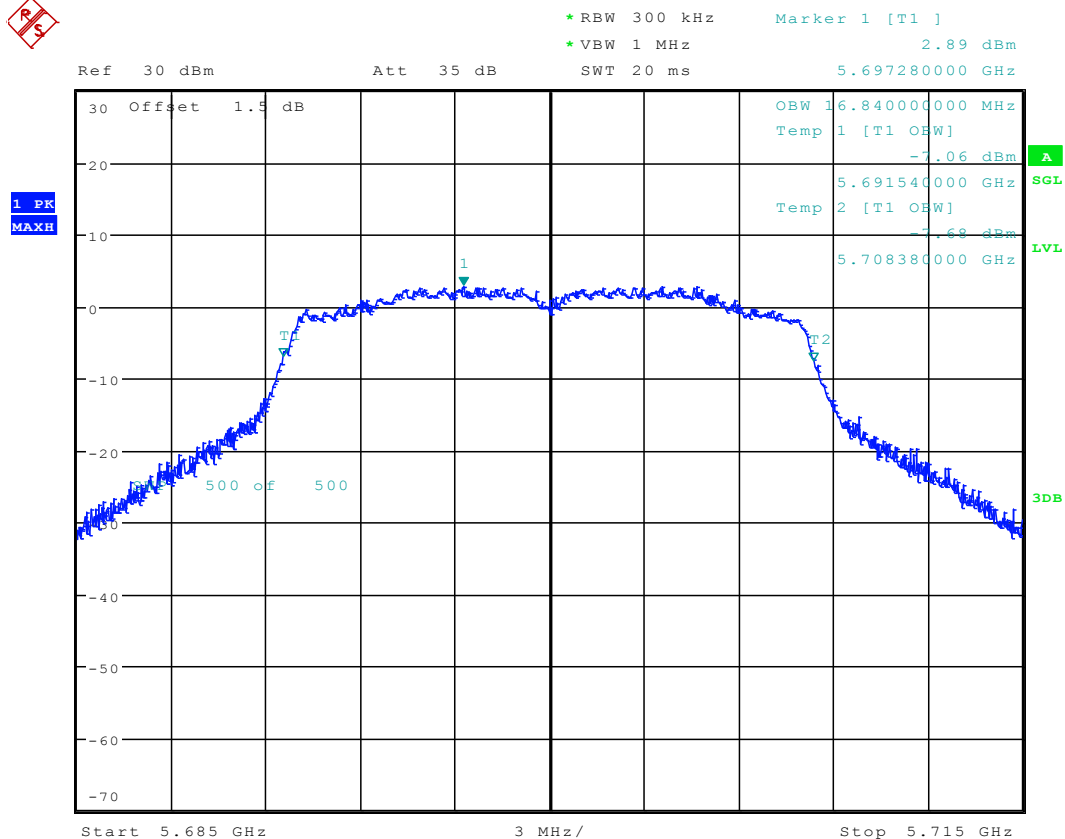
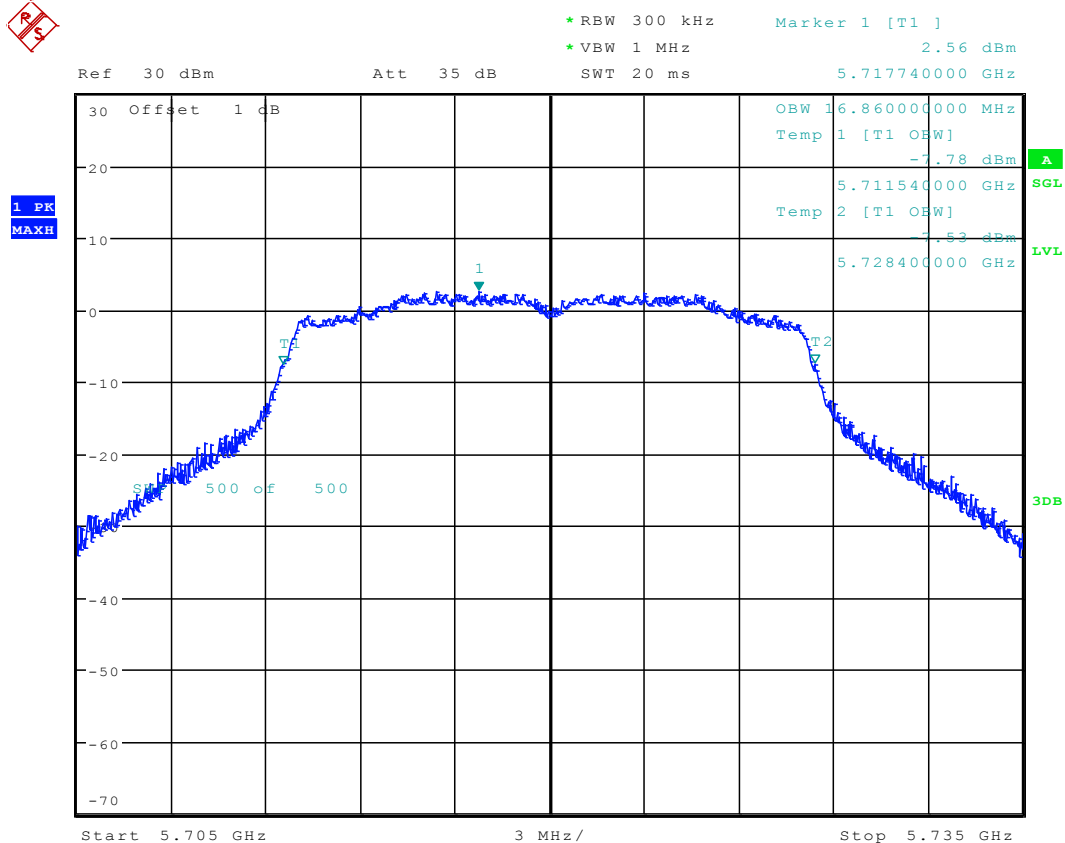


