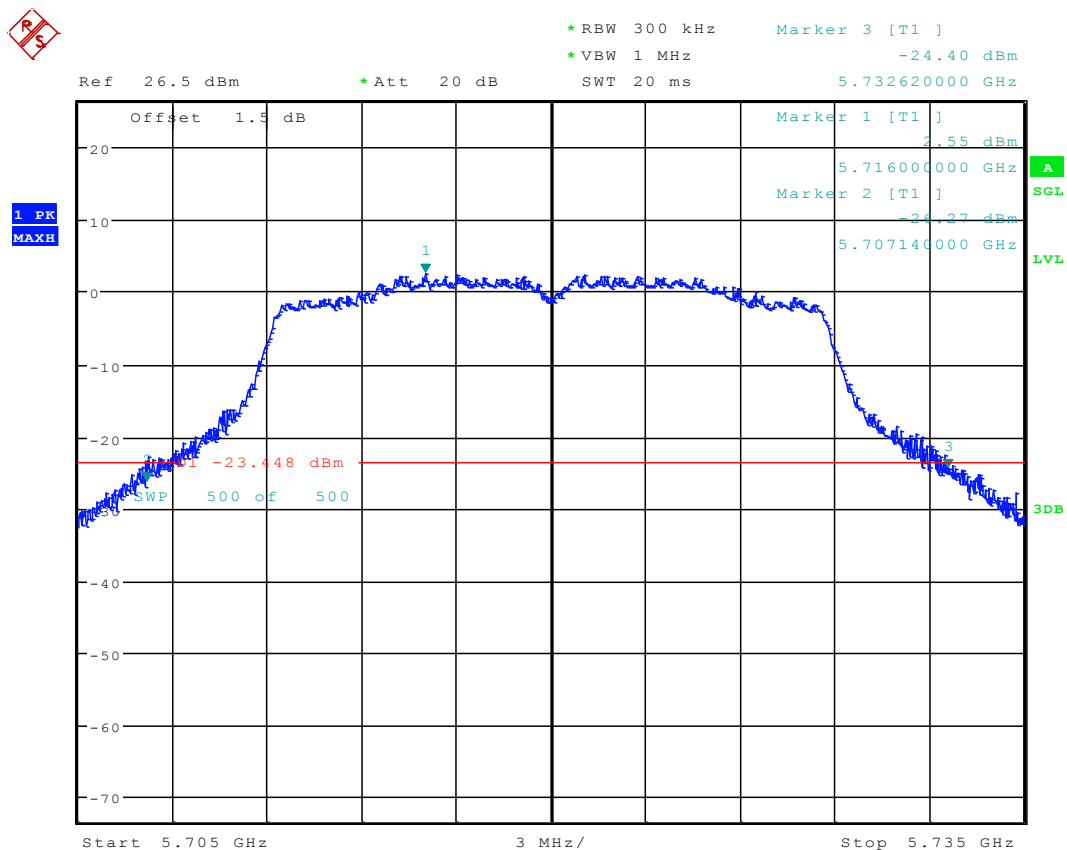
Date: 24.JAN.2018 13:34:20

3.27 11N20_144 ANT 1



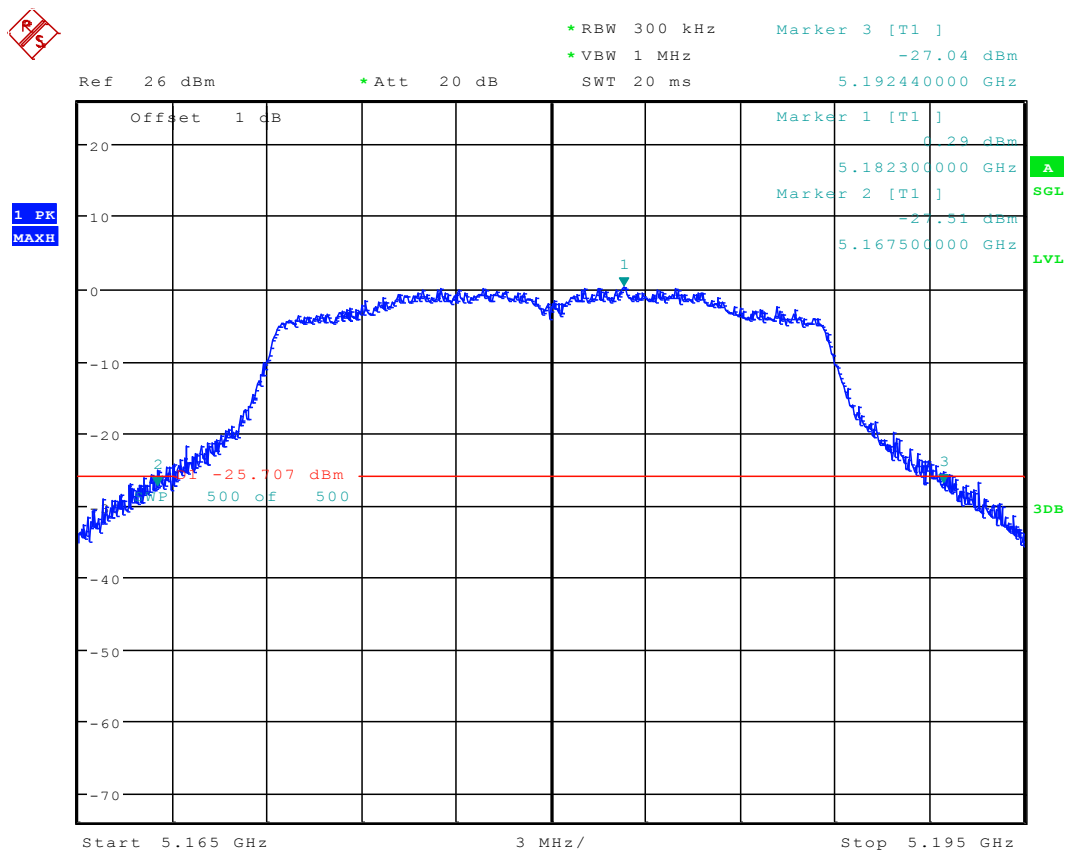
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3.28 11N20_144 ANT 1



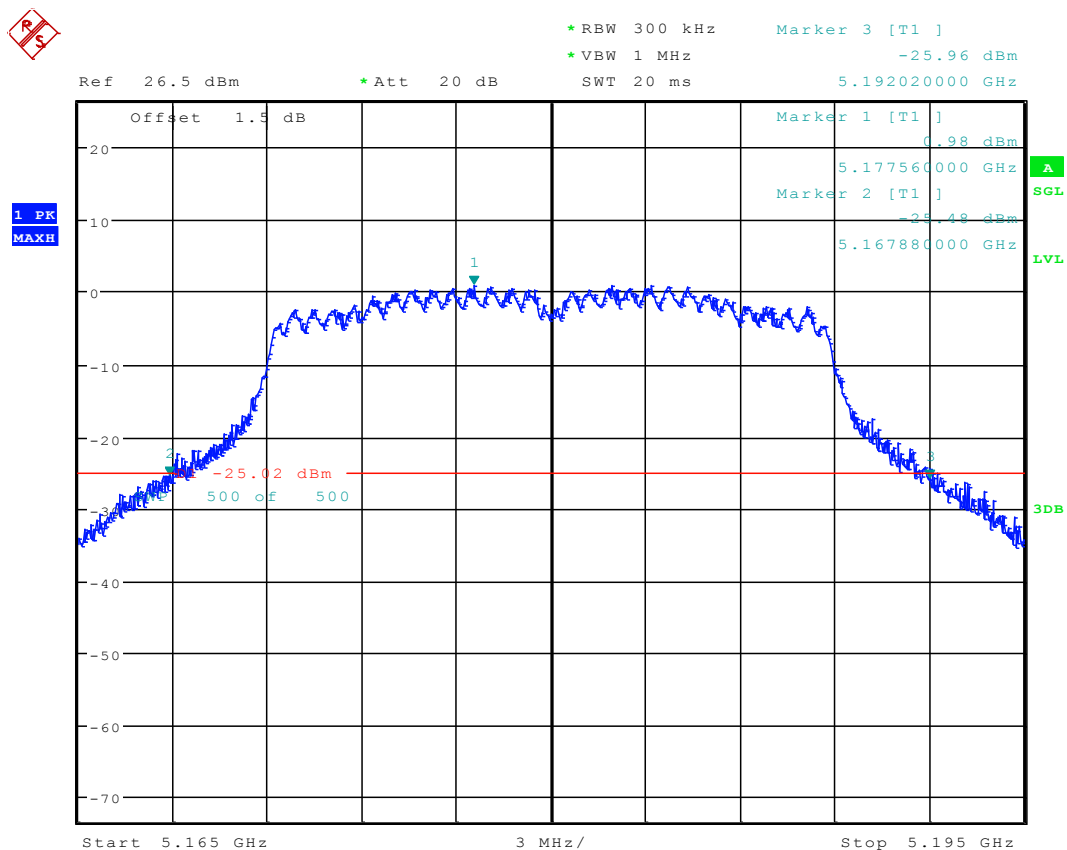
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3.29 11N20MIMO_36 ANT 1



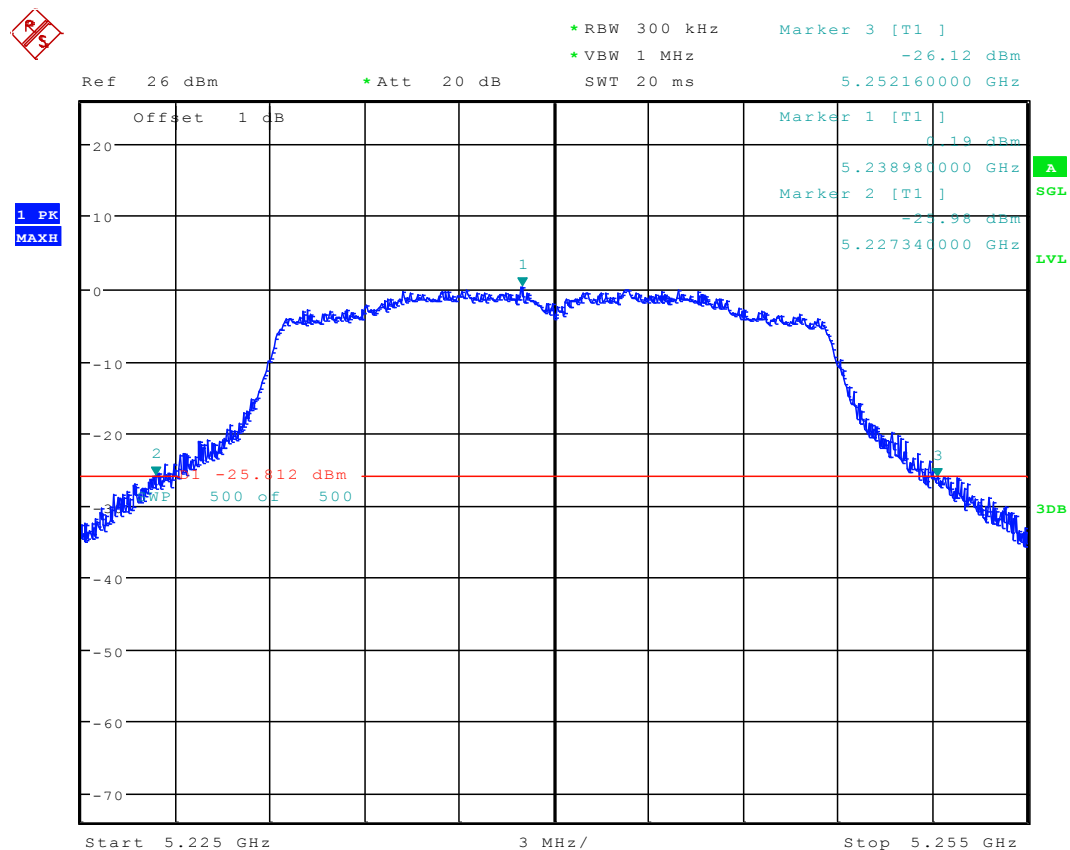
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3.30 11N20MIMO_36 ANT 2



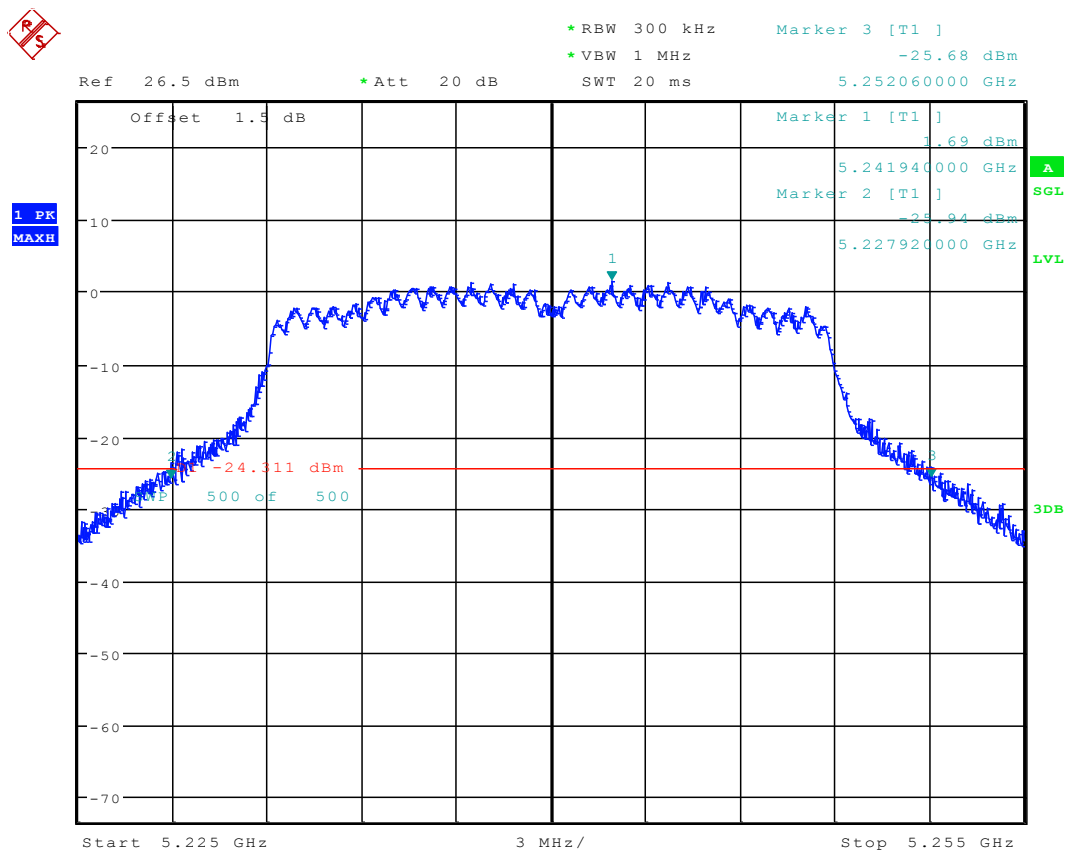
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3.31 11N20MIMO_48 ANT 1



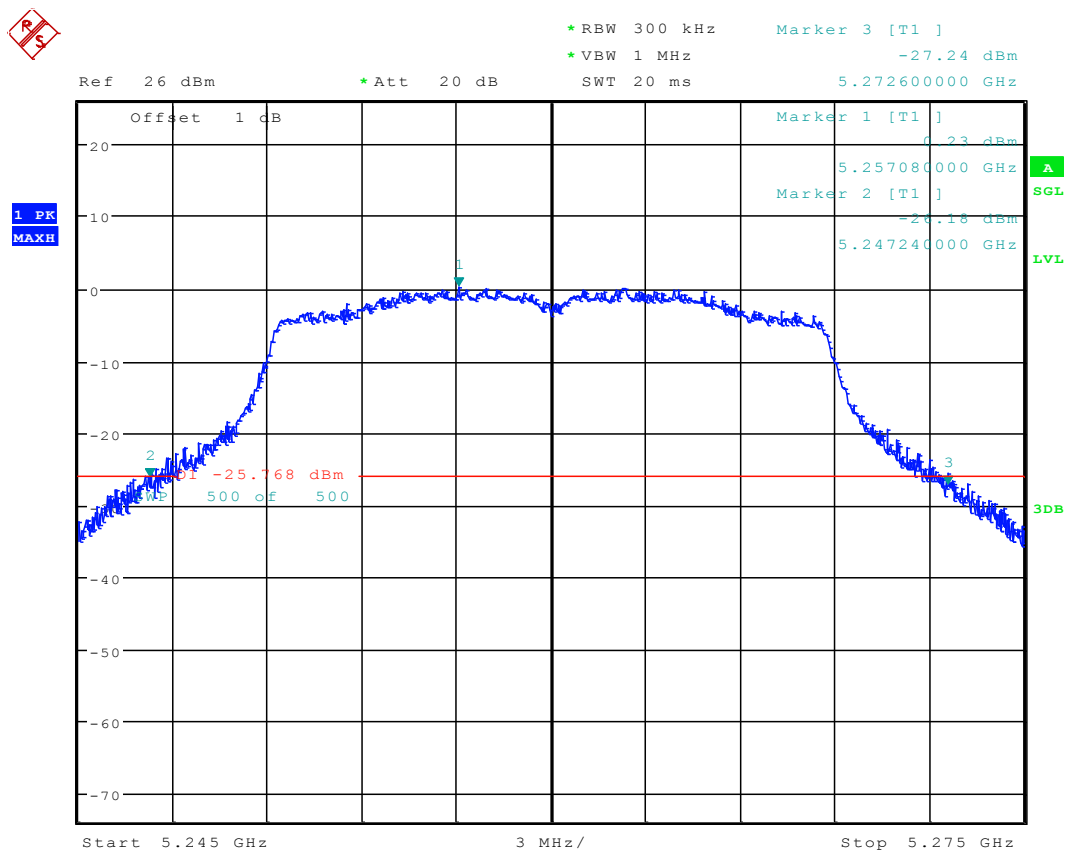
Date: 23.JAN.2018 14:47:22

3.32 11N20MIMO_48 ANT 2



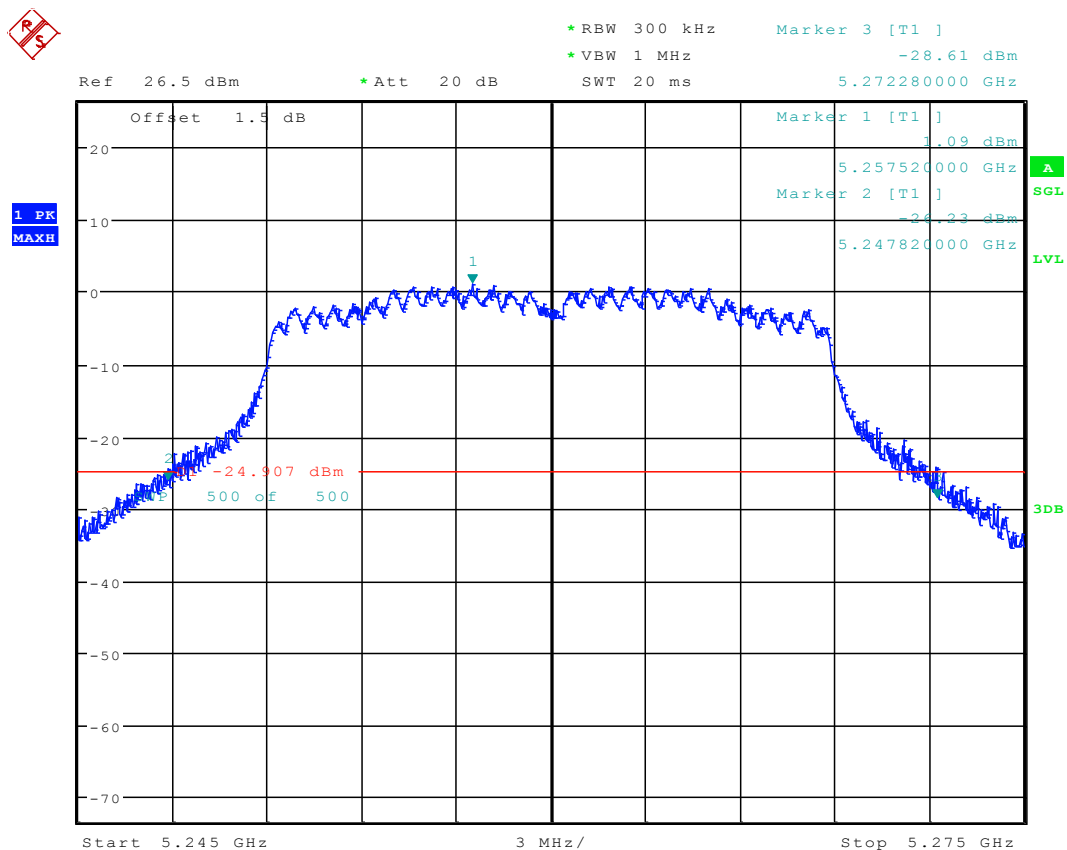
Date: 26.JAN.2018 14:15:38

3.33 11N20MIMO_52 ANT 1



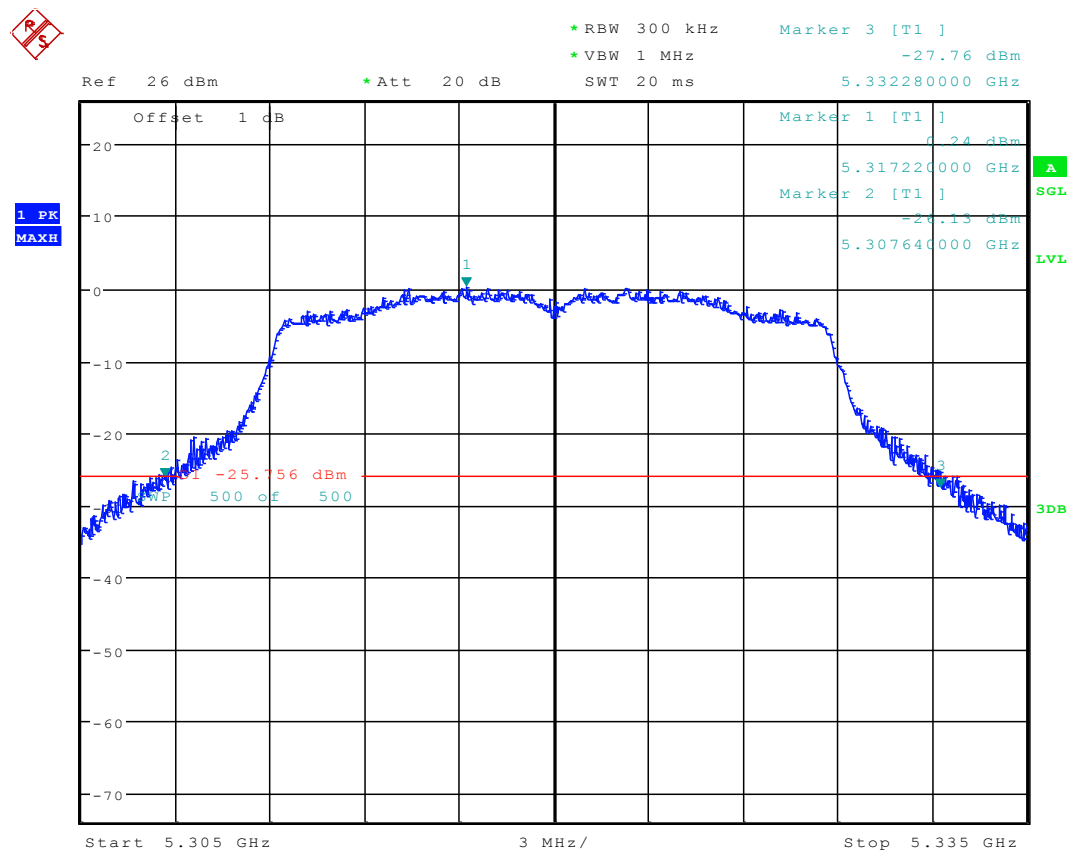
Date: 23.JAN.2018 14:50:18

3.34 11N20MIMO_52 ANT 2



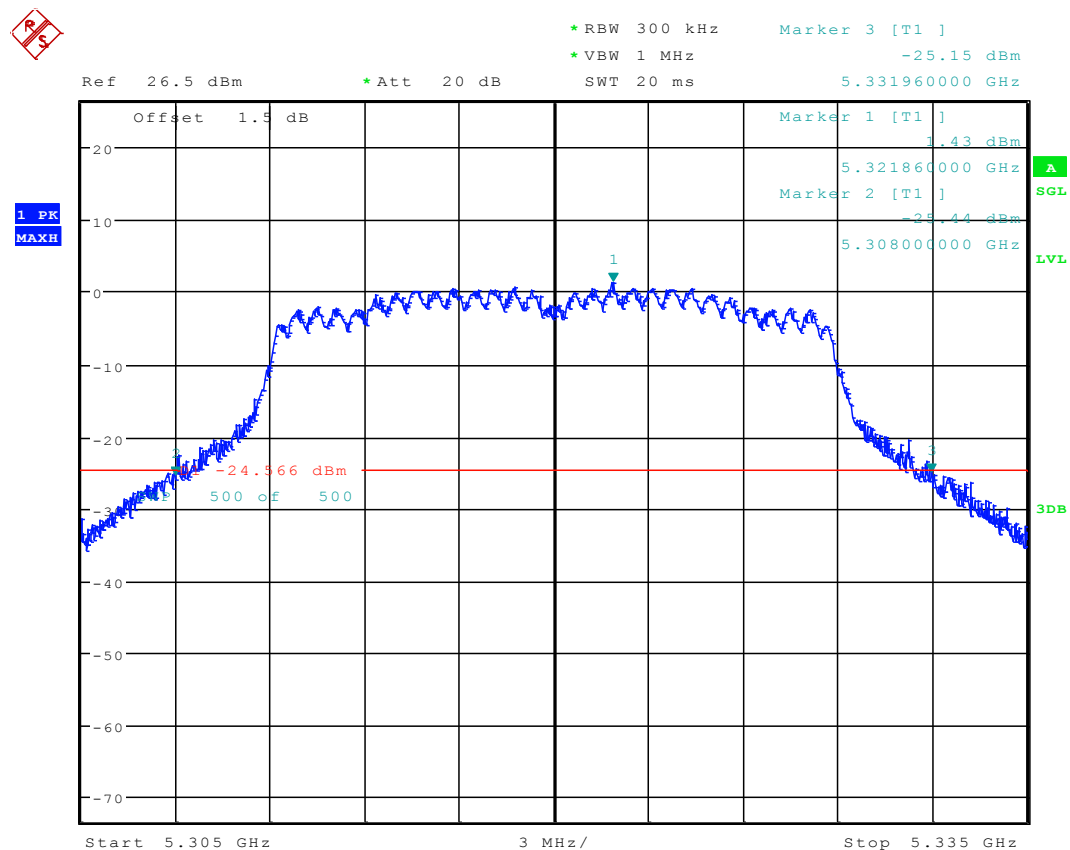
Date: 26.JAN.2018 14:18:07

3.35 11N20MIMO_64 ANT 1



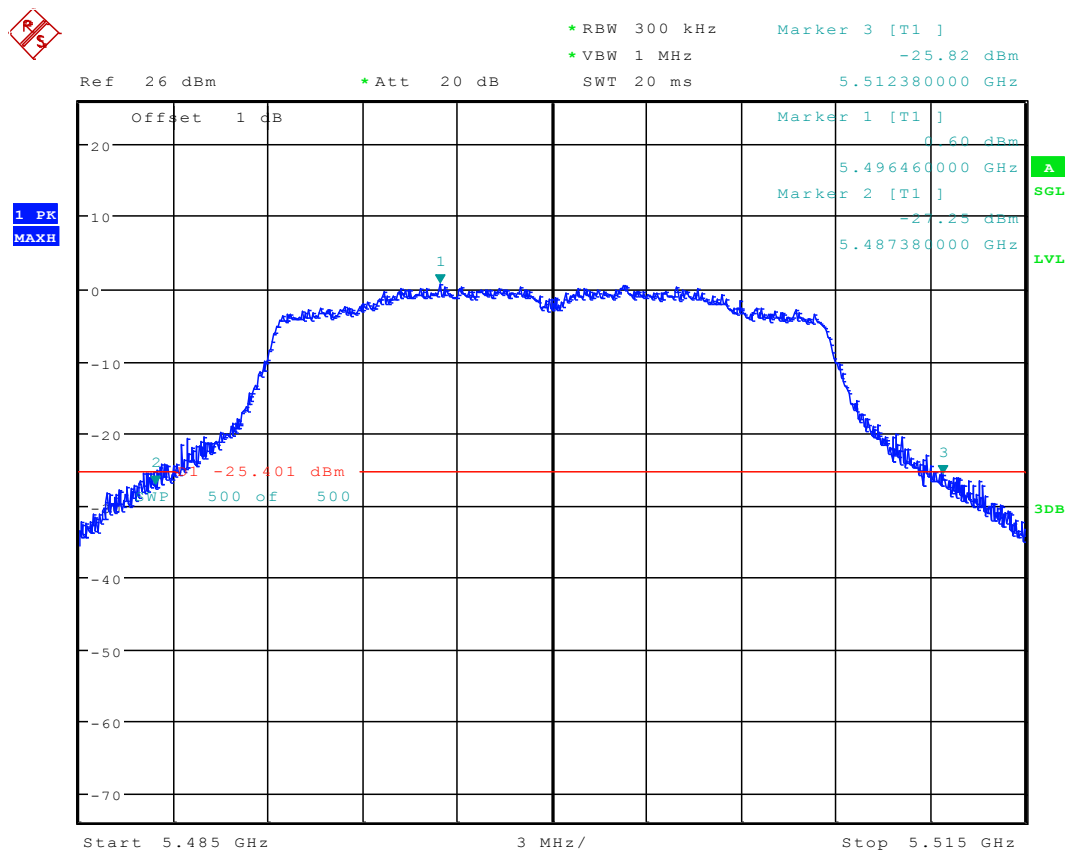
Date: 23.JAN.2018 14:52:40

3.36 11N20MIMO_64 ANT 2



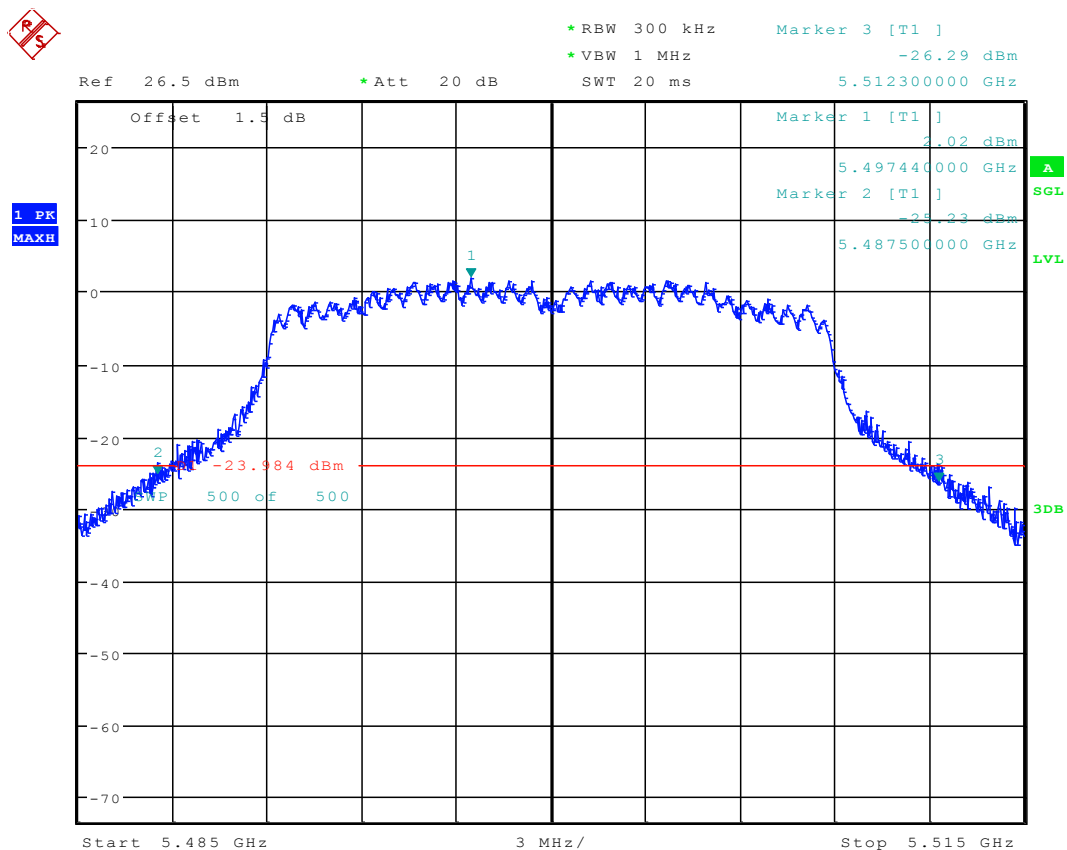
Date: 26.JAN.2018 14:21:13

3.37 11N20MIMO_100 ANT 1



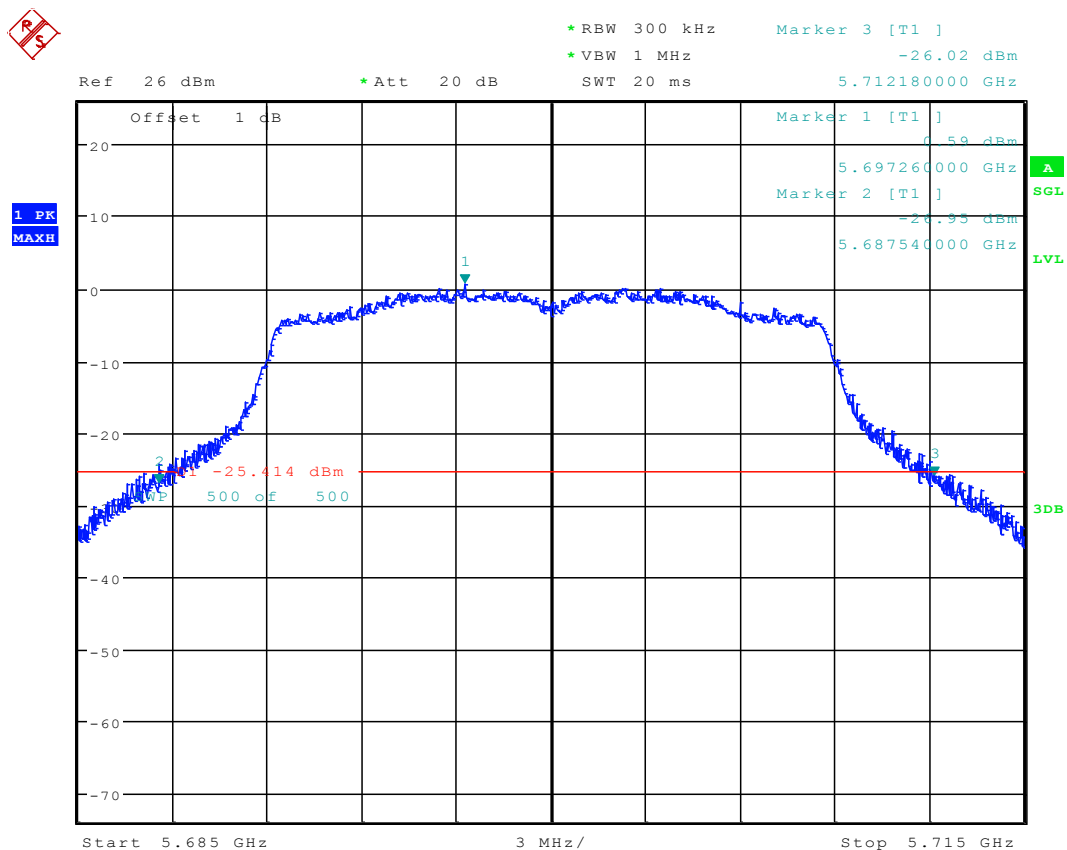
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3.38 11N20MIMO_100 ANT 2



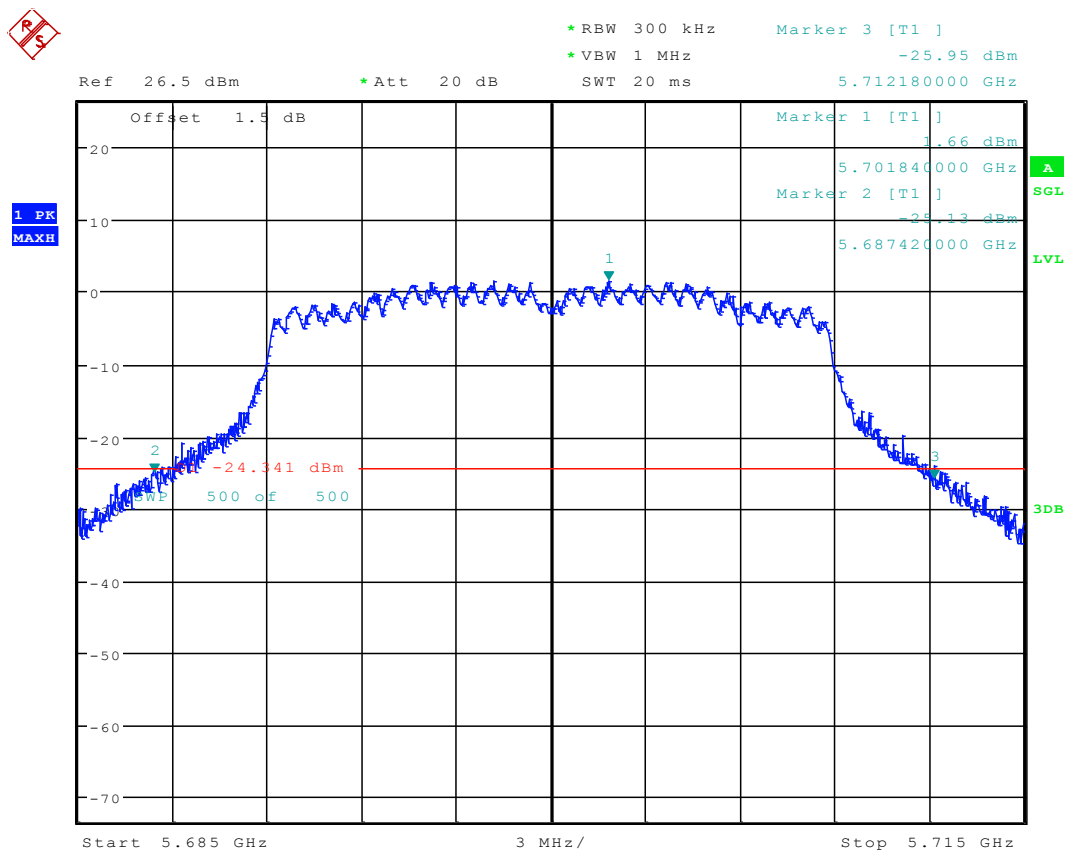
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3.39 11N20MIMO_140 ANT 1



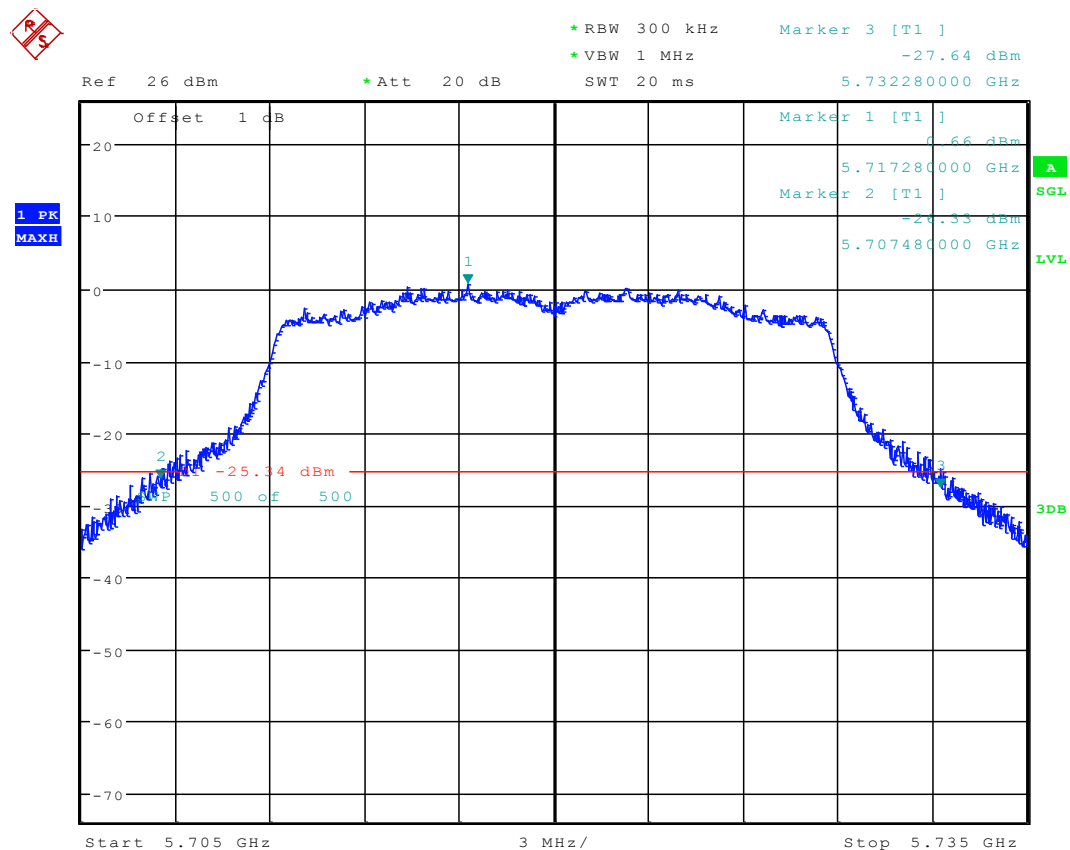
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3.40 11N20MIMO_140 ANT 2



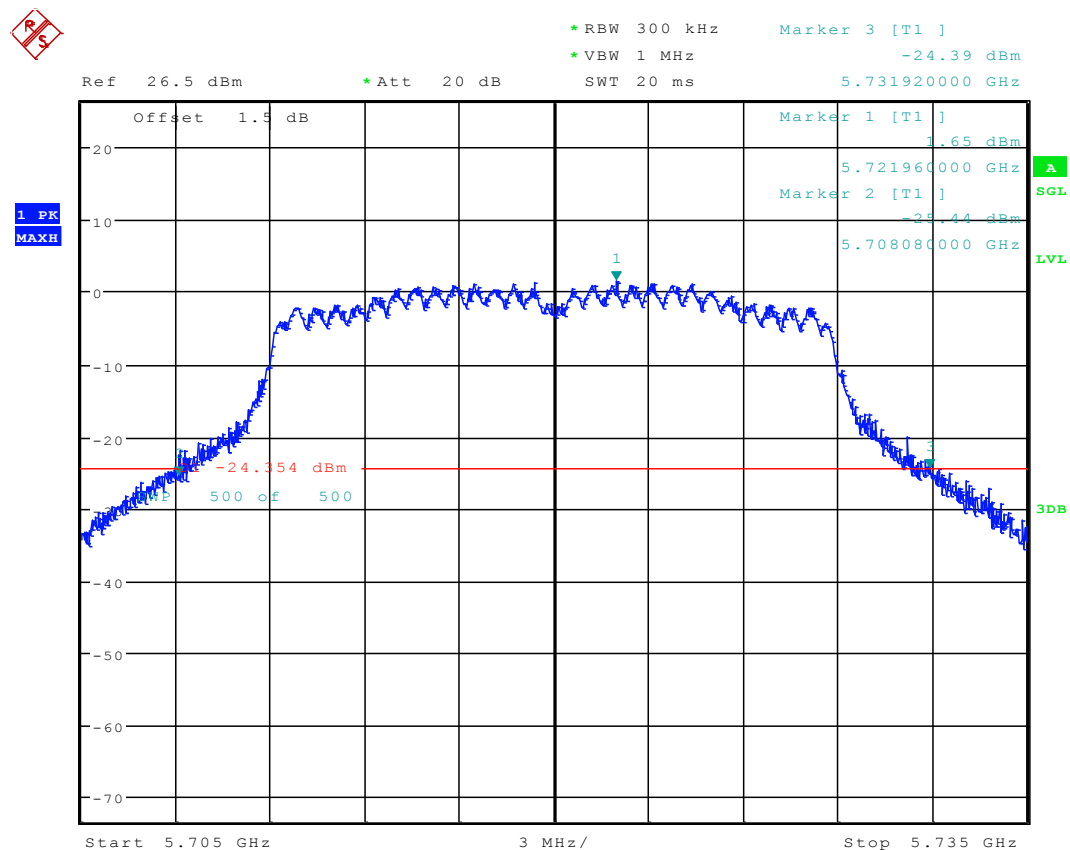
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3.41 11N20MIMO_144 ANT 1



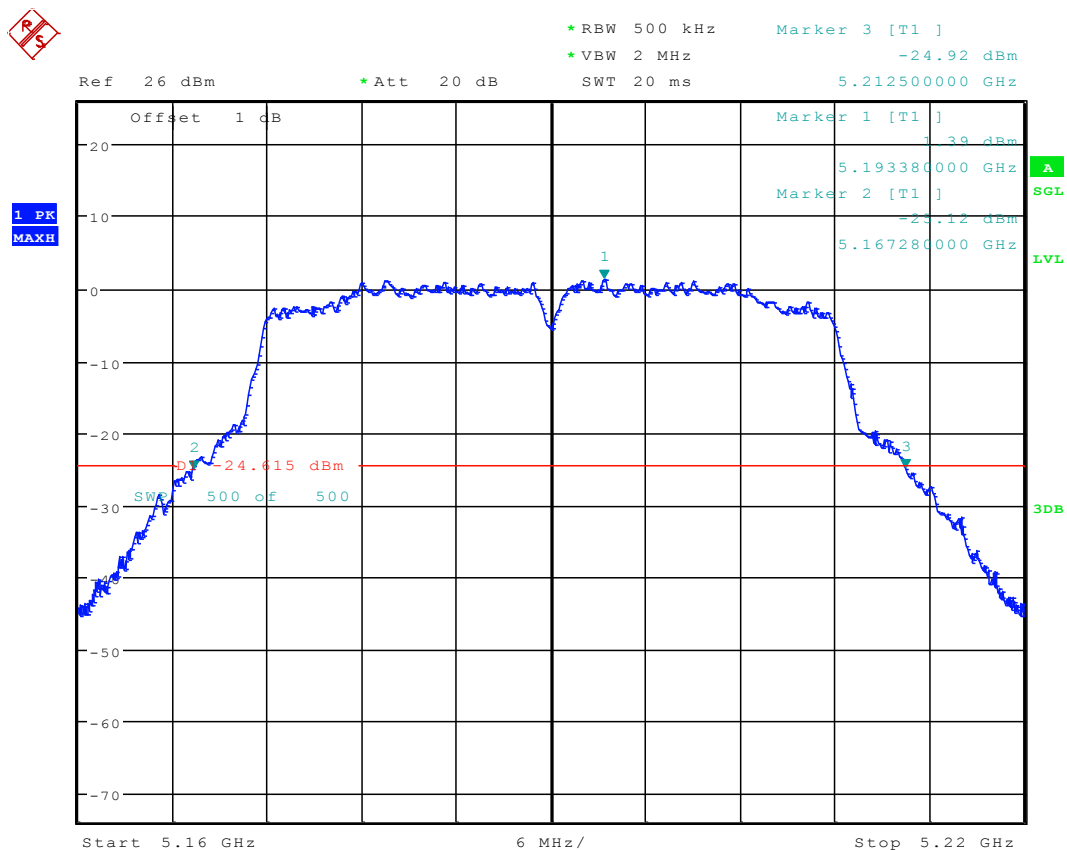
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3.42 11N20MIMO_144 ANT 2



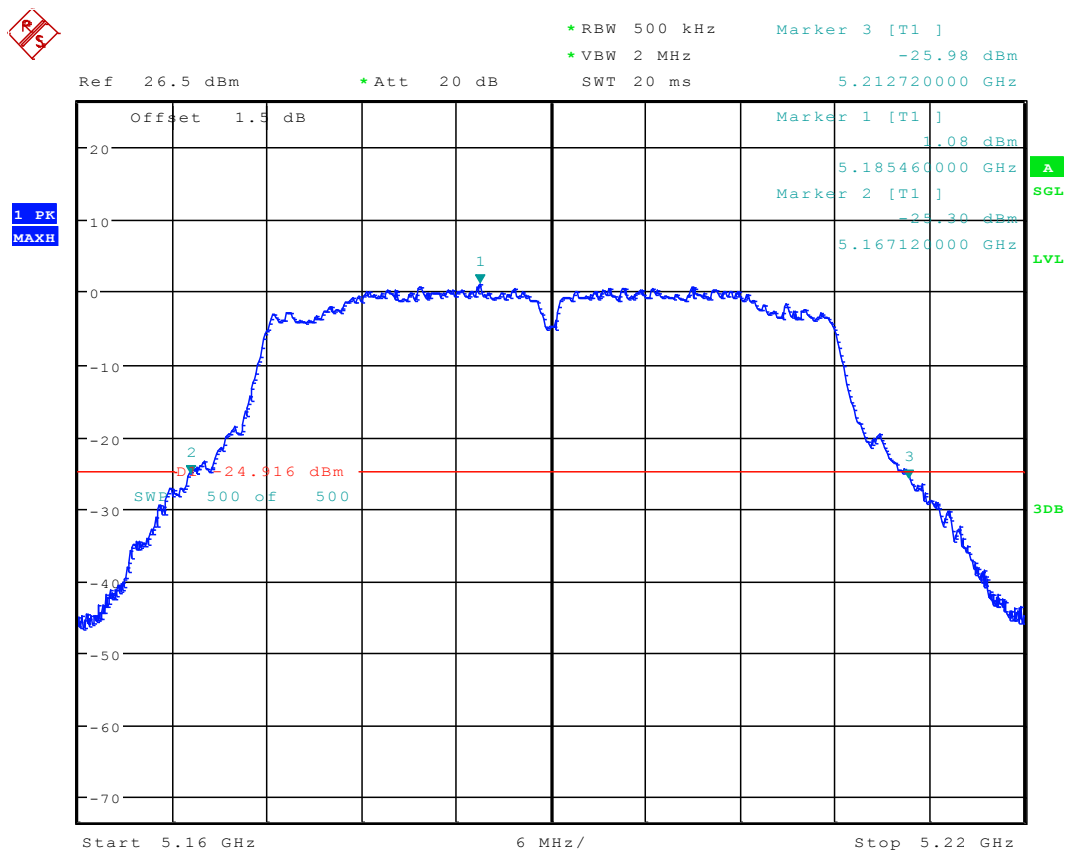
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3.43 11N40_38 ANT 1



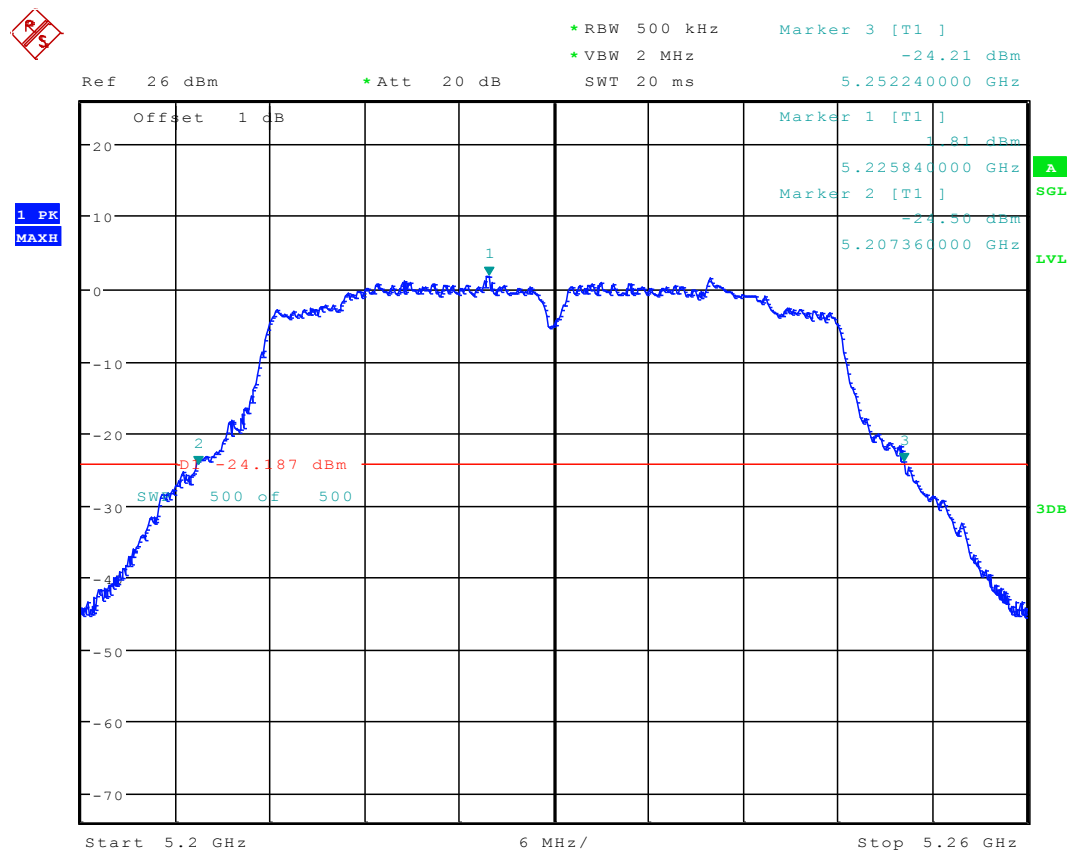
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3.44 11N40_38 ANT 2



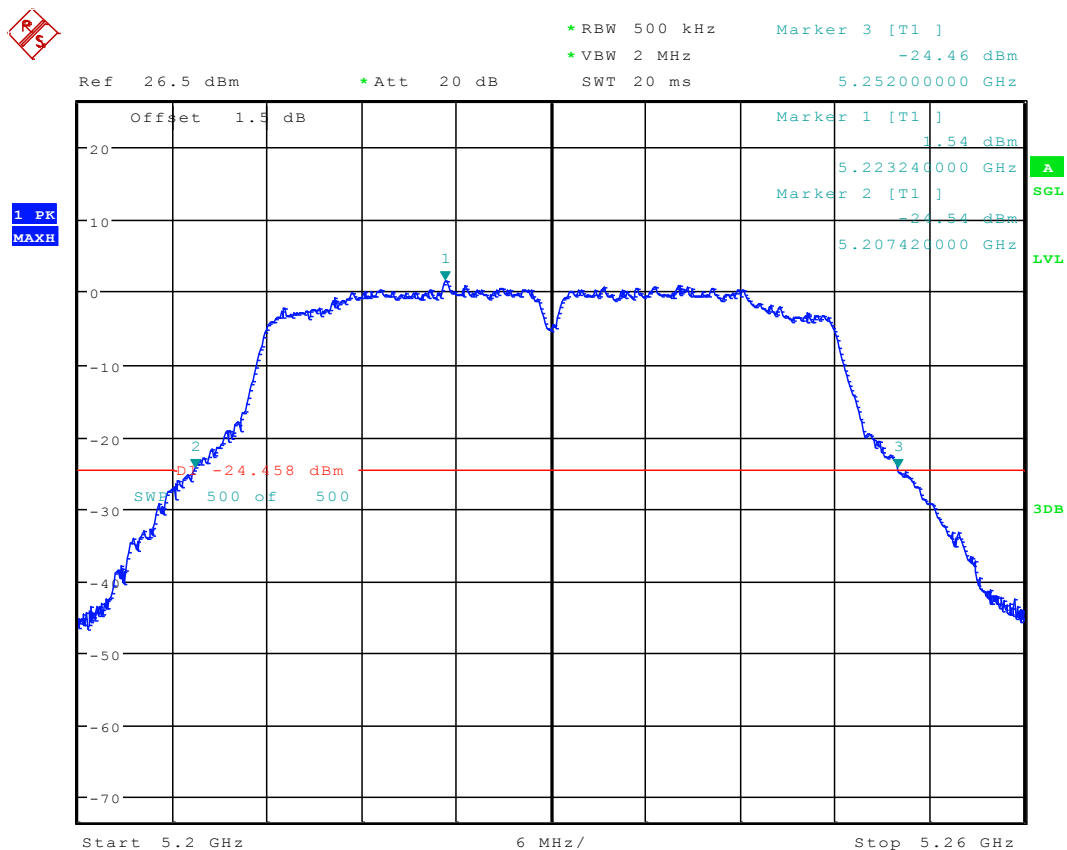
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3.45 11N40_46 ANT 1



