

Appendix U-III A: Emission Bandwidth & Occupied bandwidth

1 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	26dB Emission Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	21.68	pass
11A	48	5240	Ant 1	21.66	pass
11A	52	5260	Ant 1	21.6	pass
11A	64	5320	Ant 1	21.66	pass
11A	100	5500	Ant 1	21.64	pass
11A	140	5700	Ant 1	21.82	pass
11A	149	5745	Ant 1	16.36	pass
11A	165	5825	Ant 1	16.36	pass
11N20	36	5180	Ant 1	21.88	pass
11N20	48	5240	Ant 1	22.02	pass
11N20	52	5260	Ant 1	22.04	pass
11N20	64	5320	Ant 1	22.04	pass
11N20	100	5500	Ant 1	22.1	pass
11N20	140	5700	Ant 1	21.98	pass
11N20	149	5745	Ant 1	17.6	pass
11N20	165	5825	Ant 1	17.58	pass
11N40	38	5190	Ant 1	40.44	pass
11N40	46	5230	Ant 1	40.5	pass
11N40	54	5270	Ant 1	40.4	pass
11N40	62	5310	Ant 1	40.58	pass
11N40	102	5510	Ant 1	40.44	pass
11N40	134	5670	Ant 1	40.66	pass
11N40	151	5755	Ant 1	36.32	pass
11N40	159	5795	Ant 1	36.32	pass
11AC20	36	5180	Ant 1	22.12	pass
11AC20	48	5240	Ant 1	21.98	pass
11AC20	52	5260	Ant 1	21.88	pass
11AC20	64	5320	Ant 1	22.08	pass
11AC20	100	5500	Ant 1	22	pass
11AC20	140	5700	Ant 1	21.88	pass
11AC20	149	5745	Ant 1	17.6	pass
11AC20	165	5825	Ant 1	17.6	pass
11AC40	38	5190	Ant 1	40.48	pass
11AC40	46	5230	Ant 1	40.34	pass

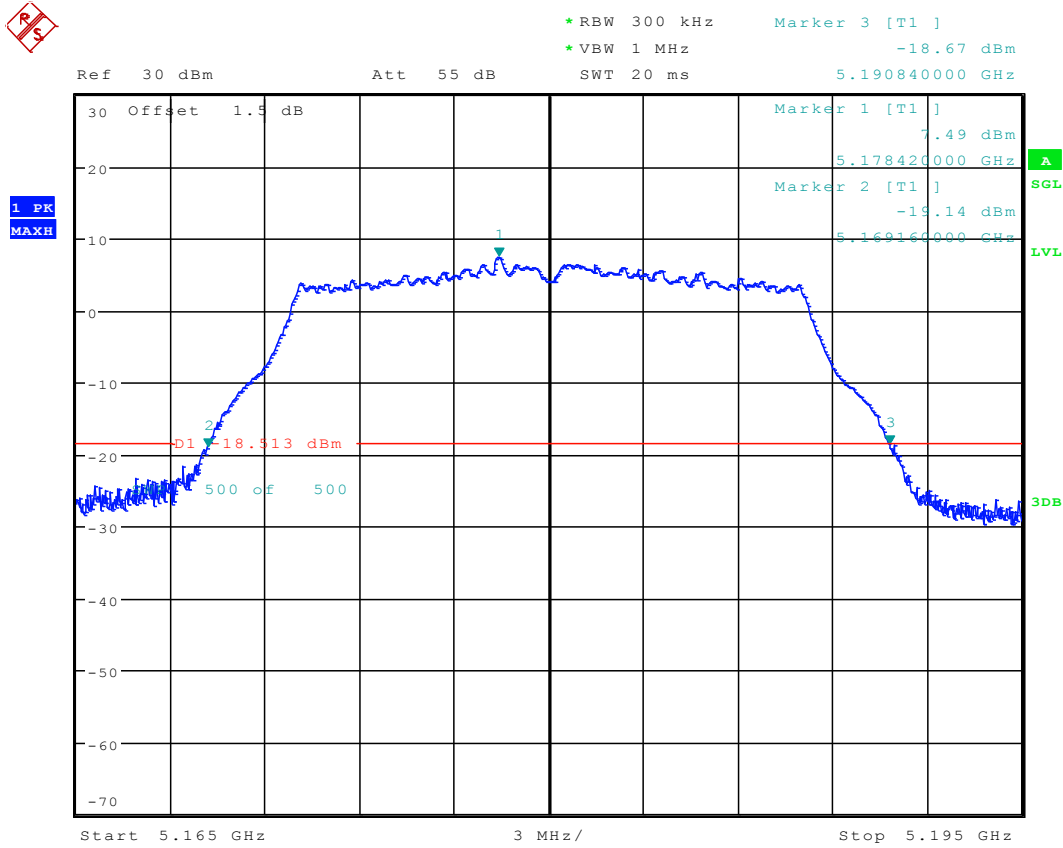
11AC40	54	5270	Ant 1	40.56	pass
11AC40	62	5310	Ant 1	40.62	pass
11AC40	102	5510	Ant 1	40.48	pass
11AC40	134	5670	Ant 1	40.76	pass
11AC40	151	5755	Ant 1	36.32	pass
11AC40	159	5795	Ant 1	36.32	pass
11AC80	42	5210	Ant 1	82.93	pass
11AC80	58	5290	Ant 1	84.8	pass
11AC80	106	5530	Ant 1	87.04	pass
11AC80	155	5775	Ant 1	75.36	pass

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Occupied Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	17.16	pass
11A	48	5240	Ant 1	17.14	pass
11A	52	5260	Ant 1	17.14	pass
11A	64	5320	Ant 1	17.16	pass
11A	100	5500	Ant 1	17.18	pass
11A	140	5700	Ant 1	17.18	pass
11A	149	5745	Ant 1	17.24	pass
11A	165	5825	Ant 1	17.24	pass
11N20	36	5180	Ant 1	18.24	pass
11N20	48	5240	Ant 1	18.2	pass
11N20	52	5260	Ant 1	18.24	pass
11N20	64	5320	Ant 1	18.2	pass
11N20	100	5500	Ant 1	18.2	pass
11N20	140	5700	Ant 1	18.22	pass
11N20	149	5745	Ant 1	18.22	pass
11N20	165	5825	Ant 1	18.24	pass
11N40	38	5190	Ant 1	36.4	pass
11N40	46	5230	Ant 1	36.4	pass
11N40	54	5270	Ant 1	36.4	pass
11N40	62	5310	Ant 1	36.4	pass
11N40	102	5510	Ant 1	36.42	pass
11N40	134	5670	Ant 1	36.4	pass
11N40	151	5755	Ant 1	36.42	pass
11N40	159	5795	Ant 1	36.44	pass
11AC20	36	5180	Ant 1	18.18	pass
11AC20	48	5240	Ant 1	18.18	pass

11AC20	52	5260	Ant 1	18.18	pass
11AC20	64	5320	Ant 1	18.2	pass
11AC20	100	5500	Ant 1	18.2	pass
11AC20	140	5700	Ant 1	18.2	pass
11AC20	149	5745	Ant 1	18.26	pass
11AC20	165	5825	Ant 1	18.22	pass
11AC40	38	5190	Ant 1	36.36	pass
11AC40	46	5230	Ant 1	36.38	pass
11AC40	54	5270	Ant 1	36.42	pass
11AC40	62	5310	Ant 1	36.38	pass
11AC40	102	5510	Ant 1	36.38	pass
11AC40	134	5670	Ant 1	36.4	pass
11AC40	151	5755	Ant 1	36.42	pass
11AC40	159	5795	Ant 1	36.4	pass
11AC80	42	5210	Ant 1	75.6	pass
11AC80	58	5290	Ant 1	75.68	pass
11AC80	106	5530	Ant 1	75.64	pass
11AC80	155	5775	Ant 1	75.68	pass

