

Appendix A U-NII: Emission Bandwidth

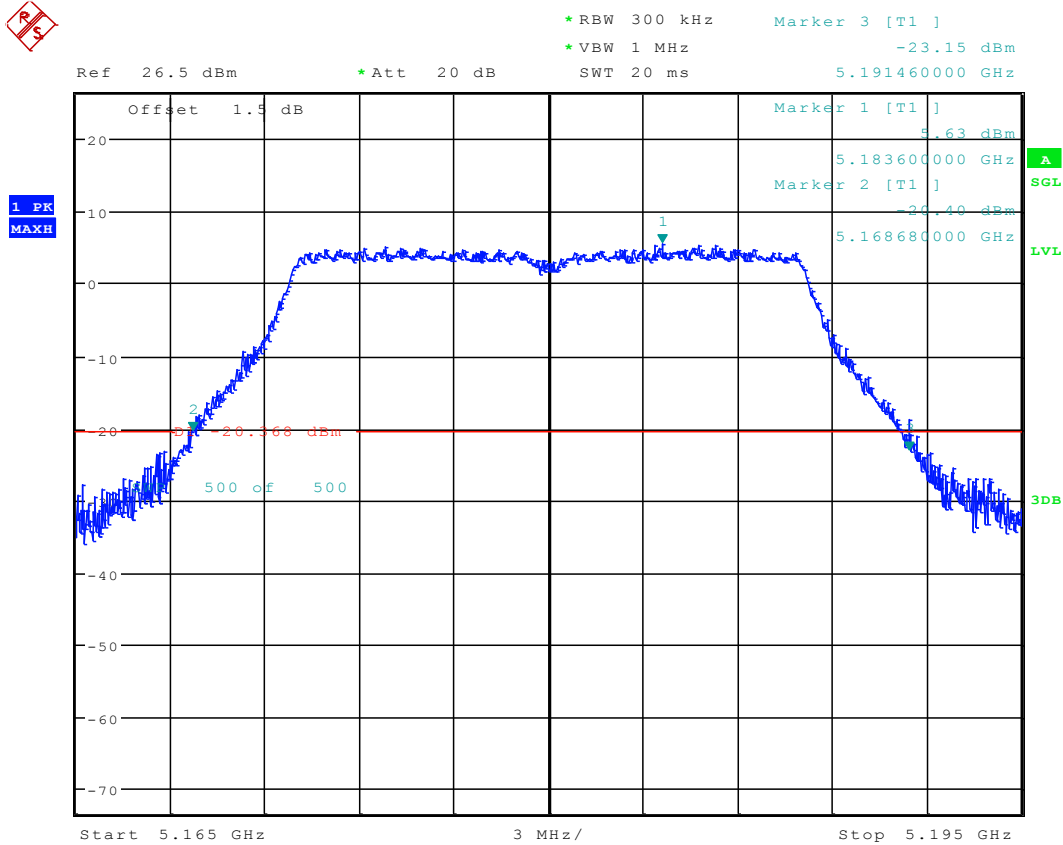
1 (EBW)Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	26dB Emission Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	22.78	pass
	48	5240	Ant 1	22.74	pass
	52	5260	Ant 1	22.78	pass
	64	5320	Ant 1	22.76	pass
	100	5500	Ant 1	22.84	pass
	140	5700	Ant 1	22.54	pass
11N20	36	5180	Ant 1	23.04	pass
	48	5240	Ant 1	22.82	pass
	52	5260	Ant 1	22.98	pass
	64	5320	Ant 1	23.08	pass
	100	5500	Ant 1	23.08	pass
	140	5700	Ant 1	22.92	pass
11N40	38	5190	Ant 1	44.64	pass
	46	5230	Ant 1	44.5	pass
	54	5270	Ant 1	44.28	pass
	62	5310	Ant 1	44.54	pass
	102	5510	Ant 1	44.16	pass
	134	5670	Ant 1	44.32	pass
11AC20	36	5180	Ant 1	22.54	pass
	48	5240	Ant 1	22.40	pass
	52	5260	Ant 1	22.50	pass
	64	5320	Ant 1	22.40	pass
	100	5500	Ant 1	22.42	pass
	140	5700	Ant 1	22.40	pass
11AC40	38	5190	Ant 1	43.38	pass
	46	5230	Ant 1	43.30	pass
	54	5270	Ant 1	43.56	pass
	62	5310	Ant 1	43.62	pass
	102	5510	Ant 1	43.46	pass
	134	5670	Ant 1	43.66	pass
11AC80	42	5210	Ant 1	85.23	pass
	58	5290	Ant 1	85.33	pass
	106	5530	Ant 1	85.39	pass

Test Mode	Test Channel	Frequency [MHz]	Ant	6dB Emission Bandwidth [MHz]	Verdict
11A	149	5745	Ant 1	16.4	pass
	165	5825	Ant 1	16.4	pass
11N20	149	5745	Ant 1	17.62	pass
	165	5825	Ant 1	17.64	pass
11N40	151	5755	Ant 1	35.68	pass
	159	5795	Ant 1	35.38	pass
11AC20	149	5745	Ant 1	17.64	pass
	165	5825	Ant 1	17.64	pass
11AC40	151	5755	Ant 1	35.22	pass
	159	5795	Ant 1	35.40	pass
11AC80	155	5775	Ant 1	75.2	pass