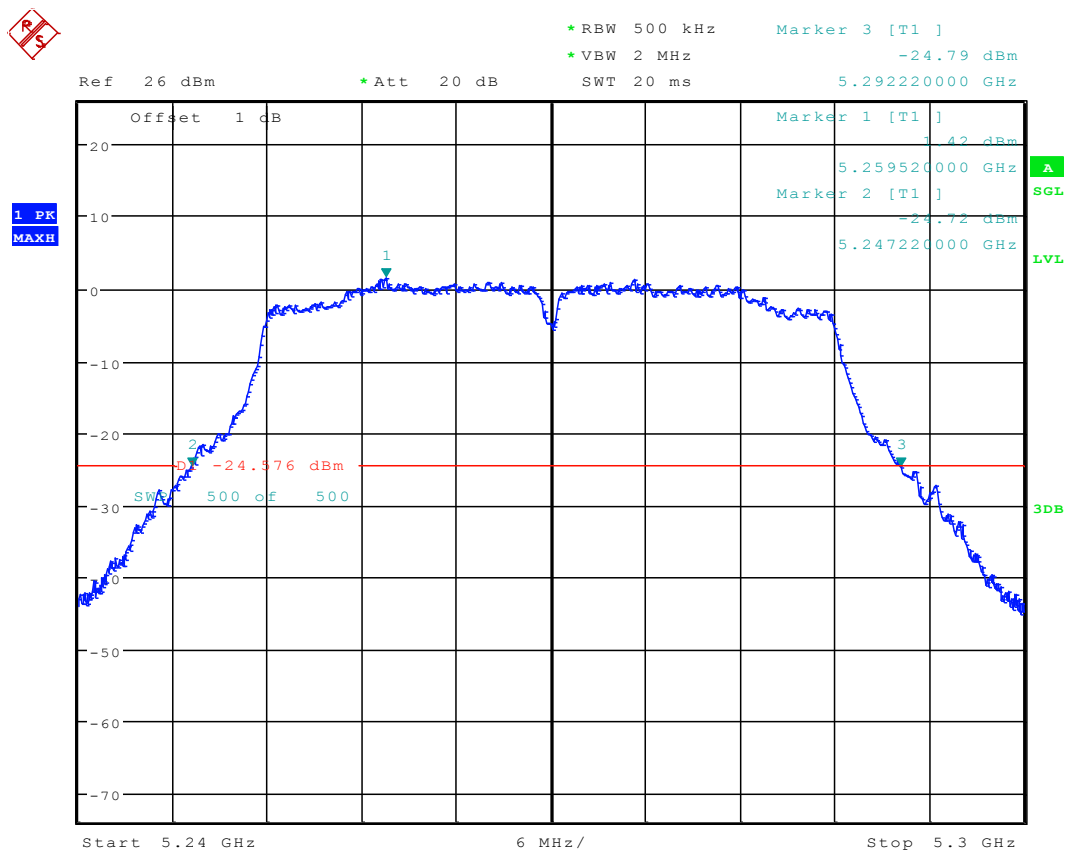
Date: 22.JAN.2018 16:07:24

3.46 11N40_46 ANT 2



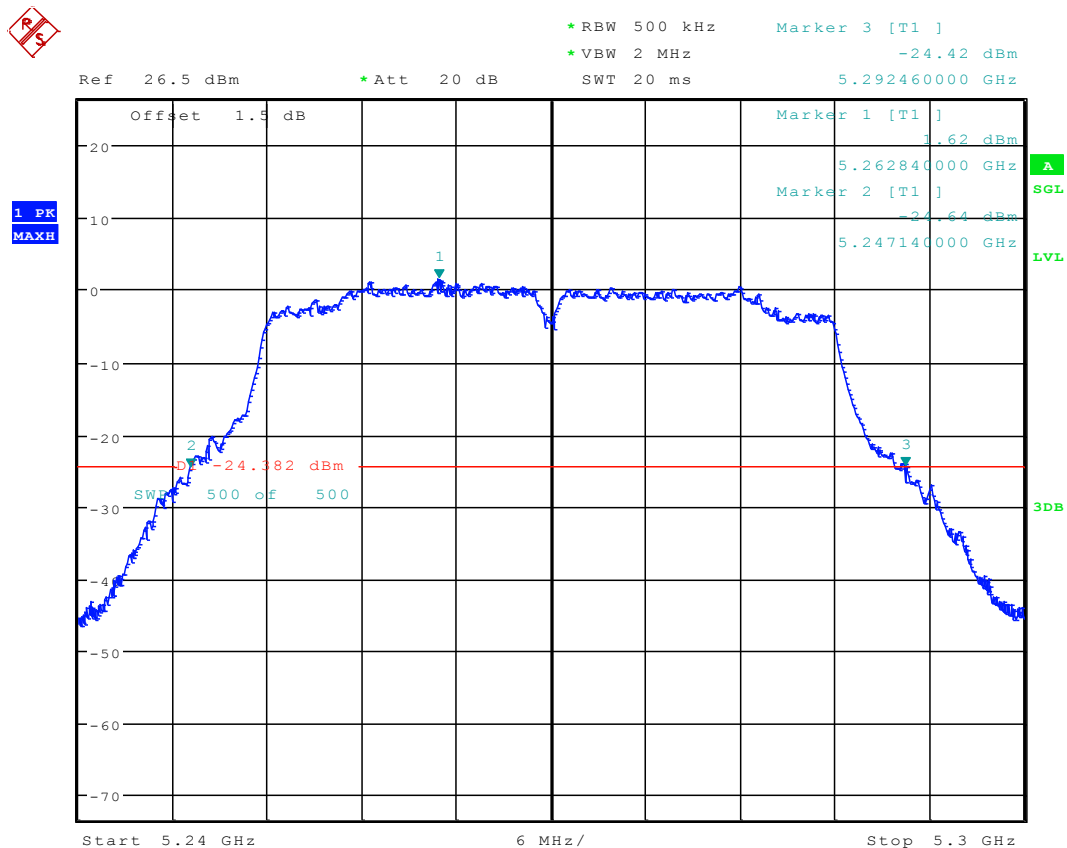
Date: 24.JAN.2018 15:11:02

3.47 11N40_54 ANT 1



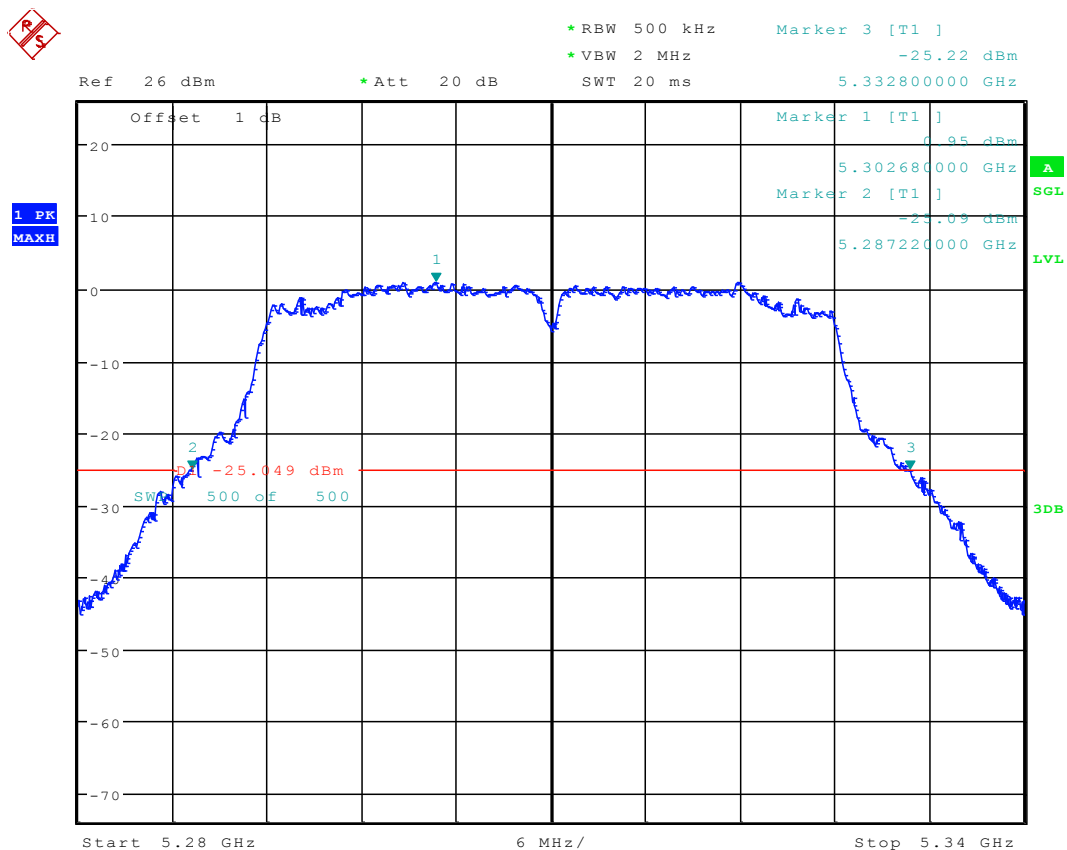
Date: 22.JAN.2018 16:10:13

3.48 11N40_54 ANT 2



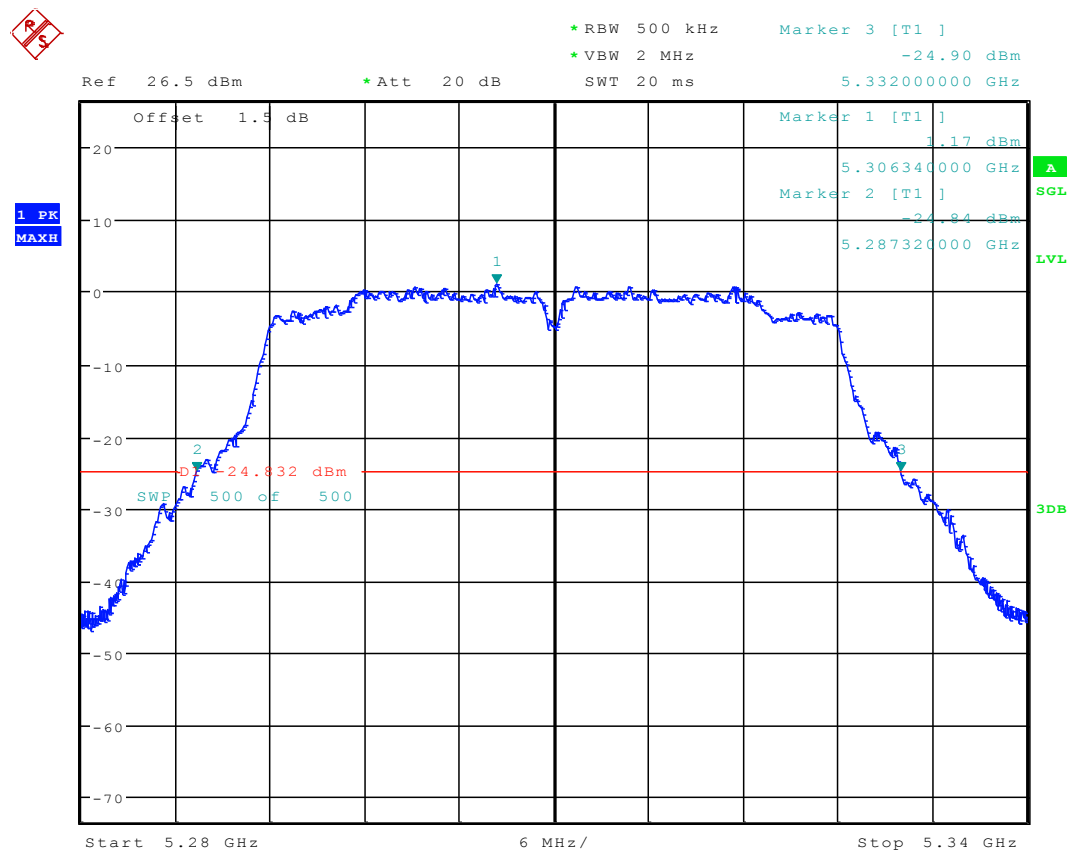
Date: 24.JAN.2018 15:13:46

3.49 11N40_62 ANT 1



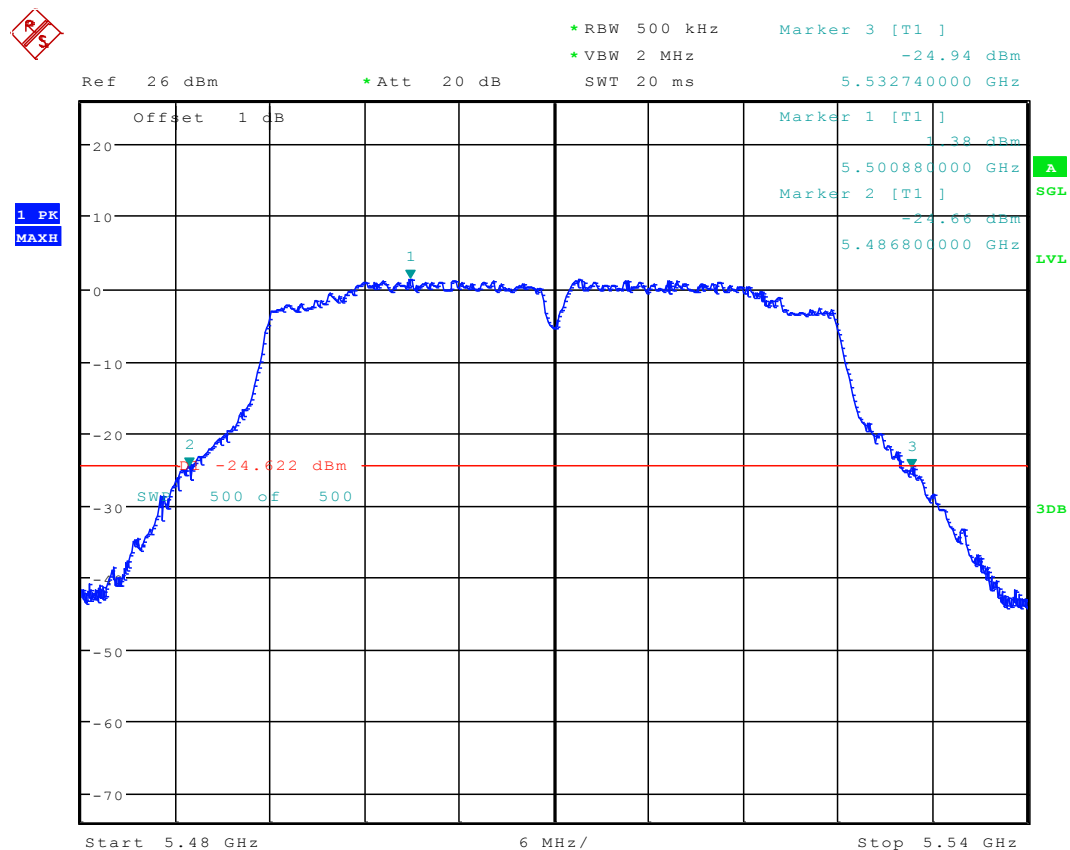
Date: 22.JAN.2018 16:13:05

3.50 11N40_62 ANT 2



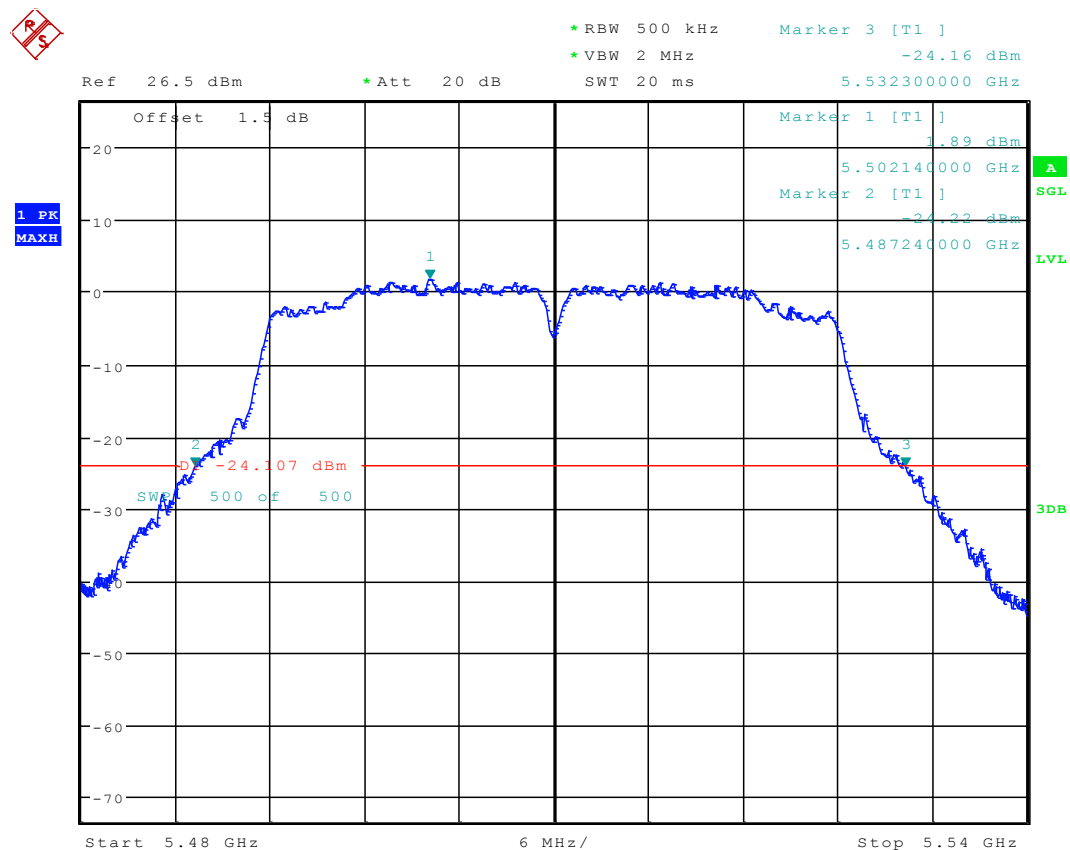
Date: 24.JAN.2018 15:16:19

3.51 11N40_102 ANT 1



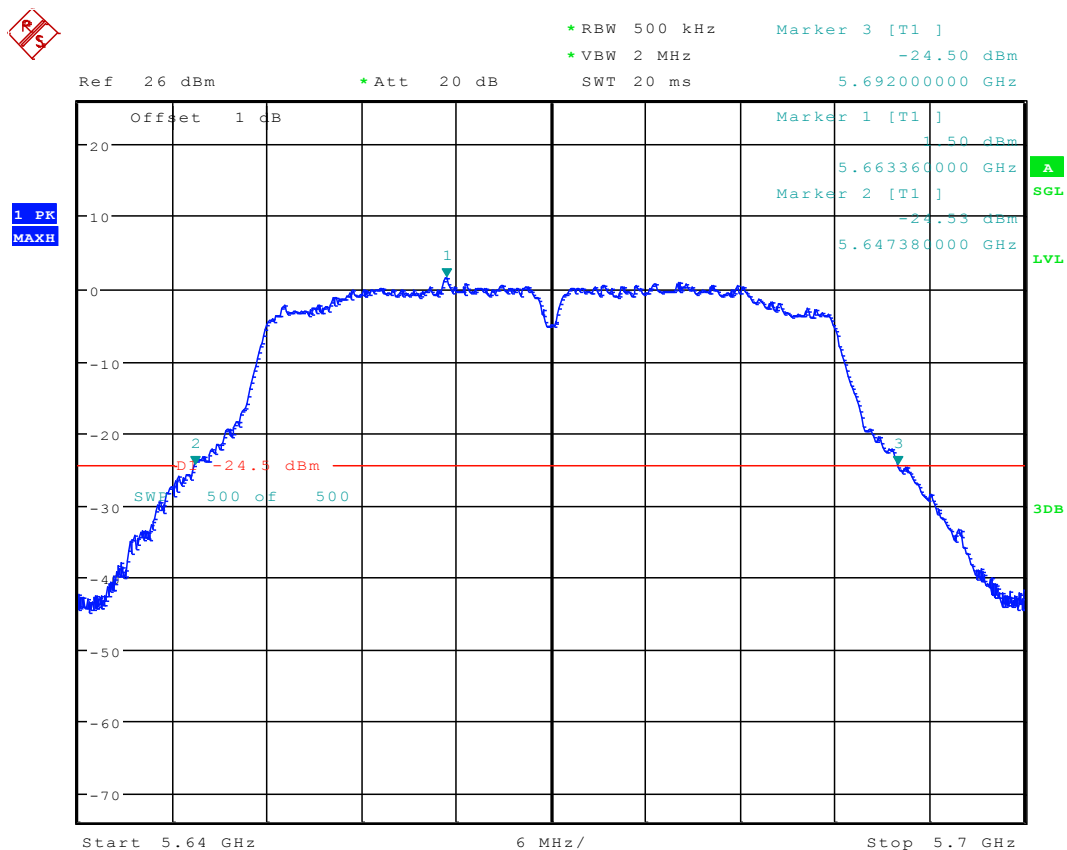
Date: 22.JAN.2018 16:15:39

3.52 11N40_102 ANT 2



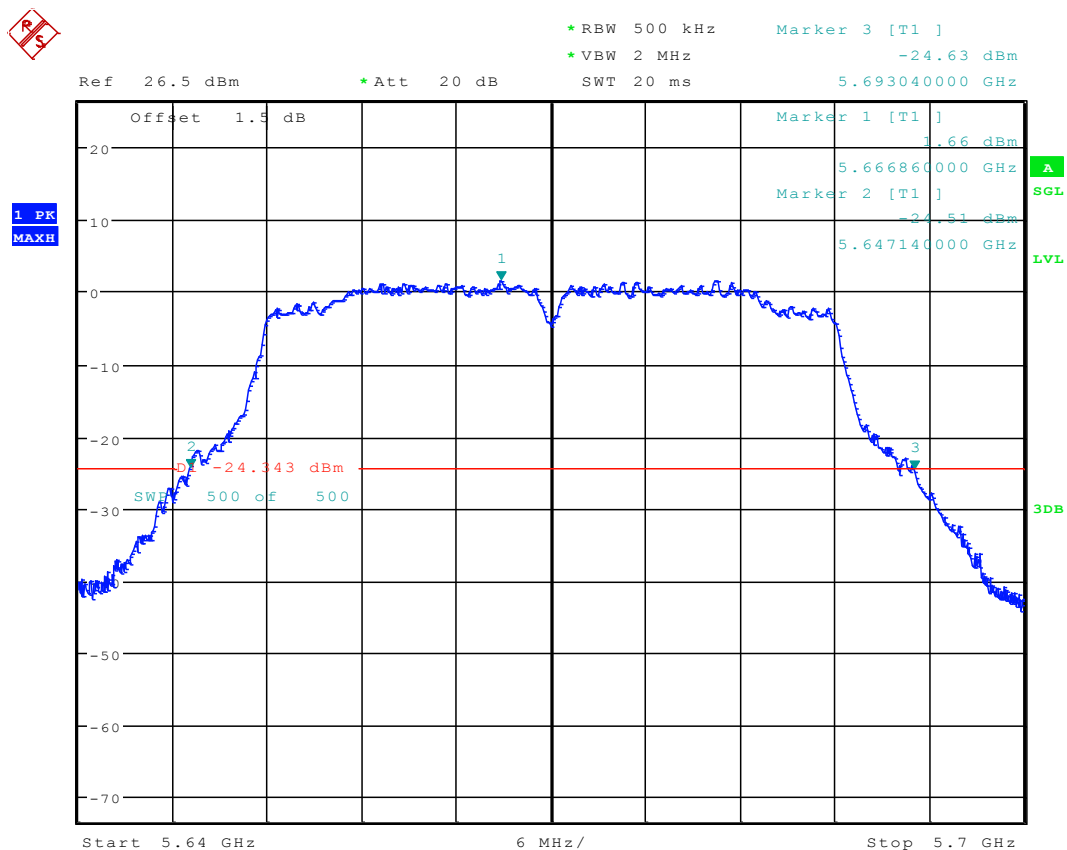
Date: 24.JAN.2018 15:18:55

3.53 11N40_134 ANT 1



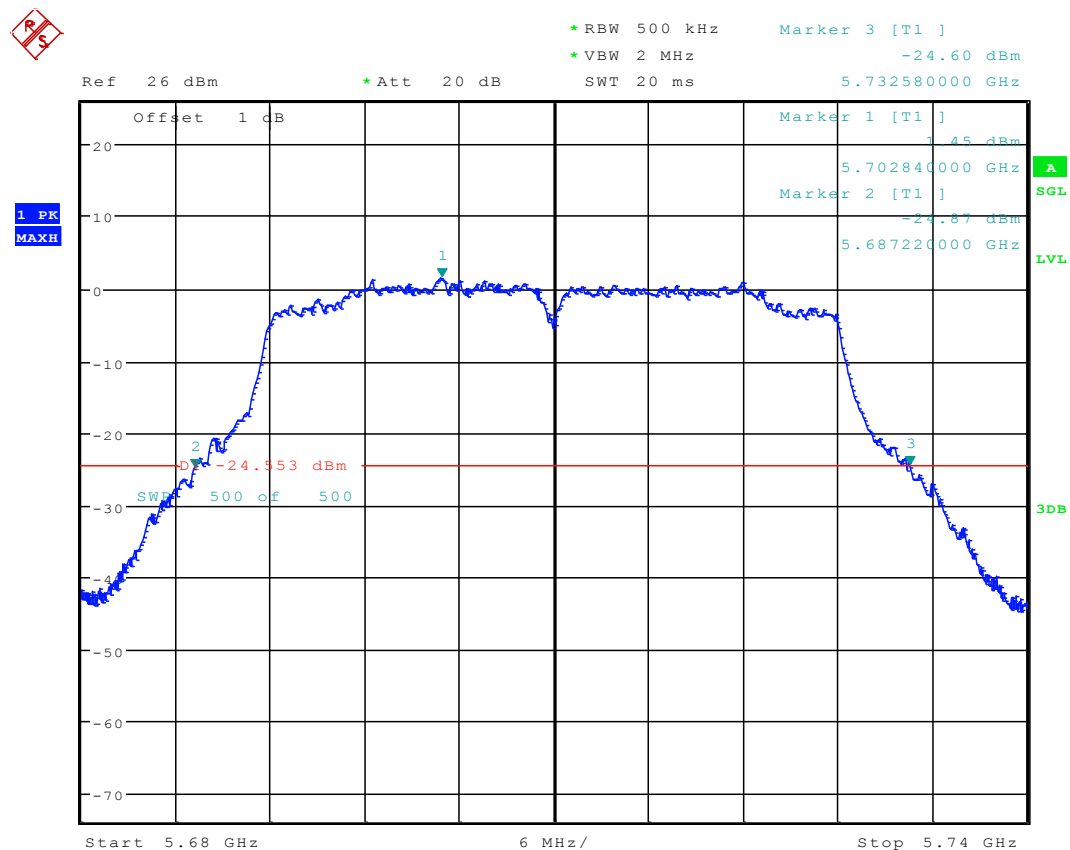
Date: 22.JAN.2018 16:18:20

3.54 11N40_134 ANT 2



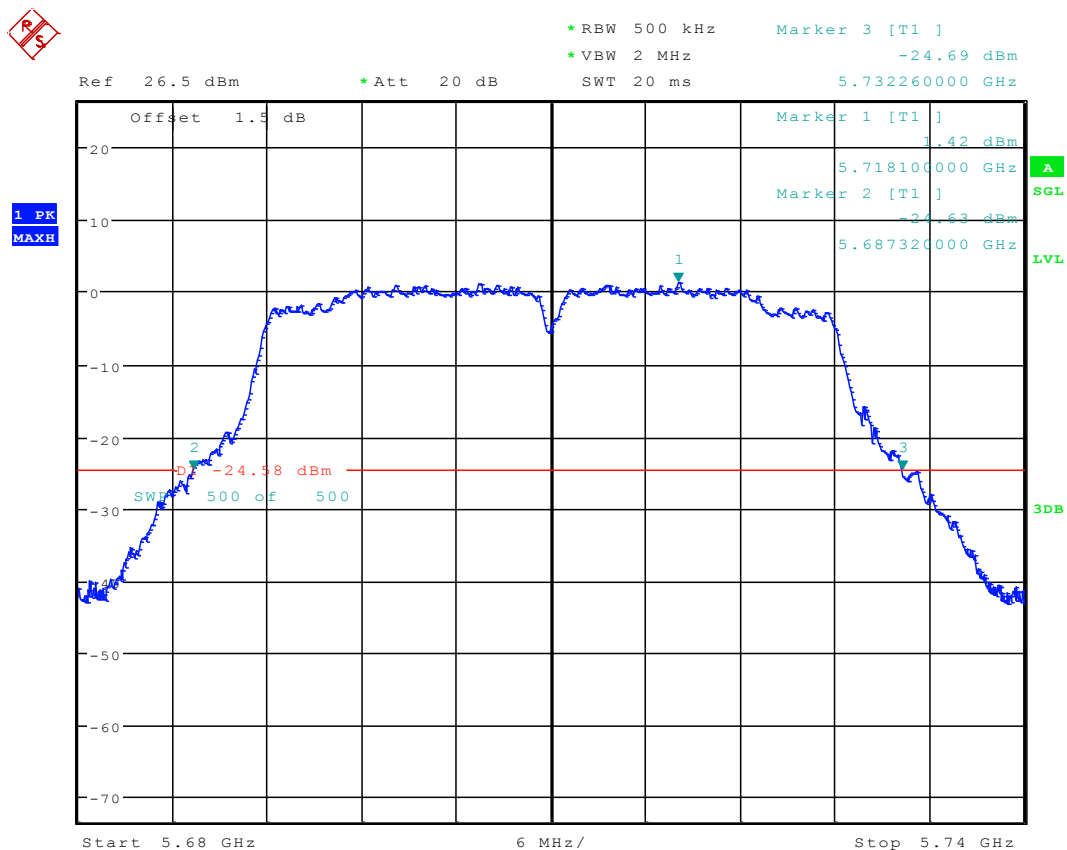
Date: 24.JAN.2018 15:32:01

3.55 11N40_142 ANT 1



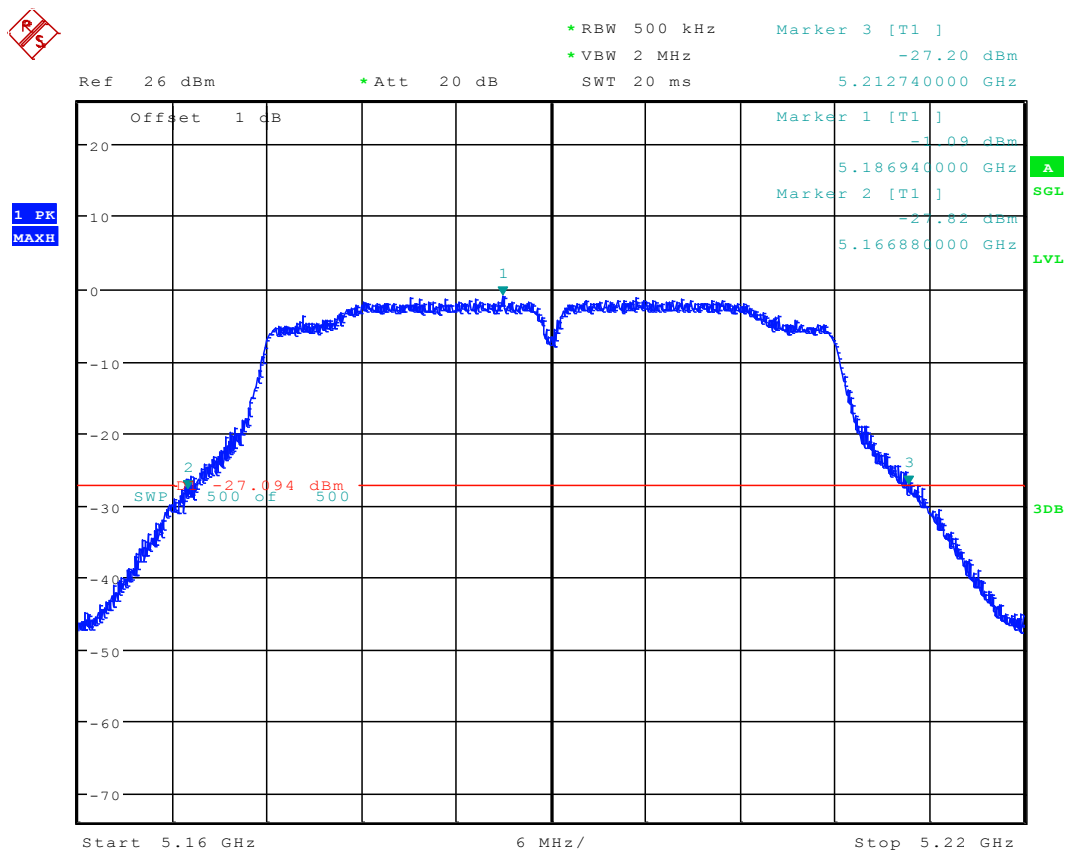
Date: 22.JAN.2018 16:26:14

3.56 11N40_142 ANT 2



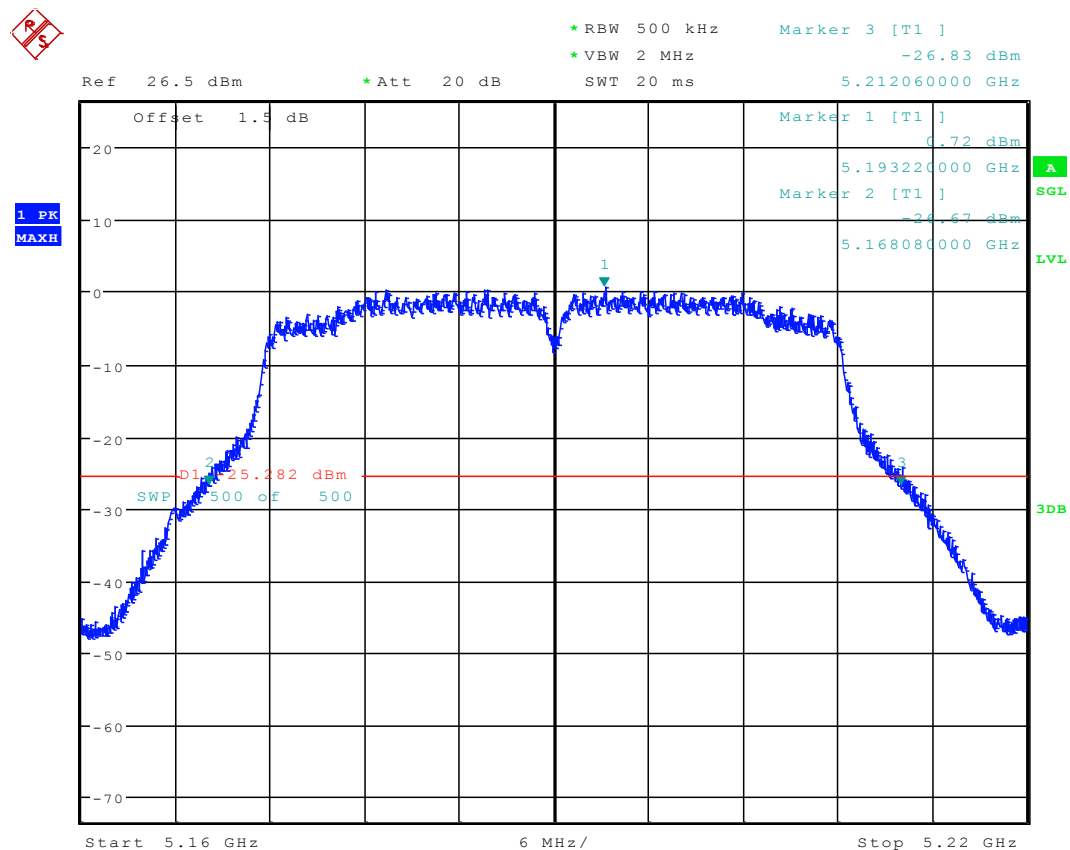
Date: 24.JAN.2018 15:34:27

3.57 11N40MIMO_38 ANT 1



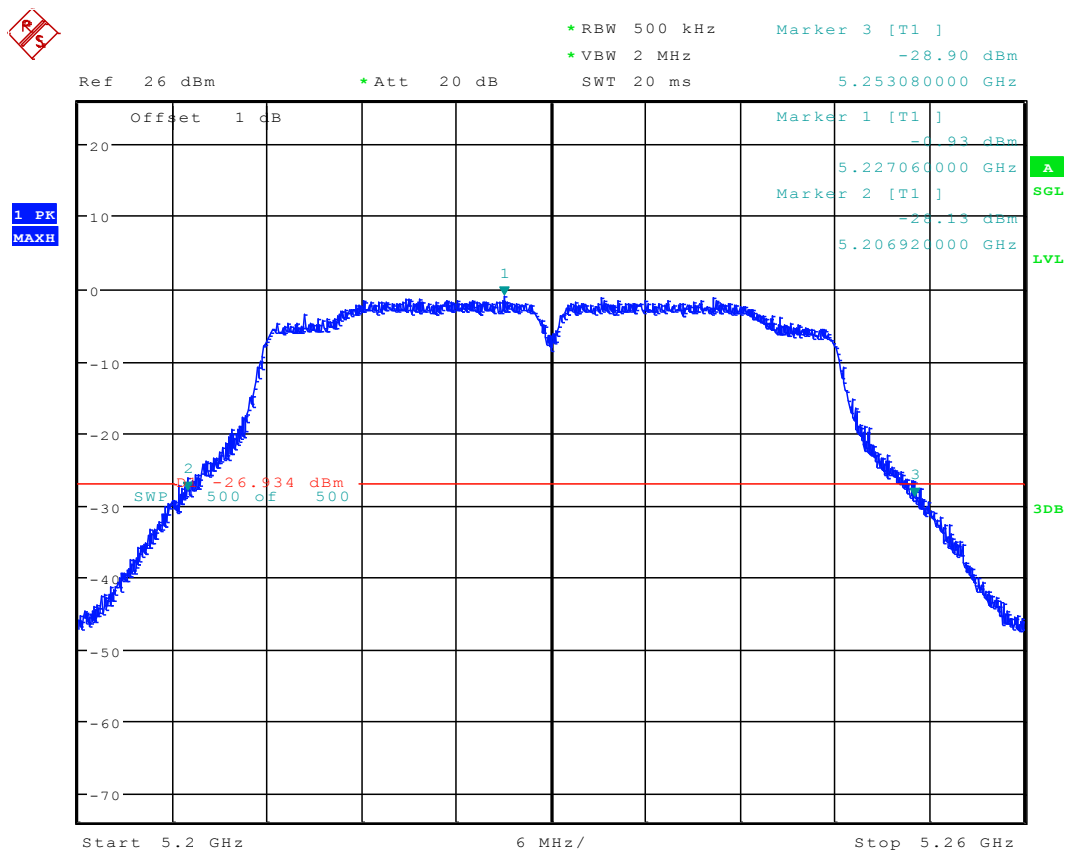
Date: 23.JAN.2018 15:12:37

3.58 11N40MIMO_38 ANT 2



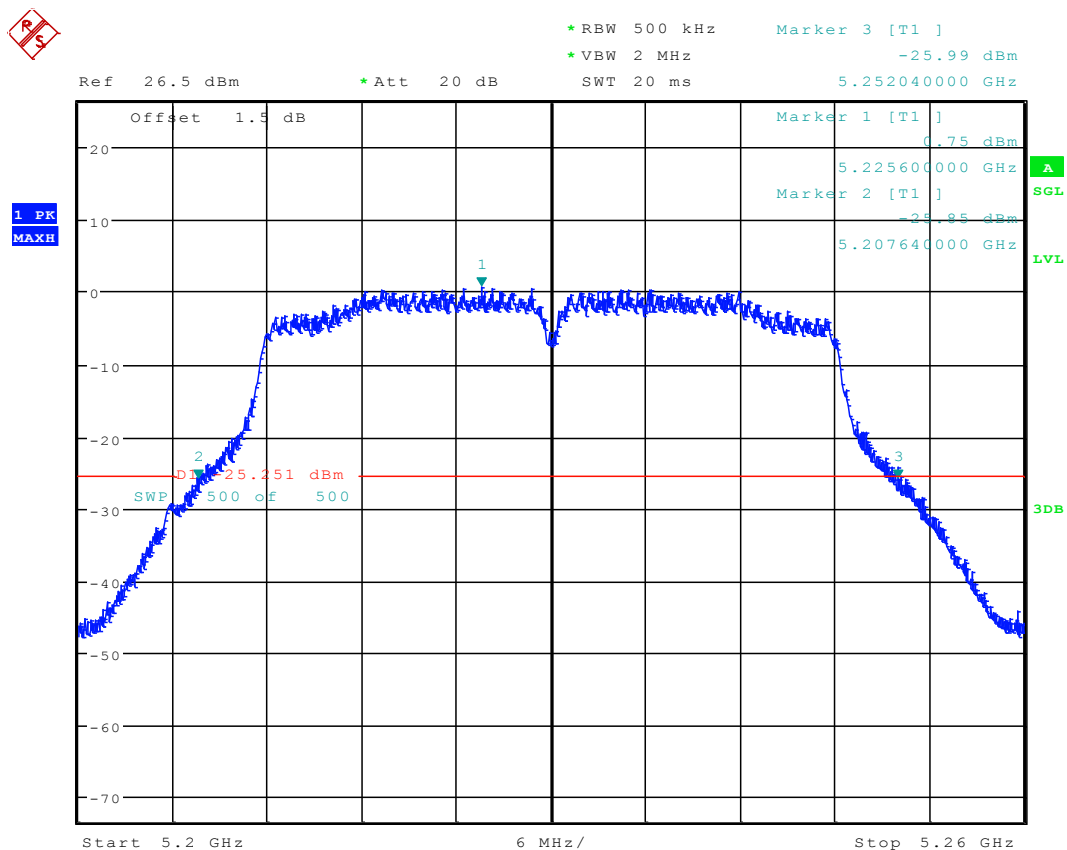
Date: 26.JAN.2018 15:27:49

3.59 11N40MIMO_46 ANT 1



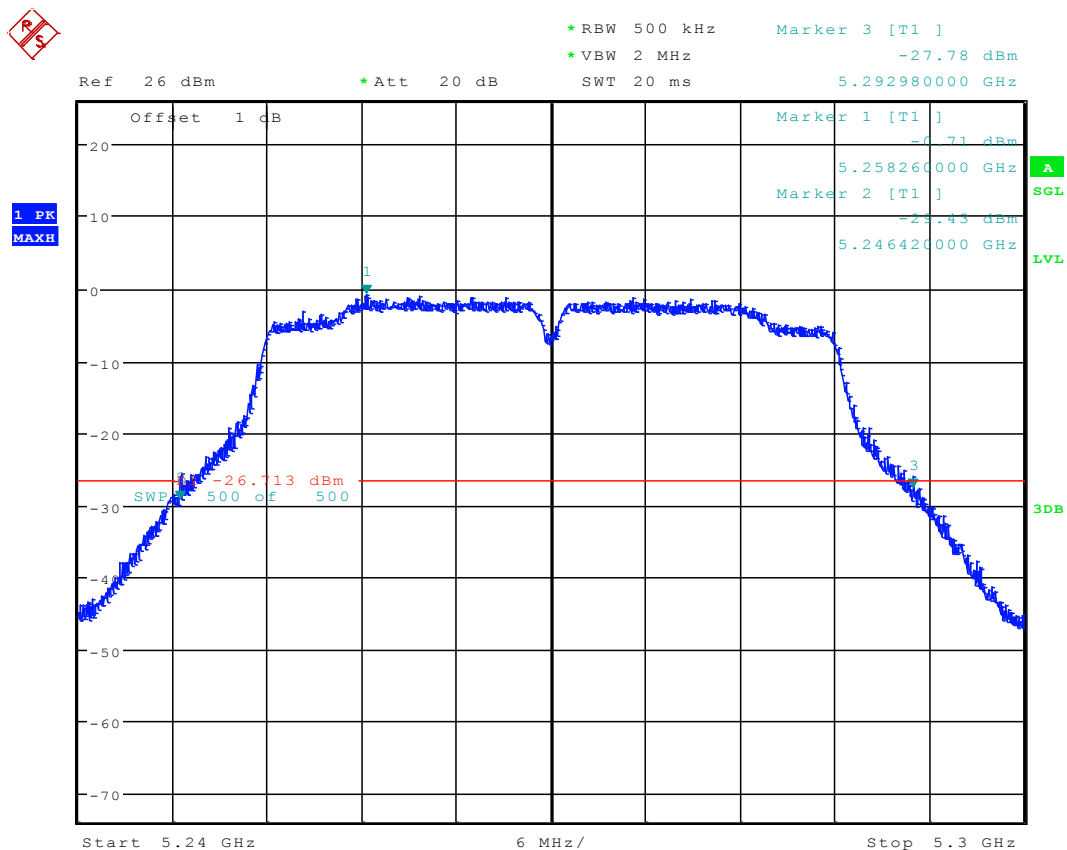
Date: 23.JAN.2018 15:15:43

3.60 11N40MIMO_46 ANT 2



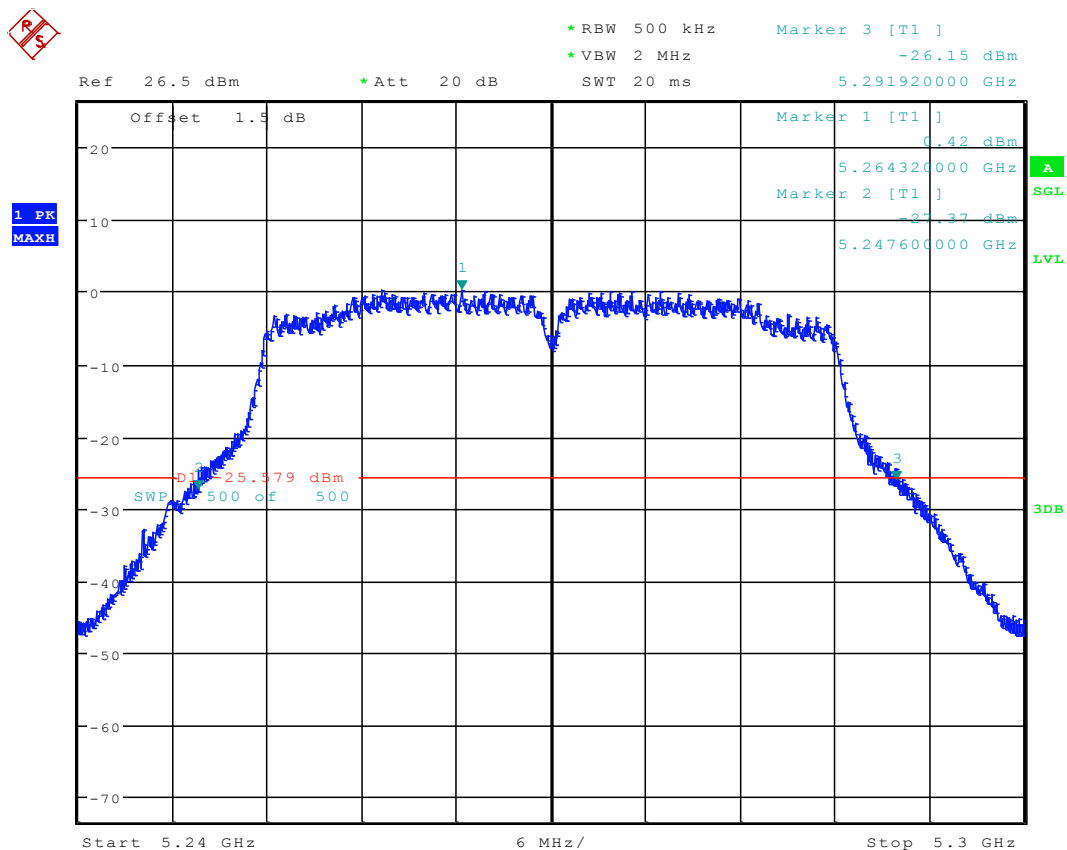
Date: 26.JAN.2018 15:30:49

3.61 11N40MIMO_54 ANT 1



Date: 23.JAN.2018 15:18:53

3.62 11N40MIMO_54 ANT 2



Date: 26.JAN.2018 15:33:34



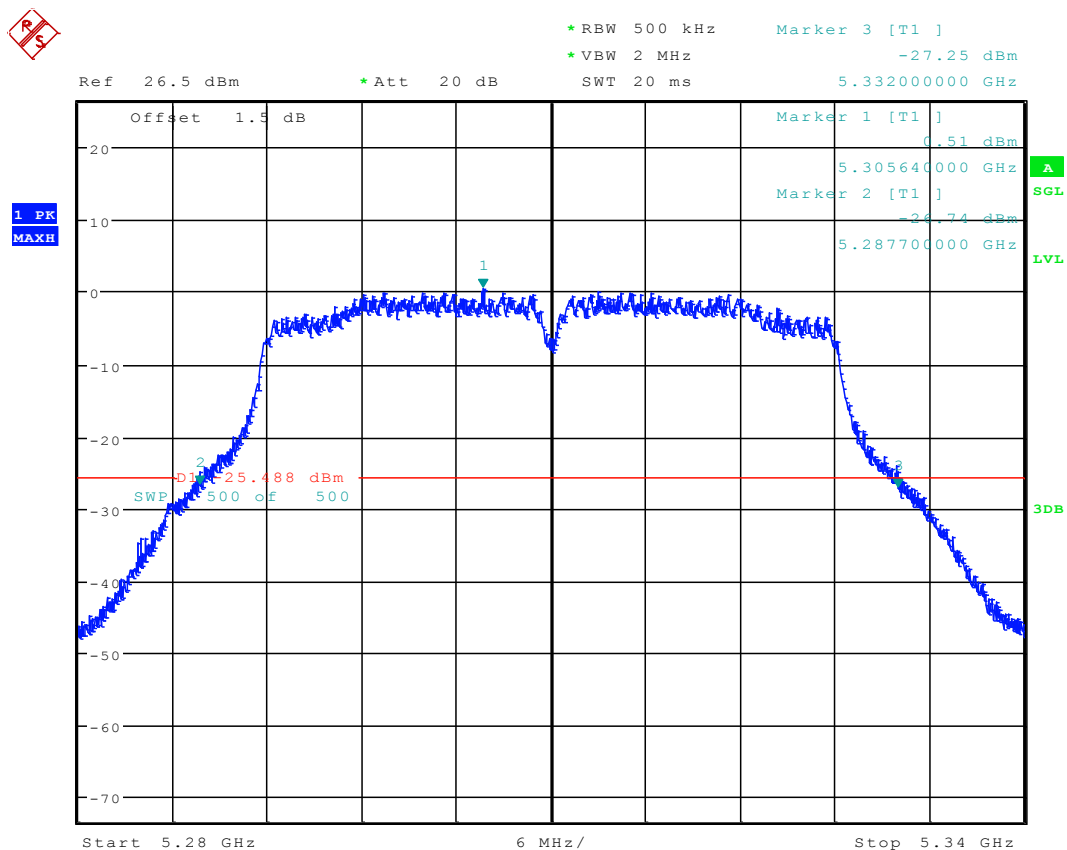
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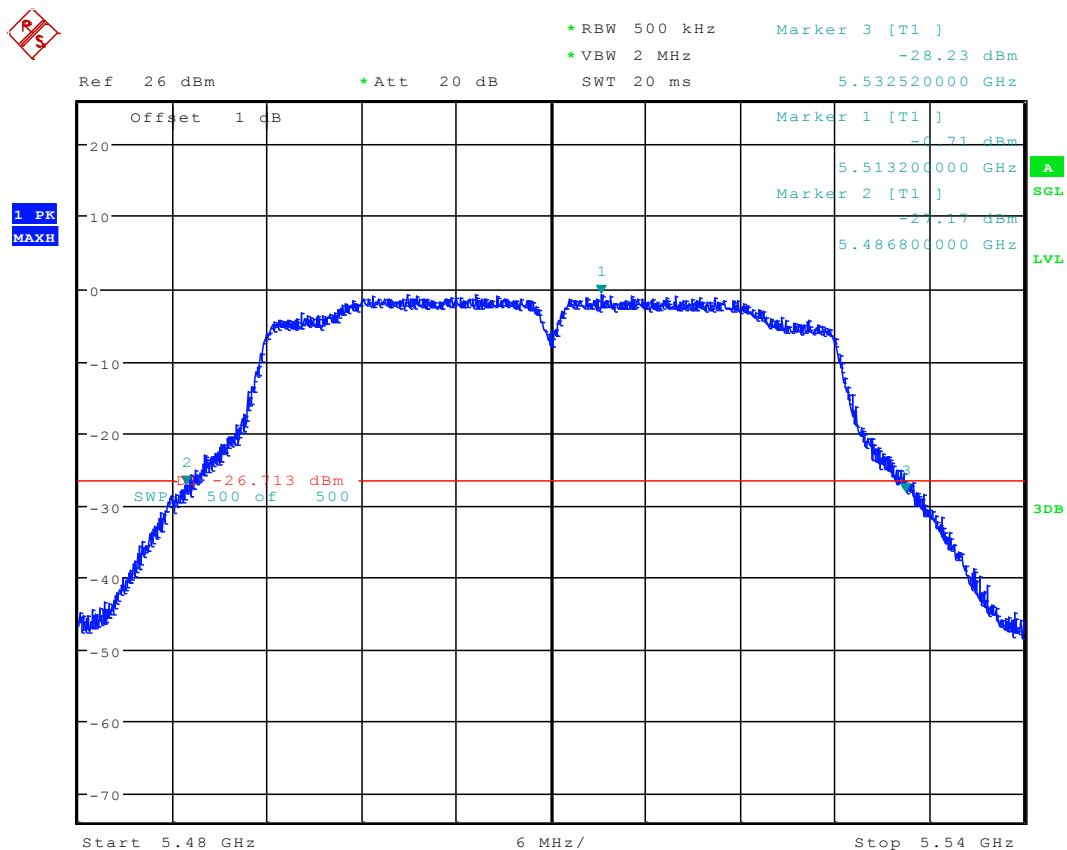
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3.64 11N40MIMO_62 ANT 2