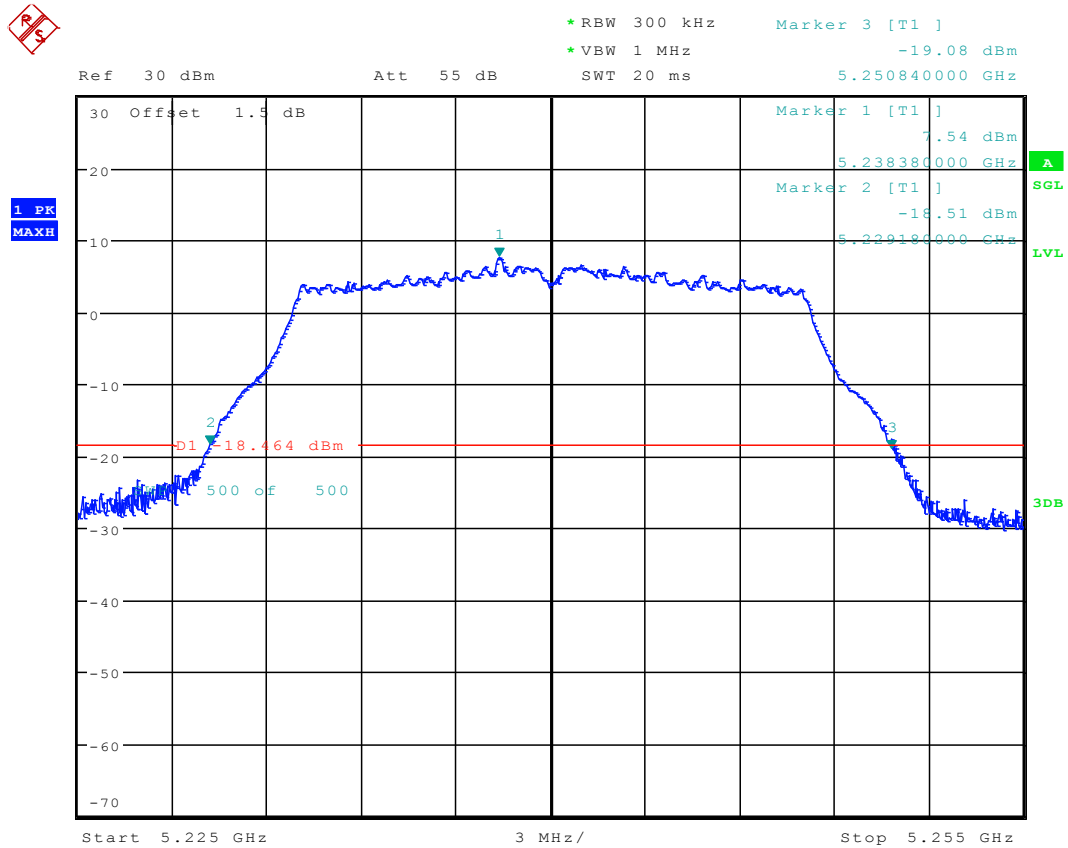
2 Test Plot for 26dBEmission Bandwidth

2.1 11A_36 Ant 1



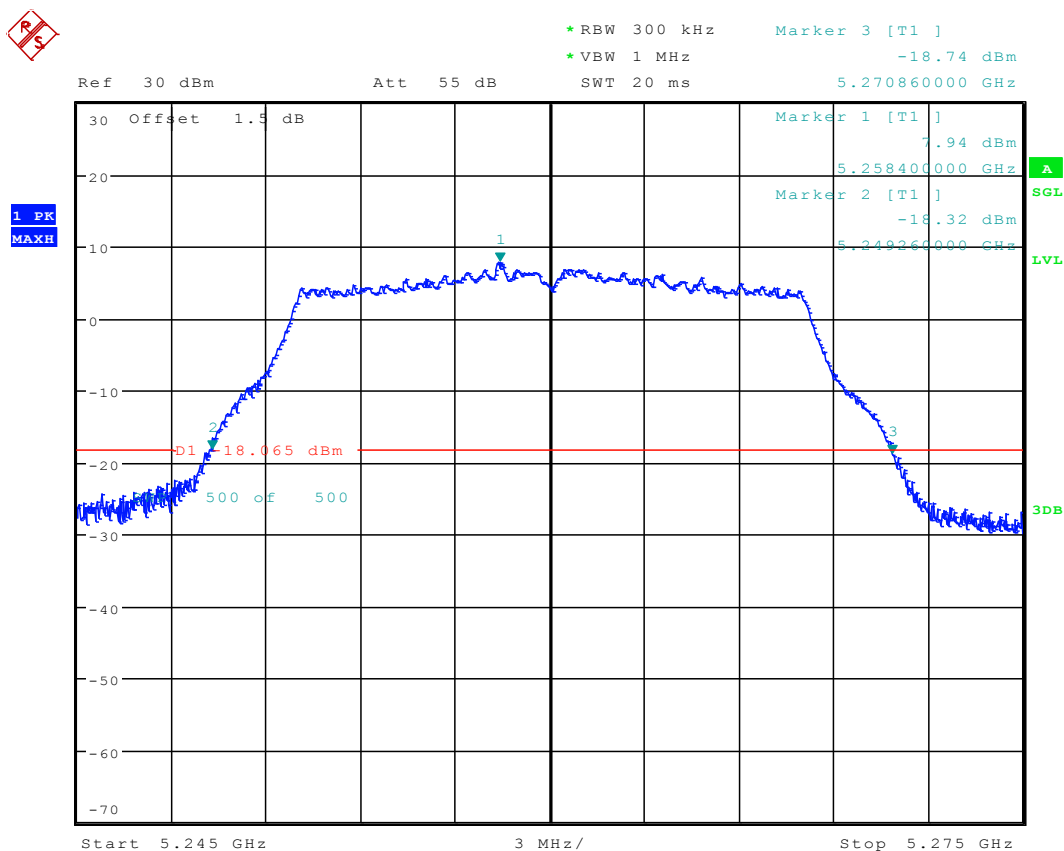
Date: 26.NOV.2015 17:59:58

2.2 11A_48 Ant 1



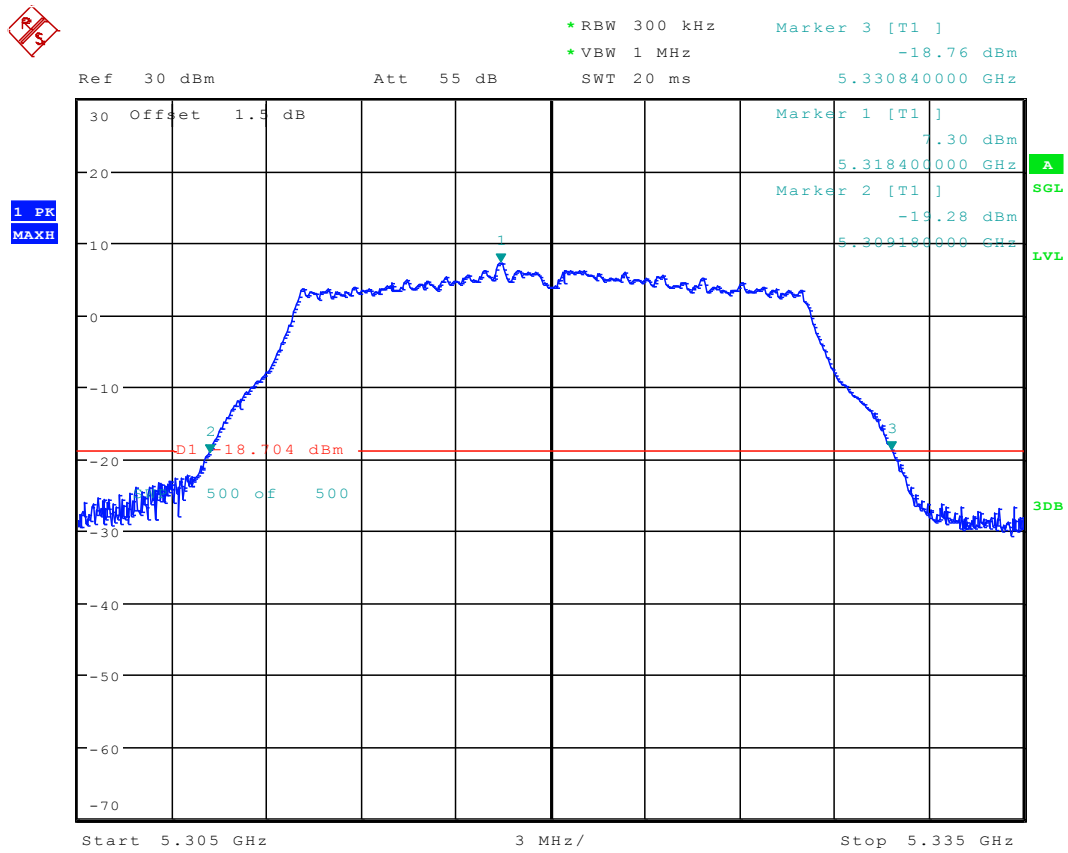
Date: 26.NOV.2015 18:04:40

2.3 11A_52 Ant 1



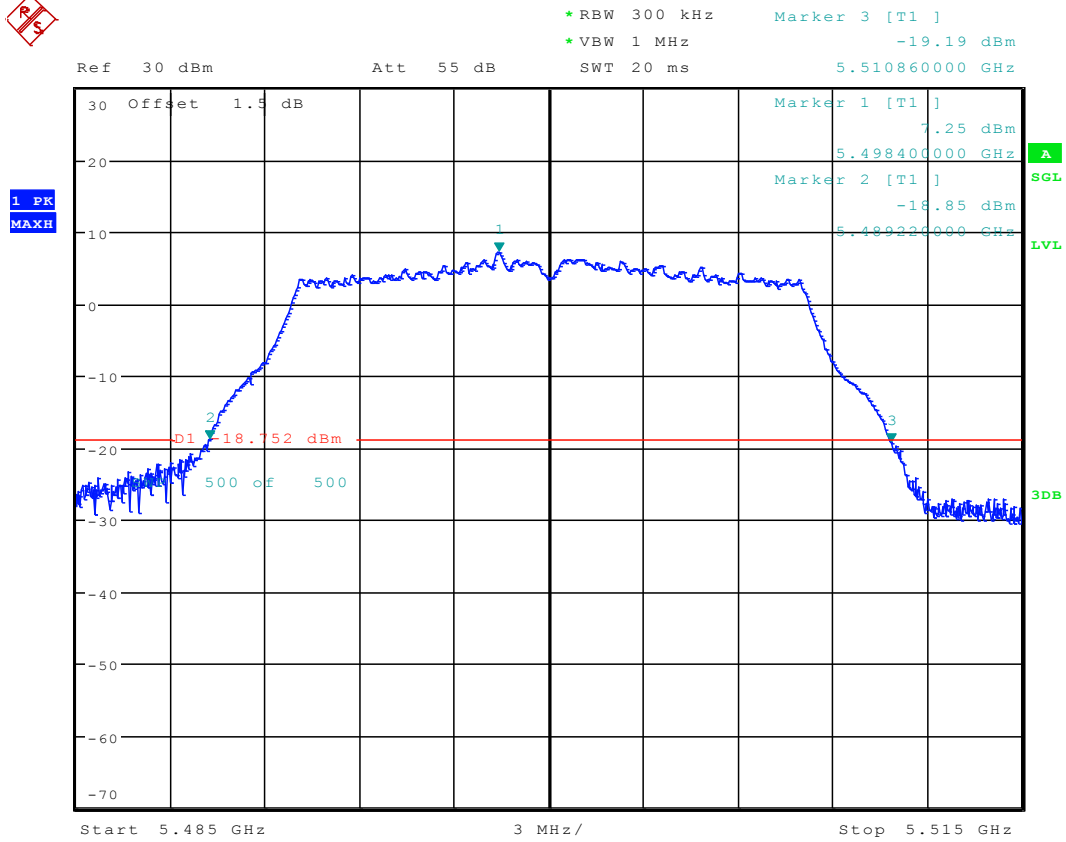
Date: 26.NOV.2015 18:14:02

2.4 11A_64 Ant 1



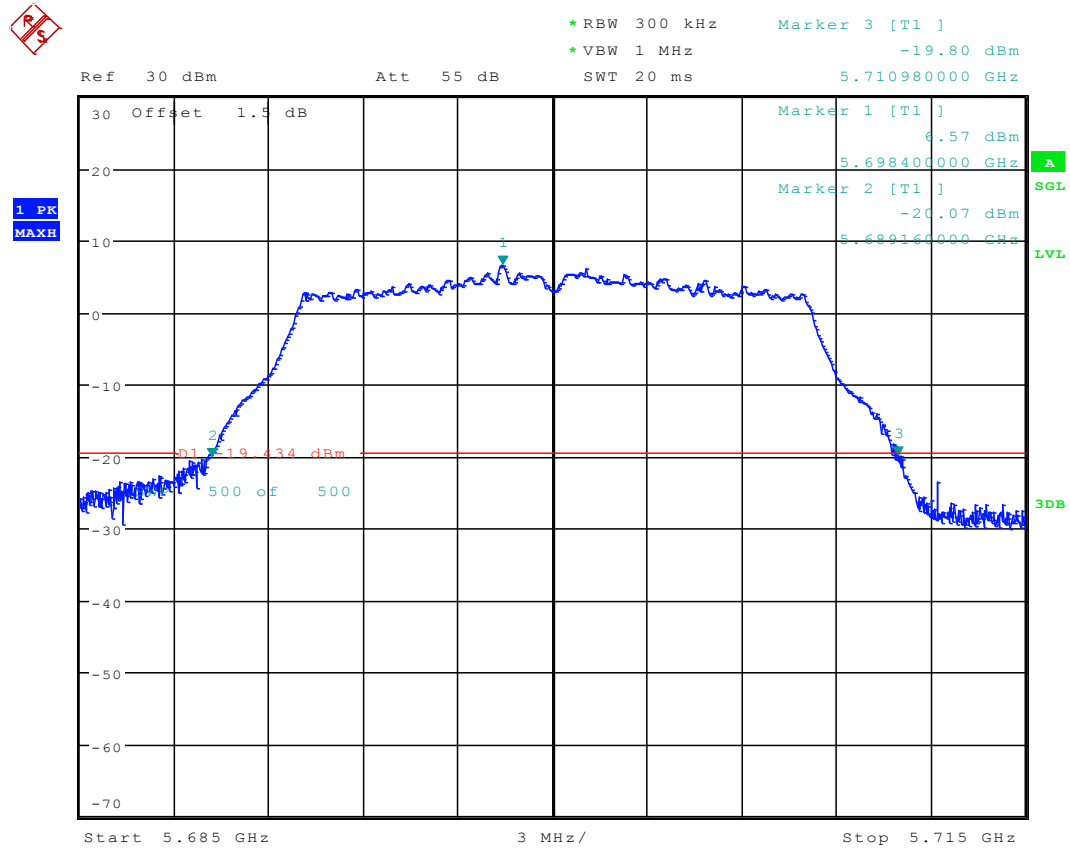
Date: 26.NOV.2015 18:19:44

2.5 11A_100 Ant 1



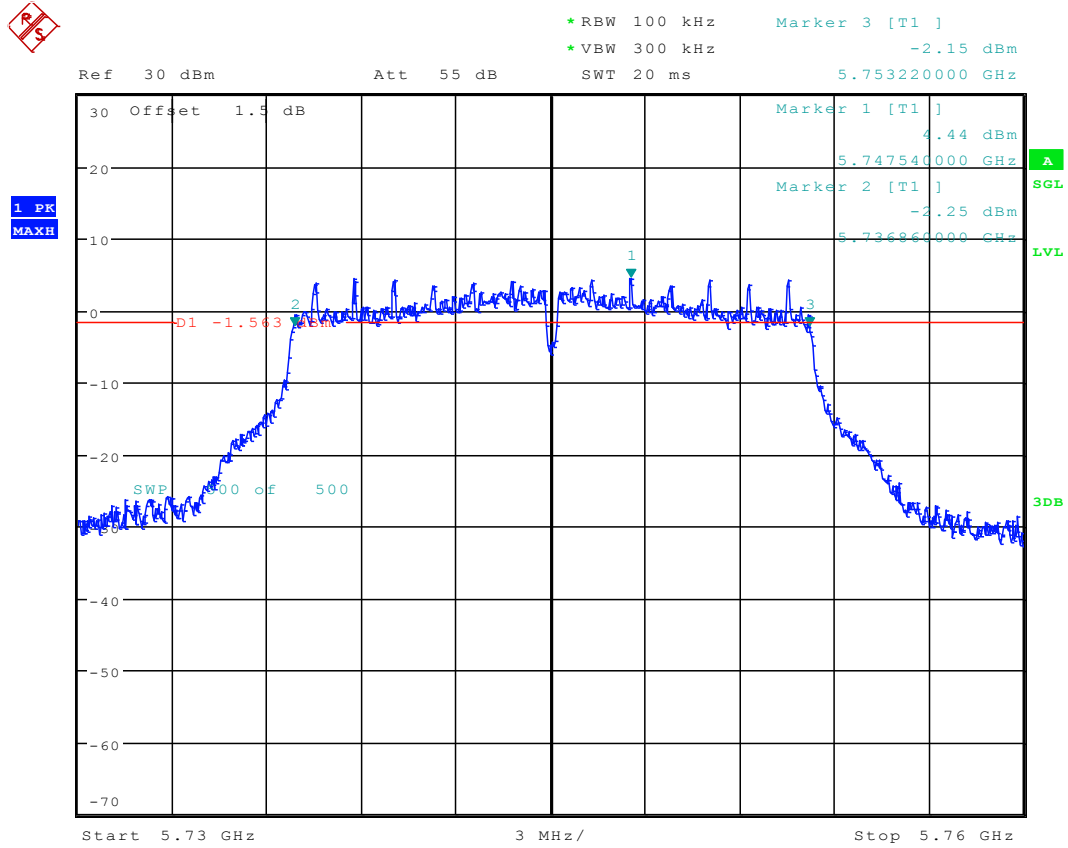
Date: 26.NOV.2015 18:28:33

2.6 11A_140 Ant 1



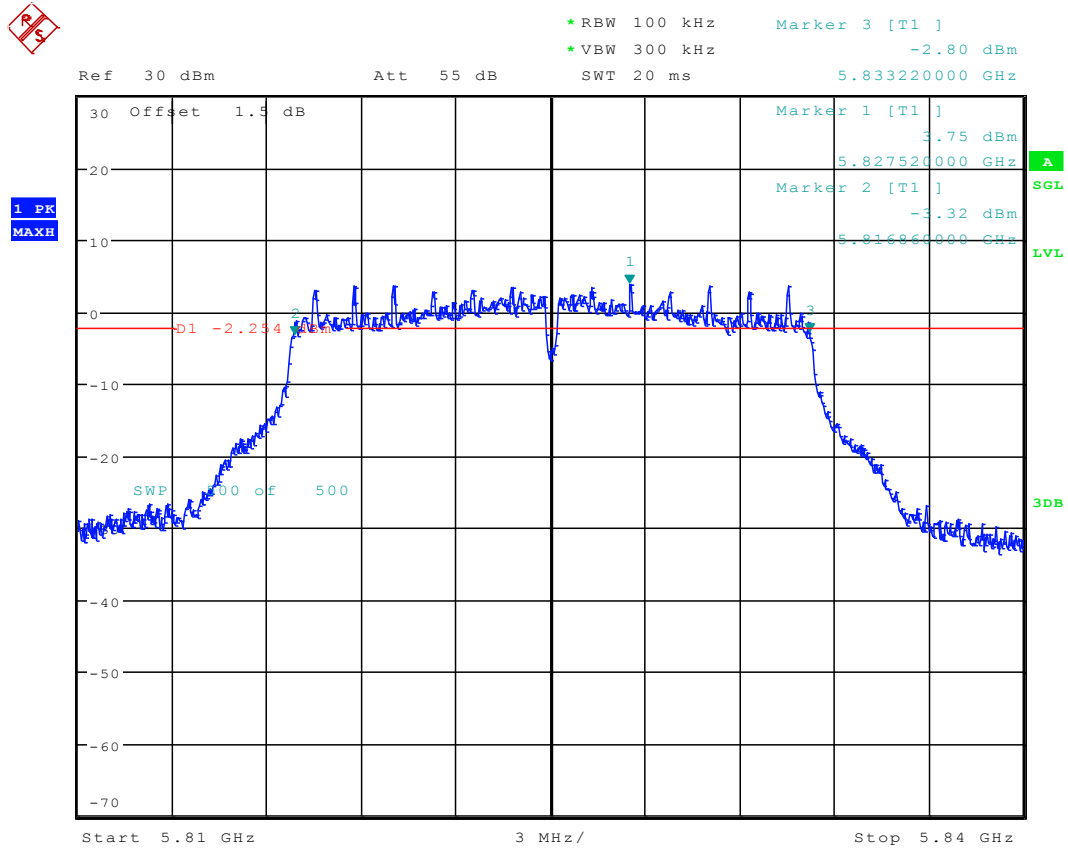
Date: 26.NOV.2015 18:33:03

2.7 11A_149 Ant 1



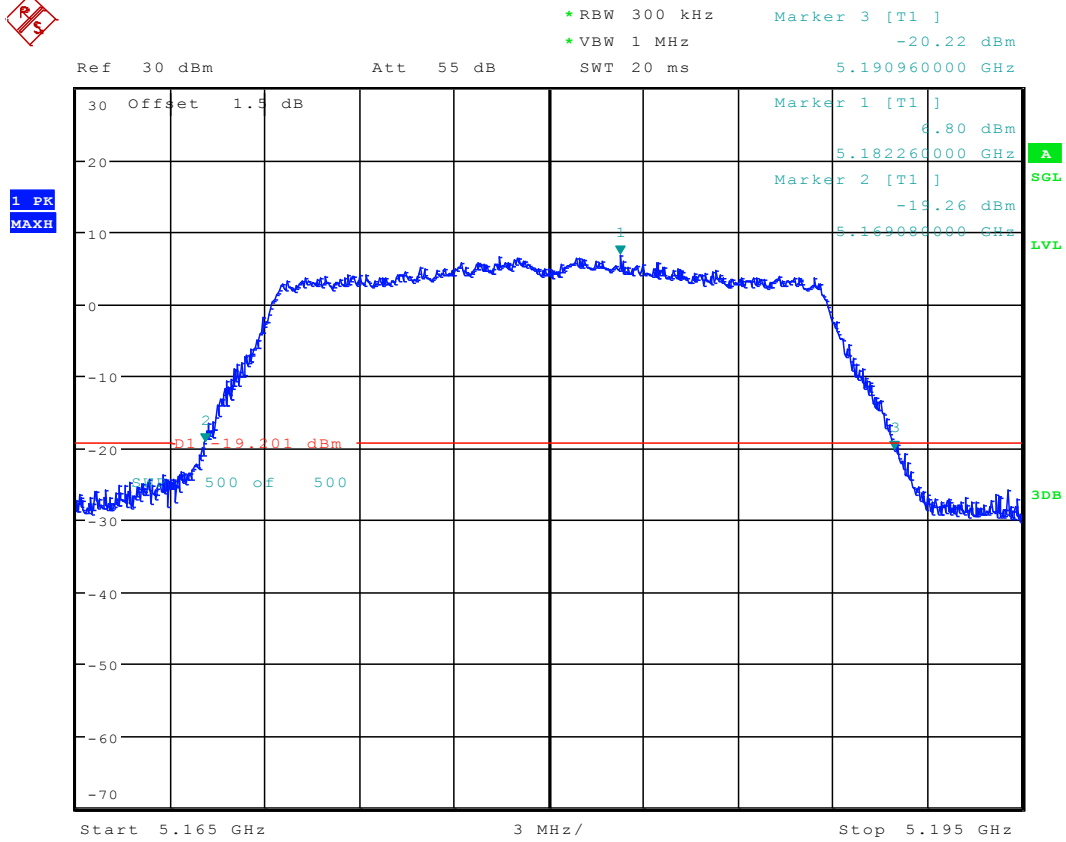
Date: 26.NOV.2015 18:38:45

2.8 11A_165 Ant 1



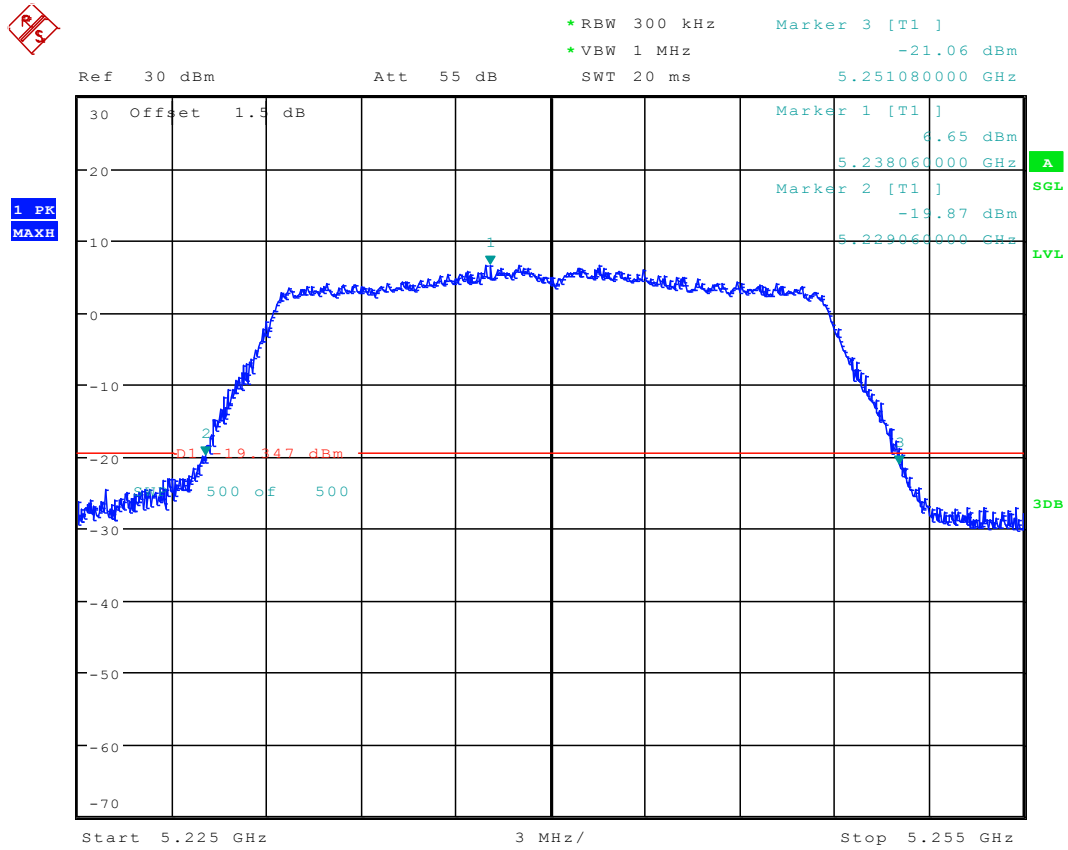
Date: 26.NOV.2015 18:44:16

2.9 11N20_36 Ant 1



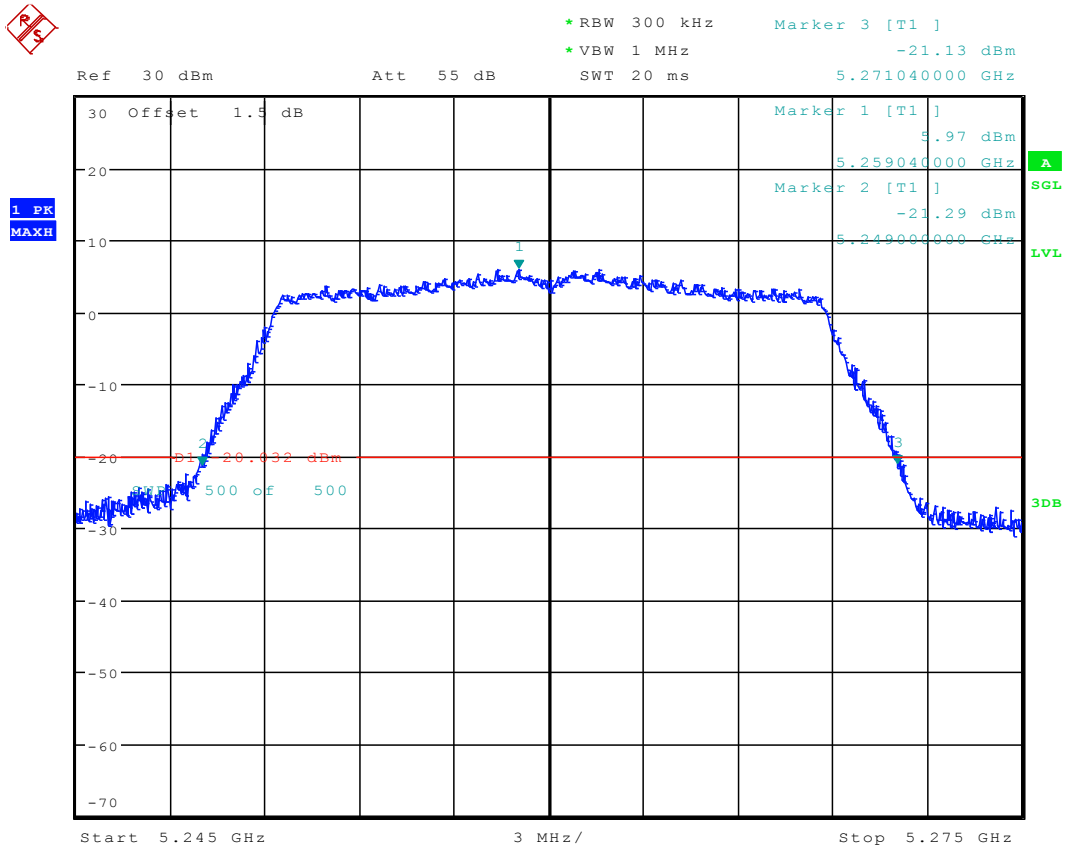
Date: 26.NOV.2015 15:12:25

2.10 11N20_48 Ant 1



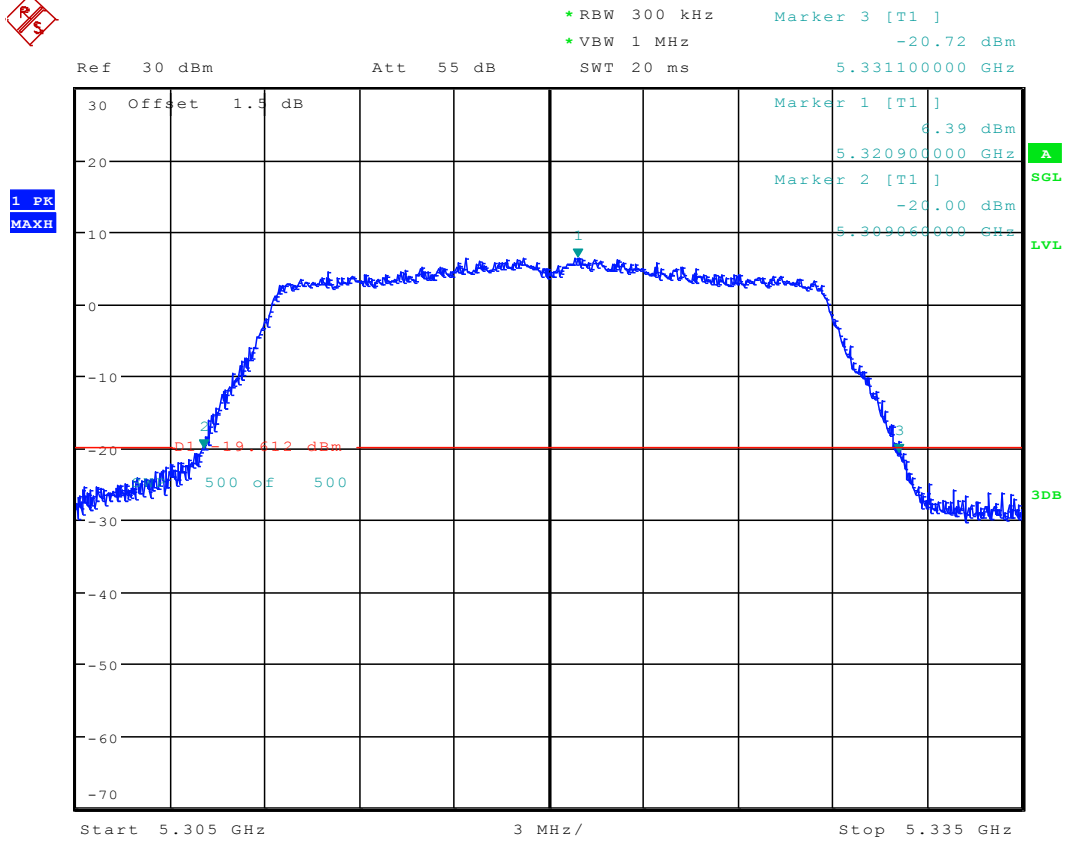
Date: 26.NOV.2015 15:17:08

2.11 11N20_52 Ant 1



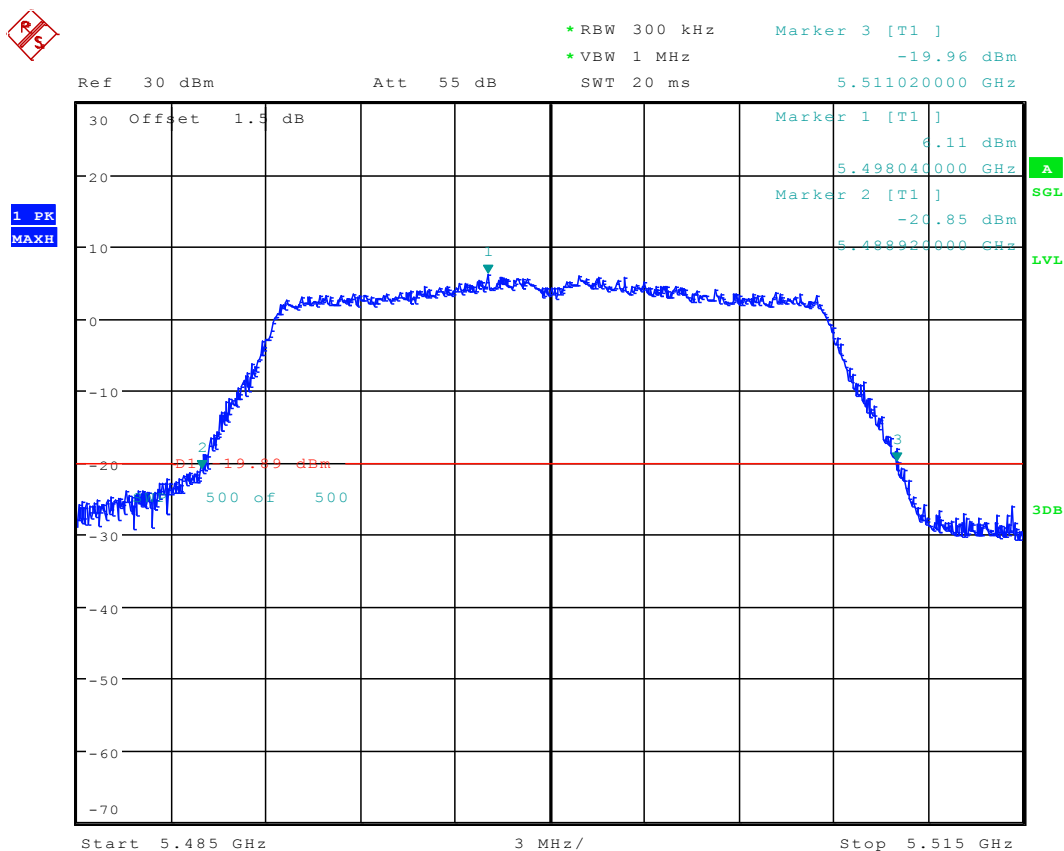
Date: 26.NOV.2015 15:22:11

2.12 11N20_64 Ant 1



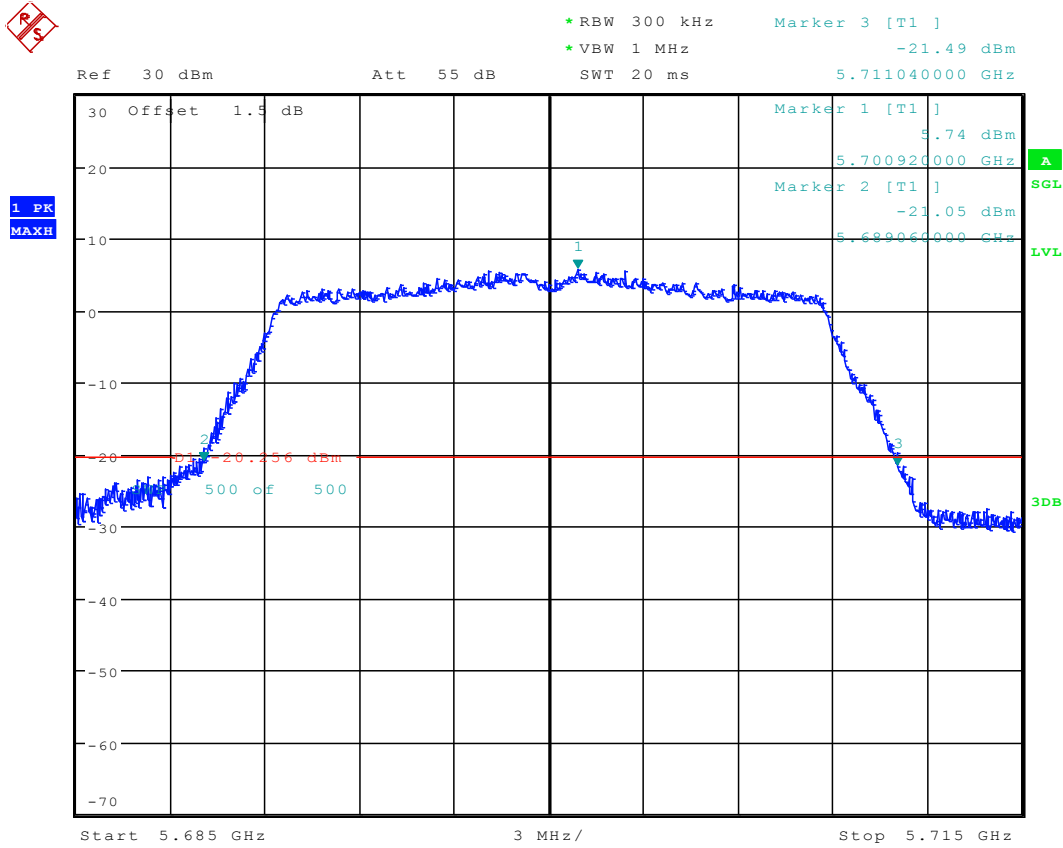
Date: 26.NOV.2015 15:26:56

2.13 11N20_100 Ant 1



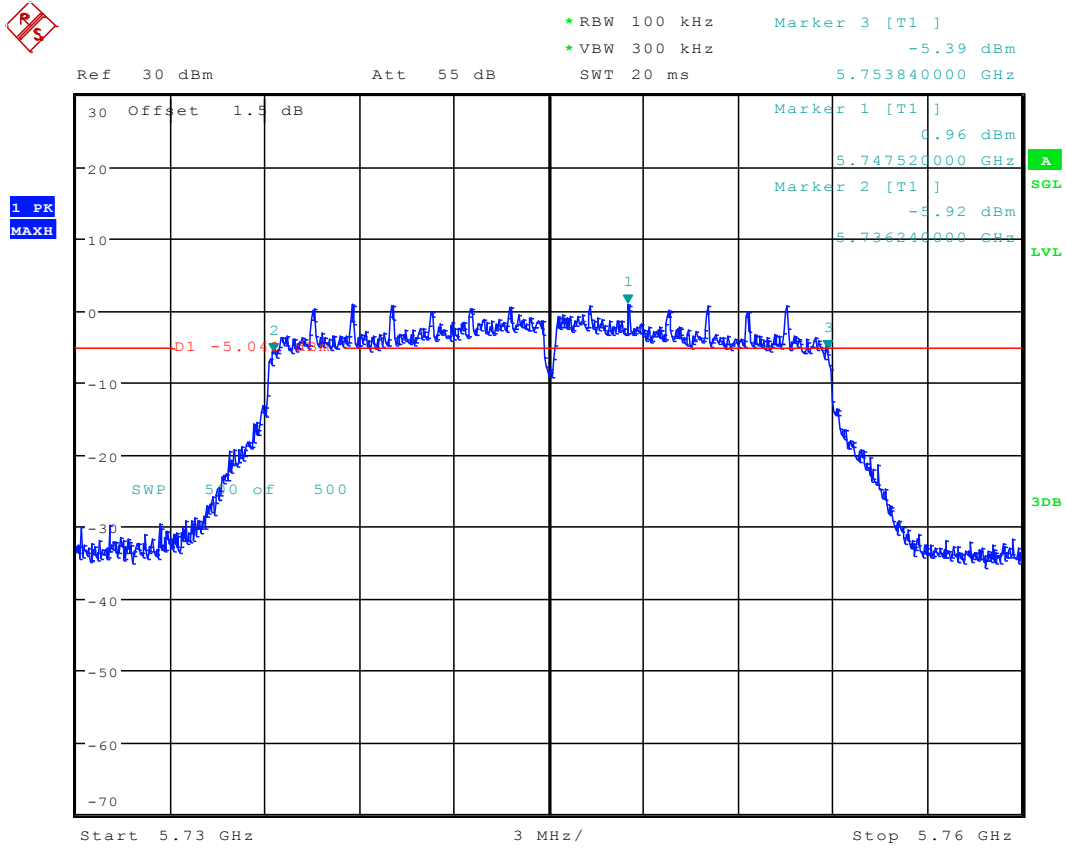
Date: 26.NOV.2015 15:32:47

2.14 11N20_140 Ant 1



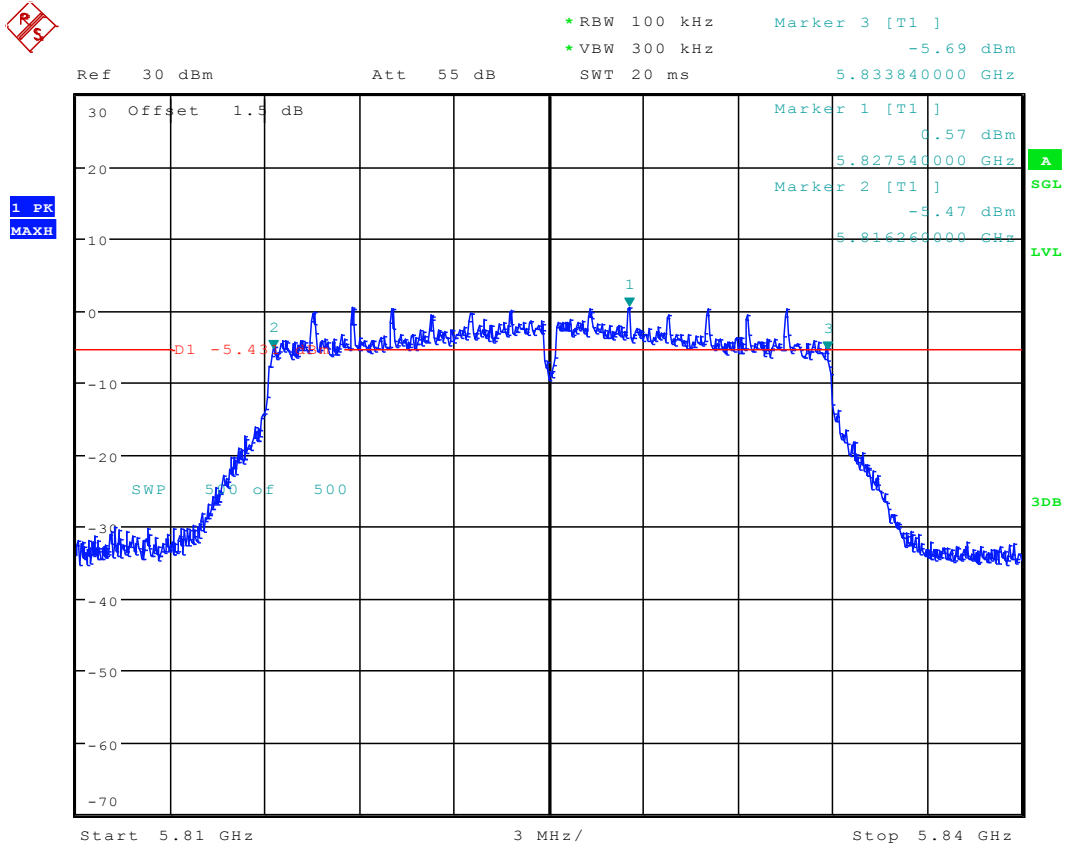
Date: 26.NOV.2015 15:37:41

2.15 11N20_149 Ant 1



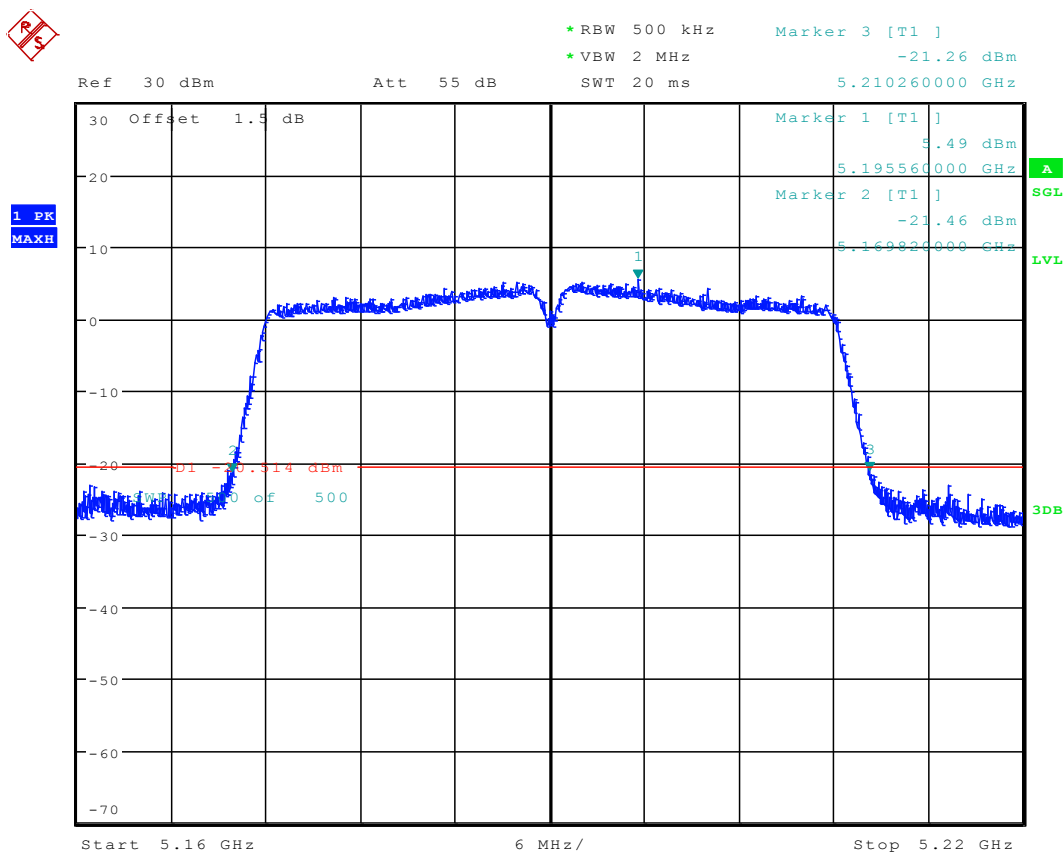
Date: 26.NOV.2015 15:42:23

2.16 11N20_165 Ant 1



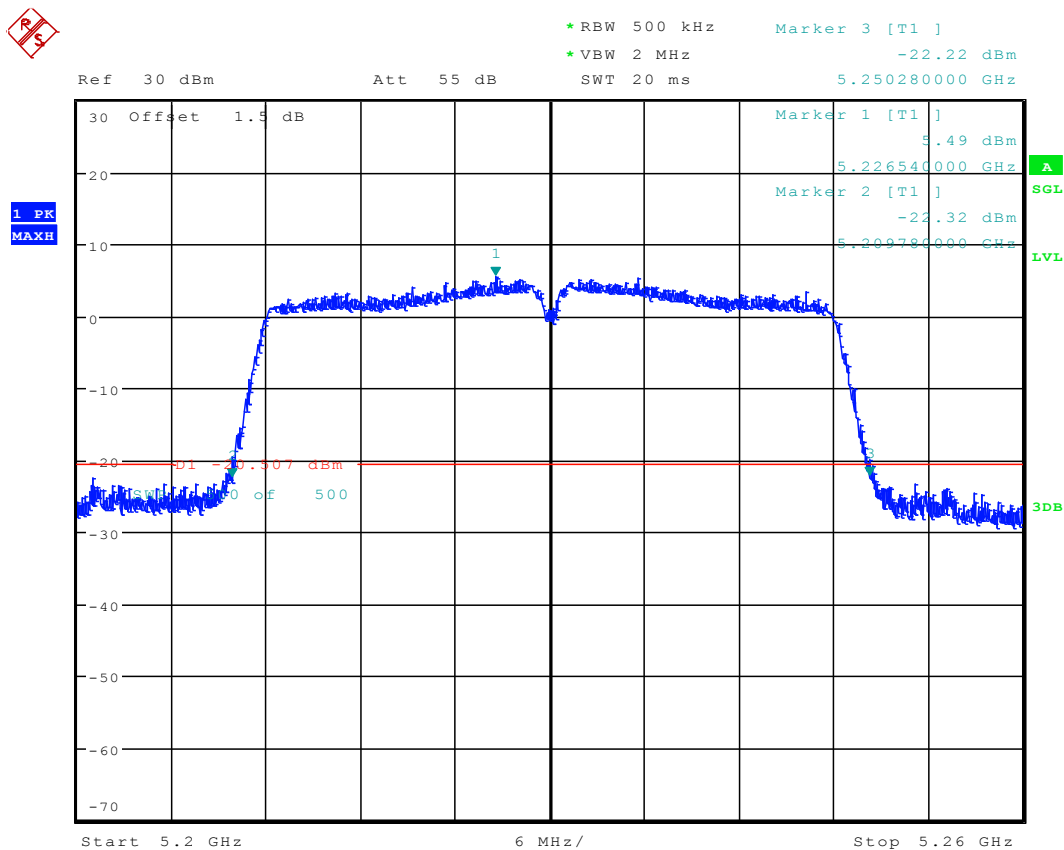
Date: 26.NOV.2015 15:48:12

2.17 11N40_38 Ant 1



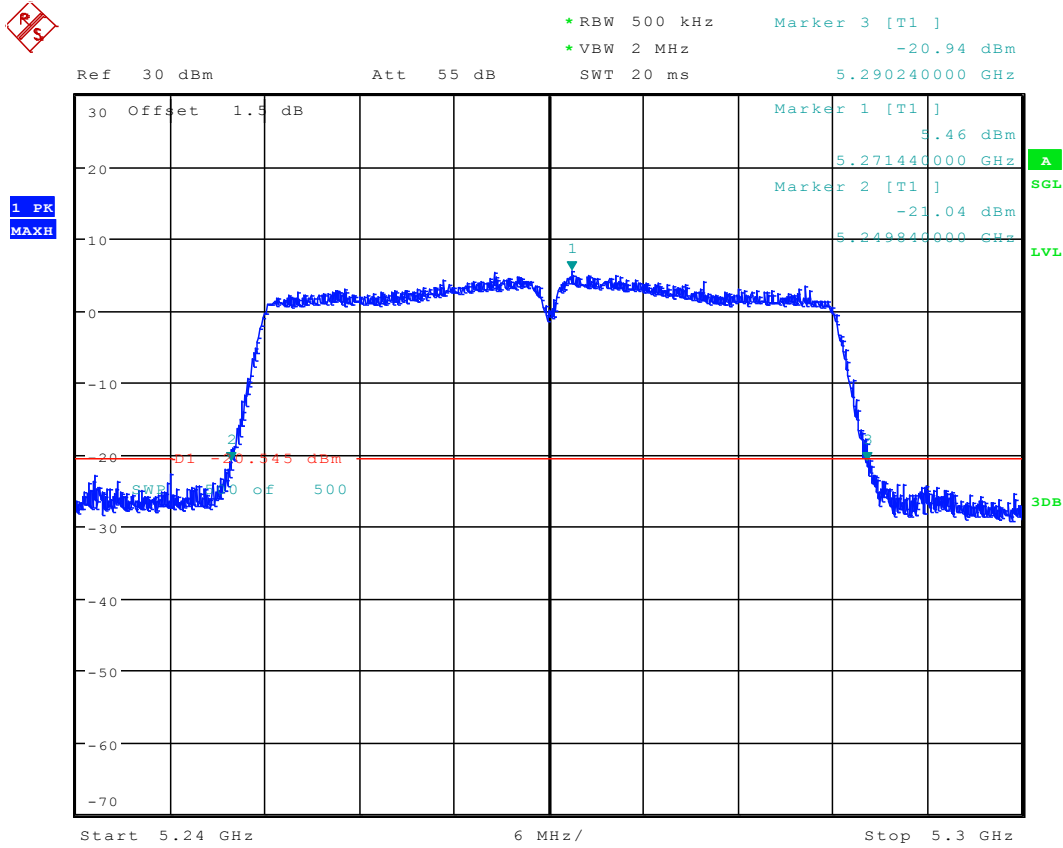
Date: 26.NOV.2015 15:54:00

2.18 11N40_46 Ant 1



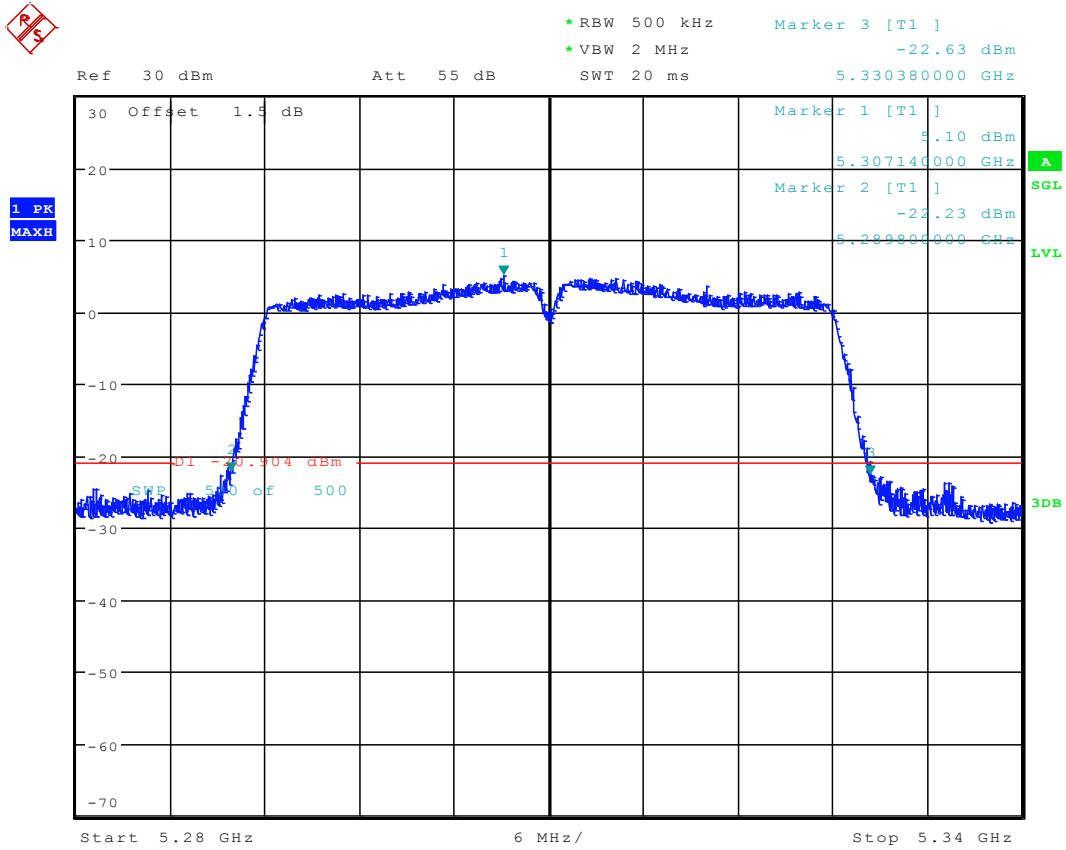
Date: 26.NOV.2015 17:19:49

2.19 11N40_54 Ant 1



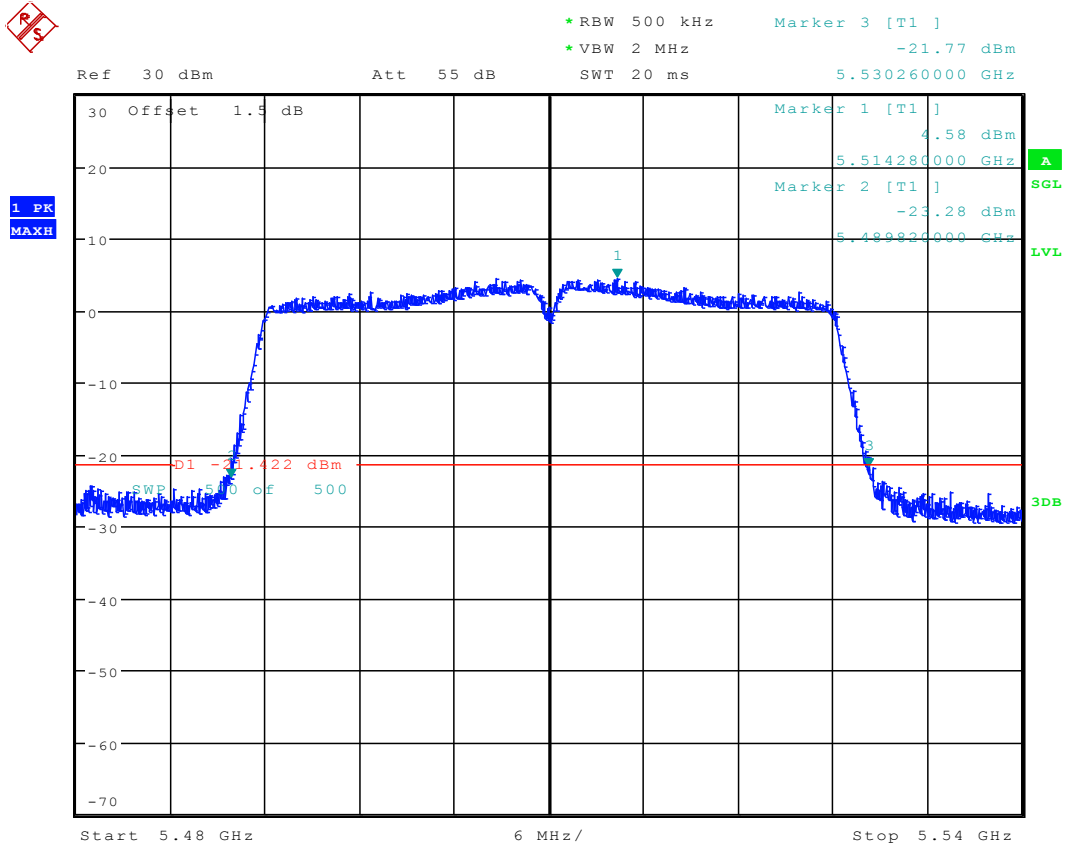
Date: 26.NOV.2015 17:23:38

2.20 11N40_62 Ant 1



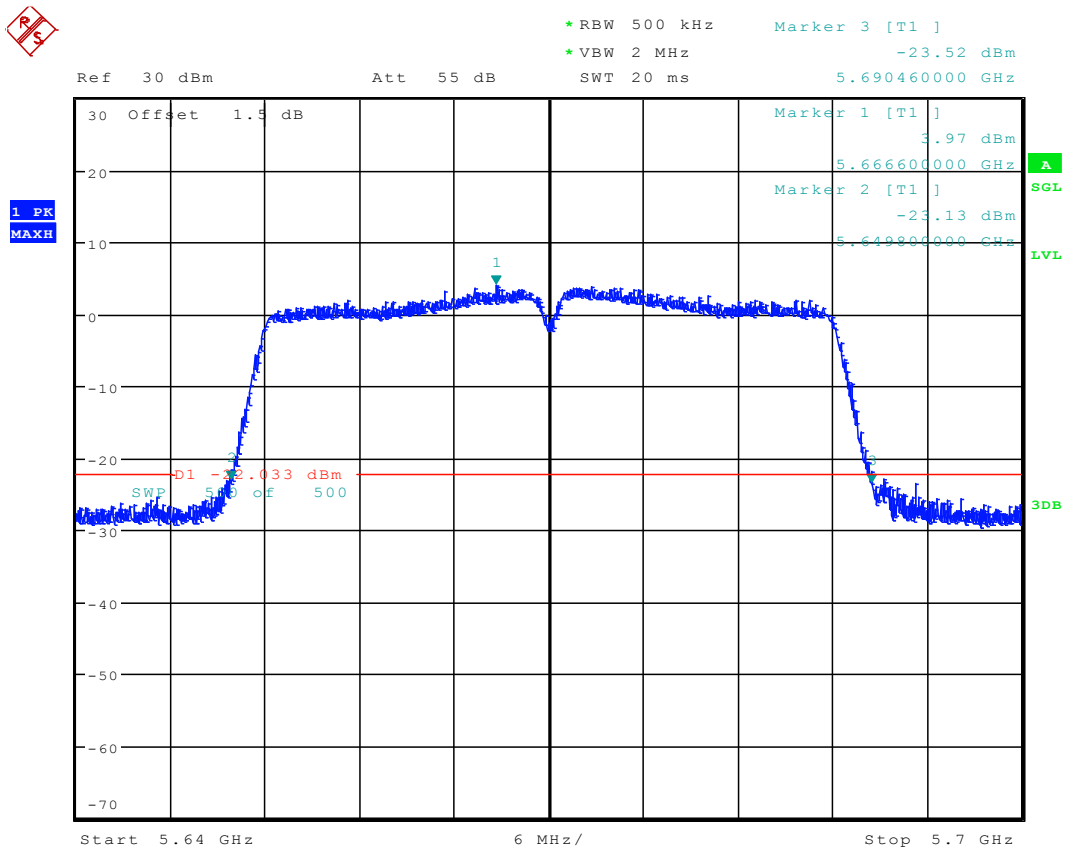
Date: 26.NOV.2015 17:30:32

2.21 11N40_102 Ant 1



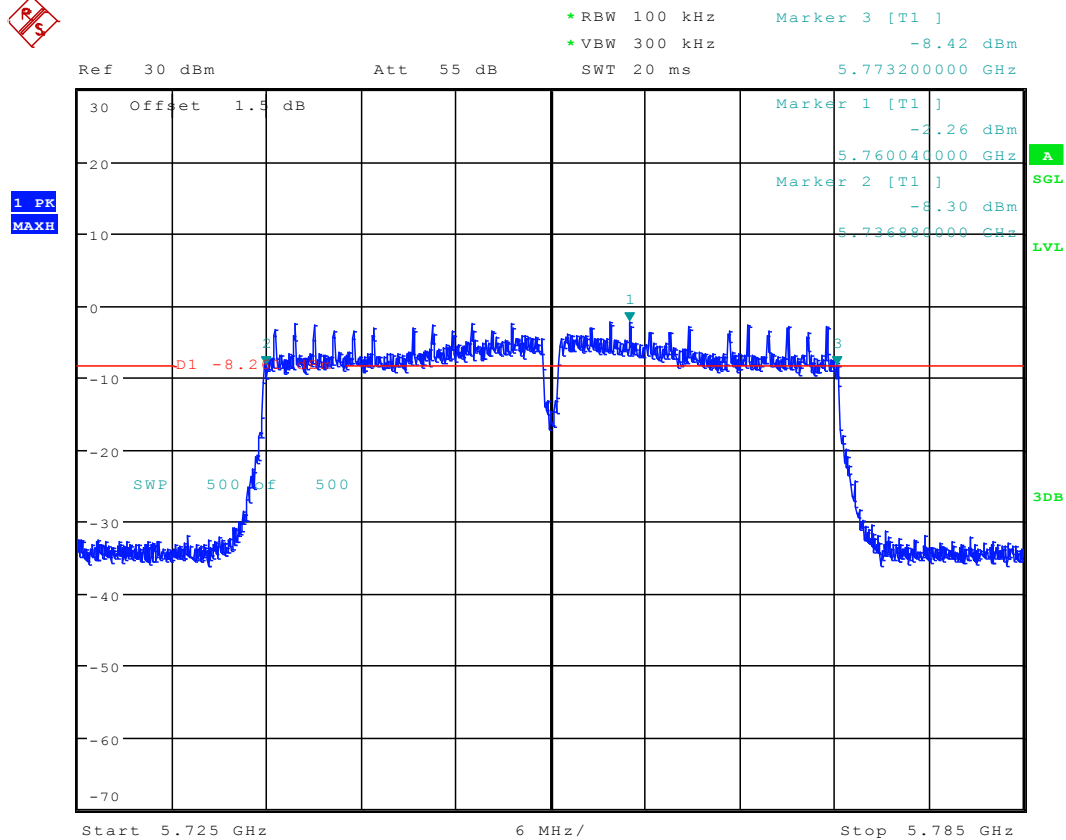
Date: 26.NOV.2015 17:35:32

2.22 11N40_134 Ant 1



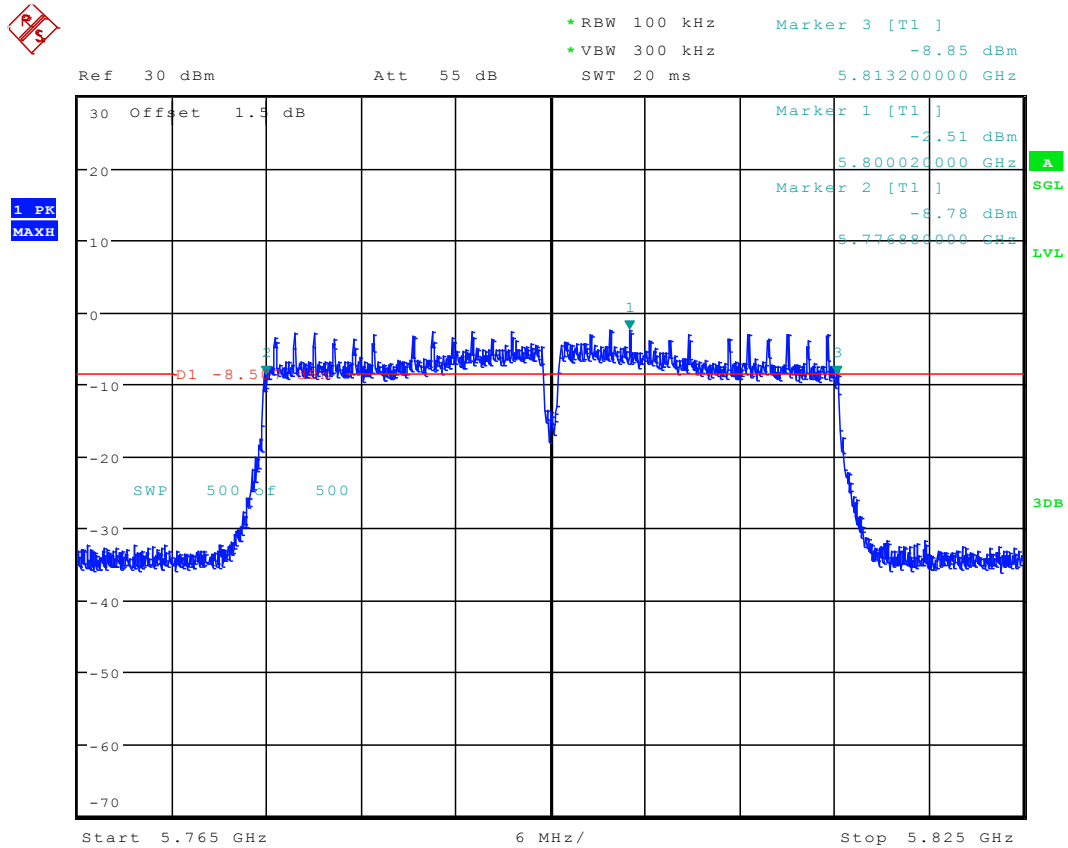
Date: 26.NOV.2015 17:38:37

2.23 11N40_151 Ant 1



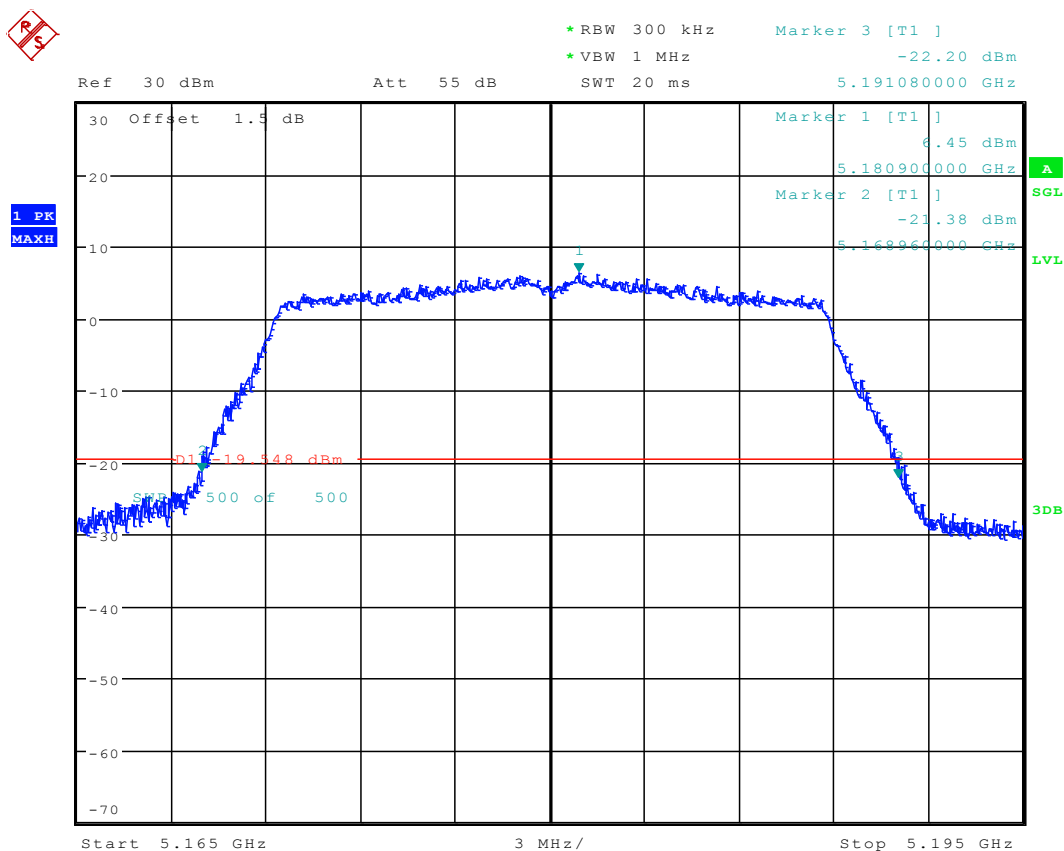
Date: 26.NOV.2015 17:42:35

2.24 11N40_159 Ant 1

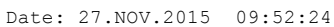
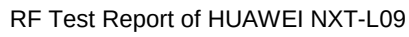