6.12 11A20_140 ANT 2



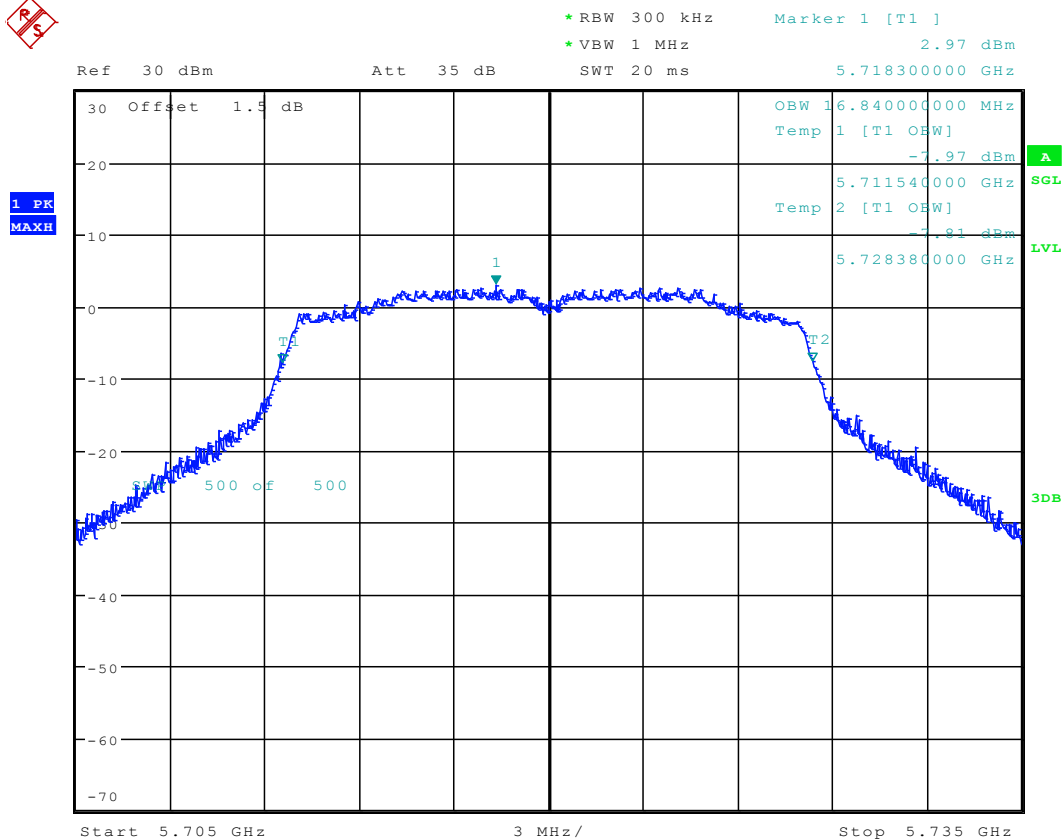
Date: 24.JAN.2018 11:23:25

6.13 11A20_144 ANT 1



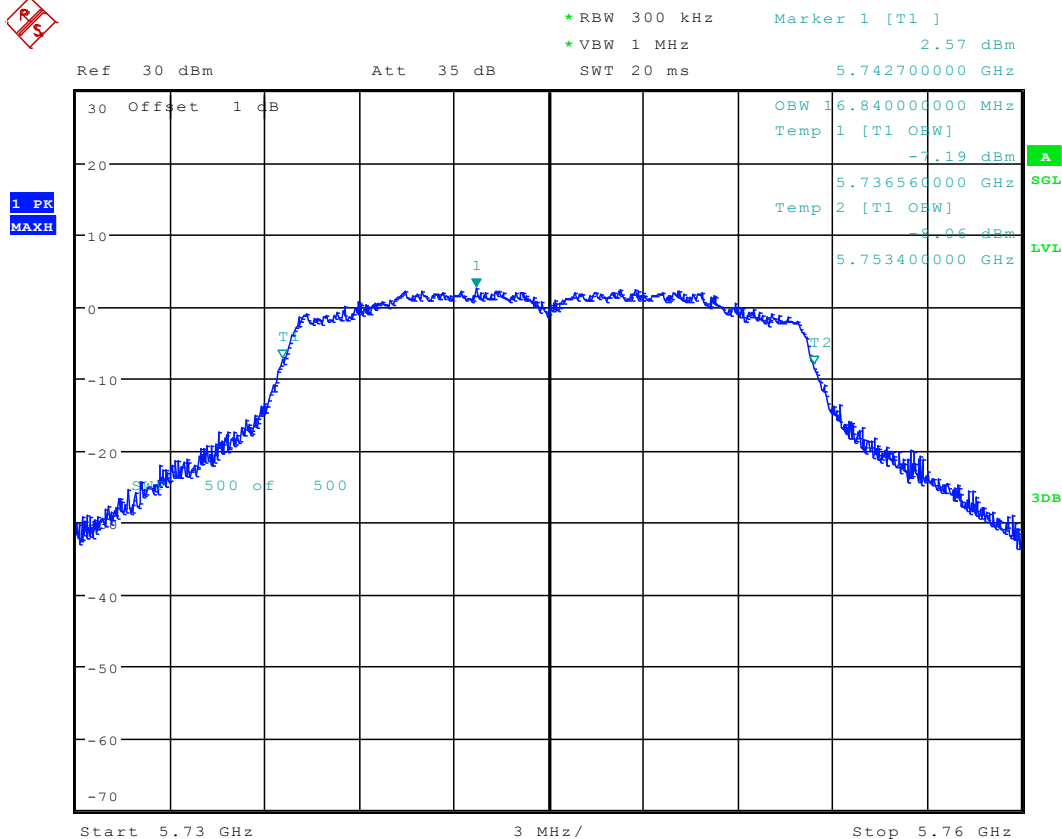
Date: 22.JAN.2018 14:35:06

6.14 11A20_144 ANT 2



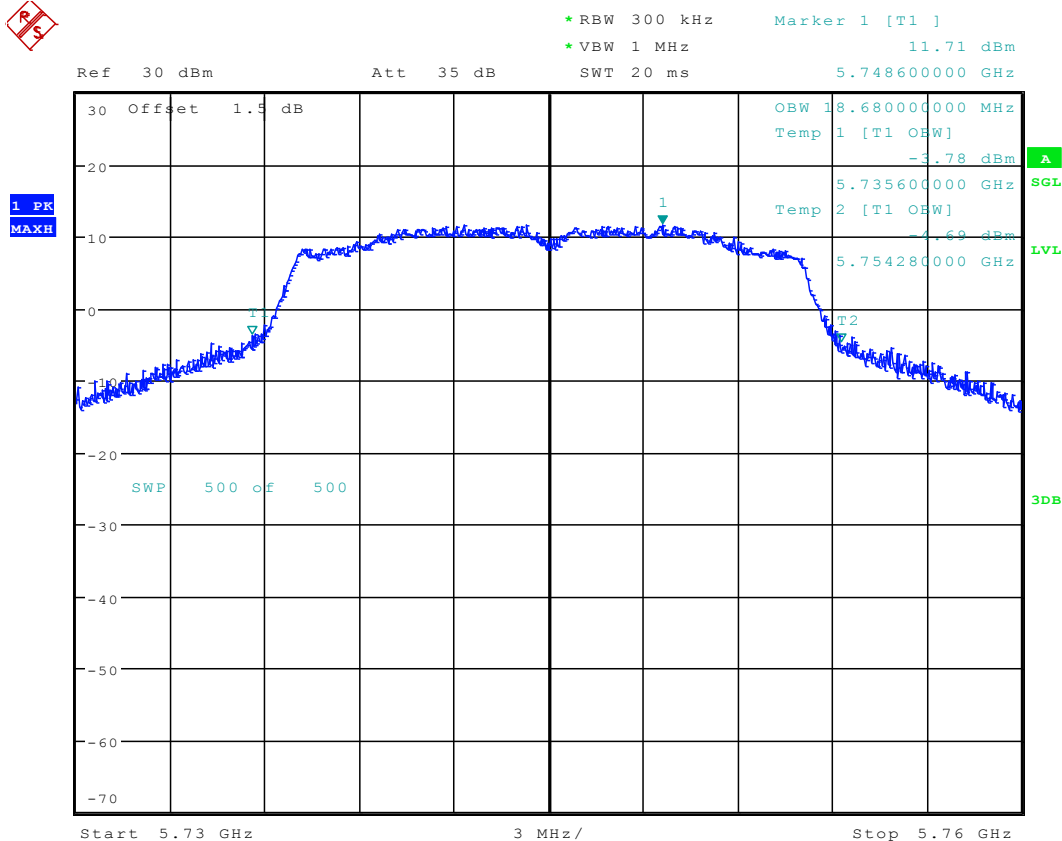
Date: 24.JAN.2018 11:26:09

6.15 11A20_149 ANT 1



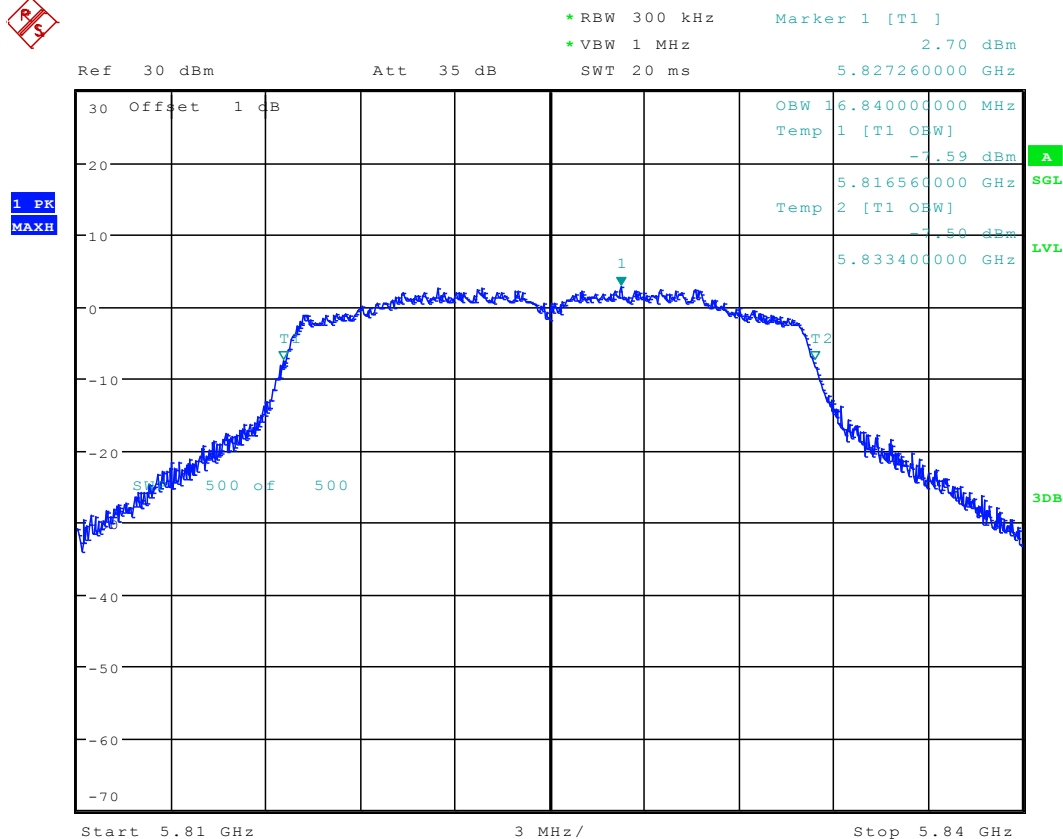
Date: 26.JAN.2018 18:28:00

6.16 11A20_149 ANT 2



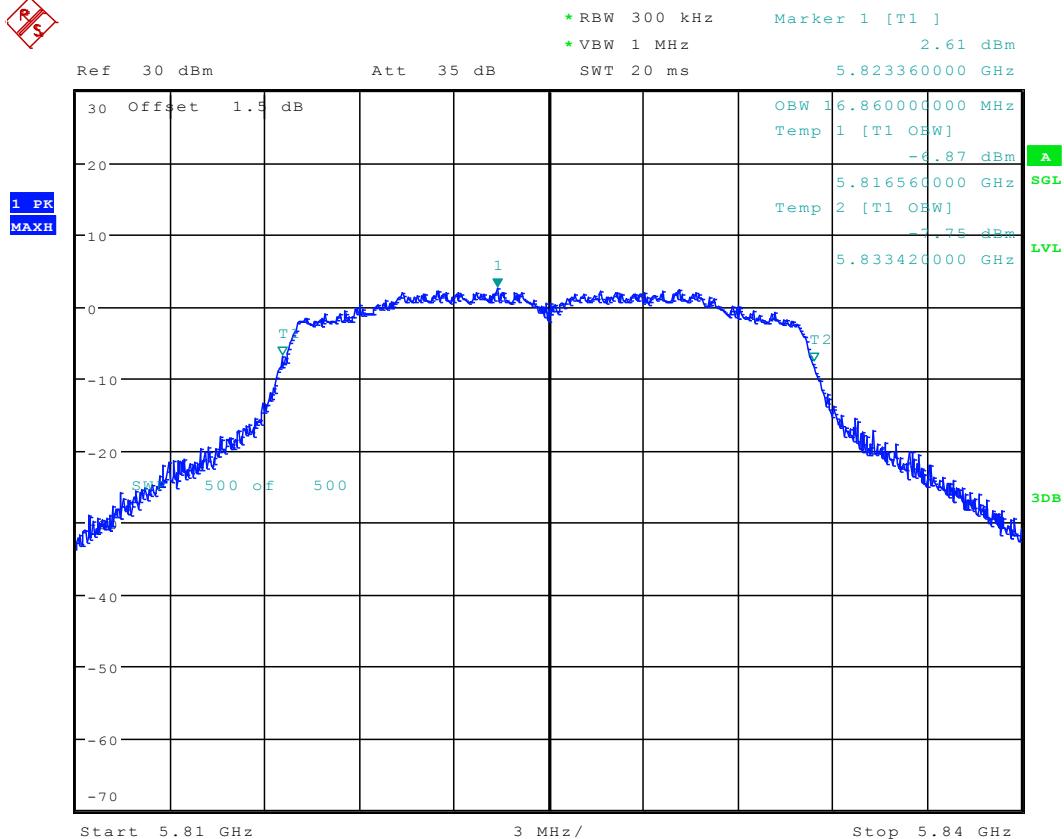
Date: 24.JAN.2018 11:30:52

6.17 11A20_165 ANT 1



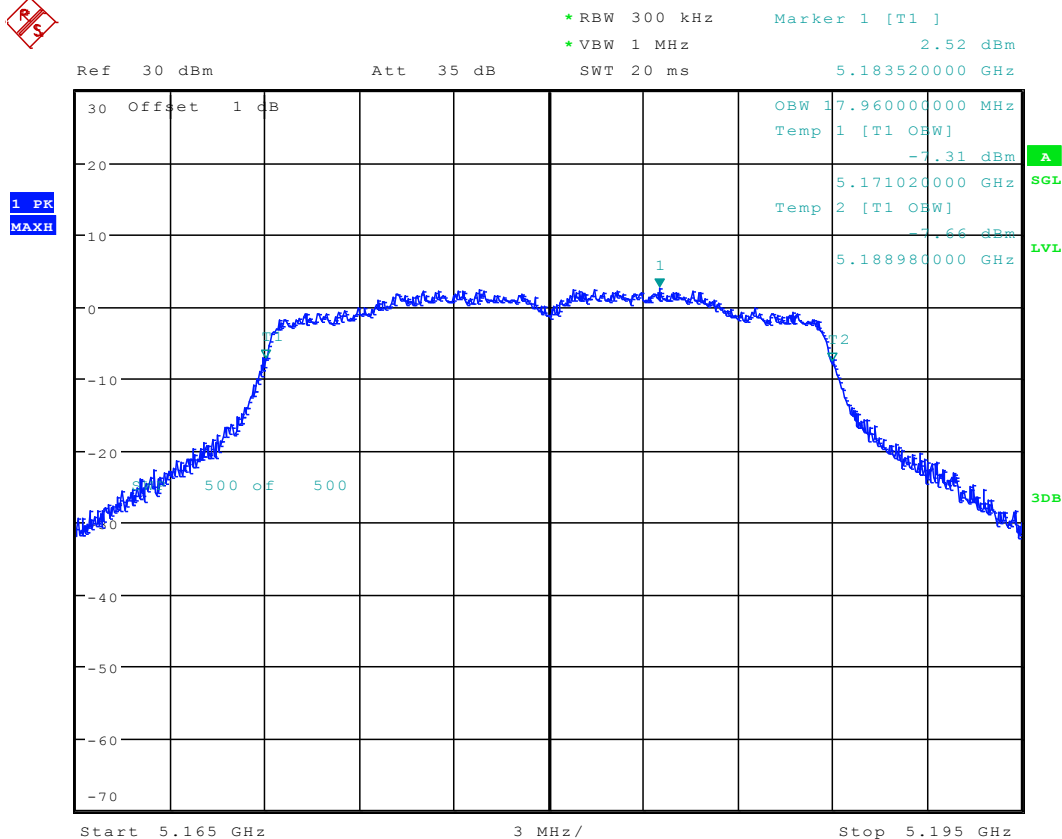
Date: 22.JAN.2018 14:47:42

6.18 11A20_165 ANT 2



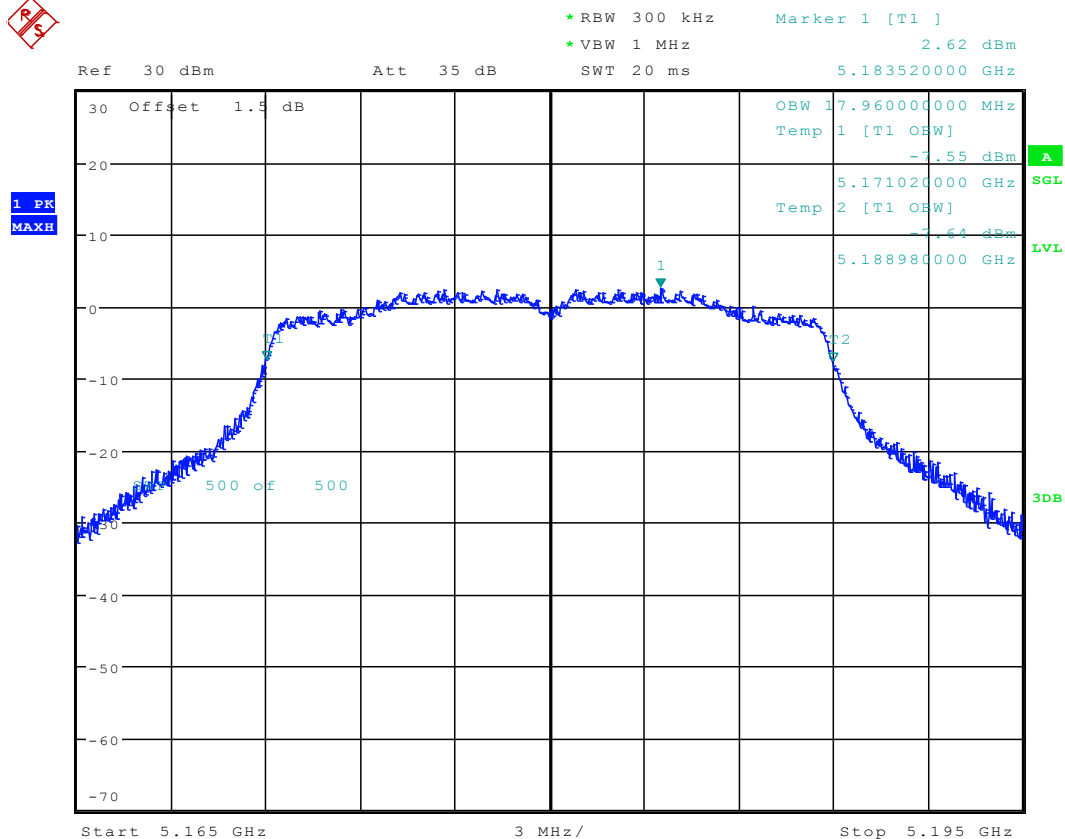
Date: 24.JAN.2018 11:36:28

6.19 11N20_36 ANT 1



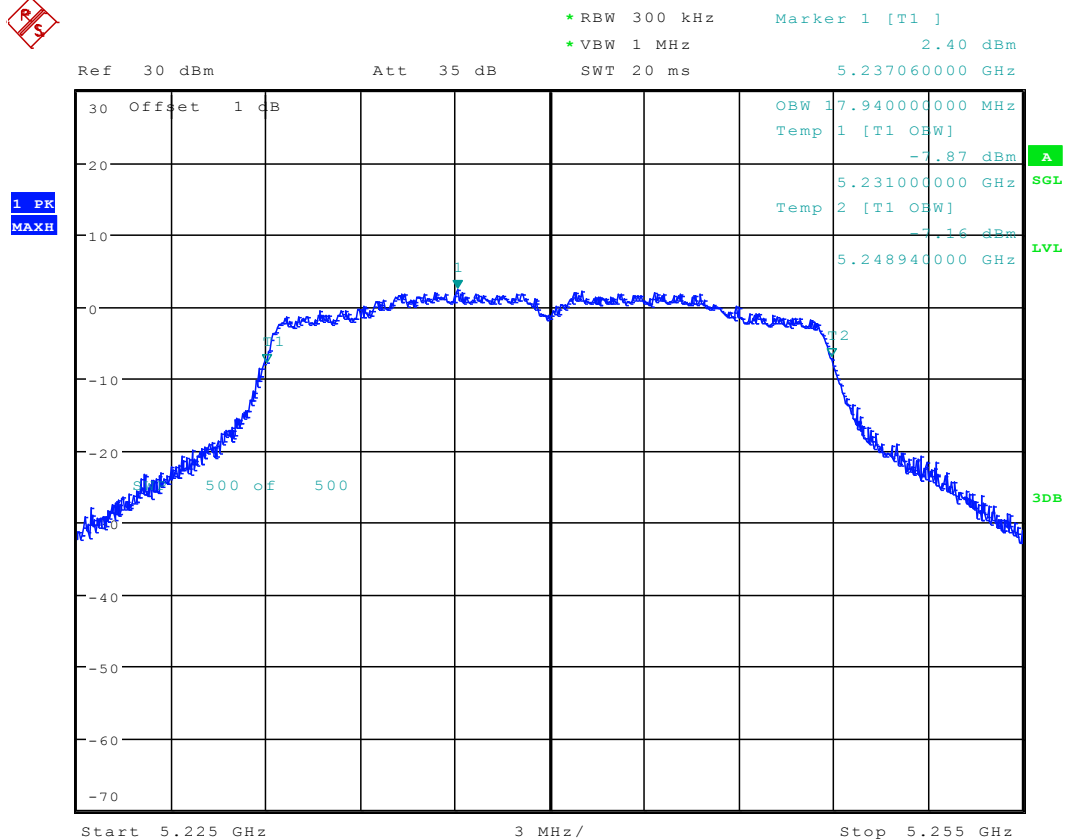
Date: 22.JAN.2018 14:51:36

6.20 11N20_36 ANT 2



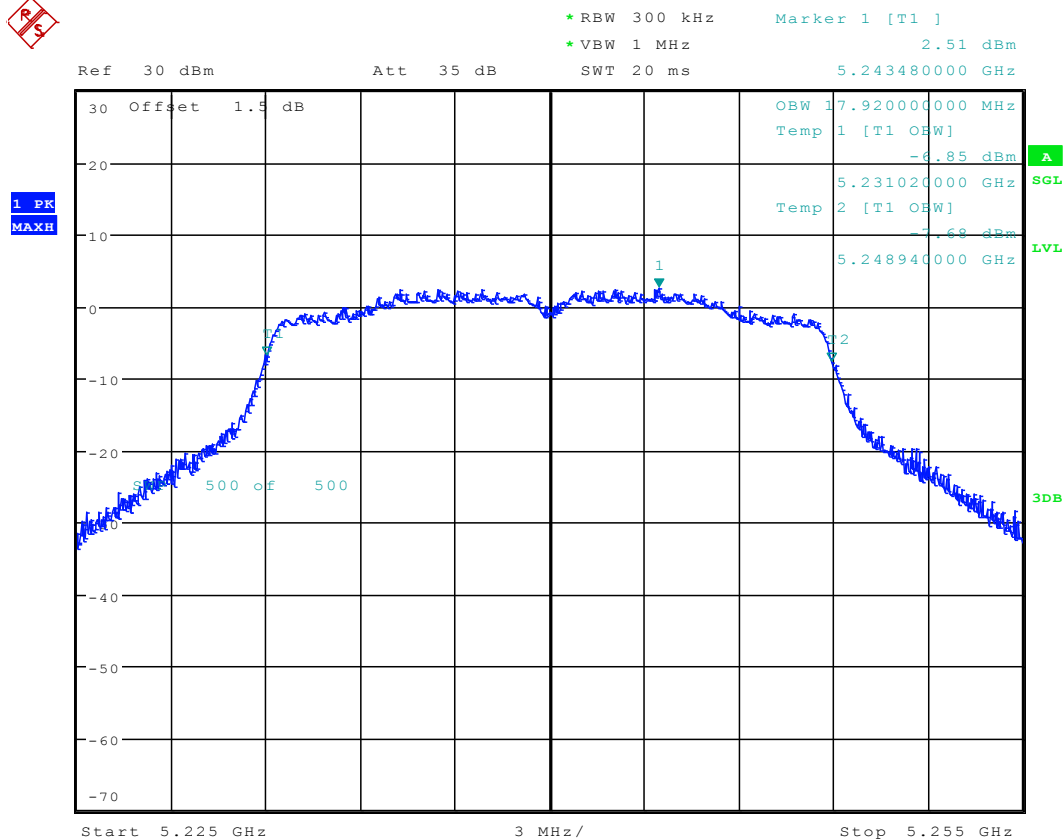
Date: 24.JAN.2018 11:43:44

6.21 11N20_48 ANT 1



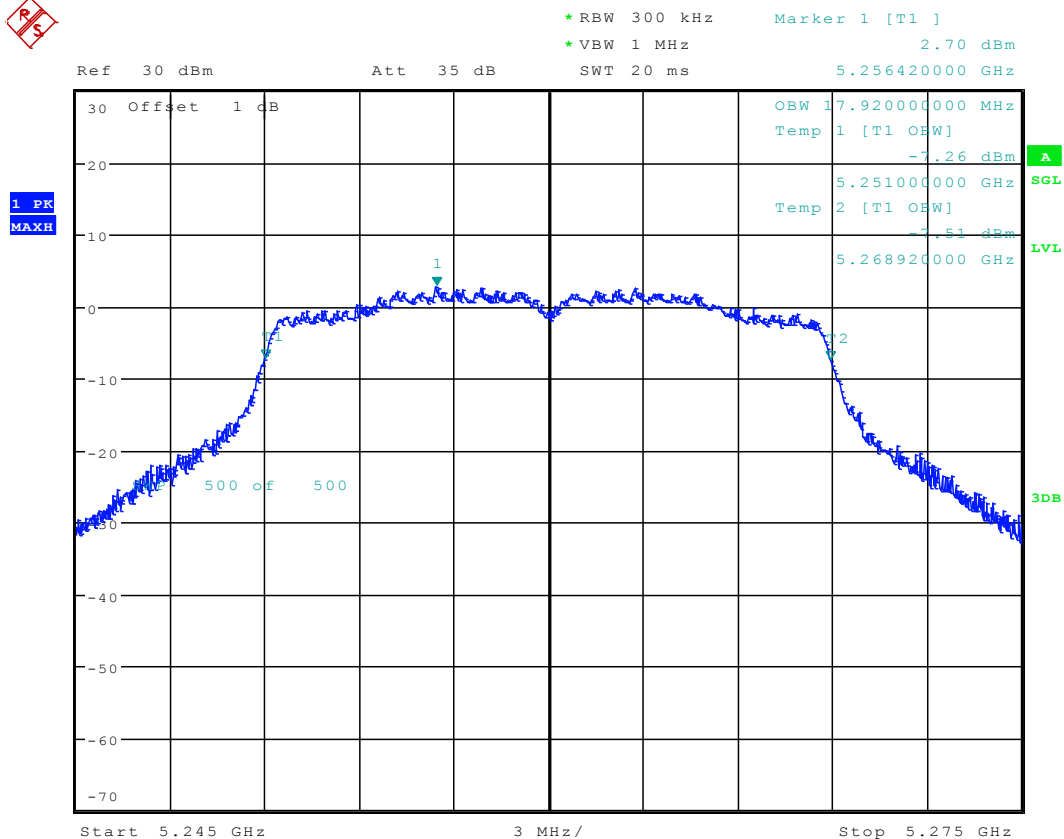
Date: 22.JAN.2018 14:54:26

6.22 11N20_48 ANT 2



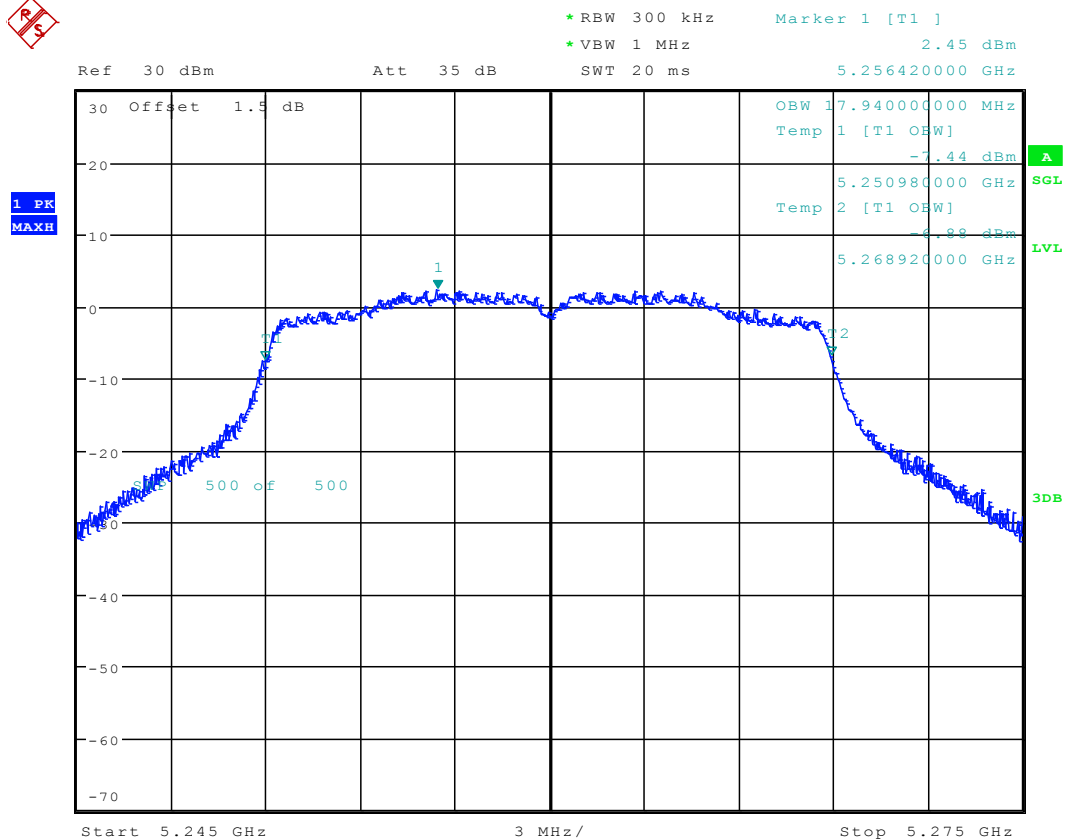
Date: 24.JAN.2018 11:47:04

6.23 11N20_52 ANT 1



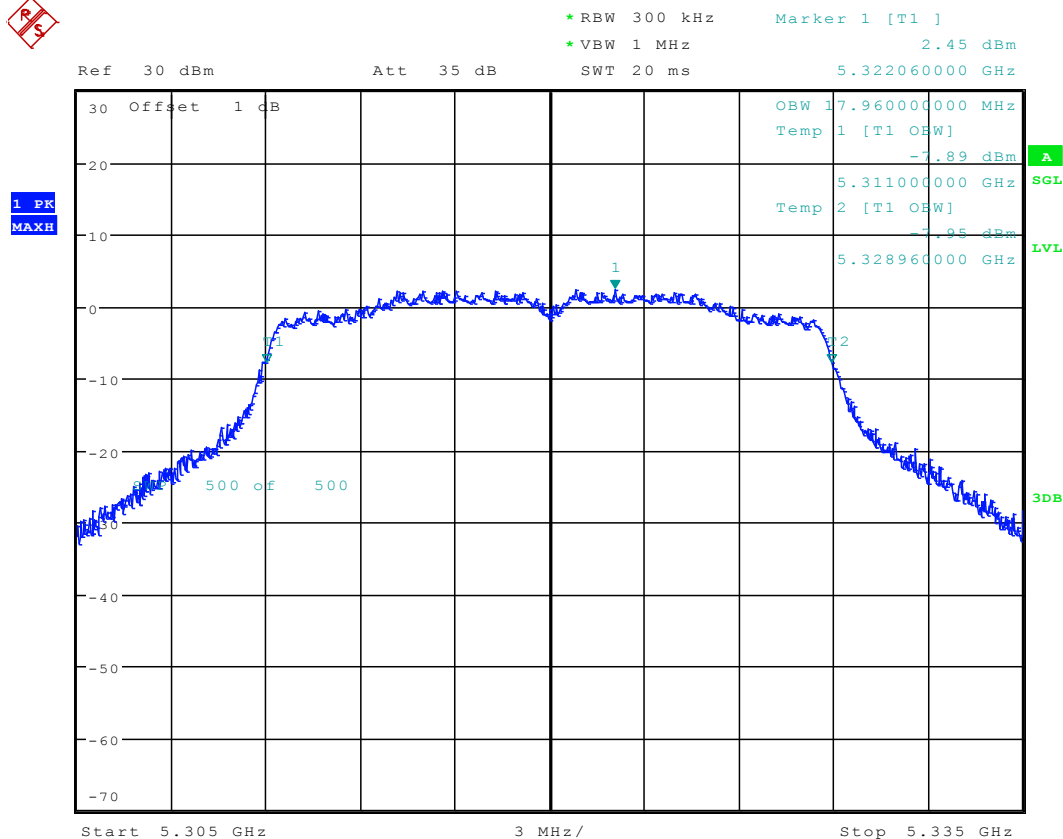
Date: 22.JAN.2018 14:56:58

6.24 11N20_52 ANT 2



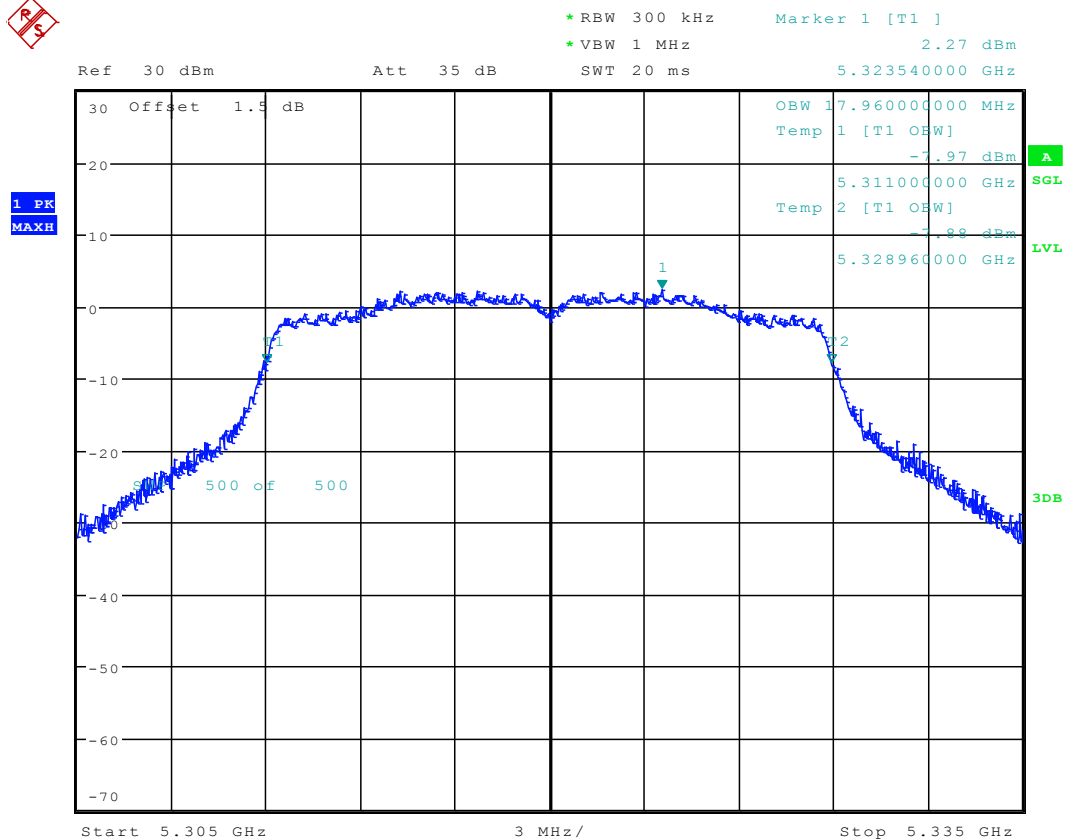
Date: 24.JAN.2018 11:49:37

6.25 11N20_64 ANT 1



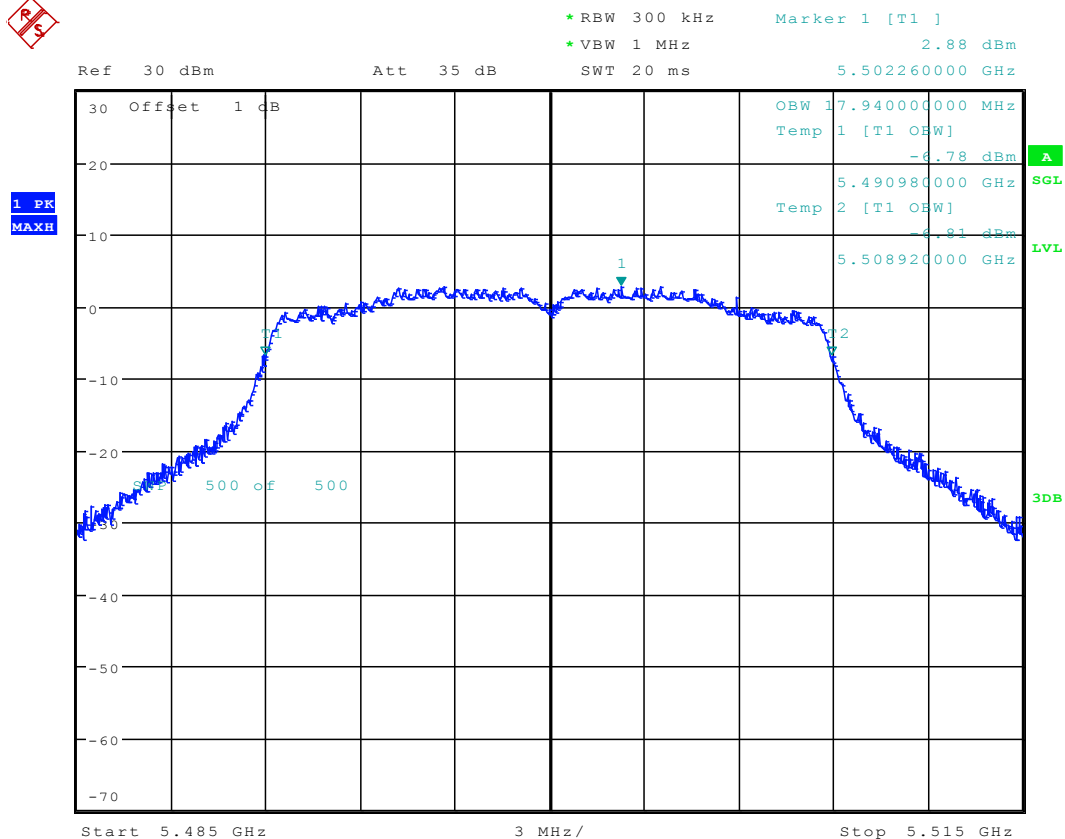
Date: 22.JAN.2018 15:02:03

6.26 11N20_64 ANT 2



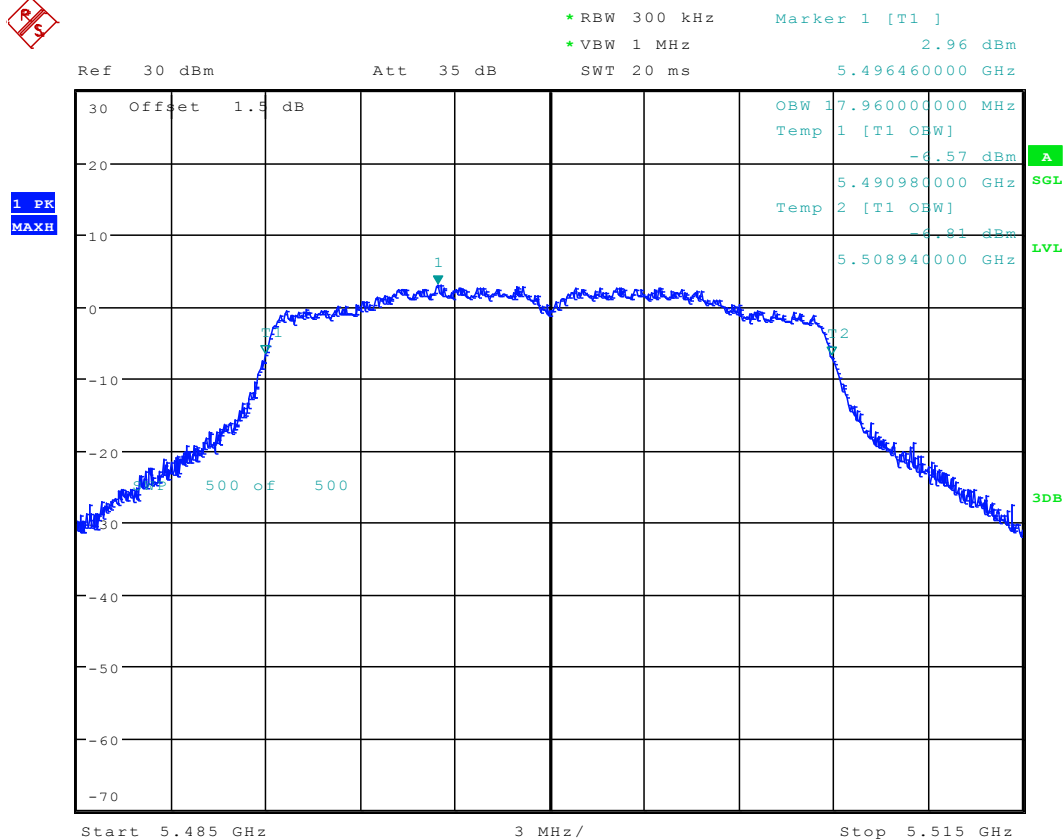
Date: 24.JAN.2018 11:52:16

6.27 11N20_100 ANT 1



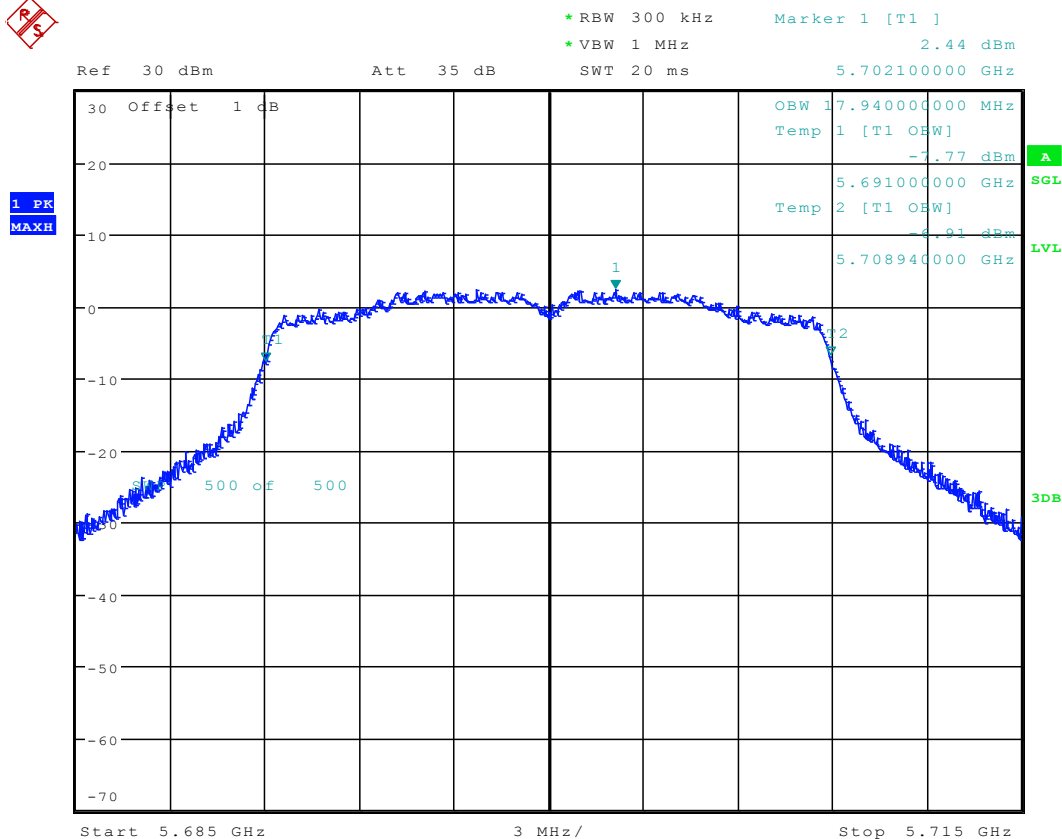
Date: 22.JAN.2018 15:05:08

6.28 11N20_100 ANT 2



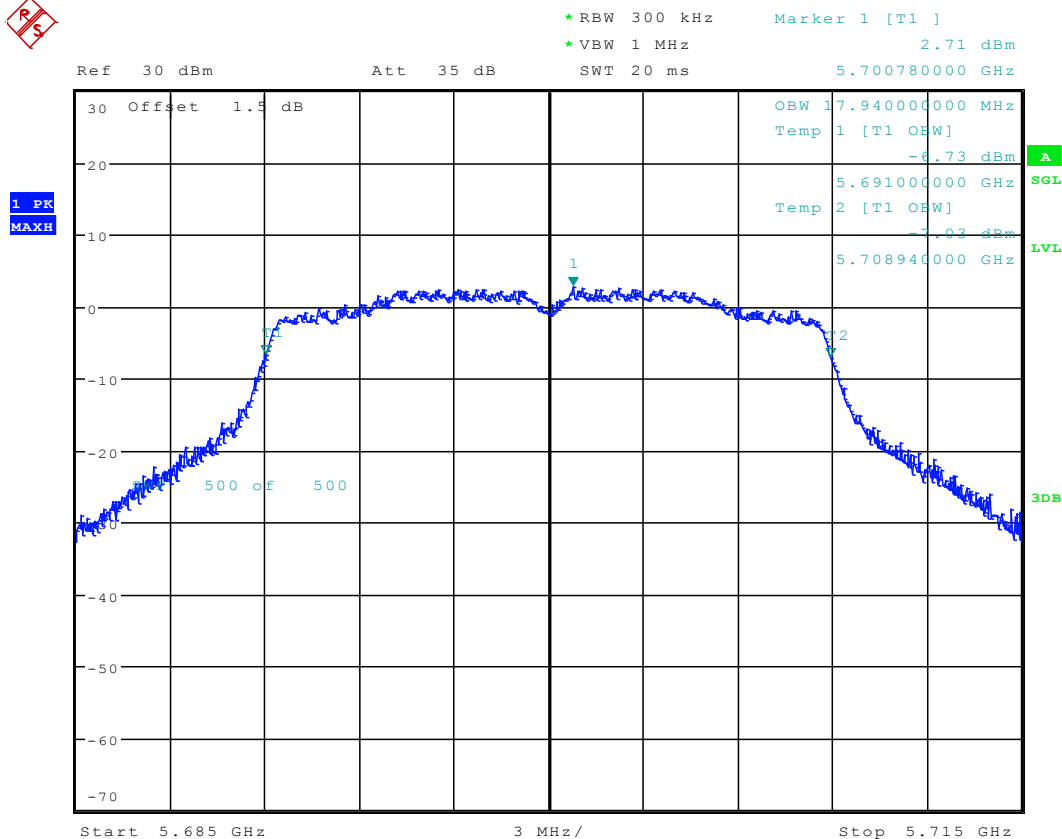
Date: 24.JAN.2018 12:04:06

6.29 11N20_140 ANT 1



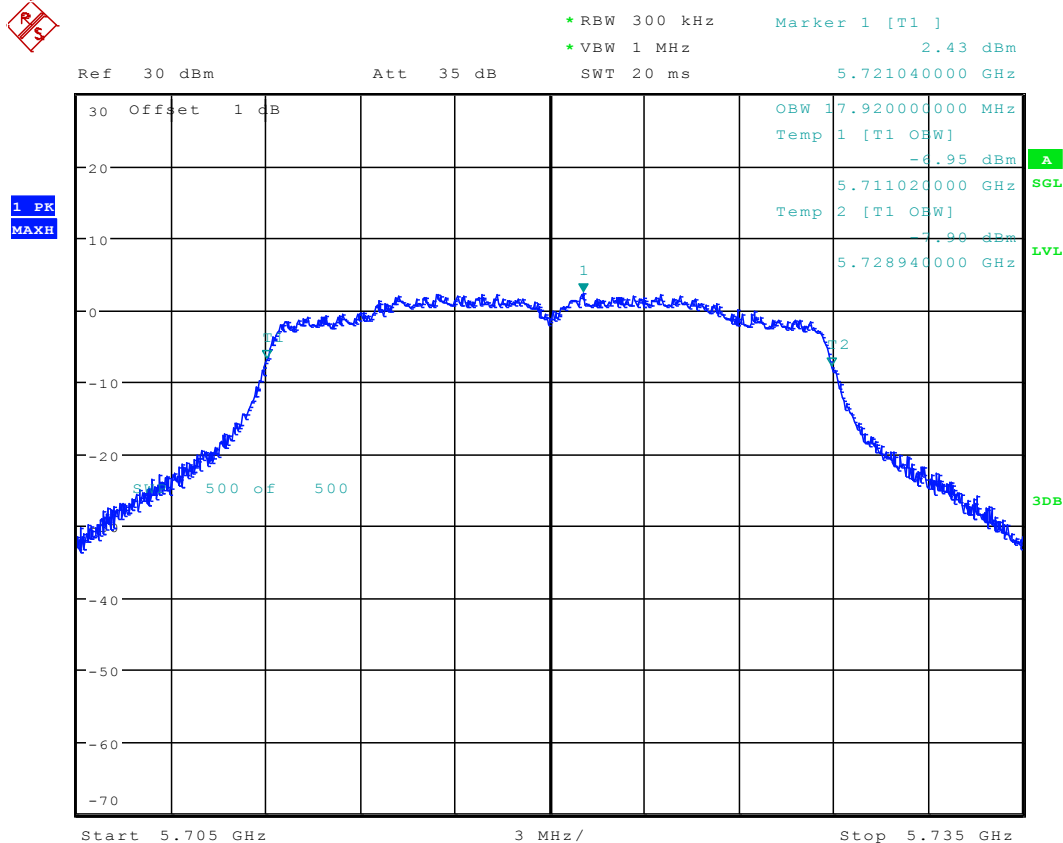
Date: 22.JAN.2018 15:08:19

6.30 11N20_140 ANT 2



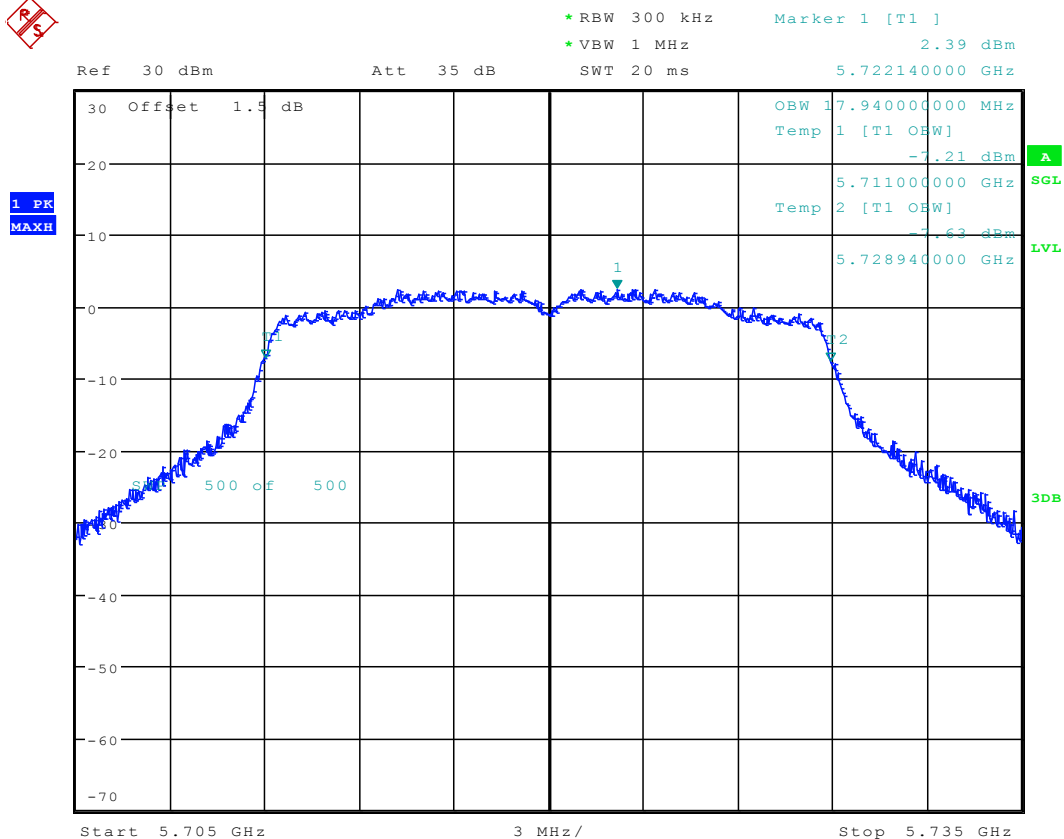
Date: 24.JAN.2018 13:35:06

6.31 11N20_144 ANT 1



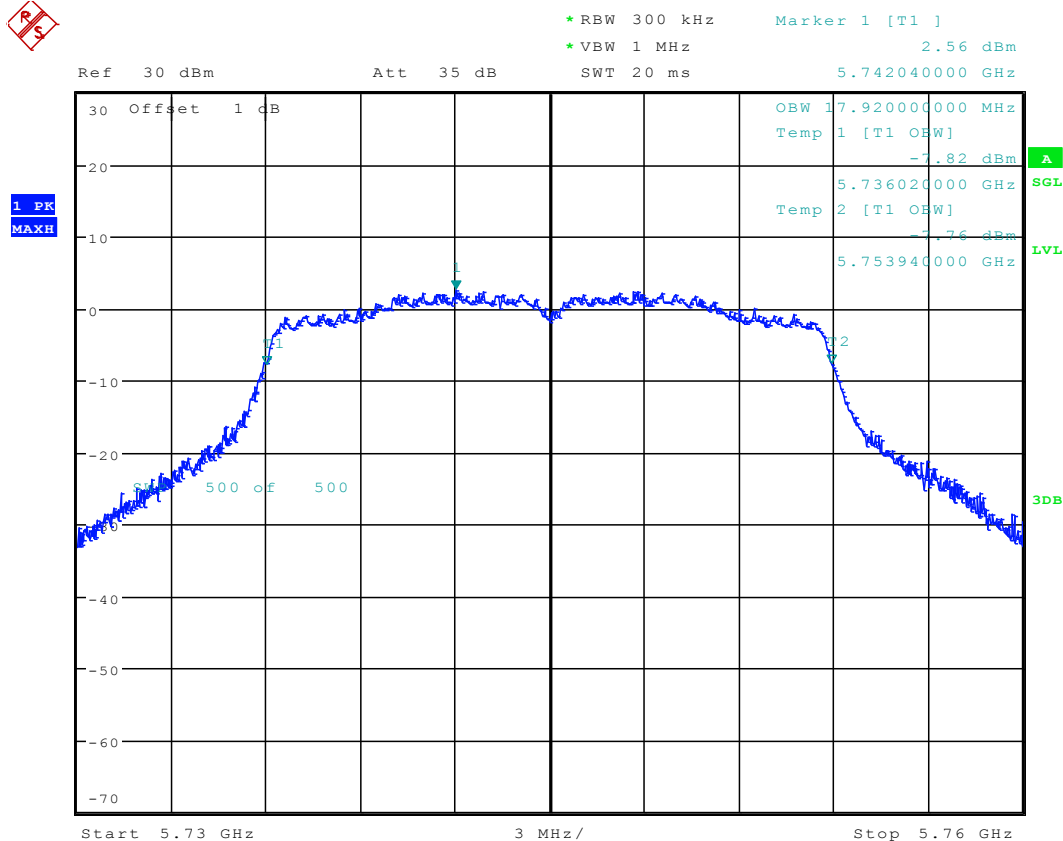
Date: 22.JAN.2018 15:11:48

6.32 11N20_144 ANT 2



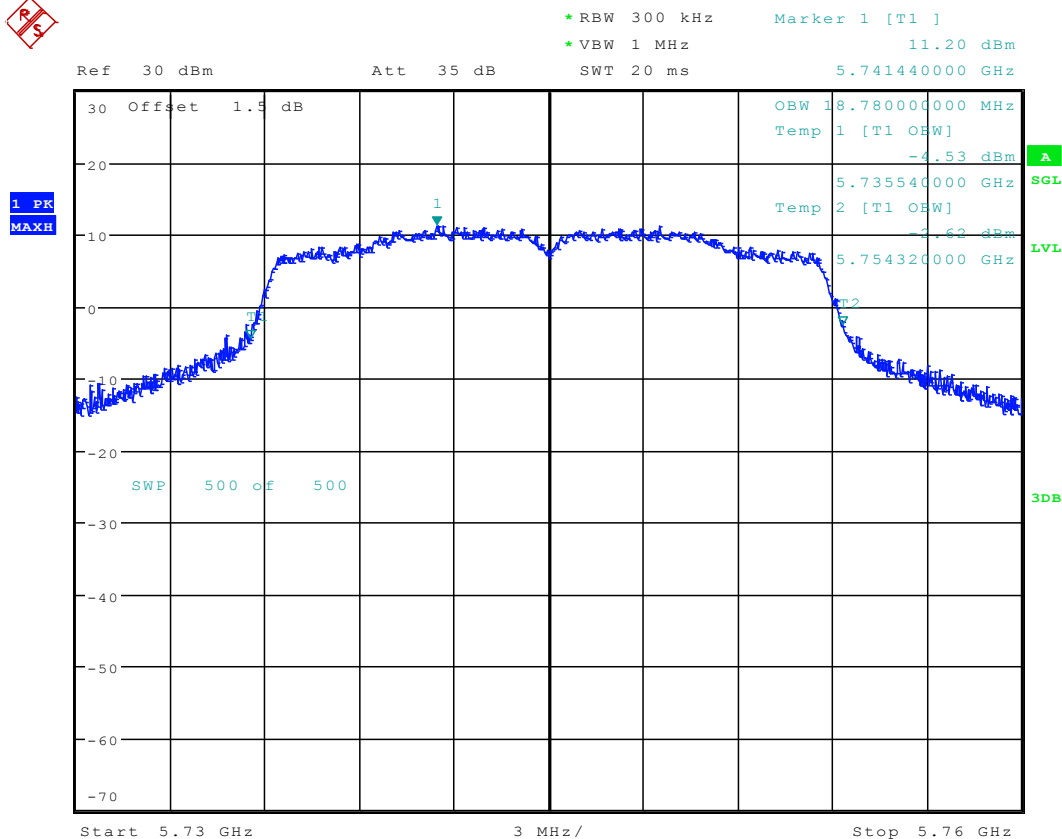
Date: 24.JAN.2018 13:37:32

6.33 11N20_149 ANT 1



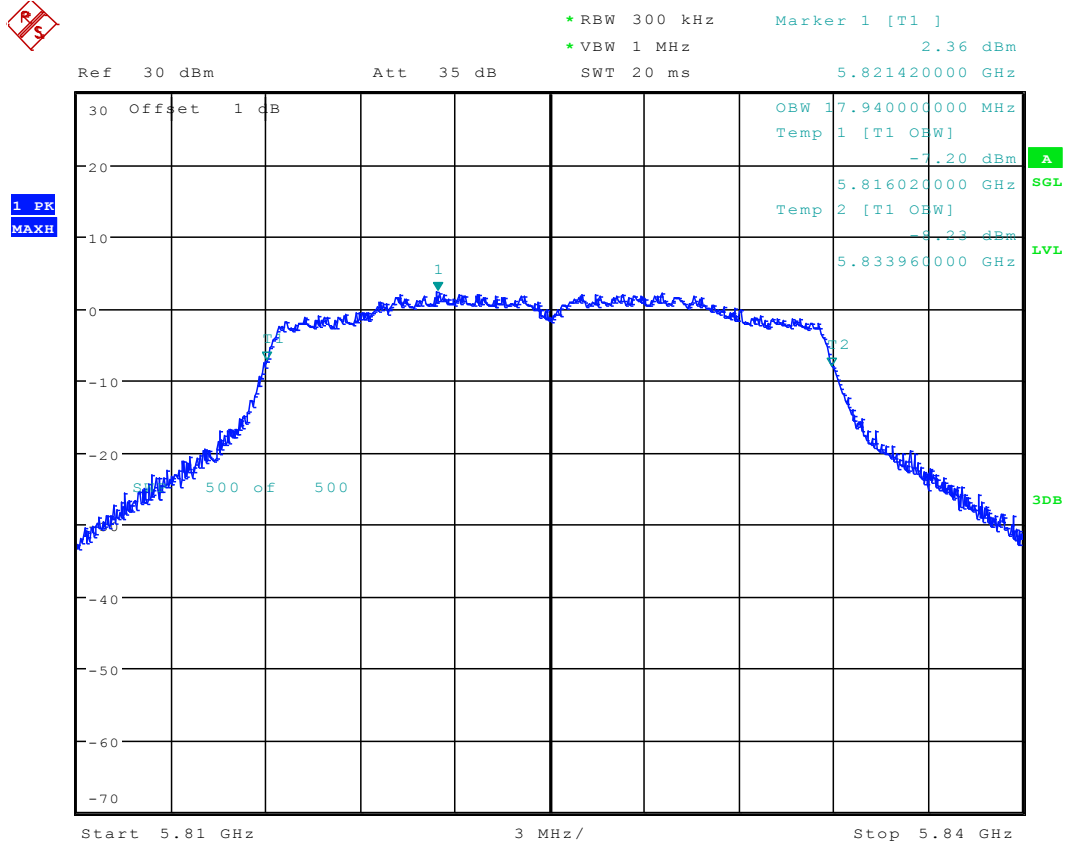
Date: 22.JAN.2018 15:15:45

6.34 11N20_149 ANT 2



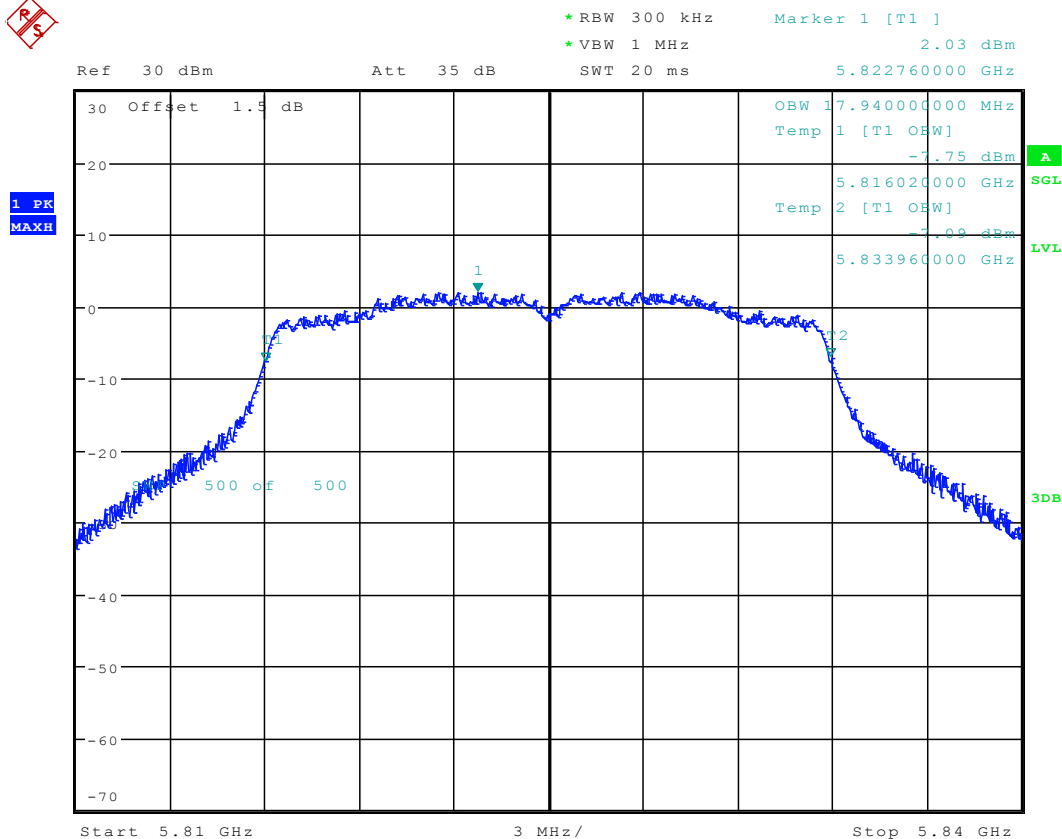
Date: 24.JAN.2018 13:41:25

6.35 11N20_165 ANT 1



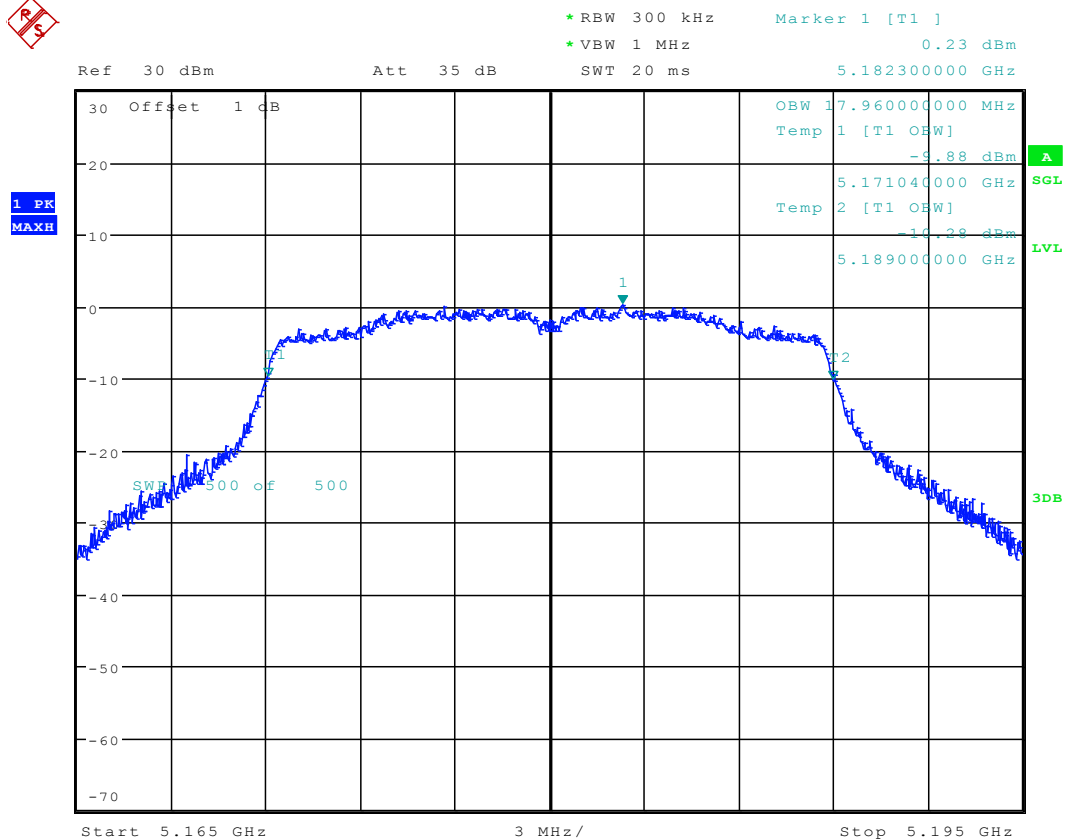
Date: 22.JAN.2018 15:19:44

6.36 11N20_165 ANT 2



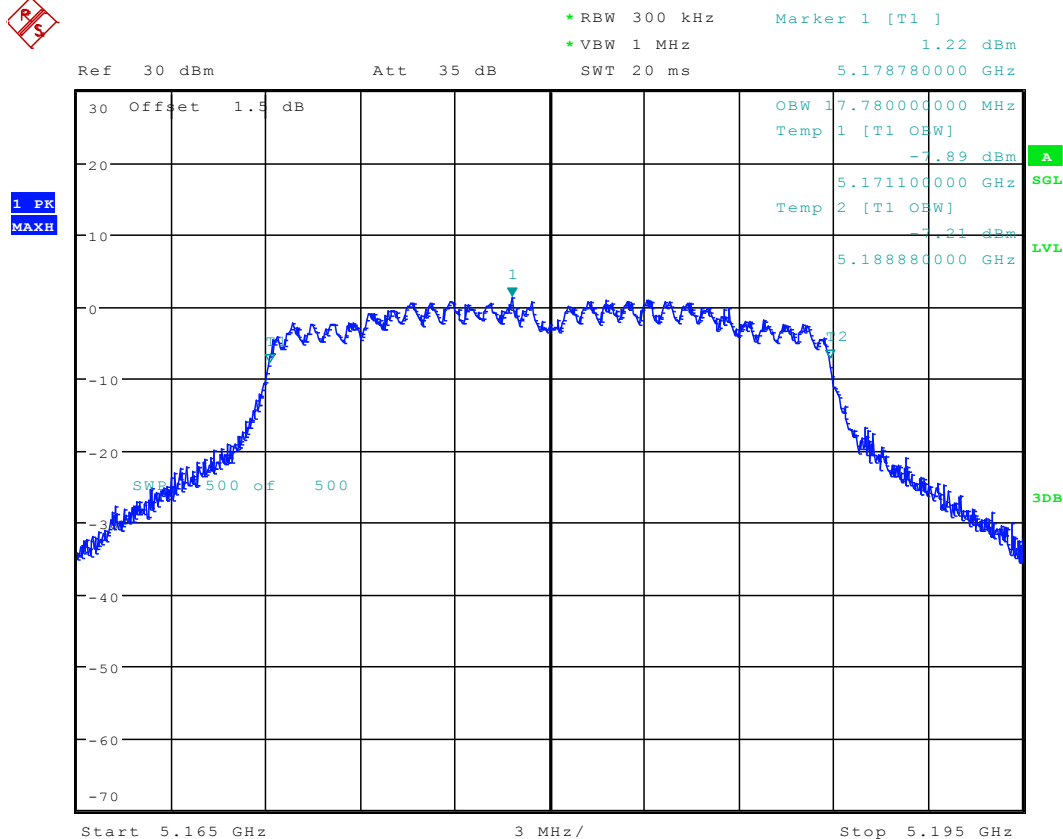
Date: 24.JAN.2018 13:44:43

6.37 11N20MIMO_36 ANT 1

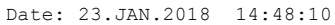


Date: 23.JAN.2018 14:45:23

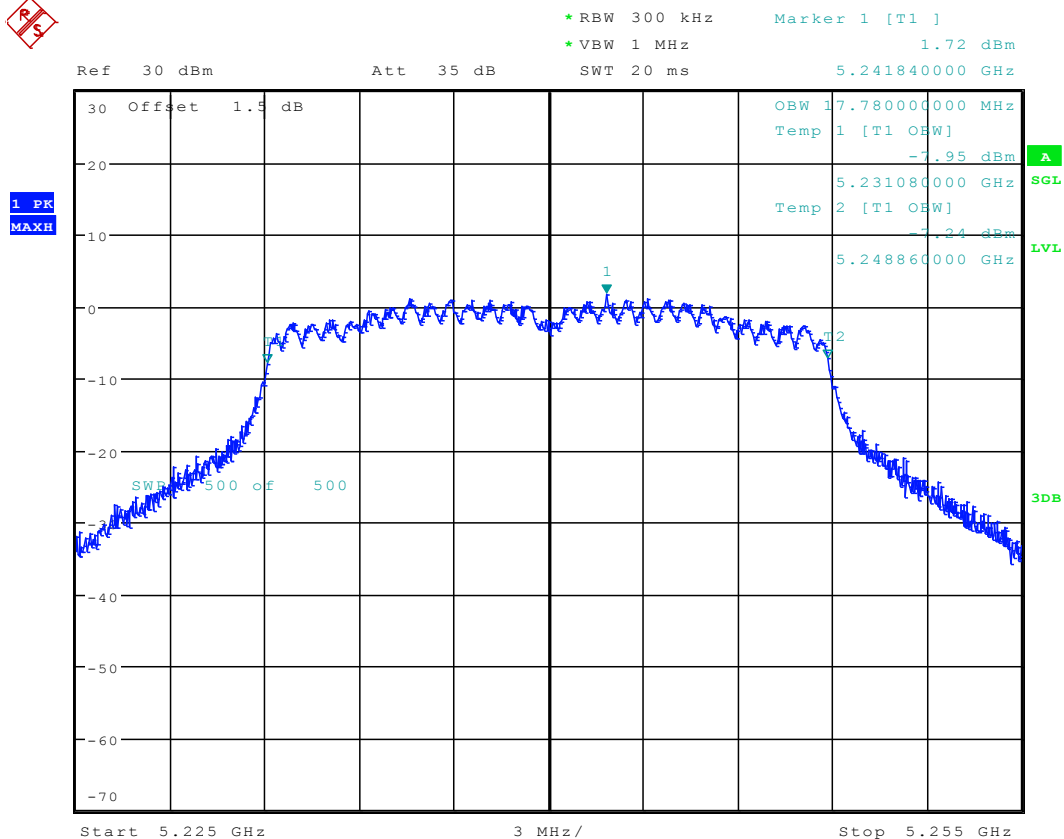
6.38 11N20MIMO_36 ANT 2



Date: 26.JAN.2018 14:13:55

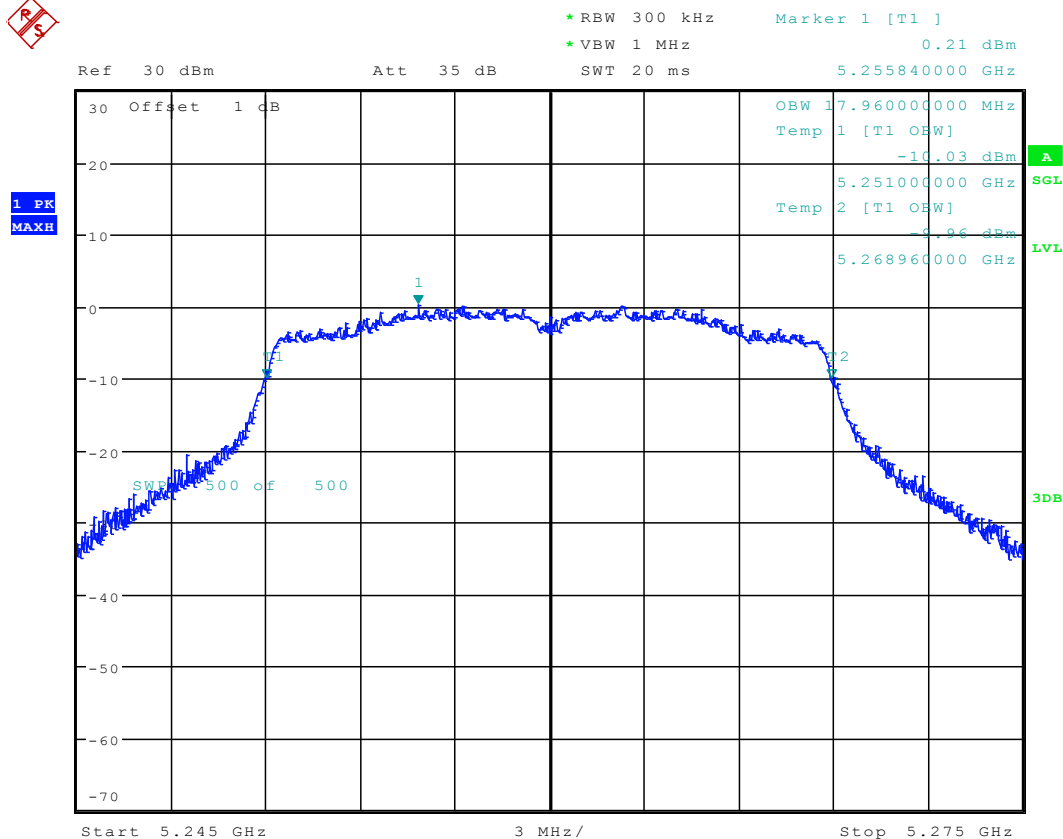


6.40 11N20MIMO_48 ANT 2



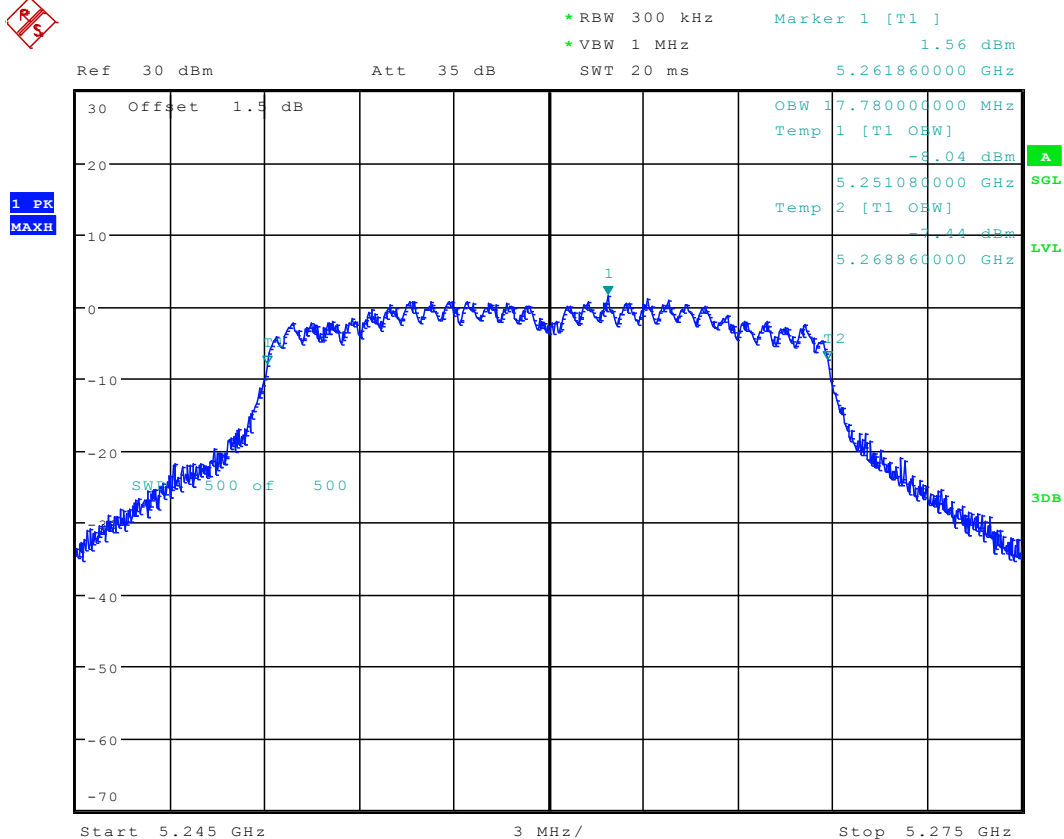
Date: 26.JAN.2018 14:16:25