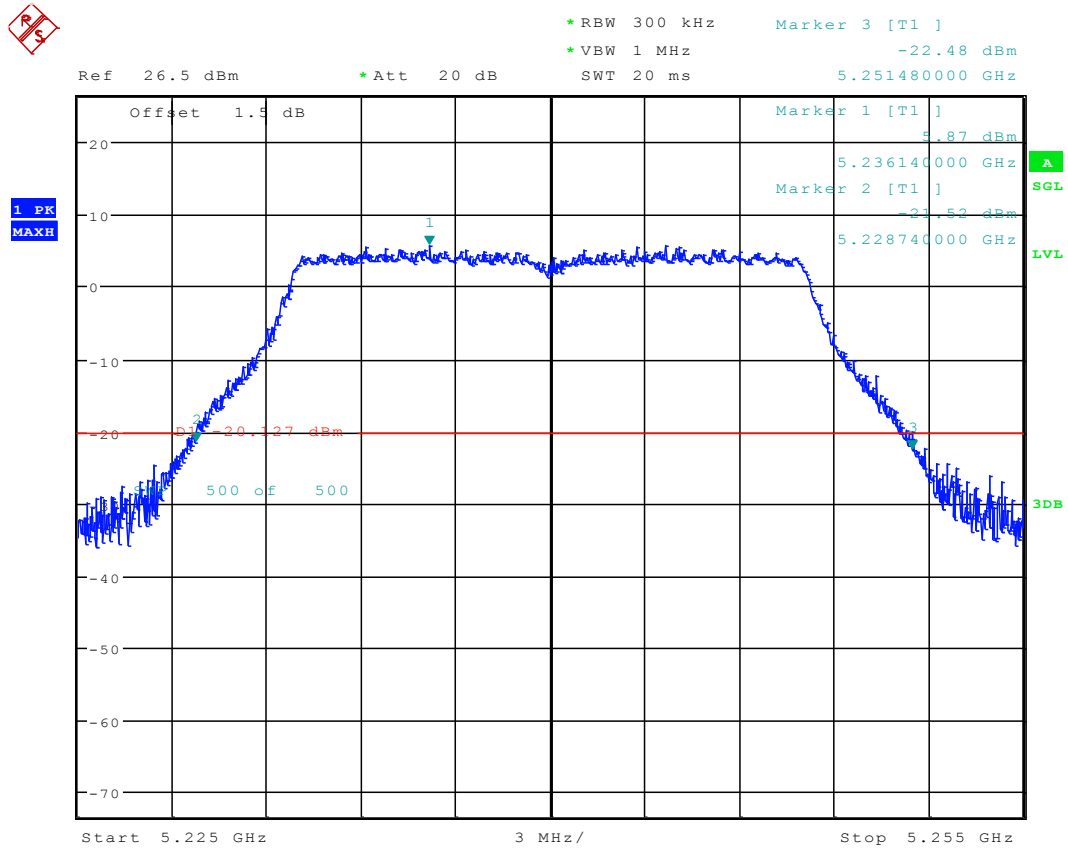
2 Test Plot for 26dBEmission Bandwidth

2.1 11A_36 Ant 1



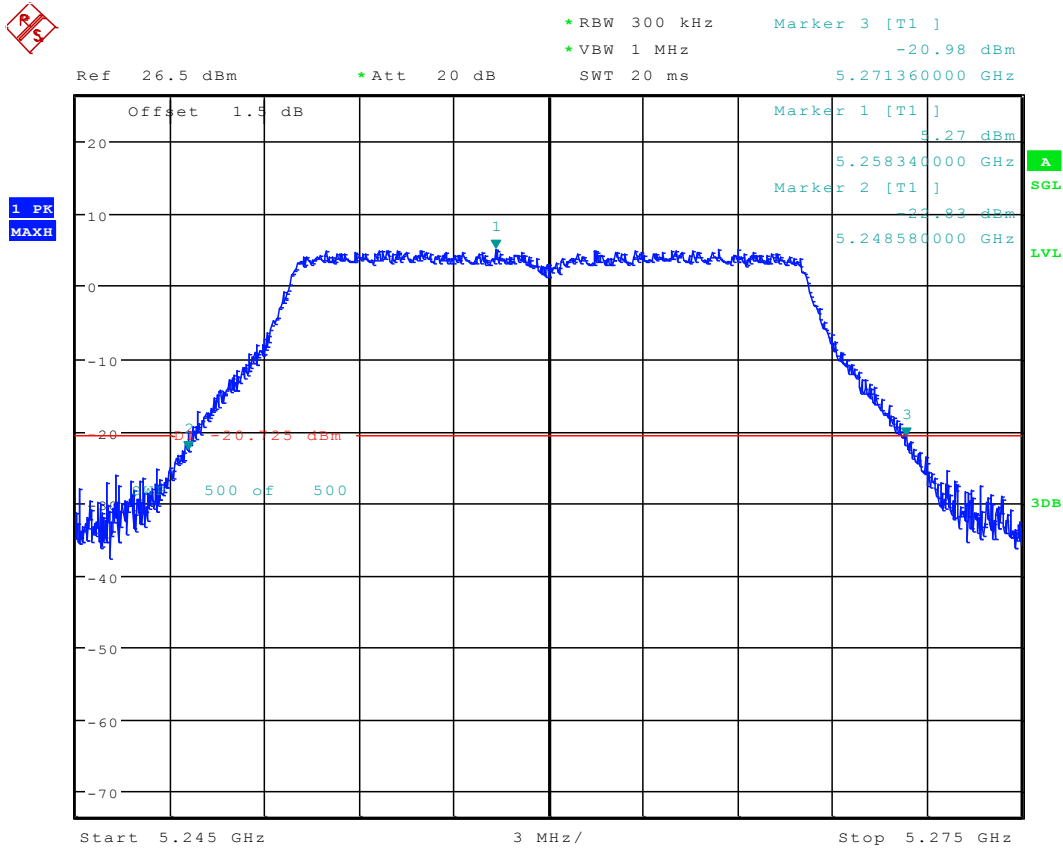
Date: 7.JUL.2016 16:50:31

2.2 11A_48 Ant 1



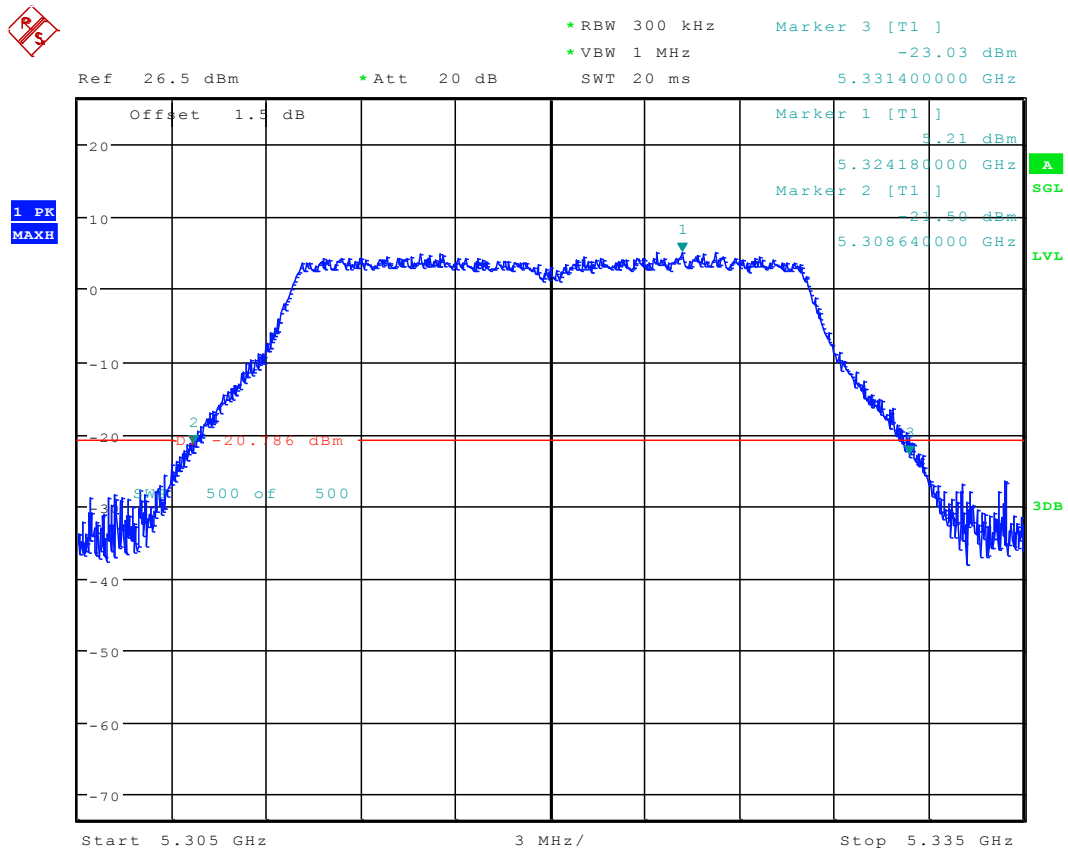
Date: 7.JUL.2016 16:59:21

2.3 11A_52 Ant 1



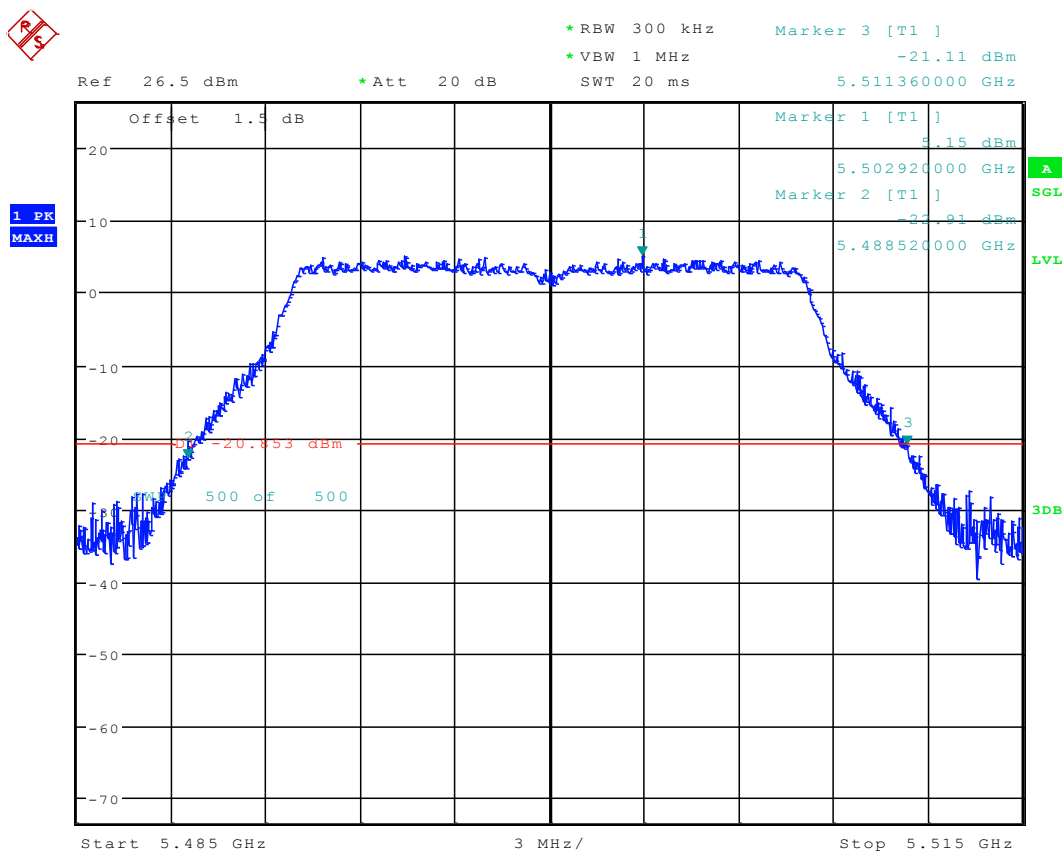
Date: 7.JUL.2016 17:06:37

2.4 11A_64 Ant 1



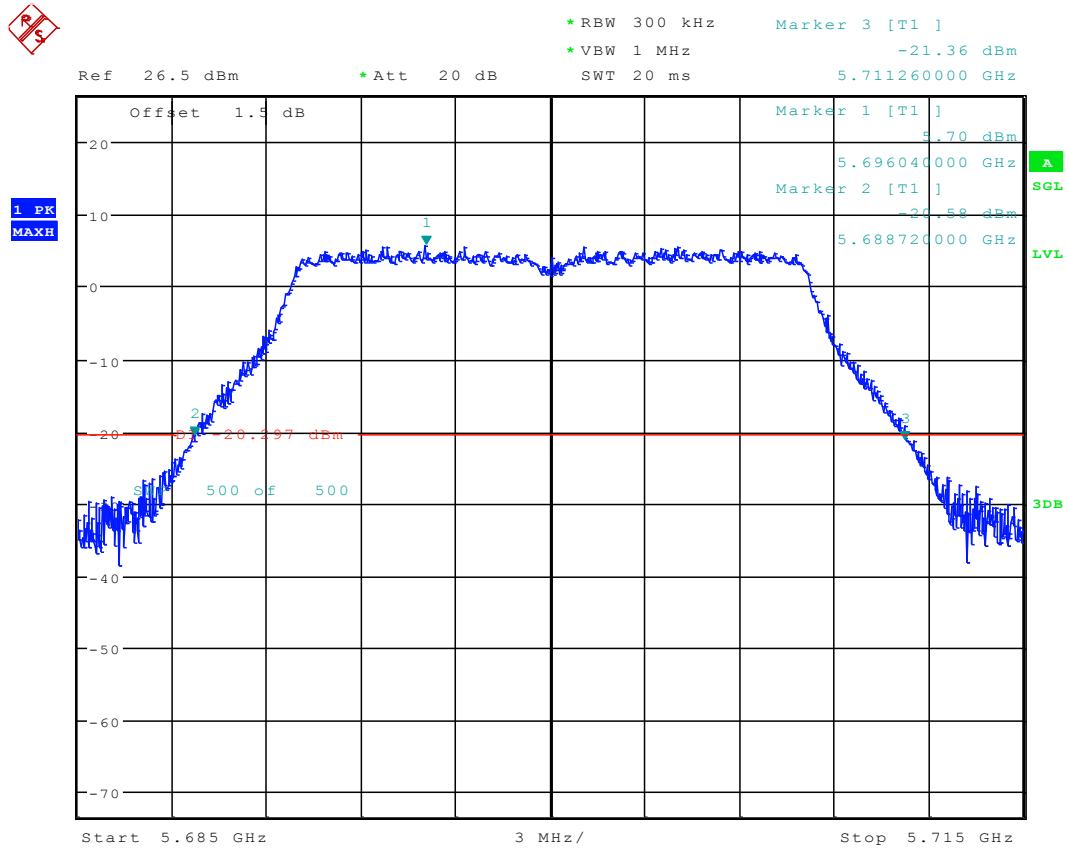
Date: 7.JUL.2016 17:16:53

2.5 11A_100 Ant 1



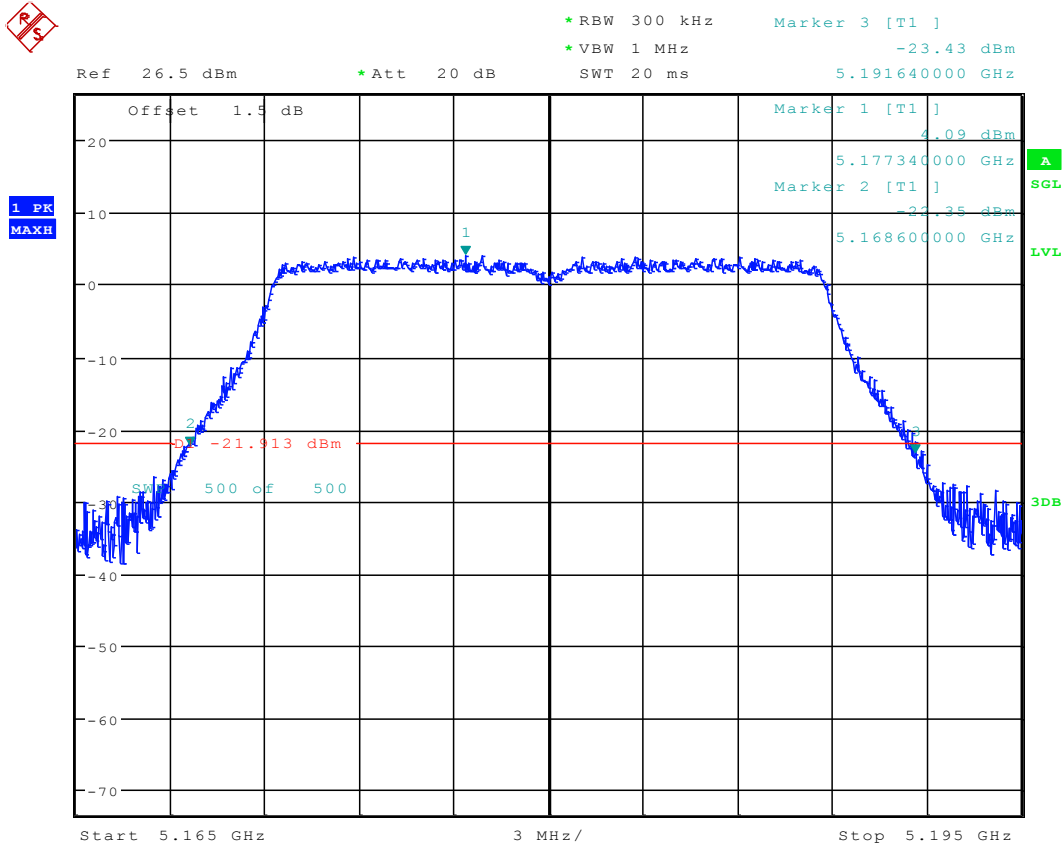
Date: 7.JUL.2016 17:34:20

2.6 11A_140 Ant 1



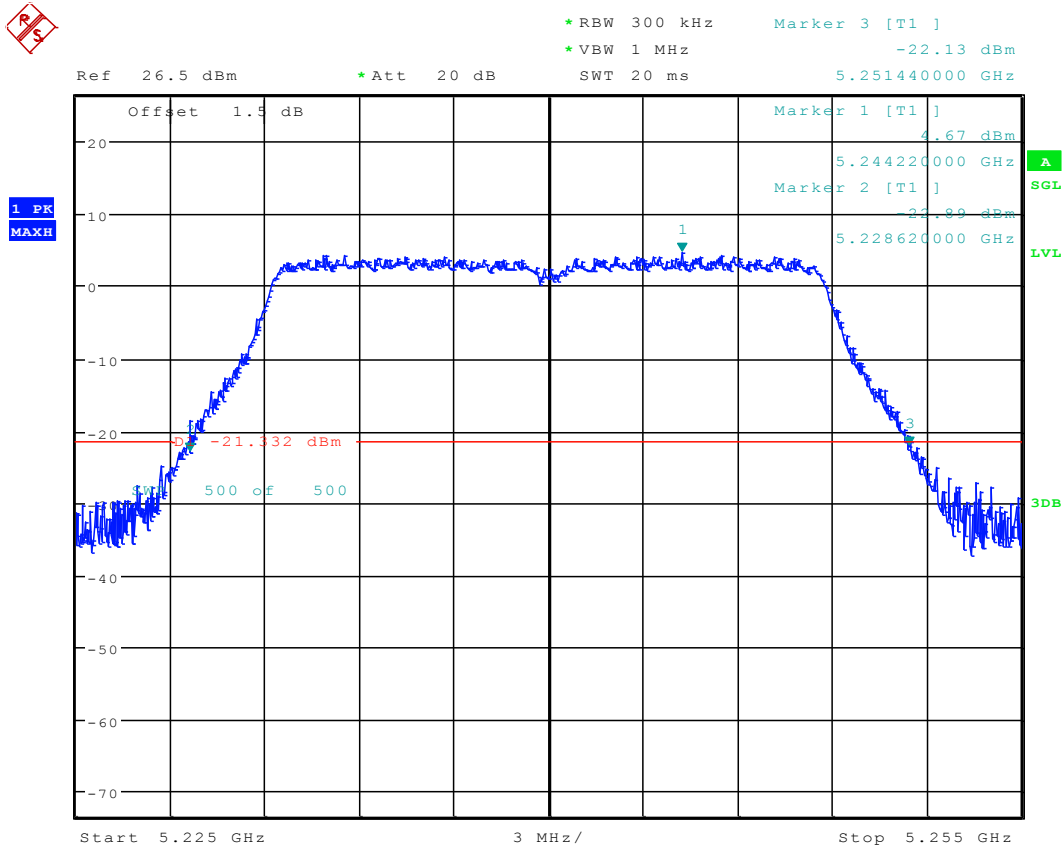
Date: 7.JUL.2016 18:02:05

2.7 11N20_36 Ant 1



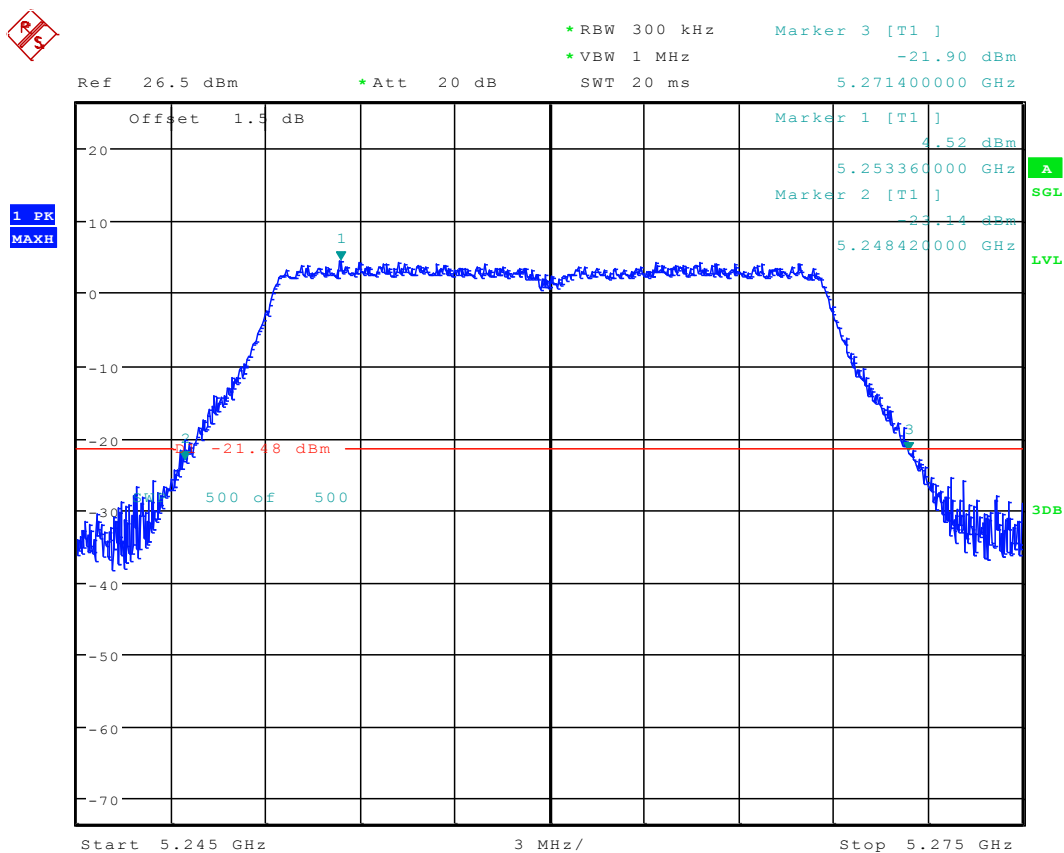
Date: 7.JUL.2016 18:33:29

2.8 11N20_48 Ant 1



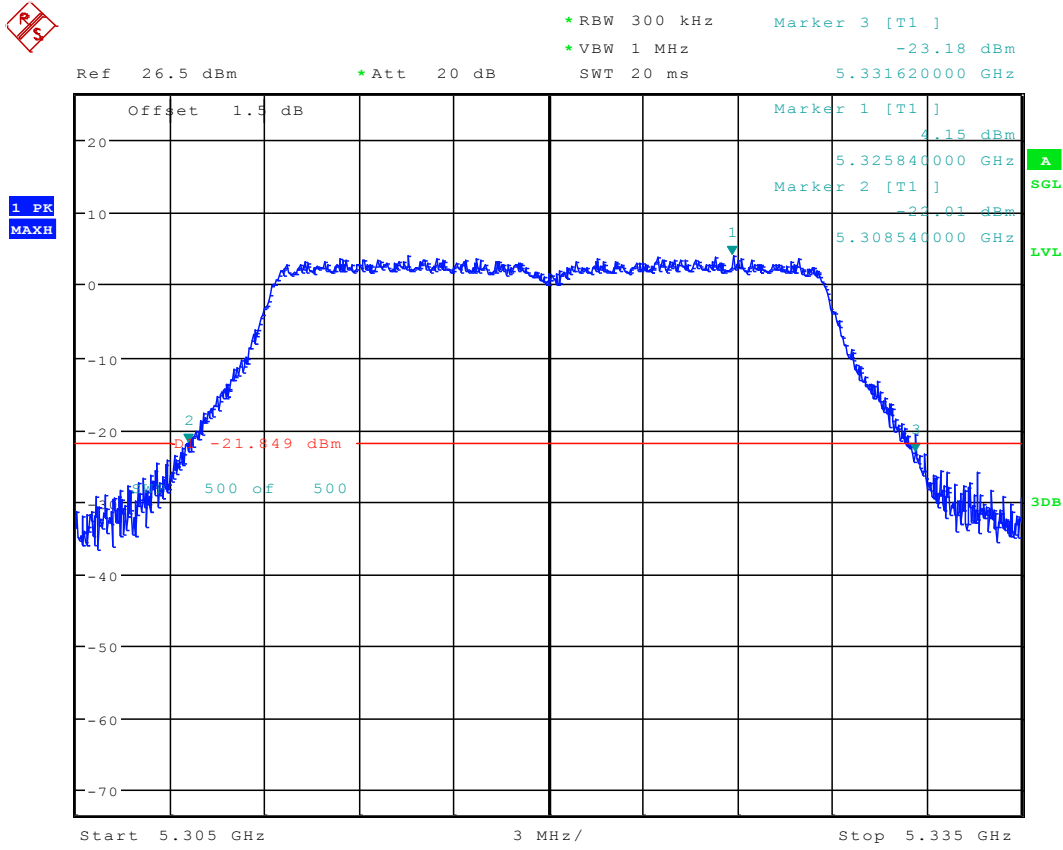
Date: 7.JUL.2016 18:51:21

2.9 11N20_52 Ant 1



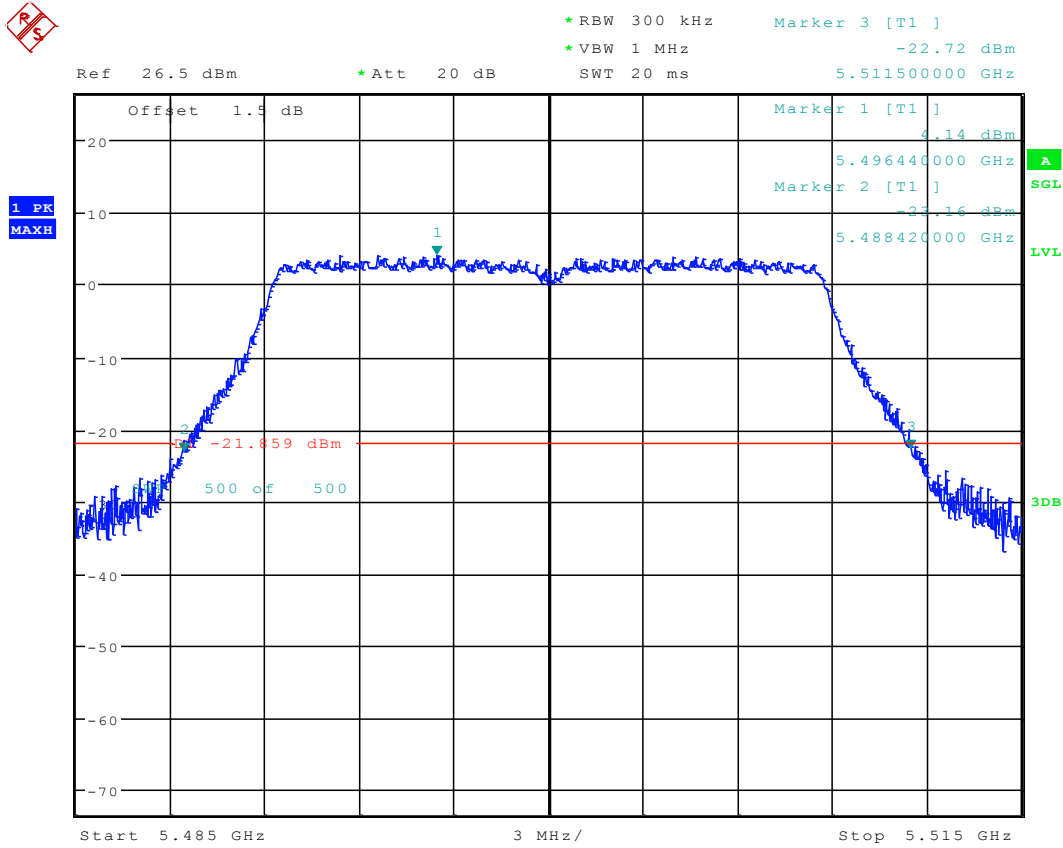
Date: 7.JUL.2016 18:57:15

2.10 11N20_64 Ant 1



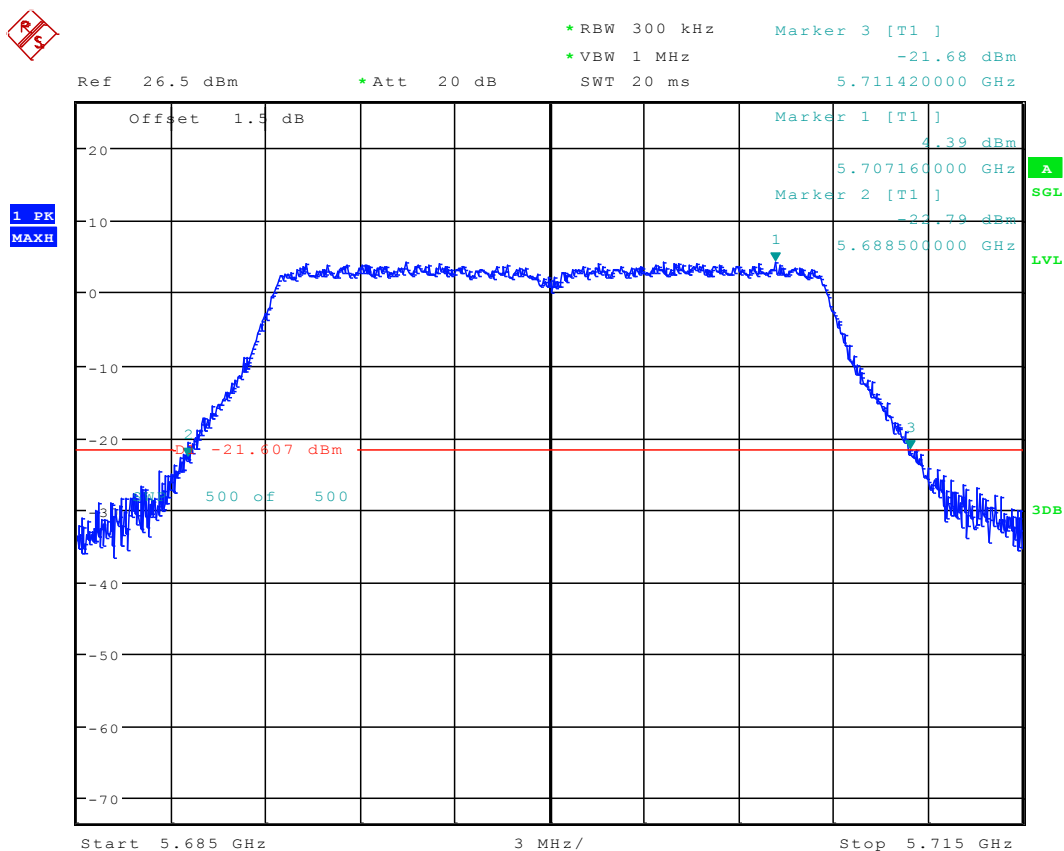