Date: 26.NOV.2015 17:49:49

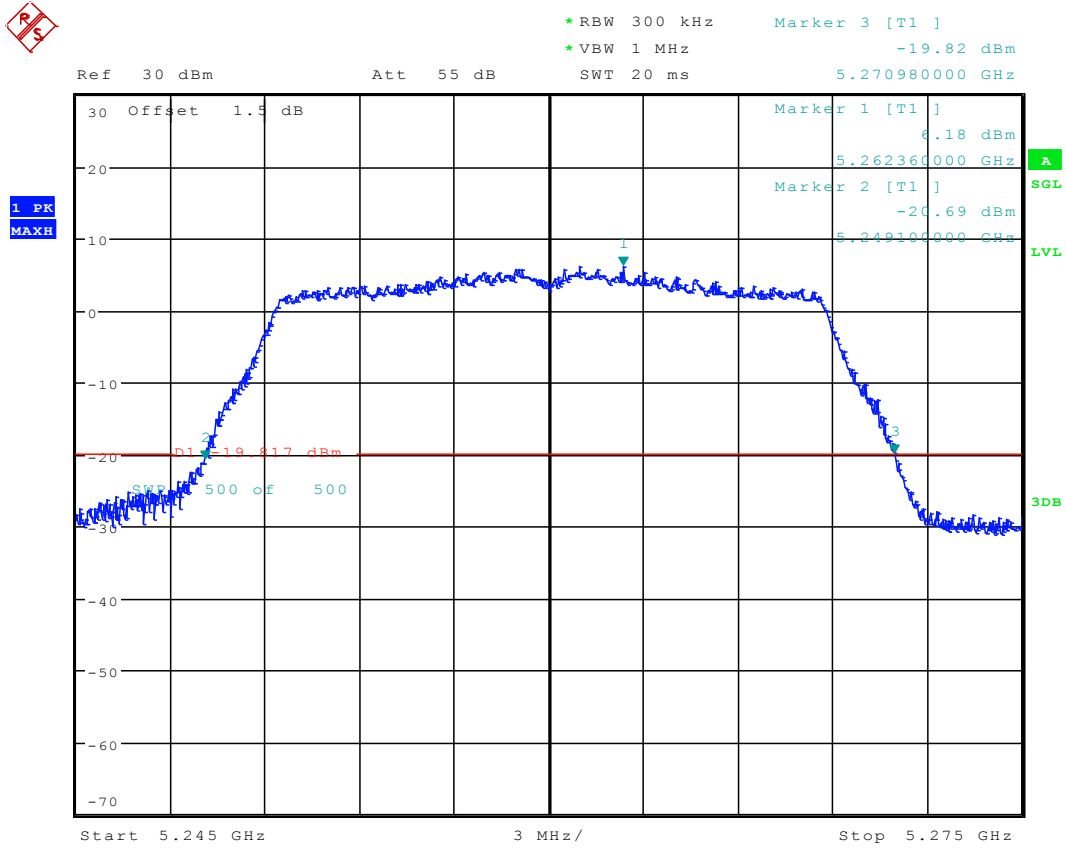
2.25 11AC20_36 Ant 1



Date: 27.NOV.2015 09:46:17

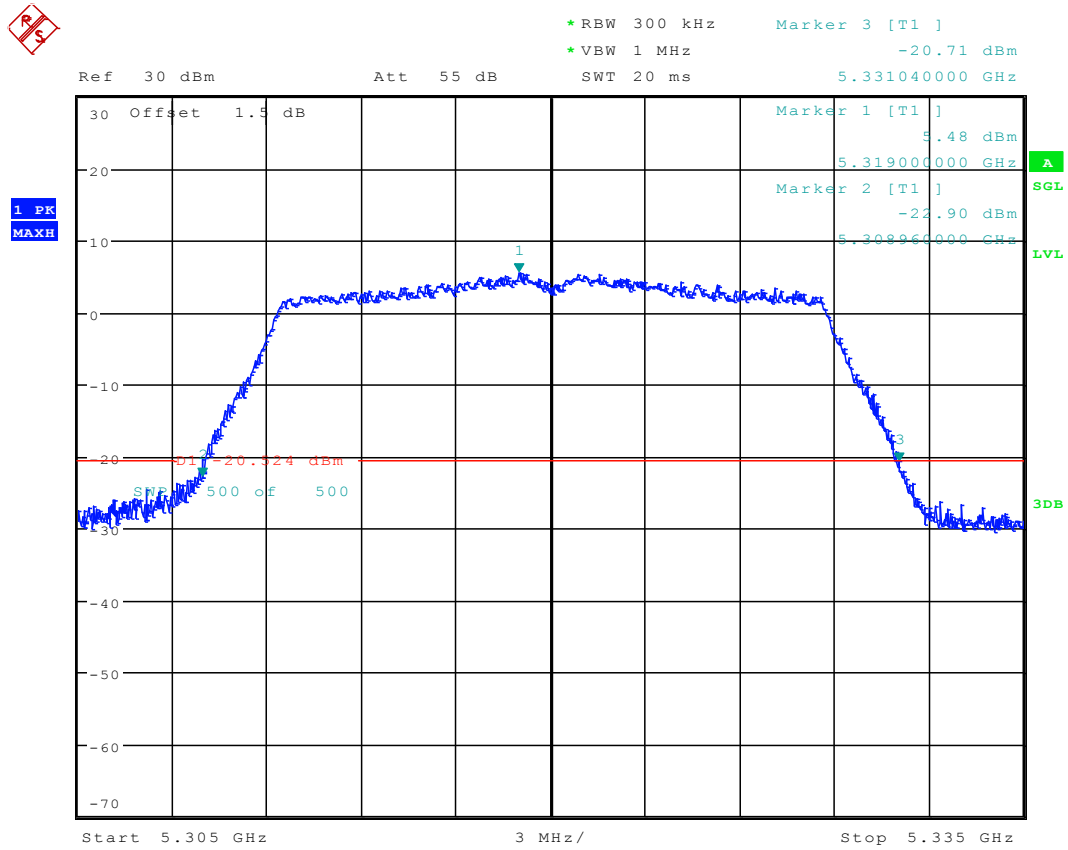


2.27 11AC20_52 Ant 1



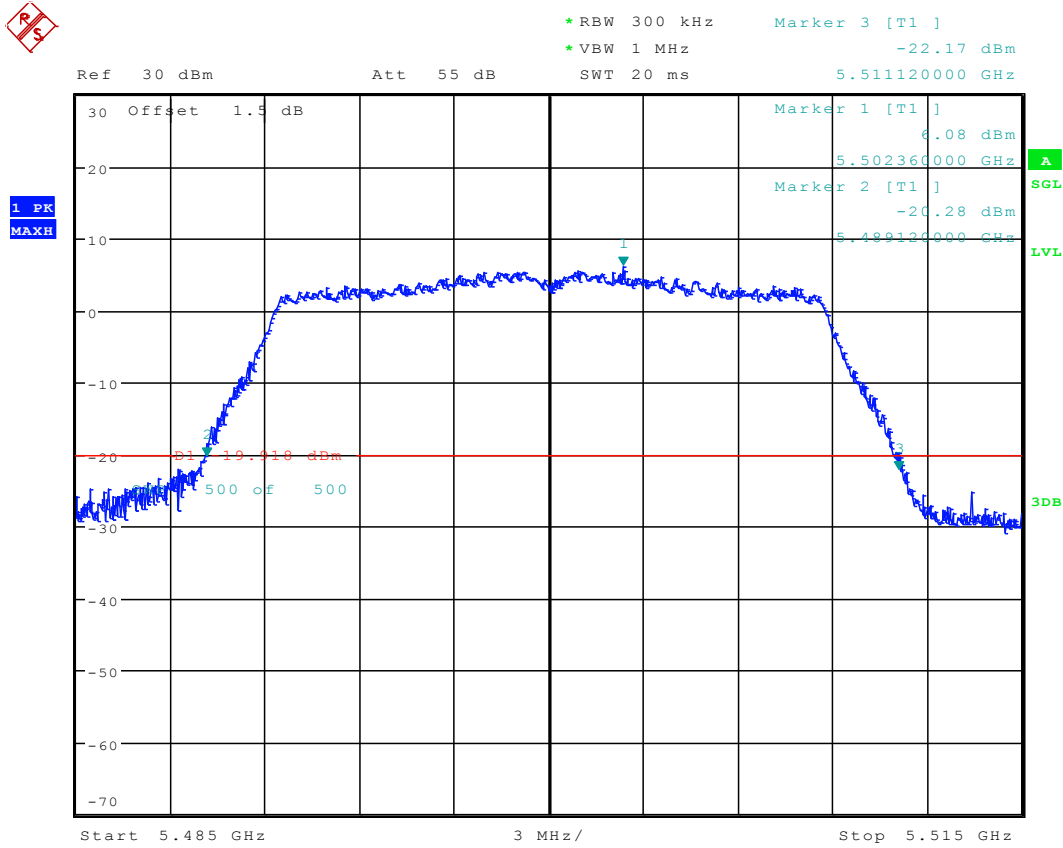
Date: 27.NOV.2015 09:58:17

2.28 11AC20_64 Ant 1



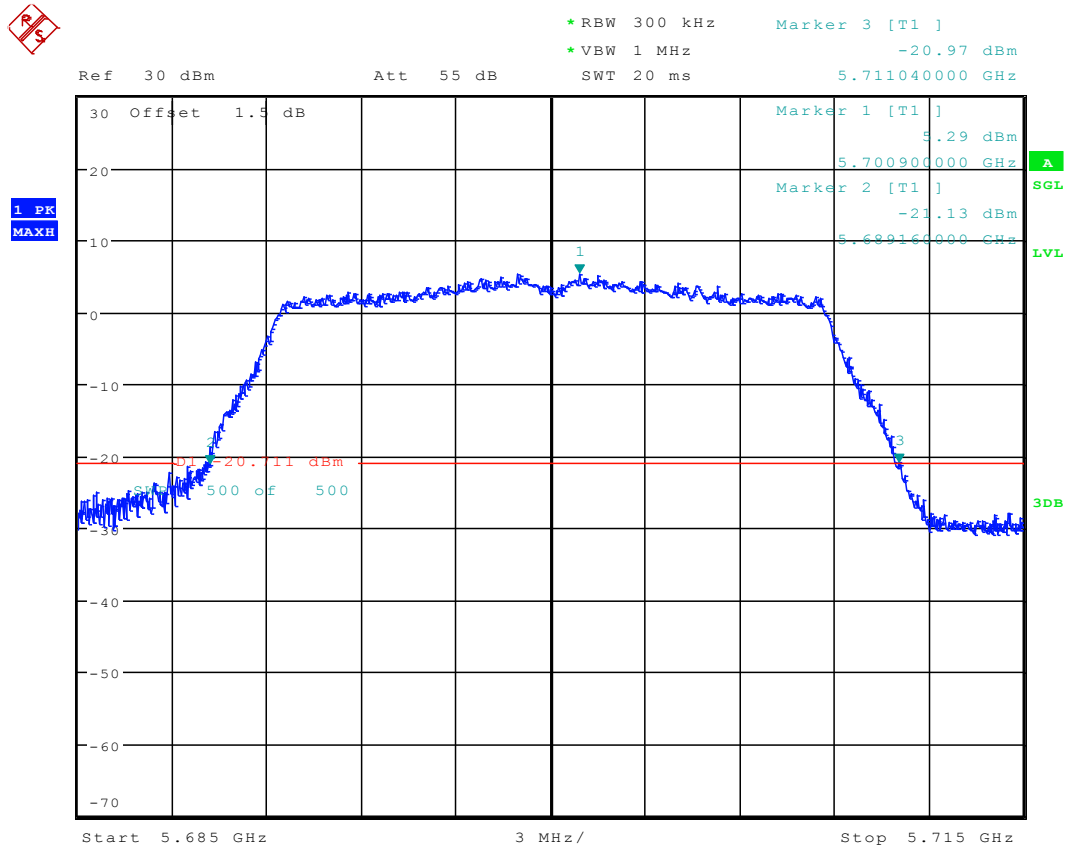
Date: 27.NOV.2015 10:03:11

2.29 11AC20_100 Ant 1



Date: 27.NOV.2015 10:07:53

2.30 11AC20_140 Ant 1

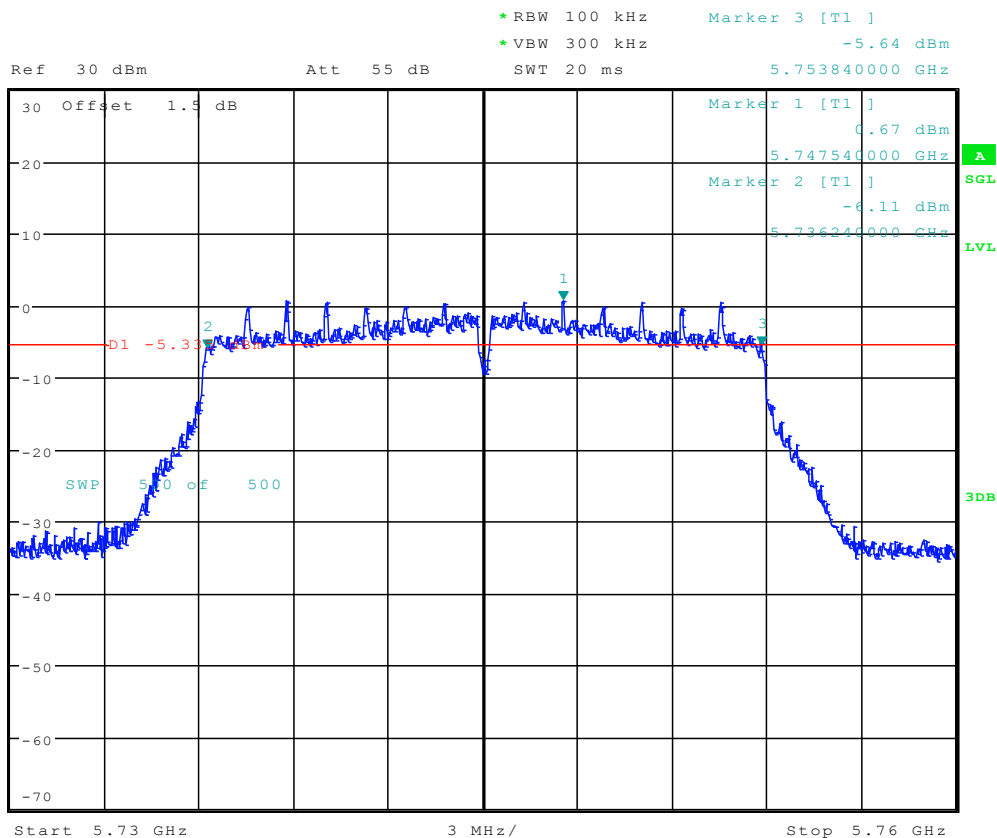


Date: 27.NOV.2015 10:12:39

2.31 11AC20_149 Ant 1

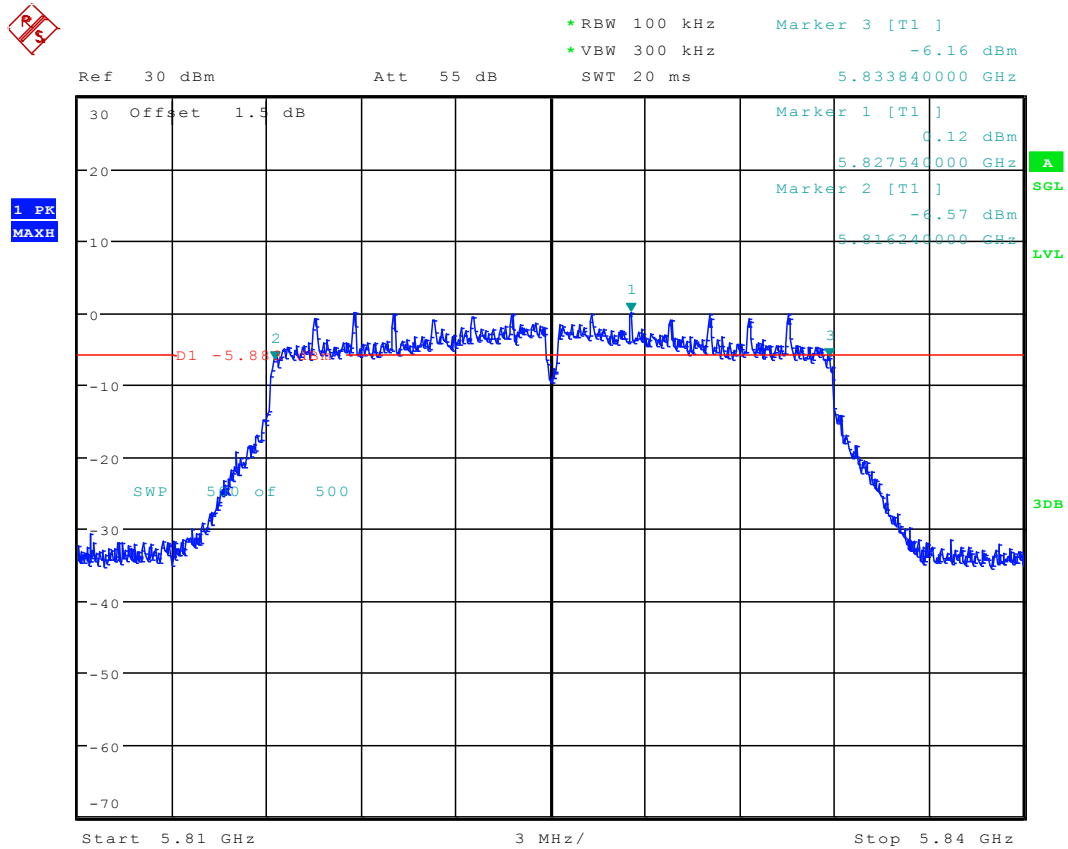


1 PK
MAXH



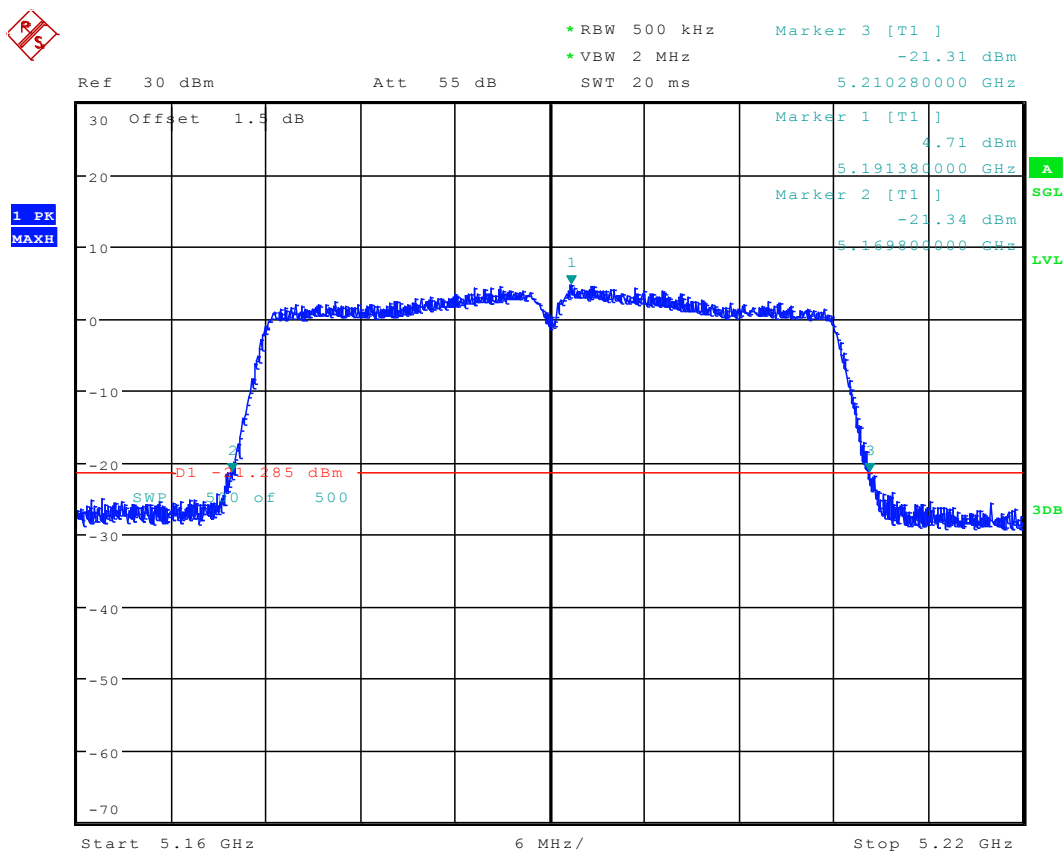
Date: 27.NOV.2015 10:18:47

2.32 11AC20_165 Ant 1



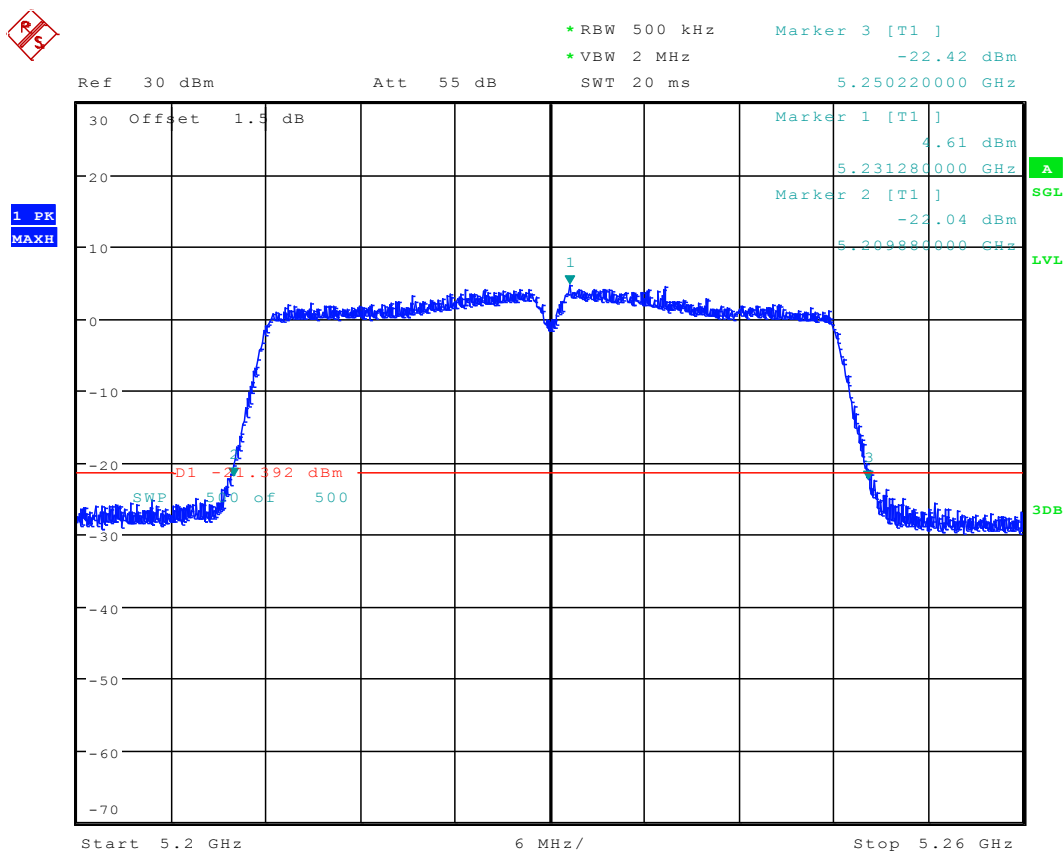
Date: 27.NOV.2015 10:27:48

2.33 11AC40_38 Ant 1



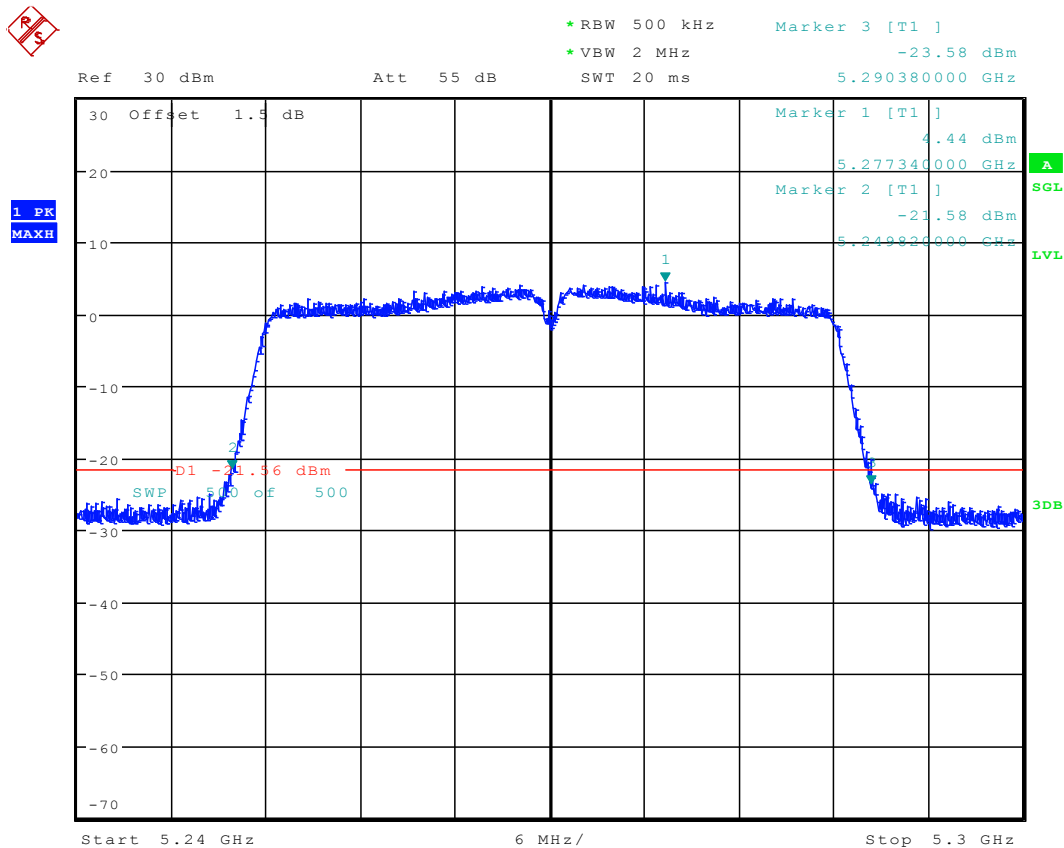
Date: 27.NOV.2015 10:34:54

2.34 11AC40_46 Ant 1



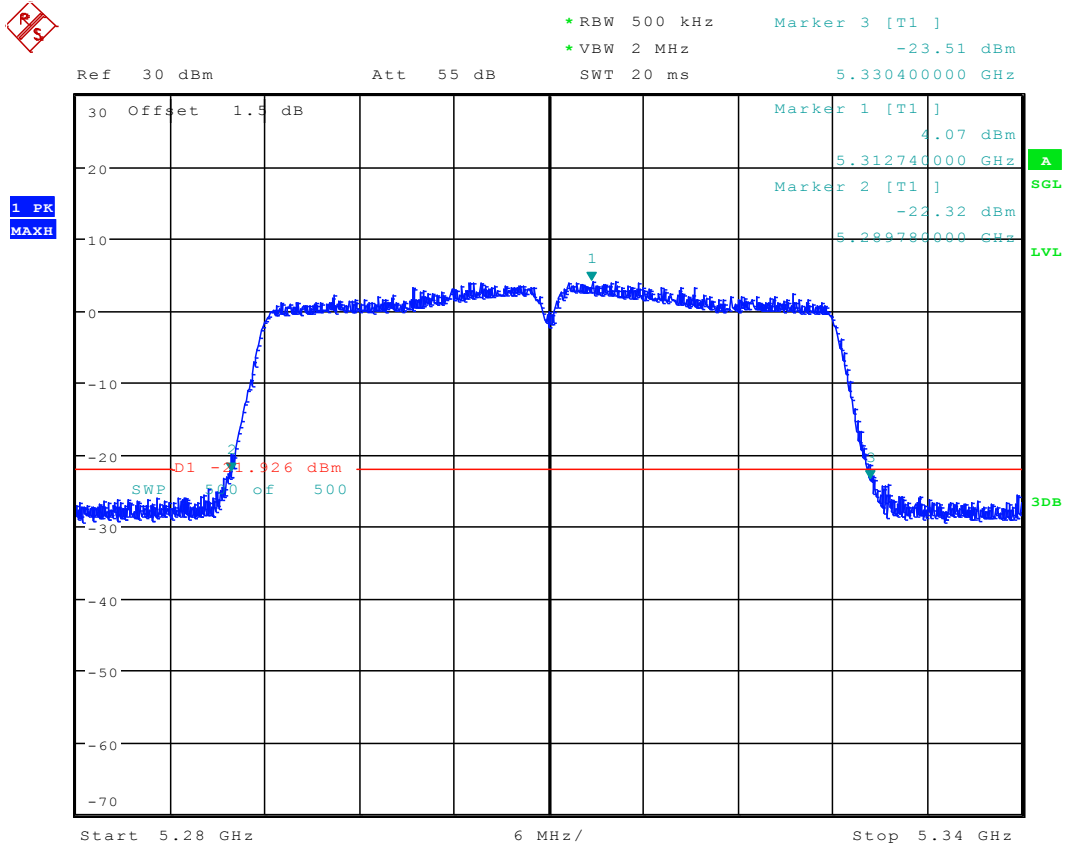
Date: 27.NOV.2015 10:39:42

2.35 11AC40_54 Ant 1



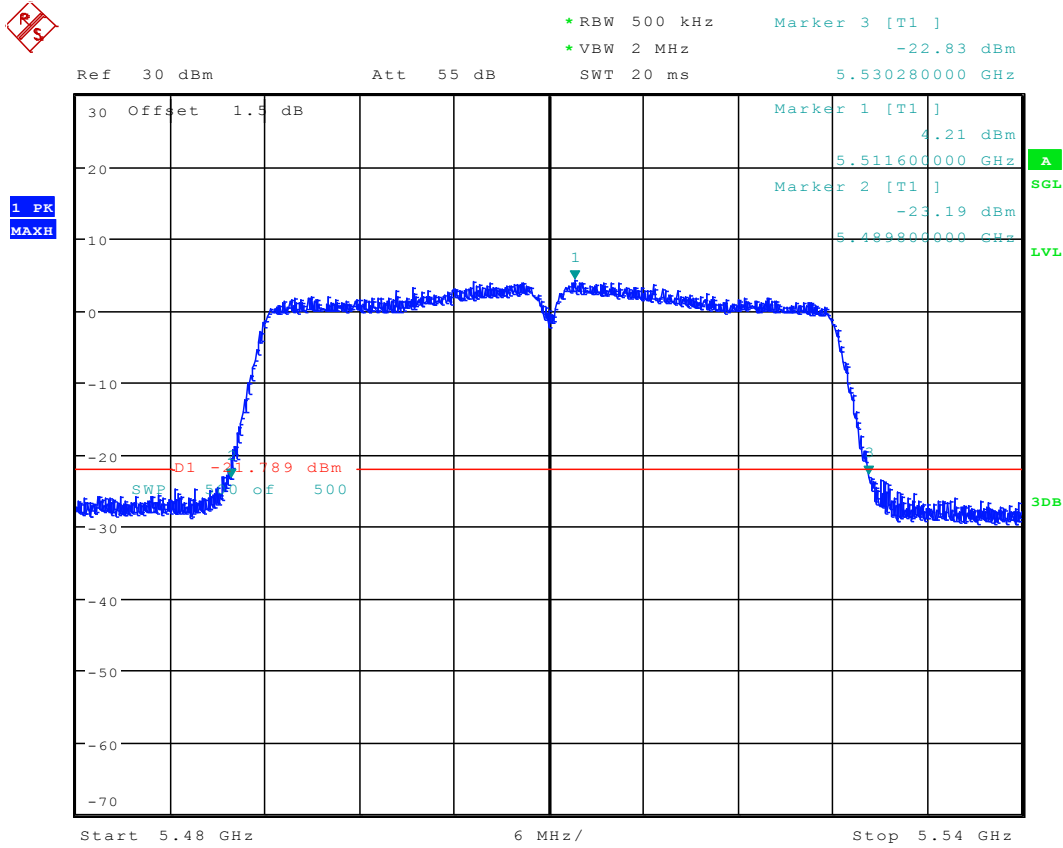
Date: 27.NOV.2015 10:46:49

2.36 11AC40_62 Ant 1



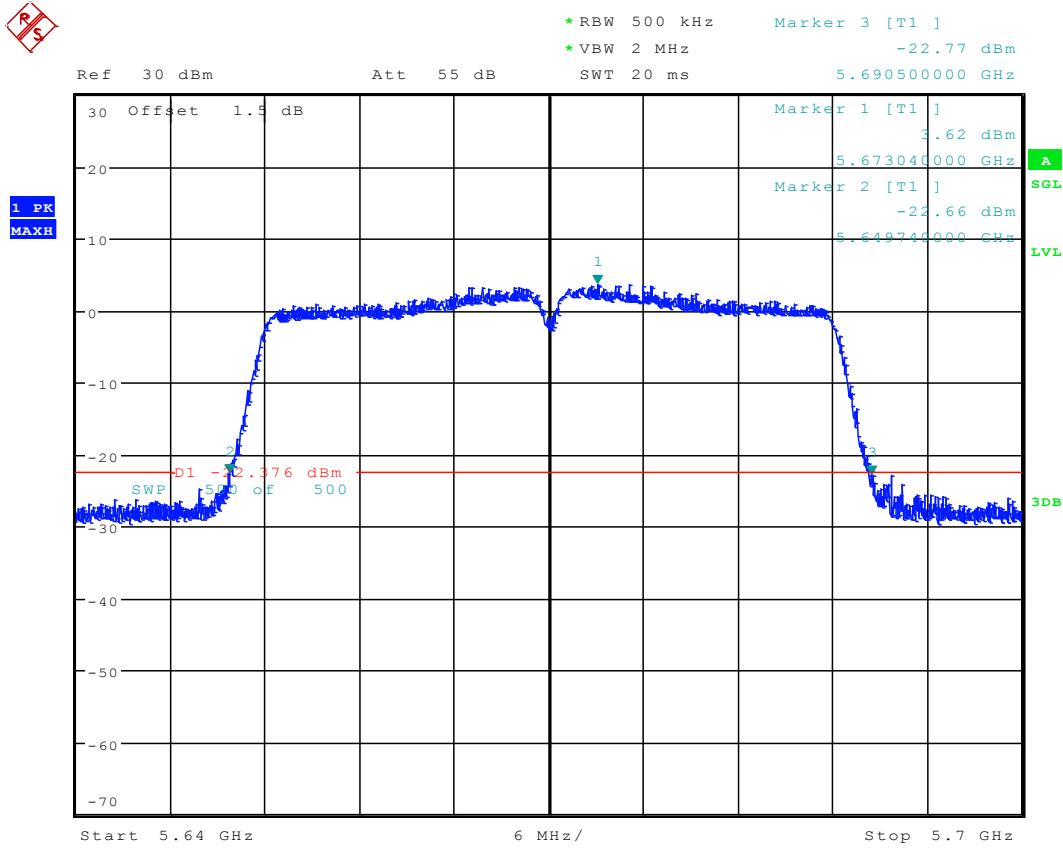
Date: 27.NOV.2015 10:55:12

2.37 11AC40_102 Ant 1



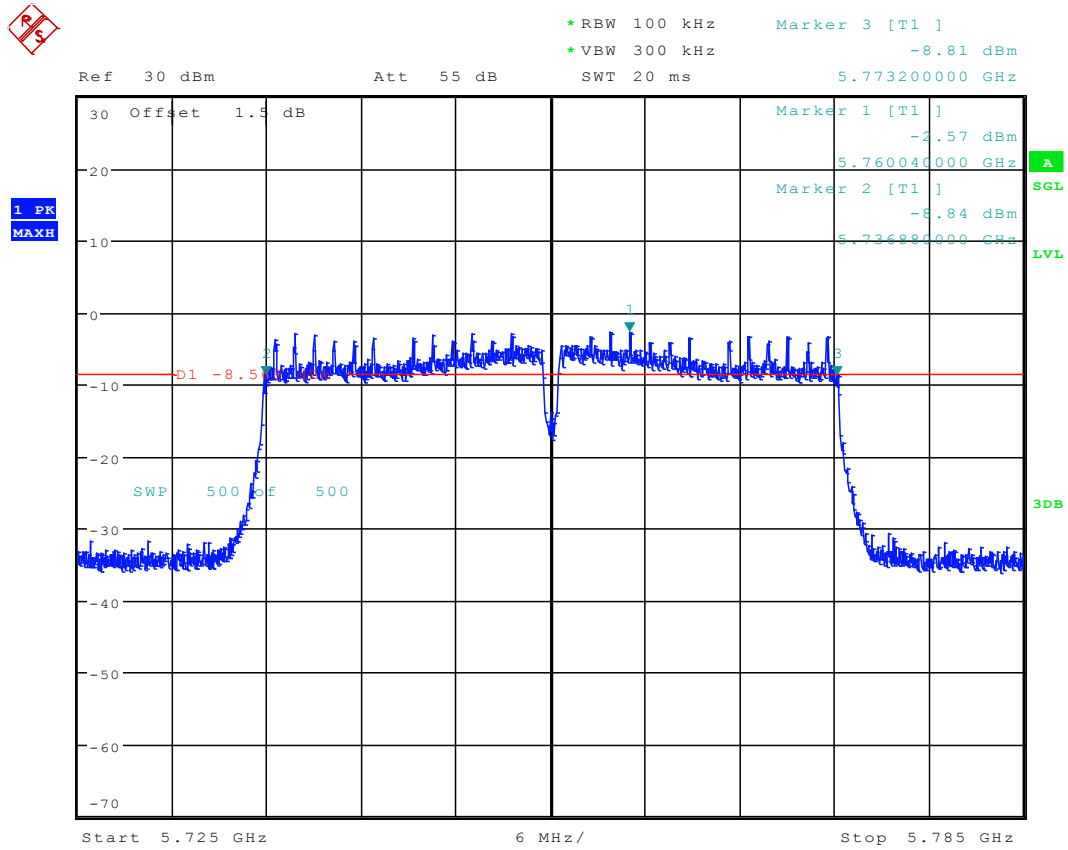
Date: 27.NOV.2015 11:01:32

2.38 11AC40_134 Ant 1



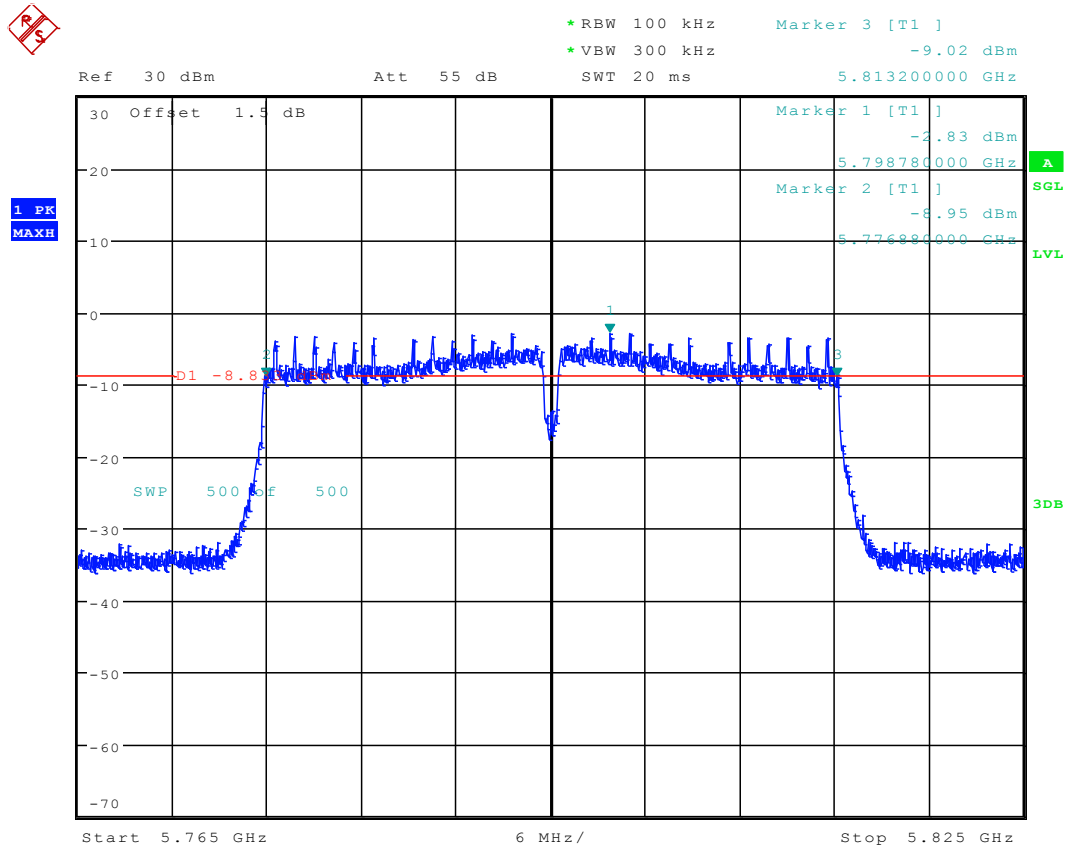
Date: 27.NOV.2015 11:09:17

2.39 11AC40_151 Ant 1



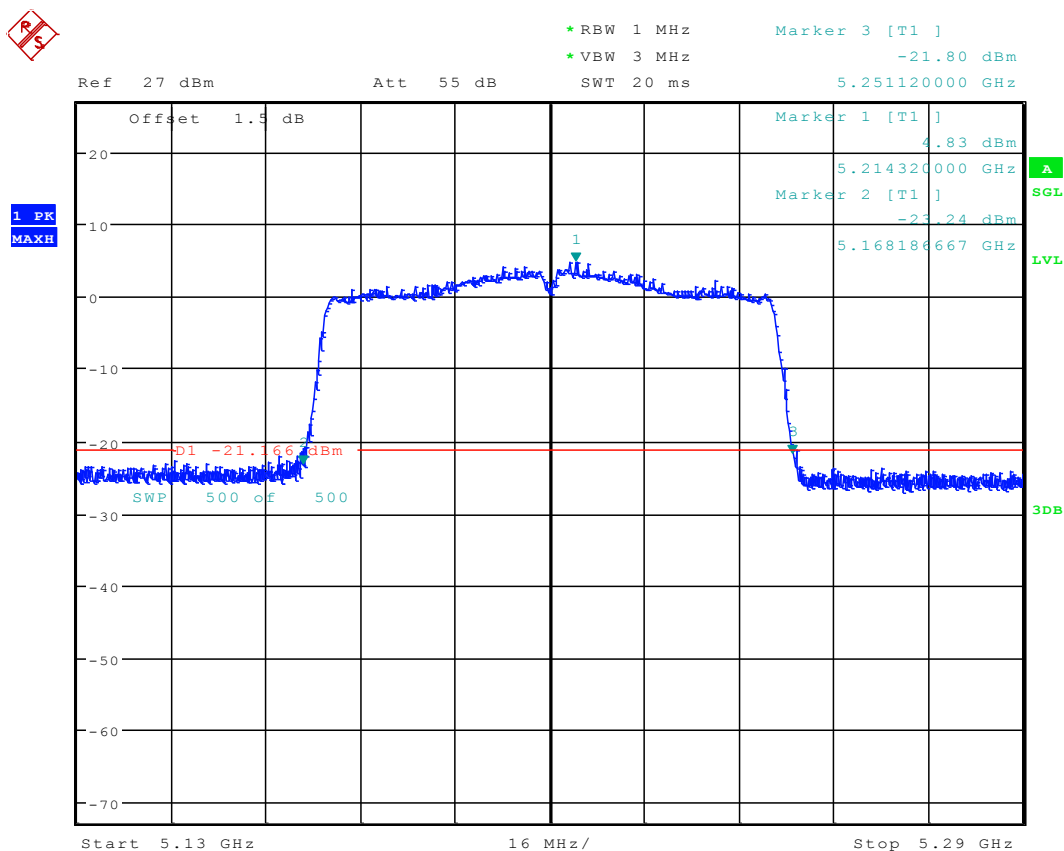
Date: 27.NOV.2015 11:22:33

2.40 11AC40_159 Ant 1



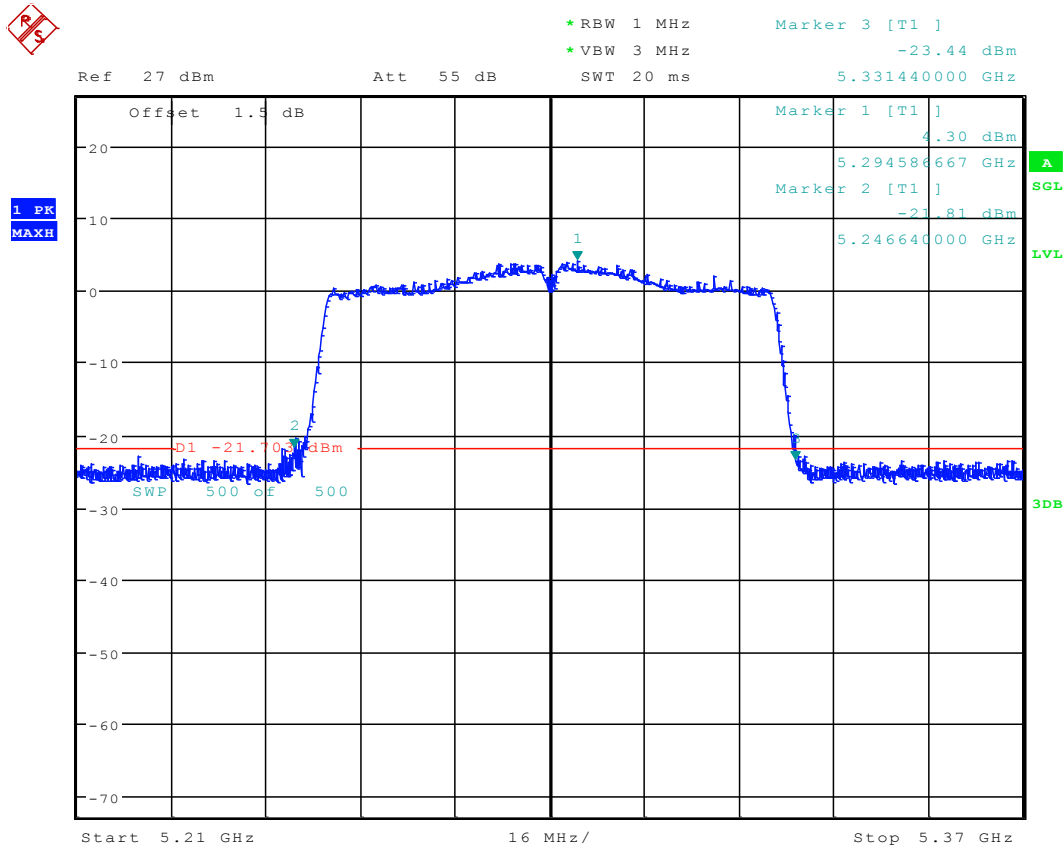
Date: 27.NOV.2015 11:28:29

2.41 11AC80_42 Ant 1



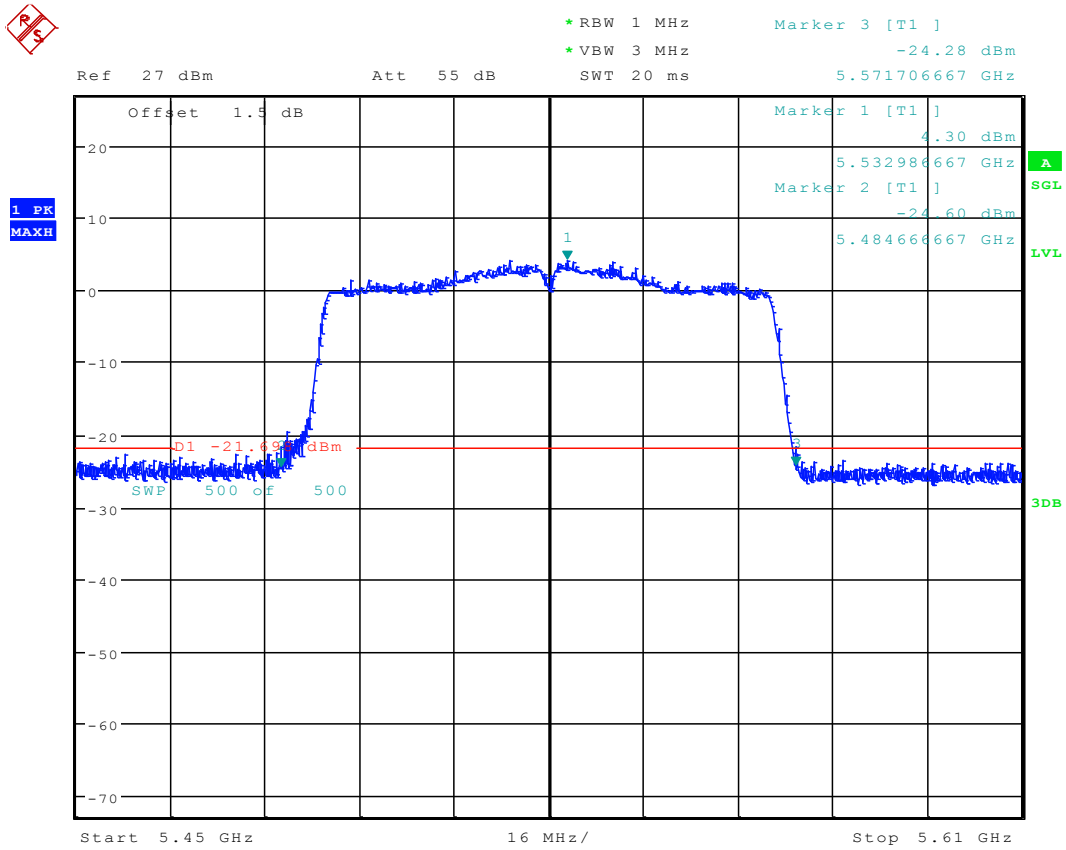
Date: 27.NOV.2015 11:56:13

2.42 11AC80_58 Ant 1

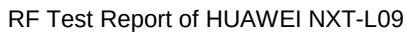


Date: 27.NOV.2015 12:02:15

2.43 11AC80_106 Ant 1



Date: 27.NOV.2015 12:08:33

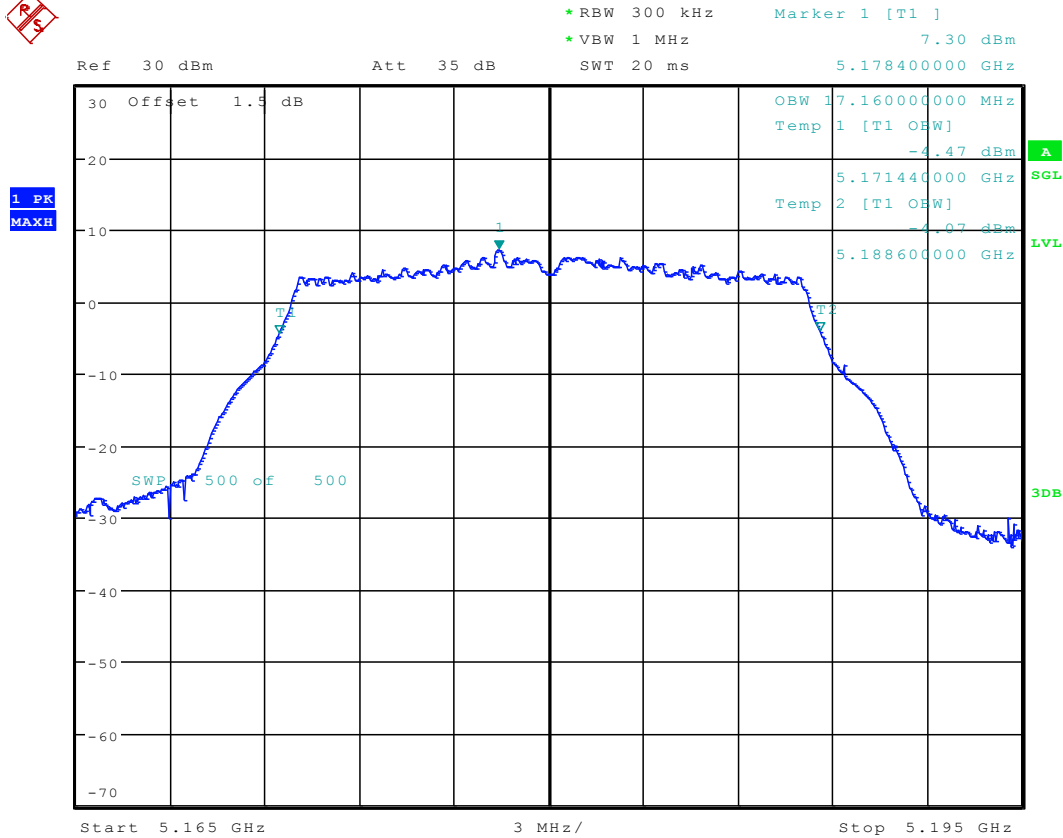


Report No:
SYBH(Z-RF)002112015-2005

Page 48 of 202

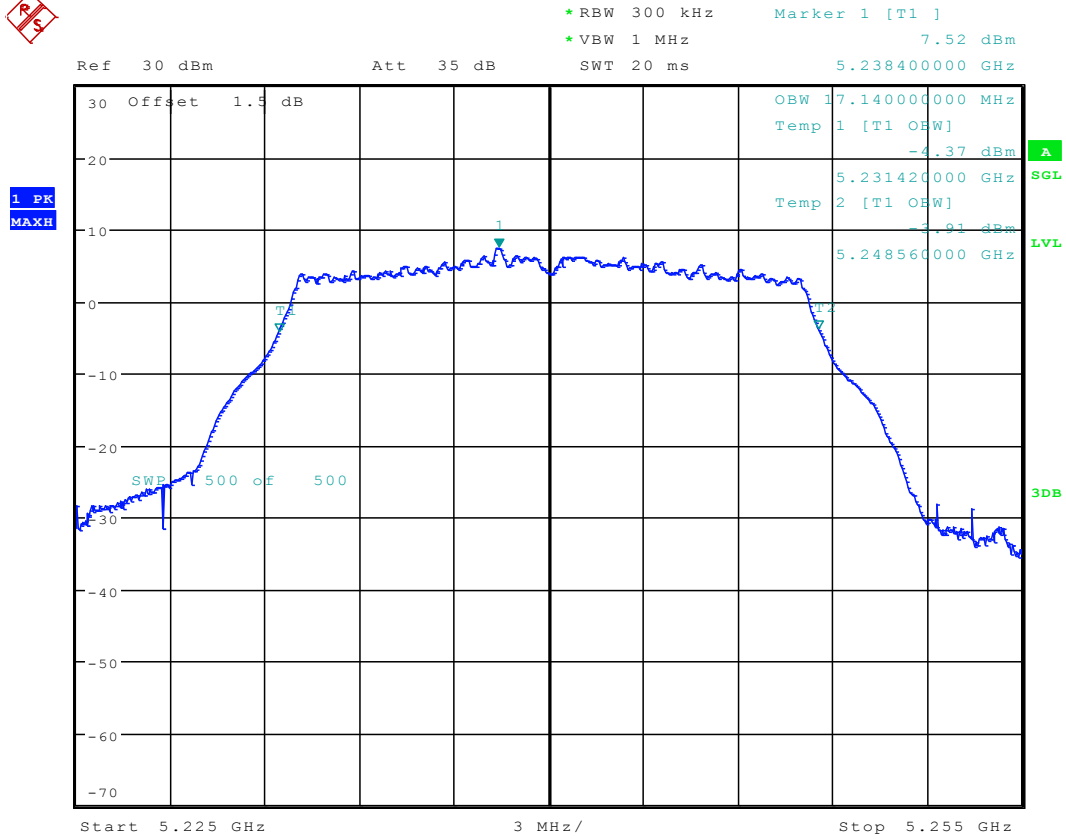
3 Test Plot for Occupied bandwidth

3.1 11A_36 Ant 1



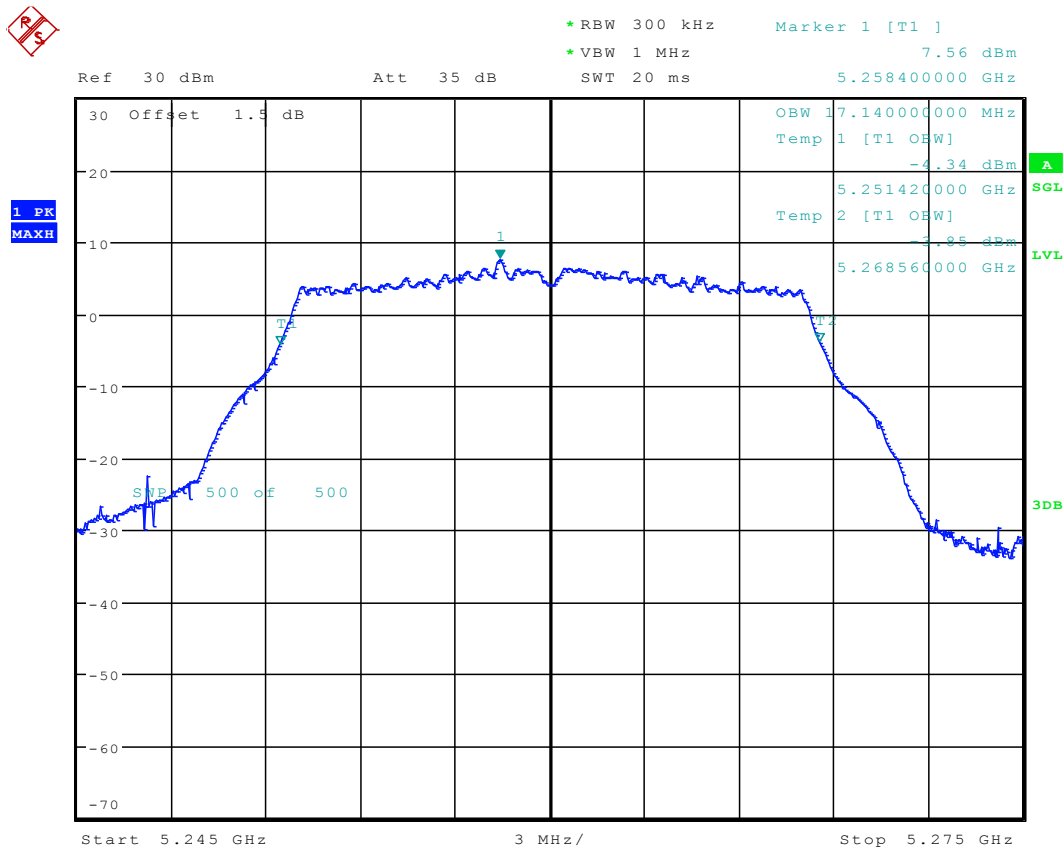
Date: 26.NOV.2015 18:00:43

3.2 11A_48 Ant 1



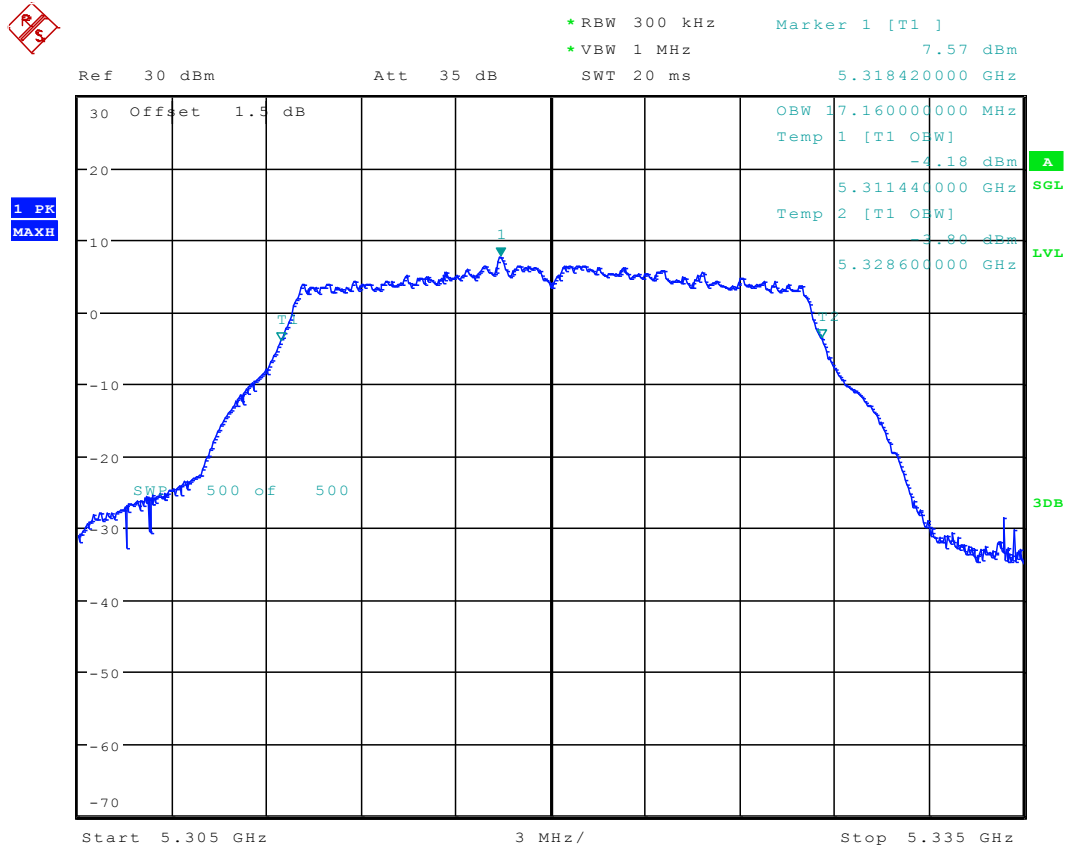
Date: 26.NOV.2015 18:05:27

3.3 11A_52 Ant 1



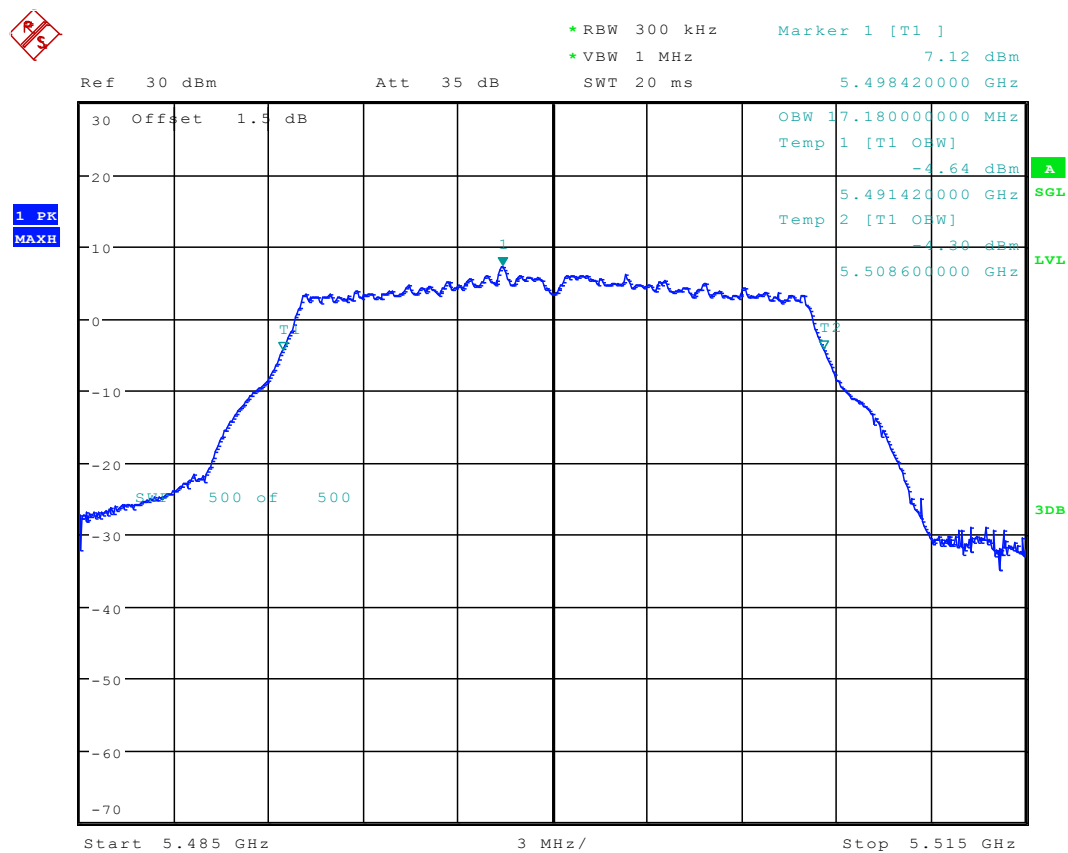
Date: 26.NOV.2015 18:14:48

3.4 11A_64 Ant 1



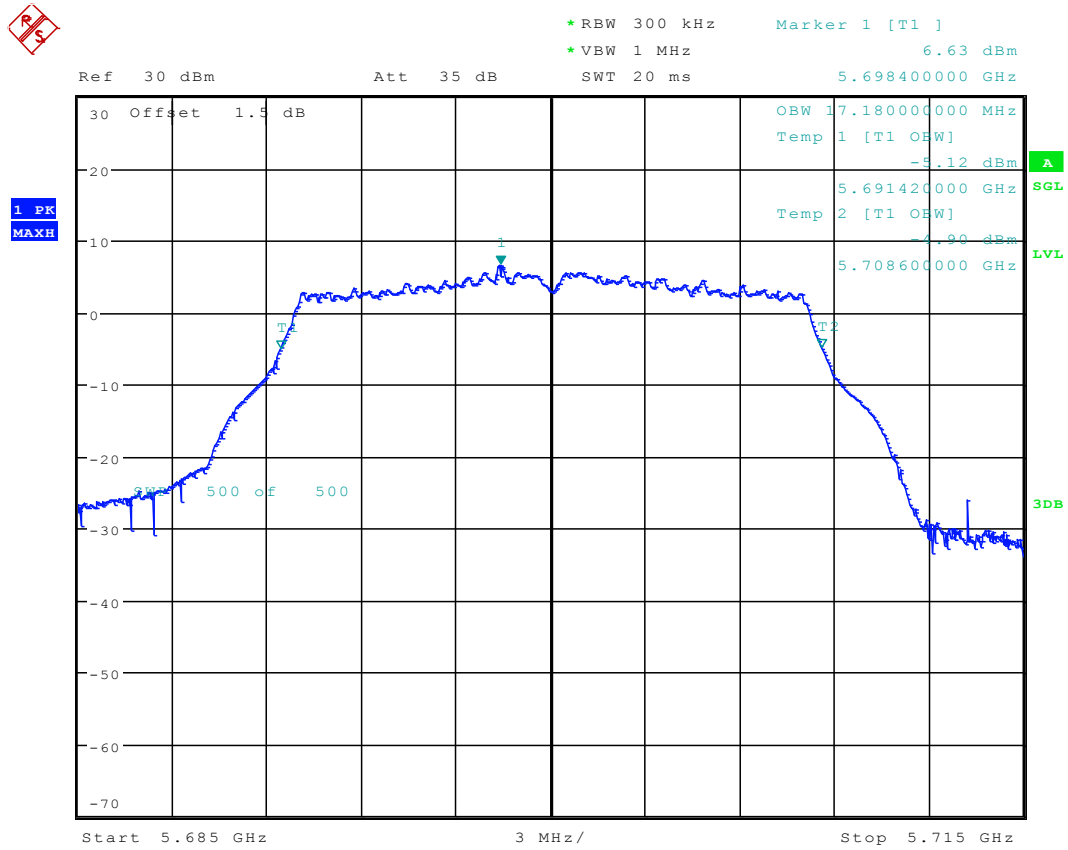
Date: 26.NOV.2015 18:20:28

3.5 11A_100 Ant 1



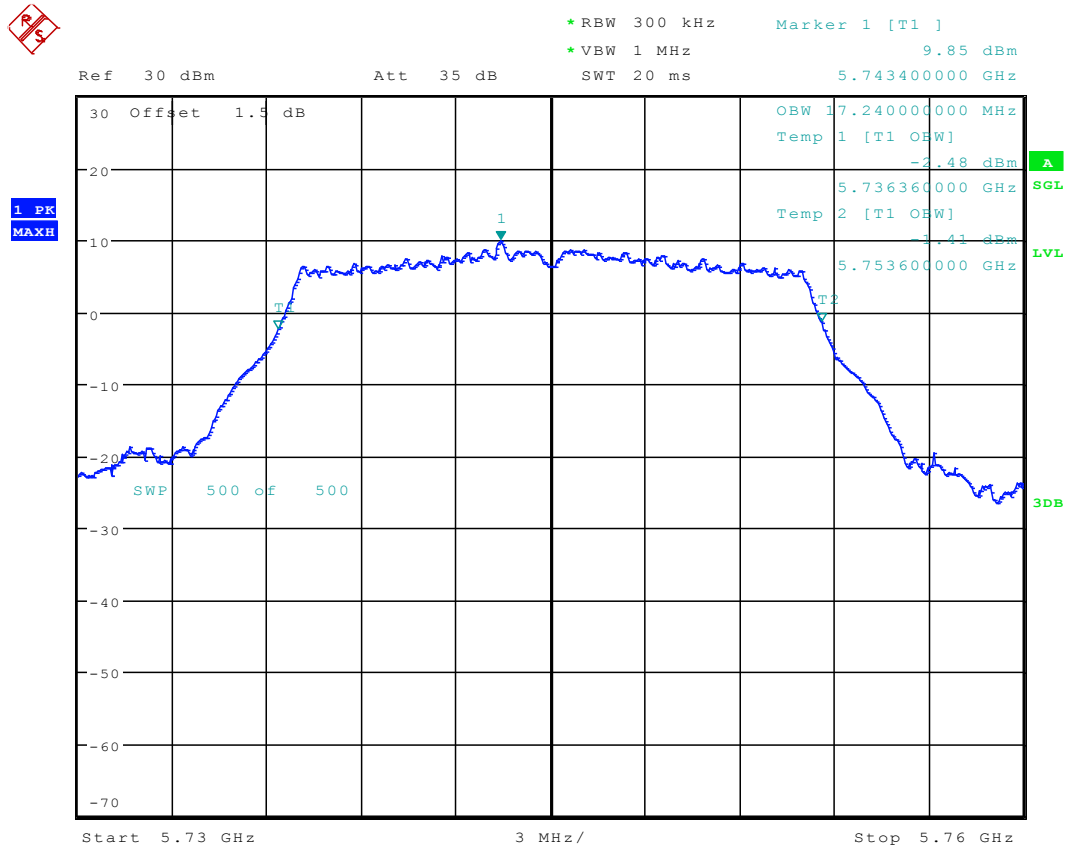
Date: 26.NOV.2015 18:29:18

3.6 11A_140 Ant 1



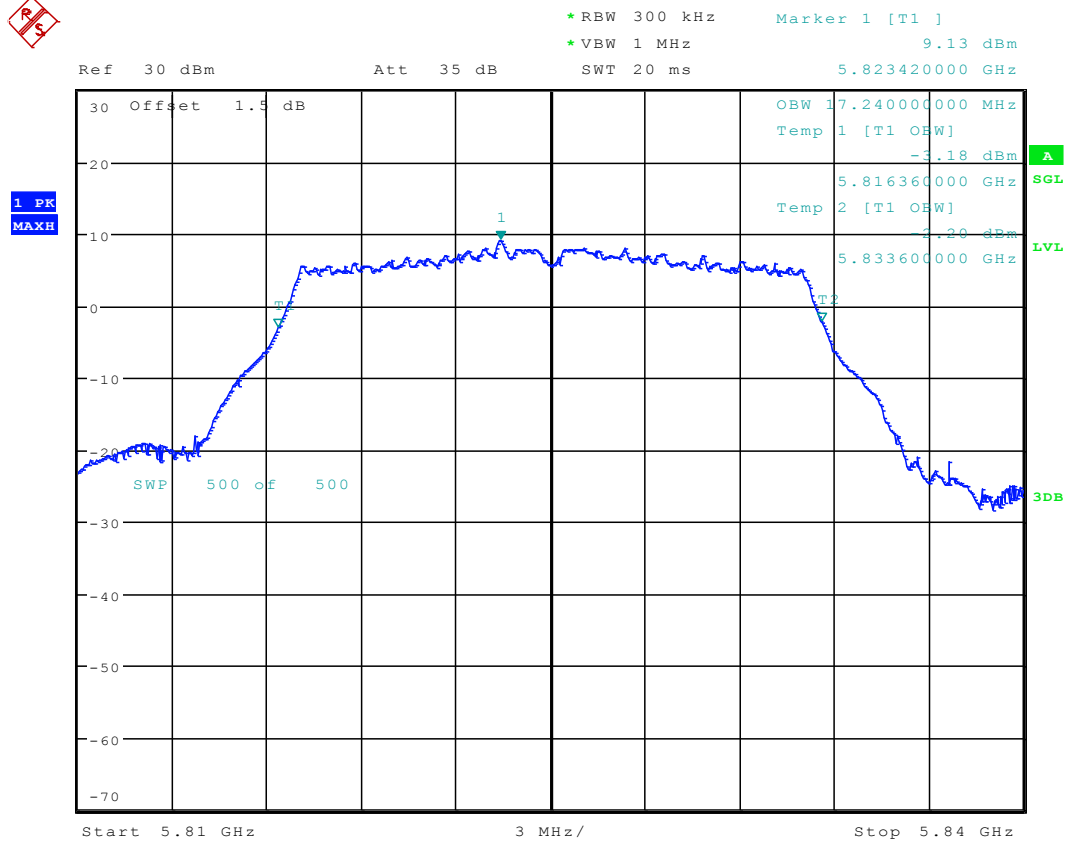
Date: 26.NOV.2015 18:33:46

3.7 11A_149 Ant 1



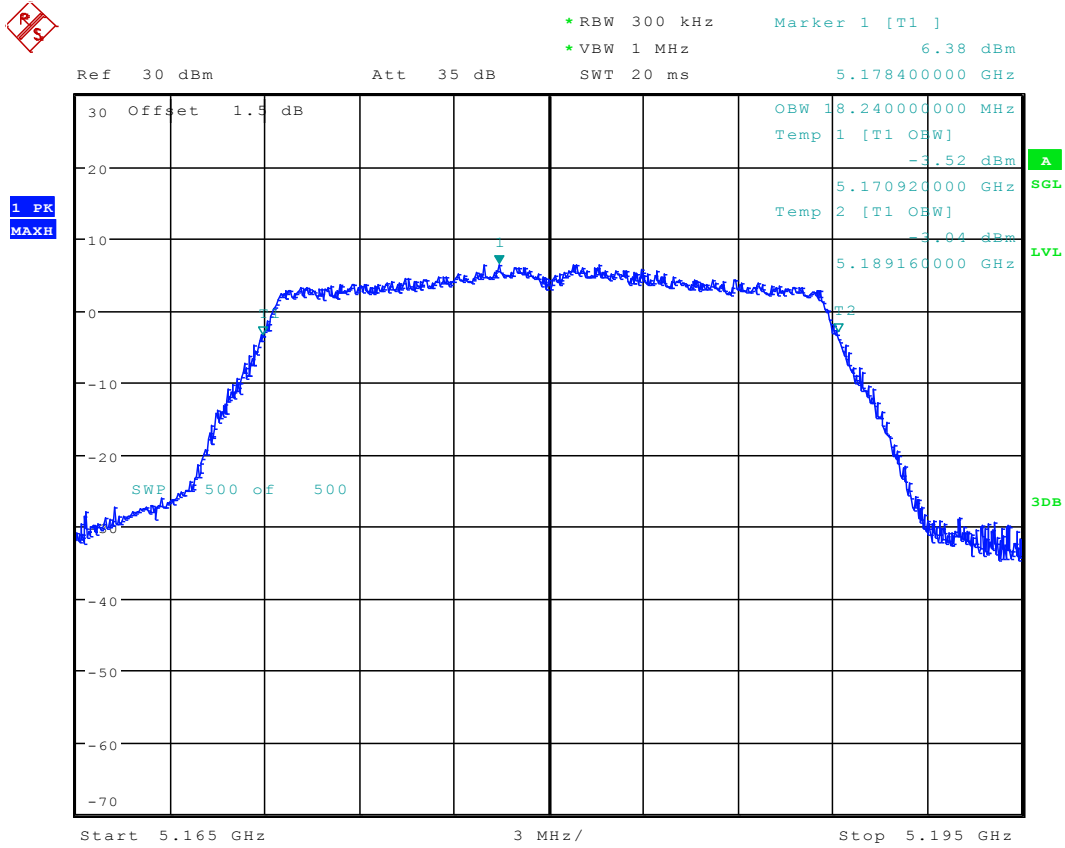
Date: 26.NOV.2015 18:39:31

3.8 11A_165 Ant 1



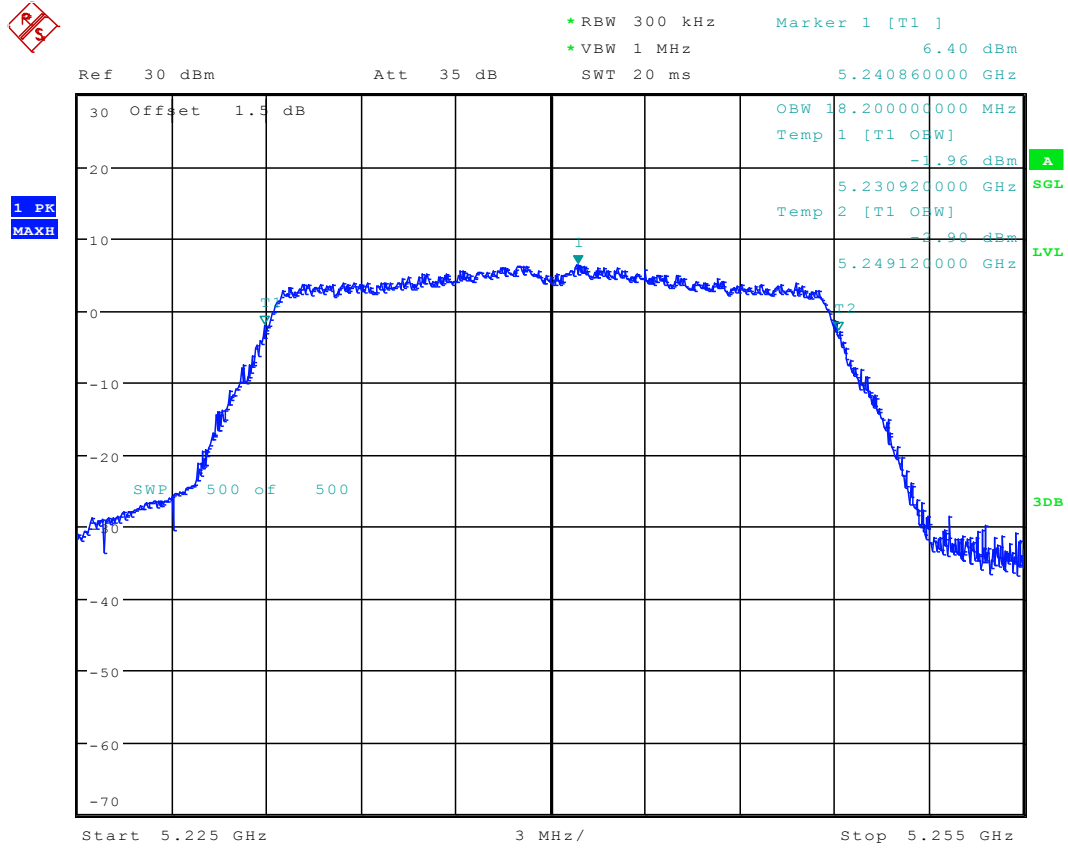
Date: 26.NOV.2015 18:45:01

3.9 11N20_36 Ant 1



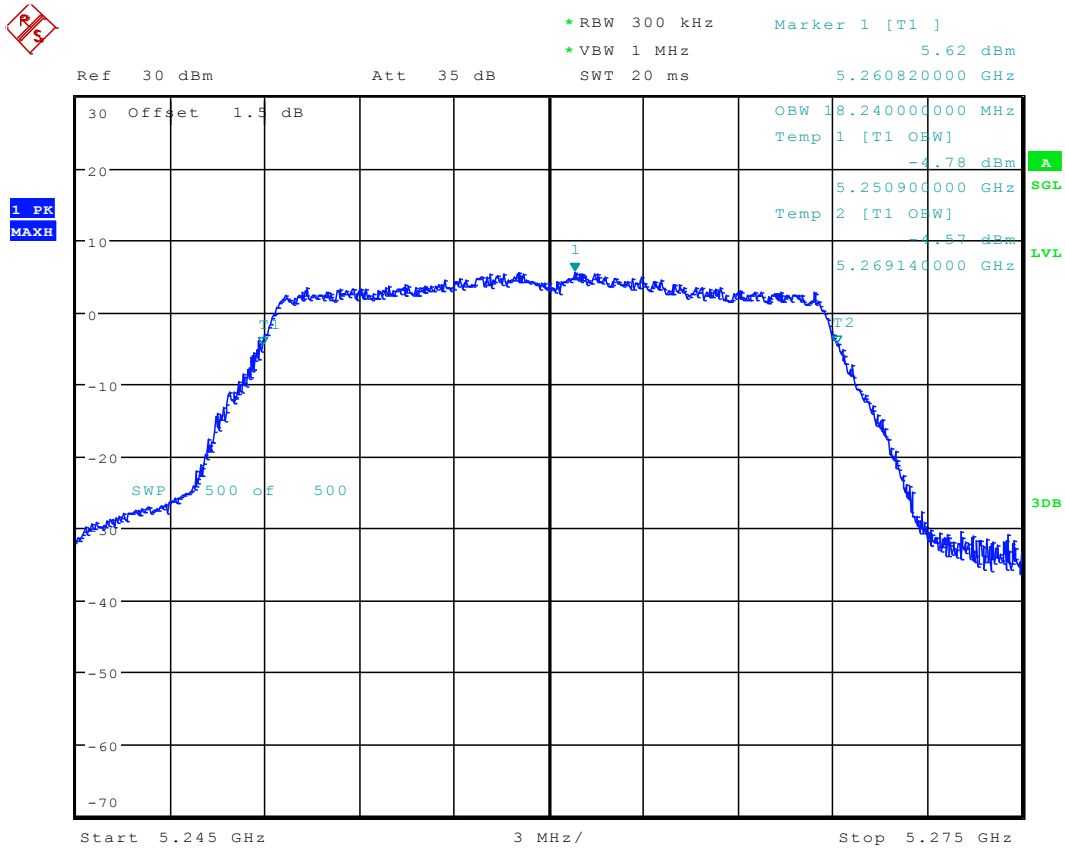
Date: 26.NOV.2015 15:13:11

3.10 11N20_48 Ant 1



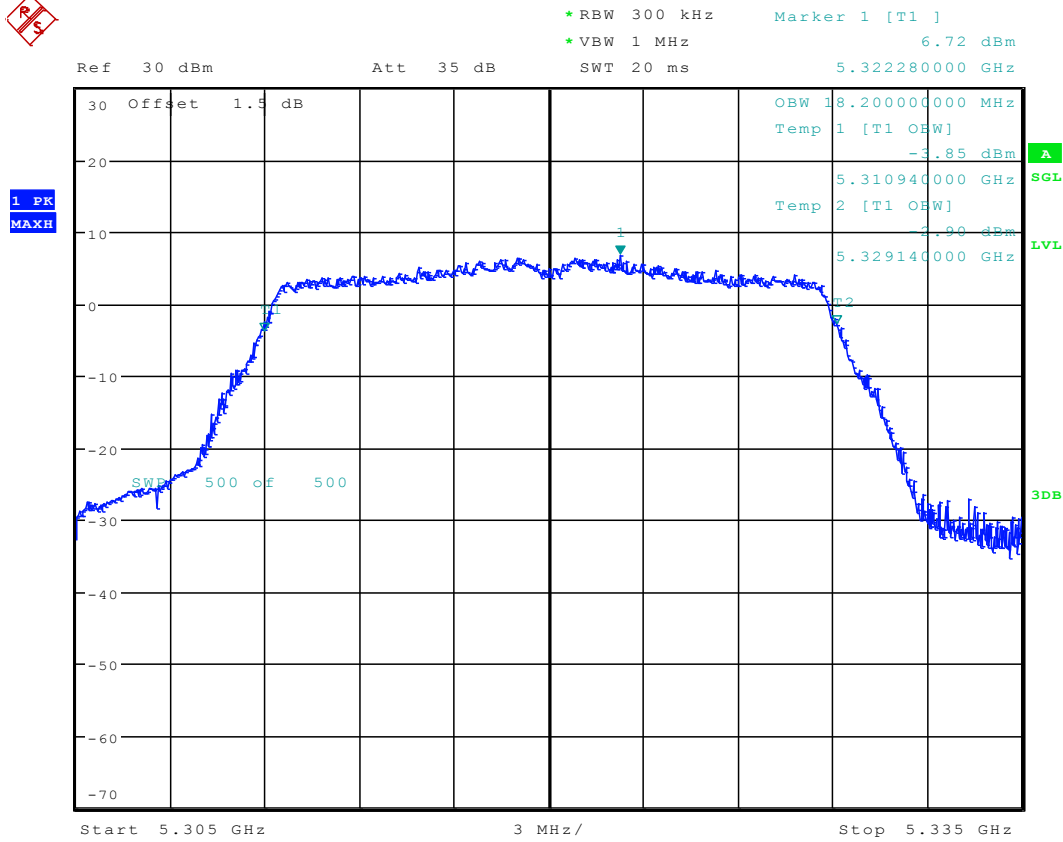
Date: 26.NOV.2015 15:17:55

3.11 11N20_52 Ant 1



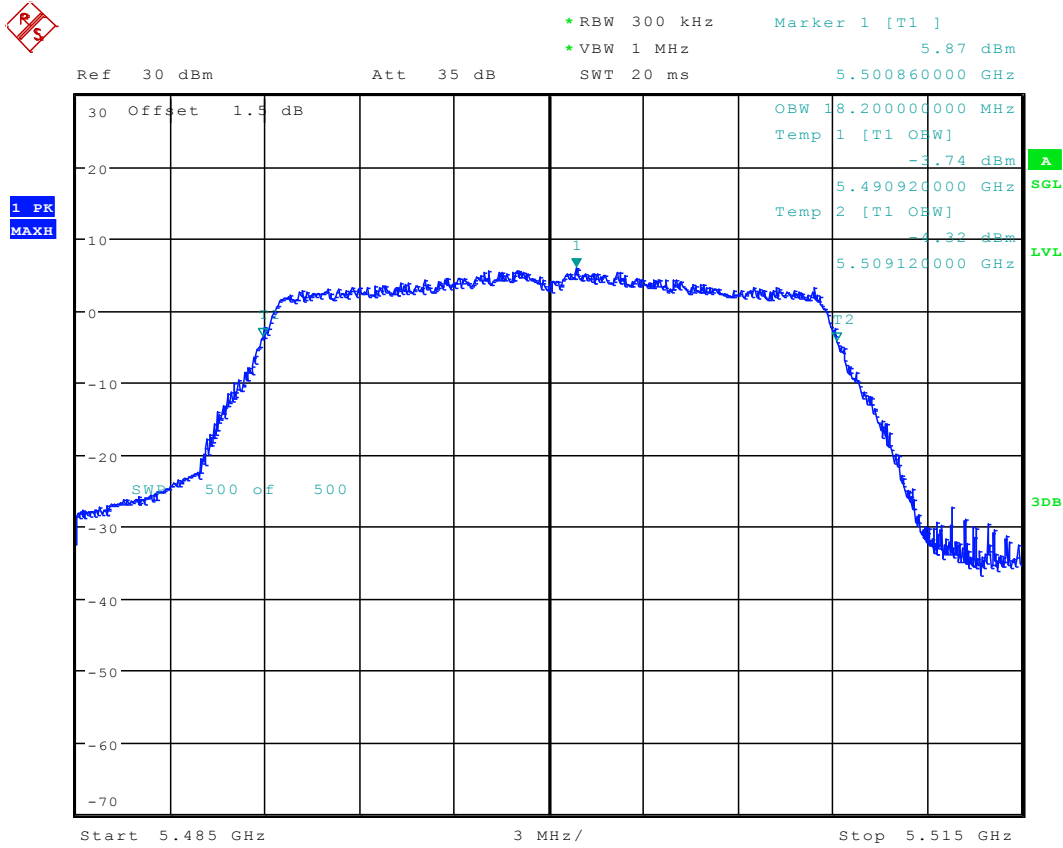
Date: 26.NOV.2015 15:22:57

3.12 11N20_64 Ant 1



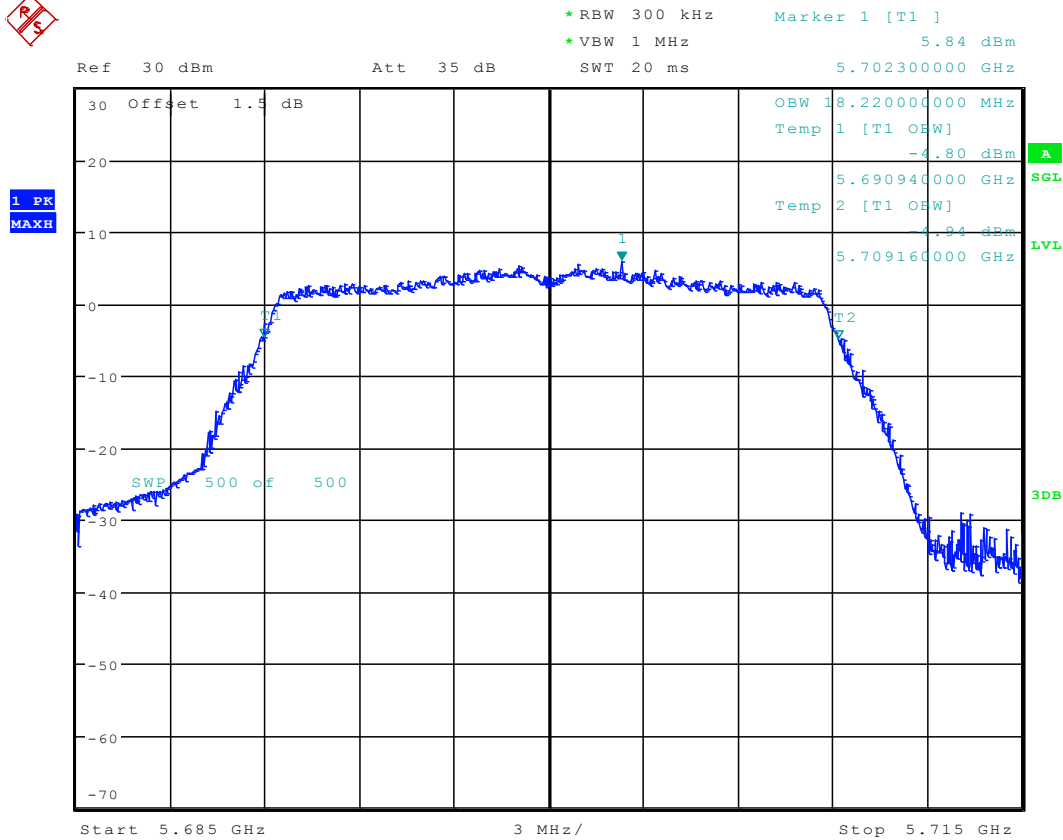
Date: 26.NOV.2015 15:27:40

3.13 11N20_100 Ant 1



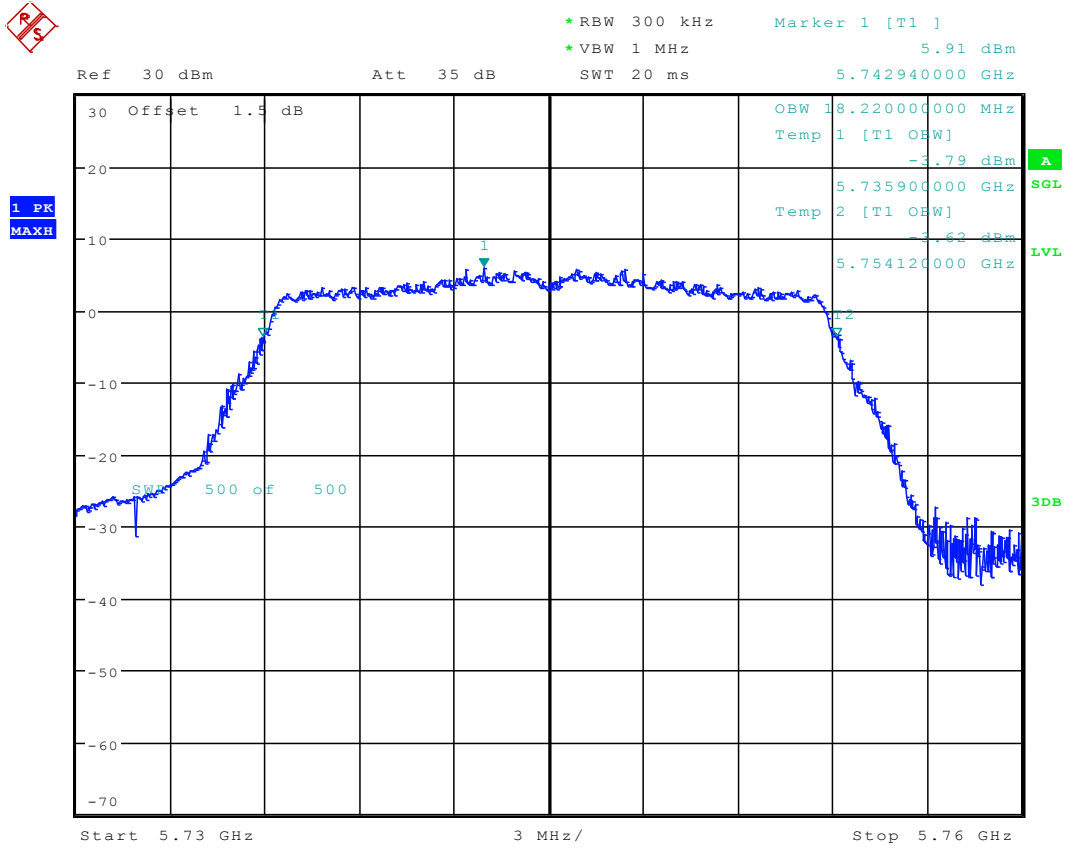
Date: 26.NOV.2015 15:33:32

3.14 11N20_140 Ant 1



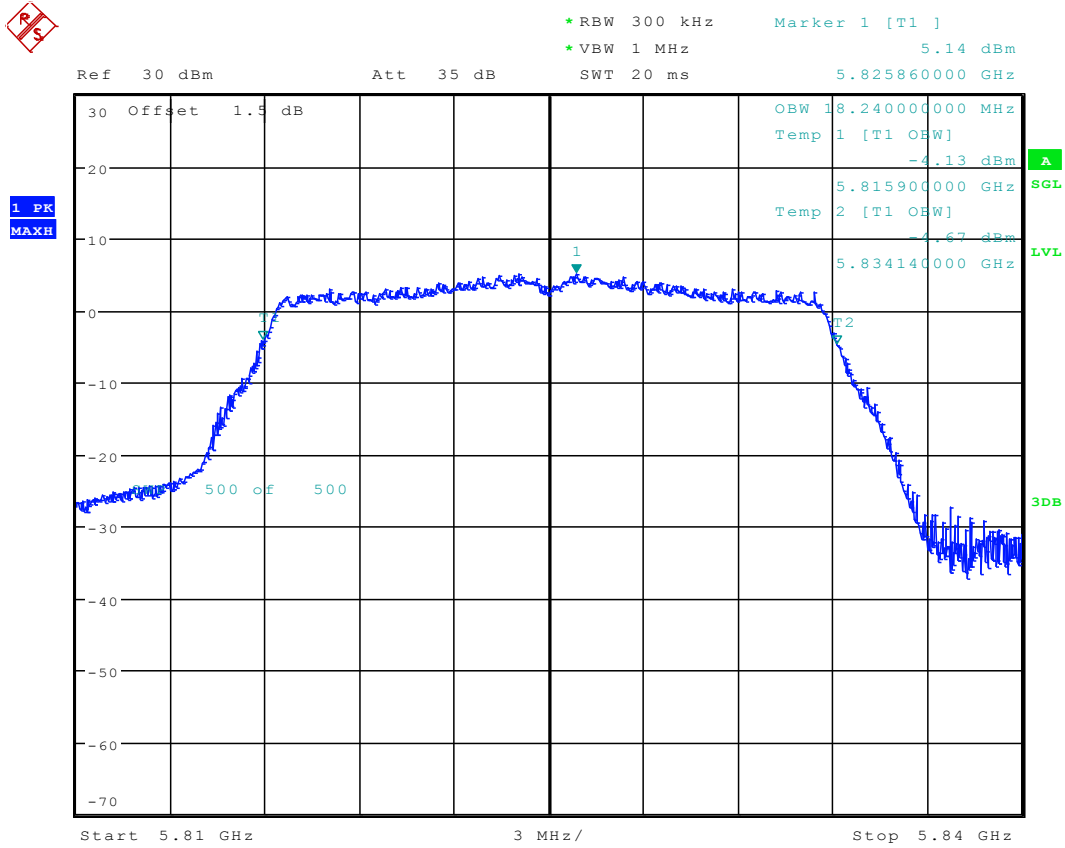
Date: 26.NOV.2015 15:38:24

3.15 11N20_149 Ant 1



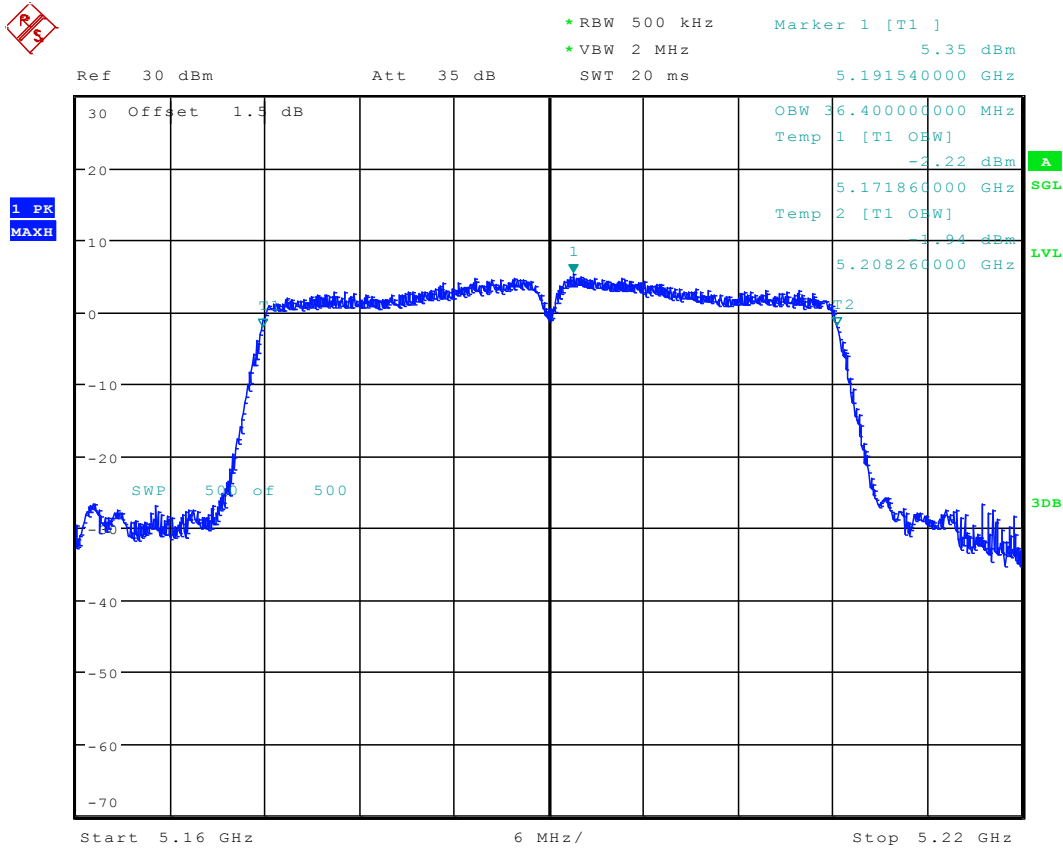
Date: 26.NOV.2015 15:43:09

3.16 11N20_165 Ant 1



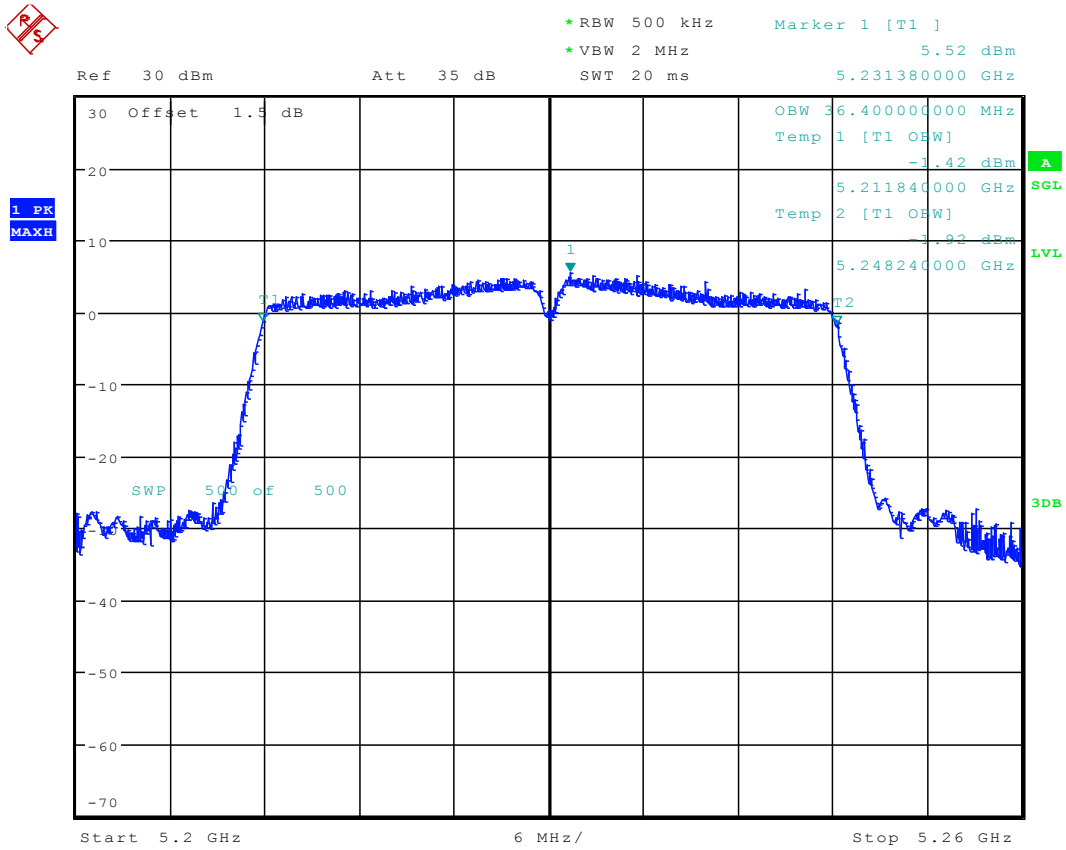
Date: 26.NOV.2015 15:48:57

3.17 11N40_38 Ant 1



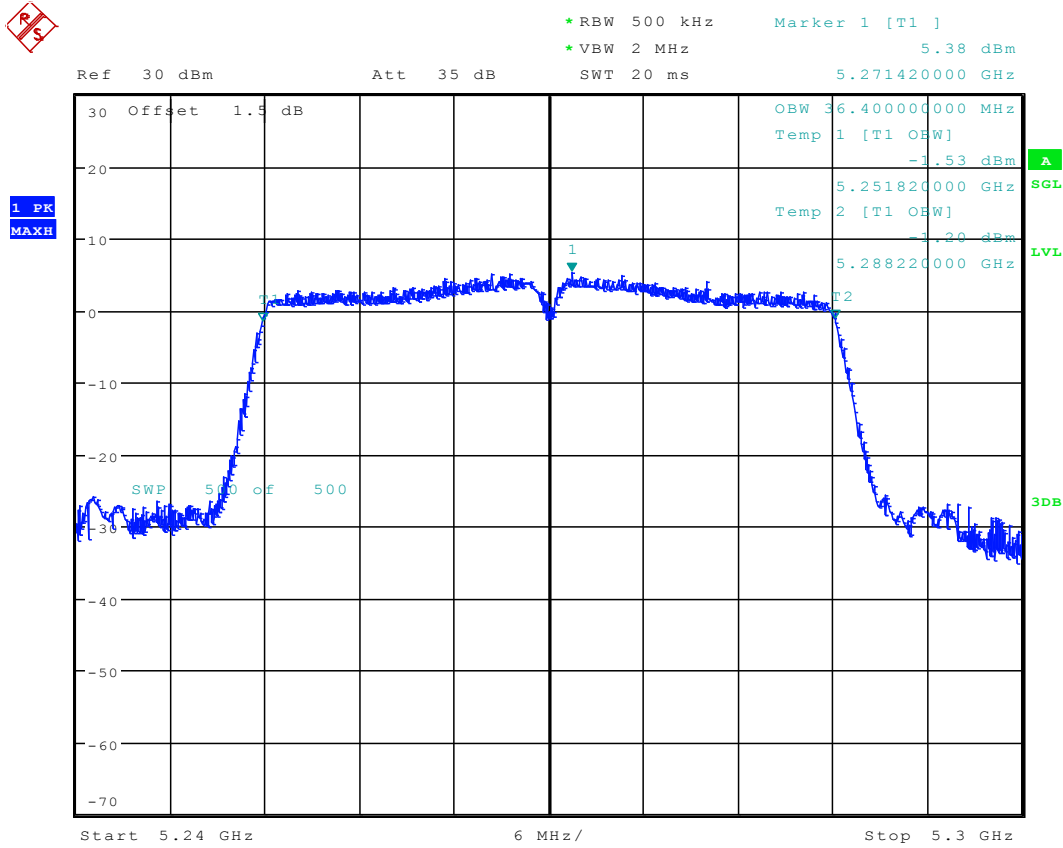
Date: 26.NOV.2015 15:54:49

3.18 11N40_46 Ant 1



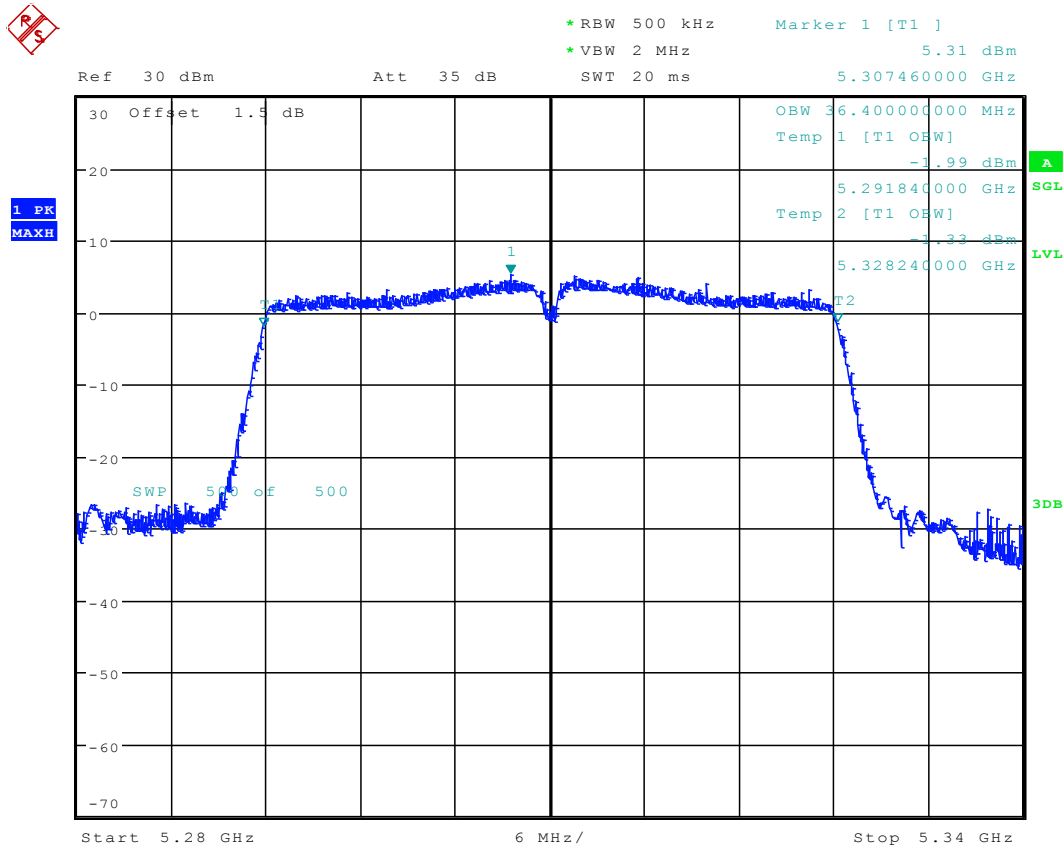
Date: 26.NOV.2015 17:20:40

3.19 11N40_54 Ant 1



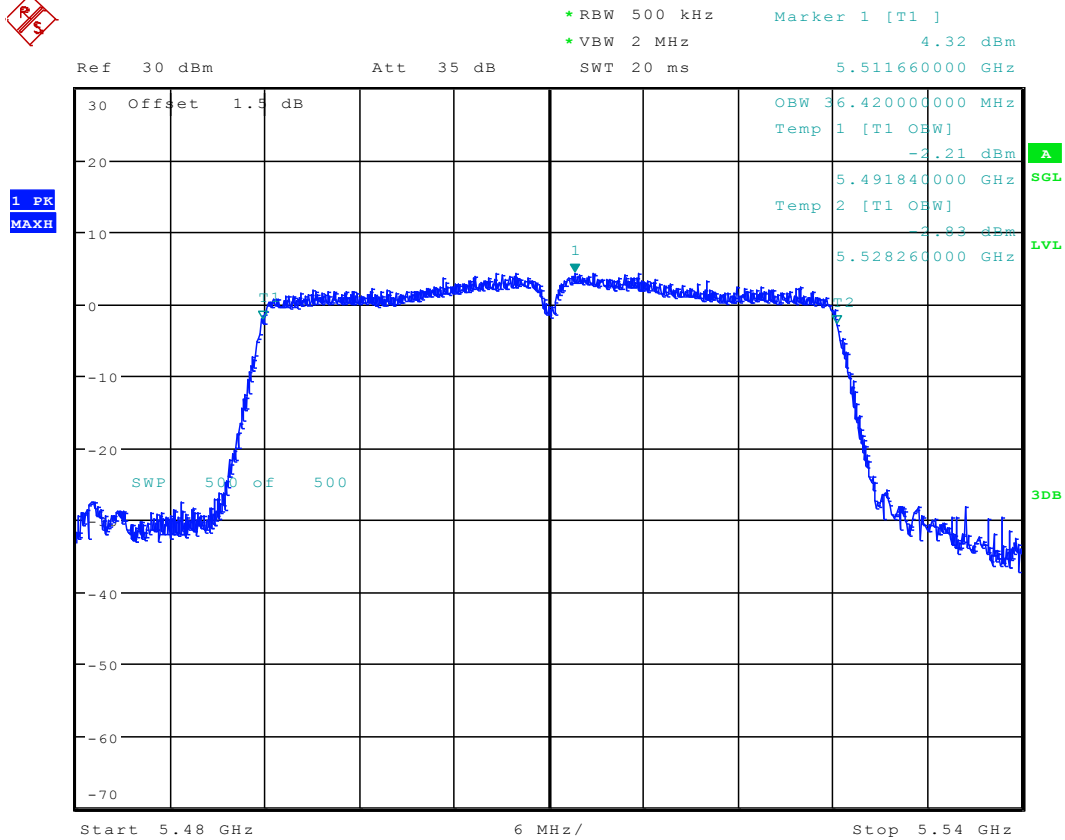
Date: 26.NOV.2015 17:24:27

3.20 11N40_62 Ant 1



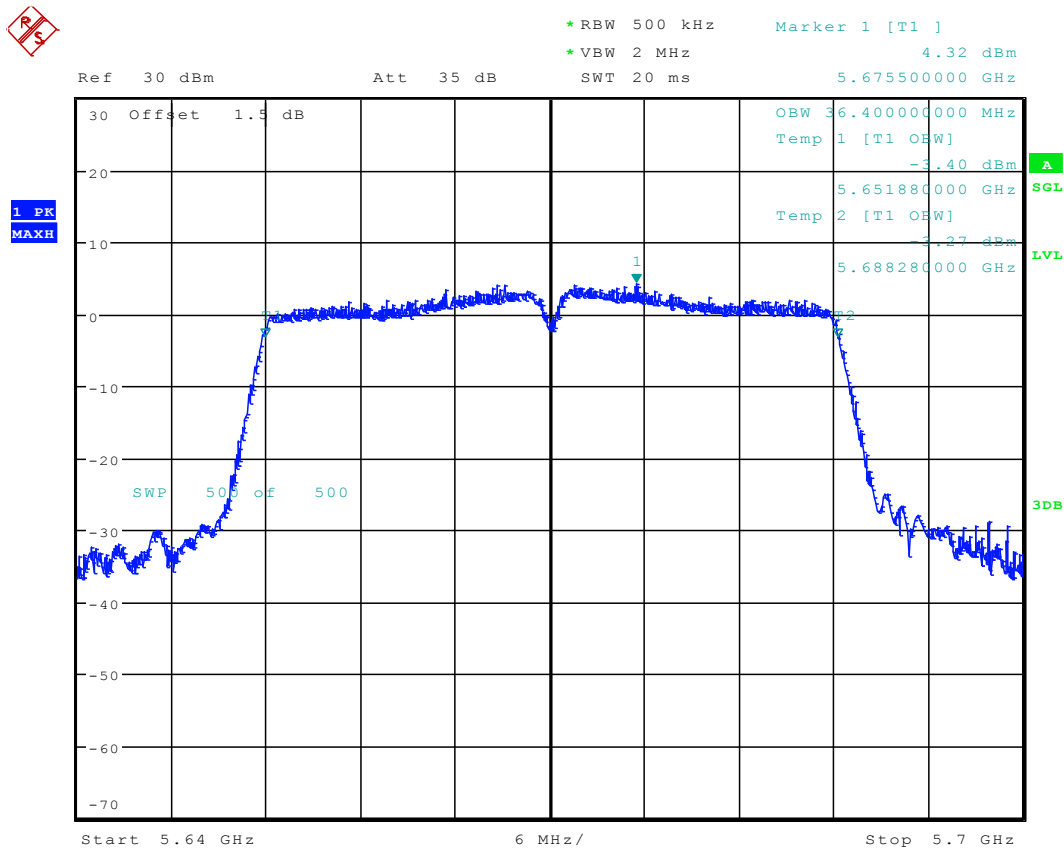
Date: 26.NOV.2015 17:31:21

3.21 11N40_102 Ant 1



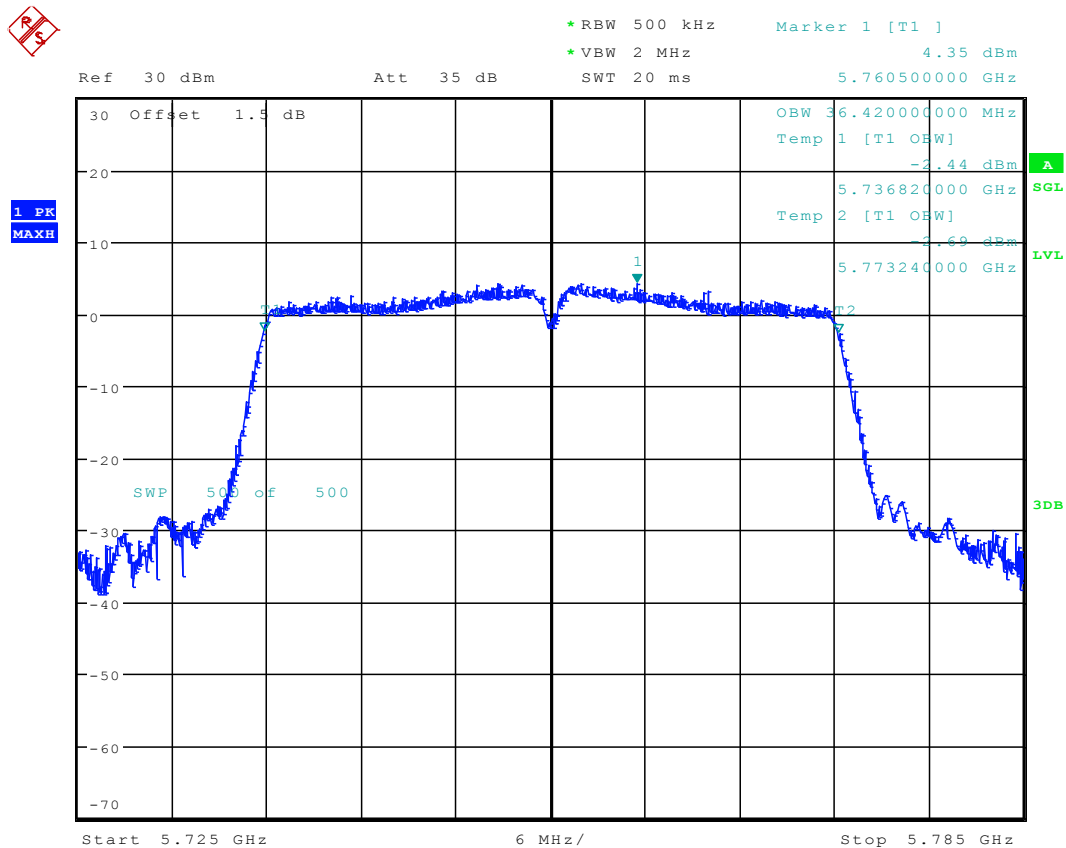
Date: 26.NOV.2015 17:36:21

3.22 11N40_134 Ant 1



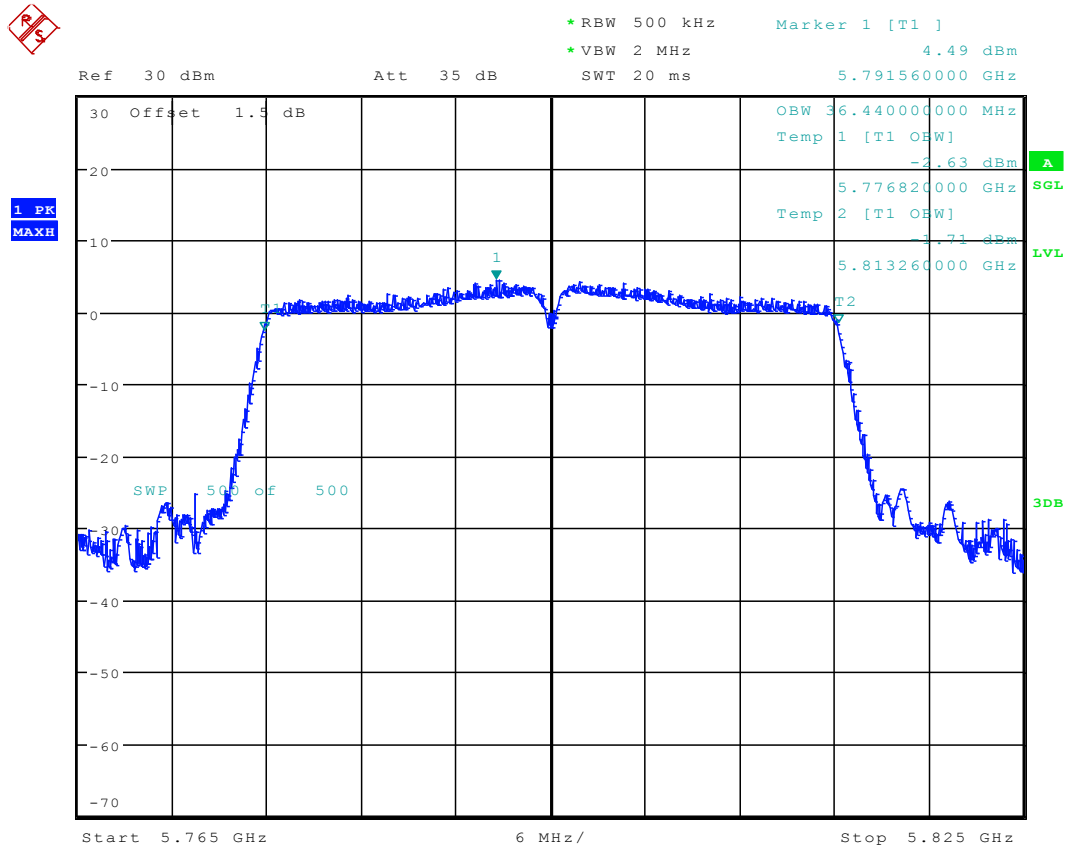
Date: 26.NOV.2015 17:39:26

3.23 11N40_151 Ant 1



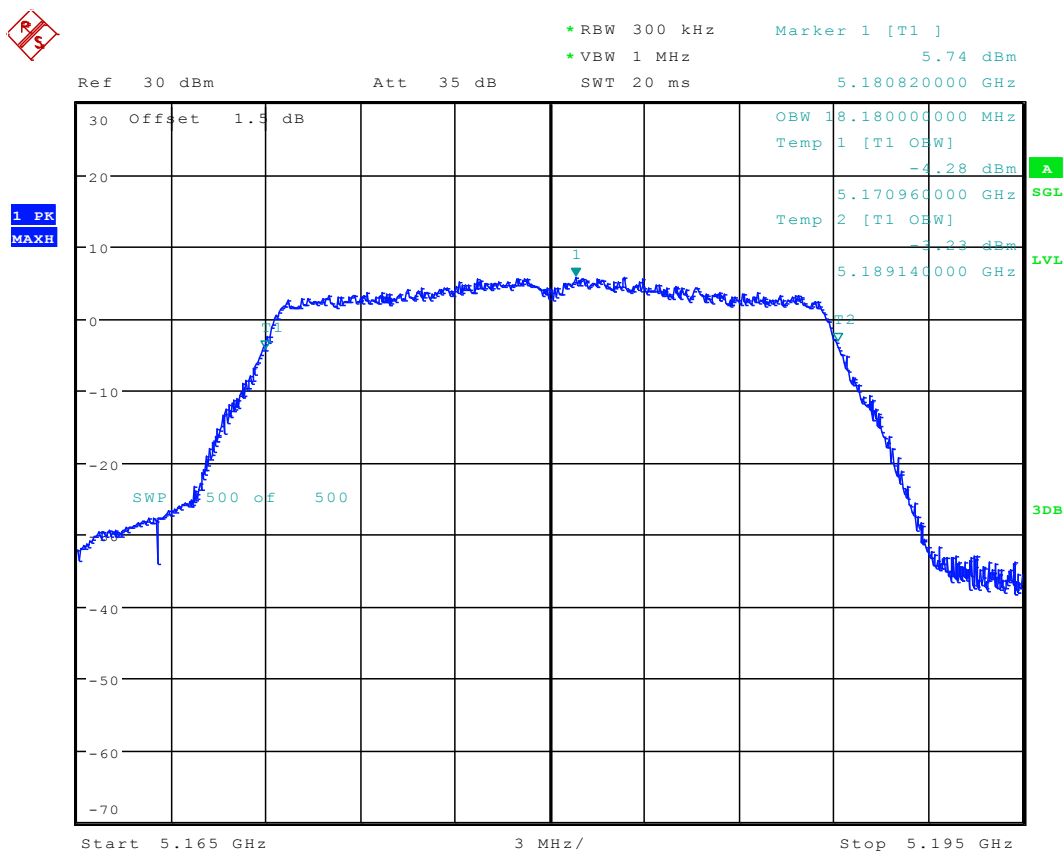
Date: 26.NOV.2015 17:43:27

3.24 11N40_159 Ant 1



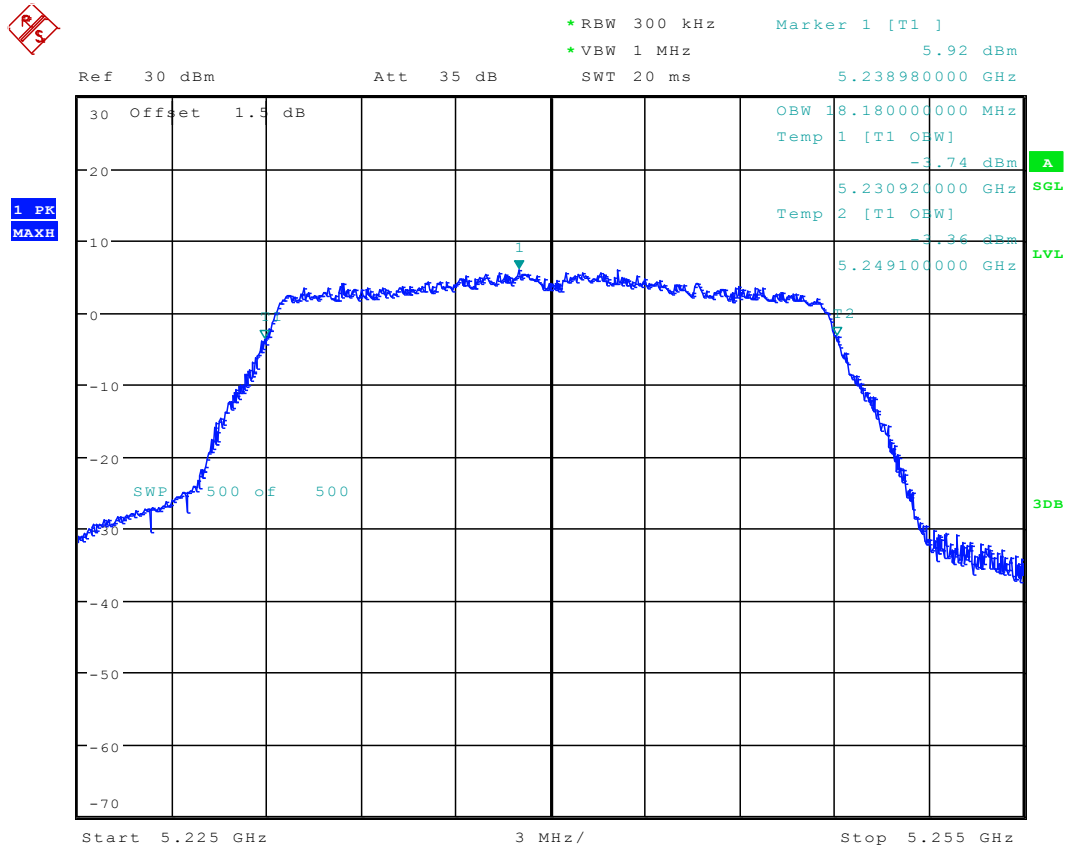
Date: 26.NOV.2015 17:50:41

3.25 11AC20_36 Ant 1



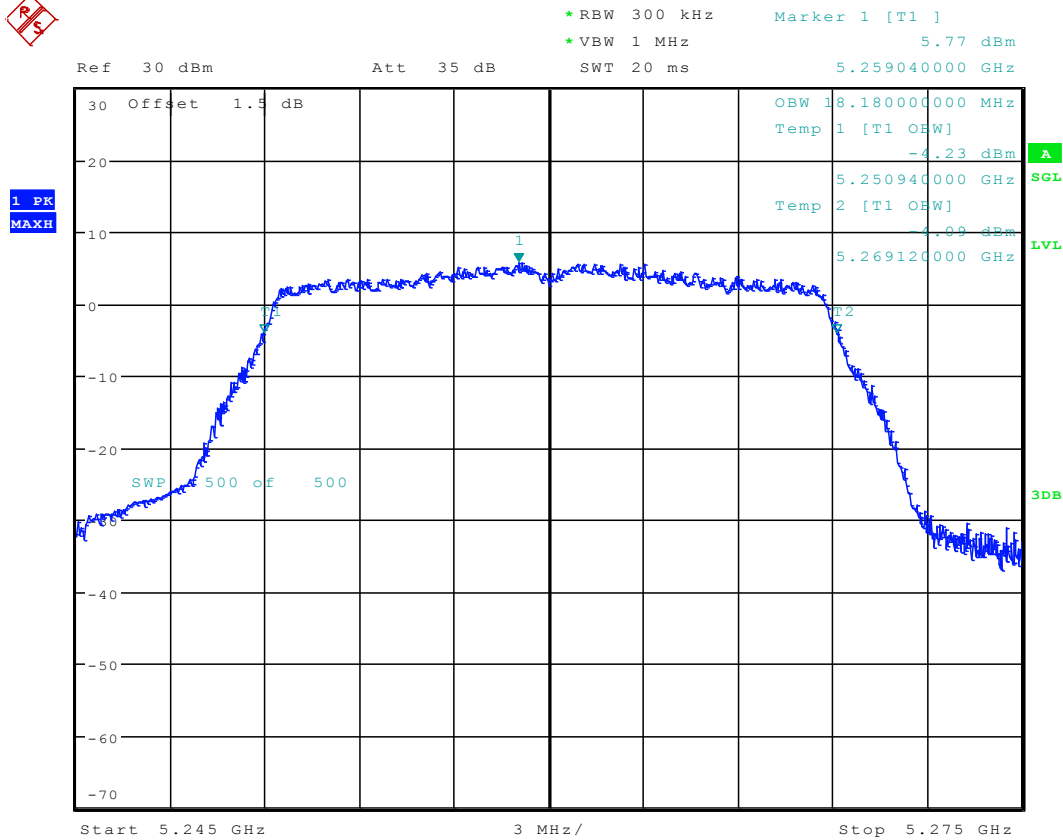
Date: 27.NOV.2015 09:47:03

3.26 11AC20_48 Ant 1



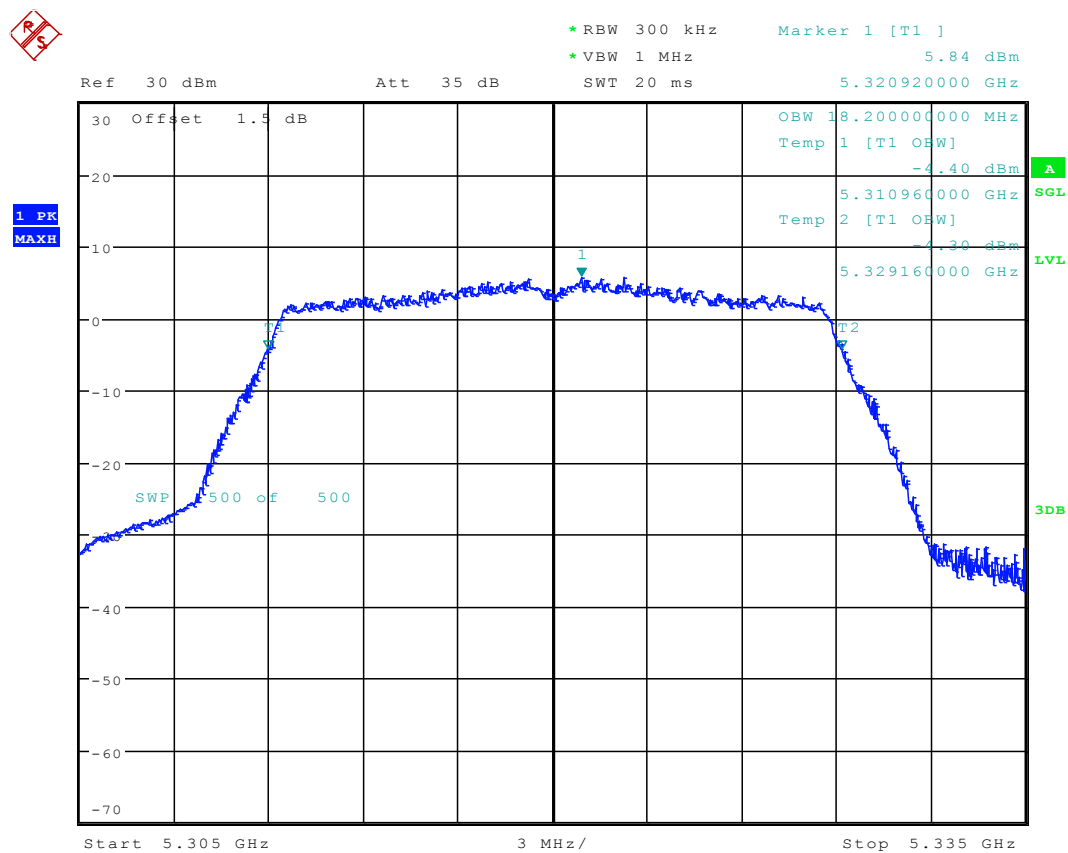
Date: 27.NOV.2015 09:53:12

3.27 11AC20_52 Ant 1