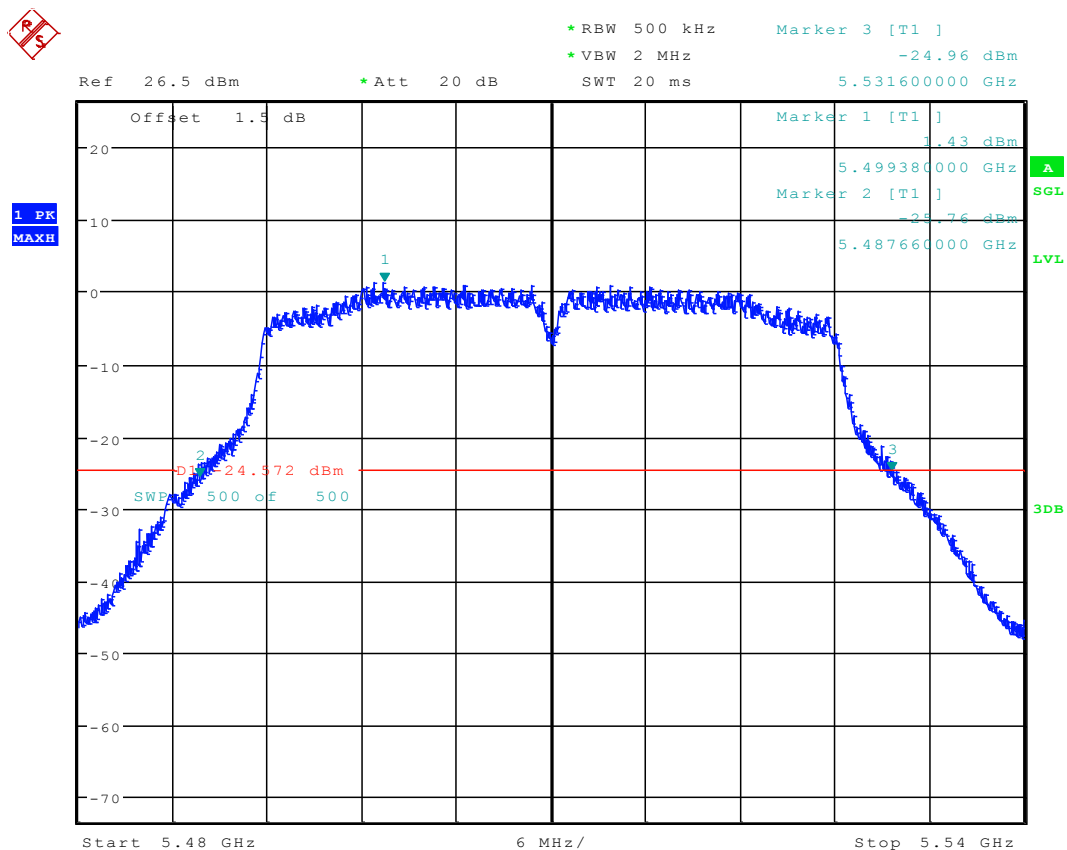
Date: 26.JAN.2018 15:36:18

3.65 11N40MIMO_102 ANT 1



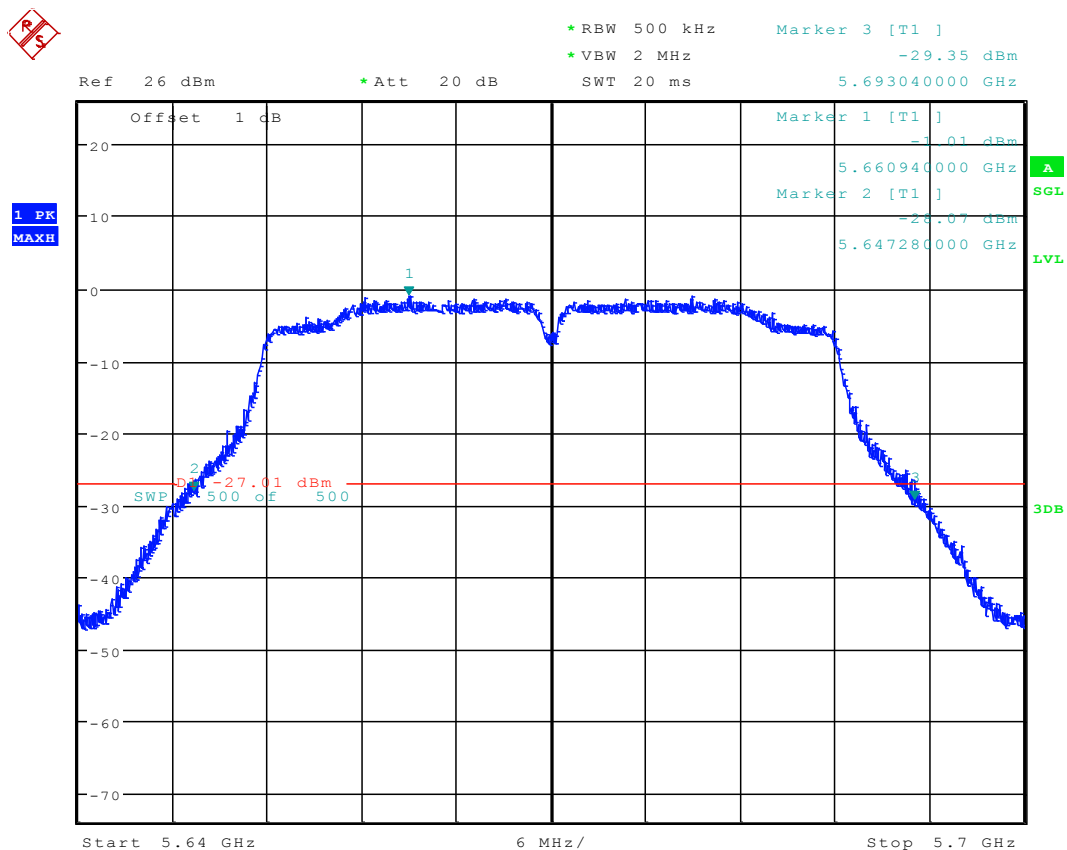
Date: 23.JAN.2018 15:24:28

3.66 11N40MIMO_102 ANT 2



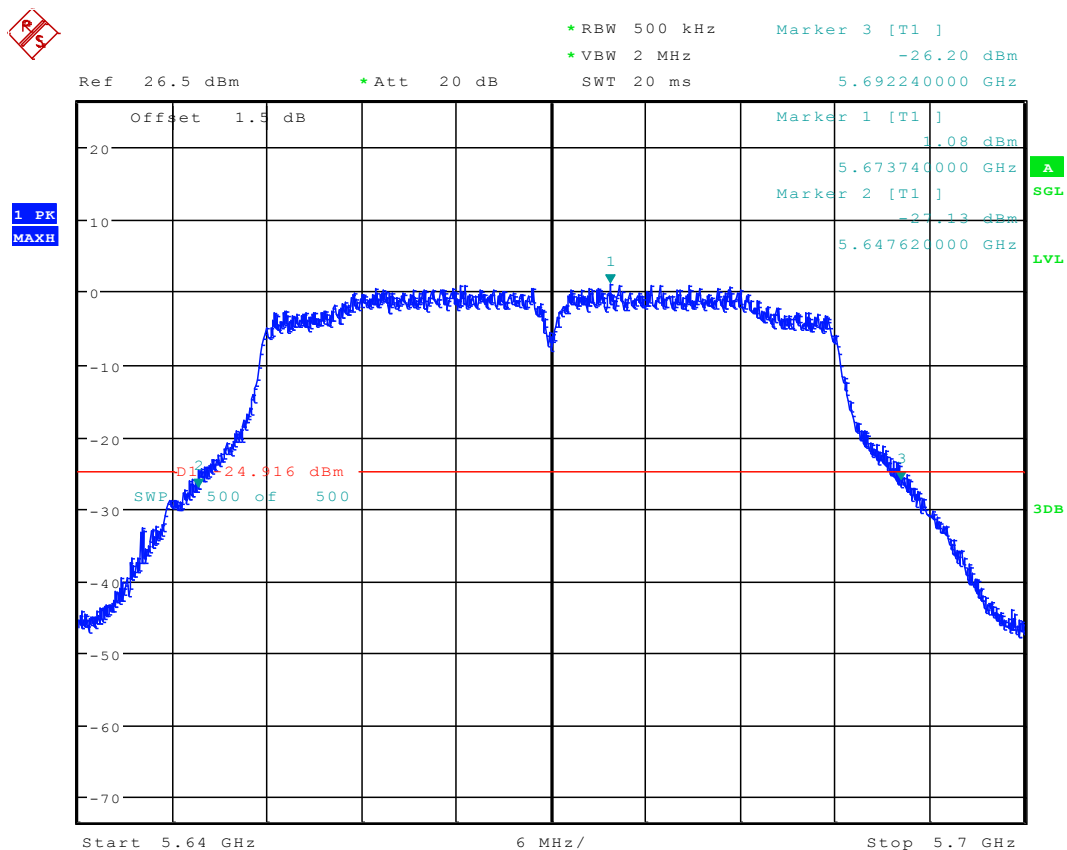
Date: 26.JAN.2018 15:38:56

3.67 11N40MIMO_134 ANT 1



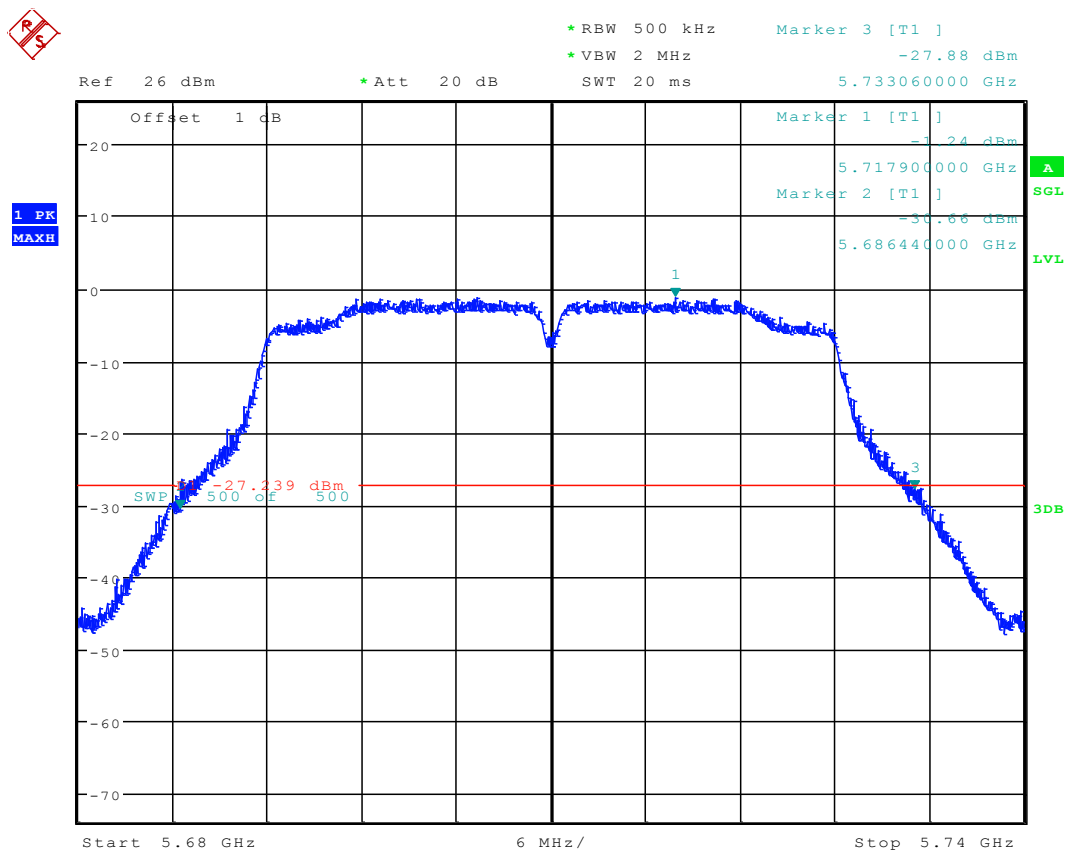
Date: 23.JAN.2018 15:27:01

3.68 11N40MIMO_134 ANT 2



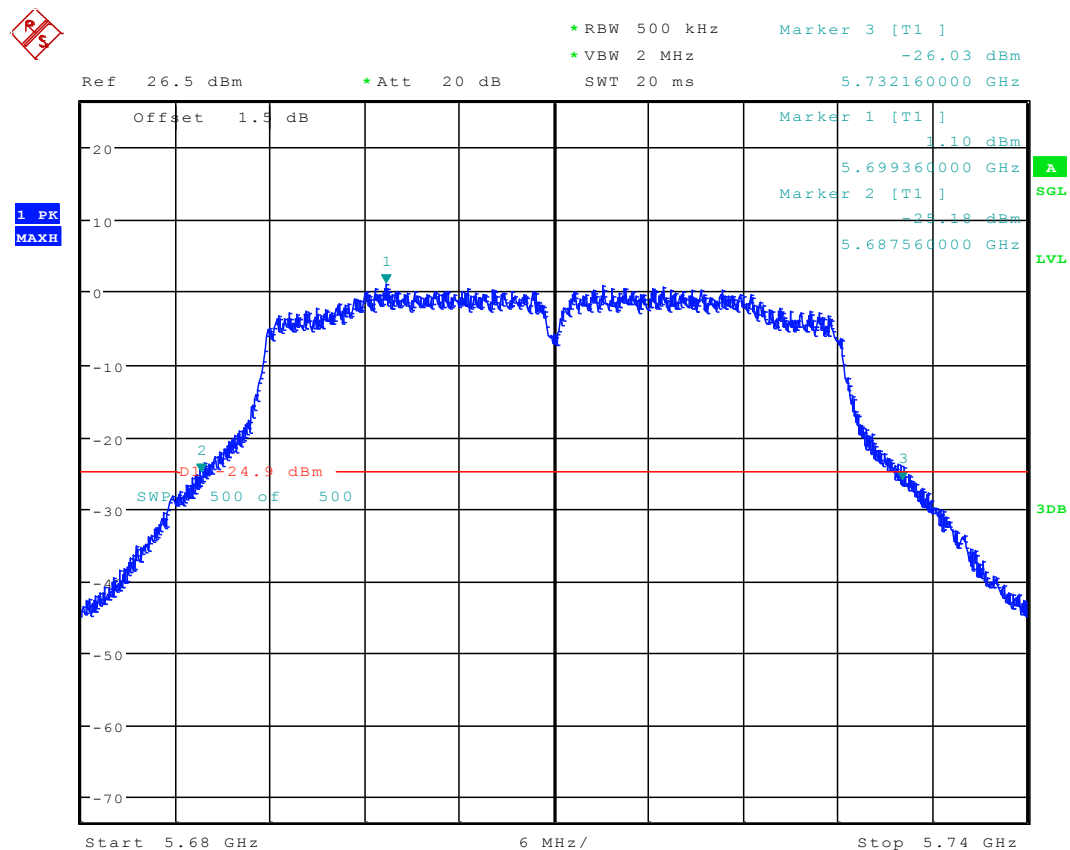
Date: 26.JAN.2018 15:41:21

3.69 11N40MIMO_142 ANT 1



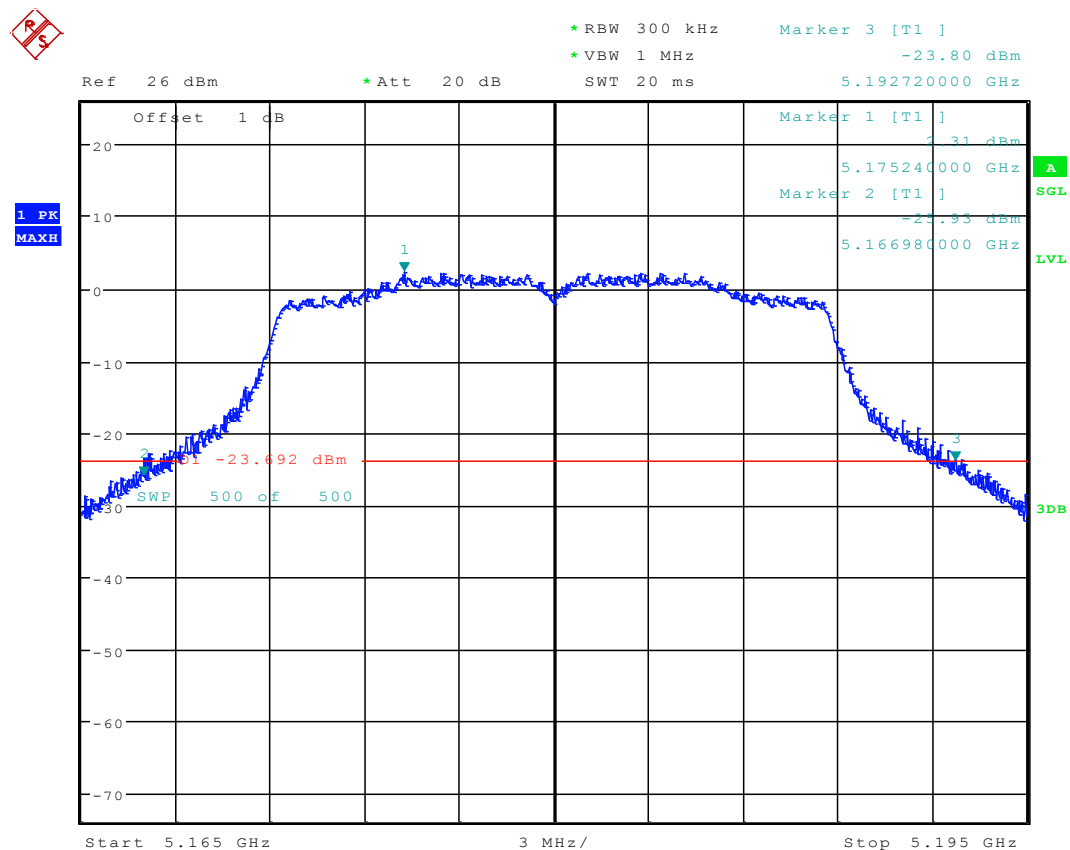
Date: 23.JAN.2018 15:29:43

3.70 11N40MIMO_142 ANT 2



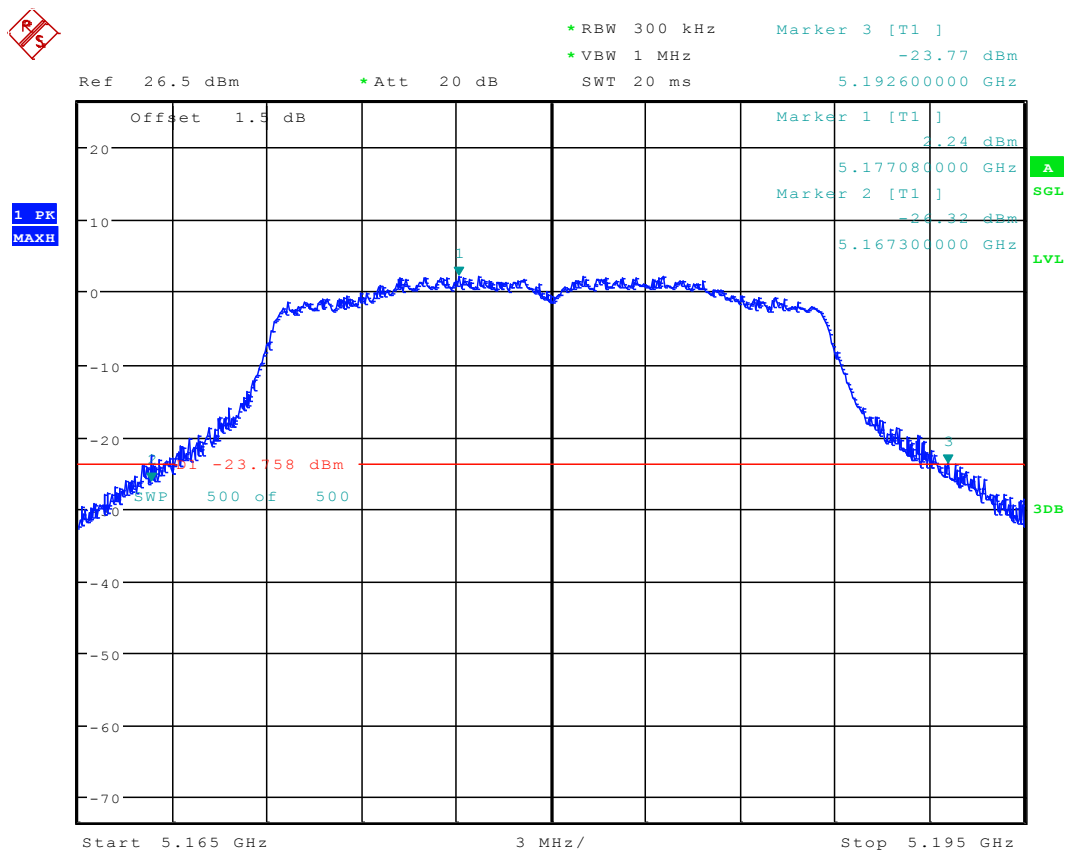
Date: 26.JAN.2018 15:43:49

3.71 11AC20_36 ANT 1



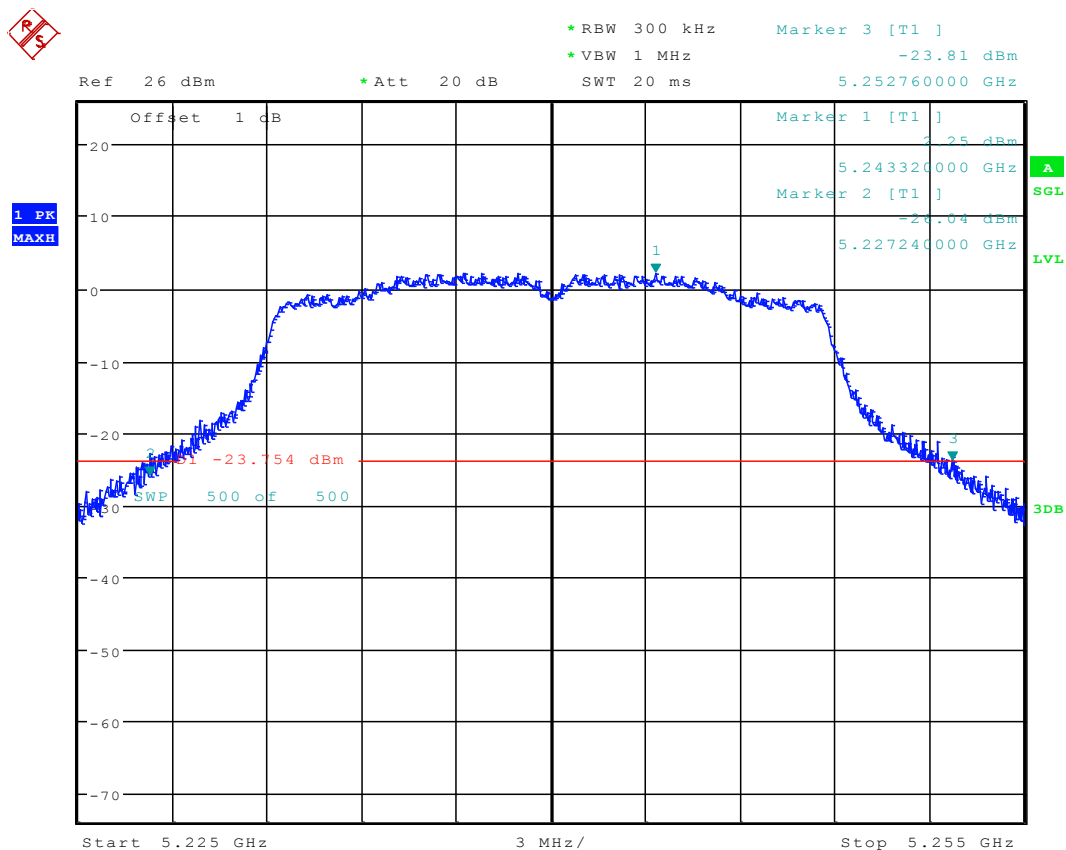
Date: 22.JAN.2018 15:24:52

3.72 11AC20_36 ANT 2



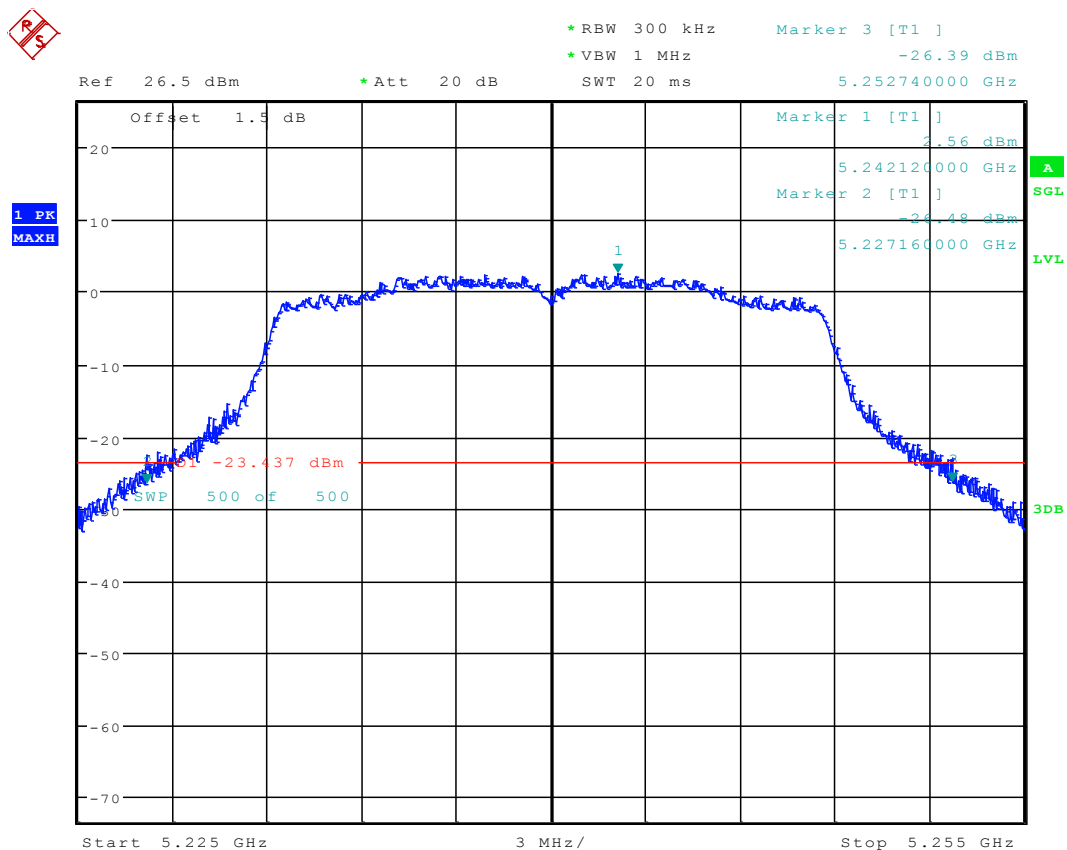
Date: 24.JAN.2018 13:48:26

3.73 11AC20_48 ANT 1



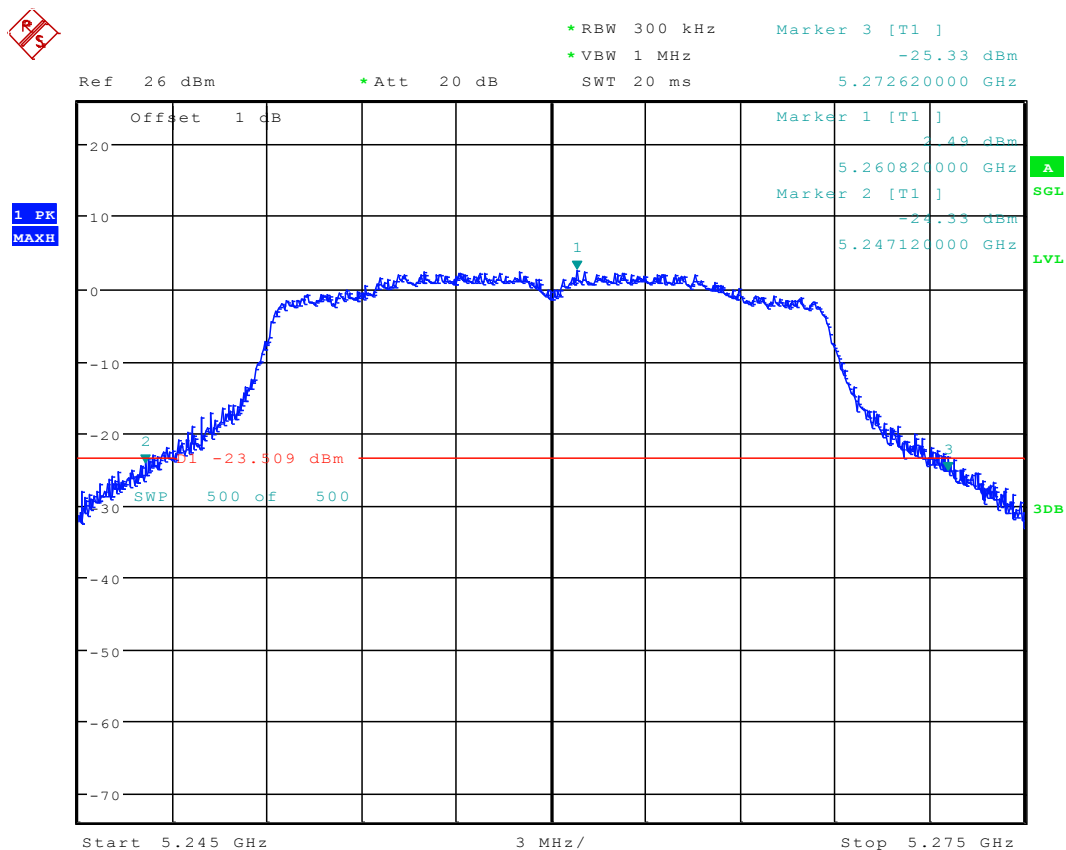
Date: 22.JAN.2018 15:28:19

3.74 11AC20_48 ANT 2



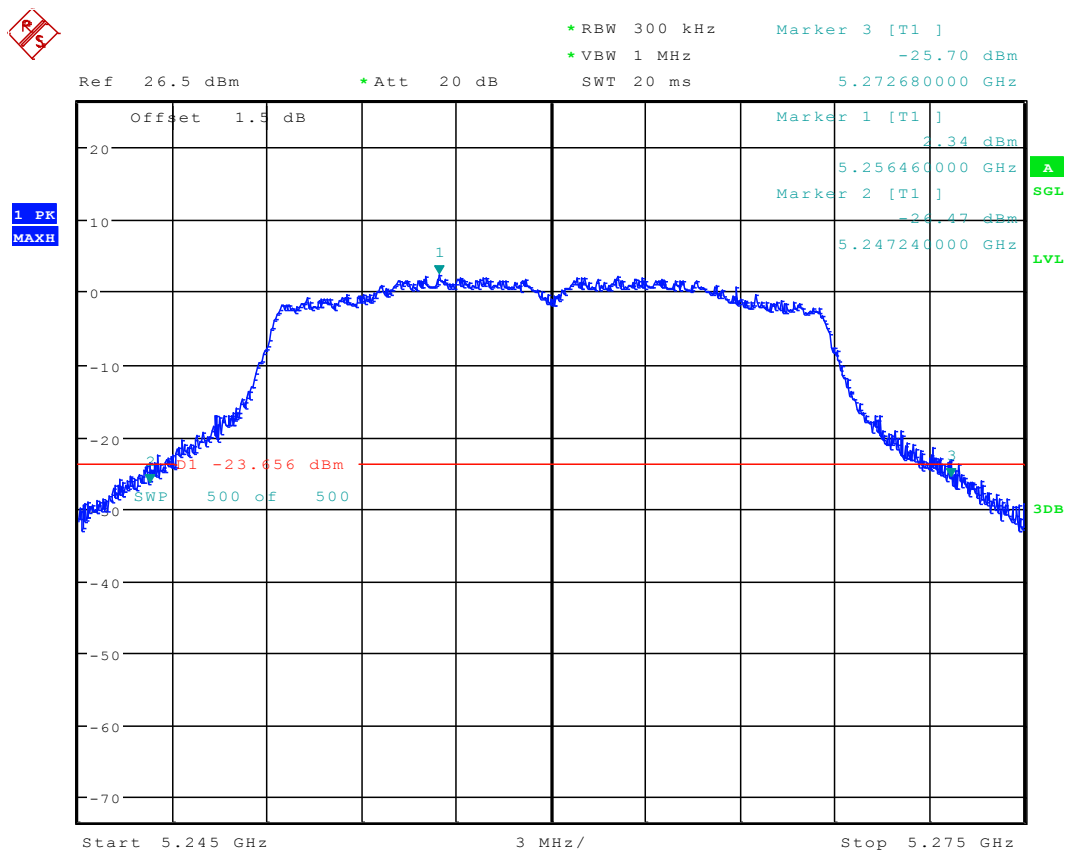
Date: 26.JAN.2018 18:19:04

3.75 11AC20_52 ANT 1



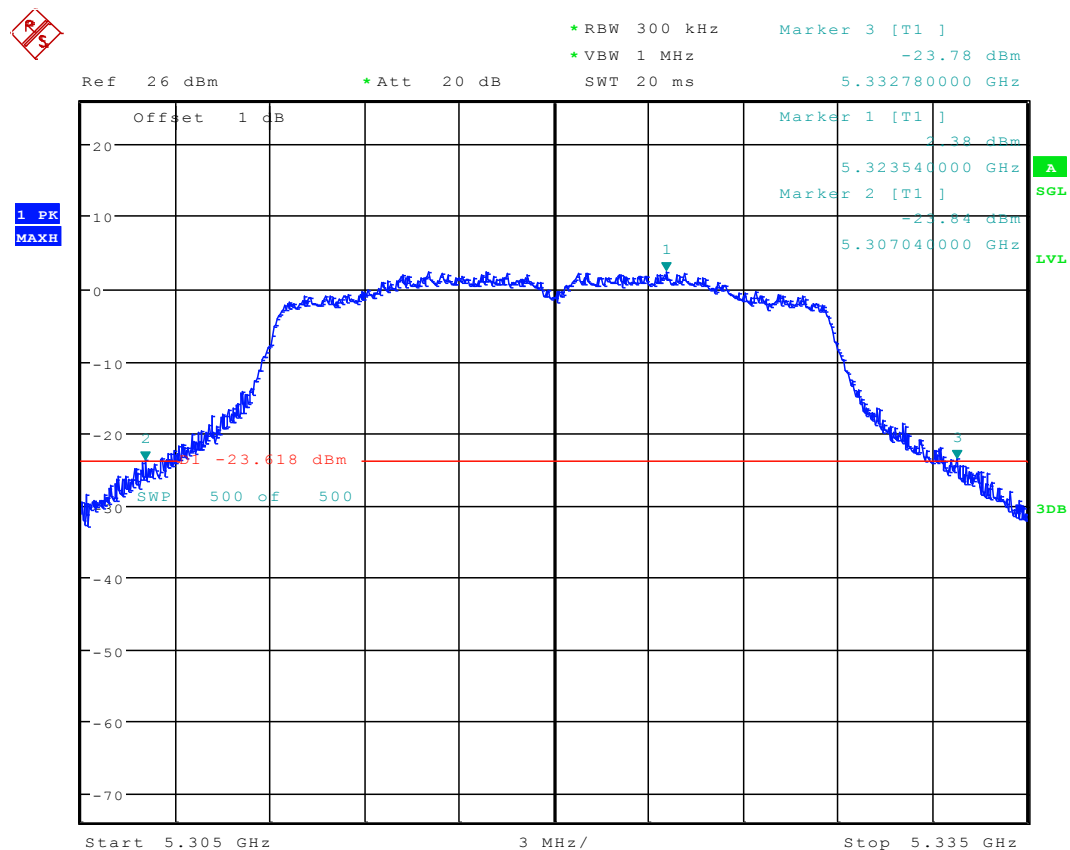
Date: 22.JAN.2018 15:31:39

3.76 11AC20_52 ANT 2



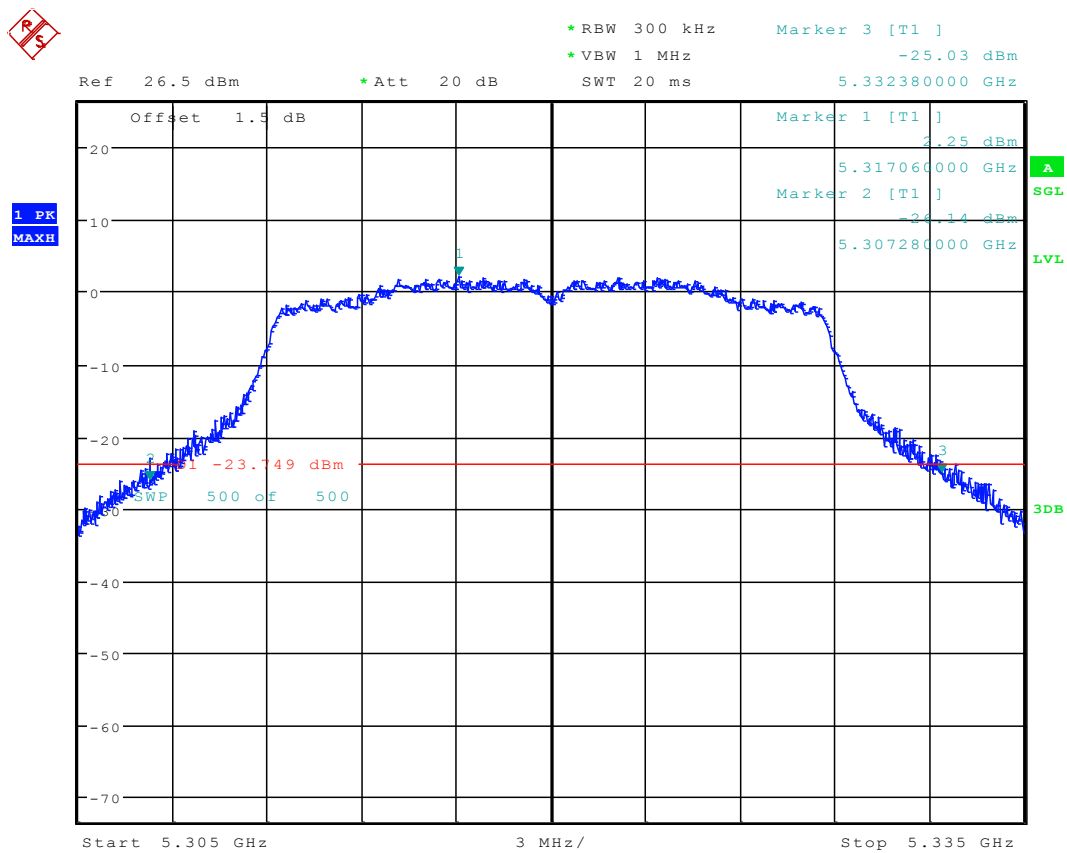
Date: 24.JAN.2018 13:54:43

3.77 11AC20_64 ANT 1



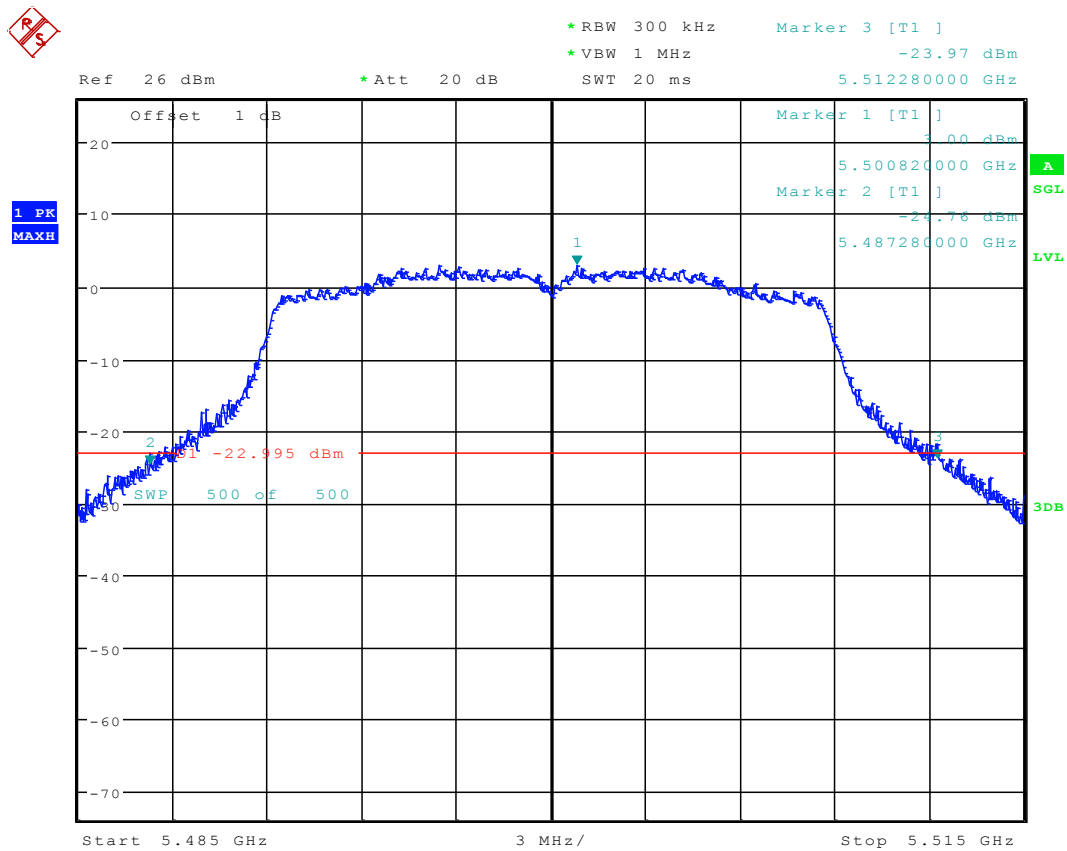
Date: 22.JAN.2018 15:38:29

3.78 11AC20_64 ANT 2



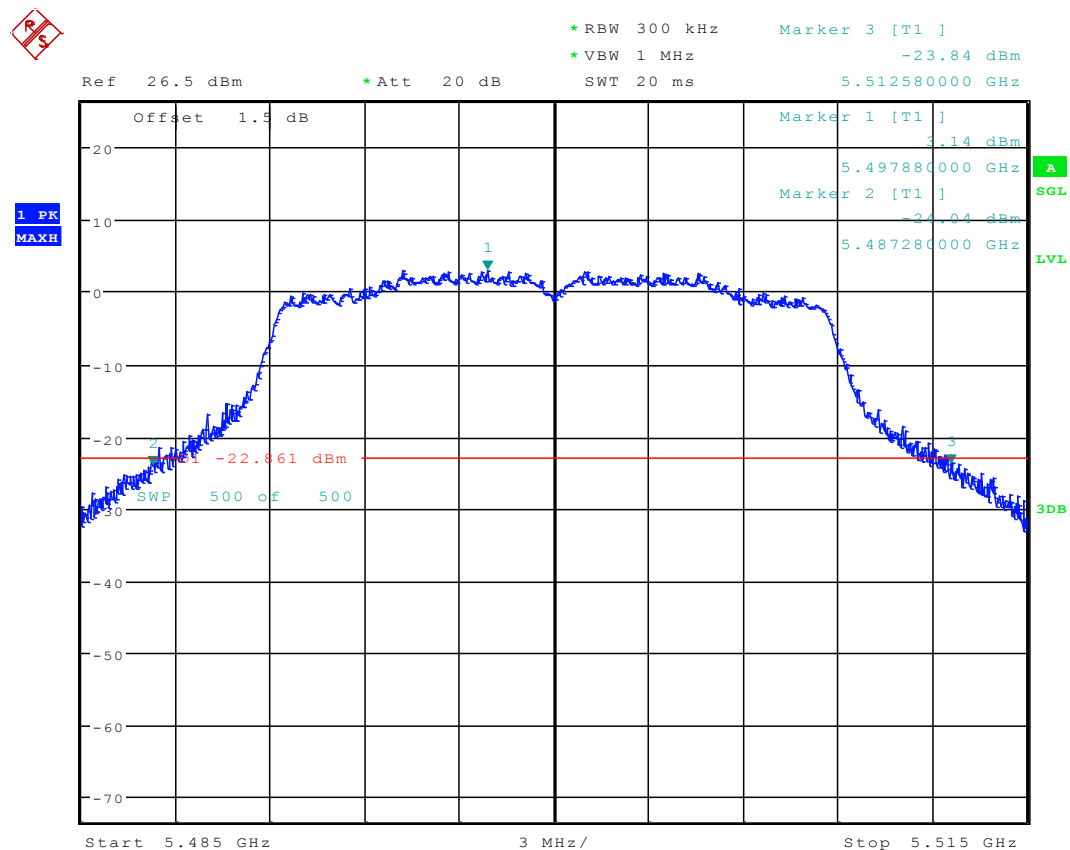
Date: 24.JAN.2018 13:59:18

3.79 11AC20_100 ANT 1



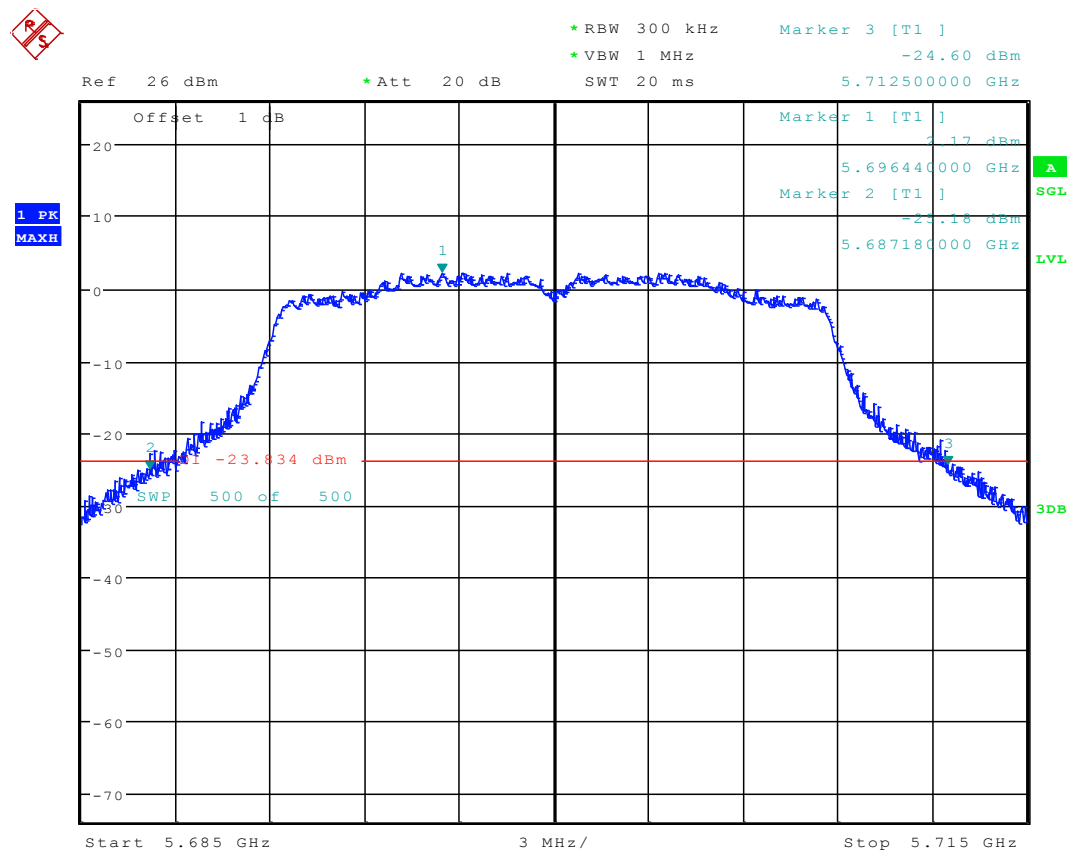
Date: 22.JAN.2018 15:43:15

3.80 11AC20_100 ANT 2



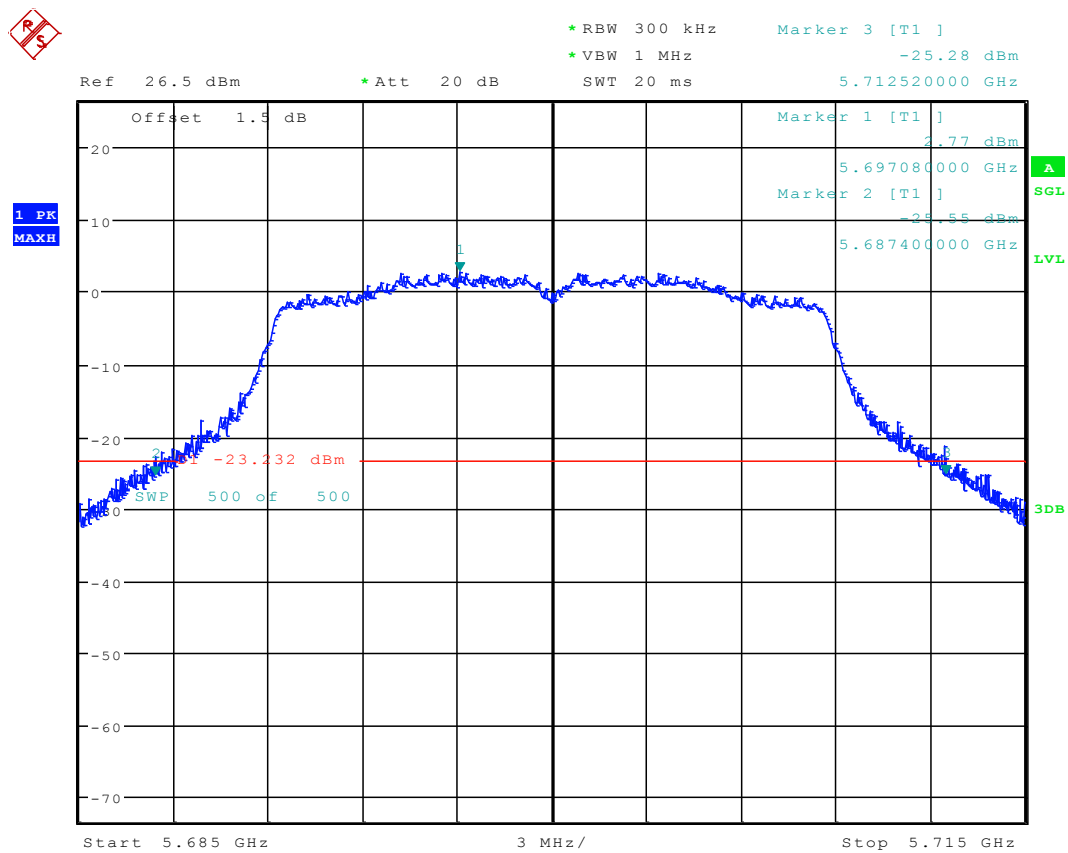
Date: 24.JAN.2018 14:01:48

3.81 11AC20_140 ANT 1



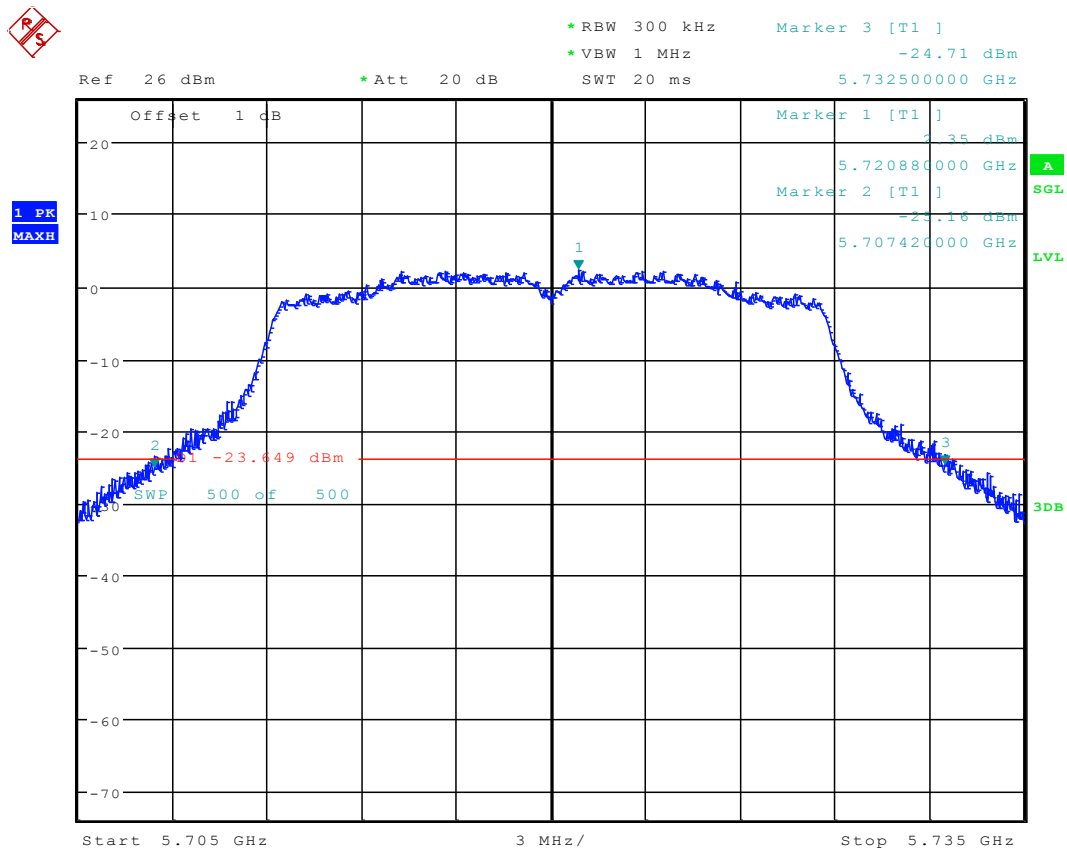
Date: 22.JAN.2018 15:45:45

3.82 11AC20_140 ANT 2



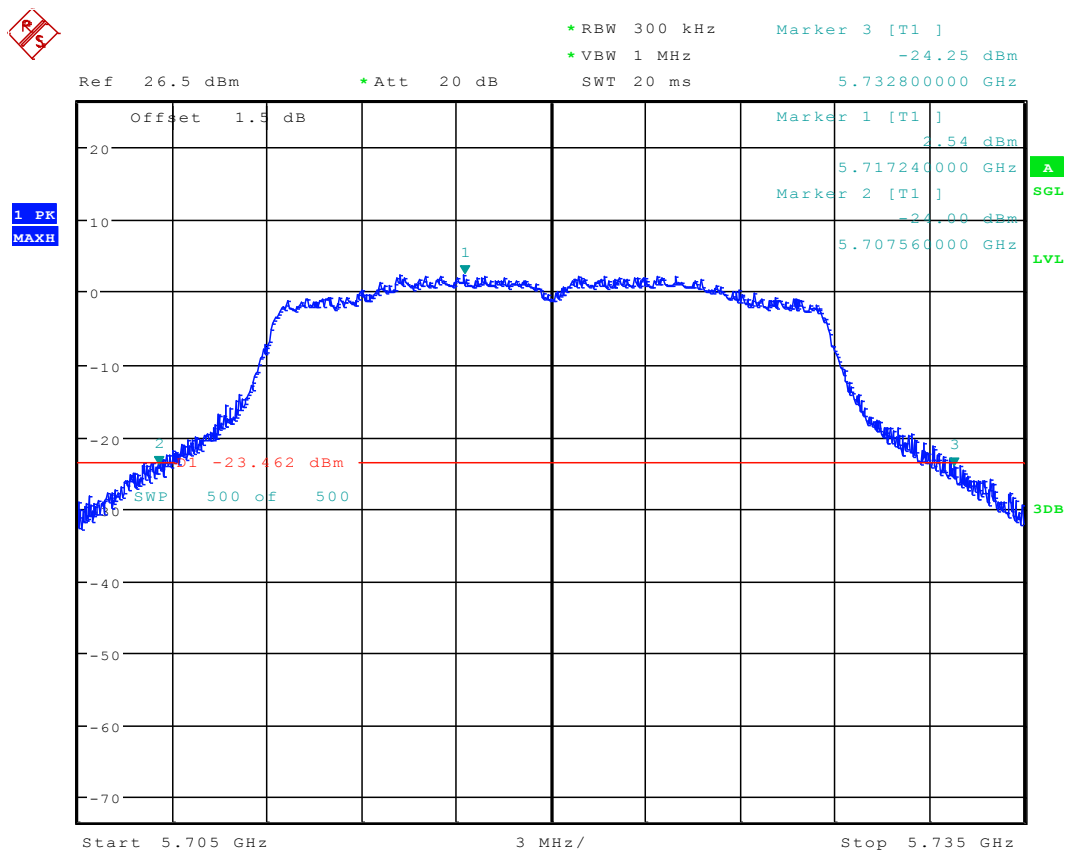
Date: 24.JAN.2018 14:04:14

3.83 11AC20_144 ANT 1



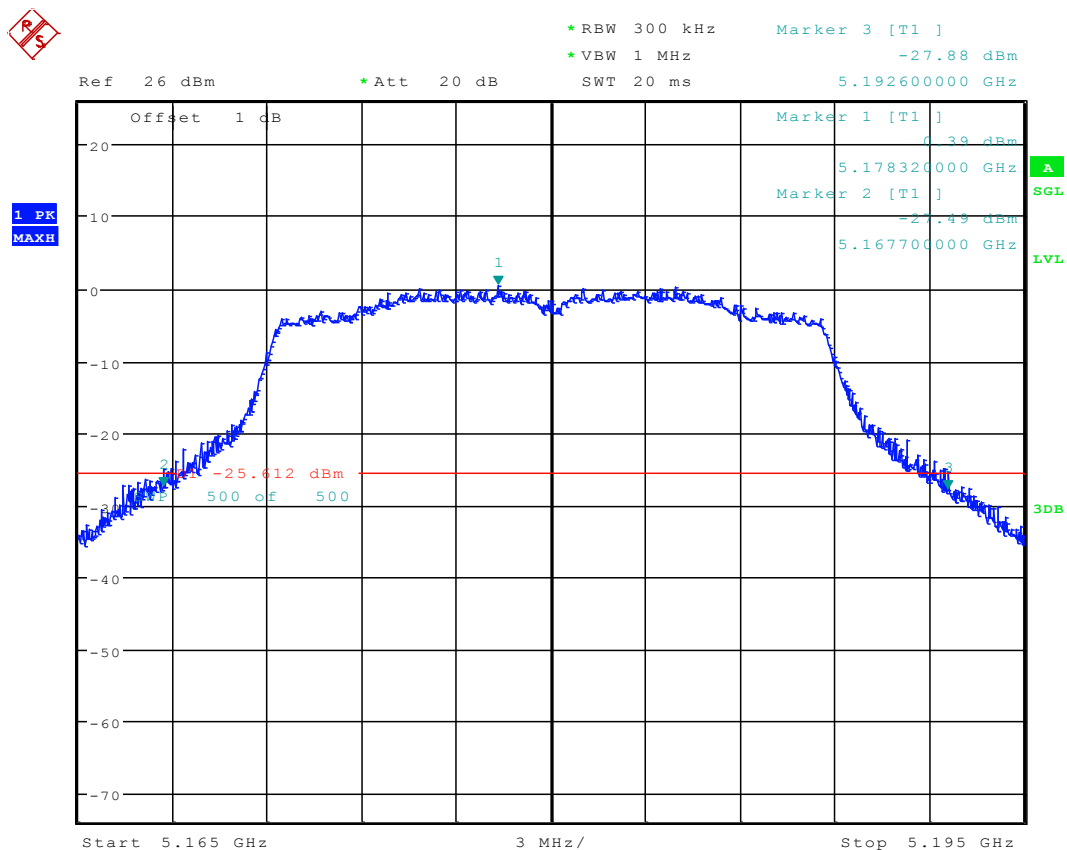
Date: 22.JAN.2018 15:50:51

3.84 11AC20_144 ANT 2



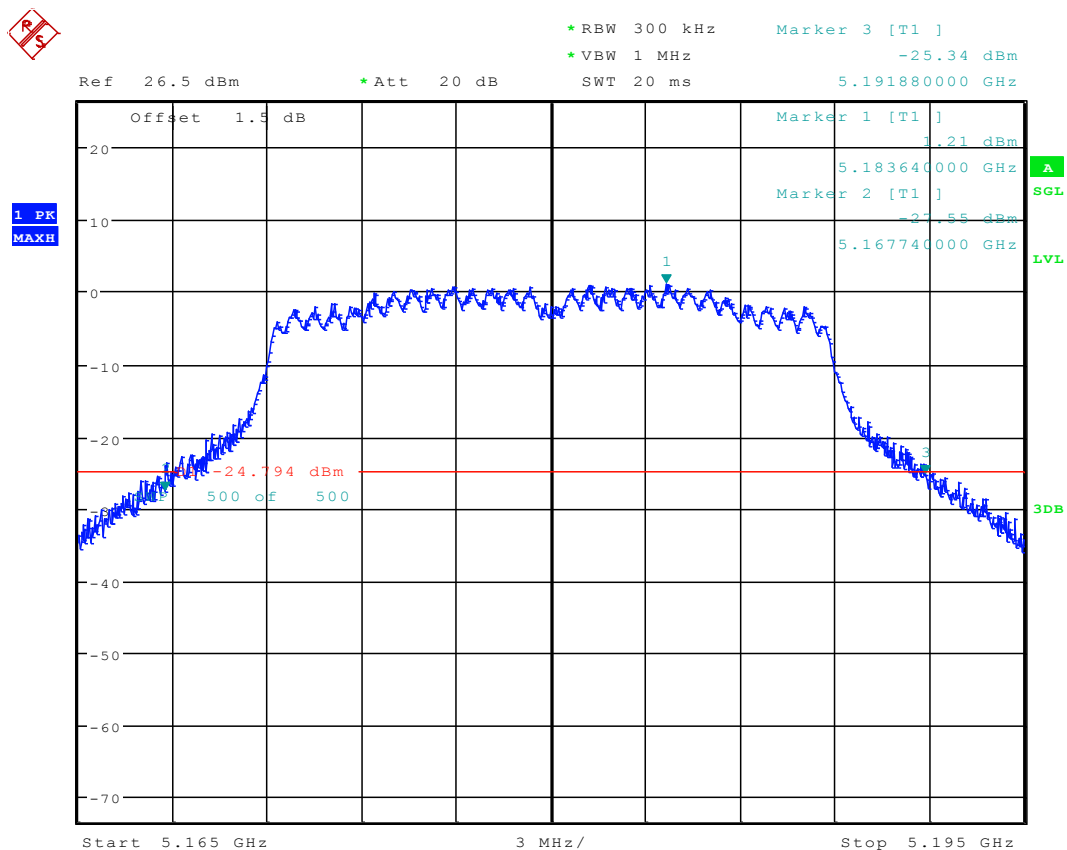
Date: 24.JAN.2018 14:06:32

3.85 11AC20MIMO_36 ANT 1