6.41 11N20MIMO_52 ANT 1

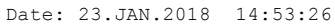


Date: 23.JAN.2018 14:51:03

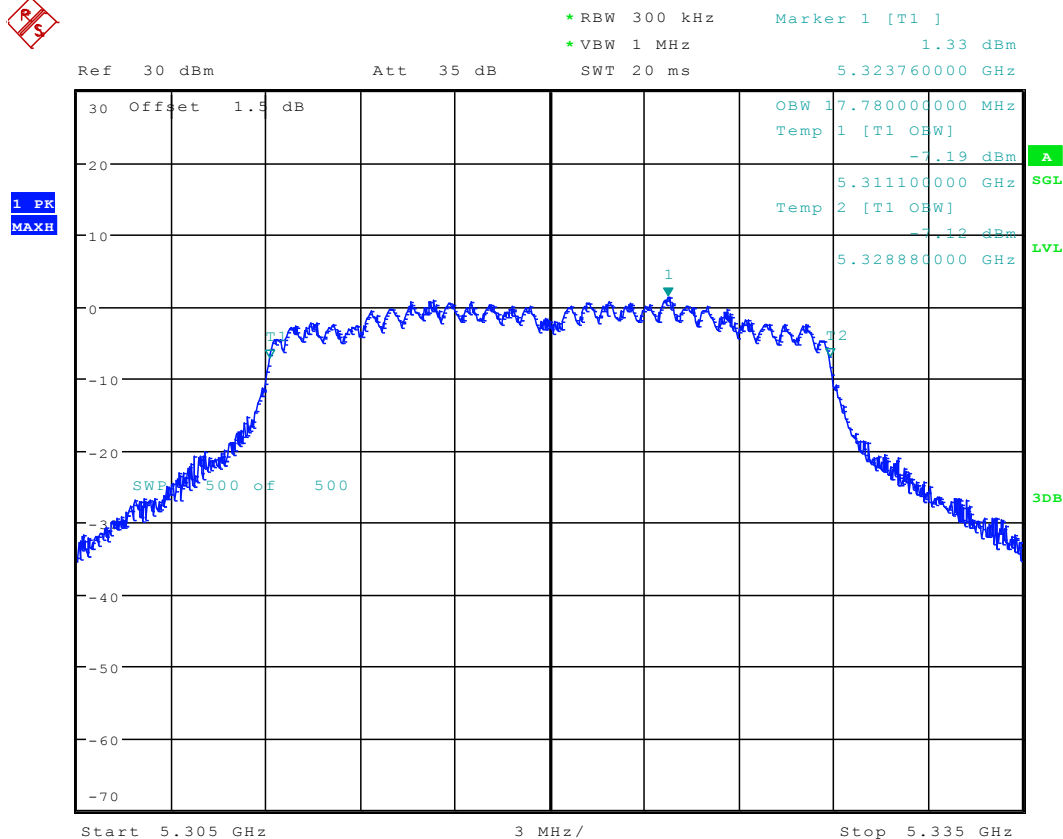
6.42 11N20MIMO_52 ANT 2



Date: 26.JAN.2018 14:18:52

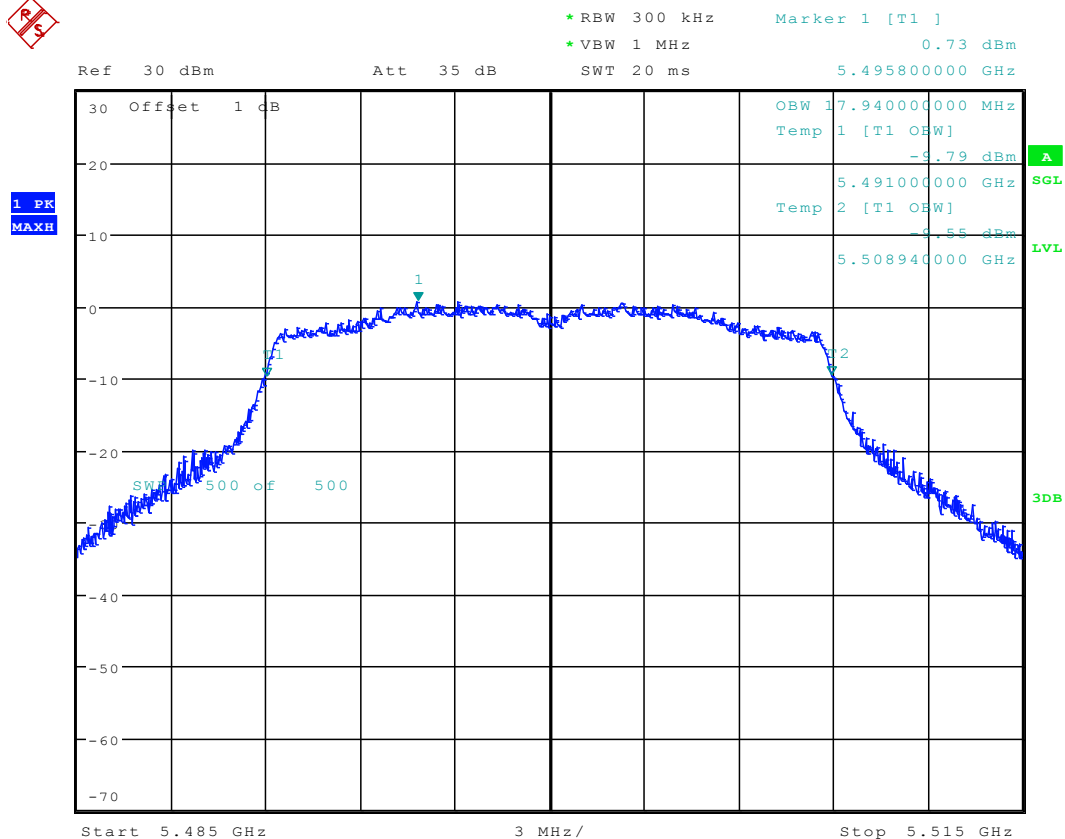


6.44 11N20MIMO_64 ANT 2



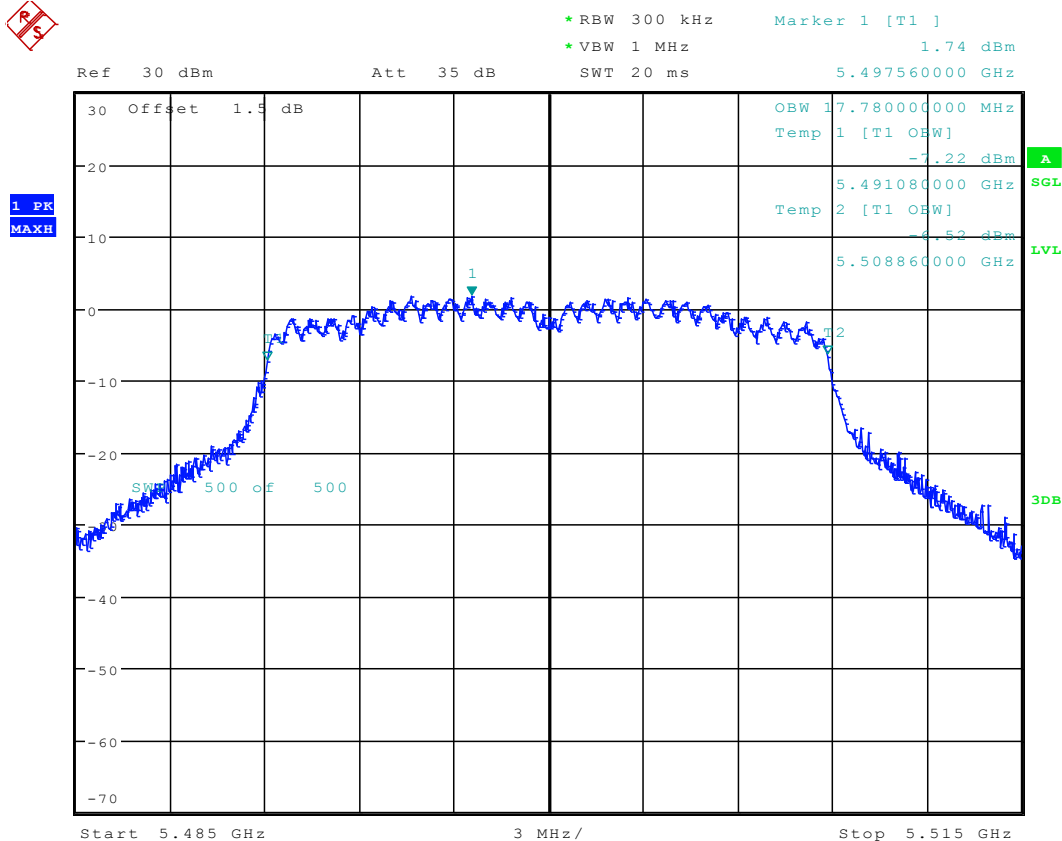
Date: 26.JAN.2018 14:21:58

6.45 11N20MIMO_100 ANT 1



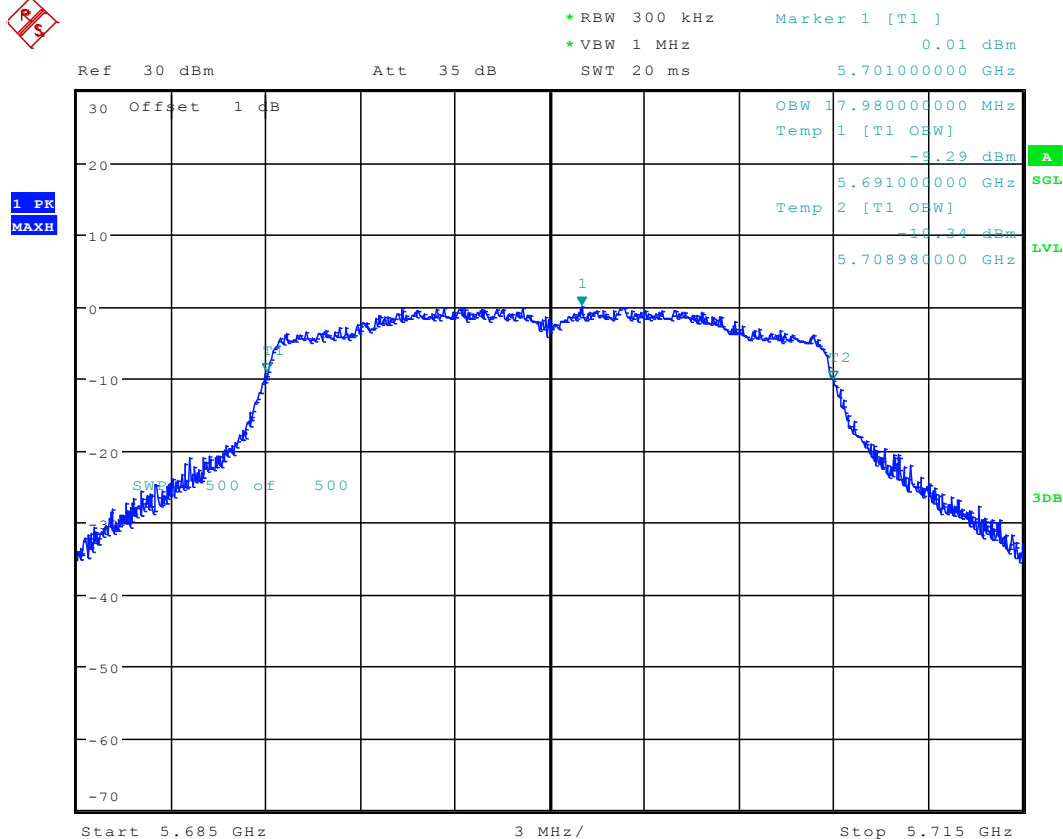
Date: 23.JAN.2018 14:56:00

6.46 11N20MIMO_100 ANT 2



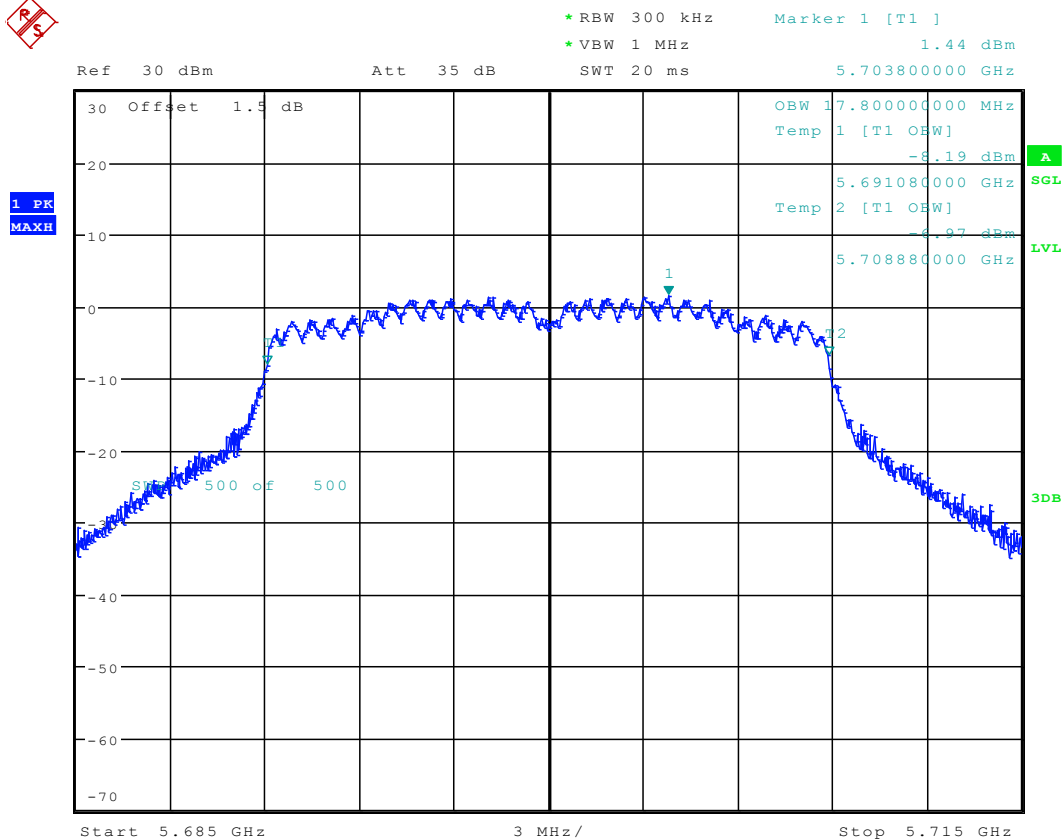
Date: 26.JAN.2018 14:32:51

6.47 11N20MIMO_140 ANT 1



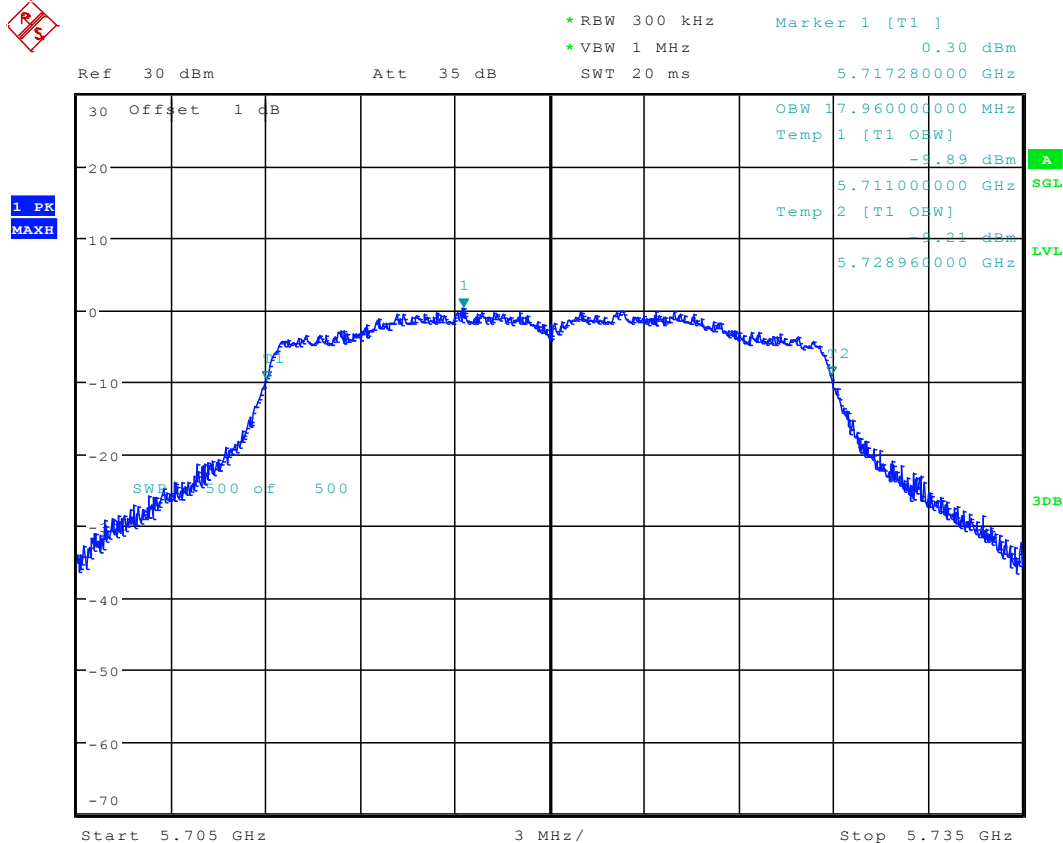
Date: 23.JAN.2018 14:58:37

6.48 11N20MIMO_140 ANT 2

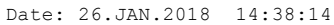


Date: 26.JAN.2018 14:35:26

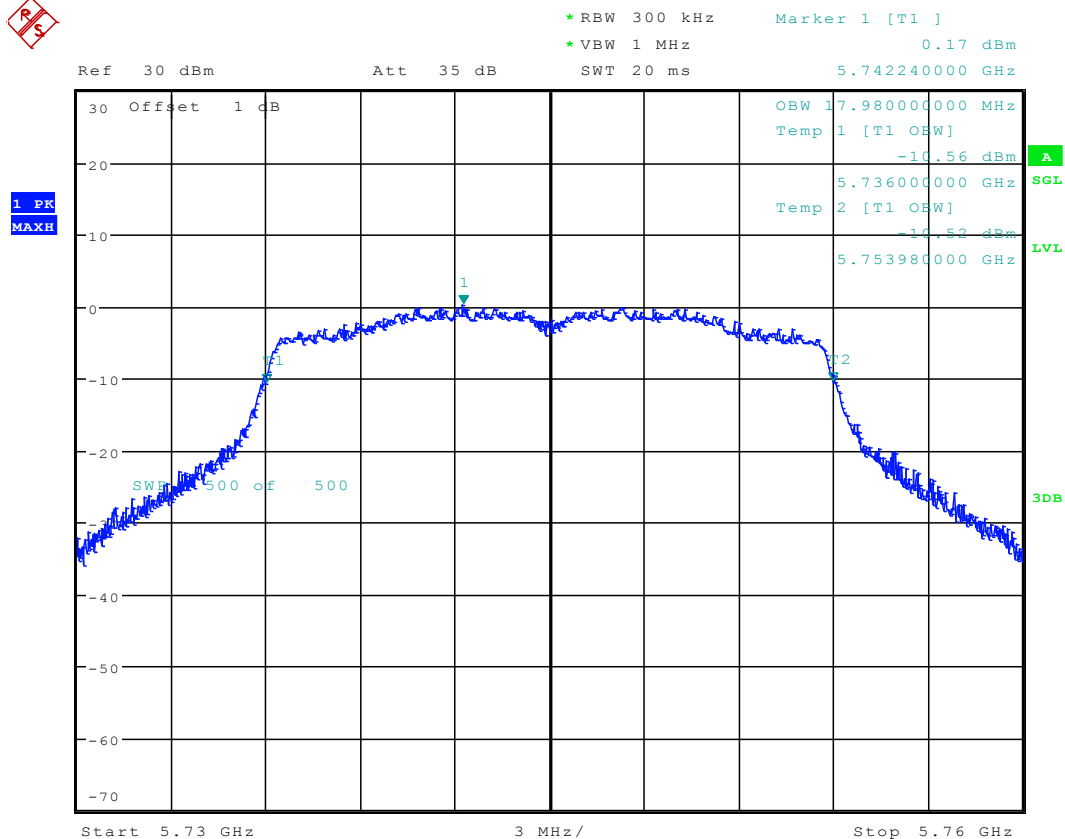
6.49 11N20MIMO_144 ANT 1



Date: 23.JAN.2018 15:03:42

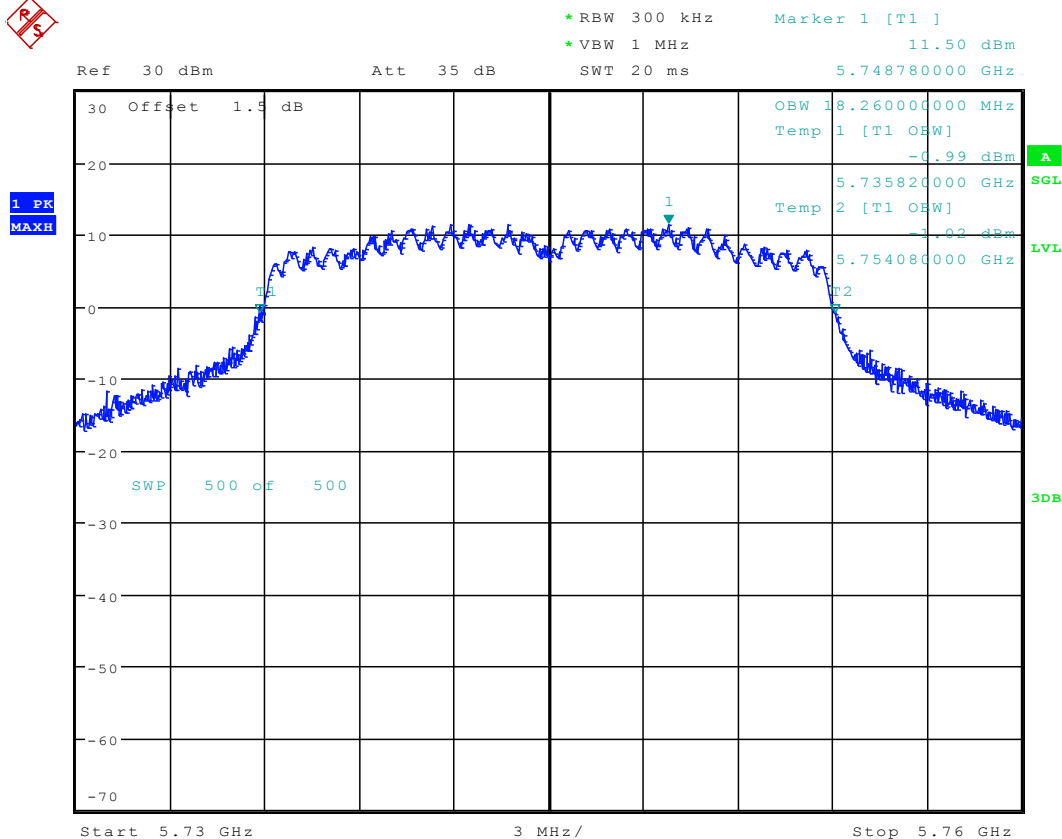


6.51 11N20MIMO_149 ANT 1



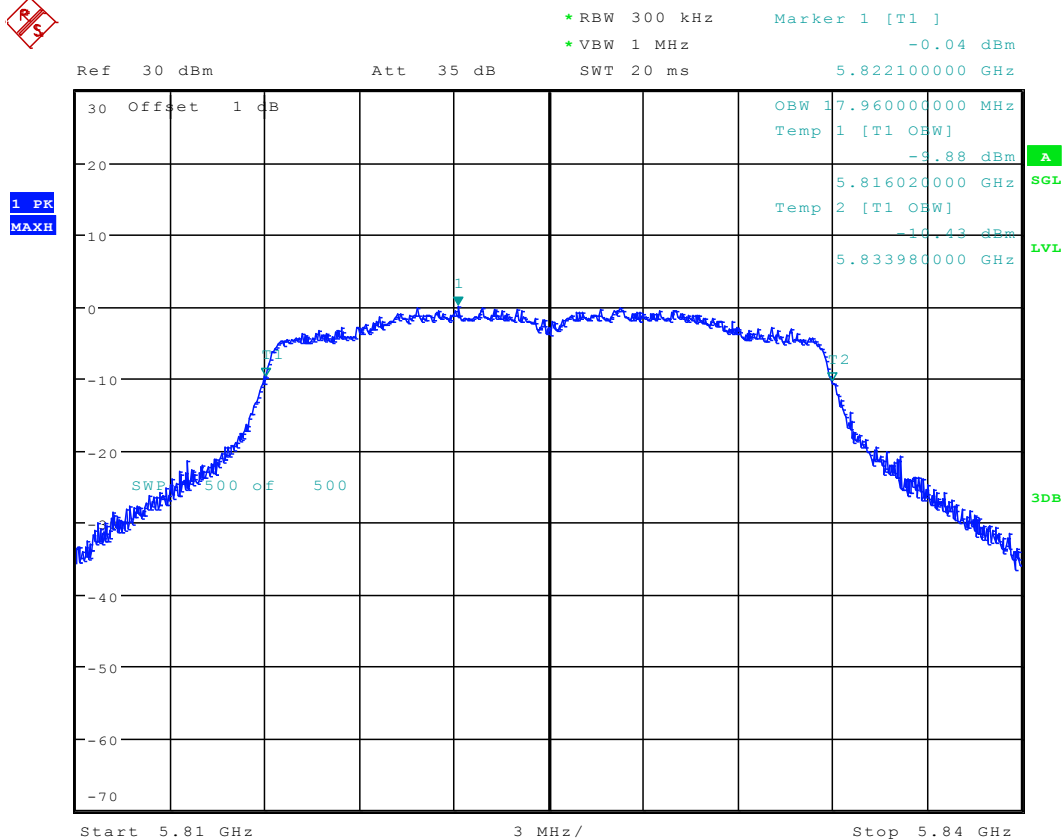
Date: 23.JAN.2018 15:06:24

6.52 11N20MIMO_149 ANT 2



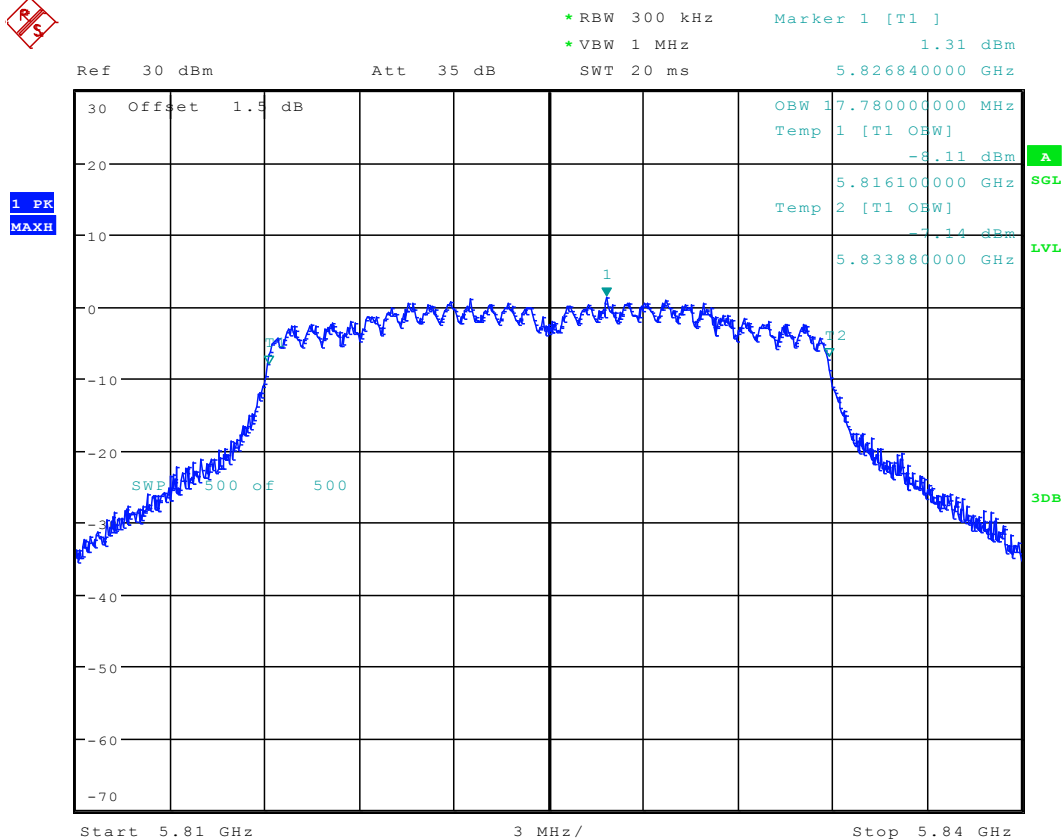
Date: 26.JAN.2018 14:41:02

6.53 11N20MIMO_165 ANT 1



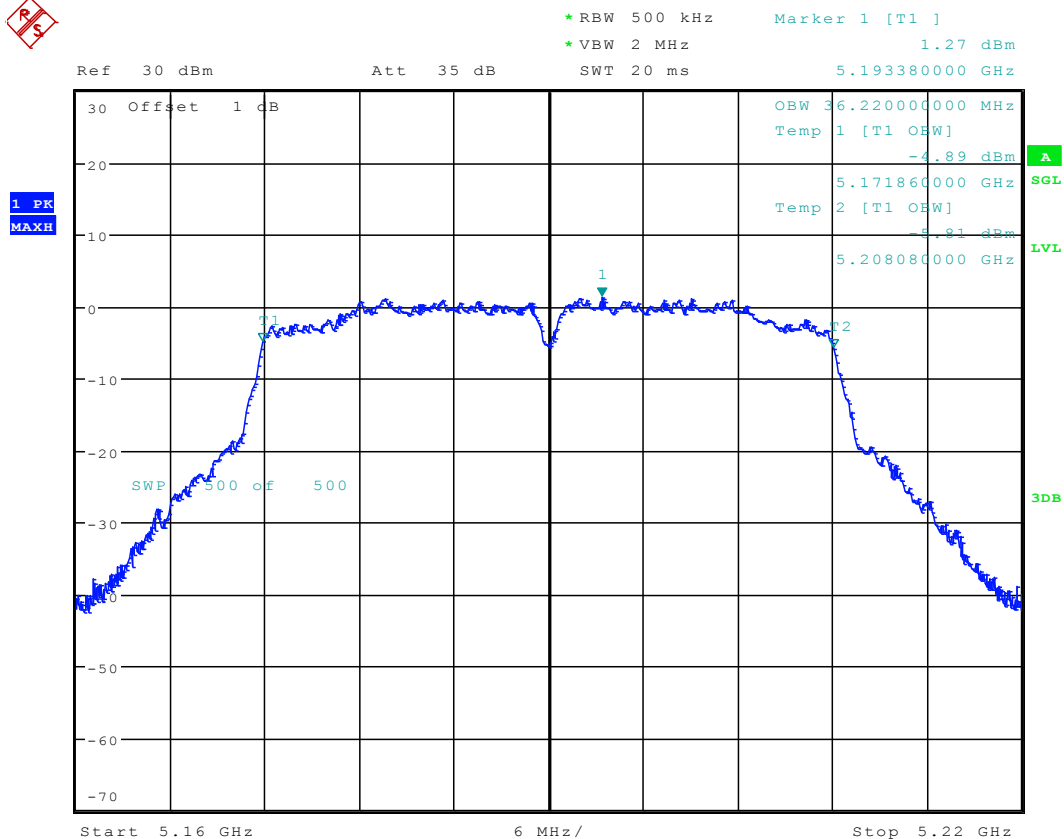
Date: 23.JAN.2018 15:09:28

6.54 11N20MIMO_165 ANT 2



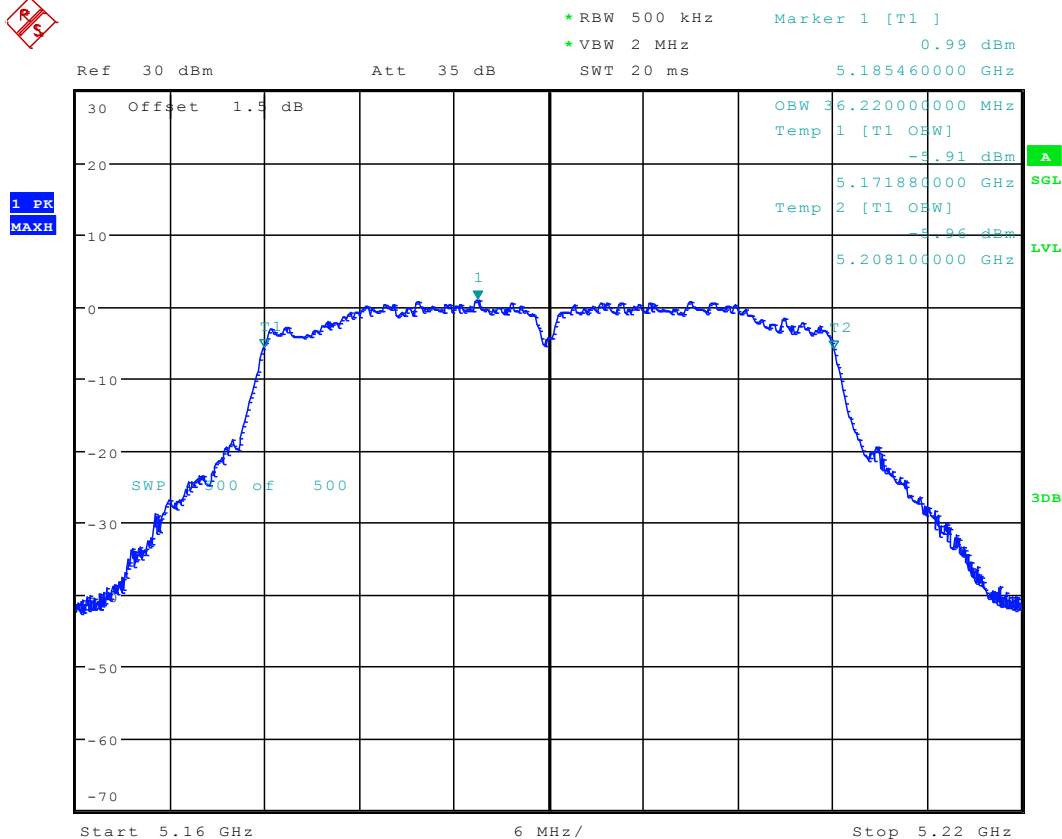
Date: 26.JAN.2018 14:43:54

6.55 11N40_38 ANT 1



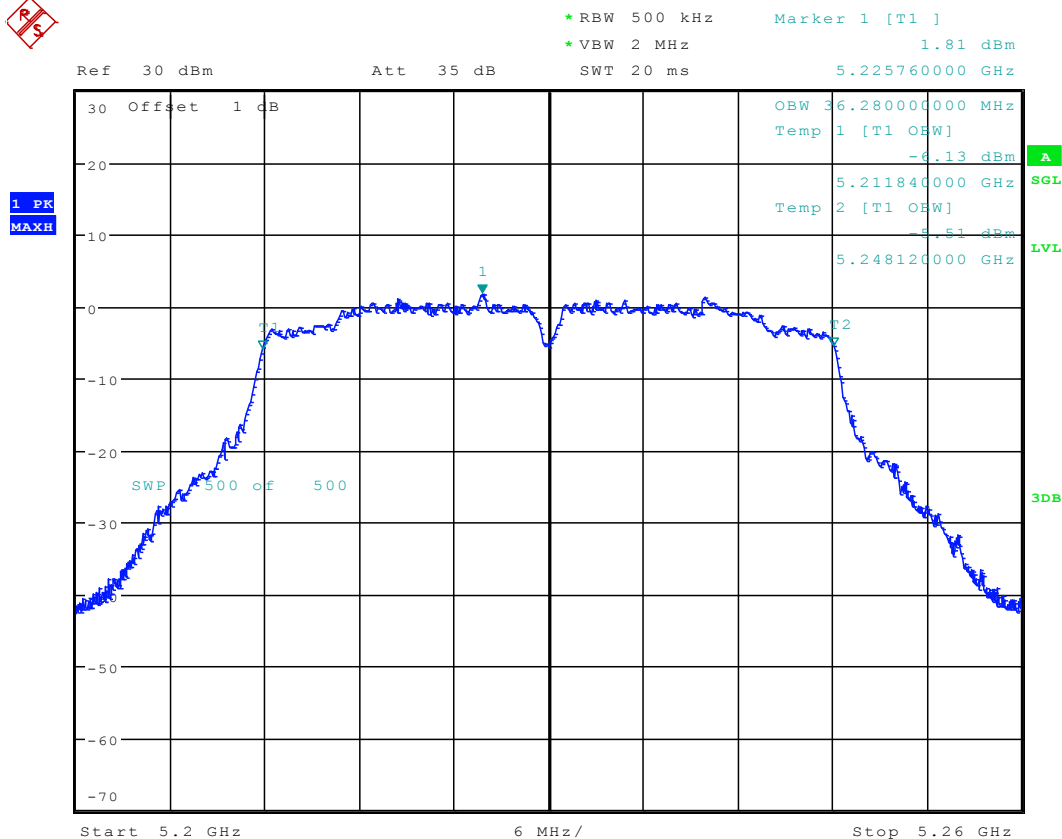
Date: 22.JAN.2018 16:05:24

6.56 11N40_38 ANT 2



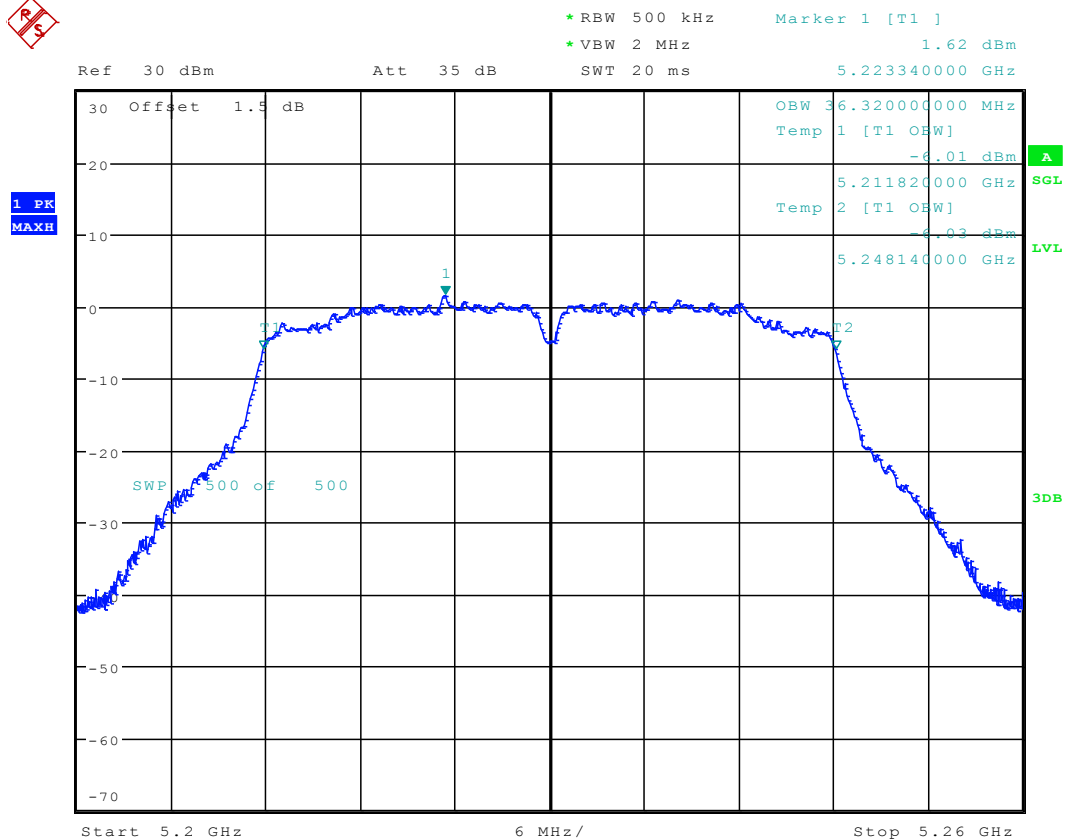
Date: 24.JAN.2018 15:09:05

6.57 11N40_46 ANT 1



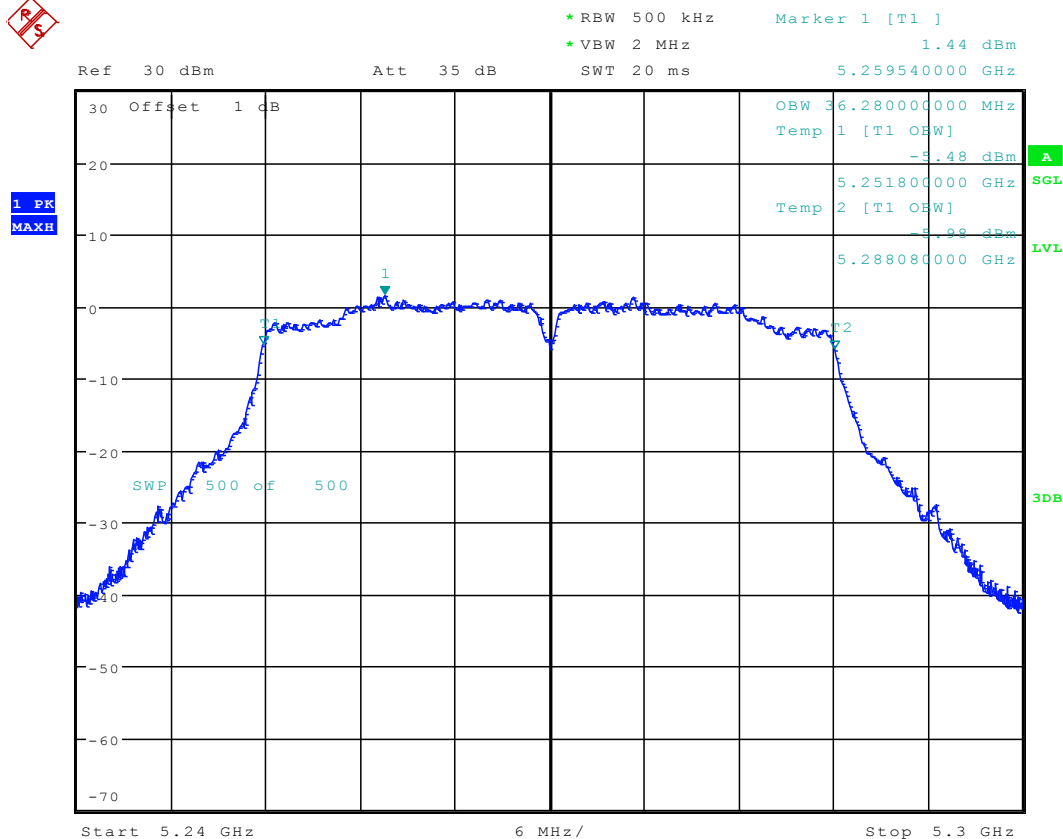
Date: 22.JAN.2018 16:08:14

6.58 11N40_46 ANT 2



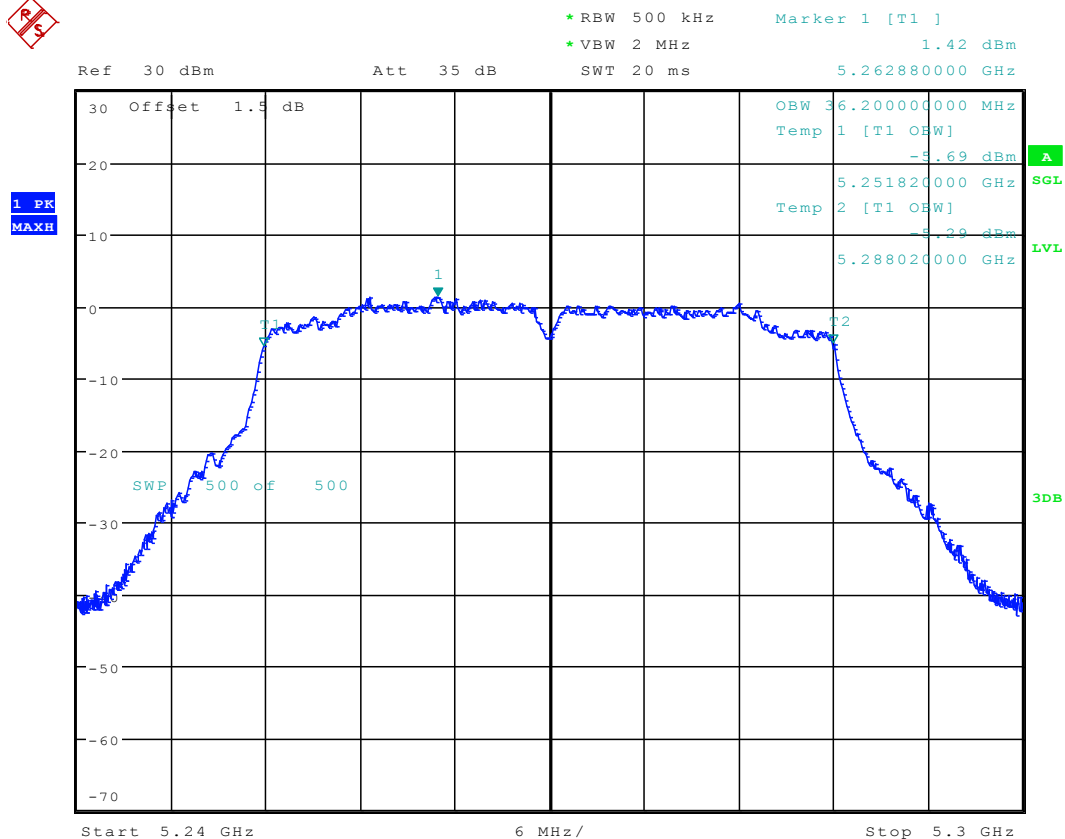
Date: 24.JAN.2018 15:11:53

6.59 11N40_54 ANT 1



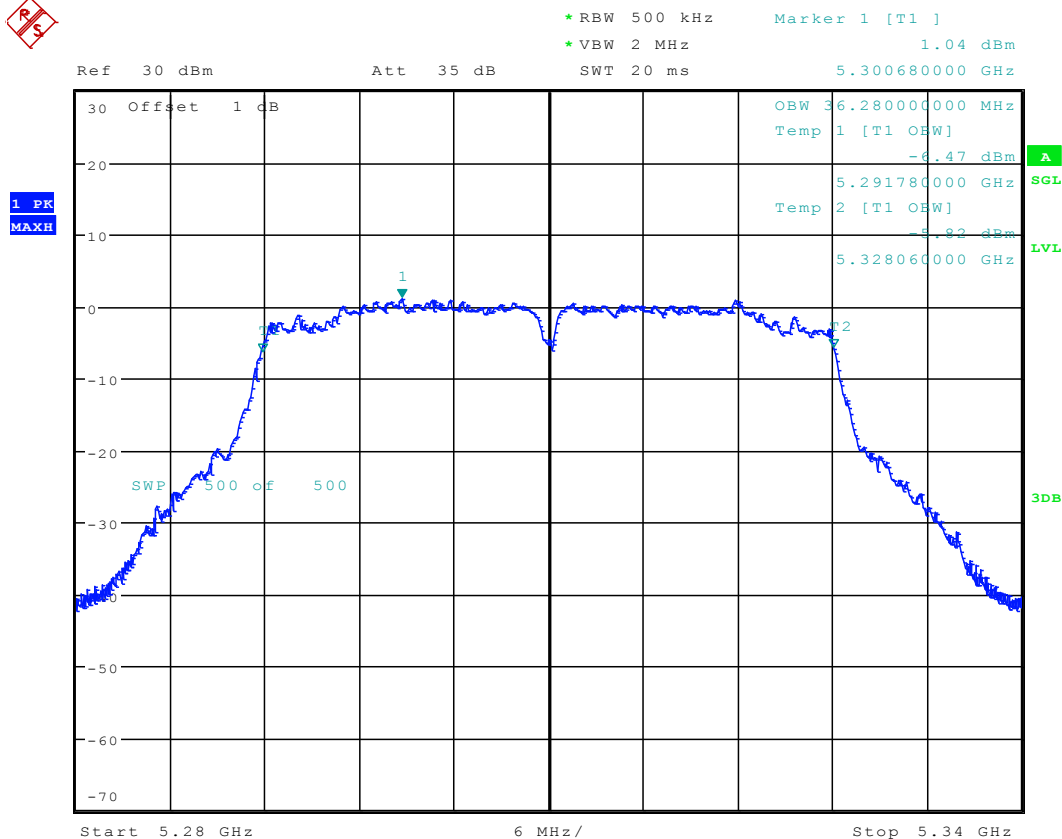
Date: 22.JAN.2018 16:11:03

6.60 11N40_54 ANT 2



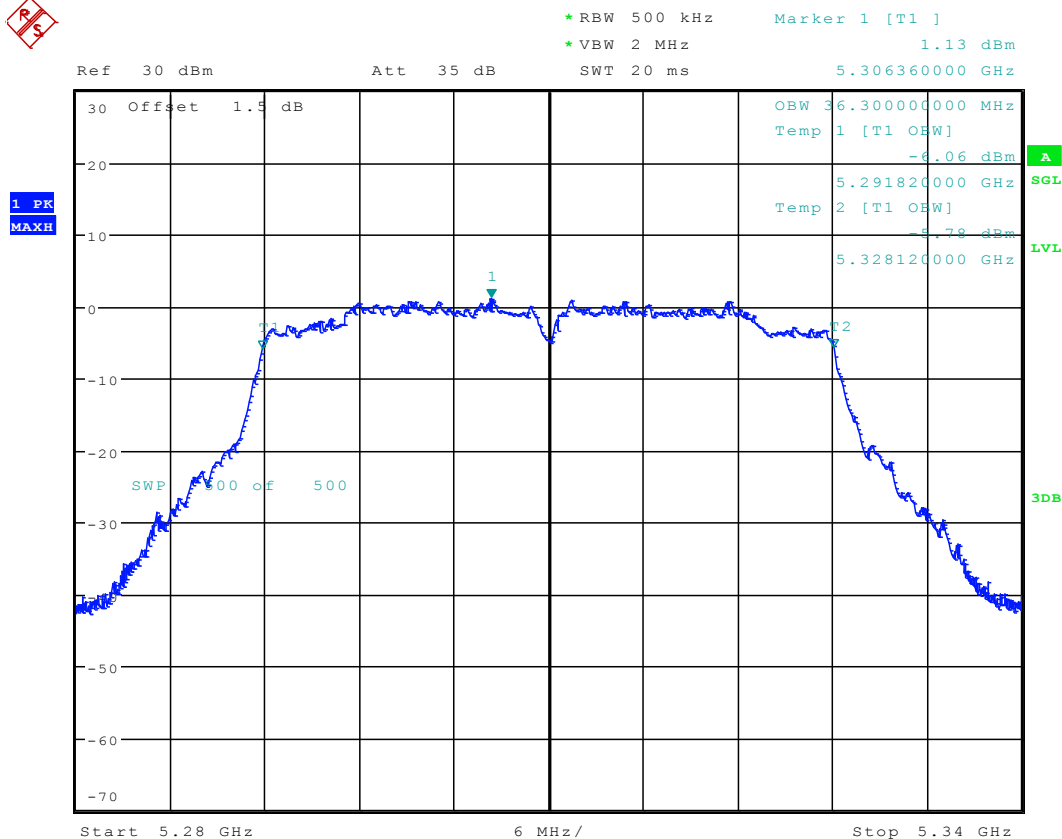
Date: 24.JAN.2018 15:14:35

6.61 11N40_62 ANT 1



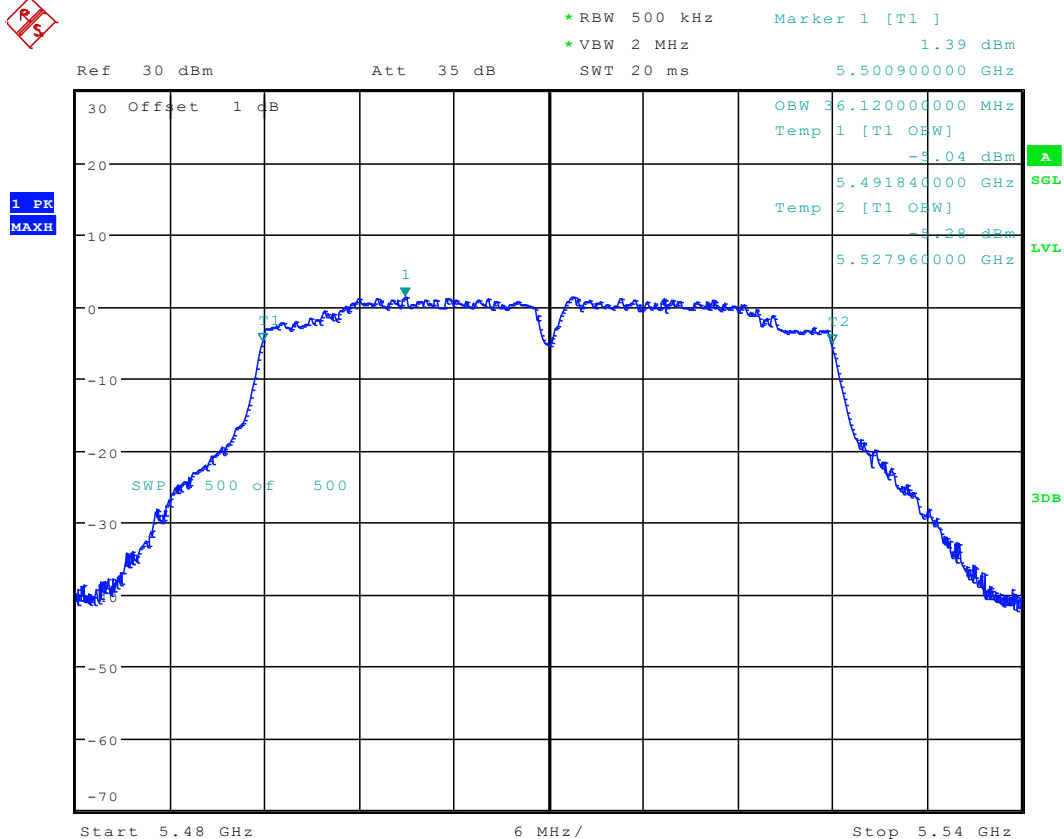
Date: 22.JAN.2018 16:13:53

6.62 11N40_62 ANT 2



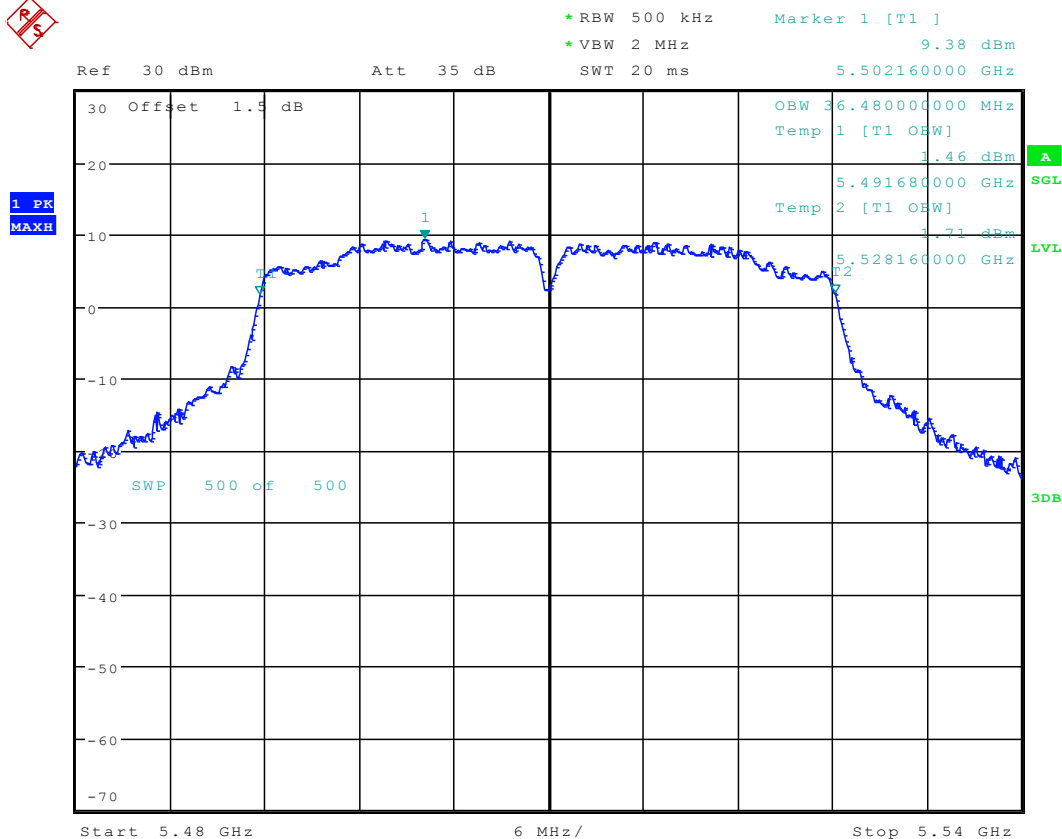
Date: 24.JAN.2018 15:17:07

6.63 11N40_102 ANT 1



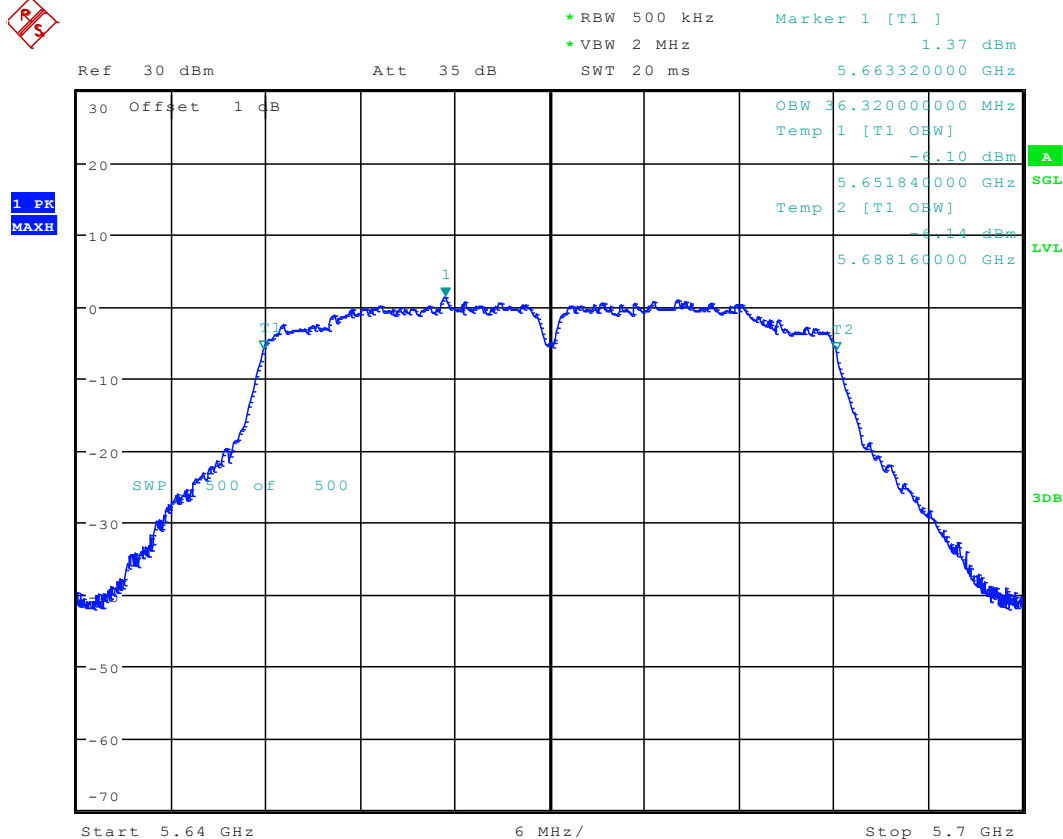
Date: 22.JAN.2018 16:16:27

6.64 11N40_102 ANT 2



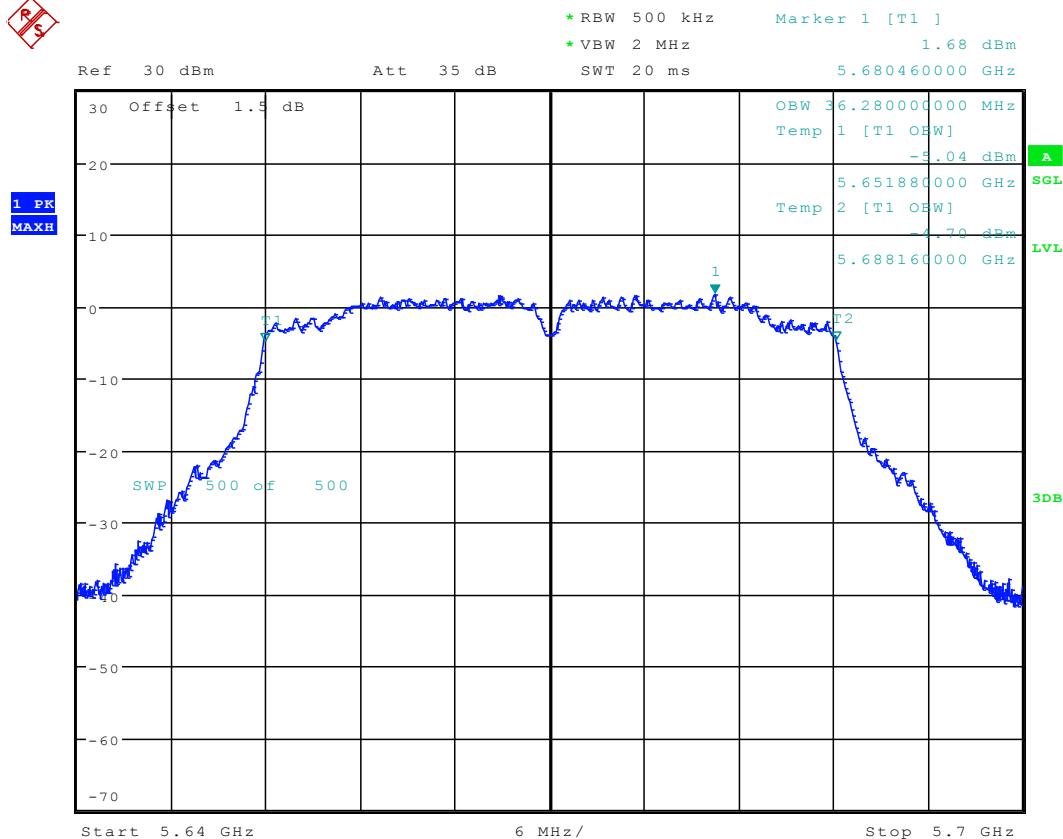
Date: 24.JAN.2018 15:19:44

6.65 11N40_134 ANT 1



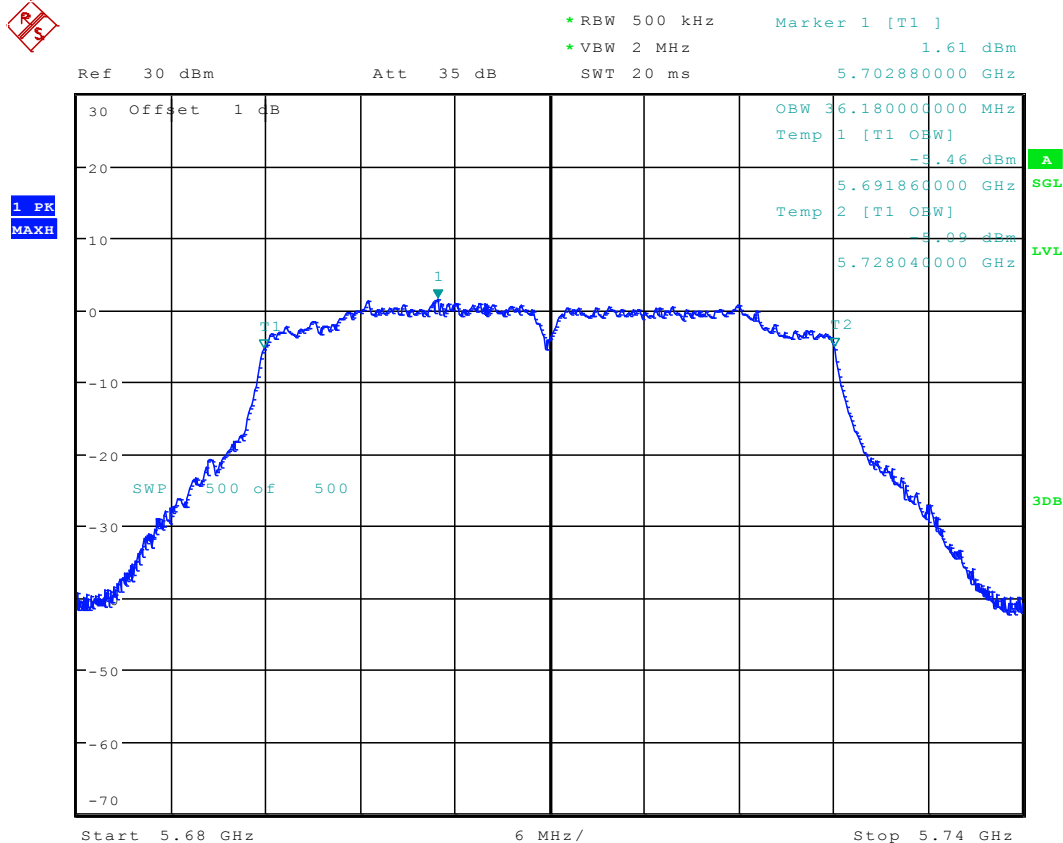
Date: 22.JAN.2018 16:19:08

6.66 11N40_134 ANT 2



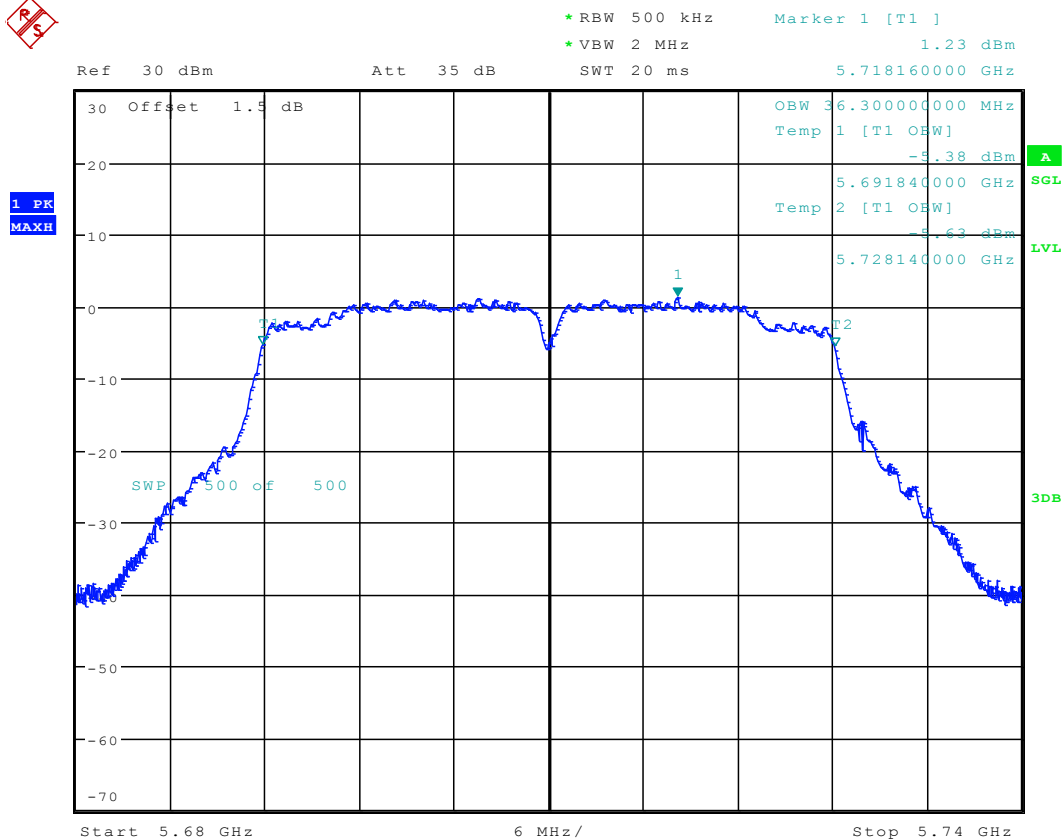
Date: 24.JAN.2018 15:32:50

6.67 11N40_142 ANT 1



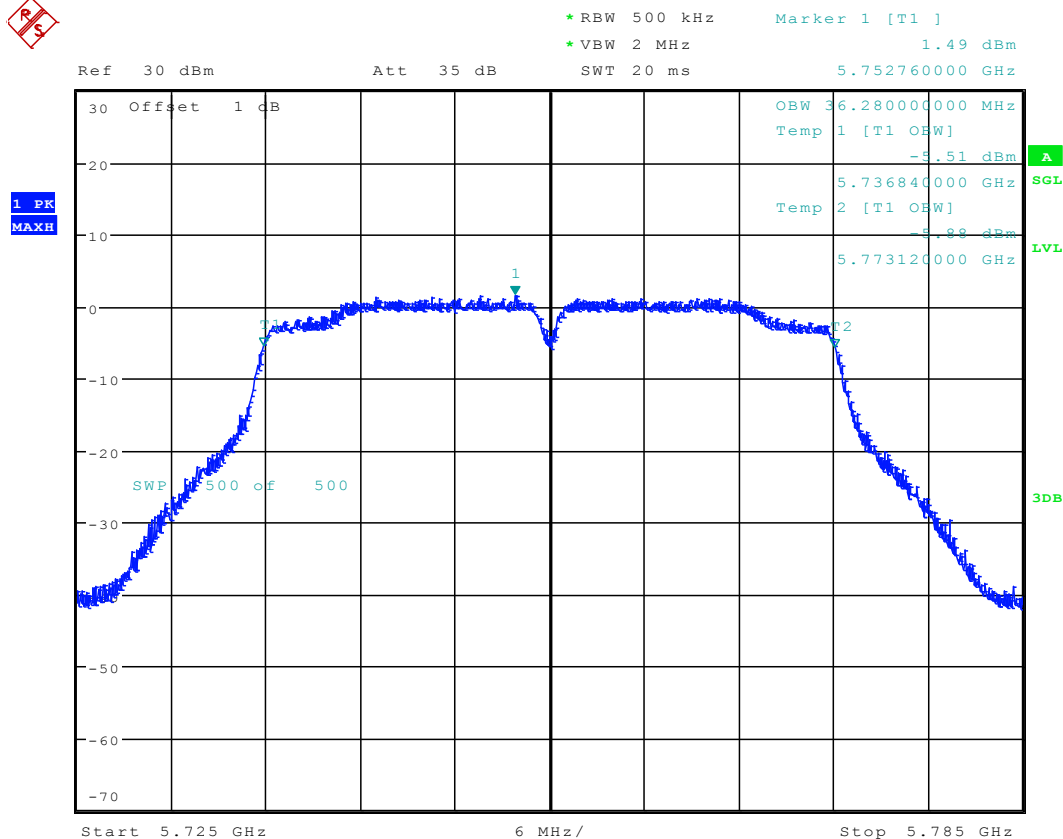
Date: 22.JAN.2018 16:27:02

6.68 11N40_142 ANT 2



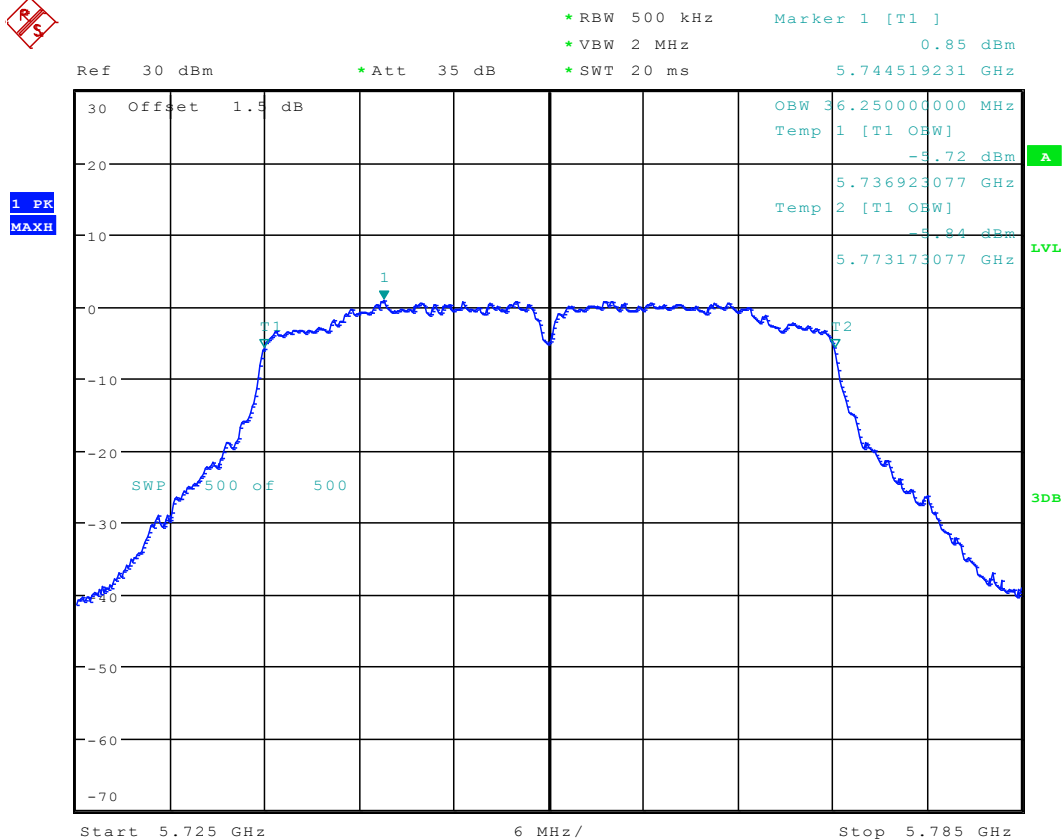
Date: 24.JAN.2018 15:35:16

6.69 11N40_151 ANT 1



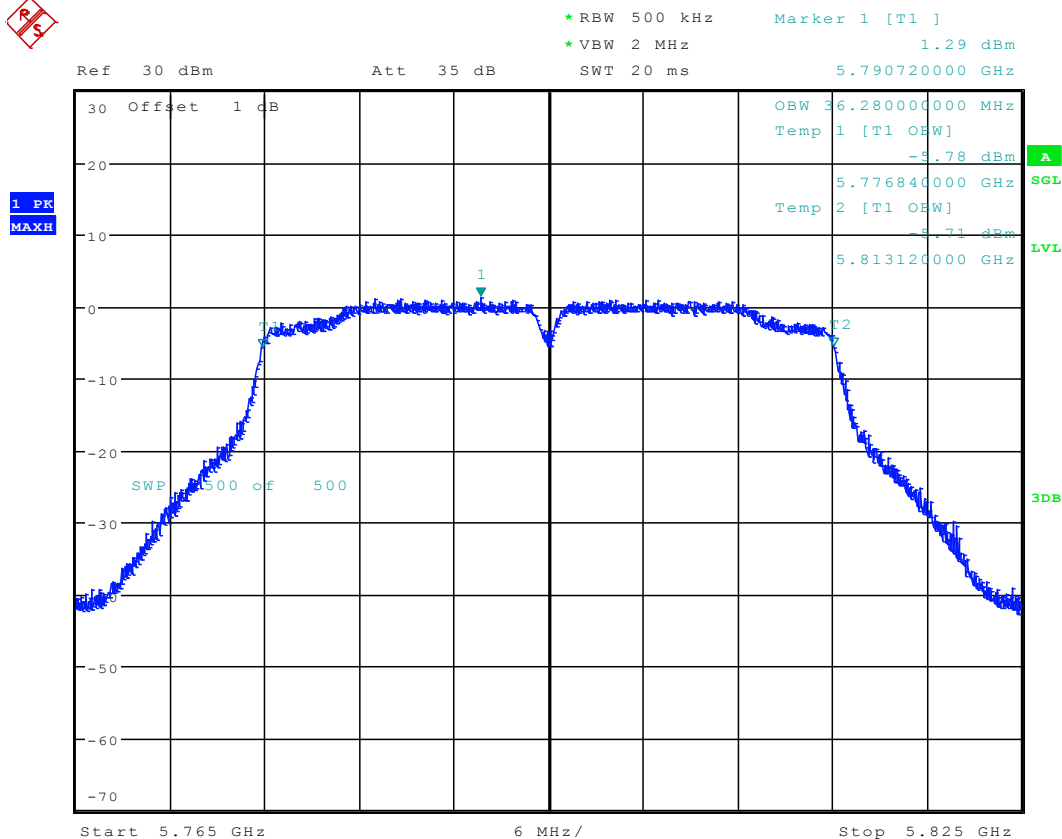
Date: 22.JAN.2018 16:30:37

6.70 11N40_151 ANT 2