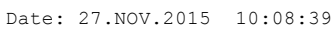
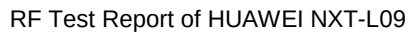


Date: 27.NOV.2015 09:59:03

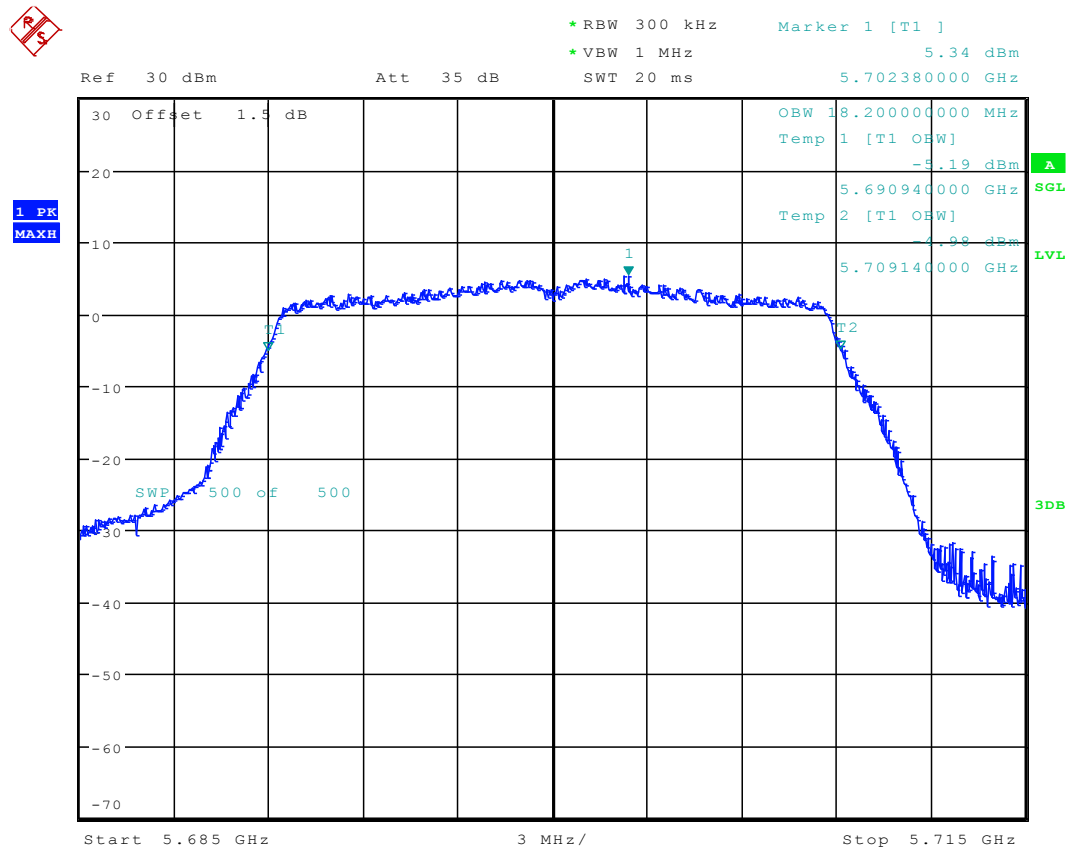
3.28 11AC20_64 Ant 1



Date: 27.NOV.2015 10:03:55

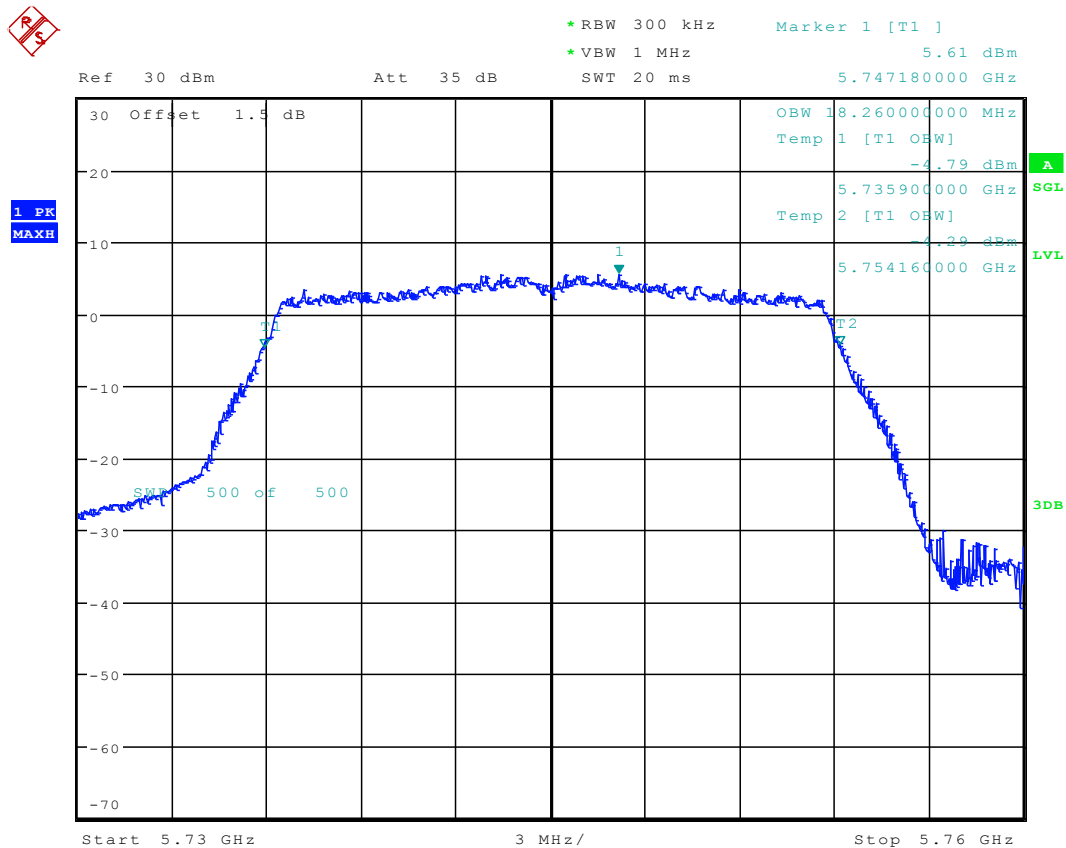


3.30 11AC20_140 Ant 1



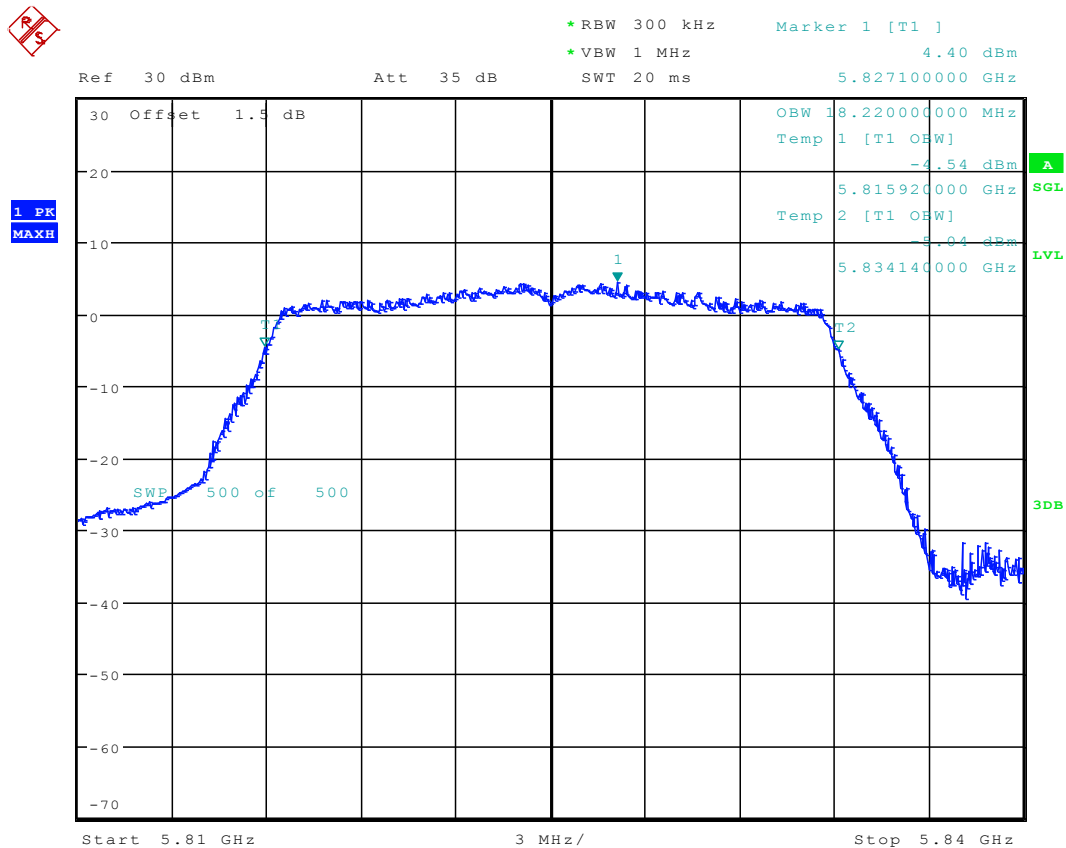
Date: 27.NOV.2015 10:13:22

3.31 11AC20_149 Ant 1



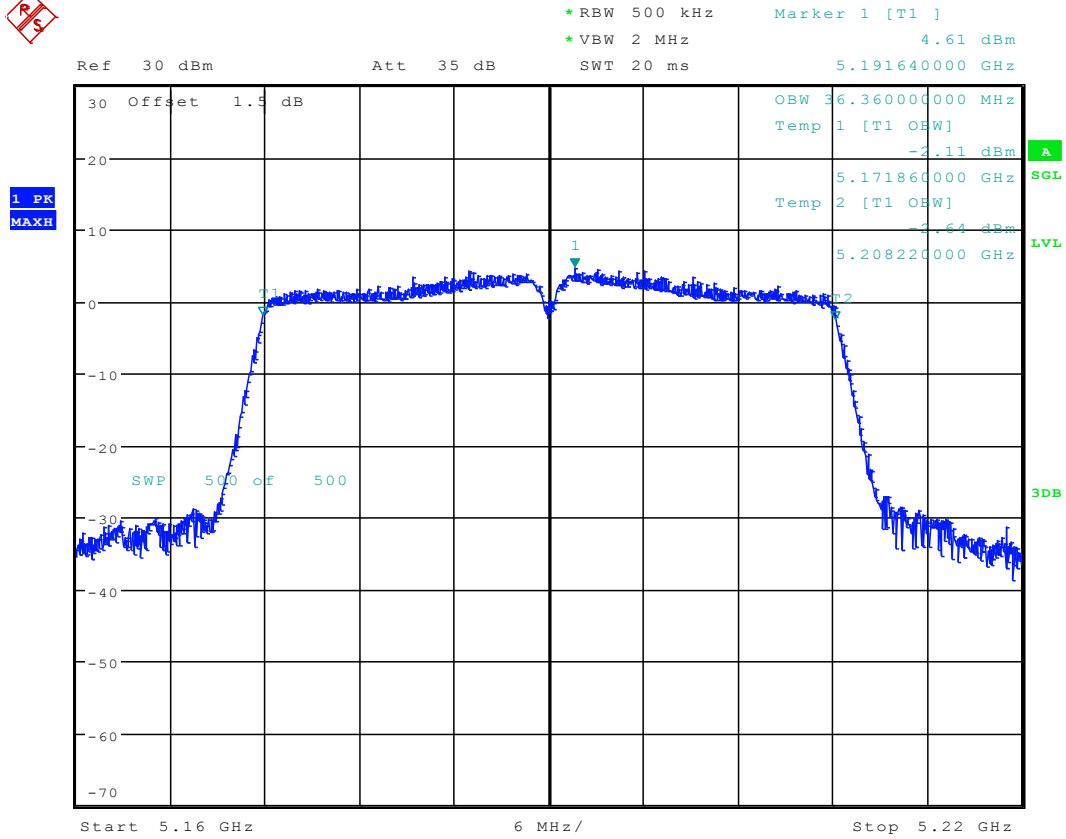
Date: 27.NOV.2015 10:19:33

3.32 11AC20_165 Ant 1



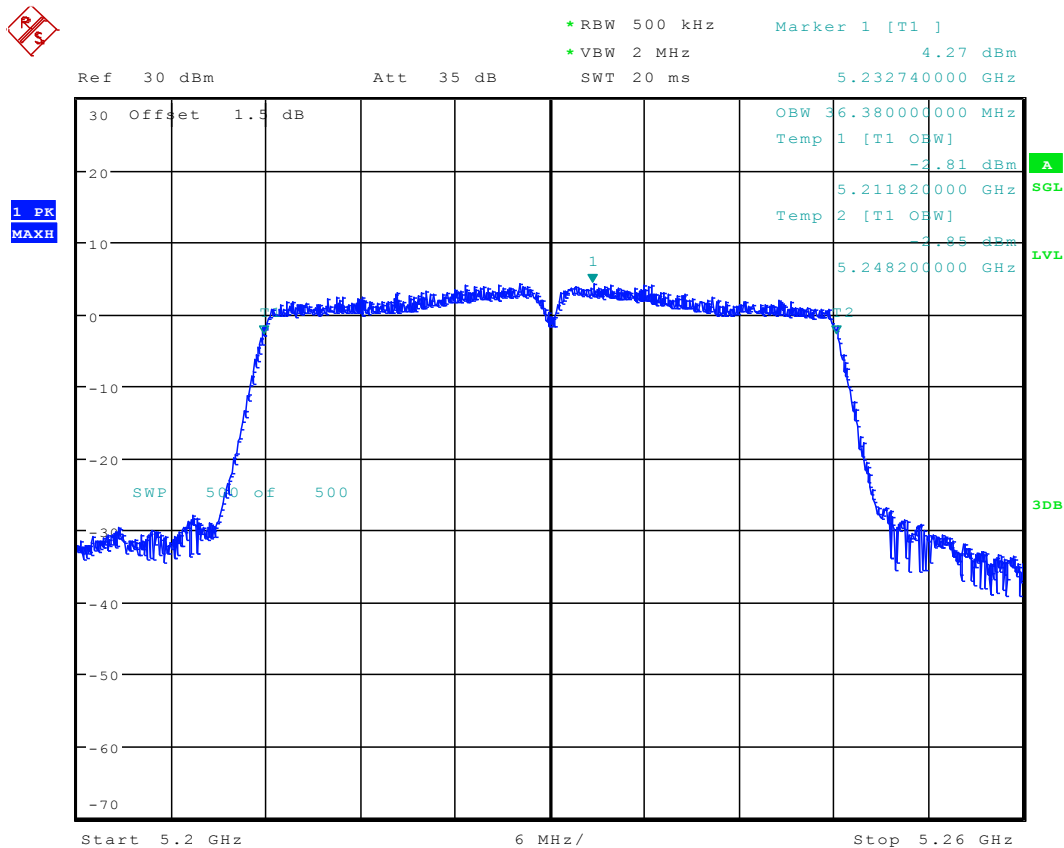
Date: 27.NOV.2015 10:28:33

3.33 11AC40_38 Ant 1



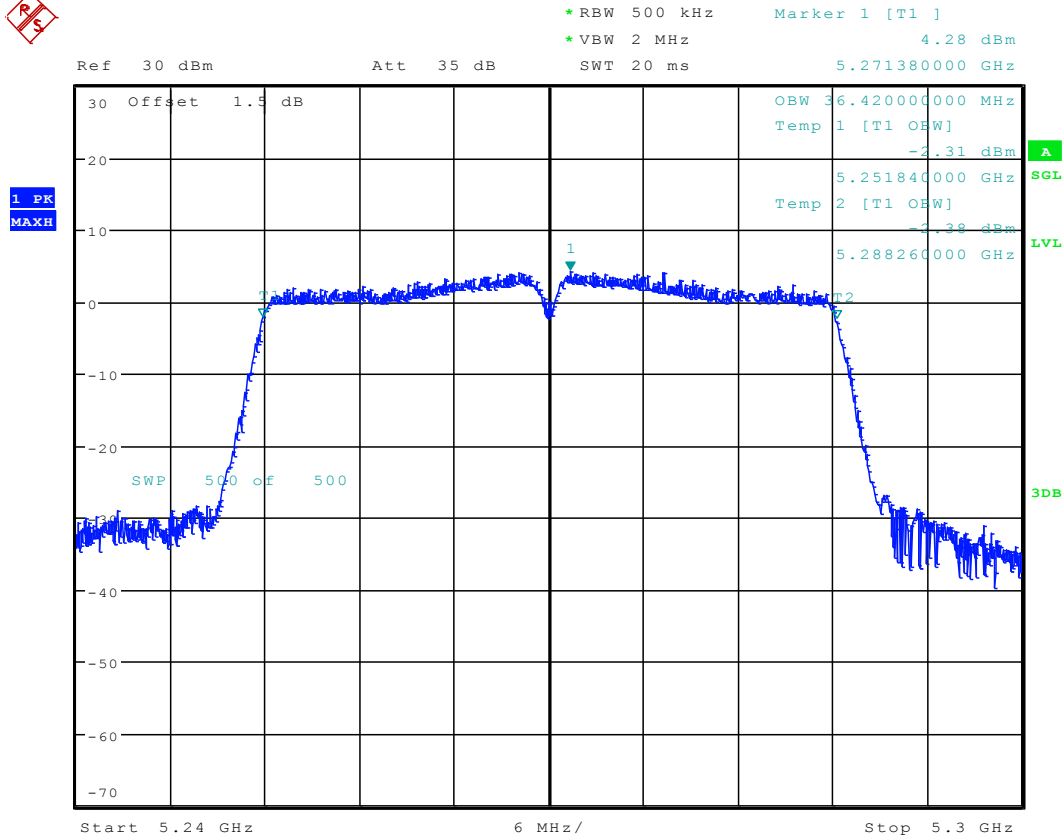
Date: 27.NOV.2015 10:35:43

3.34 11AC40_46 Ant 1



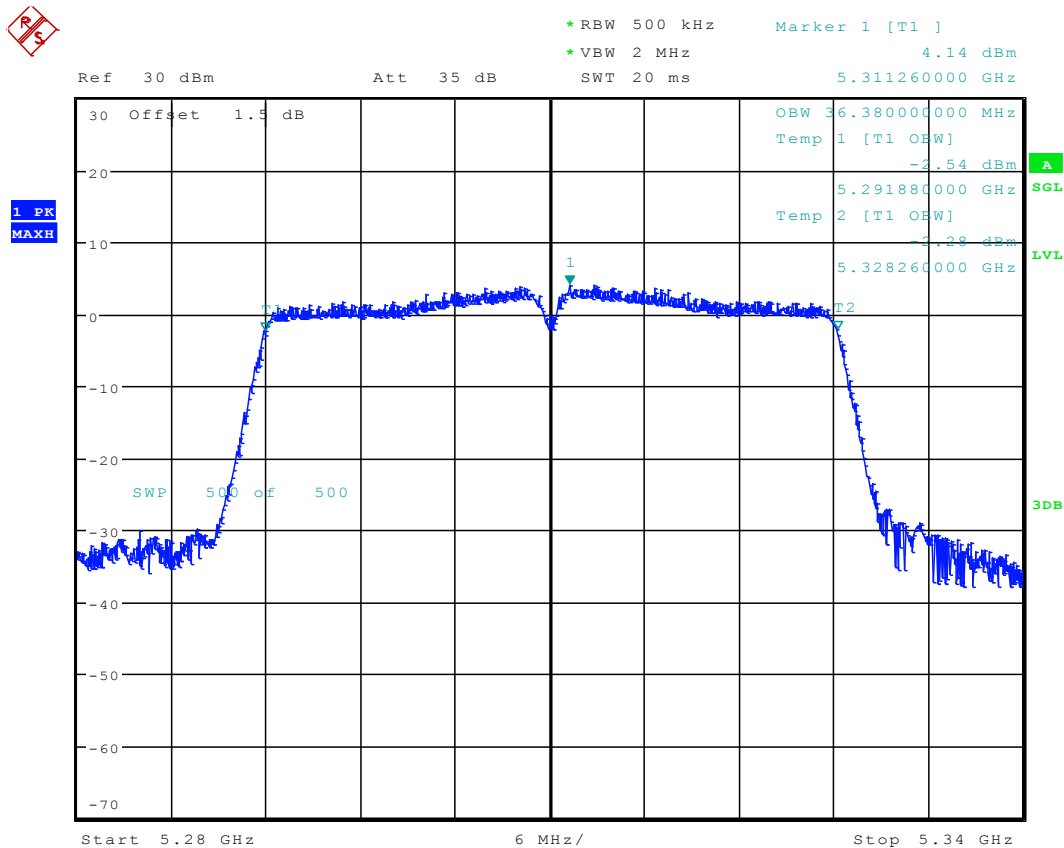
Date: 27.NOV.2015 10:40:33

3.35 11AC40_54 Ant 1



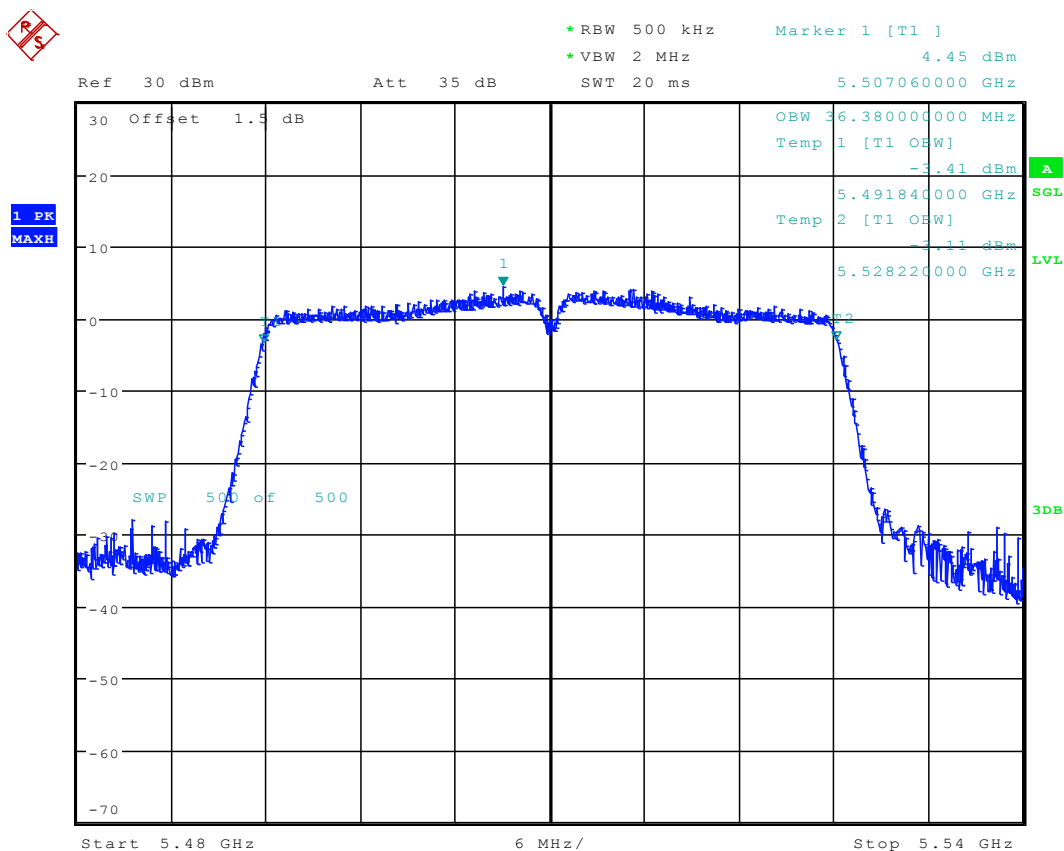
Date: 27.NOV.2015 10:47:37

3.36 11AC40_62 Ant 1



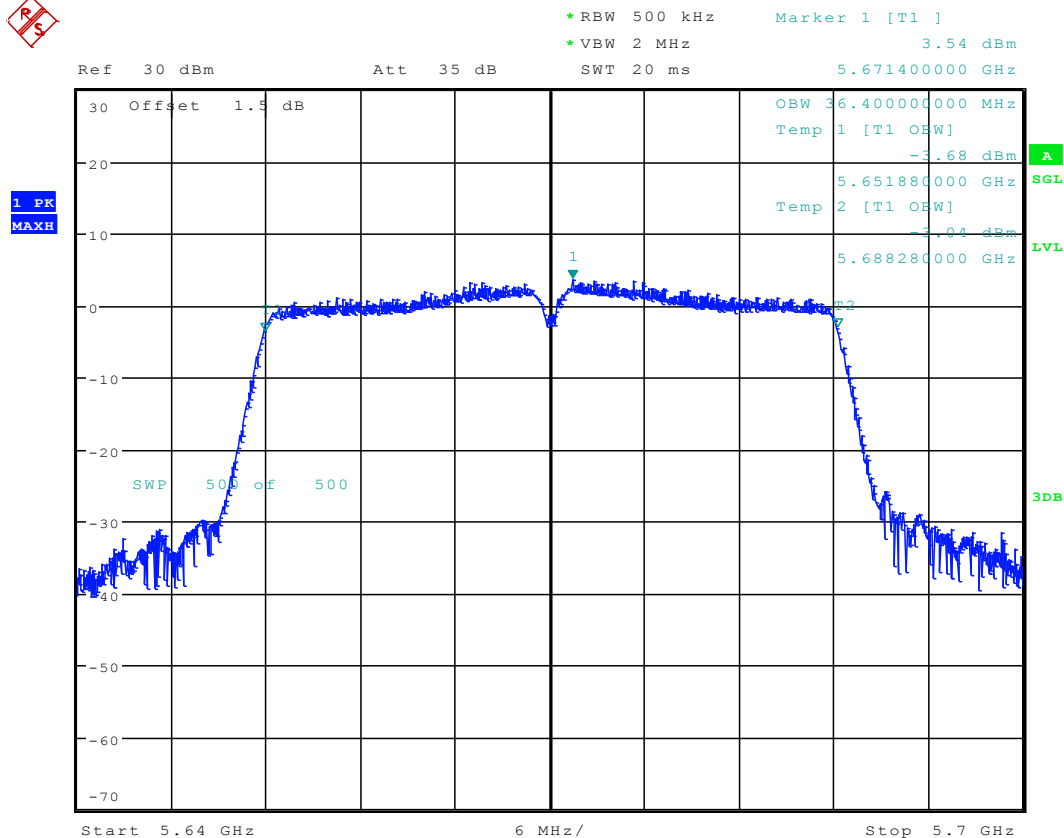
Date: 27.NOV.2015 10:56:01

3.37 11AC40_102 Ant 1



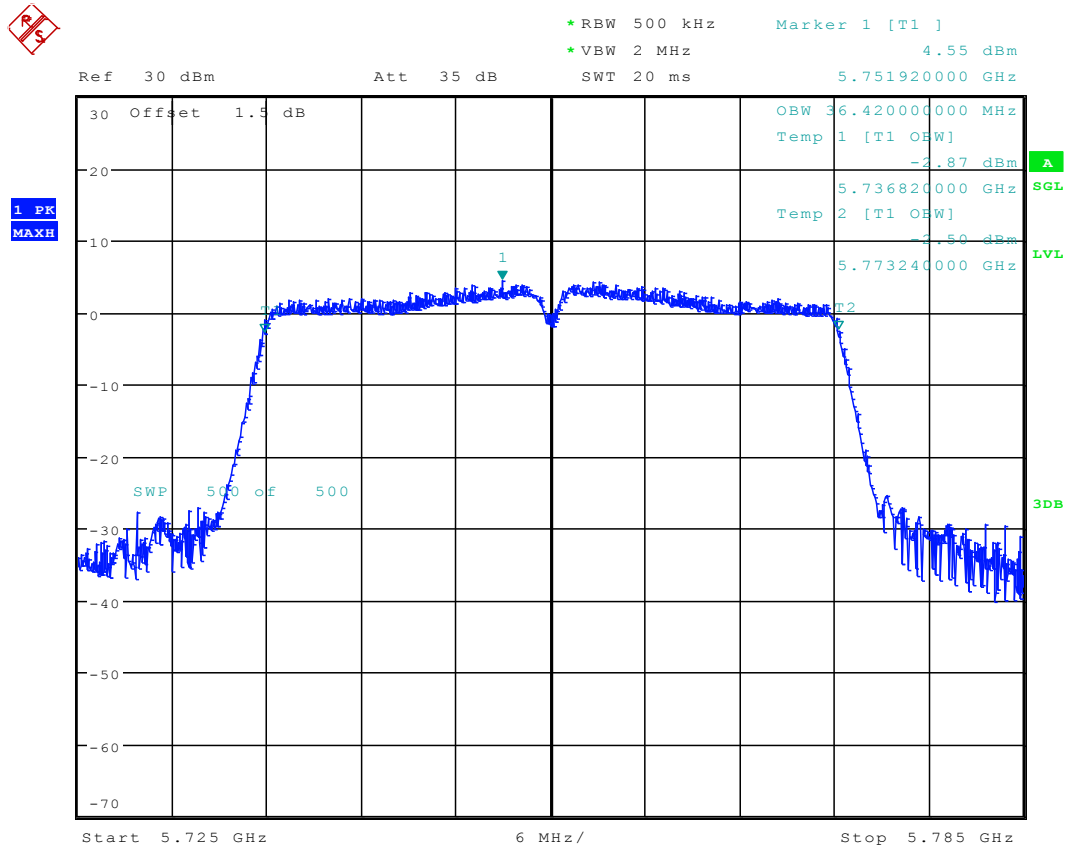
Date: 27.NOV.2015 11:02:21

3.38 11AC40_134 Ant 1



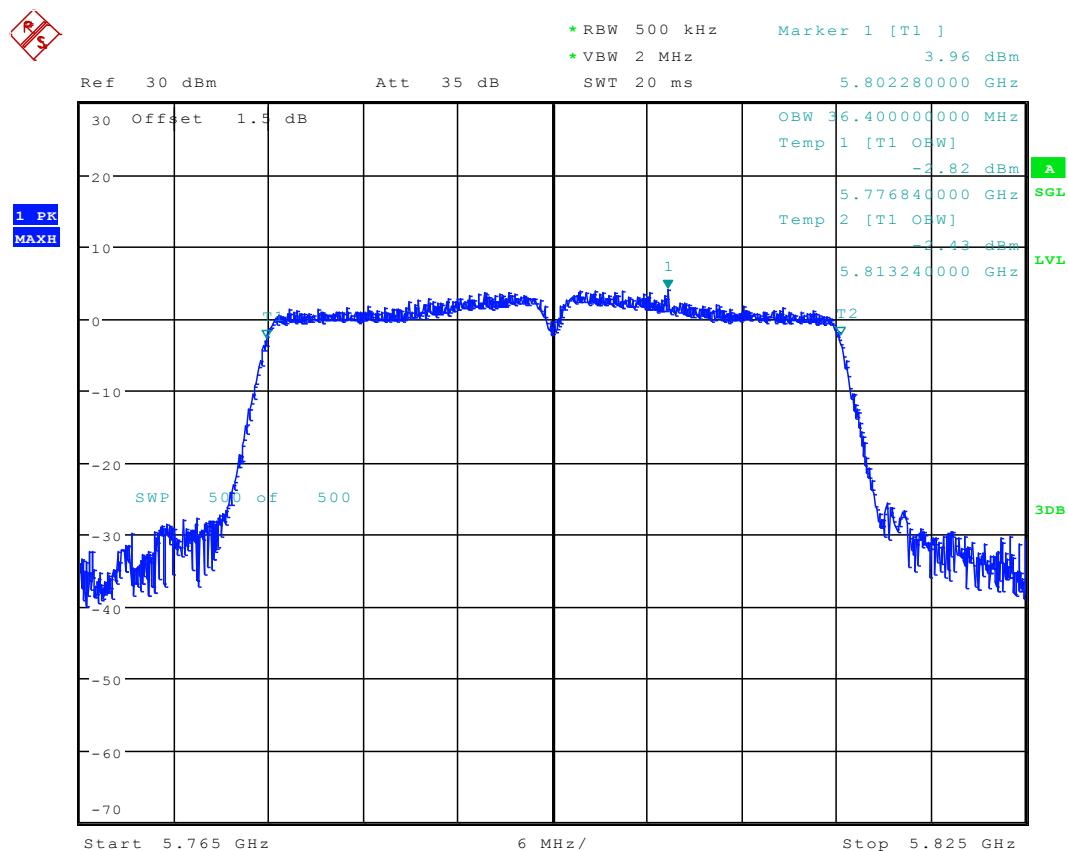
Date: 27.NOV.2015 11:10:05

3.39 11AC40_151 Ant 1



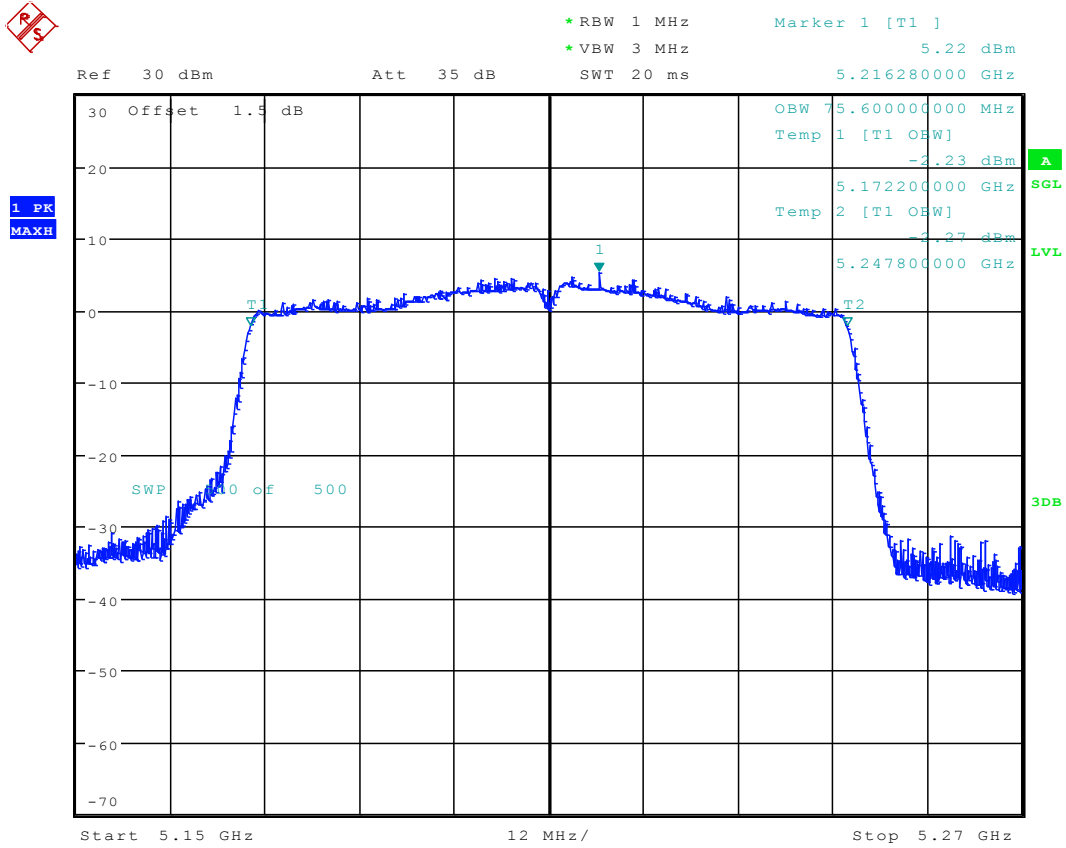
Date: 27.NOV.2015 11:23:25

3.40 11AC40_159 Ant 1



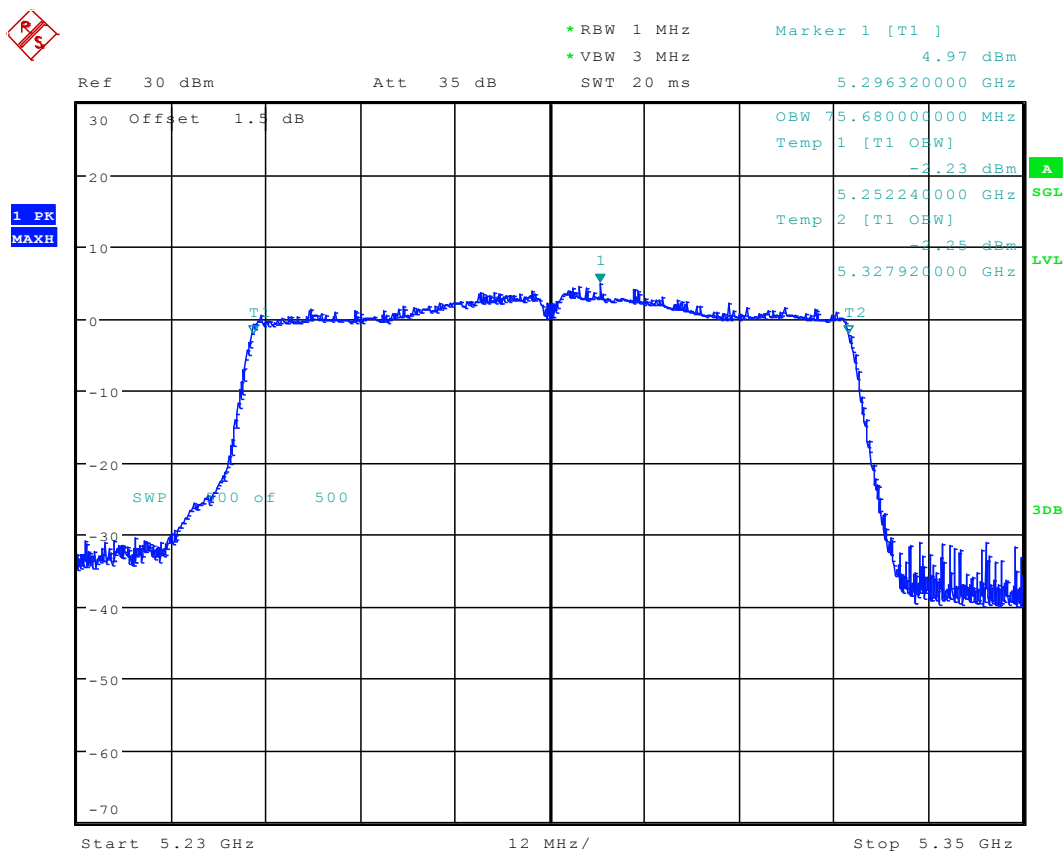
Date: 27.NOV.2015 11:29:21

3.41 11AC80_42 Ant 1



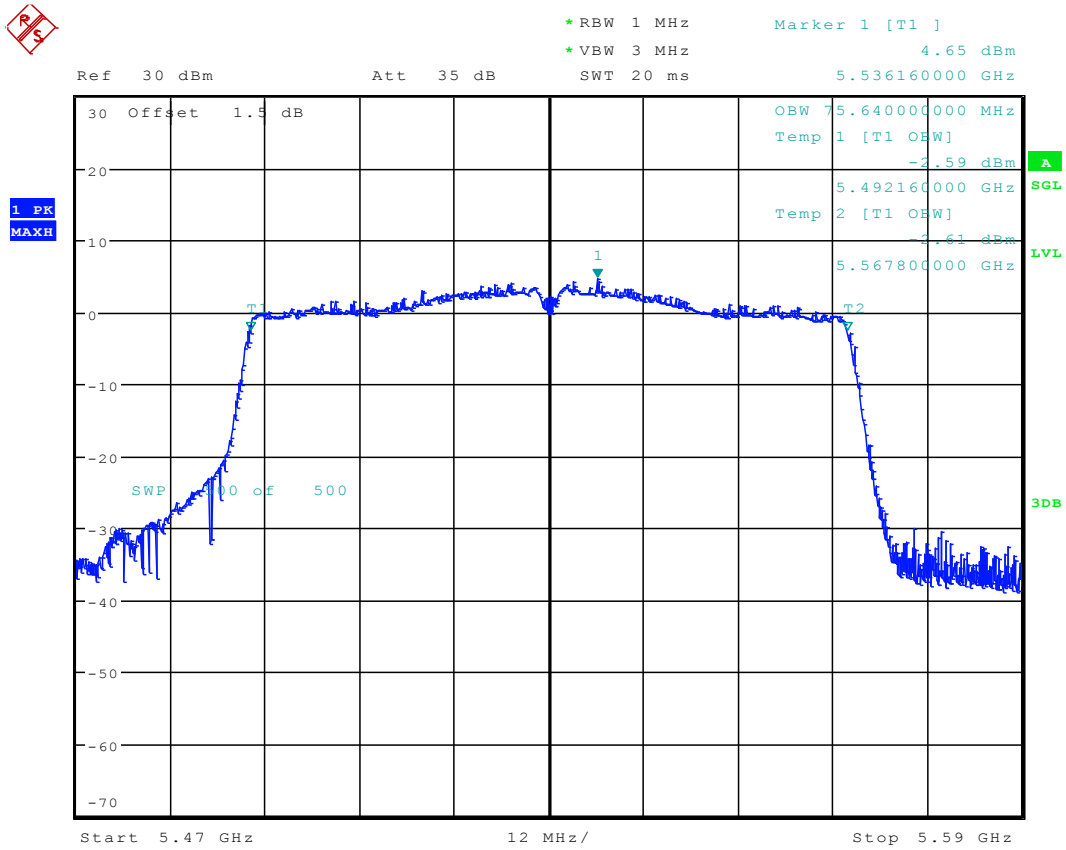
Date: 27.NOV.2015 11:57:04

3.42 11AC80_58 Ant 1



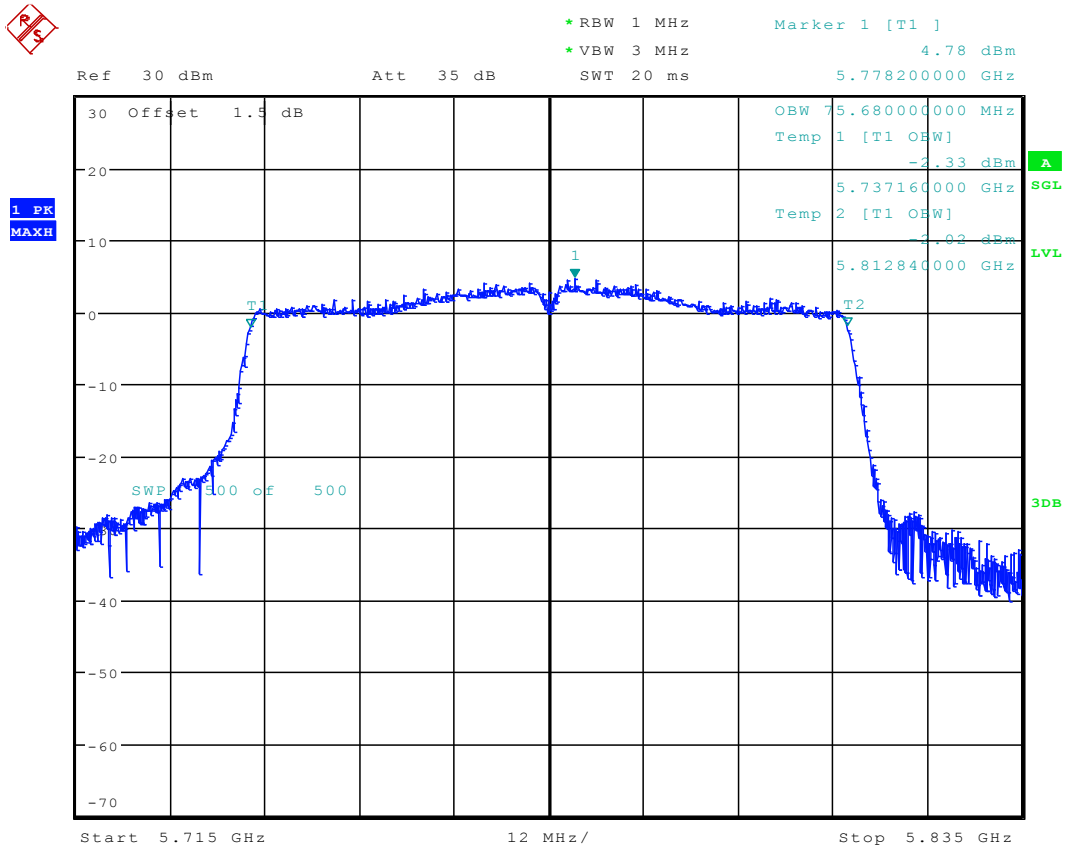
Date: 27.NOV.2015 12:03:04

3.43 11AC80_106 Ant 1



Date: 27.NOV.2015 12:09:21

3.44 11AC80_155 Ant 1



Date: 27.NOV.2015 12:16:07

Appendix B: Maximum Conducted Output Power

4 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A	36	5180	Ant 1	13.68	pass
11A	48	5240	Ant 1	13.27	pass
11A	52	5260	Ant 1	13.58	pass
11A	64	5320	Ant 1	13.19	pass
11A	100	5500	Ant 1	13.26	pass
11A	140	5700	Ant 1	12.80	pass
11A	149	5745	Ant 1	13.18	pass
11A	165	5825	Ant 1	13.23	pass
11N20	36	5180	Ant 1	12.82	pass
11N20	48	5240	Ant 1	13.00	pass
11N20	52	5260	Ant 1	12.06	pass
11N20	64	5320	Ant 1	12.78	pass
11N20	100	5500	Ant 1	12.44	pass
11N20	140	5700	Ant 1	11.98	pass
11N20	149	5745	Ant 1	12.42	pass
11N20	165	5825	Ant 1	11.48	pass
11N40	38	5190	Ant 1	12.46	pass
11N40	46	5230	Ant 1	12.24	pass
11N40	54	5270	Ant 1	12.23	pass
11N40	62	5310	Ant 1	12.04	pass
11N40	102	5510	Ant 1	11.45	pass
11N40	134	5670	Ant 1	10.98	pass
11N40	151	5755	Ant 1	11.62	pass
11N40	159	5795	Ant 1	11.02	pass
11AC20	36	5180	Ant 1	12.18	pass
11AC20	48	5240	Ant 1	12.03	pass
11AC20	52	5260	Ant 1	12.07	pass
11AC20	64	5320	Ant 1	11.81	pass
11AC20	100	5500	Ant 1	11.76	pass
11AC20	140	5700	Ant 1	11.41	pass
11AC20	149	5745	Ant 1	11.92	pass
11AC20	165	5825	Ant 1	10.79	pass
11AC40	38	5190	Ant 1	11.65	pass
11AC40	46	5230	Ant 1	11.53	pass

11AC40	54	5270	Ant 1	11.51	pass
11AC40	62	5310	Ant 1	11.29	pass
11AC40	102	5510	Ant 1	11.21	pass
11AC40	134	5670	Ant 1	10.75	pass
11AC40	151	5755	Ant 1	11.34	pass
11AC40	159	5795	Ant 1	10.81	pass
11AC80	42	5210	Ant 1	10.39	pass
11AC80	58	5290	Ant 1	10.18	pass
11AC80	106	5530	Ant 1	9.98	pass
11AC80	155	5775	Ant 1	10.02	pass

Appendix C: Duty Cycle

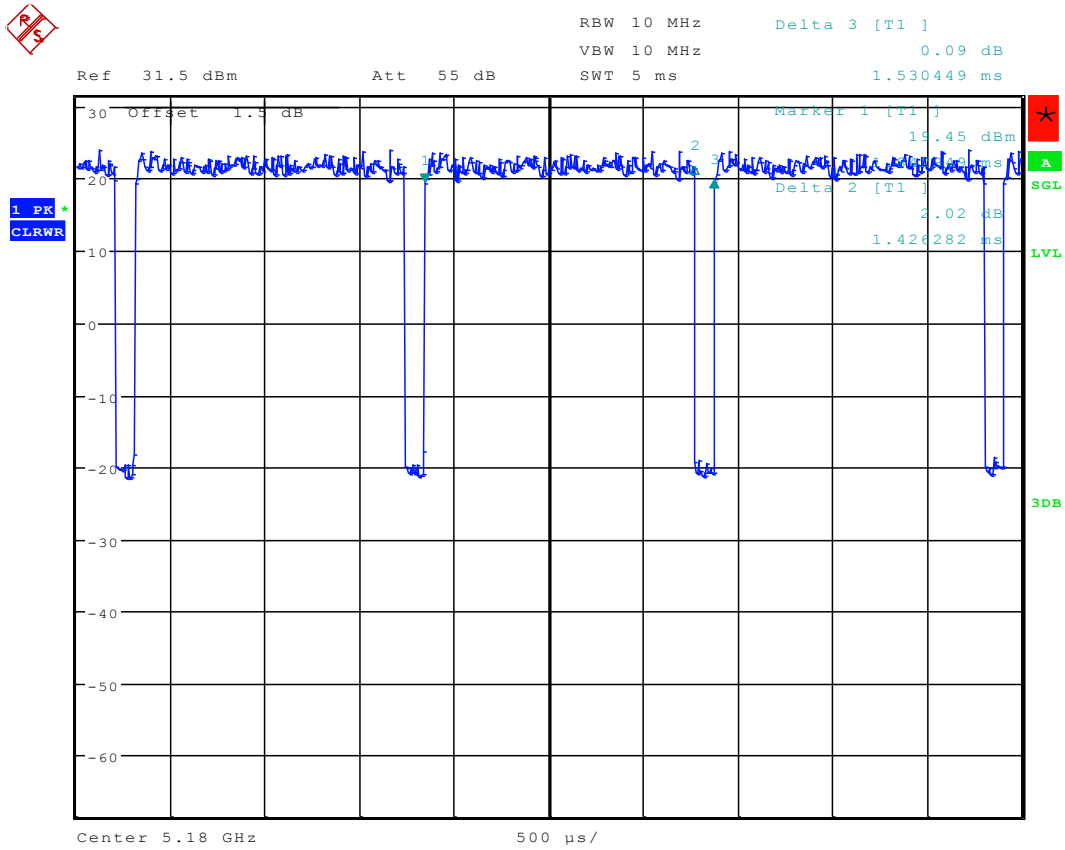
4.1.1 Part I - Test Results

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Duty cycle [%]
11A	36	5180	Ant 1	93
11A	48	5240	Ant 1	93
11A	52	5260	Ant 1	93
11A	64	5320	Ant 1	93
11A	100	5500	Ant 1	93
11A	140	5700	Ant 1	93
11A	149	5745	Ant 1	93
11A	165	5825	Ant 1	93
11N20	36	5180	Ant 1	93
11N20	48	5240	Ant 1	93
11N20	52	5260	Ant 1	93
11N20	64	5320	Ant 1	93
11N20	100	5500	Ant 1	93
11N20	140	5700	Ant 1	93
11N20	149	5745	Ant 1	93
11N20	165	5825	Ant 1	93
11N40	38	5190	Ant 1	86.9
11N40	46	5230	Ant 1	86.9
11N40	54	5270	Ant 1	86.9
11N40	62	5310	Ant 1	86.9
11N40	102	5510	Ant 1	86.9
11N40	134	5670	Ant 1	86.9
11N40	151	5755	Ant 1	86.9
11N40	159	5795	Ant 1	86.9
11AC20	36	5180	Ant 1	92.8
11AC20	48	5240	Ant 1	92.8
11AC20	52	5260	Ant 1	92.8
11AC20	64	5320	Ant 1	92.8
11AC20	100	5500	Ant 1	92.8
11AC20	140	5700	Ant 1	92.8
11AC20	149	5745	Ant 1	92.8
11AC20	165	5825	Ant 1	92.8
11AC40	38	5190	Ant 1	92.7
11AC40	46	5230	Ant 1	92.7

11AC40	54	5270	Ant 1	92.7
11AC40	62	5310	Ant 1	92.7
11AC40	102	5510	Ant 1	92.7
11AC40	134	5670	Ant 1	92.7
11AC40	151	5755	Ant 1	92.7
11AC40	159	5795	Ant 1	92.7
11AC80	42	5210	Ant 1	85.2
11AC80	58	5290	Ant 1	85.2
11AC80	106	5530	Ant 1	85.2
11AC80	155	5775	Ant 1	85.2