Date: 7.JUL.2016 19:03:54

2.11 11N20_100 Ant 1



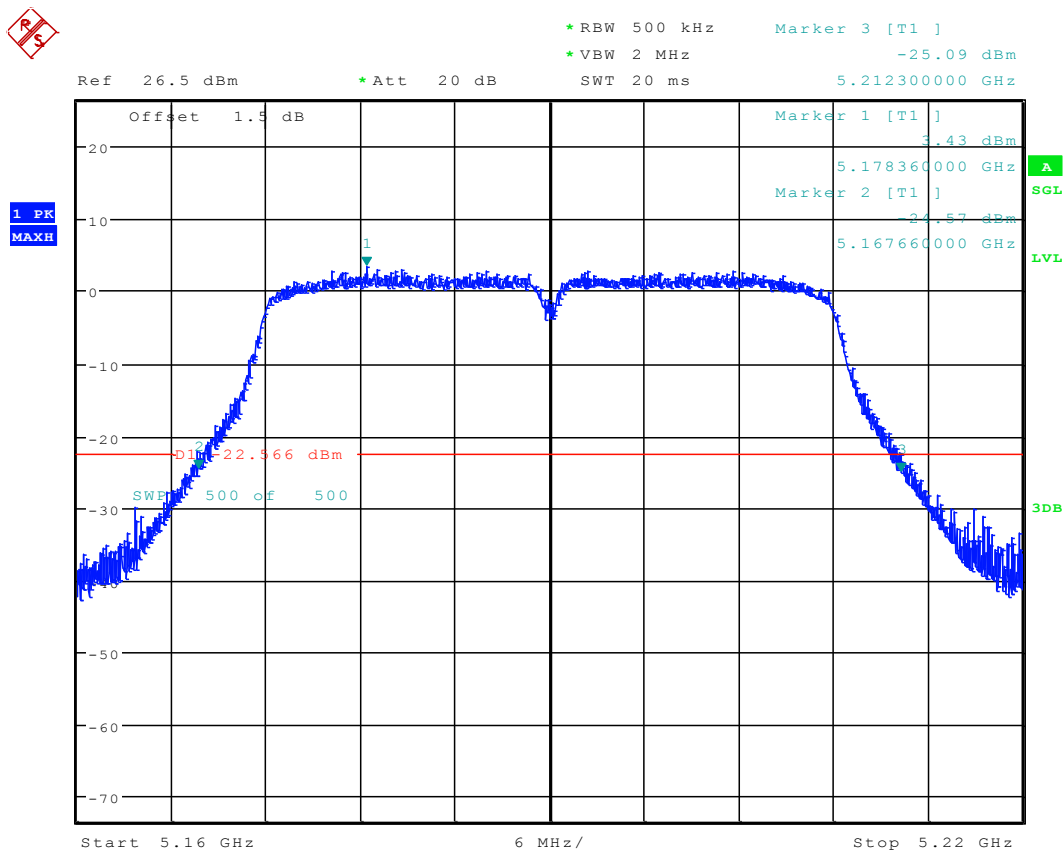
Date: 7.JUL.2016 19:09:03

2.12 11N20_140 Ant 1



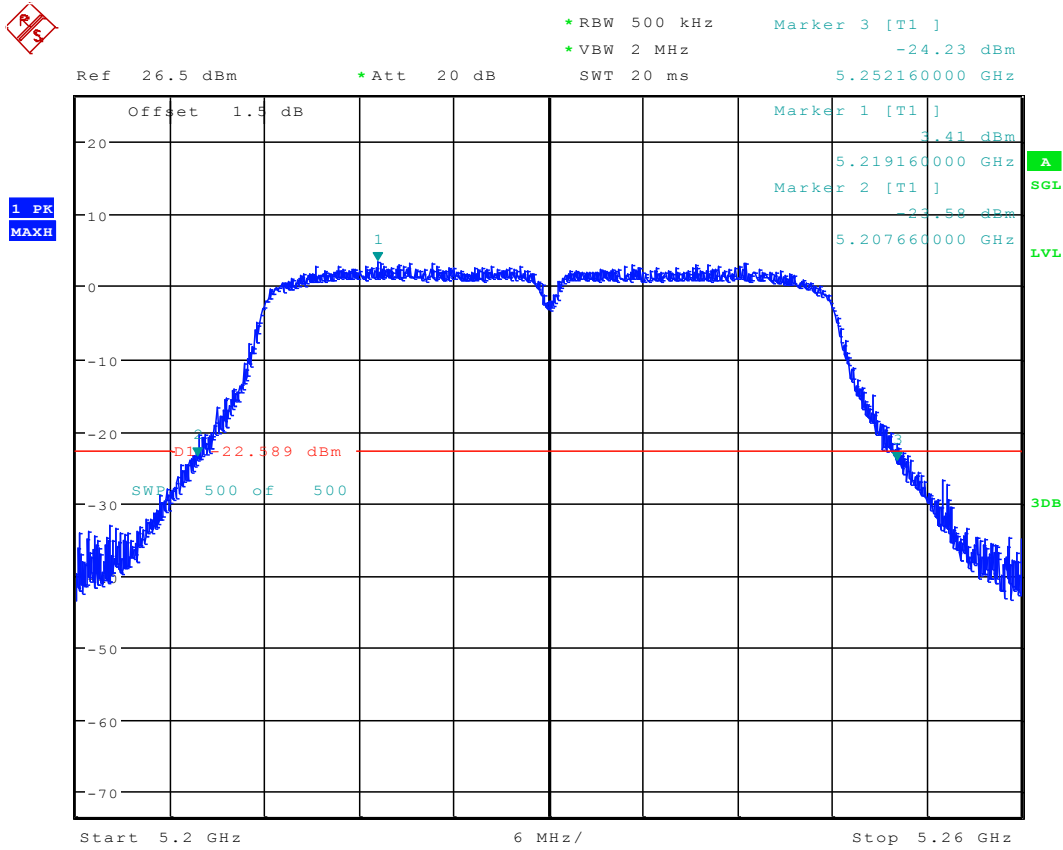
Date: 7.JUL.2016 19:15:35

2.13 11N40_38 Ant 1



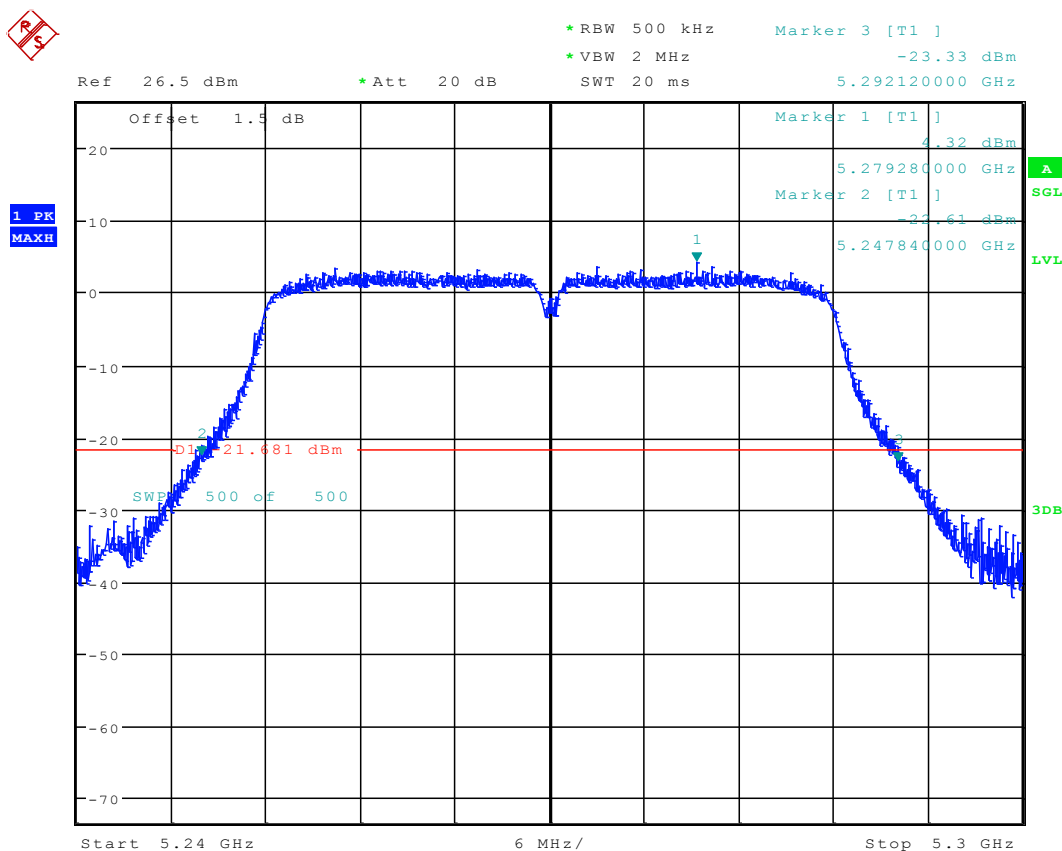
Date: 8.JUL.2016 11:24:42

2.14 11N40_46 Ant 1



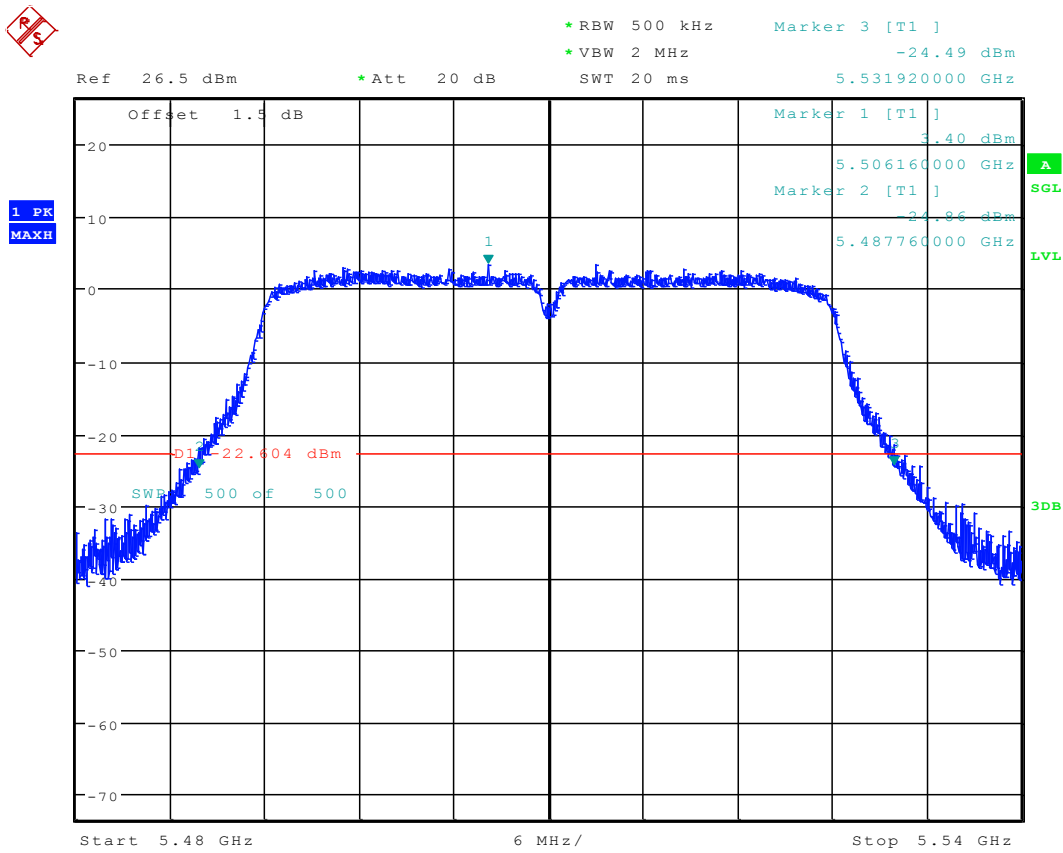
Date: 8.JUL.2016 11:46:07

2.15 11N40_54 Ant 1



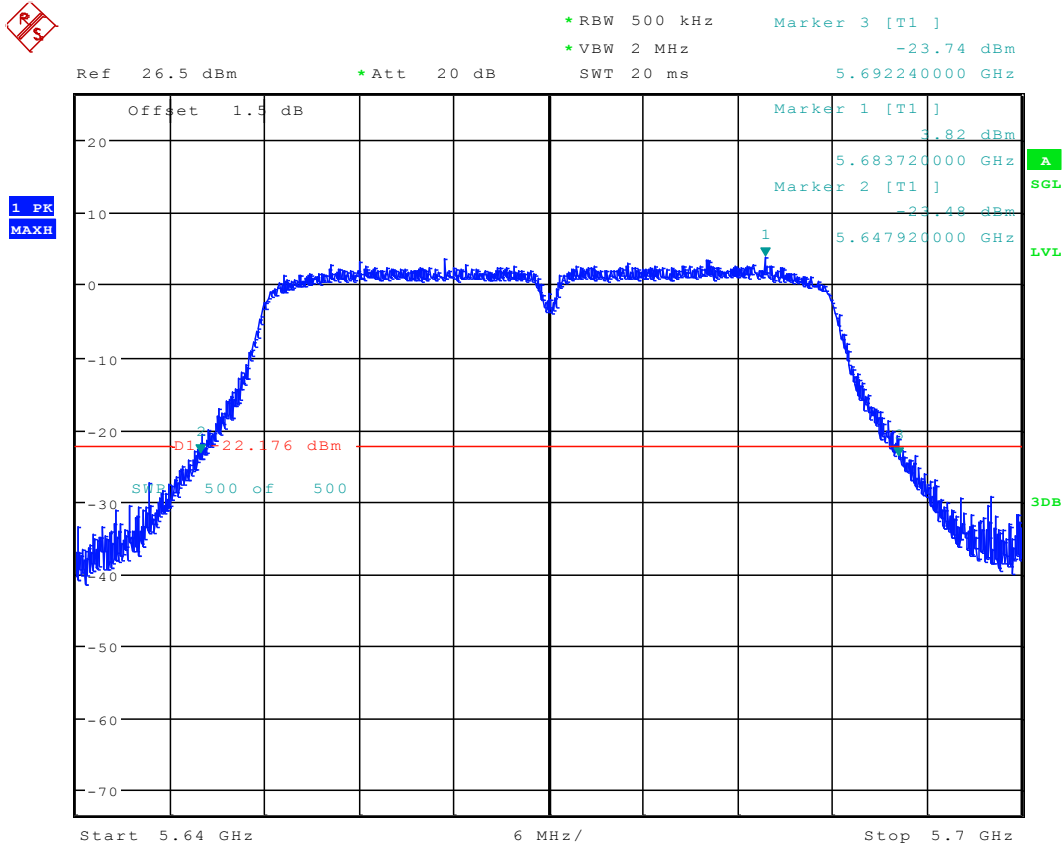
Date: 8.JUL.2016 11:53:34

2.17 11N40_102 Ant 1



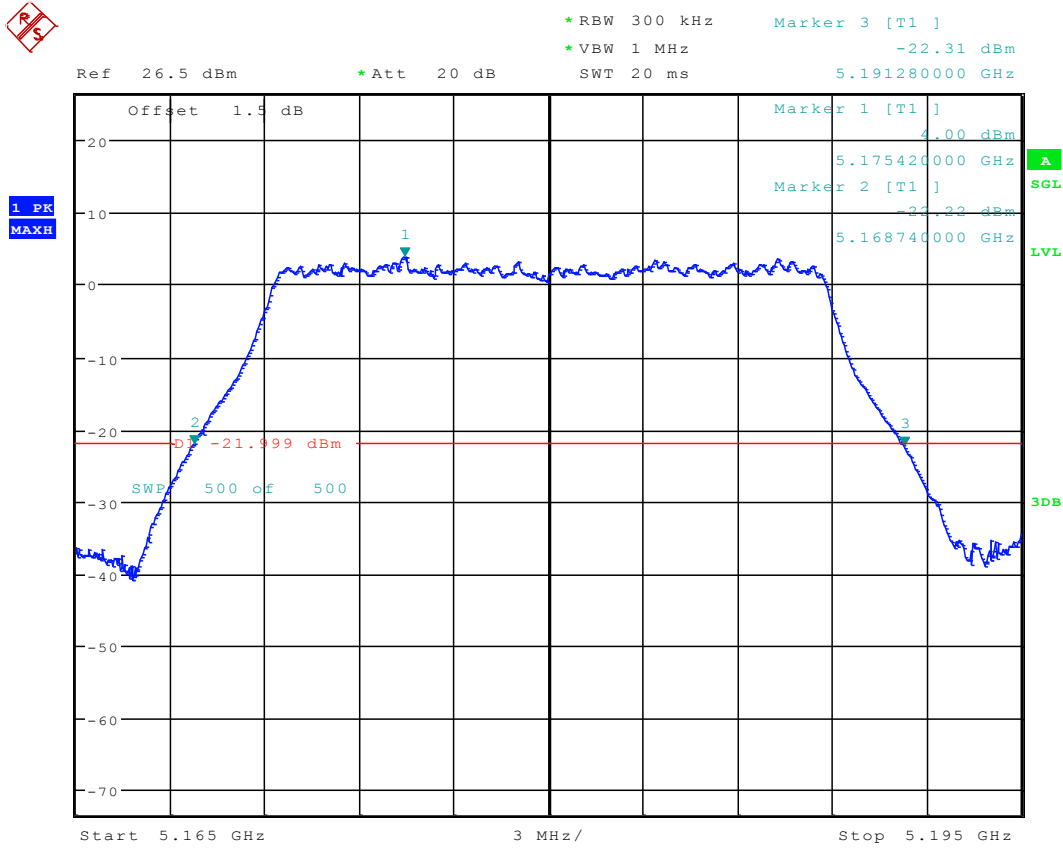
Date: 8.JUL.2016 12:22:25

2.18 11N40_134 Ant 1



Date: 8.JUL.2016 12:26:30

2.19 11AC20_36 Ant 1

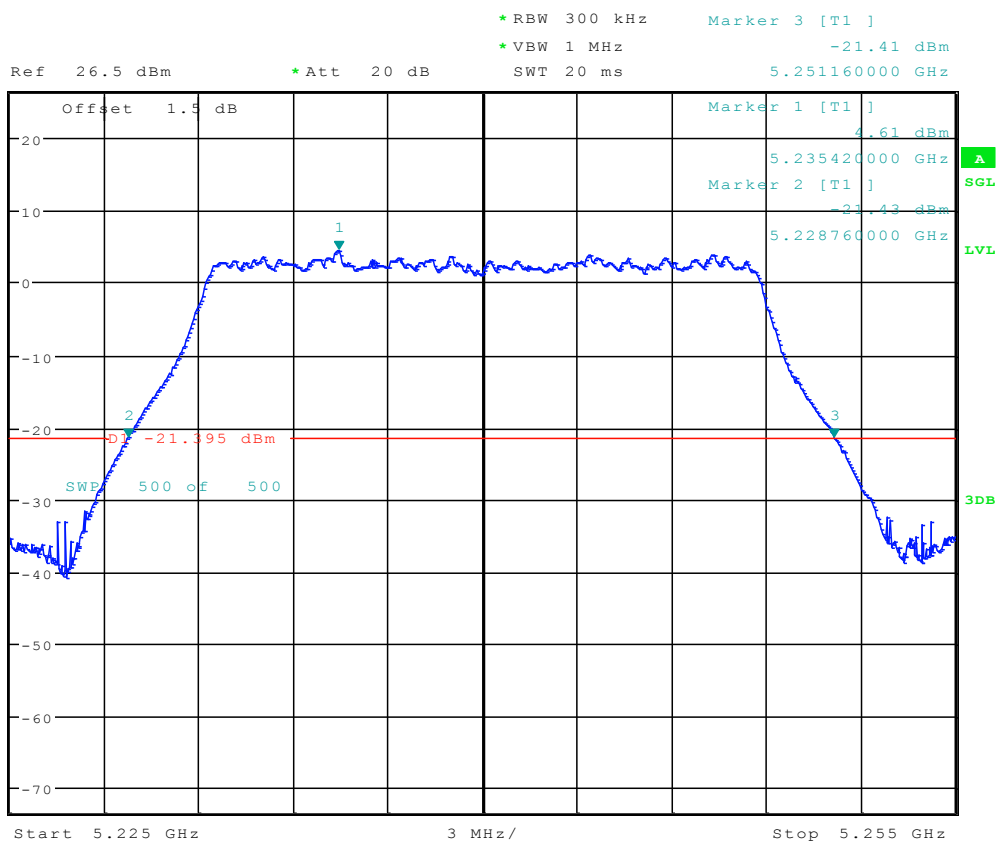


Date: 8.JUL.2016 12:50:50

2.20 11AC20_48 Ant 1

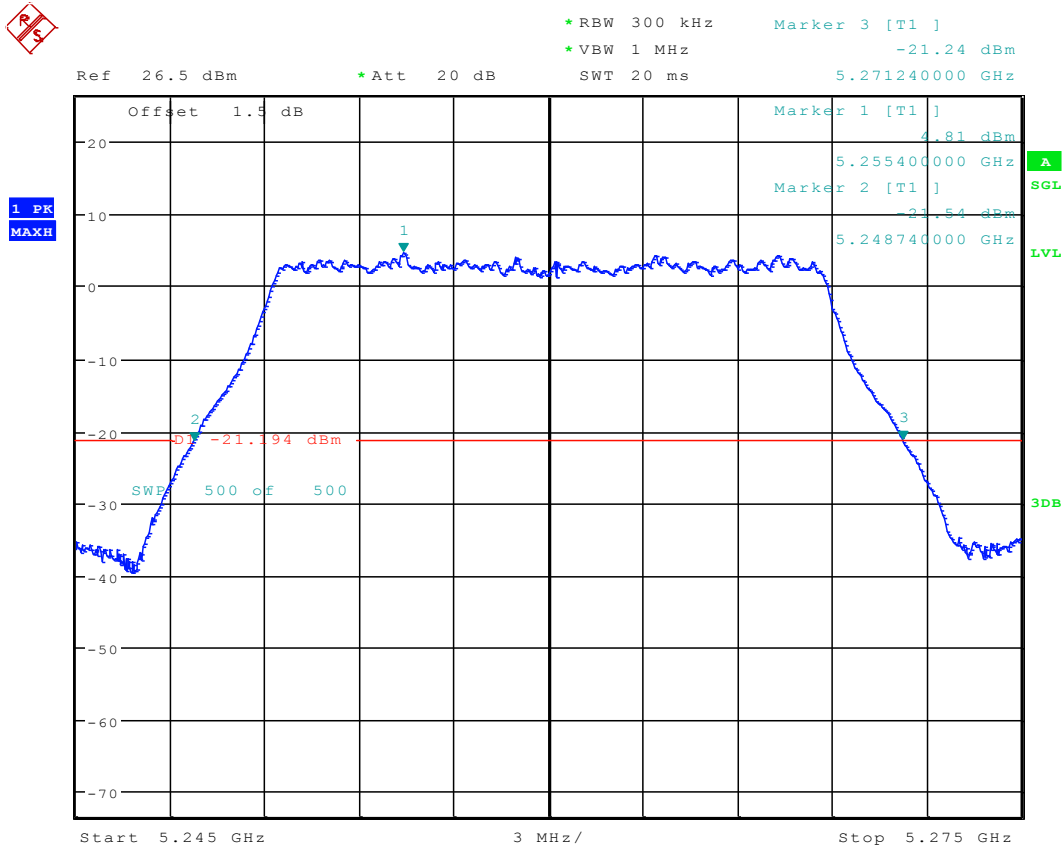


1 PK
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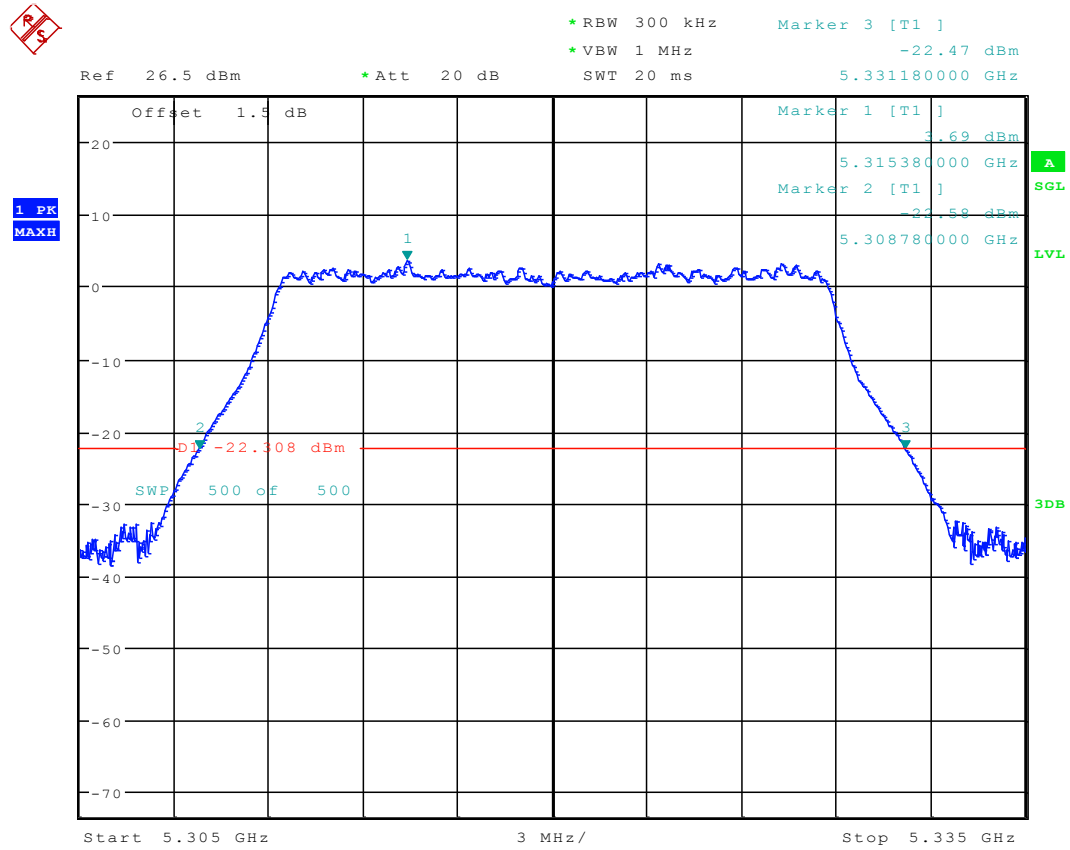
Date: 8.JUL.2016 12:56:19