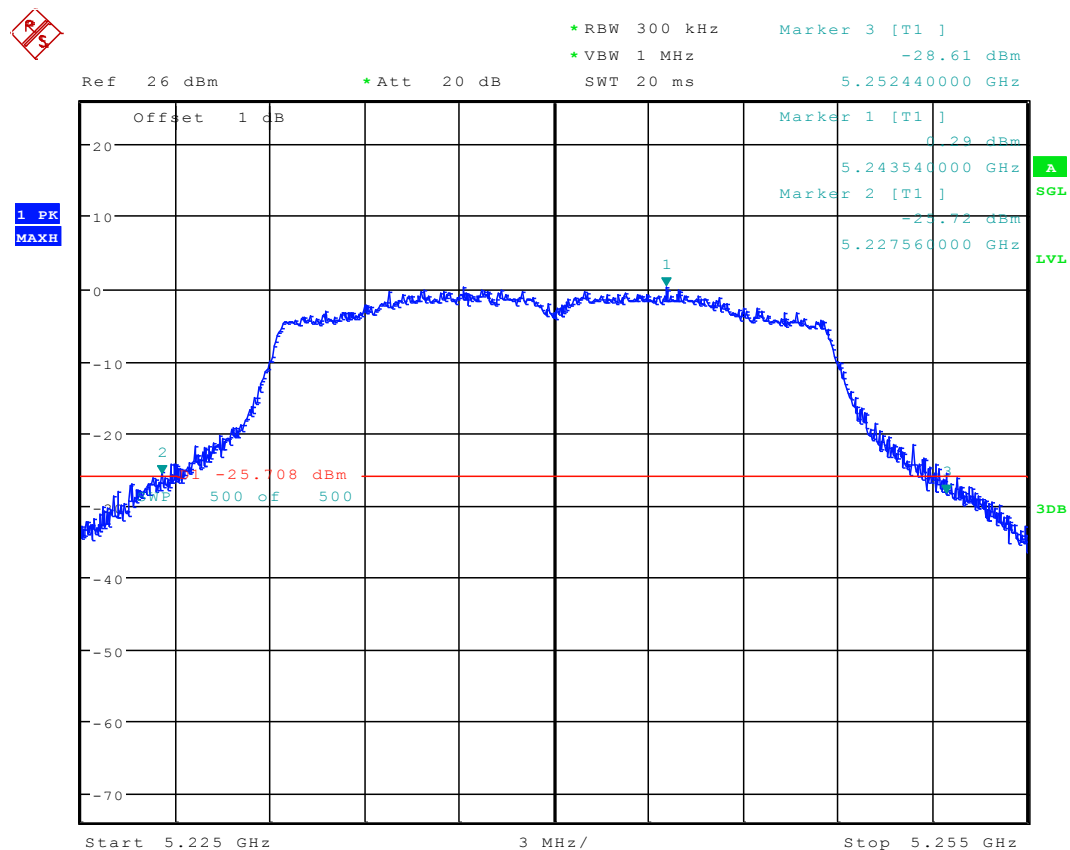
Date: 23.JAN.2018 15:40:43

3.86 11AC20MIMO_36 ANT 2



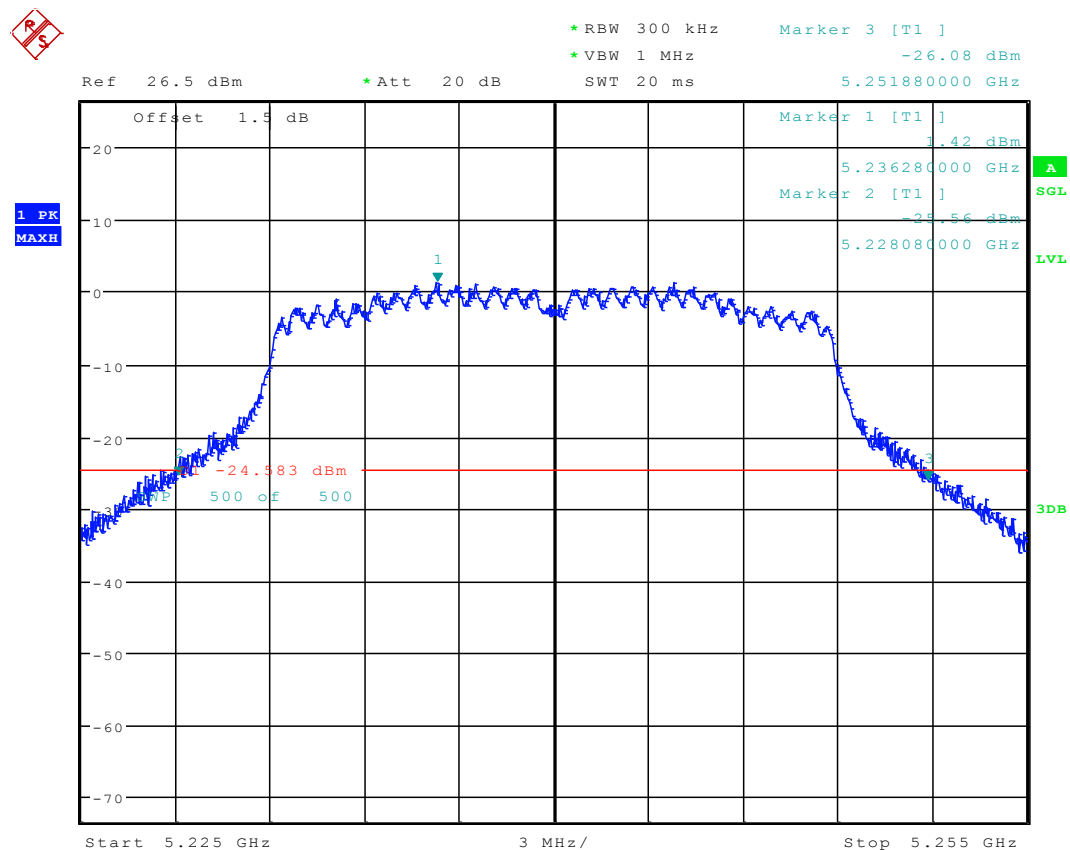
Date: 26.JAN.2018 14:57:56

3.87 11AC20MIMO_48 ANT 1



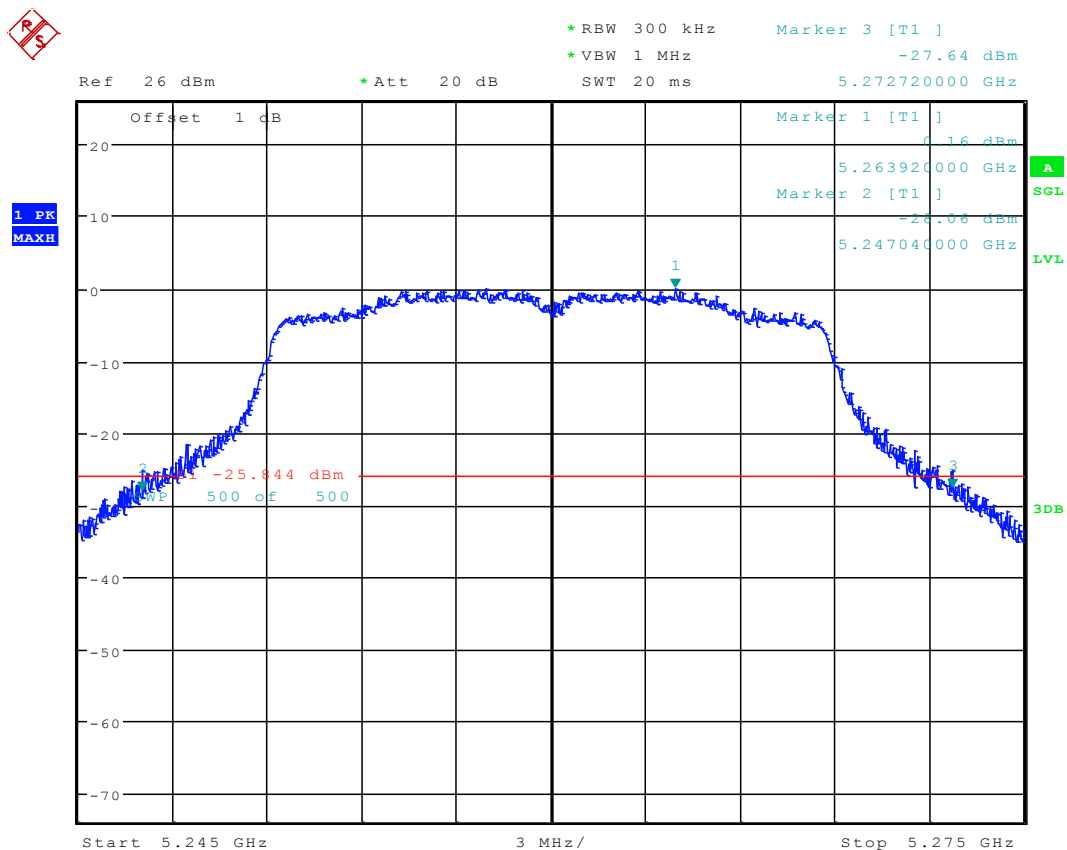
Date: 23.JAN.2018 15:43:40

3.88 11AC20MIMO_48 ANT 2



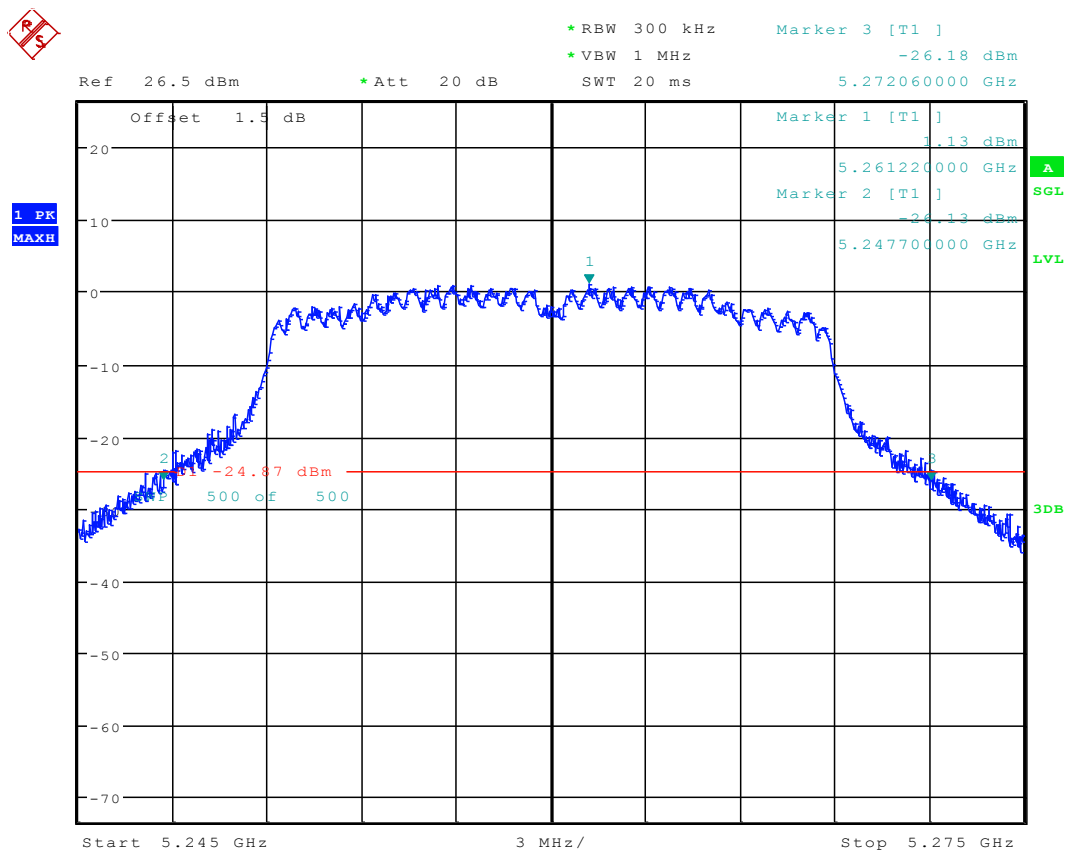
Date: 26.JAN.2018 15:02:31

3.89 11AC20MIMO_52 ANT 1



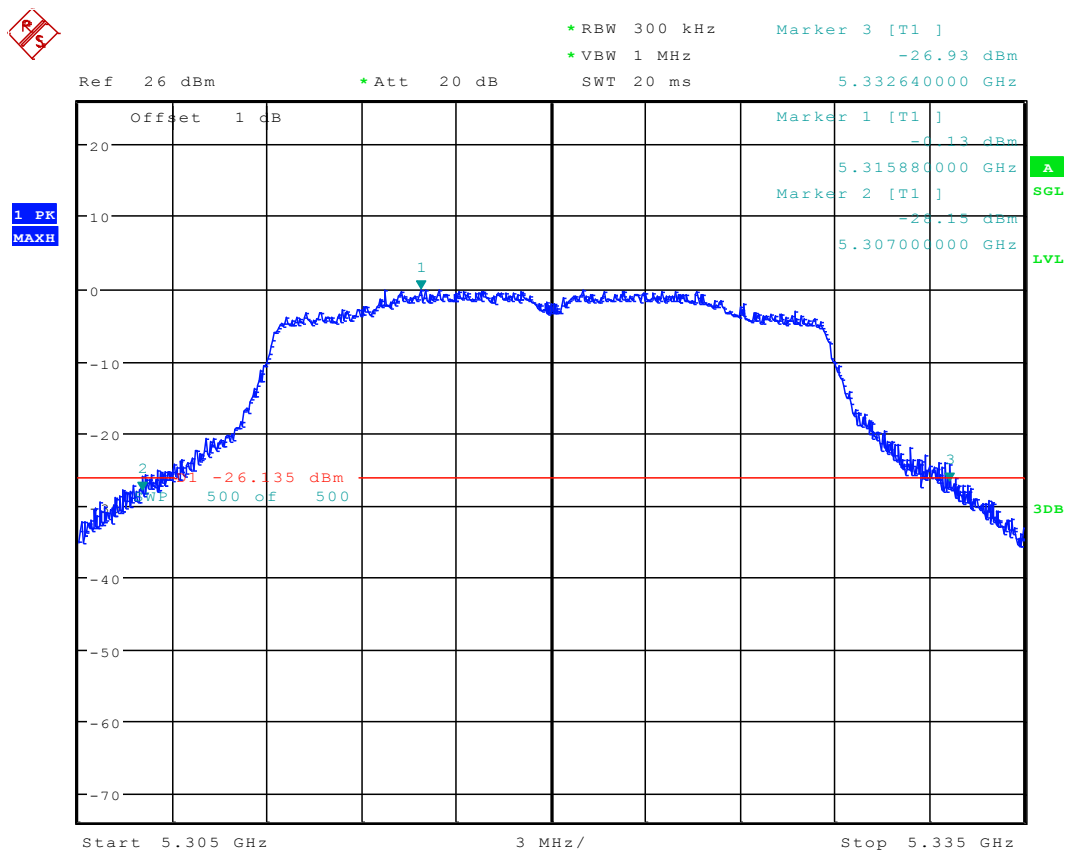
Date: 23.JAN.2018 15:46:31

3.90 11AC20MIMO_52 ANT 2



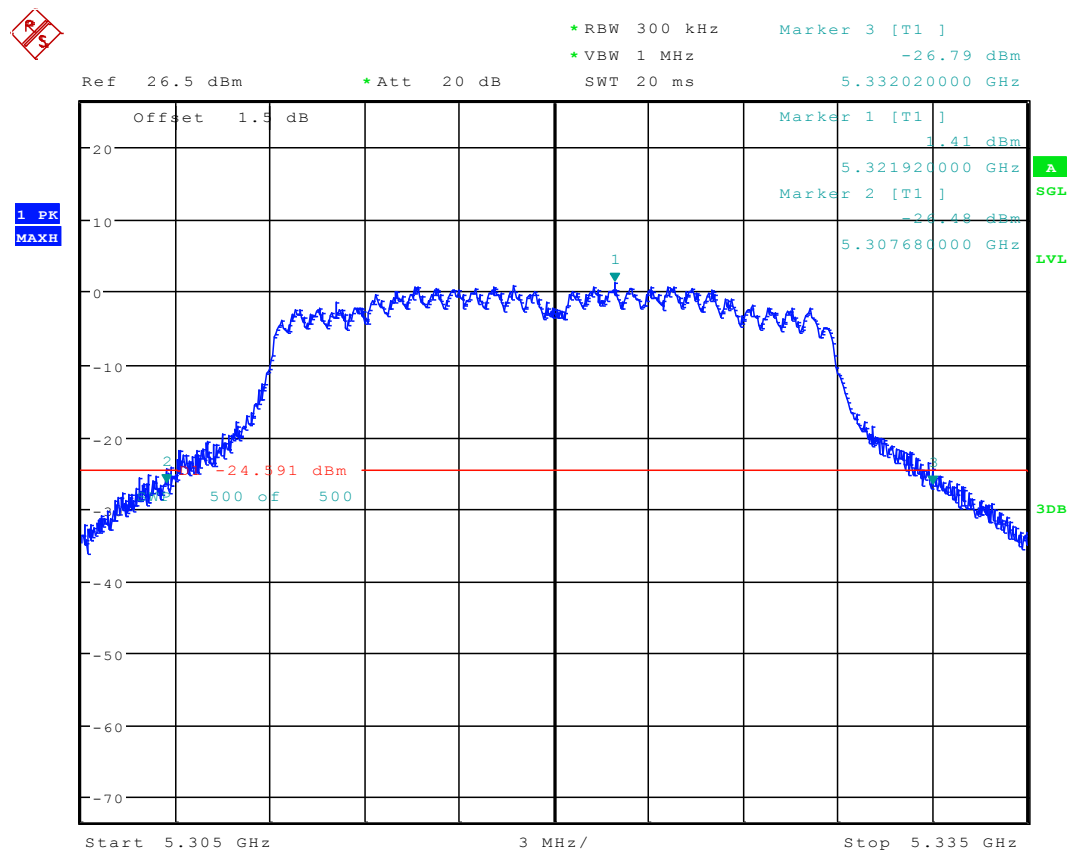
Date: 26.JAN.2018 15:05:09

3.91 11AC20MIMO_64 ANT 1



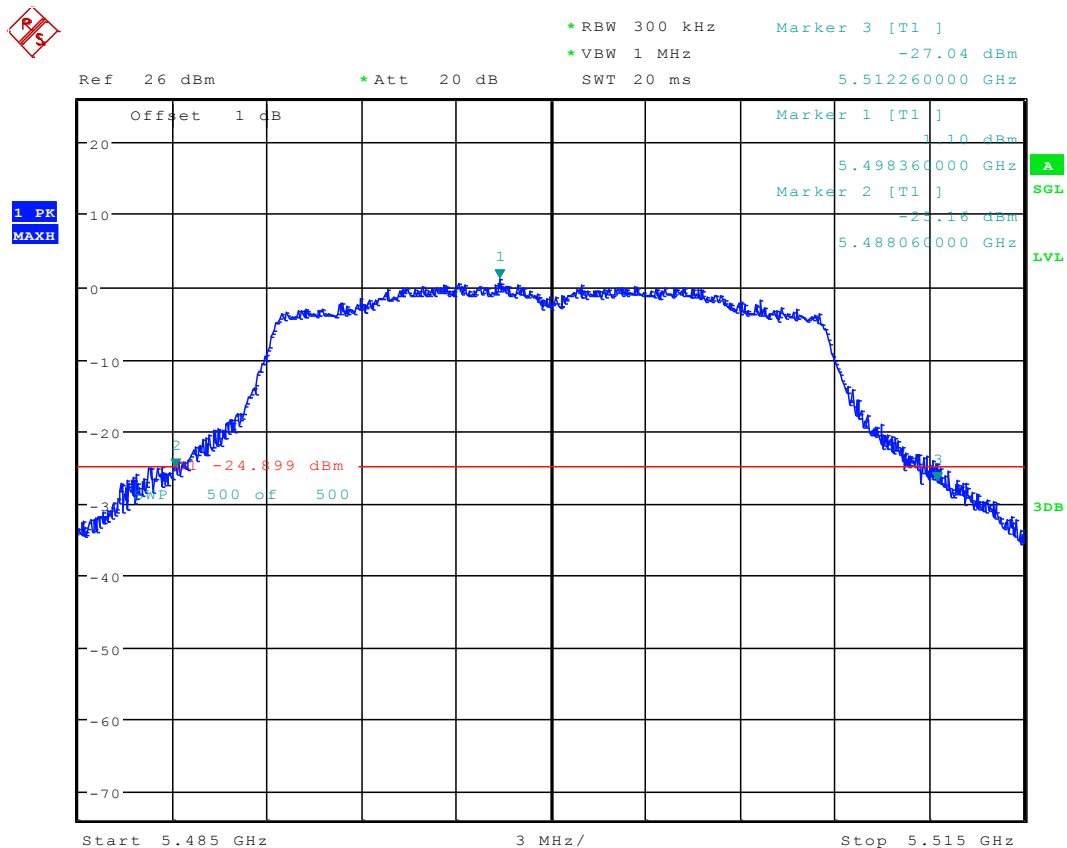
Date: 23.JAN.2018 15:49:00

3.92 11AC20MIMO_64 ANT 2



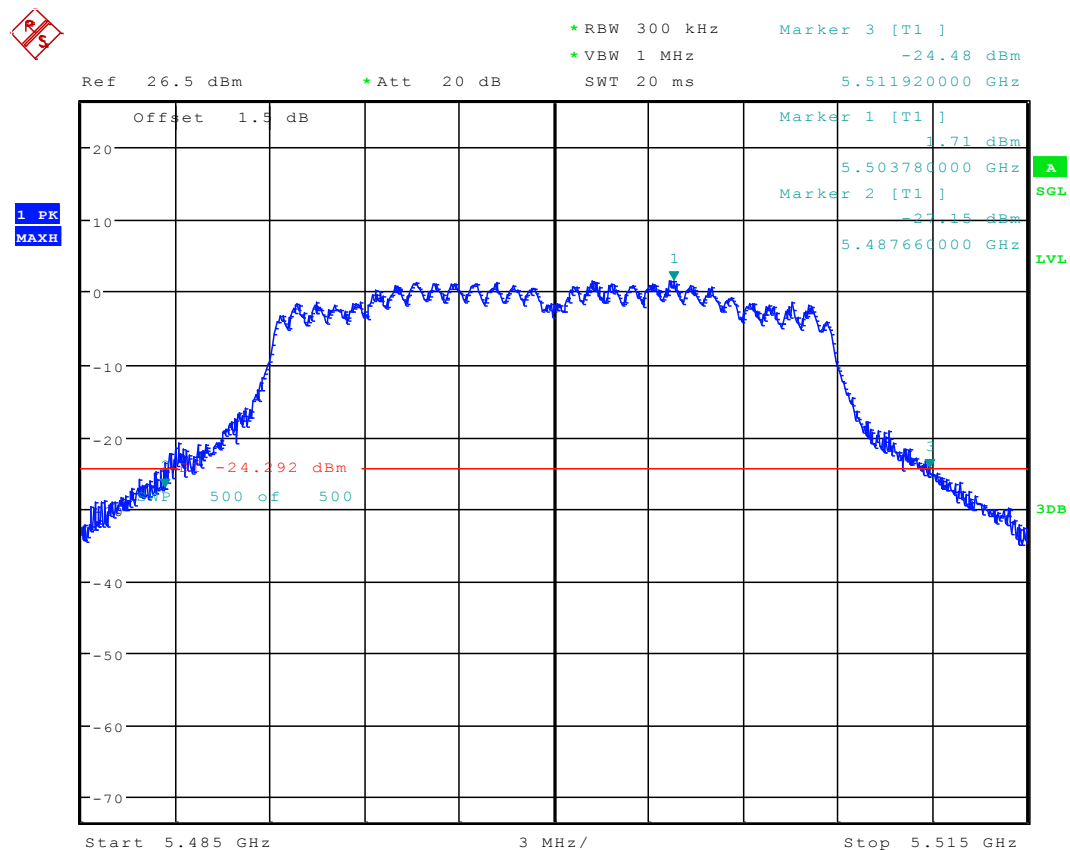
Date: 26.JAN.2018 15:09:07

3.93 11AC20MIMO_100 ANT 1



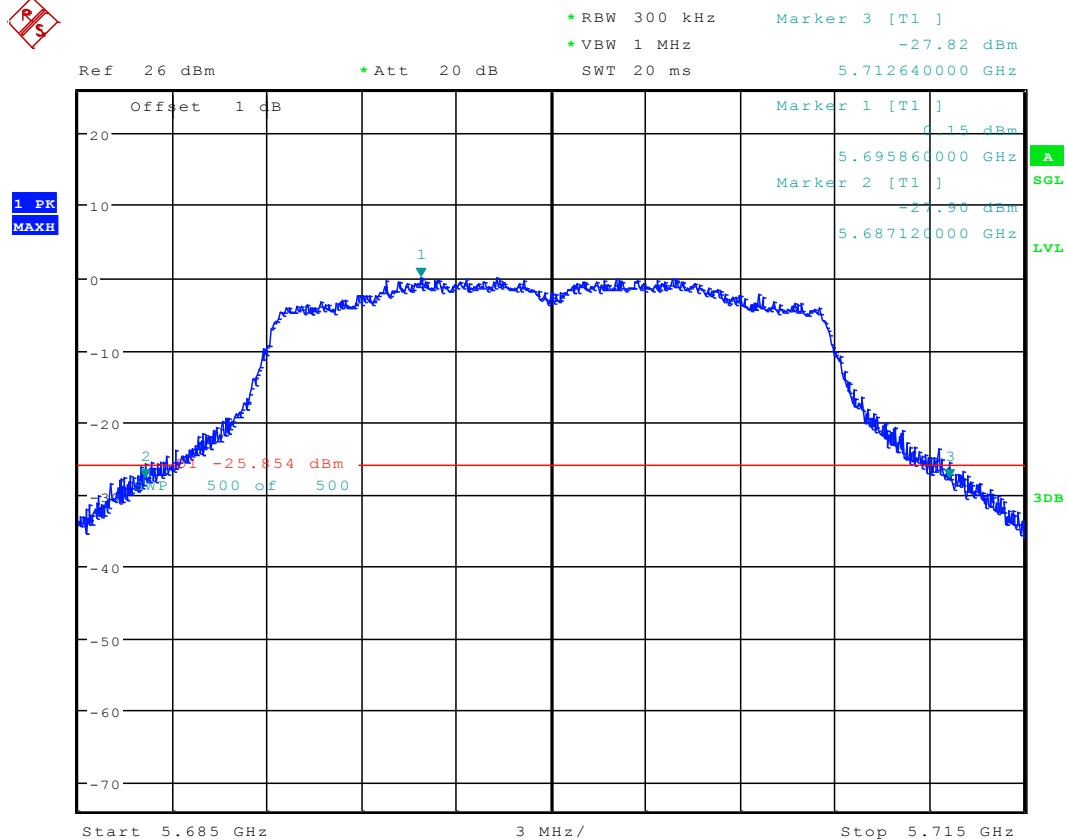
Date: 23.JAN.2018 15:51:50

3.94 11AC20MIMO_100 ANT 2



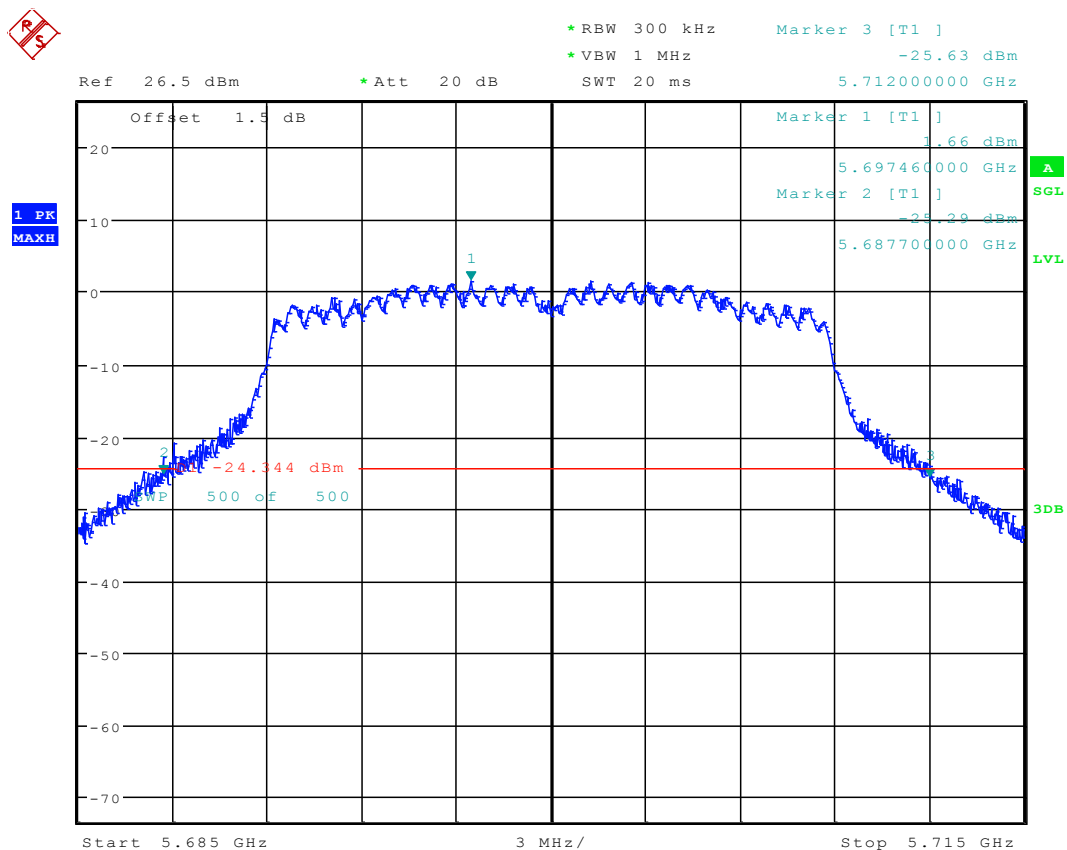
Date: 26.JAN.2018 15:12:25

3.95 11AC20MIMO_140 ANT 1



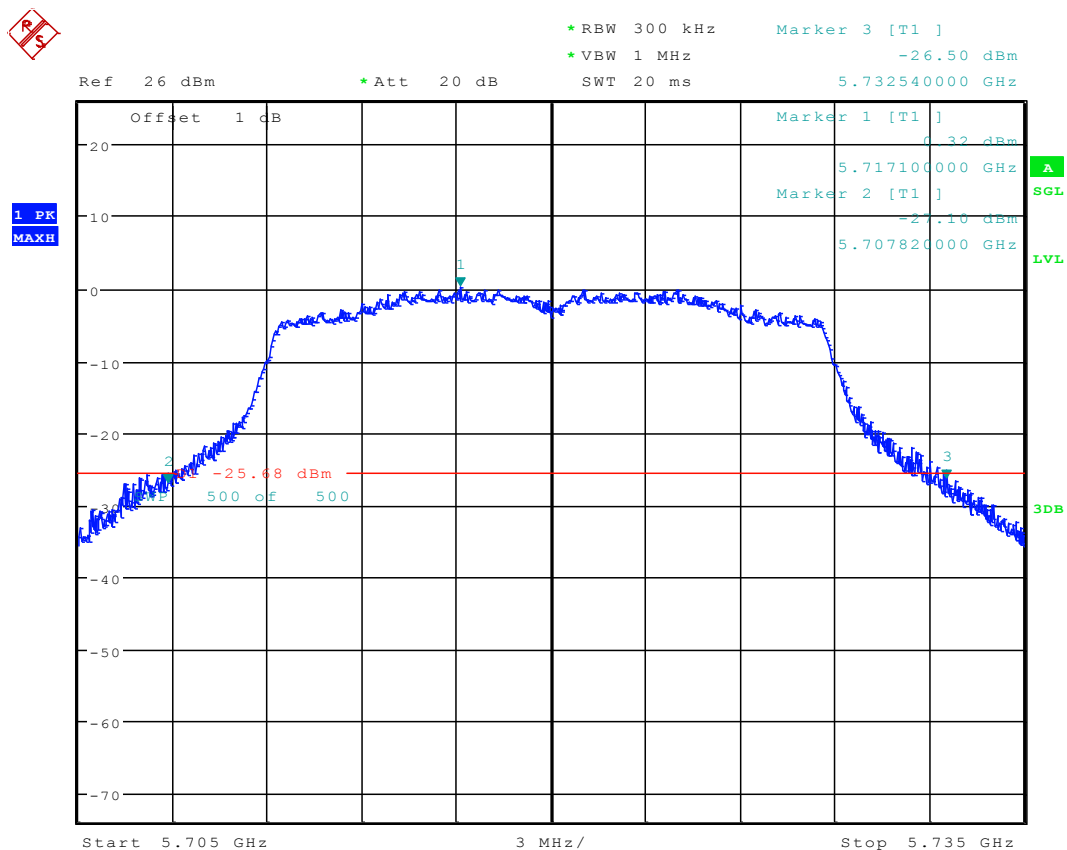
Date: 23.JAN.2018 15:54:21

3.96 11AC20MIMO_140 ANT 2



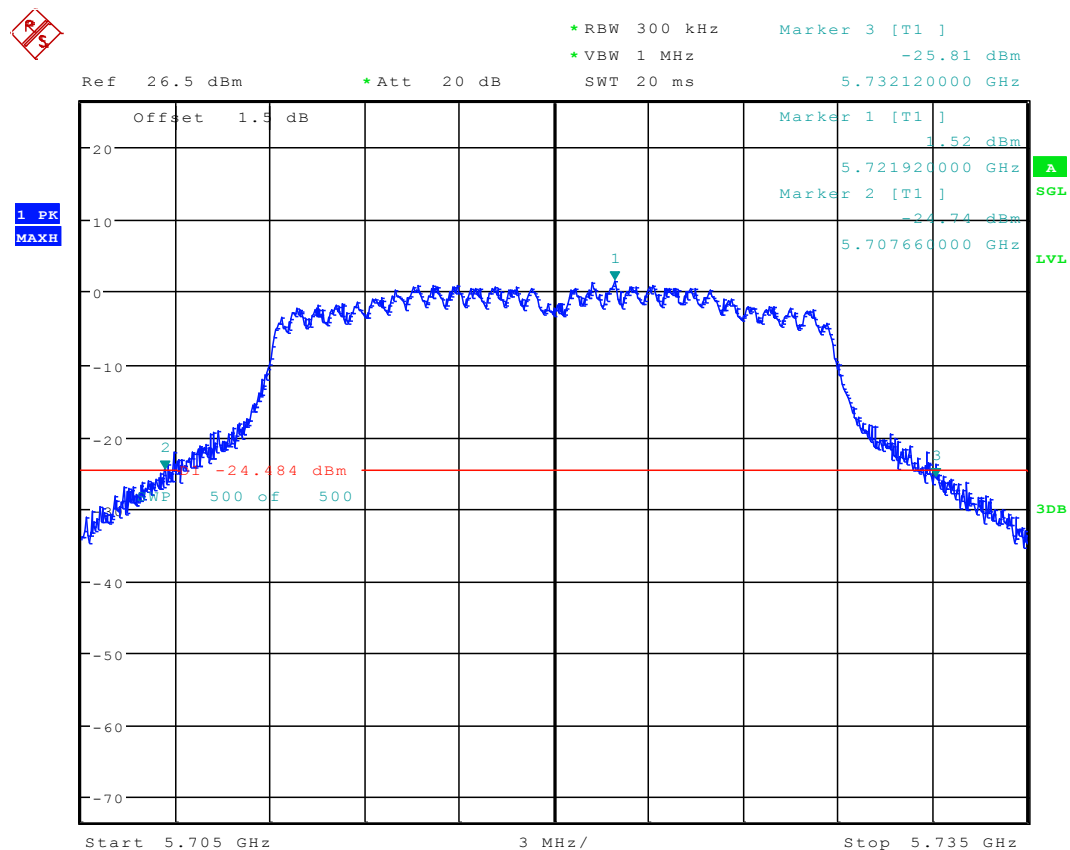
Date: 26.JAN.2018 15:15:07

3.97 11AC20MIMO_144 ANT 1



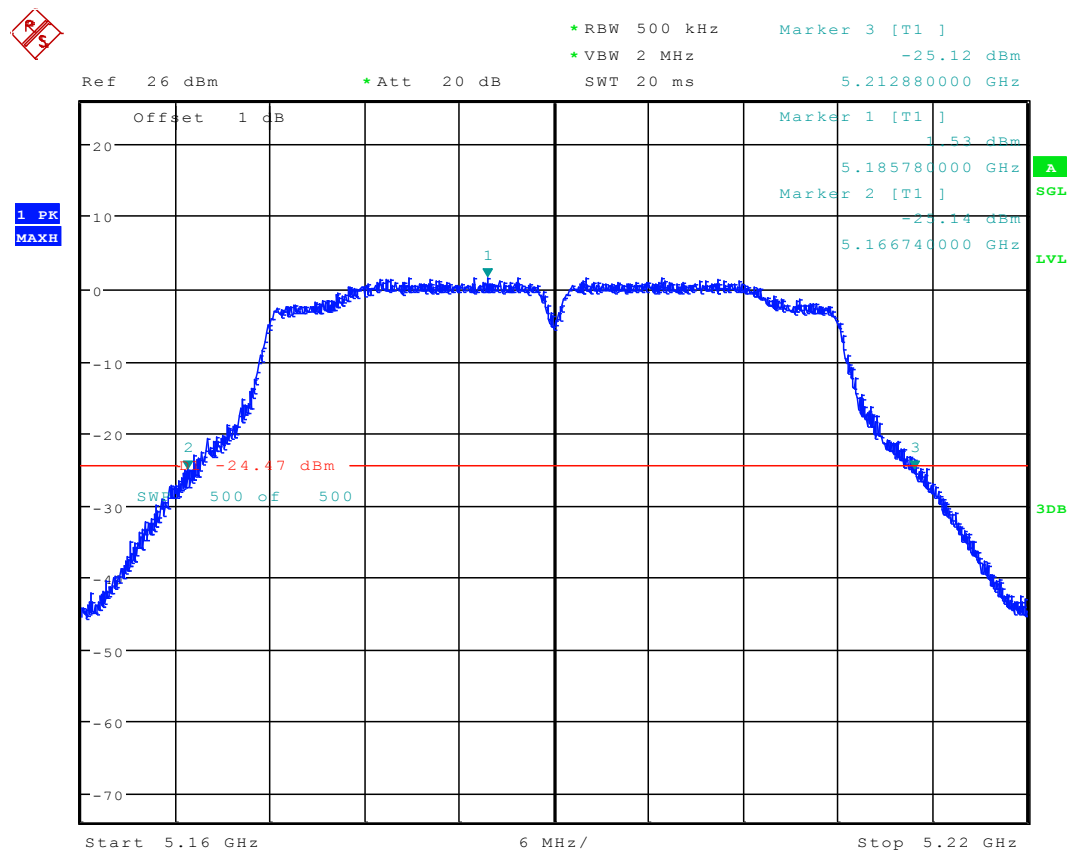
Date: 23.JAN.2018 15:56:51

3.98 11AC20MIMO_144 ANT 2



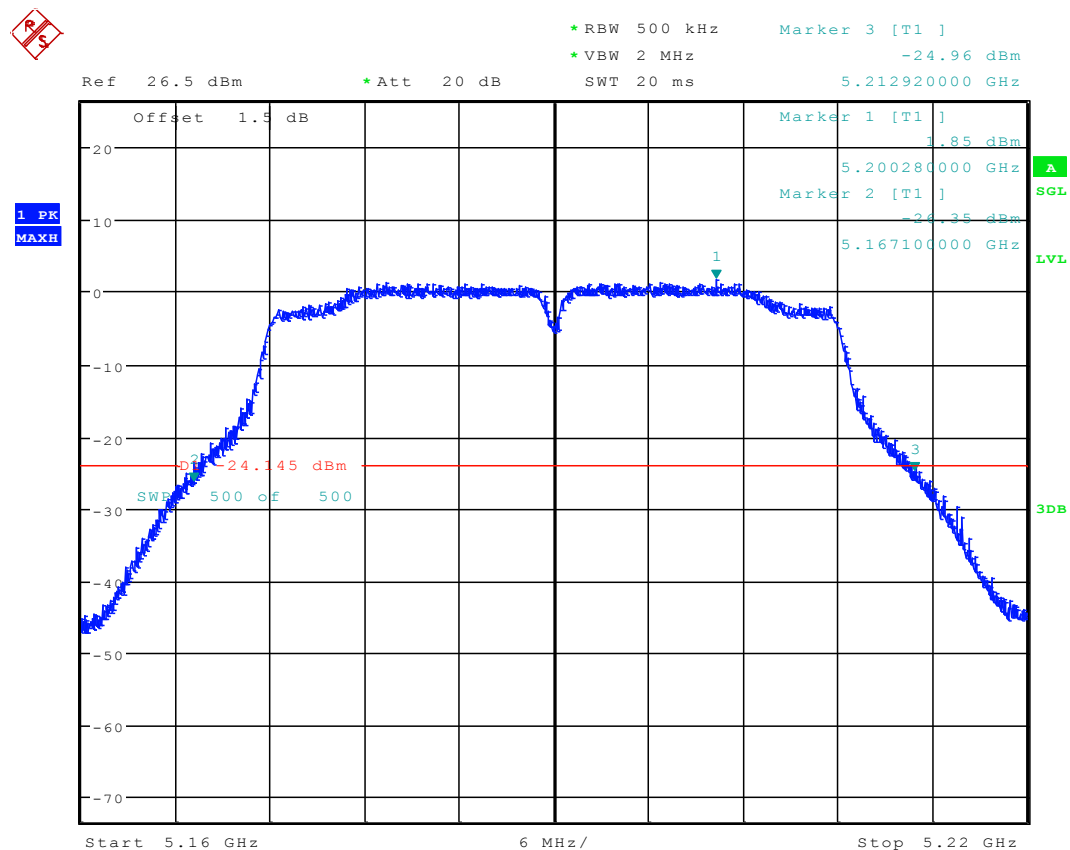
Date: 26.JAN.2018 15:18:03

3.99 11AC40_38 ANT 1



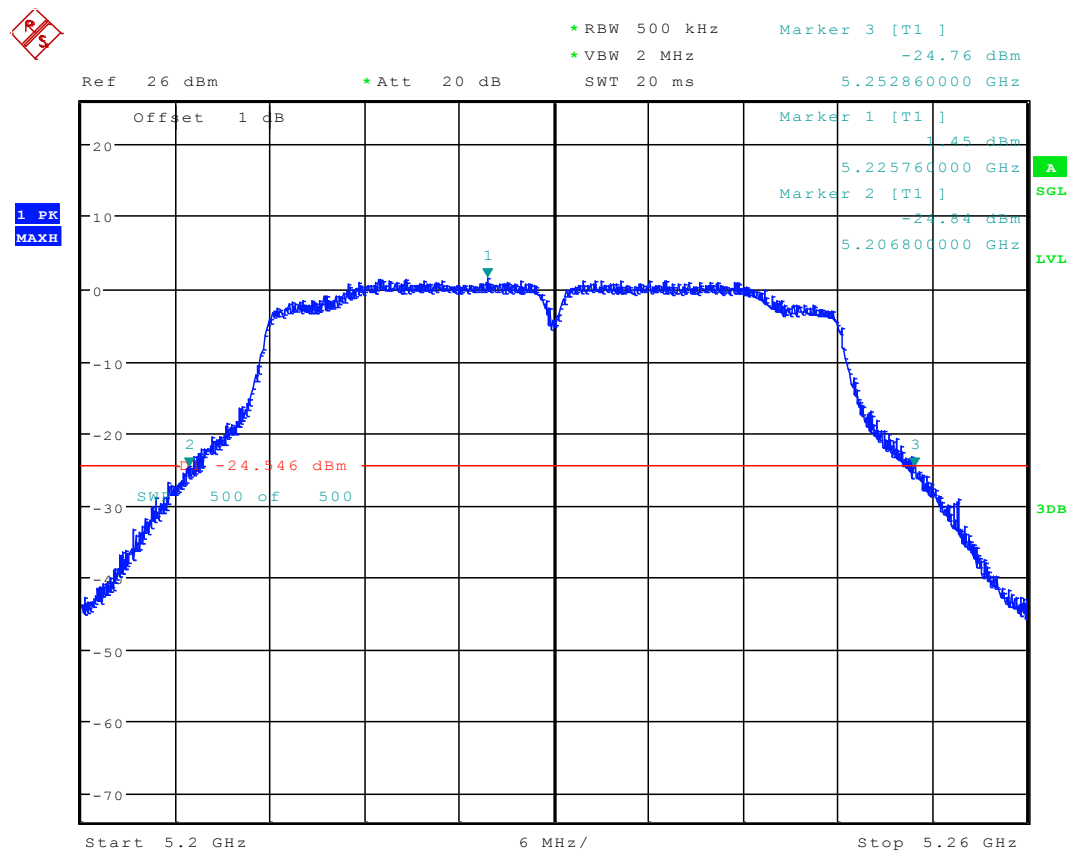
Date: 22.JAN.2018 16:43:38

3.100 11AC40_38 ANT 2



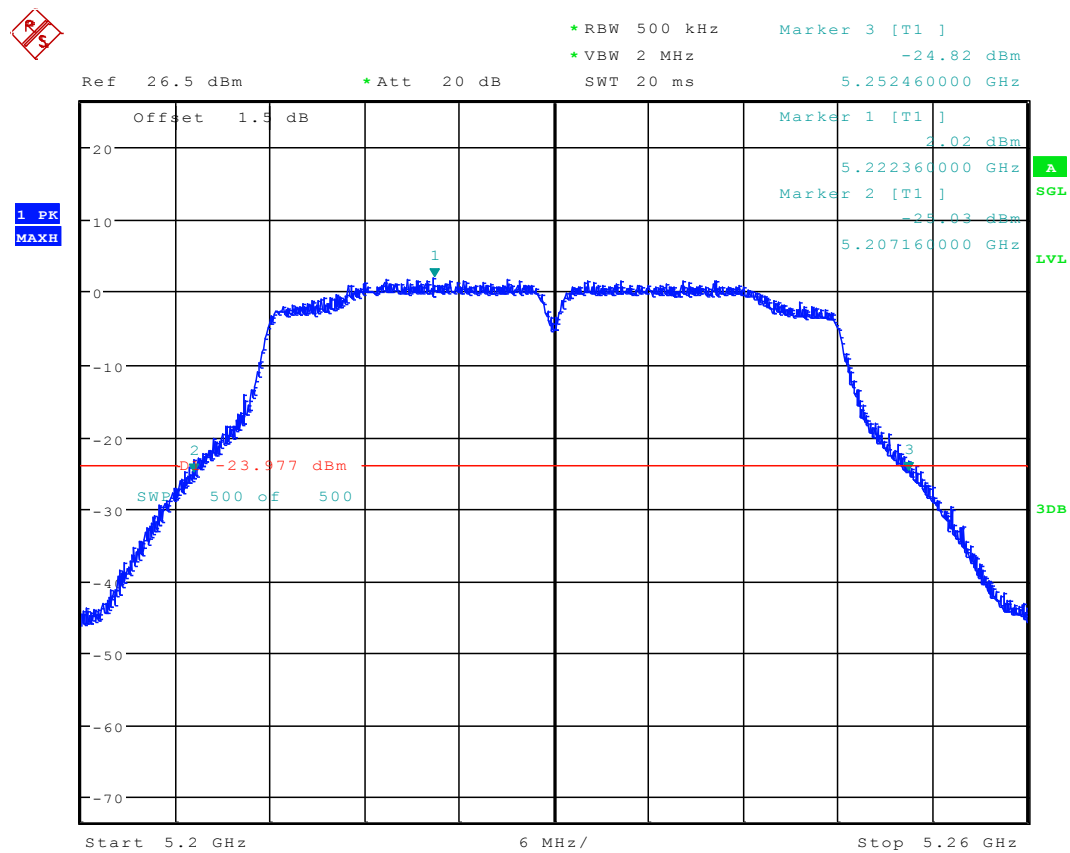
Date: 26.JAN.2018 17:25:36

3.101 11AC40_46 ANT 1



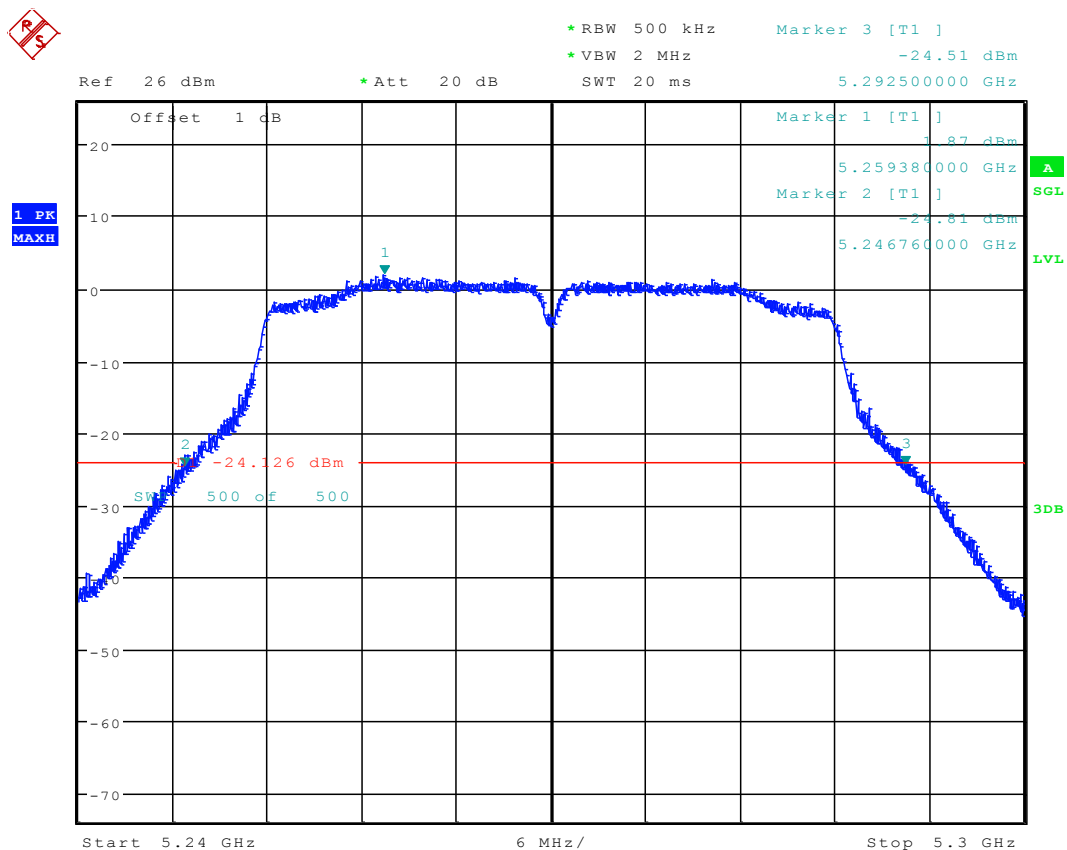
Date: 22.JAN.2018 16:46:05

3.102 11AC40_46 ANT 2



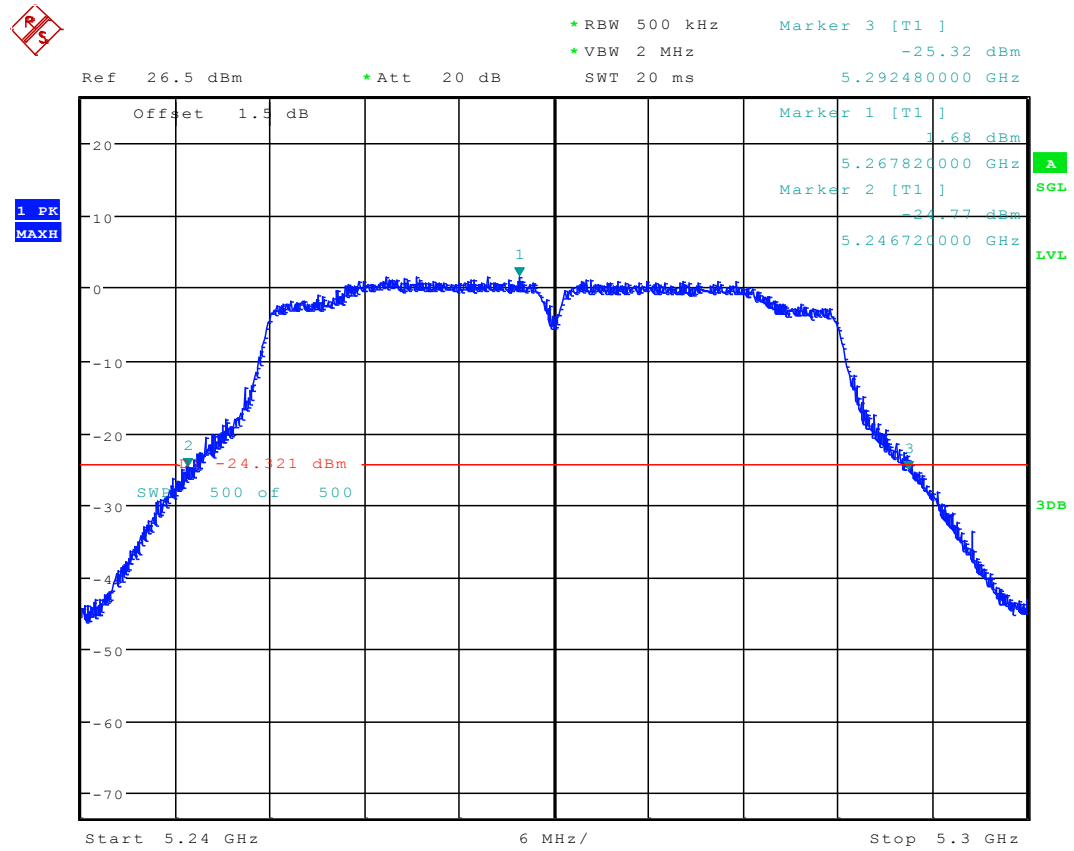
Date: 26.JAN.2018 17:28:39

3.103 11AC40_54 ANT 1

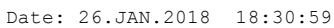


Date: 22.JAN.2018 16:49:04

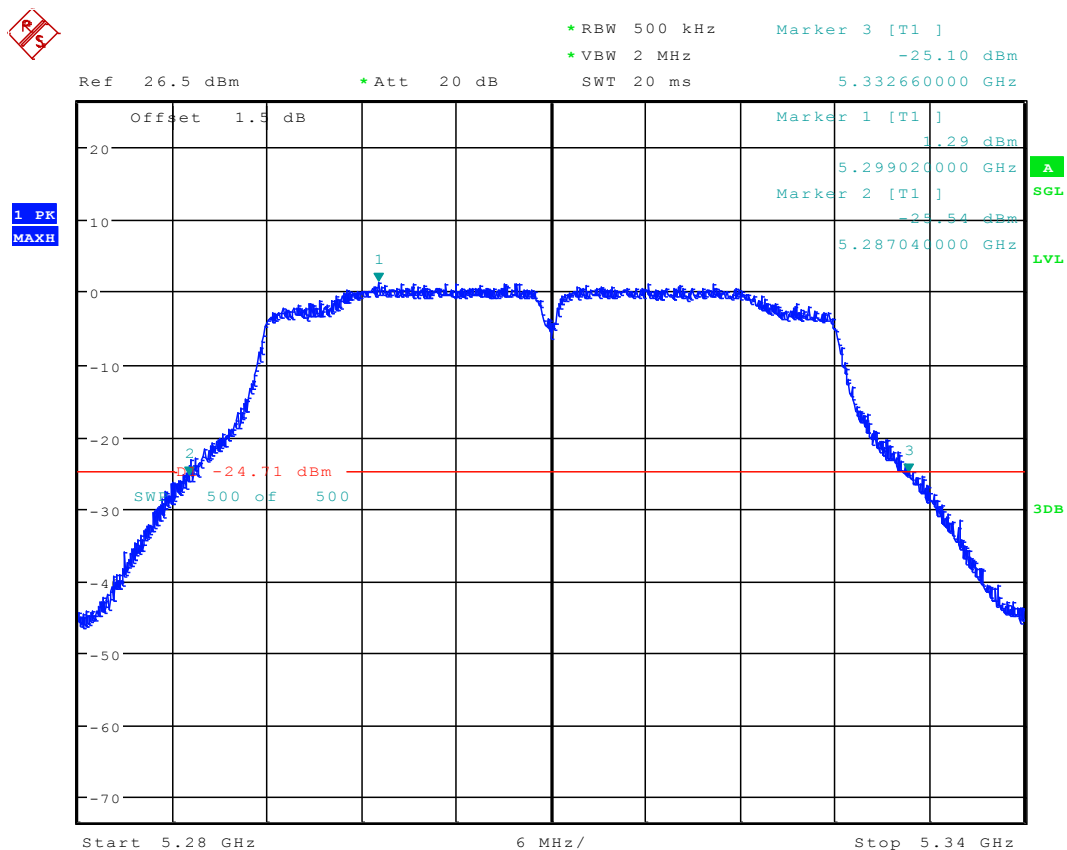
3.104 11AC40_54 ANT 2



Date: 26.JAN.2018 17:32:00

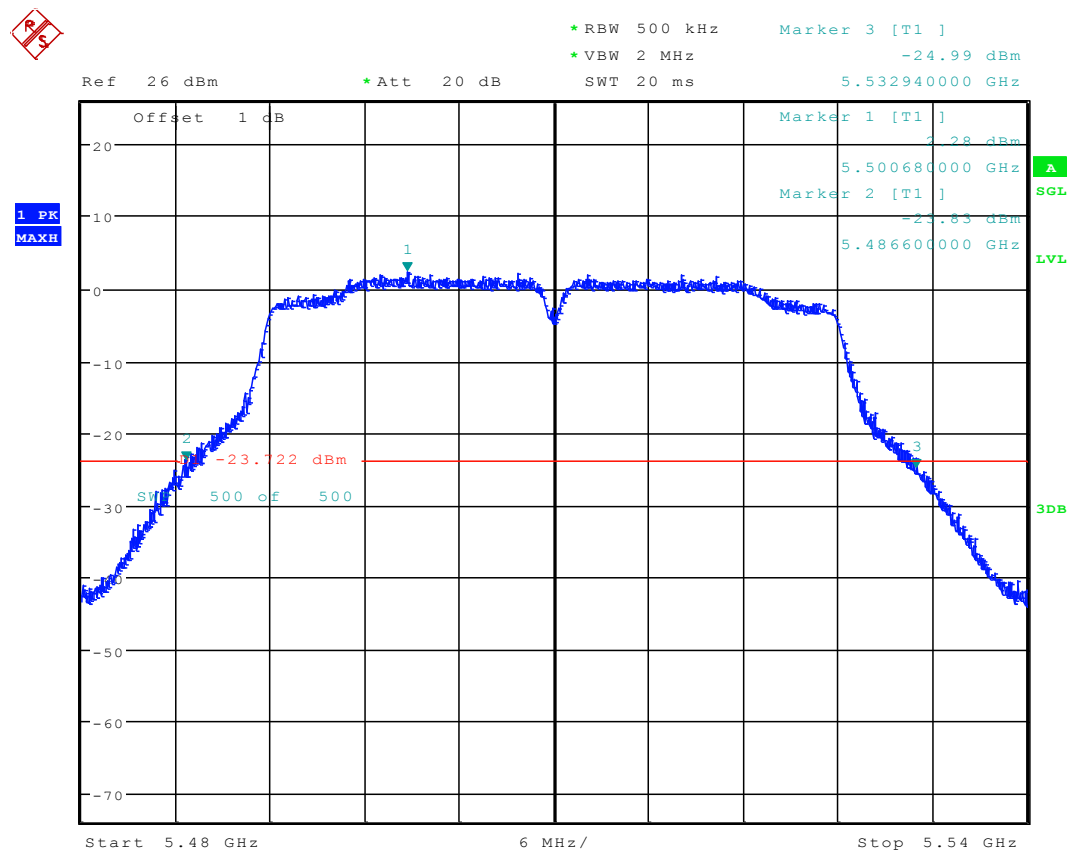


3.106 11AC40_62 ANT 2