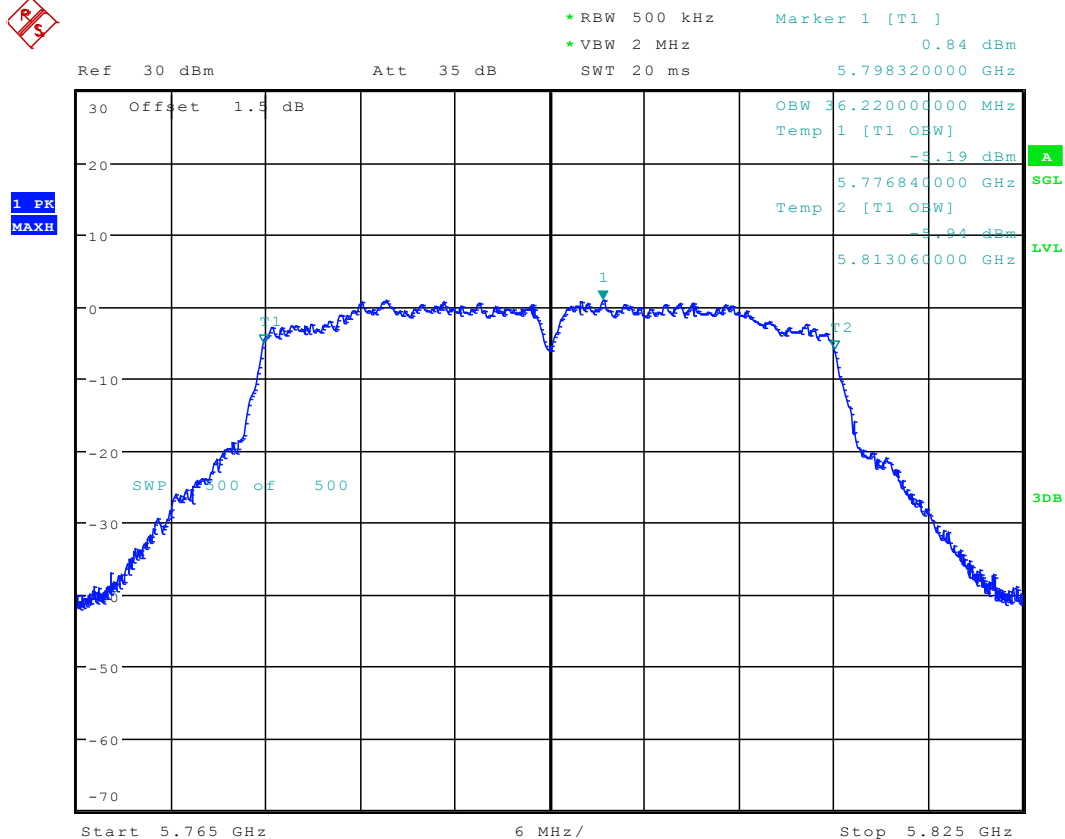
Date: 4.FEB.2018 18:20:57

6.71 11N40_159 ANT 1



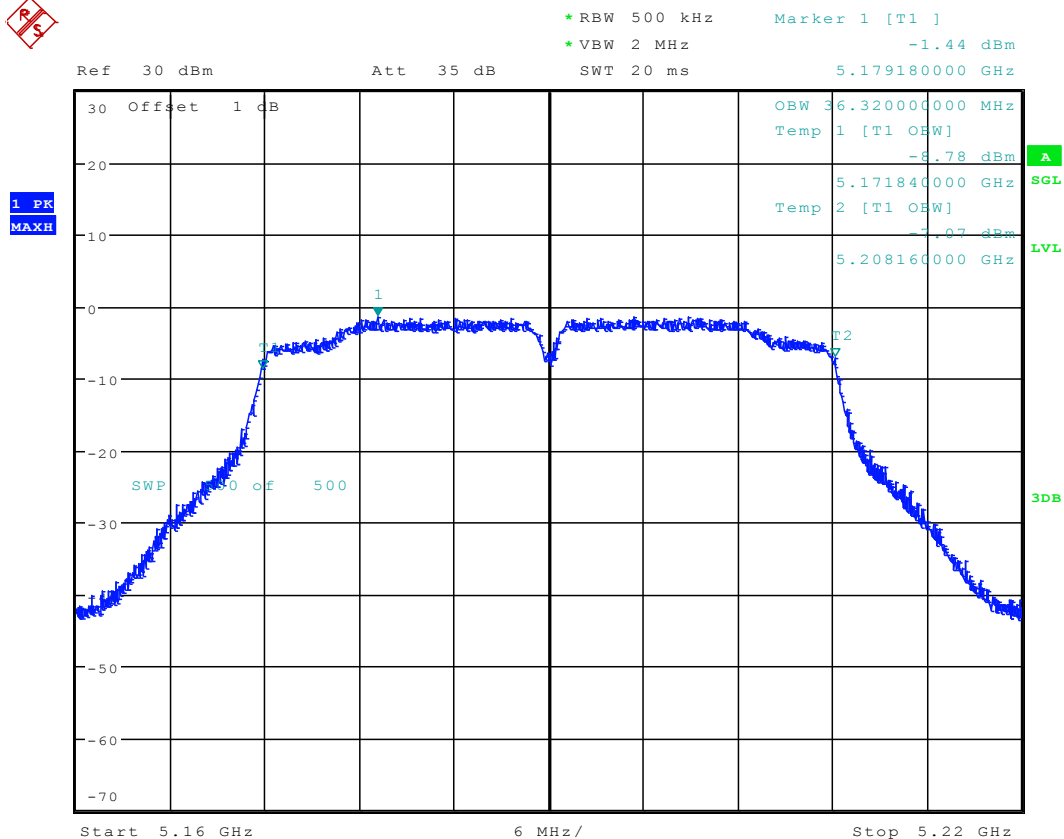
Date: 22.JAN.2018 16:39:53

6.72 11N40_159 ANT 2



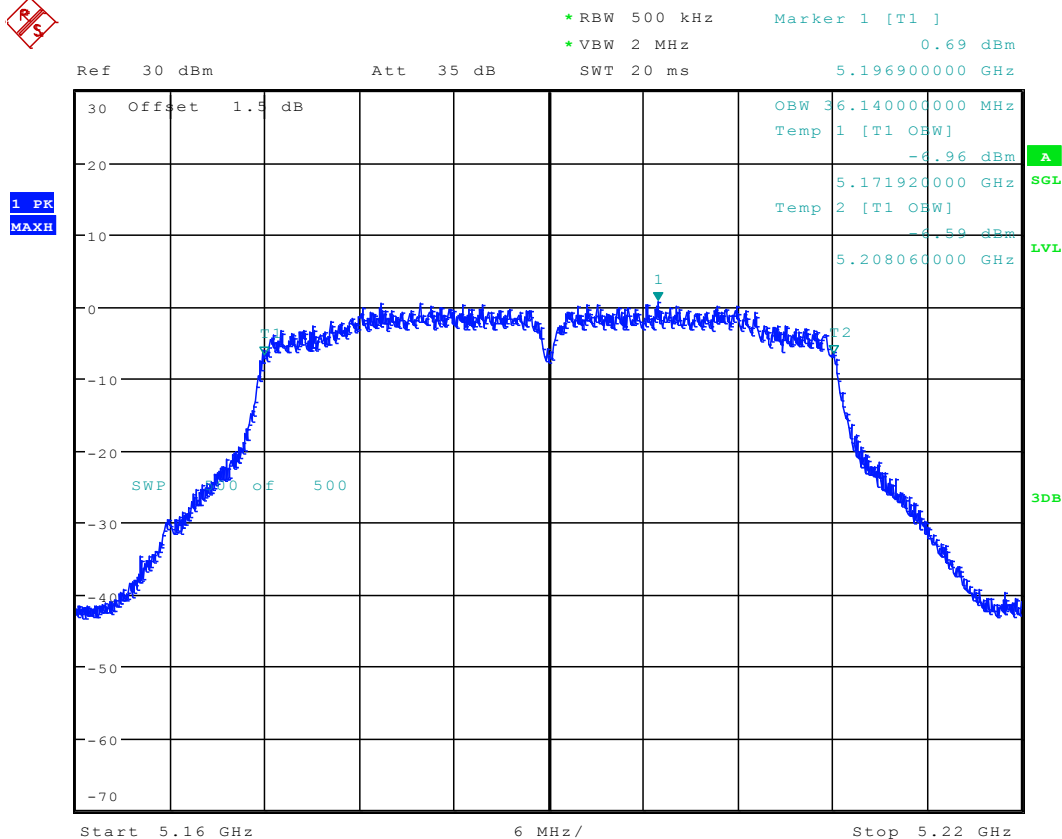
Date: 24.JAN.2018 15:41:04

6.73 11N40MIMO_38 ANT 1



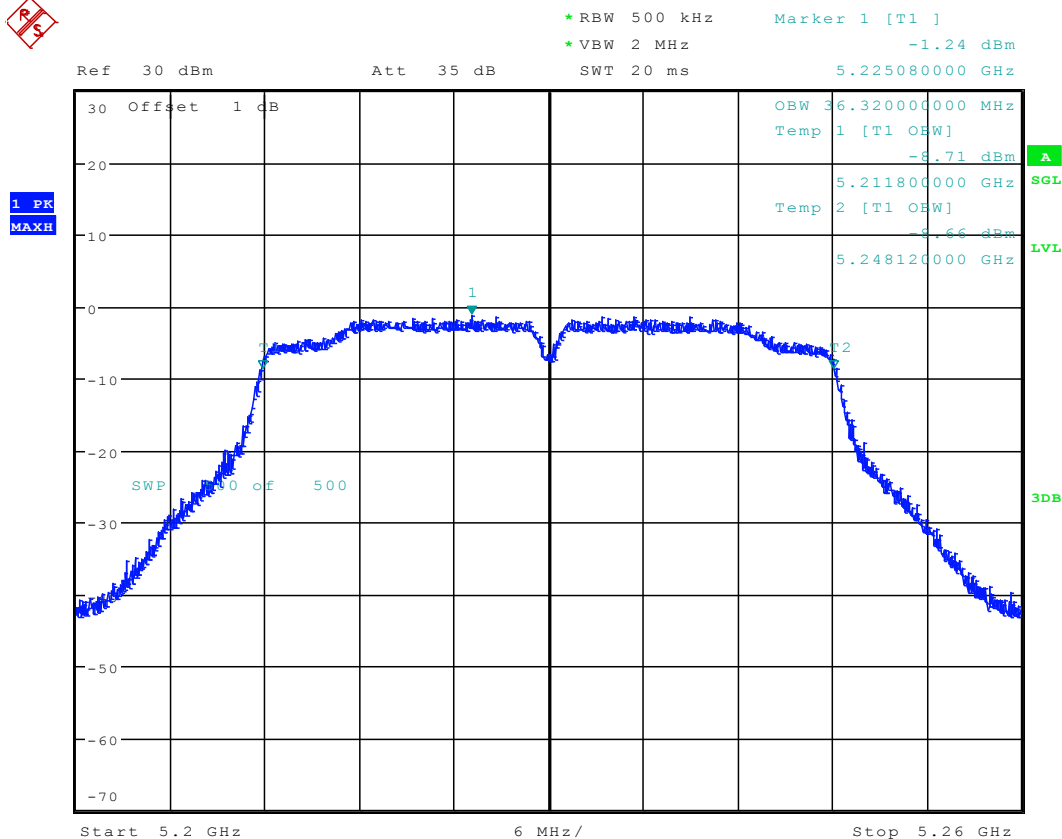
Date: 23.JAN.2018 15:13:25

6.74 11N40MIMO_38 ANT 2



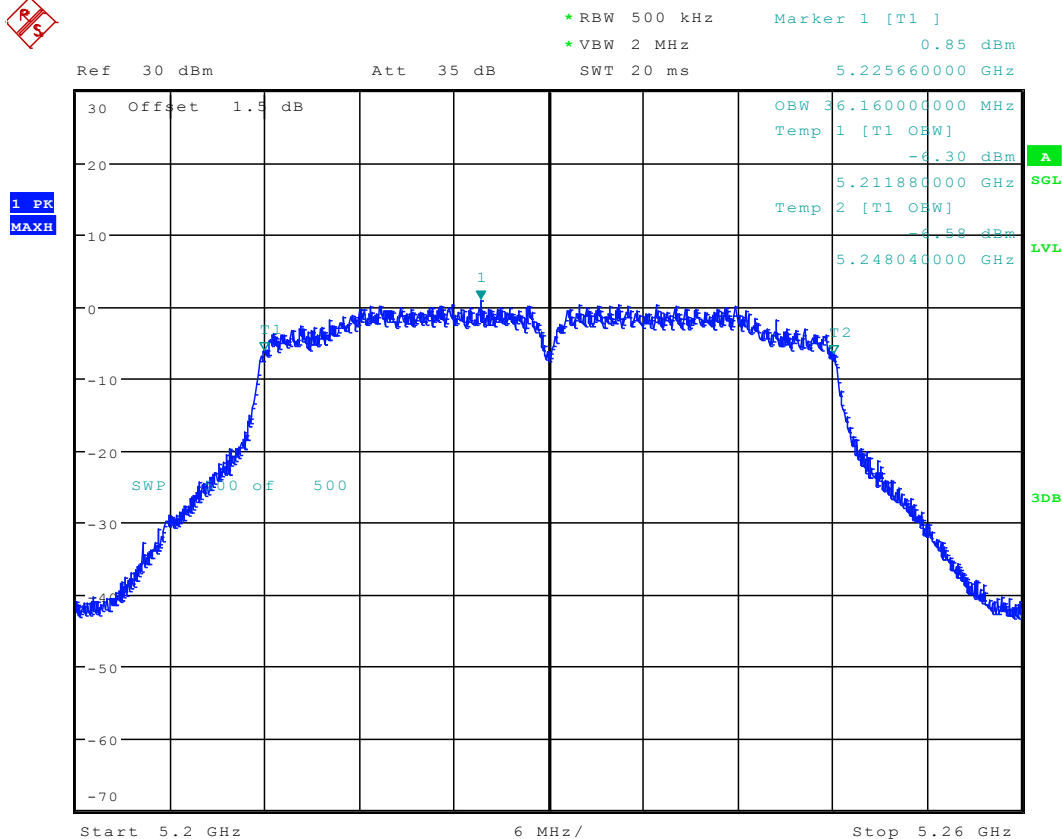
Date: 26.JAN.2018 15:28:38

6.75 11N40MIMO_46 ANT 1



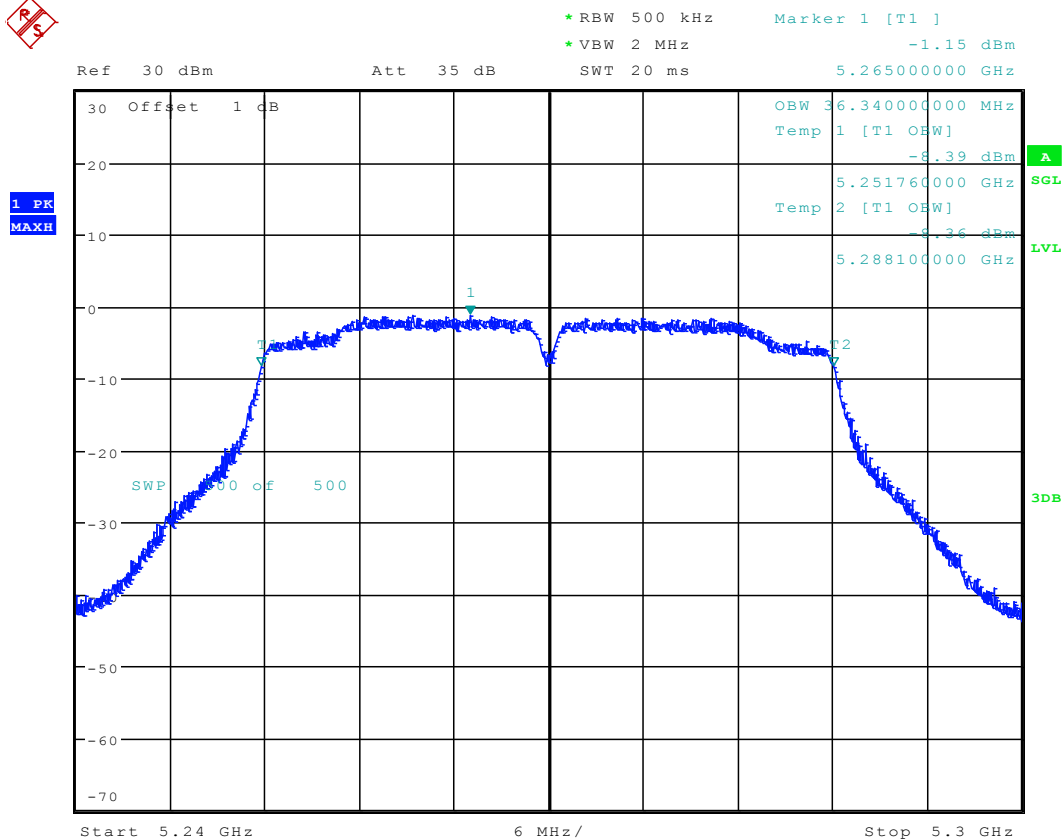
Date: 23.JAN.2018 15:16:33

6.76 11N40MIMO_46 ANT 2



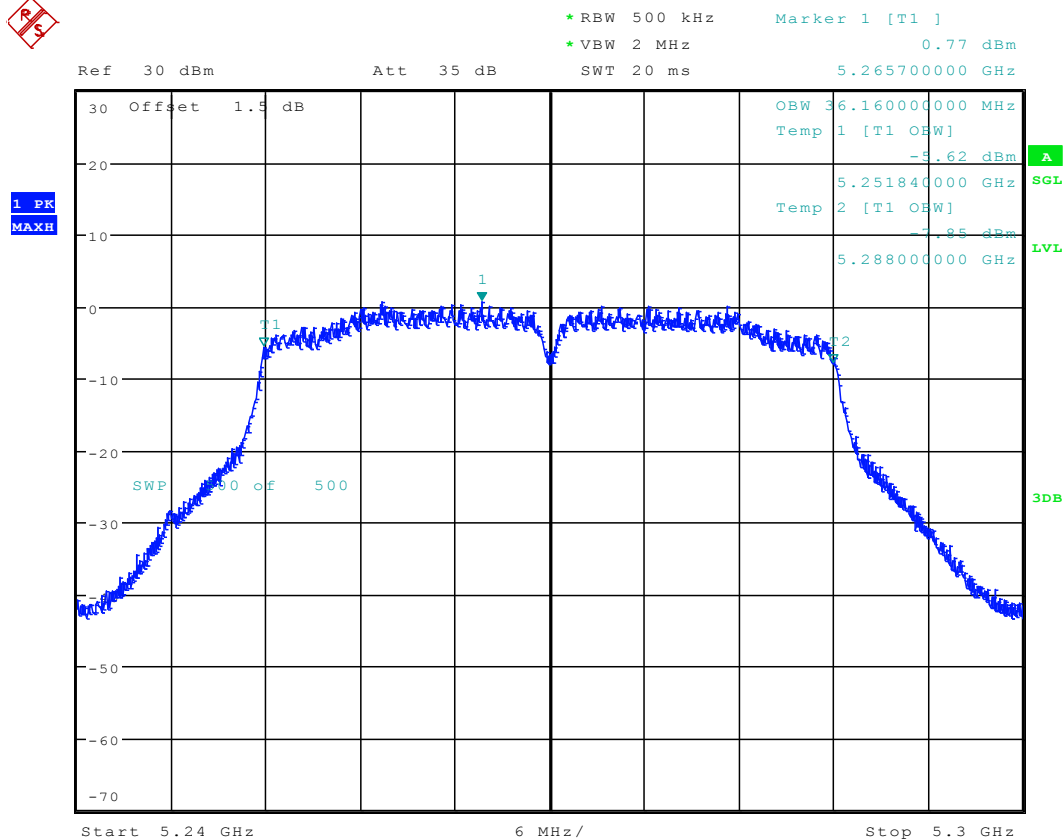
Date: 26.JAN.2018 15:31:40

6.77 11N40MIMO_54 ANT 1



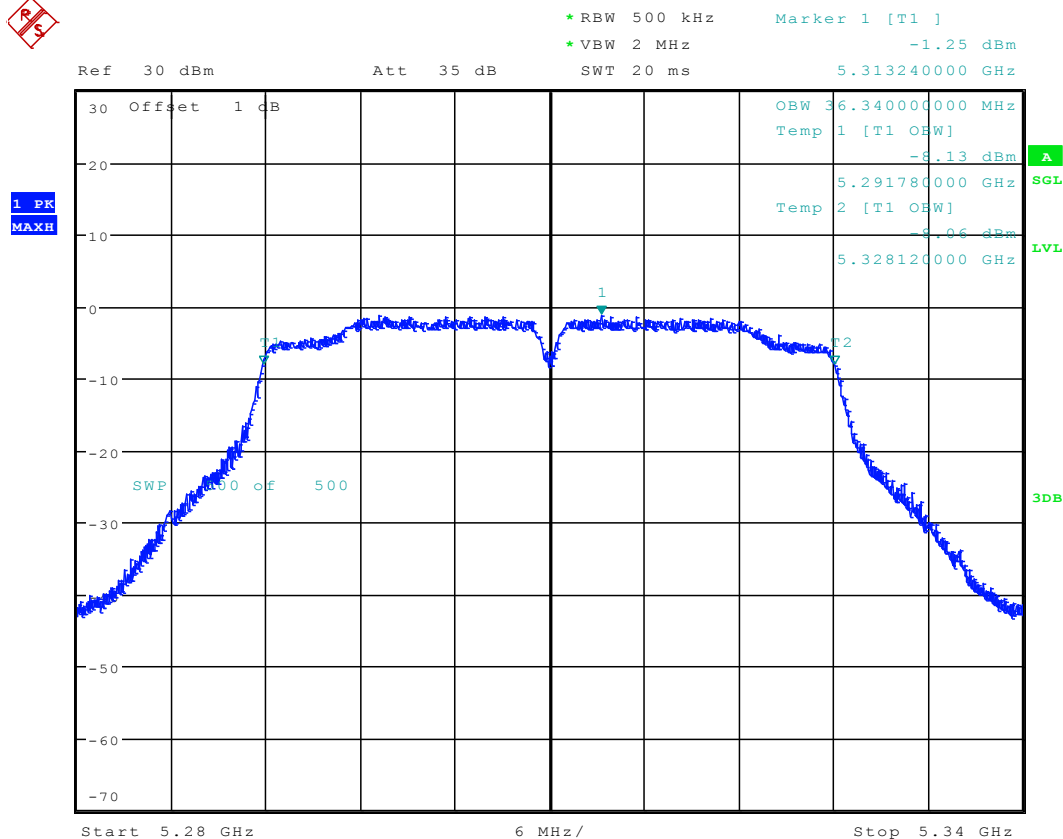
Date: 23.JAN.2018 15:19:42

6.78 11N40MIMO_54 ANT 2



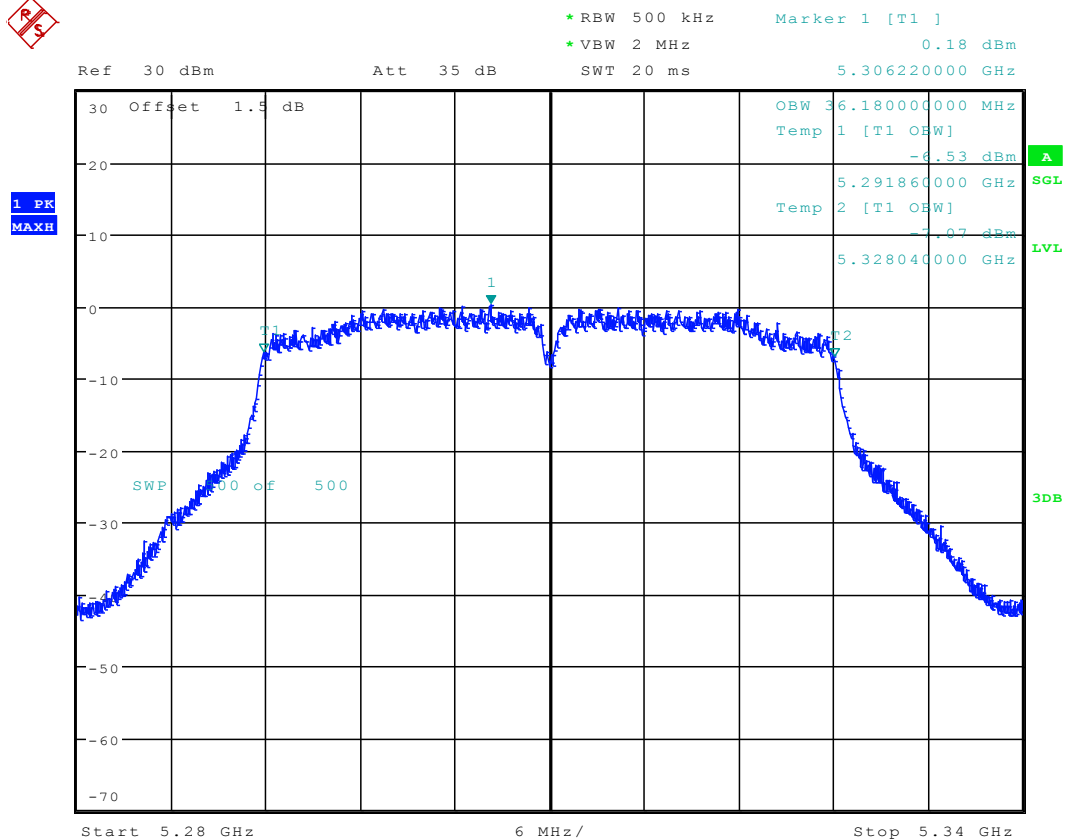
Date: 26.JAN.2018 15:34:23

6.79 11N40MIMO_62 ANT 1



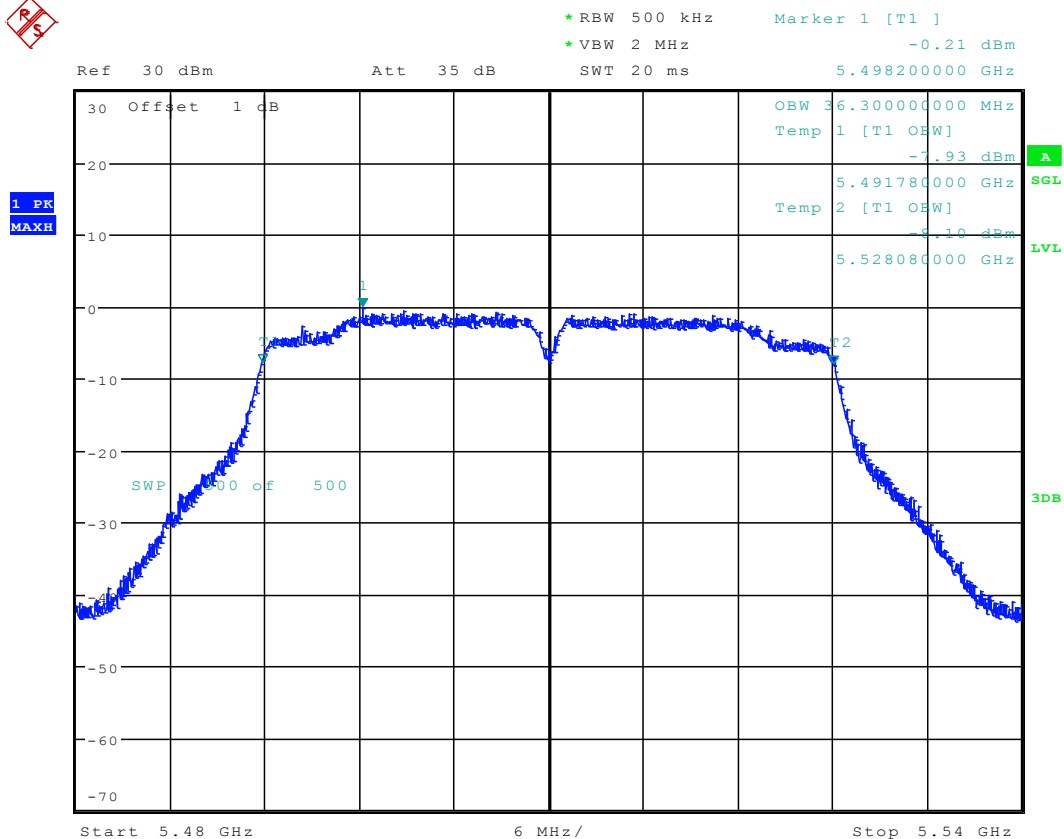
Date: 23.JAN.2018 15:22:06

6.80 11N40MIMO_62 ANT 2



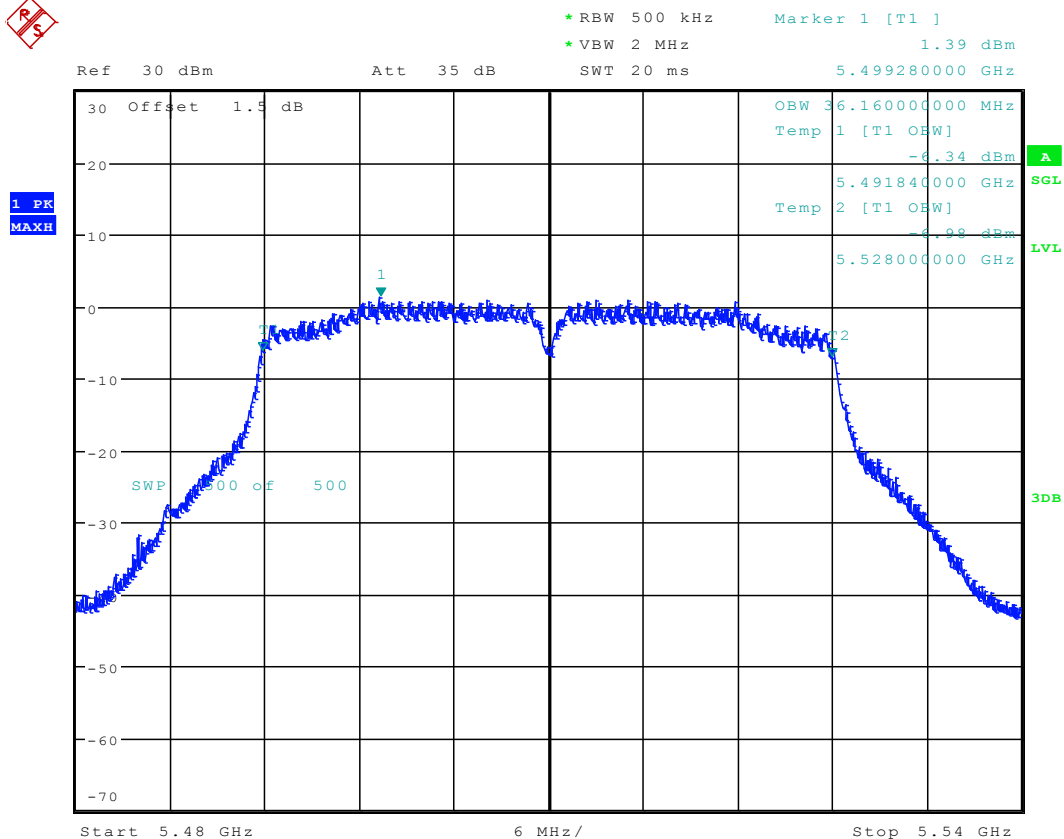
Date: 26.JAN.2018 15:37:07

6.81 11N40MIMO_102 ANT 1



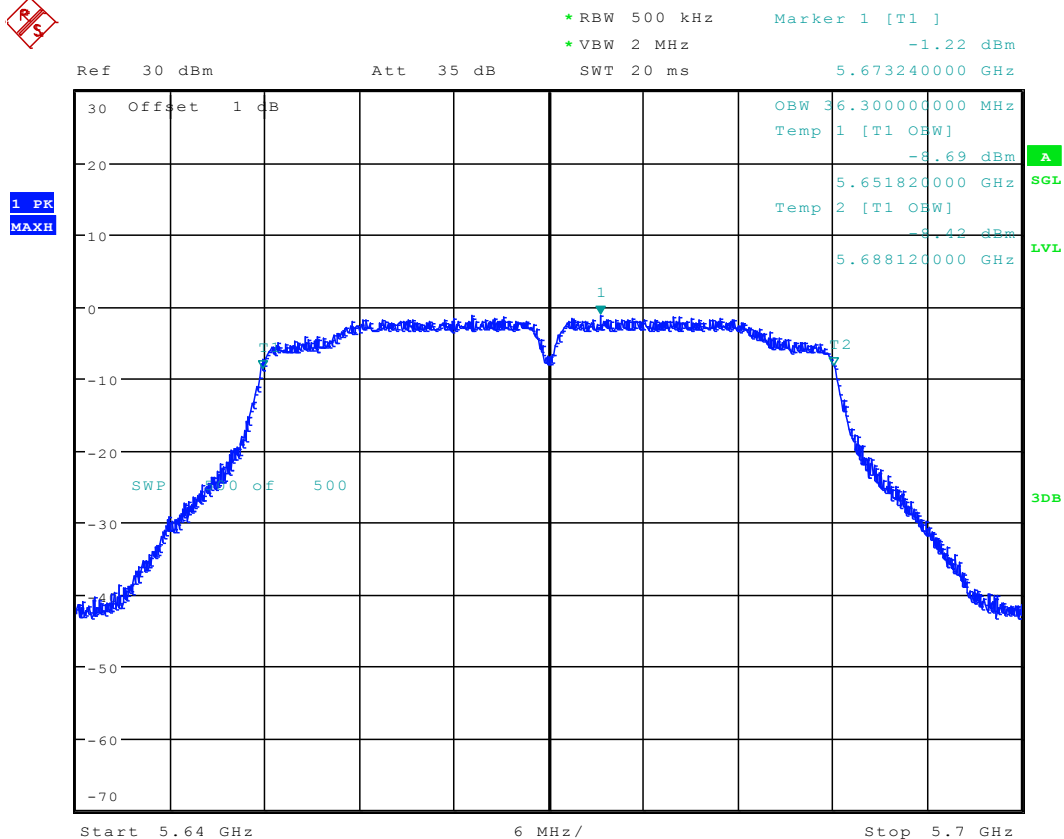
Date: 23.JAN.2018 15:25:17

6.82 11N40MIMO_102 ANT 2



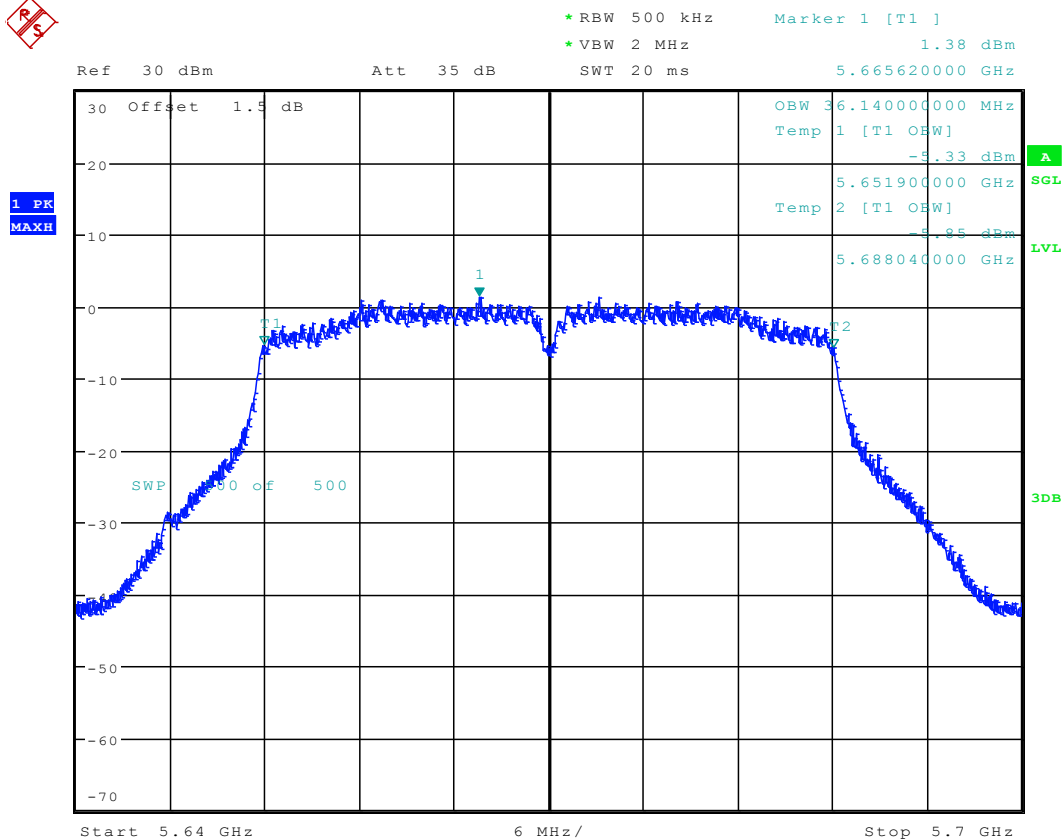
Date: 26.JAN.2018 15:39:44

6.83 11N40MIMO_134 ANT 1



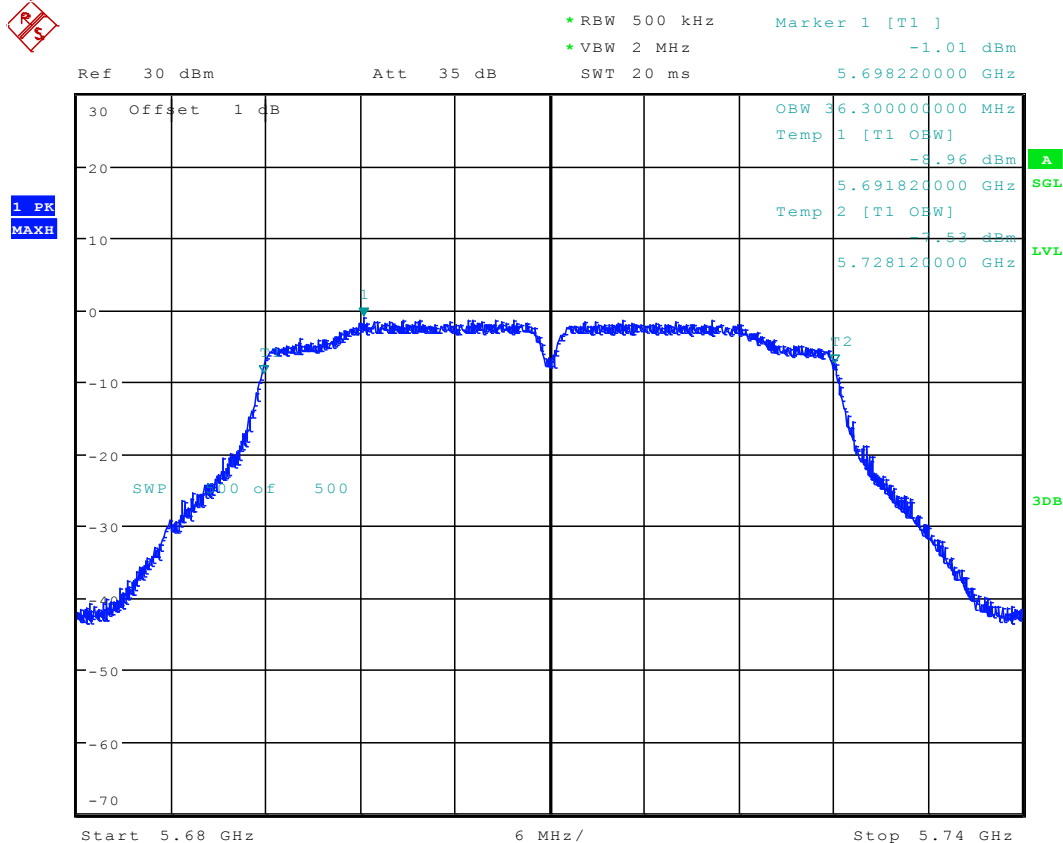
Date: 23.JAN.2018 15:27:49

6.84 11N40MIMO_134 ANT 2



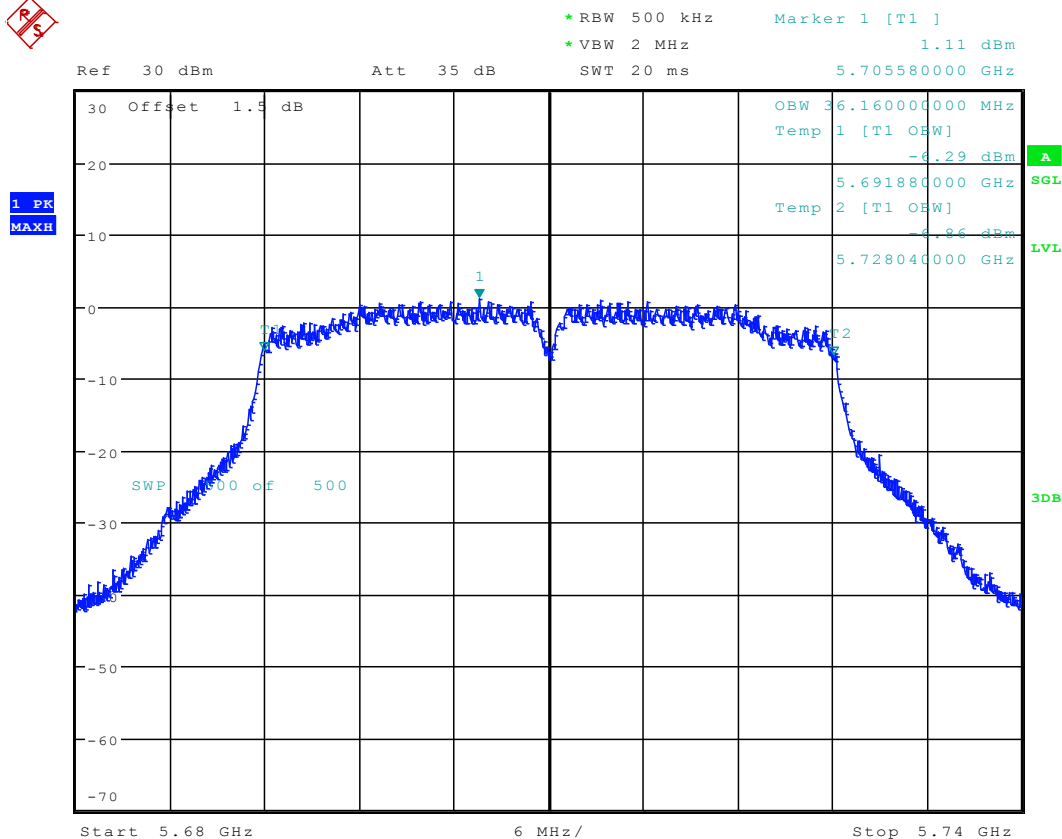
Date: 26.JAN.2018 15:42:10

6.85 11N40MIMO_142 ANT 1



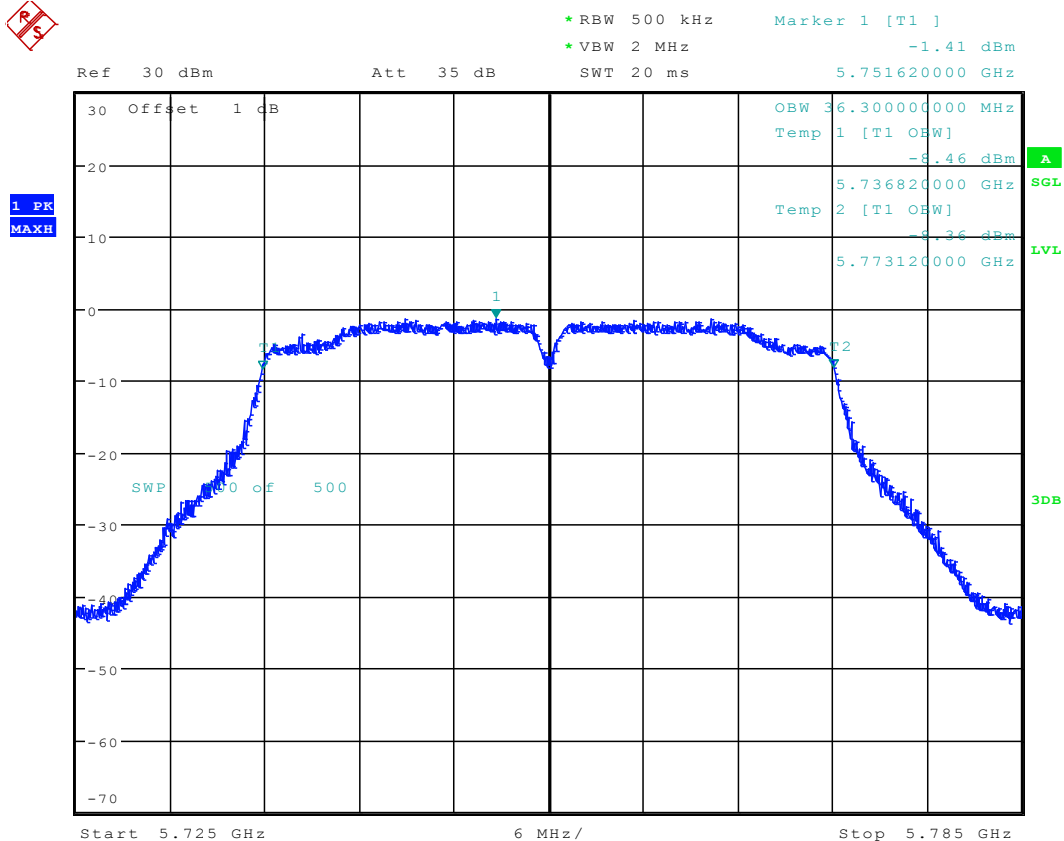
Date: 23.JAN.2018 15:30:32

6.86 11N40MIMO_142 ANT 2



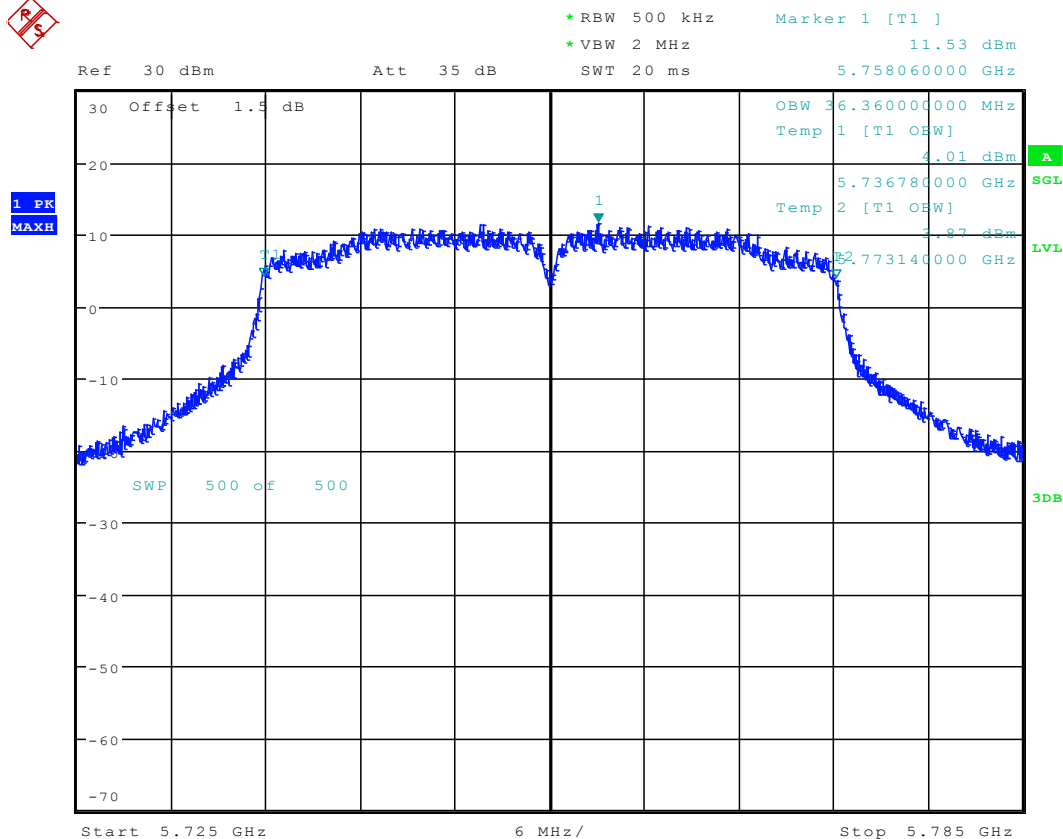
Date: 26.JAN.2018 15:44:38

6.87 11N40MIMO_151 ANT 1



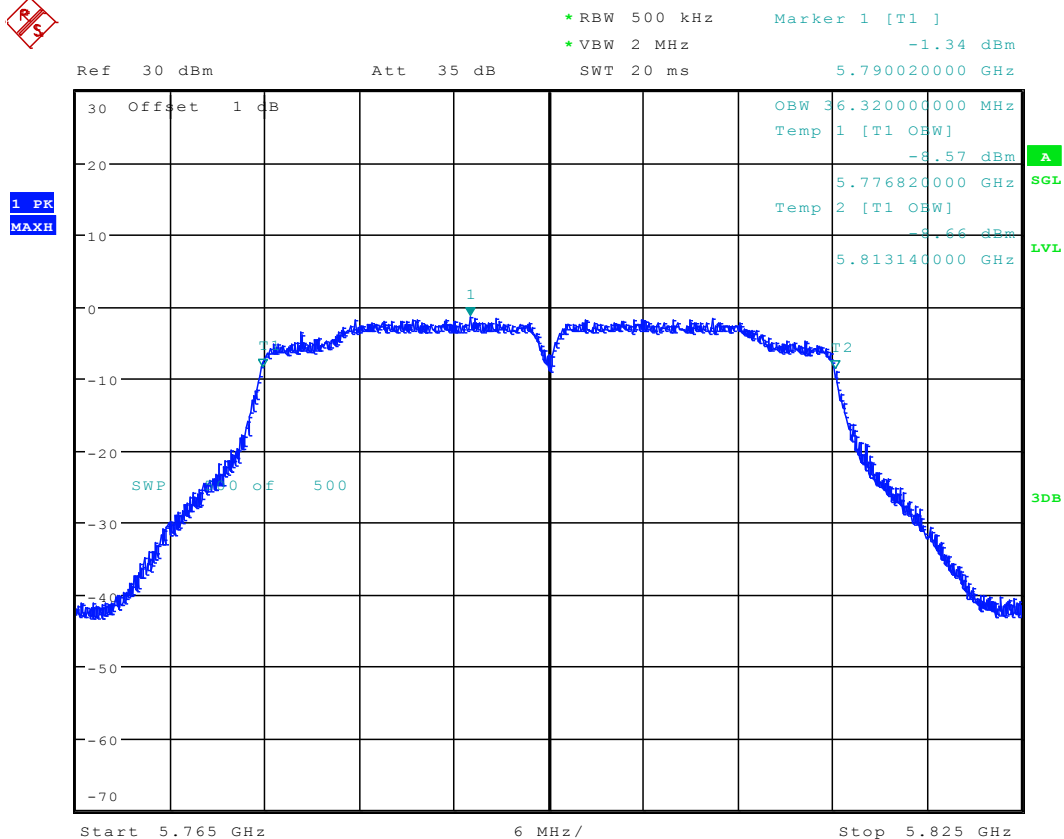
Date: 23.JAN.2018 15:33:16

6.88 11N40MIMO_151 ANT 2



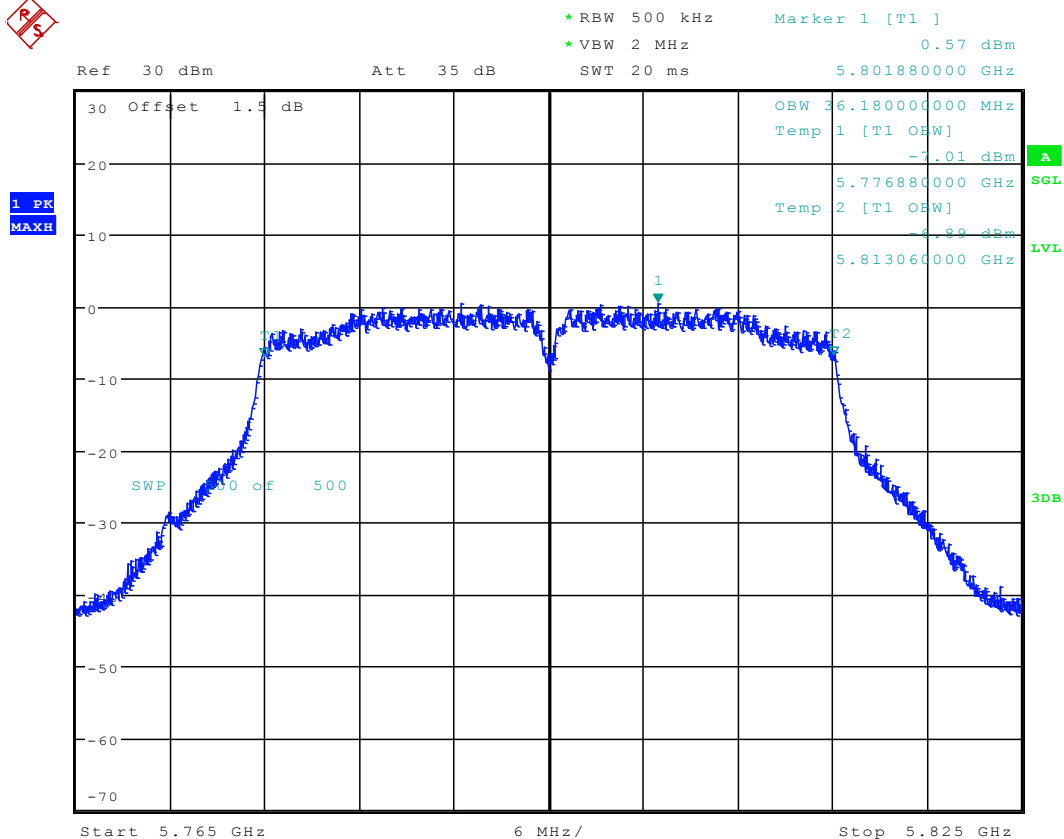
Date: 26.JAN.2018 15:47:59

6.89 11N40MIMO_159 ANT 1



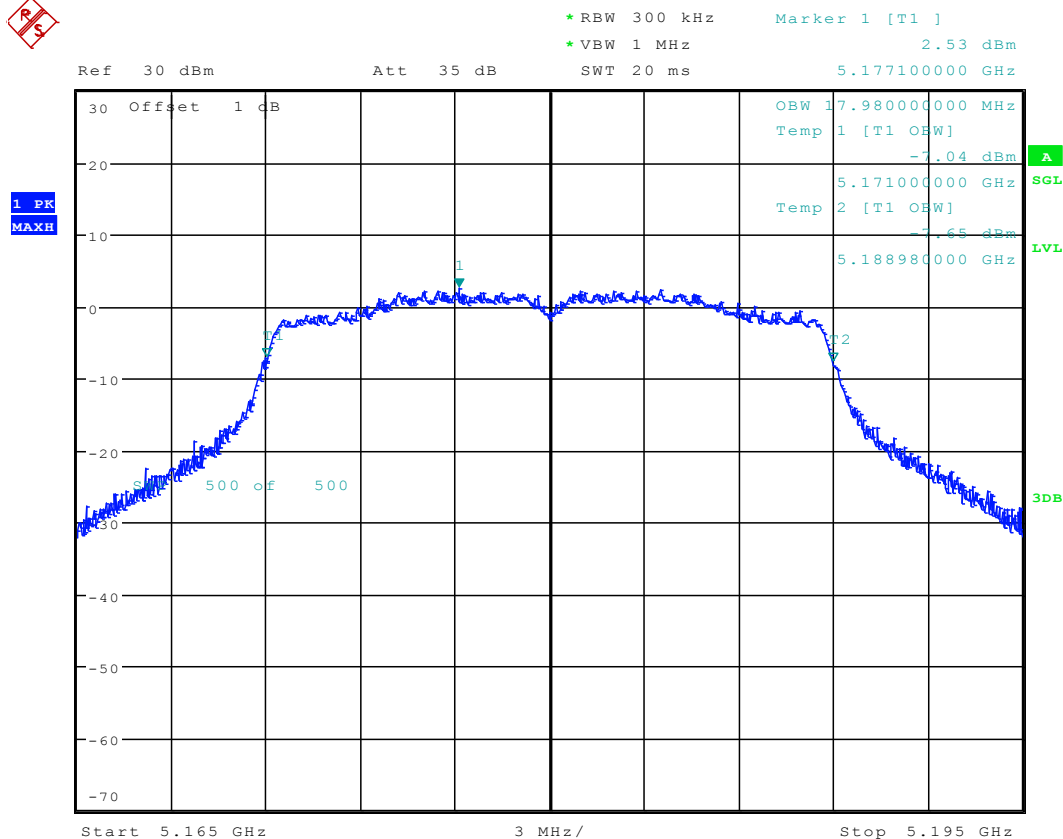
Date: 23.JAN.2018 15:36:31

6.90 11N40MIMO_159 ANT 2



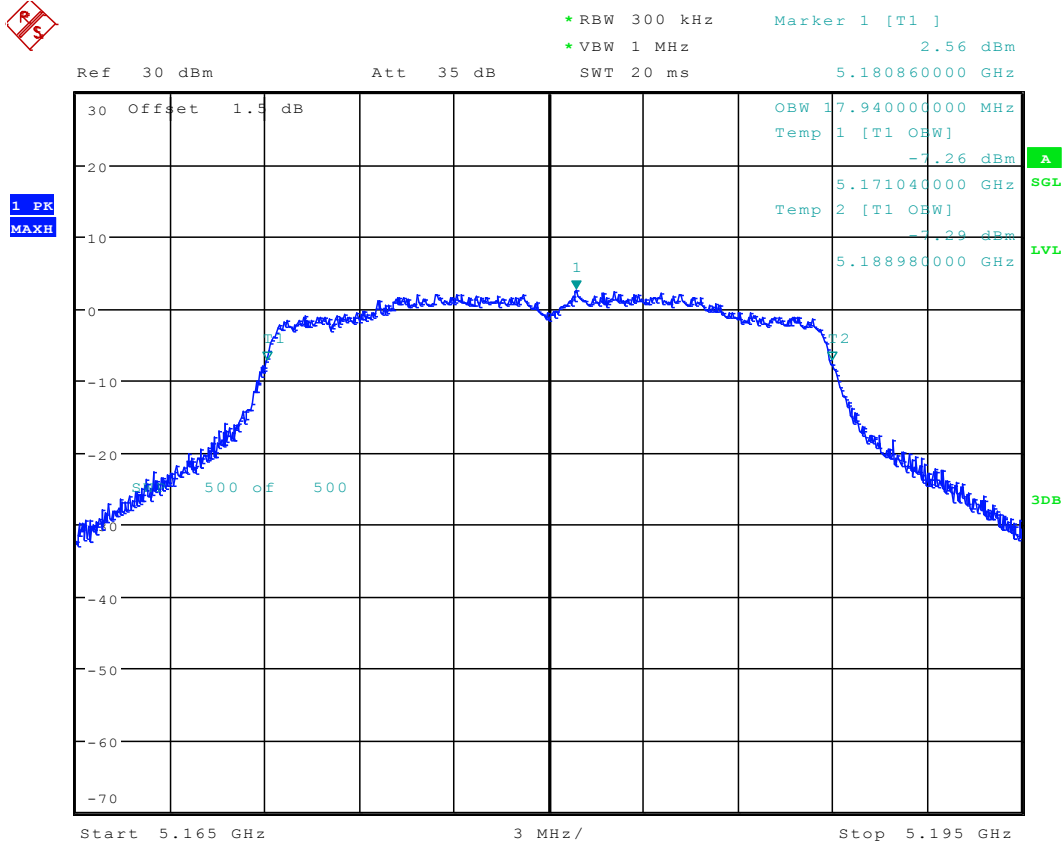
Date: 26.JAN.2018 15:51:50

6.91 11AC20_36 ANT 1



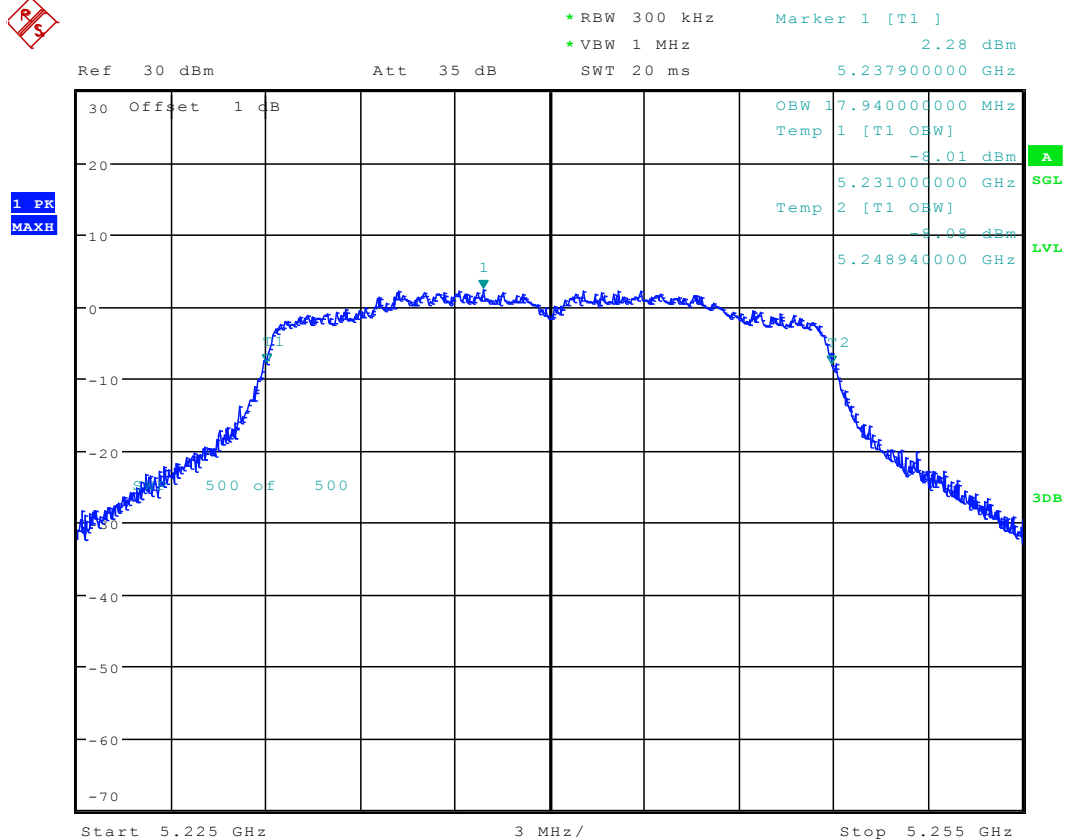
Date: 22.JAN.2018 15:25:37

6.92 11AC20_36 ANT 2



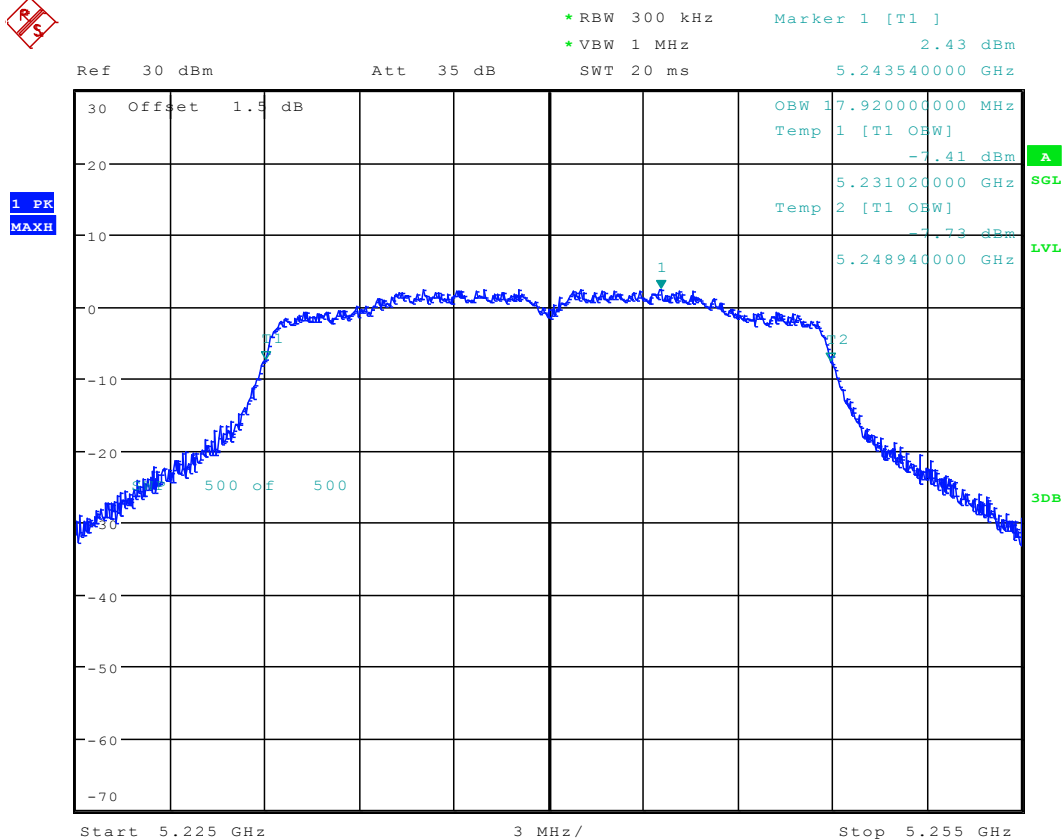
Date: 24.JAN.2018 13:49:12

6.93 11AC20_48 ANT 1



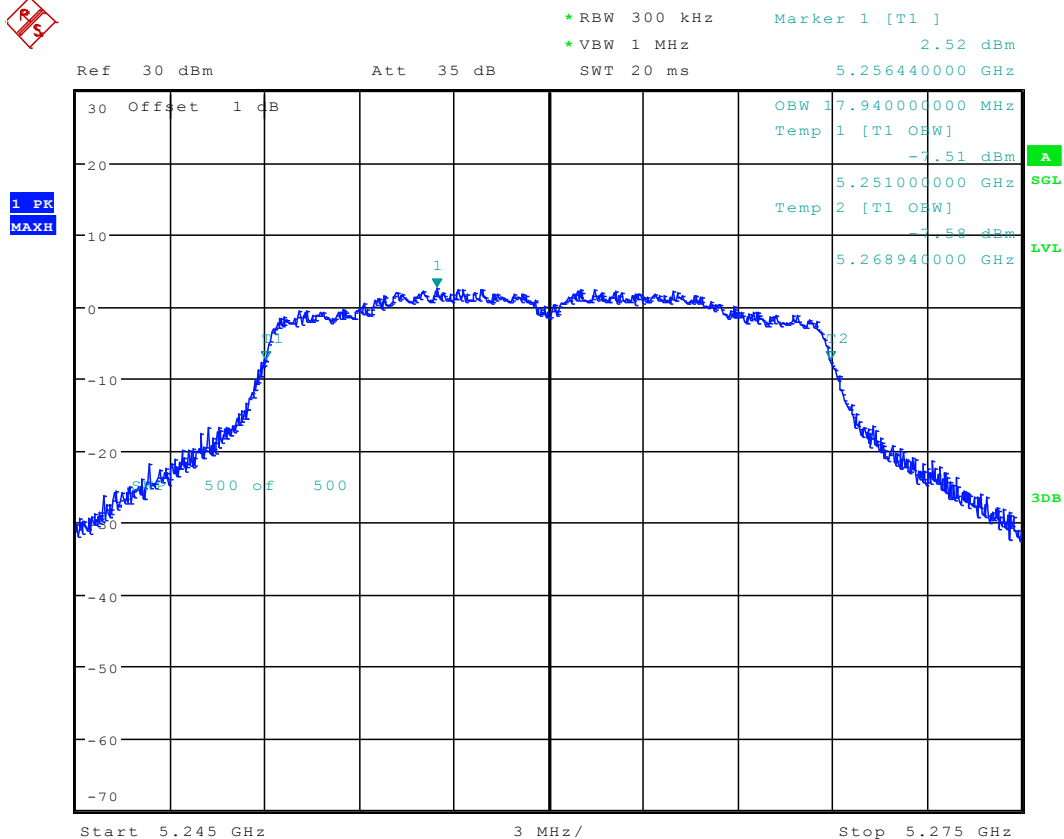
Date: 22.JAN.2018 15:29:06

6.94 11AC20_48 ANT 2



Date: 26.JAN.2018 18:19:52

6.95 11AC20_52 ANT 1



Date: 22.JAN.2018 15:32:25



Ref 30 dBm

Att 35 dB

SWT 20 ms

5.256500000 GHz



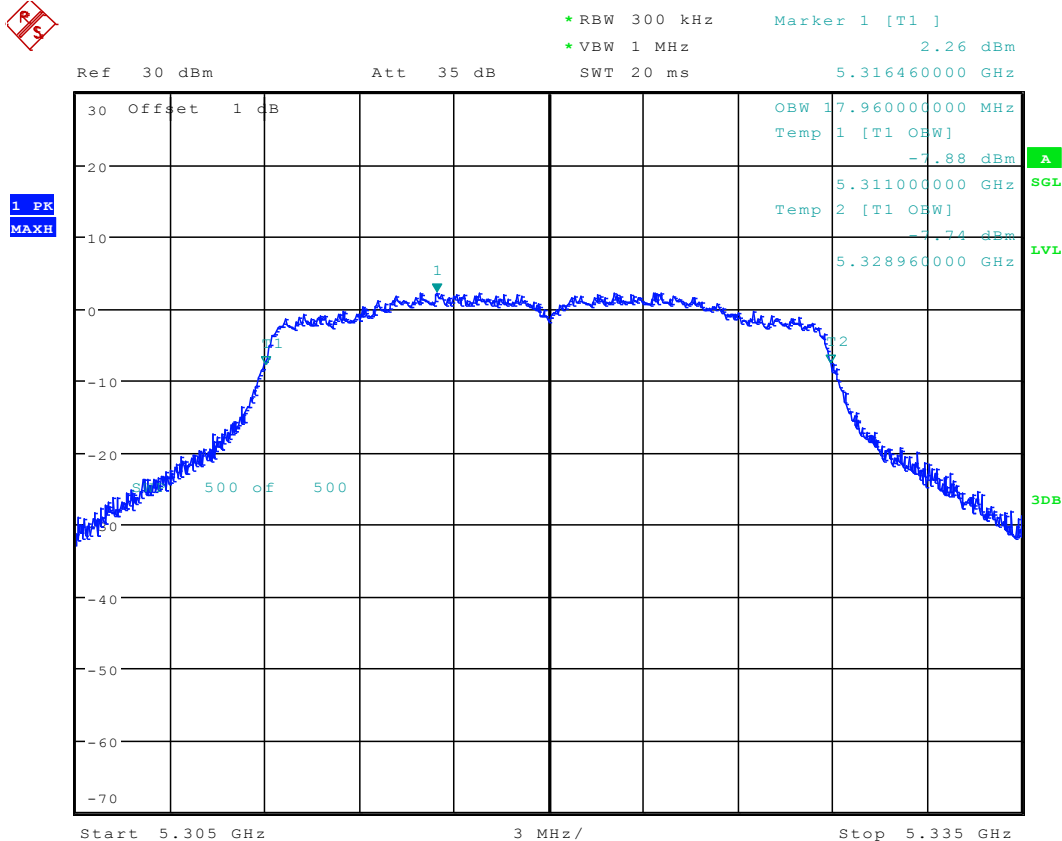
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SGL

LVL

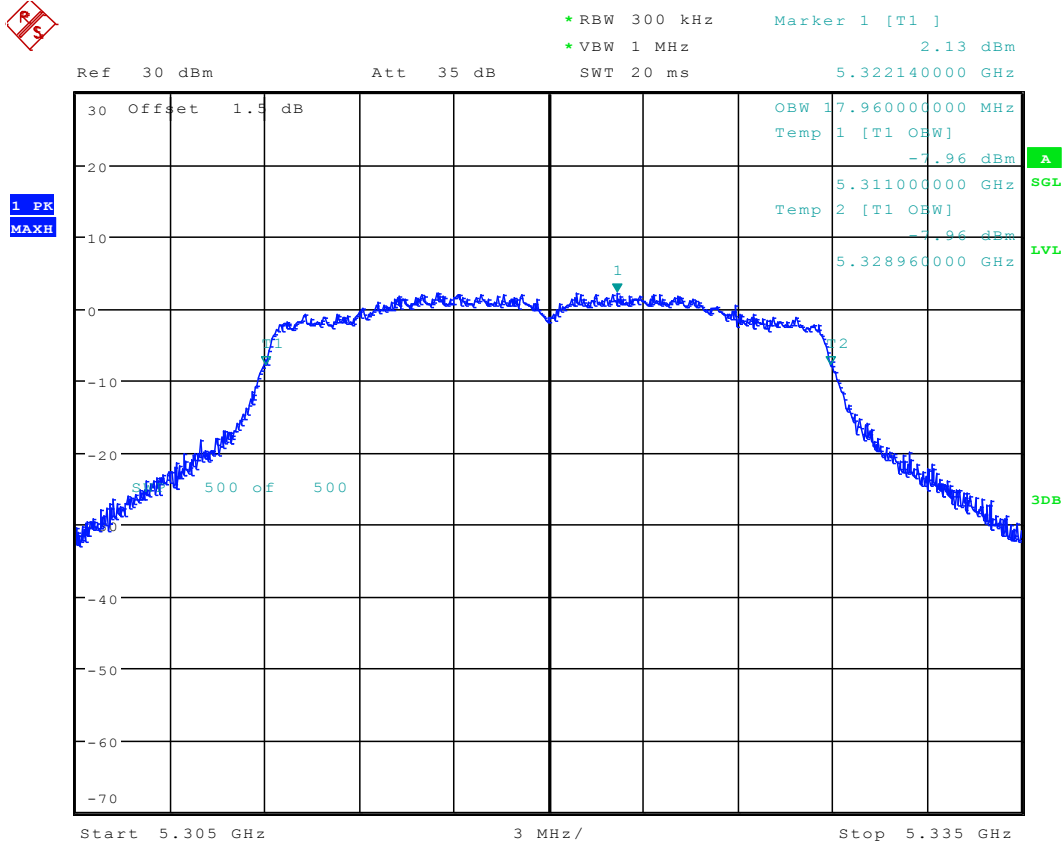
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6.97 11AC20_64 ANT 1