2.21 11AC20_52 Ant 1



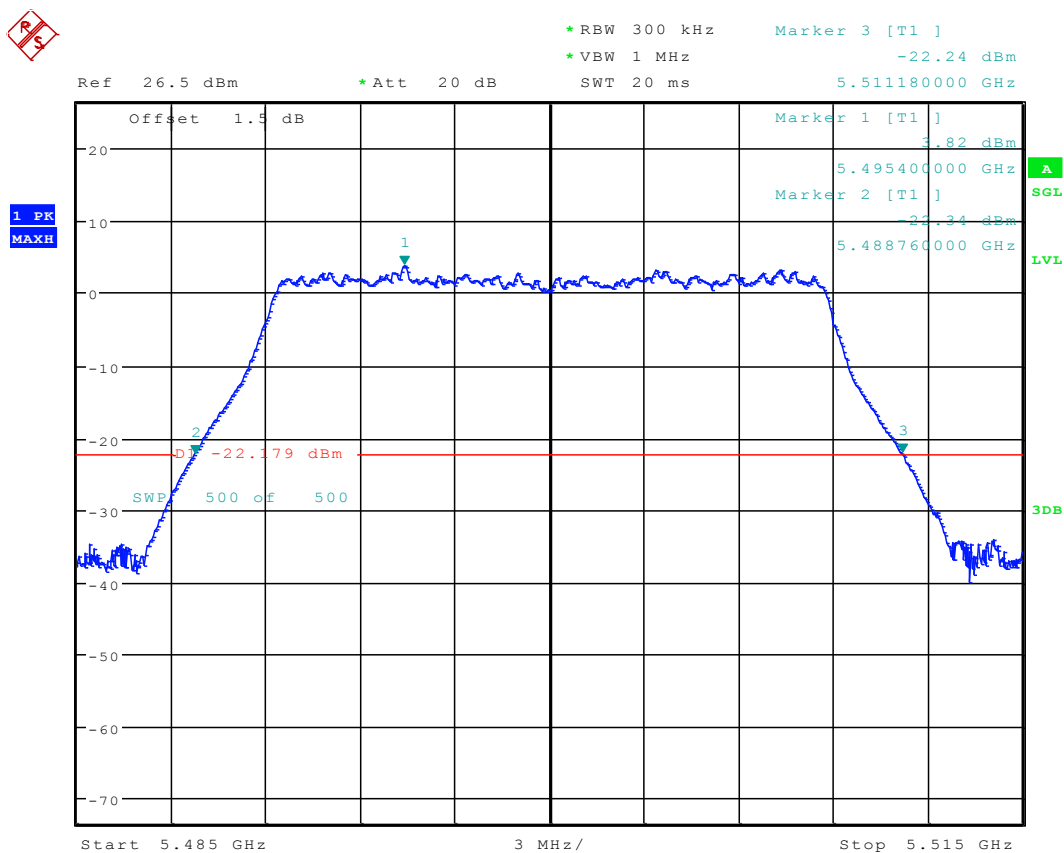
Date: 8.JUL.2016 13:02:45

2.22 11AC20_64 Ant 1



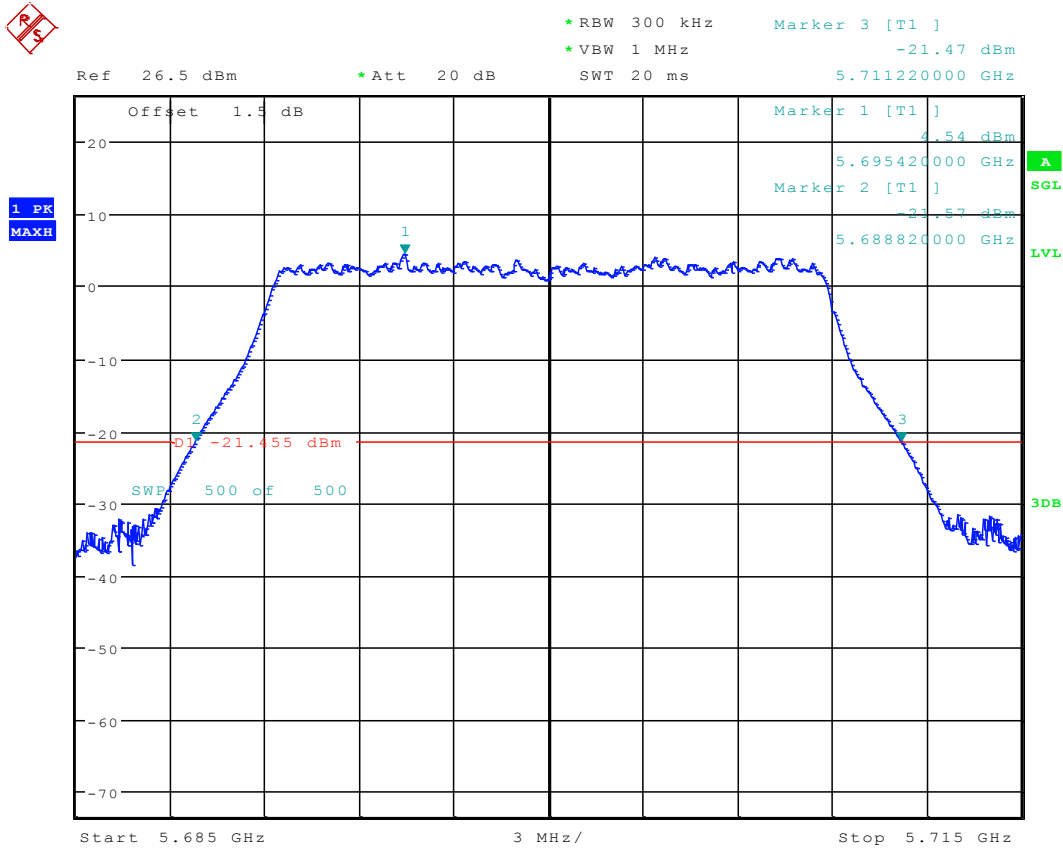
Date: 8.JUL.2016 13:27:50

2.23 11AC20_100 Ant 1



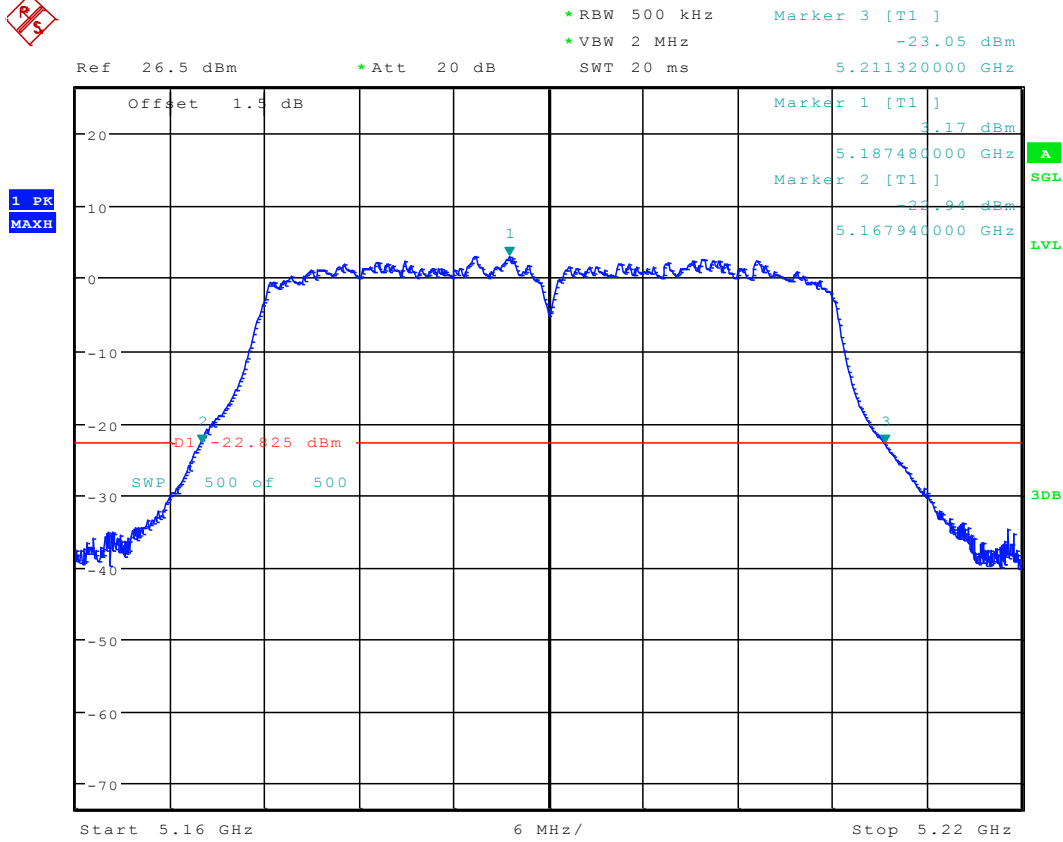
Date: 8.JUL.2016 13:32:50

2.24 11AC20_140 Ant 1



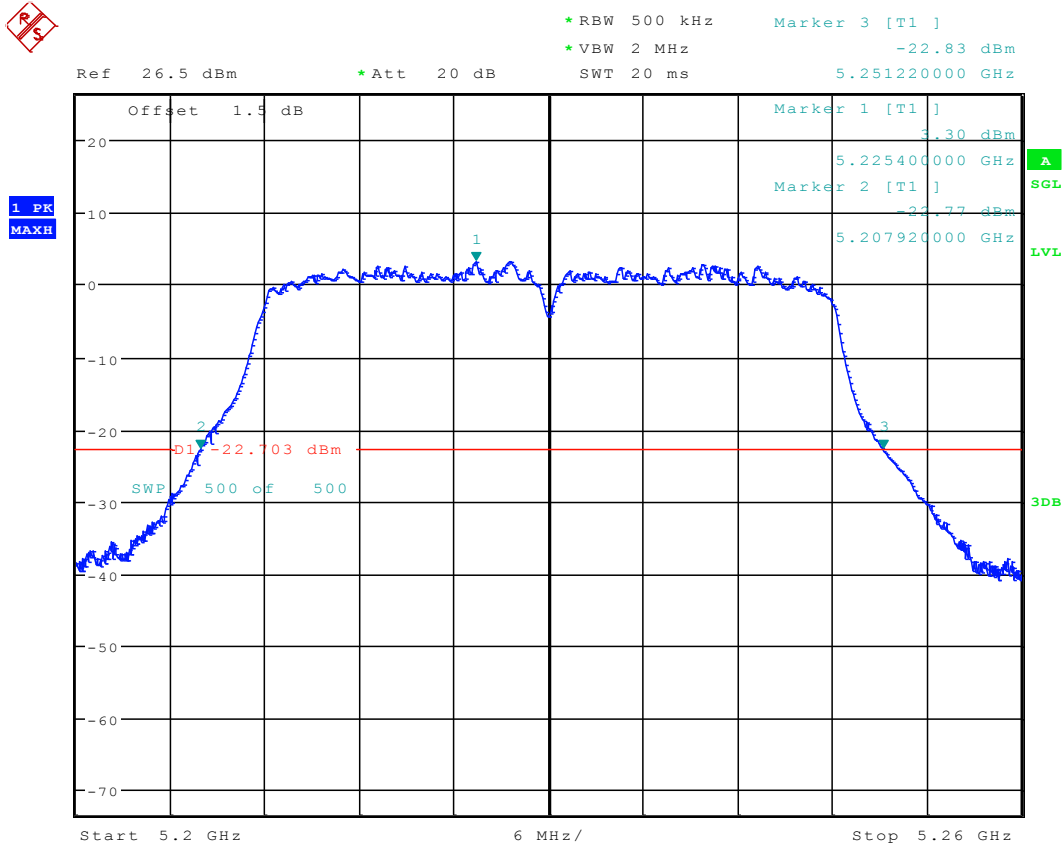
Date: 8.JUL.2016 13:37:38

2.25 11AC40_38 Ant 1



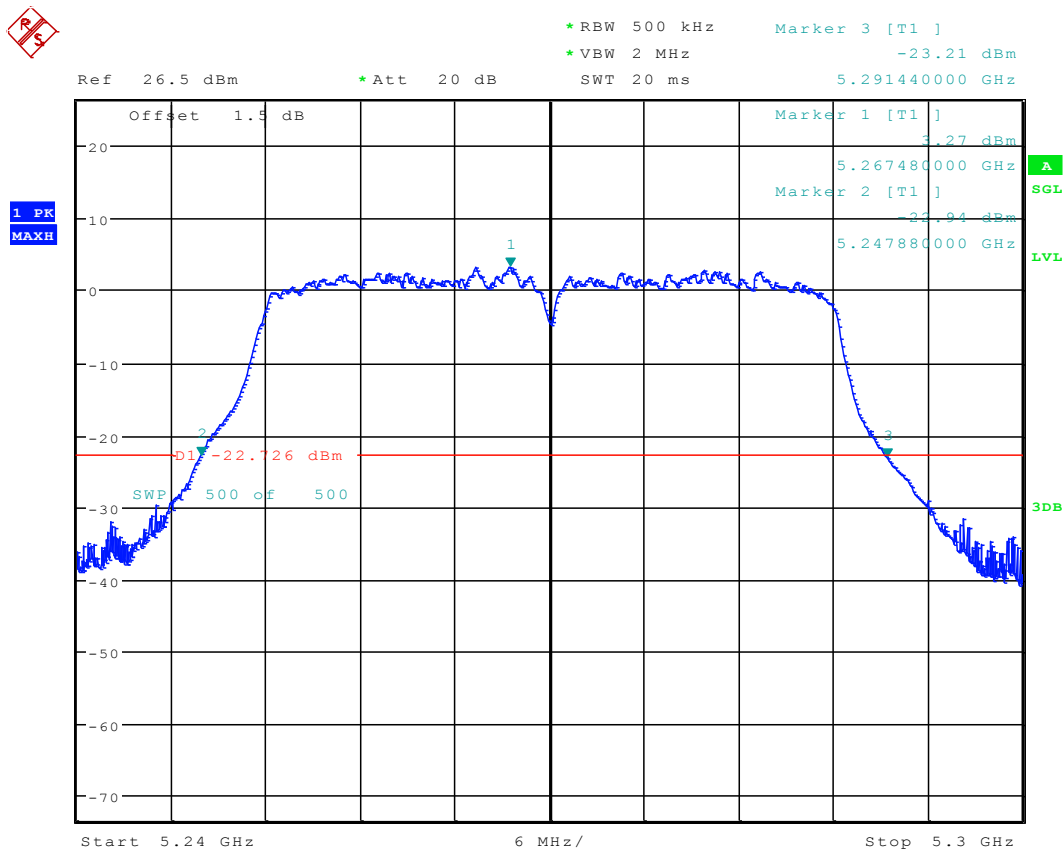
Date: 8.JUL.2016 16:27:08

2.26 11AC40_46 Ant 1



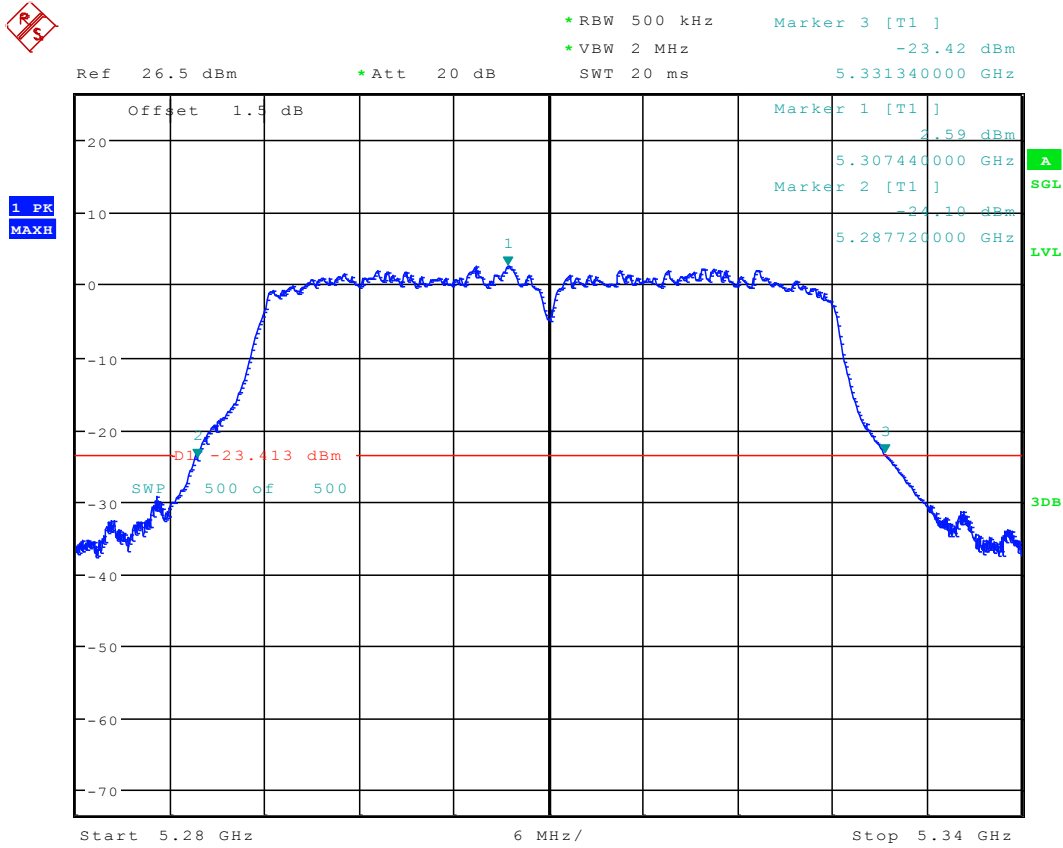
Date: 8.JUL.2016 16:33:48

2.27 11AC40_54 Ant 1



Date: 8.JUL.2016 16:39:06

2.28 11AC40_62 Ant 1

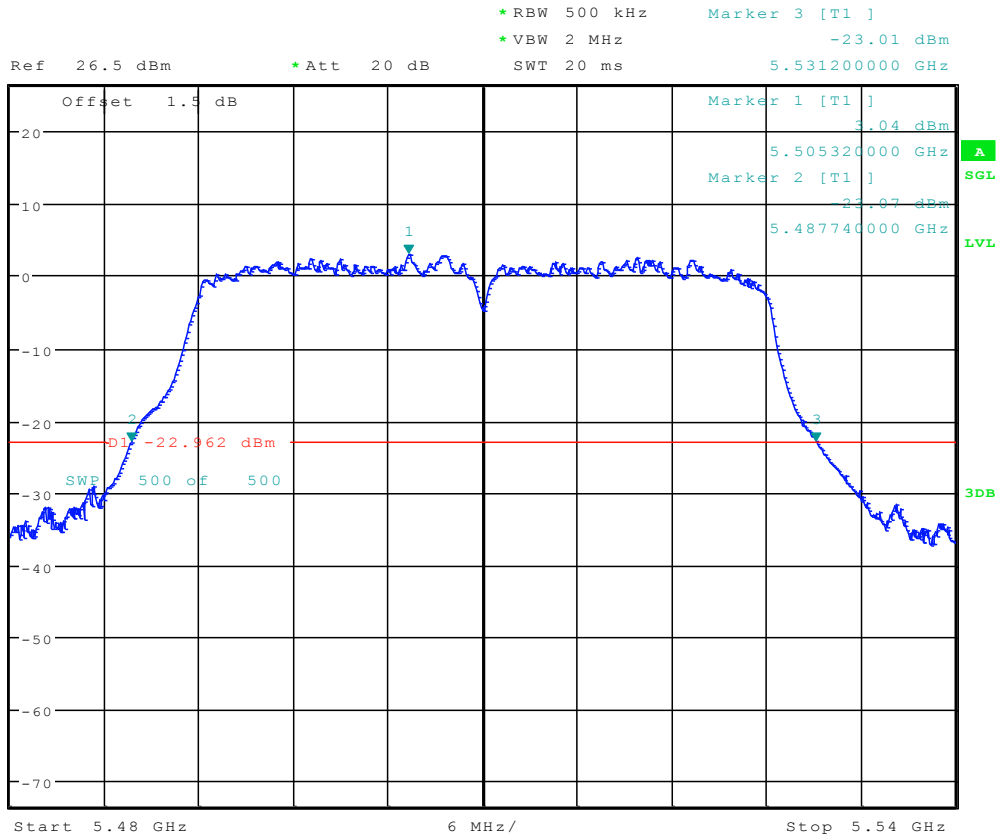


Date: 8.JUL.2016 16:45:49

2.29 11AC40_102 Ant 1



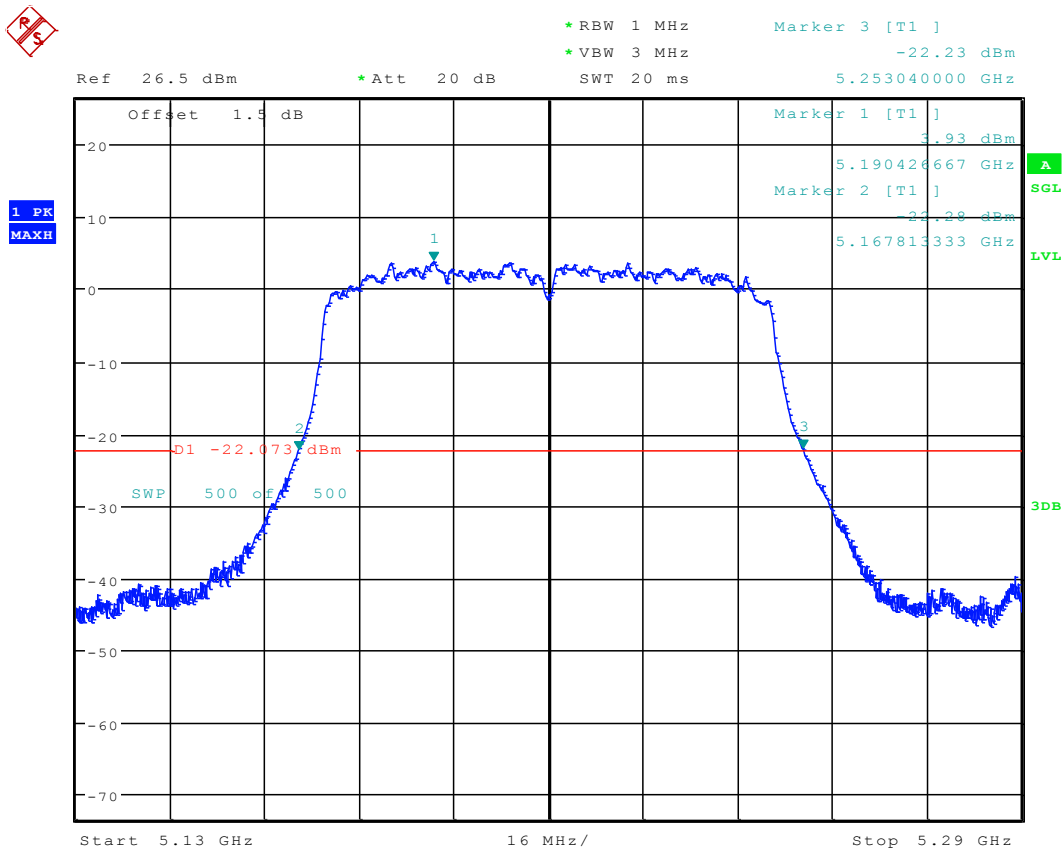
1 PK
MAXH



Date: 8.JUL.2016 16:51:07

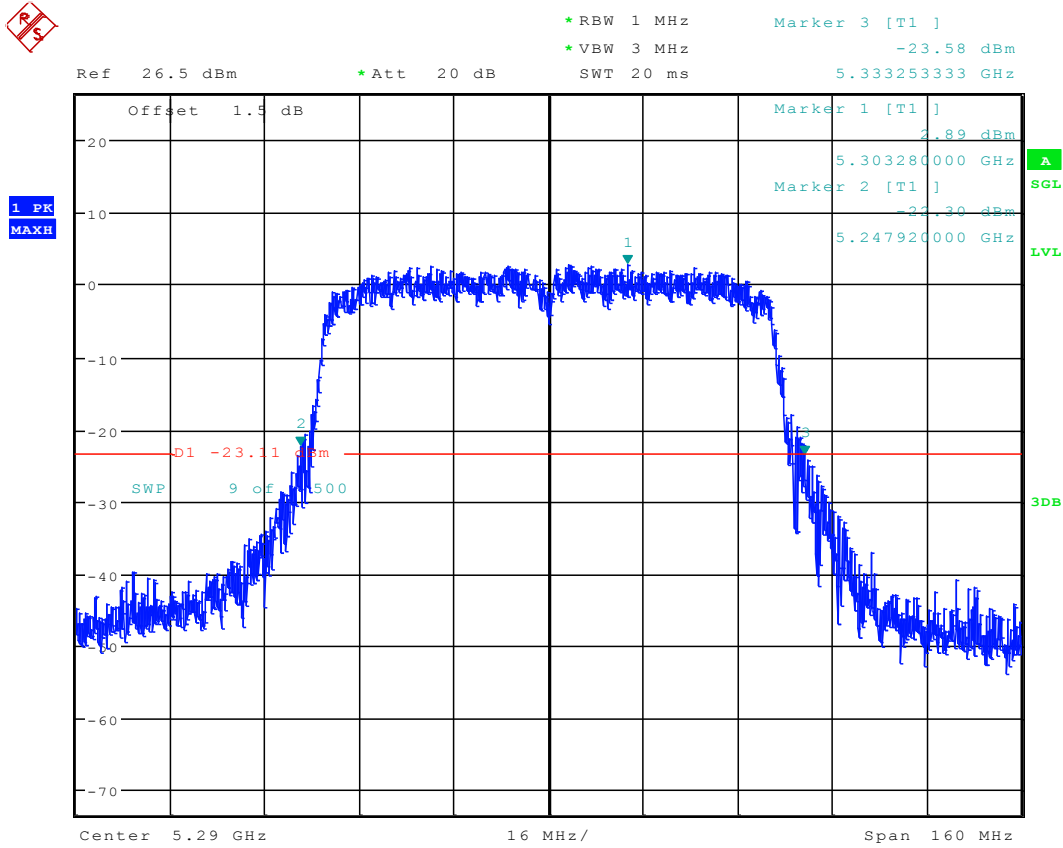


2.31 11AC80_42 Ant 1



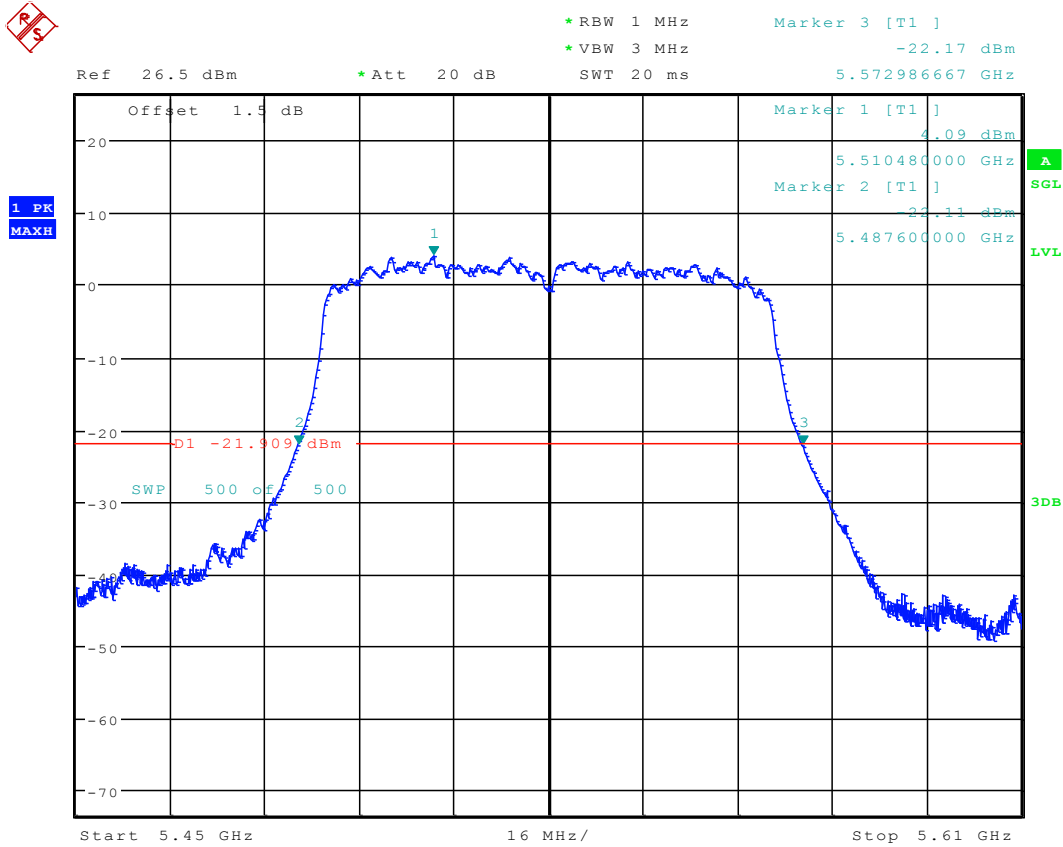
Date: 8.JUL.2016 17:31:44

2.32 11AC80_58 Ant 1



Date: 8.JUL.2016 17:37:08

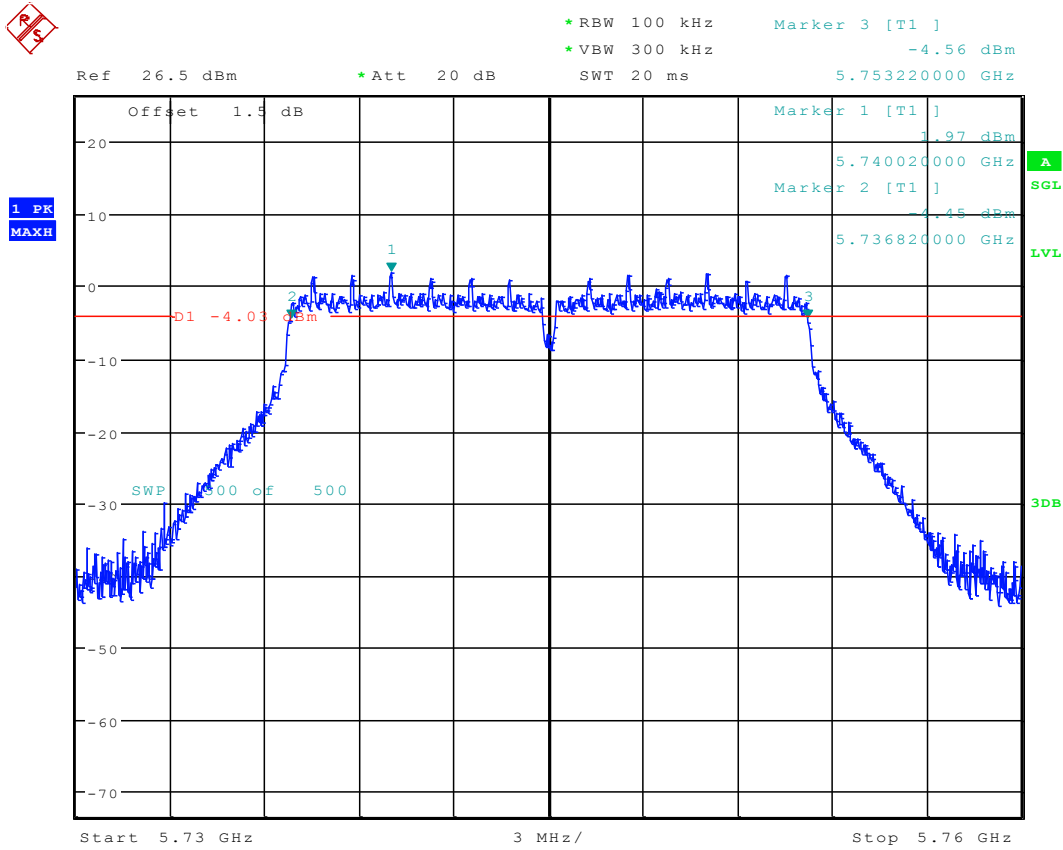
2.33 11AC80_106 Ant 1



Date: 8.JUL.2016 17:43:12

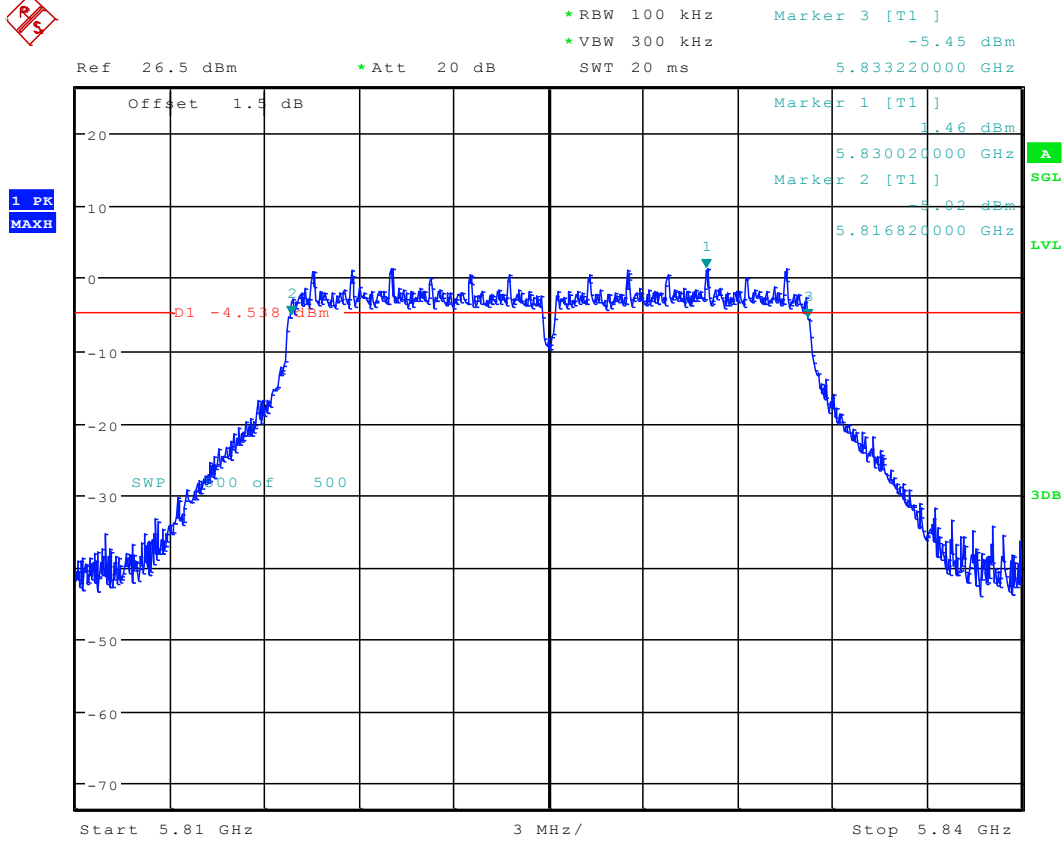
3 Test Plot for 6dBEmission Bandwidth

3.1 11A_149 Ant 1



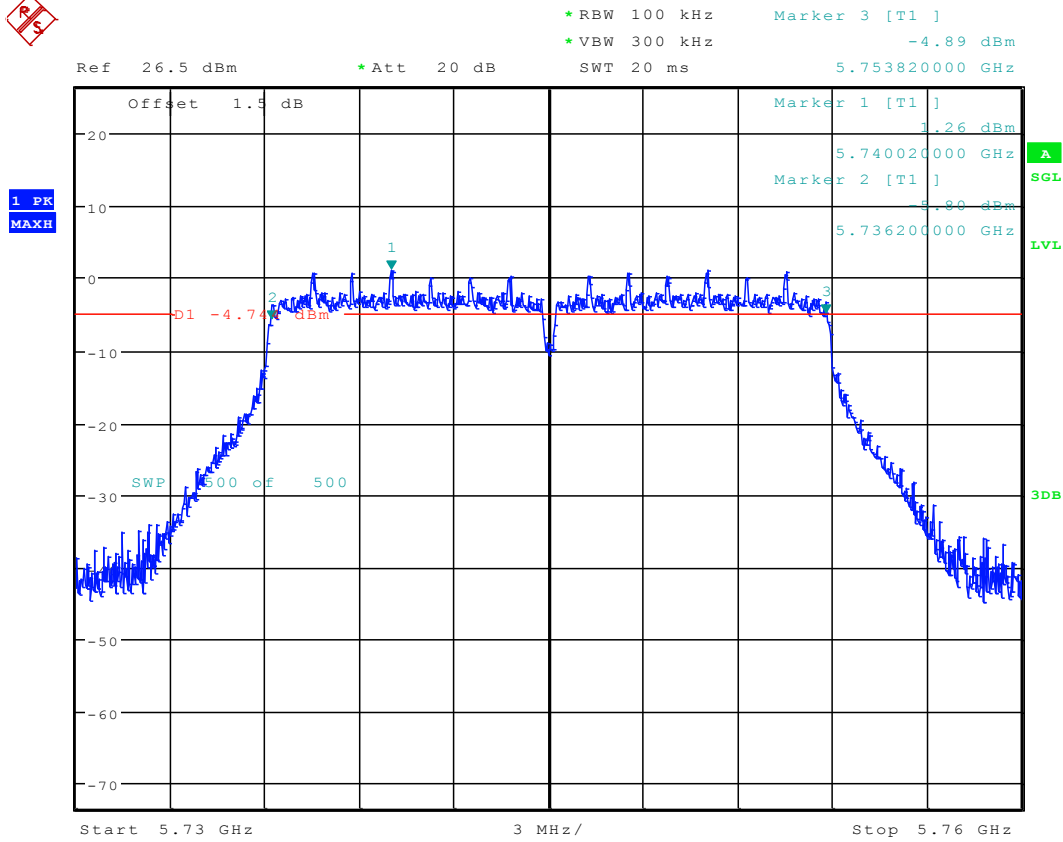
Date: 7.JUL.2016 18:07:09

3.2 11A_165 Ant 1



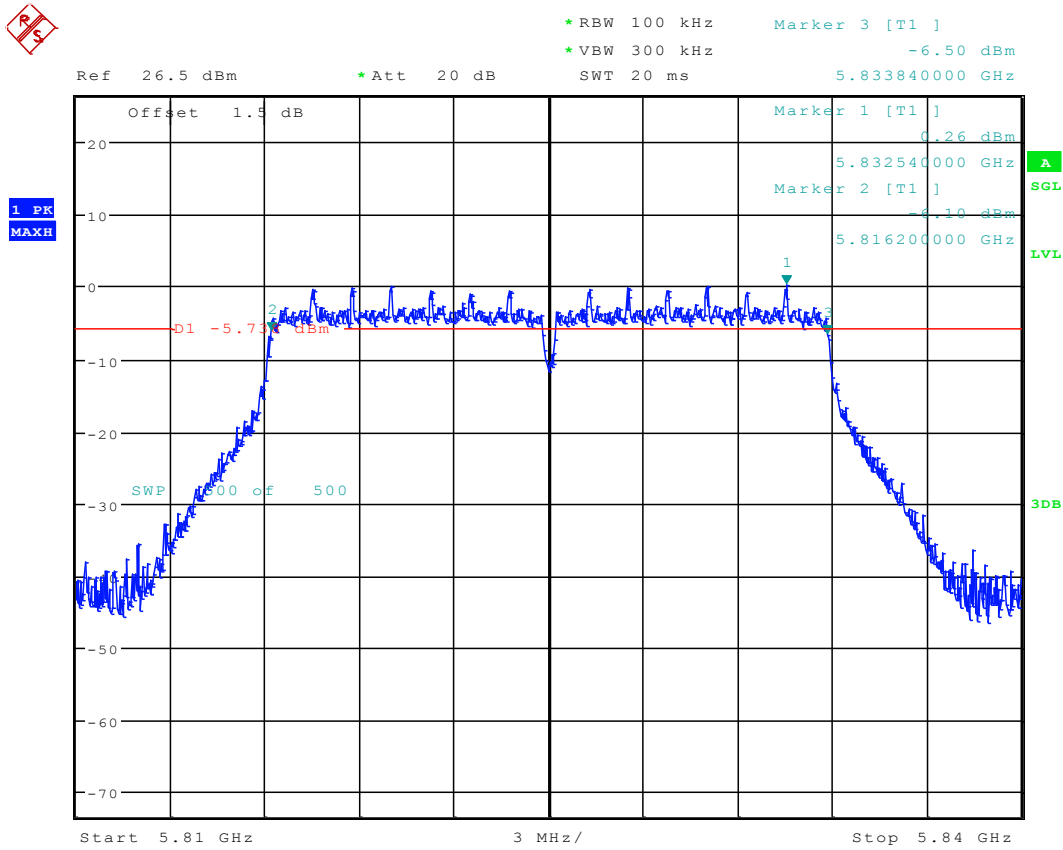
Date: 7.JUL.2016 18:24:07

3.3 11N20_149 Ant 1



Date: 7.JUL.2016 19:20:59

3.4 11N20_165 Ant 1

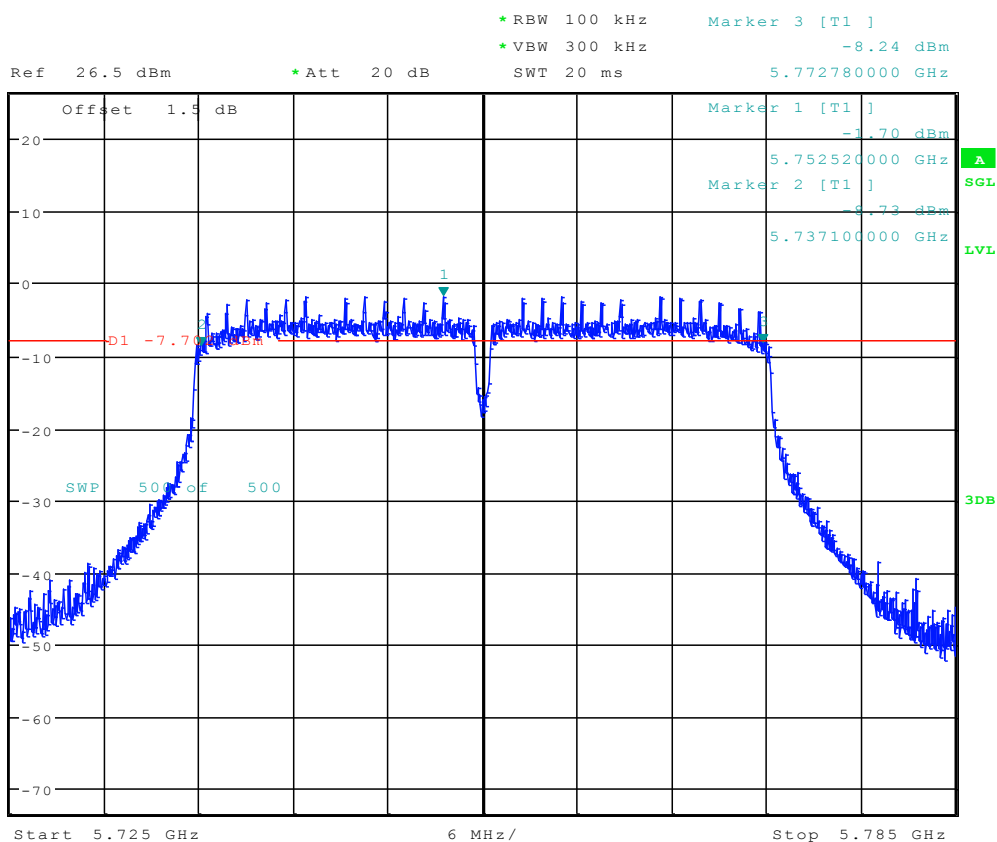


Date: 7.JUL.2016 19:26:27

3.5 11N40_151 Ant 1

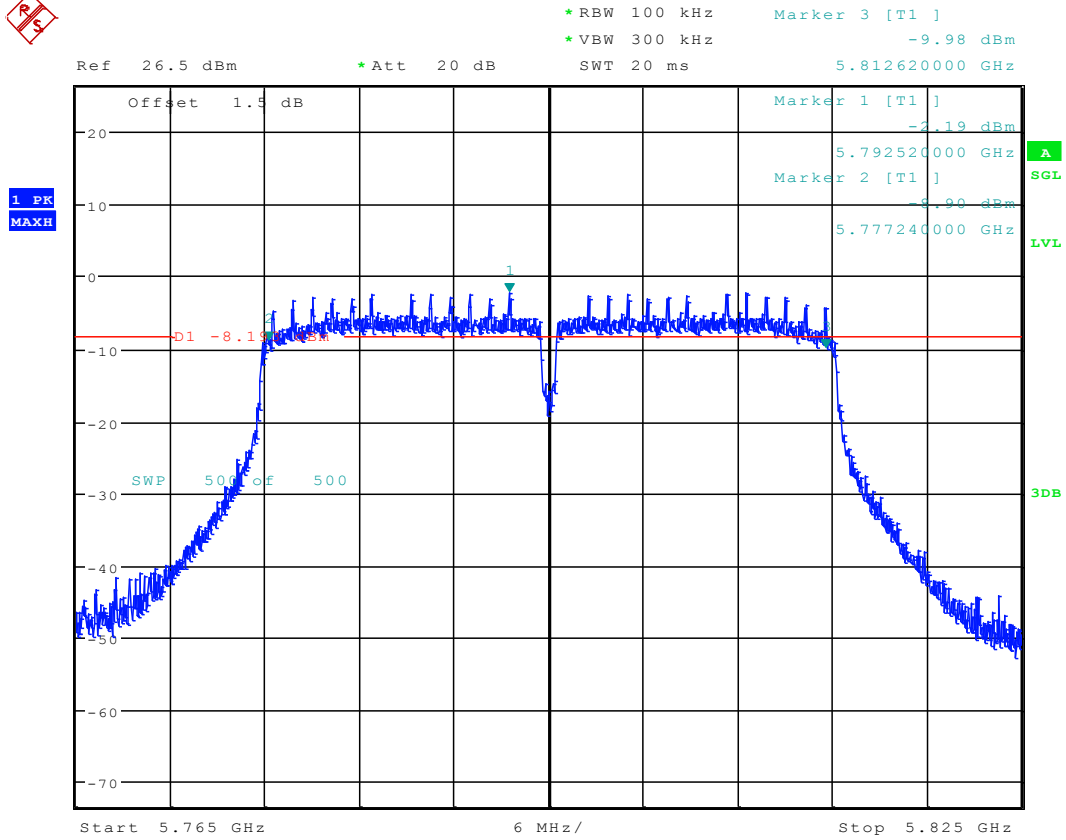


1 PK
MAXH



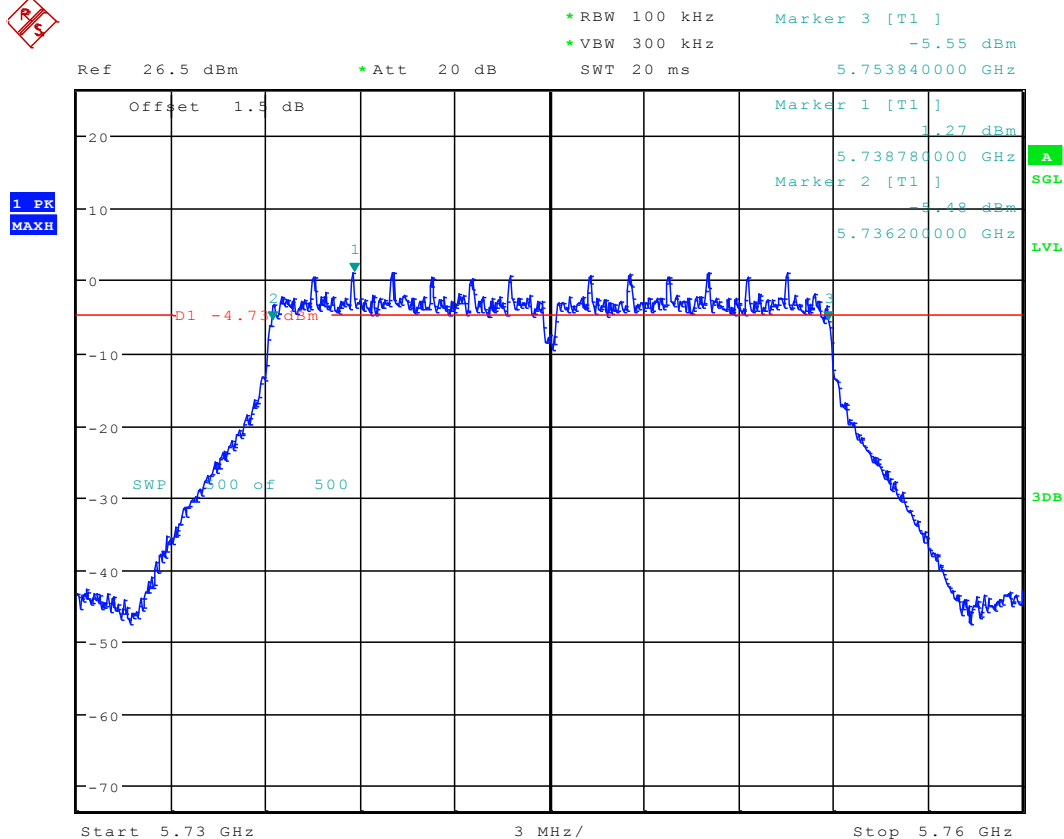
Date: 8.JUL.2016 12:36:45

3.6 11N40_159 Ant 1



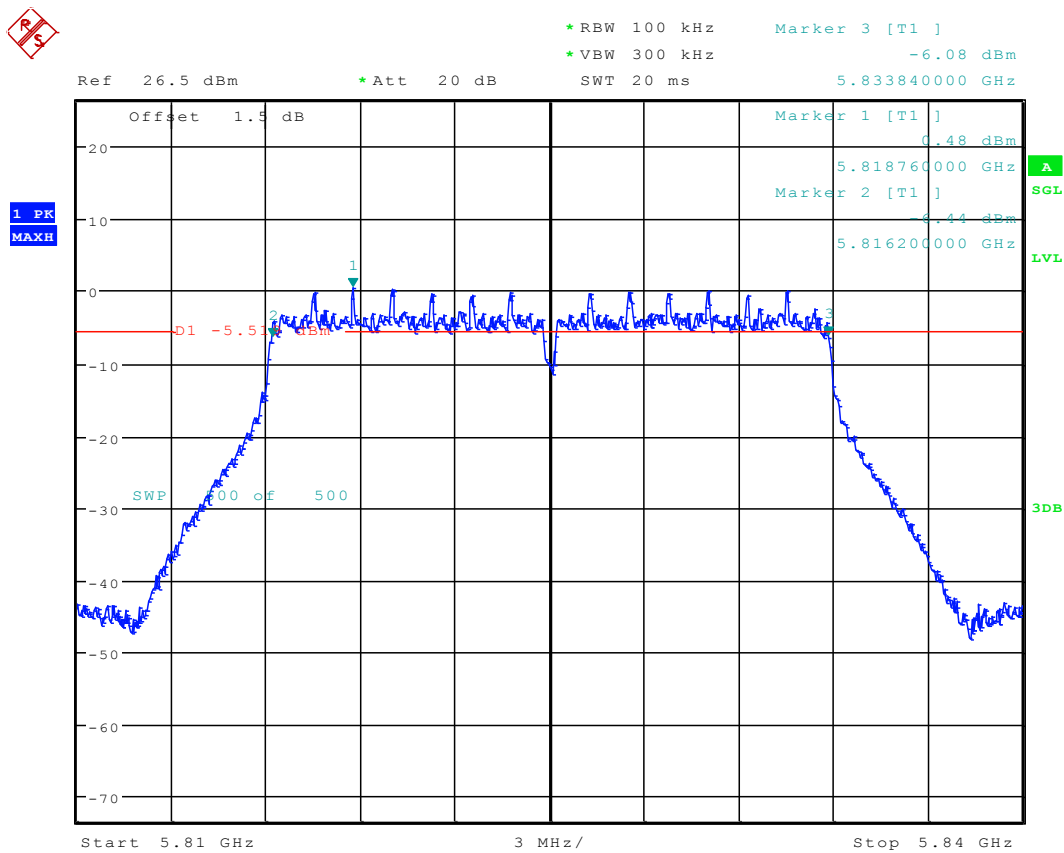
Date: 8.JUL.2016 12:42:53

3.7 11AC20_149 Ant 1