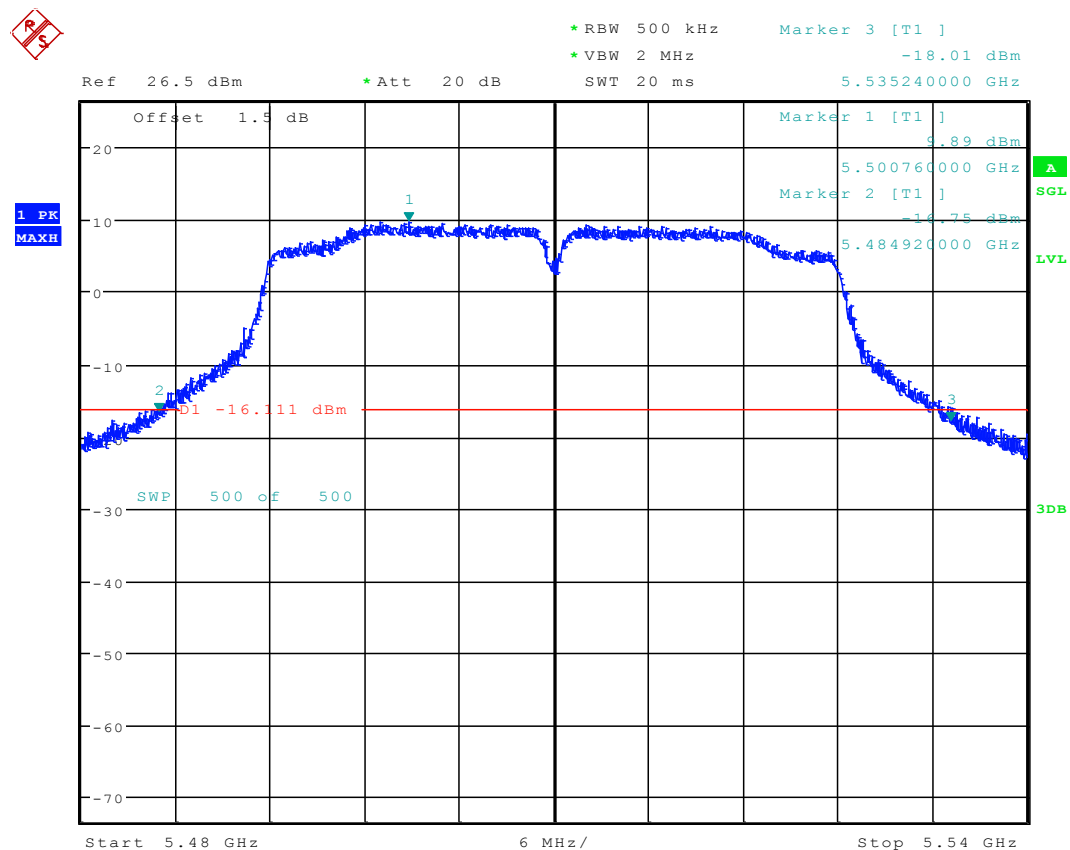
Date: 26.JAN.2018 17:34:56

3.107 11AC40_102 ANT 1



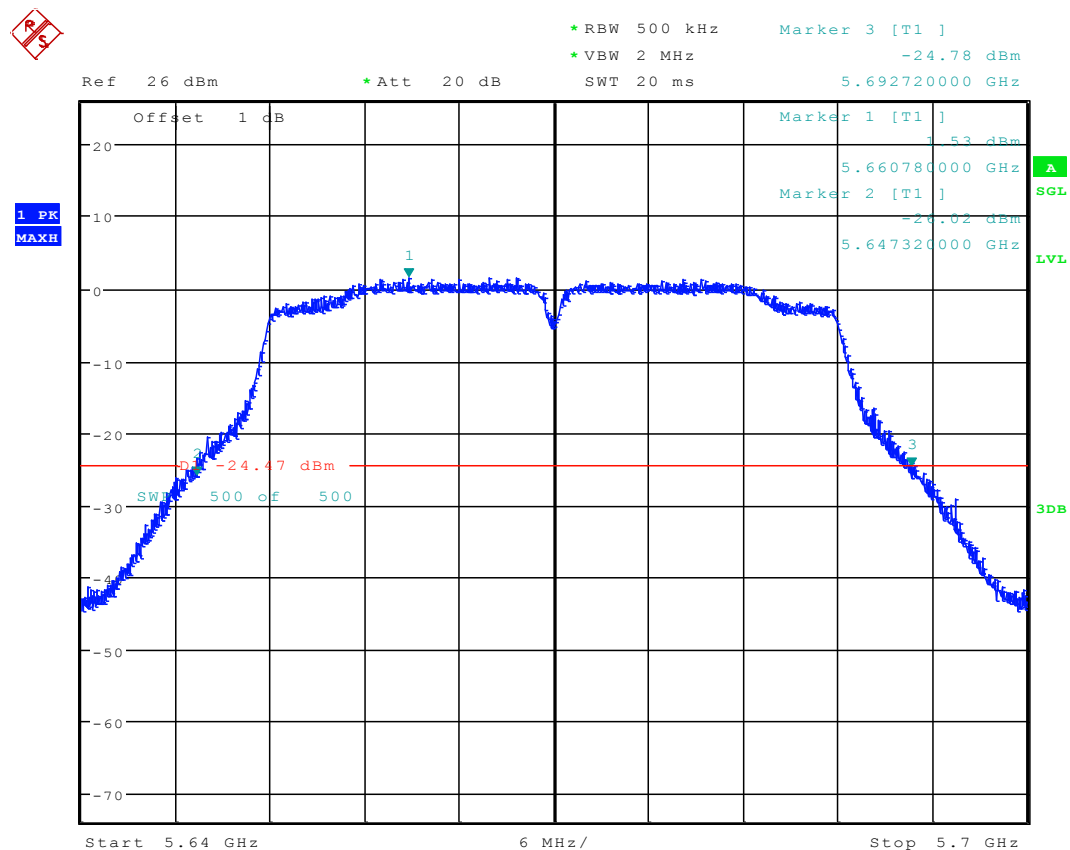
Date: 22.JAN.2018 17:10:46

3.108 11AC40_102 ANT 2



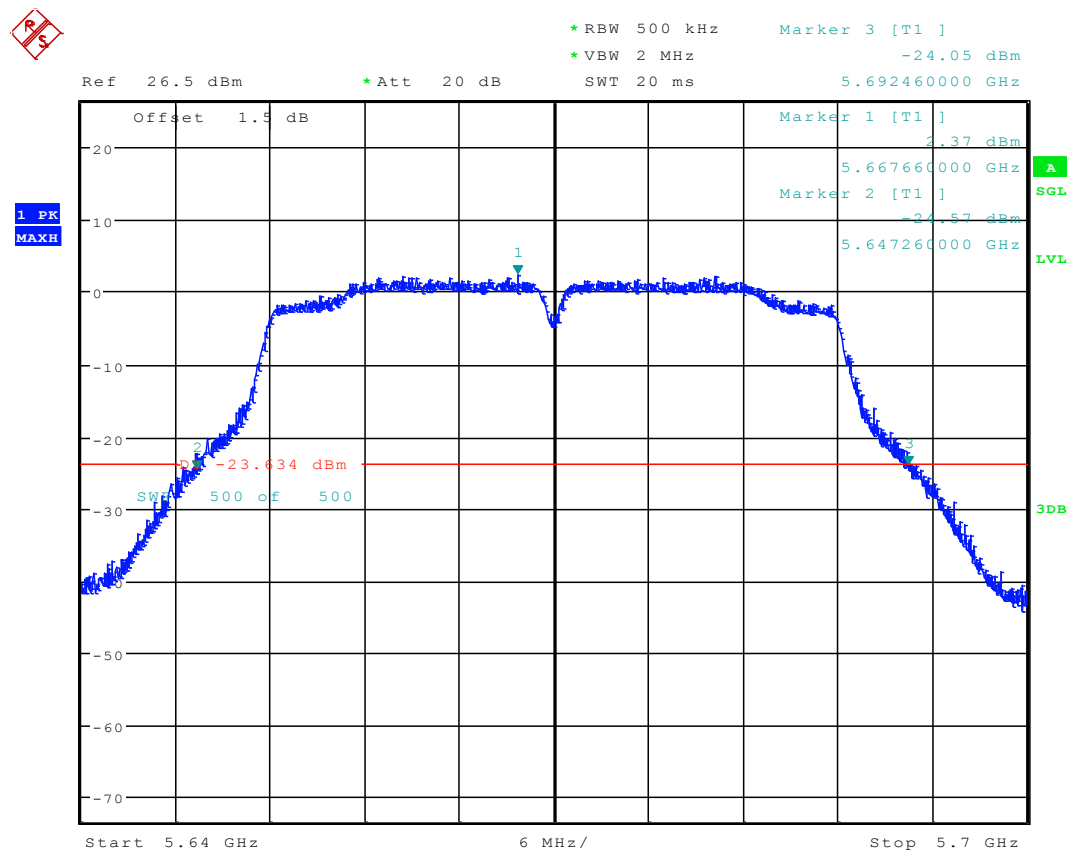
Date: 26.JAN.2018 17:37:46

3.109 11AC40_134 ANT 1



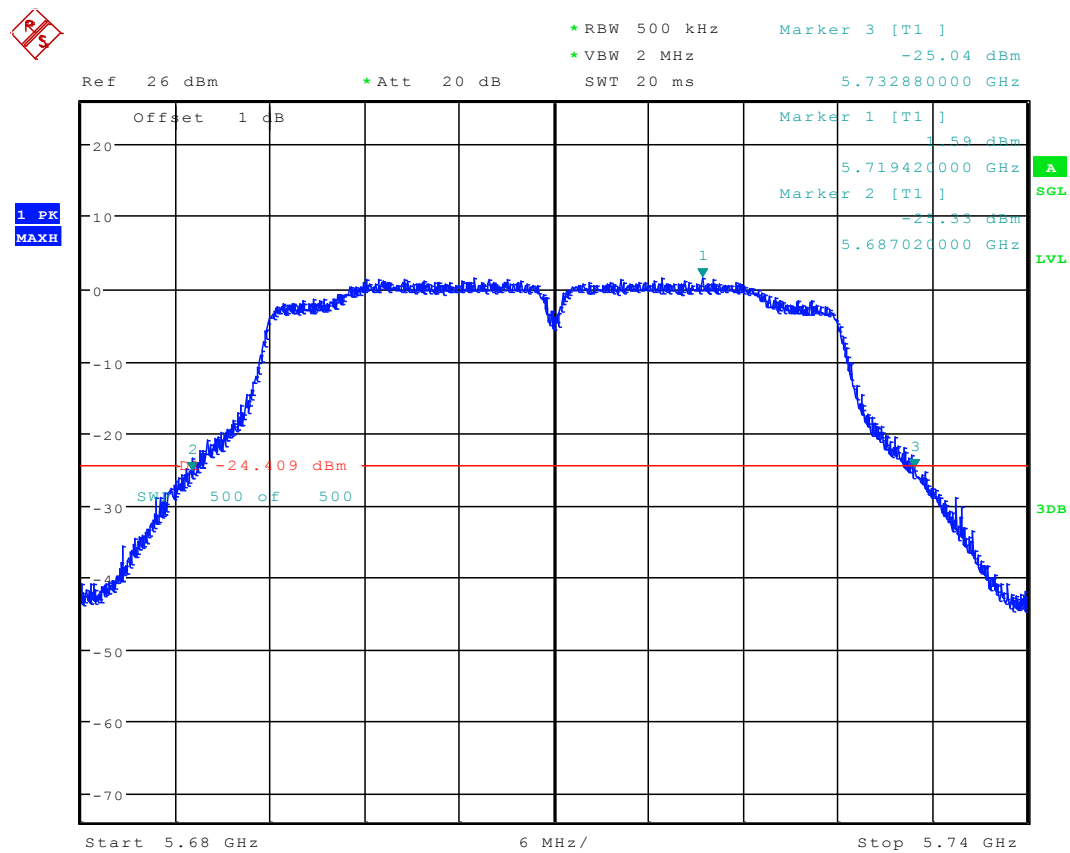
Date: 22.JAN.2018 17:14:40

3.110 11AC40_134 ANT 2



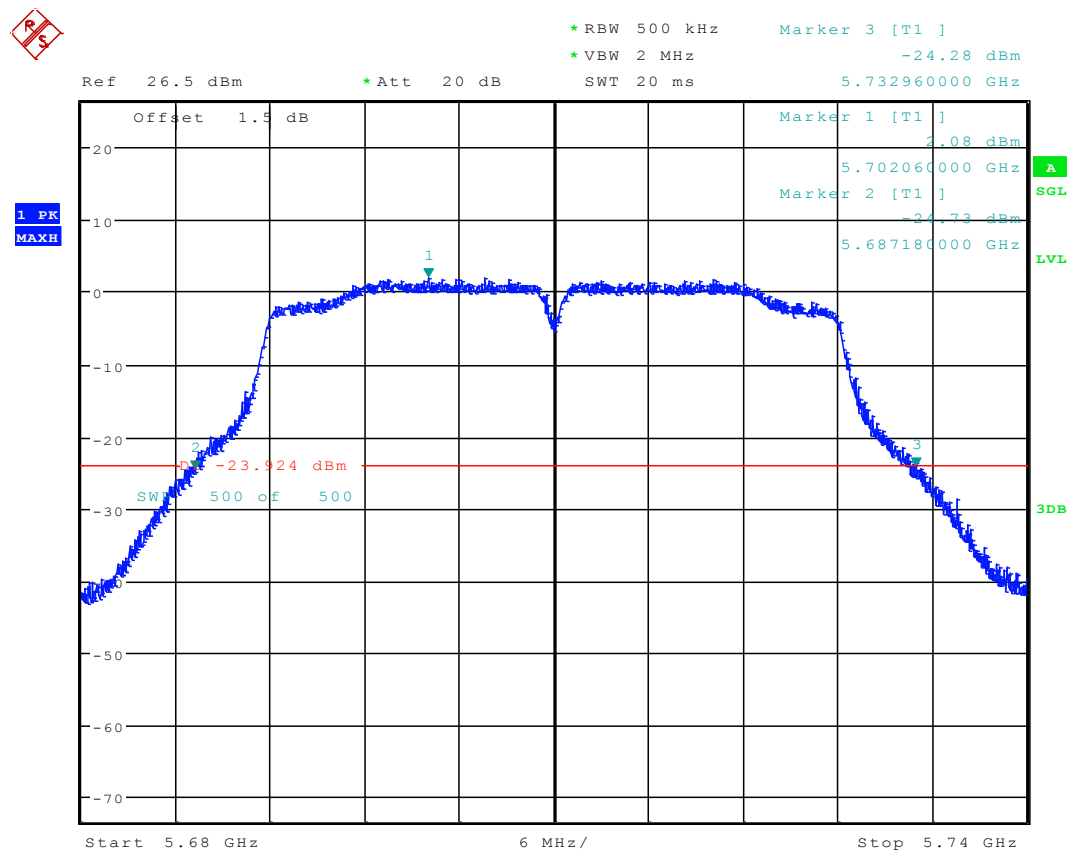
Date: 26.JAN.2018 17:40:31

3.111 11AC40_142 ANT 1



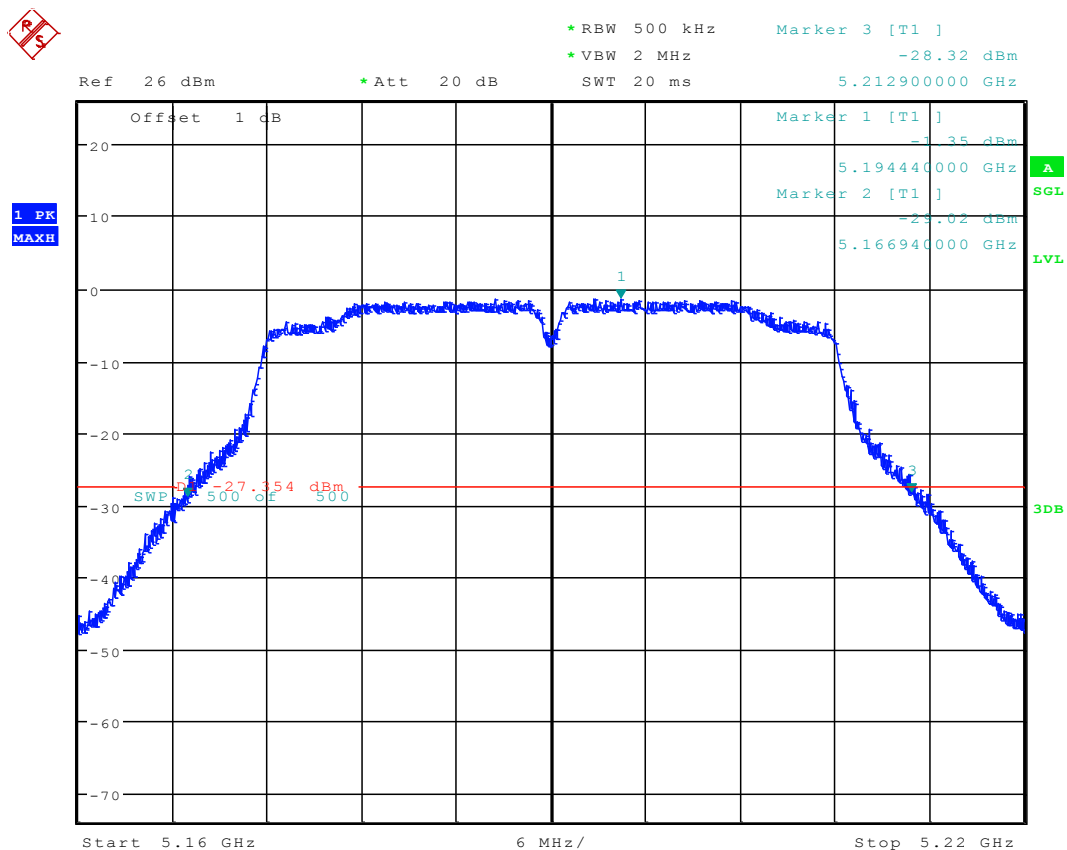
Date: 22.JAN.2018 17:18:02

3.112 11AC40_142 ANT 2



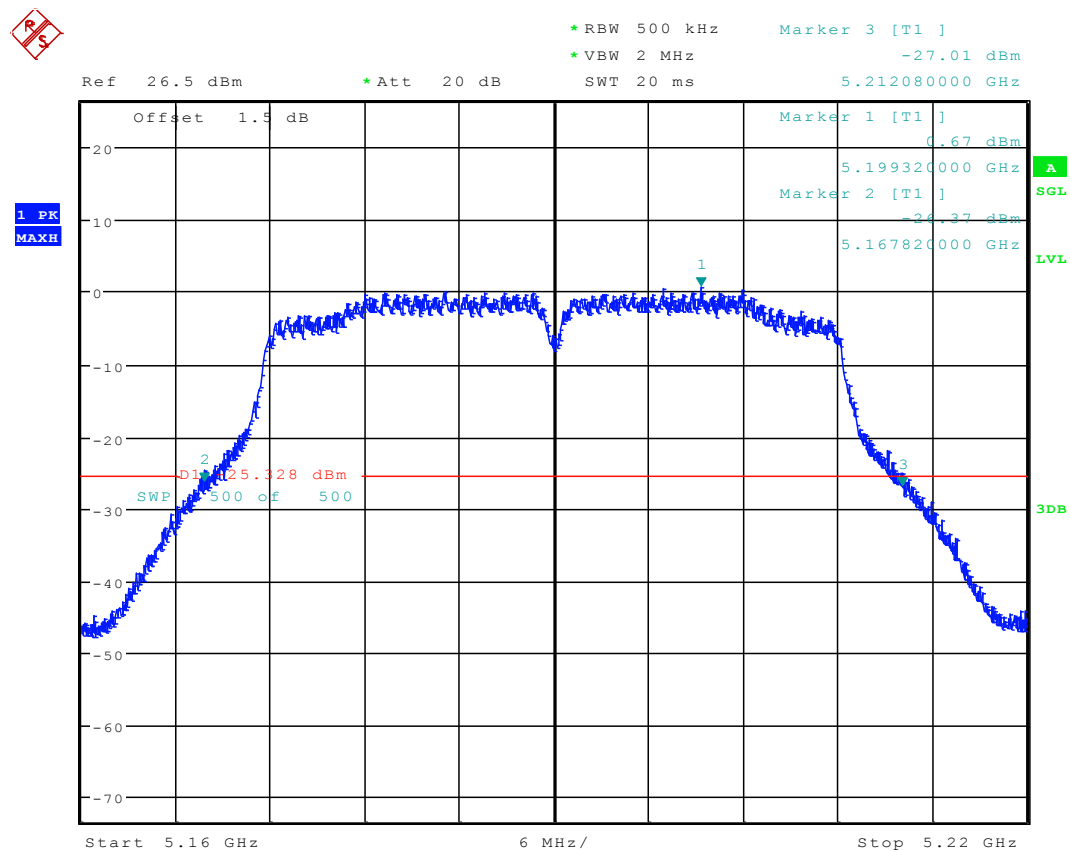
Date: 26.JAN.2018 17:43:11

3.113 11AC40MIMO_38 ANT 1



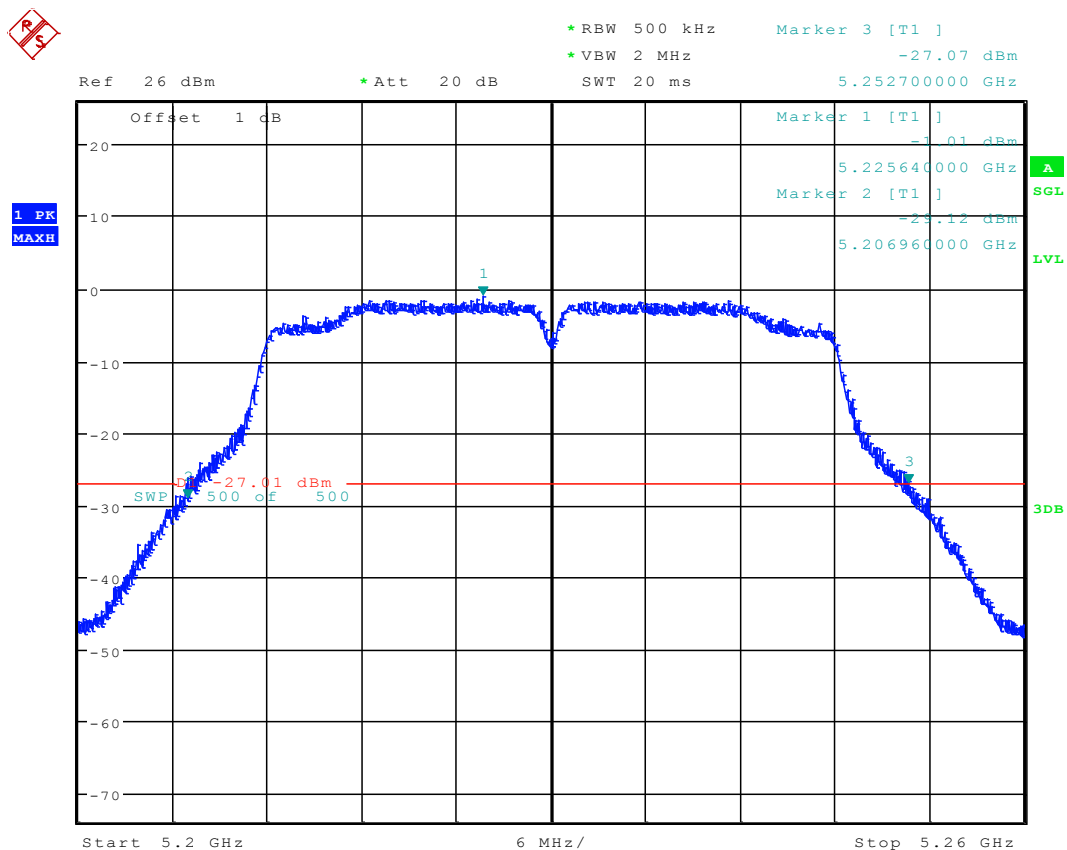
Date: 23.JAN.2018 16:06:01

3.114 11AC40MIMO_38 ANT 2



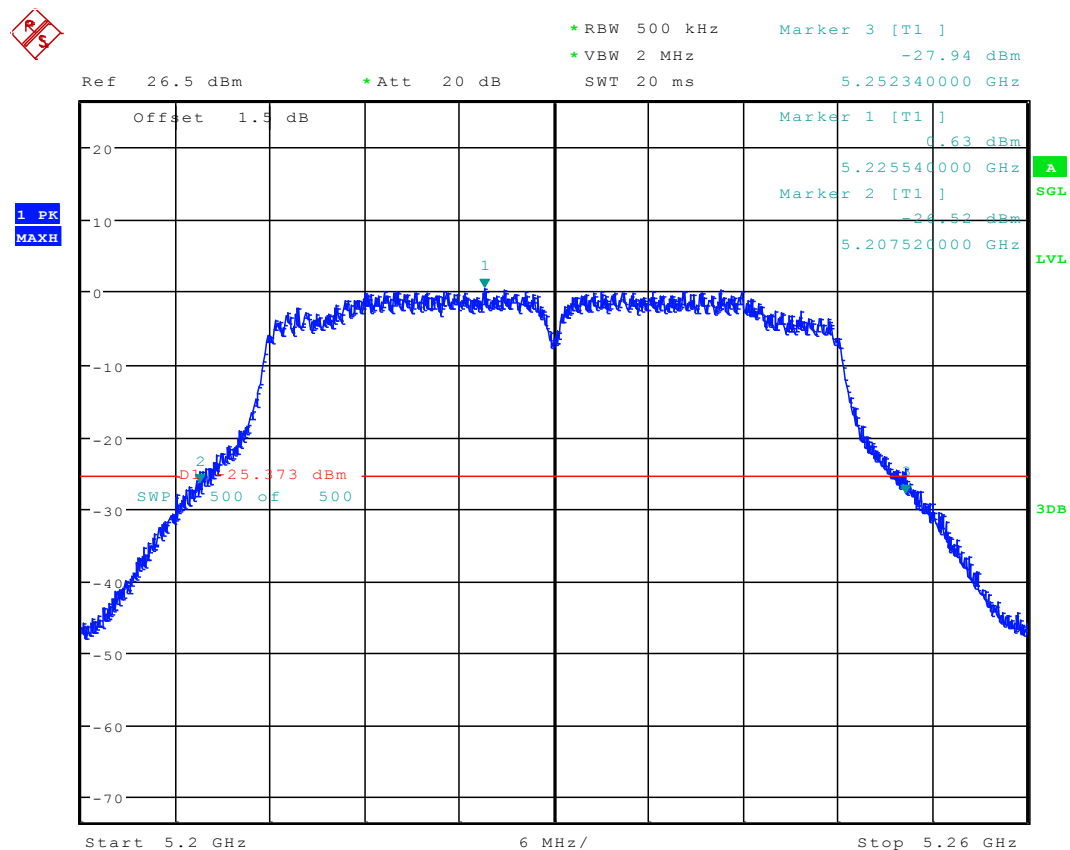
Date: 26.JAN.2018 15:55:21

3.115 11AC40MIMO_46 ANT 1



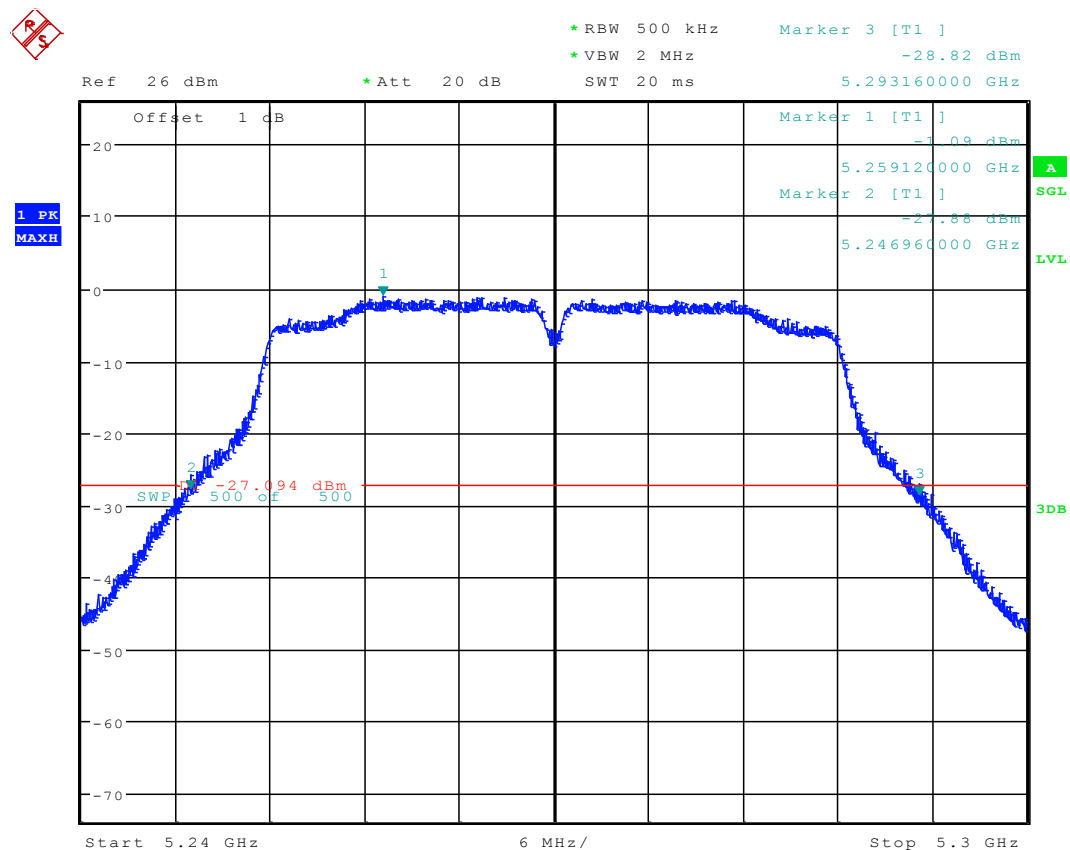
Date: 23.JAN.2018 16:08:28

3.116 11AC40MIMO_46 ANT 2



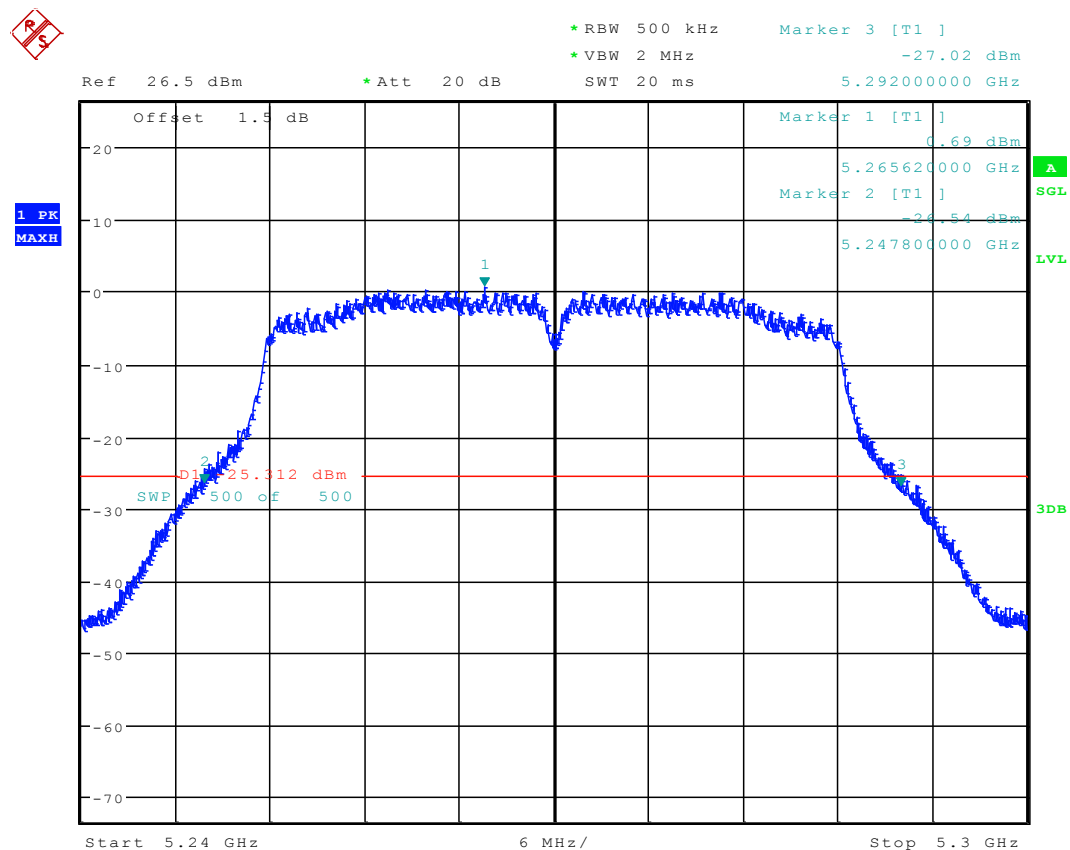
Date: 26.JAN.2018 15:57:52

3.117 11AC40MIMO_54 ANT 1



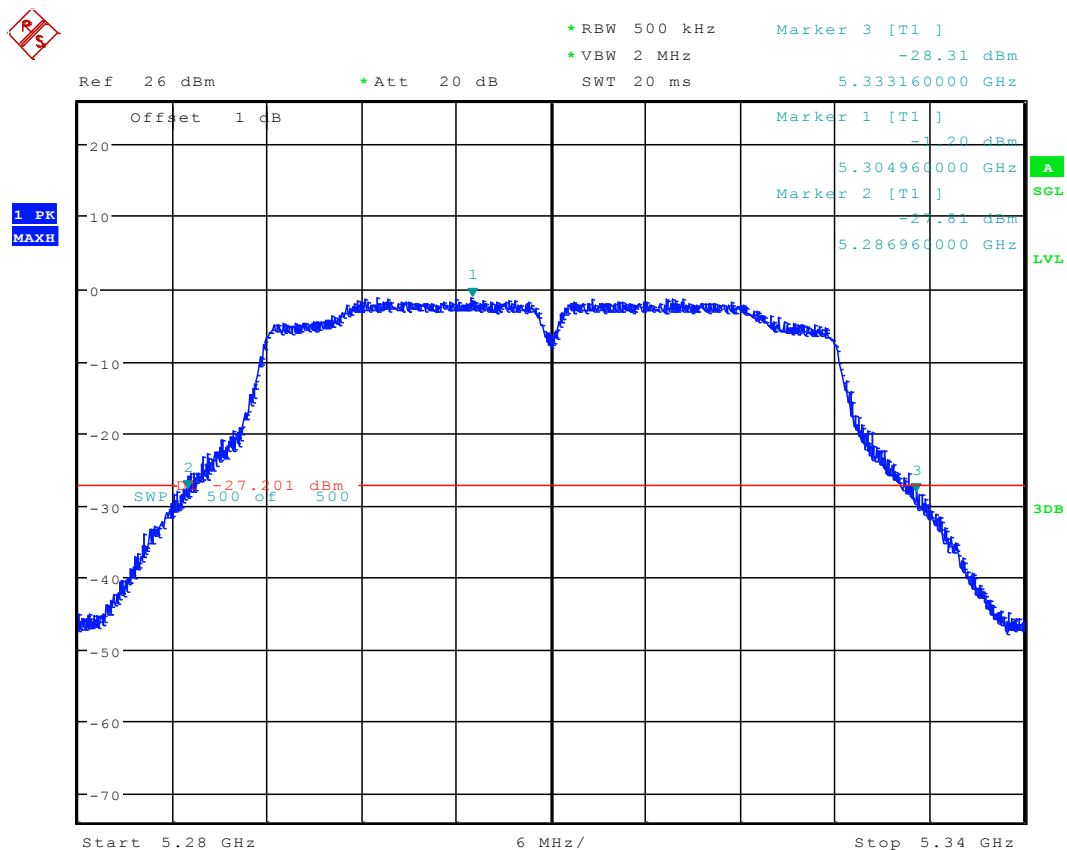
Date: 23.JAN.2018 16:11:25

3.118 11AC40MIMO_54 ANT 2



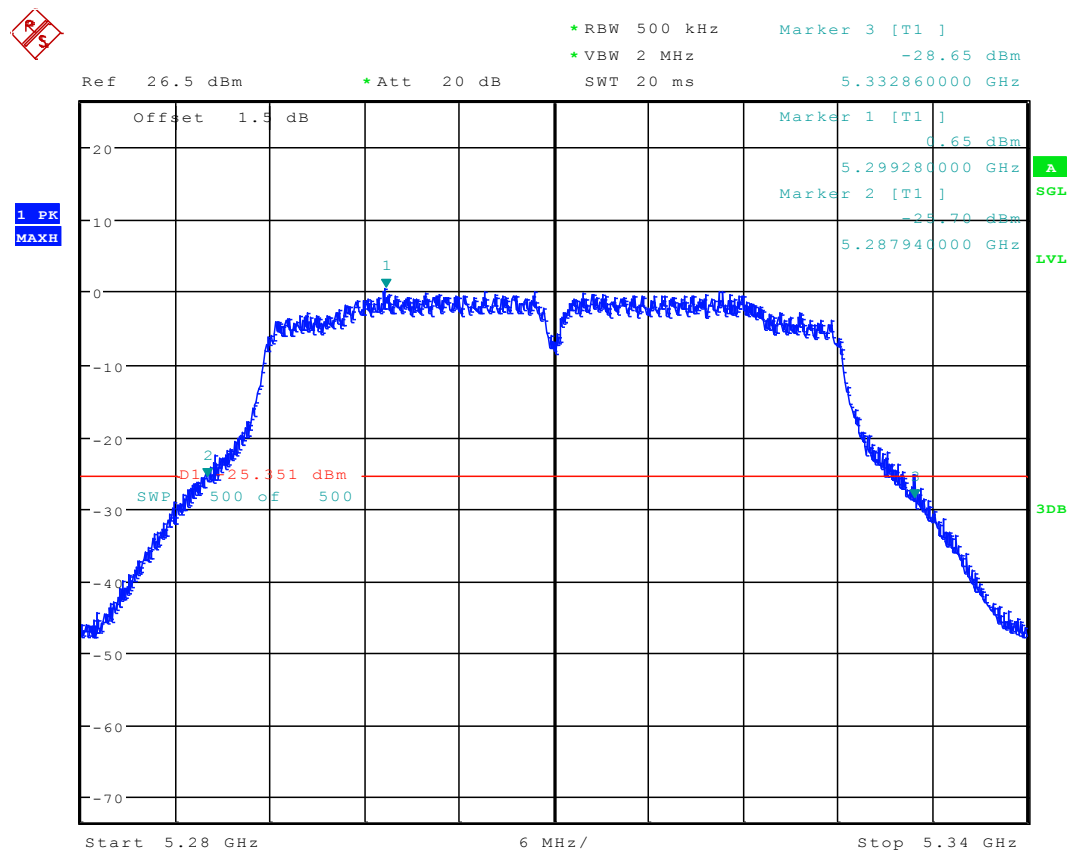
Date: 26.JAN.2018 16:03:11

3.119 11AC40MIMO_62 ANT 1



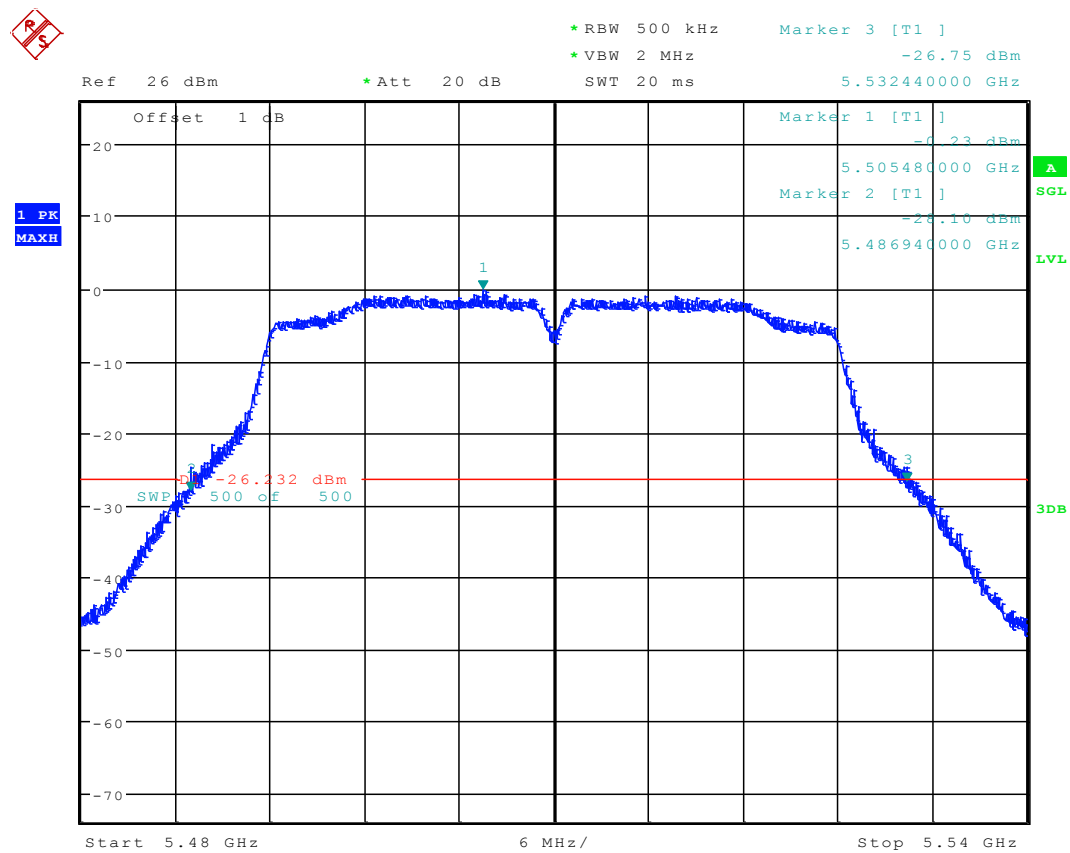
Date: 23.JAN.2018 16:13:56

3.120 11AC40MIMO_62 ANT 2



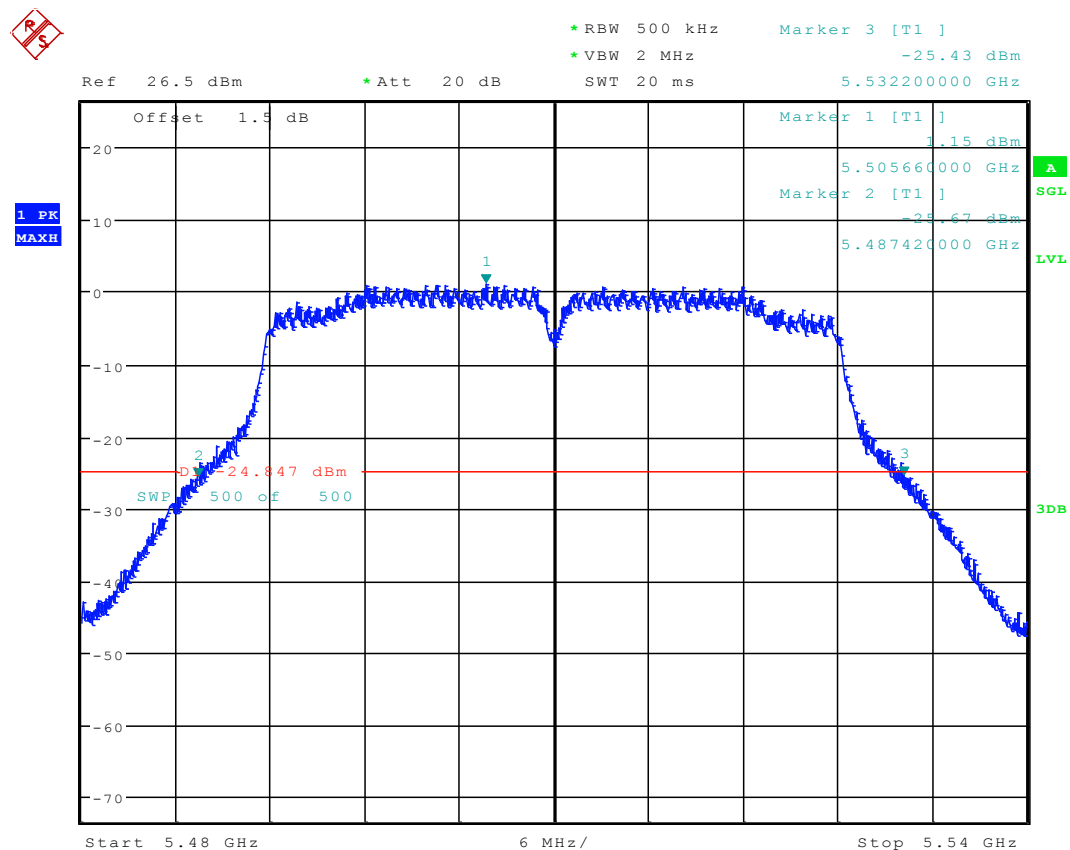
Date: 26.JAN.2018 16:05:46

3.121 11AC40MIMO_102 ANT 1



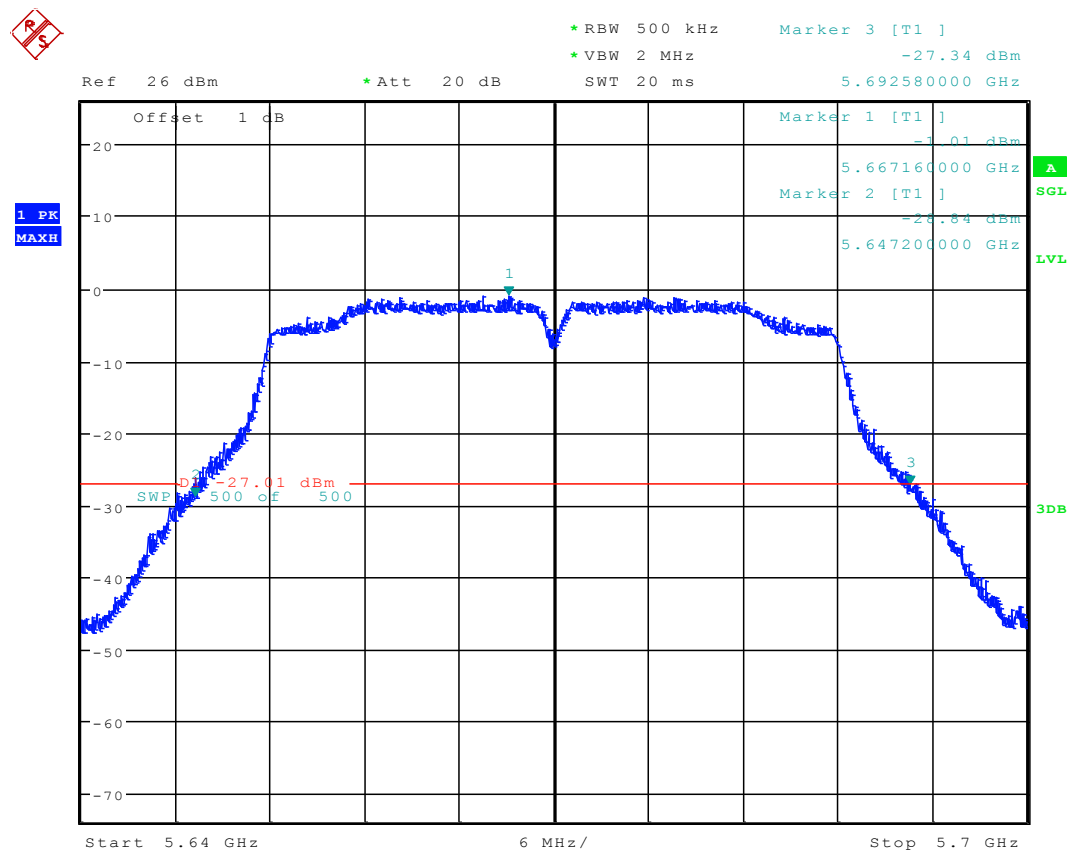
Date: 23.JAN.2018 16:16:36

3.122 11AC40MIMO_102 ANT 2



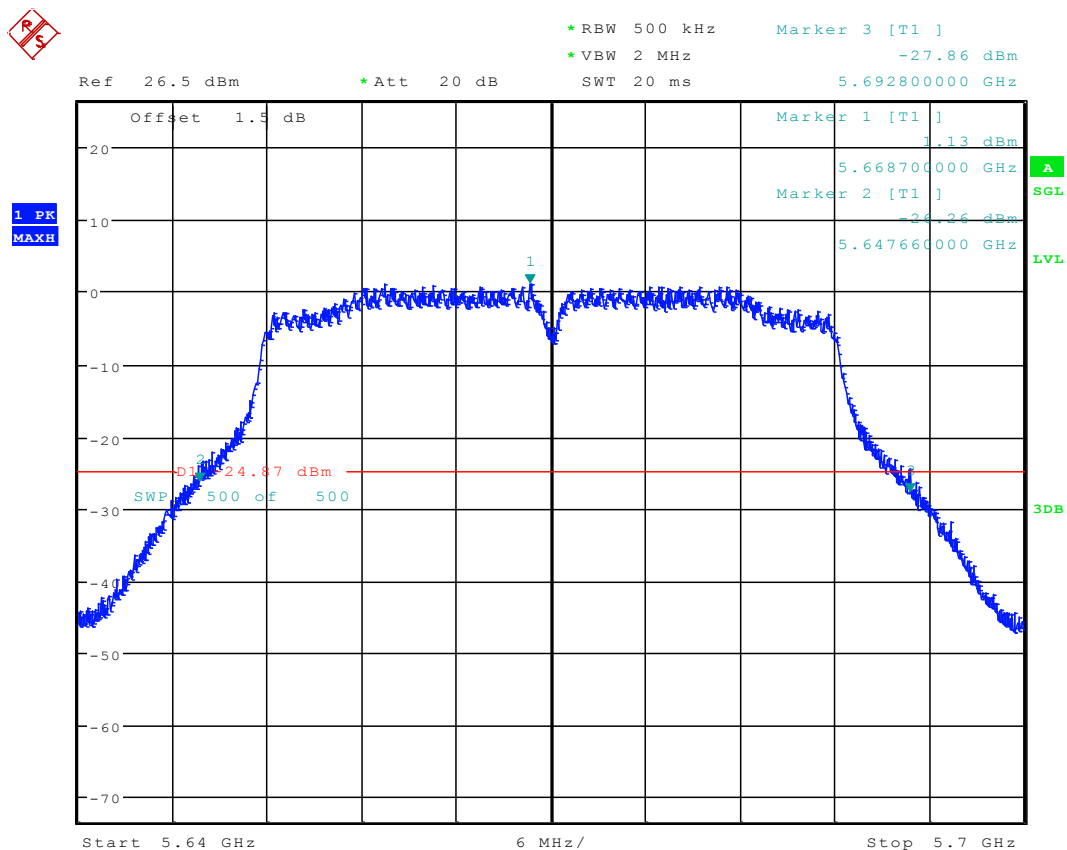
Date: 26.JAN.2018 16:08:30

3.123 11AC40MIMO_134 ANT 1

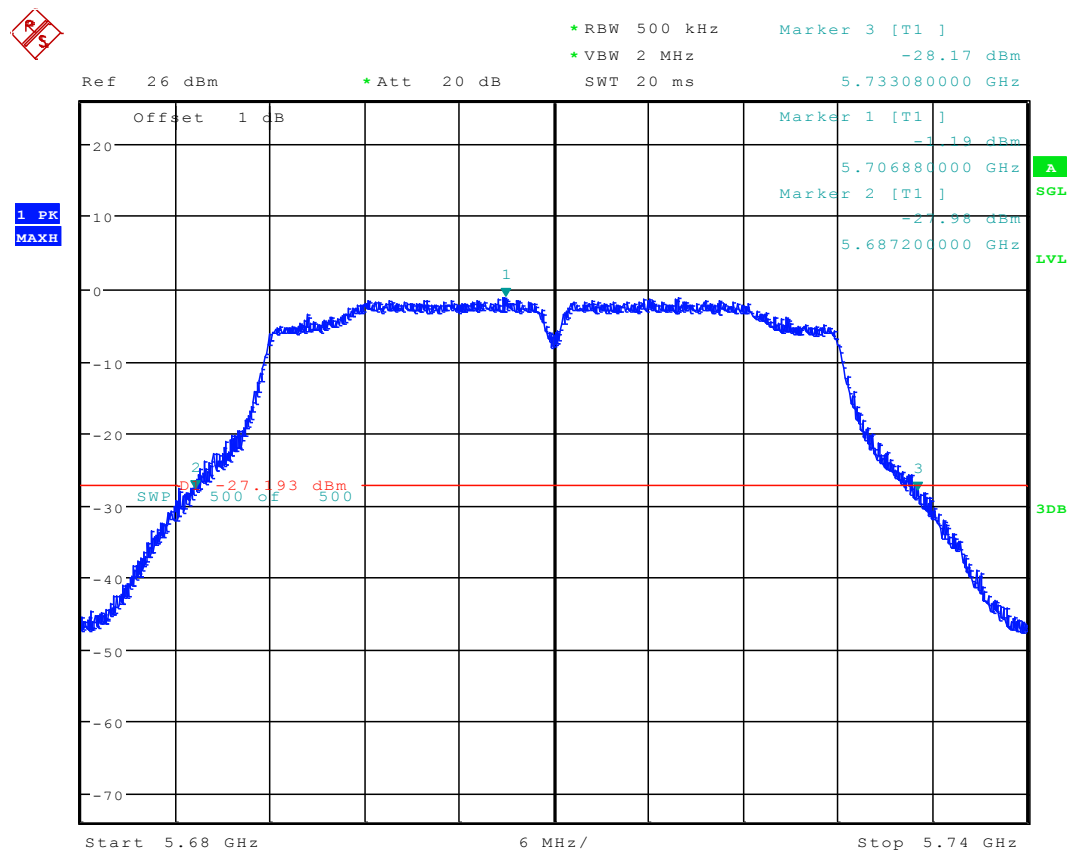


Date: 23.JAN.2018 16:18:57

3.124 11AC40MIMO_134 ANT 2

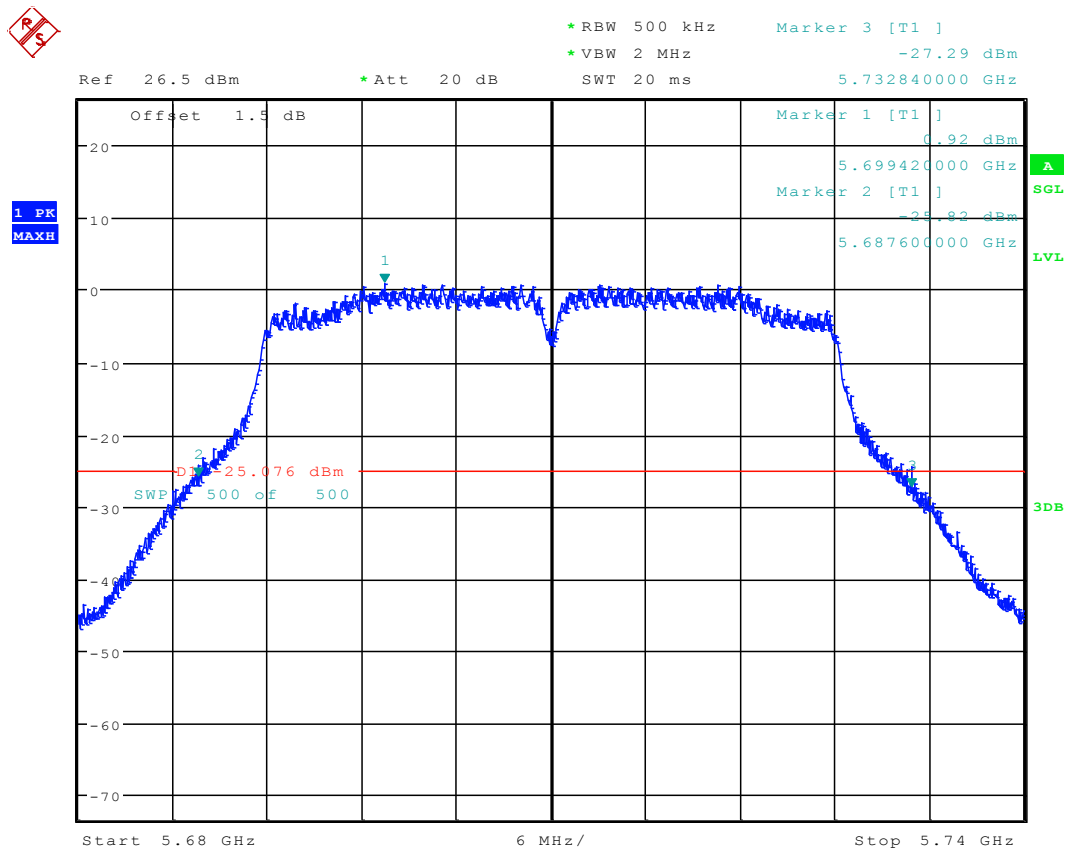


3.125 11AC40MIMO_142 ANT 1



Date: 23.JAN.2018 16:21:25

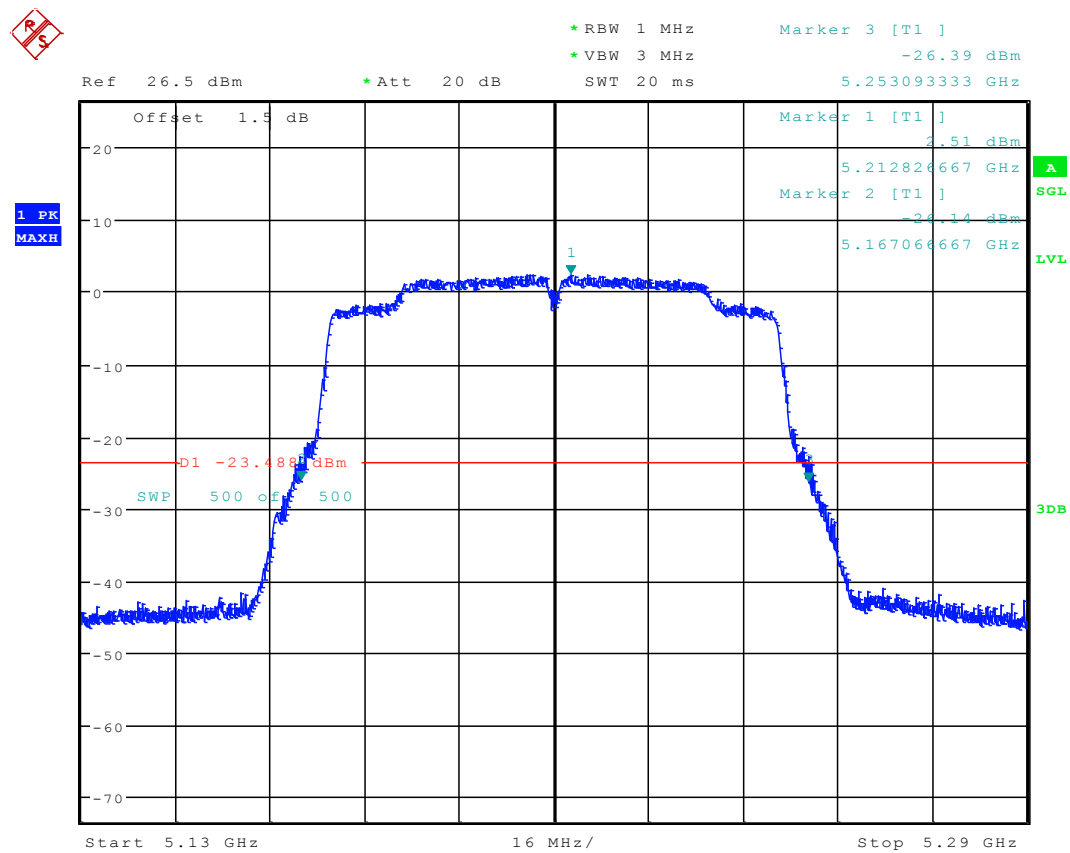
3.126 11AC40MIMO_142 ANT 2



Date: 26.JAN.2018 16:13:10