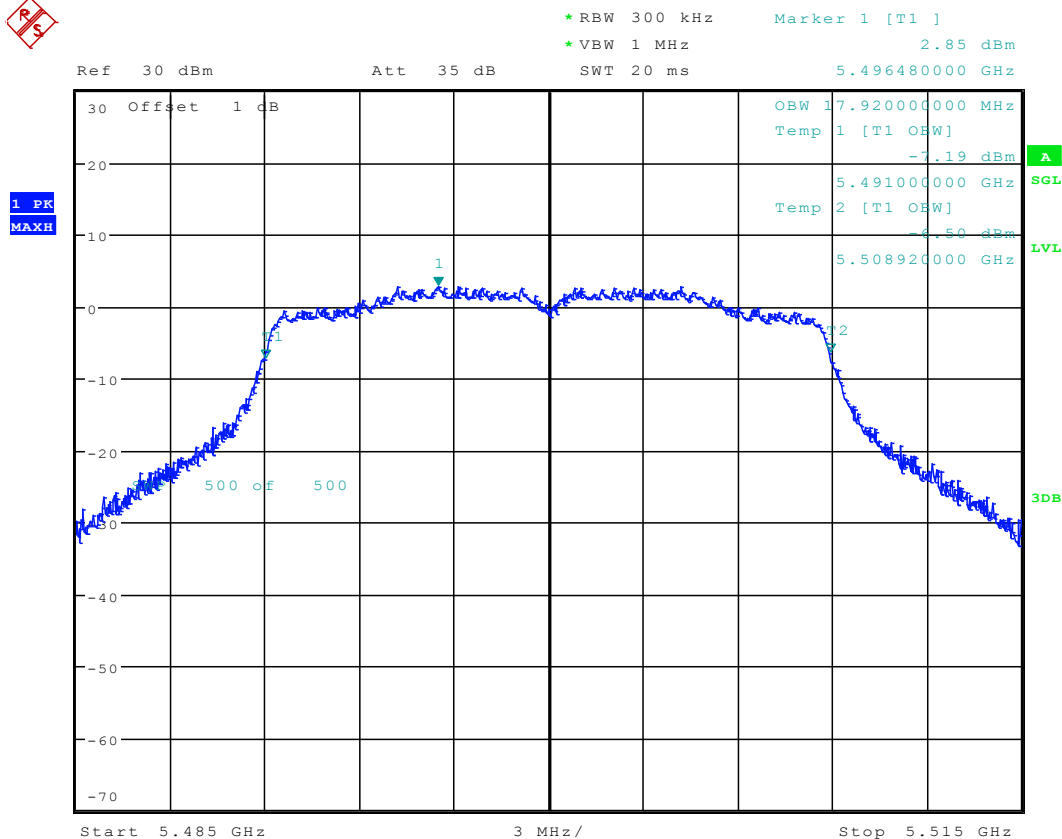
Date: 22.JAN.2018 15:39:15

6.98 11AC20_64 ANT 2



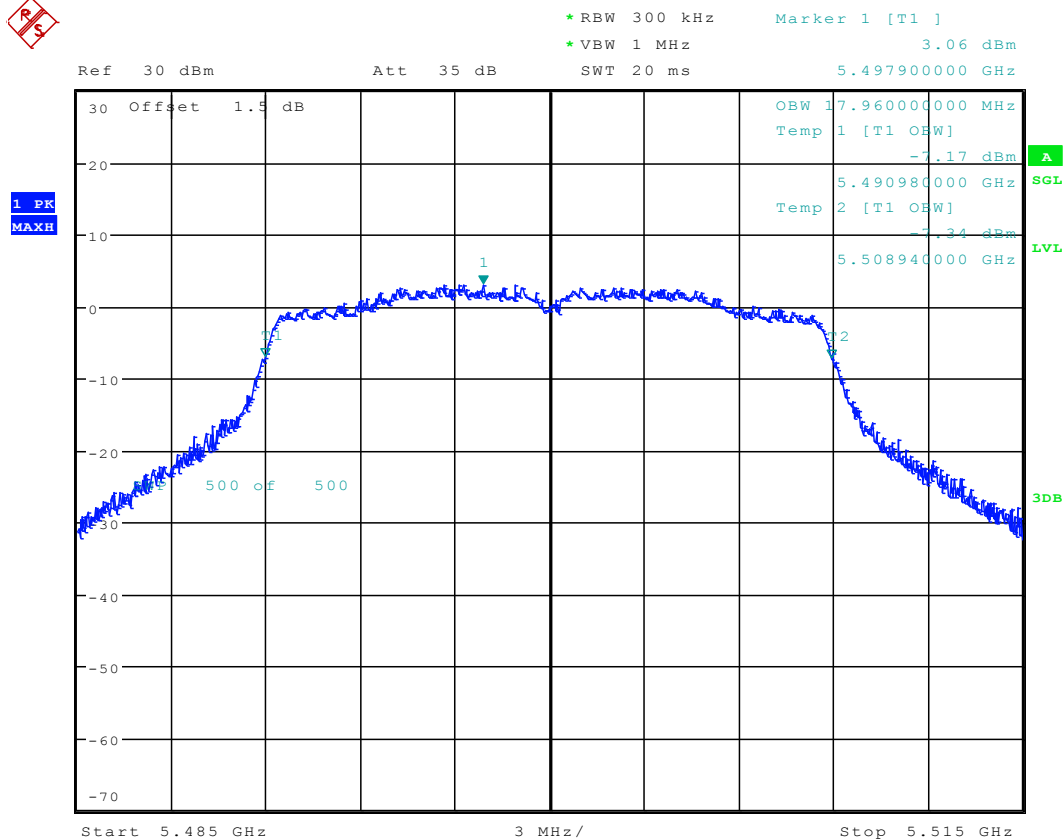
Date: 24.JAN.2018 14:00:03

6.99 11AC20_100 ANT 1



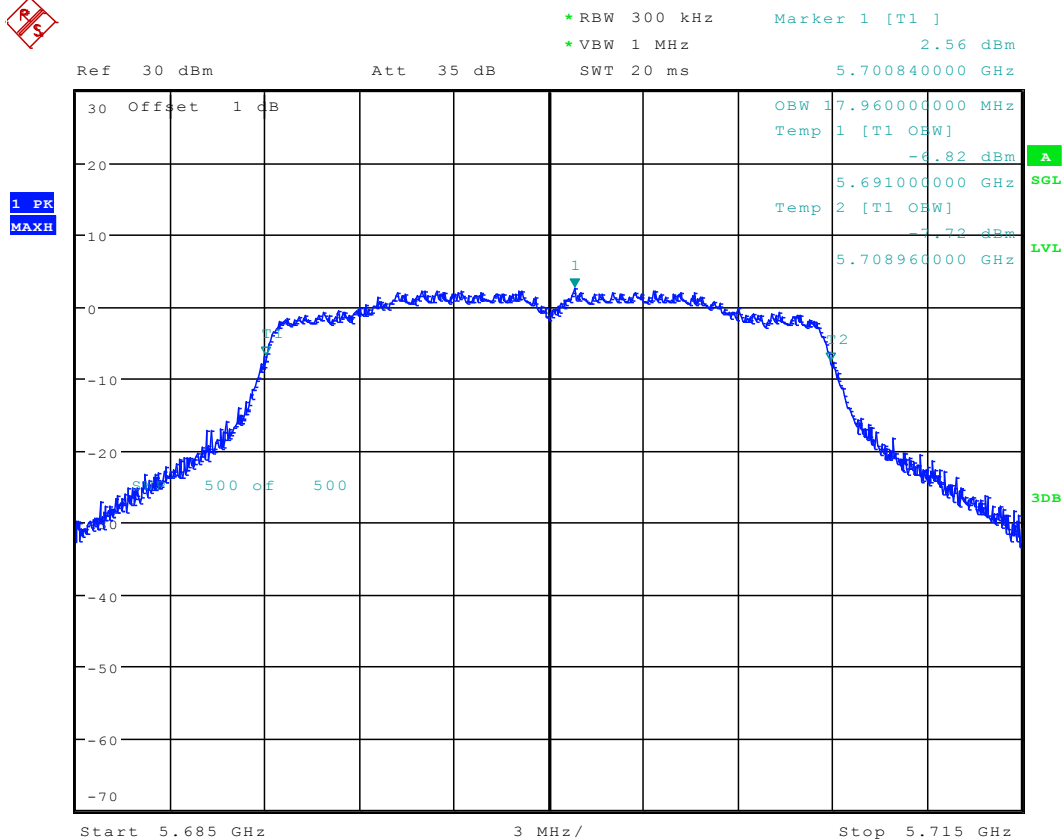
Date: 22.JAN.2018 15:44:01

6.100 11AC20_100 ANT 2



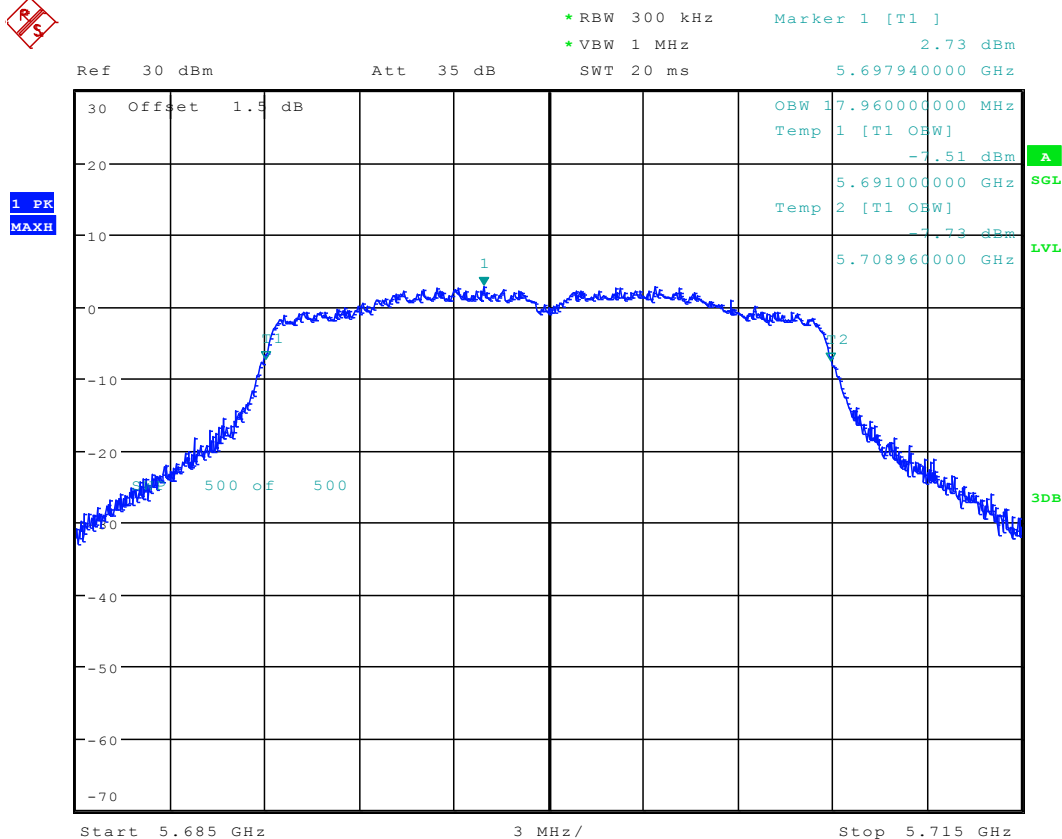
Date: 24.JAN.2018 14:02:33

6.101 11AC20_140 ANT 1



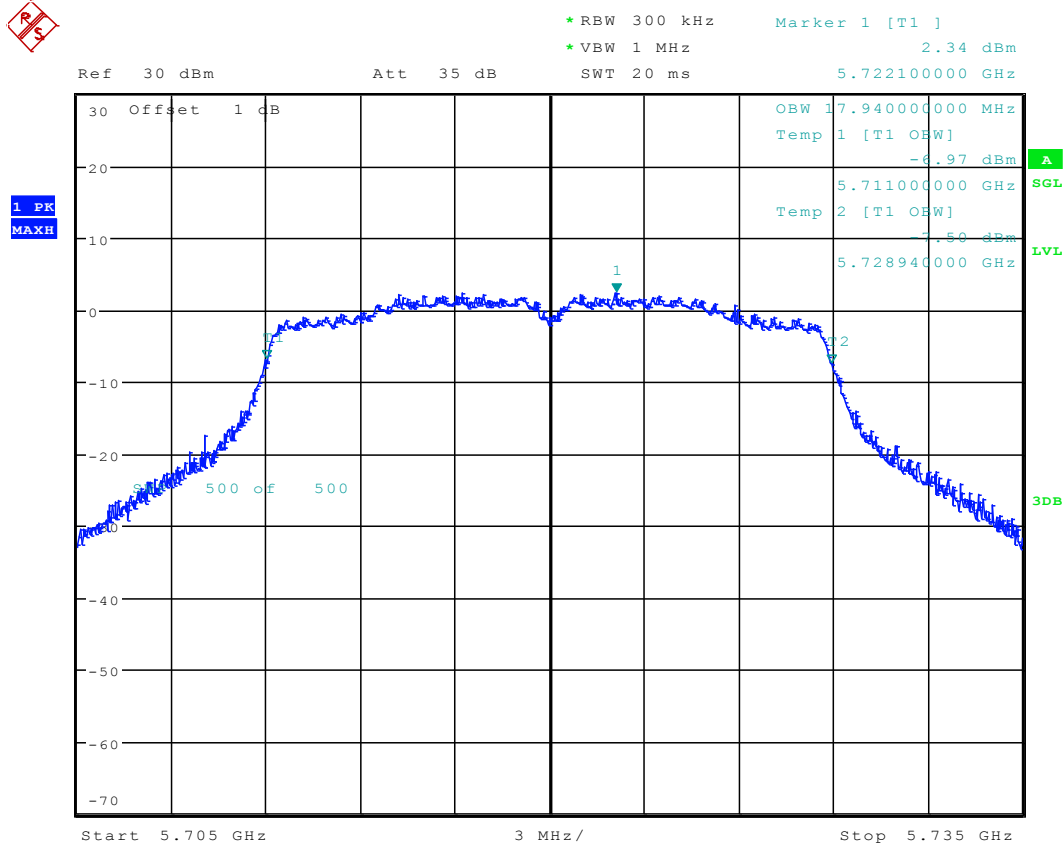
Date: 22.JAN.2018 15:46:31

6.102 11AC20_140 ANT 2



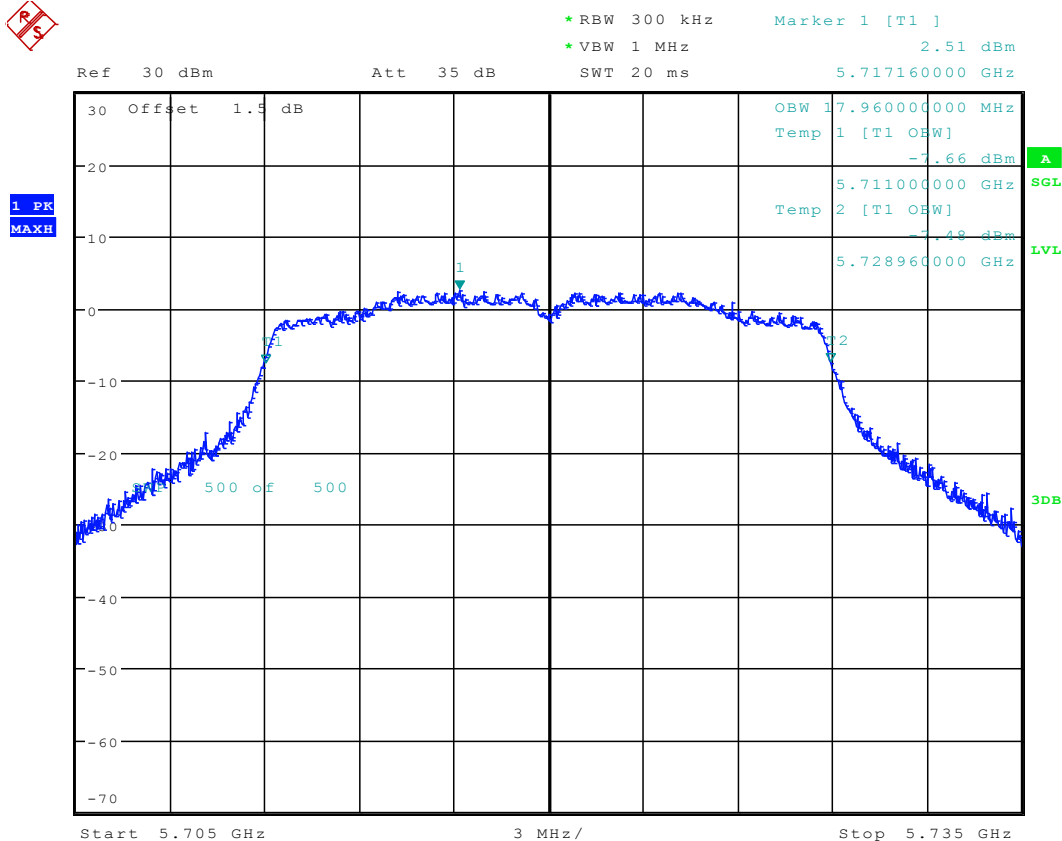
Date: 24.JAN.2018 14:04:59

6.103 11AC20_144 ANT 1

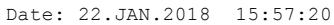


Date: 22.JAN.2018 15:51:35

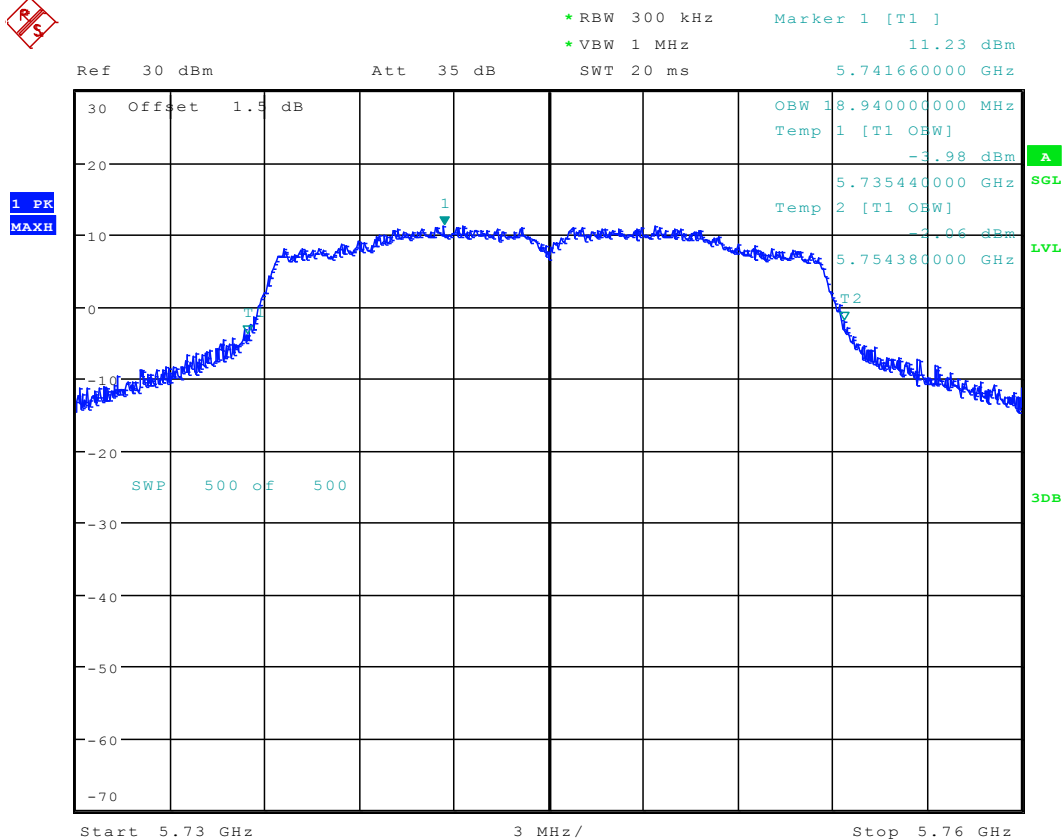
6.104 11AC20_144 ANT 2



Date: 24.JAN.2018 14:07:16

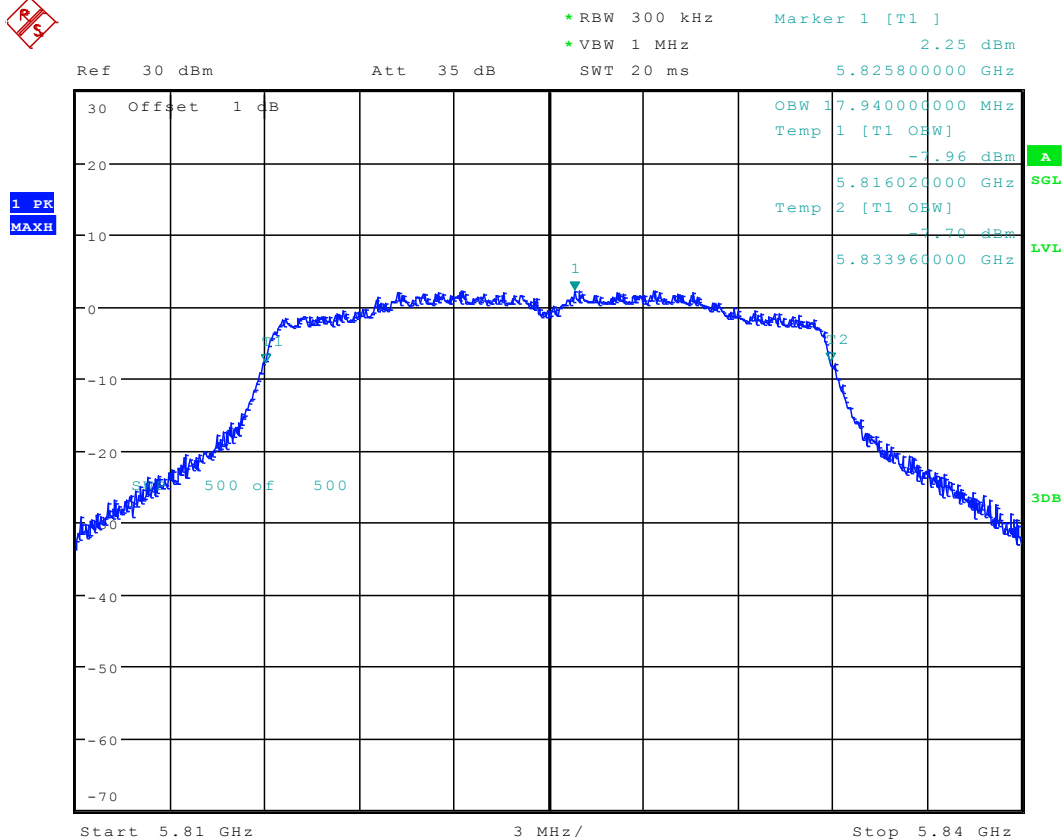


6.106 11AC20_149 ANT 2



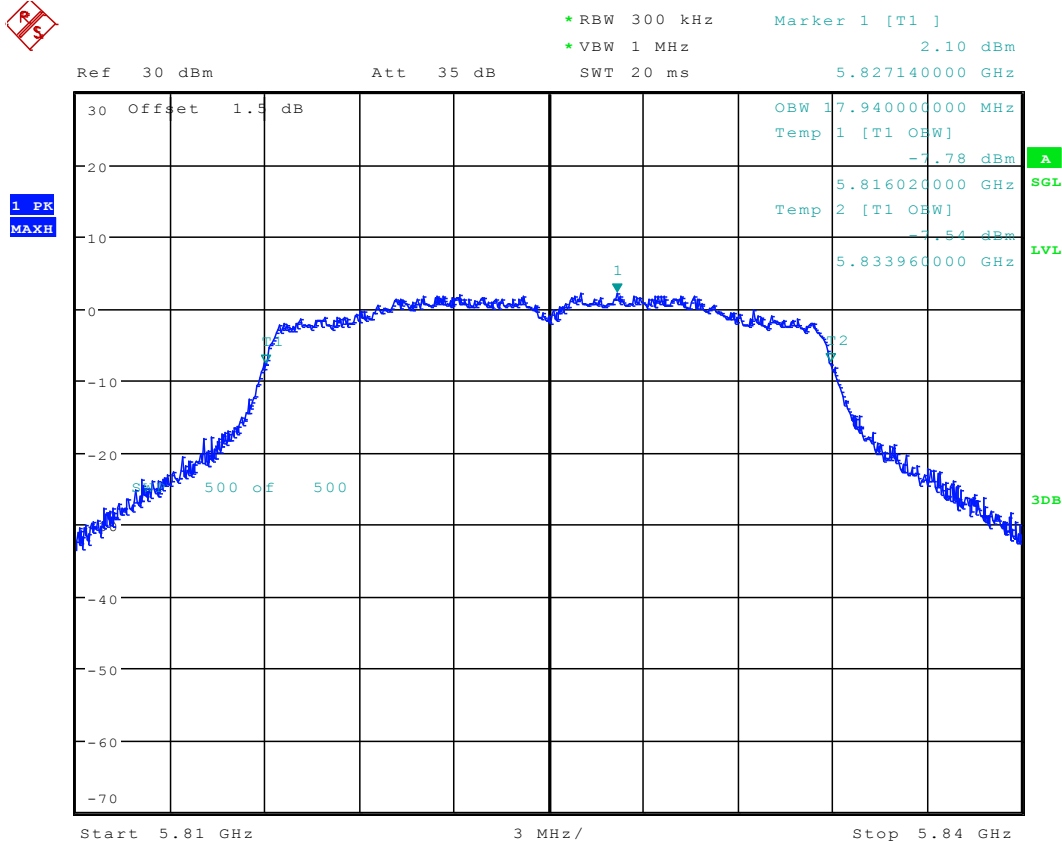
Date: 24.JAN.2018 15:00:26

6.107 11AC20_165 ANT 1



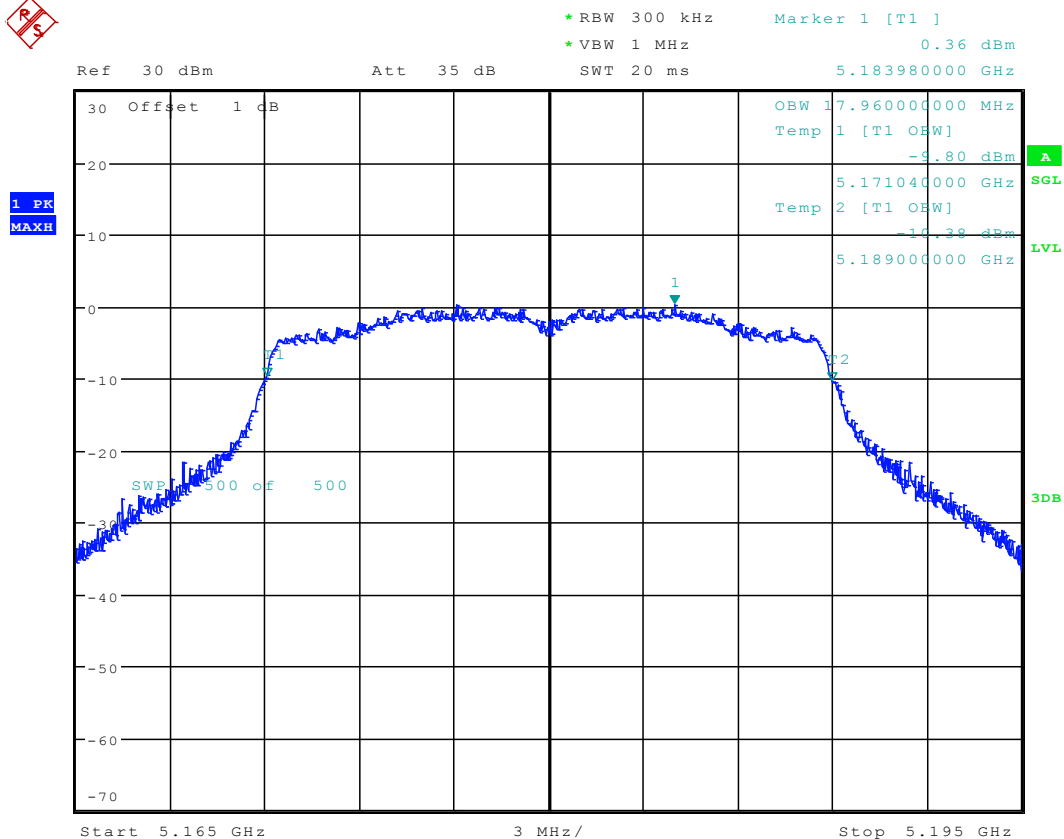
Date: 22.JAN.2018 16:01:33

6.108 11AC20_165 ANT 2



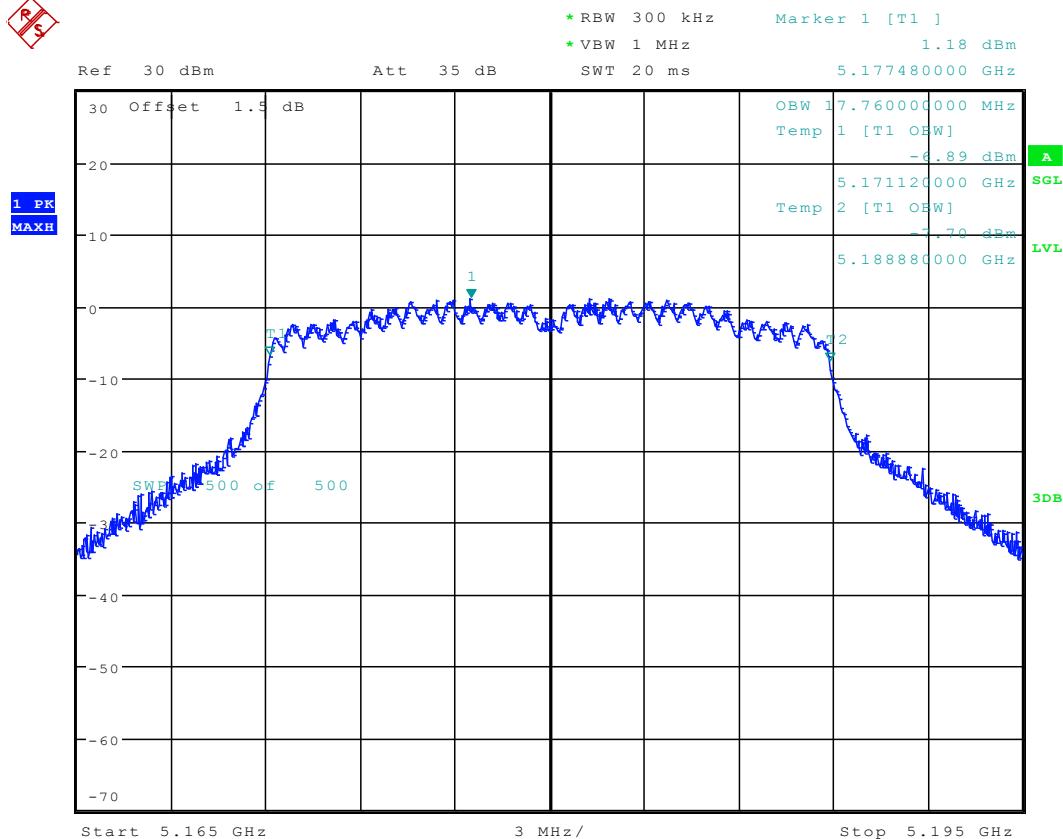
Date: 24.JAN.2018 15:03:32

6.109 11AC20MIMO_36 ANT 1



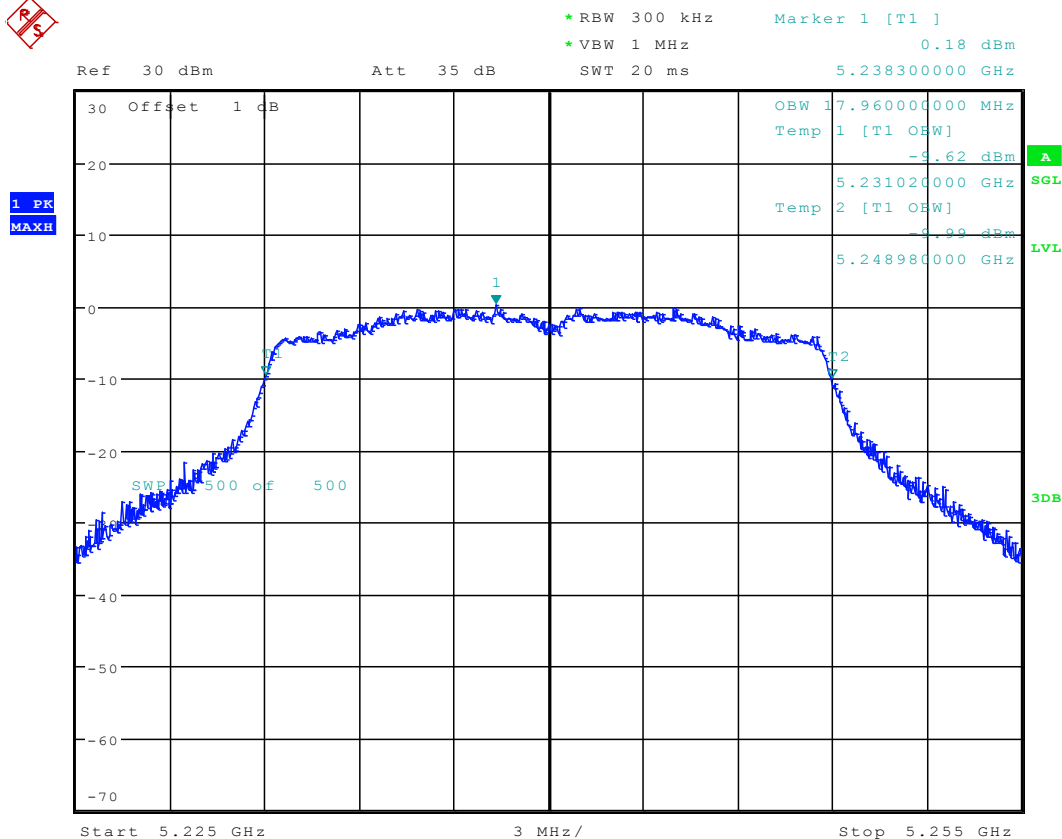
Date: 23.JAN.2018 15:41:28

6.110 11AC20MIMO_36 ANT 2



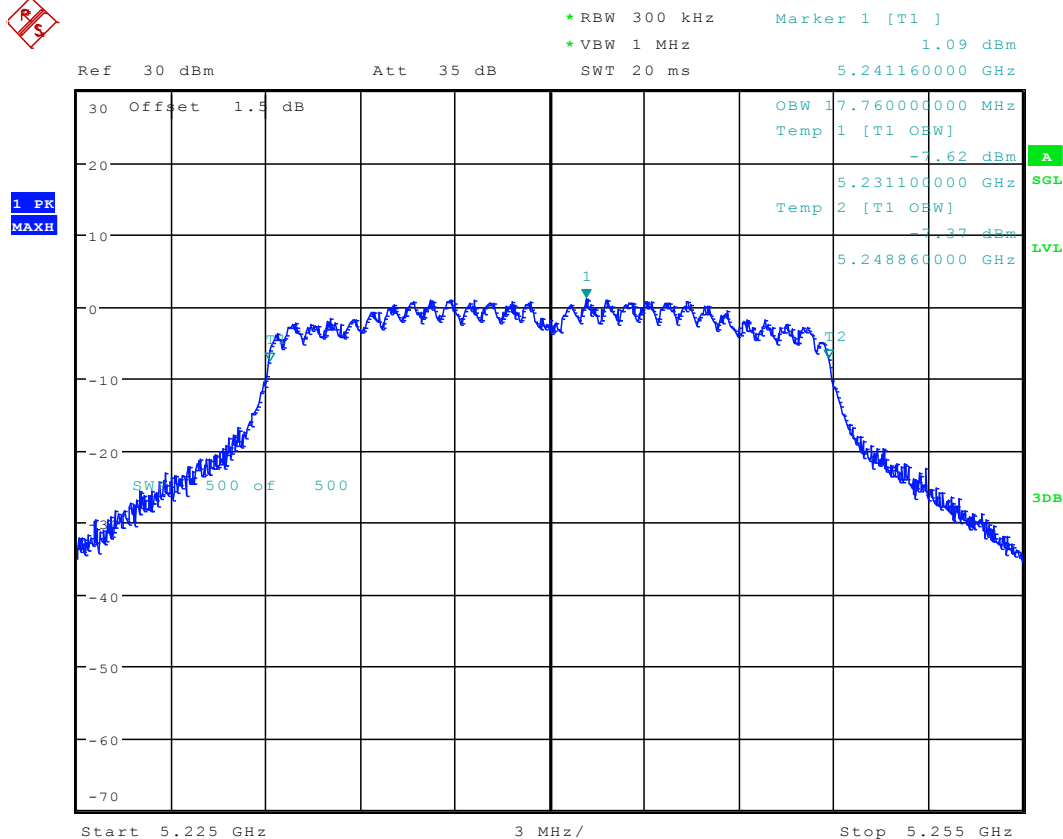
Date: 26.JAN.2018 14:58:41

6.111 11AC20MIMO_48 ANT 1



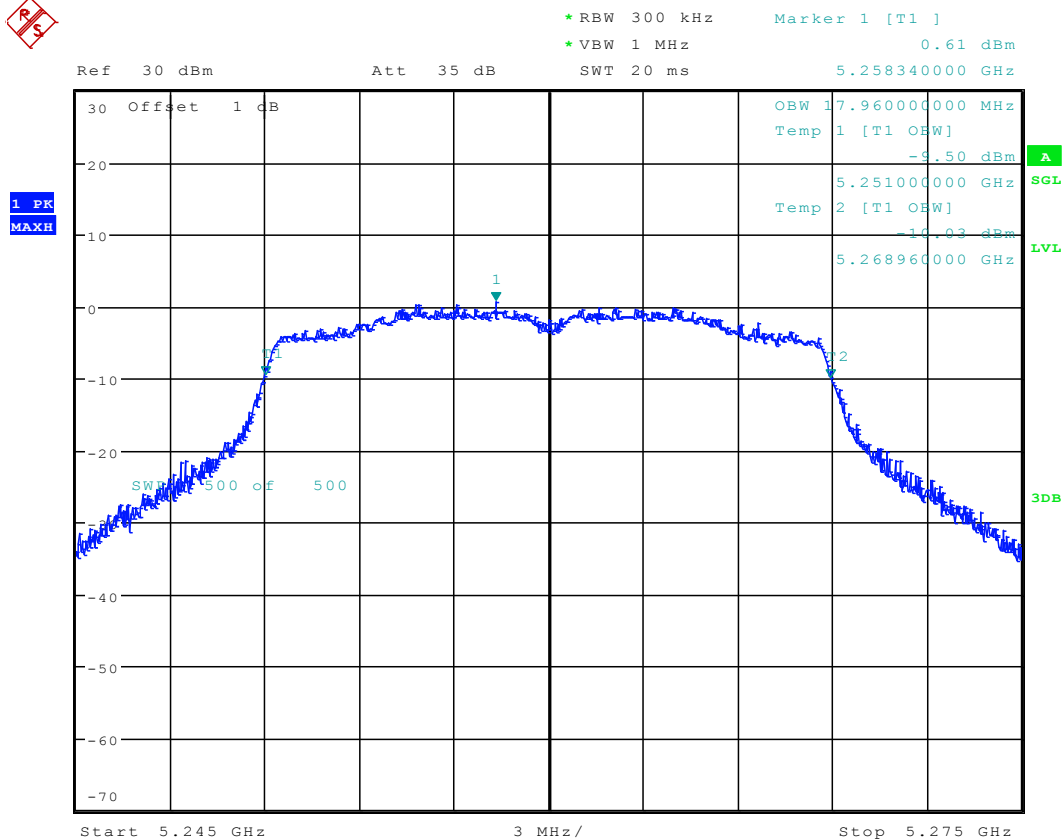
Date: 23.JAN.2018 15:44:28

6.112 11AC20MIMO_48 ANT 2



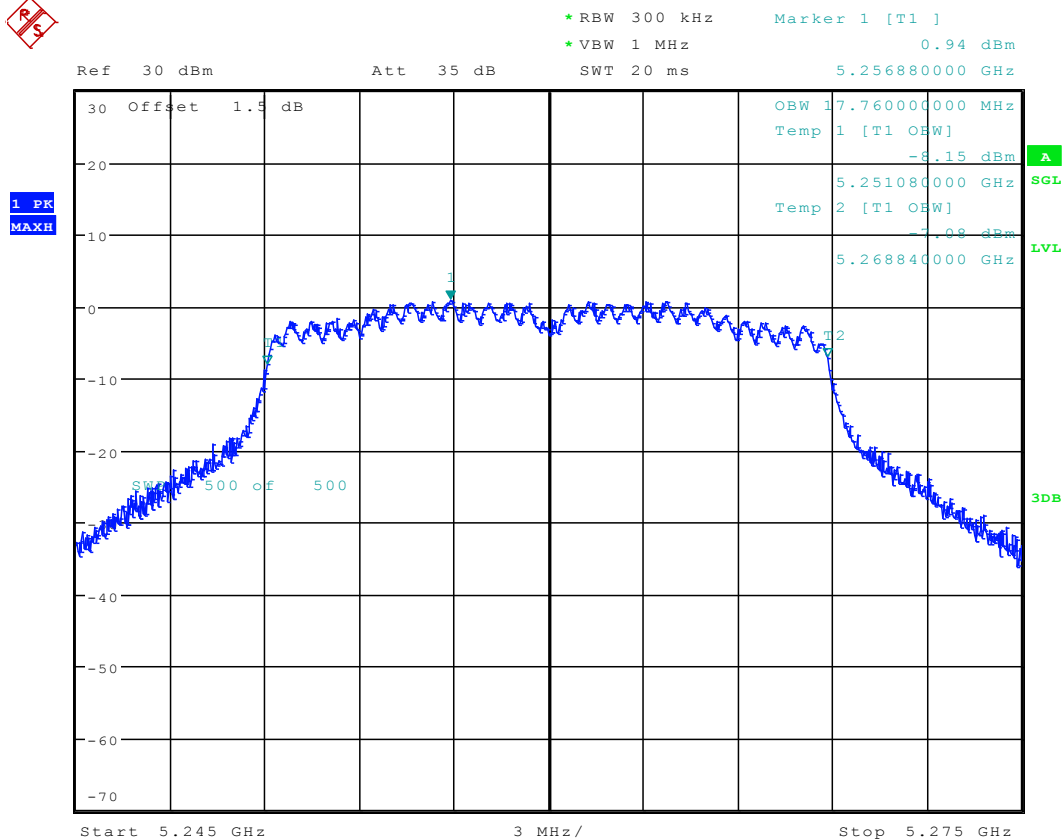
Date: 26.JAN.2018 15:03:18

6.113 11AC20MIMO_52 ANT 1



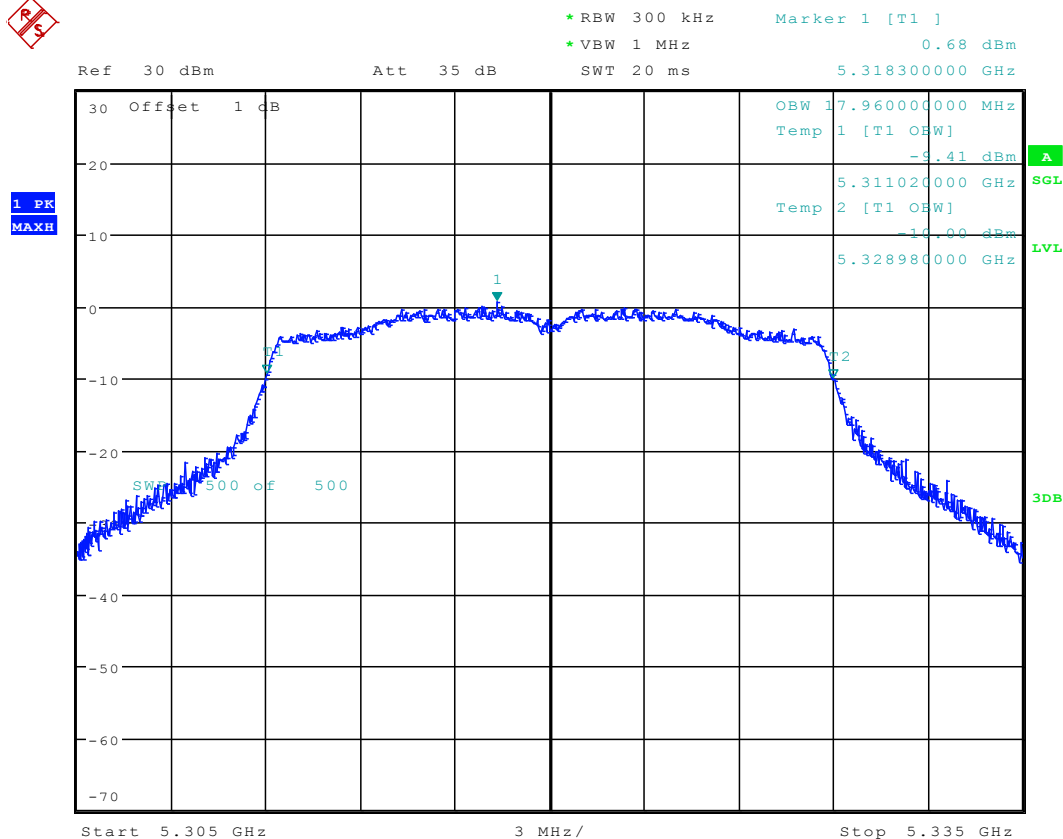
Date: 23.JAN.2018 15:47:16

6.114 11AC20MIMO_52 ANT 2



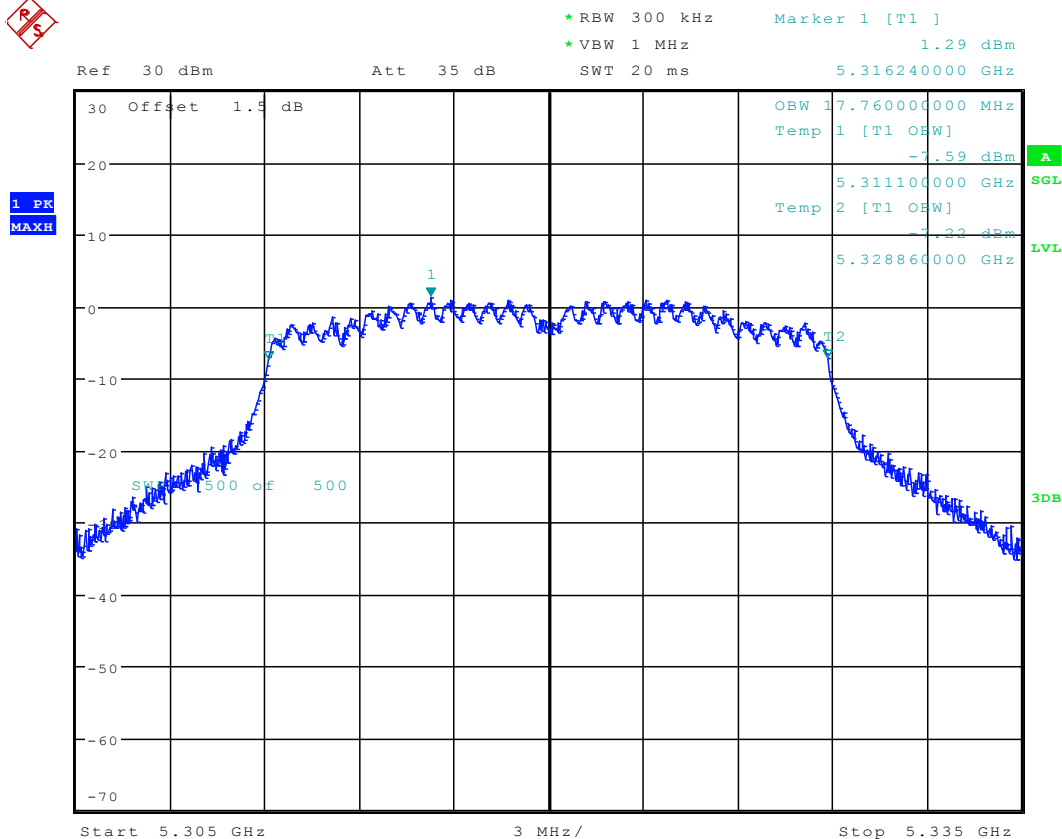
Date: 26.JAN.2018 15:05:54

6.115 11AC20MIMO_64 ANT 1



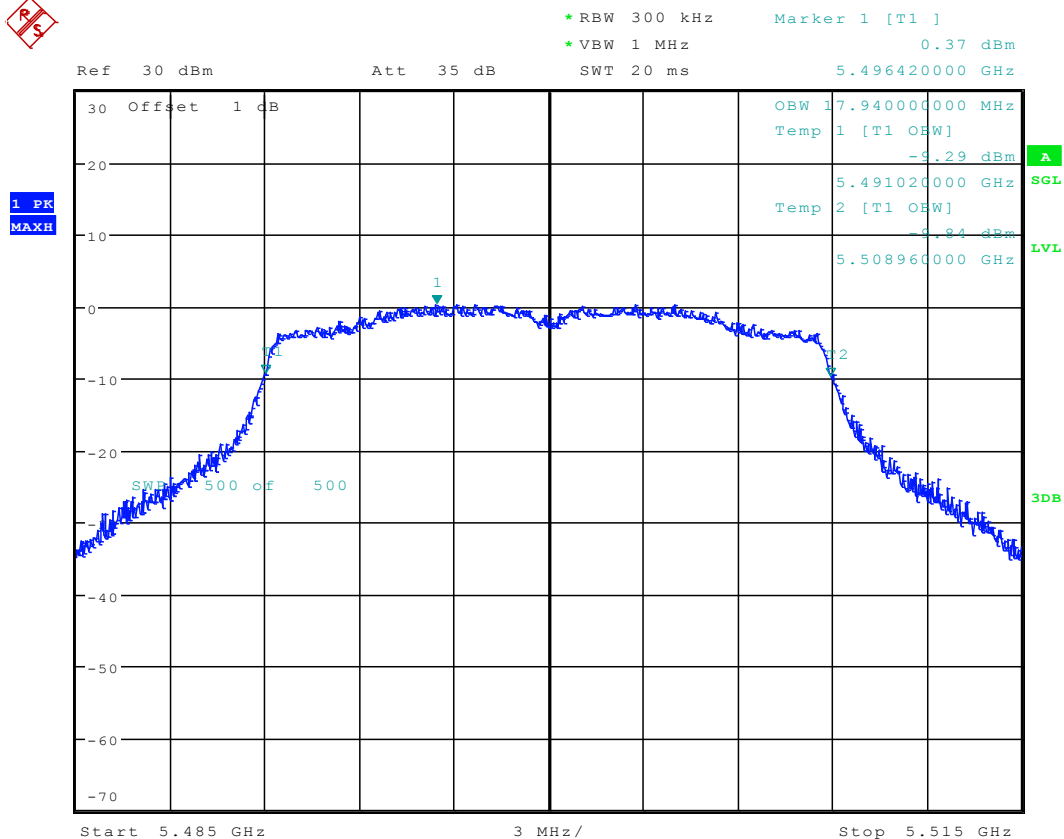
Date: 23.JAN.2018 15:49:45

6.116 11AC20MIMO_64 ANT 2



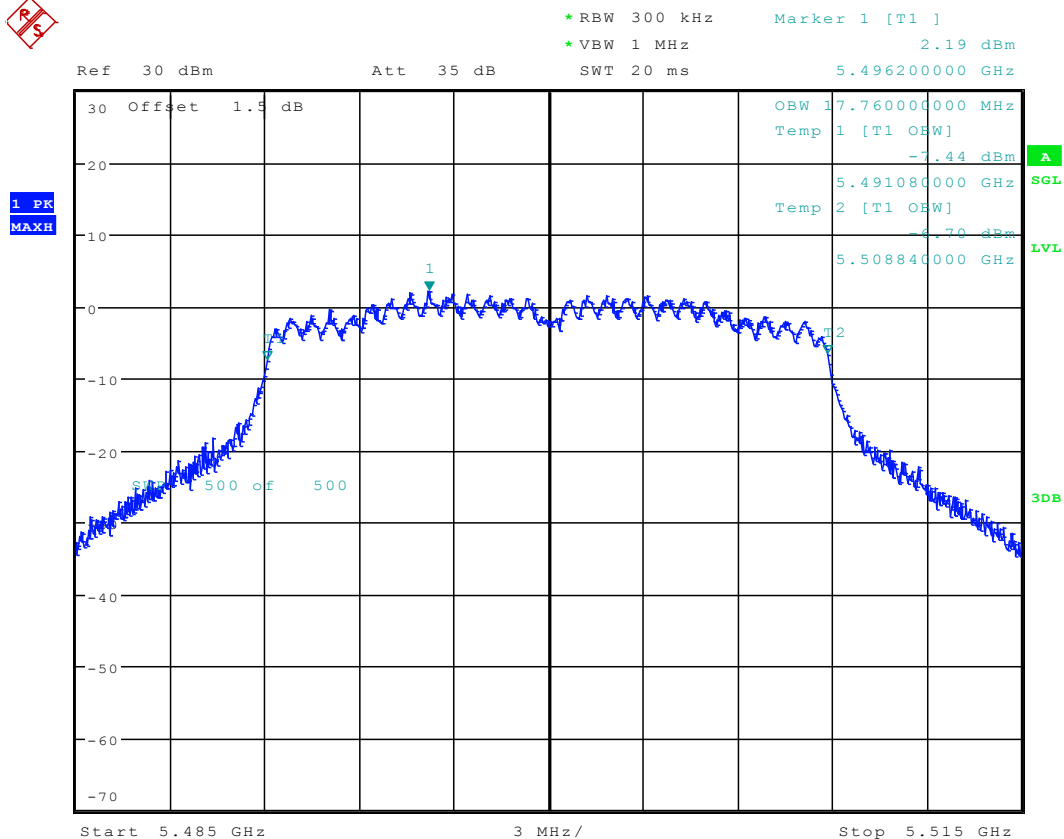
Date: 26.JAN.2018 15:09:52

6.117 11AC20MIMO_100 ANT 1



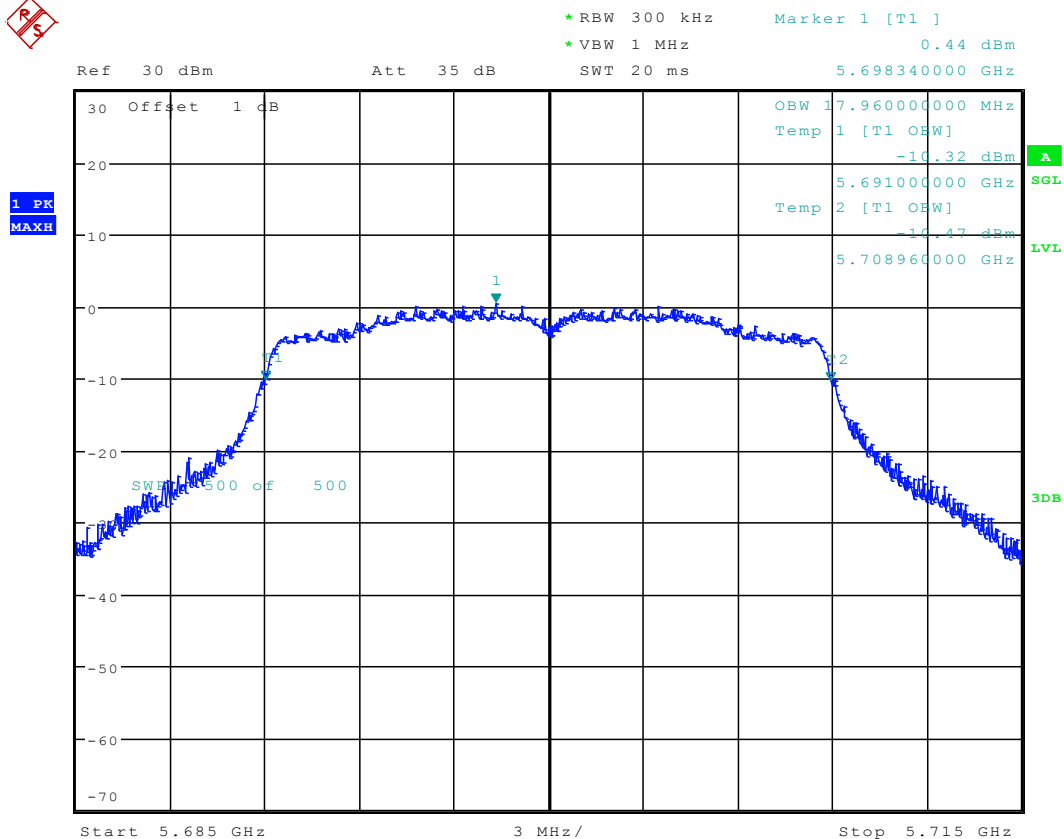
Date: 23.JAN.2018 15:52:35

6.118 11AC20MIMO_100 ANT 2



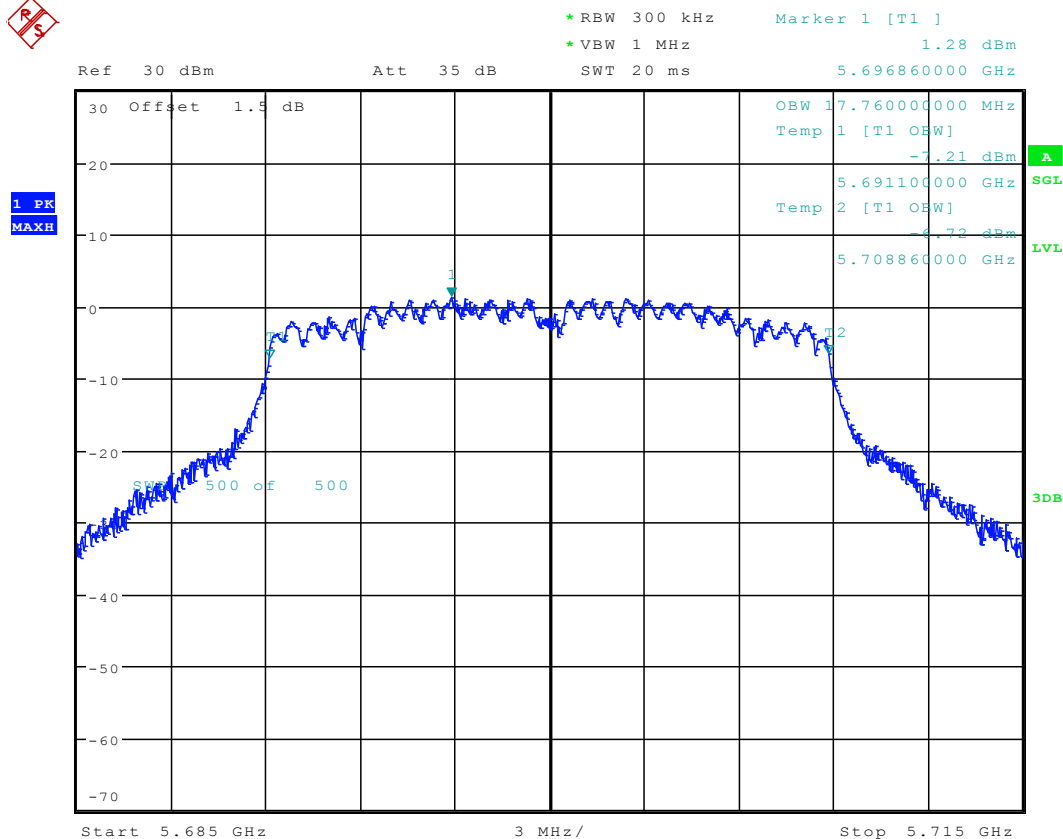
Date: 26.JAN.2018 15:13:11

6.119 11AC20MIMO_140 ANT 1



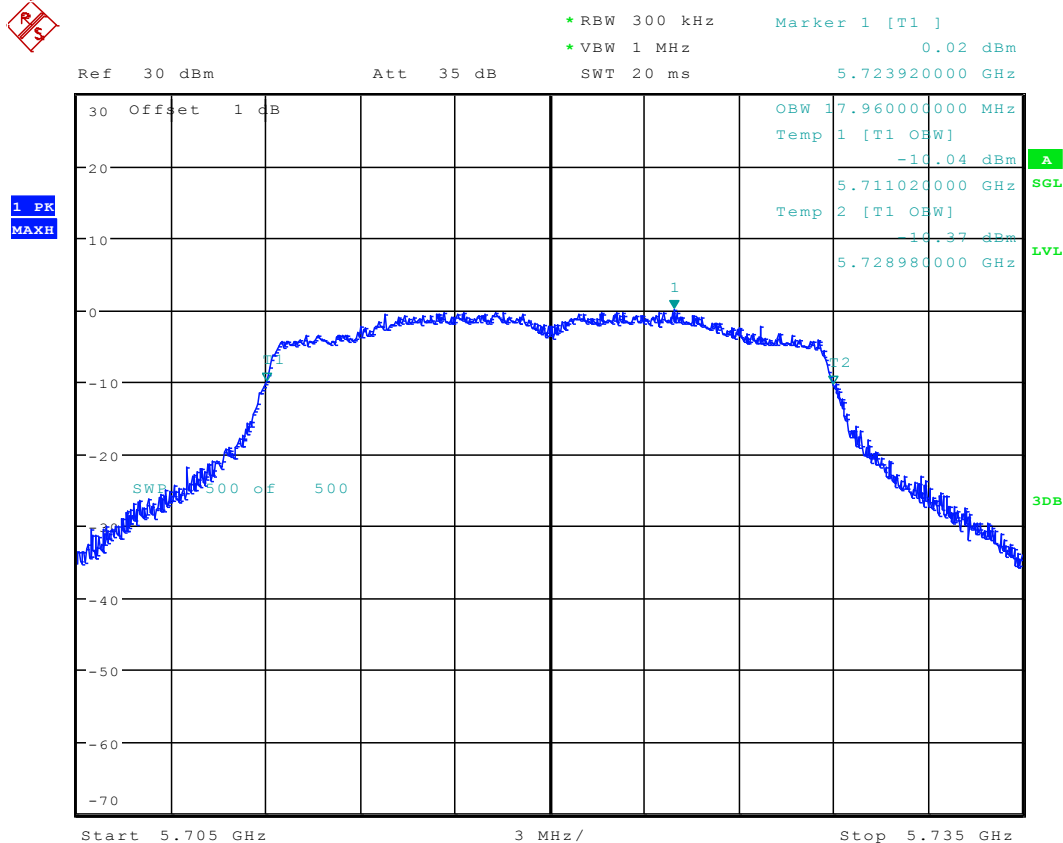
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6.120 11AC20MIMO_140 ANT 2



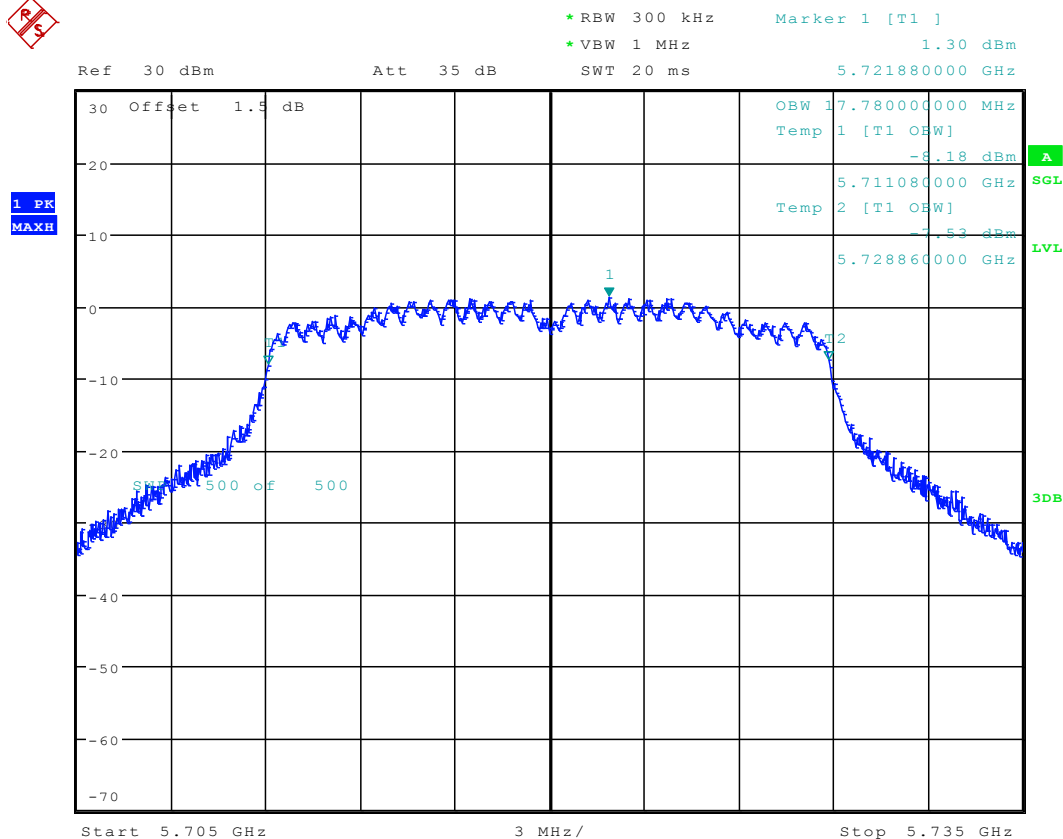
Date: 26.JAN.2018 15:15:53

6.121 11AC20MIMO_144 ANT 1



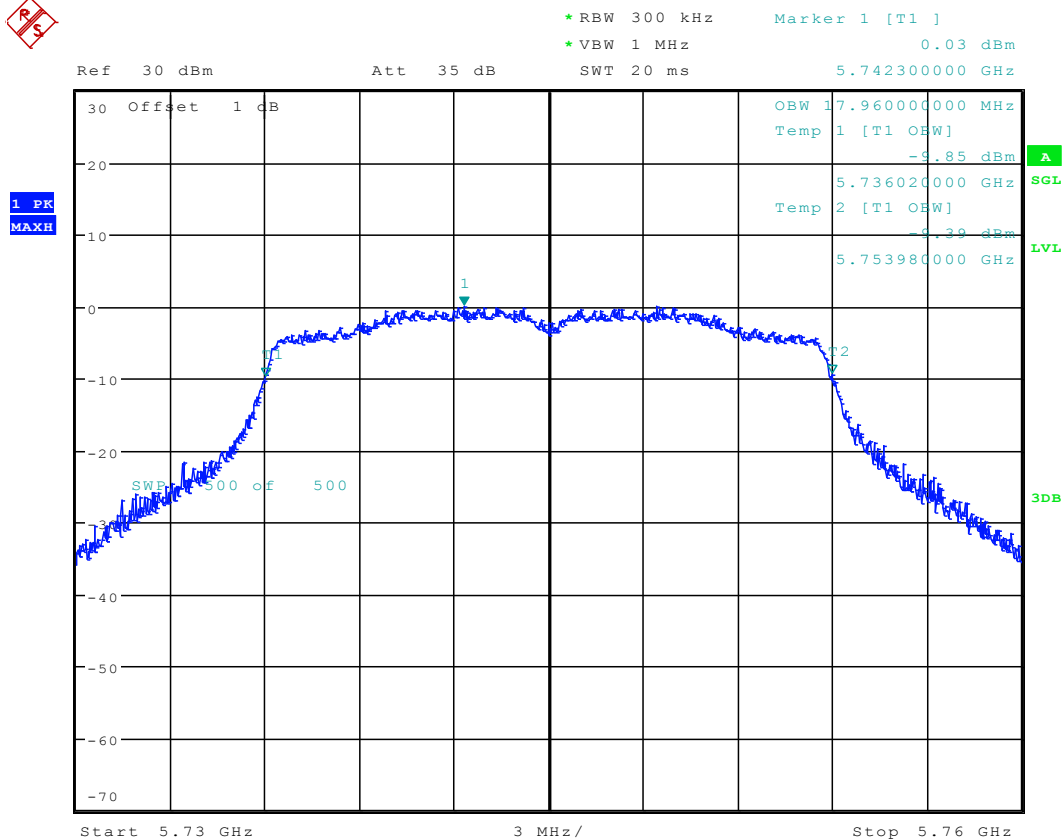
Date: 23.JAN.2018 15:57:35

6.122 11AC20MIMO_144 ANT 2



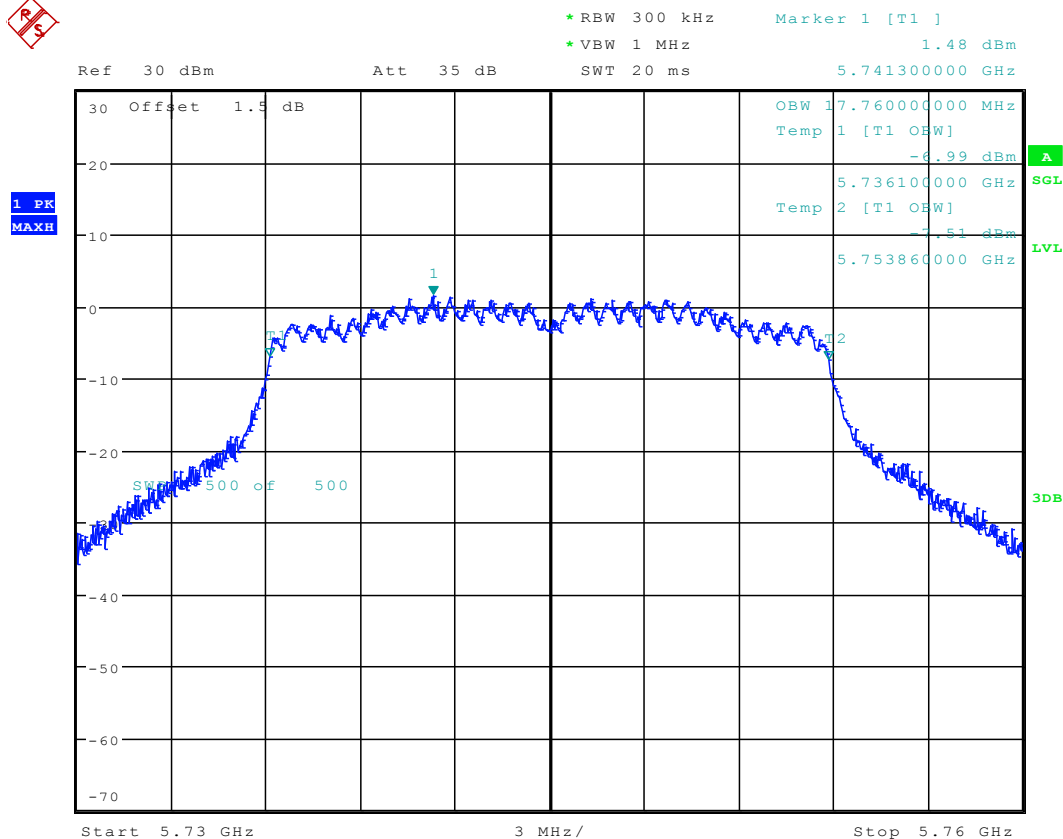
Date: 26.JAN.2018 15:18:48

6.123 11AC20MIMO_149 ANT 1



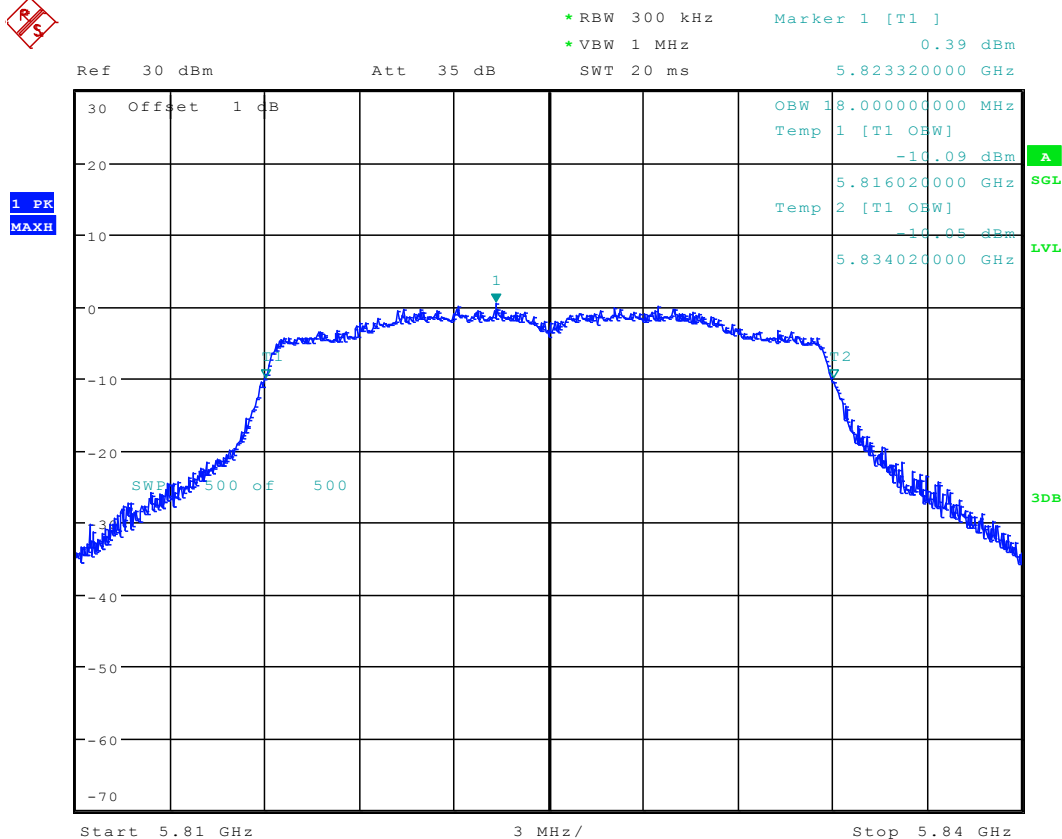
Date: 23.JAN.2018 16:00:18

6.124 11AC20MIMO_149 ANT 2



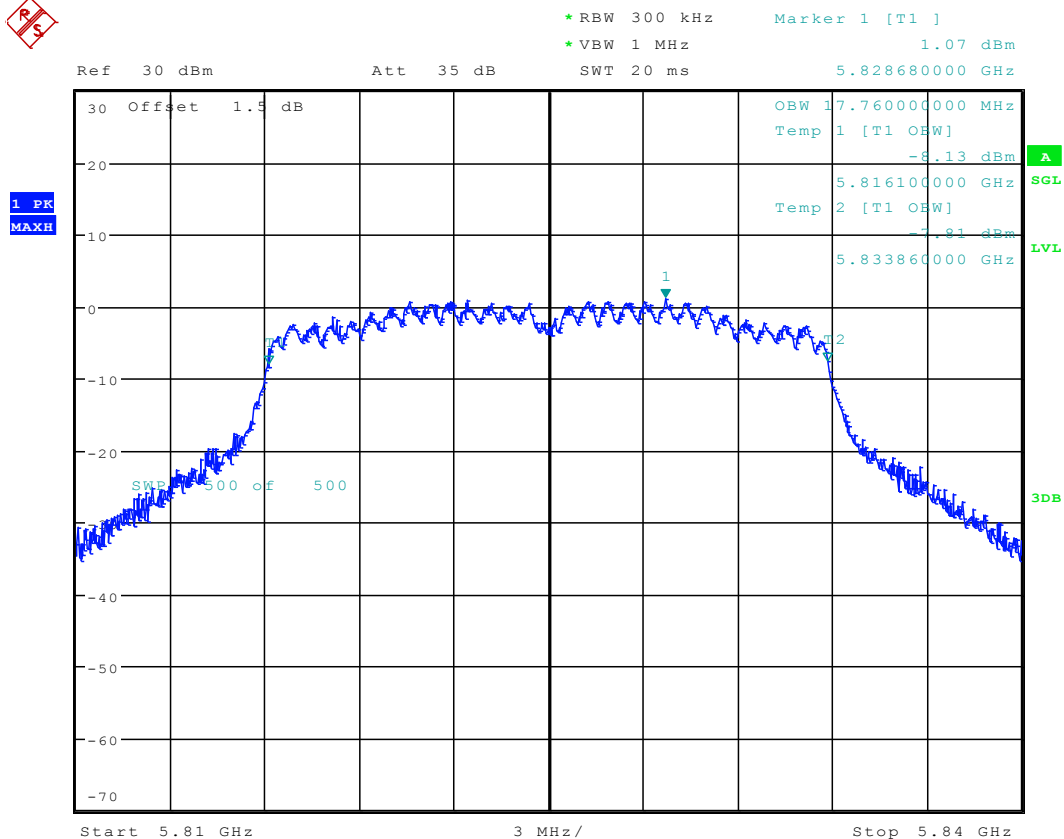
Date: 26.JAN.2018 15:21:38

6.125 11AC20MIMO_165 ANT 1



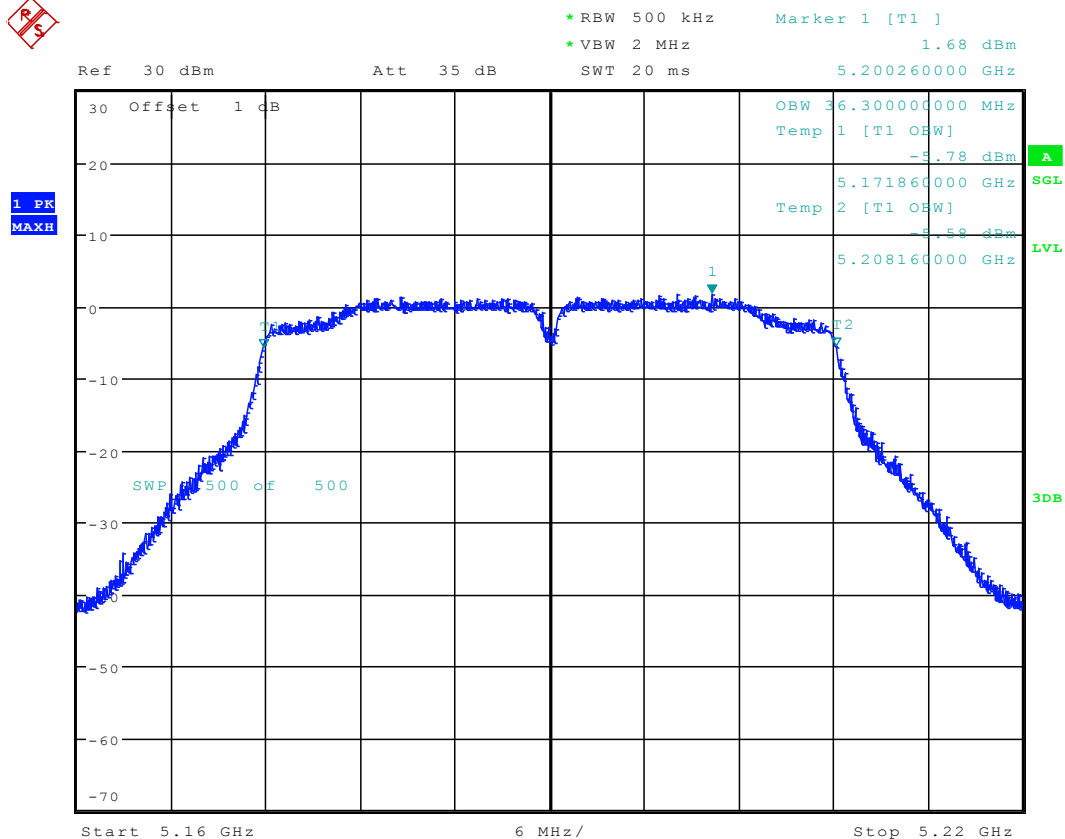
Date: 23.JAN.2018 16:03:15

6.126 11AC20MIMO_165 ANT 2



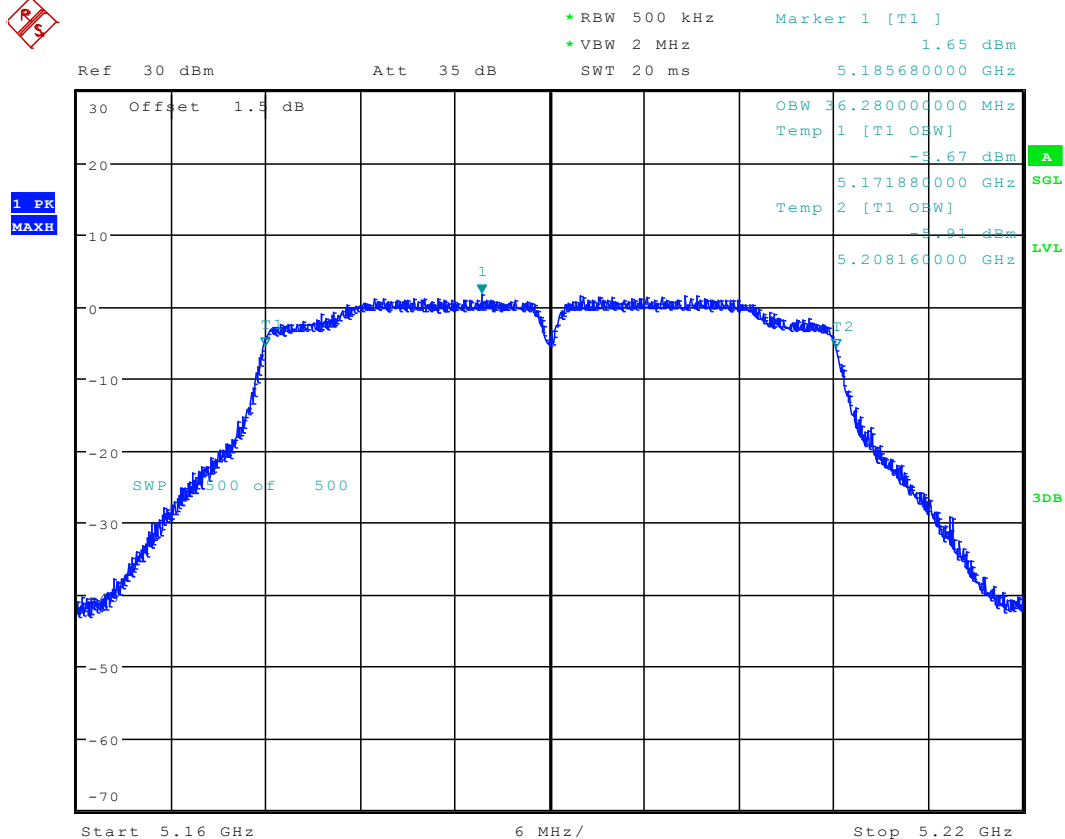
Date: 26.JAN.2018 15:24:33

6.127 11AC40_38 ANT 1



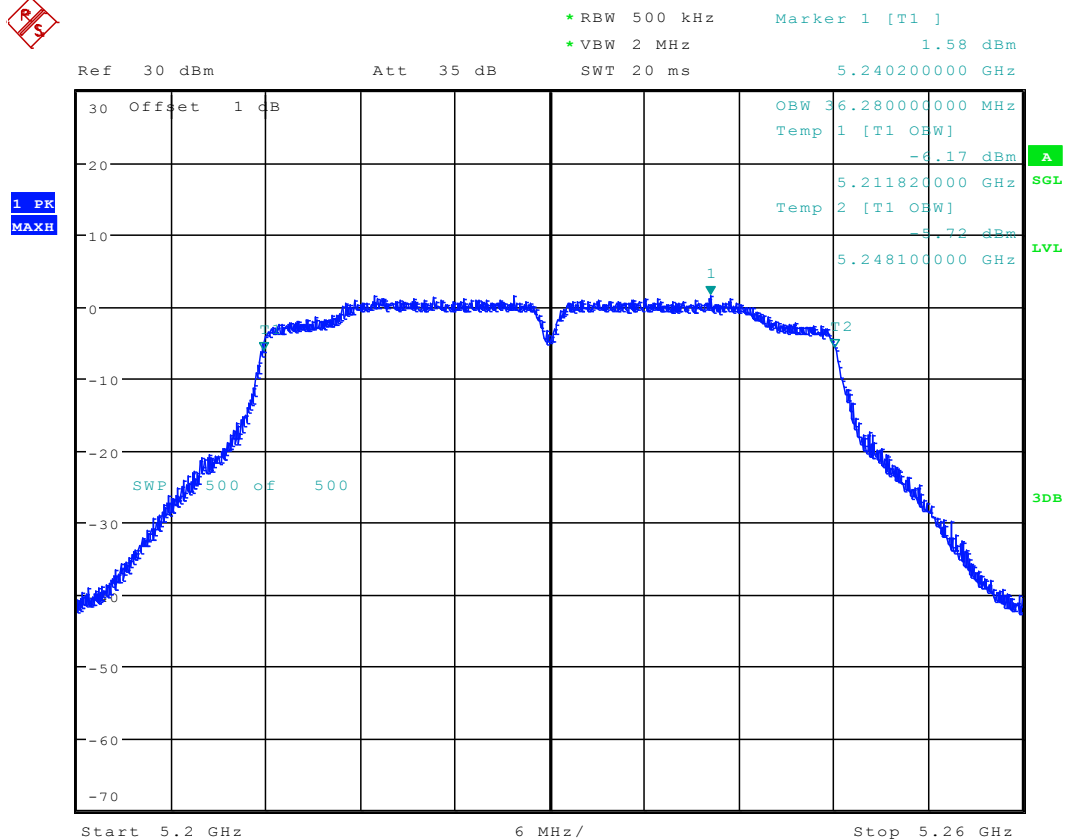
Date: 22.JAN.2018 16:44:26

6.128 11AC40_38 ANT 2



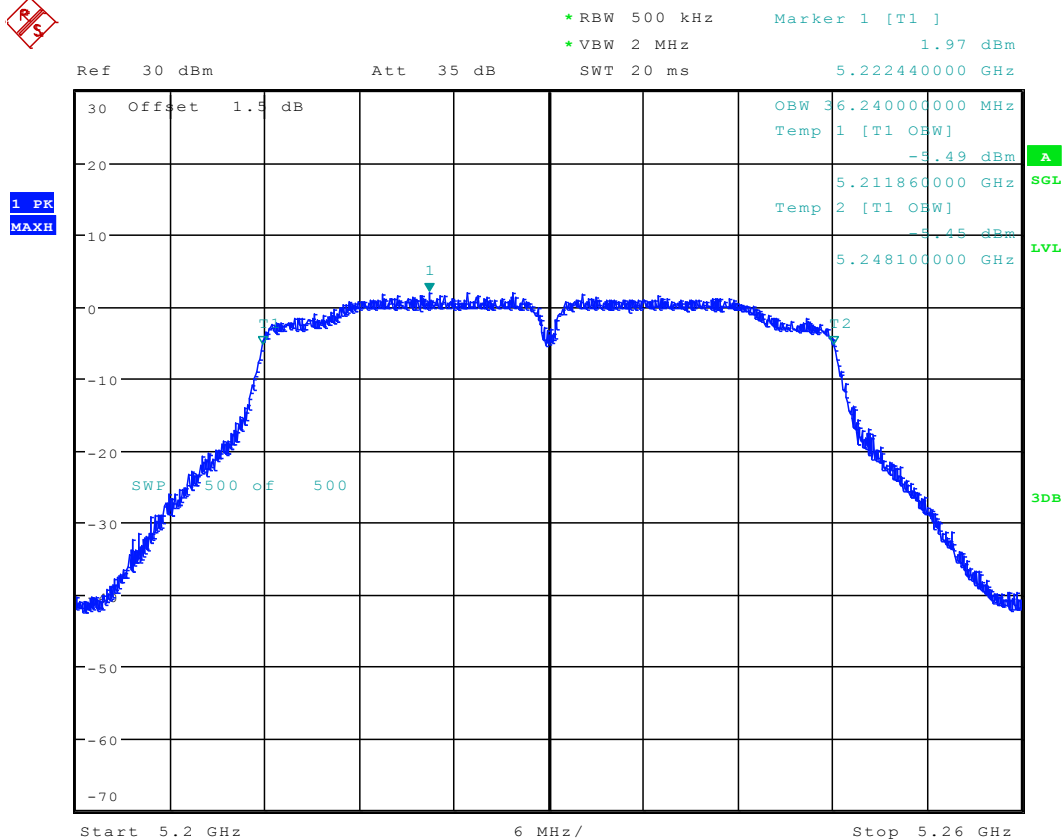
Date: 26.JAN.2018 17:26:25

6.129 11AC40_46 ANT 1



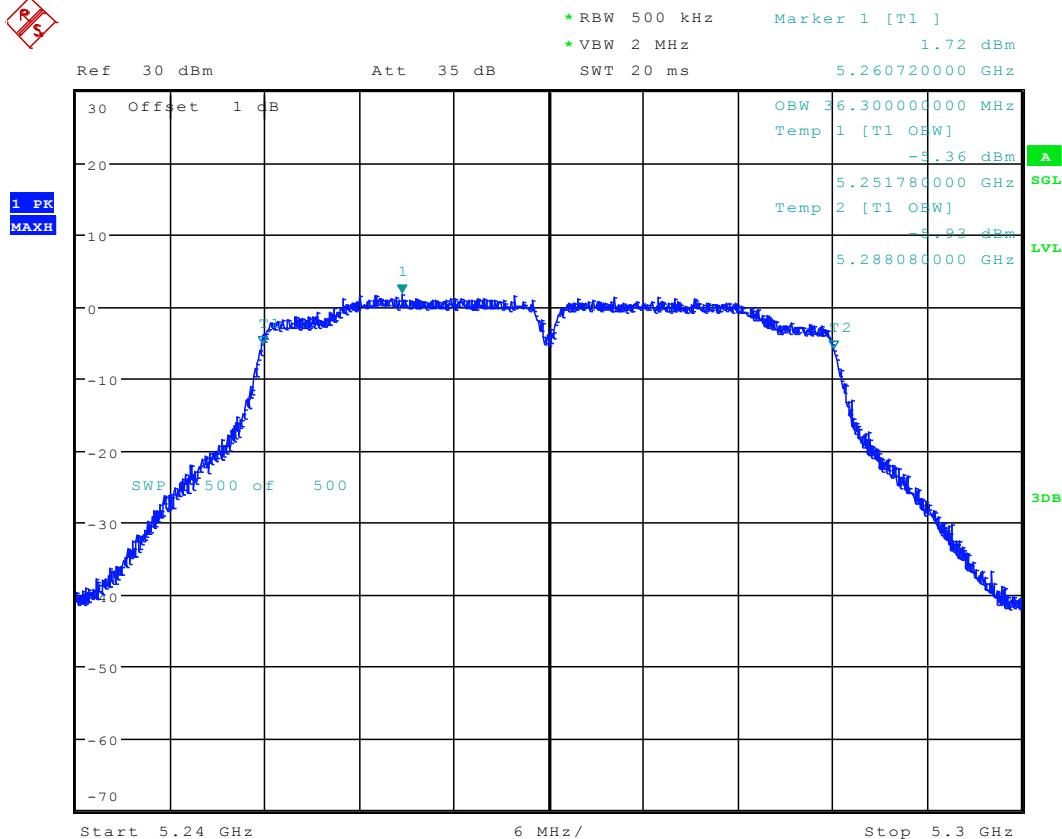
Date: 22.JAN.2018 16:46:55

6.130 11AC40_46 ANT 2



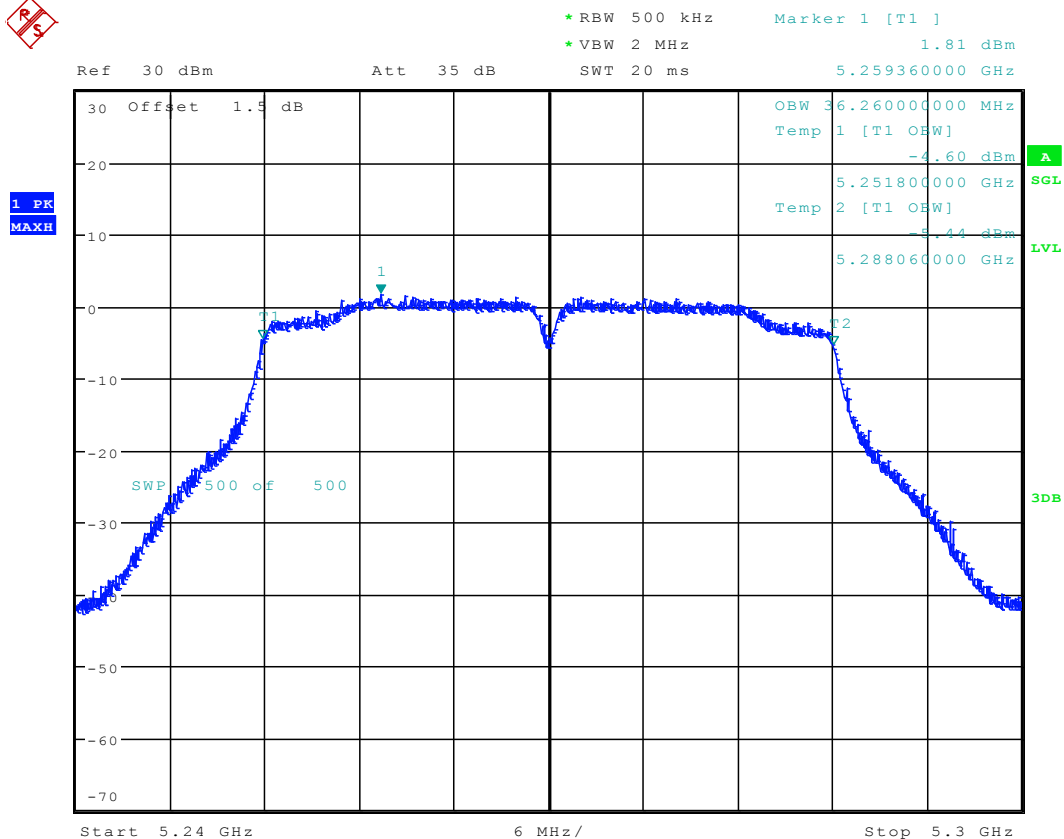
Date: 26.JAN.2018 17:29:30

6.131 11AC40_54 ANT 1



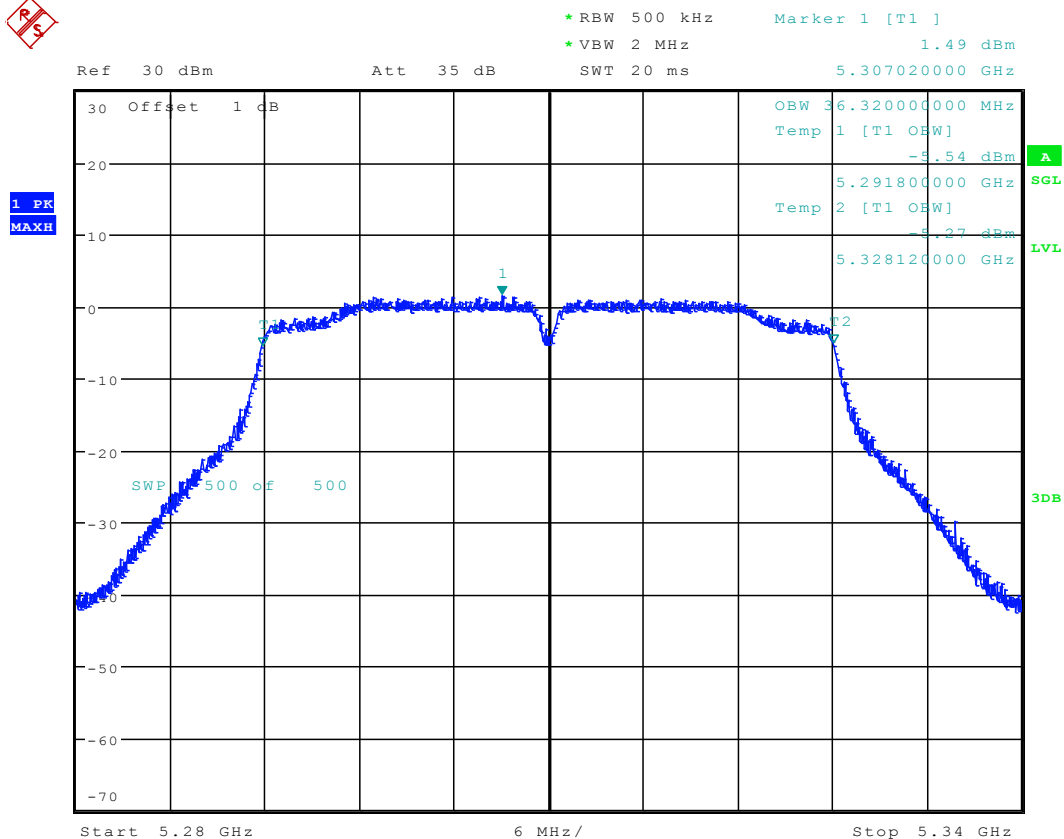
Date: 22.JAN.2018 16:49:52

6.132 11AC40_54 ANT 2



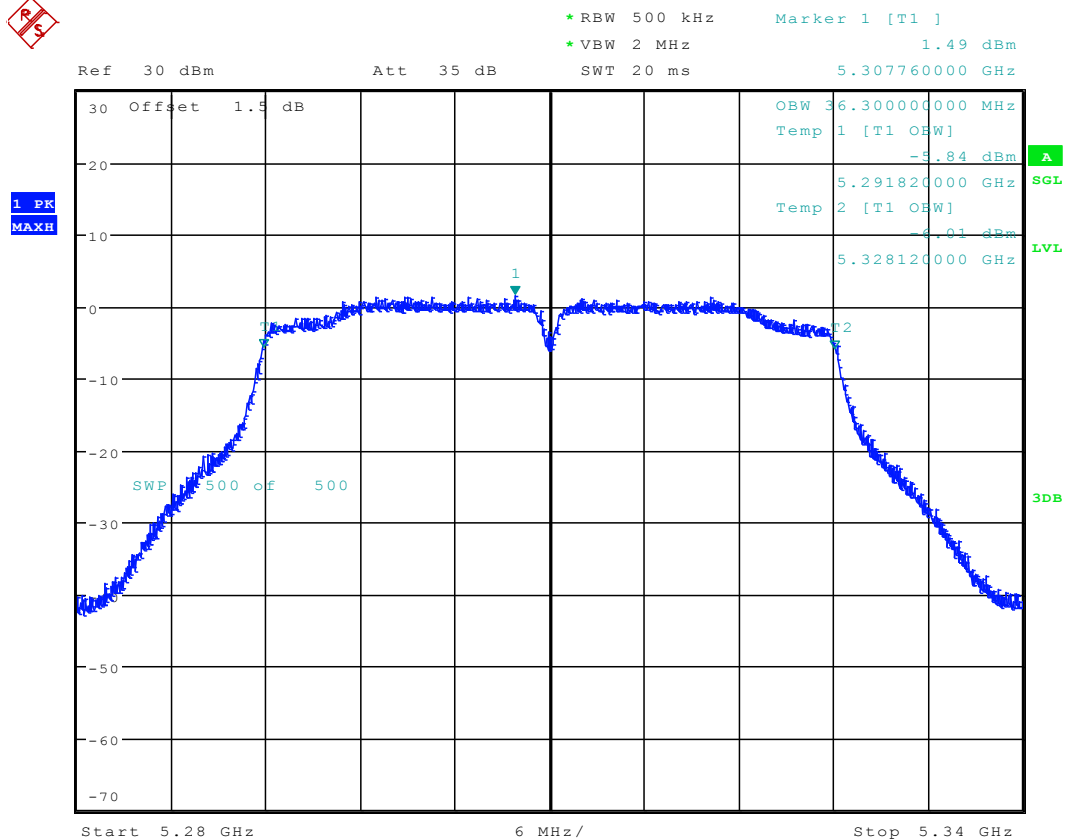
Date: 26.JAN.2018 17:32:48

6.133 11AC40_62 ANT 1



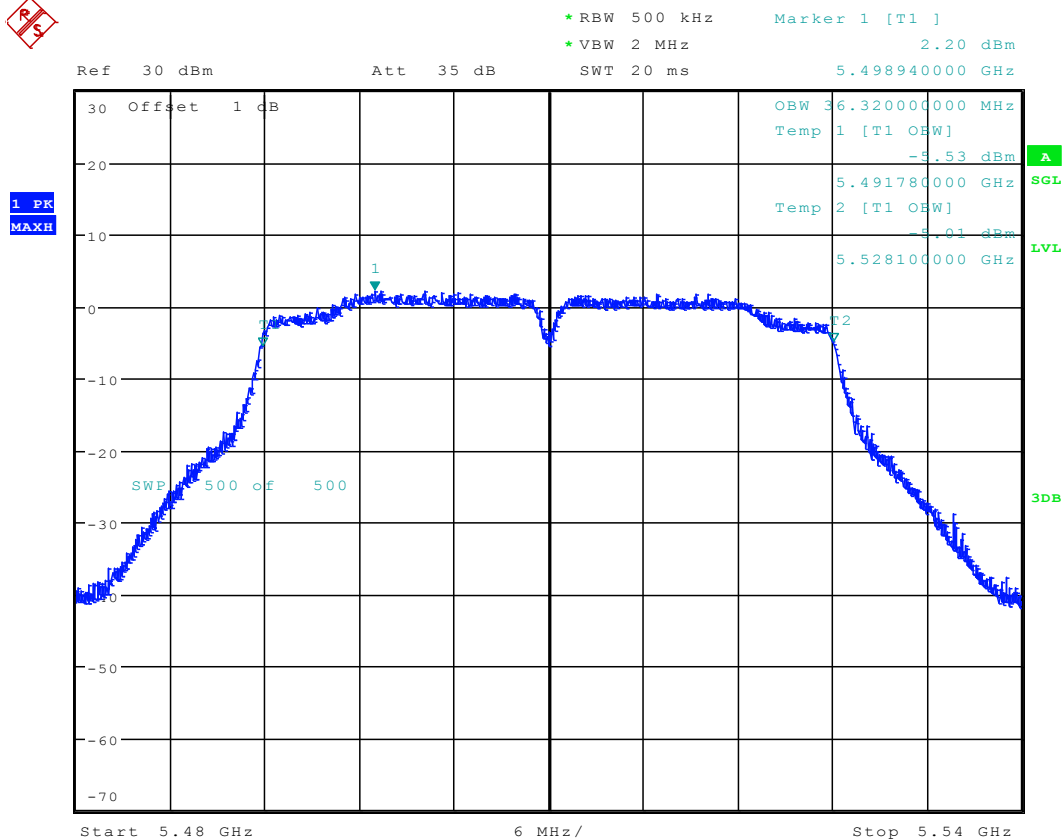
Date: 26.JAN.2018 18:31:48

6.134 11AC40_62 ANT 2



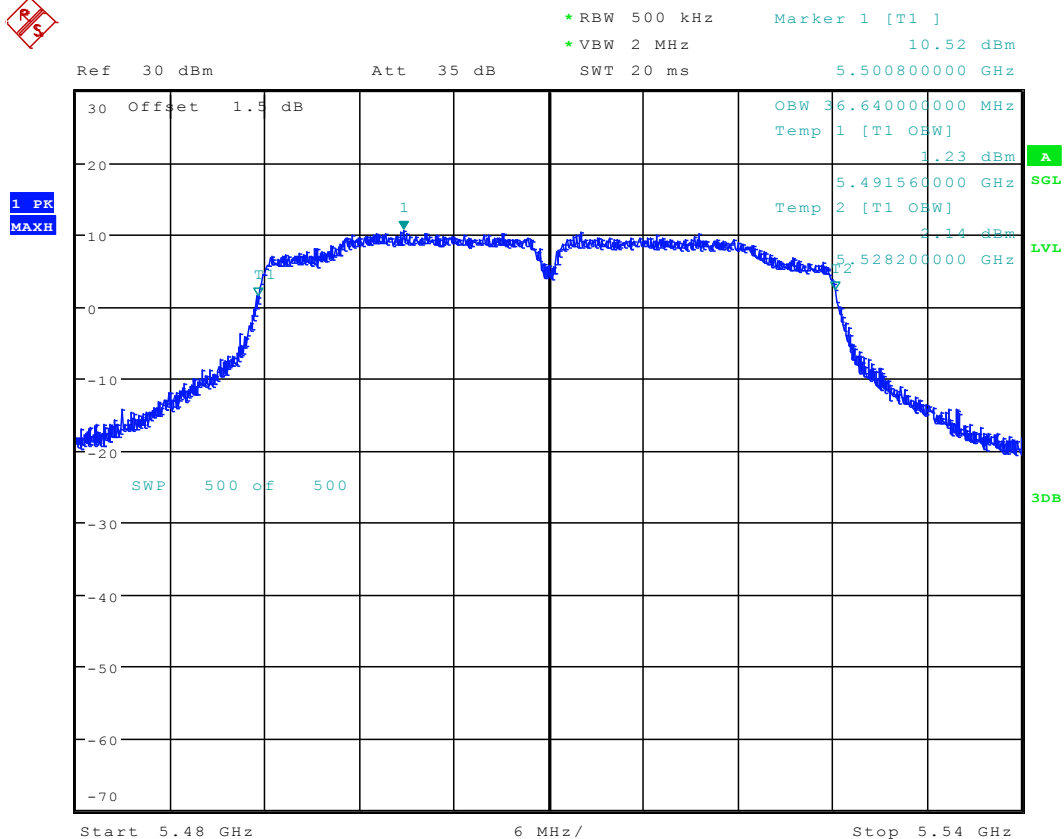
Date: 26.JAN.2018 17:35:44

6.135 11AC40_102 ANT 1



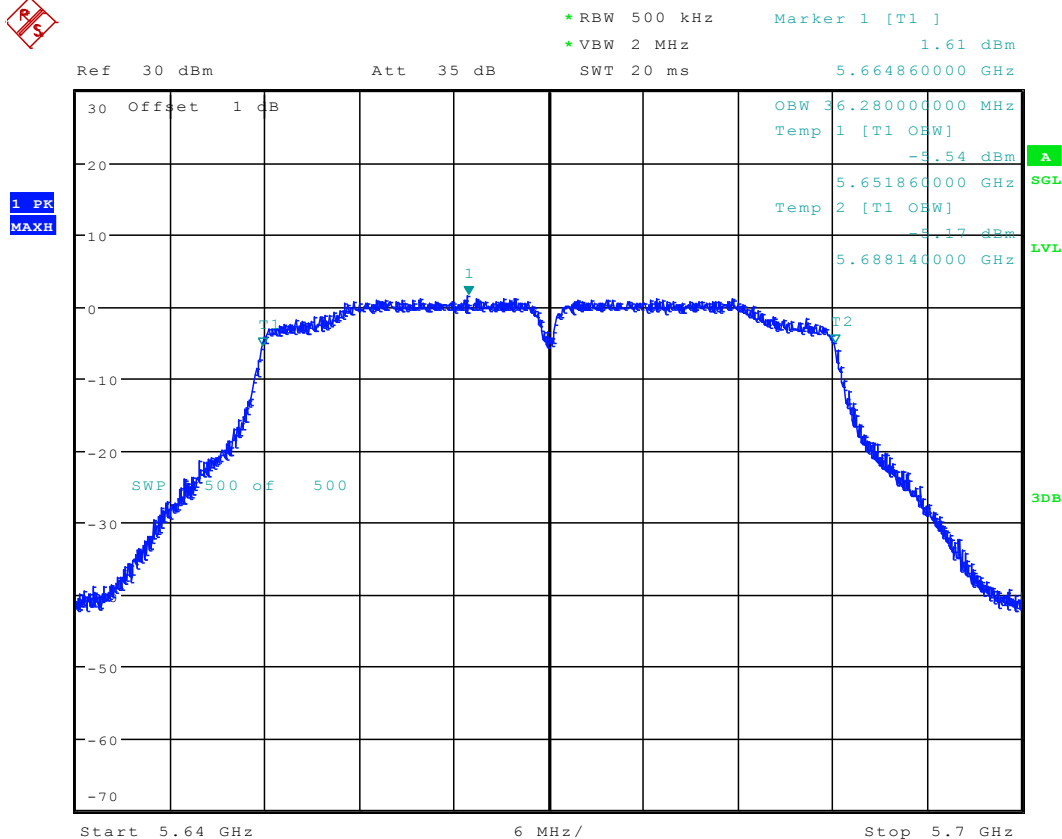
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6.136 11AC40_102 ANT 2