Date: 8.JUL.2016 15:32:27

3.8 11AC20_165 Ant 1

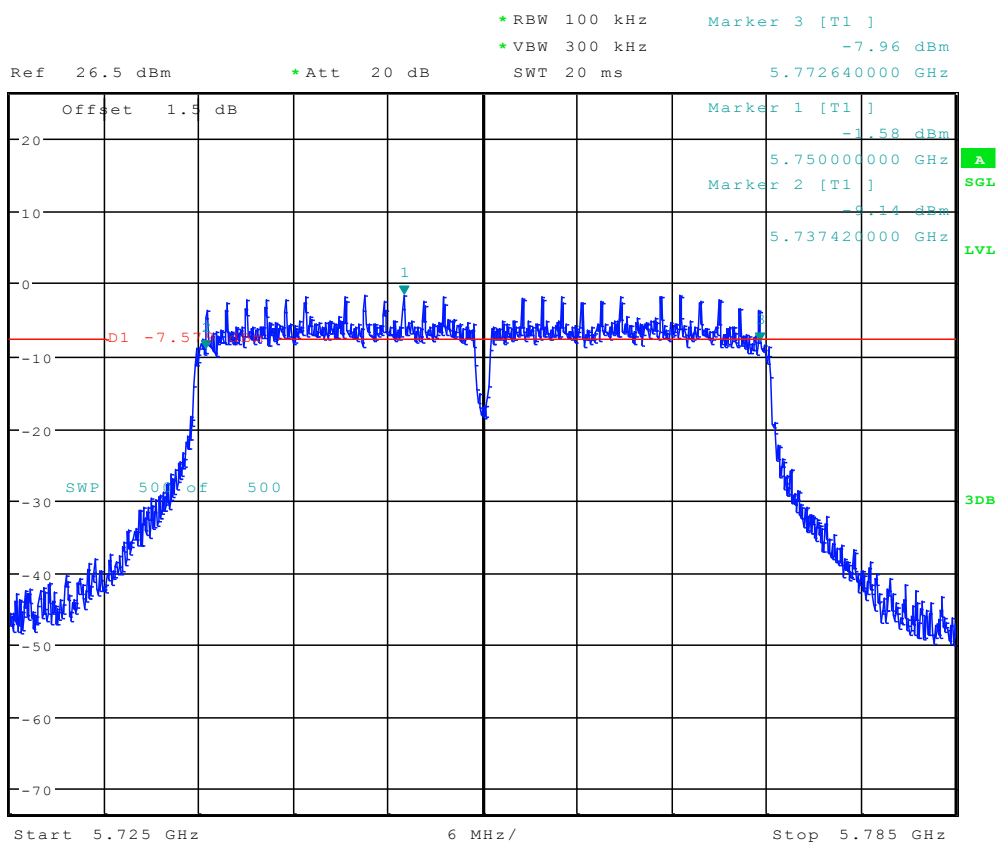


Date: 8.JUL.2016 15:51:16

3.9 11AC40_151 Ant 1

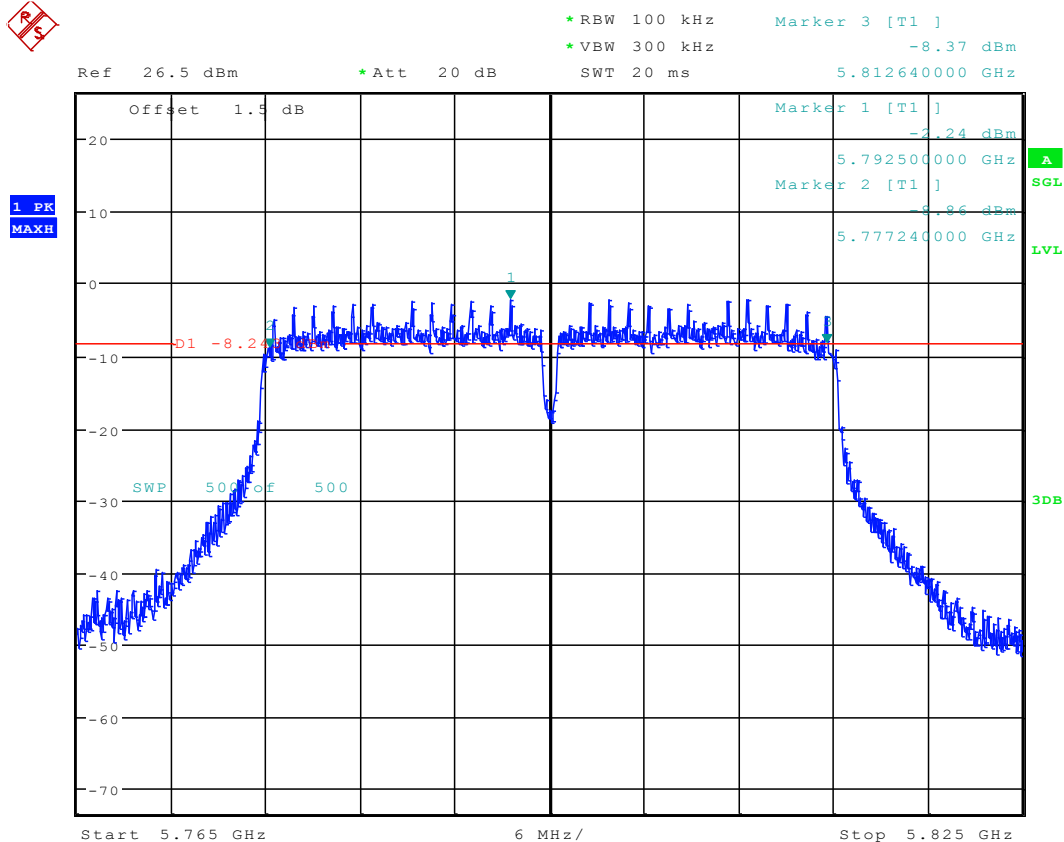


1 PK
MAXH



Date: 8.JUL.2016 17:03:54

3.1011AC40_159 Ant 1

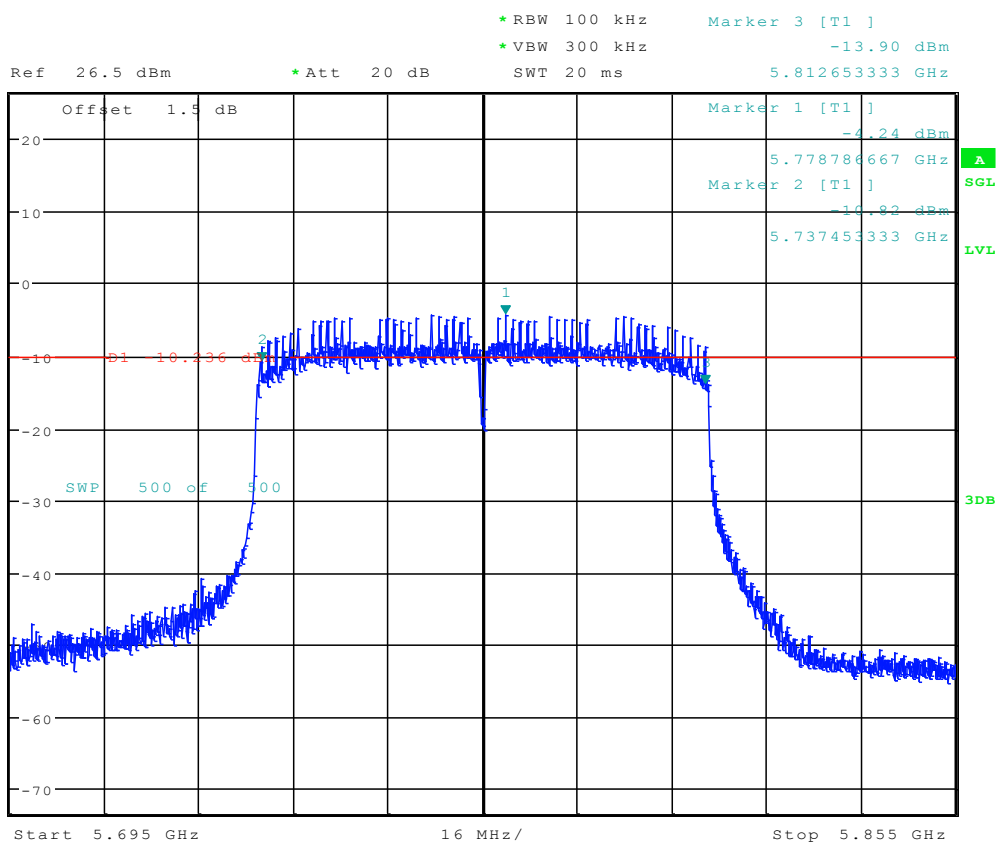


Date: 8.JUL.2016 17:21:08

3.1111AC80_155 Ant 1



1 PK
MAXH



Date: 8.JUL.2016 17:49:42

Appendix B Occupied Bandwidth (OBW)

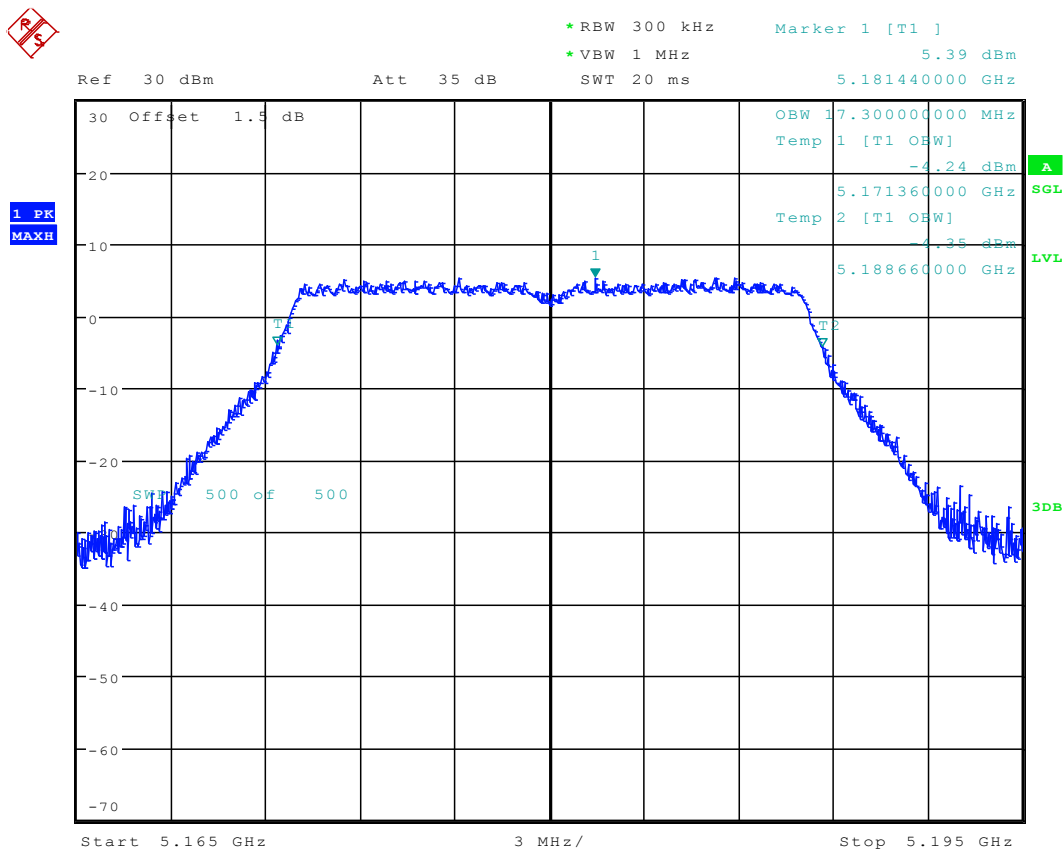
4 (OBW)Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Occupied Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	17.3	pass
	48	5240	Ant 1	17.34	pass
	52	5260	Ant 1	17.32	pass
	64	5320	Ant 1	17.32	pass
	100	5500	Ant 1	17.32	pass
	140	5700	Ant 1	17.34	pass
	149	5745	Ant 1	17.38	pass
	165	5825	Ant 1	17.32	pass
11N20	36	5180	Ant 1	18.24	pass
	48	5240	Ant 1	18.22	pass
	52	5260	Ant 1	18.24	pass
	64	5320	Ant 1	18.28	pass
	100	5500	Ant 1	18.26	pass
	140	5700	Ant 1	18.26	pass
	149	5745	Ant 1	18.26	pass
	165	5825	Ant 1	18.26	pass
11N40	38	5190	Ant 1	36.42	pass
	46	5230	Ant 1	36.40	pass
	54	5270	Ant 1	36.42	pass
	62	5310	Ant 1	36.40	pass
	102	5510	Ant 1	36.38	pass
	134	5670	Ant 1	36.44	pass
	151	5755	Ant 1	36.42	pass
	159	5795	Ant 1	36.42	pass
11AC20	36	5180	Ant 1	18.16	pass
	48	5240	Ant 1	18.16	pass
	52	5260	Ant 1	18.20	pass
	64	5320	Ant 1	18.16	pass
	100	5500	Ant 1	18.16	pass
	140	5700	Ant 1	18.16	pass
	149	5745	Ant 1	18.18	pass
	165	5825	Ant 1	18.16	pass

11AC40	38	5190	Ant 1	36.42	pass
	46	5230	Ant 1	36.40	pass
	54	5270	Ant 1	36.42	pass
	62	5310	Ant 1	36.42	pass
	102	5510	Ant 1	36.44	pass
	134	5670	Ant 1	36.42	pass
	151	5755	Ant 1	36.44	pass
	159	5795	Ant 1	36.42	pass
11AC80	42	5210	Ant 1	74.80	pass
	58	5290	Ant 1	74.92	pass
	106	5530	Ant 1	74.84	pass
	155	5775	Ant 1	74.84	pass