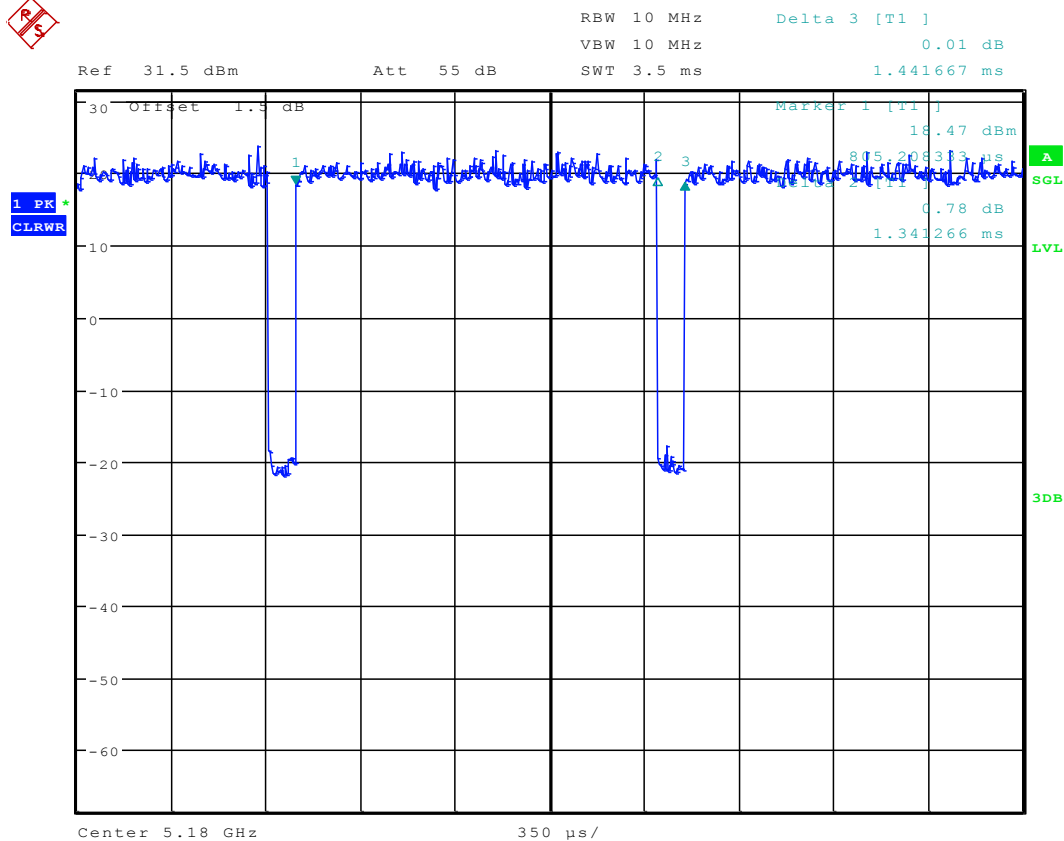
5 Test Plot

5.1 11A Ant 1



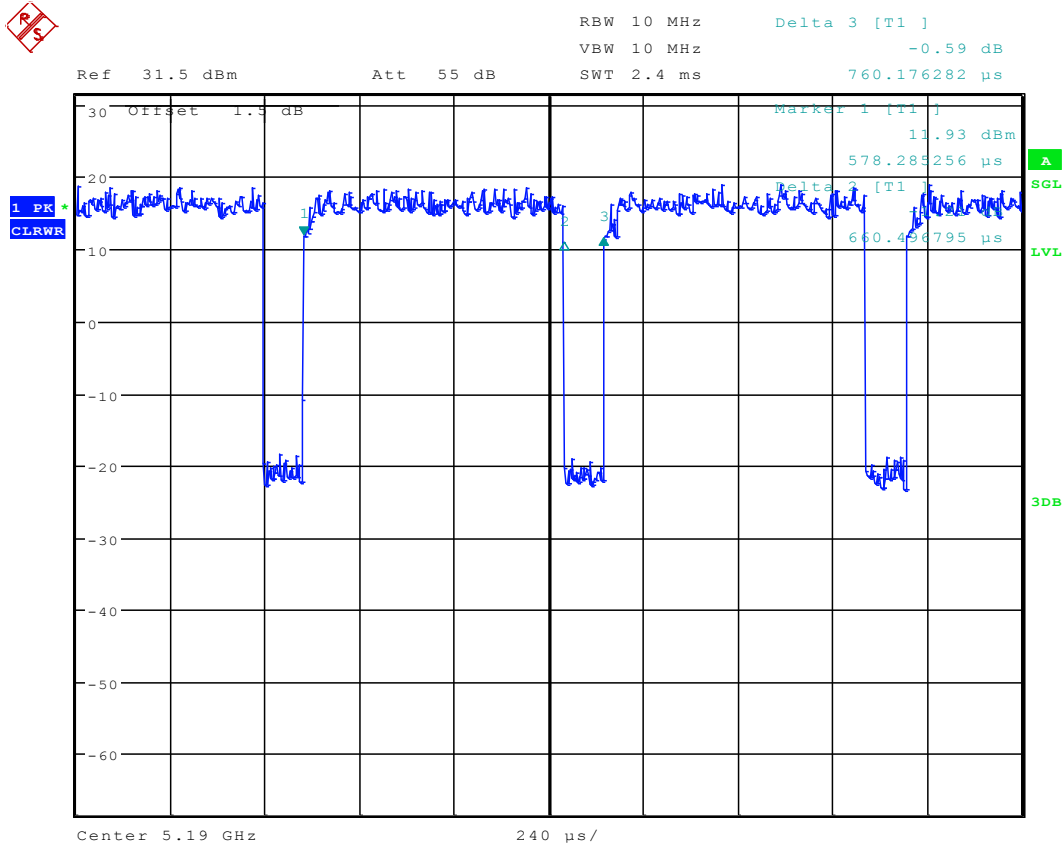
Date: 11.NOV.2015 09:34:20

5.2 11n20 Ant 1



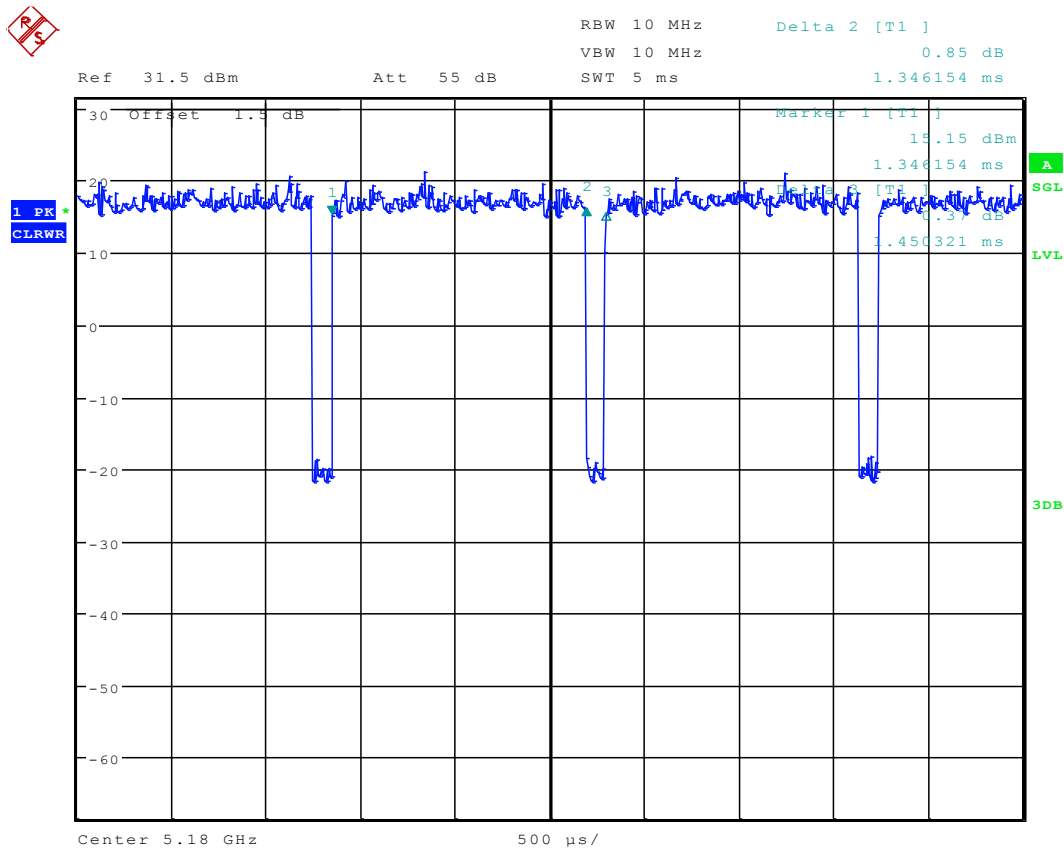
Date: 11.NOV.2015 09:43:08

5.3 11n40 Ant 1



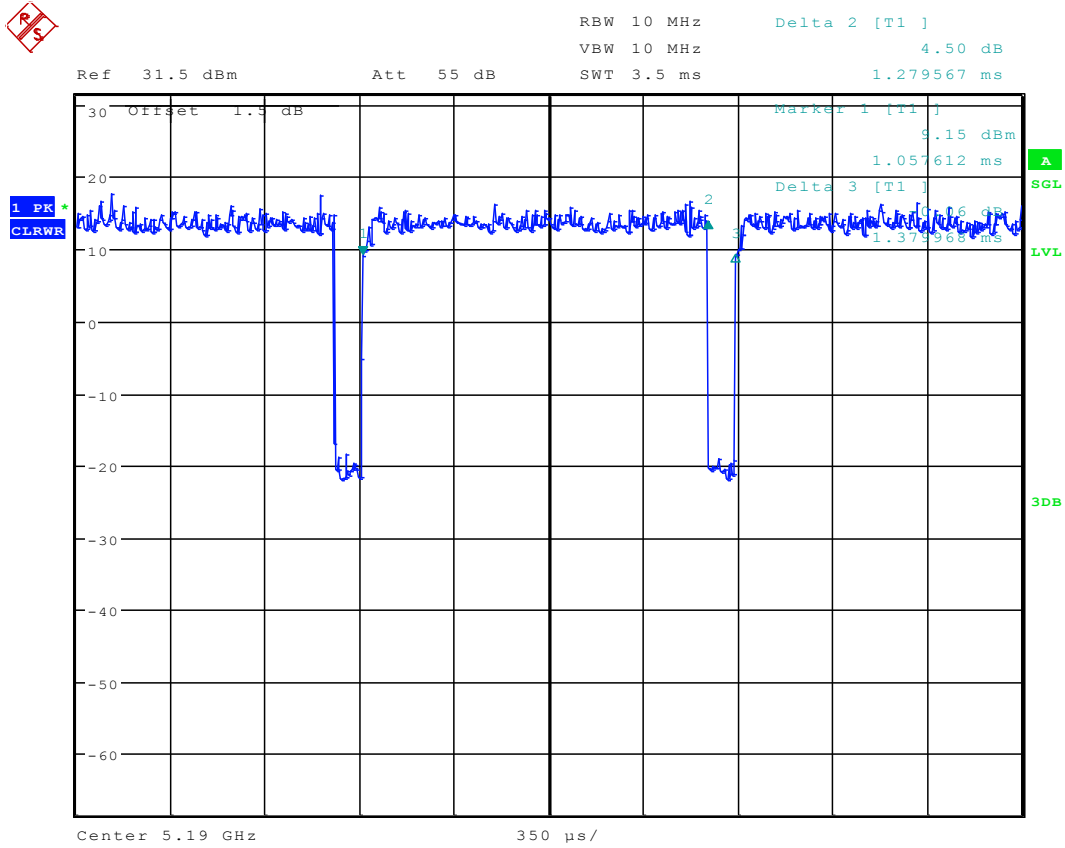
Date: 11.NOV.2015 09:44:27

5.4 11ac20 Ant 1



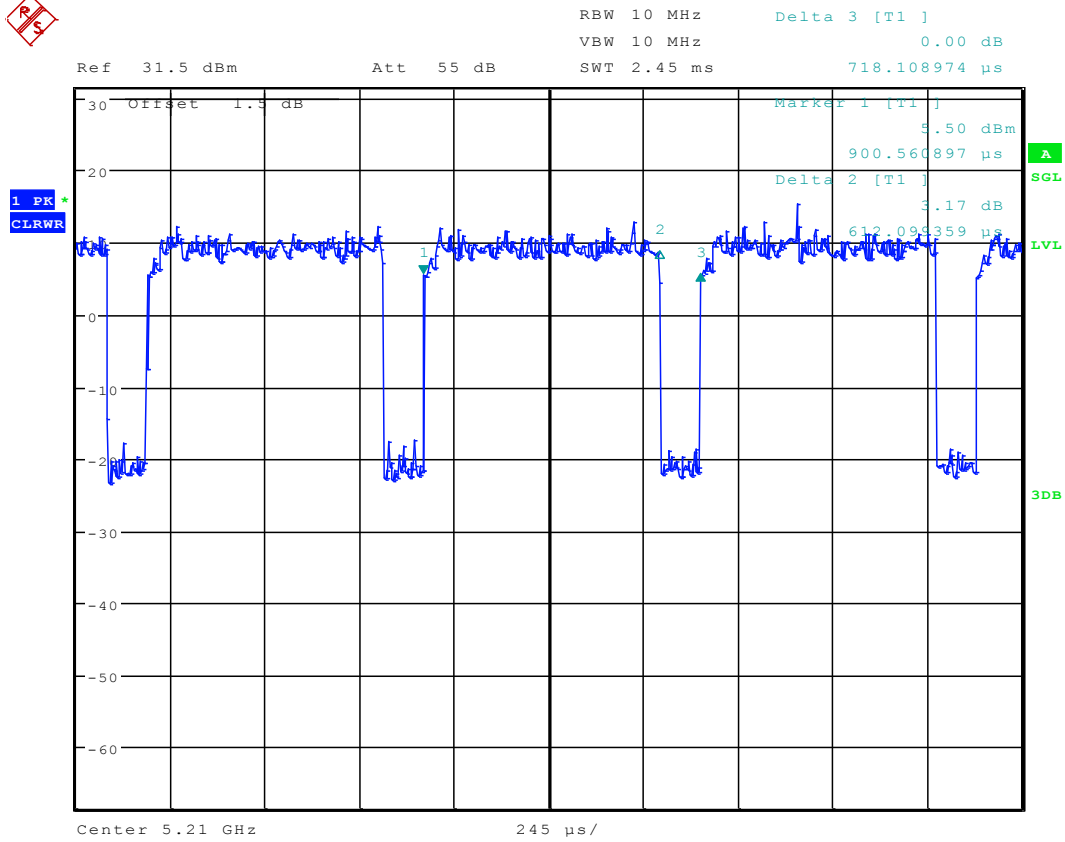
Date: 11.NOV.2015 09:36:47

5.5 11ac40 Ant 1



Date: 11.NOV.2015 09:41:28

5.6 11ac80 Ant 1



Date: 11.NOV.2015 09:40:13

Appendix D: Peak Power Spectral Density Level

6 Result Table

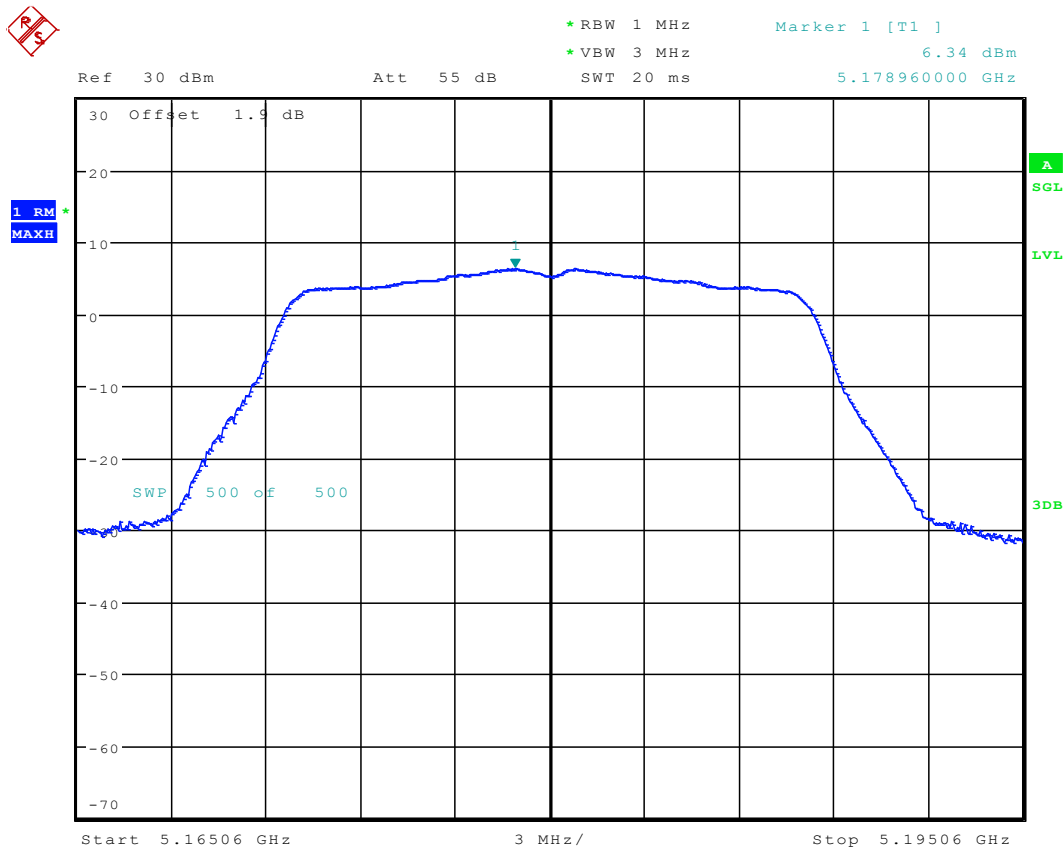
Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Limit [dBm]	Verdict
11A	36	5180	Ant 1	6.34	11	pass
11A	48	5240	Ant 1	5.98	11	pass
11A	52	5260	Ant 1	5.79	11	pass
11A	64	5320	Ant 1	5.73	11	pass
11A	100	5500	Ant 1	5.66	11	pass
11A	140	5700	Ant 1	5.57	11	pass
11A	149	5745	Ant 1	7.83	17	pass
11A	165	5825	Ant 1	6.81	17	pass
11N20	36	5180	Ant 1	5.27	11	pass
11N20	48	5240	Ant 1	5.27	11	pass
11N20	52	5260	Ant 1	4.08	11	pass
11N20	64	5320	Ant 1	5.17	11	pass
11N20	100	5500	Ant 1	4.57	11	pass
11N20	140	5700	Ant 1	4.35	11	pass
11N20	149	5745	Ant 1	3.89	17	pass
11N20	165	5825	Ant 1	3.37	17	pass
11N40	38	5190	Ant 1	2.45	11	pass
11N40	46	5230	Ant 1	2.6	11	pass
11N40	54	5270	Ant 1	2.03	11	pass
11N40	62	5310	Ant 1	2.38	11	pass
11N40	102	5510	Ant 1	1.78	11	pass
11N40	134	5670	Ant 1	1.11	11	pass
11N40	151	5755	Ant 1	0.59	17	pass
11N40	159	5795	Ant 1	0.31	17	pass
11AC20	36	5180	Ant 1	4.67	11	pass
11AC20	48	5240	Ant 1	4.3	11	pass
11AC20	52	5260	Ant 1	4.35	11	pass
11AC20	64	5320	Ant 1	4.23	11	pass
11AC20	100	5500	Ant 1	4.44	11	pass
11AC20	140	5700	Ant 1	3.98	11	pass
11AC20	149	5745	Ant 1	3.31	17	pass
11AC20	165	5825	Ant 1	2.69	17	pass
11AC40	38	5190	Ant 1	1.11	11	pass
11AC40	46	5230	Ant 1	1.15	11	pass
11AC40	54	5270	Ant 1	0.69	11	pass



11AC40	62	5310	Ant 1	1.12	11	pass
11AC40	102	5510	Ant 1	1.04	11	pass
11AC40	134	5670	Ant 1	0.59	11	pass
11AC40	151	5755	Ant 1	0.09	17	pass
11AC40	159	5795	Ant 1	-0.28	17	pass
11AC80	42	5210	Ant 1	-2.47	11	pass
11AC80	58	5290	Ant 1	-2.85	11	pass
11AC80	106	5530	Ant 1	-2.98	11	pass
11AC80	155	5775	Ant 1	-4.13	17	pass