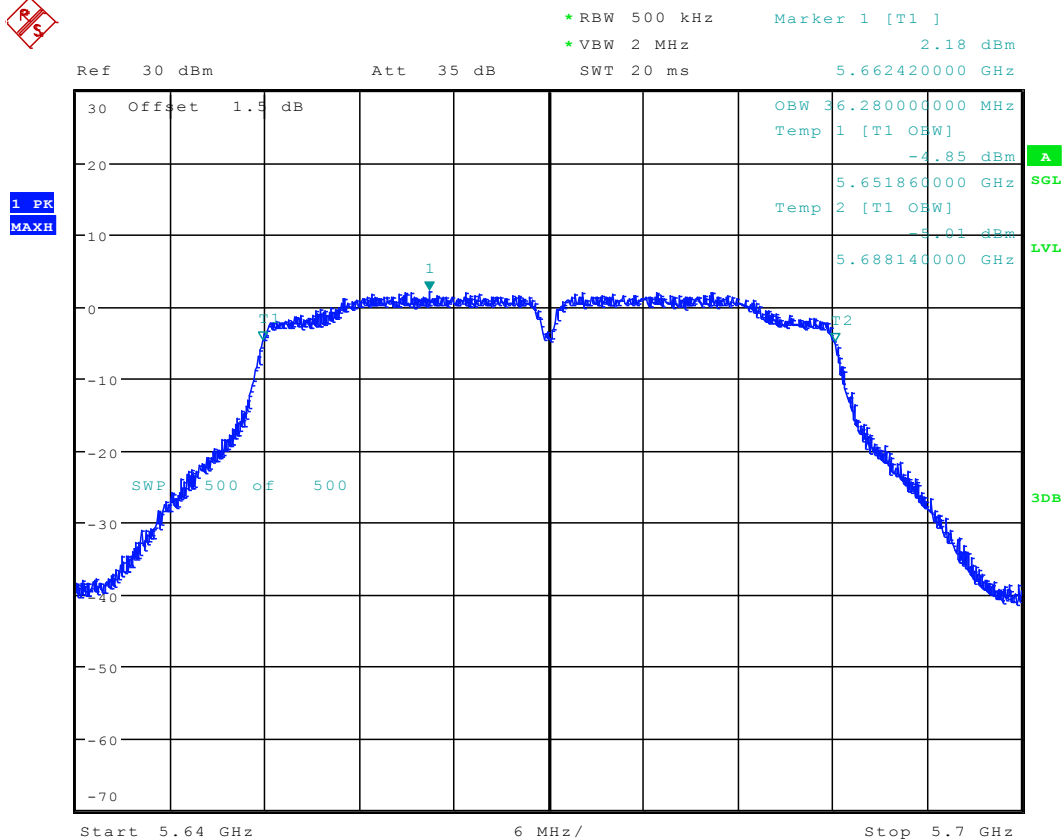
Date: 26.JAN.2018 17:38:35

6.137 11AC40_134 ANT 1



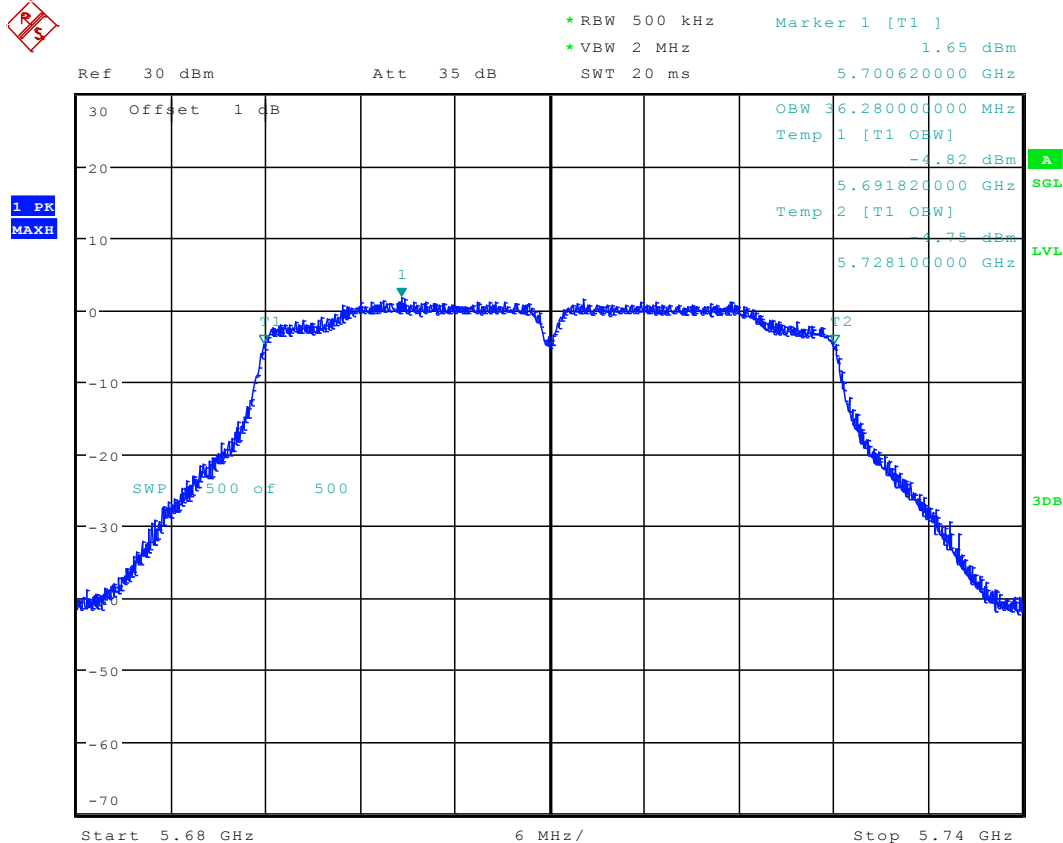
Date: 22.JAN.2018 17:15:28

6.138 11AC40_134 ANT 2



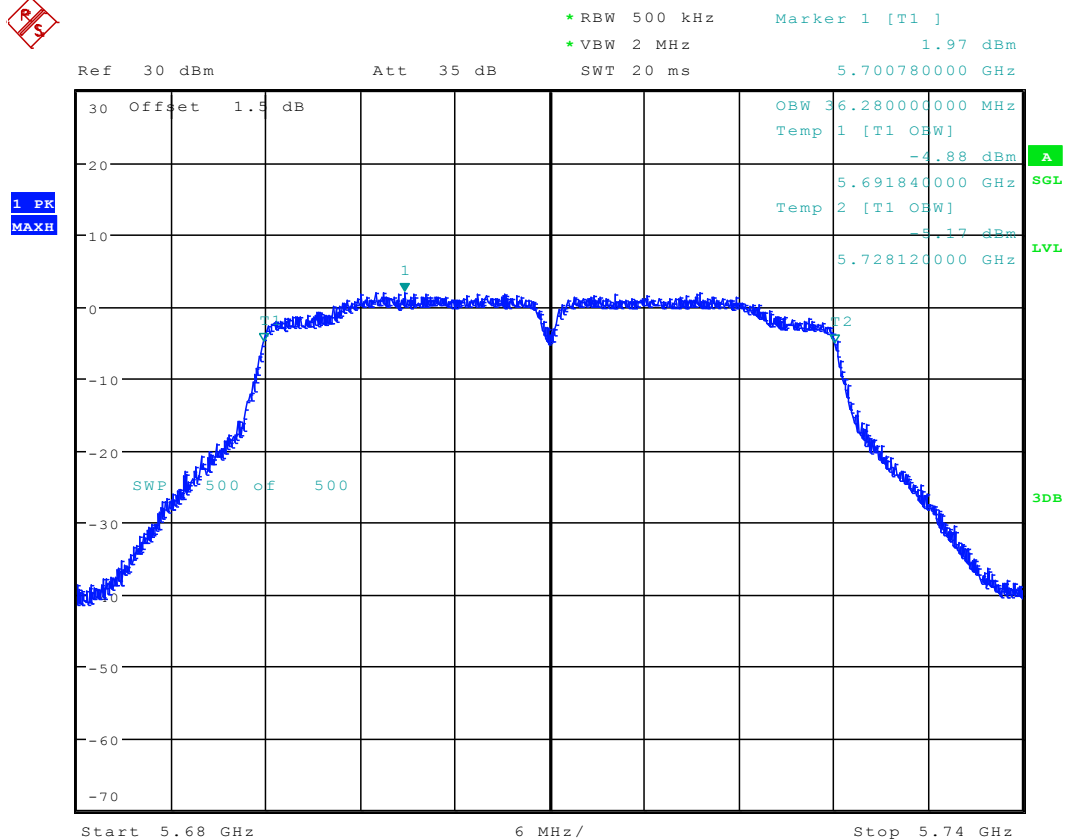
Date: 26.JAN.2018 17:41:20

6.139 11AC40_142 ANT 1



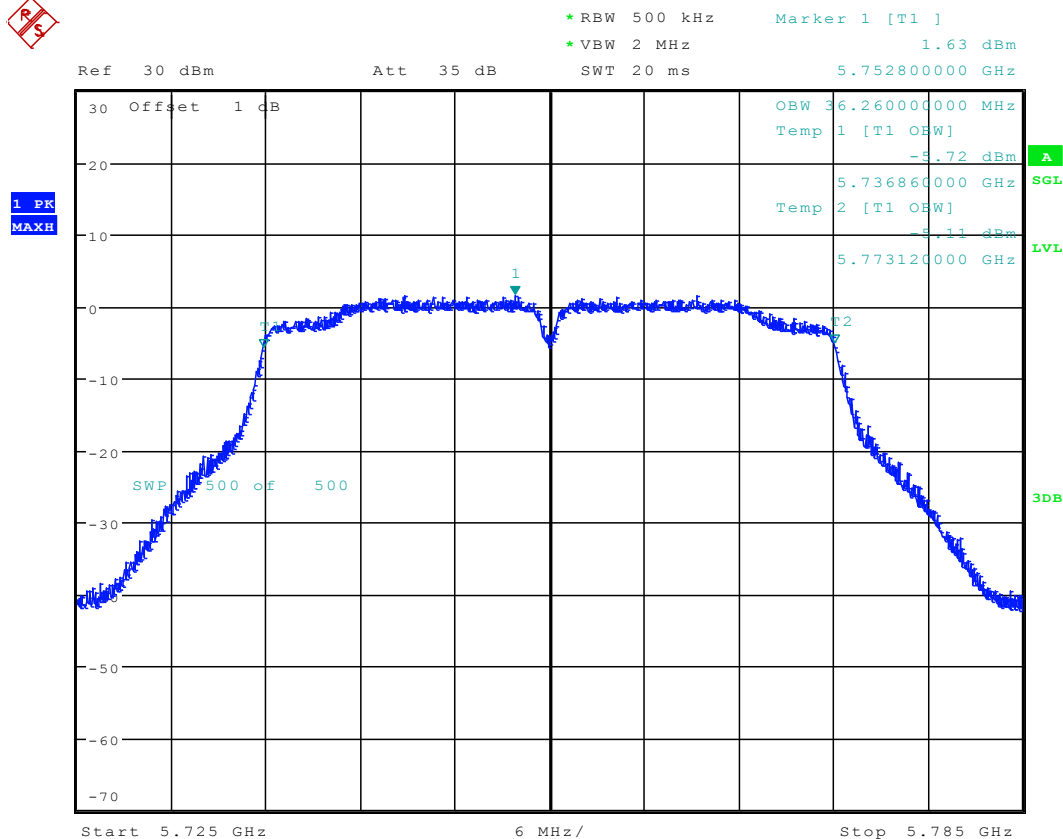
Date: 22.JAN.2018 17:18:51

6.140 11AC40_142 ANT 2



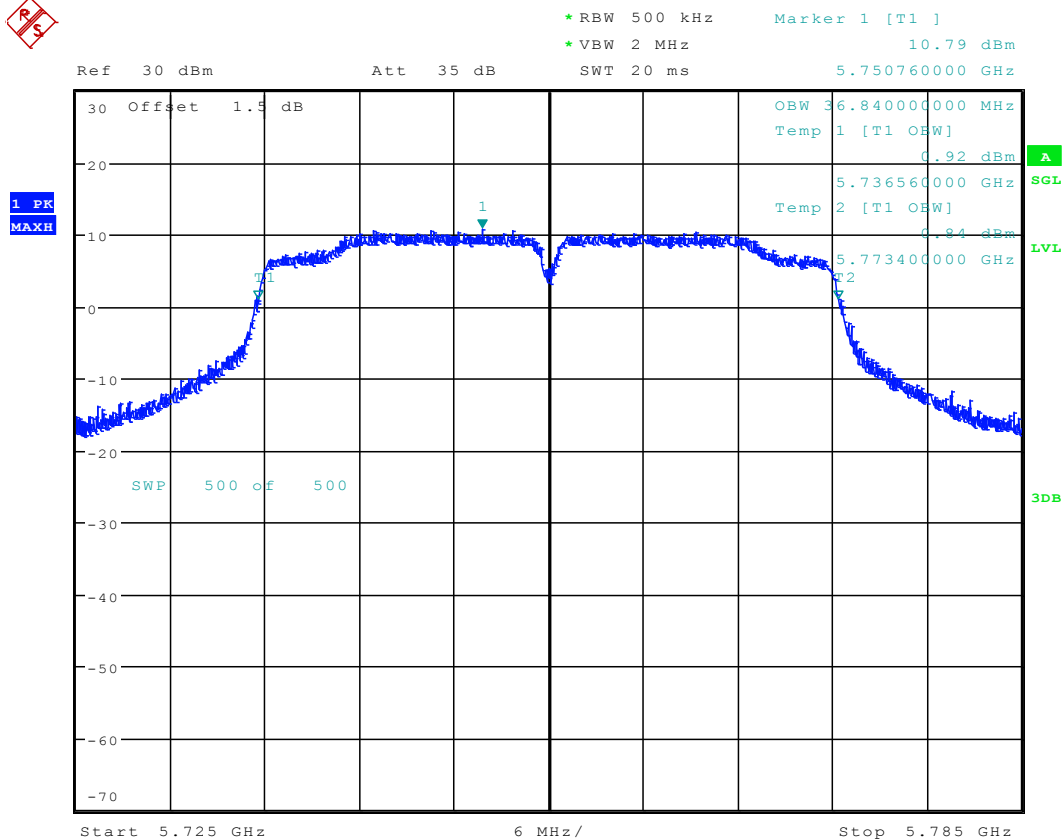
Date: 26.JAN.2018 17:44:00

6.141 11AC40_151 ANT 1



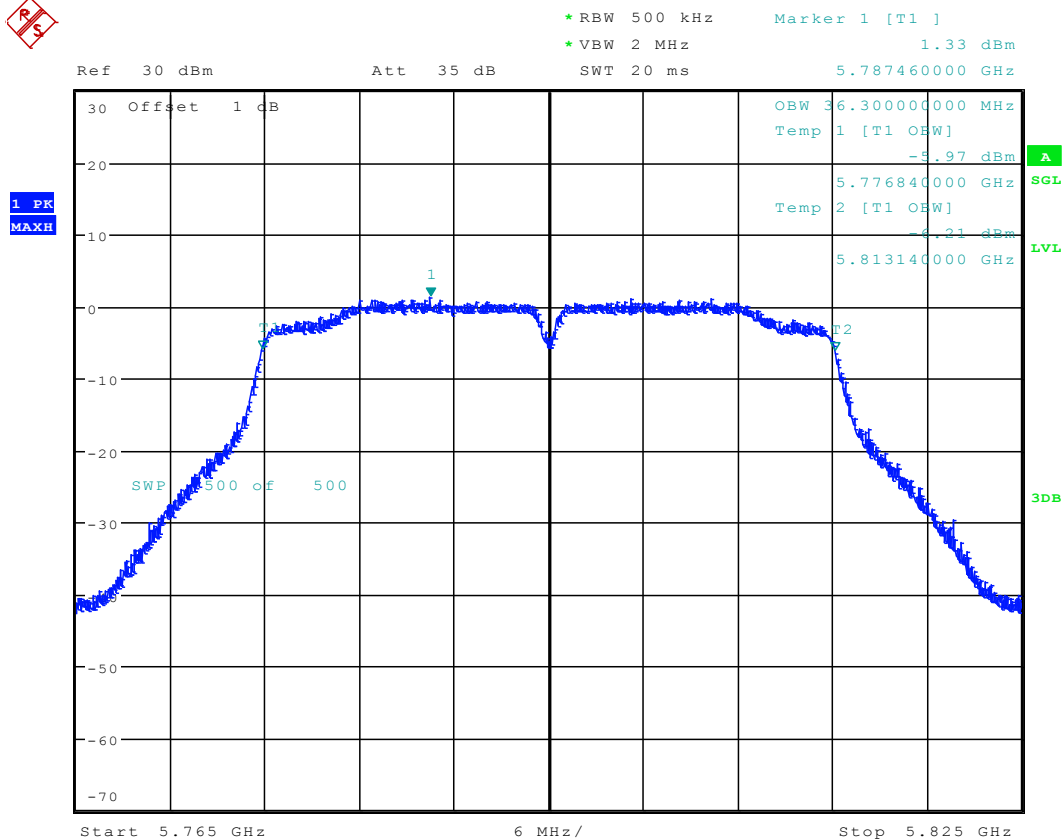
Date: 22.JAN.2018 17:21:40

6.142 11AC40_151 ANT 2



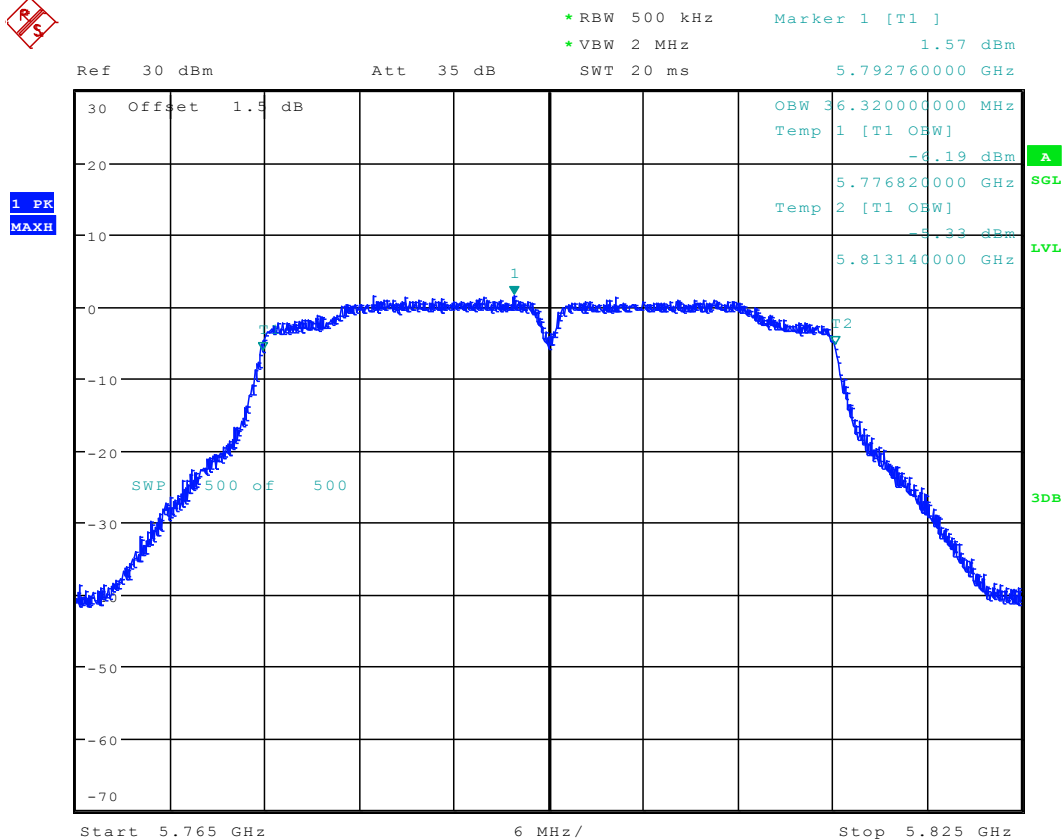
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6.143 11AC40_159 ANT 1



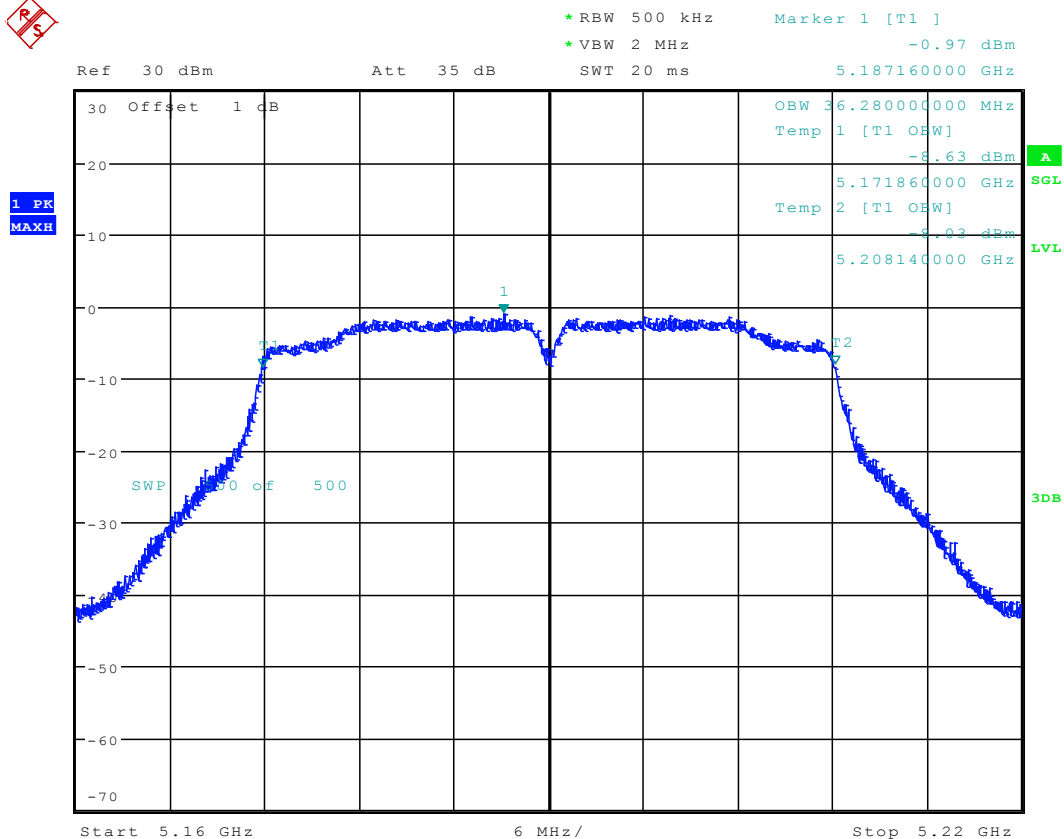
Date: 22.JAN.2018 17:24:49

6.144 11AC40_159 ANT 2



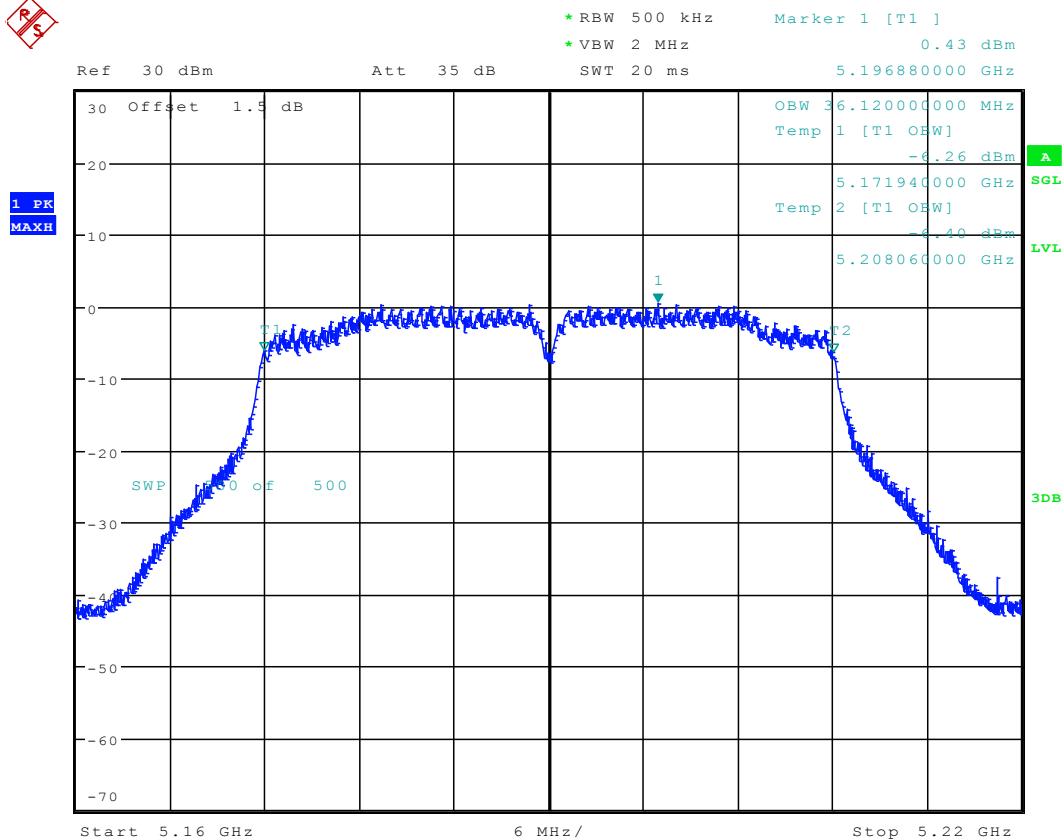
Date: 26.JAN.2018 17:51:14

6.145 11AC40MIMO_38 ANT 1



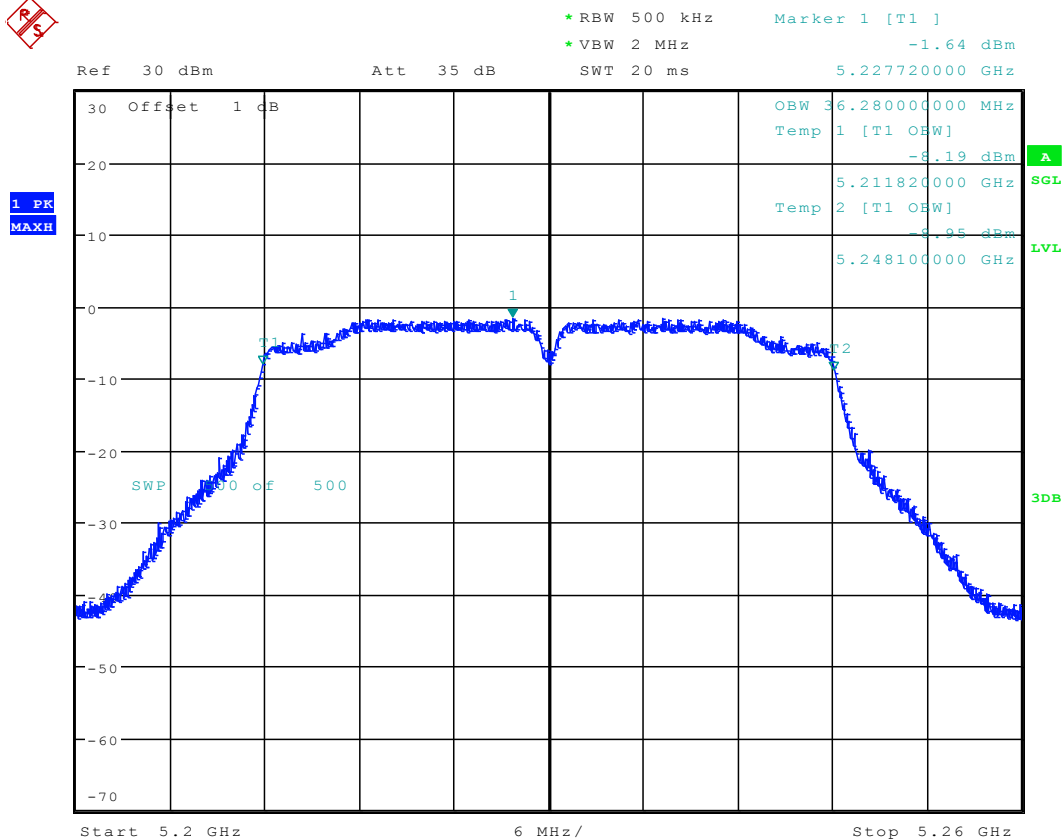
Date: 23.JAN.2018 16:06:50

6.146 11AC40MIMO_38 ANT 2



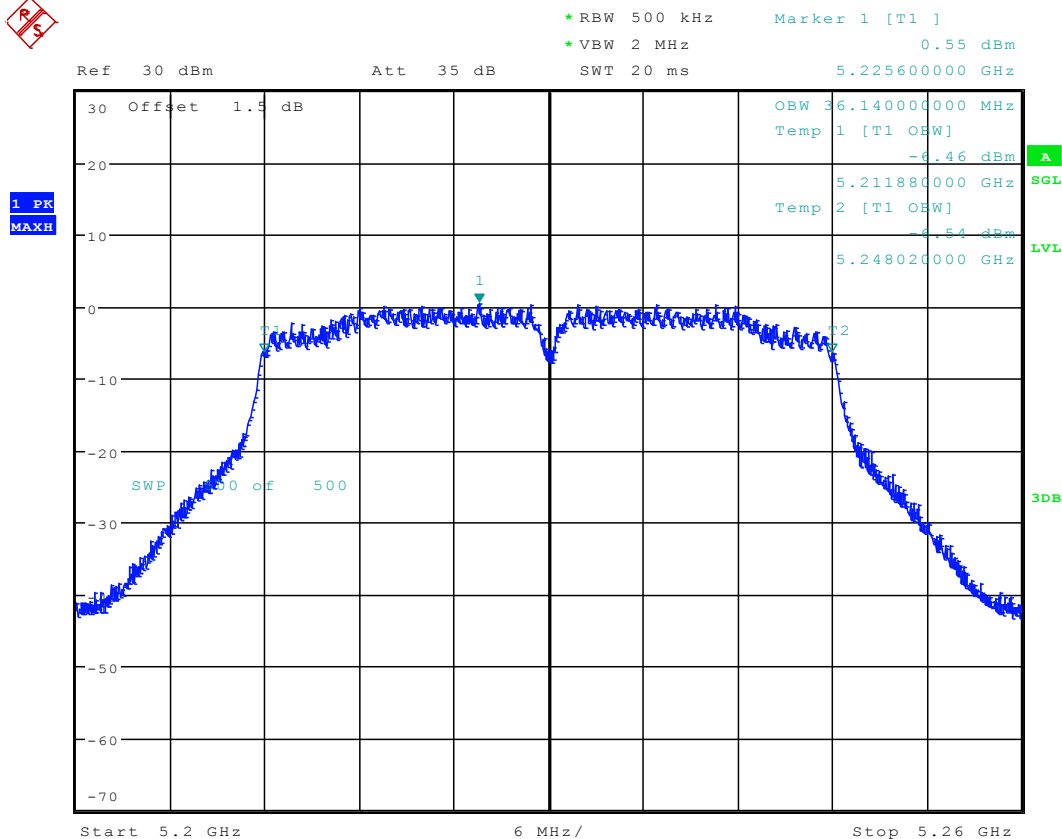
Date: 26.JAN.2018 15:56:10

6.147 11AC40MIMO_46 ANT 1



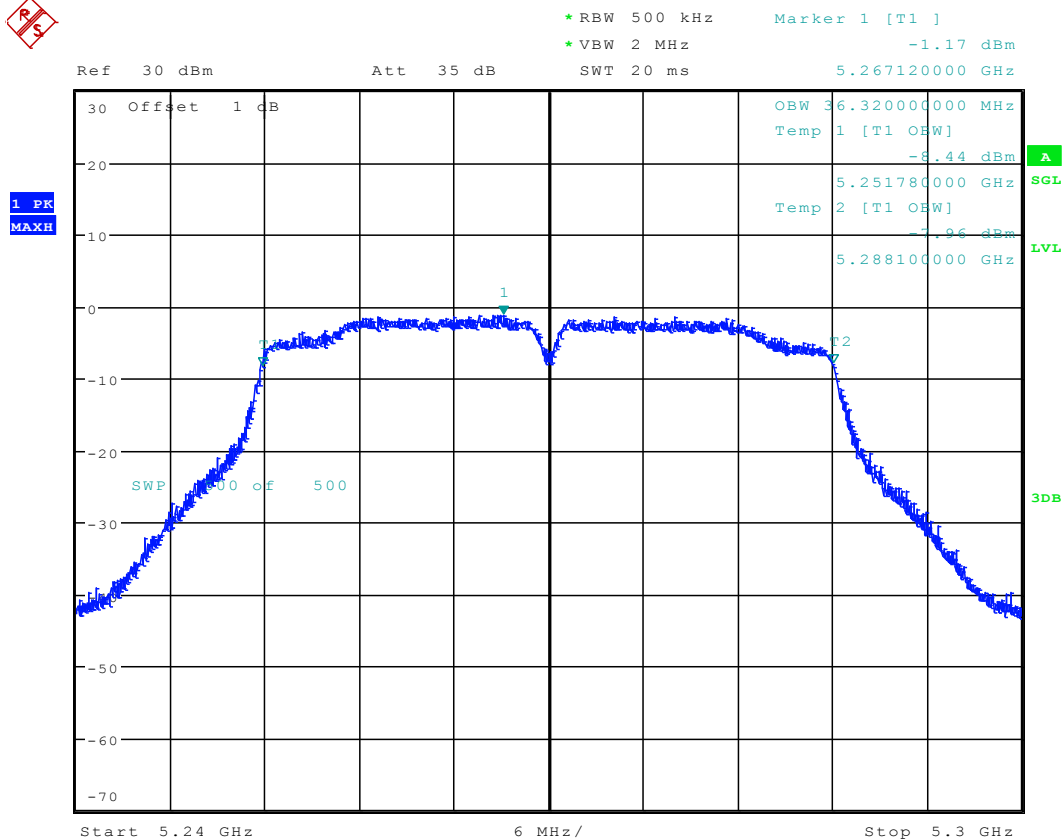
Date: 23.JAN.2018 16:09:17

6.148 11AC40MIMO_46 ANT 2



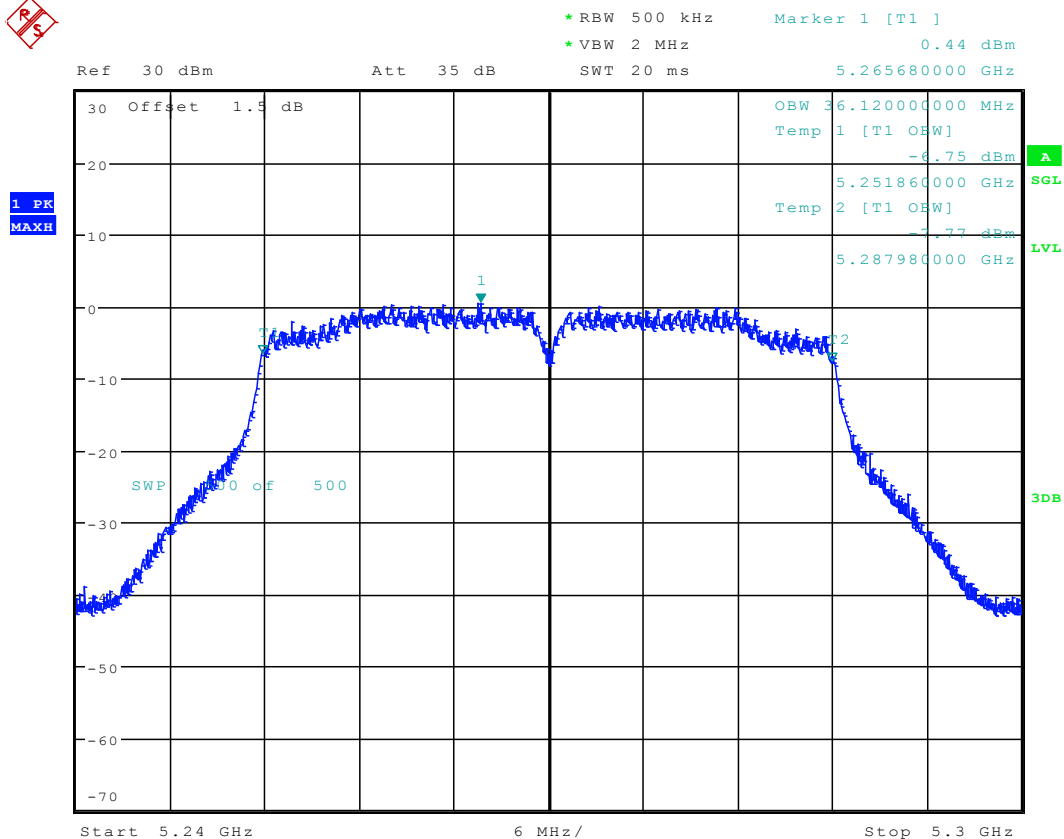
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6.149 11AC40MIMO_54 ANT 1



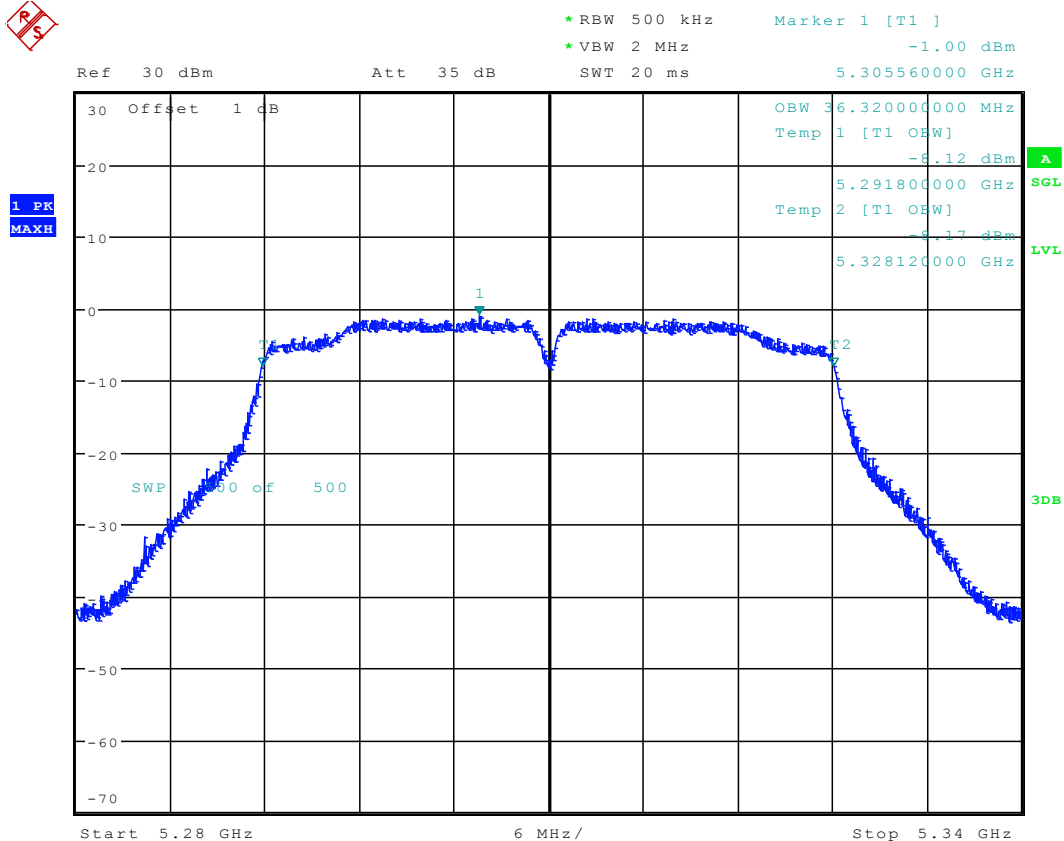
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6.150 11AC40MIMO_54 ANT 2



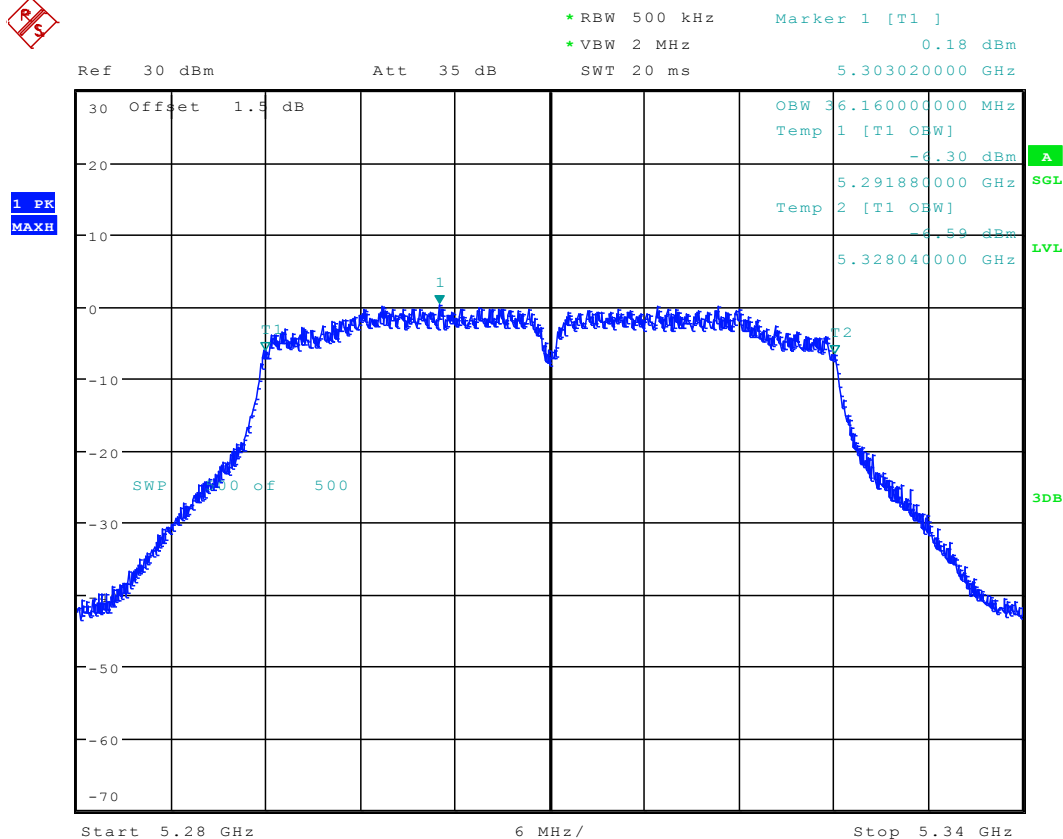
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6.151 11AC40MIMO_62 ANT 1