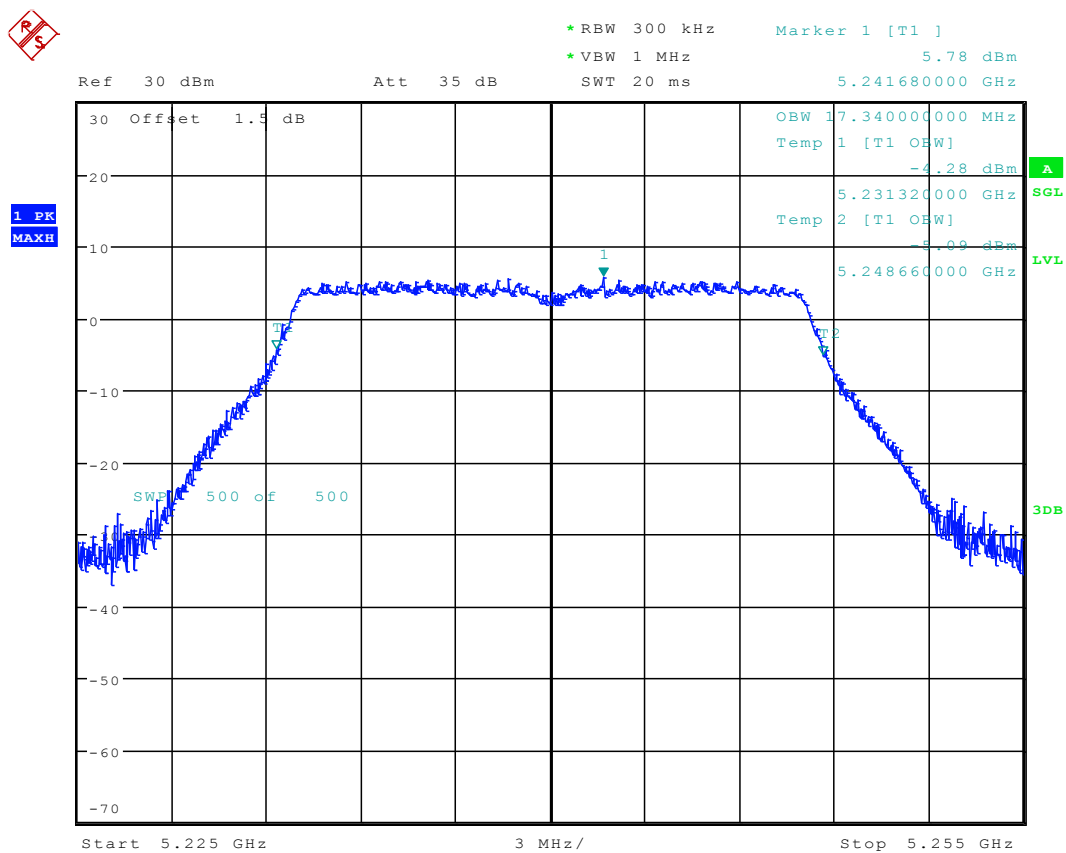
5 Test Plot

5.1 11A_36 Ant 1



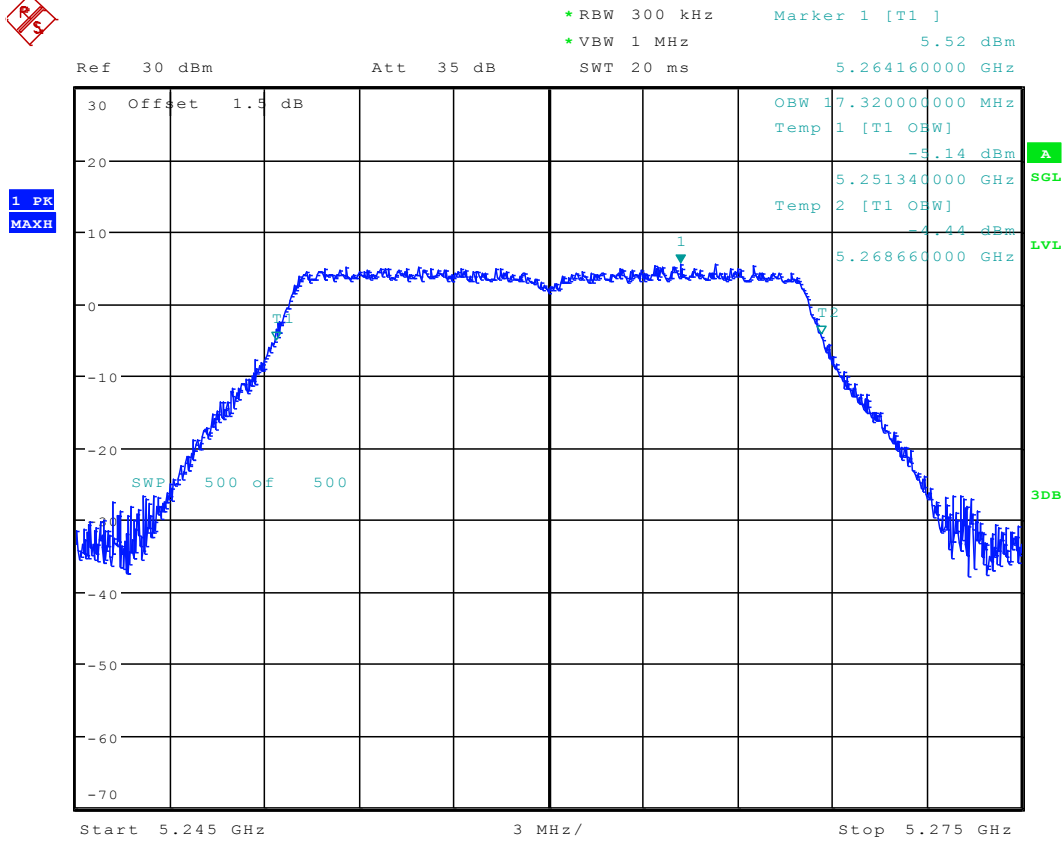
Date: 7.JUL.2016 16:51:18

5.2 11A_48 Ant 1



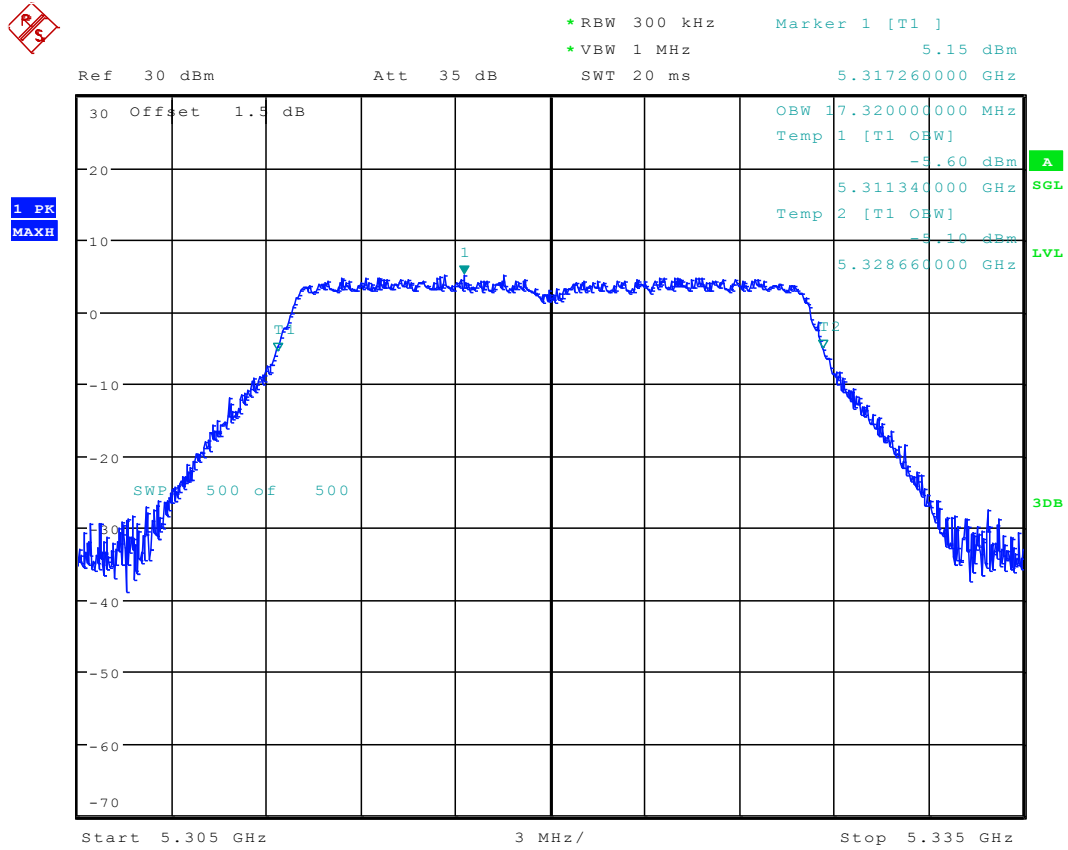
Date: 7.JUL.2016 17:00:08

5.3 11A_52 Ant 1



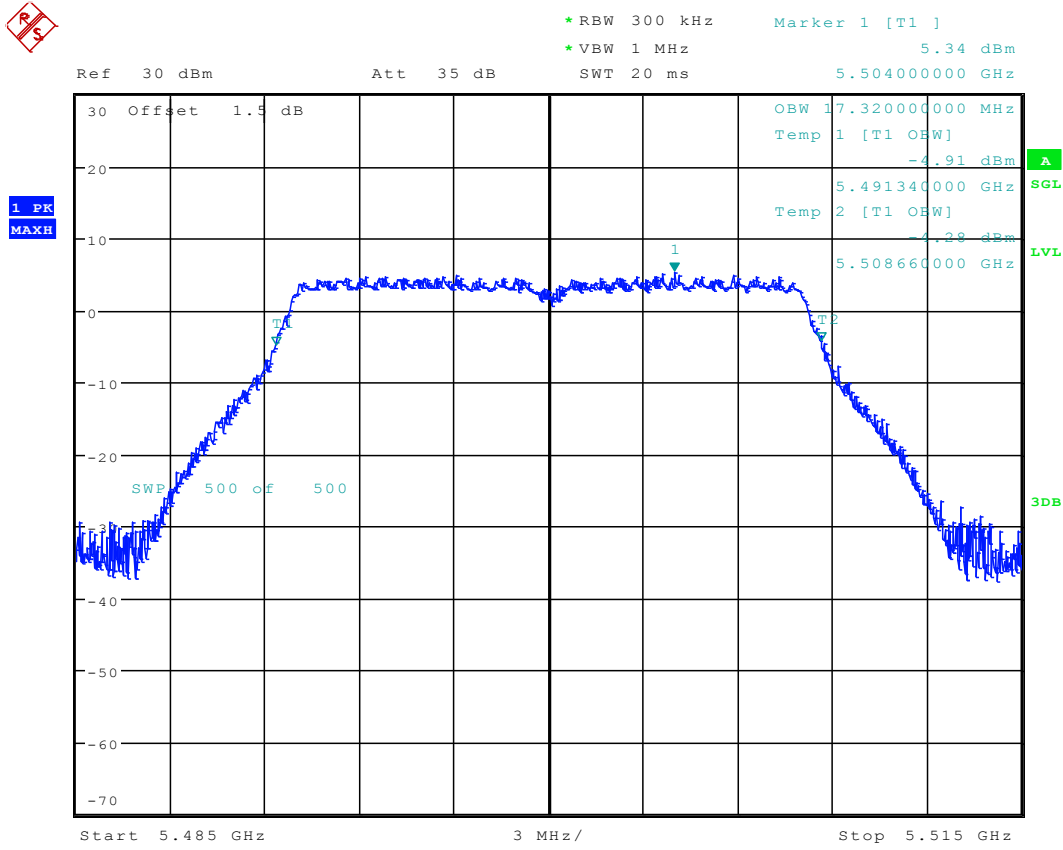
Date: 7.JUL.2016 17:07:23

5.4 11A_64 Ant 1



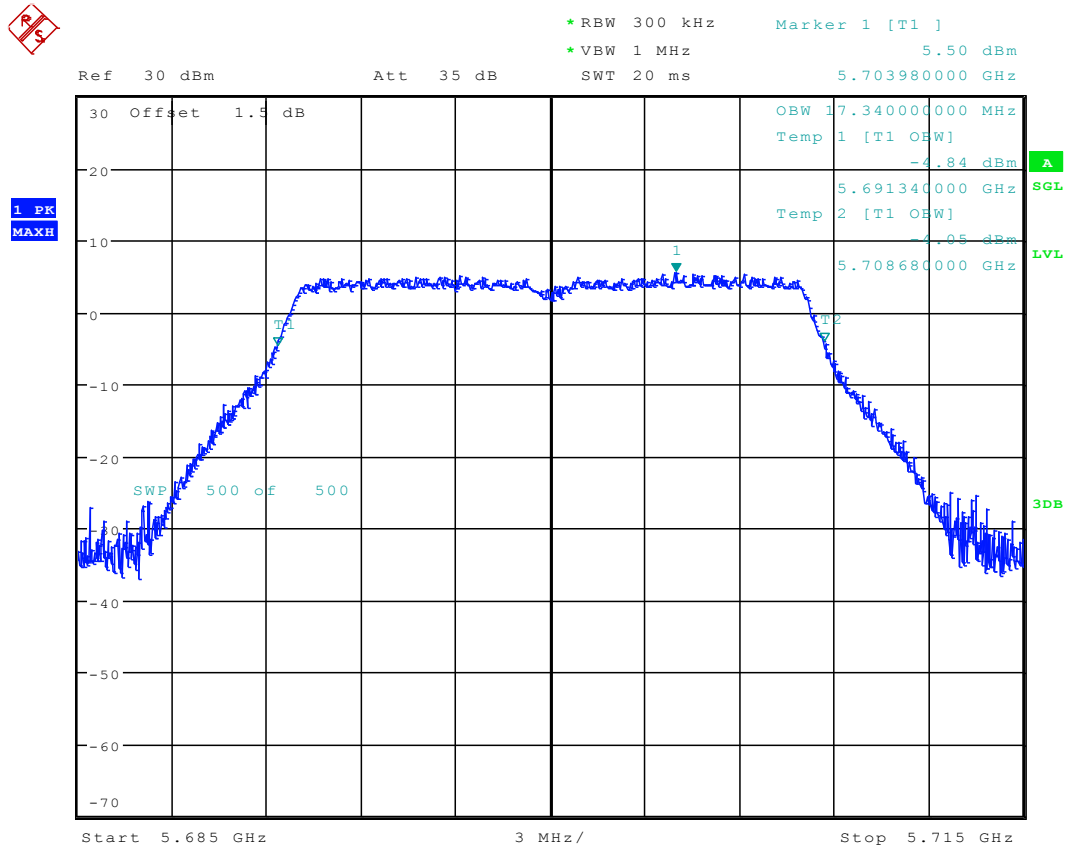
Date: 7.JUL.2016 17:17:38

5.5 11A_100 Ant 1



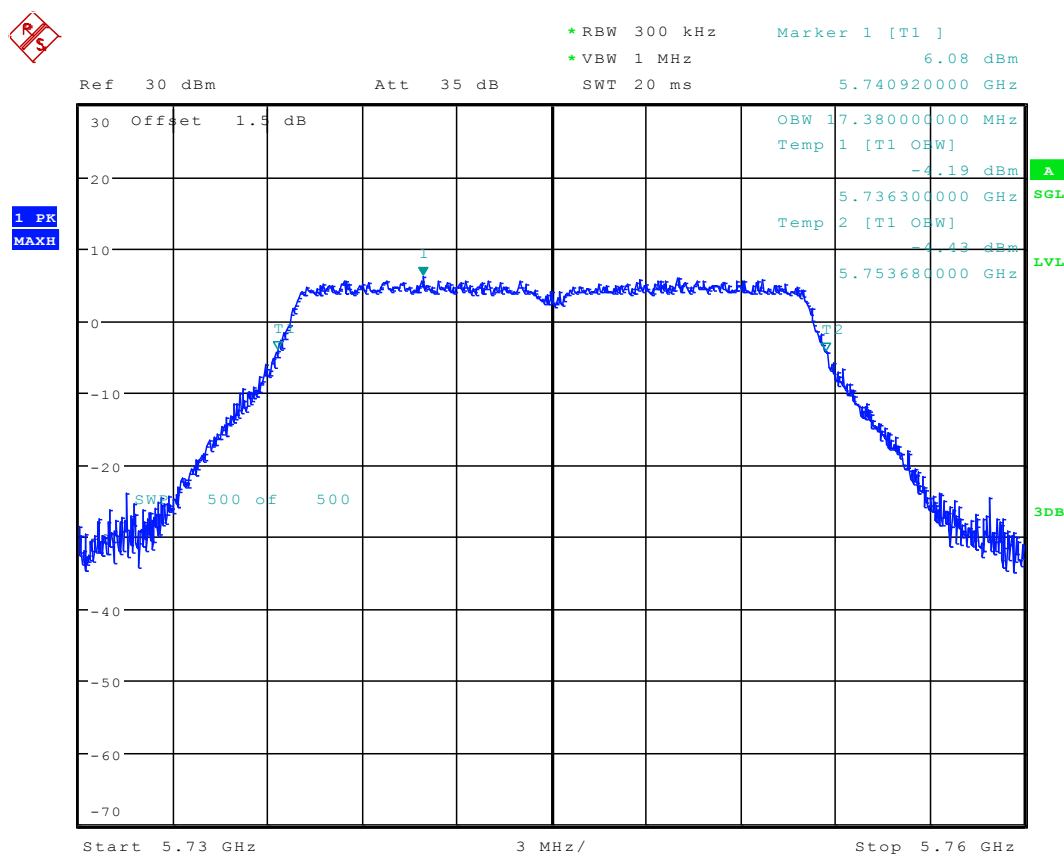
Date: 7.JUL.2016 17:35:05

5.6 11A_140 Ant 1



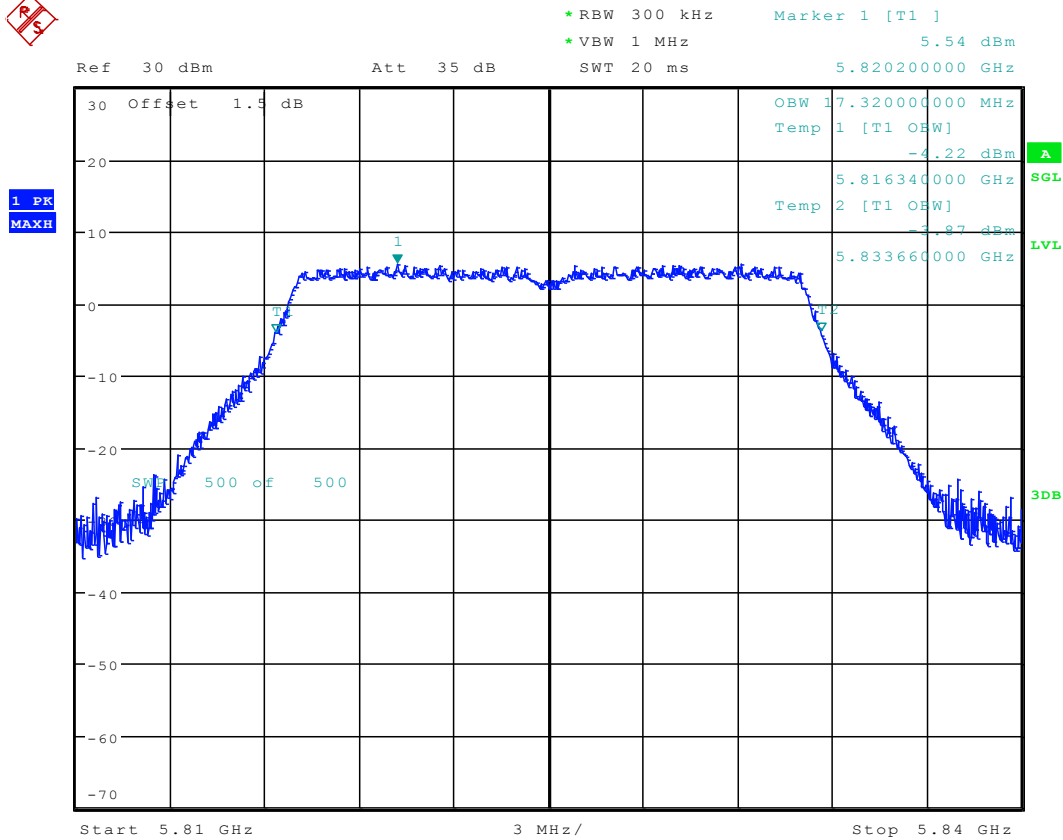
Date: 7.JUL.2016 18:02:49

5.7 11A_149 Ant 1



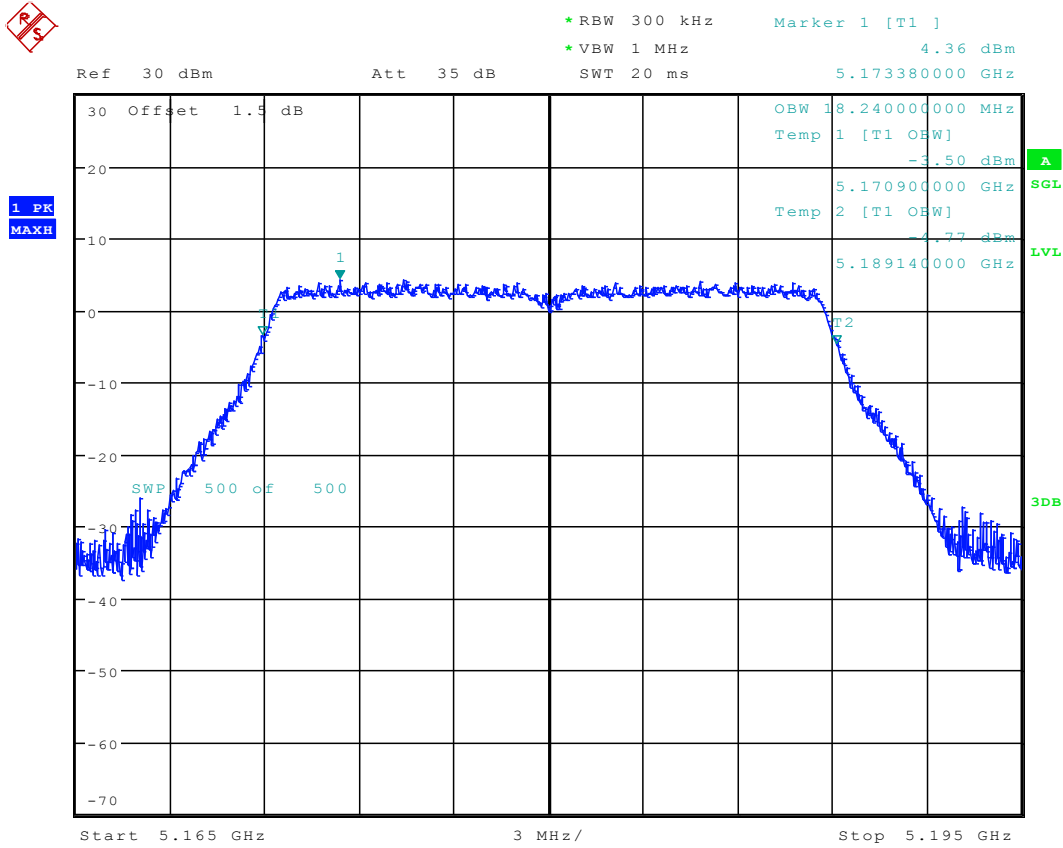
Date: 7.JUL.2016 18:07:54

5.8 11A_165 Ant 1



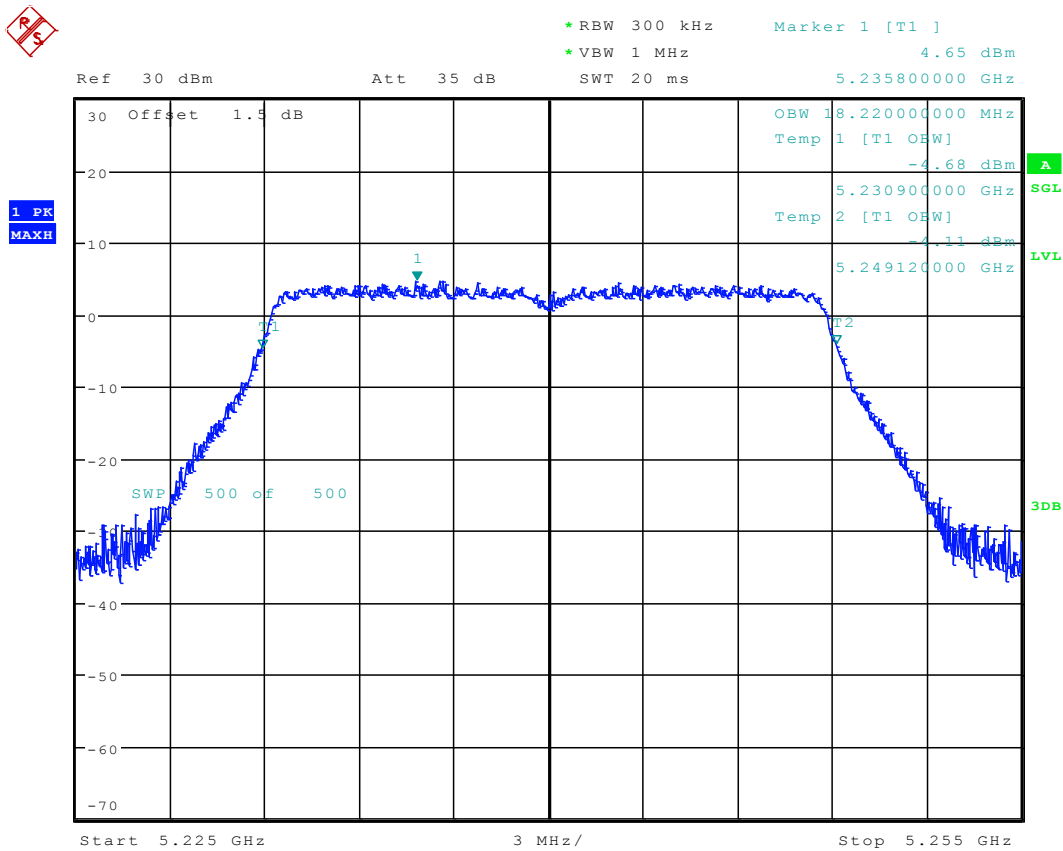
Date: 7.JUL.2016 18:24:52

5.9 11N20_36 Ant 1



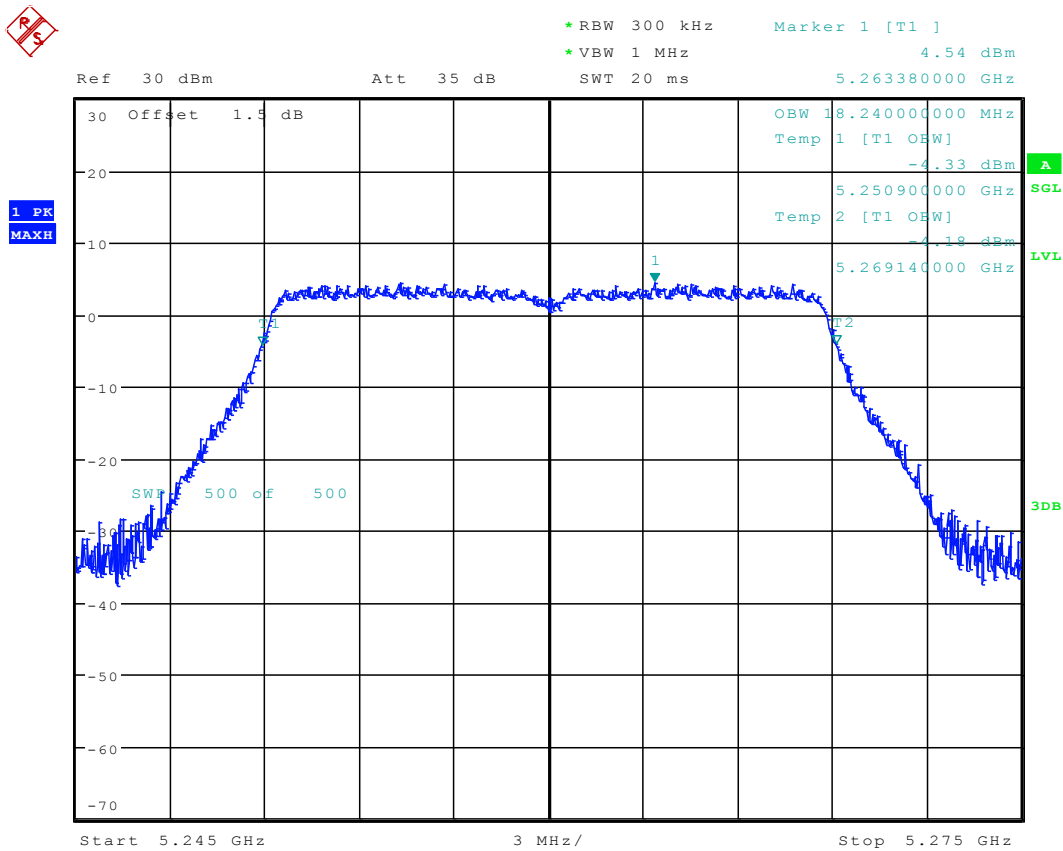
Date: 7.JUL.2016 18:34:16

5.10 11N20_48 Ant 1



Date: 7.JUL.2016 18:52:09

5.11 11N20_52 Ant 1

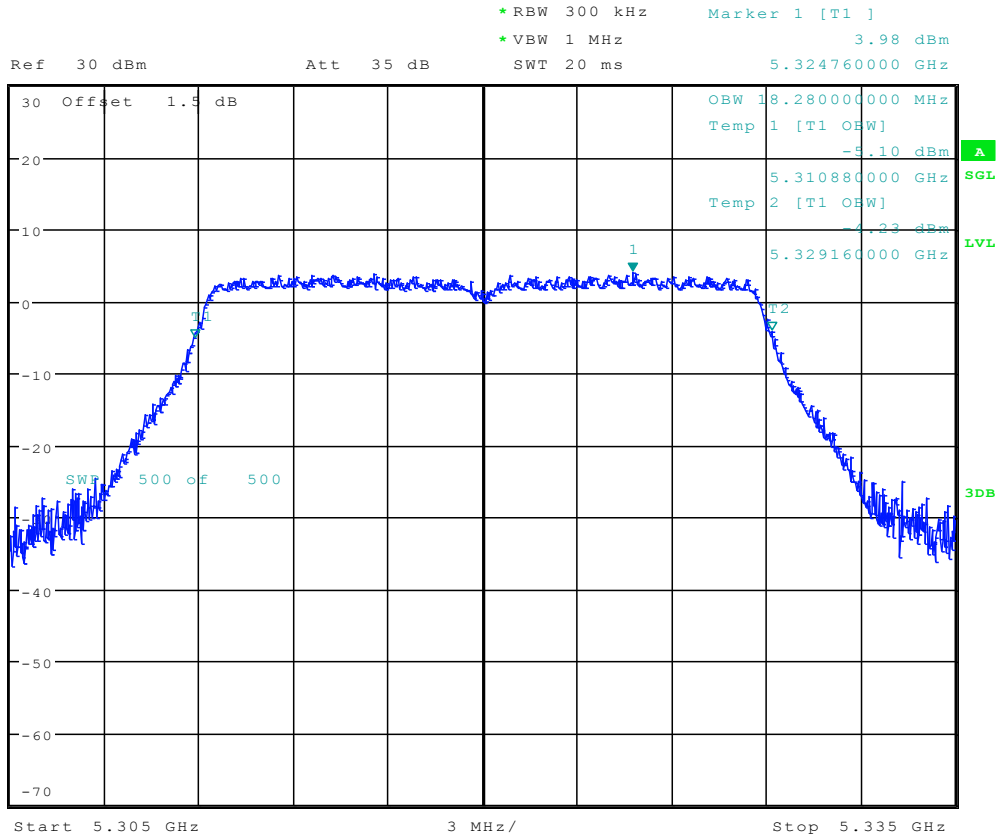


Date: 7.JUL.2016 18:58:01

5.12 11N20_64 Ant 1

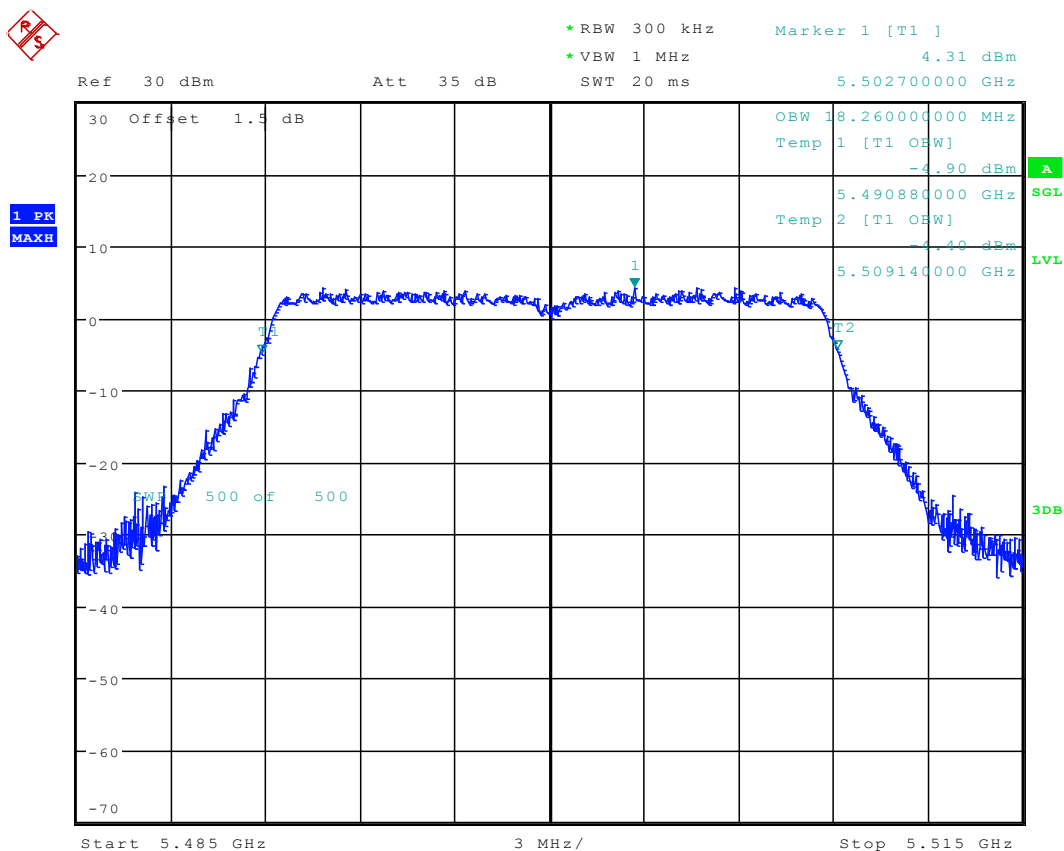


1 PK
MAXH