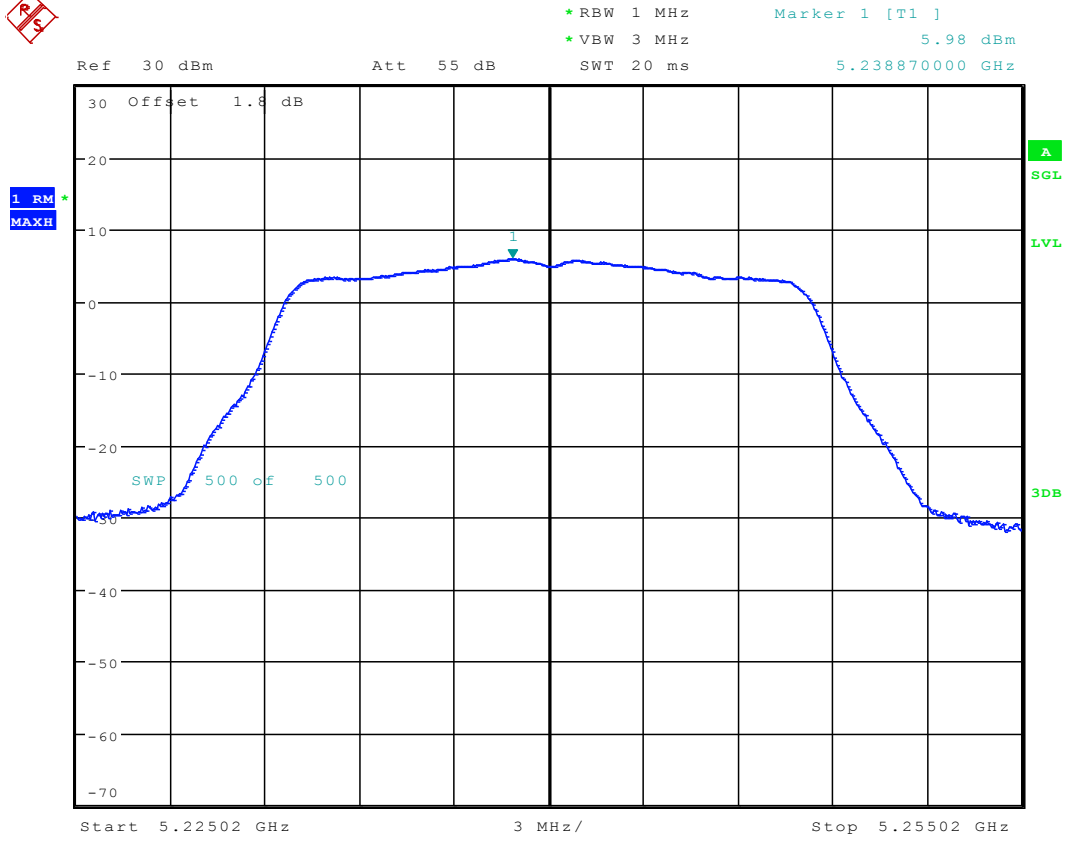
7 Test Plot

7.1 11A_36 Ant 1



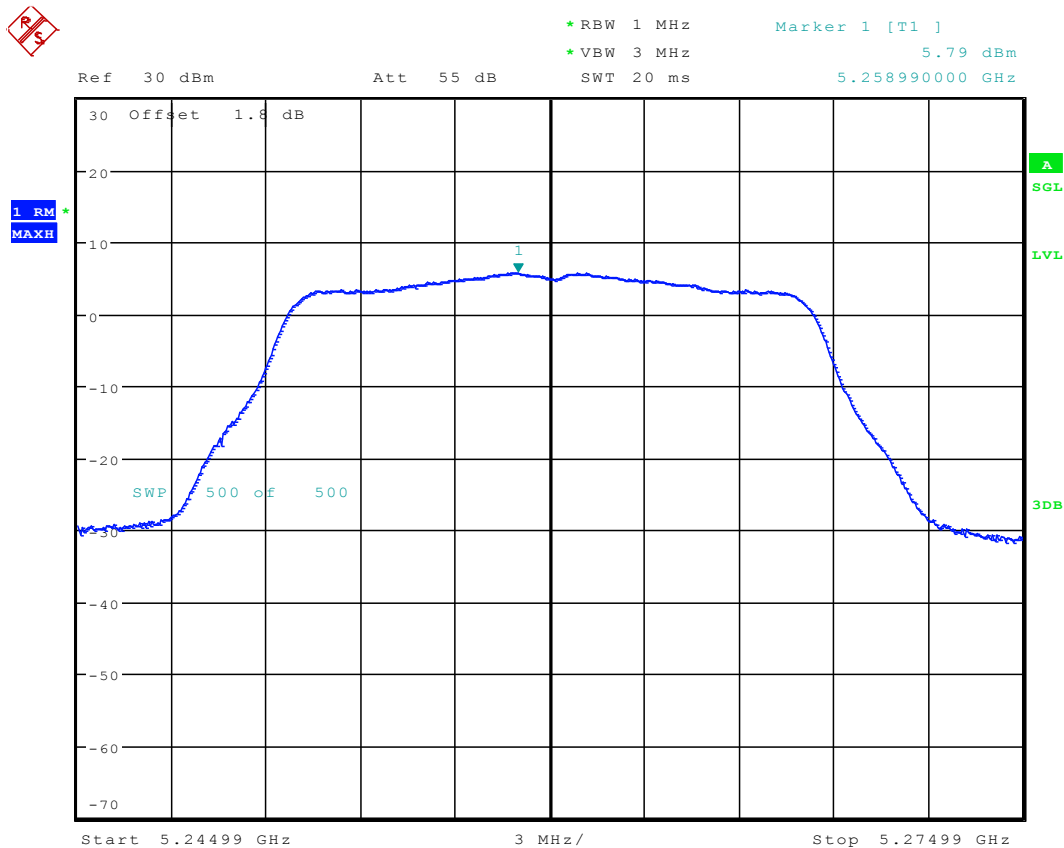
Date: 15.DEC.2015 09:15:30

7.2 11A_48 Ant 1



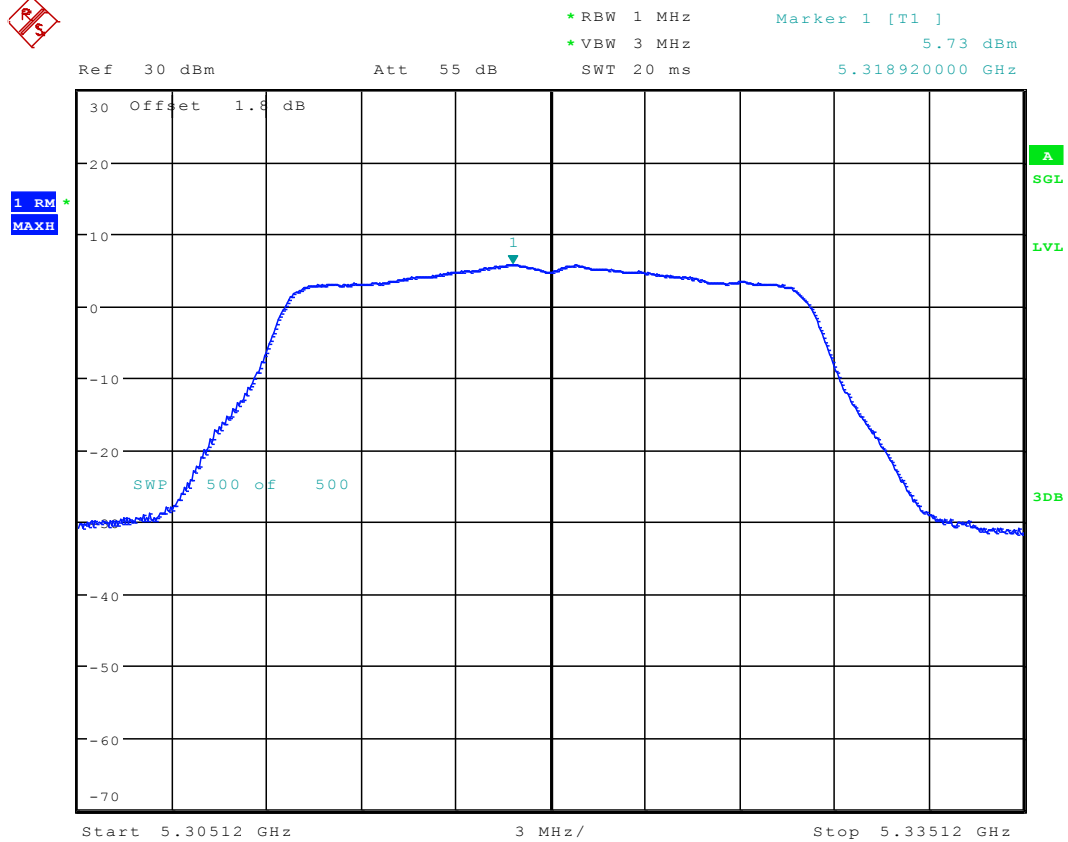
Date: 15.DEC.2015 09:20:35

7.3 11A_52 Ant 1



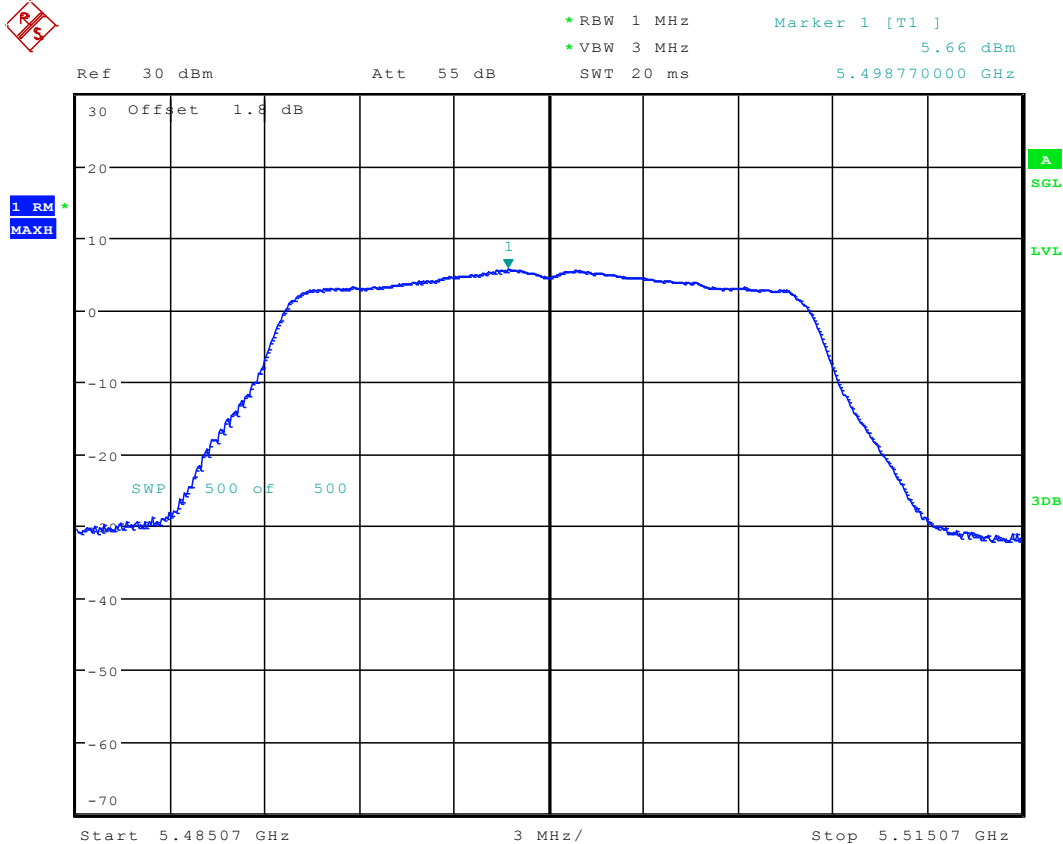
Date: 15.DEC.2015 09:22:00

7.4 11A_64 Ant 1



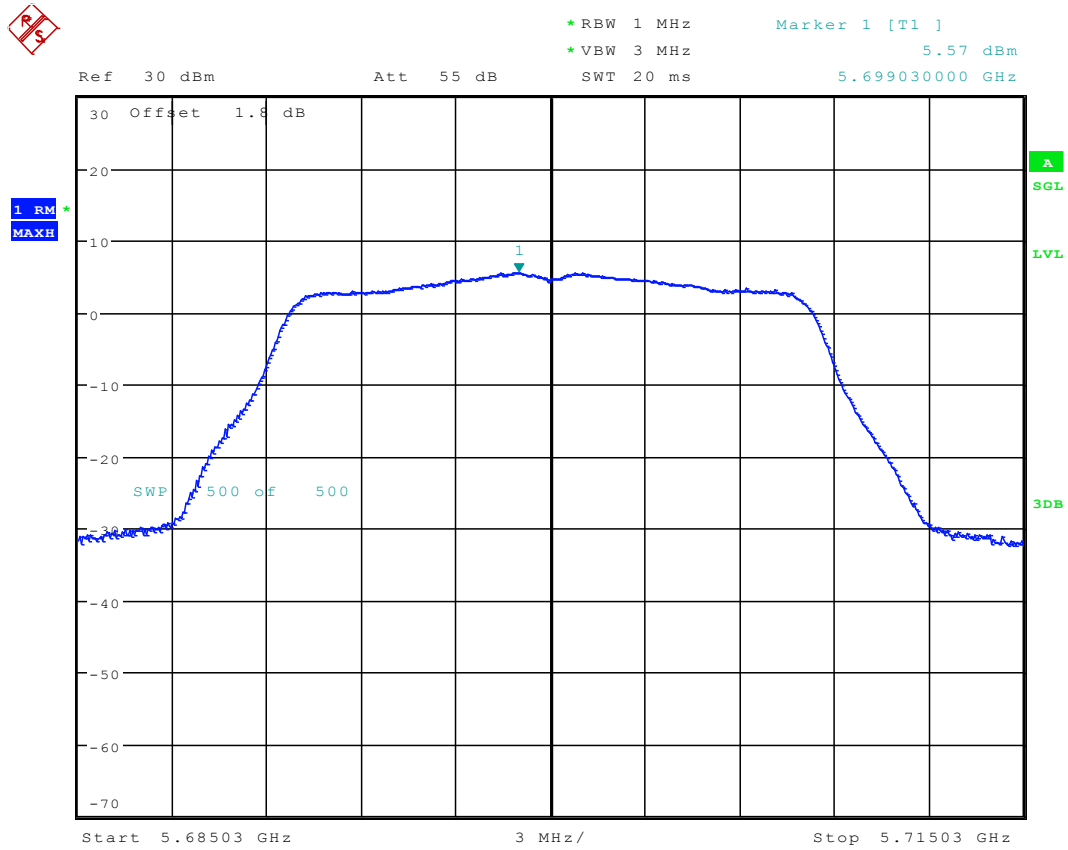
Date: 15.DEC.2015 09:27:06

7.5 11A_100 Ant 1

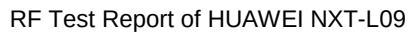


Date: 15.DEC.2015 09:28:28

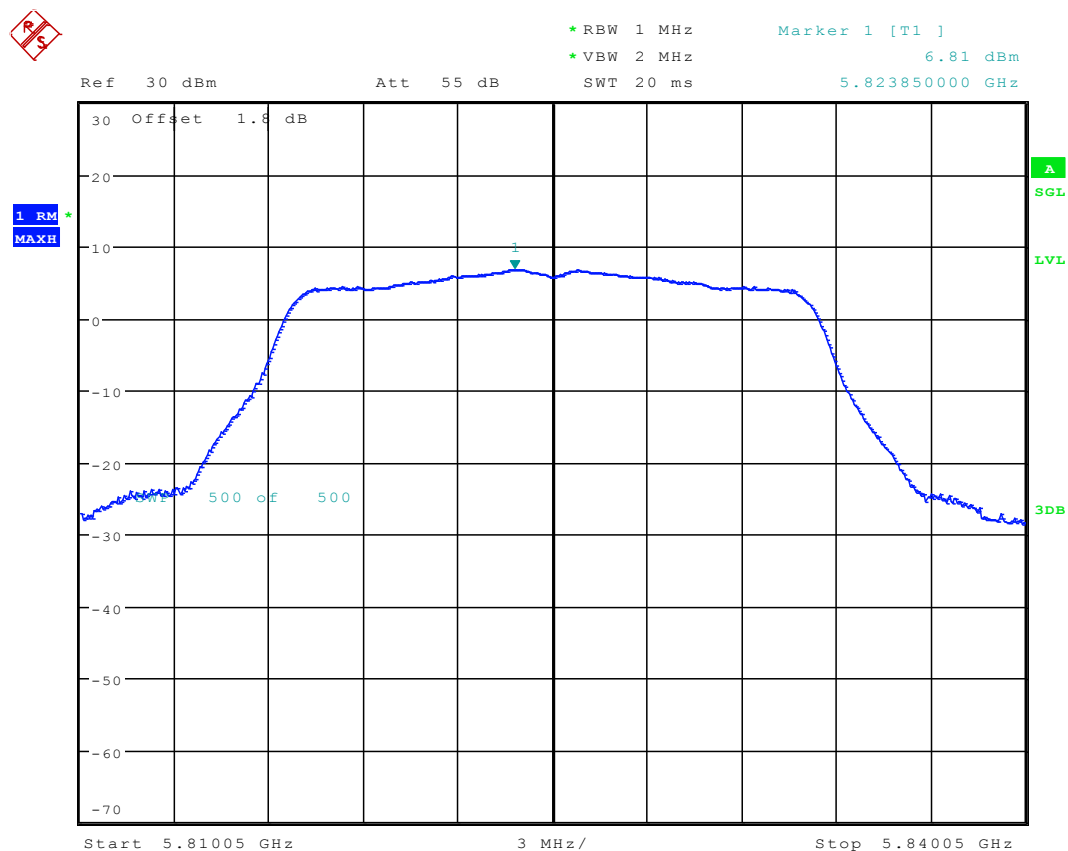
7.6 11A_140 Ant 1



Date: 15.DEC.2015 09:29:31

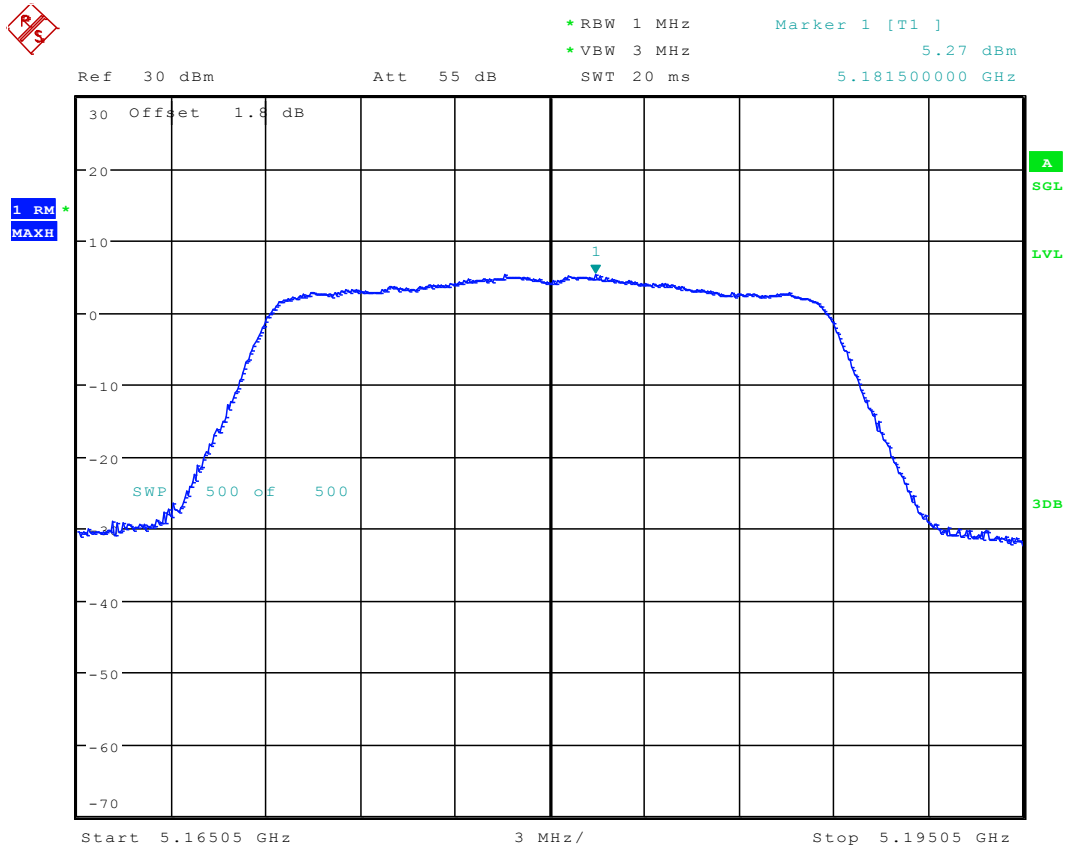


7.8 11A_165 Ant 1



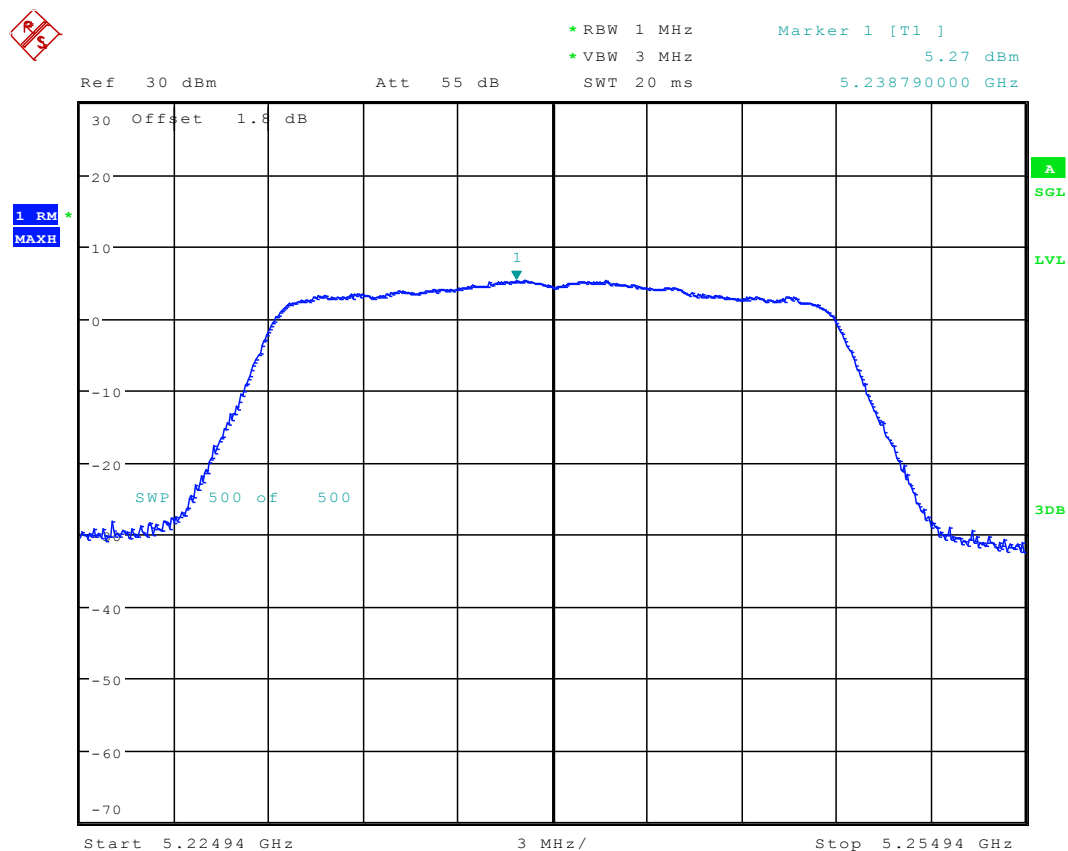
Date: 15.DEC.2015 09:33:31

7.9 11N20_36 Ant 1



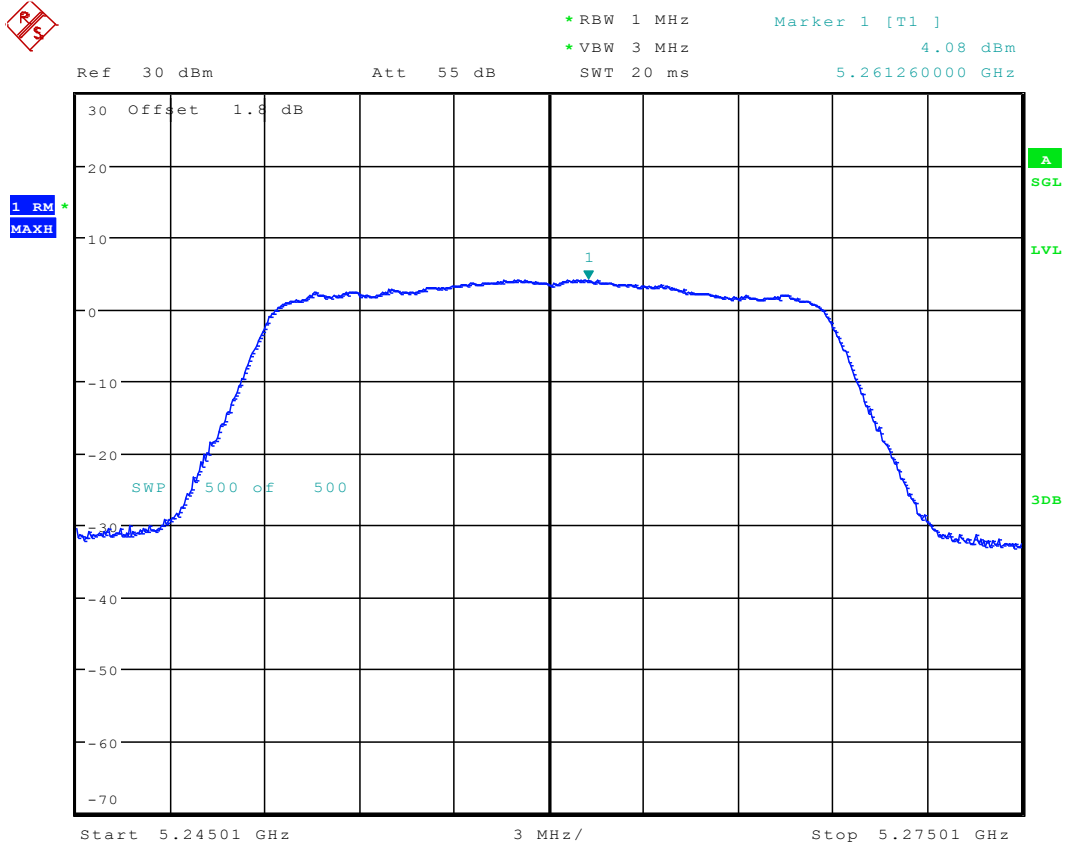
Date: 15.DEC.2015 09:36:38

7.10 11N20_48 Ant 1



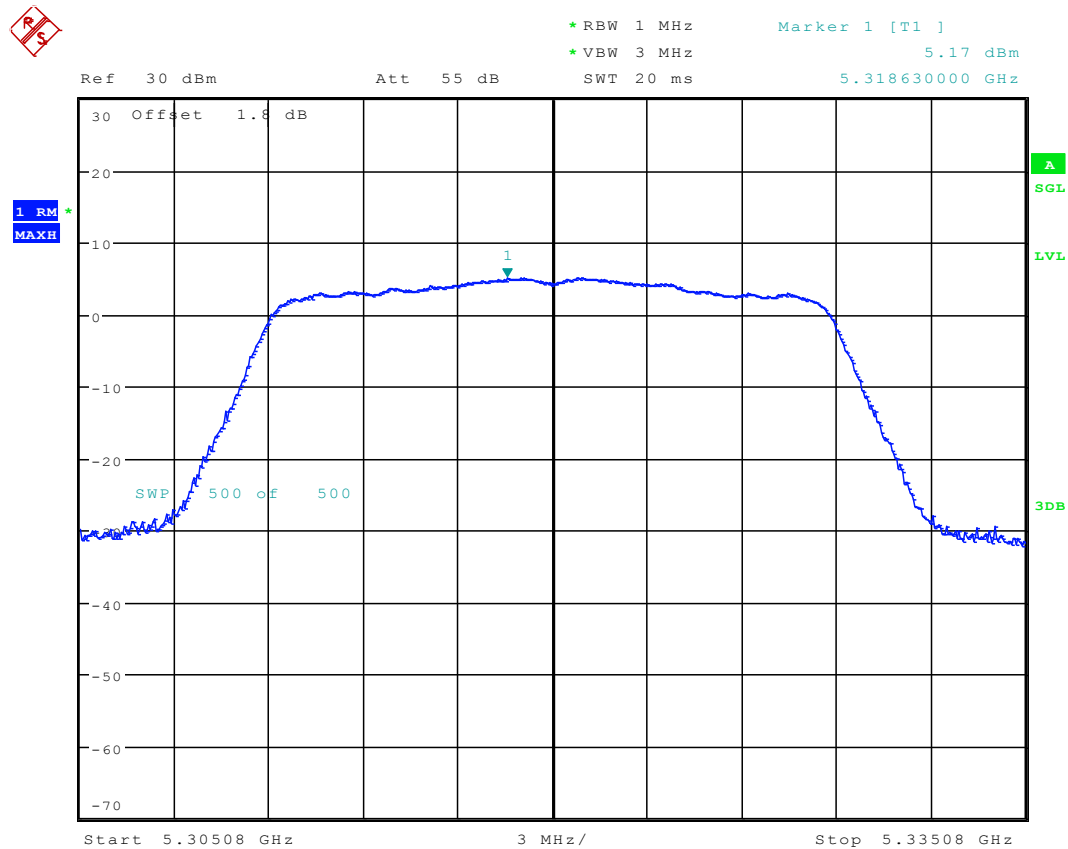
Date: 15.DEC.2015 09:37:49

7.11 11N20_52 Ant 1



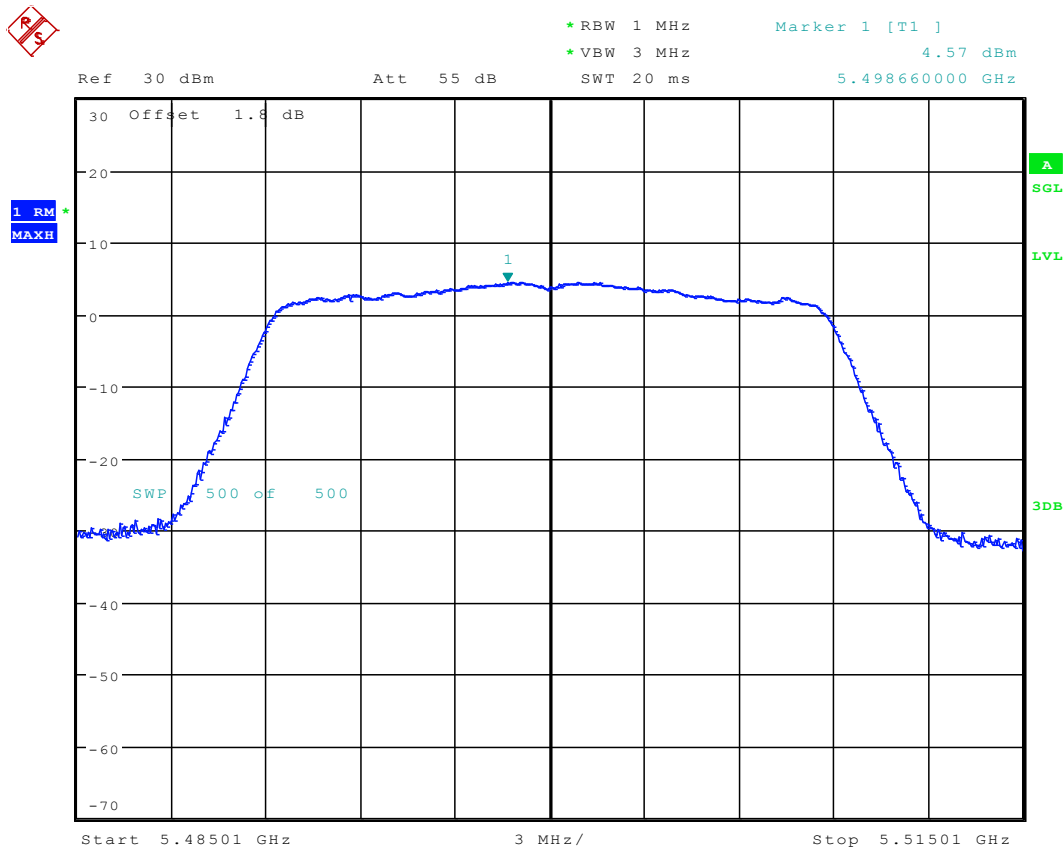
Date: 15.DEC.2015 09:39:02

7.12 11N20_64 Ant 1



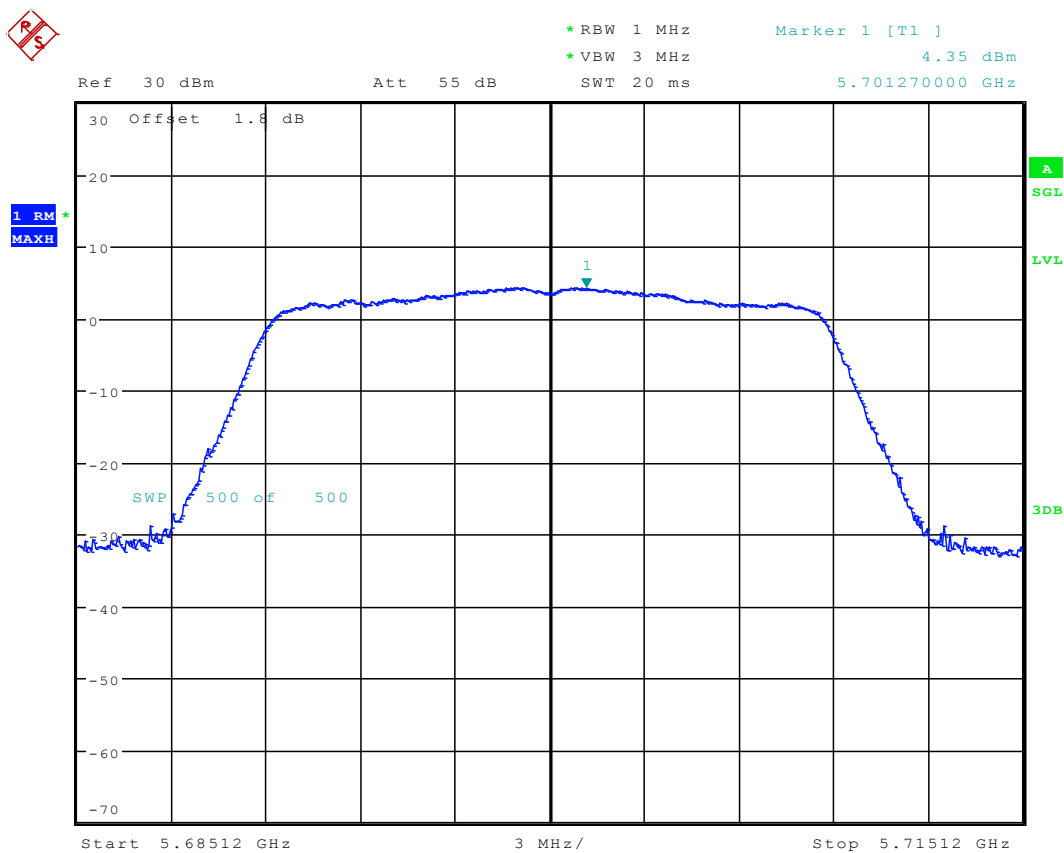
Date: 15.DEC.2015 09:51:40

7.13 11N20_100 Ant 1



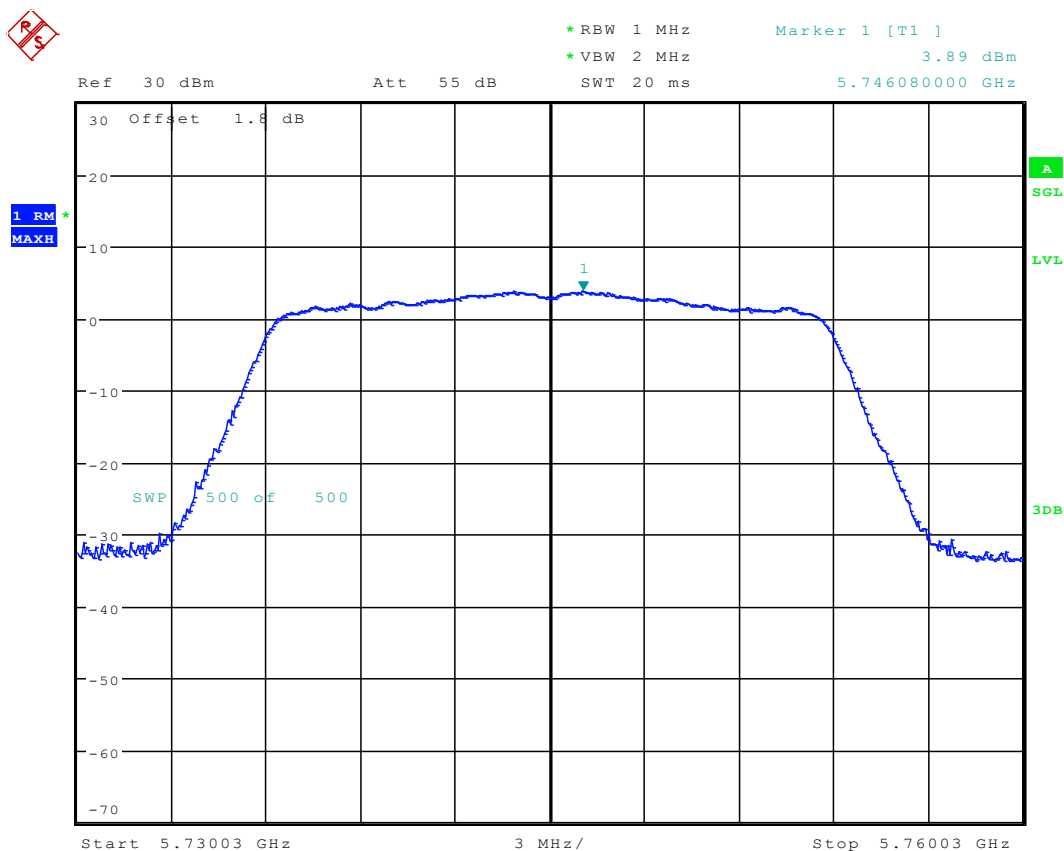
Date: 15.DEC.2015 09:55:47

7.14 11N20_140 Ant 1



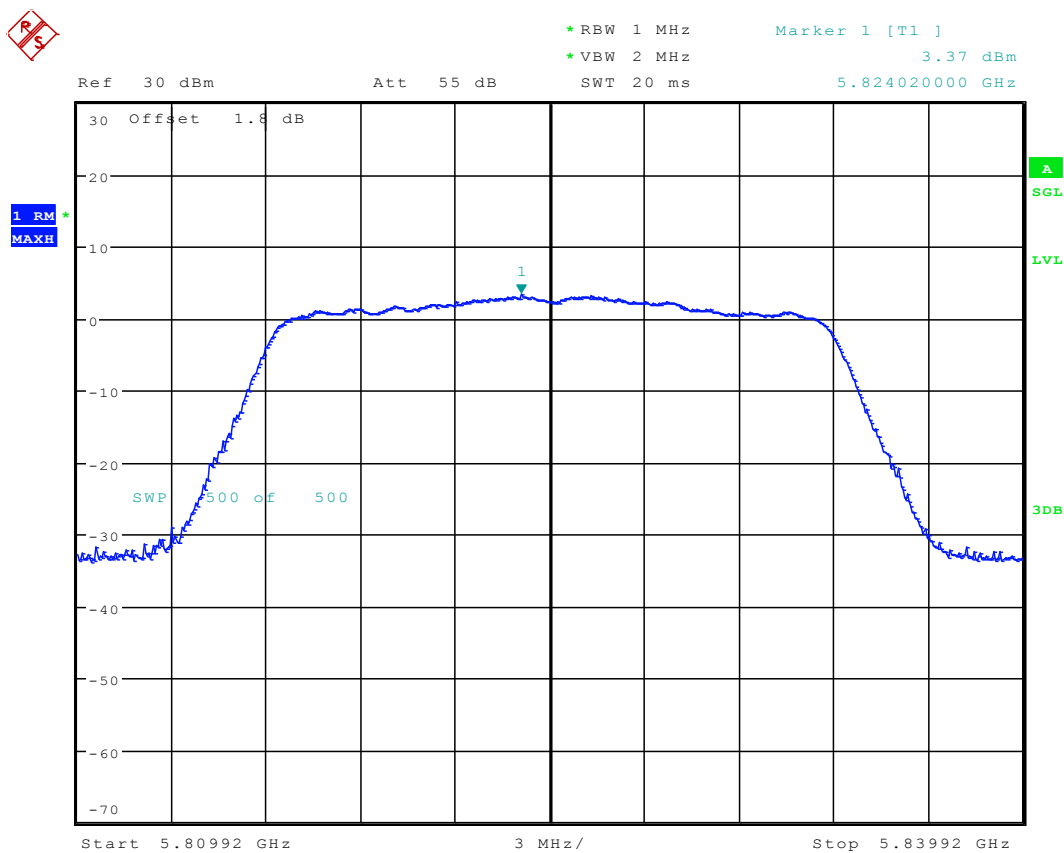
Date: 15.DEC.2015 10:01:01

7.15 11N20_149 Ant 1



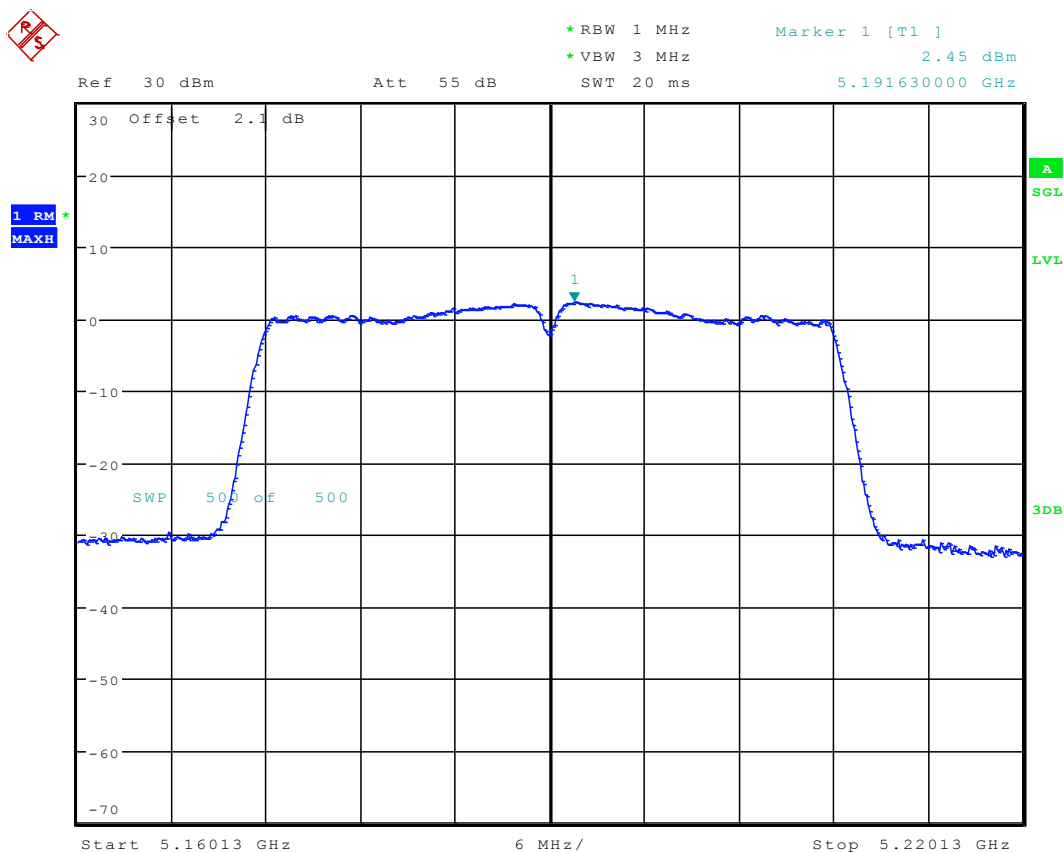
Date: 15.DEC.2015 10:03:22

7.16 11N20_165 Ant 1



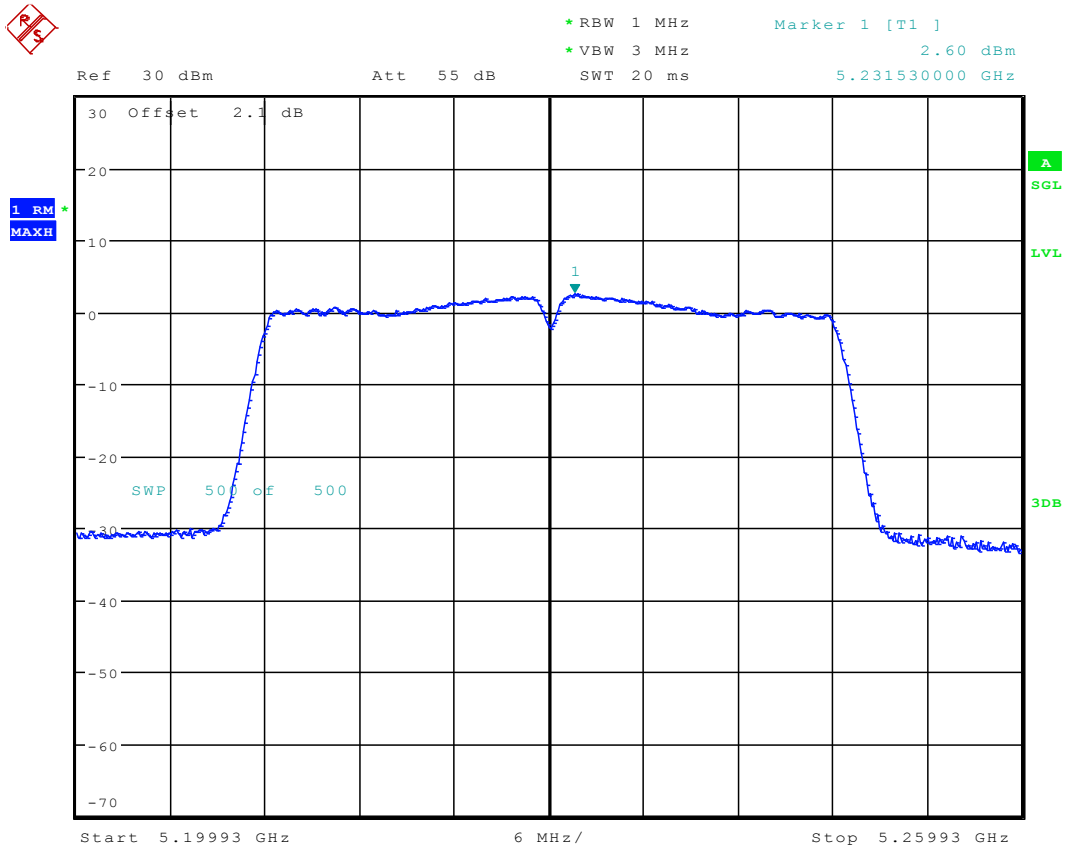
Date: 15.DEC.2015 10:11:21

7.17 11N40_38 Ant 1



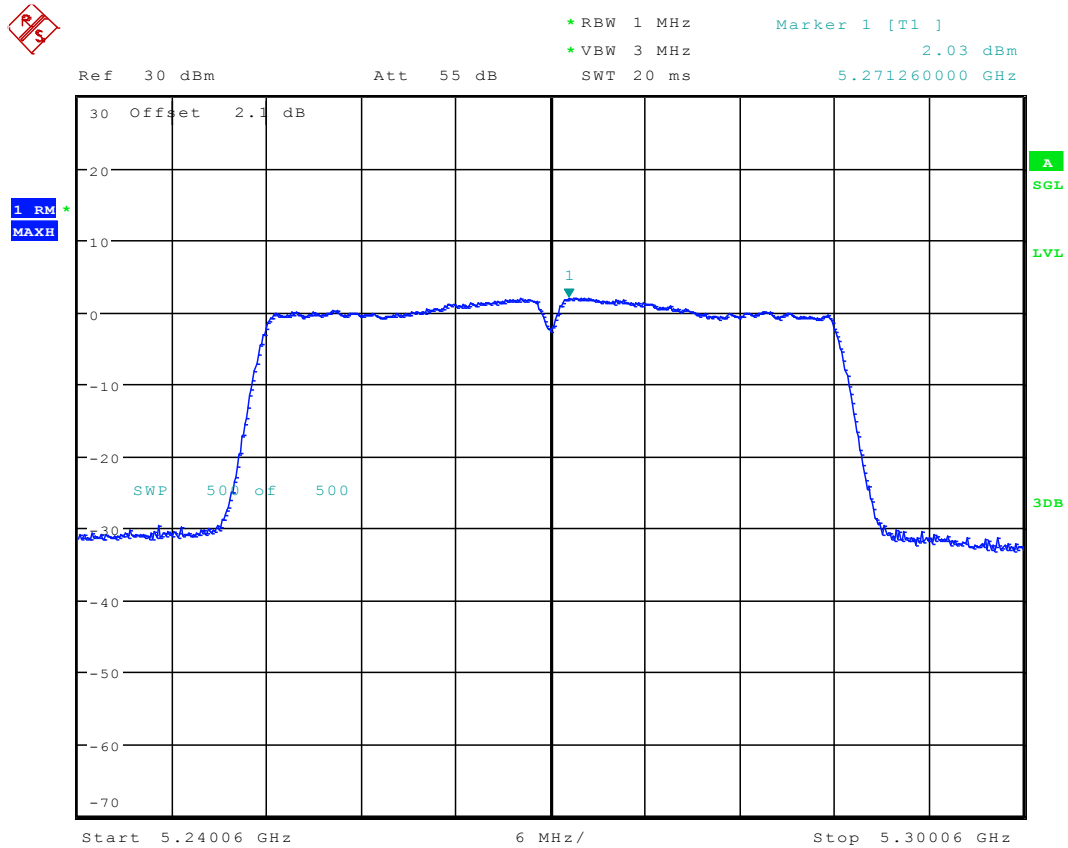
Date: 15.DEC.2015 10:12:55

7.18 11N40_46 Ant 1



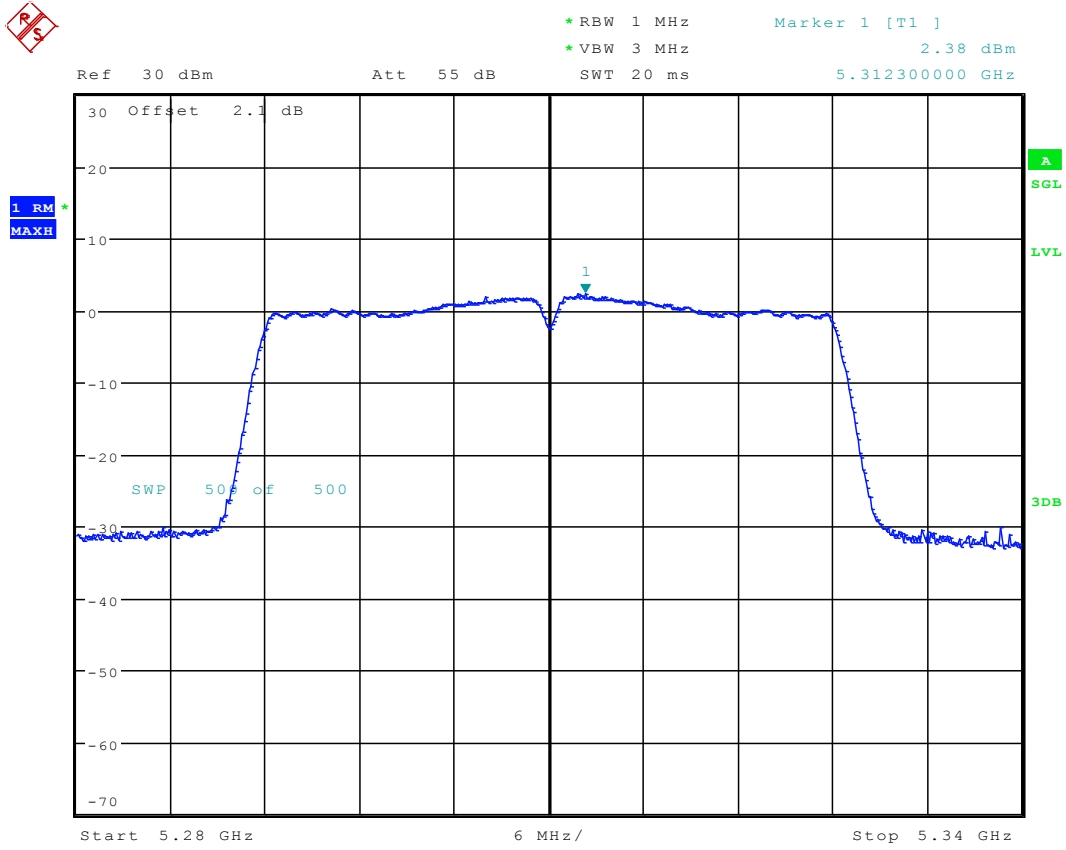
Date: 15.DEC.2015 10:14:29

7.19 11N40_54 Ant 1



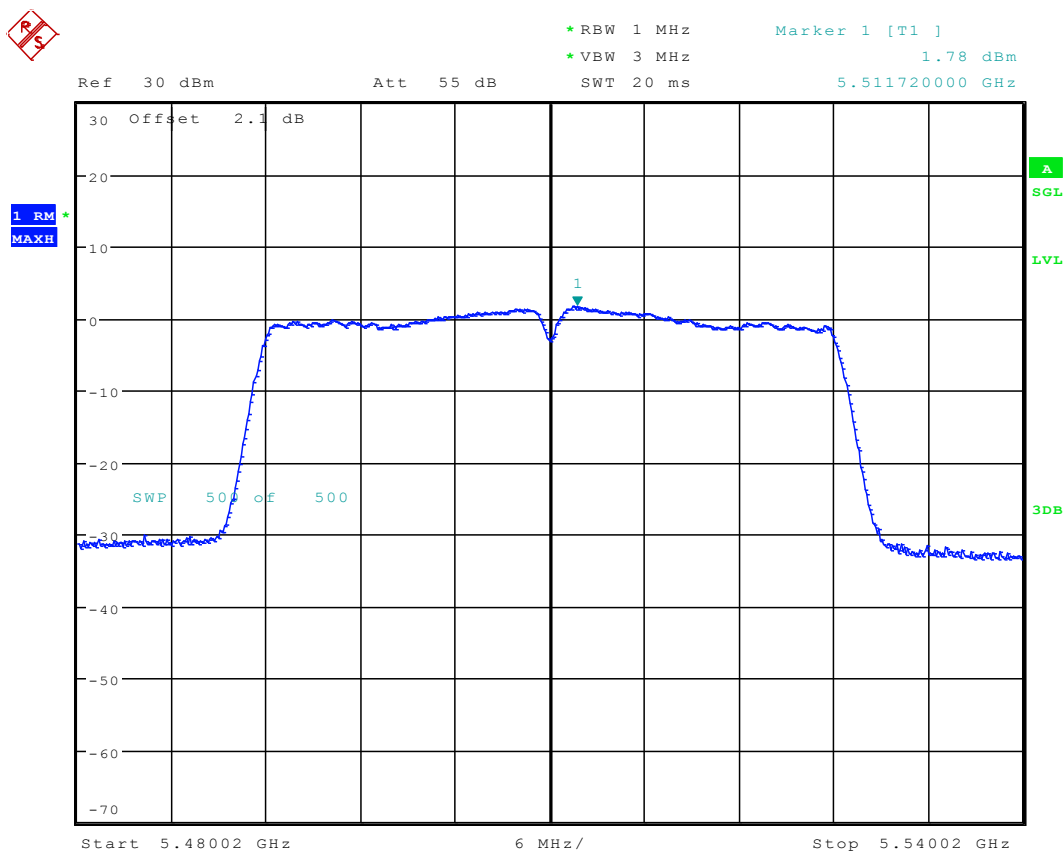
Date: 15.DEC.2015 10:15:49

7.20 11N40_62 Ant 1



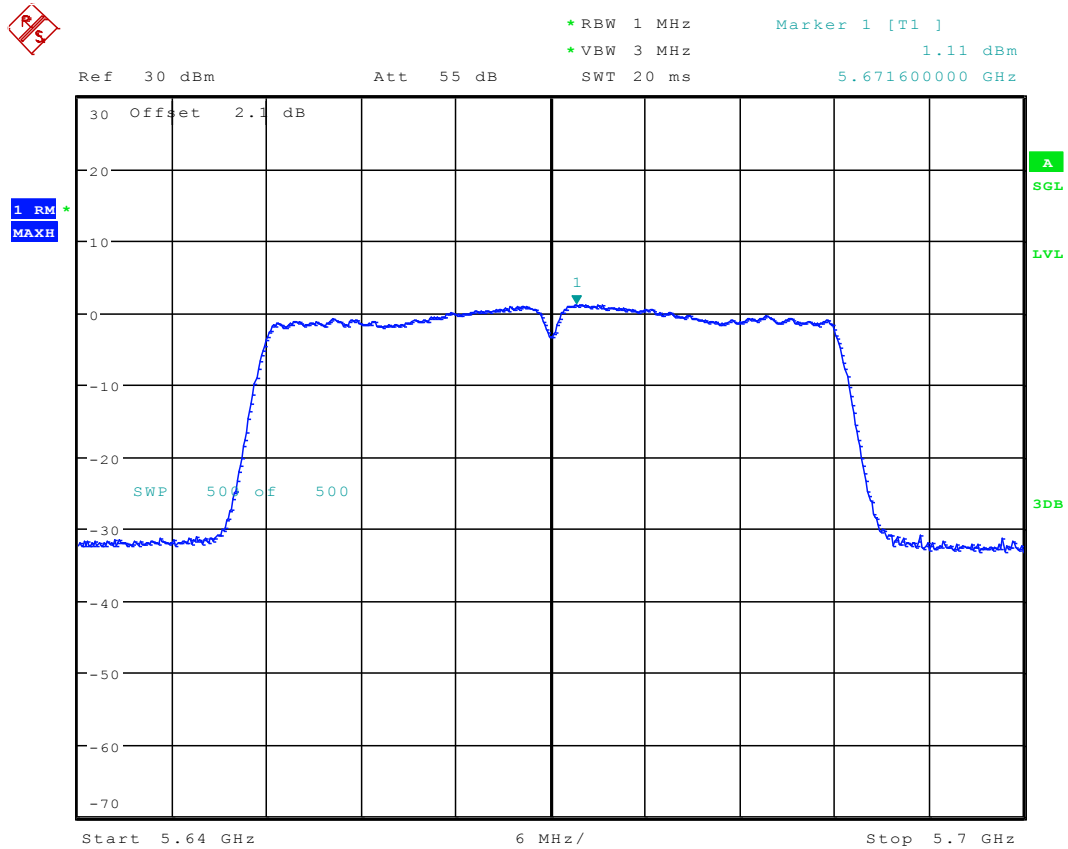
Date: 15.DEC.2015 10:18:39

7.21 11N40_102 Ant 1



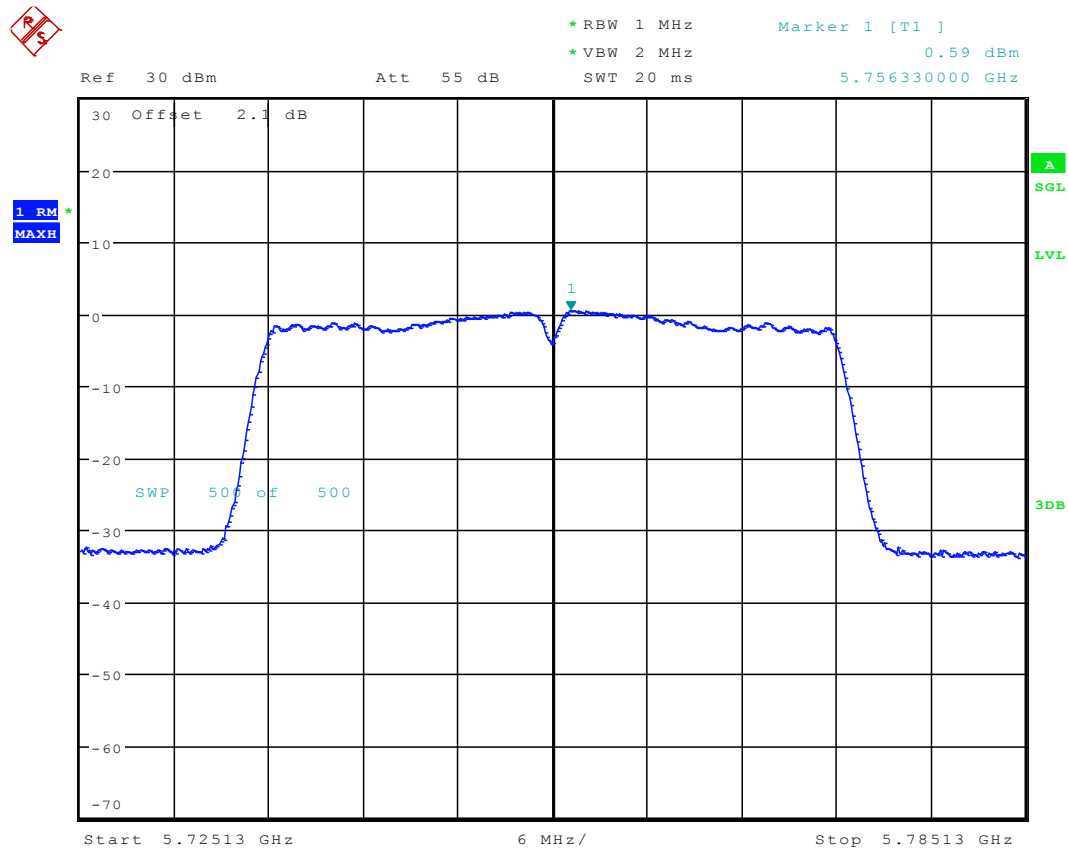
Date: 15.DEC.2015 10:19:48

7.22 11N40_134 Ant 1



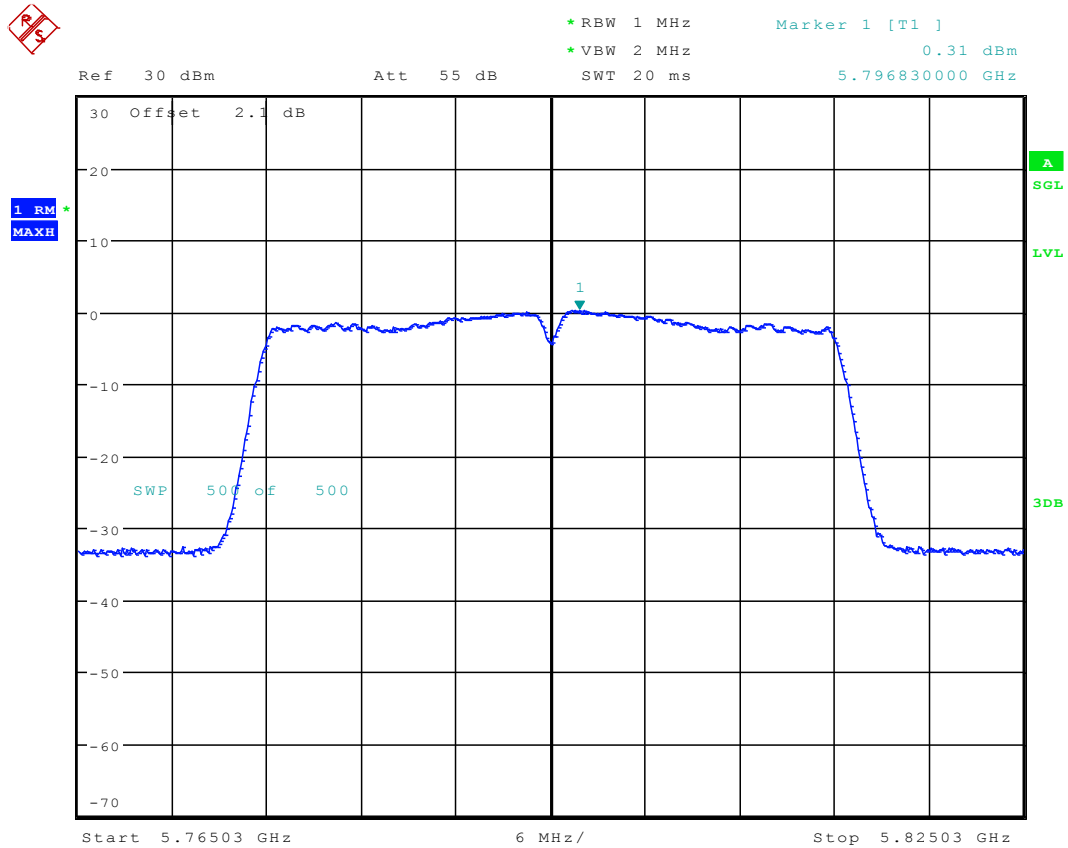
Date: 15.DEC.2015 10:20:59

7.23 11N40_151 Ant 1



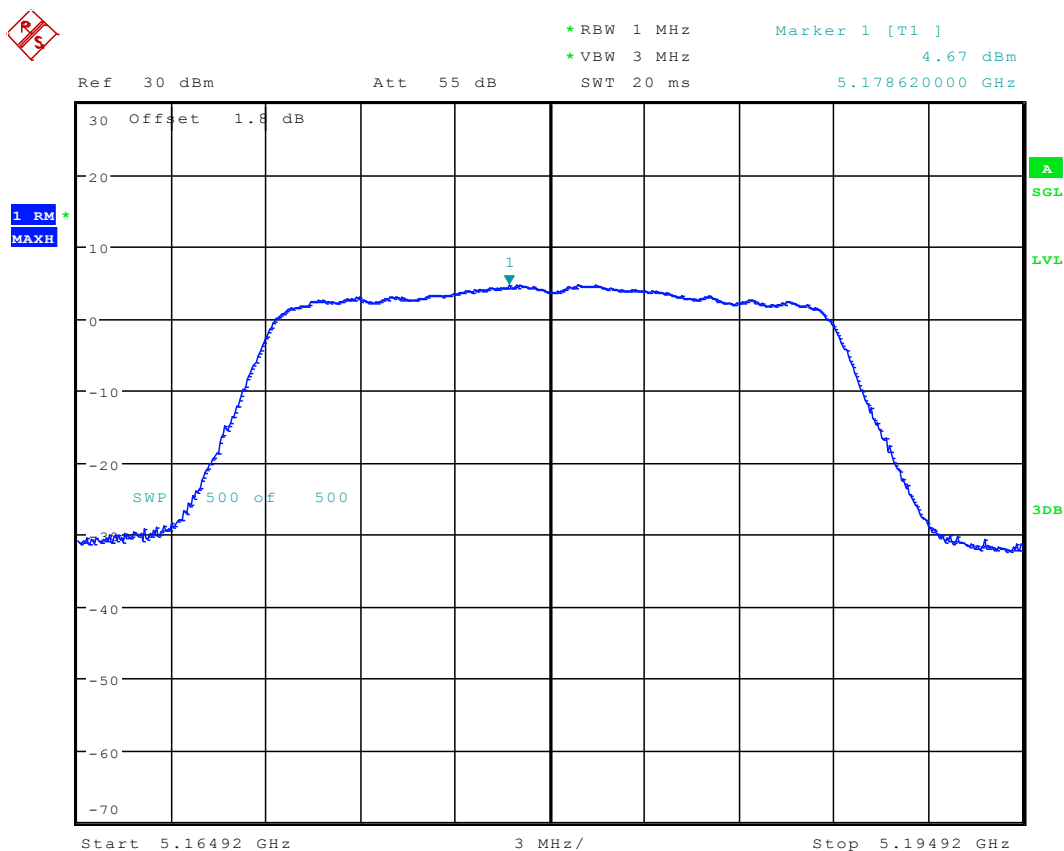
Date: 15.DEC.2015 10:22:39

7.24 11N40_159 Ant 1



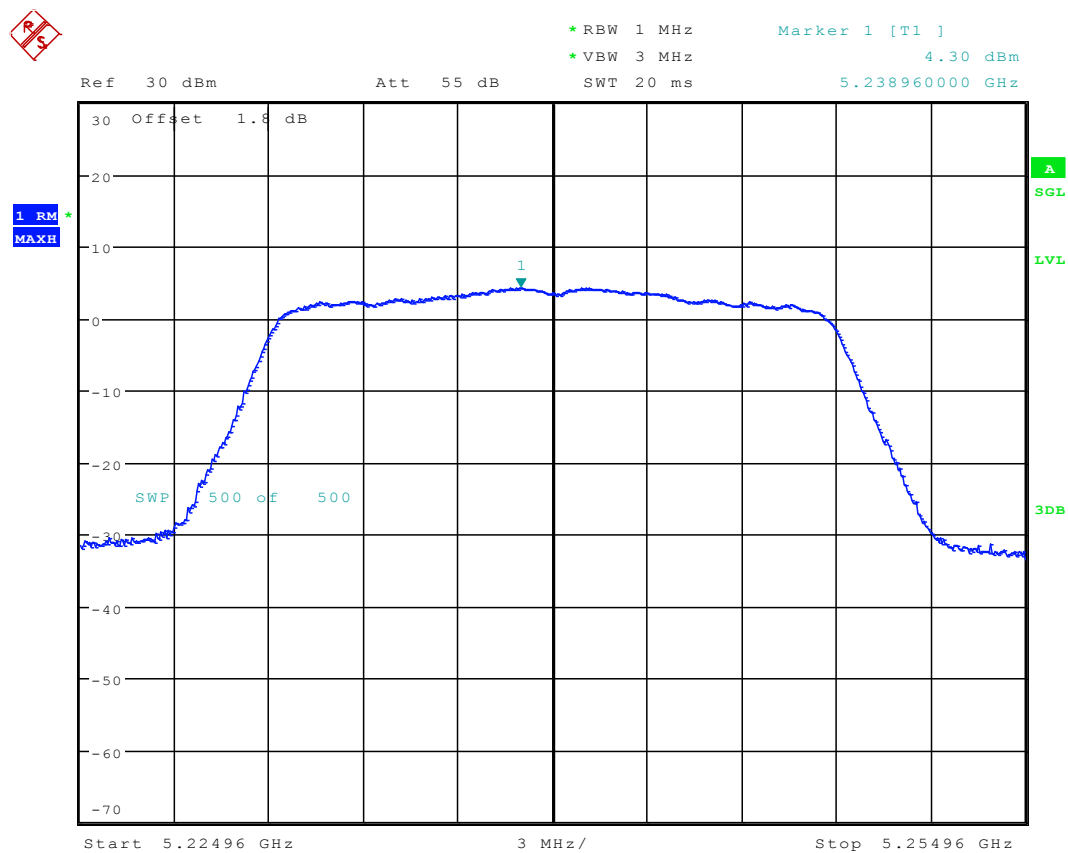
Date: 15.DEC.2015 10:24:08

7.25 11AC20_36 Ant 1



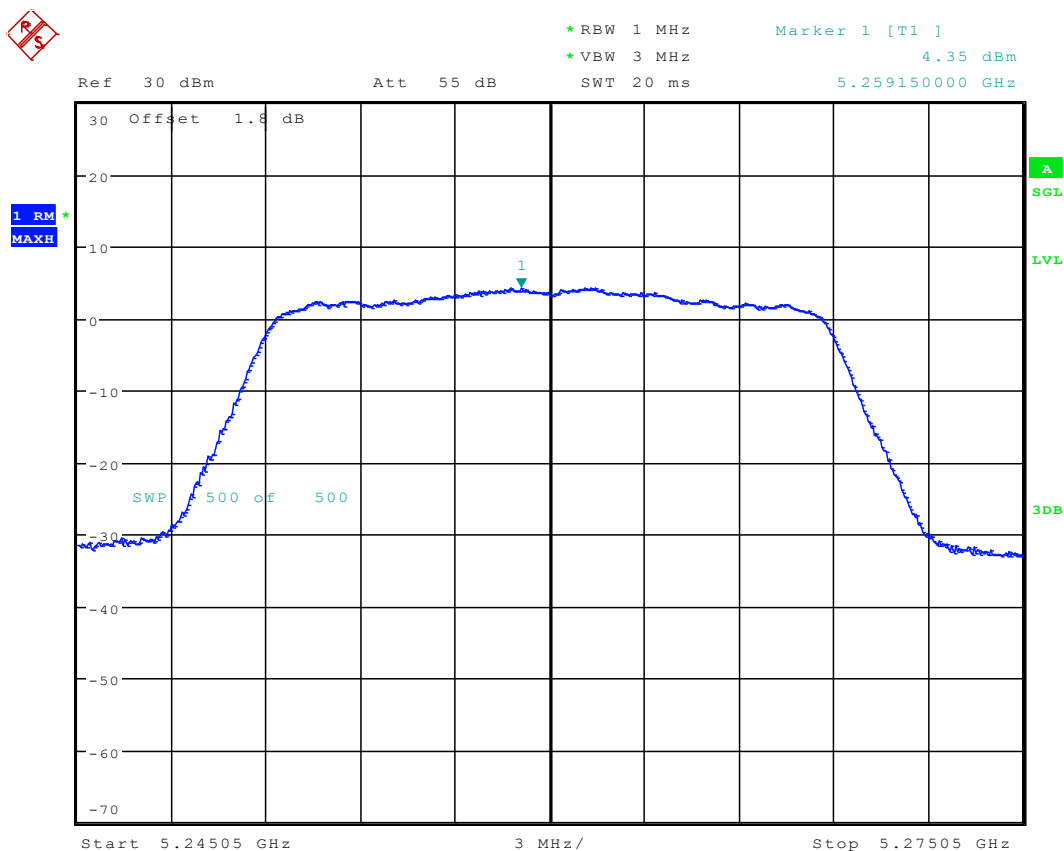
Date: 15.DEC.2015 10:26:59

7.26 11AC20_48 Ant 1



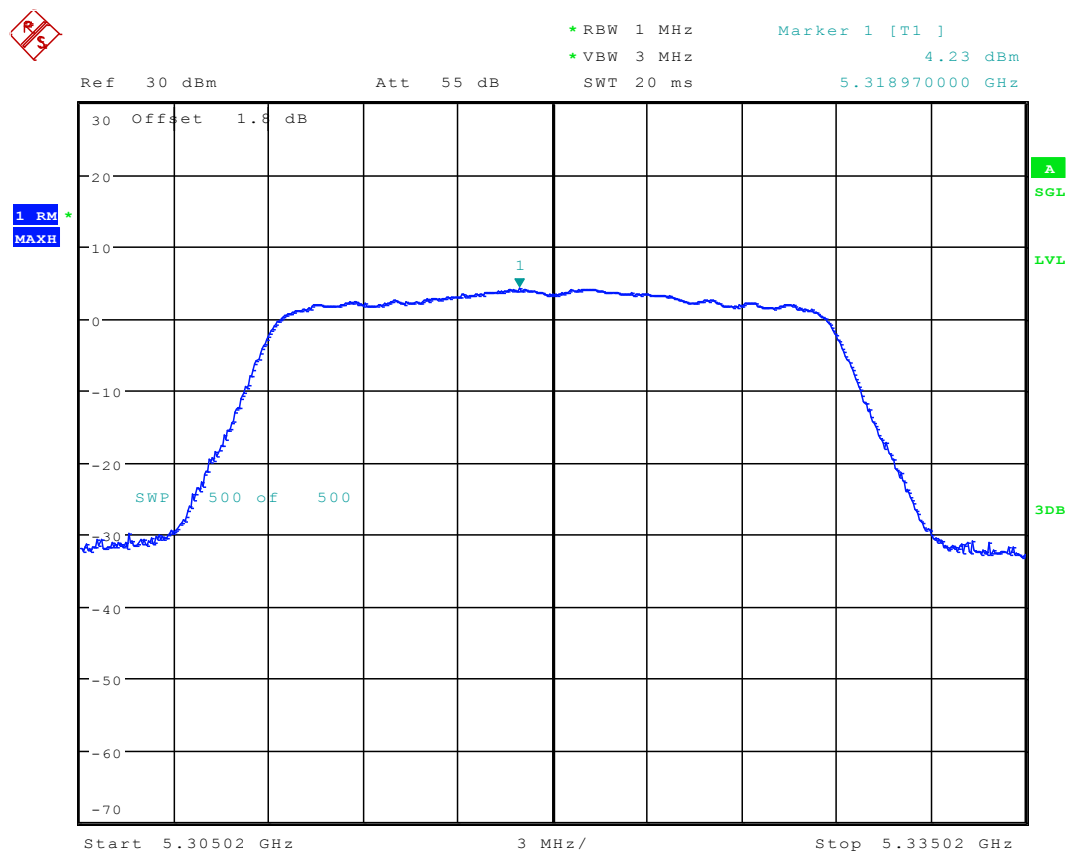
Date: 15.DEC.2015 10:28:19

7.27 11AC20_52 Ant 1



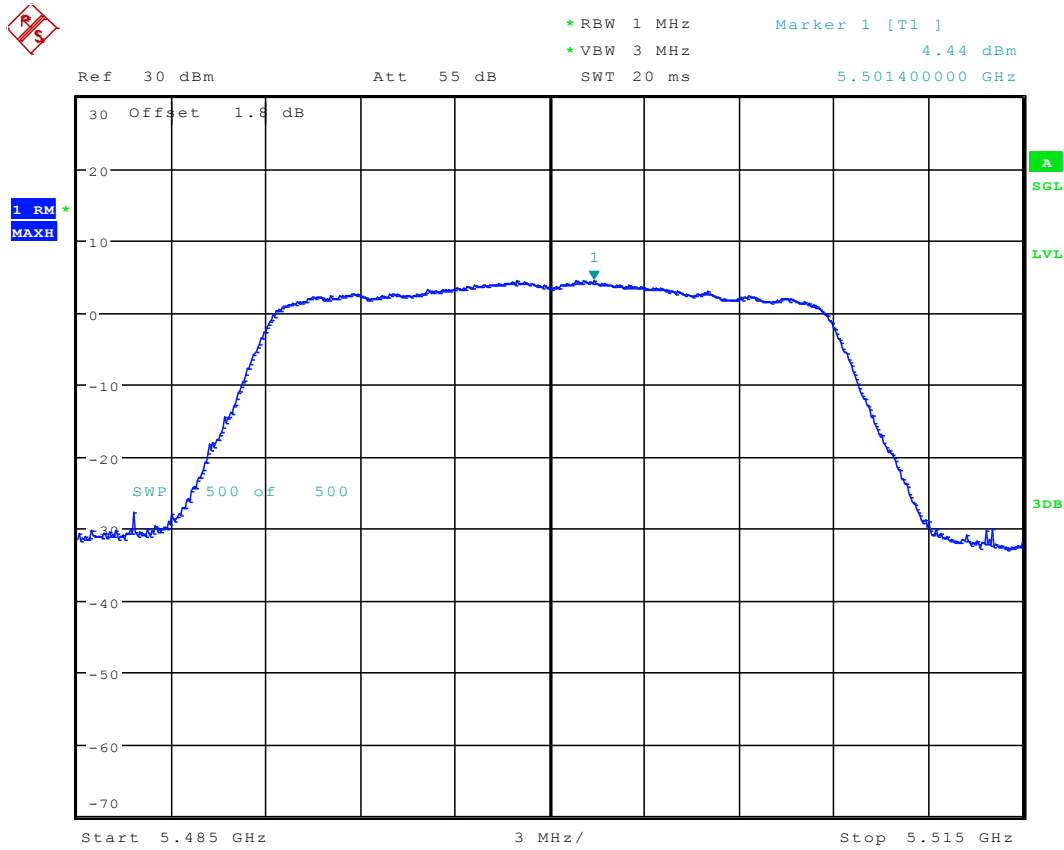
Date: 15.DEC.2015 10:29:34

7.28 11AC20_64 Ant 1



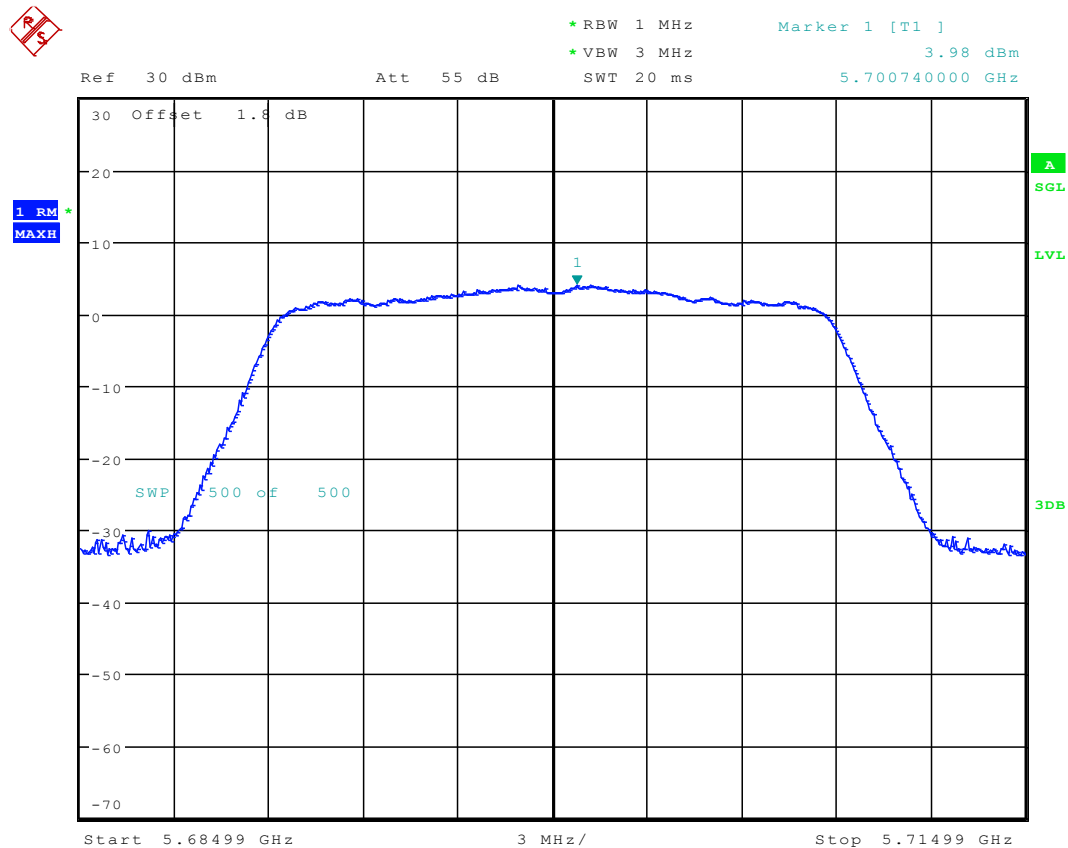
Date: 15.DEC.2015 10:30:34

7.29 11AC20_100 Ant 1



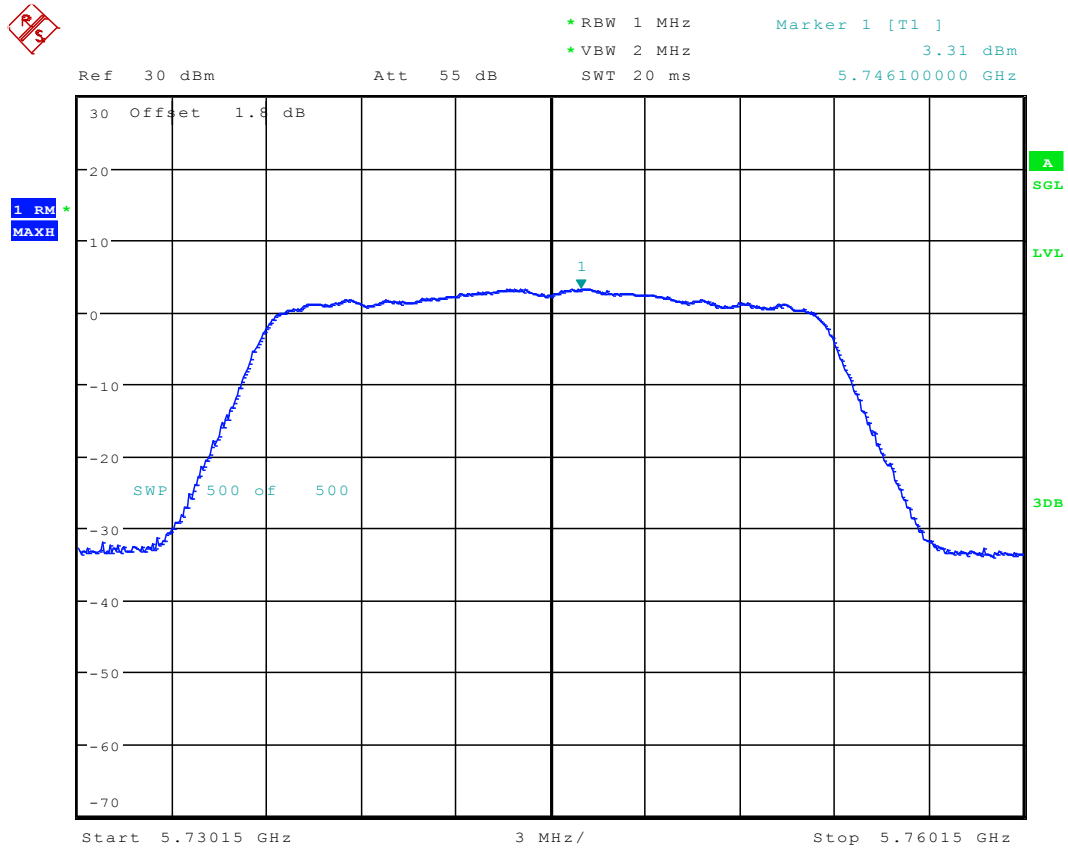
Date: 15.DEC.2015 10:32:45

7.30 11AC20_140 Ant 1



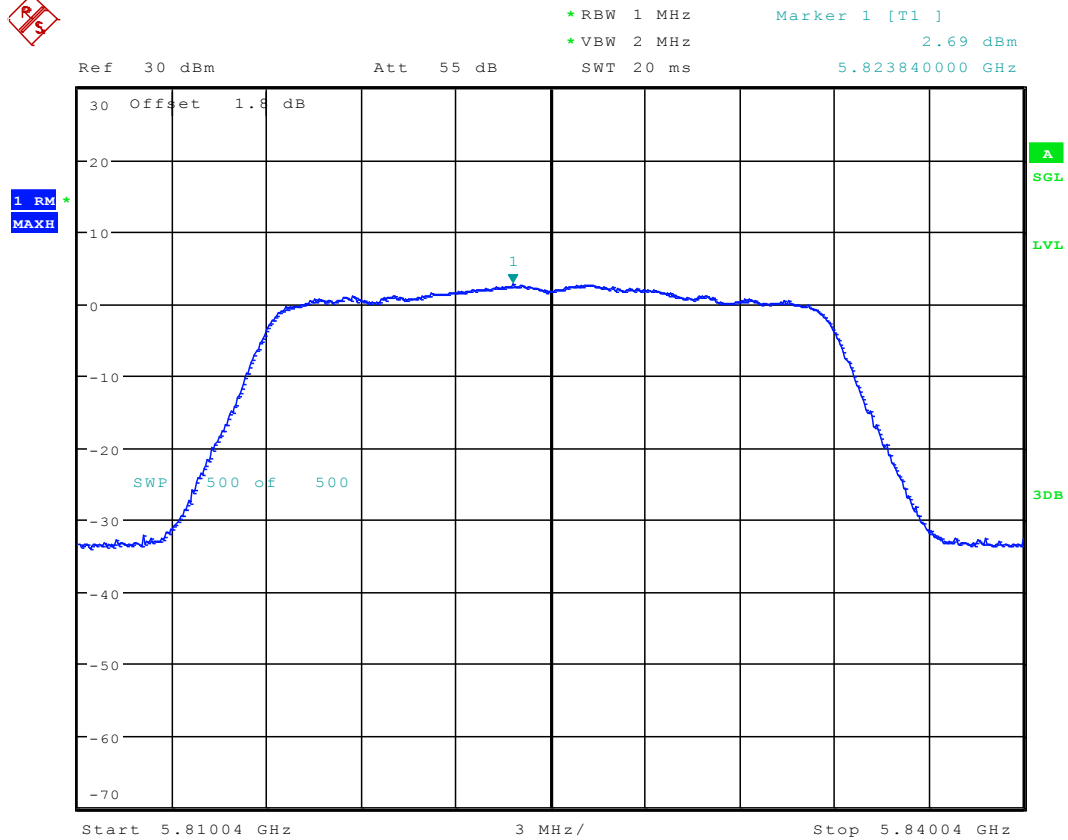
Date: 15.DEC.2015 10:34:09

7.31 11AC20_149 Ant 1



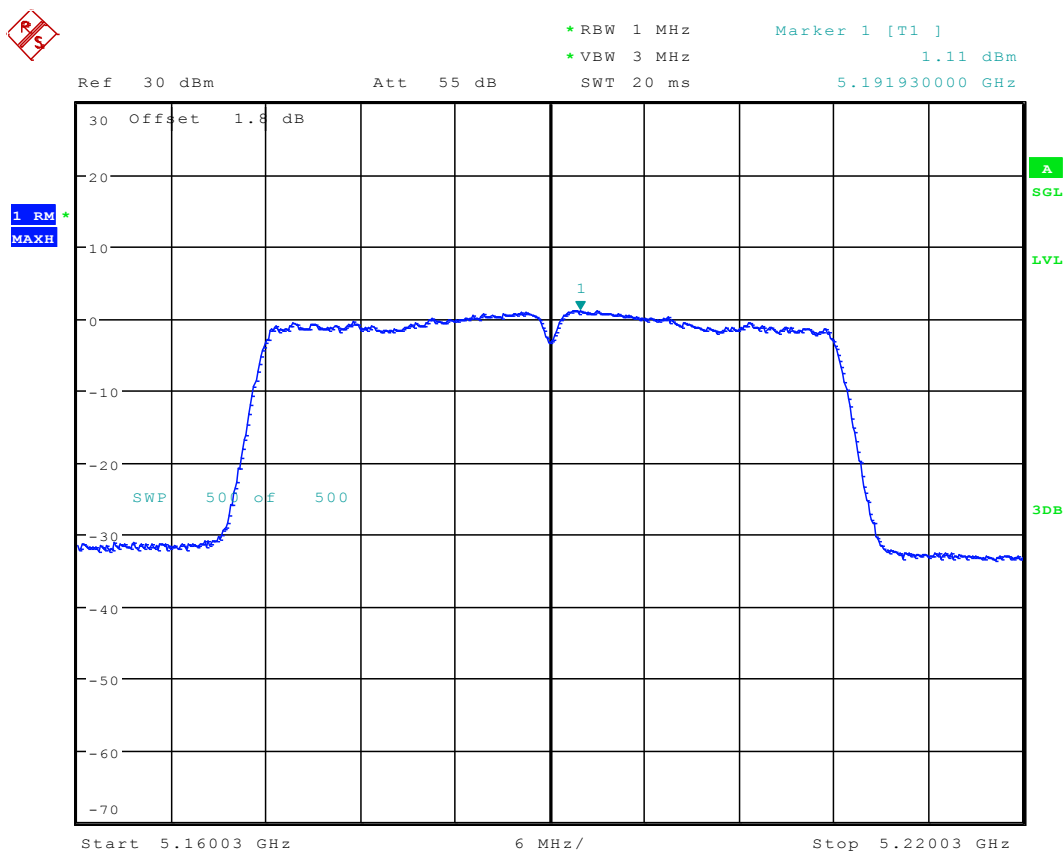
Date: 15.DEC.2015 10:36:42

7.32 11AC20_165 Ant 1



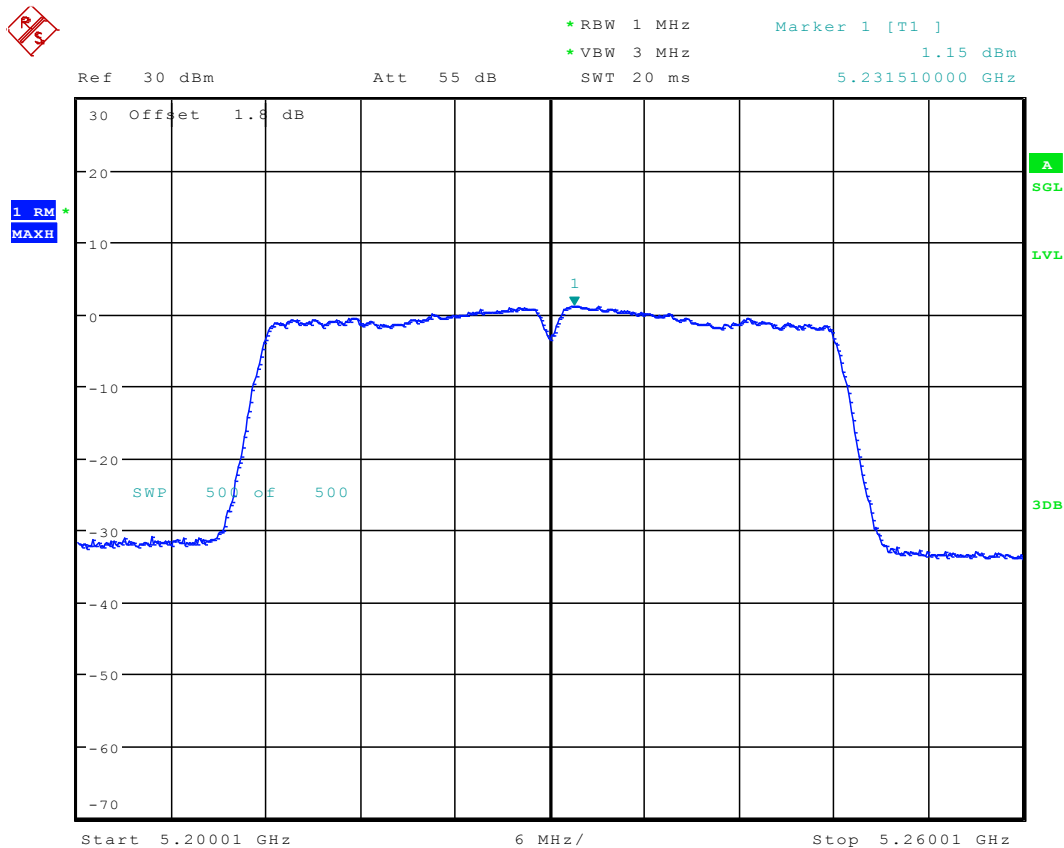
Date: 15.DEC.2015 10:38:15

7.33 11AC40_38 Ant 1



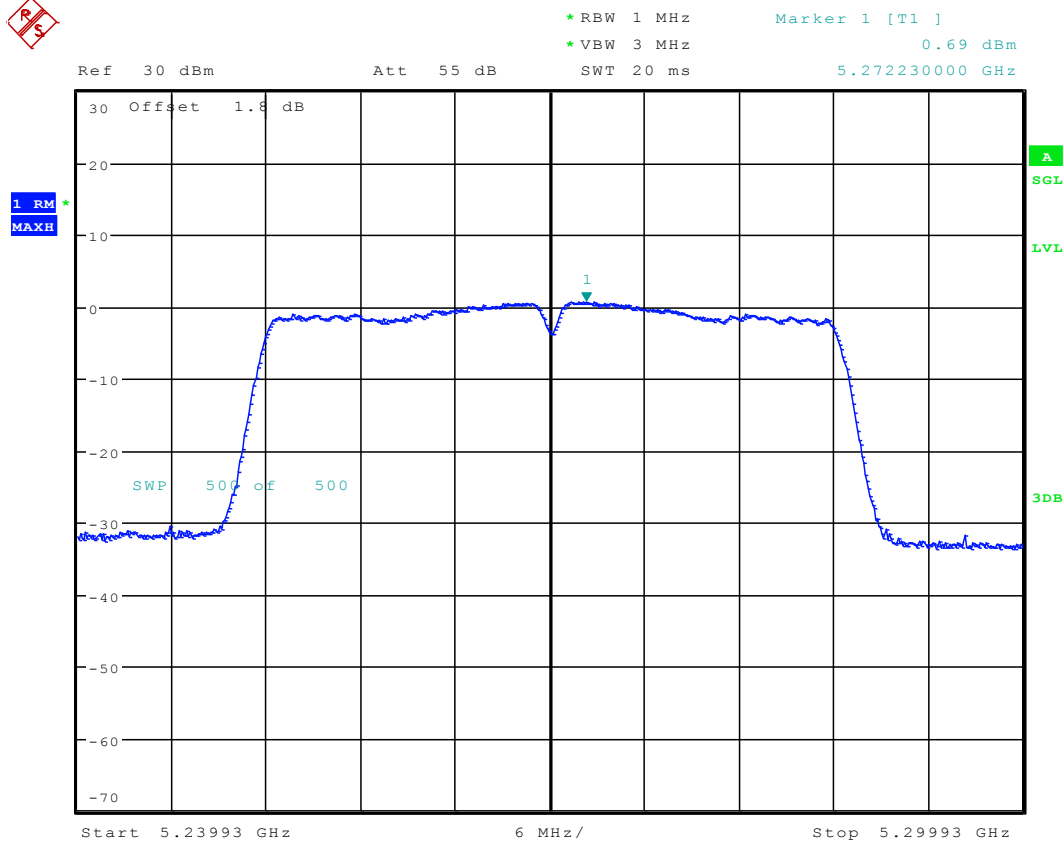
Date: 15.DEC.2015 10:39:45

7.34 11AC40_46 Ant 1



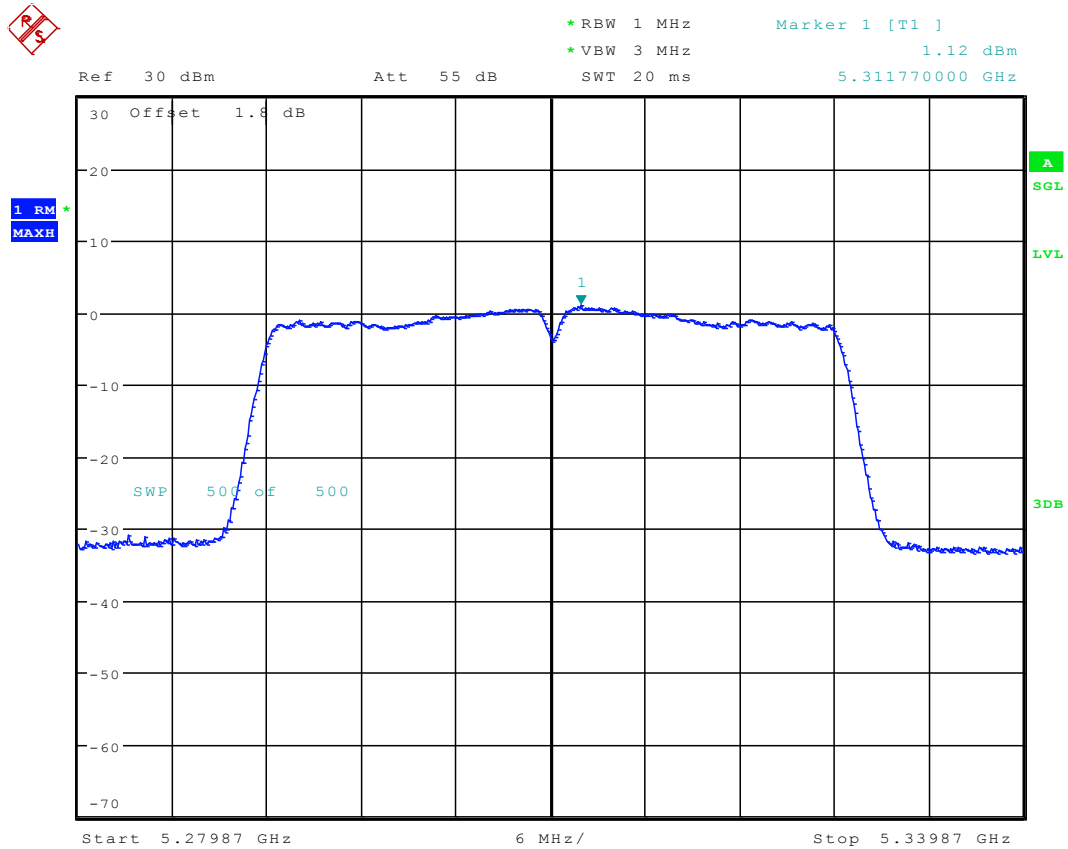
Date: 15.DEC.2015 10:43:18

7.35 11AC40_54 Ant 1



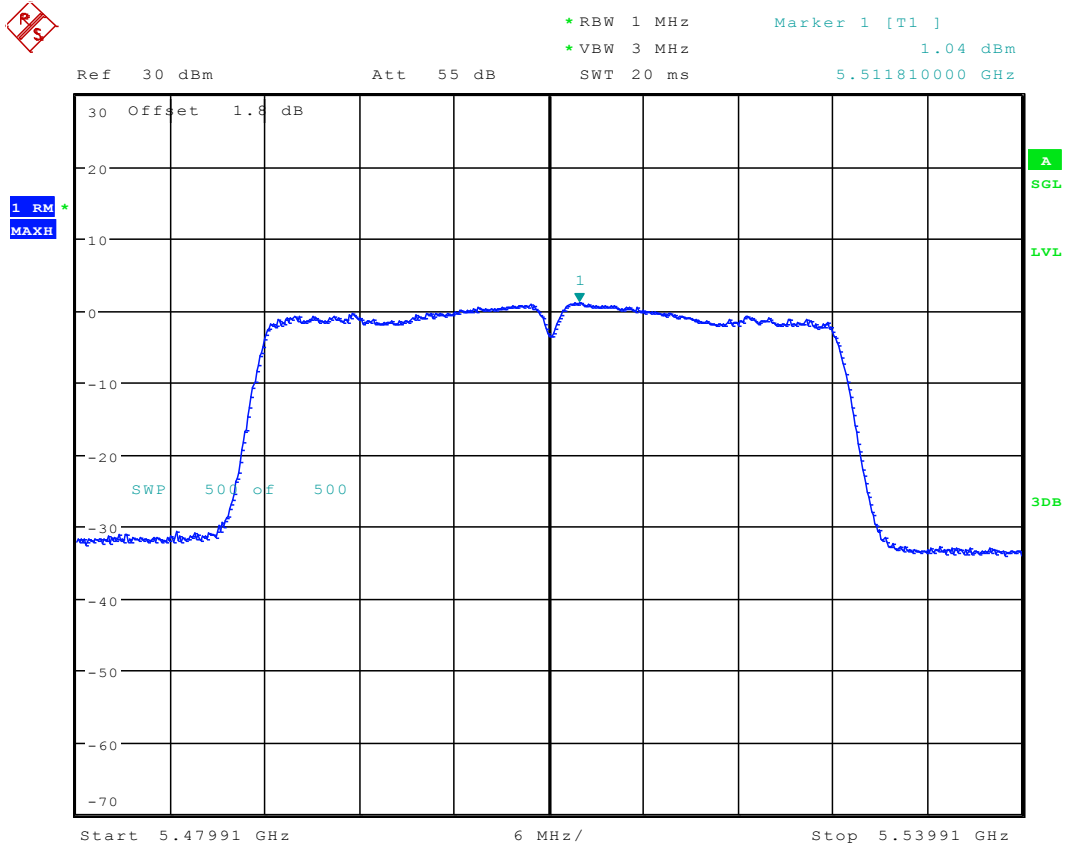
Date: 15.DEC.2015 10:47:25

7.36 11AC40_62 Ant 1