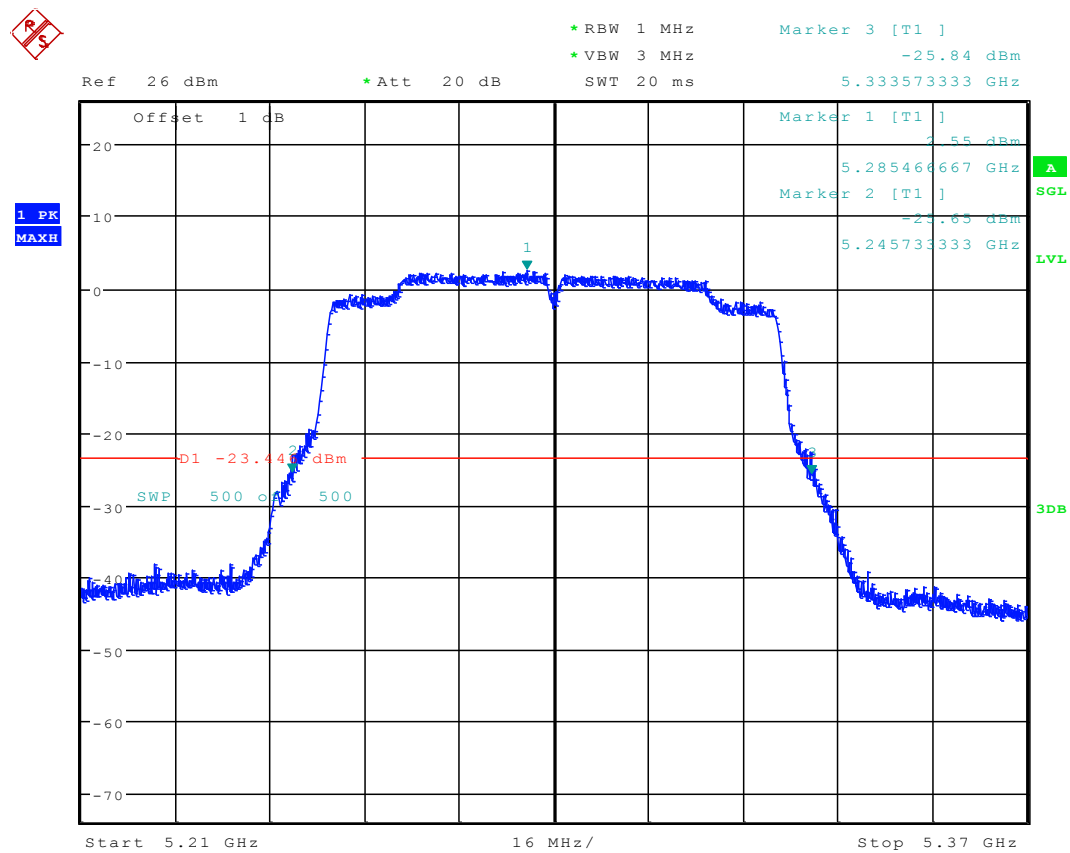


3.128 11AC80_42 ANT 2



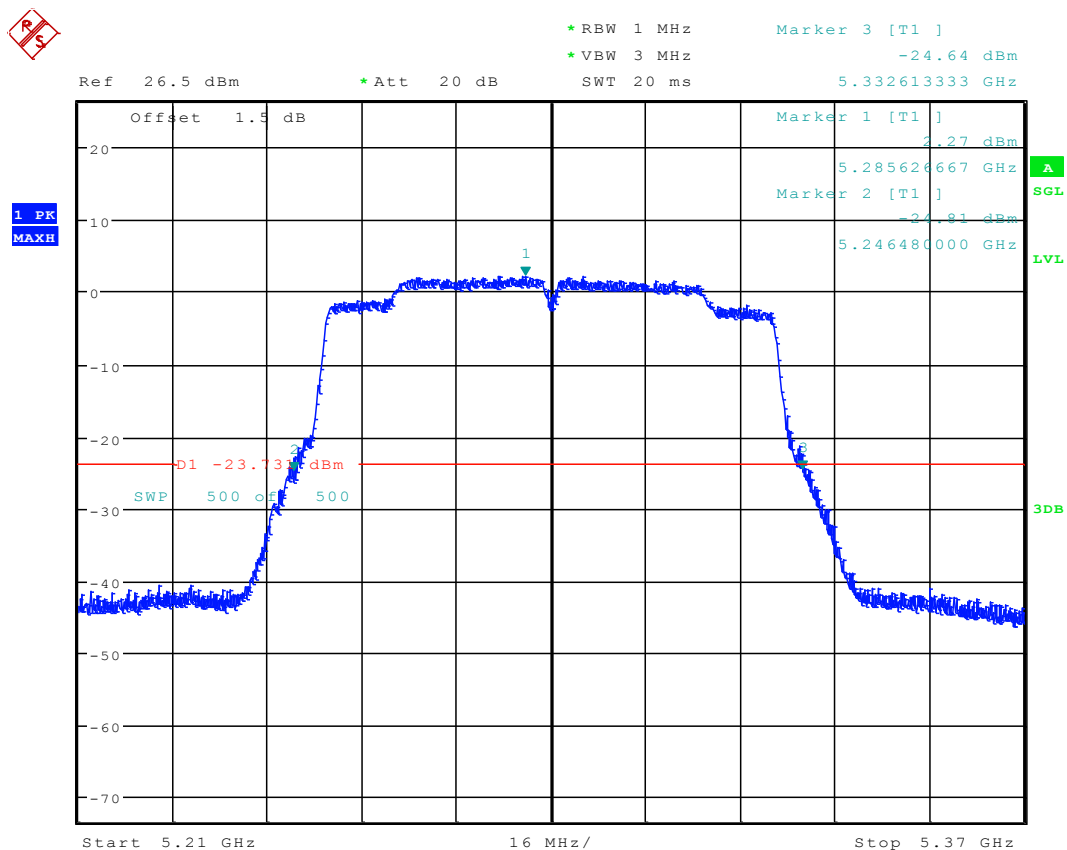
Date: 26.JAN.2018 17:54:27

3.129 11AC80_58 ANT 1



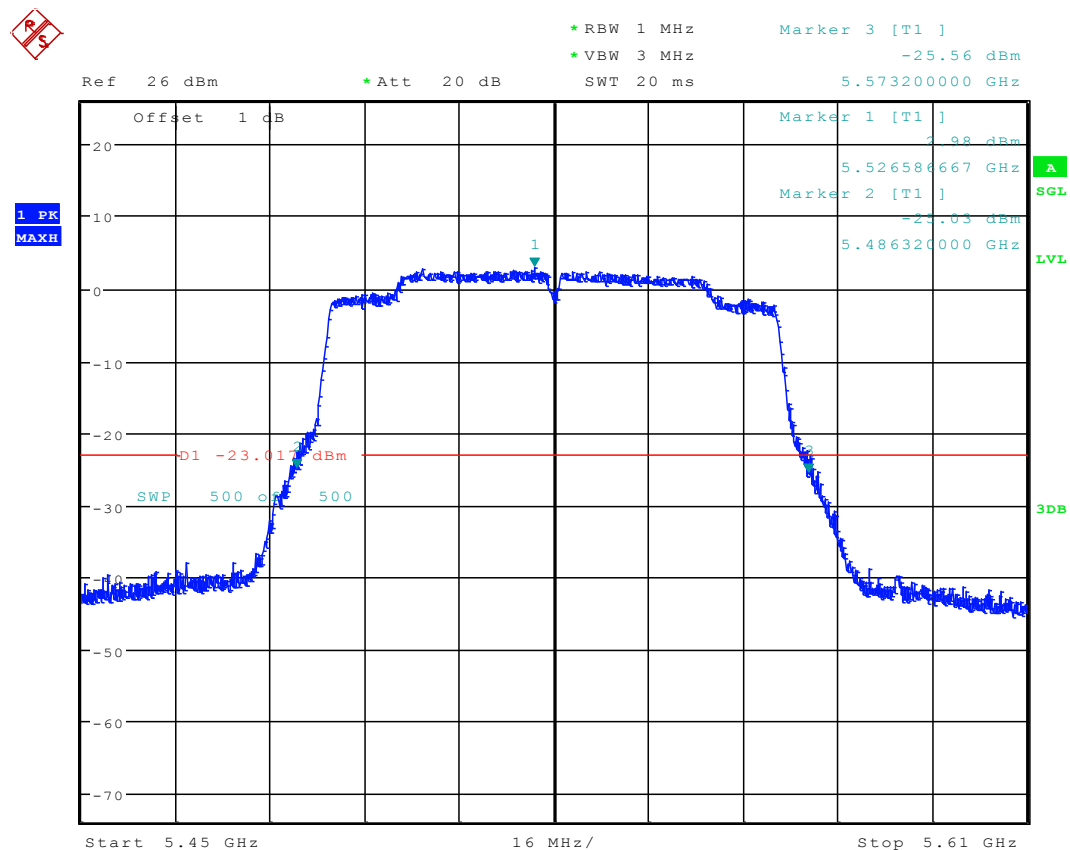
Date: 22.JAN.2018 17:33:54

3.130 11AC80_58 ANT 2



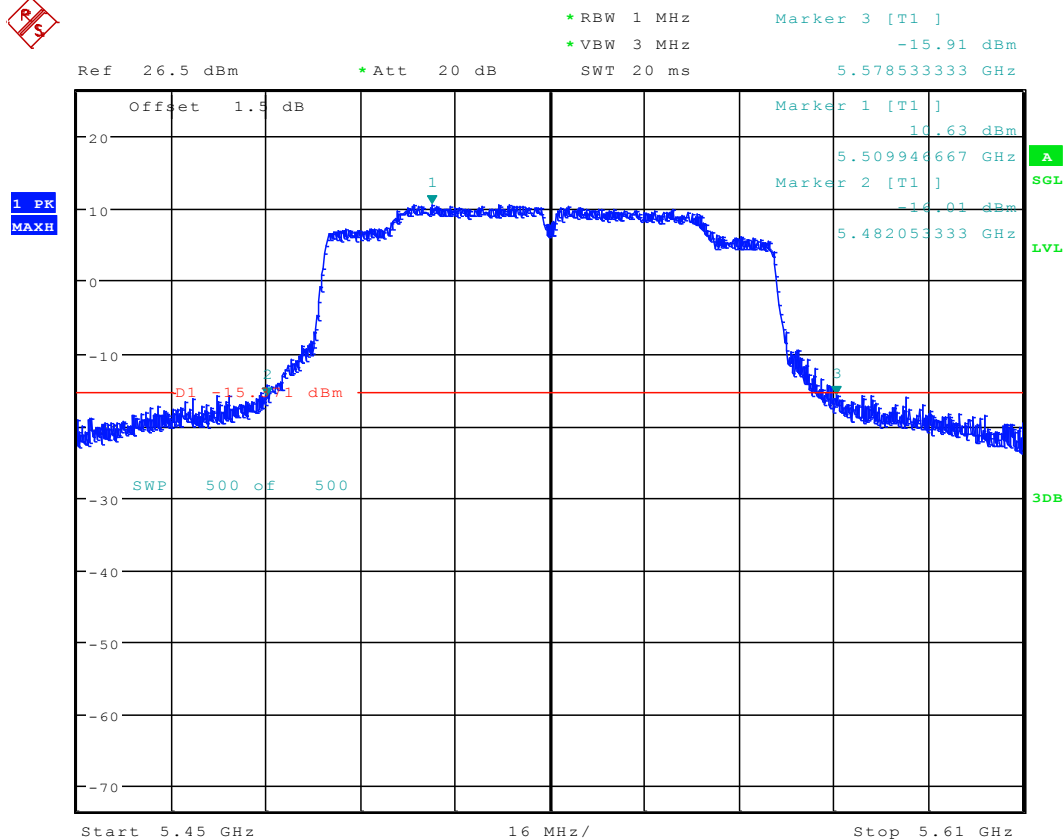
Date: 26.JAN.2018 17:58:27

3.131 11AC80_106 ANT 1



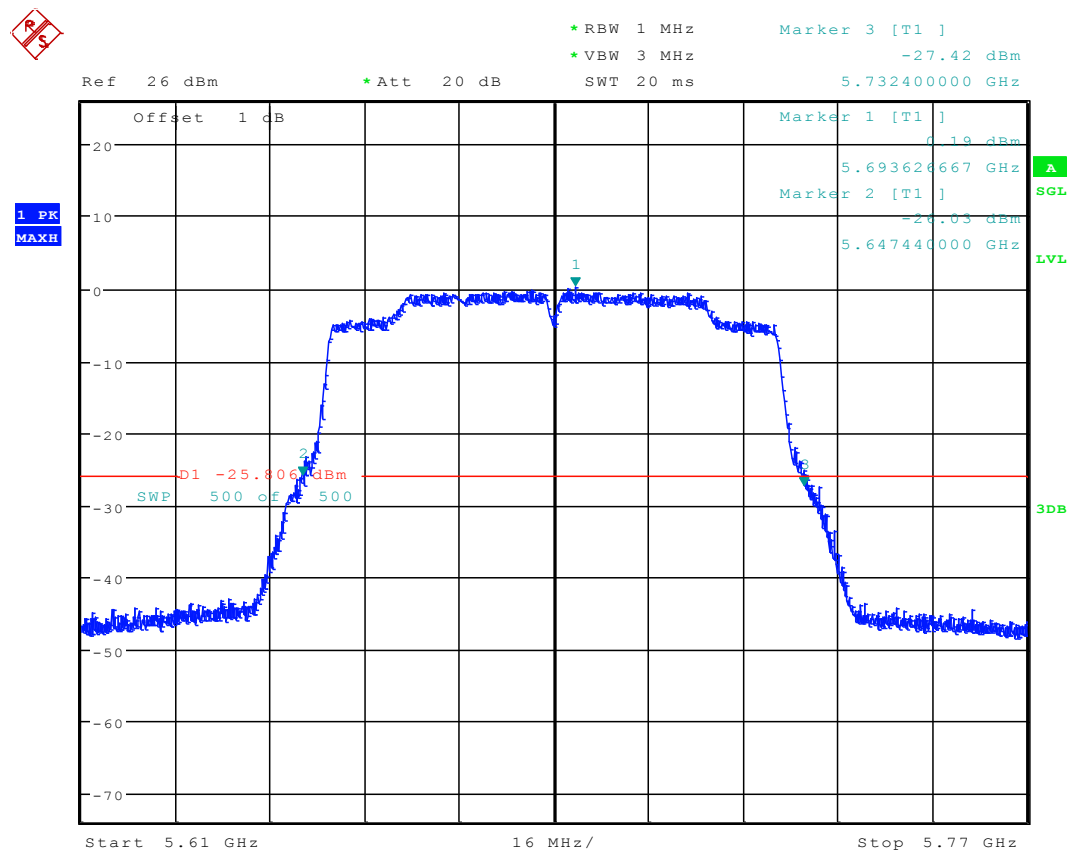
Date: 22.JAN.2018 17:38:10

3.132 11AC80_106 ANT 2



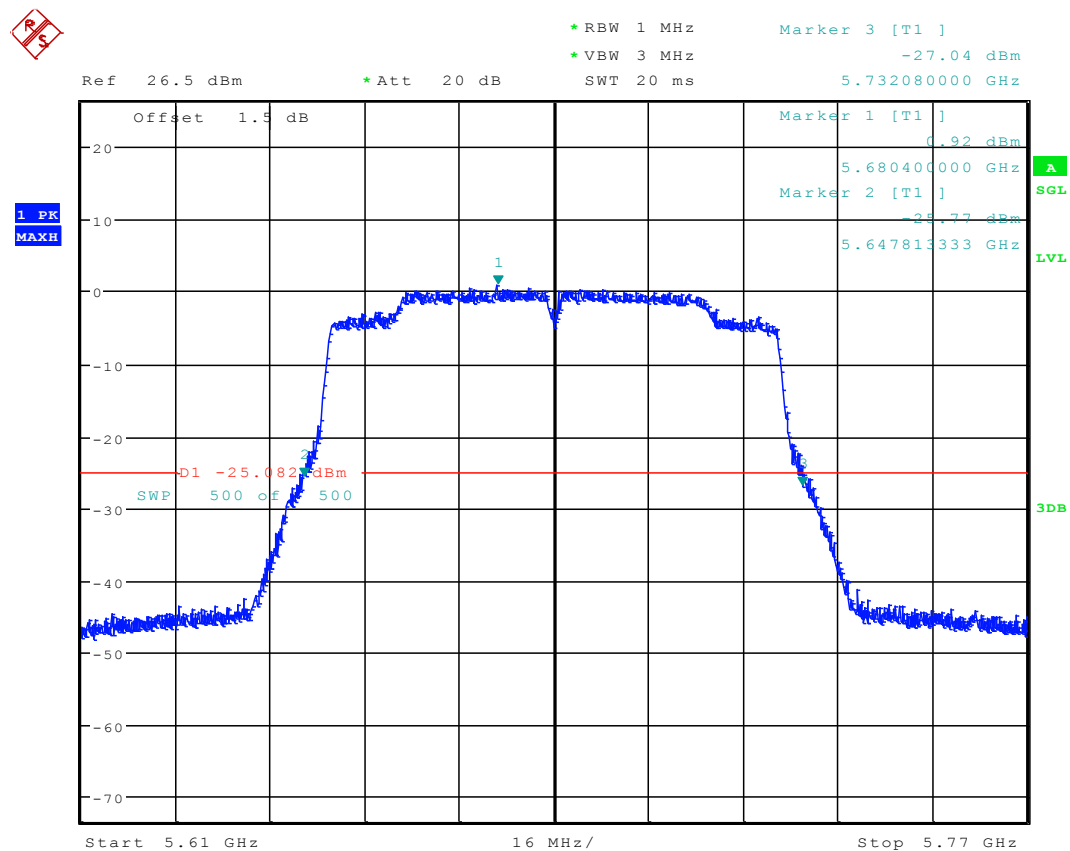
Date: 26.JAN.2018 18:02:31

3.133 11AC80_138 ANT 1



Date: 23.JAN.2018 17:00:34

3.134 11AC80_138 ANT 2



Date: 26.JAN.2018 16:55:43



A

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3DB



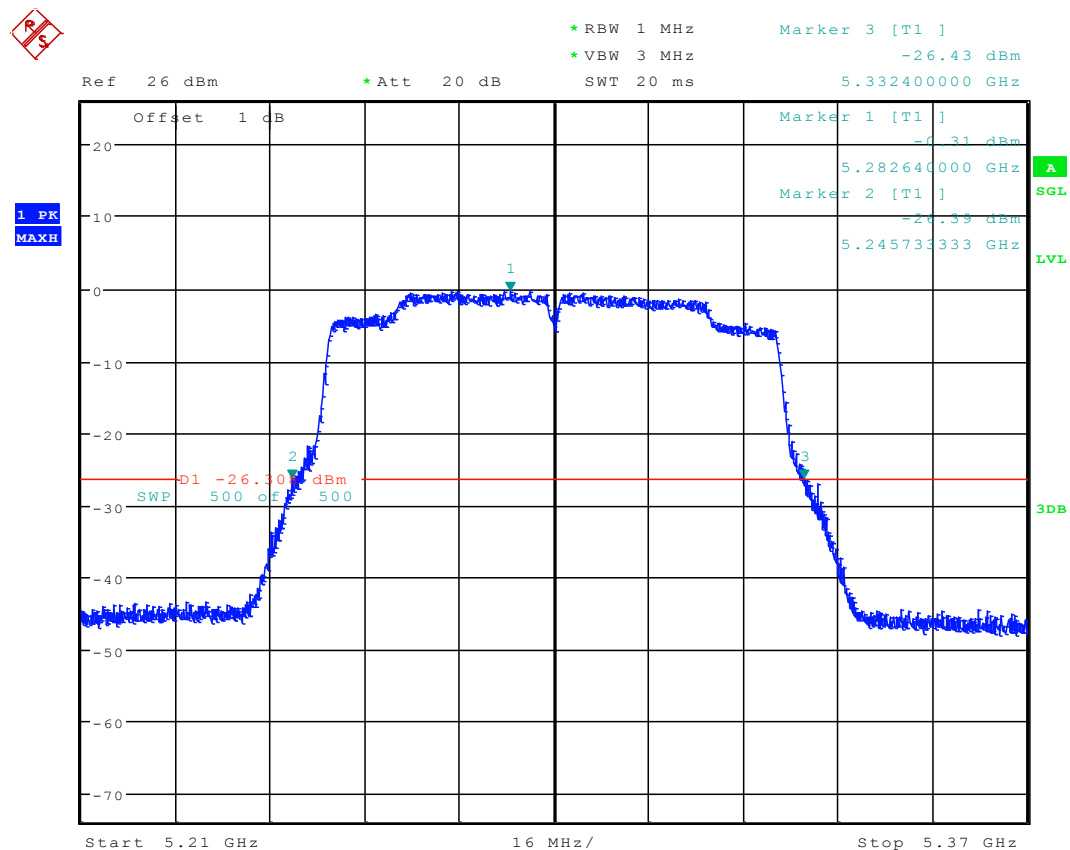
A

SGL

LVL

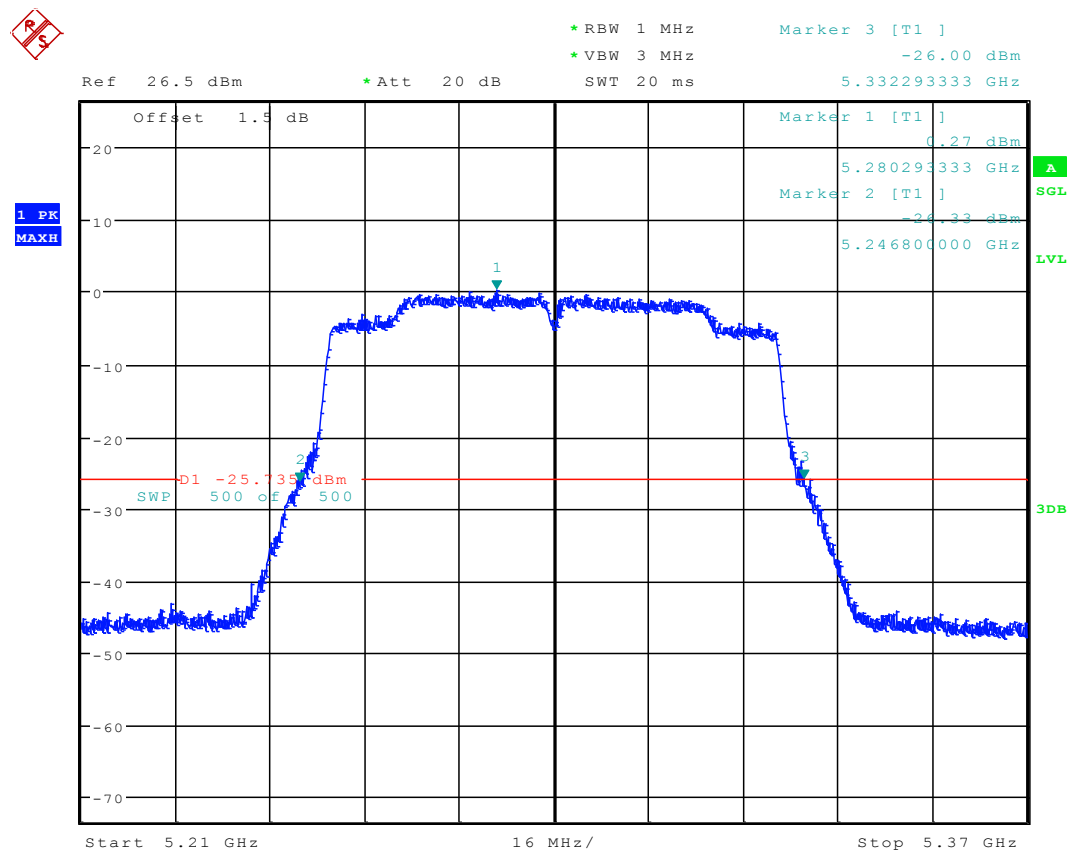
3DB

3.137 11AC80MIMO_58 ANT 1



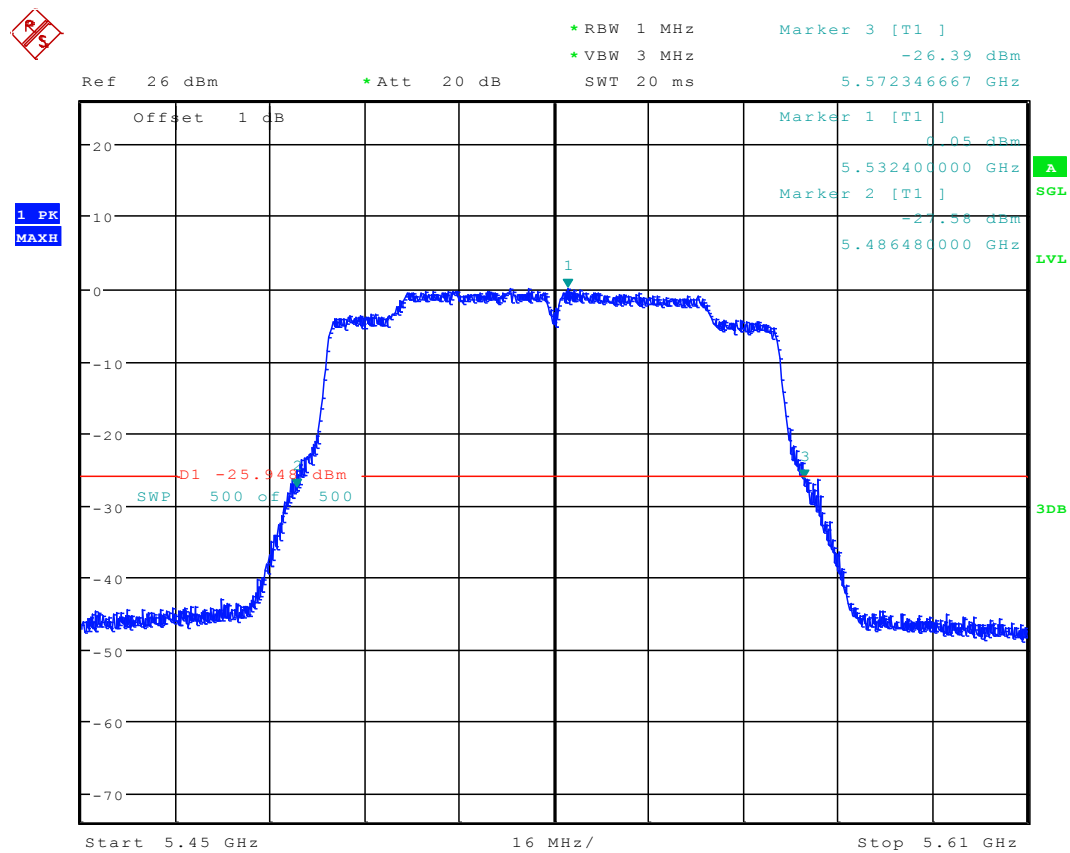
Date: 23.JAN.2018 16:46:54

3.138 11AC80MIMO_58 ANT 2



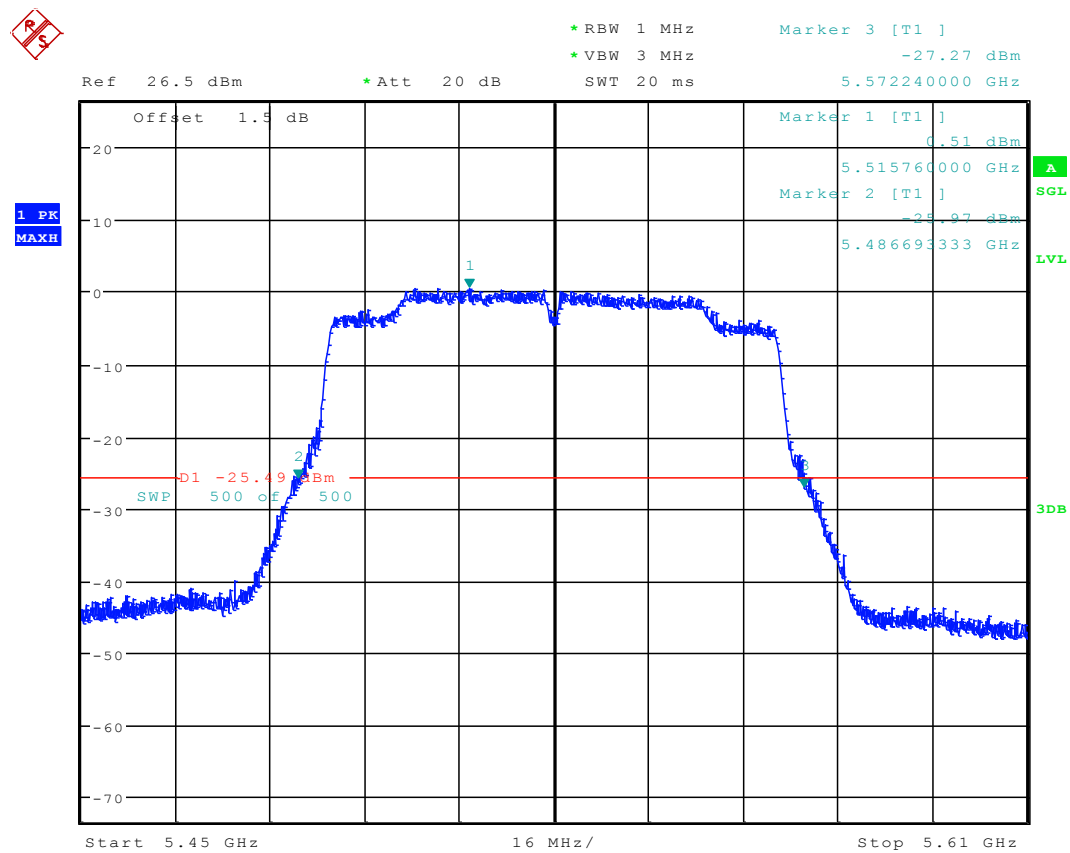
Date: 26.JAN.2018 16:47:19

3.139 11AC80MIMO_106 ANT 1



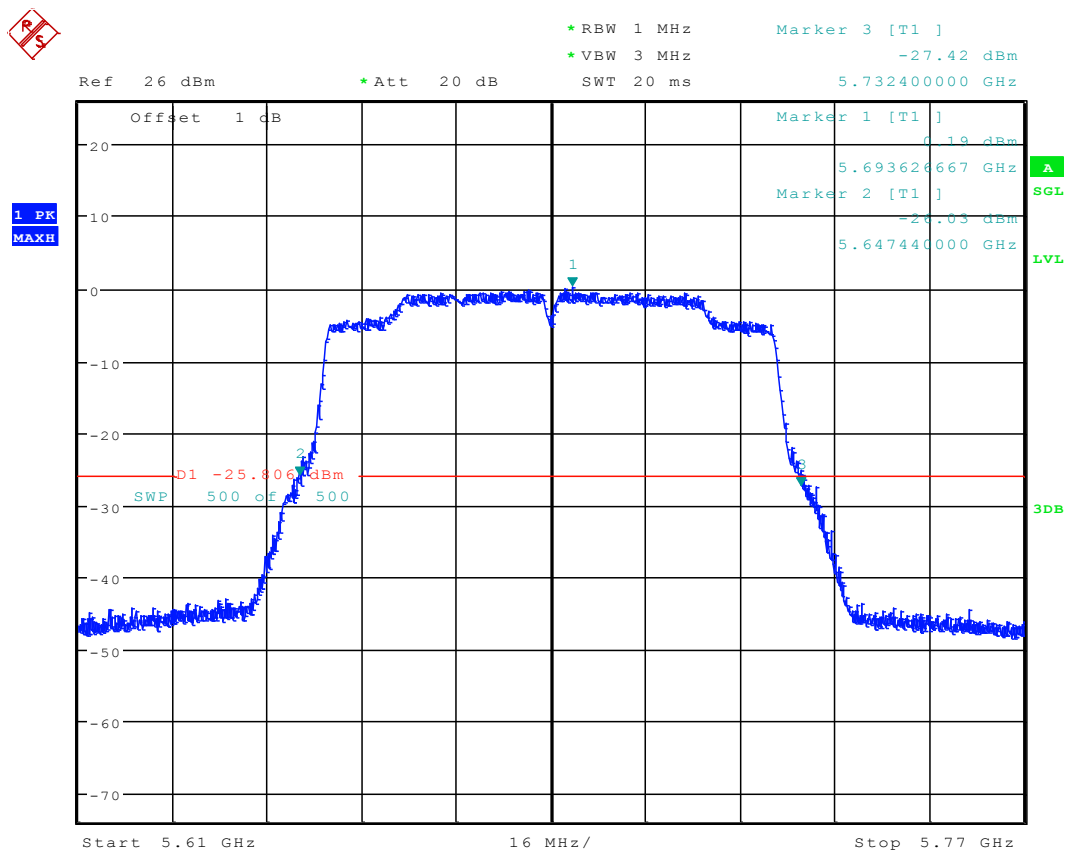
Date: 23.JAN.2018 16:52:13

3.140 11AC80MIMO_106 ANT 2



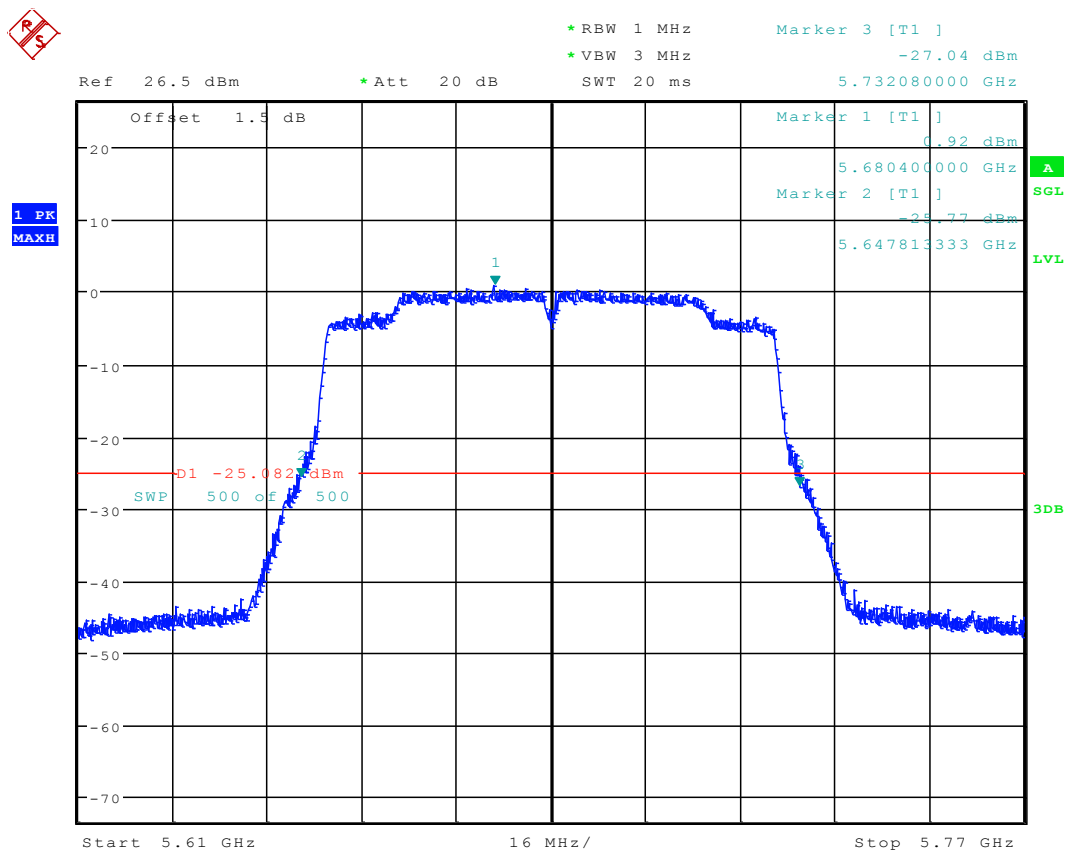
Date: 26.JAN.2018 16:51:21

3.141 11AC80MIMO_138 ANT 1



Date: 23.JAN.2018 17:00:34

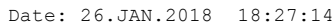
3.142 11AC80MIMO_138 ANT 2



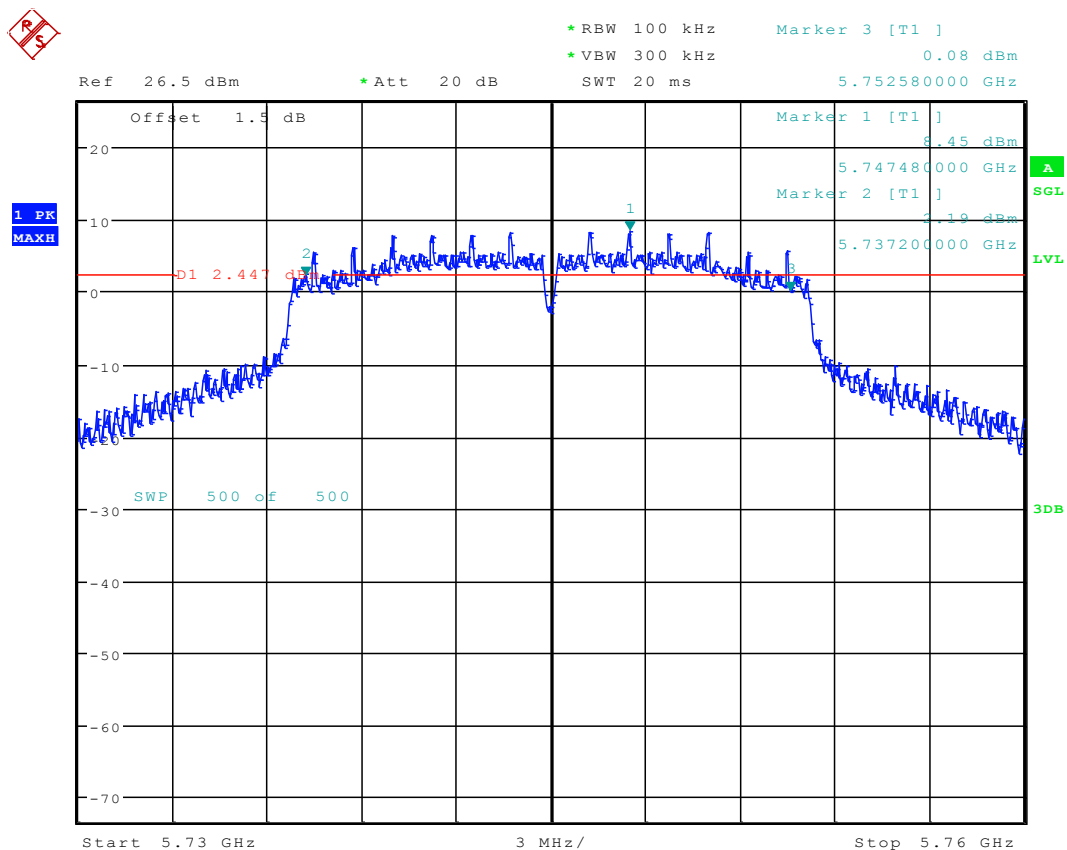
Date: 26.JAN.2018 16:55:43



4.1 11A20_149 ANT 1

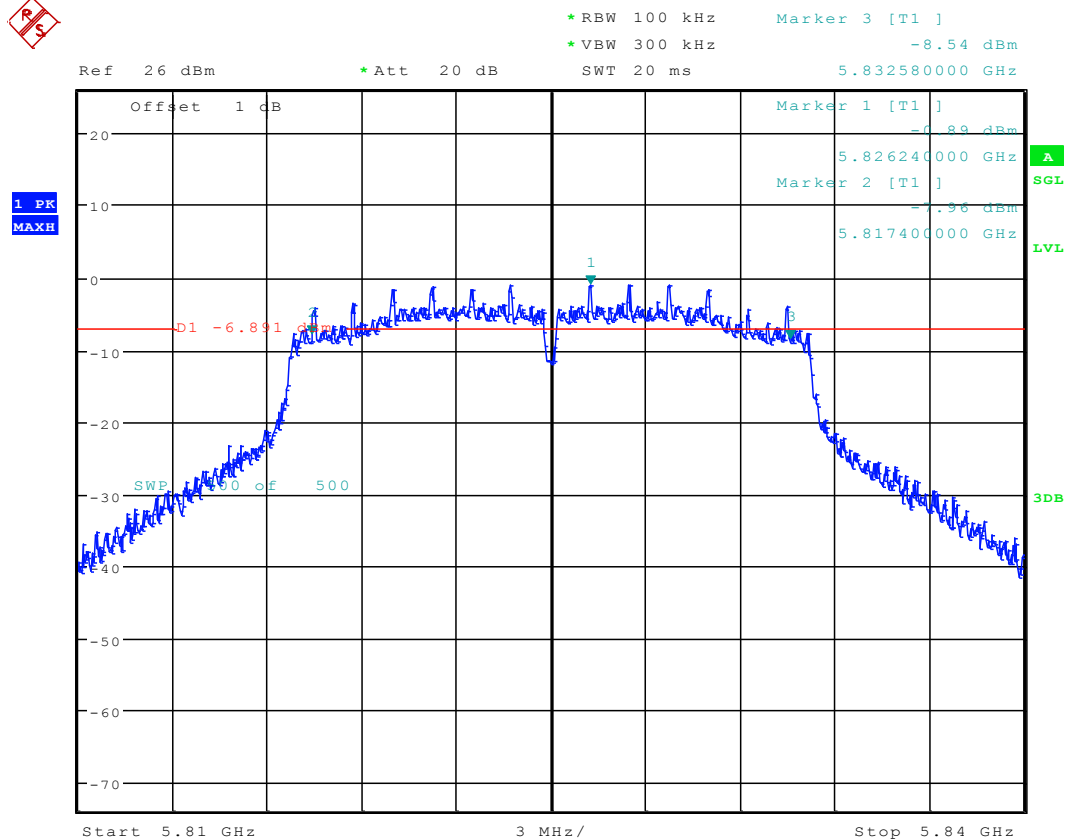


4.2 11A20_149 ANT 2



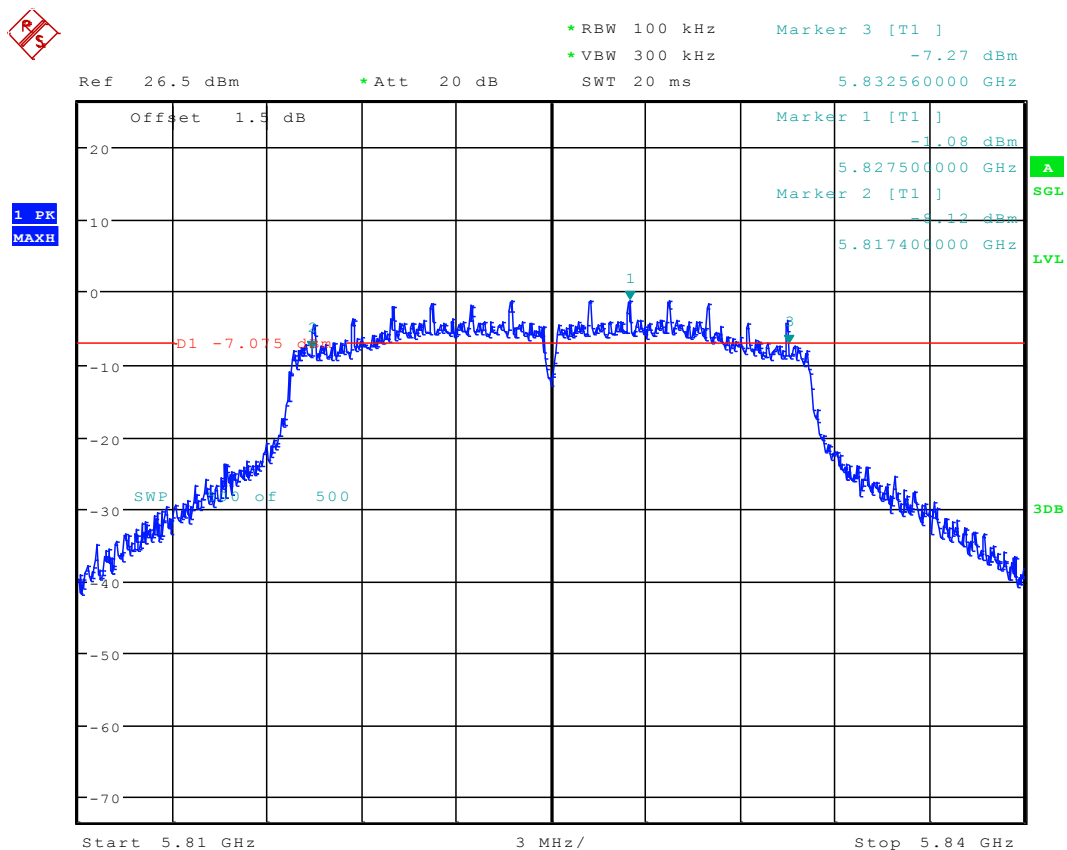
Date: 24.JAN.2018 11:30:07

4.3 11A20_165 ANT 1



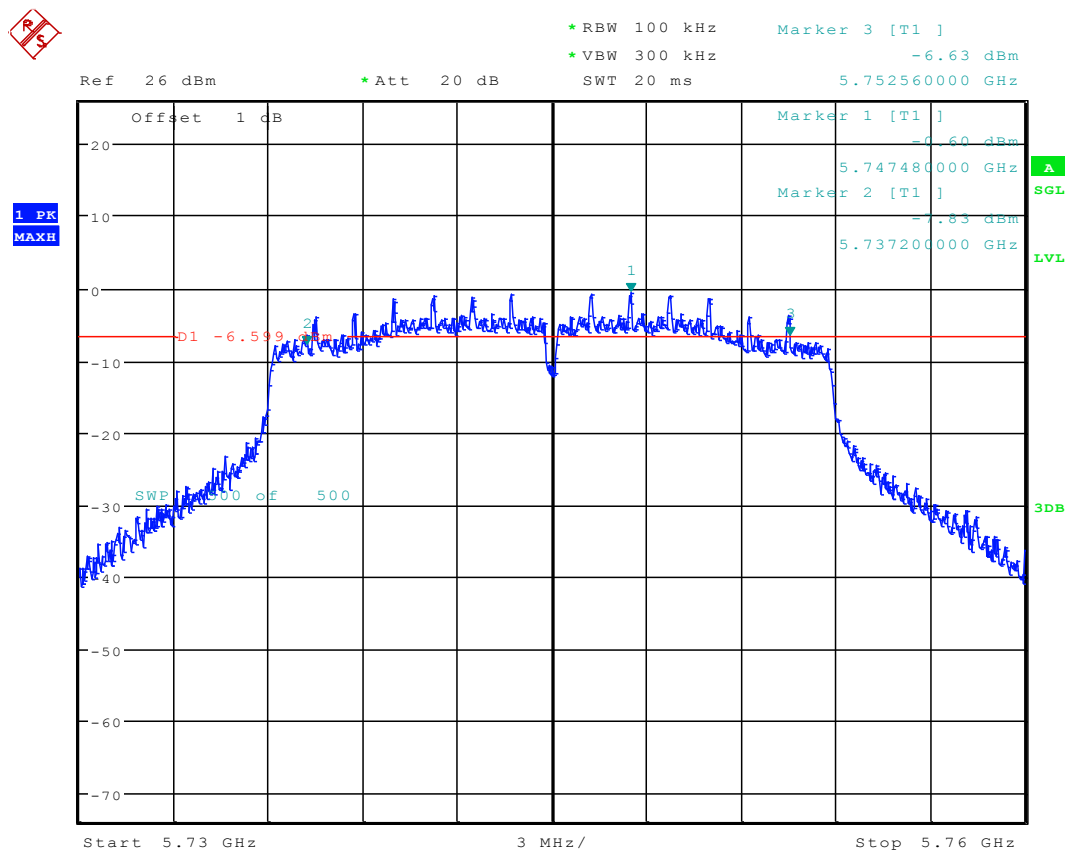
Date: 22.JAN.2018 14:46:57

4.4 11A20_165 ANT 2



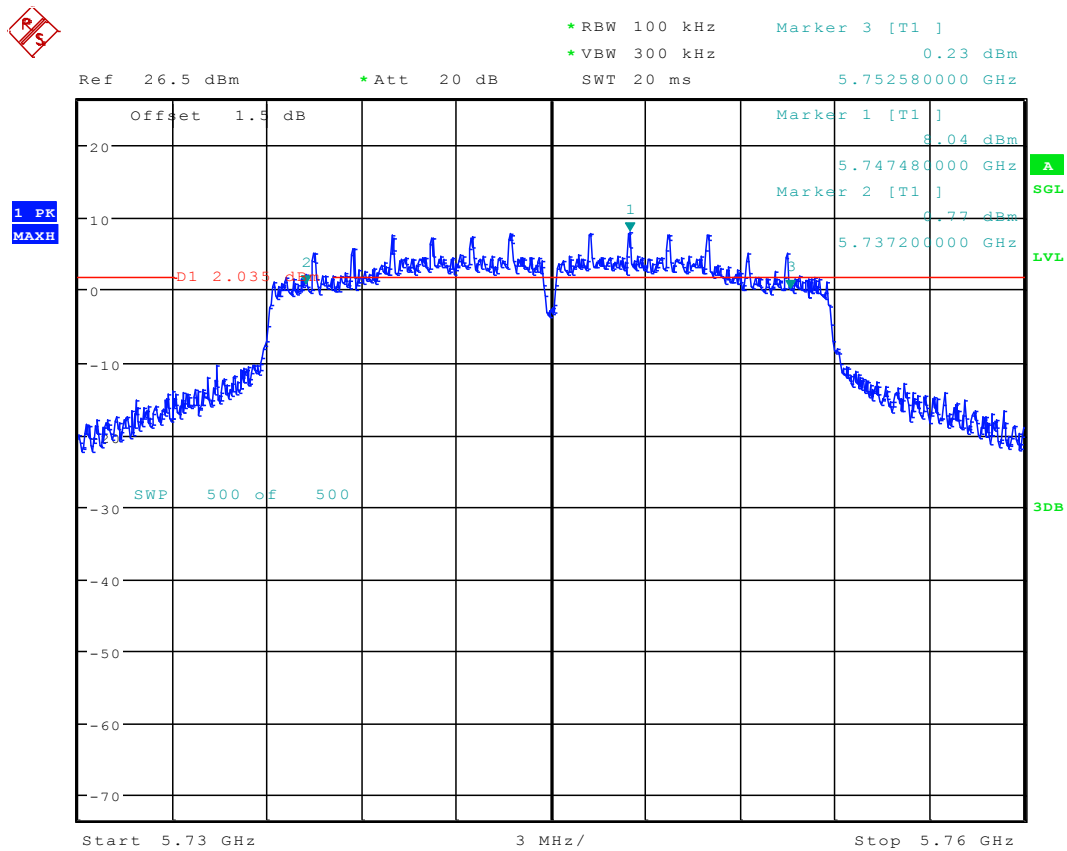
Date: 24.JAN.2018 11:35:43

4.5 11N20_149 ANT 1



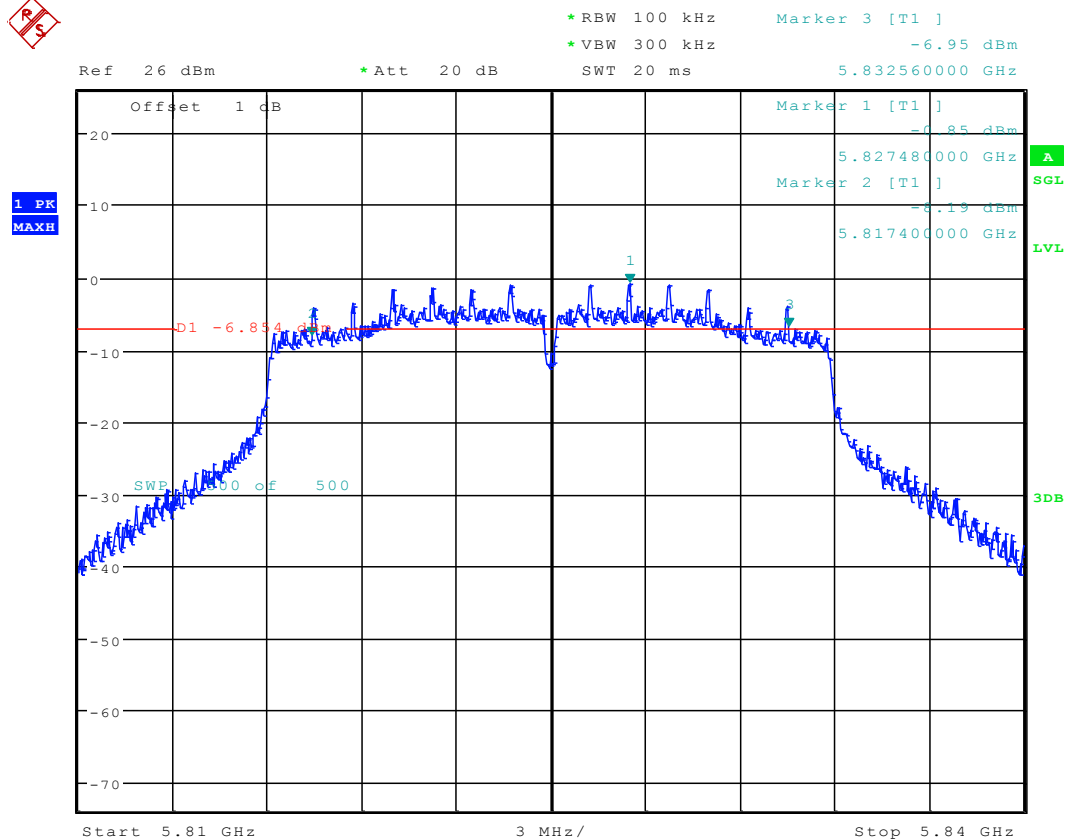
Date: 22.JAN.2018 15:15:00

4.6 11N20_149 ANT 2



Date: 24.JAN.2018 13:40:40

4.7 11N20_165 ANT 1



Date: 22.JAN.2018 15:18:59

4.8 11N20_165 ANT 2



*RBW 100 kHz
*VBW 300 kHz
SWT 20 ms

Marker 3 [T1]