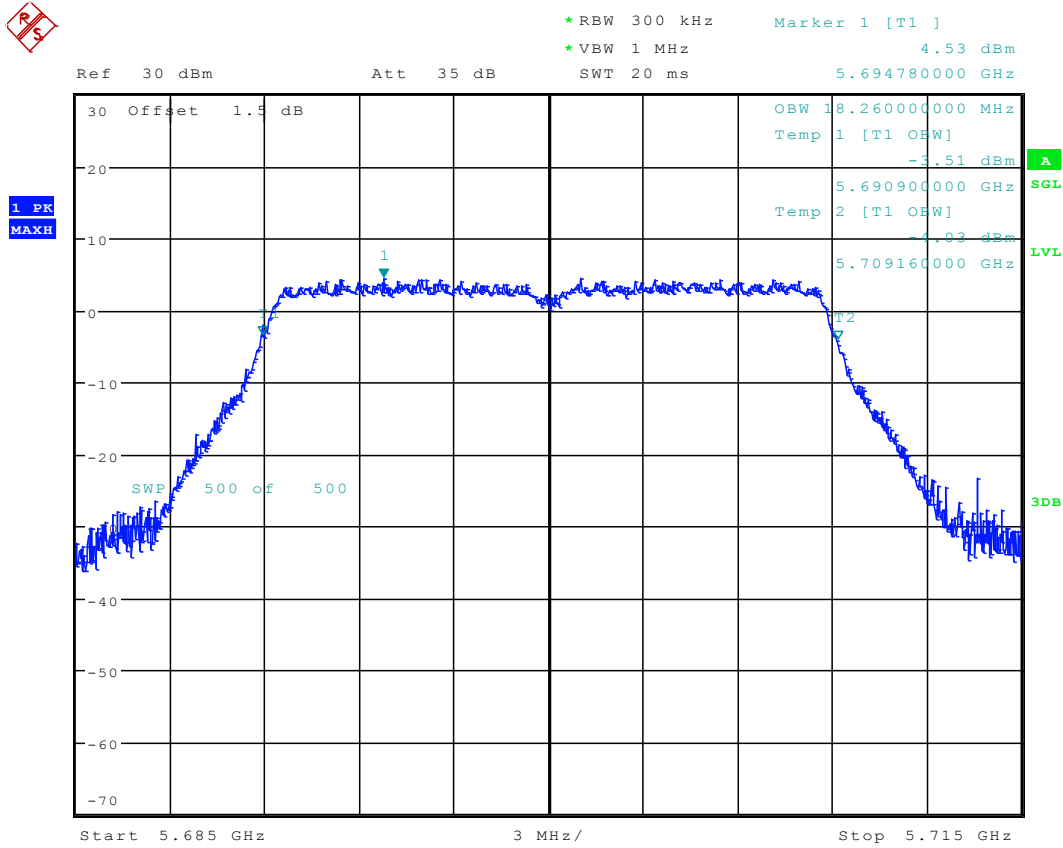
Date: 7.JUL.2016 19:04:38

5.13 11N20_100 Ant 1



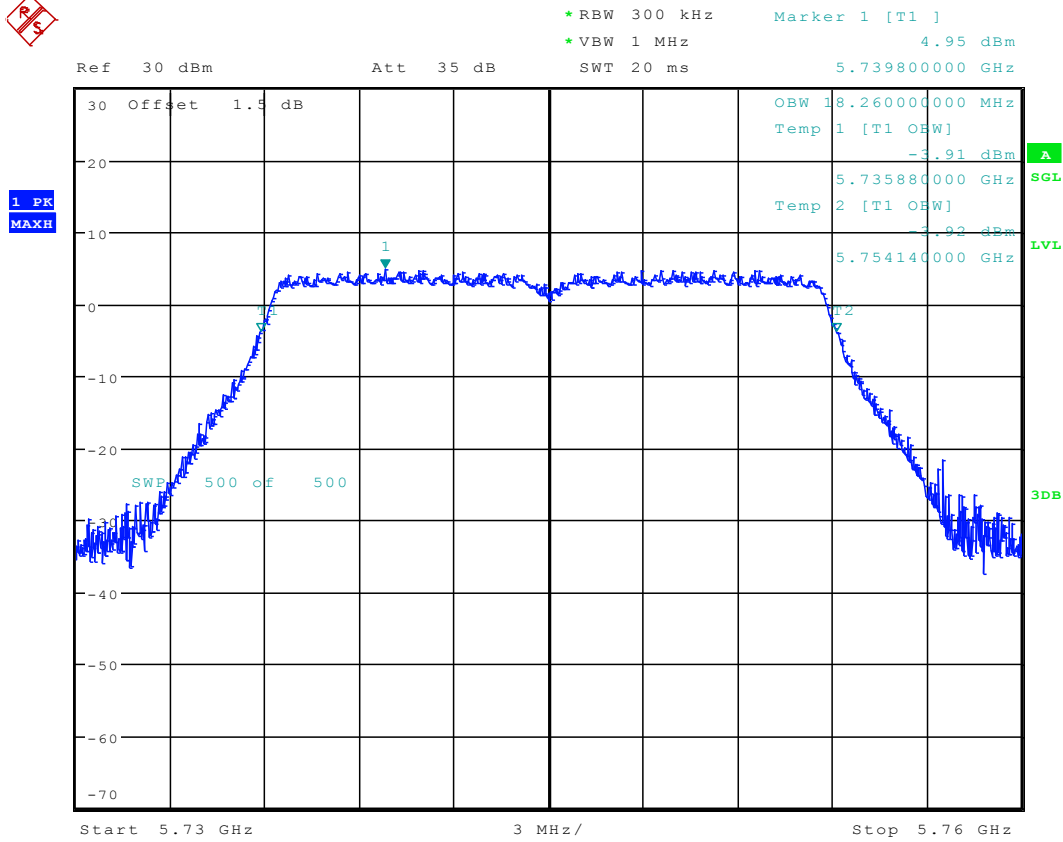
Date: 7.JUL.2016 19:09:49

5.14 11N20_140 Ant 1



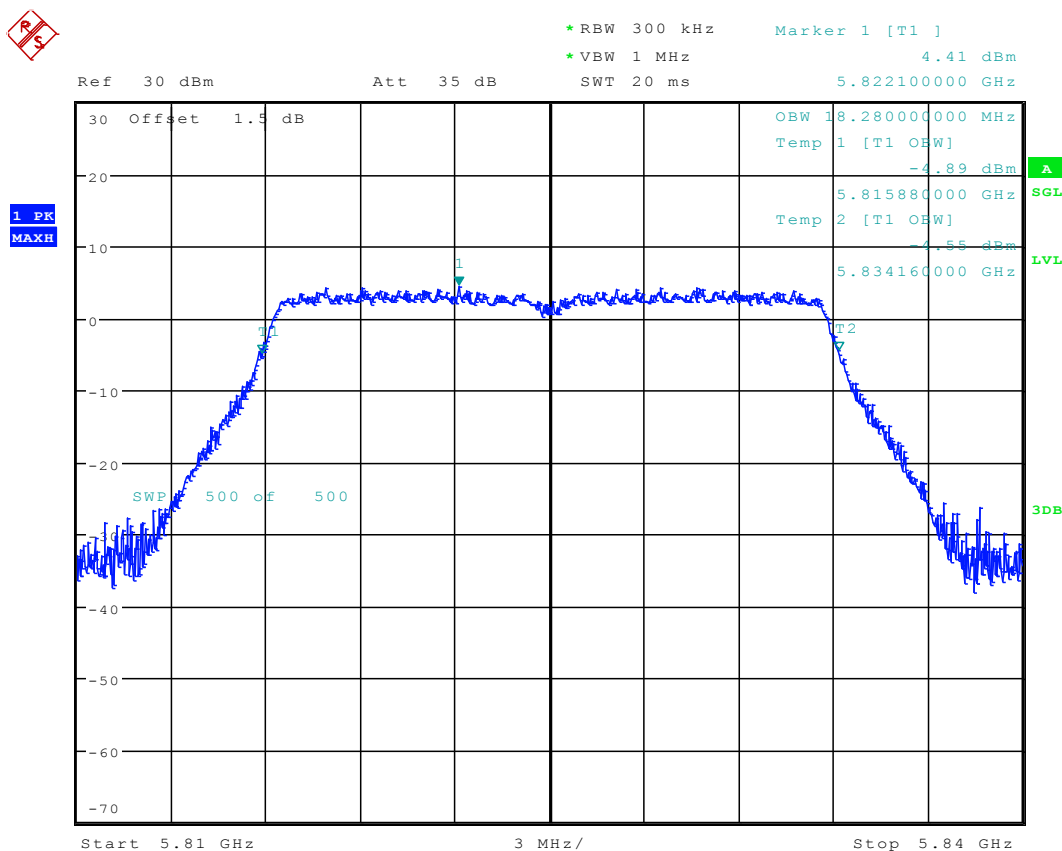
Date: 7.JUL.2016 19:16:20

5.15 11N20_149 Ant 1



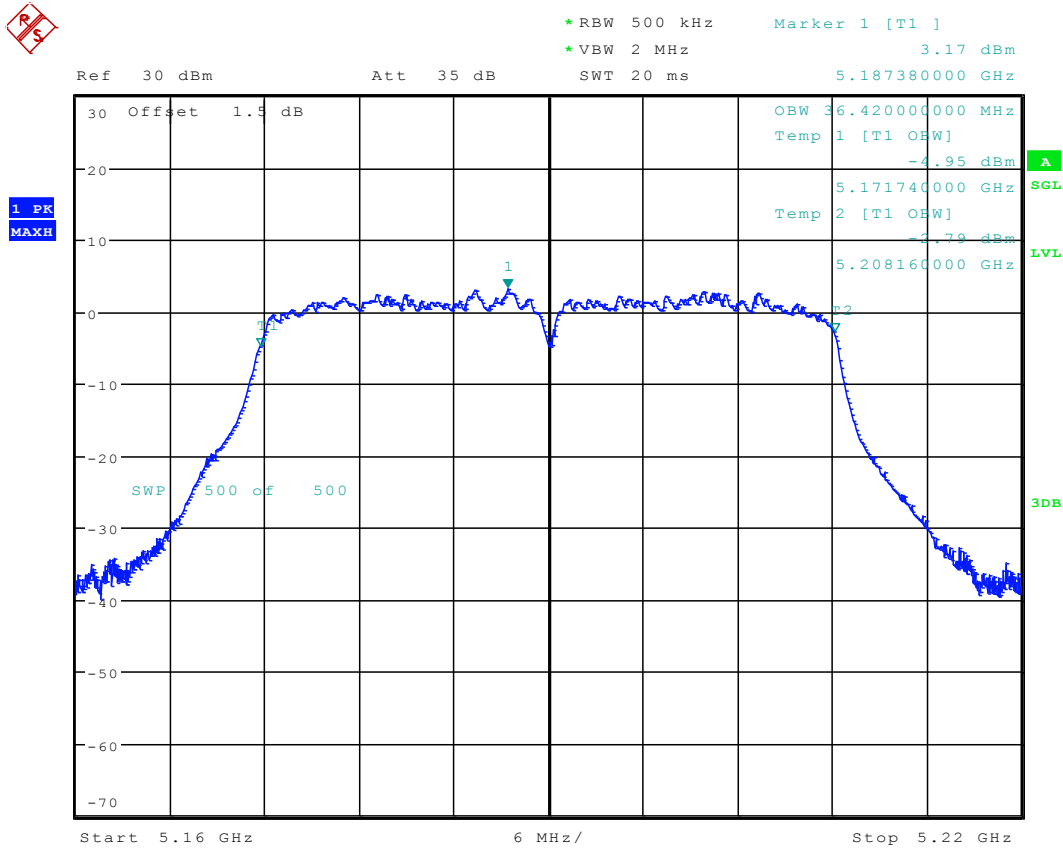
Date: 7.JUL.2016 19:21:44

5.16 11N20_165 Ant 1



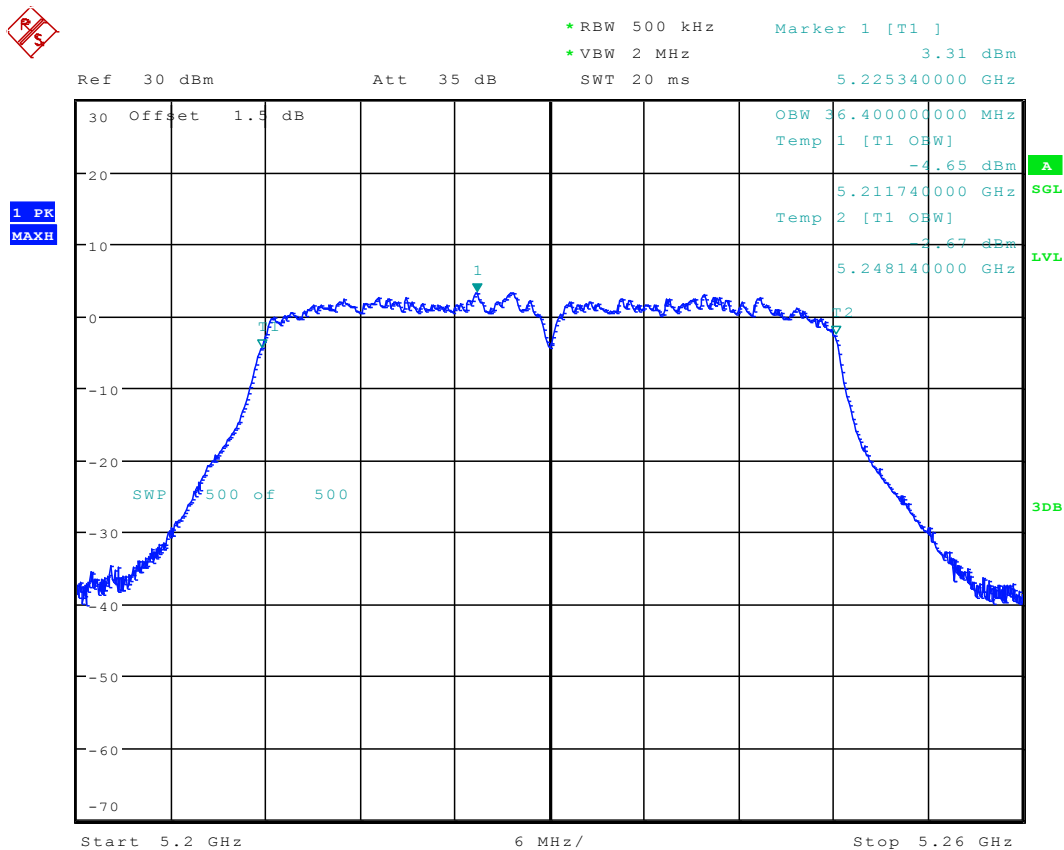
Date: 7.JUL.2016 19:27:12

5.17 11N40_38 Ant 1



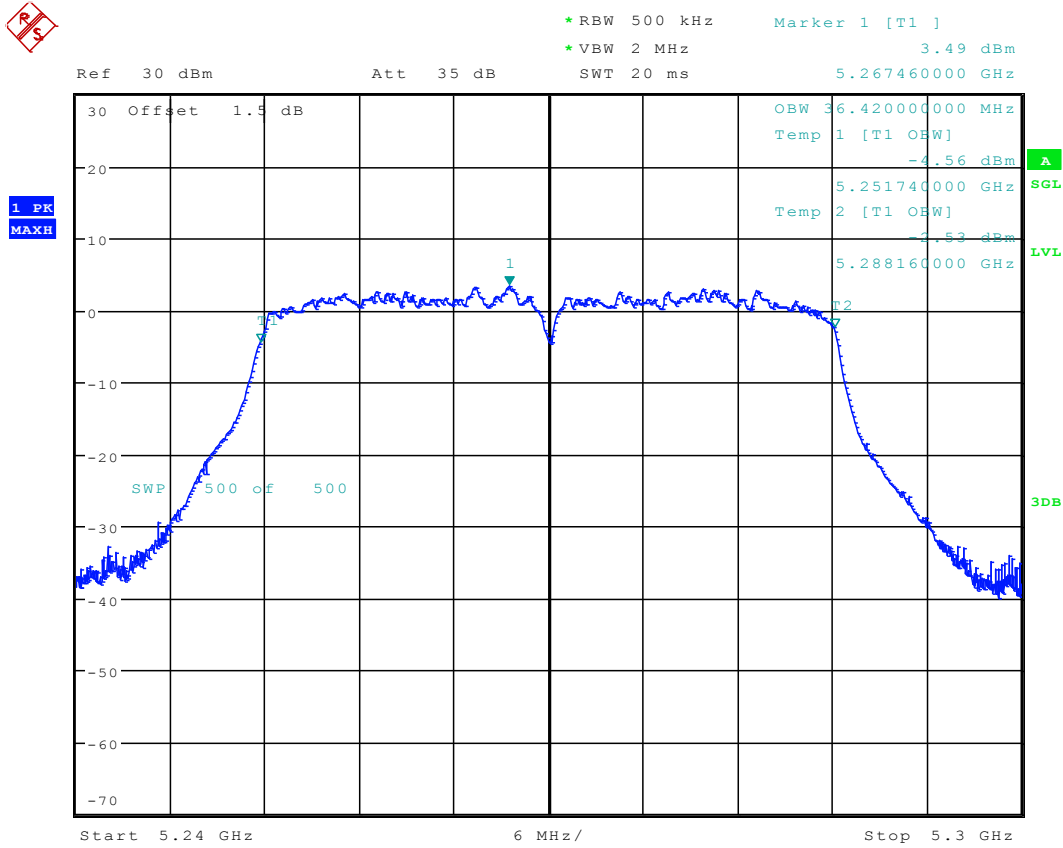
Date: 8.JUL.2016 16:27:56

5.18 11N40_46 Ant 1



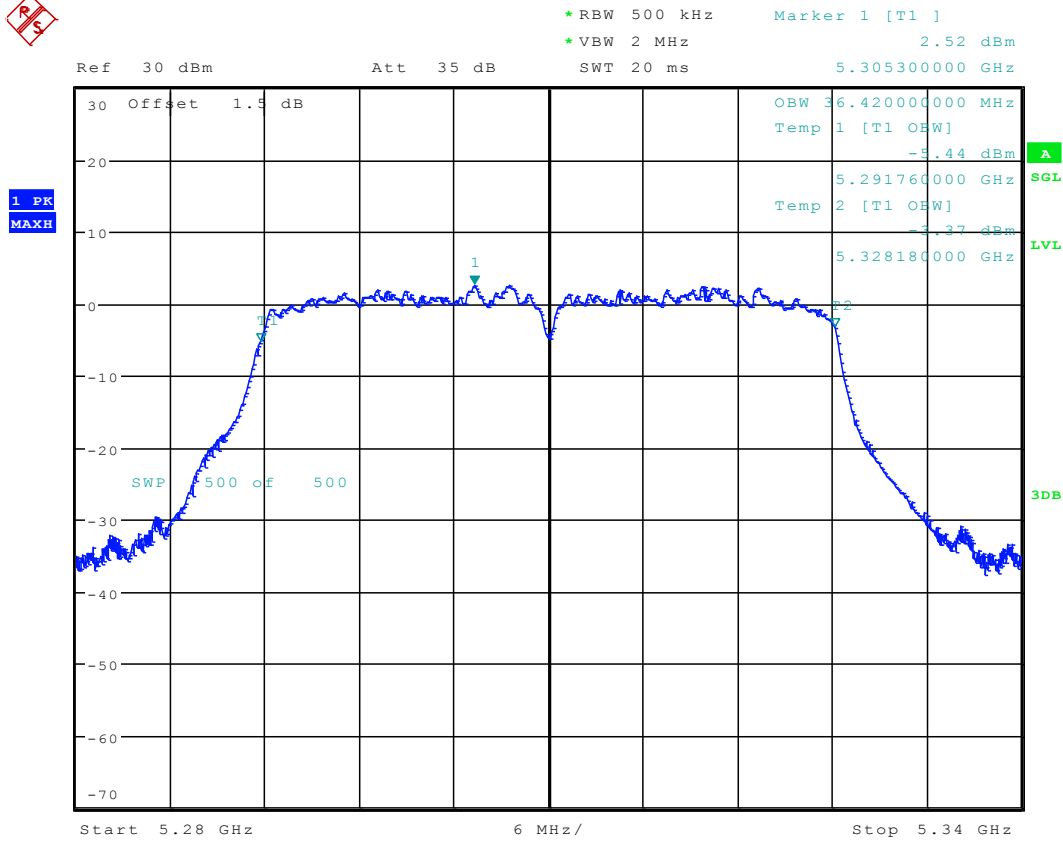
Date: 8.JUL.2016 16:34:38

5.19 11N40_54 Ant 1



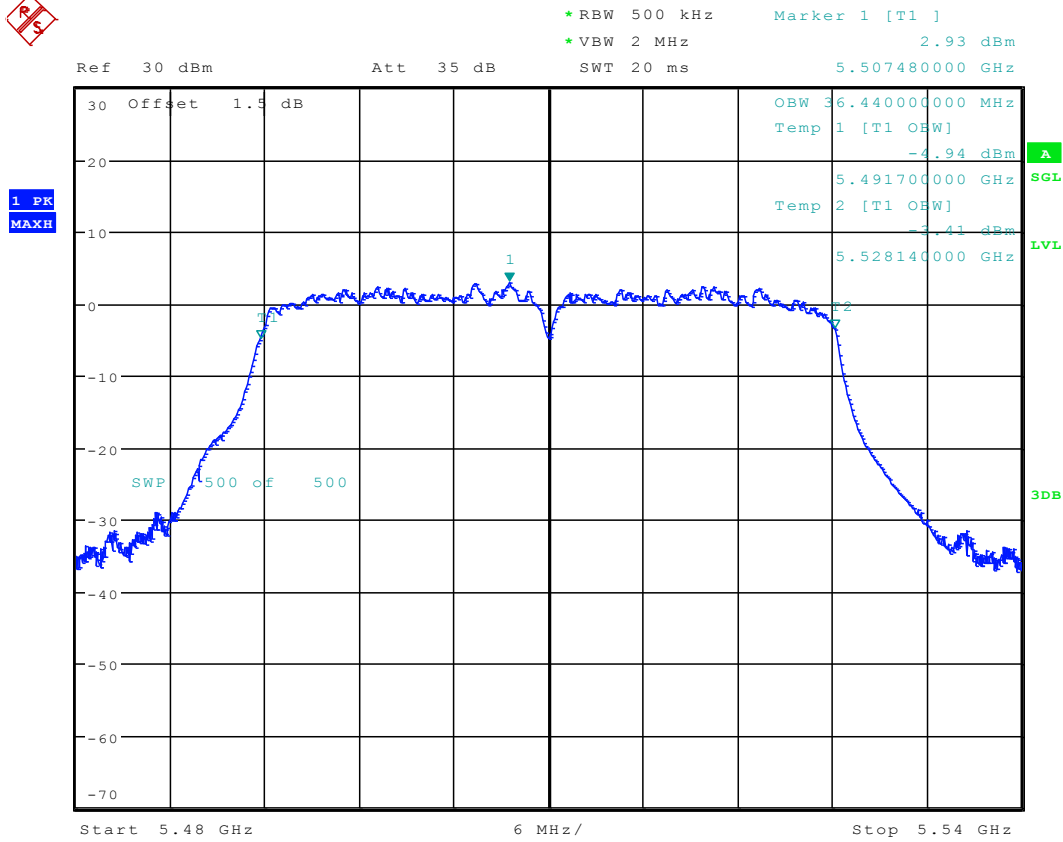
Date: 8.JUL.2016 16:39:54

5.20 11N40_62 Ant 1



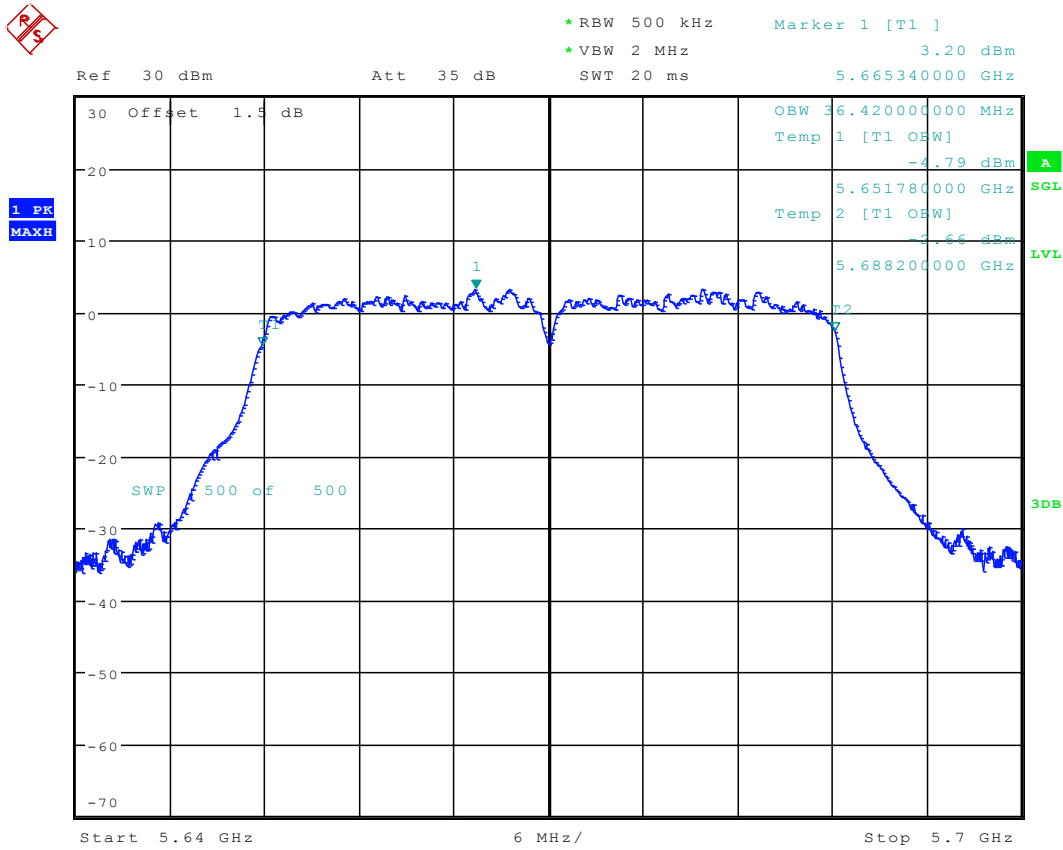
Date: 8.JUL.2016 16:46:37

5.21 11N40_102 Ant 1



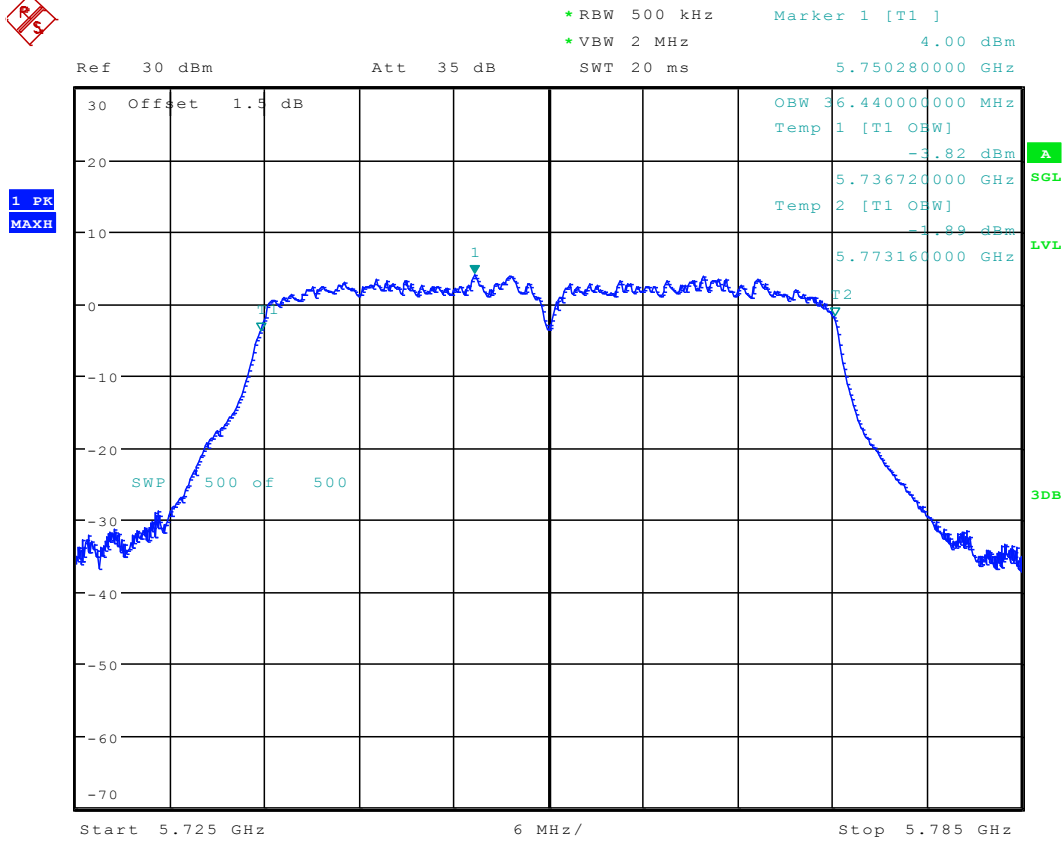
Date: 8.JUL.2016 16:51:55

5.22 11N40_134 Ant 1



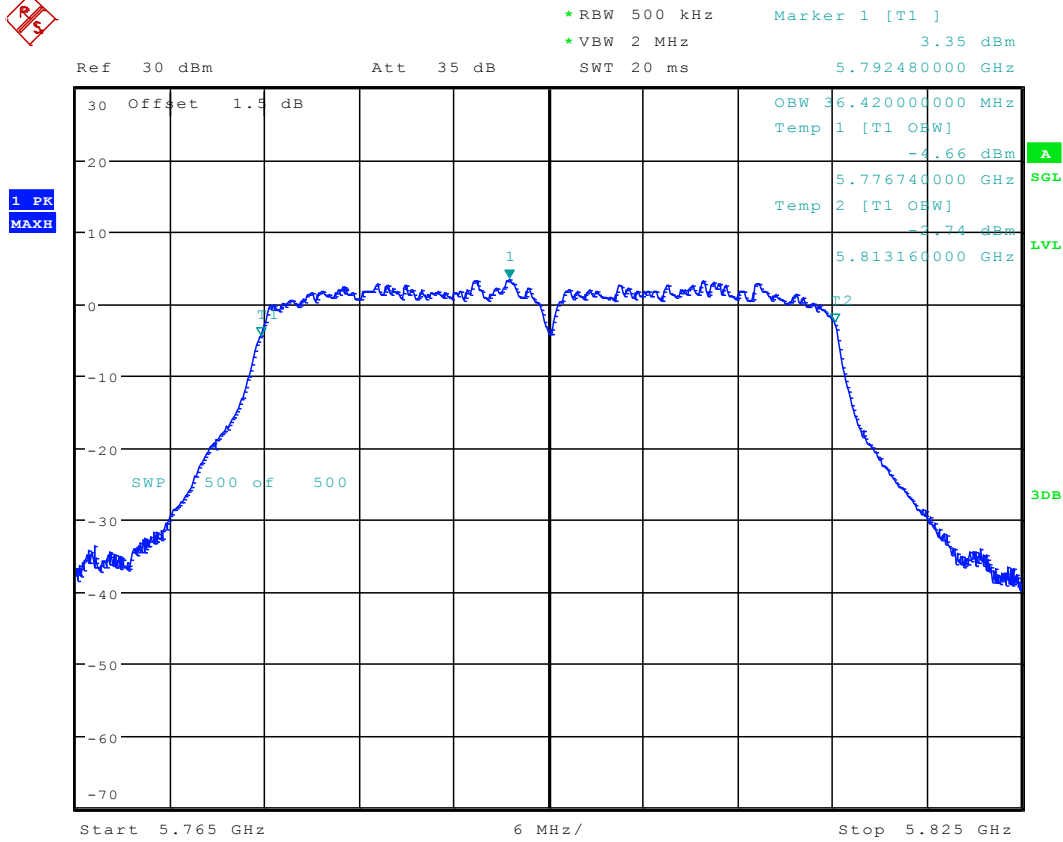
Date: 8.JUL.2016 16:58:46

5.23 11N40_151 Ant 1



Date: 8.JUL.2016 17:04:45

5.24 11N40_159 Ant 1

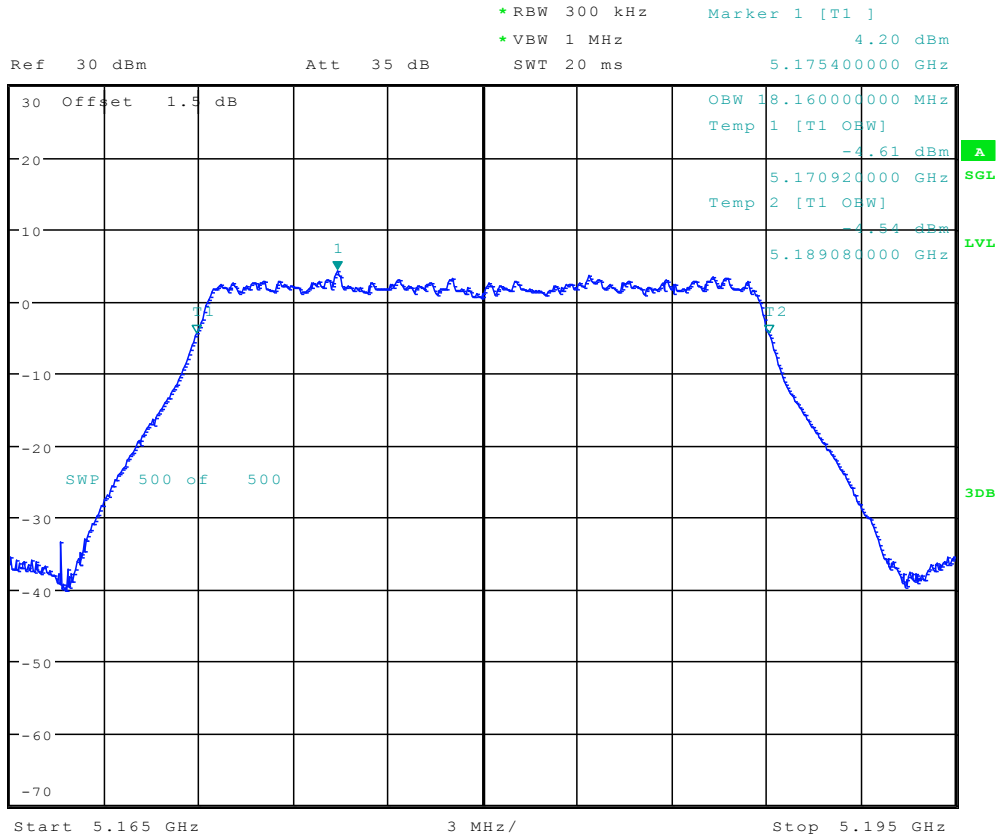