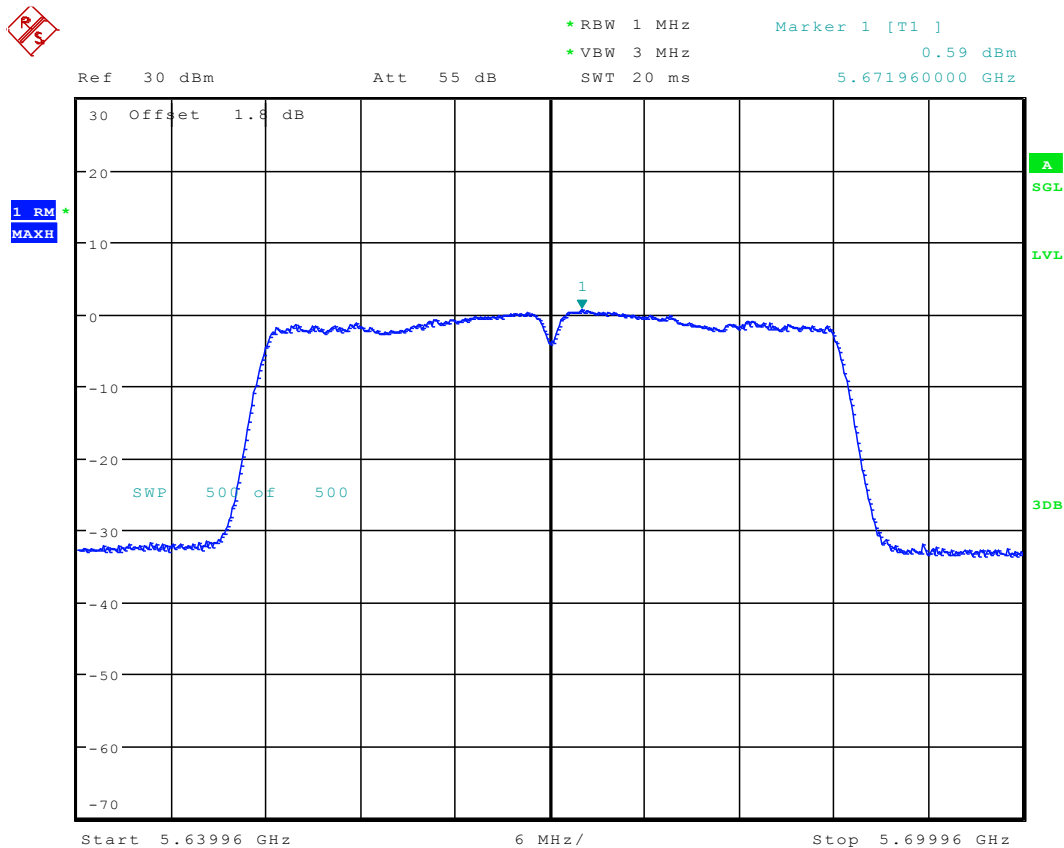
Date: 15.DEC.2015 10:49:01

7.37 11AC40_102 Ant 1



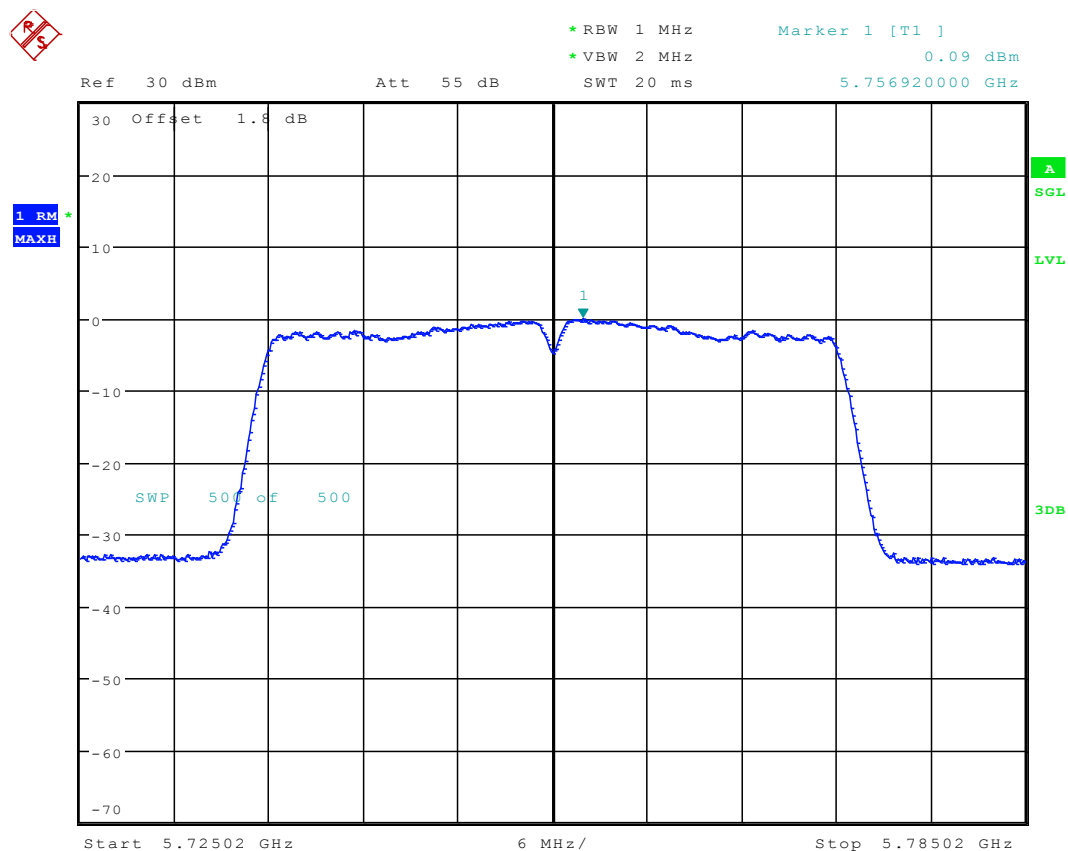
Date: 15.DEC.2015 10:50:14

7.38 11AC40_134 Ant 1



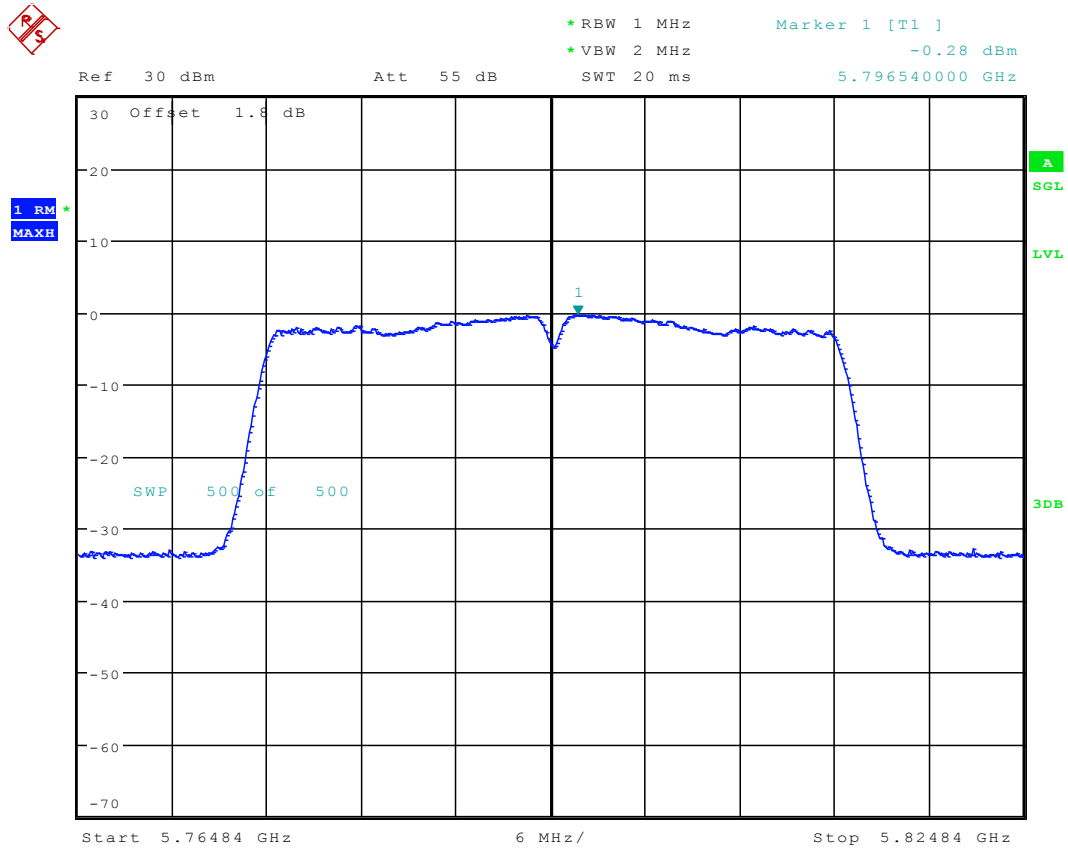
Date: 15.DEC.2015 10:51:42

7.39 11AC40_151 Ant 1



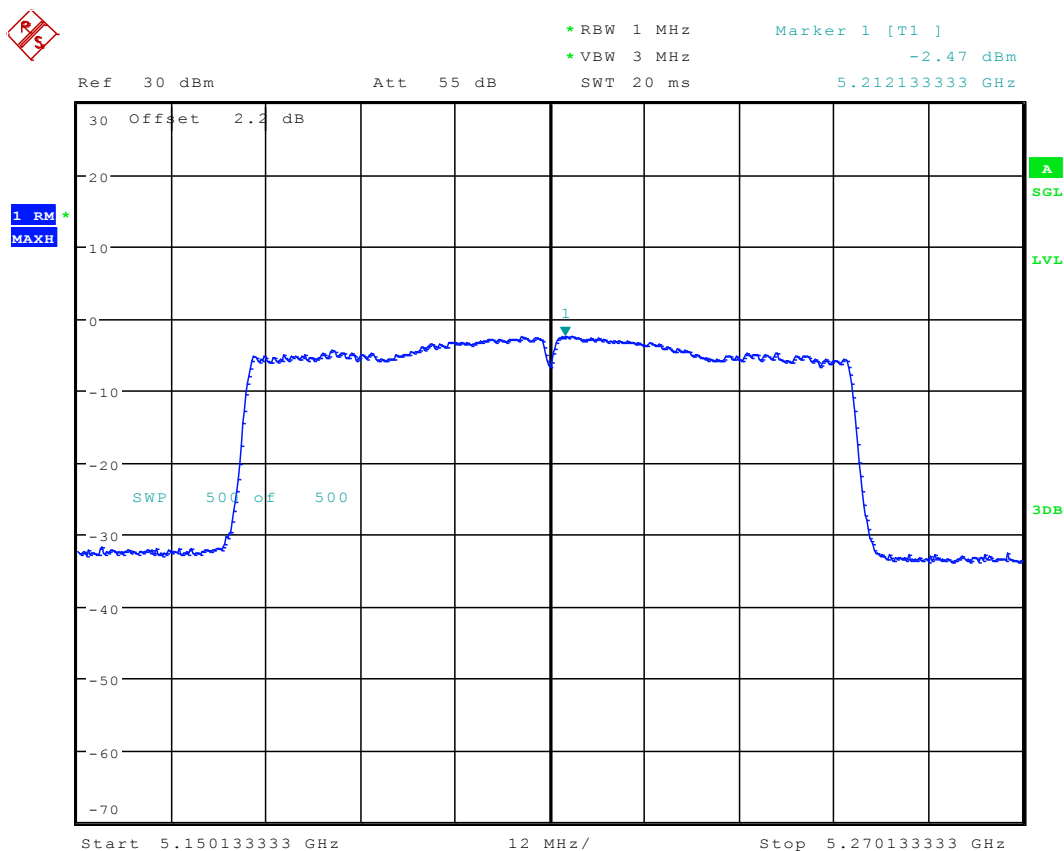
Date: 15.DEC.2015 10:55:10

7.40 11AC40_159 Ant 1



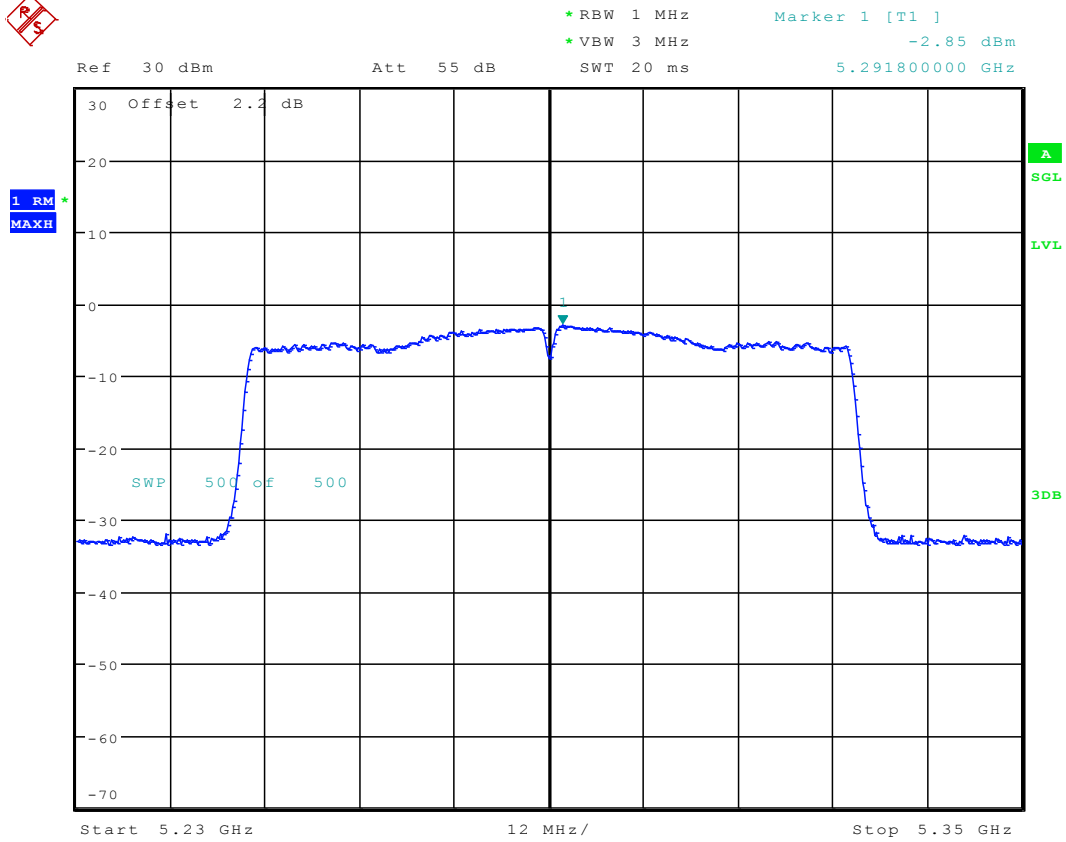
Date: 15.DEC.2015 10:57:07

7.41 11AC80_42 Ant 1



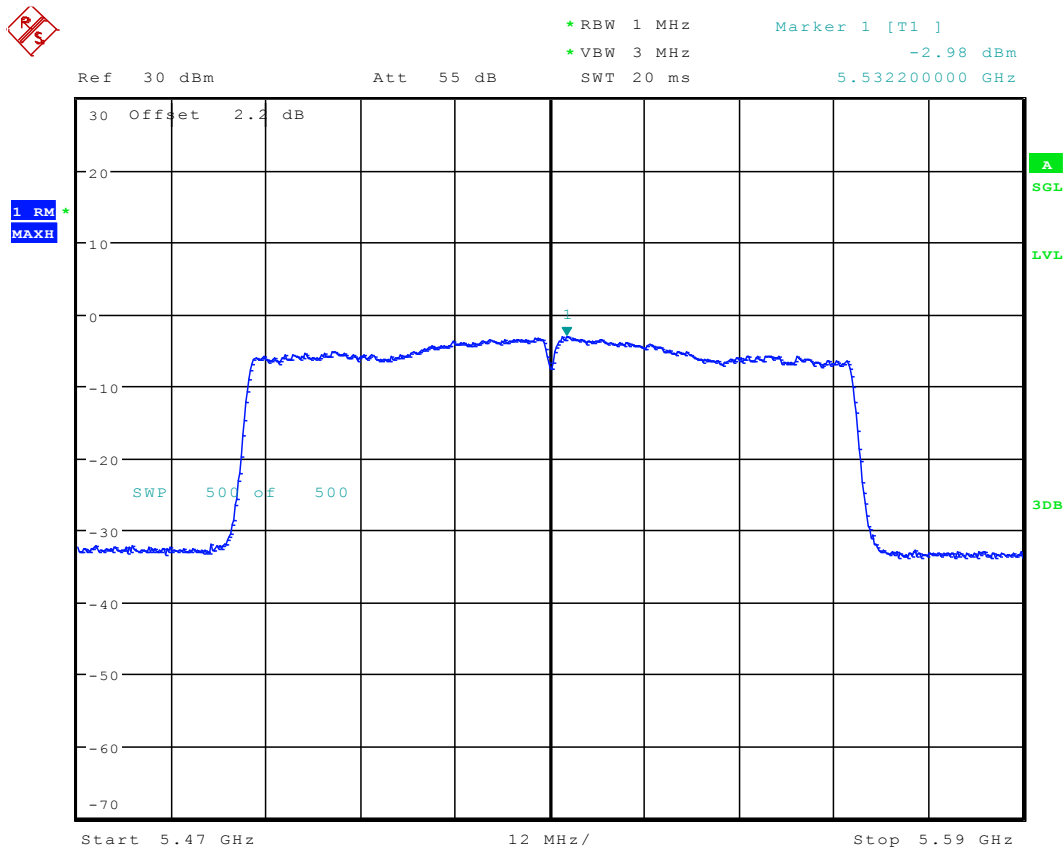
Date: 15.DEC.2015 10:58:46

7.42 11AC80_58 Ant 1



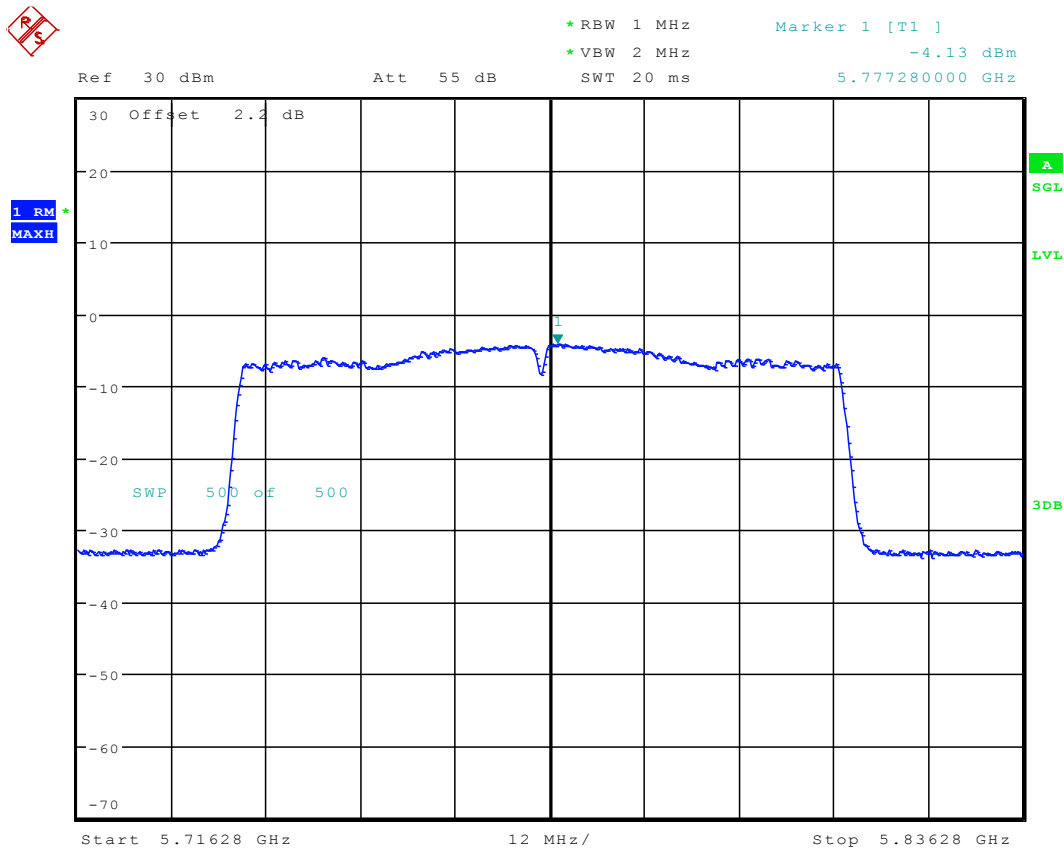
Date: 15.DEC.2015 11:00:12

7.43 11AC80_106 Ant 1



Date: 15.DEC.2015 11:01:45

7.44 11AC80_155 Ant 1

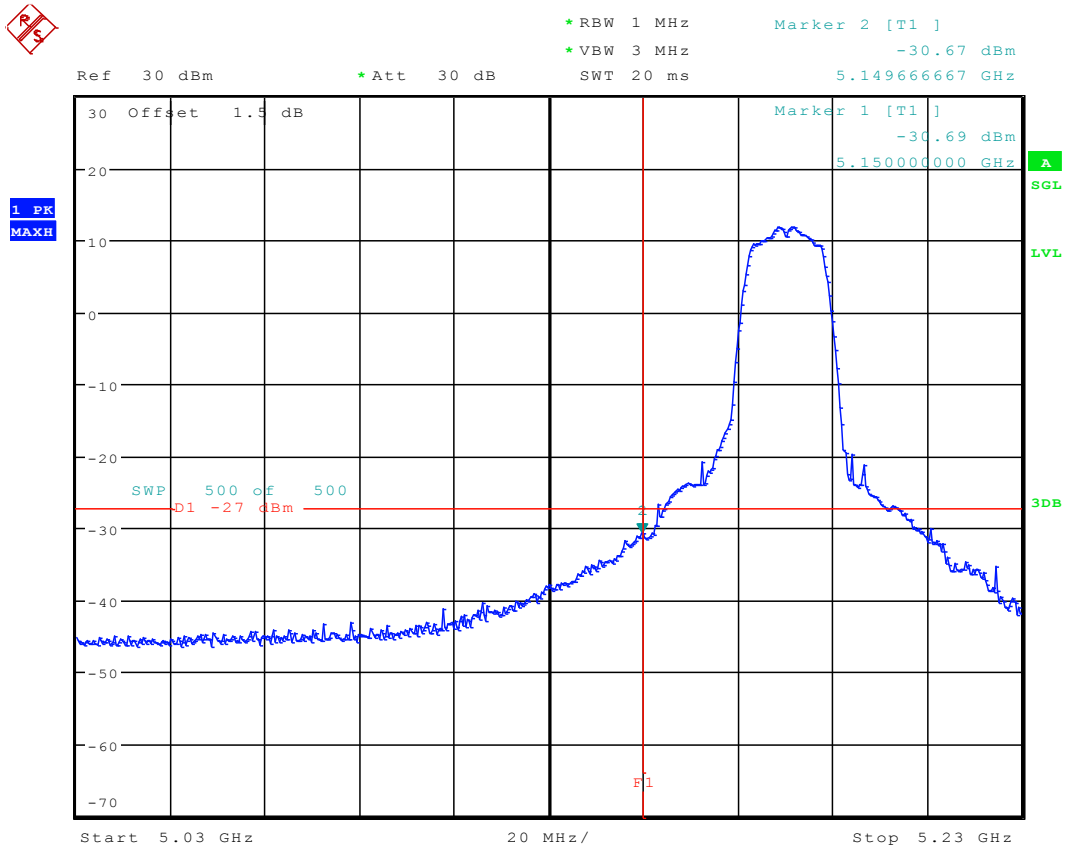


Date: 15.DEC.2015 11:03:58

Appendix E: Unwanted Emissions into Non-Restricted Frequency Bands

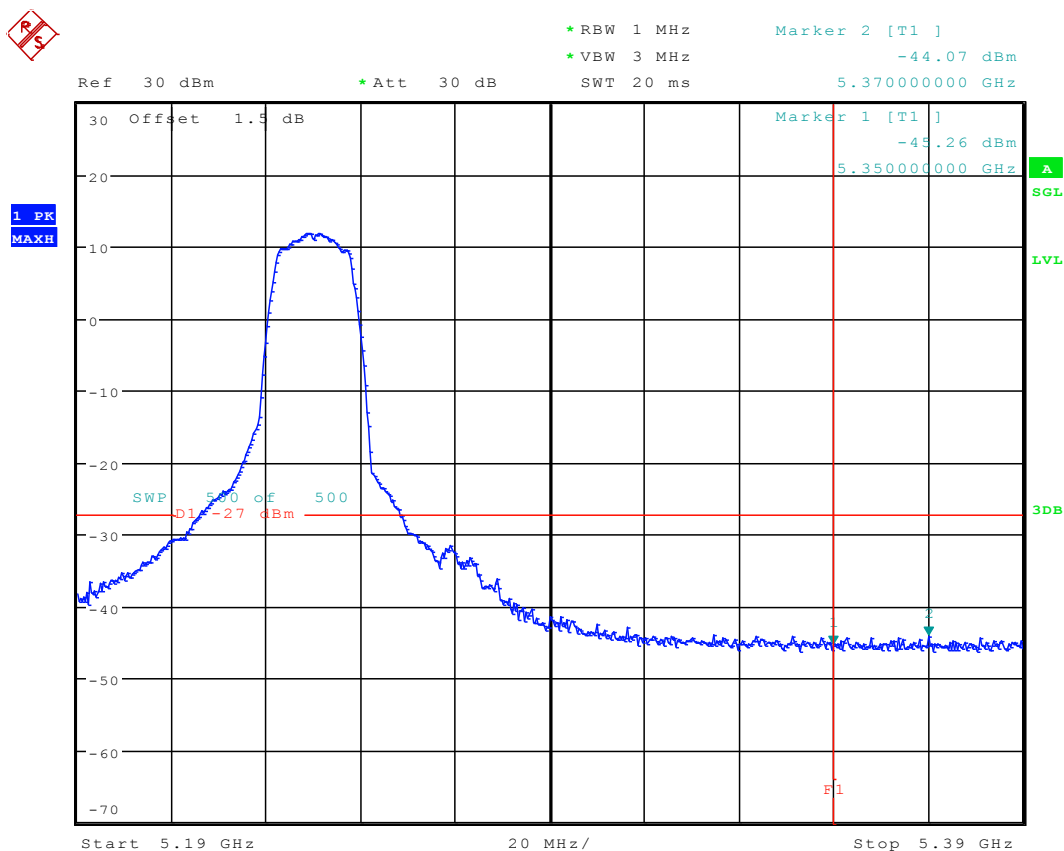
8 Test Plot

8.1 11A_36 Ant 1



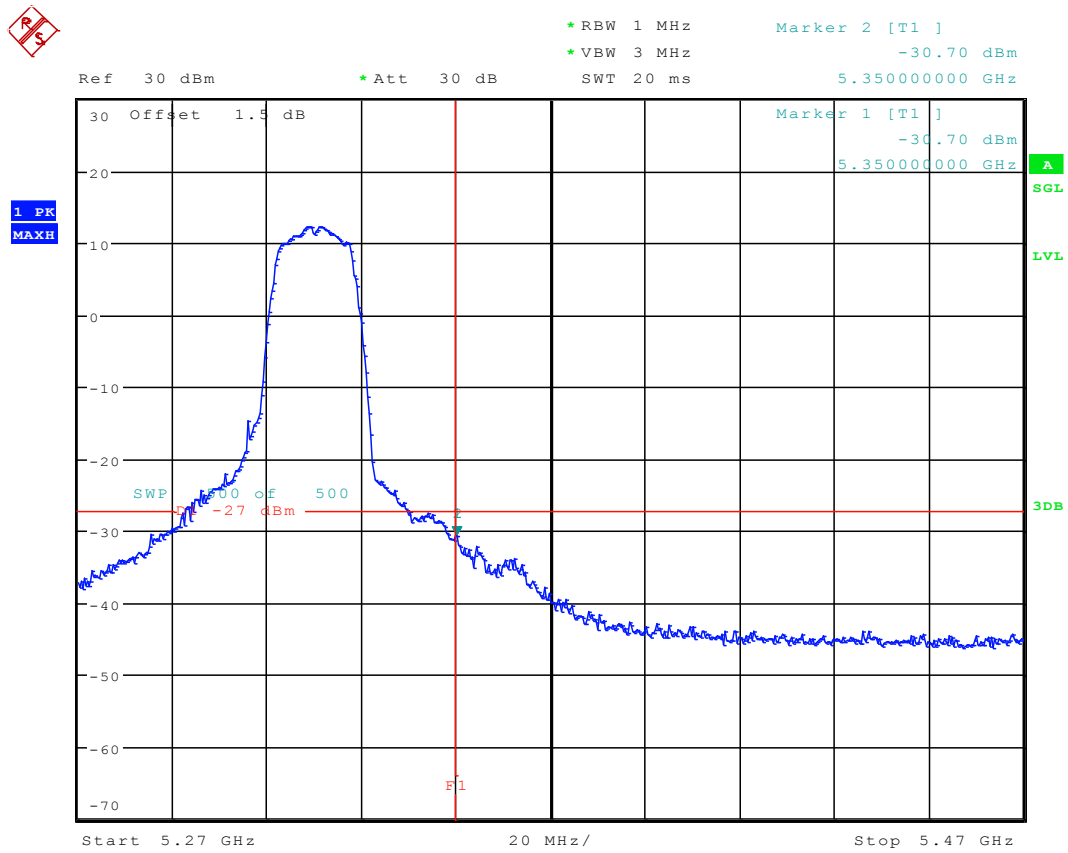
Date: 26.NOV.2015 18:03:29

8.2 11A_48 Ant 1



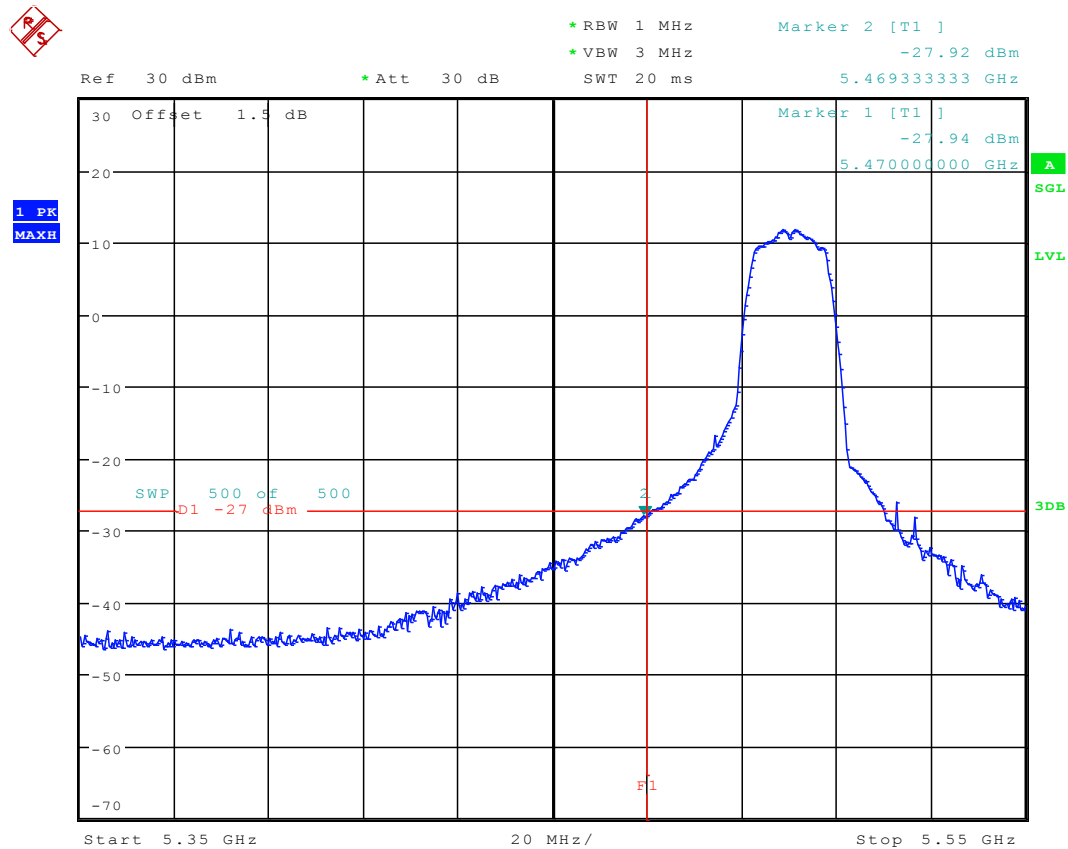
Date: 26.NOV.2015 18:08:15

8.4 11A_64 Ant 1



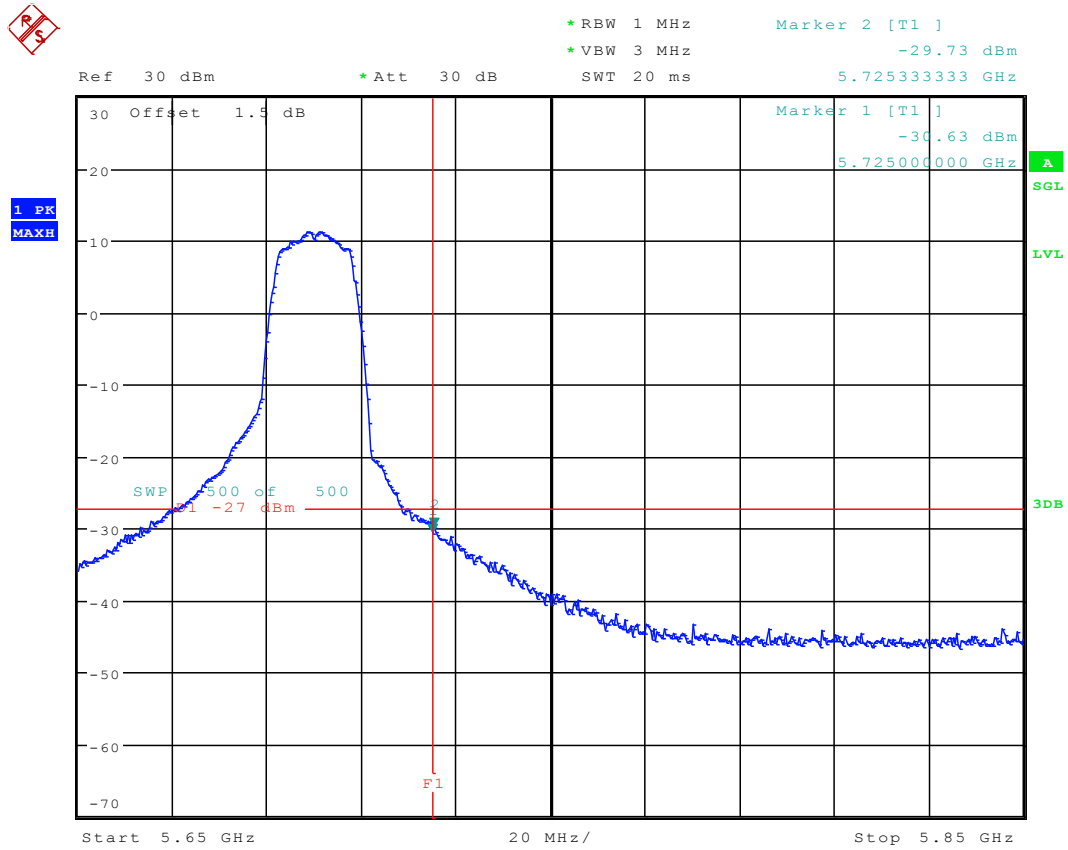
Date: 26.NOV.2015 18:23:11

8.5 11A_100 Ant 1



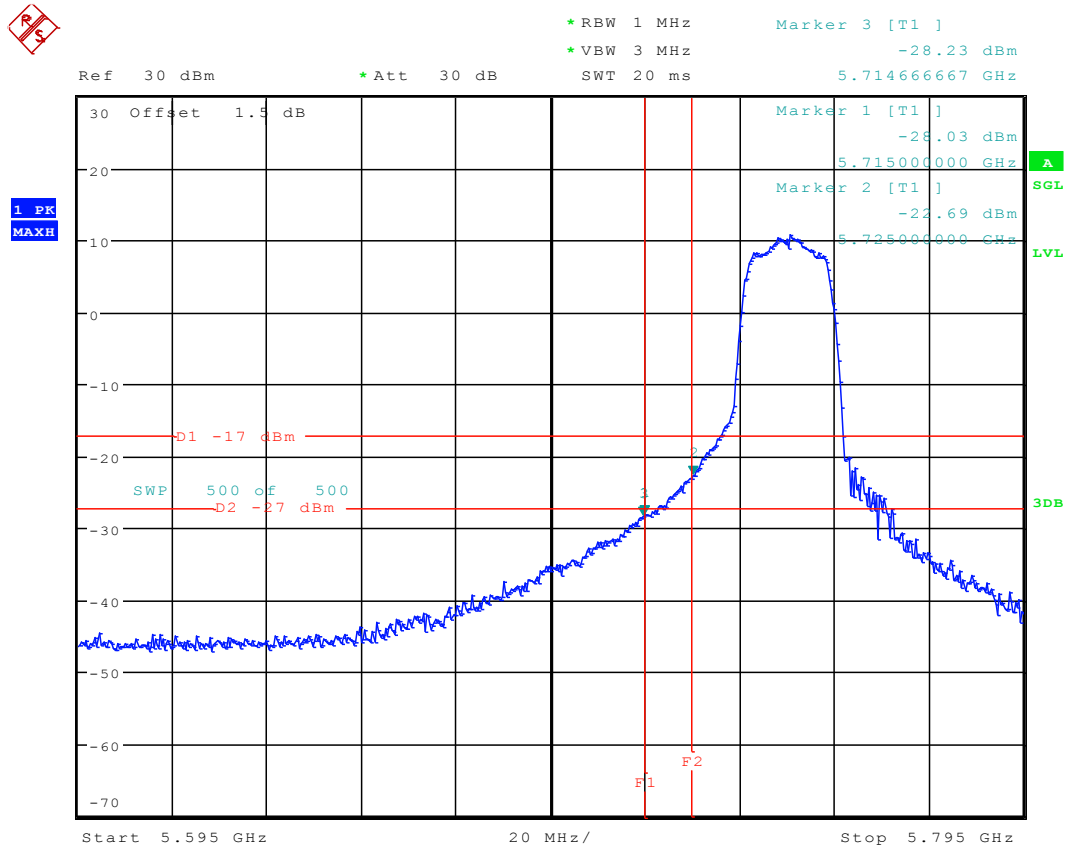
Date: 26.NOV.2015 18:32:03

8.6 11A_140 Ant 1



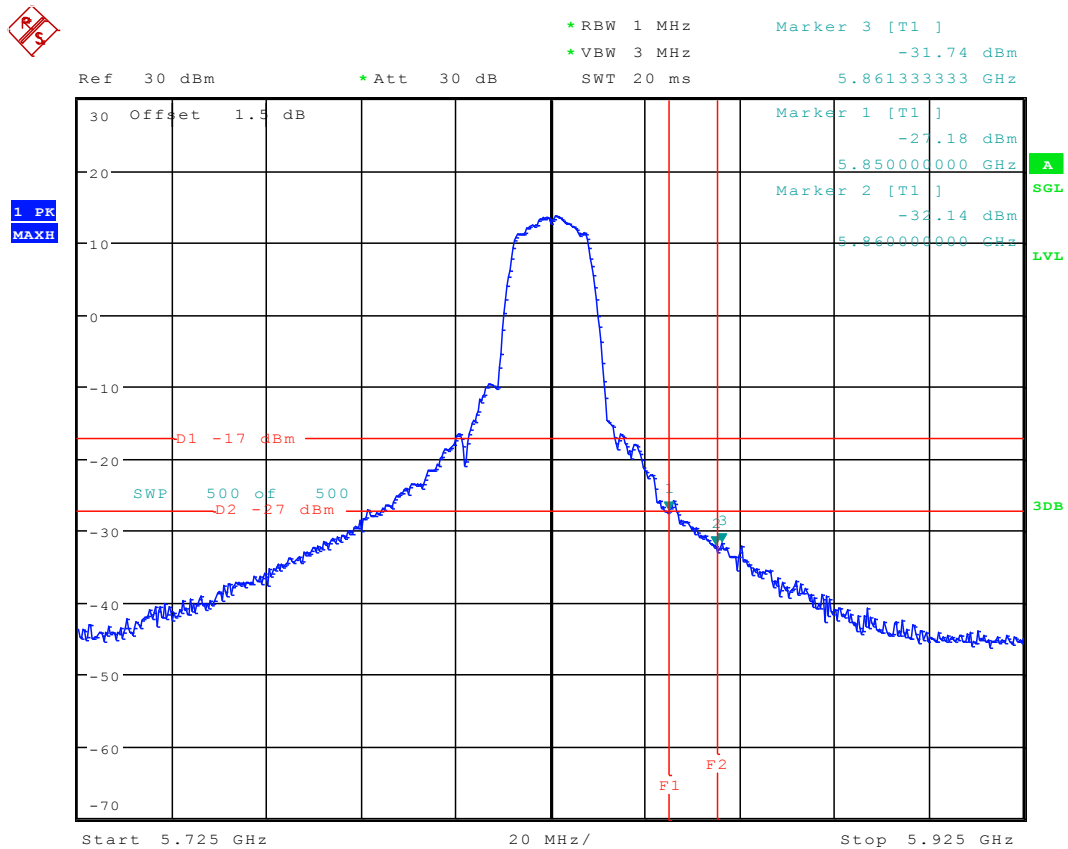
Date: 26.NOV.2015 18:36:33

8.7 11A_149 Ant 1



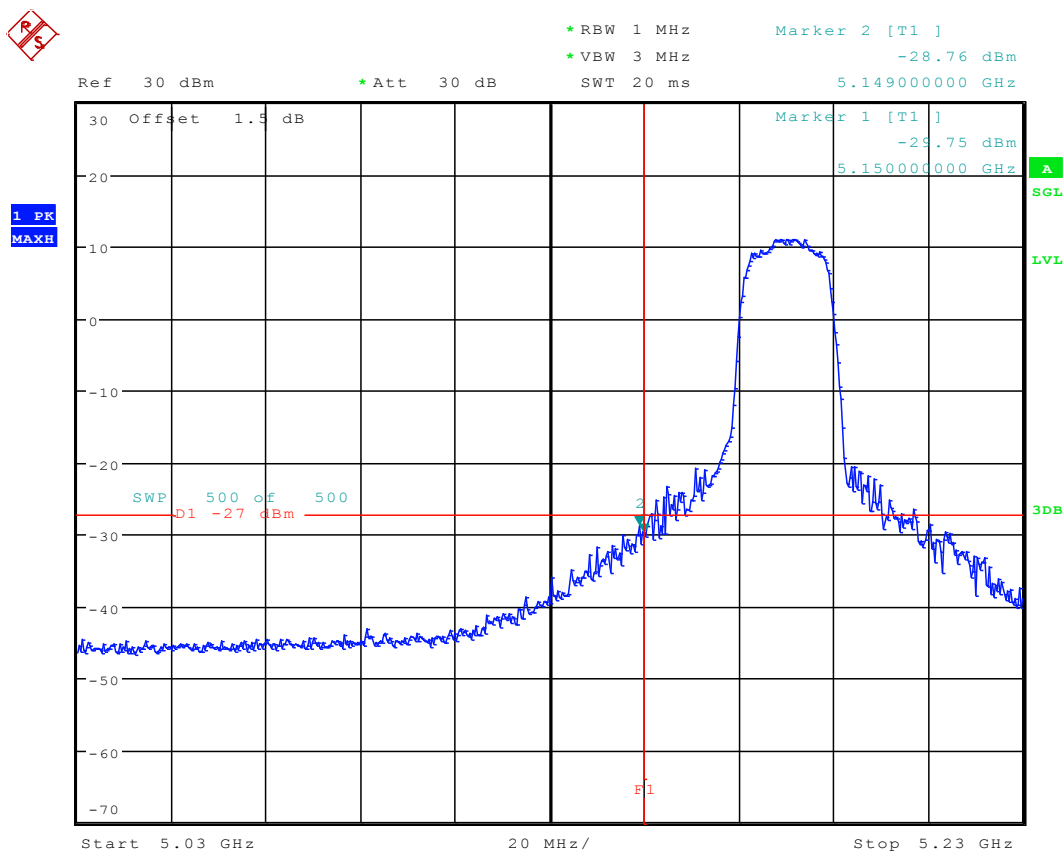
Date: 17.NOV.2015 10:30:55

8.8 11A_165 Ant 1



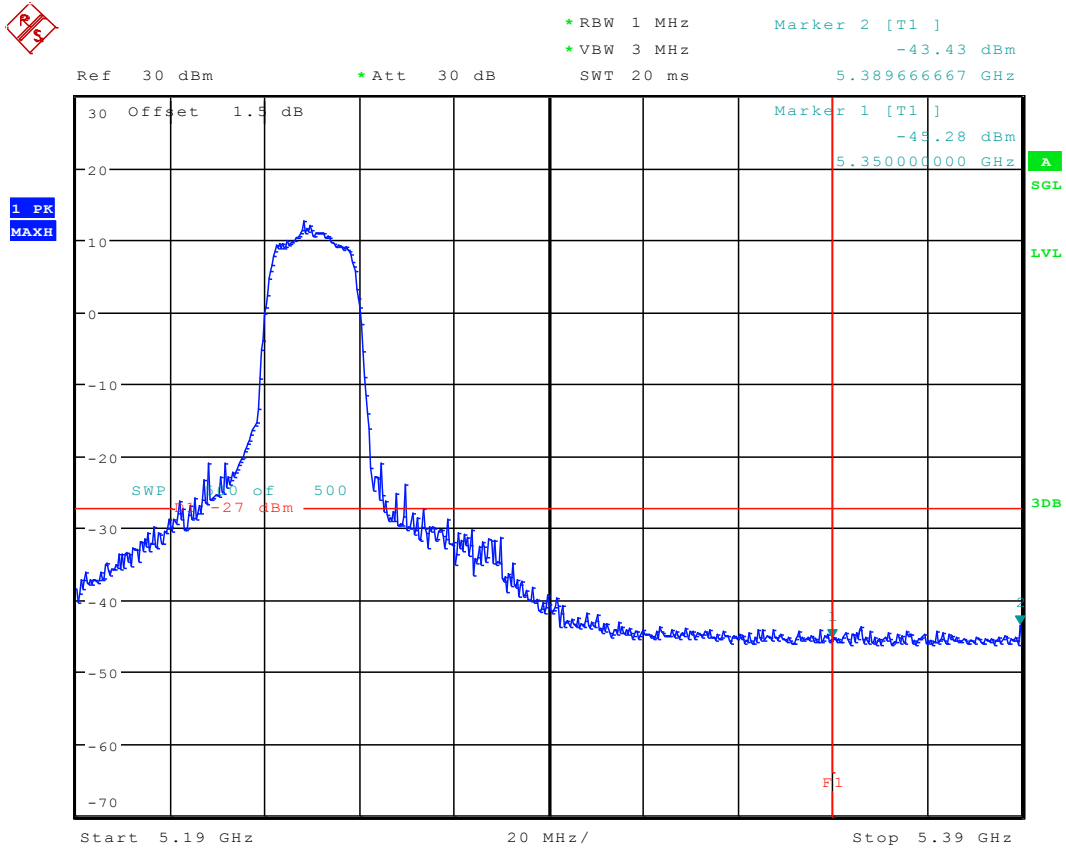
Date: 26.NOV.2015 18:48:25

8.9 11N20_36 Ant 1



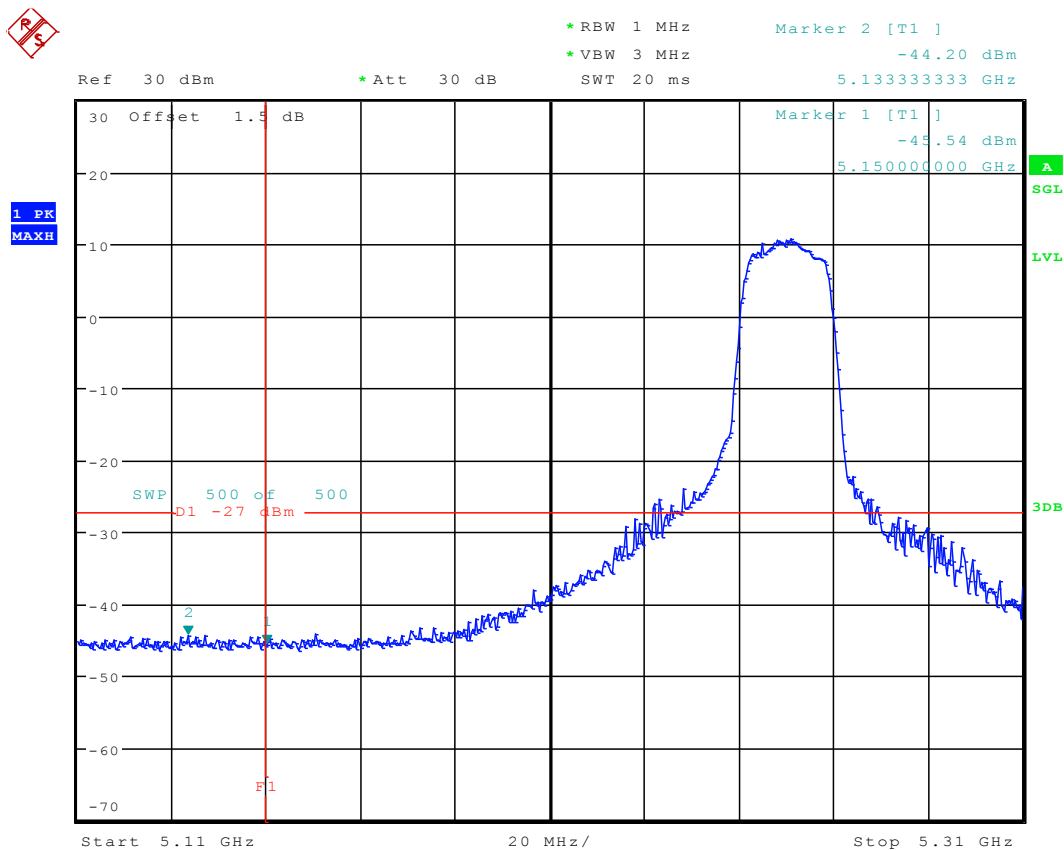
Date: 26.NOV.2015 15:15:57

8.10 11N20_48 Ant 1



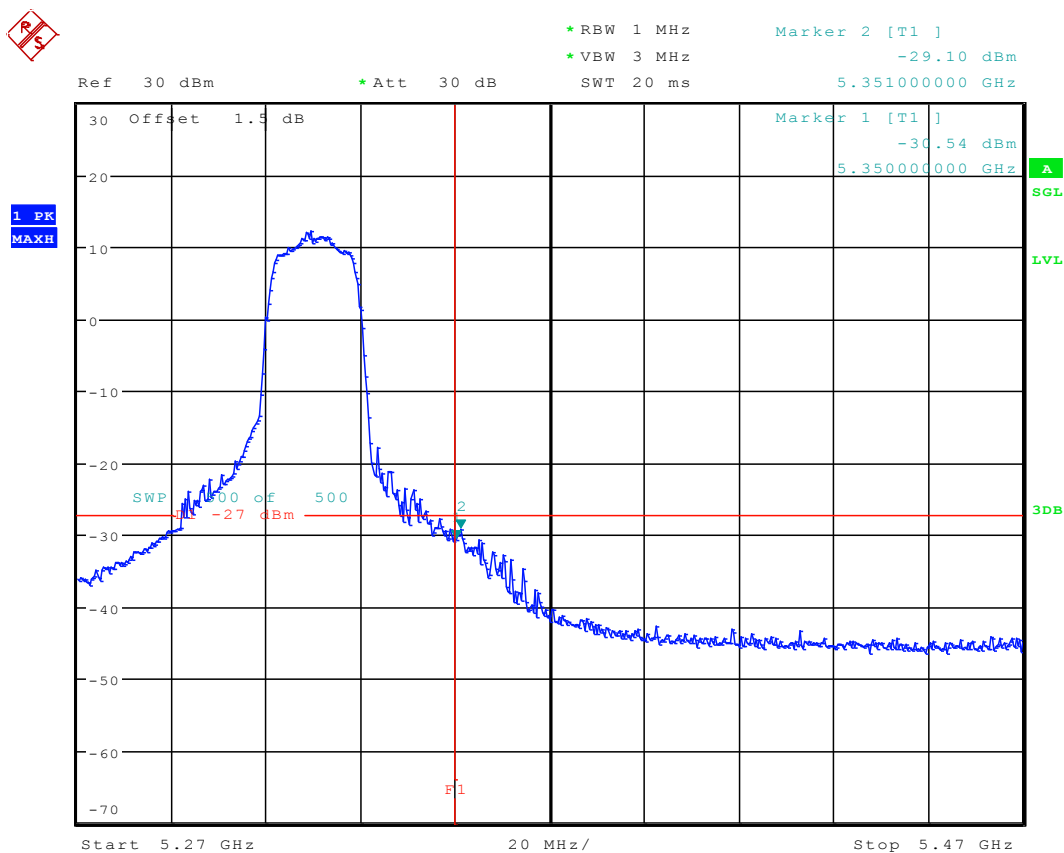
Date: 26.NOV.2015 15:20:43

8.11 11N20_52 Ant 1



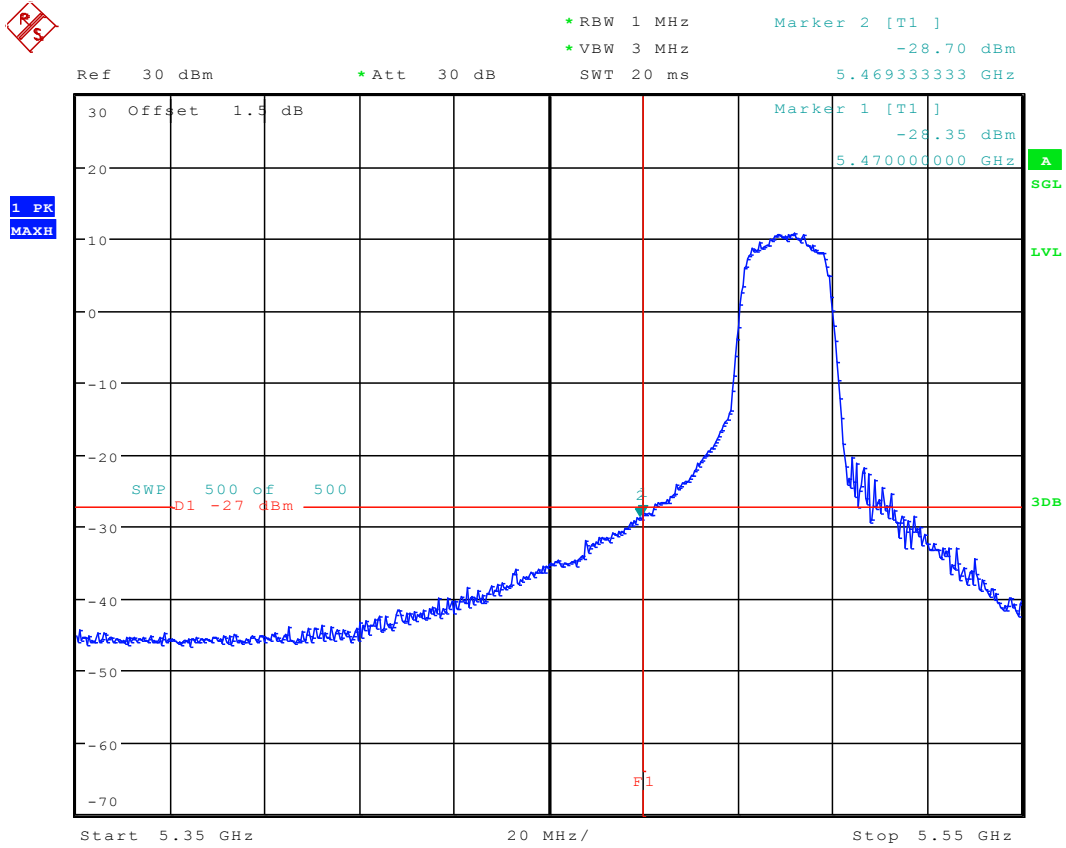
Date: 26.NOV.2015 15:25:43

8.12 11N20_64 Ant 1



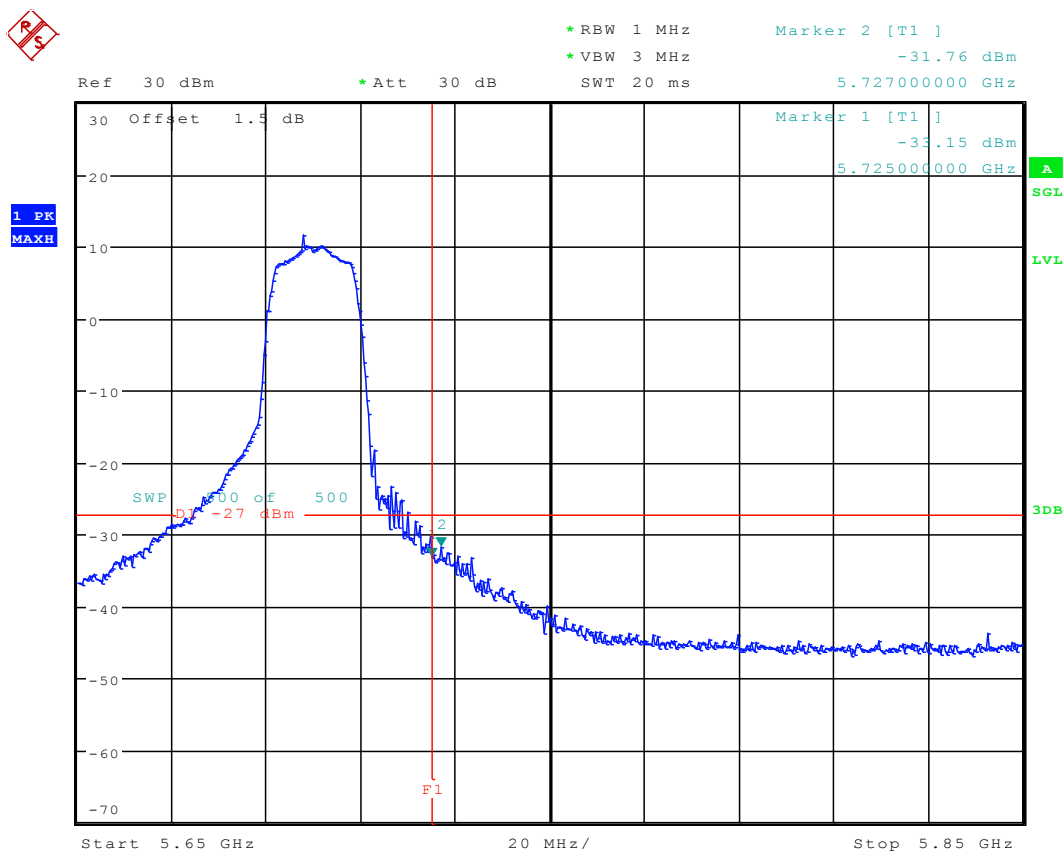
Date: 26.NOV.2015 15:30:22

8.13 11N20_100 Ant 1



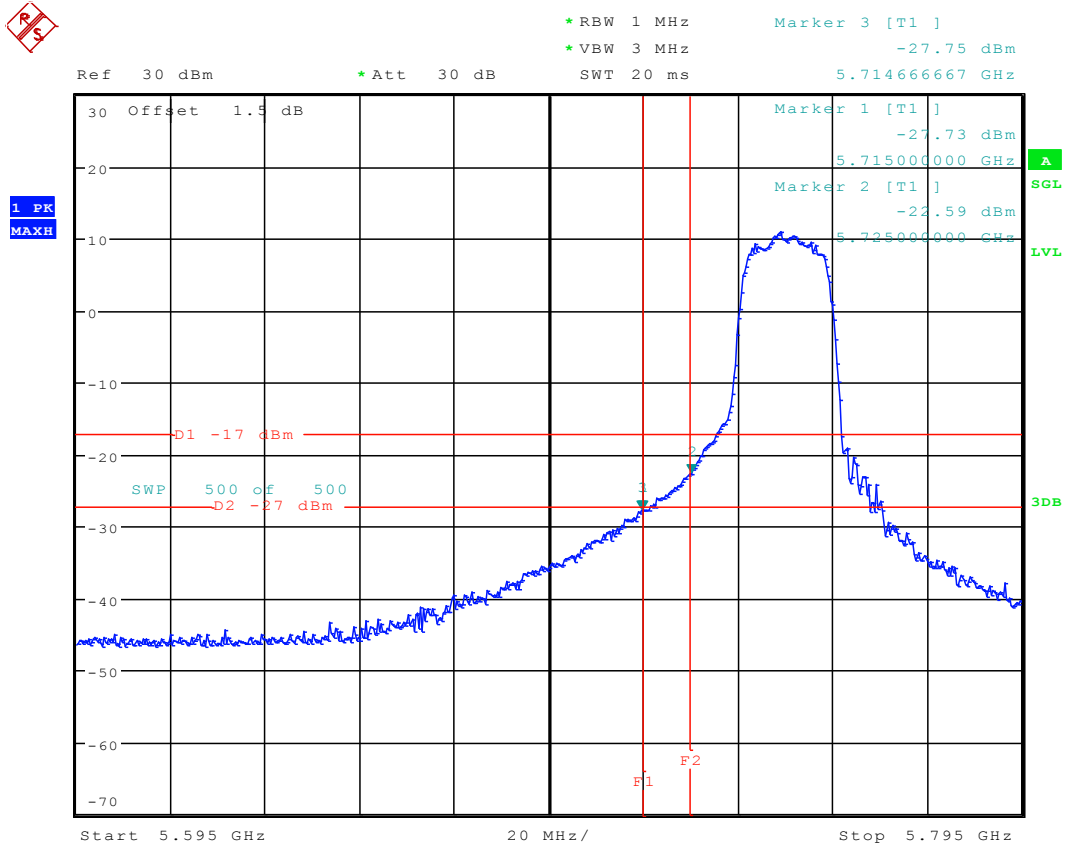
Date: 26.NOV.2015 15:36:18

8.14 11N20_140 Ant 1



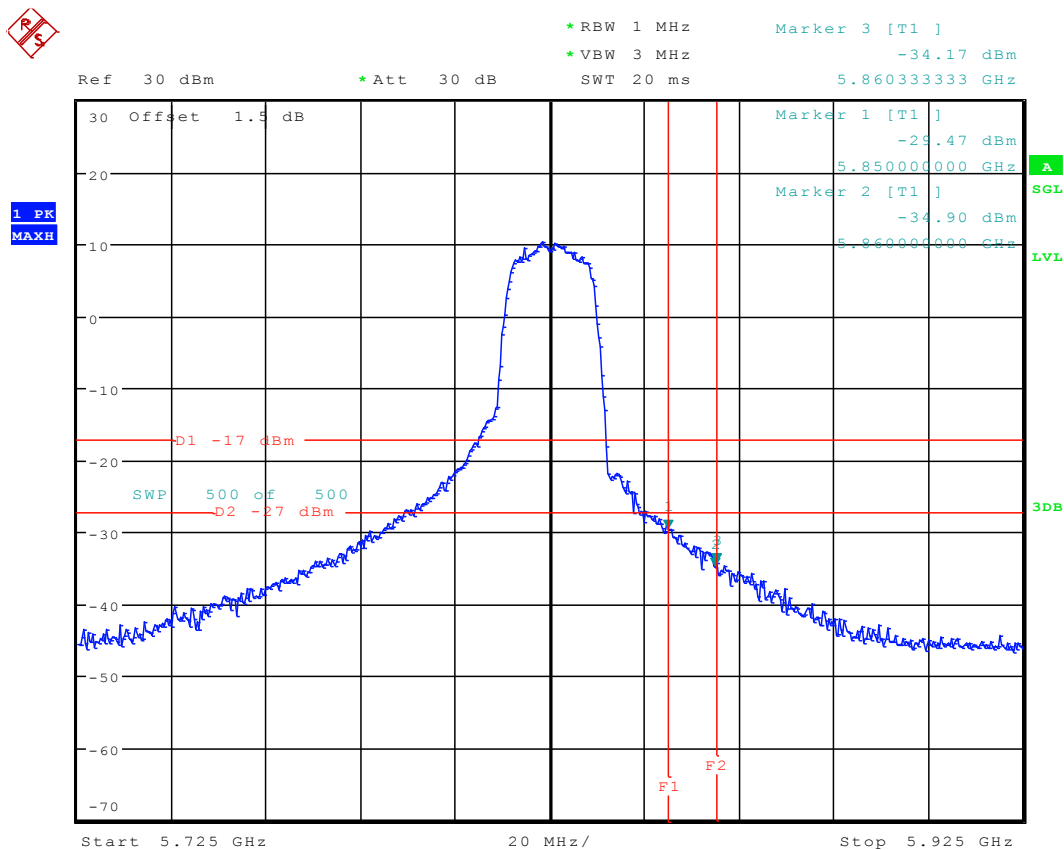
Date: 26.NOV.2015 15:41:11

8.15 11N20_149 Ant 1



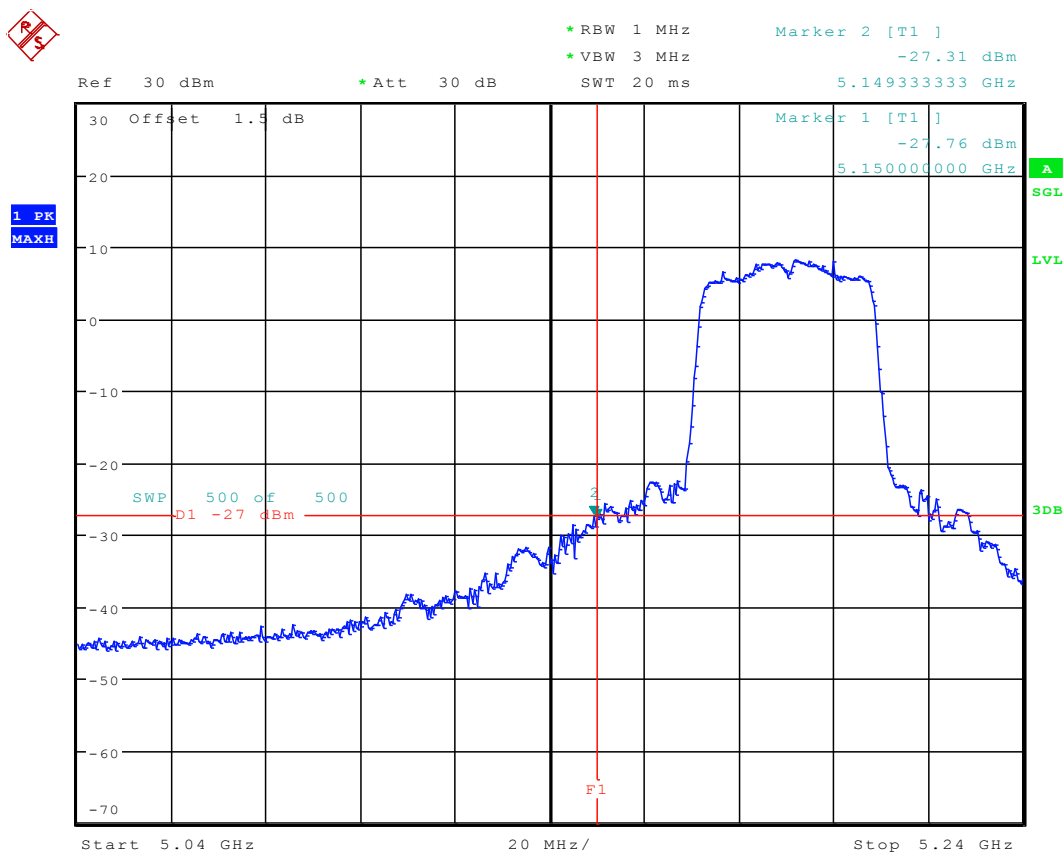
Date: 26.NOV.2015 15:46:31

8.16 11N20_165 Ant 1



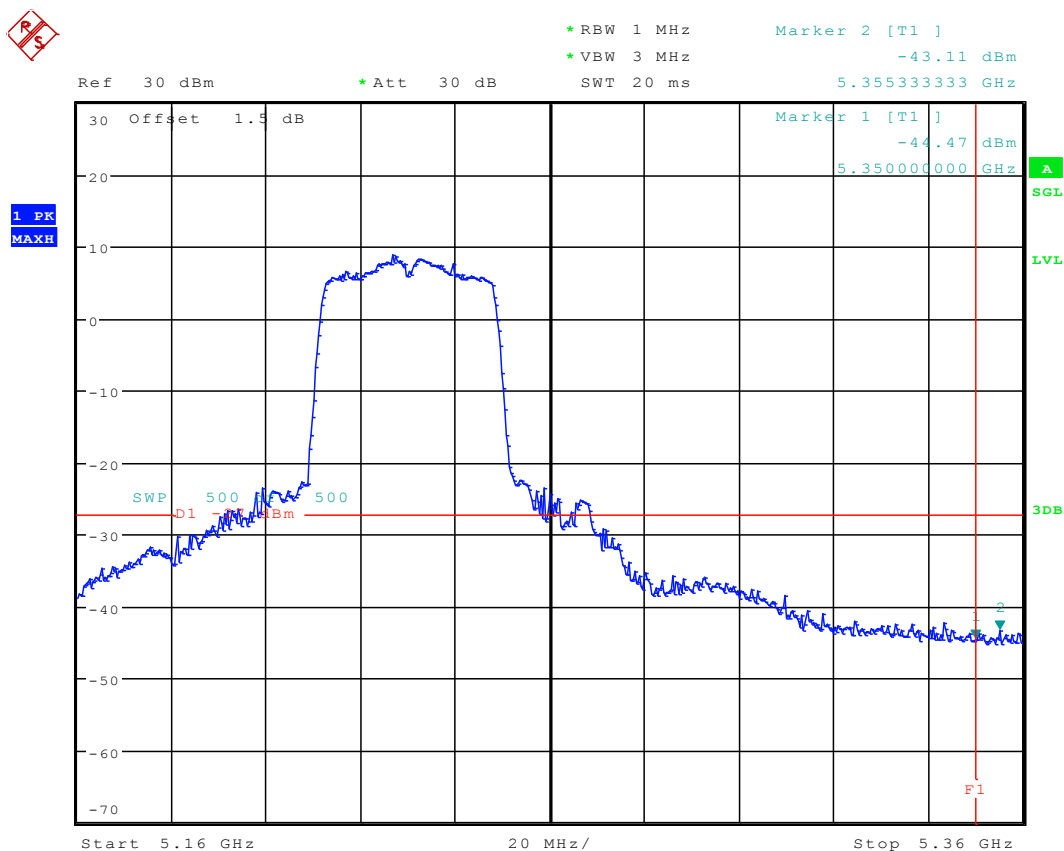
Date: 26.NOV.2015 15:52:21

8.17 11N40_38 Ant 1



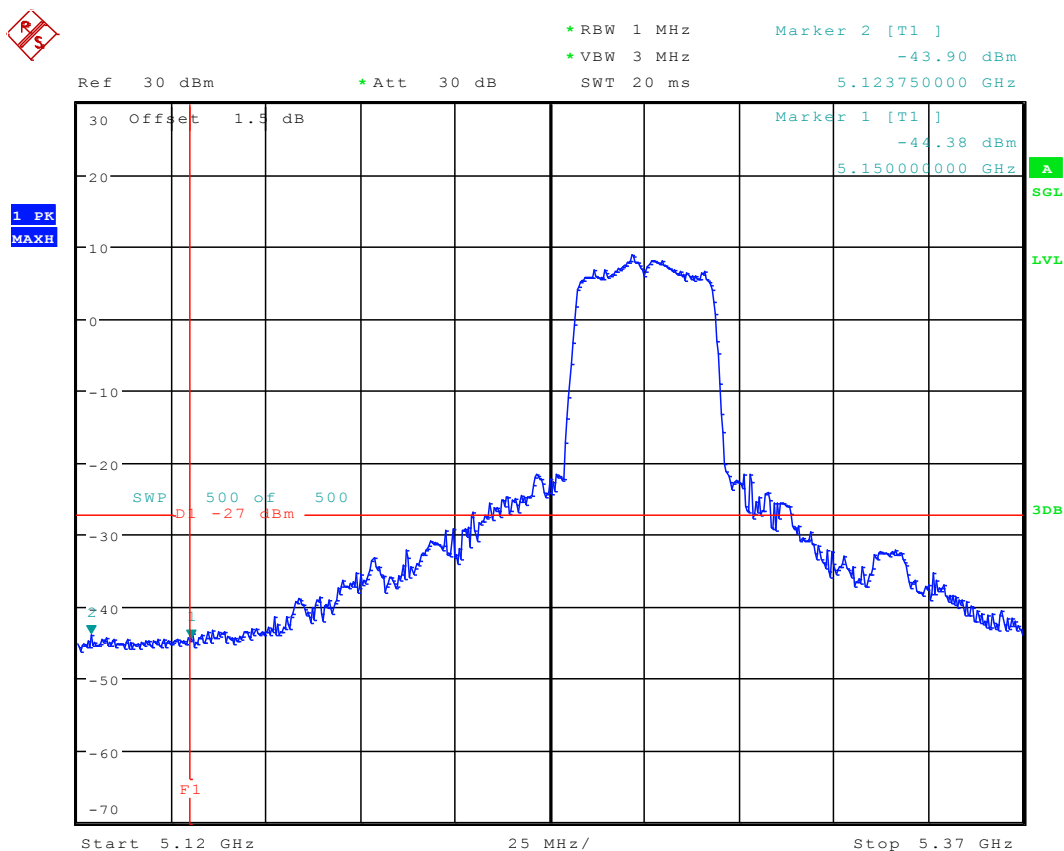
Date: 26.NOV.2015 17:57:37

8.18 11N40_46 Ant 1



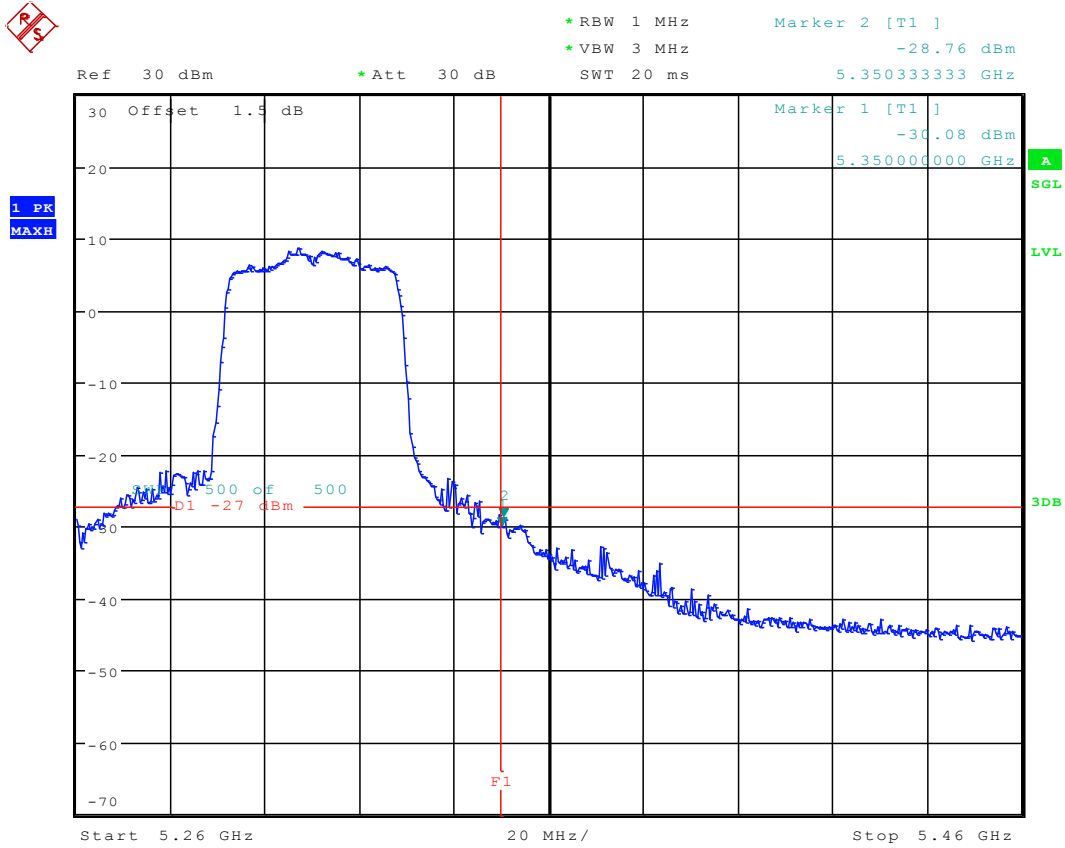
Date: 26.NOV.2015 16:07:11

8.19 11N40_54 Ant 1



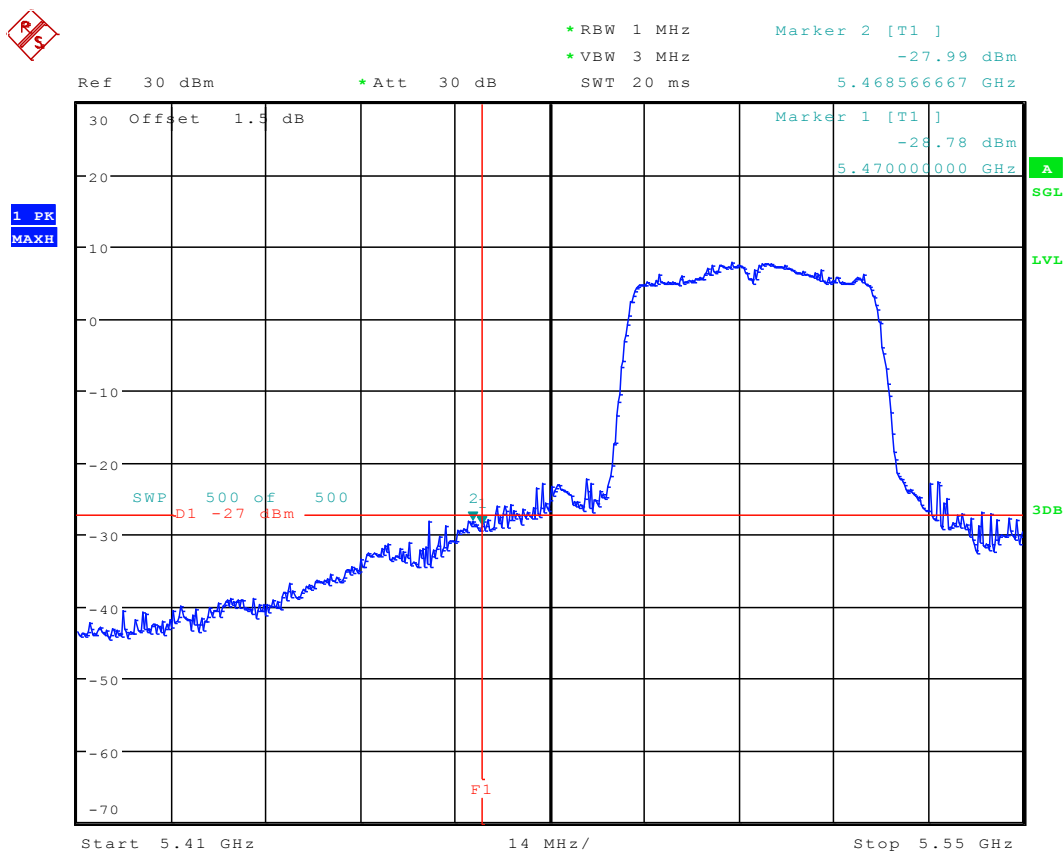
Date: 26.NOV.2015 17:27:07

8.20 11N40_62 Ant 1



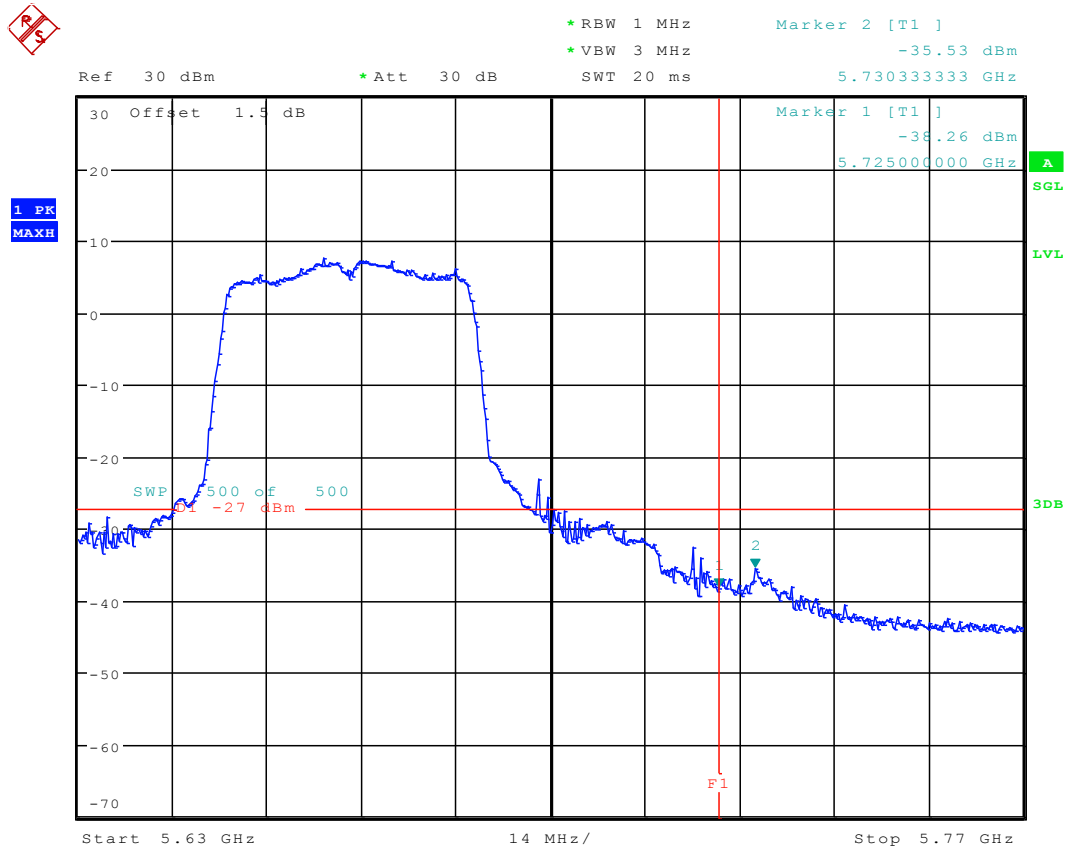
Date: 26.NOV.2015 17:33:59

8.21 11N40_102 Ant 1



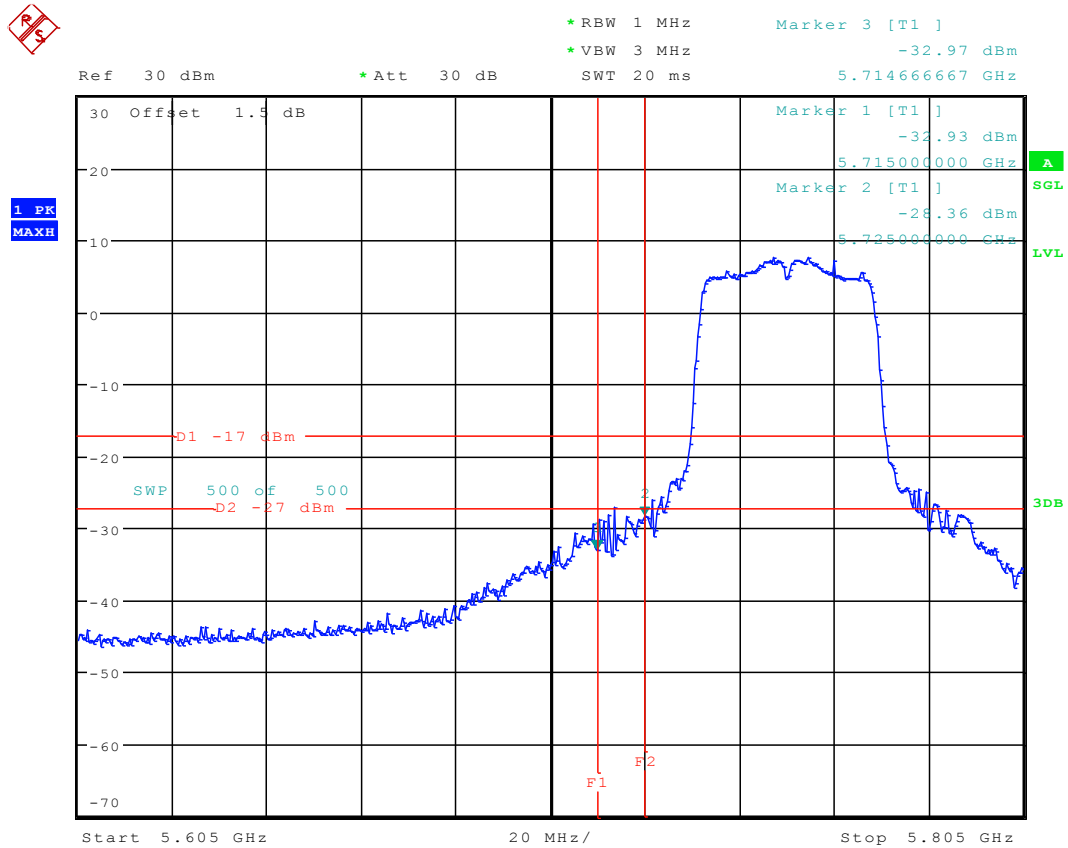
Date: 26.NOV.2015 17:37:22

8.22 11N40_134 Ant 1



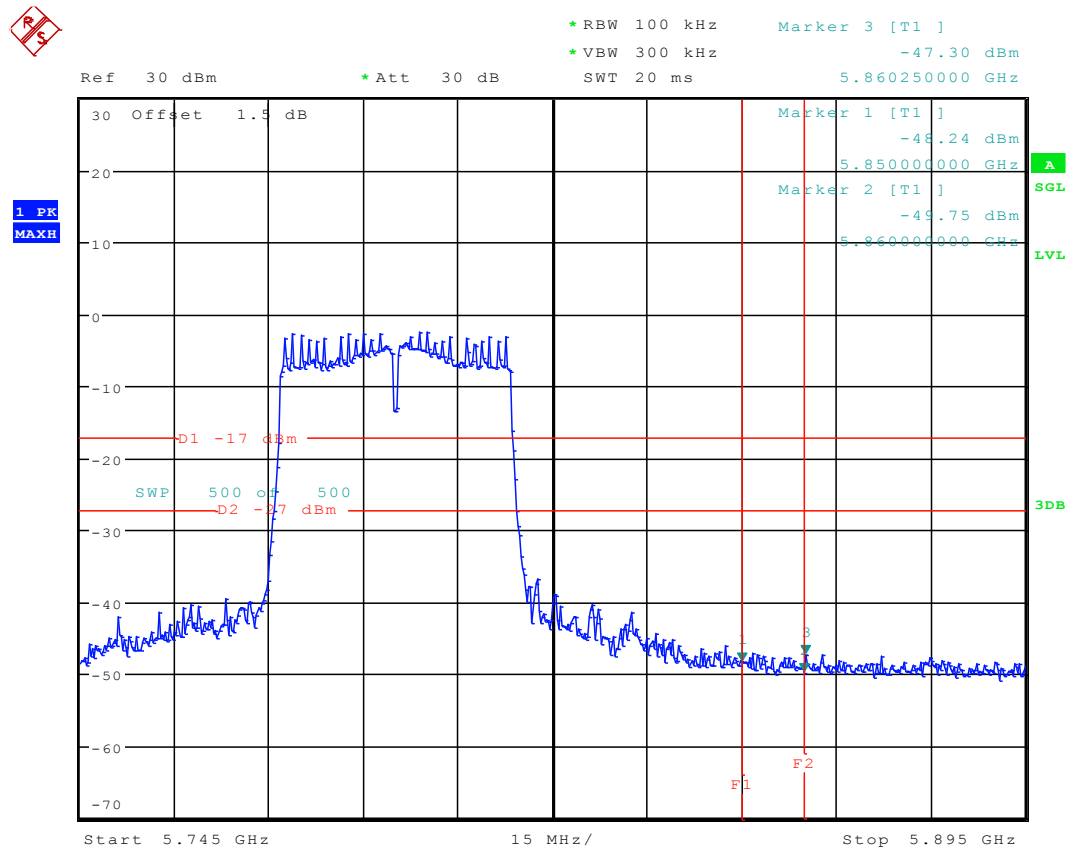
Date: 26.NOV.2015 17:40:31

8.23 11N40_151 Ant 1

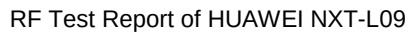


Date: 26.NOV.2015 17:46:42

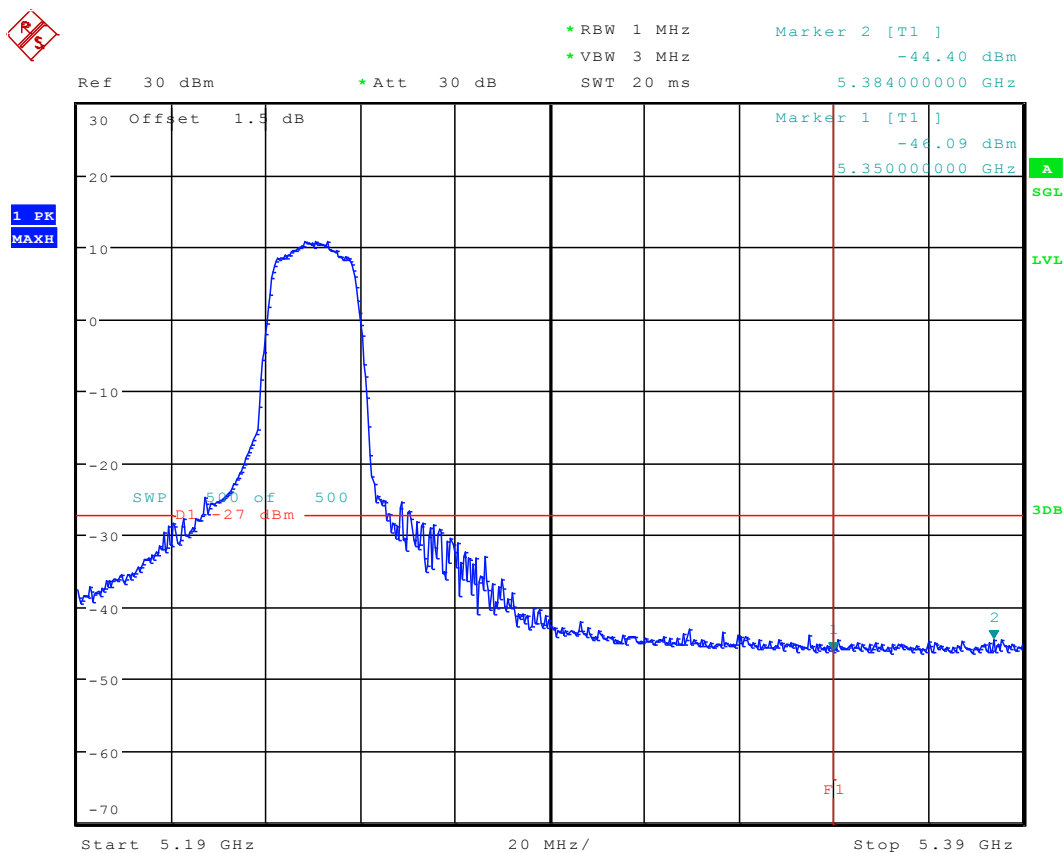
8.24 11N40_159 Ant 1



Date: 26.NOV.2015 17:52:17

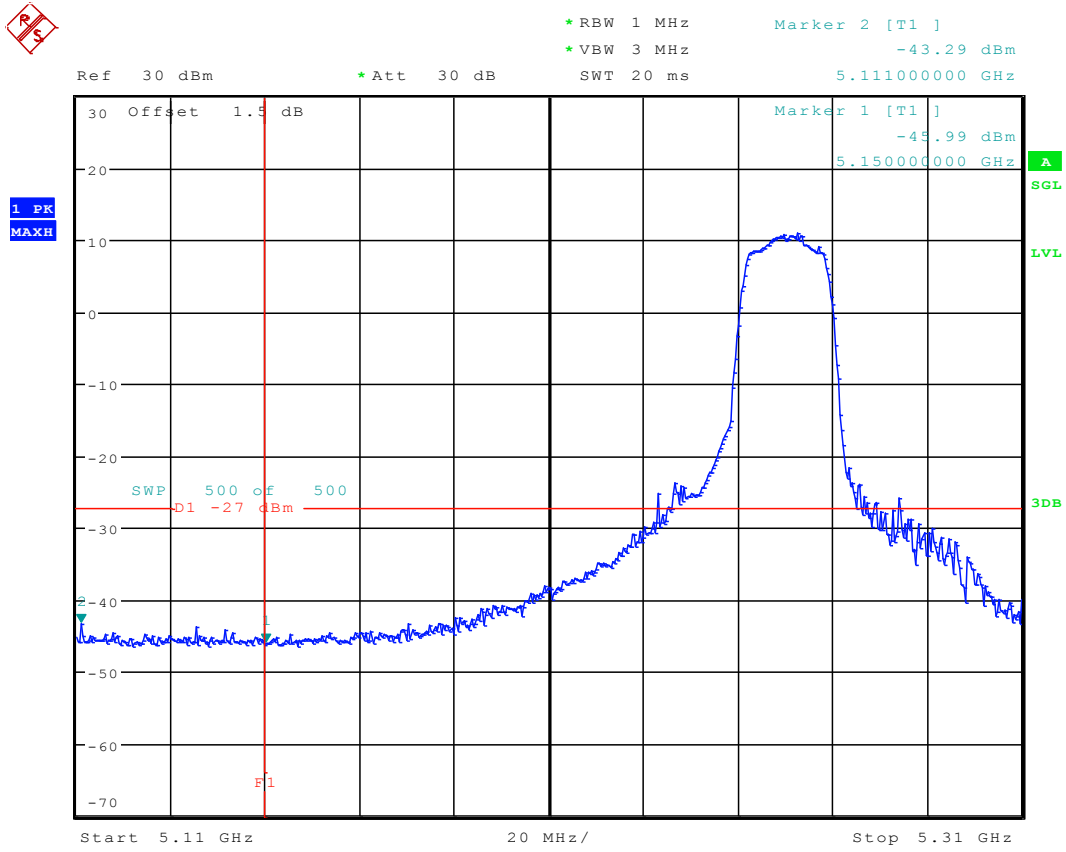


8.26 11AC20_48 Ant 1



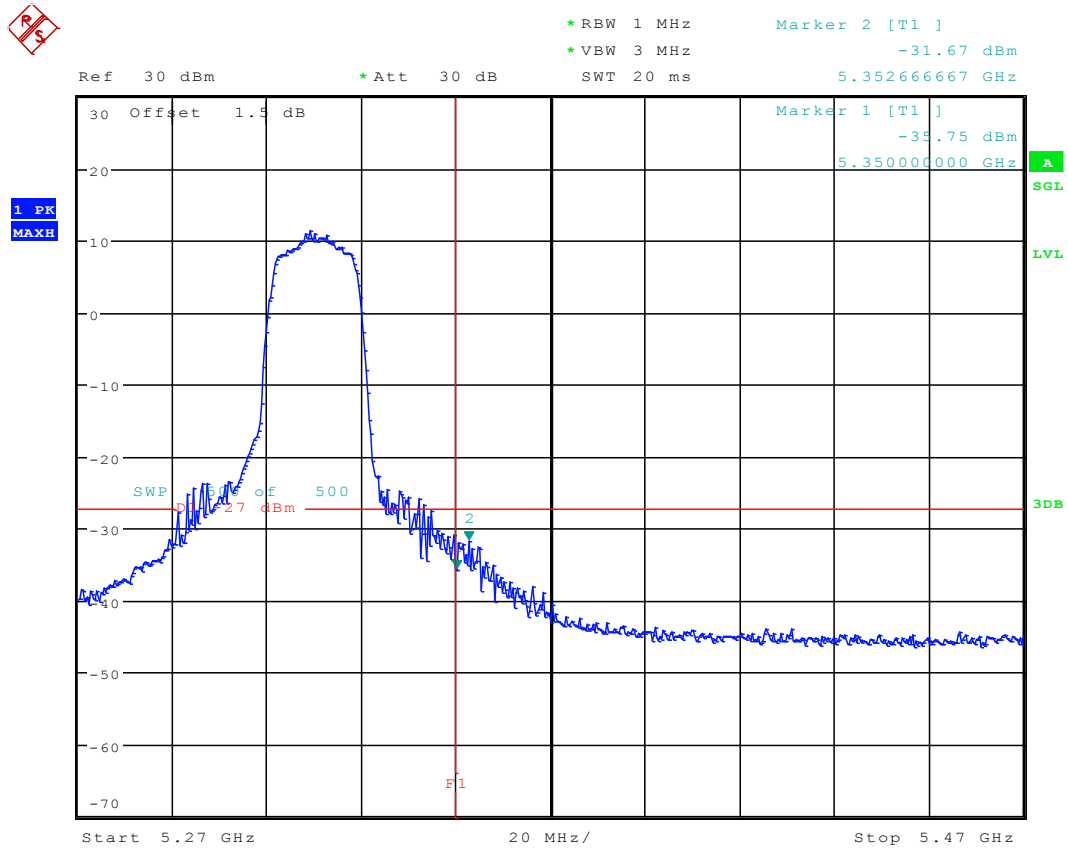
Date: 27.NOV.2015 09:56:00

8.27 11AC20_52 Ant 1



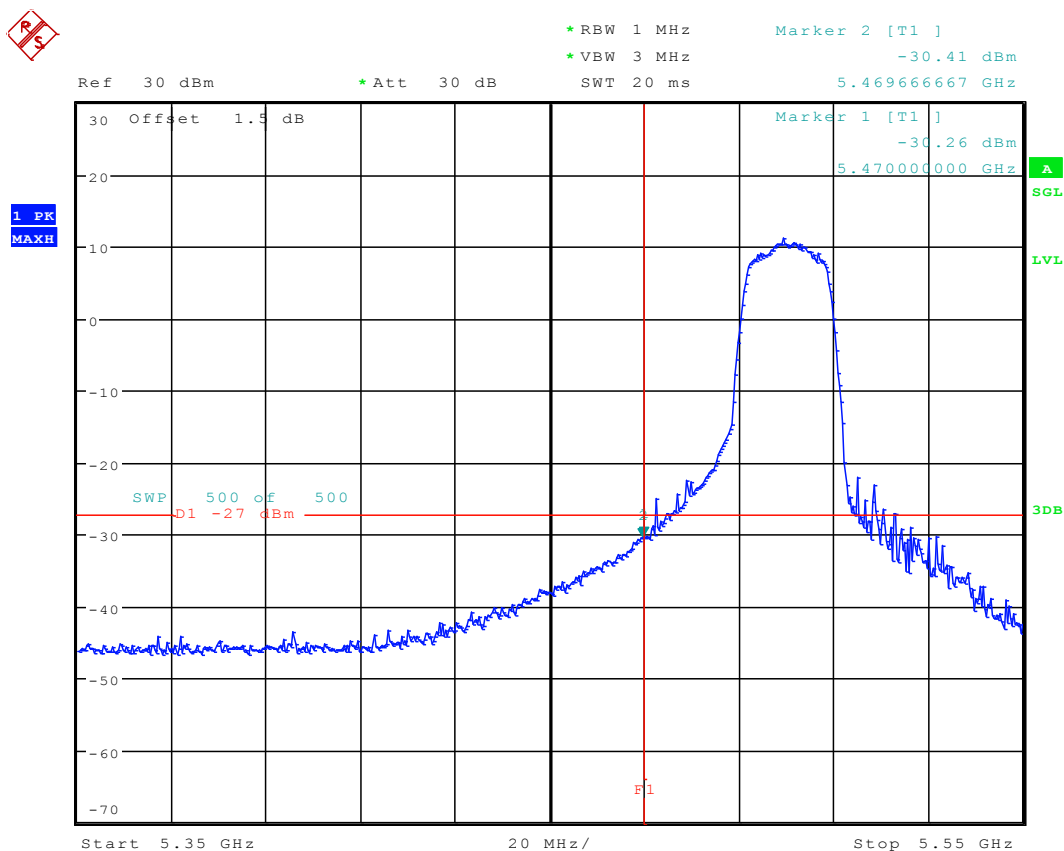
Date: 27.NOV.2015 10:01:49

8.28 11AC20_64 Ant 1



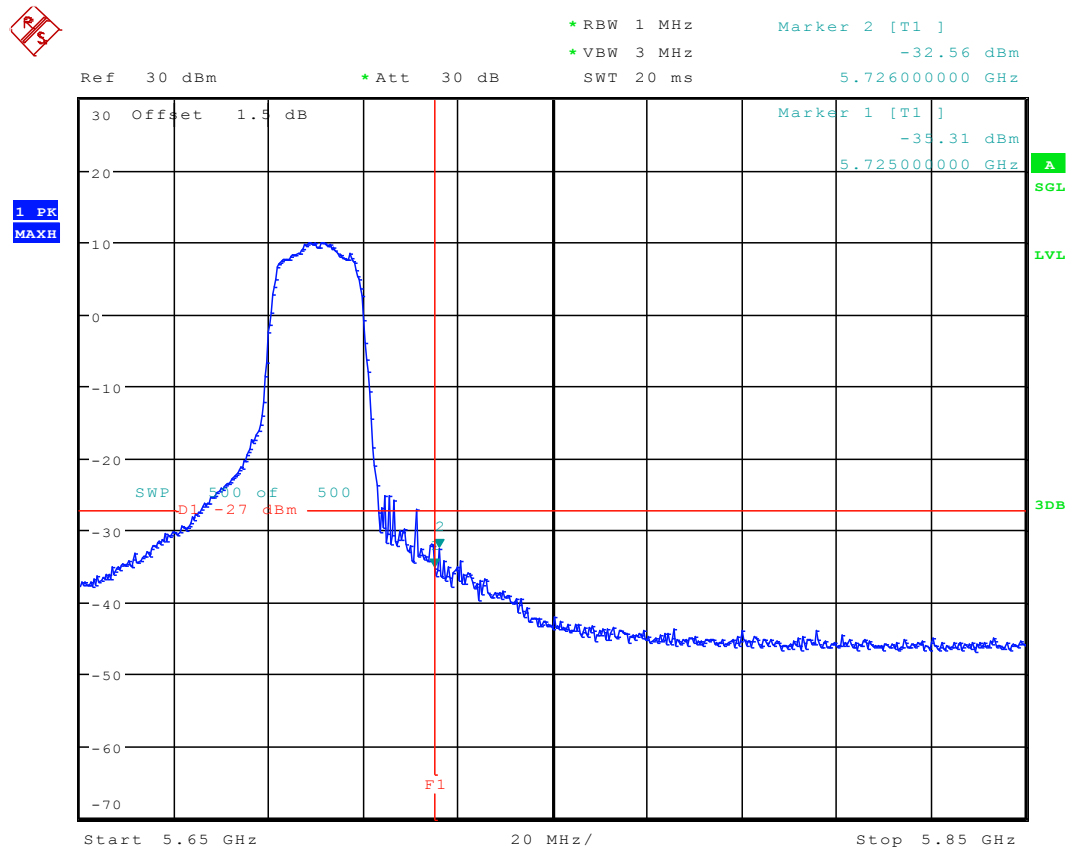