-8.01 dBm

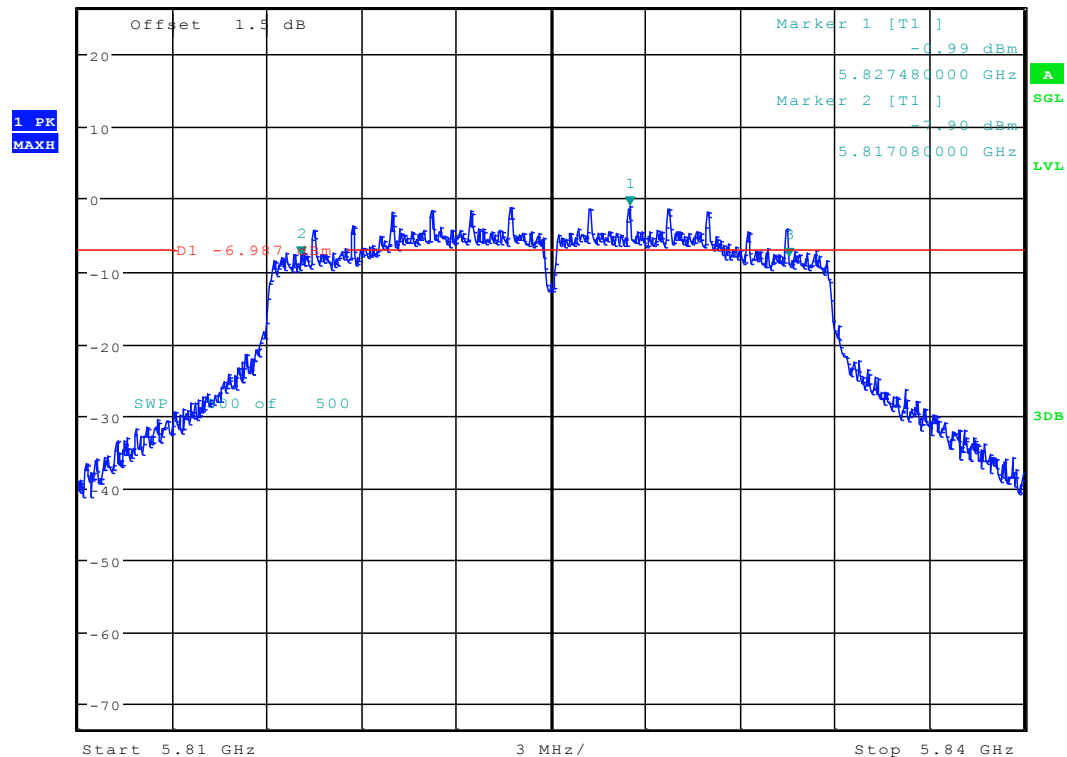
5.832560000 GHz

Ref 26.5 dBm

*Att 20 dB

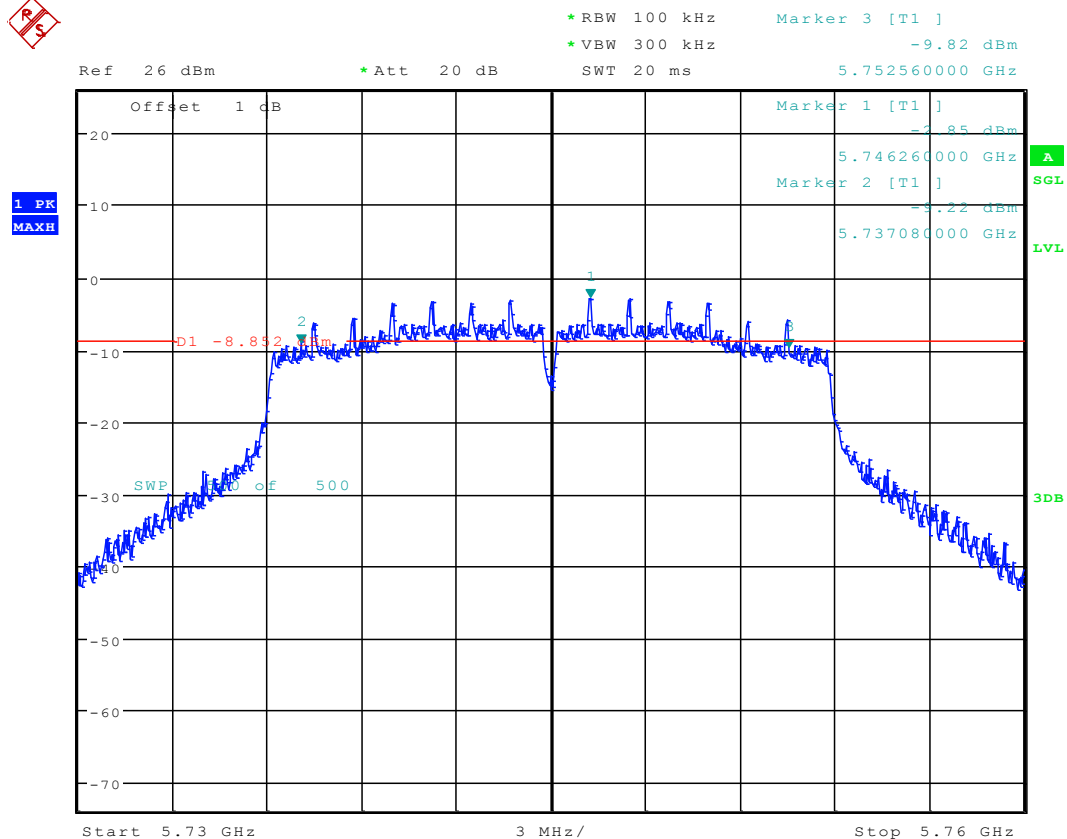
SWT 20 ms

5.832560000 GHz



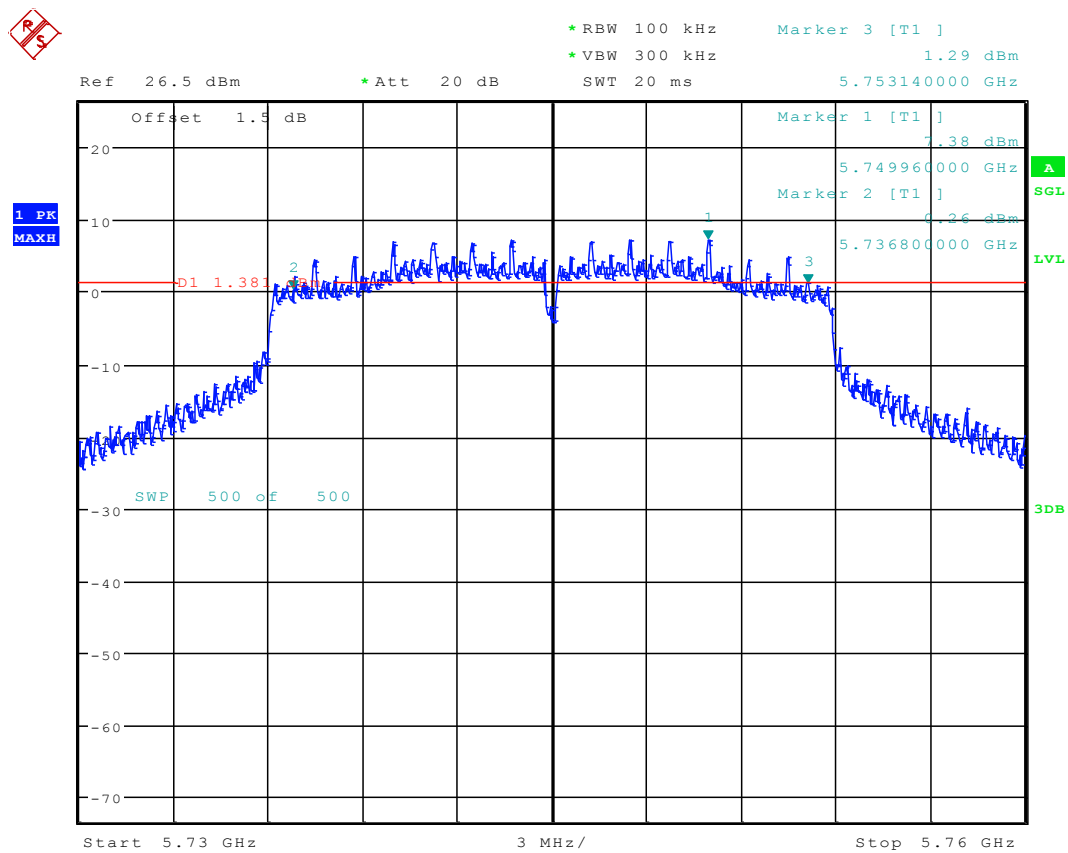
Date: 24.JAN.2018 13:43:58

4.9 11N20MIMO_149 ANT 1



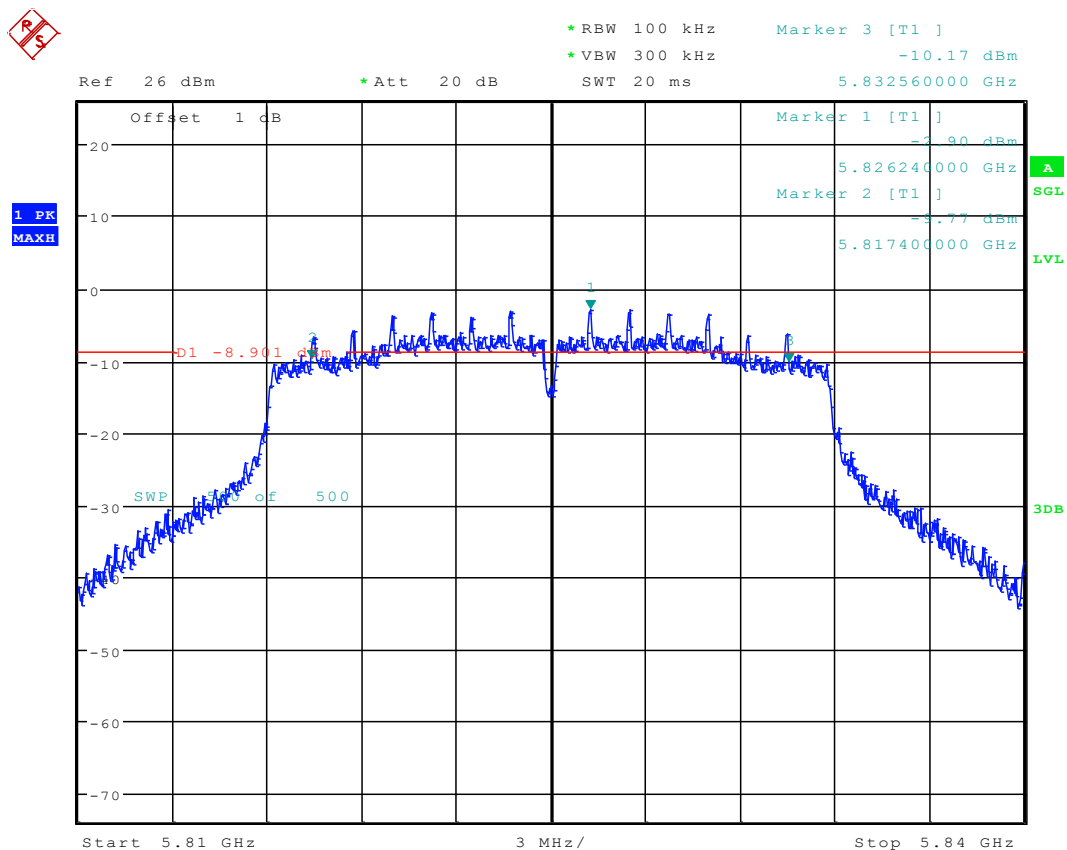
Date: 23.JAN.2018 15:05:39

4.10 11N20MIMO_149 ANT 2



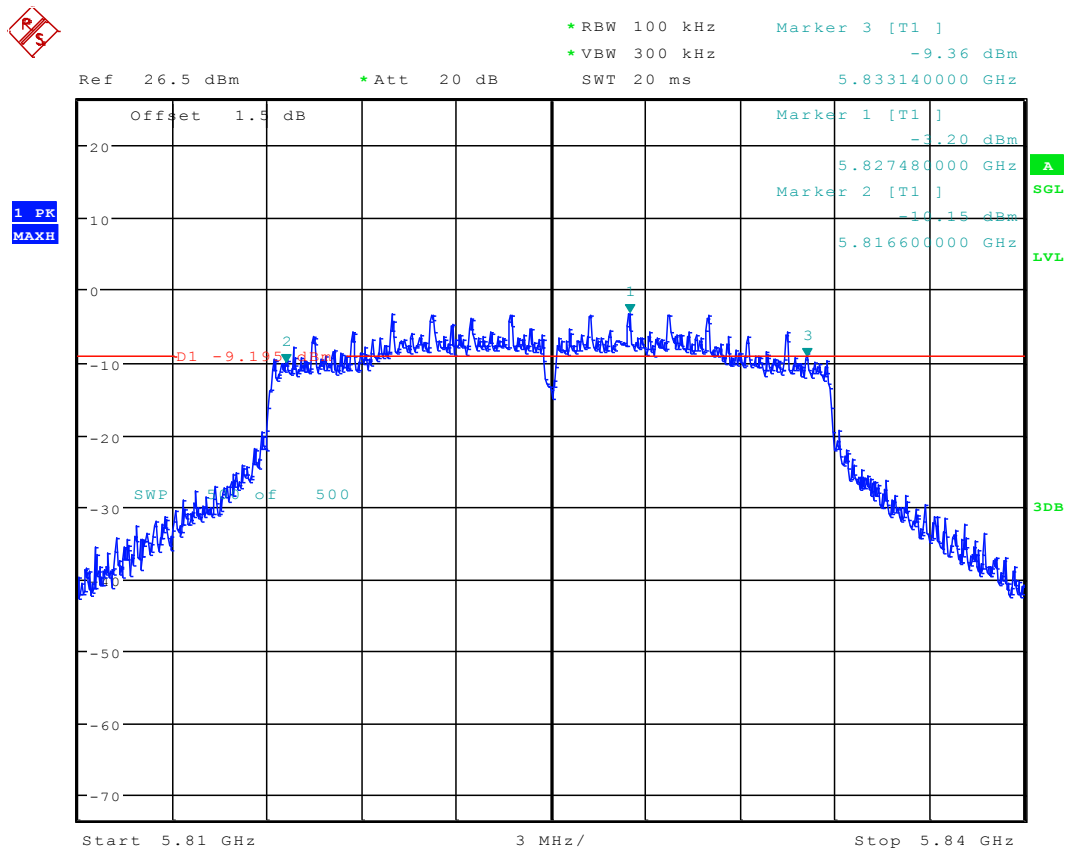
Date: 26.JAN.2018 14:40:16

4.11 11N20MIMO_165 ANT 1



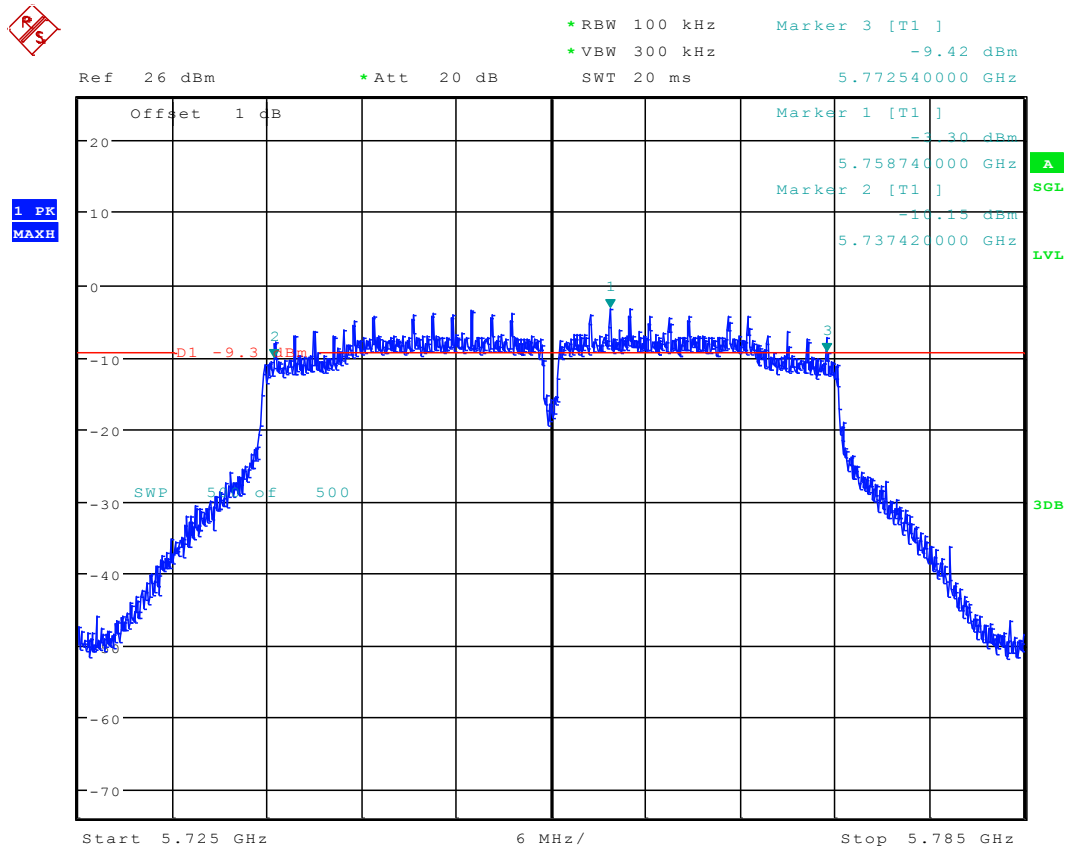
Date: 23.JAN.2018 15:08:43

4.12 11N20MIMO_165 ANT 2



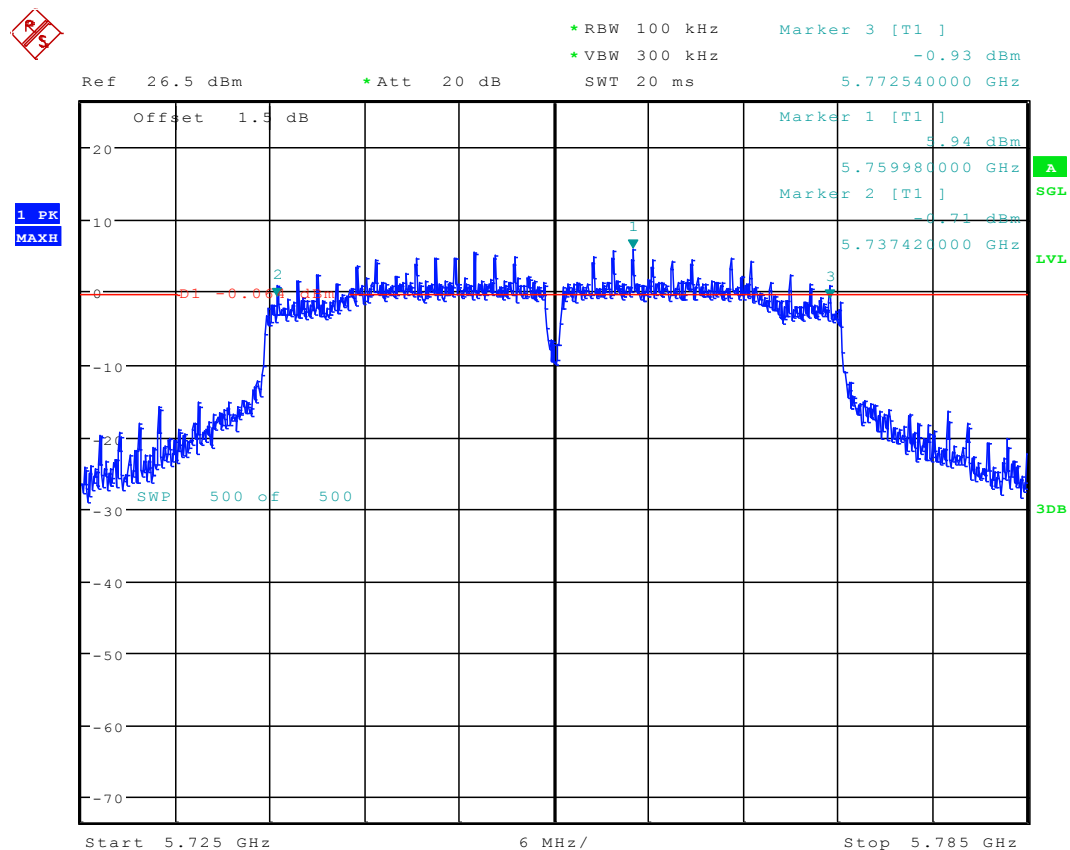
Date: 26.JAN.2018 14:43:09

4.13 11N40_151 ANT 1



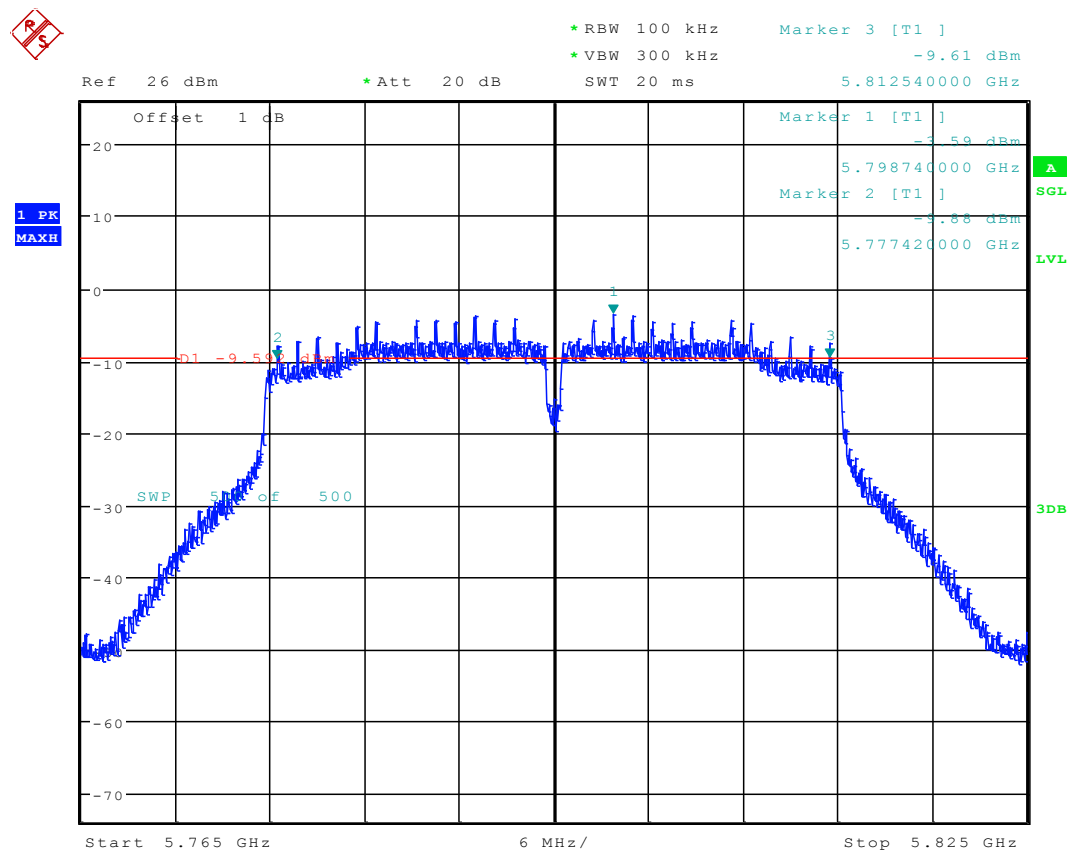
Date: 22.JAN.2018 16:29:46

4.14 11N40_151 ANT 2



Date: 24.JAN.2018 15:37:16

4.15 11N40_159 ANT 1



Date: 22.JAN.2018 16:39:01

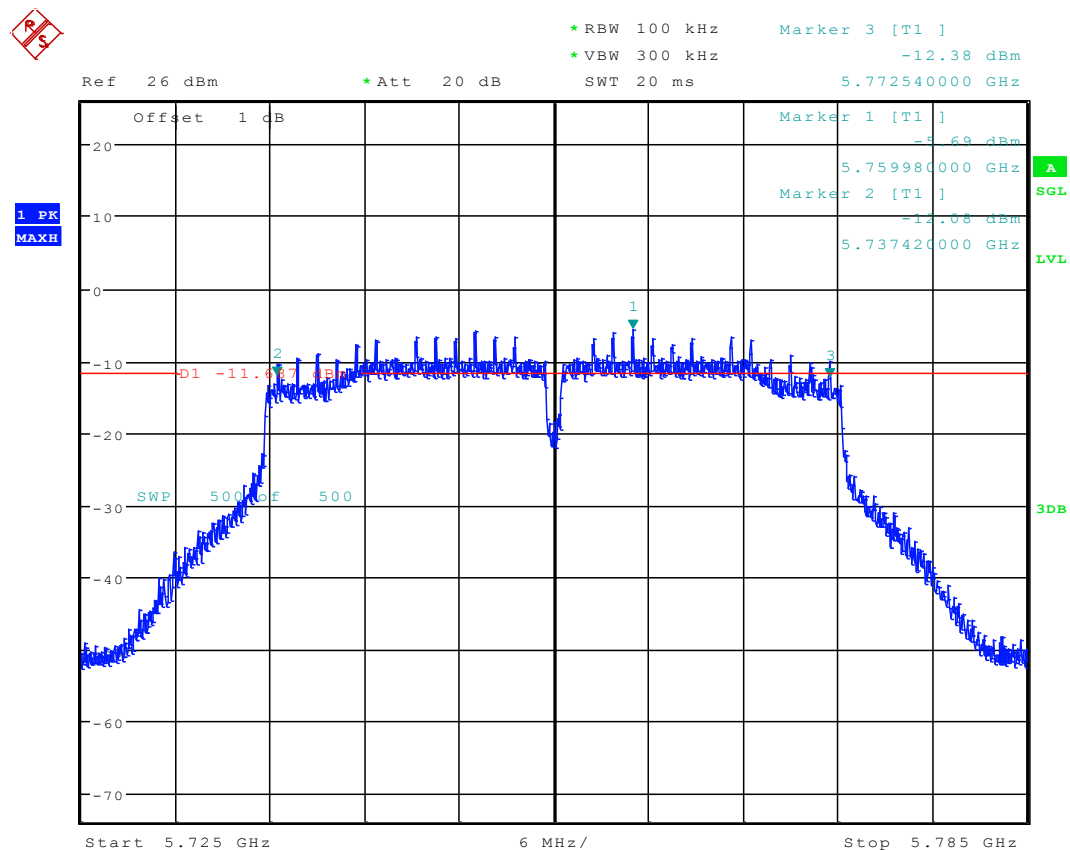


SGL

LVL

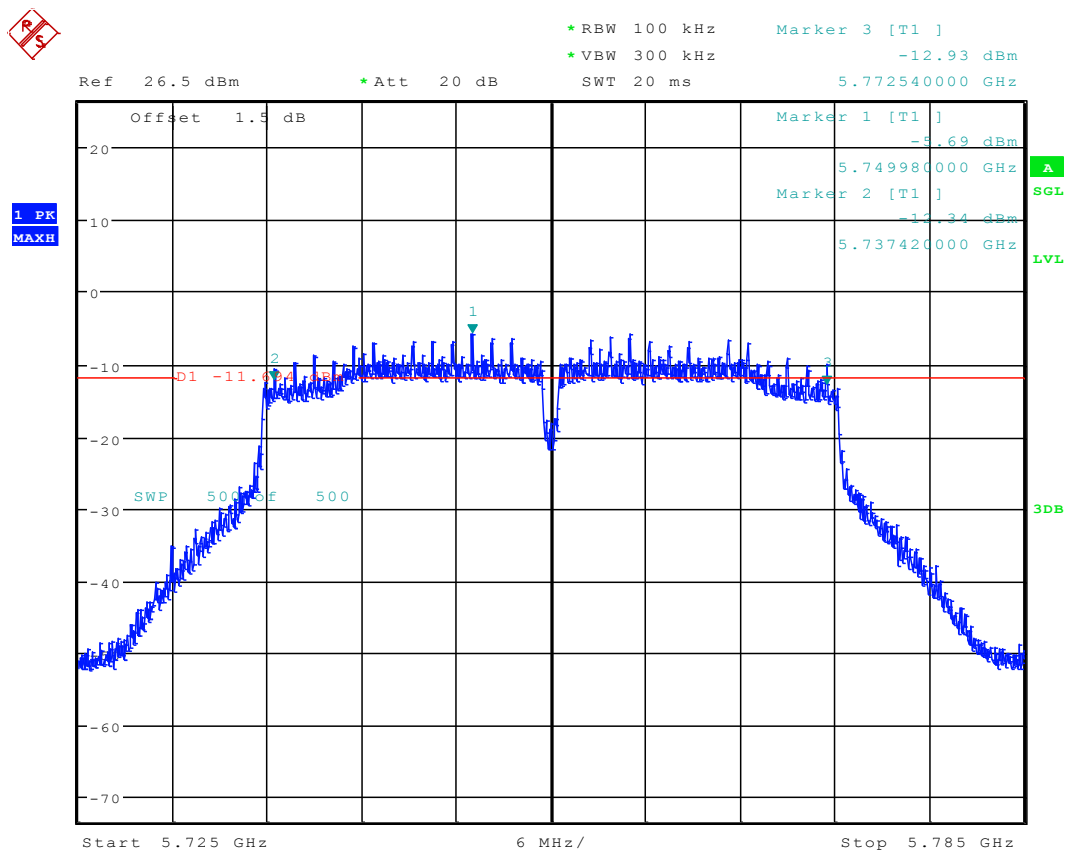
3DB

4.17 11N40MIMO_151 ANT 1



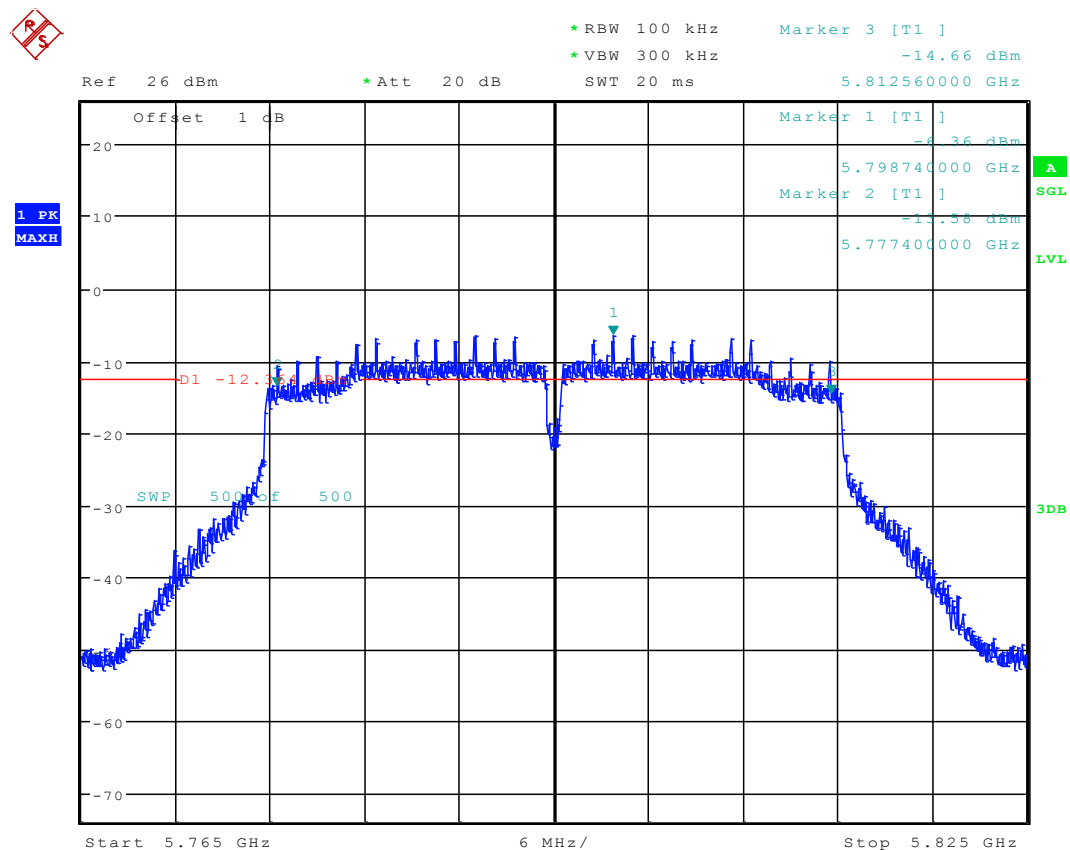
Date: 23.JAN.2018 15:32:25

4.18 11N40MIMO_151 ANT 2



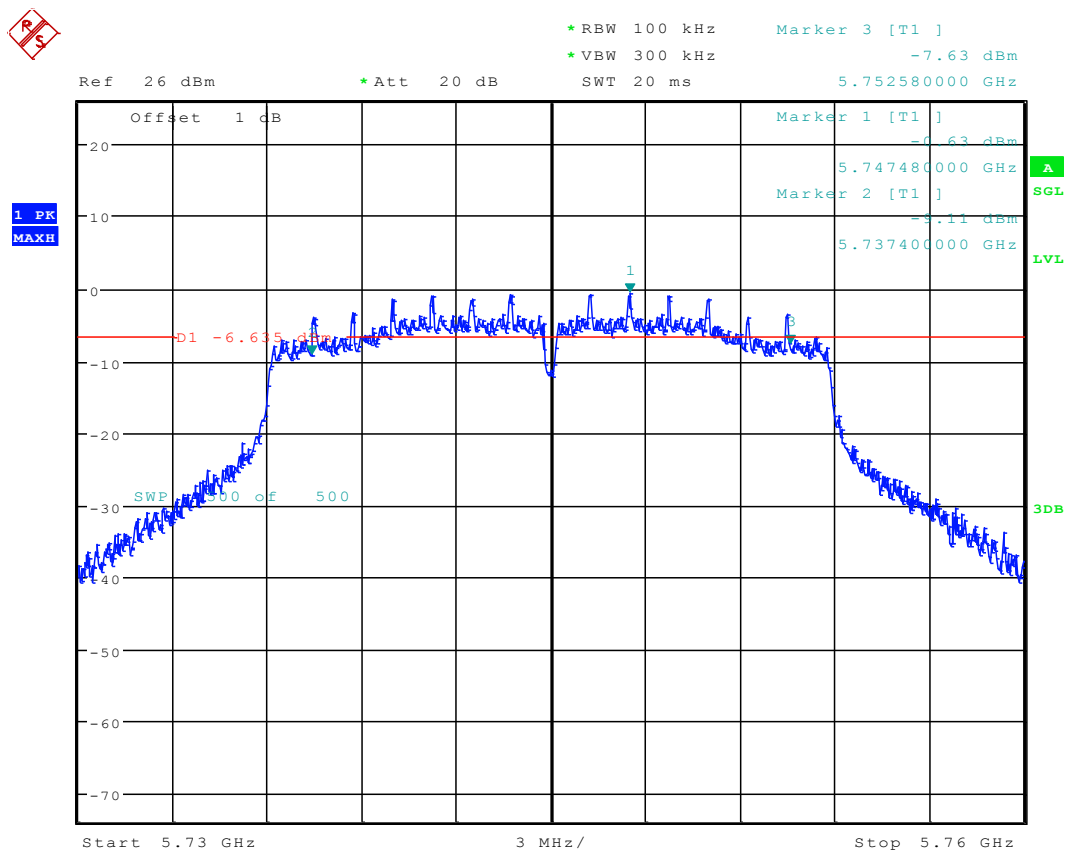
Date: 26.JAN.2018 15:47:07

4.19 11N40MIMO_159 ANT 1



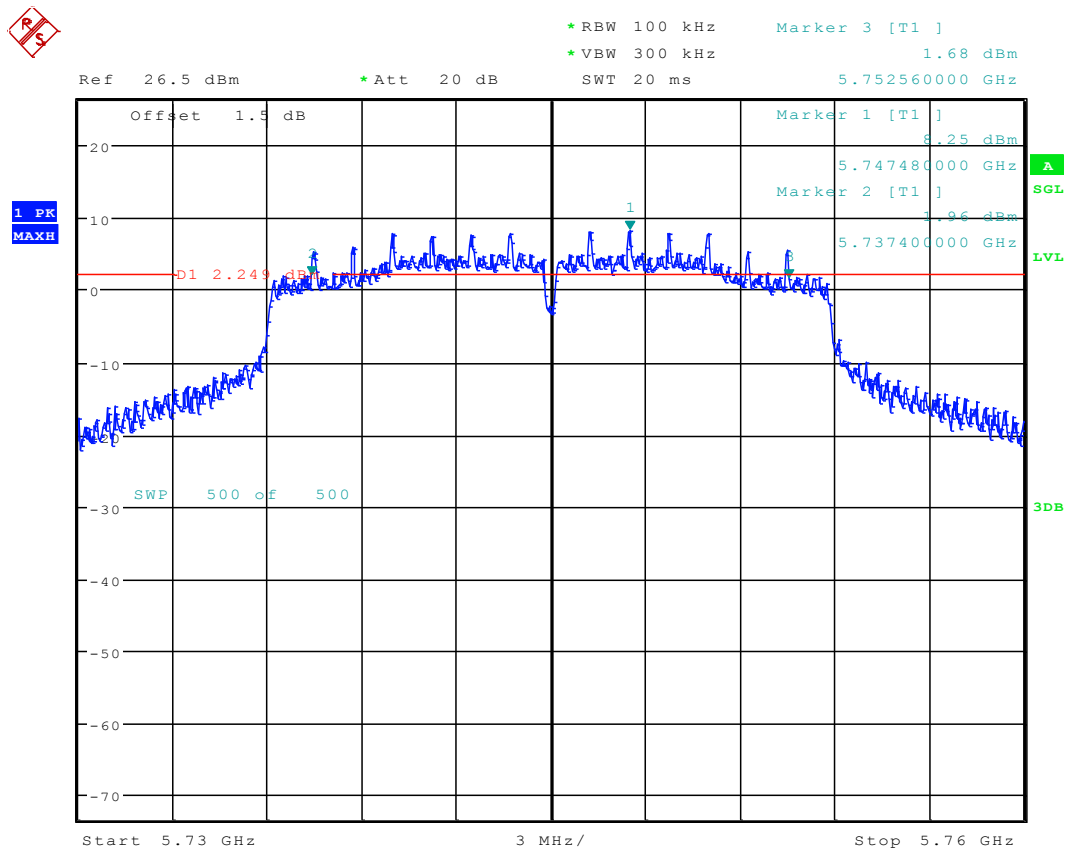
Date: 23.JAN.2018 15:35:39

4.21 11AC20_149 ANT 1



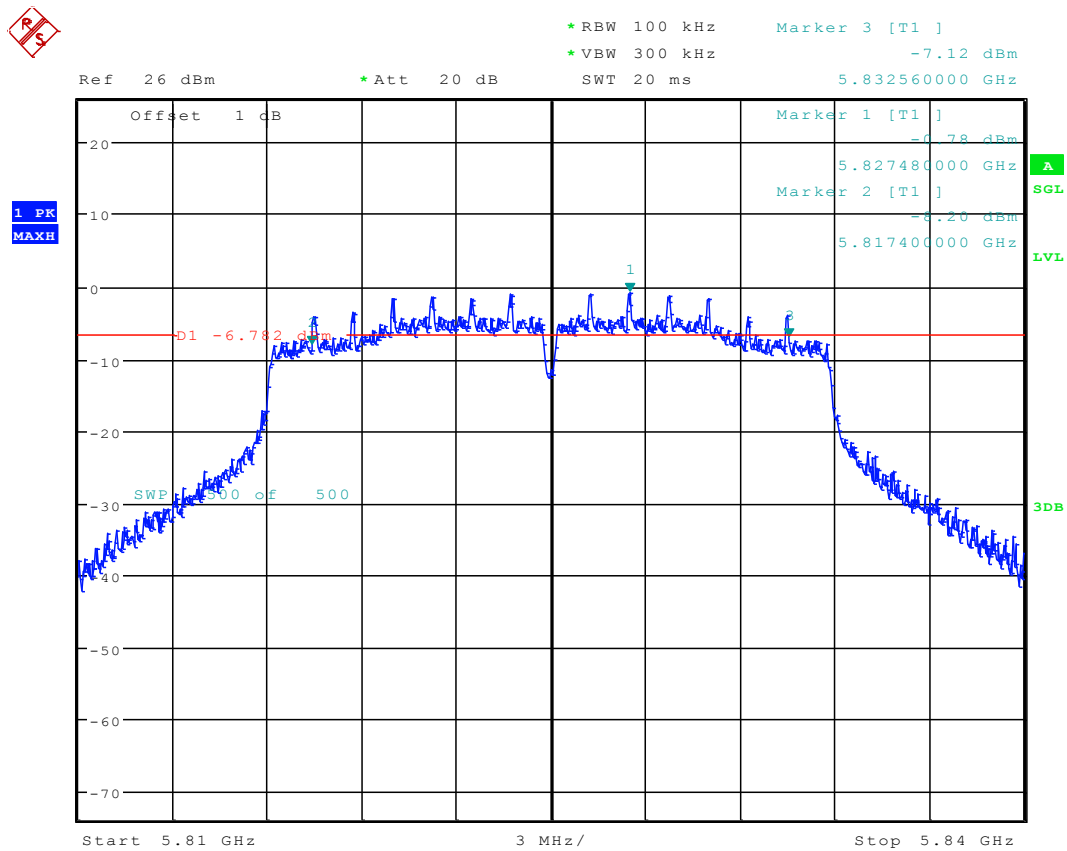
Date: 22.JAN.2018 15:56:34

4.22 11AC20_149 ANT 2



Date: 24.JAN.2018 14:59:37

4.23 11AC20_165 ANT 1



Date: 22.JAN.2018 16:00:48



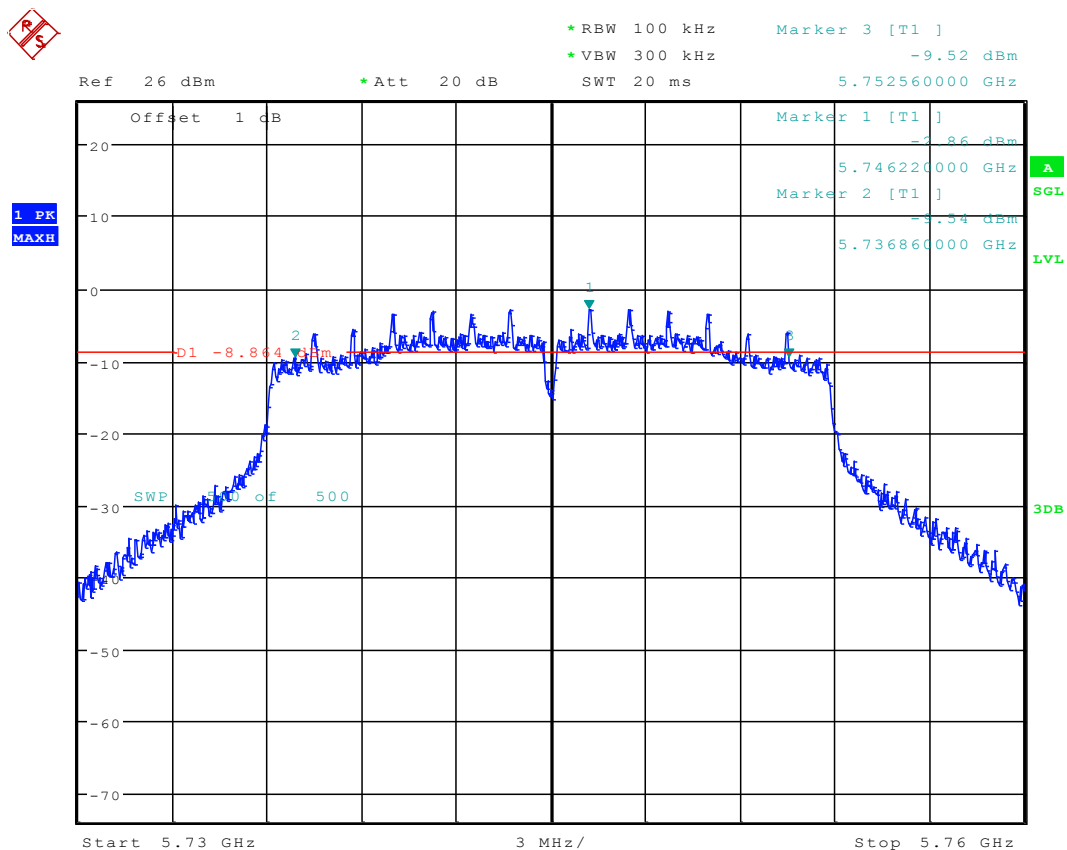
A

SGL

LVL

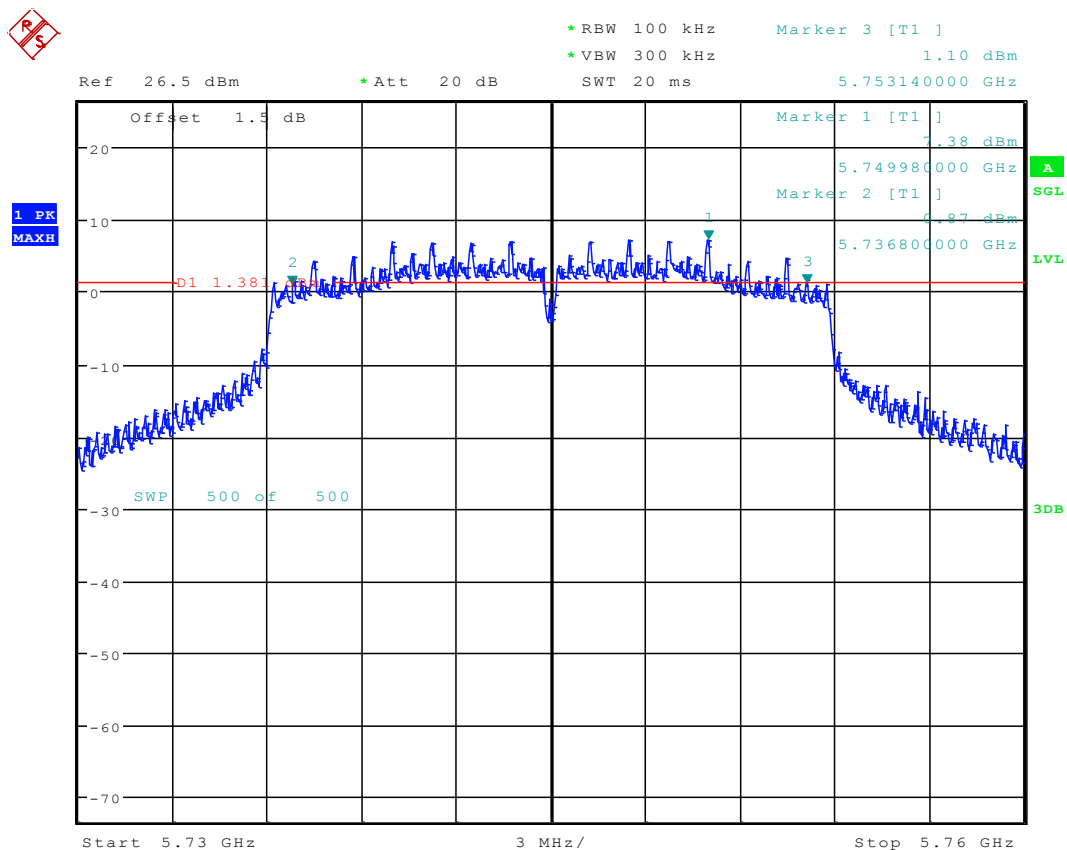
3DB

4.25 11AC20MIMO_149 ANT 1



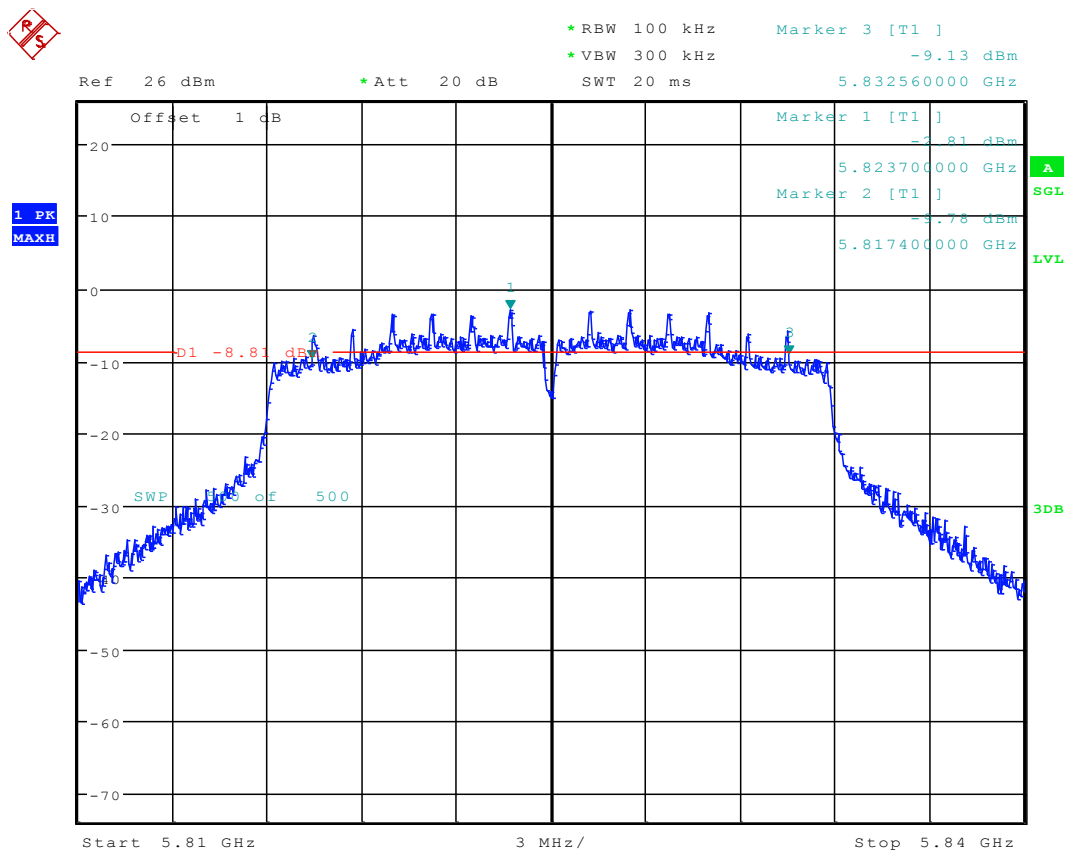
Date: 23.JAN.2018 15:59:32

4.26 11AC20MIMO_149 ANT 2



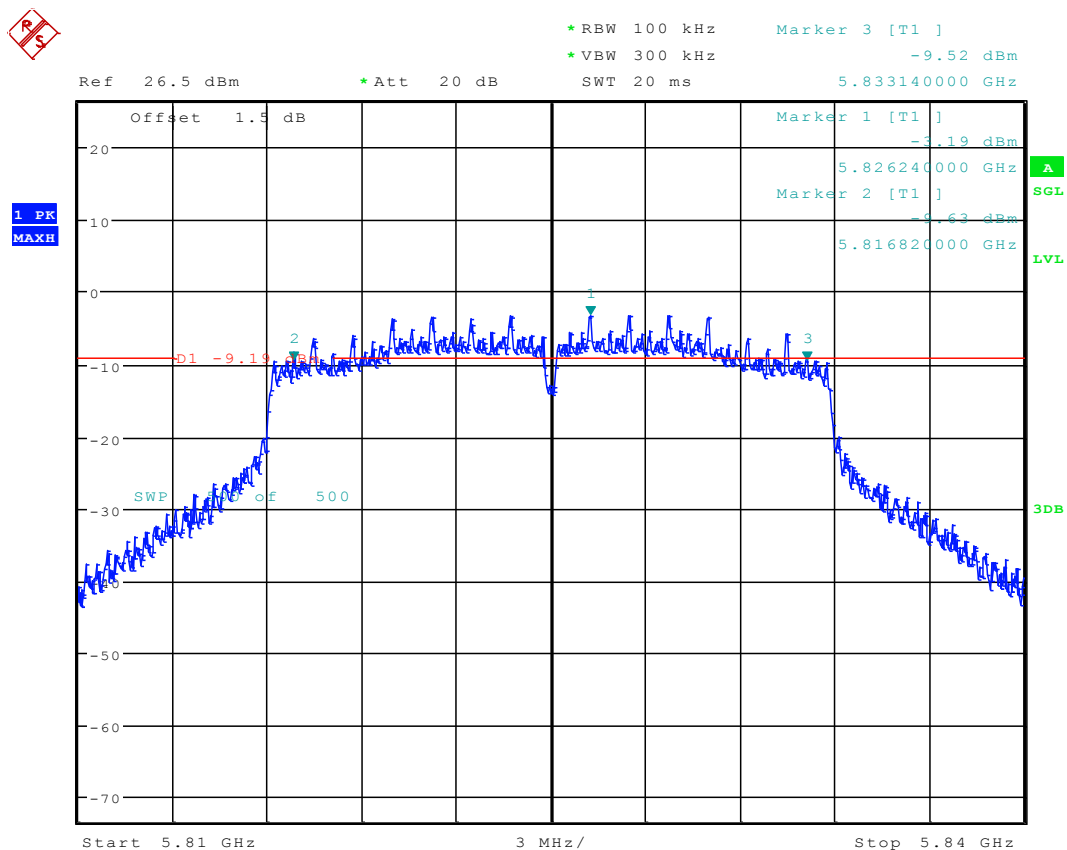
Date: 26.JAN.2018 15:20:52

4.27 11AC20MIMO_165 ANT 1



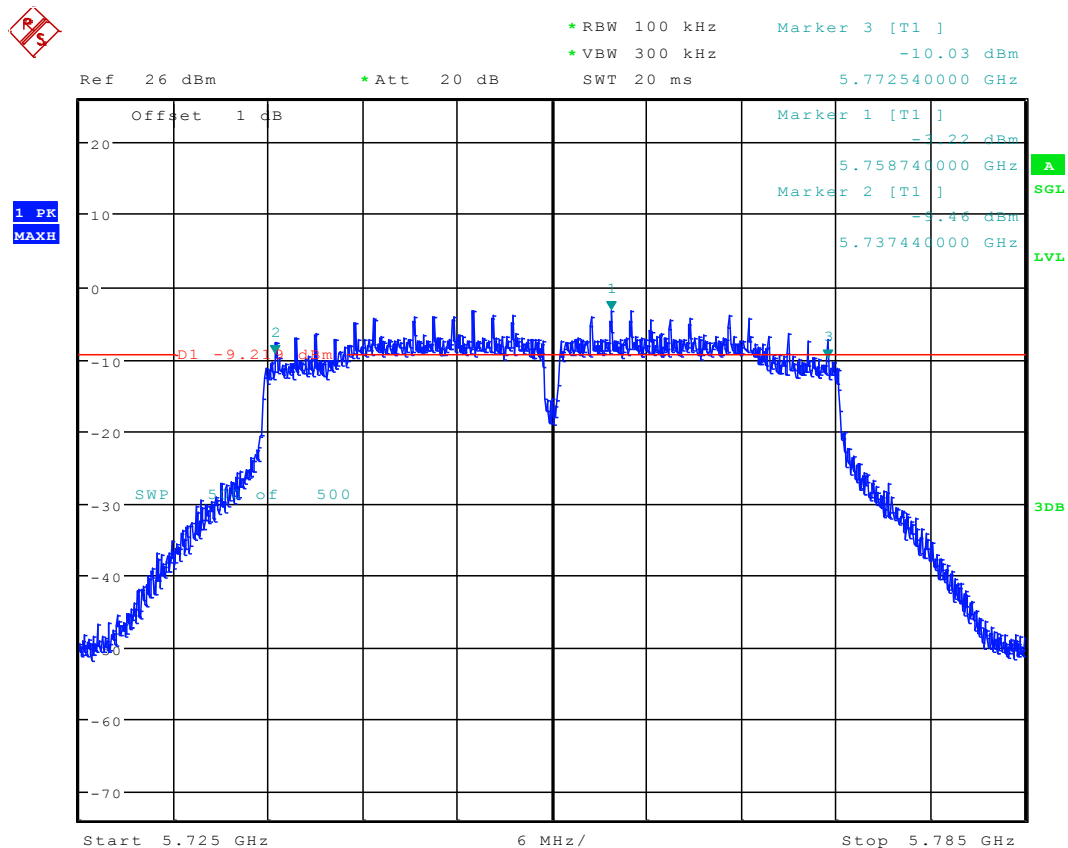
Date: 23.JAN.2018 16:02:30

4.28 11AC20MIMO_165 ANT 2



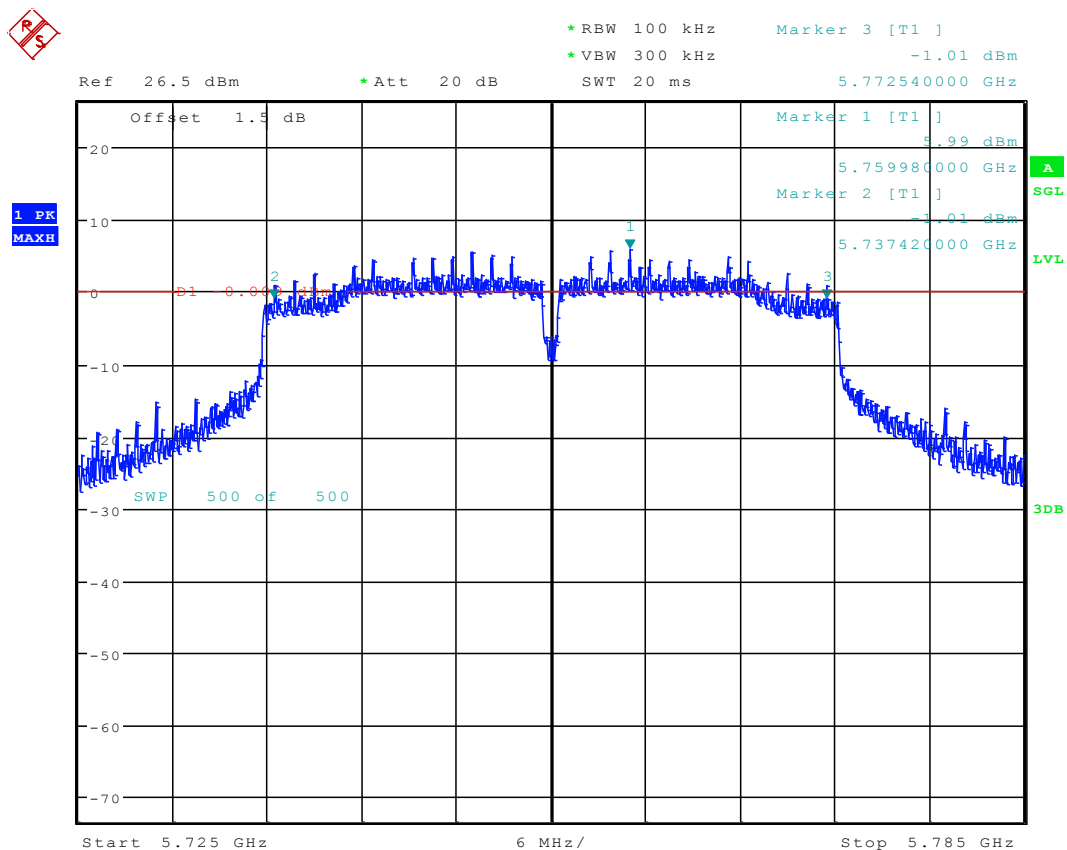
Date: 26.JAN.2018 15:23:48

4.29 11AC40_151 ANT 1



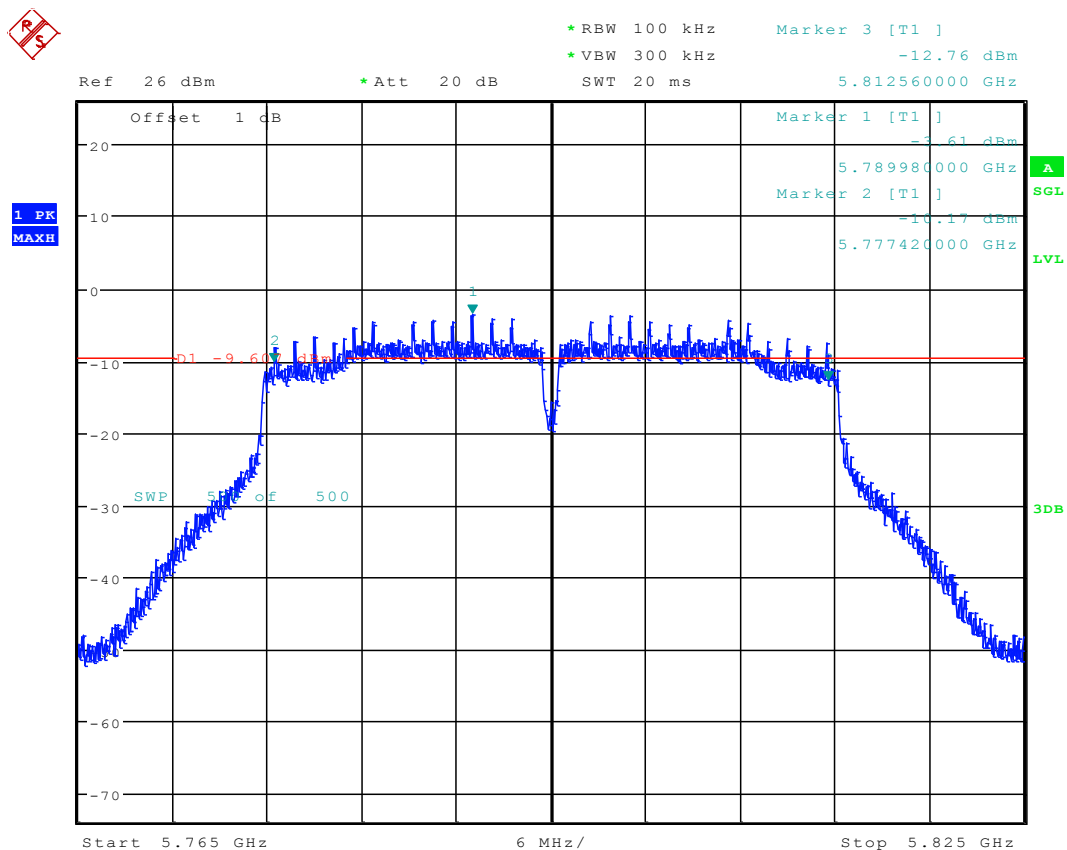
Date: 22.JAN.2018 17:20:48

4.30 11AC40_151 ANT 2



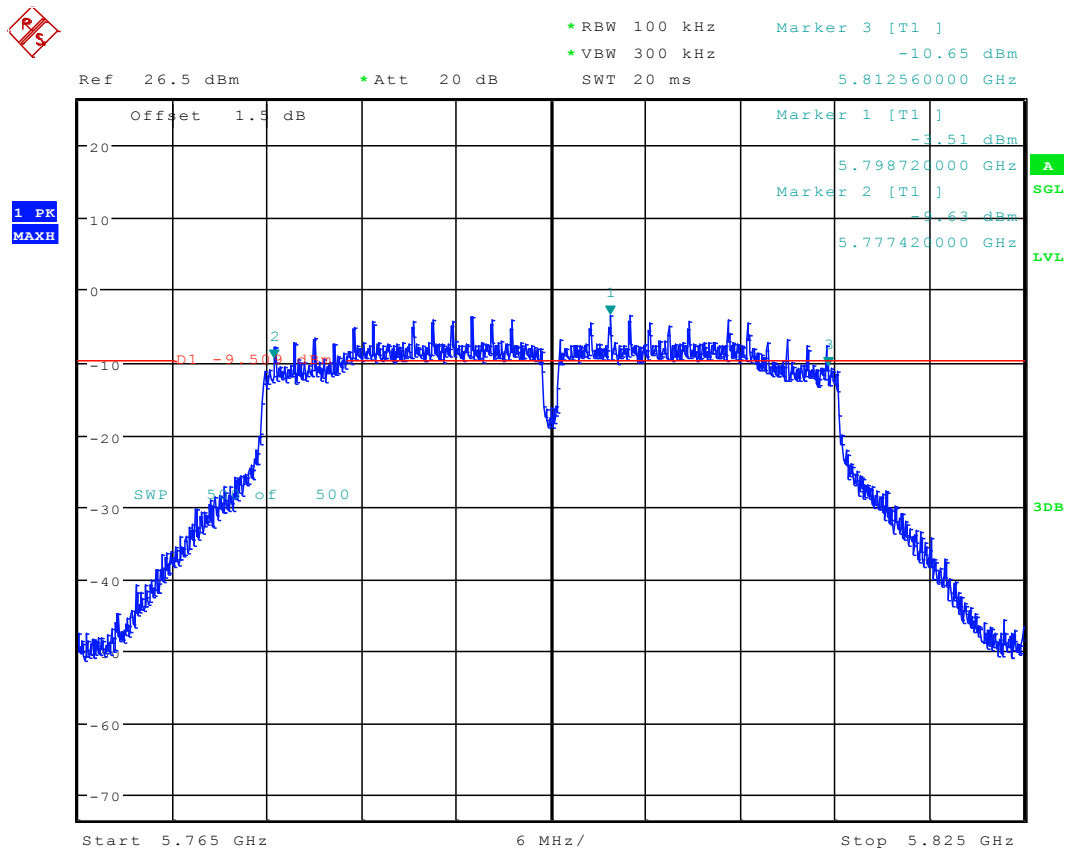
Date: 26.JAN.2018 17:45:56

4.31 11AC40_159 ANT 1



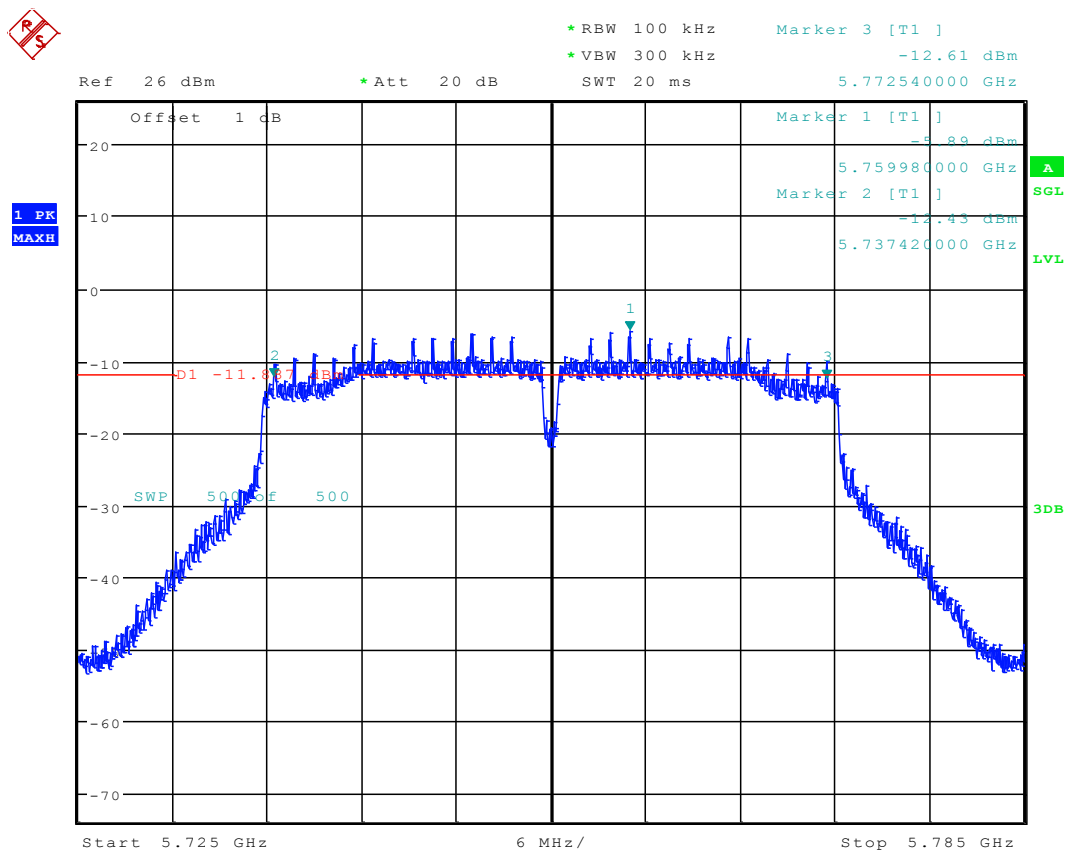
Date: 22.JAN.2018 17:23:57

4.32 11AC40_159 ANT 2



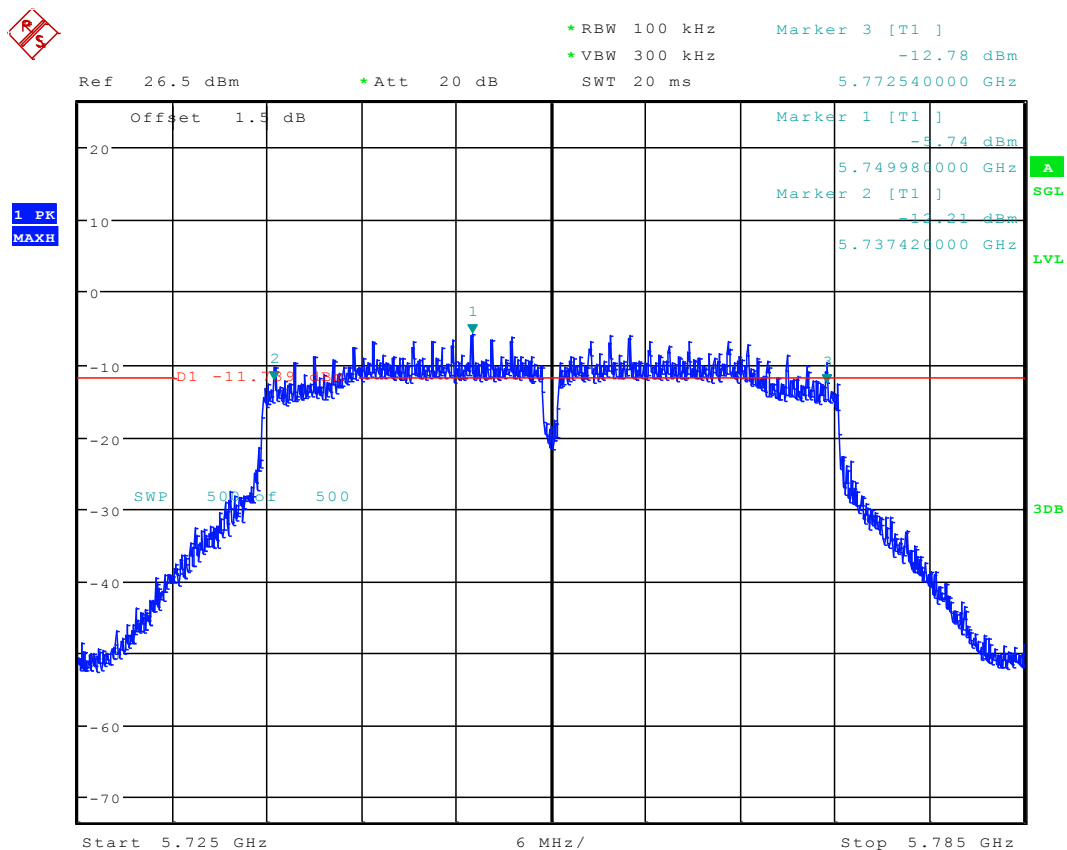
Date: 26.JAN.2018 17:50:23

4.33 11AC40MIMO_151 ANT 1



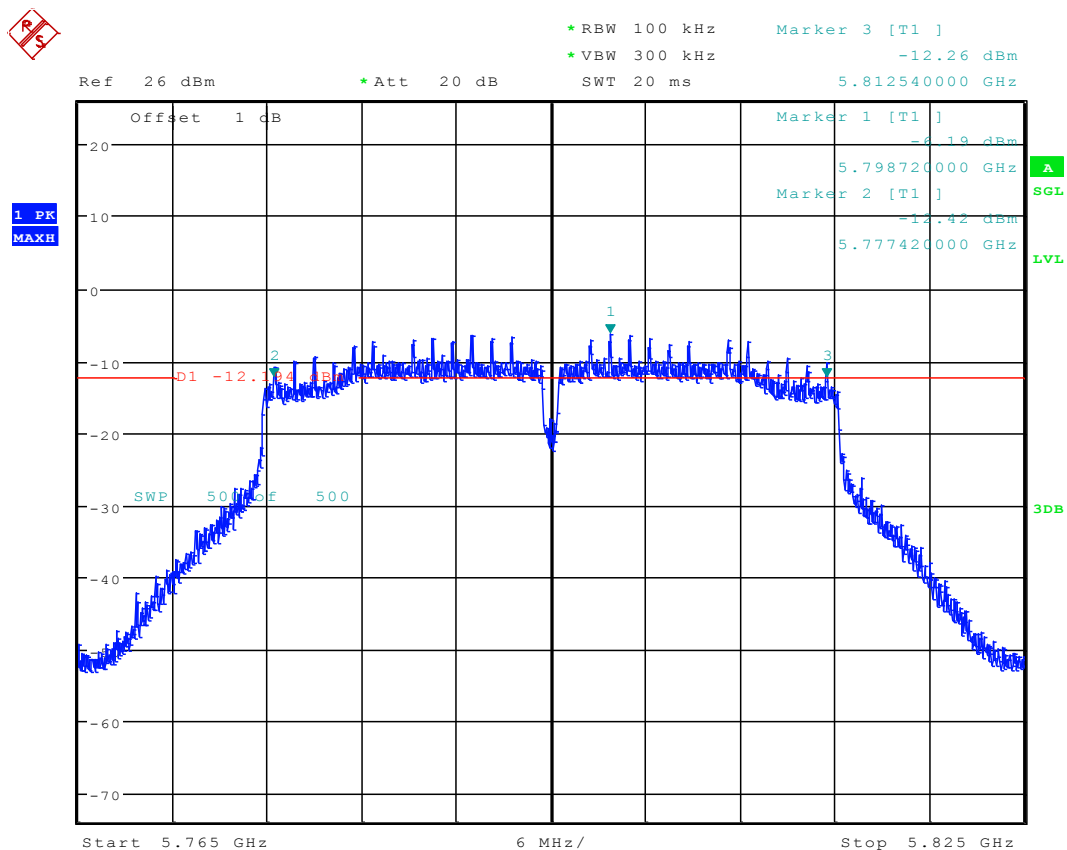
Date: 23.JAN.2018 16:24:19

4.34 11AC40MIMO_151 ANT 2



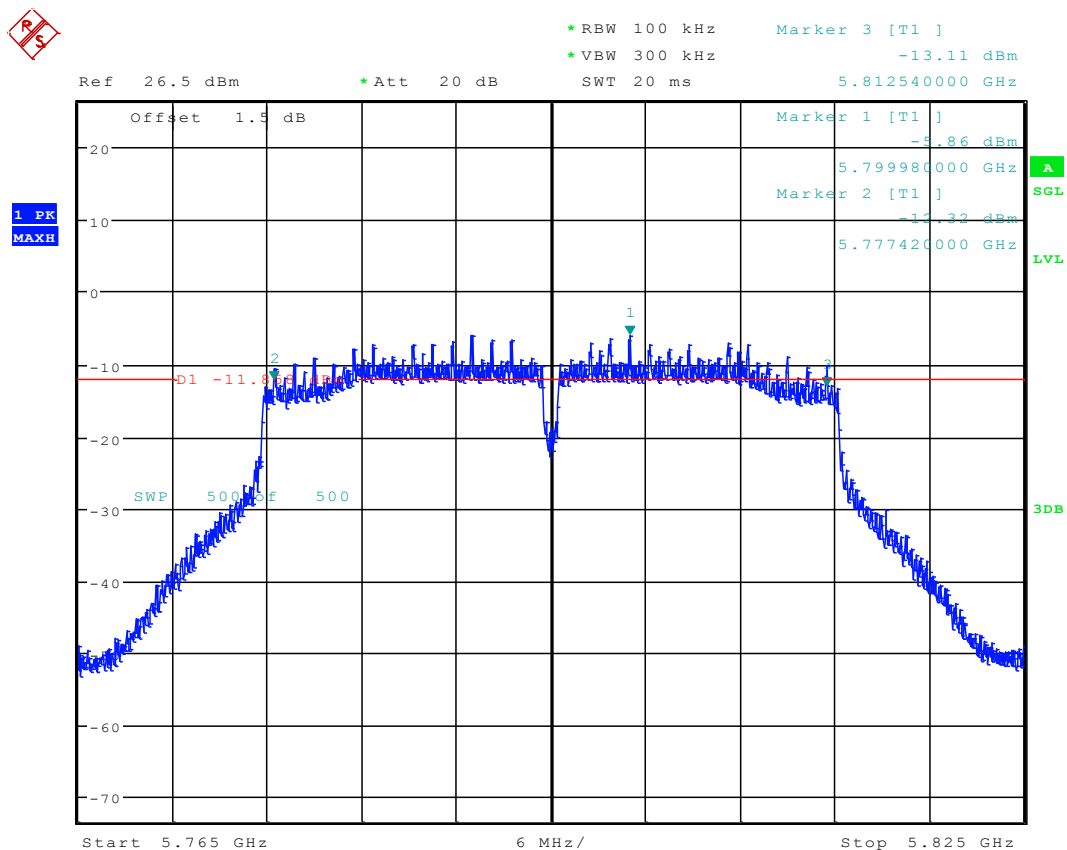
Date: 26.JAN.2018 16:15:47

4.35 11AC40MIMO_159 ANT 1



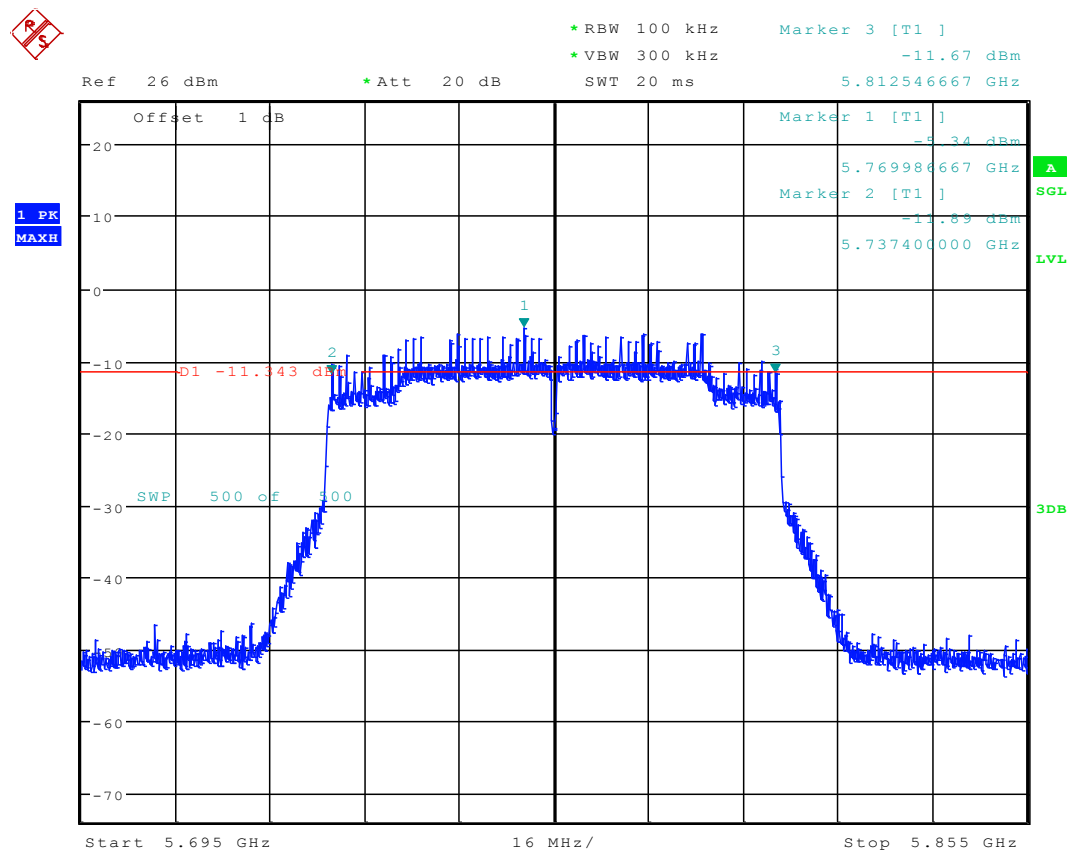
Date: 23.JAN.2018 16:37:41

4.36 11AC40MIMO_159 ANT 2



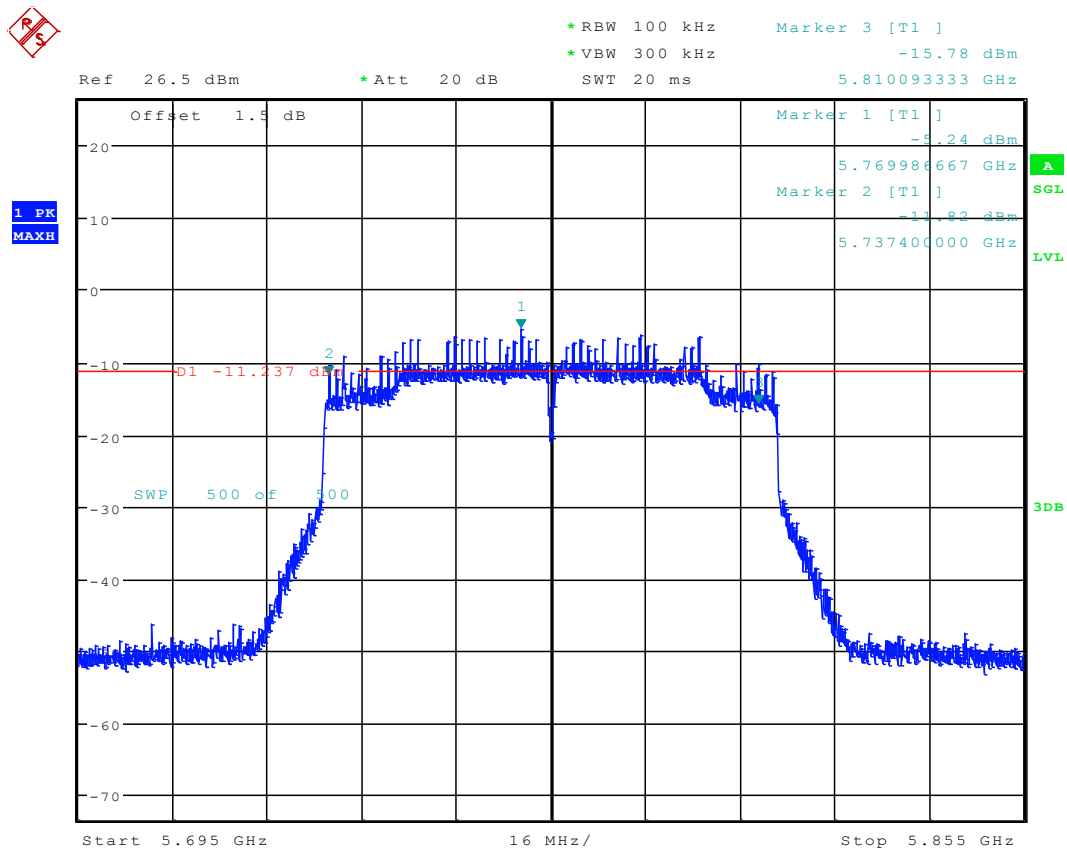
Date: 26.JAN.2018 16:25:13

4.37 11AC80_155 ANT 1



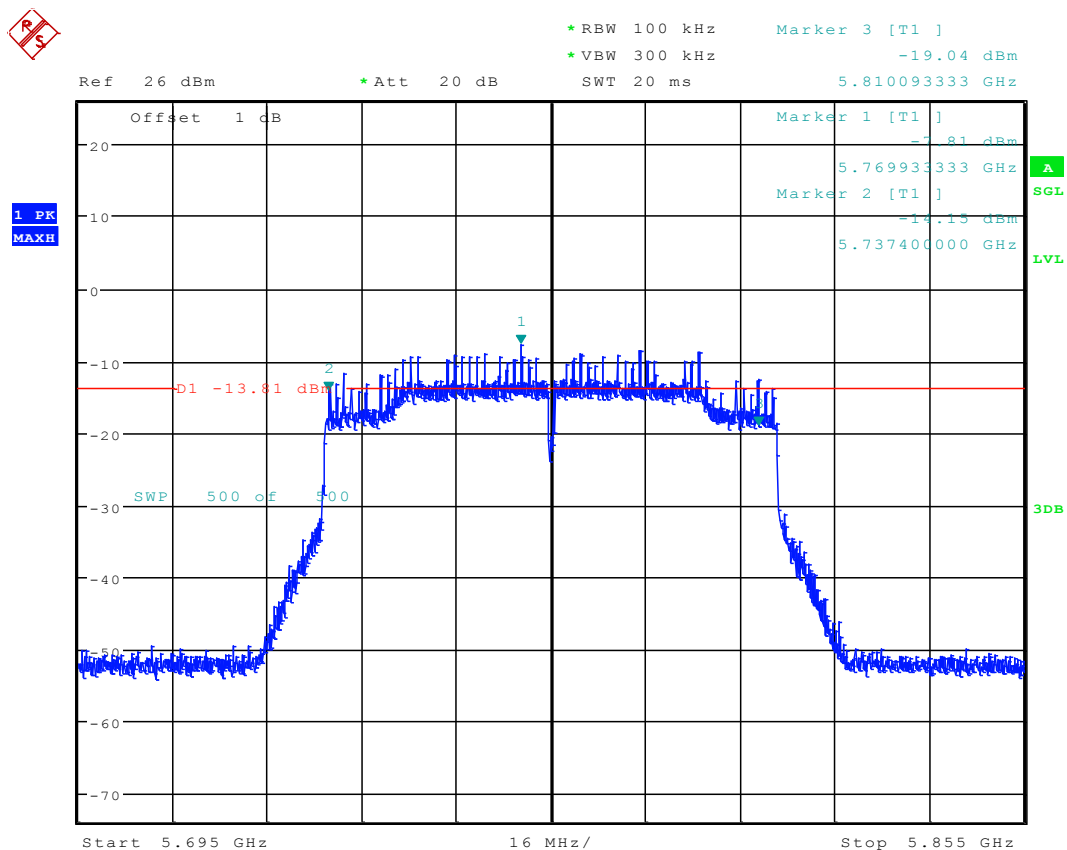
Date: 22.JAN.2018 17:50:01

4.38 11AC80_155 ANT 2



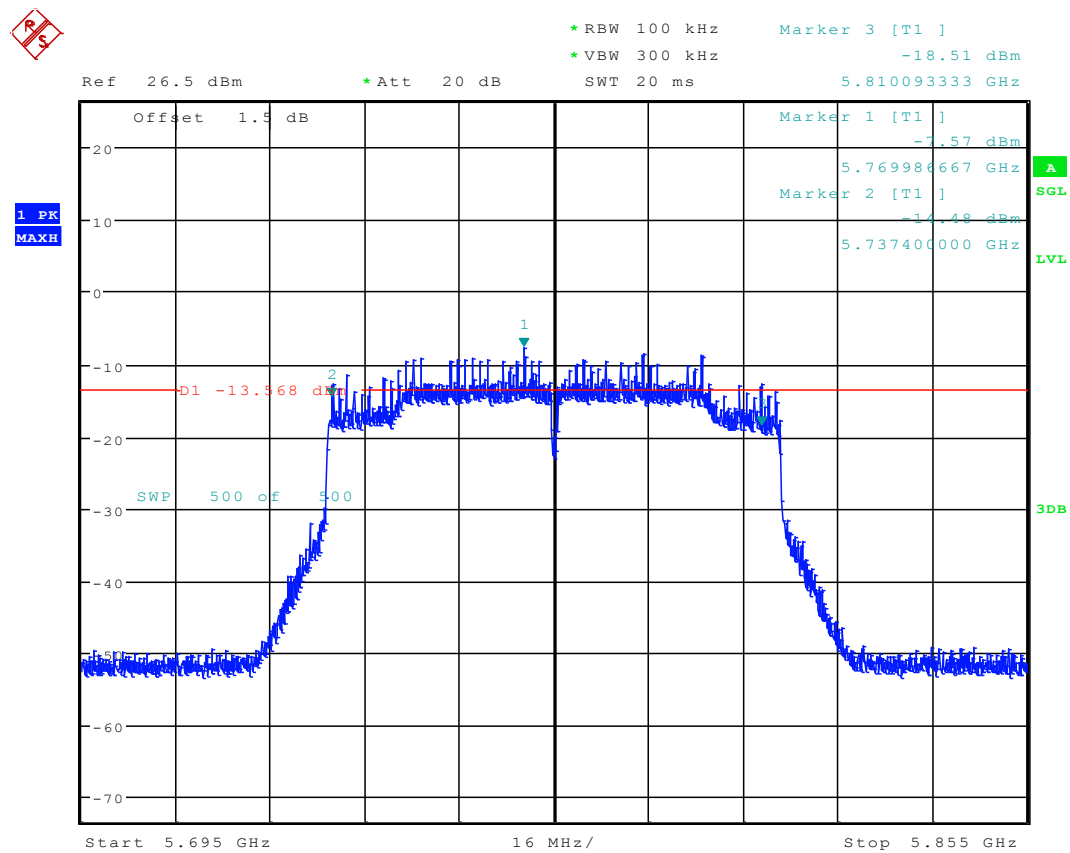
Date: 26.JAN.2018 18:10:33

4.39 11AC80MIMO_155 ANT 1



Date: 23.JAN.2018 17:04:44

4.40 11AC80MIMO_155 ANT 2



Date: 26.JAN.2018 16:59:51

Appendix B Occupied Bandwidth (OBW)

5 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Occupied Bandwidth [MHz]	Verdict
11A20	36	5180	ANT 1	16.88	PASS
	36	5180	ANT 2	16.88	PASS
	48	5240	ANT 1	16.86	PASS
	48	5240	ANT 2	16.86	PASS
	52	5260	ANT 1	16.86	PASS
	52	5260	ANT 2	16.86	PASS
	64	5320	ANT 1	16.88	PASS
	64	5320	ANT 2	16.86	PASS
	100	5500	ANT 1	16.86	PASS
	100	5500	ANT 2	16.86	PASS
	140	5700	ANT 1	16.82	PASS
	140	5700	ANT 2	16.84	PASS
	144	5720	ANT 1	16.86	PASS
	144	5720	ANT 2	16.84	PASS
	149	5745	ANT 1	16.84	PASS
	149	5745	ANT 2	18.68	PASS
	165	5825	ANT 1	16.84	PASS
	165	5825	ANT 2	16.86	PASS
11N20	36	5180	ANT 1	17.96	PASS
	36	5180	ANT 2	17.96	PASS
	48	5240	ANT 1	17.94	PASS
	48	5240	ANT 2	17.92	PASS
	52	5260	ANT 1	17.92	PASS
	52	5260	ANT 2	17.94	PASS
	64	5320	ANT 1	17.96	PASS
	64	5320	ANT 2	17.96	PASS
	100	5500	ANT 1	17.94	PASS
	100	5500	ANT 2	17.96	PASS
	140	5700	ANT 1	17.94	PASS
	140	5700	ANT 2	17.94	PASS
	144	5720	ANT 1	17.92	PASS
	144	5720	ANT 2	17.94	PASS
	149	5745	ANT 1	17.92	PASS

	149	5745	ANT 2	18.78	PASS
	165	5825	ANT 1	17.94	PASS
	165	5825	ANT 2	17.94	PASS
11N20MIMO	36	5180	ANT 1	17.96	PASS
	36	5180	ANT 2	17.78	PASS
	48	5240	ANT 1	17.94	PASS
	48	5240	ANT 2	17.78	PASS
	52	5260	ANT 1	17.96	PASS
	52	5260	ANT 2	17.78	PASS
	64	5320	ANT 1	17.96	PASS
	64	5320	ANT 2	17.78	PASS
	100	5500	ANT 1	17.94	PASS
	100	5500	ANT 2	17.78	PASS
	140	5700	ANT 1	17.98	PASS
	140	5700	ANT 2	17.8	PASS
	144	5720	ANT 1	17.96	PASS
	144	5720	ANT 2	17.78	PASS
	149	5745	ANT 1	17.98	PASS
	149	5745	ANT 2	18.26	PASS
	165	5825	ANT 1	17.96	PASS
	165	5825	ANT 2	17.78	PASS
11N40	38	5190	ANT 1	36.22	PASS
	38	5190	ANT 2	36.22	PASS