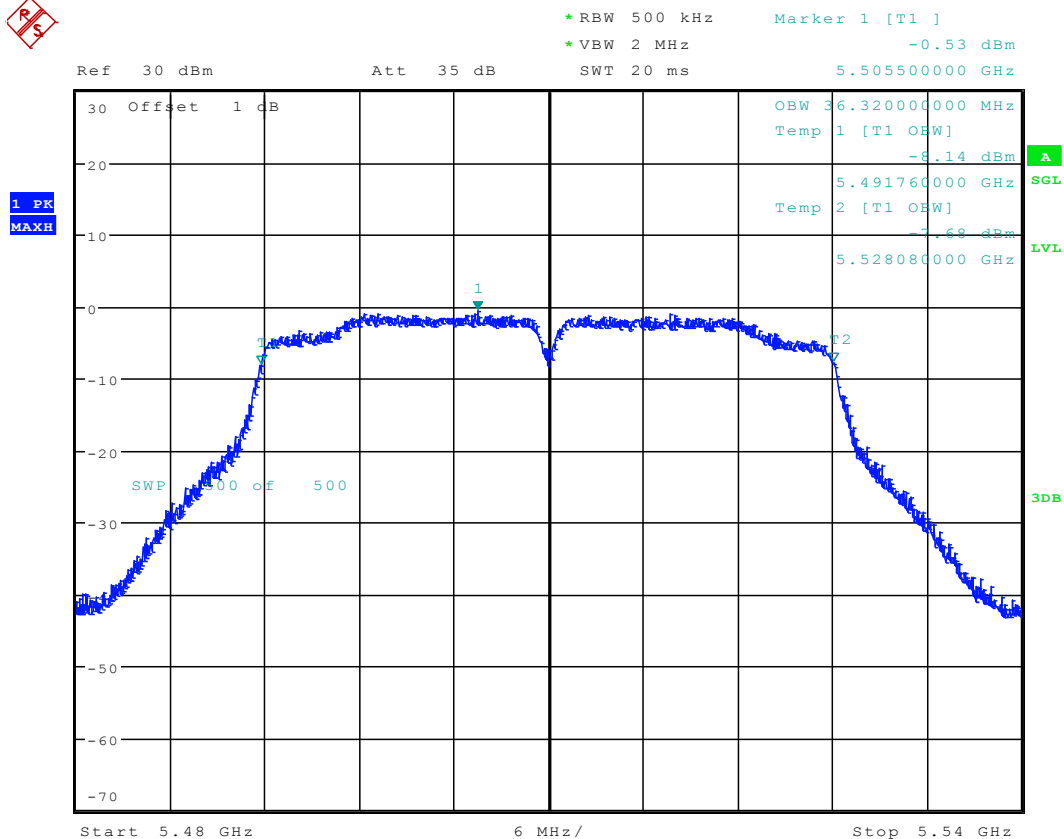
Date: 23.JAN.2018 16:14:45

6.152 11AC40MIMO_62 ANT 2



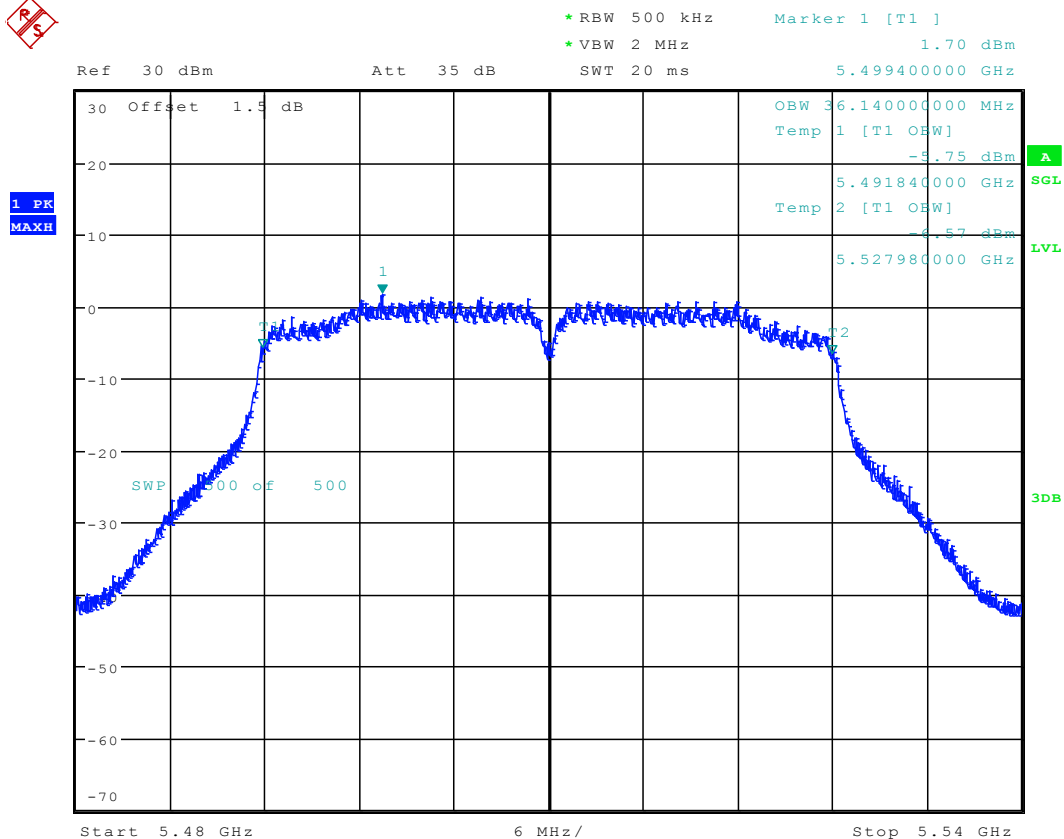
Date: 26.JAN.2018 16:06:35

6.153 11AC40MIMO_102 ANT 1



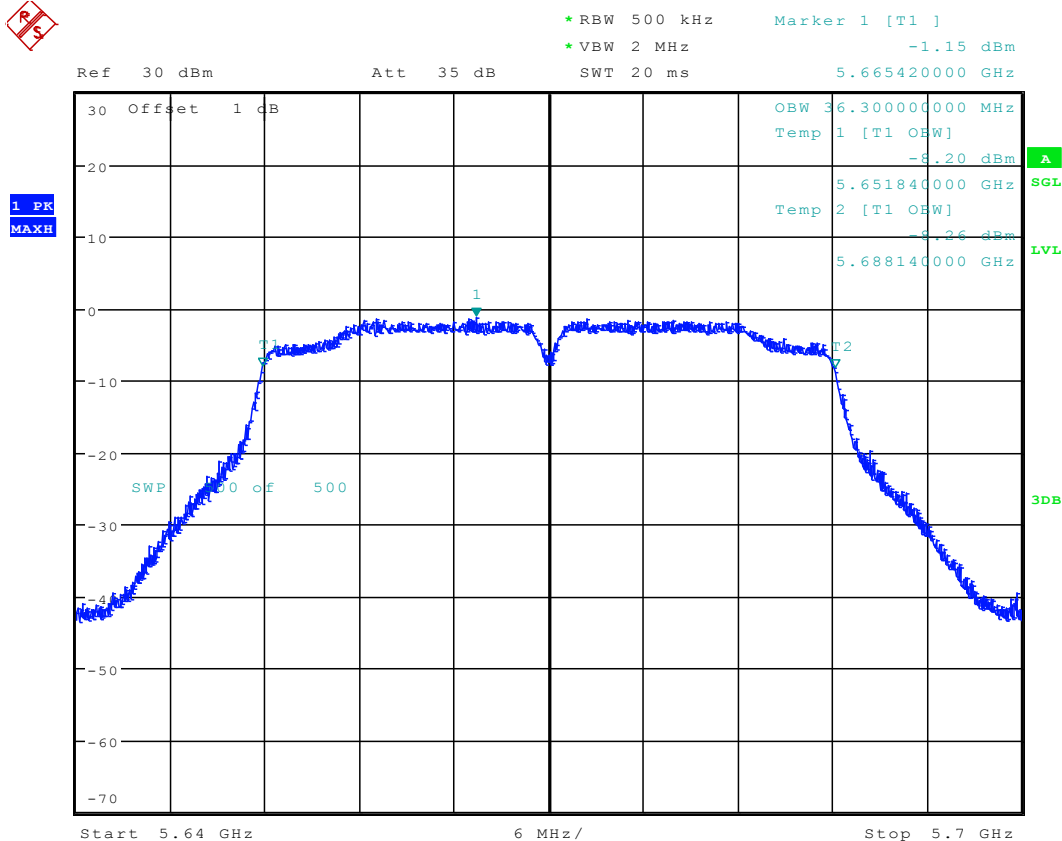
Date: 23.JAN.2018 16:17:24

6.154 11AC40MIMO_102 ANT 2



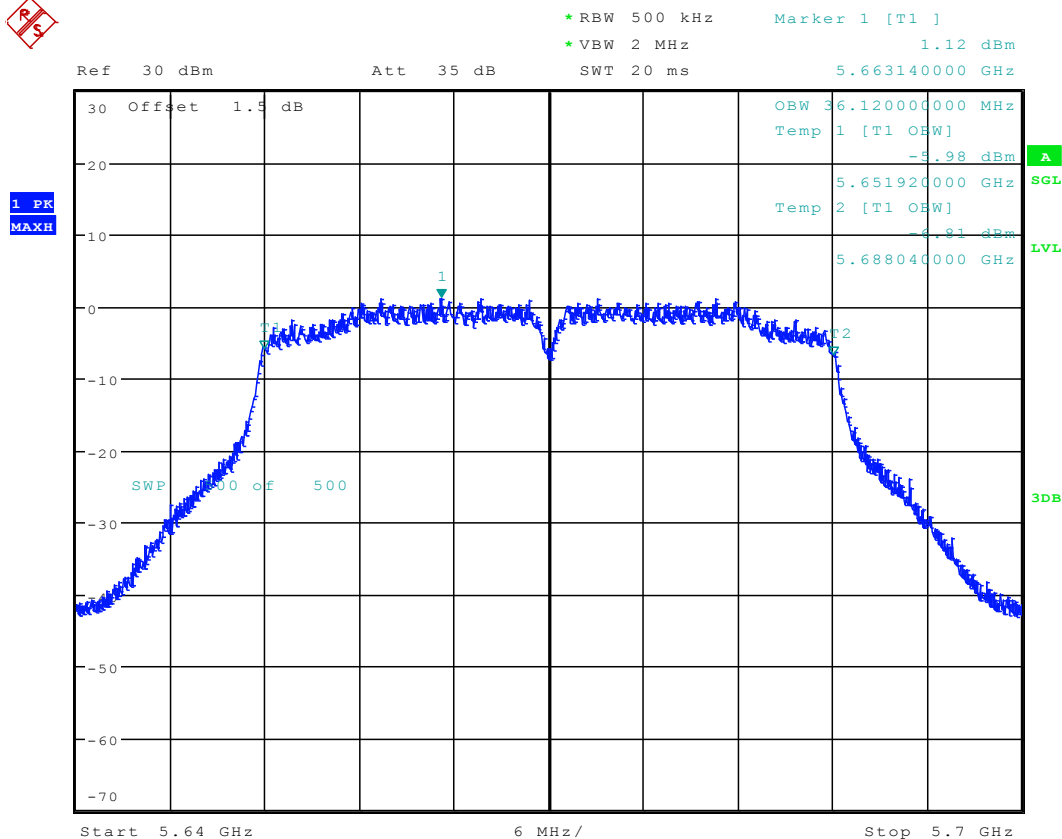
Date: 26.JAN.2018 16:09:19

6.155 11AC40MIMO_134 ANT 1



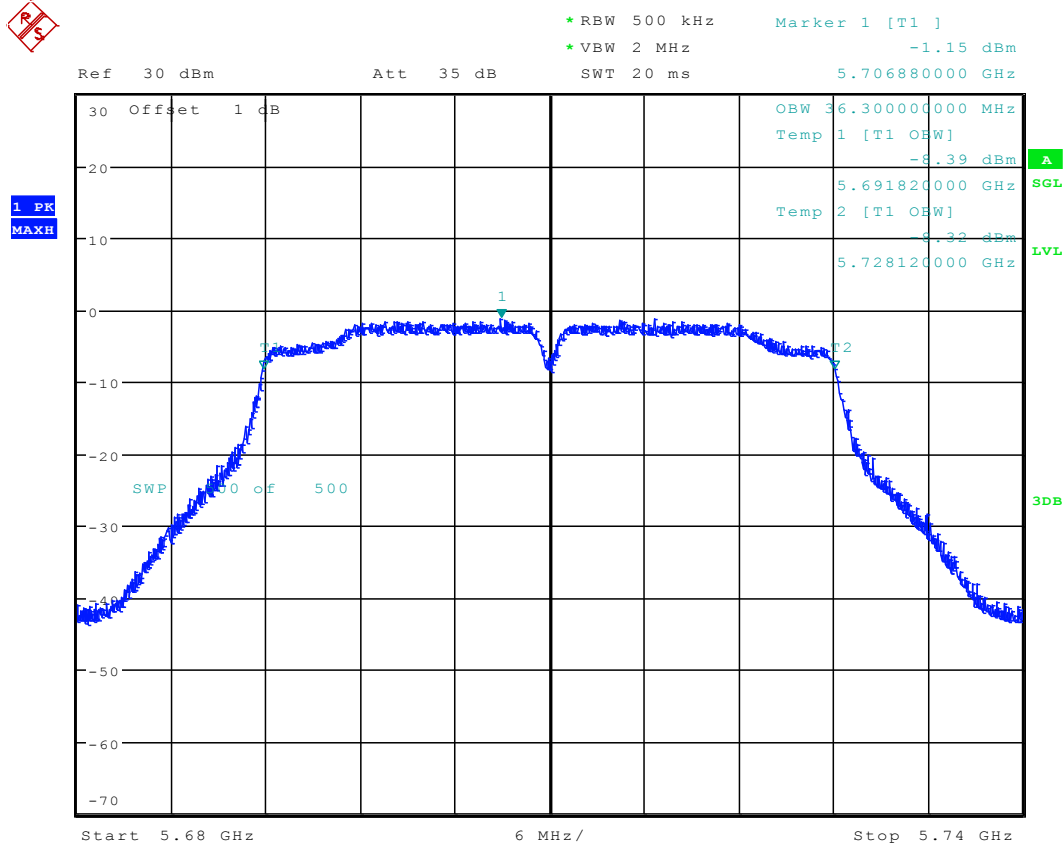
Date: 23.JAN.2018 16:19:46

6.156 11AC40MIMO_134 ANT 2



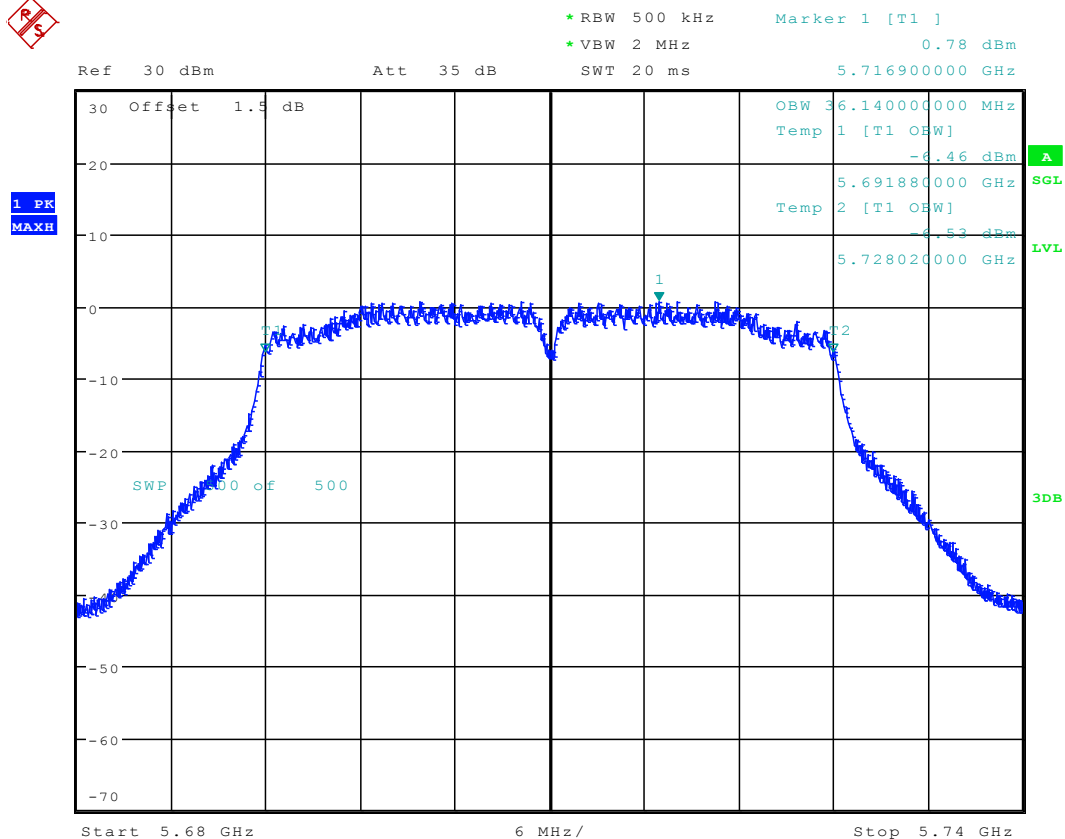
Date: 26.JAN.2018 16:11:42

6.157 11AC40MIMO_142 ANT 1



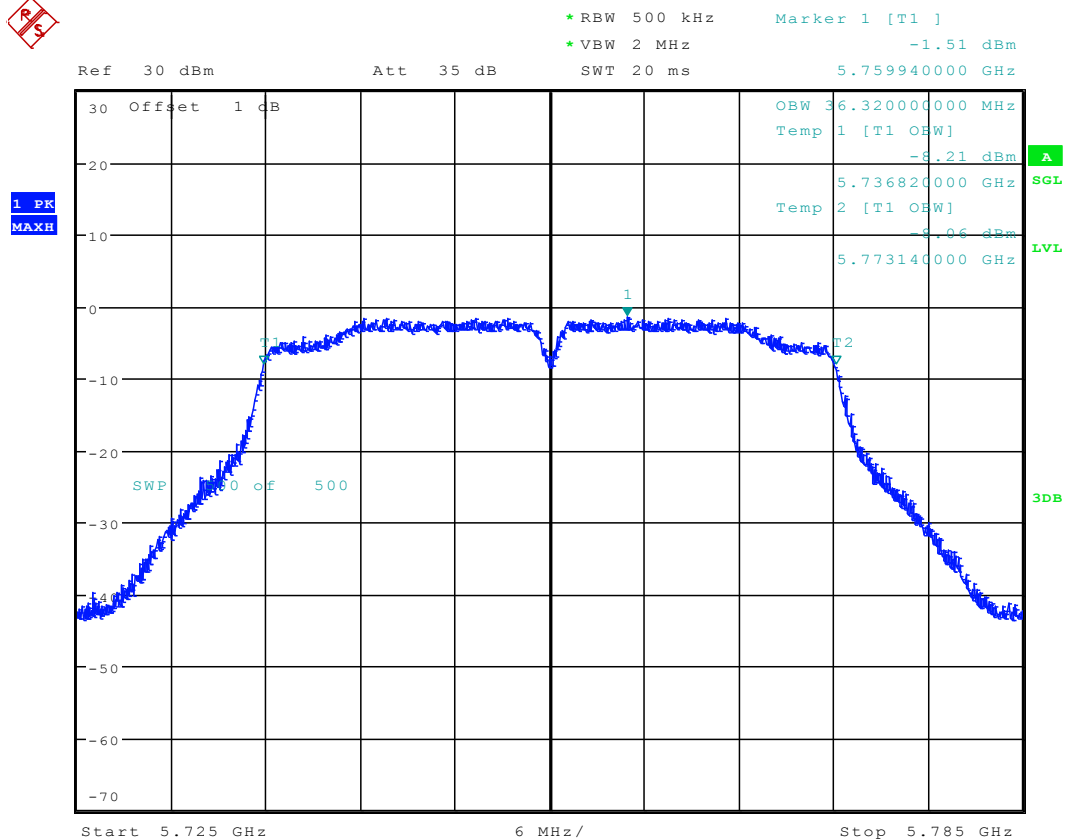
Date: 23.JAN.2018 16:22:13

6.158 11AC40MIMO_142 ANT 2



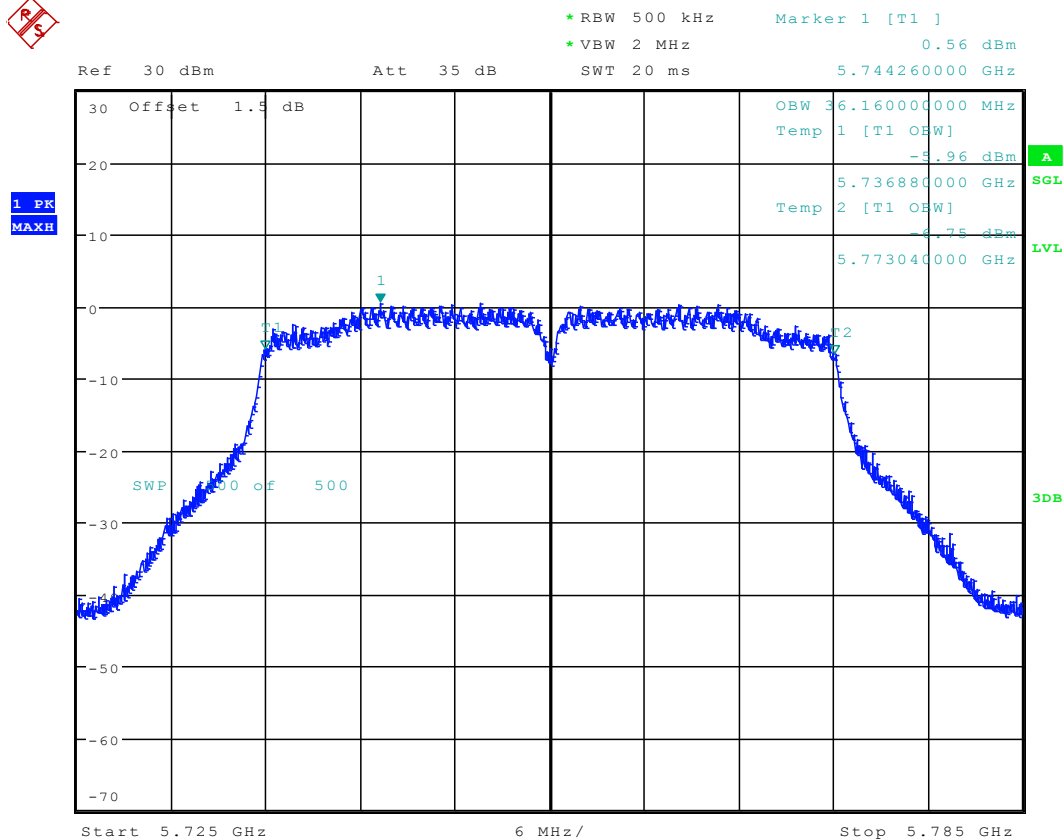
Date: 26.JAN.2018 16:13:59

6.159 11AC40MIMO_151 ANT 1



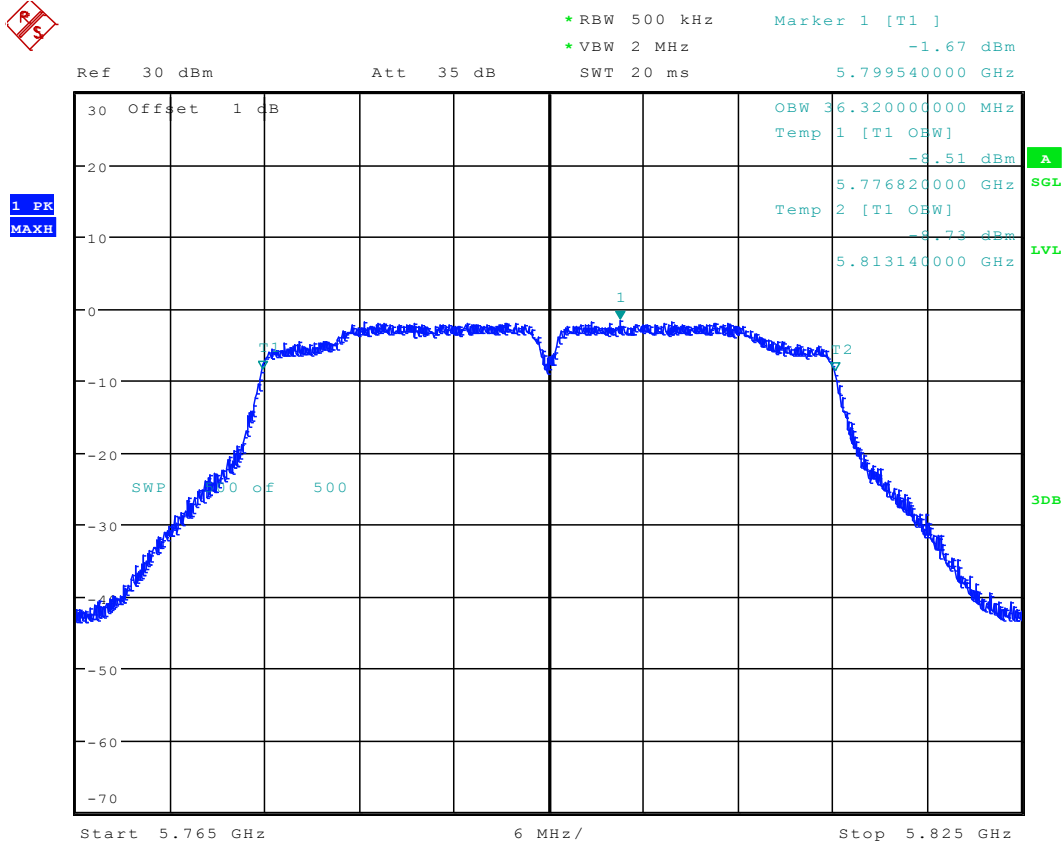
Date: 23.JAN.2018 16:25:10

6.160 11AC40MIMO_151 ANT 2



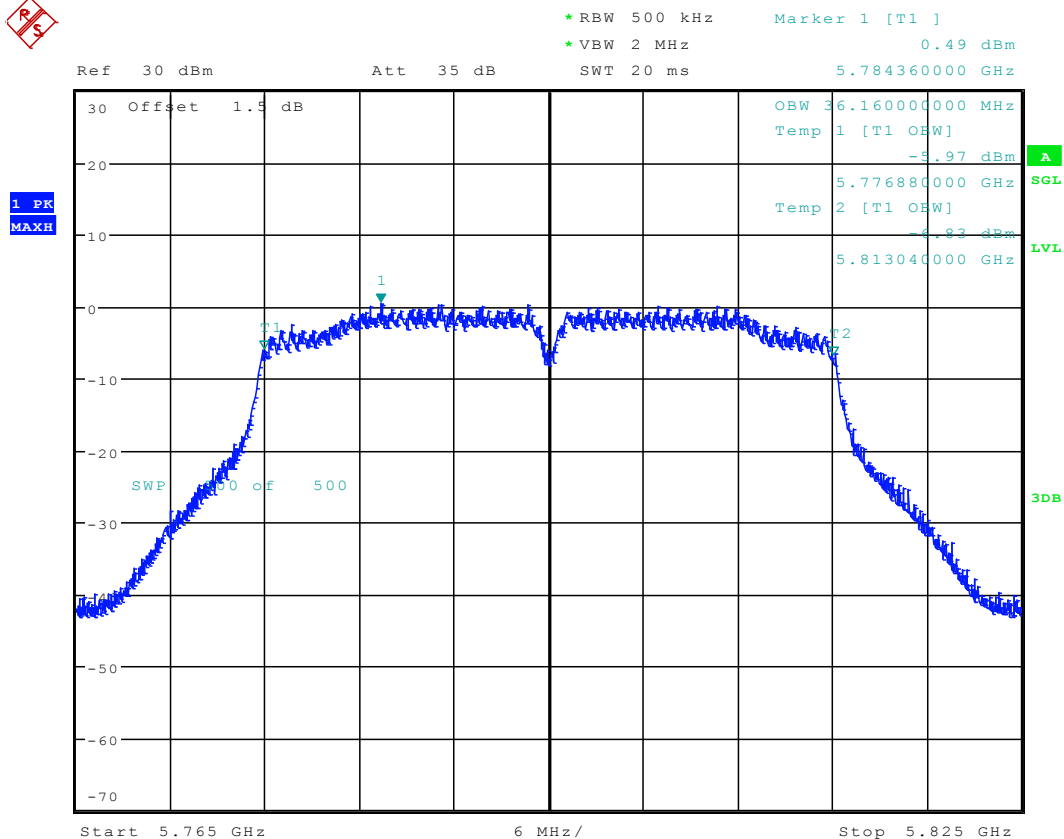
Date: 26.JAN.2018 16:16:39

6.161 11AC40MIMO_159 ANT 1



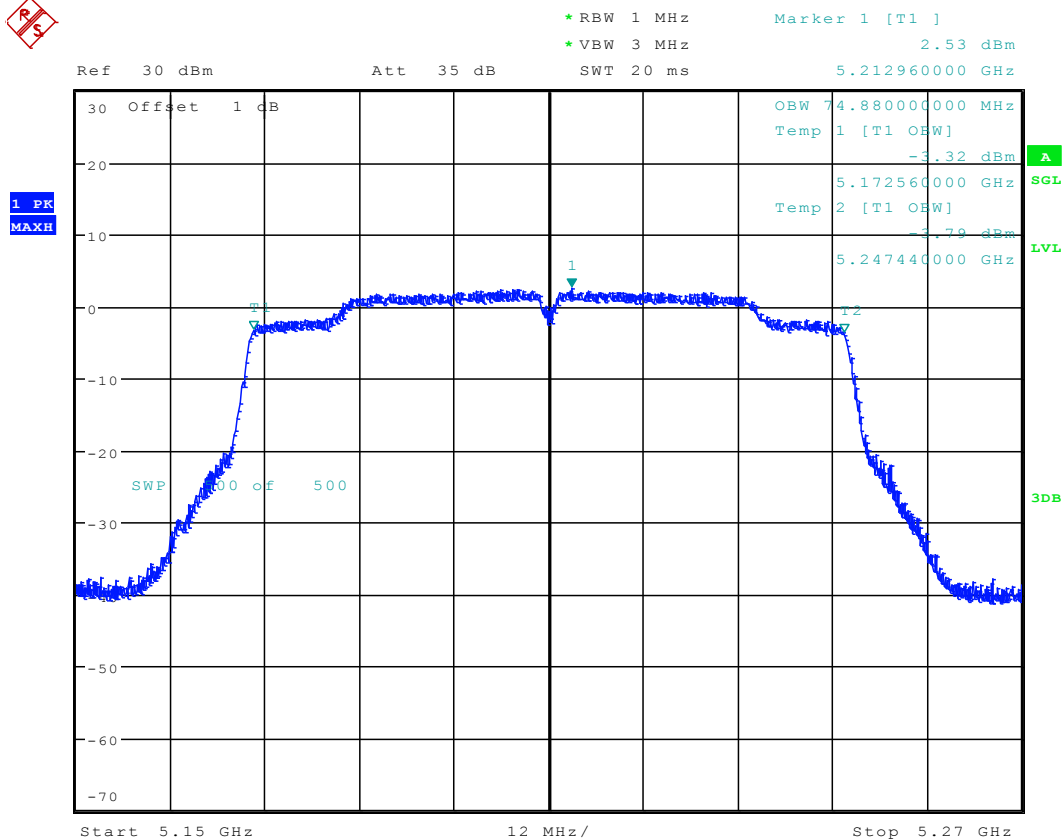
Date: 23.JAN.2018 16:38:32

6.162 11AC40MIMO_159 ANT 2



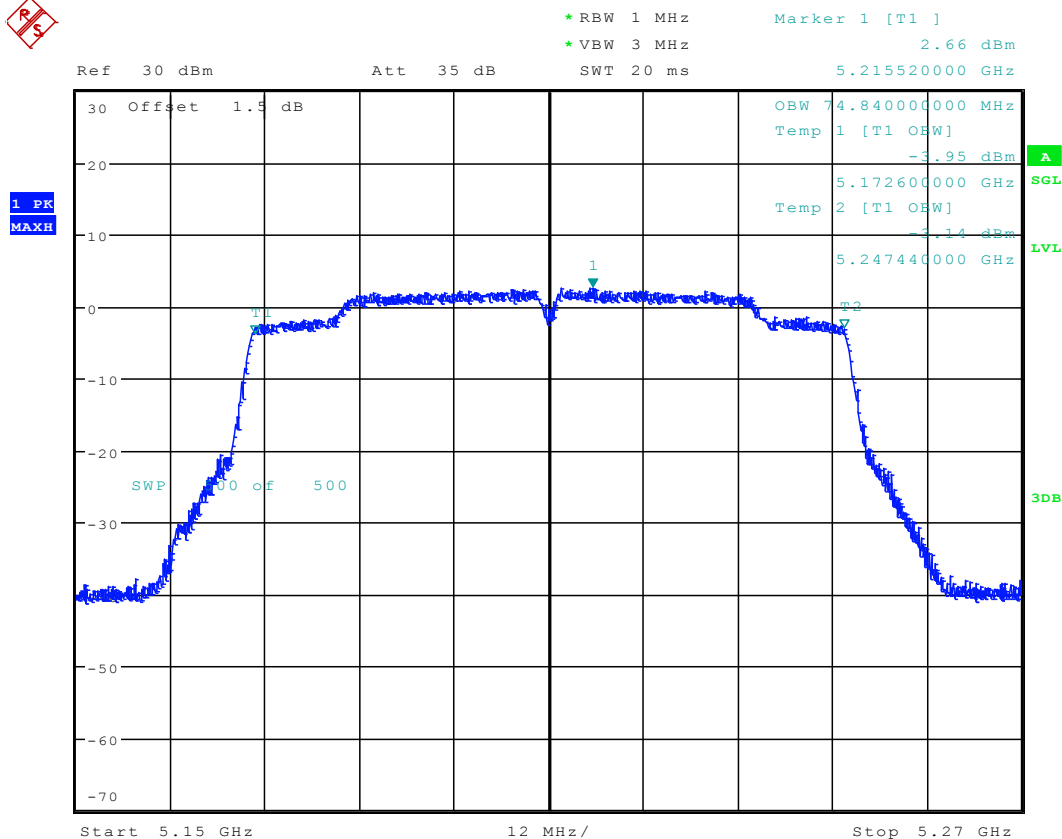
Date: 26.JAN.2018 16:26:05

6.163 11AC80_42 ANT 1



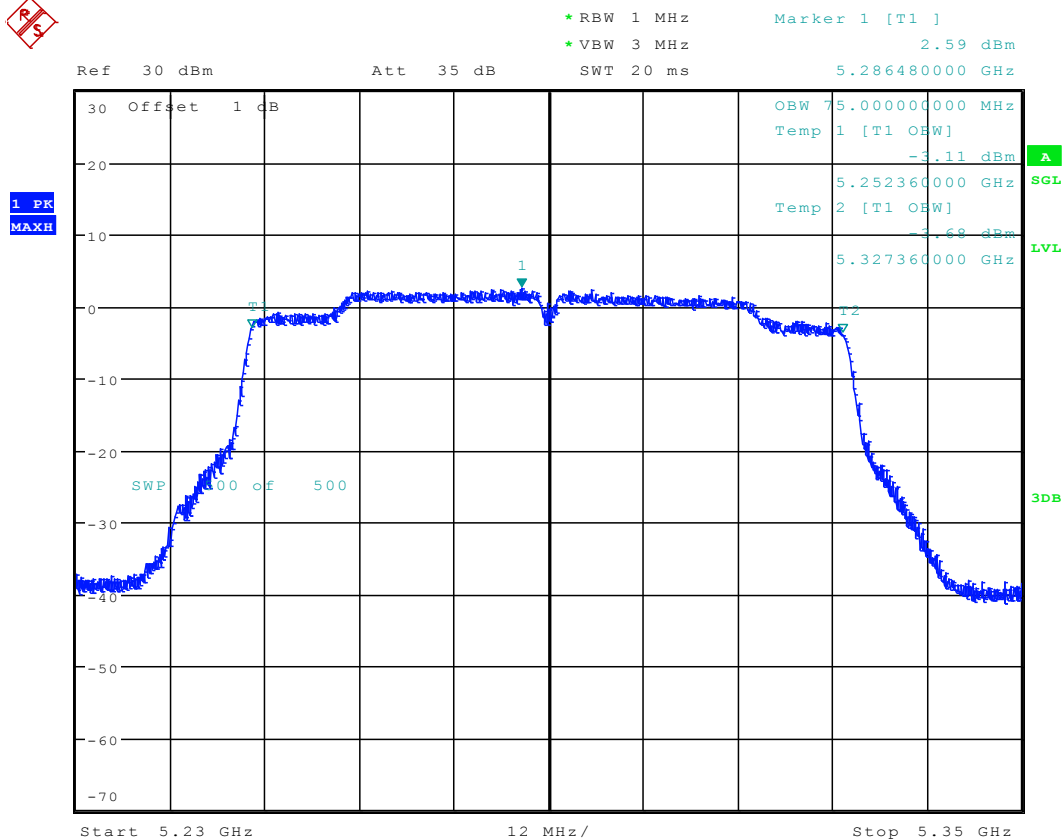
Date: 22.JAN.2018 17:29:52

6.164 11AC80_42 ANT 2



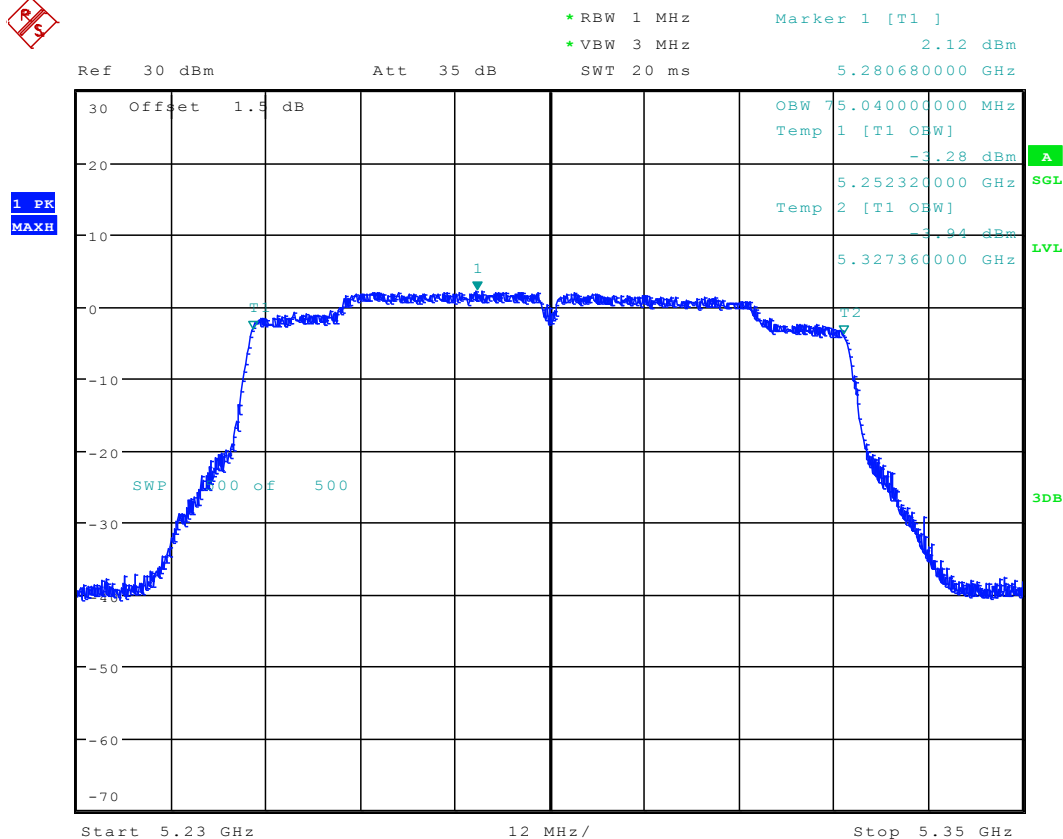
Date: 26.JAN.2018 17:55:55

6.165 11AC80_58 ANT 1



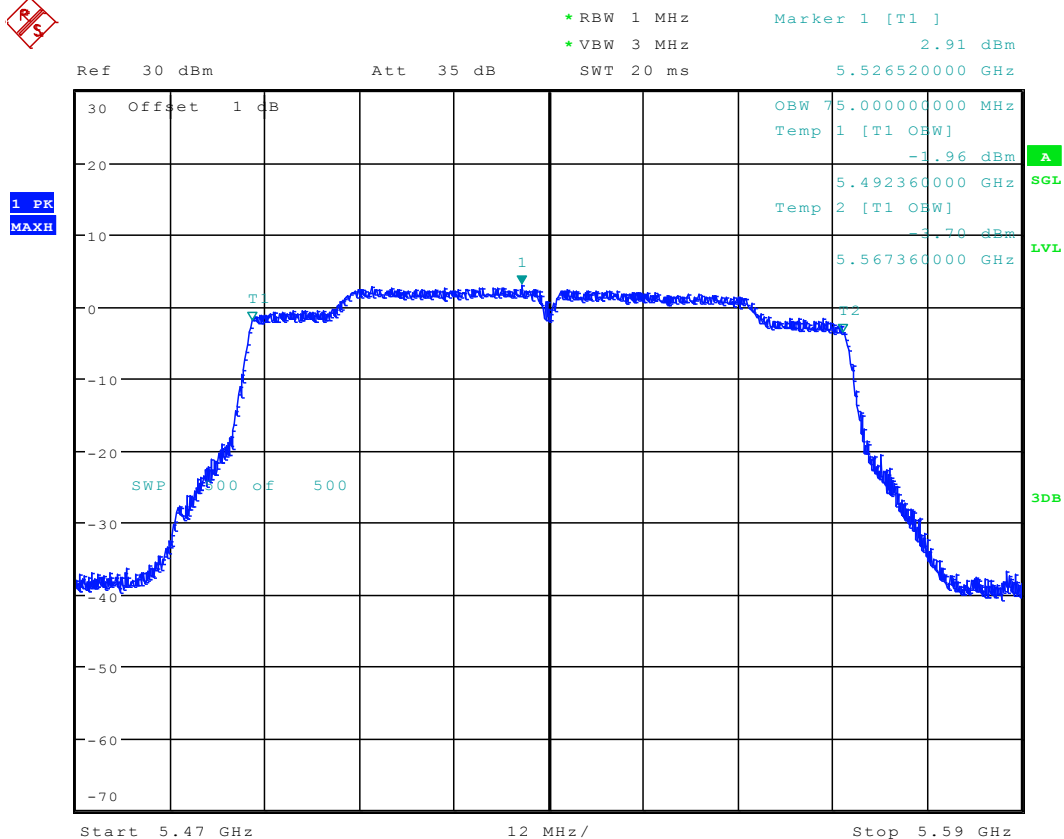
Date: 22.JAN.2018 17:35:20

6.166 11AC80_58 ANT 2



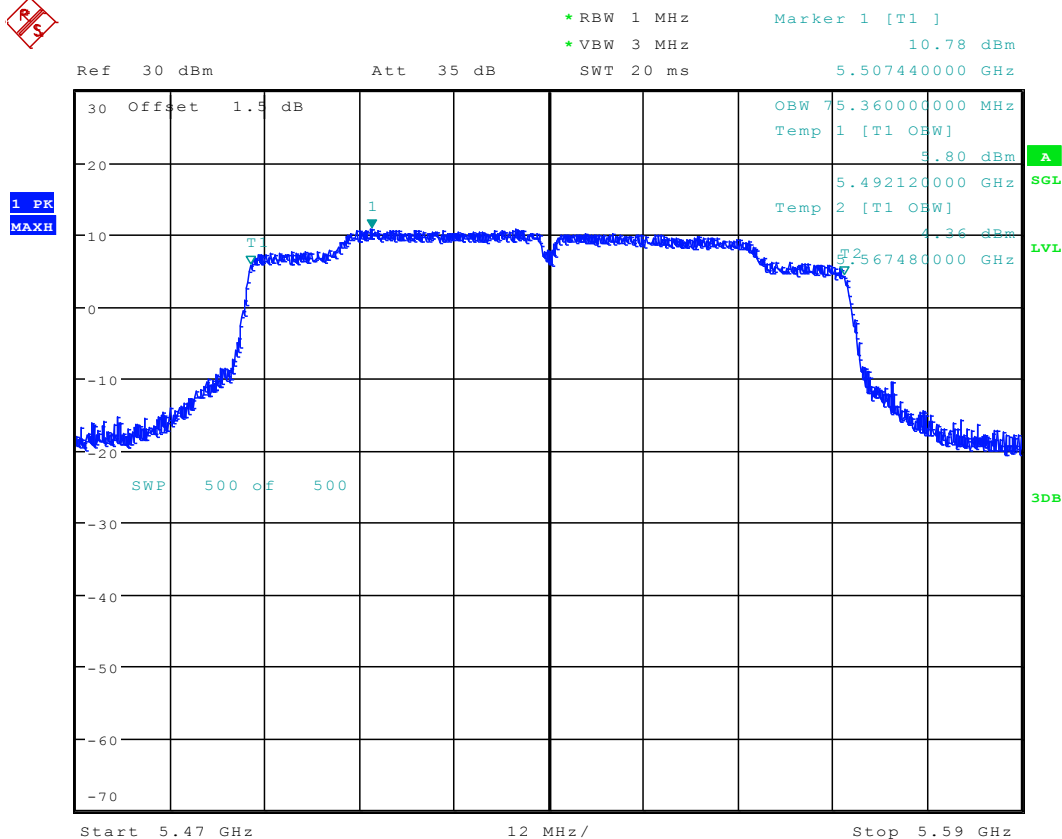
Date: 26.JAN.2018 17:59:53

6.167 11AC80_106 ANT 1



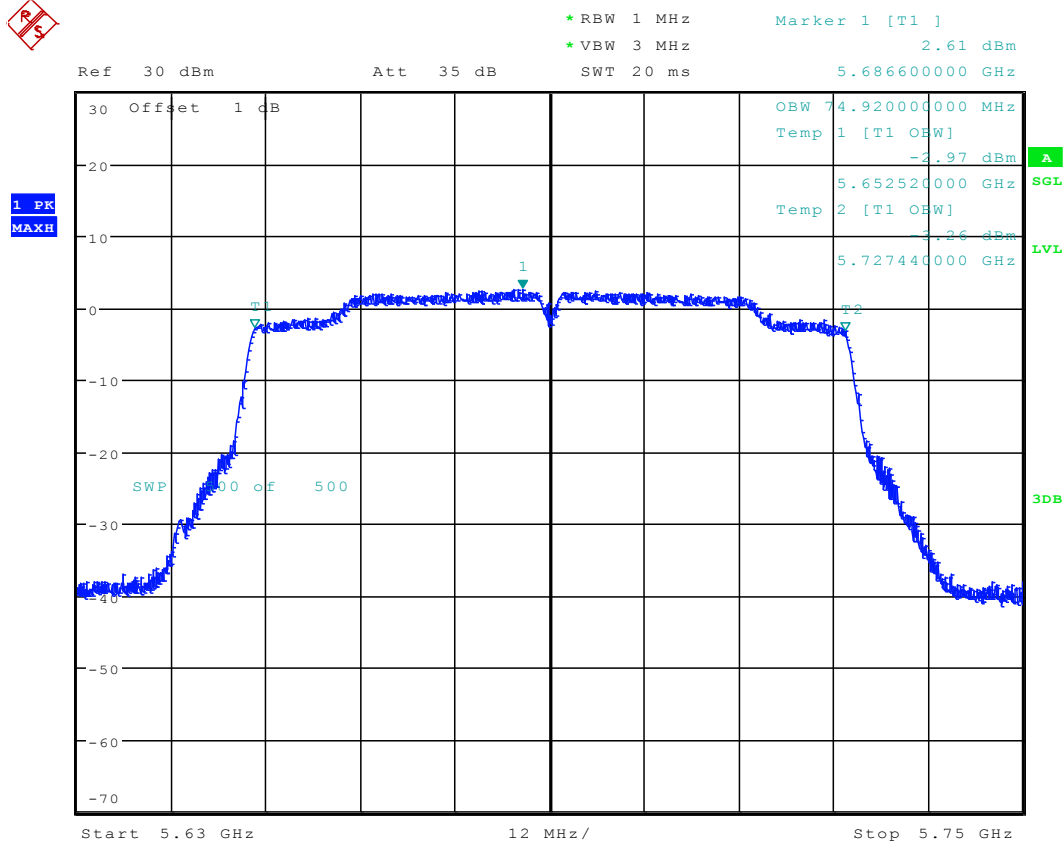
Date: 22.JAN.2018 17:39:37

6.168 11AC80_106 ANT 2



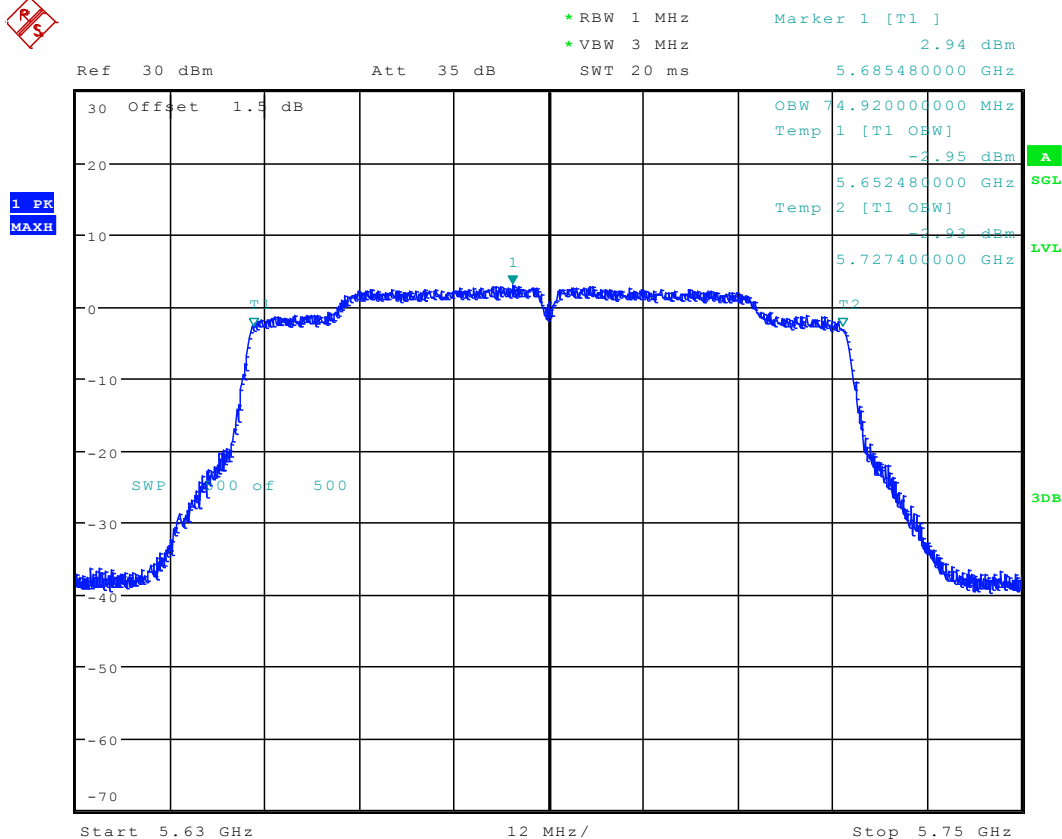
Date: 26.JAN.2018 18:03:58

6.169 11AC80_138 ANT 1



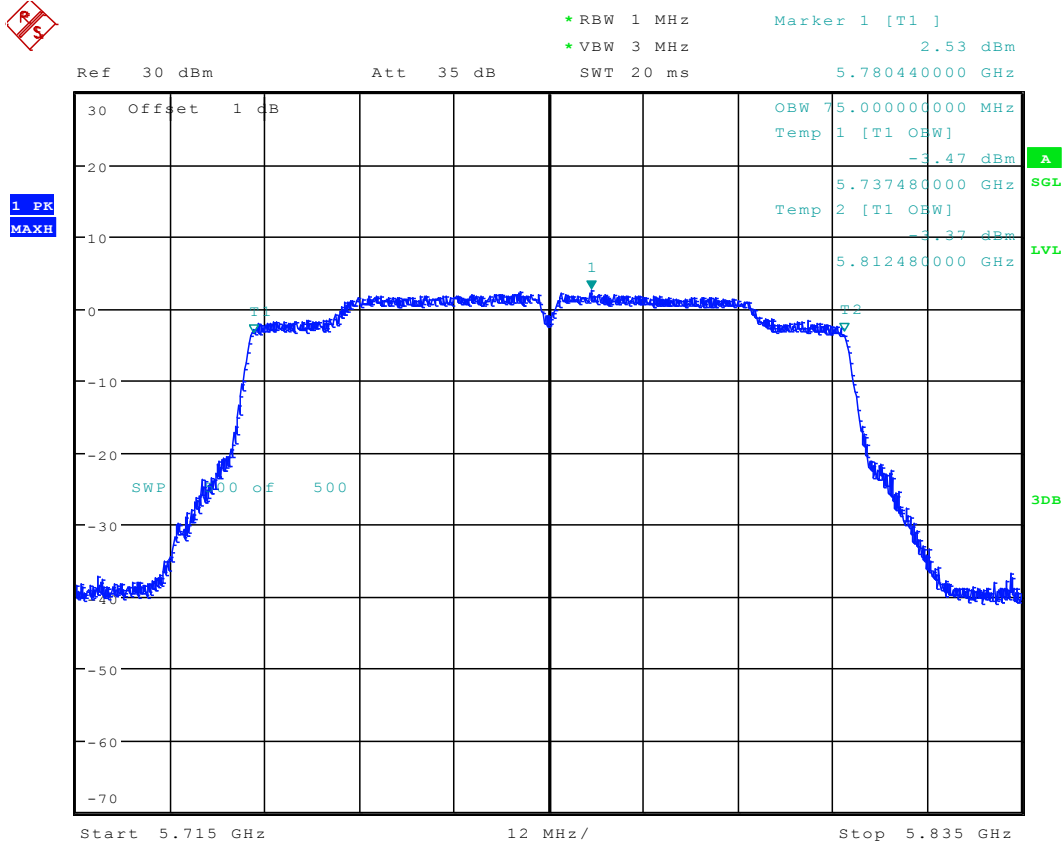
Date: 22.JAN.2018 17:47:25

6.170 11AC80_138 ANT 2



Date: 26.JAN.2018 18:07:59

6.171 11AC80_155 ANT 1



Date: 22.JAN.2018 17:51:32

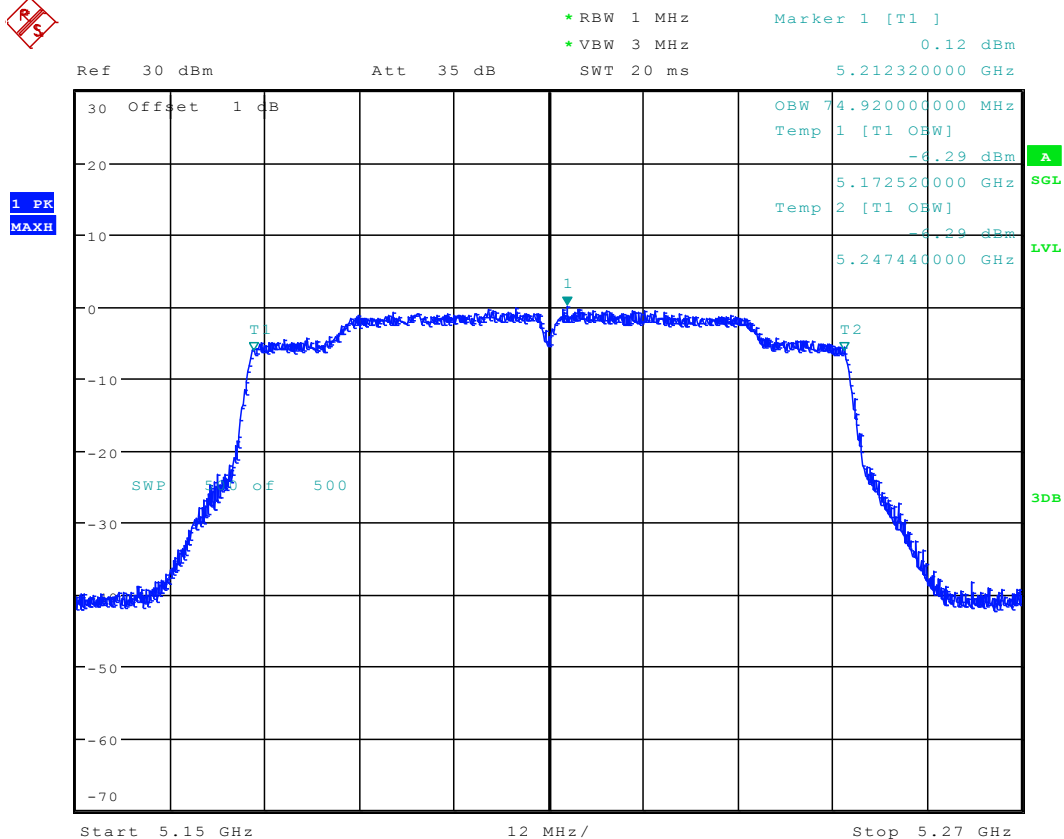


Ref 30 dBm Att 35 dB SWT 20 ms 5.771360000 GHz



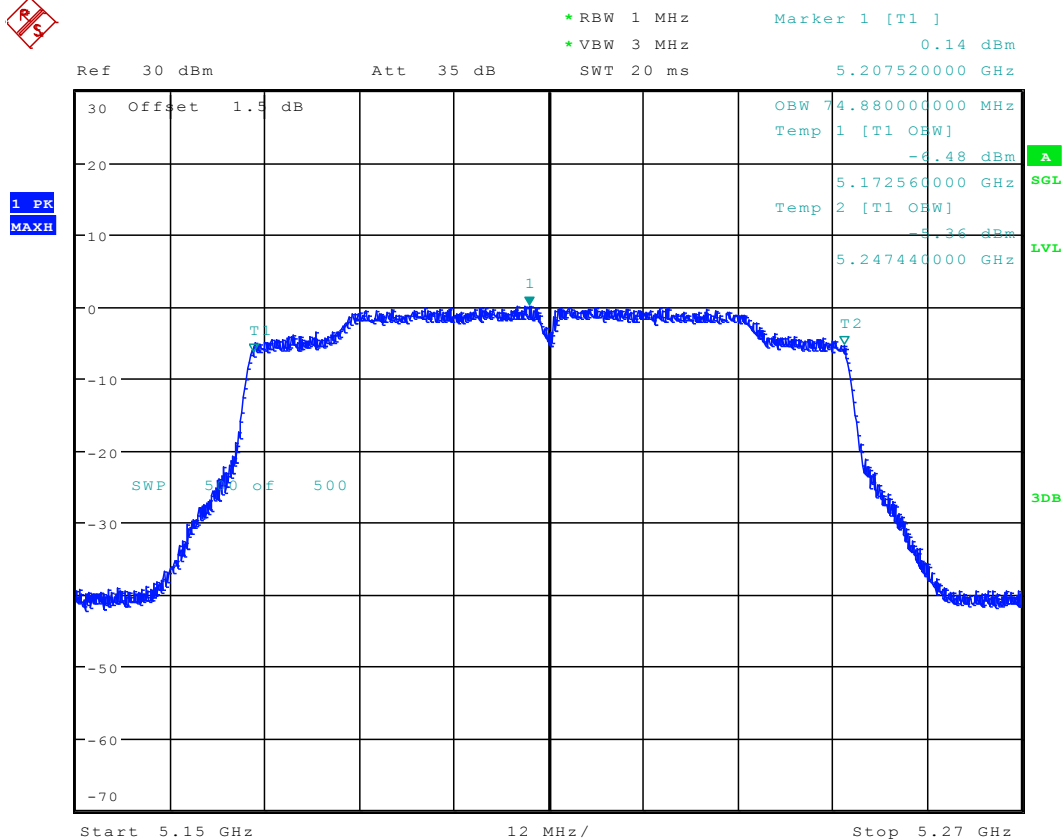
A
SGL
LVL
3DB

6.173 11AC80MIMO_42 ANT 1



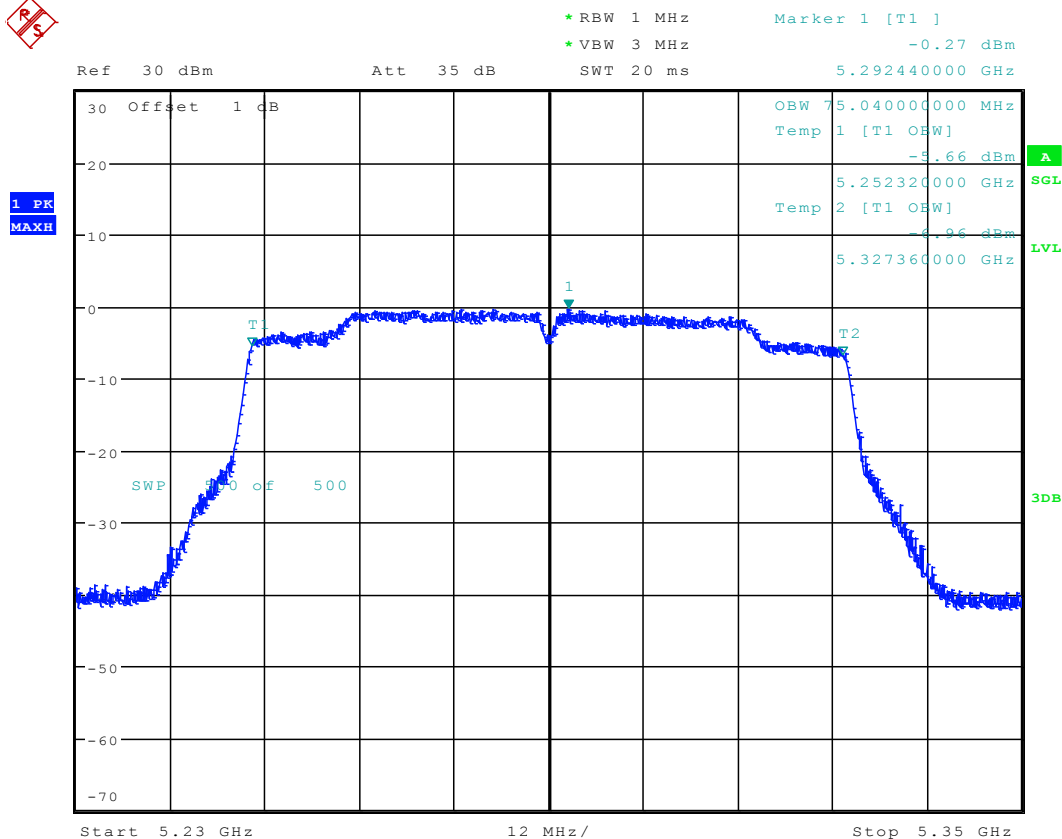
Date: 23.JAN.2018 16:43:48

6.174 11AC80MIMO_42 ANT 2



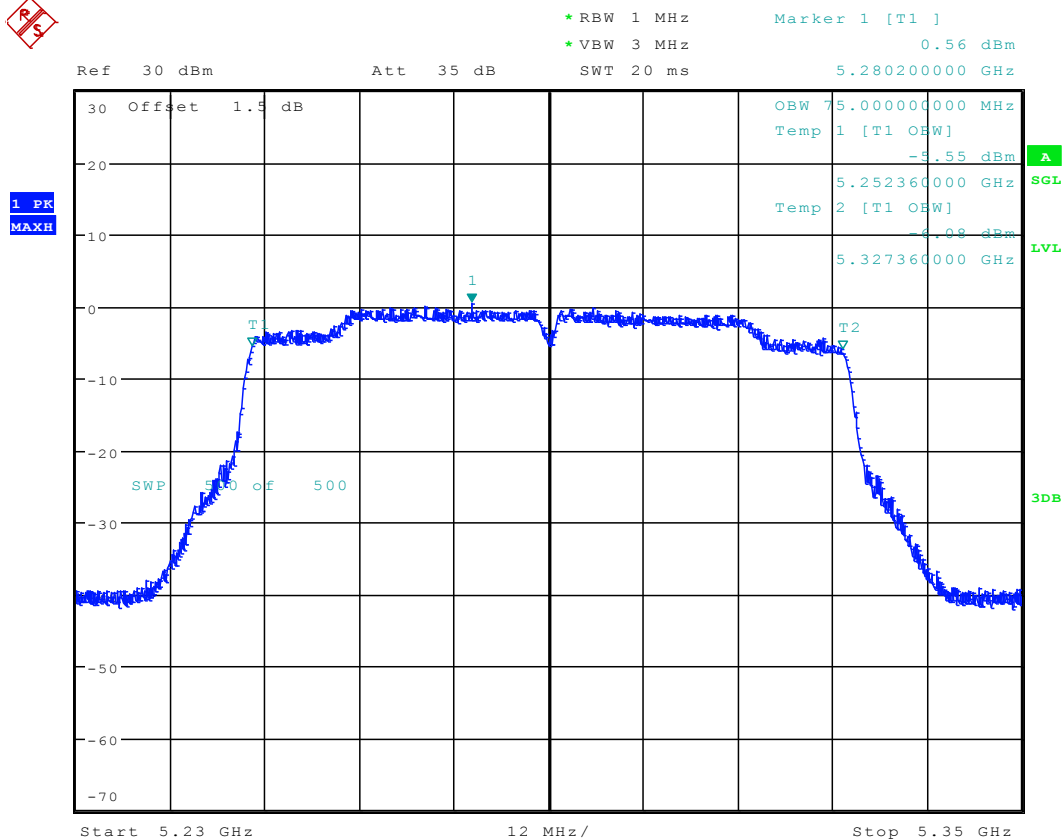
Date: 26.JAN.2018 16:30:55

6.175 11AC80MIMO_58 ANT 1



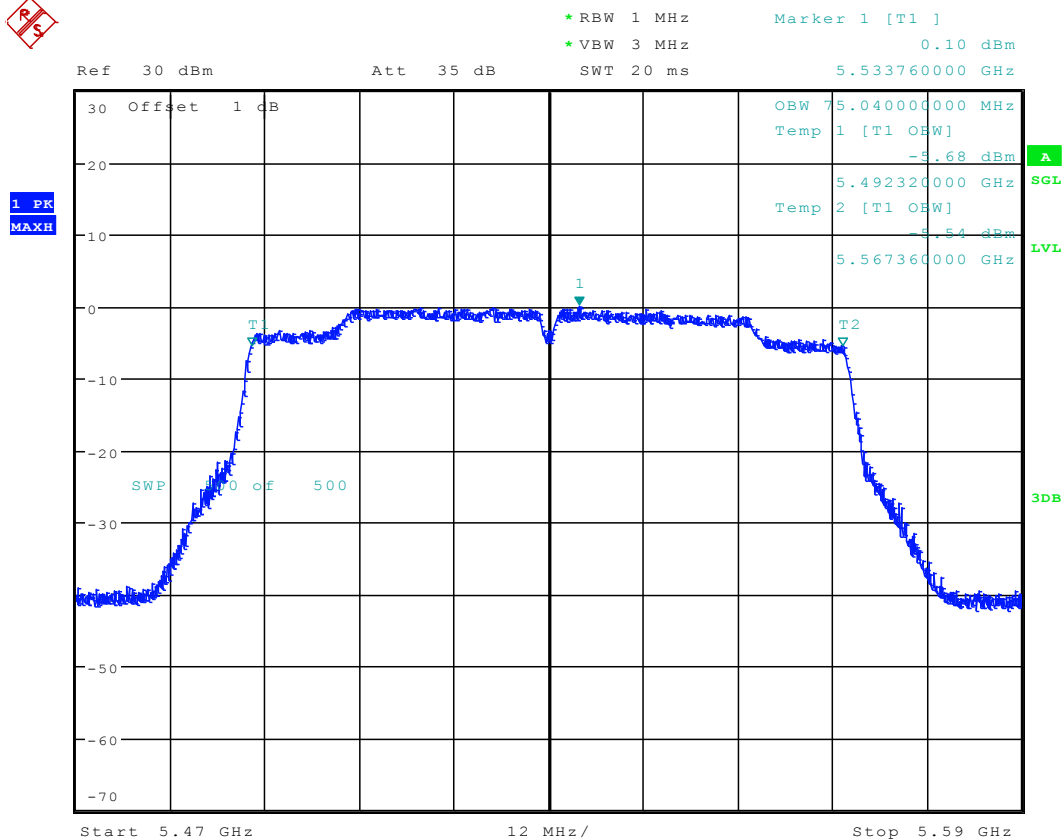
Date: 23.JAN.2018 16:48:19

6.176 11AC80MIMO_58 ANT 2



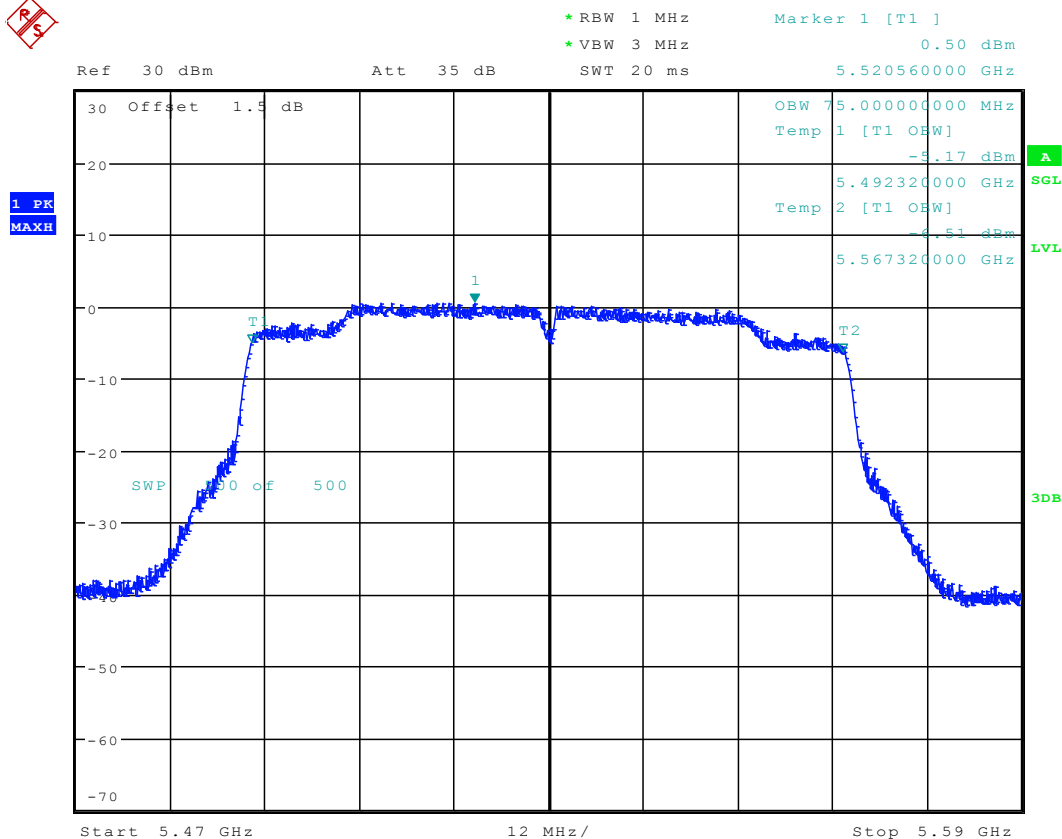
Date: 26.JAN.2018 16:48:45

6.177 11AC80MIMO_106 ANT 1



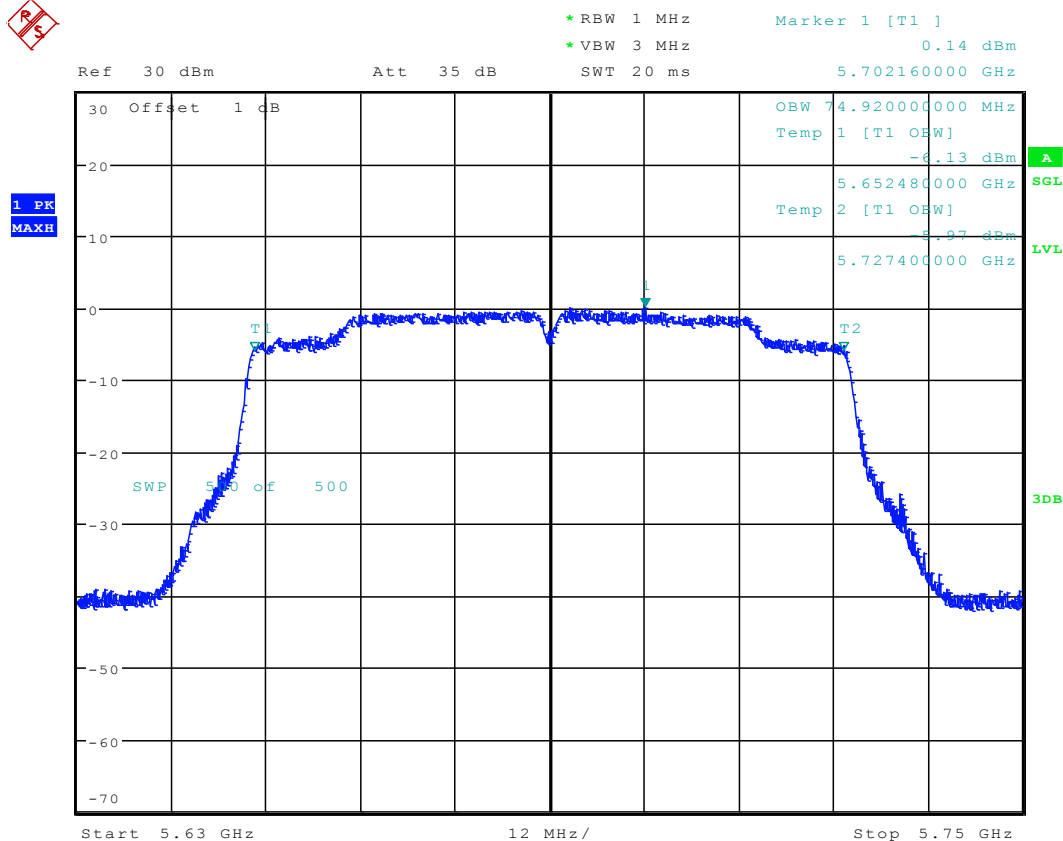
Date: 23.JAN.2018 16:53:40

6.178 11AC80MIMO_106 ANT 2



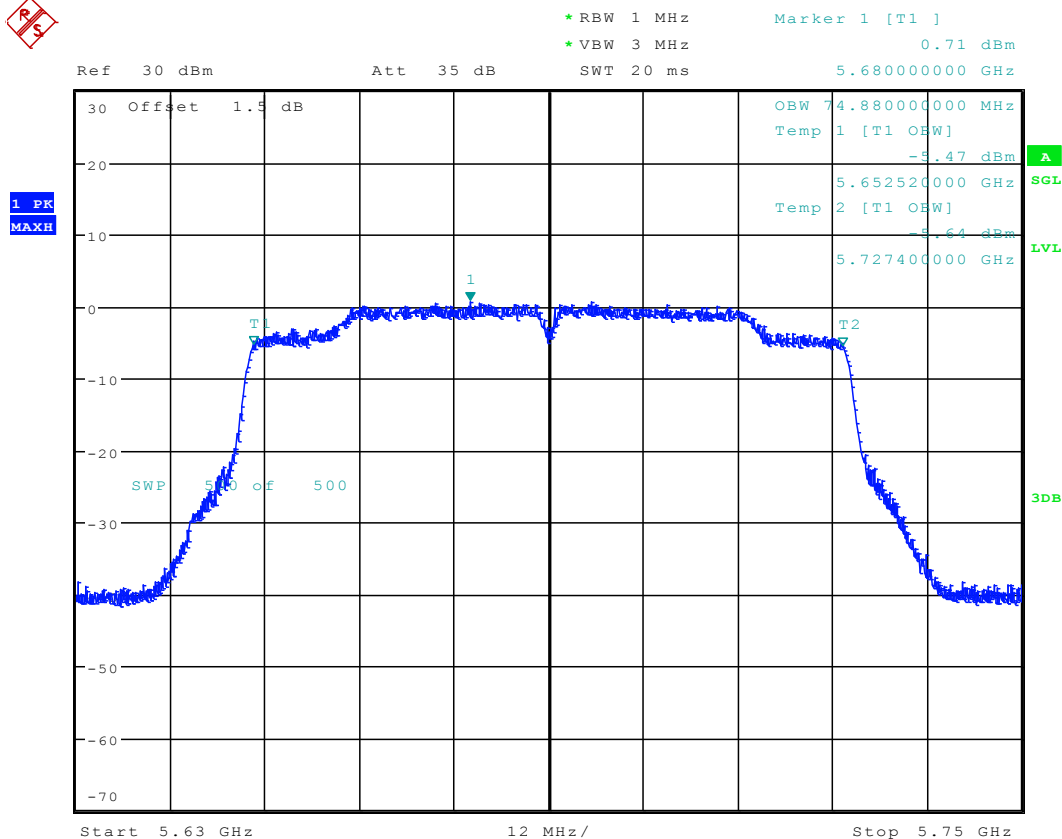
Date: 26.JAN.2018 16:52:48

6.179 11AC80MIMO_138 ANT 1



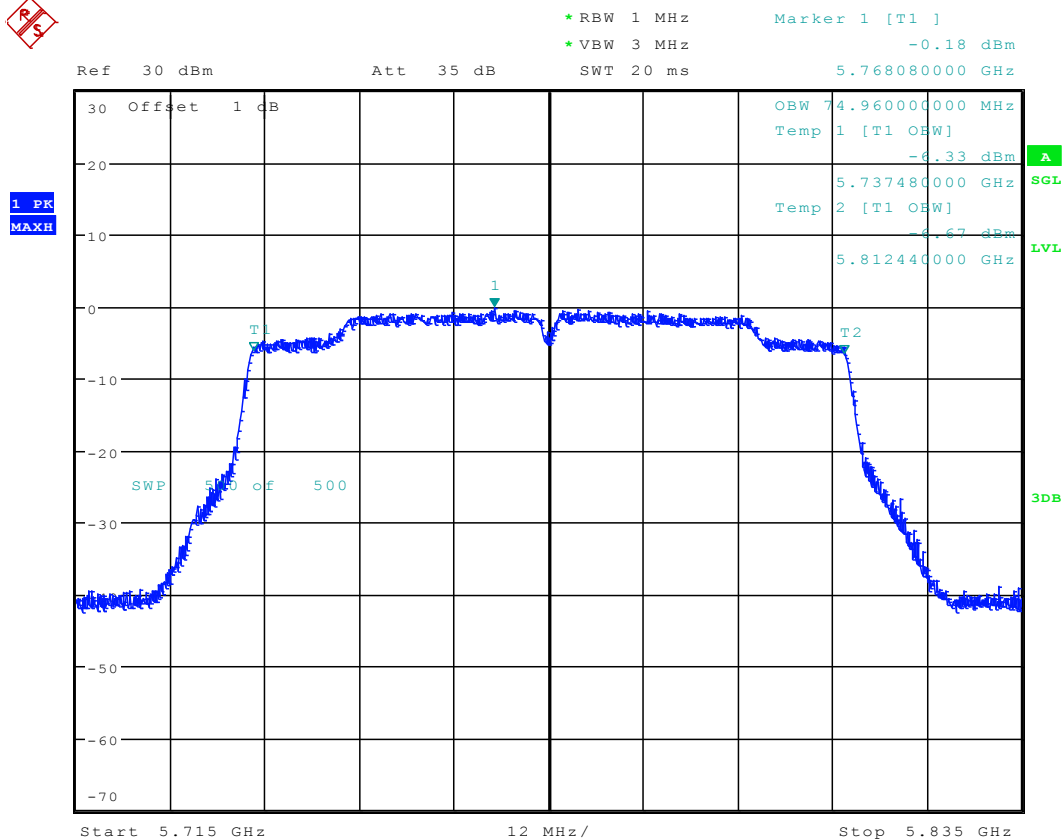
Date: 23.JAN.2018 17:02:00

6.180 11AC80MIMO_138 ANT 2



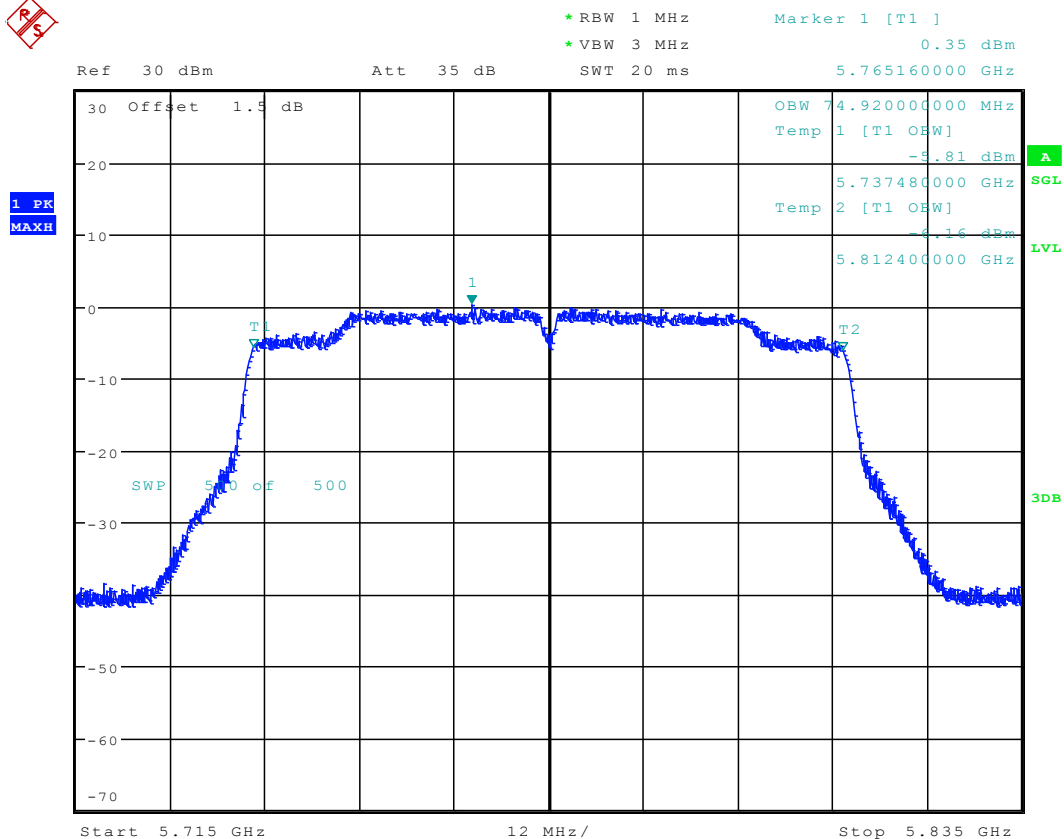
Date: 26.JAN.2018 16:57:10

6.181 11AC80MIMO_155 ANT 1



Date: 23.JAN.2018 17:06:15

6.182 11AC80MIMO_155 ANT 2



Date: 26.JAN.2018 17:01:23

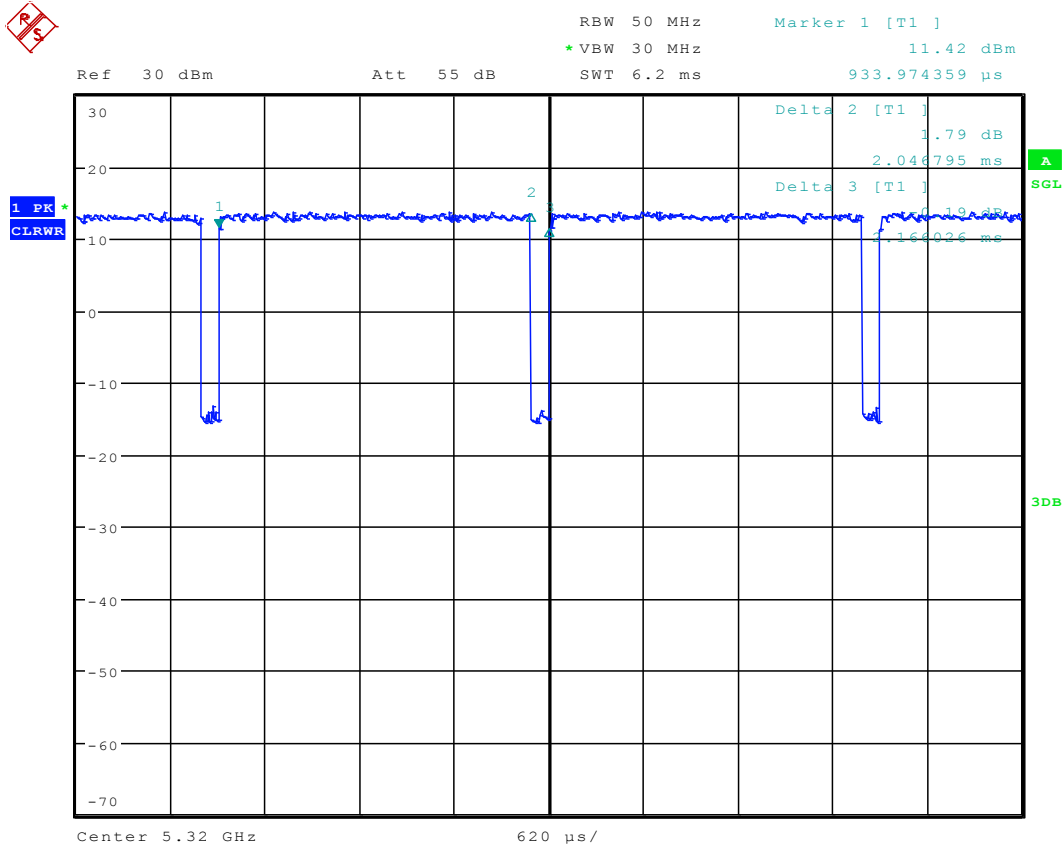
Appendix C: Duty Cycle

7 Part I - Test Results

Test Mode	Antenna Port	Power Conf.,	Duty cycle [%]
11A20	ANT 1	9.5	94
11A20	ANT 2	9	95
11N20	ANT 1	9.5	96
11N20	ANT 2	9	96
11N20MIMO	ANT 1	6.5	85
11N20MIMO	ANT 2	6.5	84
11N40	ANT 1	9.5	85
11N40	ANT 2	9	84
11N40MIMO	ANT 1	6.5	84
11N40MIMO	ANT 2	6.5	83
11AC20	ANT 1	9.5	96
11AC20	ANT 2	9	95
11AC20MIMO	ANT 1	6.5	84
11AC20MIMO	ANT 2	6.5	84
11AC40	ANT 1	9.5	84
11AC40	ANT 2	9	84
11AC40MIMO	ANT 1	6.5	84
11AC40MIMO	ANT 2	6.5	83
11AC80	ANT 1	9.5	84
11AC80	ANT 2	9	84
11AC80MIMO	ANT 1	6.5	82
11AC80MIMO	ANT 2	6.5	82