Date: 27.NOV.2015 10:06:38

8.29 11AC20_100 Ant 1



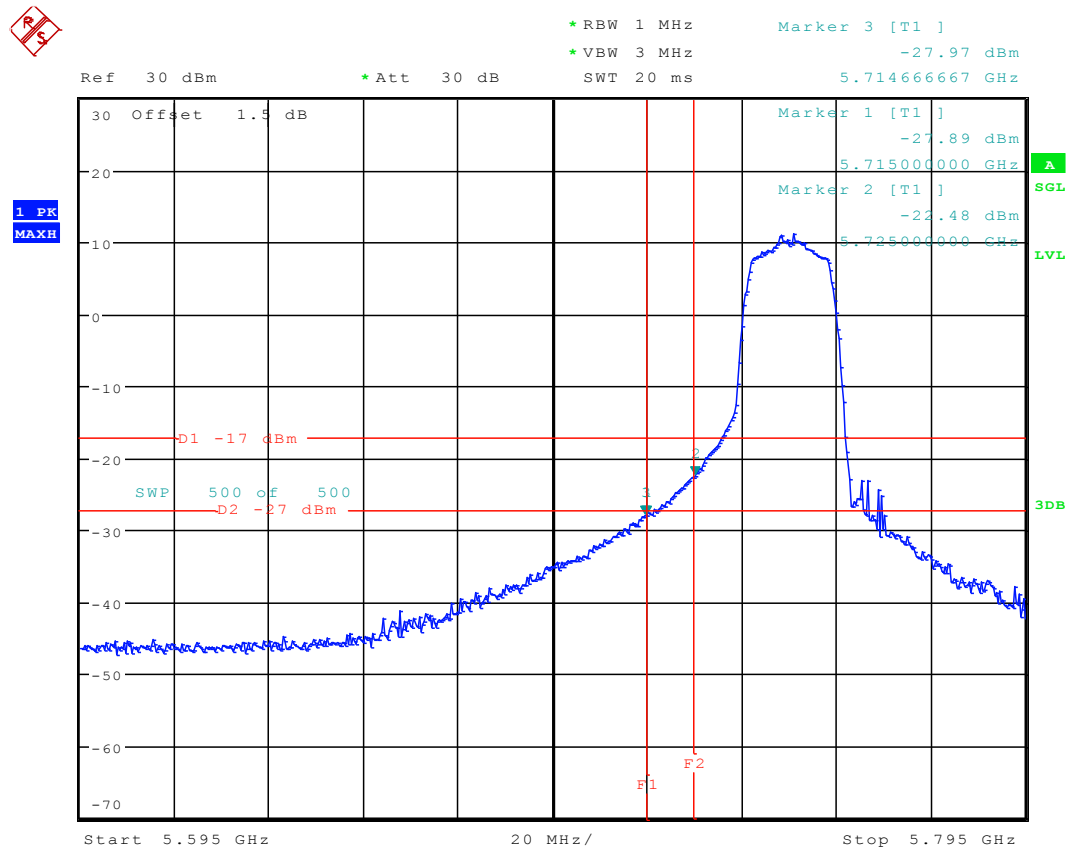
Date: 27.NOV.2015 10:11:24

8.30 11AC20_140 Ant 1



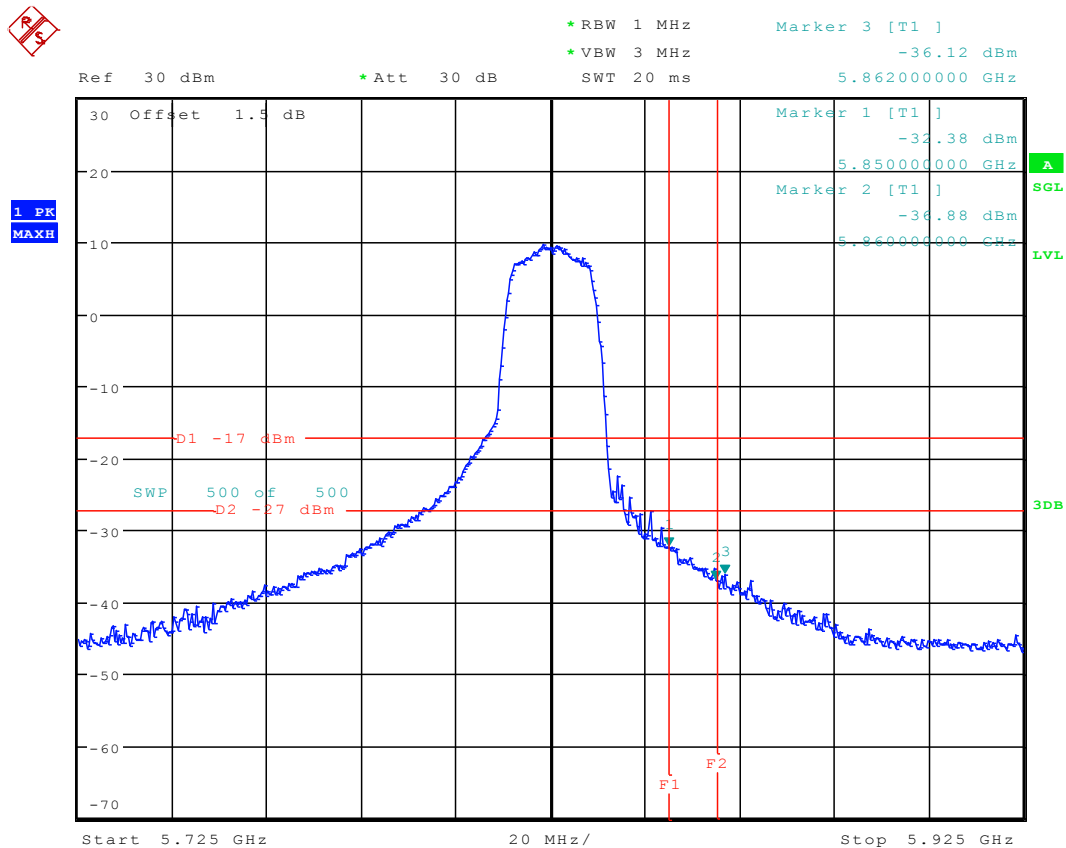
Date: 27.NOV.2015 10:16:09

8.31 11AC20_149 Ant 1



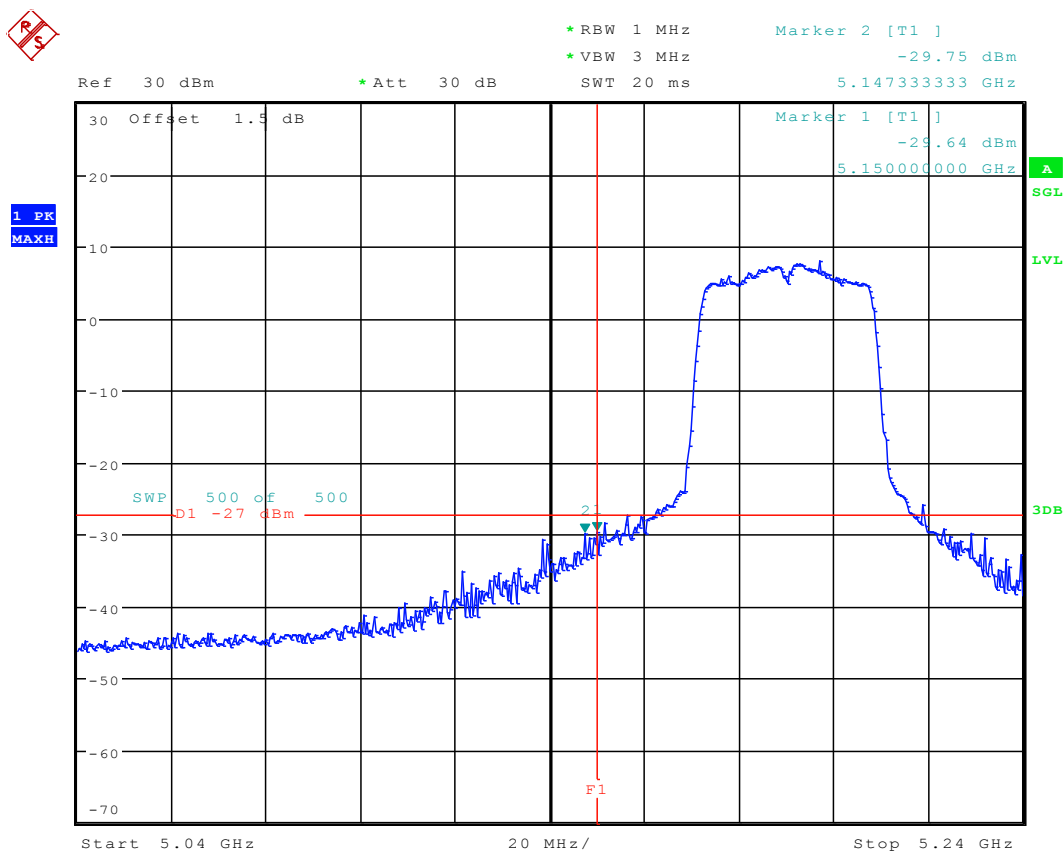
Date: 27.NOV.2015 10:22:55

8.32 11AC20_165 Ant 1



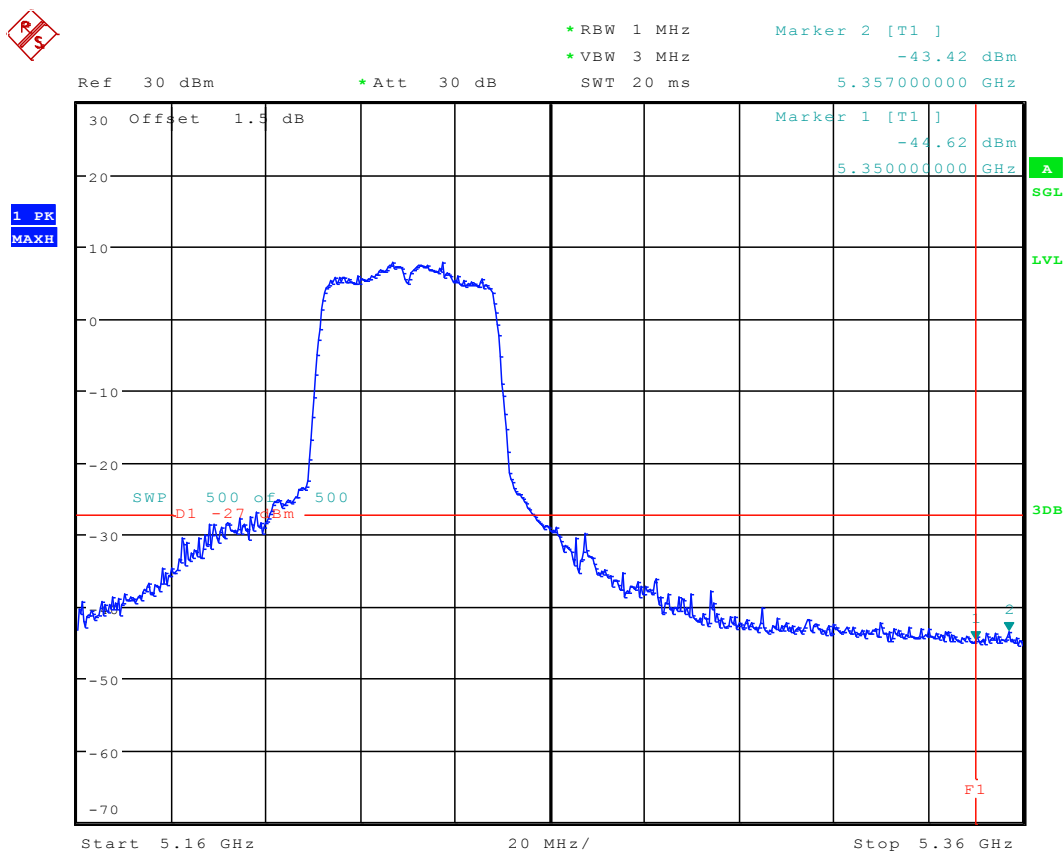
Date: 27.NOV.2015 10:31:57

8.33 11AC40_38 Ant 1



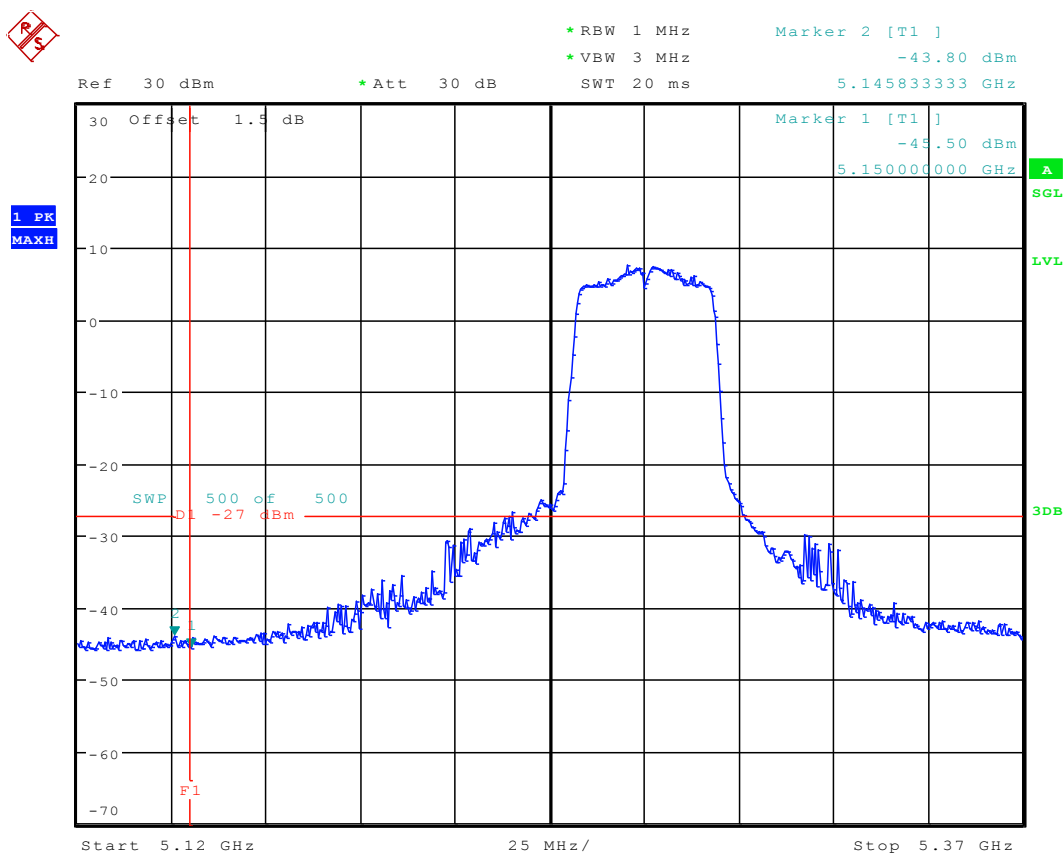
Date: 27.NOV.2015 10:38:23

8.34 11AC40_46 Ant 1



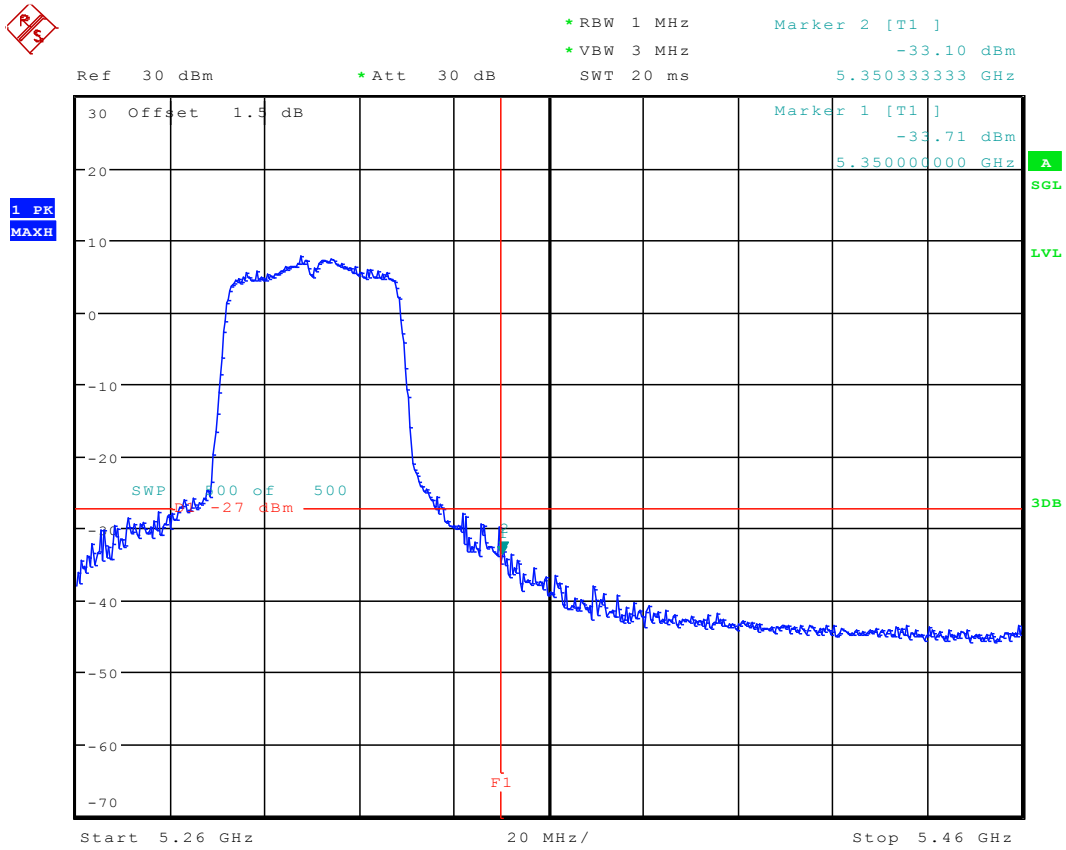
Date: 27.NOV.2015 10:43:16

8.35 11AC40_54 Ant 1



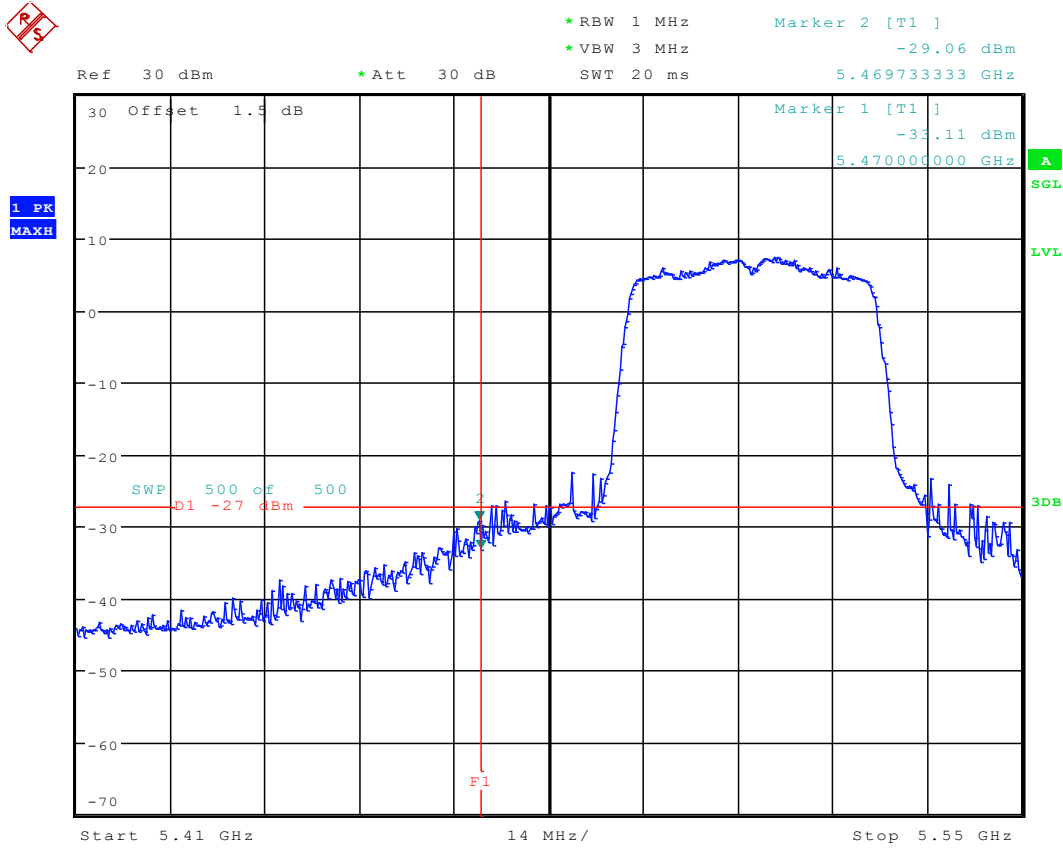
Date: 27.NOV.2015 10:50:17

8.36 11AC40_62 Ant 1



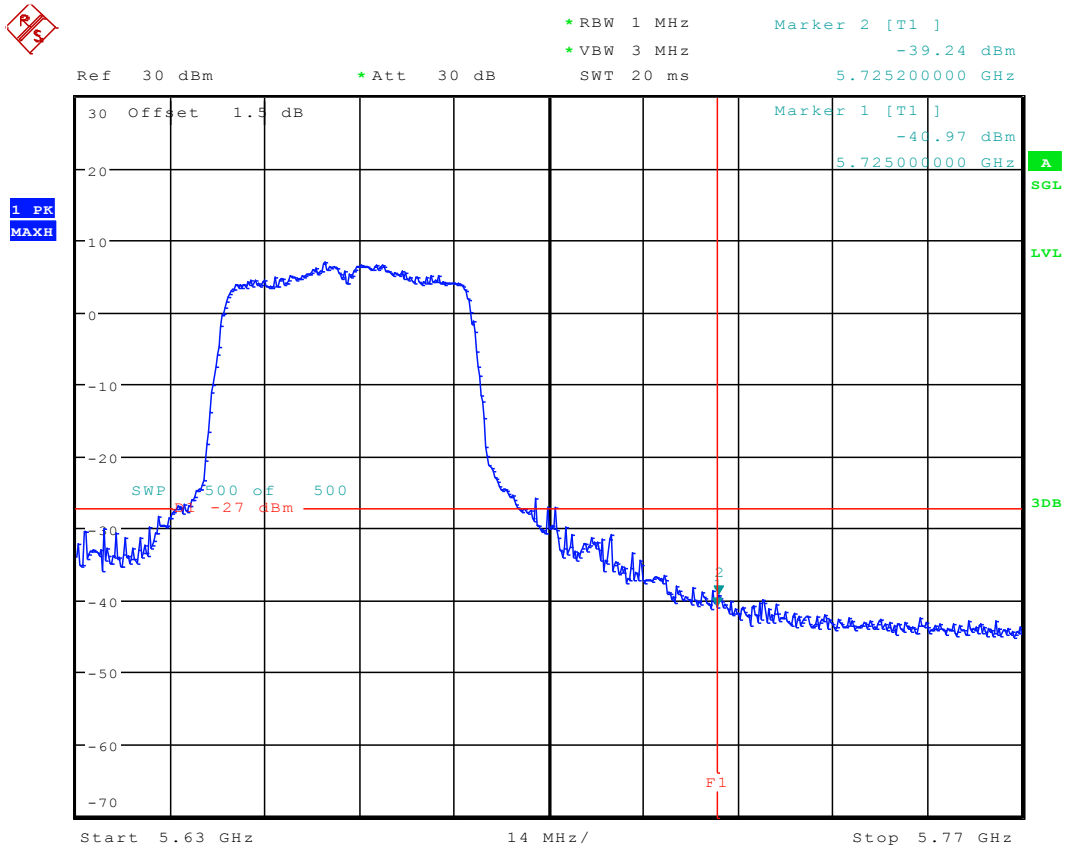
Date: 27.NOV.2015 10:58:39

8.37 11AC40_102 Ant 1



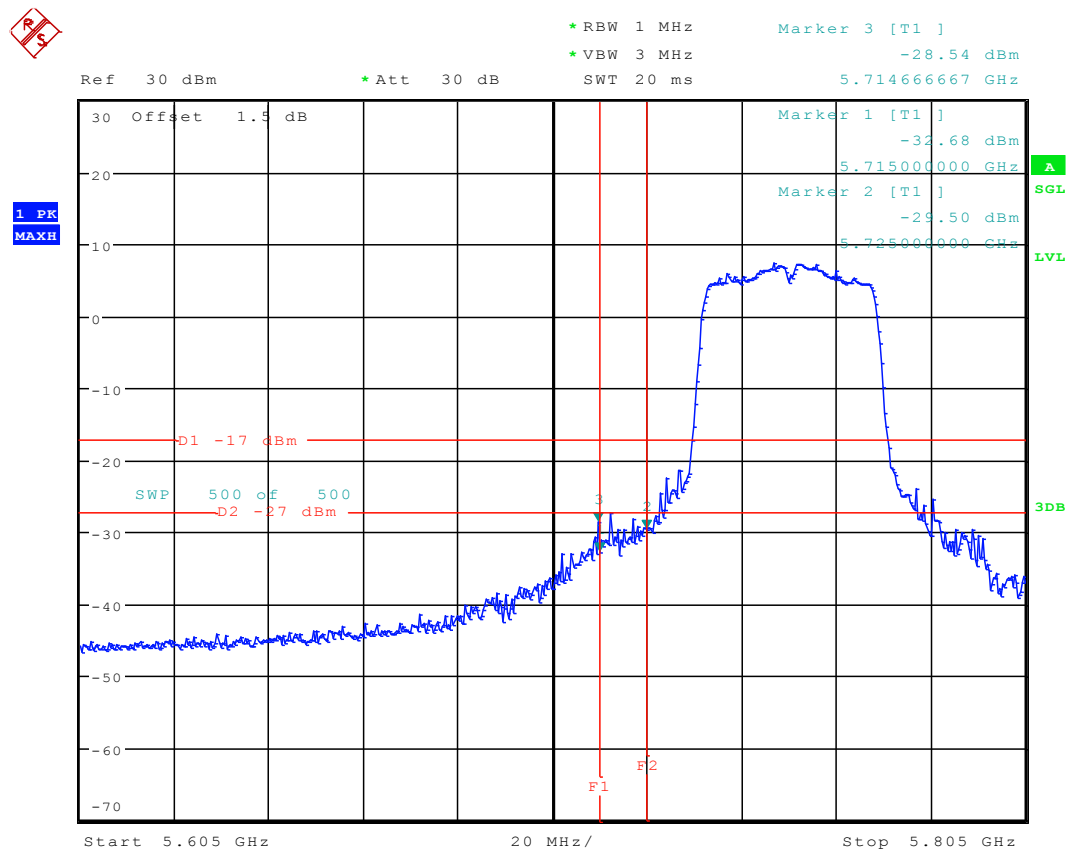
Date: 27.NOV.2015 11:03:22

8.38 11AC40_134 Ant 1



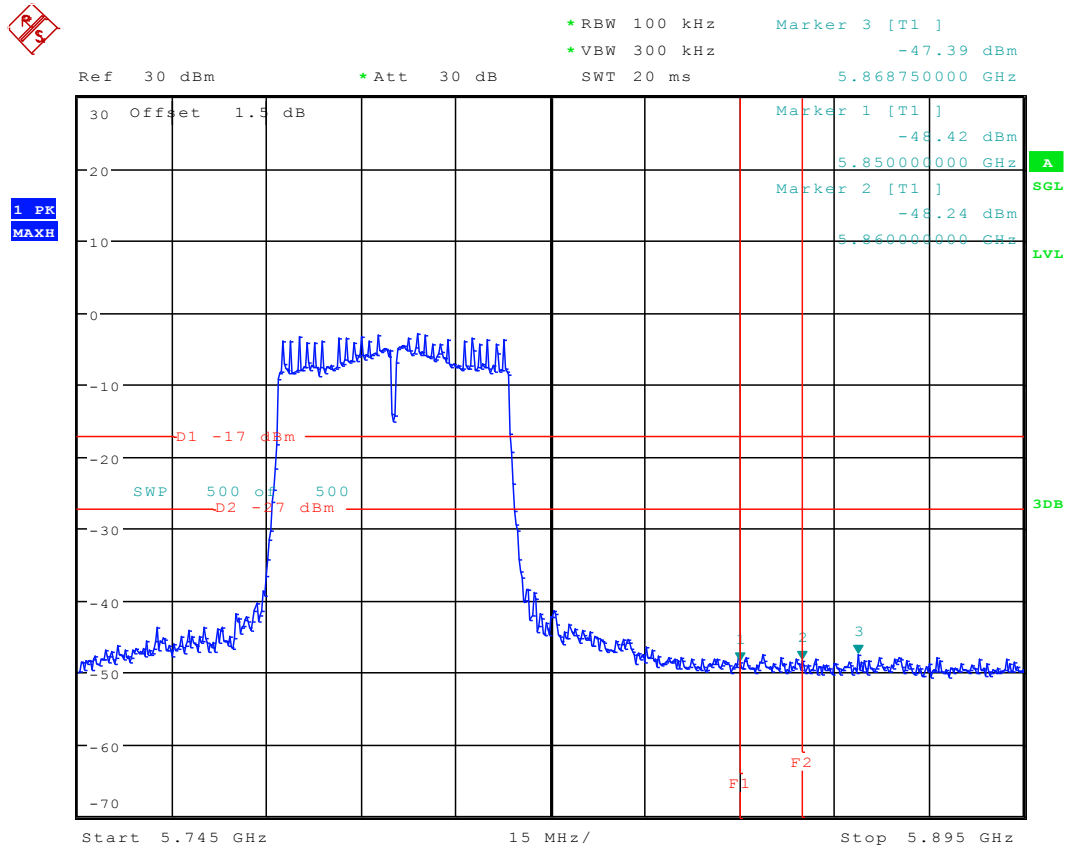
Date: 27.NOV.2015 11:11:10

8.39 11AC40_151 Ant 1



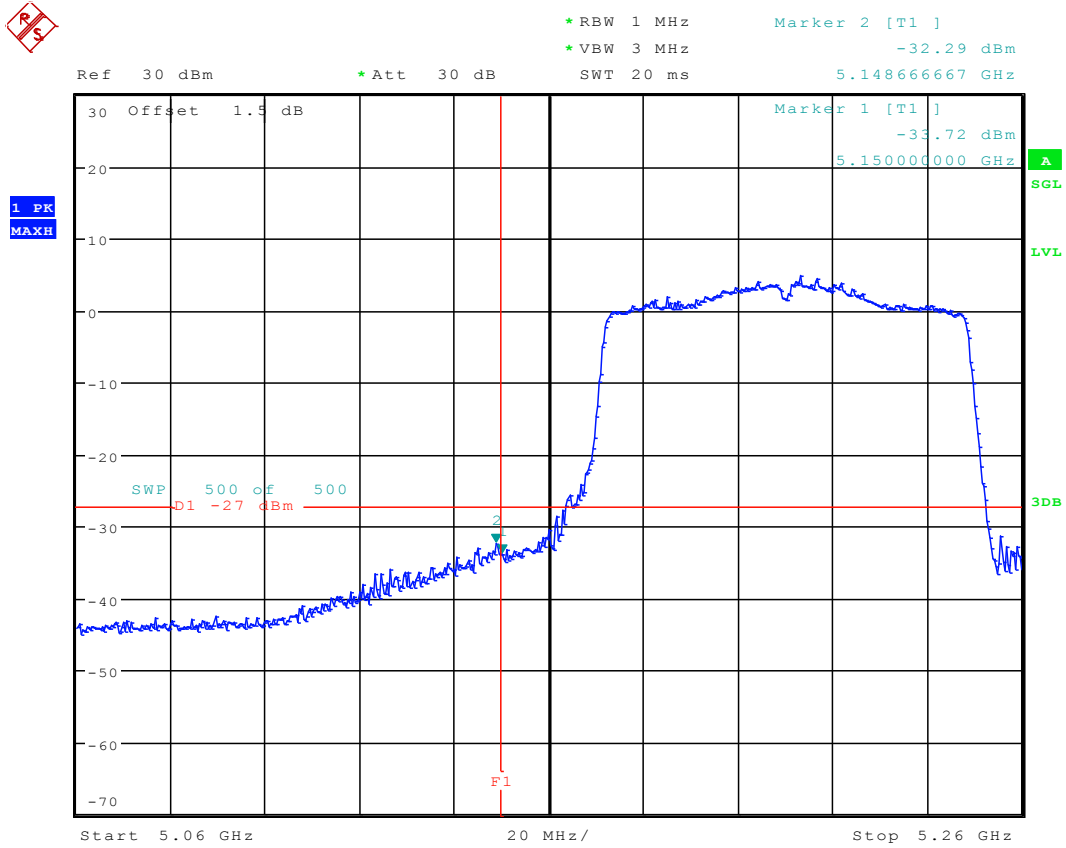
Date: 27.NOV.2015 11:26:41

8.40 11AC40_159 Ant 1



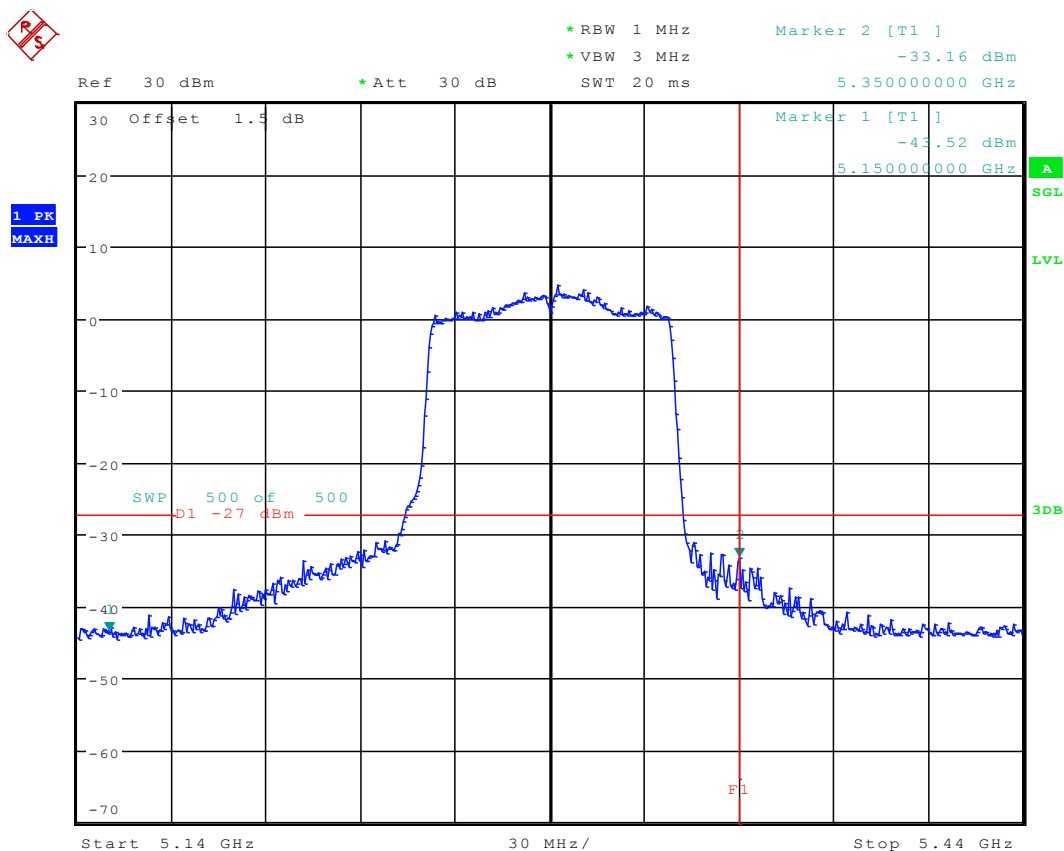
Date: 27.NOV.2015 11:30:57

8.41 11AC80_42 Ant 1



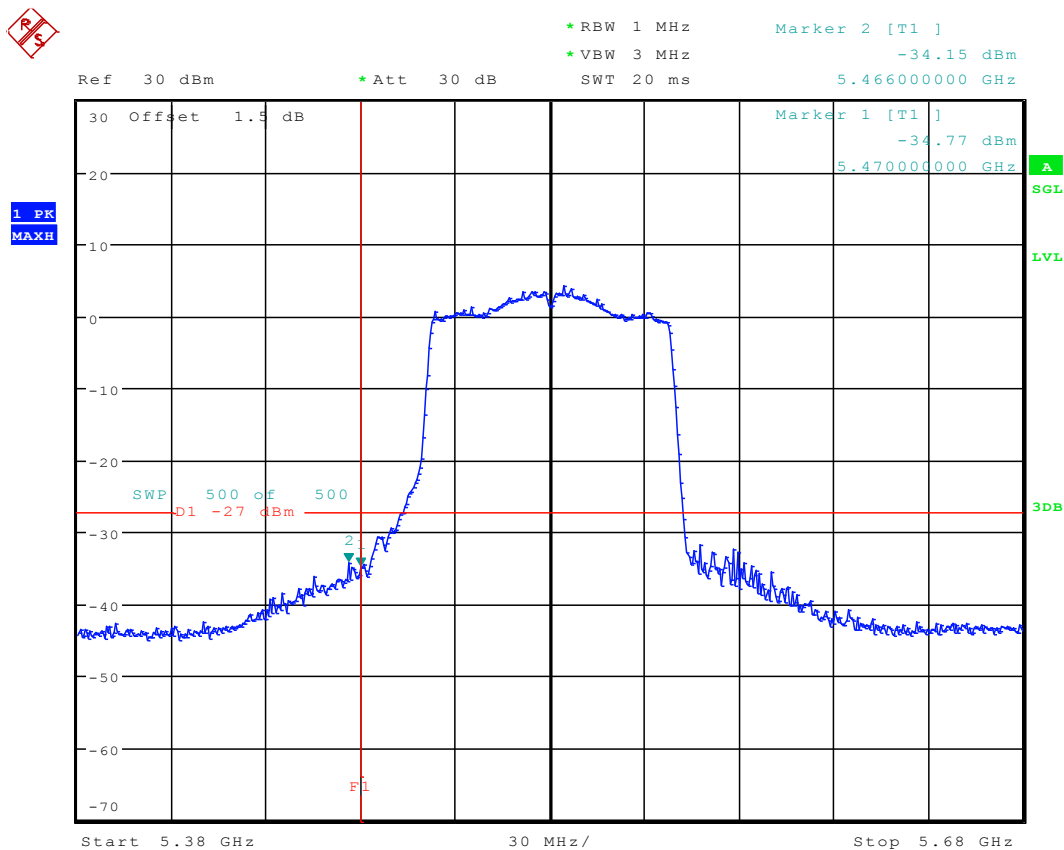
Date: 27.NOV.2015 11:59:47

8.42 11AC80_58 Ant 1



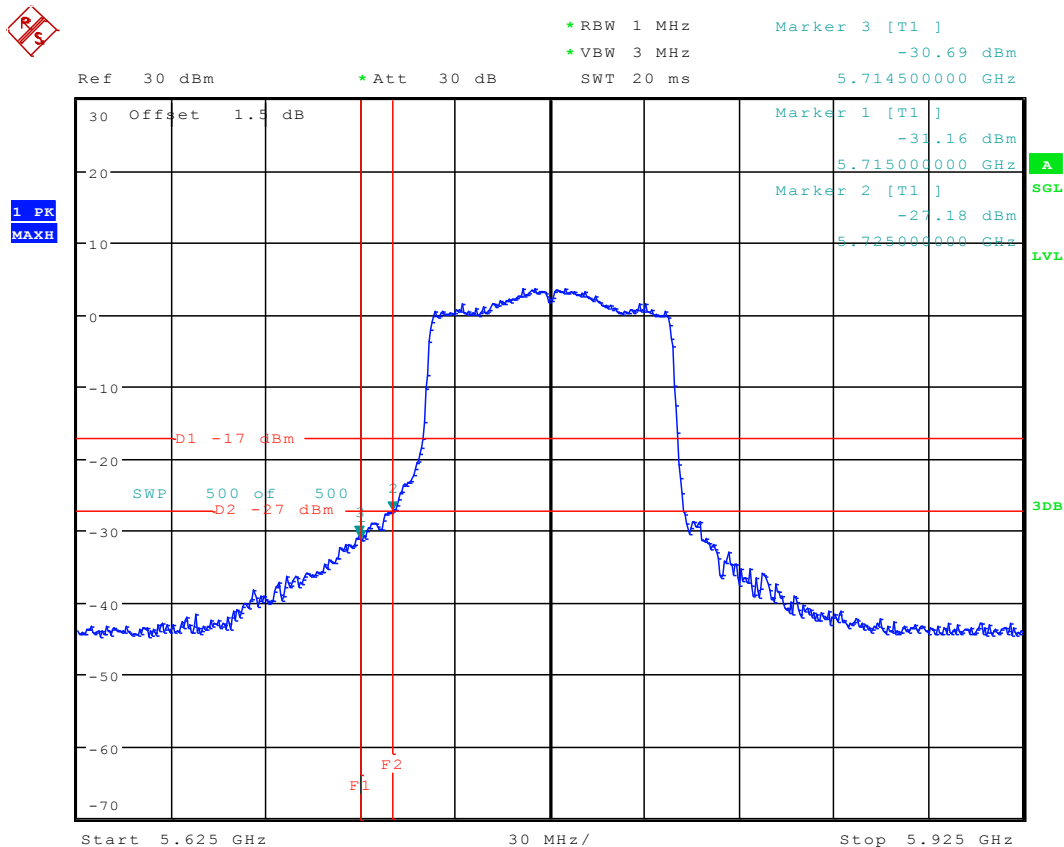
Date: 27.NOV.2015 12:05:44

8.43 11AC80_106 Ant 1



Date: 27.NOV.2015 12:11:59

8.44 11AC80_155 Ant 1



Date: 27.NOV.2015 12:19:28

Appendix F: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5180
V nom(V)	5180.0065
V max(V)	5180.0077
V min(V)	5180.0088
Max. Deviation Frequency	0.0088
Max. Frequency Error (ppm)	1.7

Frequency Error vs. Temperature:

Test Conditions (° C)	Measured Frequency (MHz)
	5180
-5	5180.0081
5	5180.0069
15	5180.0066
25	5180.0077
35	5180.0064
45	5180.0086
50	5180.0089
Max. Deviation Frequency	0.0089
Max. Frequency Error (ppm)	1.7181

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5725
V nom(V)	5725.00263
V max(V)	5725.00648
V min(V)	5725.00672
Max. Deviation Frequency	0.00672
Max. Frequency Error (ppm)	1.15

Frequency Error vs. Temperature:

Test Conditions (° C)	Measured Fequency (MHz)
	5725
-5	5725.00458
5	5725.00425
15	5725.00434
25	5725.00425
35	5725.00433
45	5725.00427
50	5725.00446
Max. Deviation Frequency	0.00458
Max. Frequency Error (ppm)	0.78626



Appendix G: AC Power Line Conducted Emissions



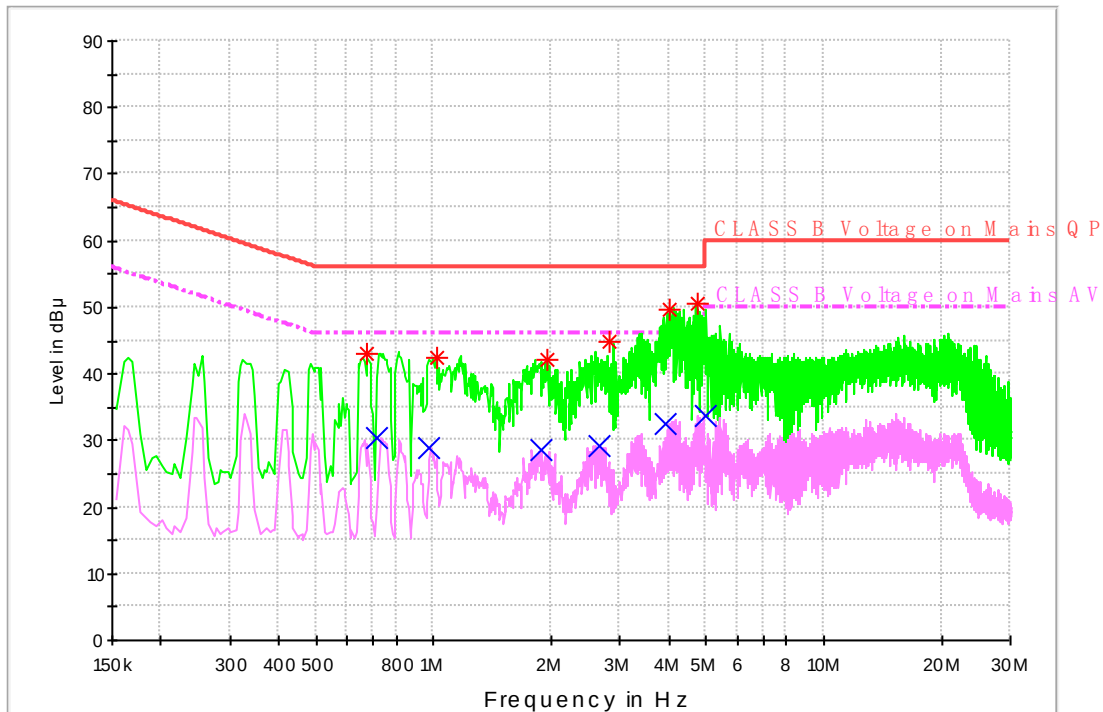
Result Table

In this Appendix, only the test results and plots under the worst case can be reported.

EUT Conf.	Maximum Emissions	Verdict
Worst Conf.	Not found obvious spikes or see marked spikes on plots and listed emissions records.	Pass

Result Plot

CLASS B Voltage with ENV216



Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Correct Factor dB	Limit dBμV	Margin dB	Line
0.675694	43.0	9.7	56.0	13.0	L1
1.015755	42.3	9.7	56.0	13.7	L1
1.945459	42.0	9.7	56.0	14.0	L1
2.827110	44.7	9.7	56.0	11.3	L1
4.008514	49.6	9.8	56.0	6.4	L1
4.745284	50.6	9.8	56.0	5.4	L1

Final Result 2

Frequency (MHz)	Average (dBμV)	Correct Factor dB	Limit dBuV	Margin dB	Line
0.718395	30.5	9.7	46.0	15.5	L1
0.973766	29.0	9.7	46.0	17.0	L1
1.880456	28.5	9.7	46.0	17.5	L1
2.654779	29.2	9.7	46.0	16.8	L1
3.940332	32.6	9.8	46.0	13.4	L1
4.953236	33.7	9.8	46.0	12.6	L1

END