	46	5230	ANT 1	36.28	PASS
	46	5230	ANT 2	36.32	PASS
	54	5270	ANT 1	36.28	PASS
	54	5270	ANT 2	36.2	PASS
	62	5310	ANT 1	36.28	PASS
	62	5310	ANT 2	36.3	PASS
	102	5510	ANT 1	36.12	PASS
	102	5510	ANT 2	36.48	PASS
	134	5670	ANT 1	36.32	PASS
	134	5670	ANT 2	36.28	PASS
	142	5710	ANT 1	36.18	PASS
	142	5710	ANT 2	36.3	PASS
	151	5755	ANT 1	36.28	PASS
	151	5755	ANT 2	36.25	PASS
	159	5795	ANT 1	36.28	PASS
	159	5795	ANT 2	36.22	PASS
11N40MIMO	38	5190	ANT 1	36.32	PASS
	38	5190	ANT 2	36.14	PASS

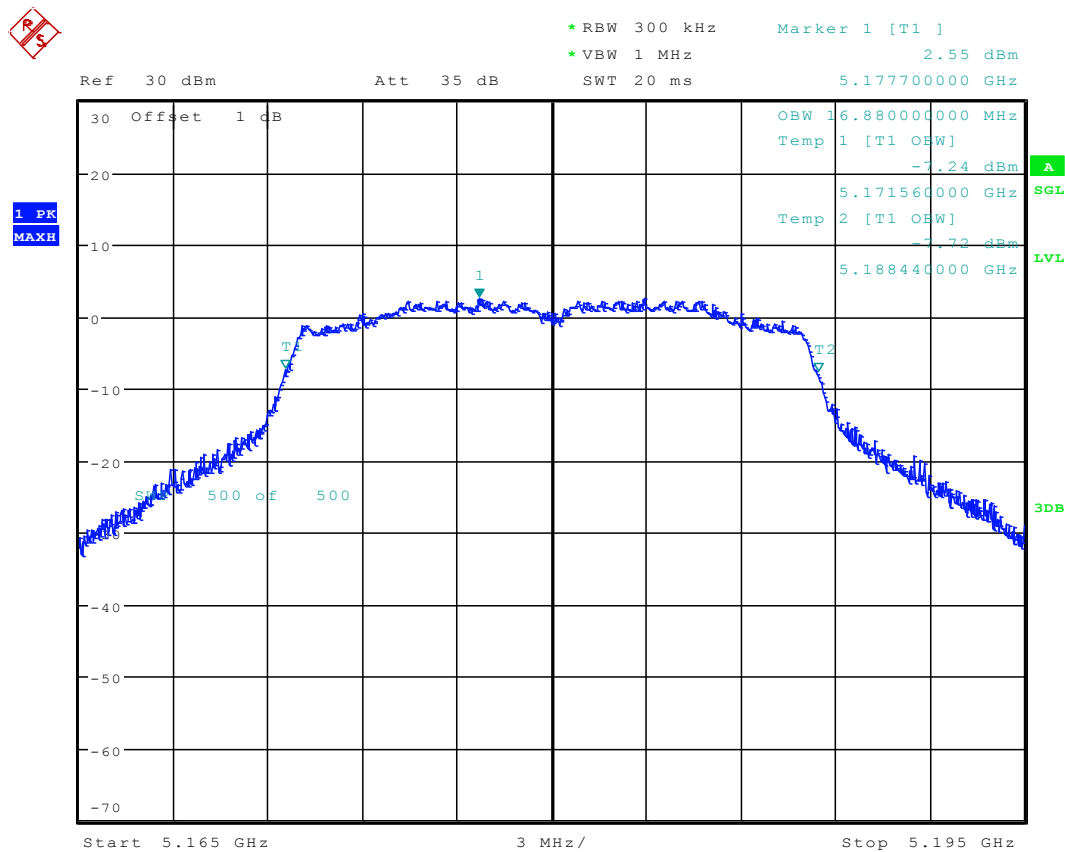
	46	5230	ANT 1	36.32	PASS
	46	5230	ANT 2	36.16	PASS
	54	5270	ANT 1	36.34	PASS
	54	5270	ANT 2	36.16	PASS
	62	5310	ANT 1	36.34	PASS
	62	5310	ANT 2	36.18	PASS
	102	5510	ANT 1	36.3	PASS
	102	5510	ANT 2	36.16	PASS
	134	5670	ANT 1	36.3	PASS
	134	5670	ANT 2	36.14	PASS
	142	5710	ANT 1	36.3	PASS
	142	5710	ANT 2	36.16	PASS
	151	5755	ANT 1	36.3	PASS
	151	5755	ANT 2	36.36	PASS
	159	5795	ANT 1	36.32	PASS
	159	5795	ANT 2	36.18	PASS
11AC20	36	5180	ANT 1	17.98	PASS
	36	5180	ANT 2	17.94	PASS
	48	5240	ANT 1	17.94	PASS
	48	5240	ANT 2	17.92	PASS
	52	5260	ANT 1	17.94	PASS
	52	5260	ANT 2	17.92	PASS
	64	5320	ANT 1	17.96	PASS
	64	5320	ANT 2	17.96	PASS
	100	5500	ANT 1	17.92	PASS
	100	5500	ANT 2	17.96	PASS
	140	5700	ANT 1	17.96	PASS
	140	5700	ANT 2	17.96	PASS
	144	5720	ANT 1	17.94	PASS
	144	5720	ANT 2	17.96	PASS
	149	5745	ANT 1	17.92	PASS
	149	5745	ANT 2	18.94	PASS
	165	5825	ANT 1	17.94	PASS
	165	5825	ANT 2	17.94	PASS
11AC20MIMO	36	5180	ANT 1	17.96	PASS
	36	5180	ANT 2	17.76	PASS
	48	5240	ANT 1	17.96	PASS
	48	5240	ANT 2	17.76	PASS
	52	5260	ANT 1	17.96	PASS
	52	5260	ANT 2	17.76	PASS
	64	5320	ANT 1	17.96	PASS

	64	5320	ANT 2	17.76	PASS
	100	5500	ANT 1	17.94	PASS
	100	5500	ANT 2	17.76	PASS
	140	5700	ANT 1	17.96	PASS
	140	5700	ANT 2	17.76	PASS
	144	5720	ANT 1	17.96	PASS
	144	5720	ANT 2	17.78	PASS
	149	5745	ANT 1	17.96	PASS
	149	5745	ANT 2	17.76	PASS
	165	5825	ANT 1	18	PASS
	165	5825	ANT 2	17.76	PASS
11AC40	38	5190	ANT 1	36.3	PASS
	38	5190	ANT 2	36.28	PASS
	46	5230	ANT 1	36.28	PASS
	46	5230	ANT 2	36.24	PASS
	54	5270	ANT 1	36.3	PASS
	54	5270	ANT 2	36.26	PASS
	62	5310	ANT 1	36.32	PASS
	62	5310	ANT 2	36.3	PASS
	102	5510	ANT 1	36.32	PASS
	102	5510	ANT 2	36.64	PASS
	134	5670	ANT 1	36.28	PASS
	134	5670	ANT 2	36.28	PASS
	142	5710	ANT 1	36.28	PASS
	142	5710	ANT 2	36.28	PASS
	151	5755	ANT 1	36.26	PASS
	151	5755	ANT 2	36.84	PASS
	159	5795	ANT 1	36.3	PASS
	159	5795	ANT 2	36.32	PASS
11AC40MIMO	38	5190	ANT 1	36.28	PASS
	38	5190	ANT 2	36.12	PASS
	46	5230	ANT 1	36.28	PASS
	46	5230	ANT 2	36.14	PASS
	54	5270	ANT 1	36.32	PASS
	54	5270	ANT 2	36.12	PASS
	62	5310	ANT 1	36.32	PASS
	62	5310	ANT 2	36.16	PASS
	102	5510	ANT 1	36.32	PASS
	102	5510	ANT 2	36.14	PASS
	134	5670	ANT 1	36.3	PASS
	134	5670	ANT 2	36.12	PASS

	142	5710	ANT 1	36.3	PASS
	142	5710	ANT 2	36.14	PASS
	151	5755	ANT 1	36.32	PASS
	151	5755	ANT 2	36.16	PASS
	159	5795	ANT 1	36.32	PASS
	159	5795	ANT 2	36.16	PASS
11AC80	42	5210	ANT 1	74.88	PASS
	42	5210	ANT 2	74.84	PASS
	58	5290	ANT 1	75	PASS
	58	5290	ANT 2	75.04	PASS
	106	5530	ANT 1	75	PASS
	106	5530	ANT 2	75.36	PASS
	138	5690	ANT 1	74.92	PASS
	138	5690	ANT 2	74.92	PASS
	155	5775	ANT 1	75	PASS
	155	5775	ANT 2	75	PASS
11AC80MIMO	42	5210	ANT 1	74.92	PASS
	42	5210	ANT 2	74.88	PASS
	58	5290	ANT 1	75.04	PASS
	58	5290	ANT 2	75	PASS
	106	5530	ANT 1	75.04	PASS
	106	5530	ANT 2	75	PASS
	138	5690	ANT 1	74.92	PASS
	138	5690	ANT 2	74.88	PASS
	155	5775	ANT 1	74.96	PASS
	155	5775	ANT 2	74.92	PASS

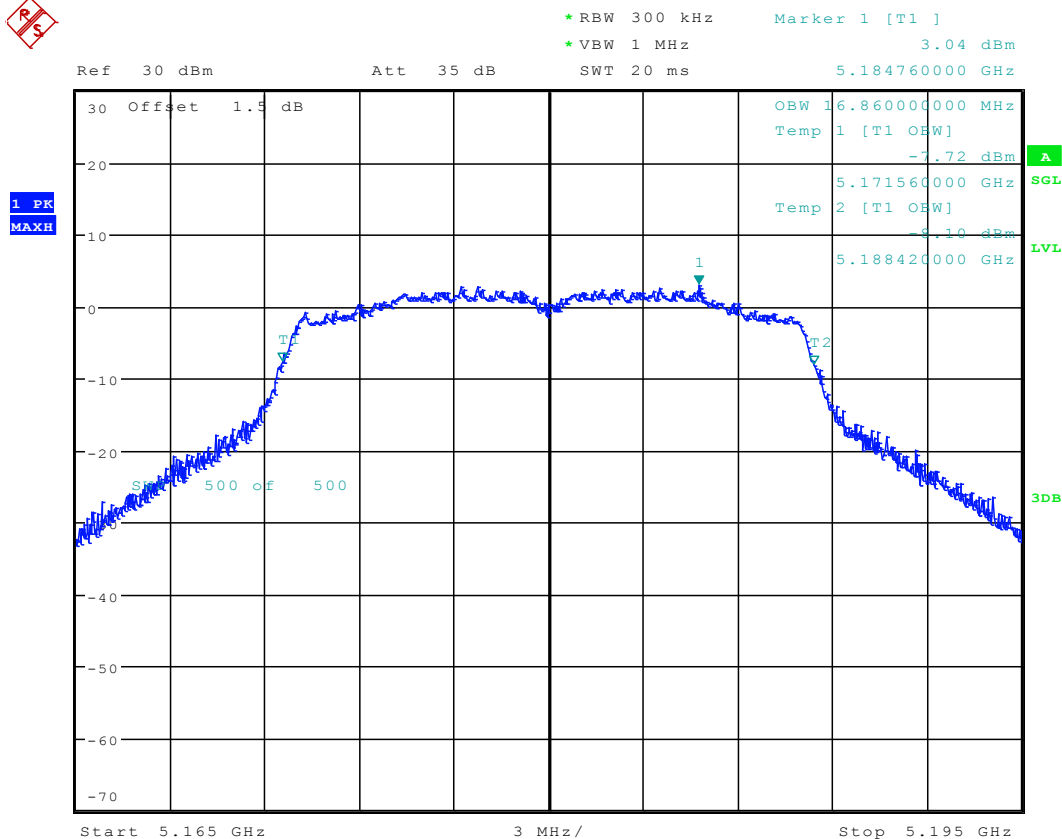
6 Test Plot

6.1 11A20_36 ANT 1



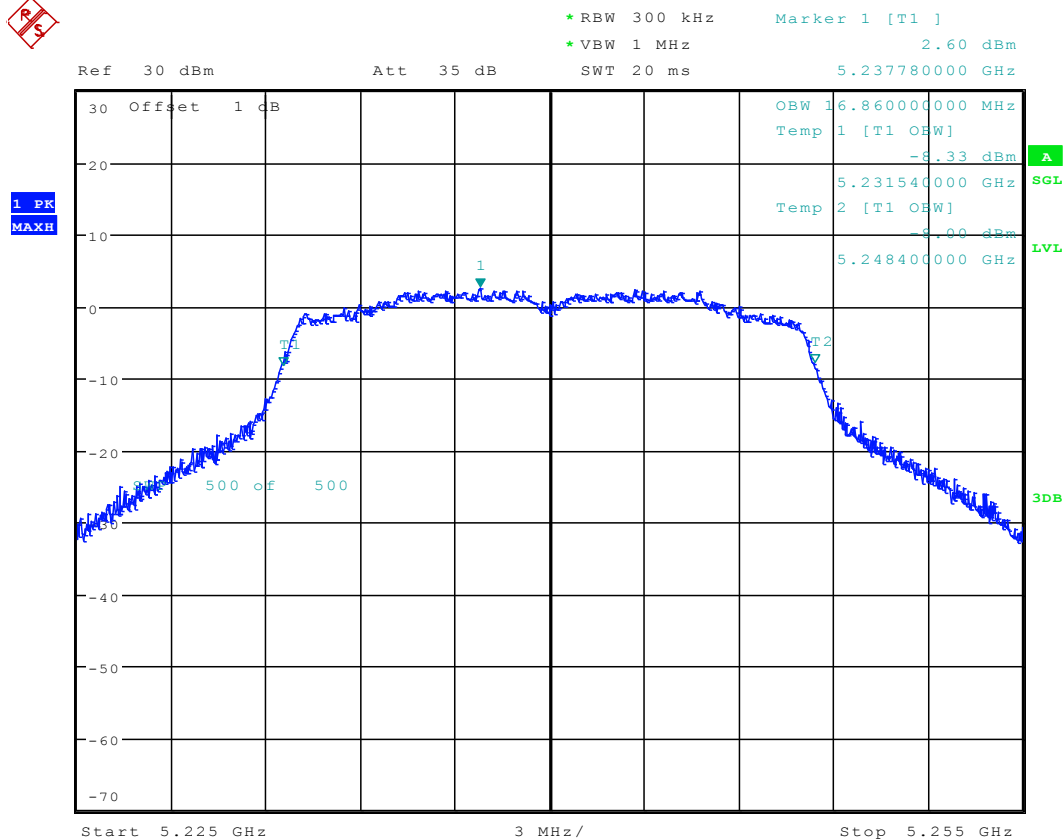
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6.2 11A20_36 ANT 2



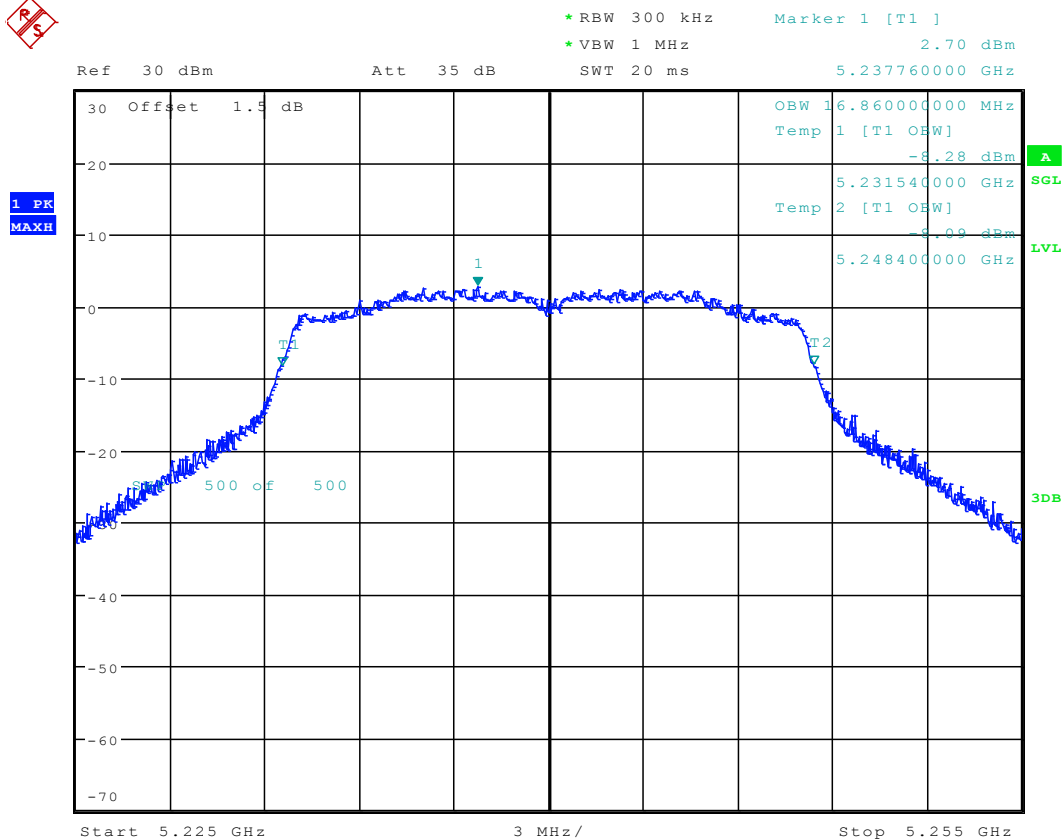
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6.3 11A20_48 ANT 1



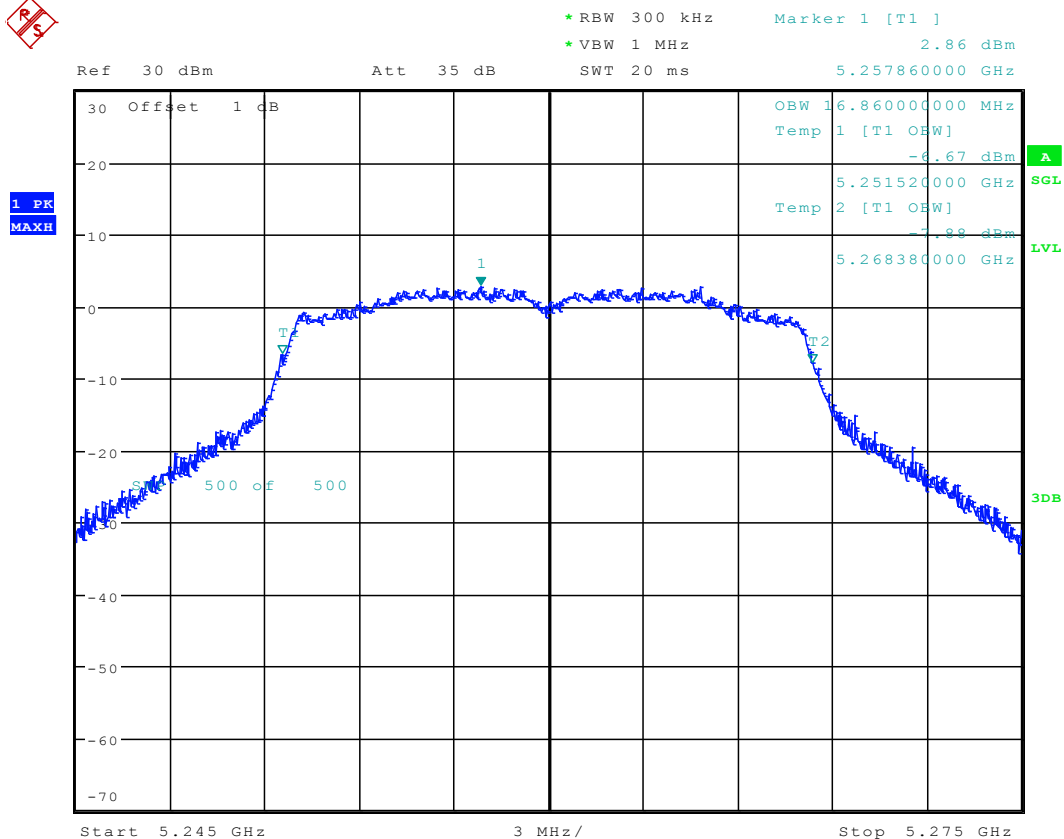
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6.4 11A20_48 ANT 2



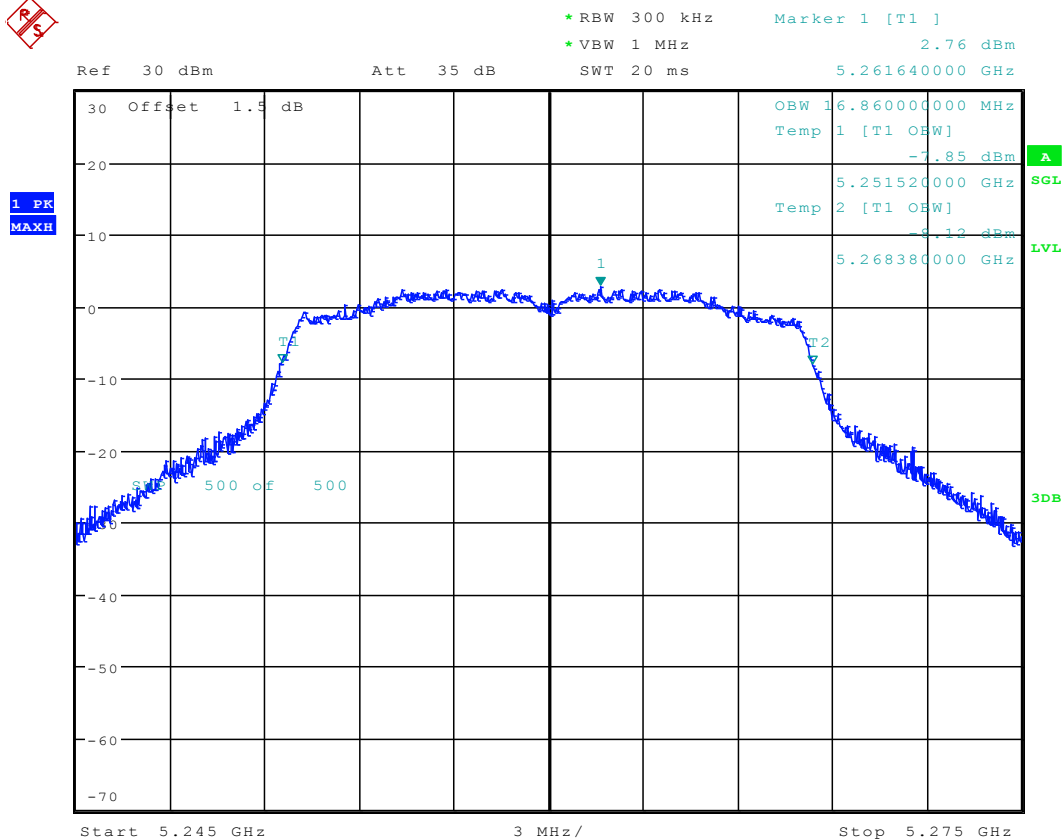
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6.5 11A20_52 ANT 1



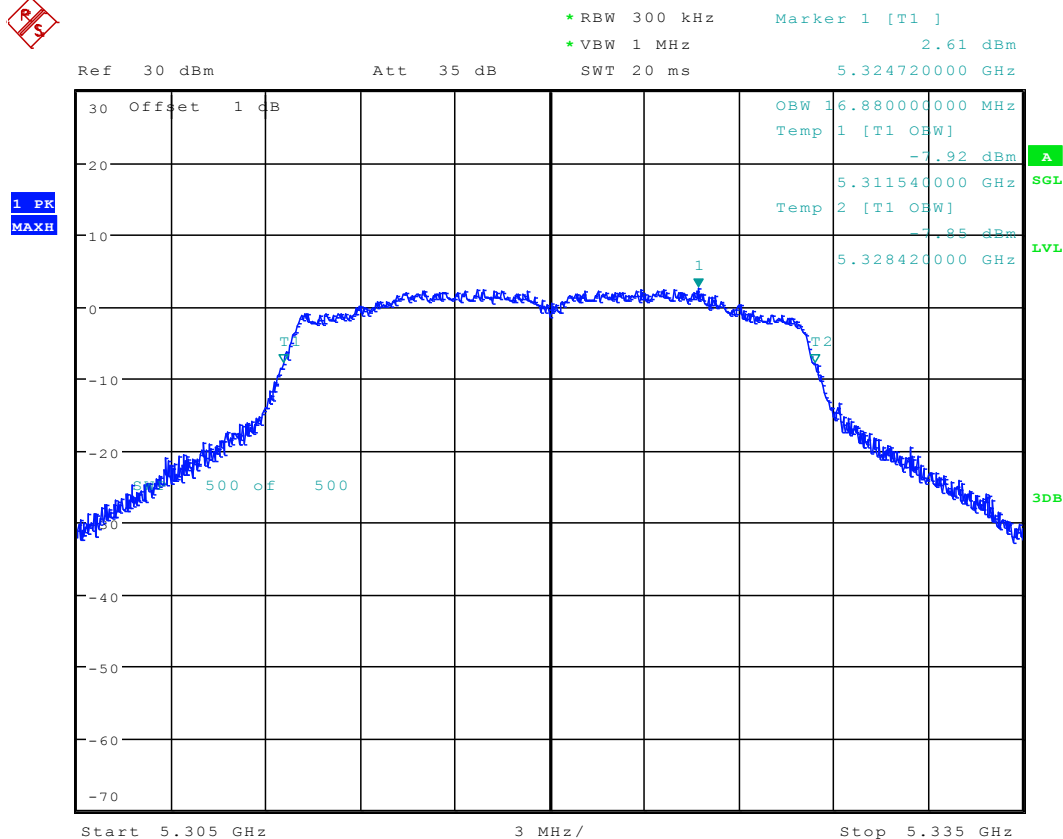
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6.6 11A20_52 ANT 2



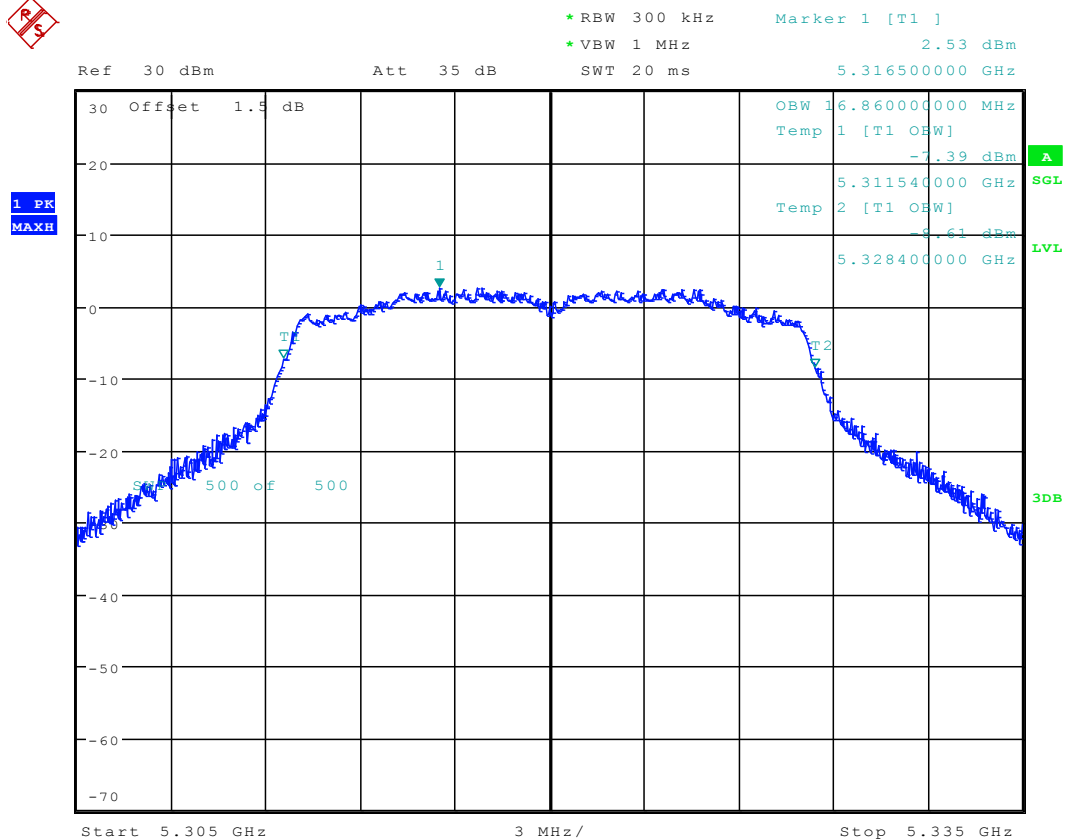
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6.7 11A20_64 ANT 1



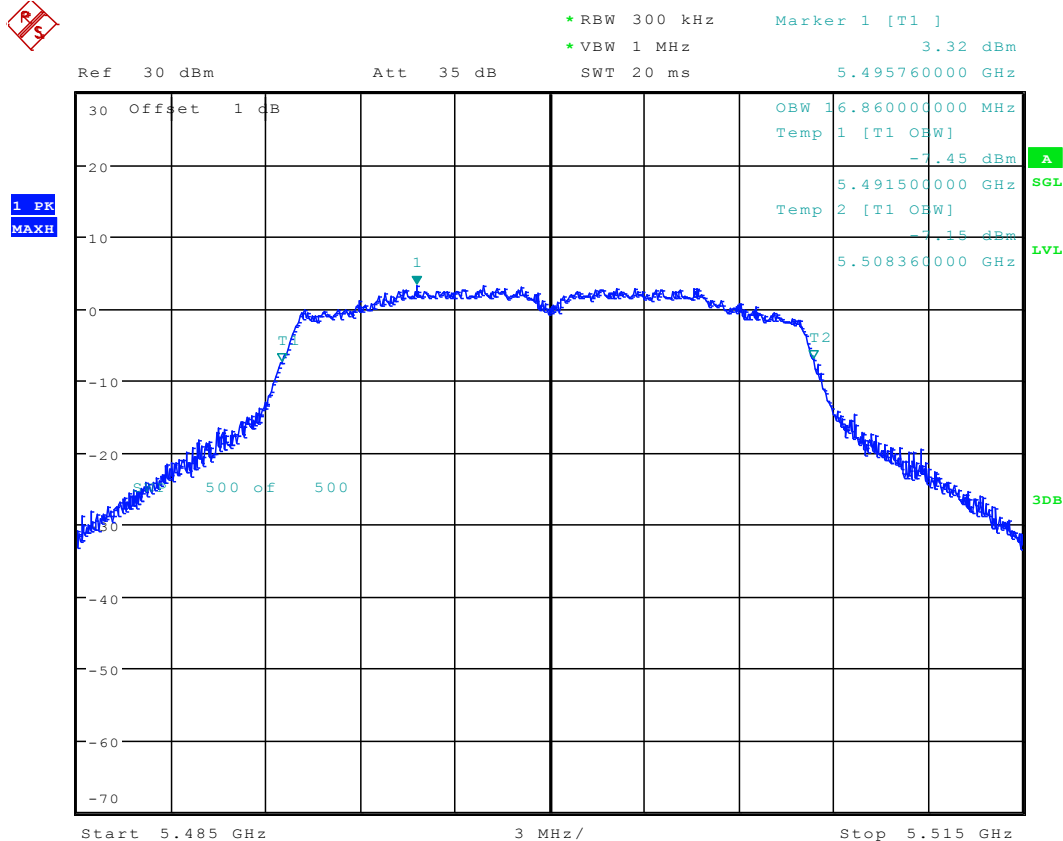
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6.8 11A20_64 ANT 2



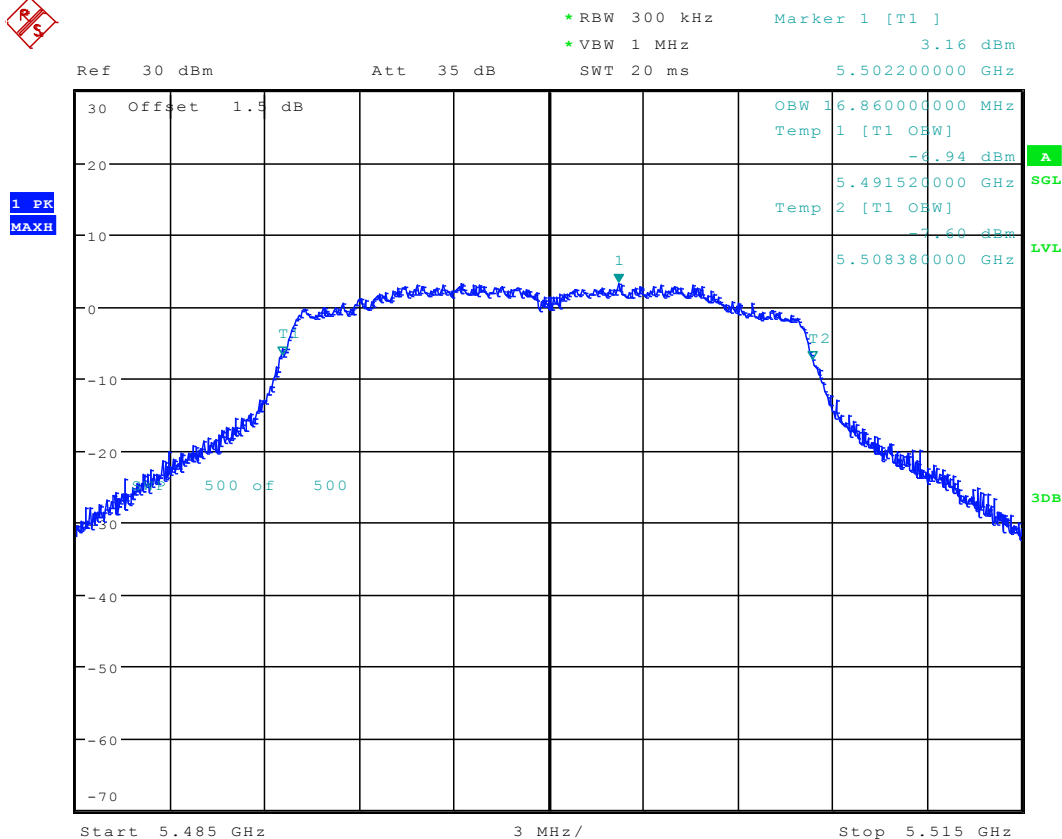
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6.9 11A20_100 ANT 1



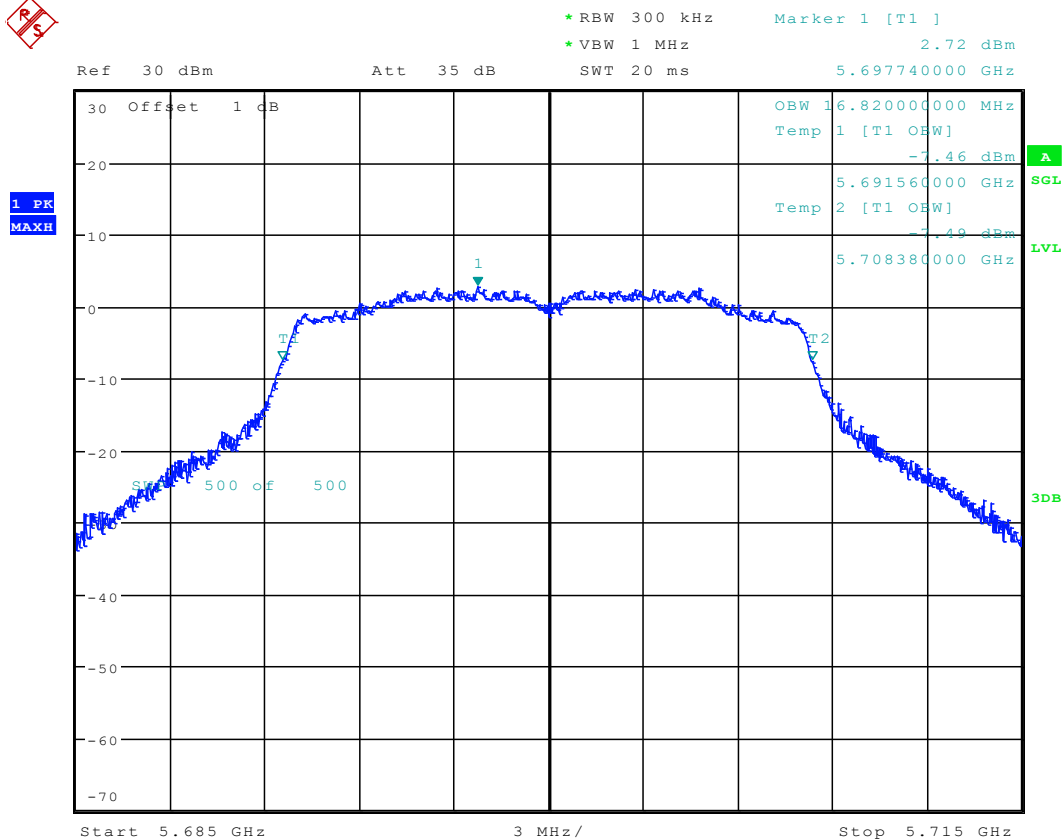
Date: 22.JAN.2018 14:29:37

6.10 11A20_100 ANT 2



Date: 24.JAN.2018 11:20:09

6.11 11A20_140 ANT 1



Date: 22.JAN.2018 14:32:44