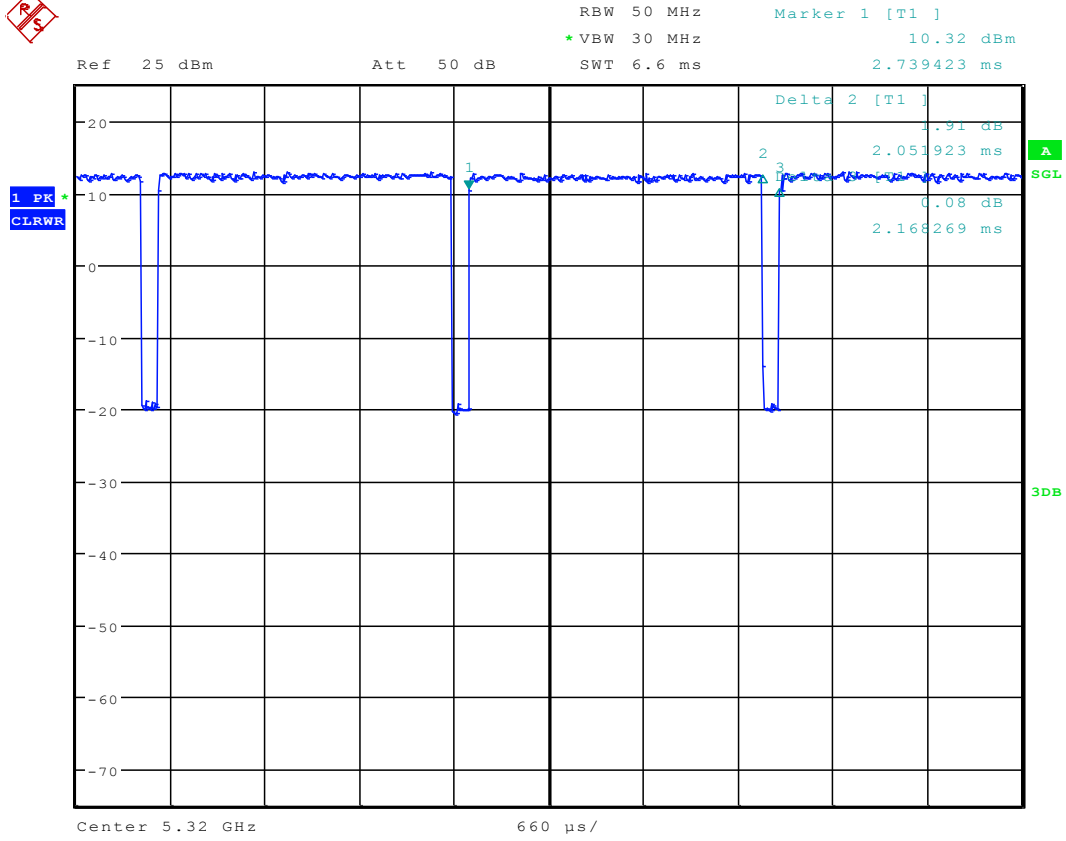
8 Test Plot

8.1 11A20 Ant 1



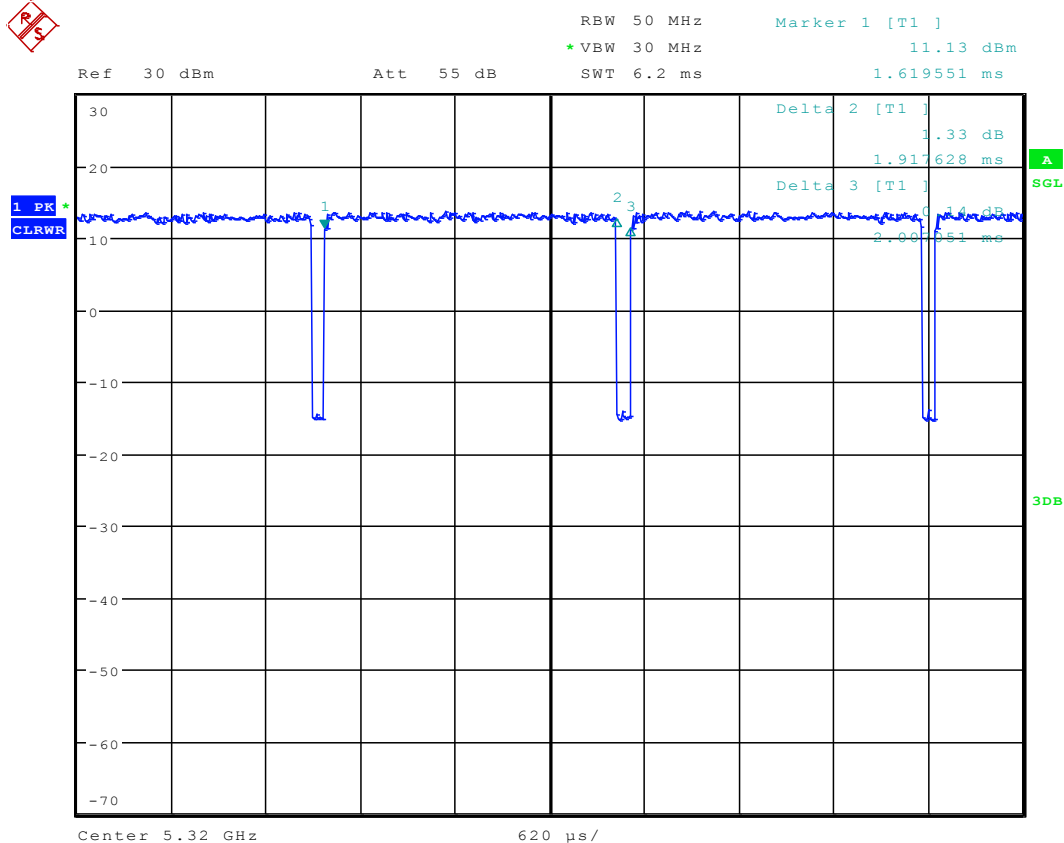
Date: 22.JAN.2018 11:39:07

8.1 11A20 Ant 2



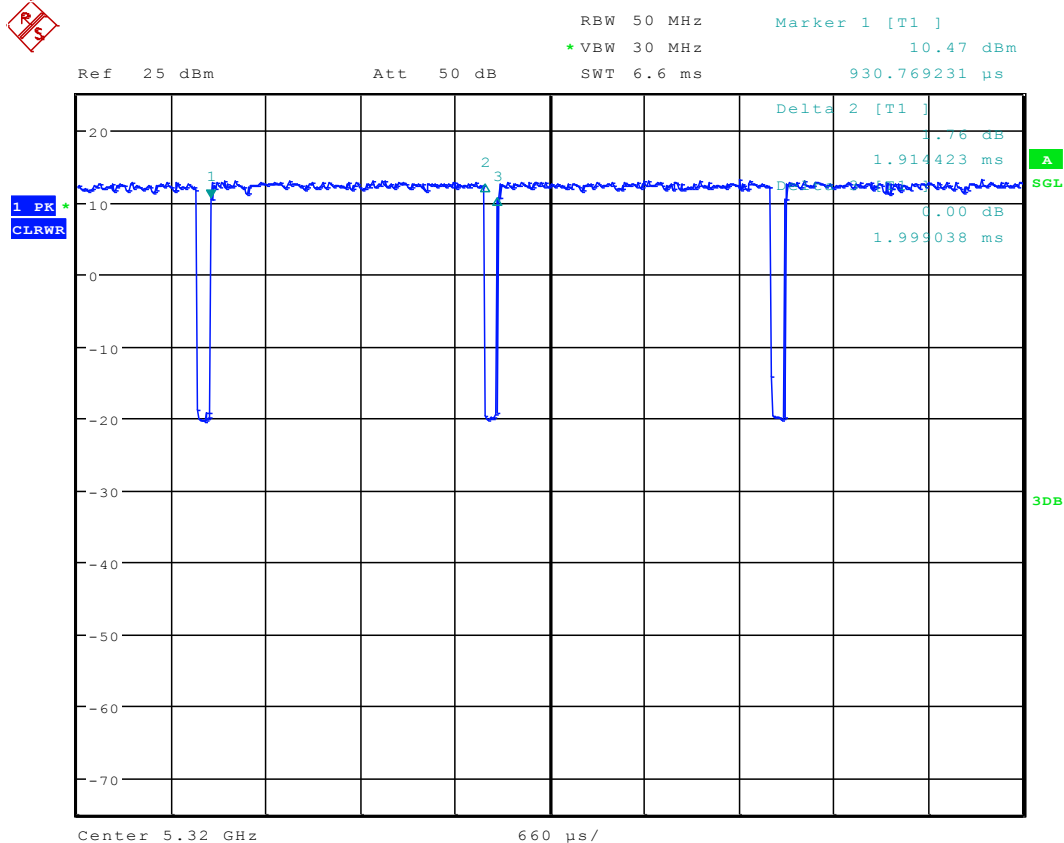
Date: 23.JAN.2018 09:06:30

8.2 11n20 Ant 1



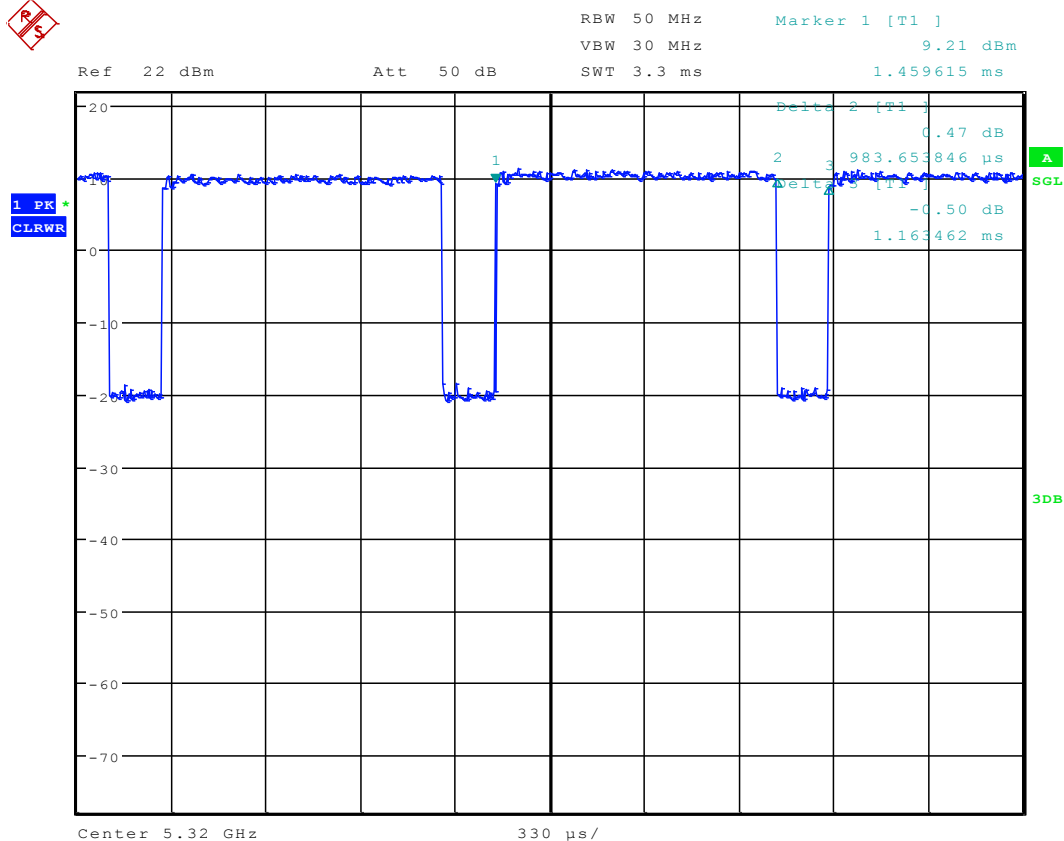
Date: 22.JAN.2018 11:45:24

8.3 11n20 Ant 2



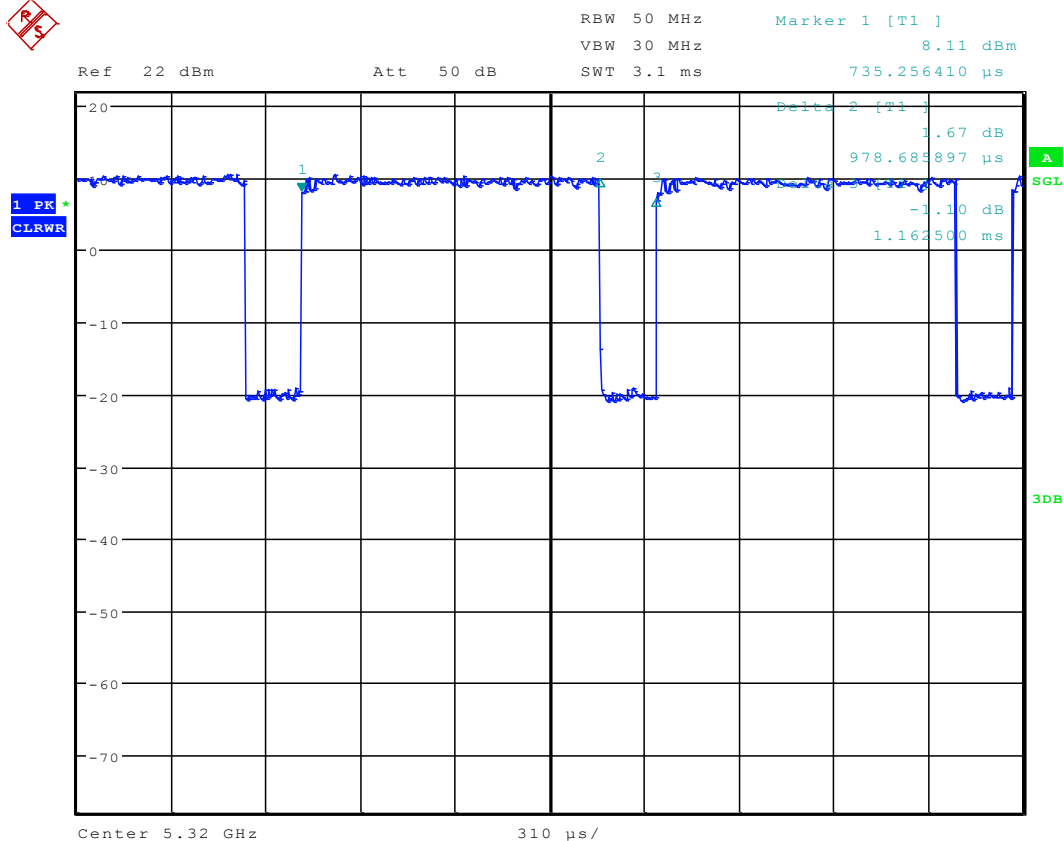
Date: 23.JAN.2018 09:08:53

8.4 11n20MIMO Ant 1



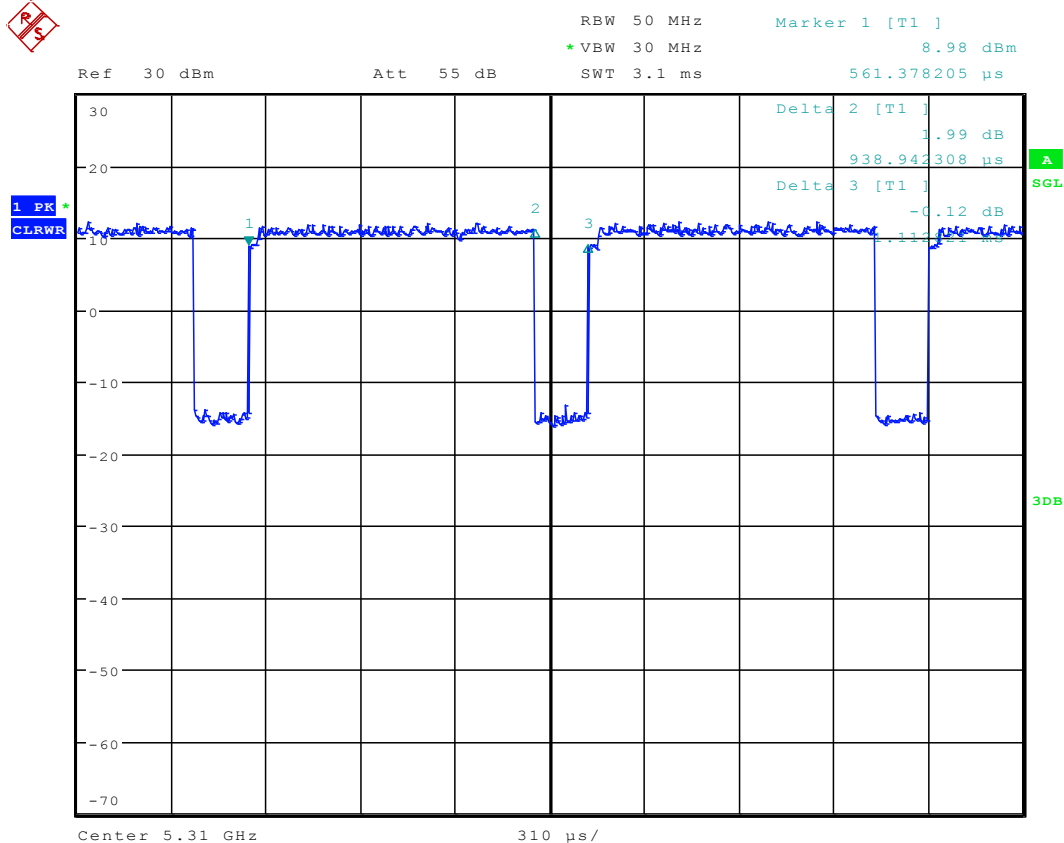
Date: 23.JAN.2018 09:52:36

8.5 11n20MIMO Ant 2



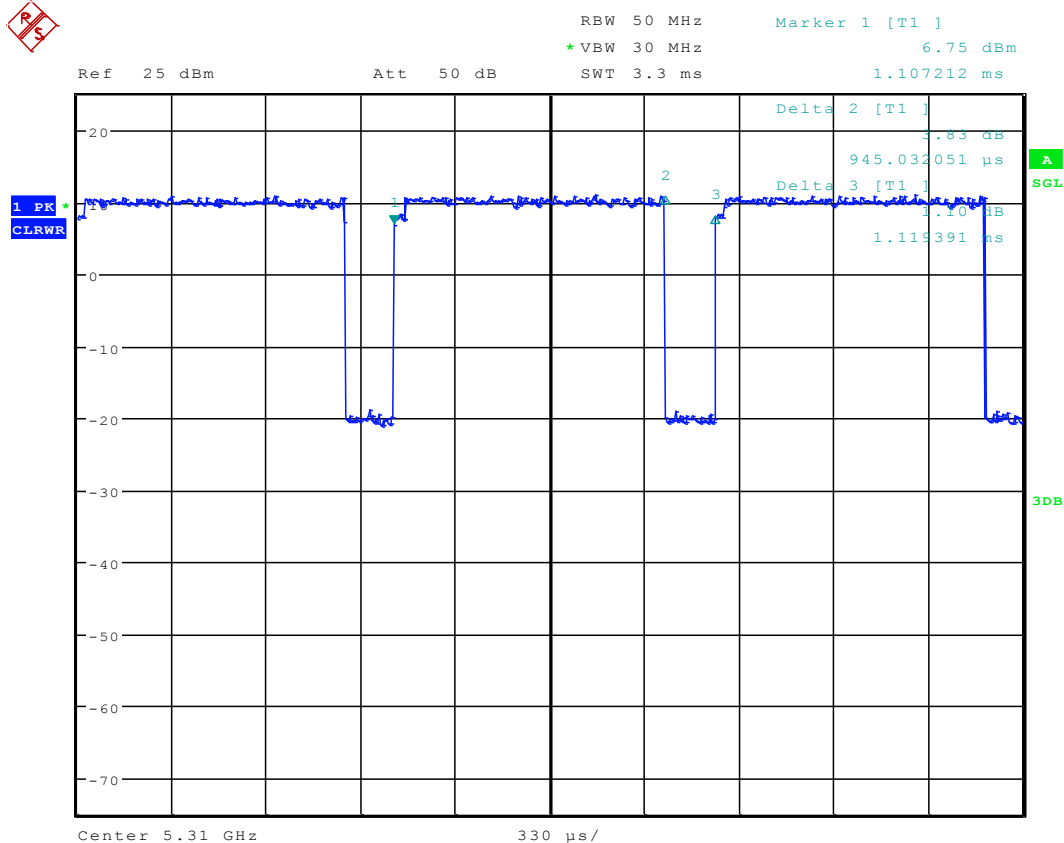
Date: 23.JAN.2018 09:35:48

8.6 11n40 Ant 1



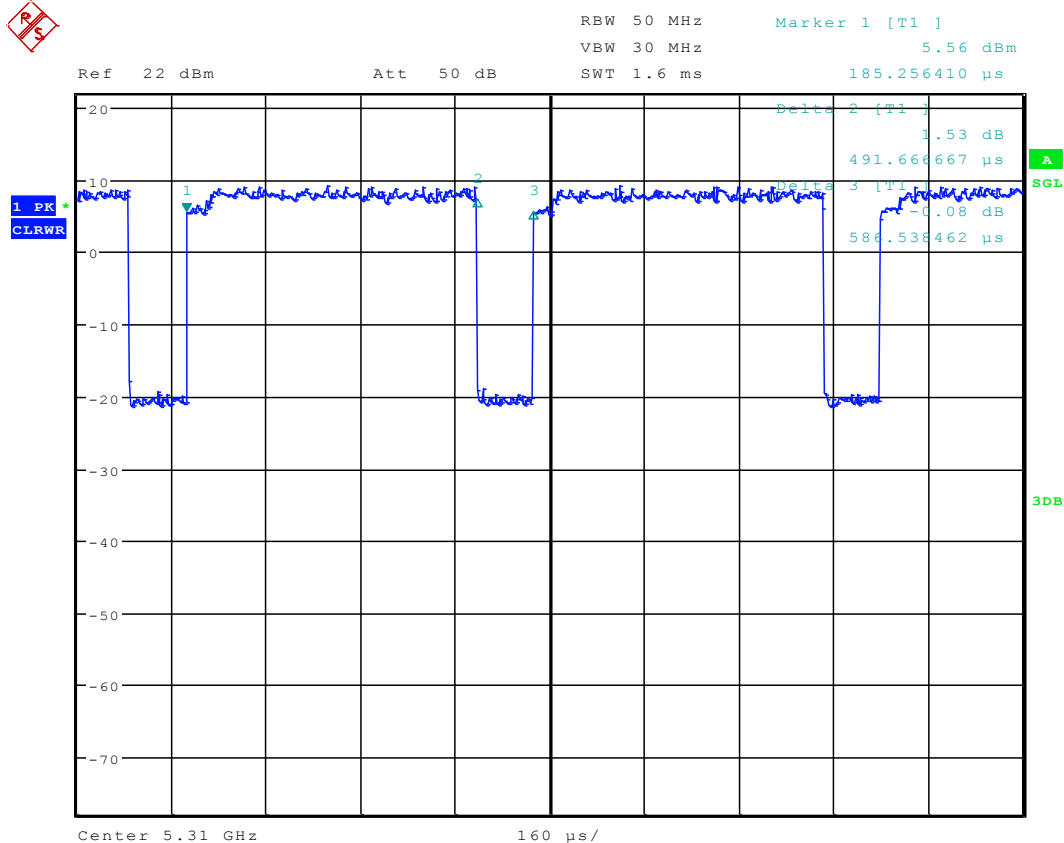
Date: 22.JAN.2018 11:51:58

8.7 11n40 Ant 2



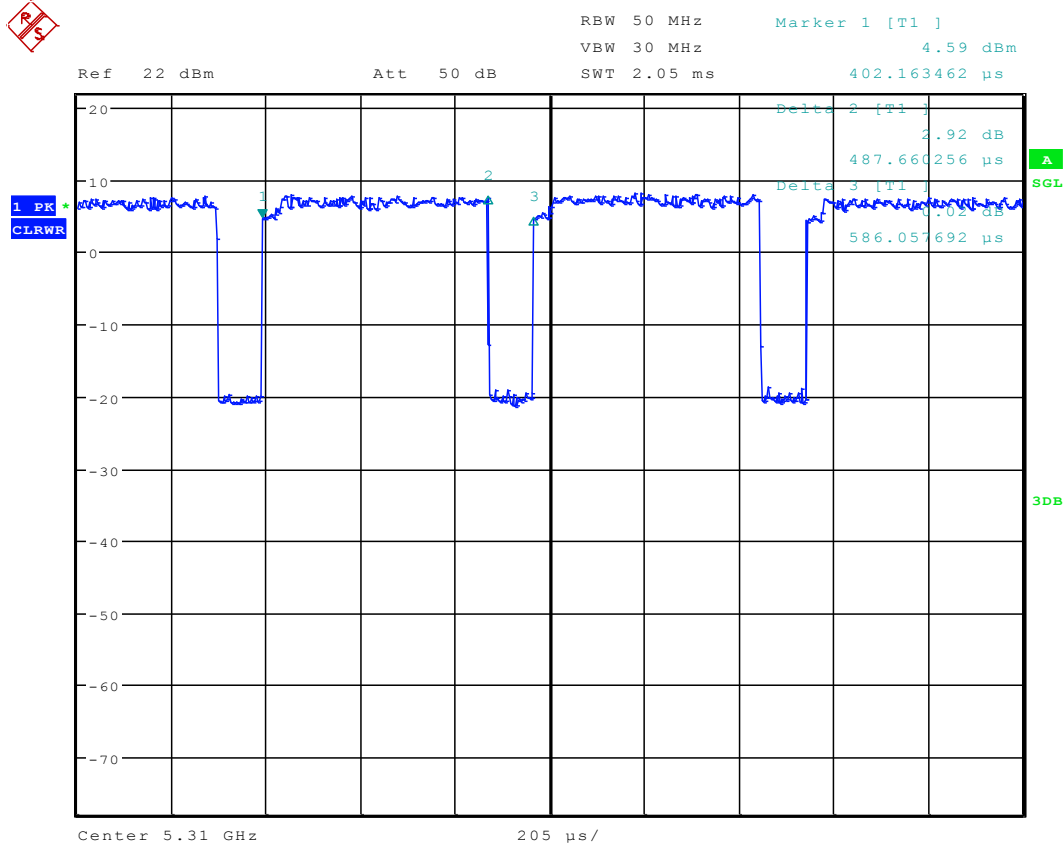
Date: 23.JAN.2018 09:21:26

8.8 11n40MIMO Ant 1



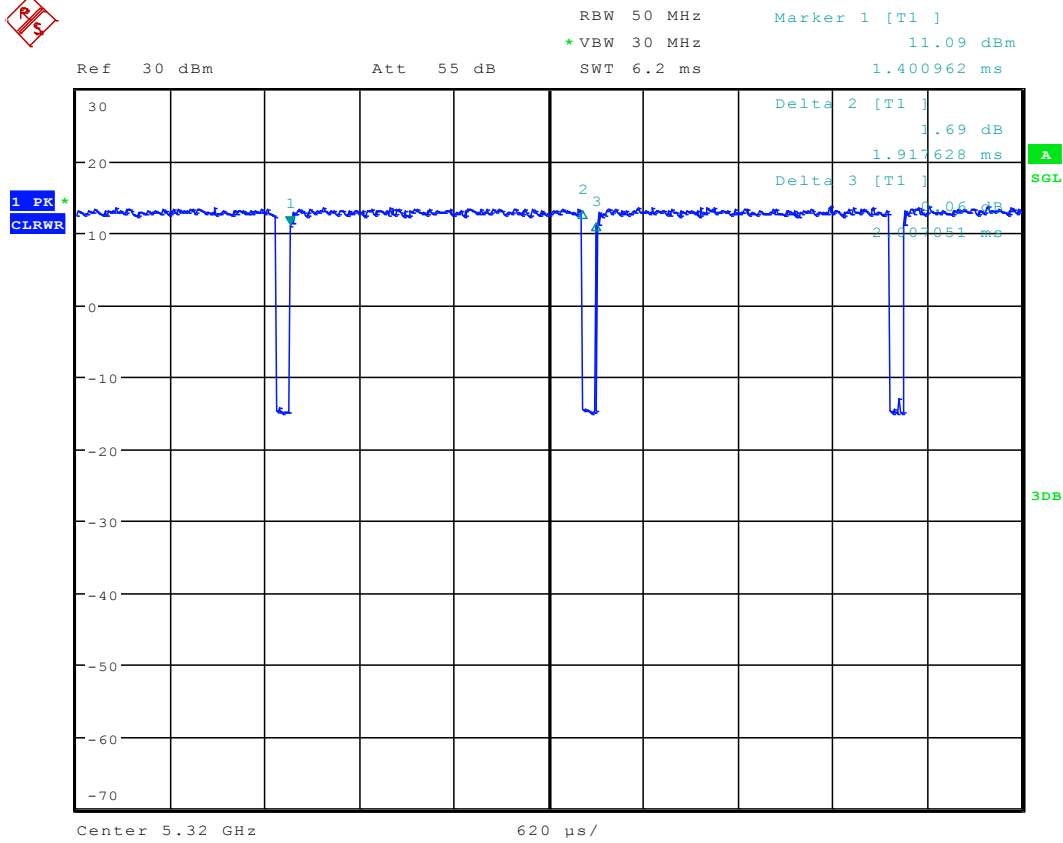
Date: 23.JAN.2018 09:54:59

8.9 11n40MIMO Ant 2



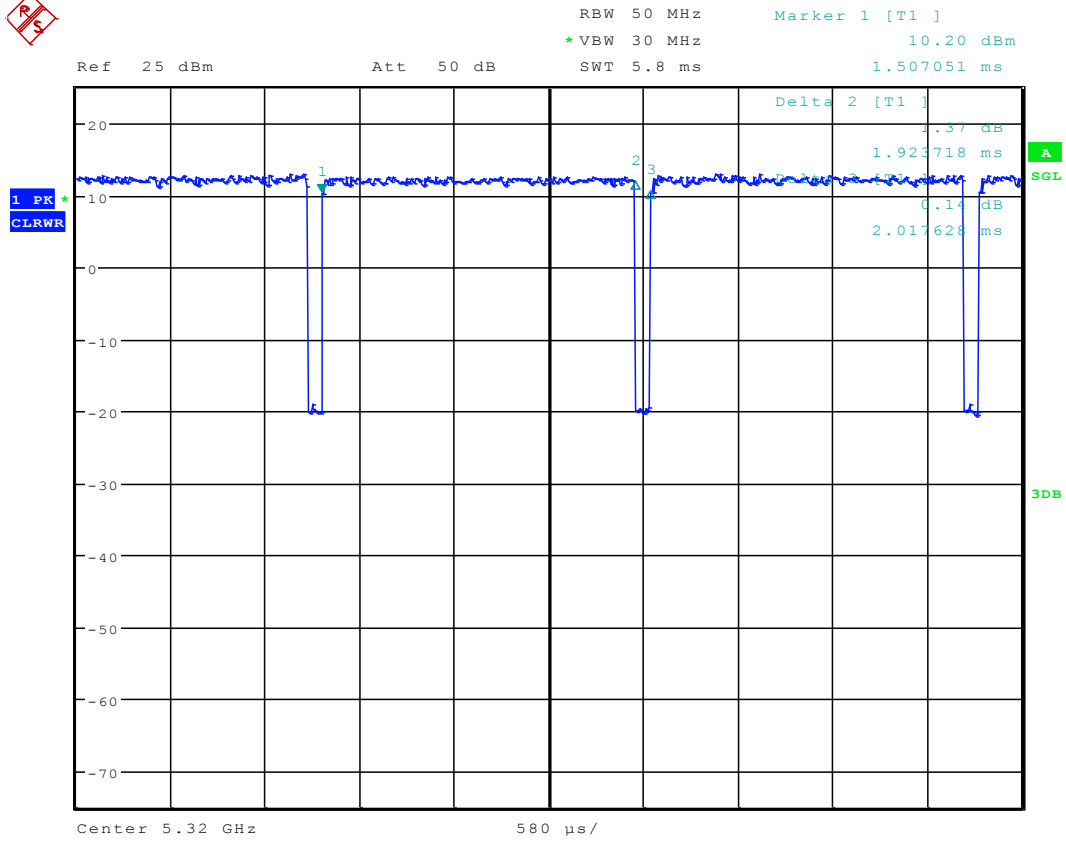
Date: 23.JAN.2018 09:41:47

8.10 11ac20 Ant 1



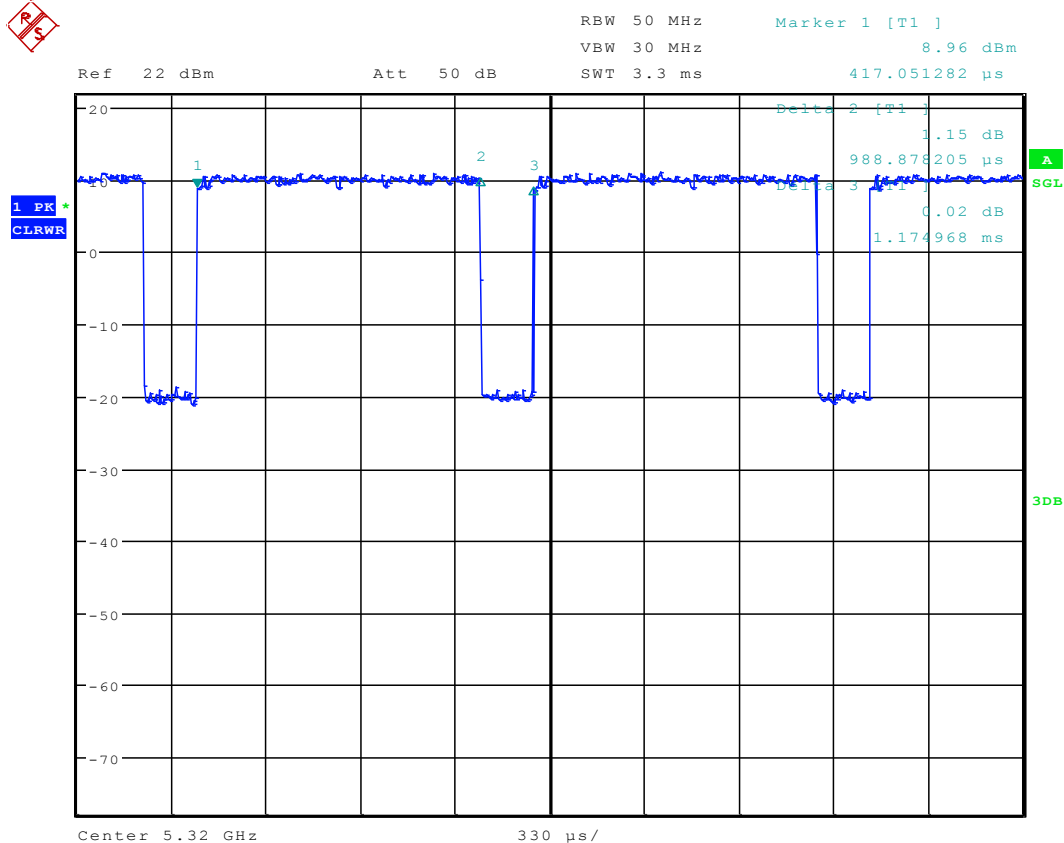
Date: 22.JAN.2018 11:46:22

8.11 1ac20 Ant 2



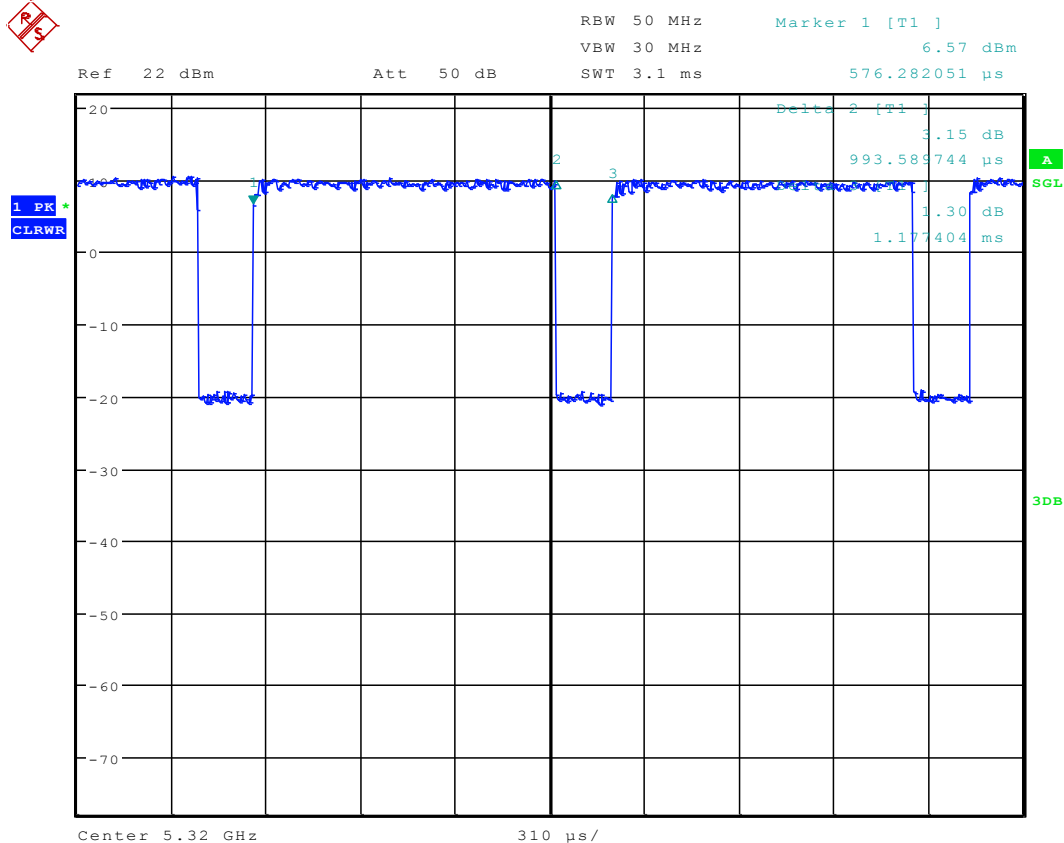
Date: 23.JAN.2018 09:10:58

8.12 11ac20MIMO Ant 1



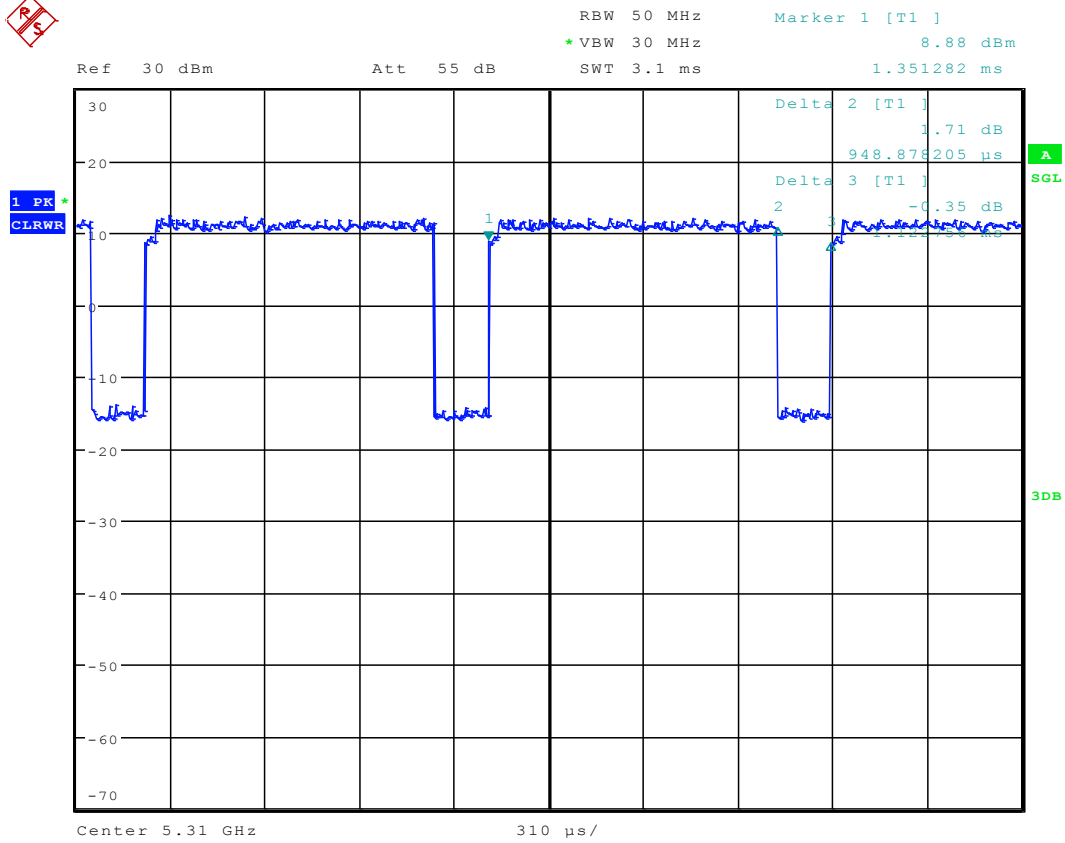
Date: 23.JAN.2018 09:51:29

8.13 11ac20MIMO Ant 2



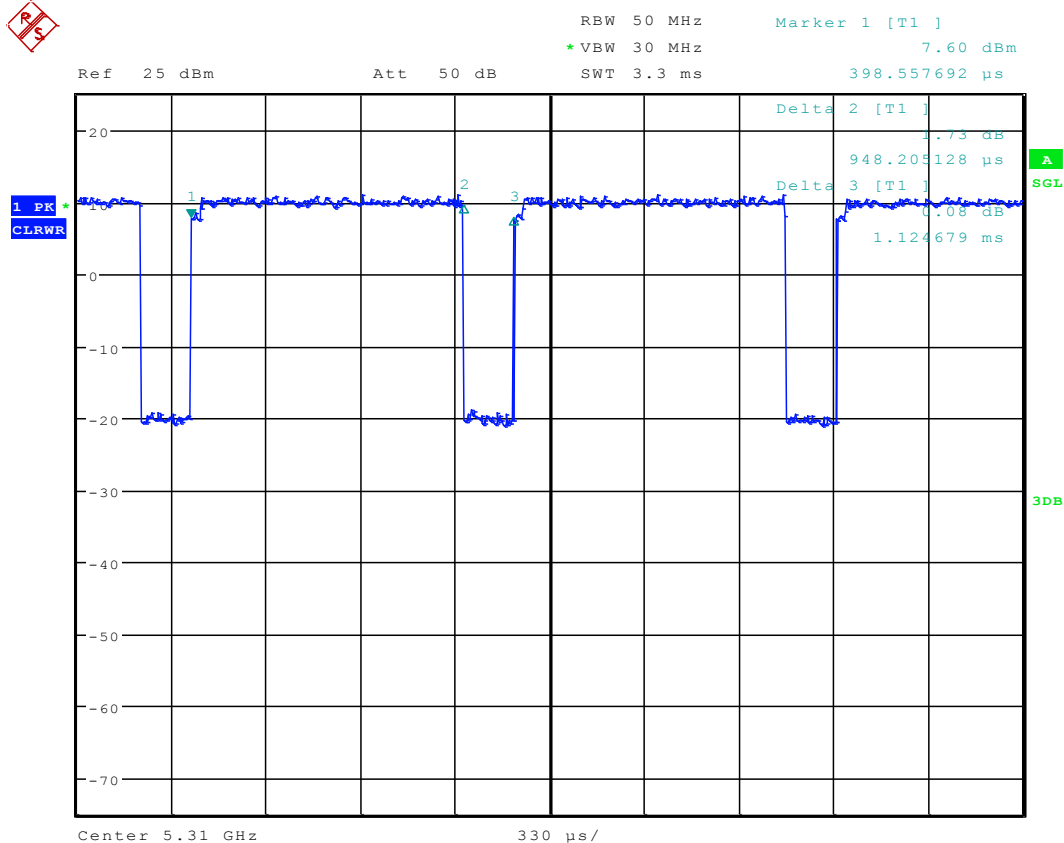
Date: 23.JAN.2018 09:36:51

8.14 11ac40 Ant 1



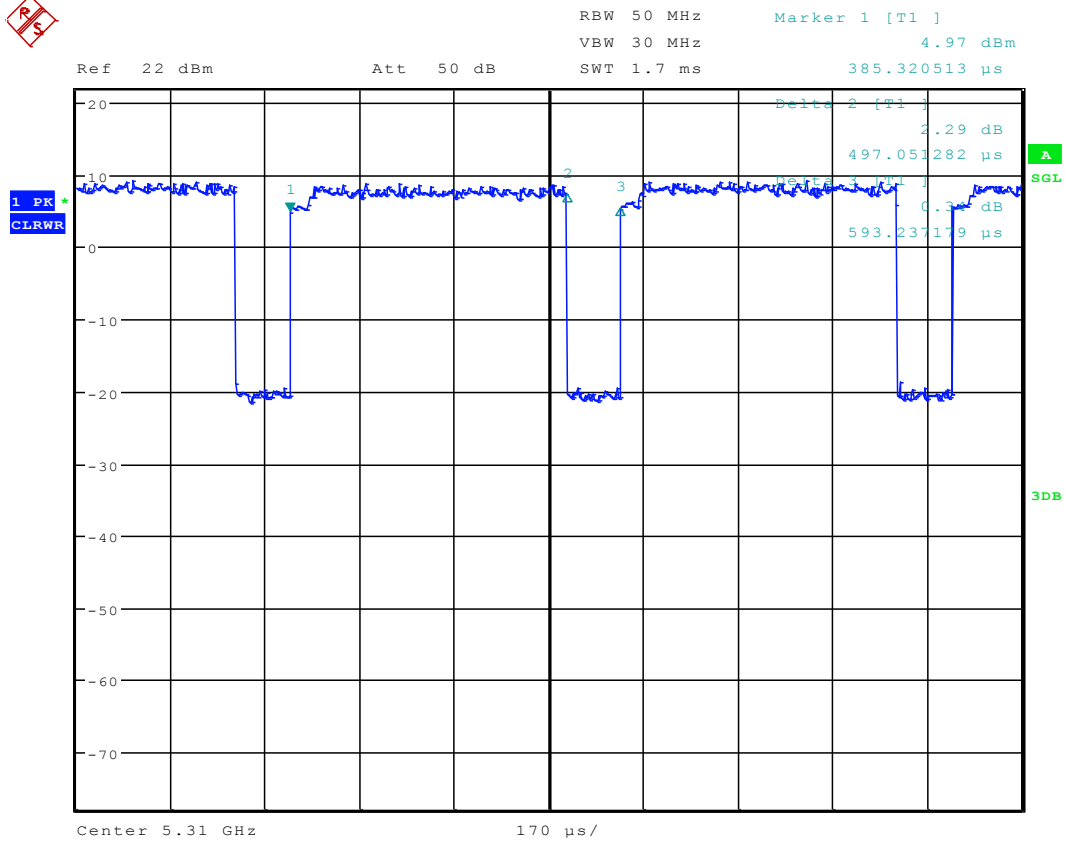
Date: 22.JAN.2018 11:50:09

8.15 11ac40 Ant 2



Date: 23.JAN.2018 09:27:56

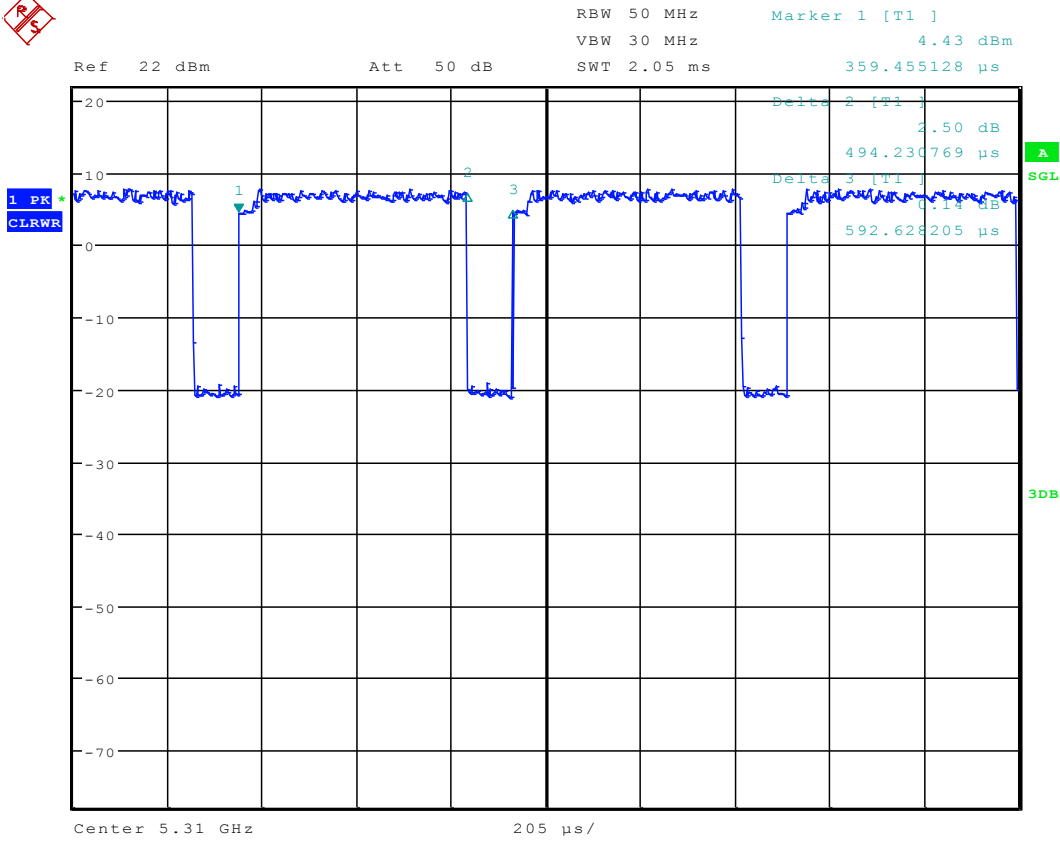
8.16 11ac40MIMO Ant 1



Date: 23.JAN.2018 09:49:42

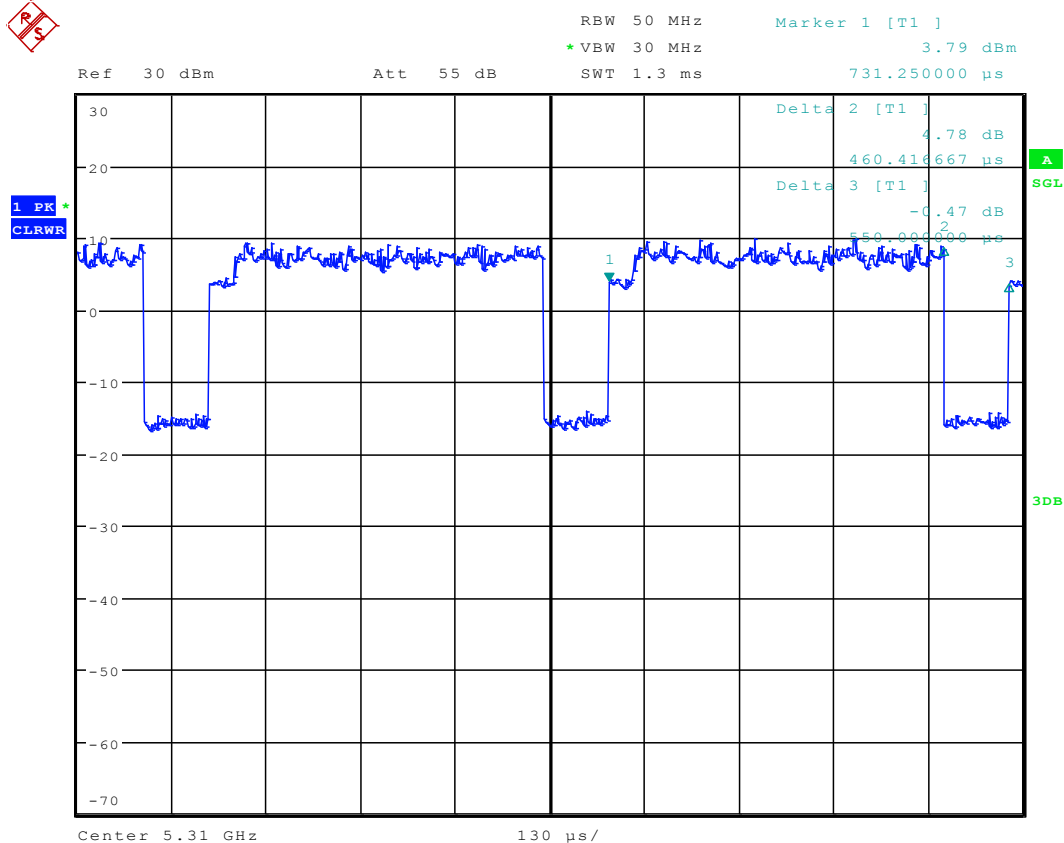


8.17 11ac40MIMO Ant 2



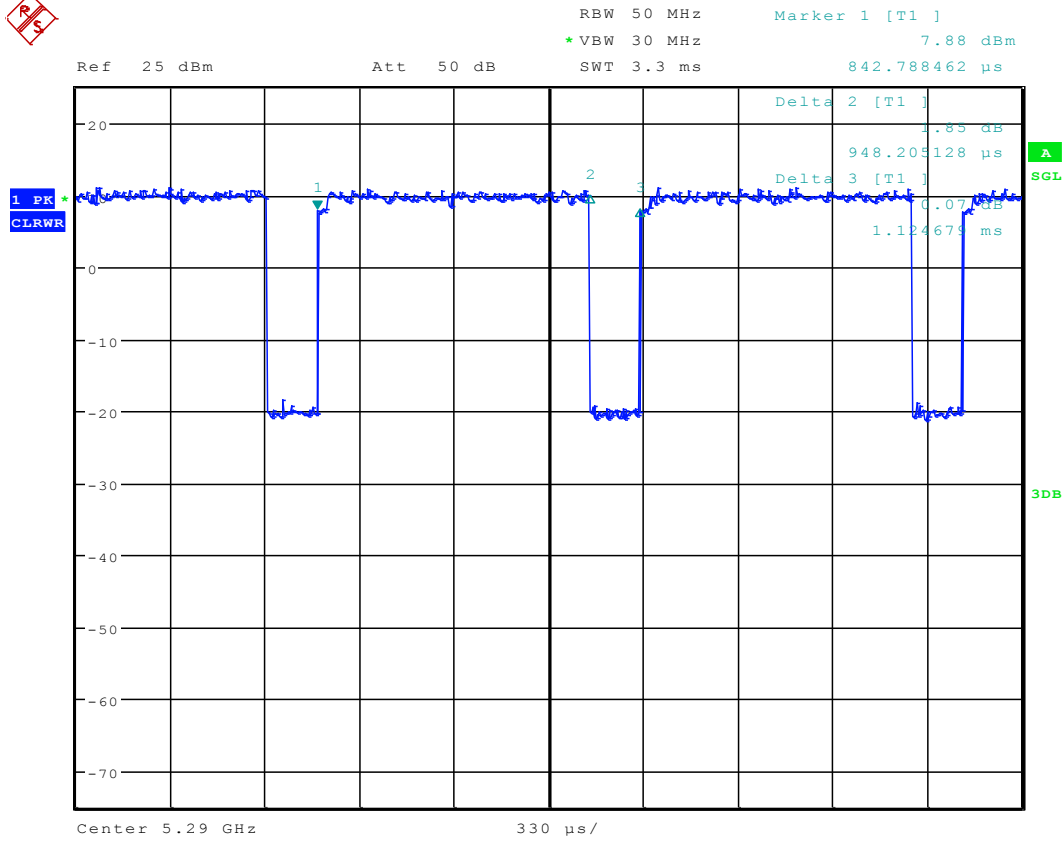
Date: 23.JAN.2018 09:42:36

8.18 11ac80 Ant 1



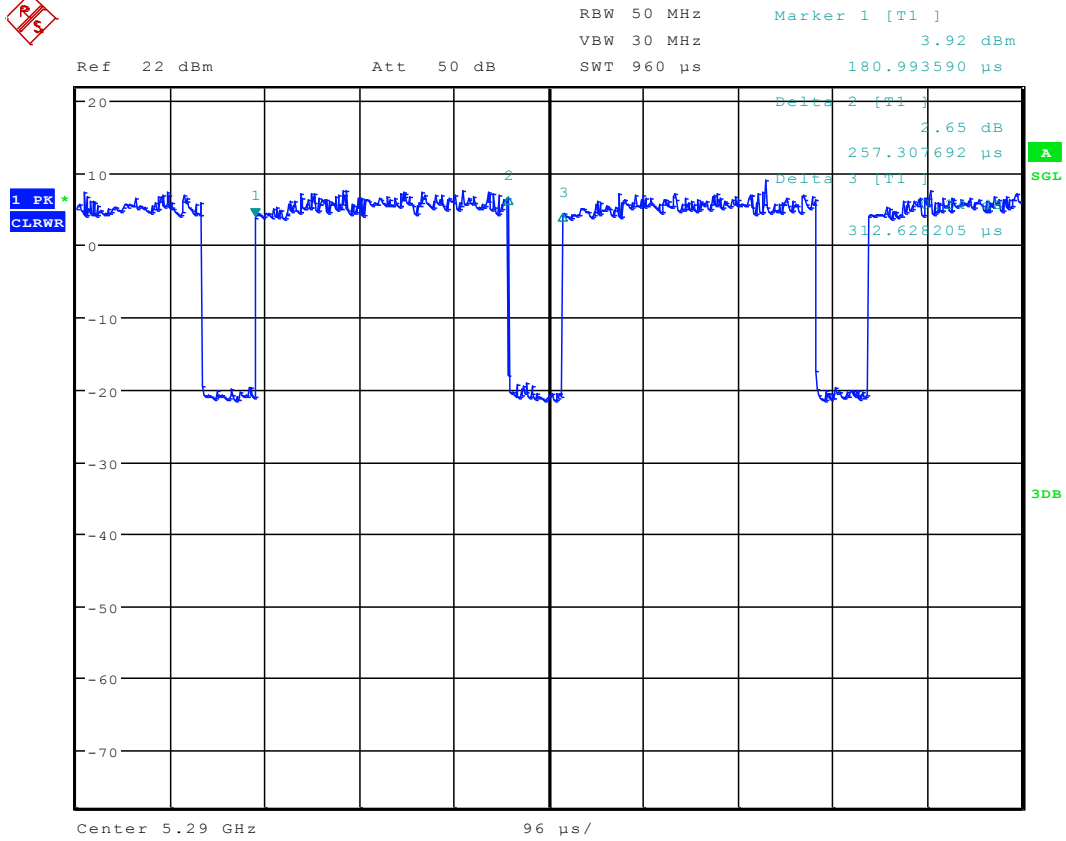
Date: 22.JAN.2018 11:54:58

8.19 11ac80 Ant 2



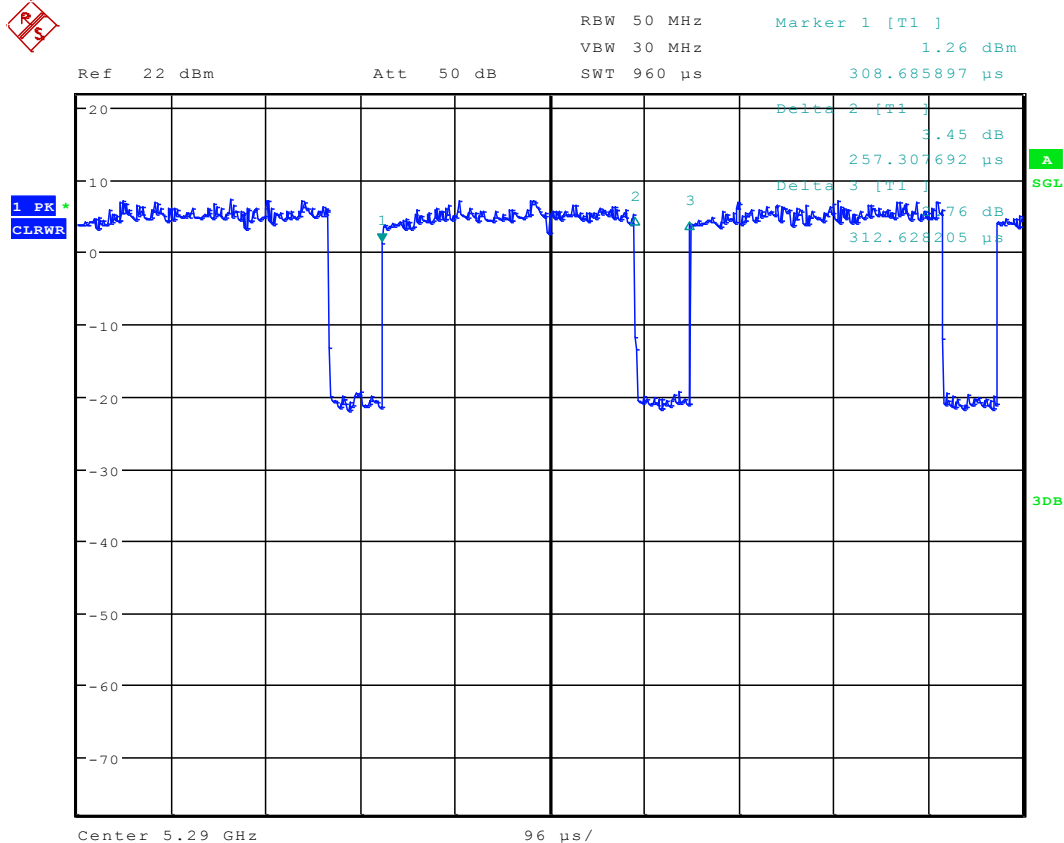
Date: 23.JAN.2018 09:29:23

8.20 11ac80MIMO Ant 1



Date: 23.JAN.2018 09:47:53

8.21 11ac80MIMO Ant 2



Date: 23.JAN.2018 09:45:50



Appendix D: Maximum Conducted Output Power

9 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	EIRP (dBm)	Verdict
11A20	36	5180	ANT 1	9.65	12.15	PASS
	36	5180	ANT 2	9.63	12.13	PASS
	48	5240	ANT 1	9.58	12.08	PASS
	48	5240	ANT 2	9.62	12.12	PASS
	52	5260	ANT 1	9.78	12.28	PASS
	52	5260	ANT 2	9.53	12.03	PASS
	64	5320	ANT 1	9.7	12.2	PASS
	64	5320	ANT 2	9.46	11.96	PASS
	100	5500	ANT 1	10.27	12.77	PASS
	100	5500	ANT 2	10.17	12.67	PASS
	140	5700	ANT 1	9.74	12.24	PASS
	140	5700	ANT 2	9.92	12.42	PASS
	144	5720	ANT 1	9.62	12.12	PASS
	144	5720	ANT 2	9.71	12.21	PASS
	149	5745	ANT 1	9.64	12.14	PASS
	149	5745	ANT 2	9.06	11.56	PASS
	165	5825	ANT 1	9.5	12	PASS
	165	5825	ANT 2	9.3	11.8	PASS
11N20	36	5180	ANT 1	9.54	12.04	PASS
	36	5180	ANT 2	9.51	12.01	PASS
	48	5240	ANT 1	9.41	11.91	PASS
	48	5240	ANT 2	9.53	12.03	PASS
	52	5260	ANT 1	9.57	12.07	PASS
	52	5260	ANT 2	9.46	11.96	PASS
	64	5320	ANT 1	9.5	12	PASS
	64	5320	ANT 2	9.41	11.91	PASS
	100	5500	ANT 1	10.04	12.54	PASS
	100	5500	ANT 2	10.1	12.6	PASS
	140	5700	ANT 1	9.52	12.02	PASS
	140	5700	ANT 2	9.83	12.33	PASS
	144	5720	ANT 1	9.45	11.95	PASS
	144	5720	ANT 2	9.58	12.08	PASS
	149	5745	ANT 1	9.51	12.01	PASS
	149	5745	ANT 2	9.03	11.53	PASS
	165	5825	ANT 1	9.32	11.82	PASS

	165	5825	ANT 2	9.26	11.76	PASS
11N20MIMO	36	5180	ANT 1	7.23	9.73	---
	36	5180	ANT 2	7.29	9.79	---
	36	5180	SUM	10.27	12.77	PASS
	48	5240	ANT 1	7.06	9.56	---
	48	5240	ANT 2	7.34	9.84	---
	48	5240	SUM	10.21	12.71	PASS
	52	5260	ANT 1	7.25	9.75	---
	52	5260	ANT 2	7.22	9.72	---
	52	5260	SUM	10.25	12.75	PASS
	64	5320	ANT 1	7.15	9.65	---
	64	5320	ANT 2	7.27	9.77	---
	64	5320	SUM	10.22	12.72	PASS
	100	5500	ANT 1	7.7	10.2	---
	100	5500	ANT 2	7.97	10.47	---
	100	5500	SUM	10.85	13.35	PASS
	140	5700	ANT 1	7.22	9.72	---
	140	5700	ANT 2	7.72	10.22	---
	140	5700	SUM	10.49	12.99	PASS
	144	5720	ANT 1	7.14	9.64	---
	144	5720	ANT 2	7.43	9.93	---
	144	5720	SUM	10.3	12.8	PASS
	149	5745	ANT 1	7.16	9.66	---
	149	5745	ANT 2	6.81	9.31	---
	149	5745	SUM	10	12.5	PASS
	165	5825	ANT 1	7	9.5	---
	165	5825	ANT 2	7.13	9.63	---
	165	5825	SUM	10.08	12.58	PASS
11N40	38	5190	ANT 1	9.68	12.18	PASS
	38	5190	ANT 2	9.66	12.16	PASS
	46	5230	ANT 1	9.59	12.09	PASS
	46	5230	ANT 2	9.77	12.27	PASS
	54	5270	ANT 1	9.72	12.22	PASS
	54	5270	ANT 2	9.57	12.07	PASS
	62	5310	ANT 1	9.65	12.15	PASS
	62	5310	ANT 2	9.36	11.86	PASS
	102	5510	ANT 1	10.16	12.66	PASS
	102	5510	ANT 2	9.60	12.1	PASS
	134	5670	ANT 1	9.61	12.11	PASS
	134	5670	ANT 2	10.28	12.78	PASS
	142	5710	ANT 1	9.66	12.16	PASS
	142	5710	ANT 2	10.04	12.54	PASS
	151	5755	ANT 1	9.65	12.15	PASS

	151	5755	ANT 2	9.2	11.7	PASS
	159	5795	ANT 1	9.38	11.88	PASS
	159	5795	ANT 2	9.47	11.97	PASS
11N40MIMO	38	5190	ANT 1	7	9.5	---
	38	5190	ANT 2	6.86	9.36	---
	38	5190	SUM	9.94	12.44	PASS
	46	5230	ANT 1	6.85	9.35	---
	46	5230	ANT 2	7.01	9.51	---
	46	5230	SUM	9.94	12.44	PASS
	54	5270	ANT 1	7.09	9.59	---
	54	5270	ANT 2	6.72	9.22	---
	54	5270	SUM	9.92	12.42	PASS
	62	5310	ANT 1	7.08	9.58	---
	62	5310	ANT 2	6.55	9.05	---
	62	5310	SUM	9.83	12.33	PASS
	102	5510	ANT 1	7.47	9.97	---
	102	5510	ANT 2	7.52	10.02	---
	102	5510	SUM	10.51	13.01	PASS
	134	5670	ANT 1	7	9.5	---
	134	5670	ANT 2	7.53	10.03	---
	134	5670	SUM	10.28	12.78	PASS
	142	5710	ANT 1	7.03	9.53	---
	142	5710	ANT 2	7.31	9.81	---
	142	5710	SUM	10.18	12.68	PASS
	151	5755	ANT 1	7.03	9.53	---
	151	5755	ANT 2	6.5	9	---
	151	5755	SUM	9.78	12.28	PASS
	159	5795	ANT 1	6.77	9.27	---
	159	5795	ANT 2	6.77	9.27	---
	159	5795	SUM	9.78	12.28	PASS
11AC20	36	5180	ANT 1	9.52	12.02	PASS
	36	5180	ANT 2	9.47	11.97	PASS
	48	5240	ANT 1	9.37	11.87	PASS
	48	5240	ANT 2	9.61	12.11	PASS
	52	5260	ANT 1	9.61	12.11	PASS
	52	5260	ANT 2	9.43	11.93	PASS
	64	5320	ANT 1	9.52	12.02	PASS
	64	5320	ANT 2	9.37	11.87	PASS
	100	5500	ANT 1	10.06	12.56	PASS
	100	5500	ANT 2	10.07	12.57	PASS
	140	5700	ANT 1	9.52	12.02	PASS
	140	5700	ANT 2	9.83	12.33	PASS
	144	5720	ANT 1	9.43	11.93	PASS

	144	5720	ANT 2	9.58	12.08	PASS
	149	5745	ANT 1	9.51	12.01	PASS
	149	5745	ANT 2	9.56	12.06	PASS
	165	5825	ANT 1	9.32	11.82	PASS
	165	5825	ANT 2	9.17	11.67	PASS
11AC20MIMO	36	5180	ANT 1	7.3	9.8	---
	36	5180	ANT 2	7.27	9.77	---
	36	5180	SUM	10.3	12.8	PASS
	48	5240	ANT 1	7.12	9.62	---
	48	5240	ANT 2	7.41	9.91	---
	48	5240	SUM	10.28	12.78	PASS
	52	5260	ANT 1	7.32	9.82	---
	52	5260	ANT 2	7.26	9.76	---
	52	5260	SUM	10.3	12.8	PASS
	64	5320	ANT 1	7.3	9.8	---
	64	5320	ANT 2	7.32	9.82	---
	64	5320	SUM	10.32	12.82	PASS
	100	5500	ANT 1	7.8	10.3	---
	100	5500	ANT 2	8.01	10.51	---
	100	5500	SUM	10.92	13.42	PASS
	140	5700	ANT 1	7.23	9.73	---
	140	5700	ANT 2	7.72	10.22	---
	140	5700	SUM	10.49	12.99	PASS
	144	5720	ANT 1	7.19	9.69	---
	144	5720	ANT 2	7.45	9.95	---
	144	5720	SUM	10.33	12.83	PASS
	149	5745	ANT 1	7.23	9.73	---
	149	5745	ANT 2	7.29	9.79	---
	149	5745	SUM	10.27	12.77	PASS
	165	5825	ANT 1	7.09	9.59	---
	165	5825	ANT 2	7.14	9.64	---
	165	5825	SUM	10.13	12.63	PASS
11AC40	38	5190	ANT 1	9.78	12.28	PASS
	38	5190	ANT 2	9.81	12.31	PASS
	46	5230	ANT 1	9.68	12.18	PASS
	46	5230	ANT 2	9.89	12.39	PASS
	54	5270	ANT 1	9.8	12.3	PASS
	54	5270	ANT 2	9.68	12.18	PASS
	62	5310	ANT 1	9.73	12.23	PASS
	62	5310	ANT 2	9.54	12.04	PASS
	102	5510	ANT 1	10.27	12.77	PASS
	102	5510	ANT 2	9.67	12.17	PASS
	134	5670	ANT 1	9.68	12.18	PASS

	134	5670	ANT 2	10.33	12.83	PASS
	142	5710	ANT 1	9.76	12.26	PASS
	142	5710	ANT 2	10.14	12.64	PASS
	151	5755	ANT 1	9.77	12.27	PASS
	151	5755	ANT 2	9.13	11.63	PASS
	159	5795	ANT 1	9.47	11.97	PASS
	159	5795	ANT 2	9.6	12.1	PASS
11AC40MIMO	38	5190	ANT 1	6.97	9.47	---
	38	5190	ANT 2	6.92	9.42	---
	38	5190	SUM	9.96	12.46	PASS
	46	5230	ANT 1	6.84	9.34	---
	46	5230	ANT 2	7.06	9.56	---
	46	5230	SUM	9.96	12.46	PASS
	54	5270	ANT 1	7.1	9.6	---
	54	5270	ANT 2	6.8	9.3	---
	54	5270	SUM	9.96	12.46	PASS
	62	5310	ANT 1	7.09	9.59	---
	62	5310	ANT 2	6.69	9.19	---
	62	5310	SUM	9.9	12.4	PASS
	102	5510	ANT 1	7.51	10.01	---
	102	5510	ANT 2	7.59	10.09	---
	102	5510	SUM	10.56	13.06	PASS
	134	5670	ANT 1	6.91	9.41	---
	134	5670	ANT 2	7.52	10.02	---
	134	5670	SUM	10.24	12.74	PASS
	142	5710	ANT 1	6.97	9.47	---
	142	5710	ANT 2	7.31	9.81	---
	142	5710	SUM	10.15	12.65	PASS
	151	5755	ANT 1	6.92	9.42	---
	151	5755	ANT 2	6.92	9.42	---
	151	5755	SUM	9.93	12.43	PASS
	159	5795	ANT 1	6.75	9.25	---
	159	5795	ANT 2	6.74	9.24	---
	159	5795	SUM	9.76	12.26	PASS
11AC80	42	5210	ANT 1	9.58	12.08	PASS
	42	5210	ANT 2	9.57	12.07	PASS
	58	5290	ANT 1	9.59	12.09	PASS
	58	5290	ANT 2	9.44	11.94	PASS
	106	5530	ANT 1	9.95	12.45	PASS
	106	5530	ANT 2	17.86	20.36	PASS
	138	5690	ANT 1	9.69	12.19	PASS
	138	5690	ANT 2	10.08	12.58	PASS
	155	5775	ANT 1	9.49	11.99	PASS

	155	5775	ANT 2	9.43	11.93	PASS
11AC80MIMO	42	5210	ANT 1	6.63	9.13	---
	42	5210	ANT 2	6.86	9.36	---
	42	5210	SUM	9.76	12.26	PASS
	58	5290	ANT 1	6.79	9.29	---
	58	5290	ANT 2	6.65	9.15	---
	58	5290	SUM	9.73	12.23	PASS
	106	5530	ANT 1	7.14	9.64	---
	106	5530	ANT 2	7.28	9.78	---
	106	5530	SUM	10.22	12.72	PASS
	138	5690	ANT 1	6.97	9.47	---
	138	5690	ANT 2	7.34	9.84	---
	138	5690	SUM	10.17	12.67	PASS
	155	5775	ANT 1	6.65	9.15	---
	155	5775	ANT 2	6.64	9.14	---
	155	5775	SUM	9.66	12.16	PASS



Appendix E: Peak Power Spectral Density Level

10 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	EIRP (dBm)	Verdict
11A20	36	5180	ANT 1	0.37	2.87	PASS
	36	5180	ANT 2	0.45	2.95	PASS
	48	5240	ANT 1	0.54	3.04	PASS
	48	5240	ANT 2	0.33	2.83	PASS
	52	5260	ANT 1	0.53	3.03	PASS
	52	5260	ANT 2	0.38	2.88	PASS
	64	5320	ANT 1	0.48	2.98	PASS
	64	5320	ANT 2	0.3	2.8	PASS
	100	5500	ANT 1	0.89	3.39	PASS
	100	5500	ANT 2	0.9	3.4	PASS
	140	5700	ANT 1	0.33	2.83	PASS
	140	5700	ANT 2	0.65	3.15	PASS
	144	5720	ANT 1	0.33	2.83	PASS
	144	5720	ANT 2	0.4	2.9	PASS
	149	5745	ANT 1	-1.93	0.57	PASS
	149	5745	ANT 2	7.12	9.62	PASS
	165	5825	ANT 1	-2.16	0.34	PASS
	165	5825	ANT 2	-2.04	0.46	PASS
11N20	36	5180	ANT 1	0.16	2.66	PASS
	36	5180	ANT 2	0.1	2.6	PASS
	48	5240	ANT 1	-0.12	2.38	PASS
	48	5240	ANT 2	0.14	2.64	PASS
	52	5260	ANT 1	0.14	2.64	PASS
	52	5260	ANT 2	0.22	2.72	PASS
	64	5320	ANT 1	-0.02	2.48	PASS
	64	5320	ANT 2	-0.17	2.33	PASS
	100	5500	ANT 1	0.43	2.93	PASS
	100	5500	ANT 2	0.71	3.21	PASS
	140	5700	ANT 1	0.01	2.51	PASS
	140	5700	ANT 2	0.43	2.93	PASS
	144	5720	ANT 1	-0.06	2.44	PASS
	144	5720	ANT 2	0.15	2.65	PASS
	149	5745	ANT 1	-1.64	0.86	PASS
	149	5745	ANT 2	7.05	9.55	PASS

	165	5825	ANT 1	-2.02	0.48	PASS
	165	5825	ANT 2	-1.96	0.54	PASS
11N20MIMO	36	5180	ANT 1	-1.1	1.4	PASS
	36	5180	ANT 2	-0.96	1.54	PASS
	36	5180	SUM	1.98	4.48	PASS
	48	5240	ANT 1	-1.39	1.11	---
	48	5240	ANT 2	-1.09	1.41	---
	48	5240	SUM	1.77	4.27	PASS
	52	5260	ANT 1	-1.18	1.32	---
	52	5260	ANT 2	-1.1	1.4	---
	52	5260	SUM	1.87	4.37	PASS
	64	5320	ANT 1	-1.36	1.14	---
	64	5320	ANT 2	-1.2	1.3	---
	64	5320	SUM	1.73	4.23	PASS
	100	5500	ANT 1	-0.87	1.63	---
	100	5500	ANT 2	-0.37	2.13	---
	100	5500	SUM	2.4	4.9	PASS
	140	5700	ANT 1	-1.28	1.22	---
	140	5700	ANT 2	-0.63	1.87	---
	140	5700	SUM	2.07	4.57	PASS
	144	5720	ANT 1	-1.48	1.02	---
	144	5720	ANT 2	-0.64	1.86	---
	144	5720	SUM	1.97	4.47	PASS
	149	5745	ANT 1	-3.15	-0.65	---
	149	5745	ANT 2	7.44	9.94	---
	149	5745	SUM	7.8	10.3	PASS
	165	5825	ANT 1	-3.19	-0.69	---
	165	5825	ANT 2	-3.13	-0.63	---
	165	5825	SUM	-0.15	2.35	PASS
11N40	38	5190	ANT 1	-2.2	0.3	PASS
	38	5190	ANT 2	-2.22	0.28	PASS
	46	5230	ANT 1	-2.14	0.36	PASS
	46	5230	ANT 2	-2.17	0.33	PASS
	54	5270	ANT 1	-2	0.5	PASS
	54	5270	ANT 2	-2.26	0.24	PASS
	62	5310	ANT 1	-2.25	0.25	PASS
	62	5310	ANT 2	-2.49	0.01	PASS
	102	5510	ANT 1	-1.65	0.85	PASS
	102	5510	ANT 2	6.02	8.52	PASS
	134	5670	ANT 1	-2.54	-0.04	PASS
	134	5670	ANT 2	-1.73	0.77	PASS