Date: 8.JUL.2016 17:22:00

5.25 11AC20_36 Ant 1



1 PK
MAXH

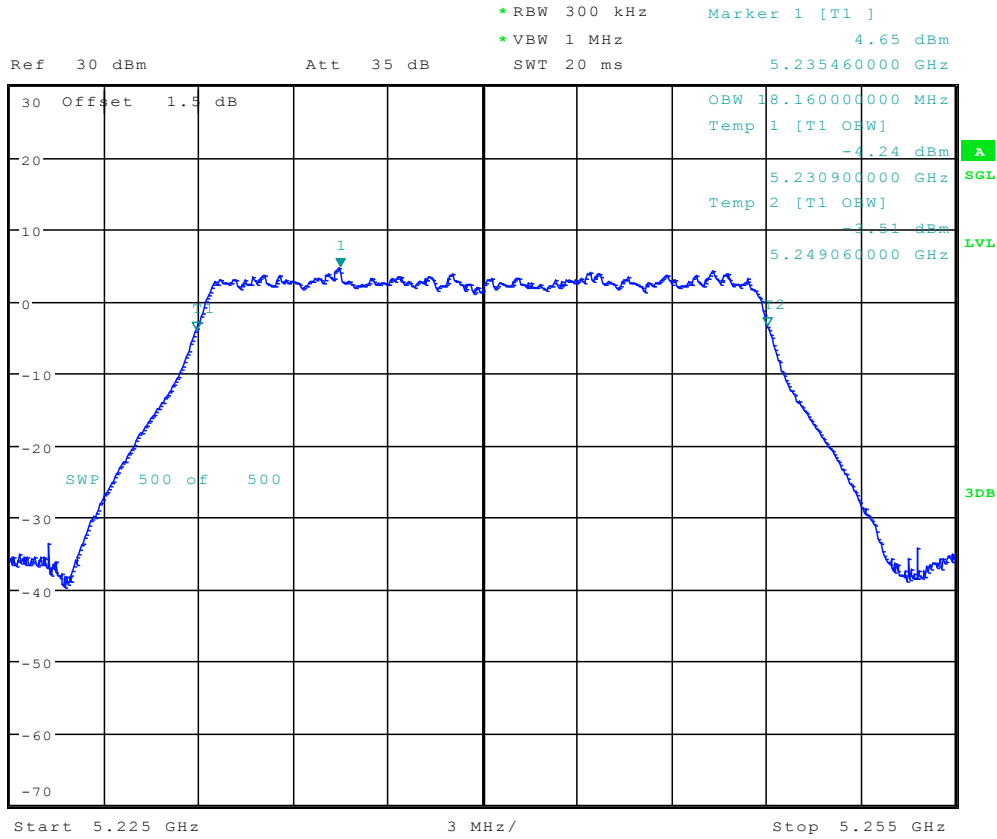


Date: 8.JUL.2016 12:51:36

5.26 11AC20_48 Ant 1

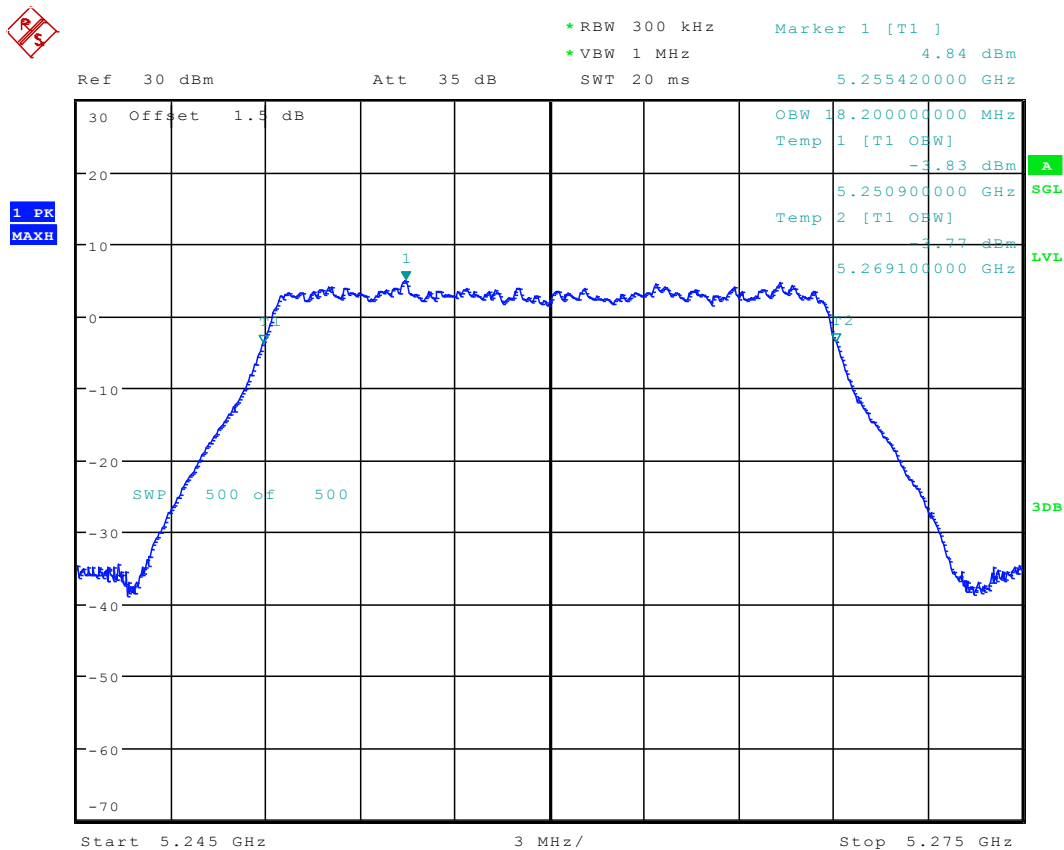


1 PK
MAXH



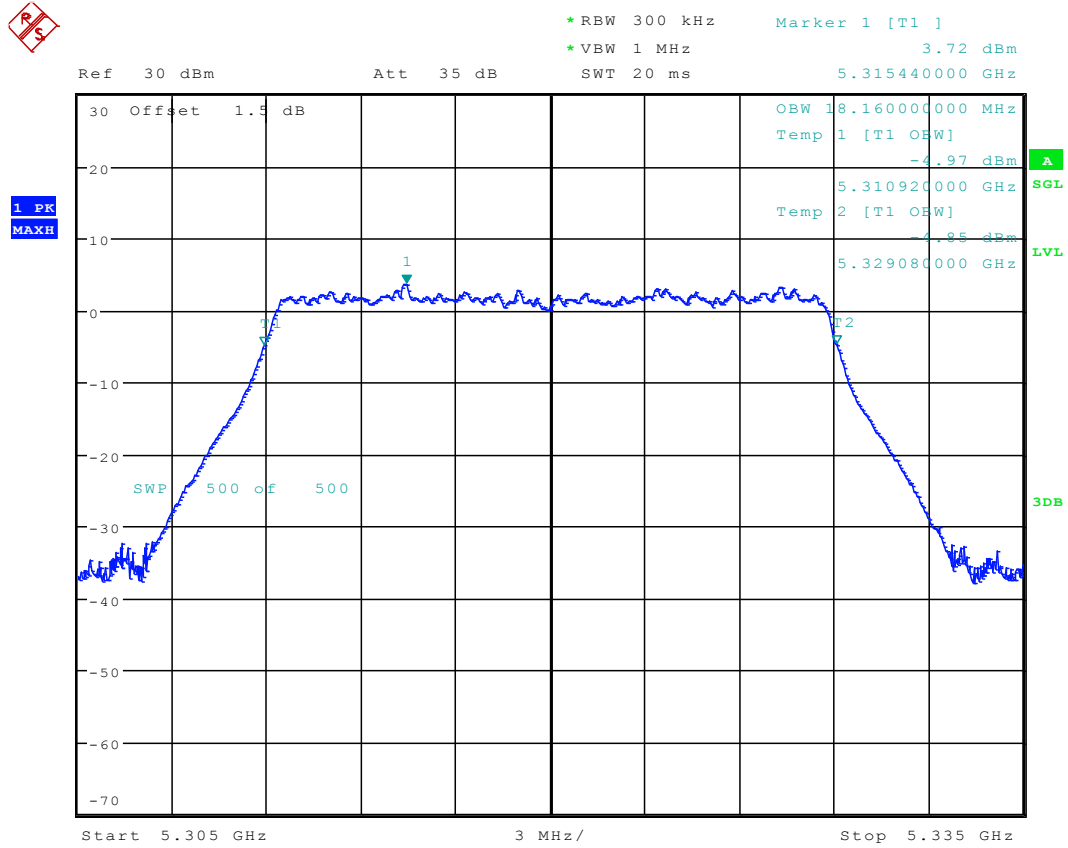
Date: 8.JUL.2016 12:57:06

5.27 11AC20_52 Ant 1



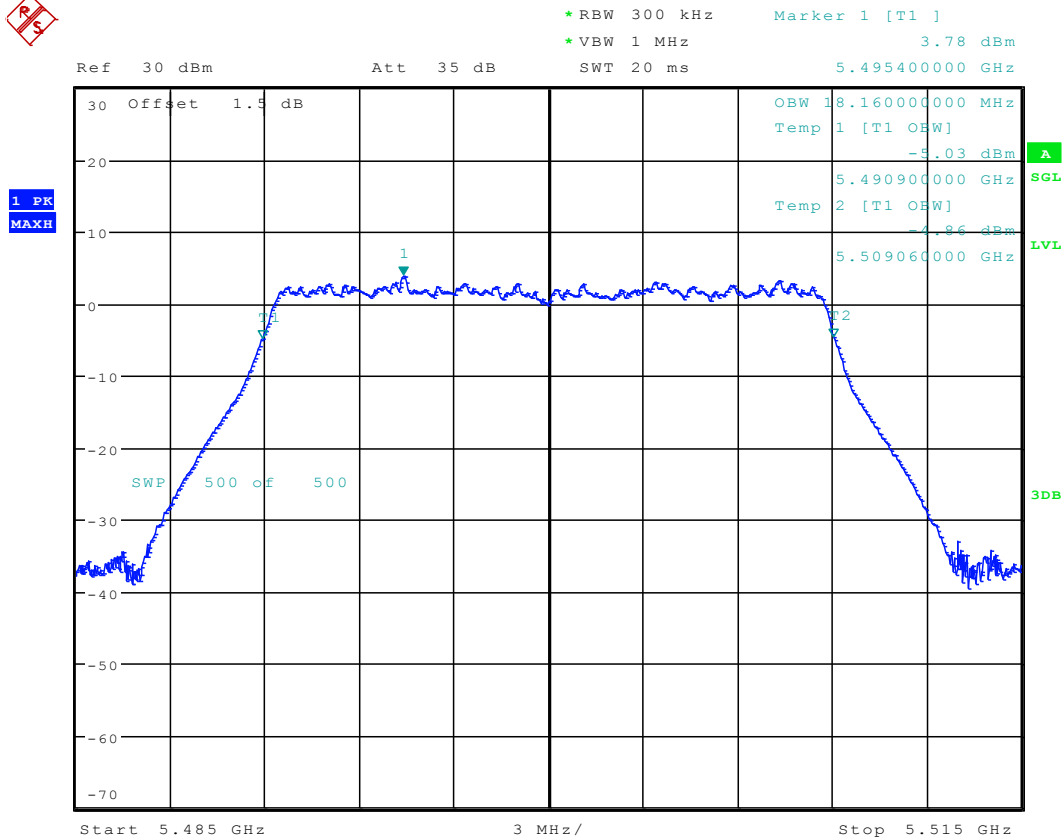
Date: 8.JUL.2016 13:03:31

5.28 11AC20_64 Ant 1



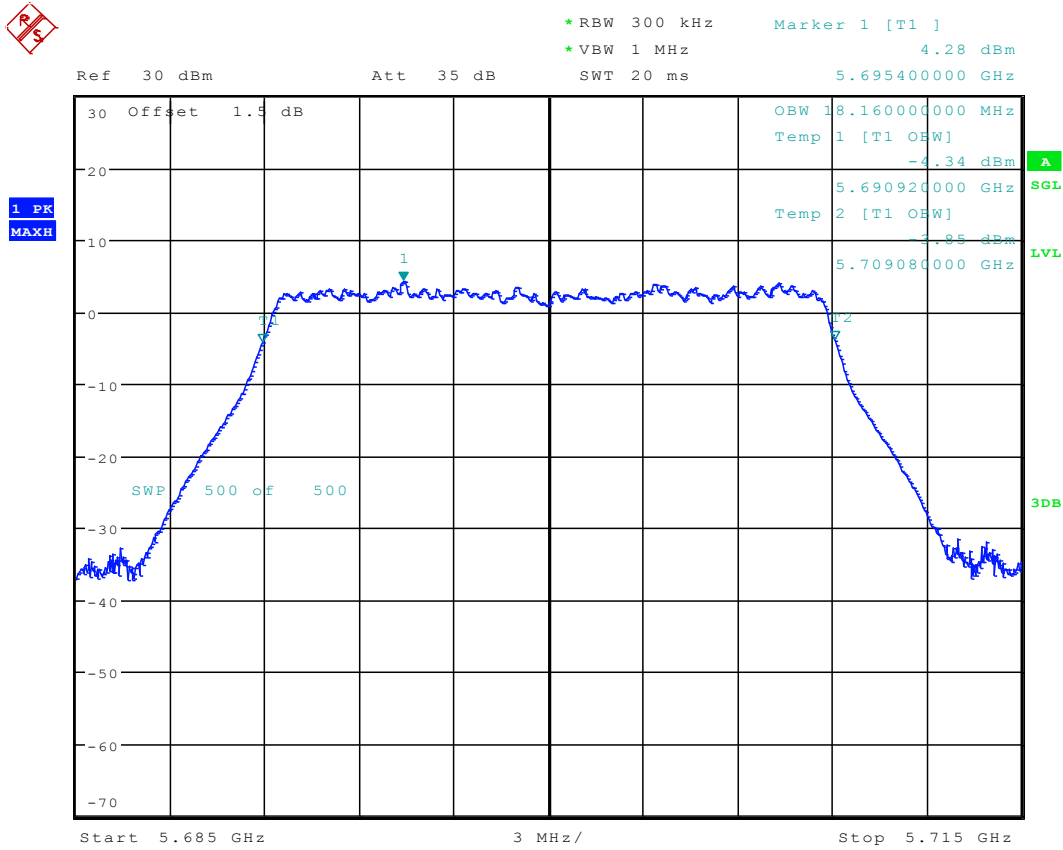
Date: 8.JUL.2016 13:28:34

5.29 11AC20_100 Ant 1



Date: 8.JUL.2016 13:33:35

5.30 11AC20_140 Ant 1

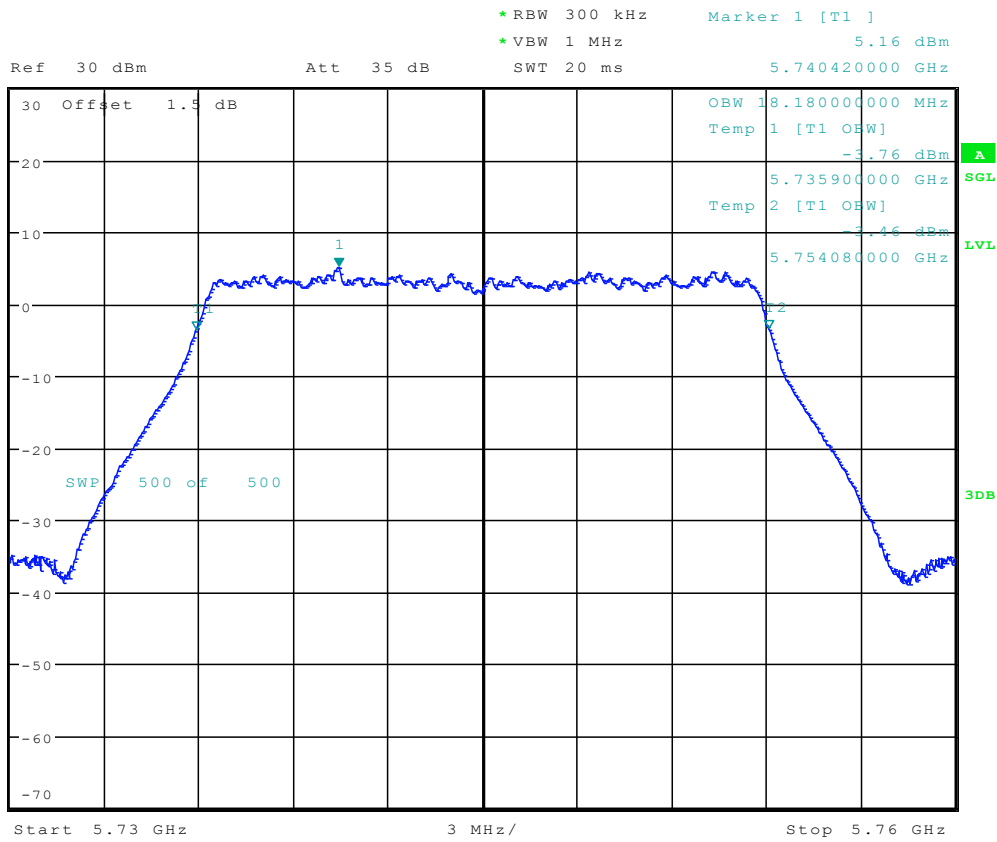


Date: 8.JUL.2016 13:38:22

5.31 11AC20_149 Ant 1

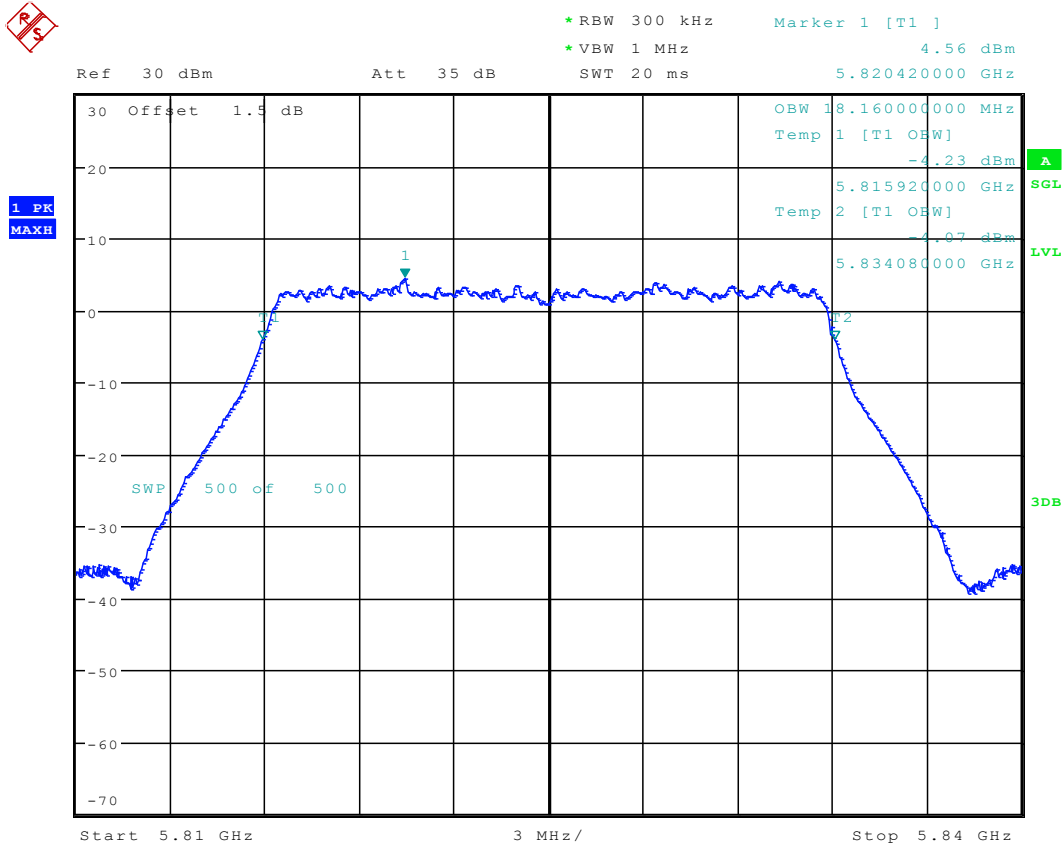


1 PK
MAXH



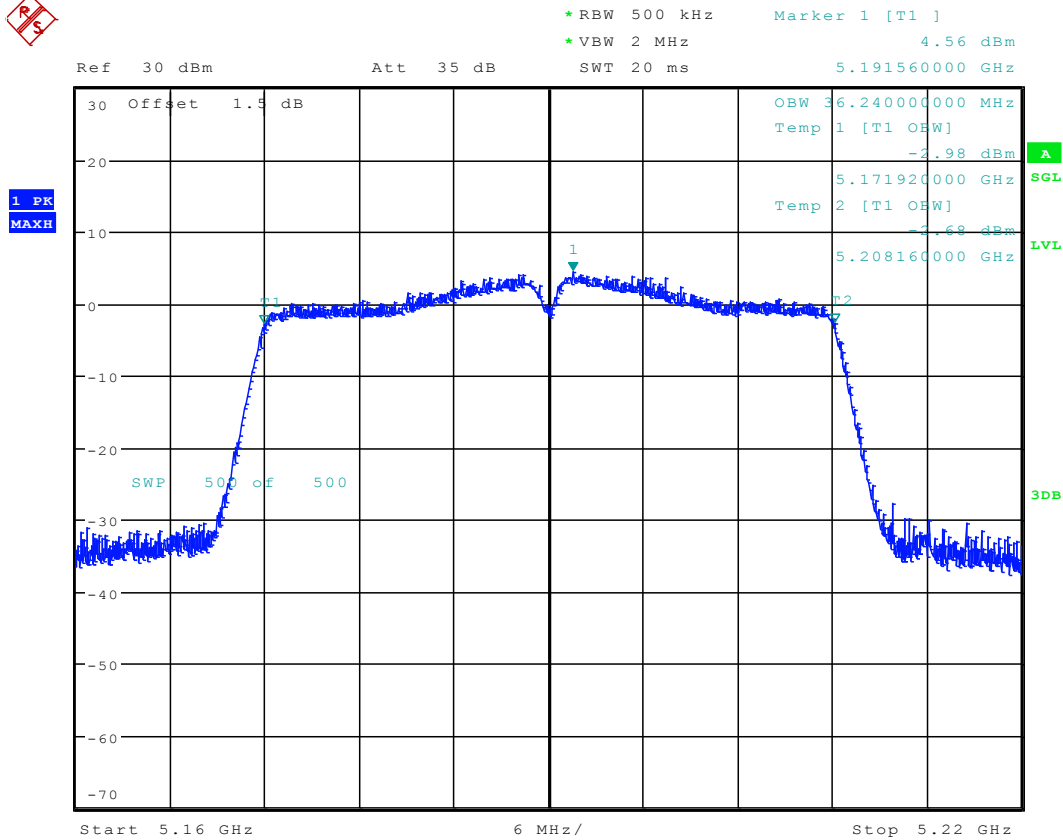
Date: 8.JUL.2016 15:33:12

5.32 11AC20_165 Ant 1



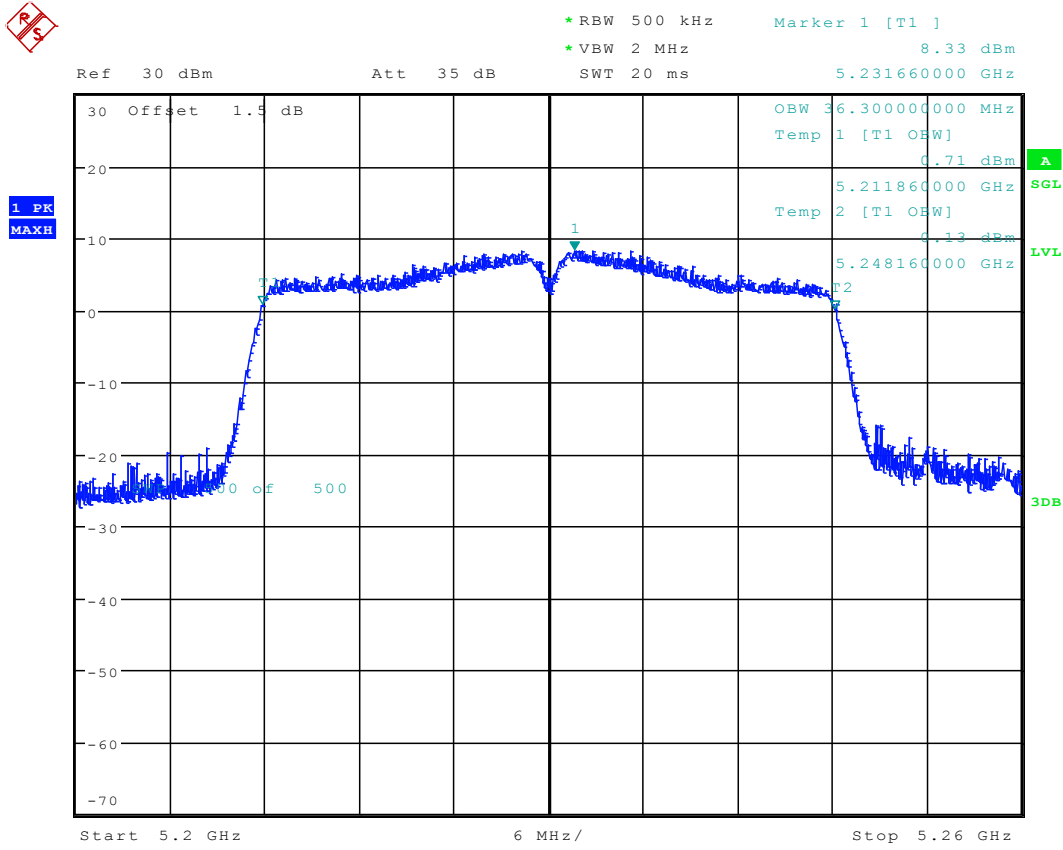
Date: 8.JUL.2016 15:52:02

5.33 11AC40_38 Ant 1



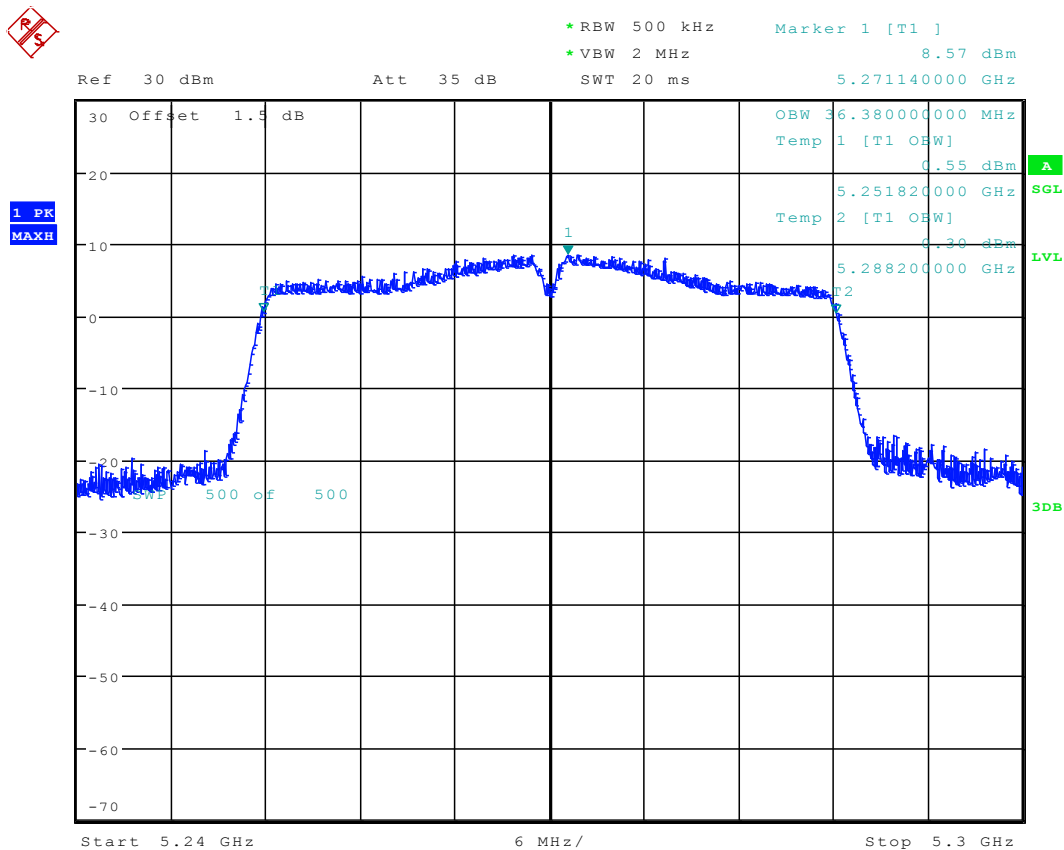
Date: 2.JUN.2016 18:59:29

5.34 11AC40_46 Ant 1



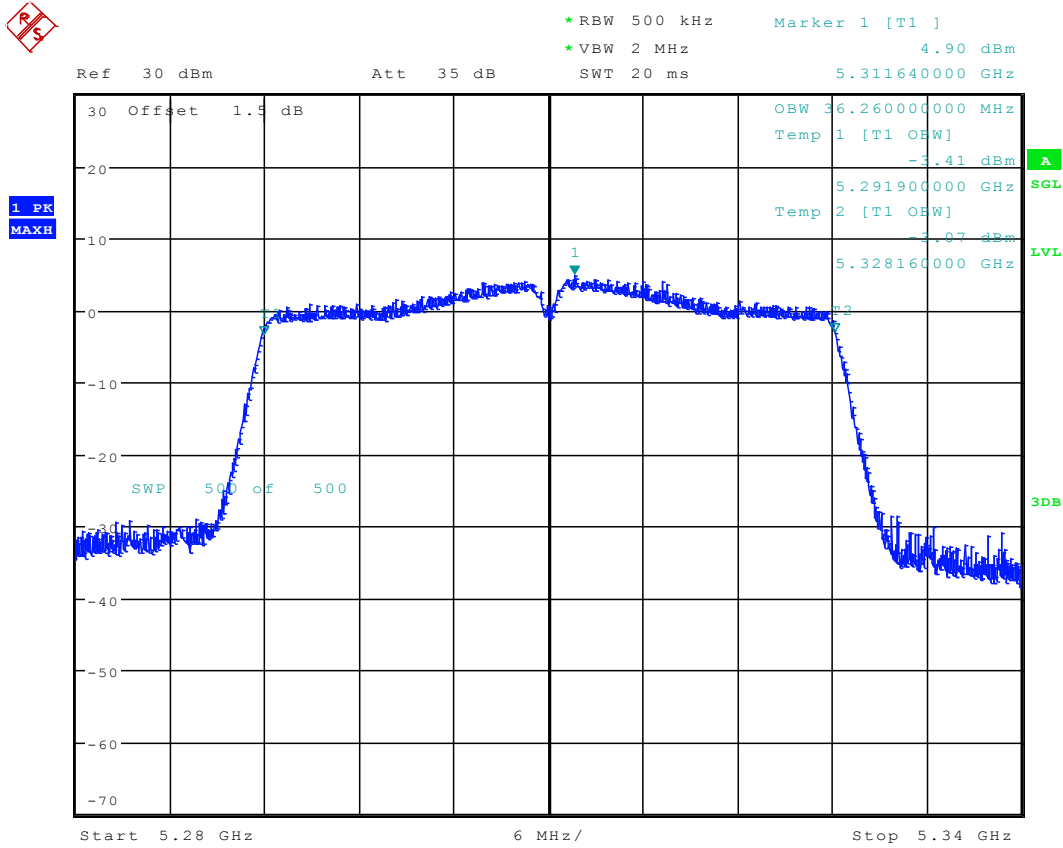
Date: 2.JUN.2016 19:04:44

5.35 11AC40_54 Ant 1



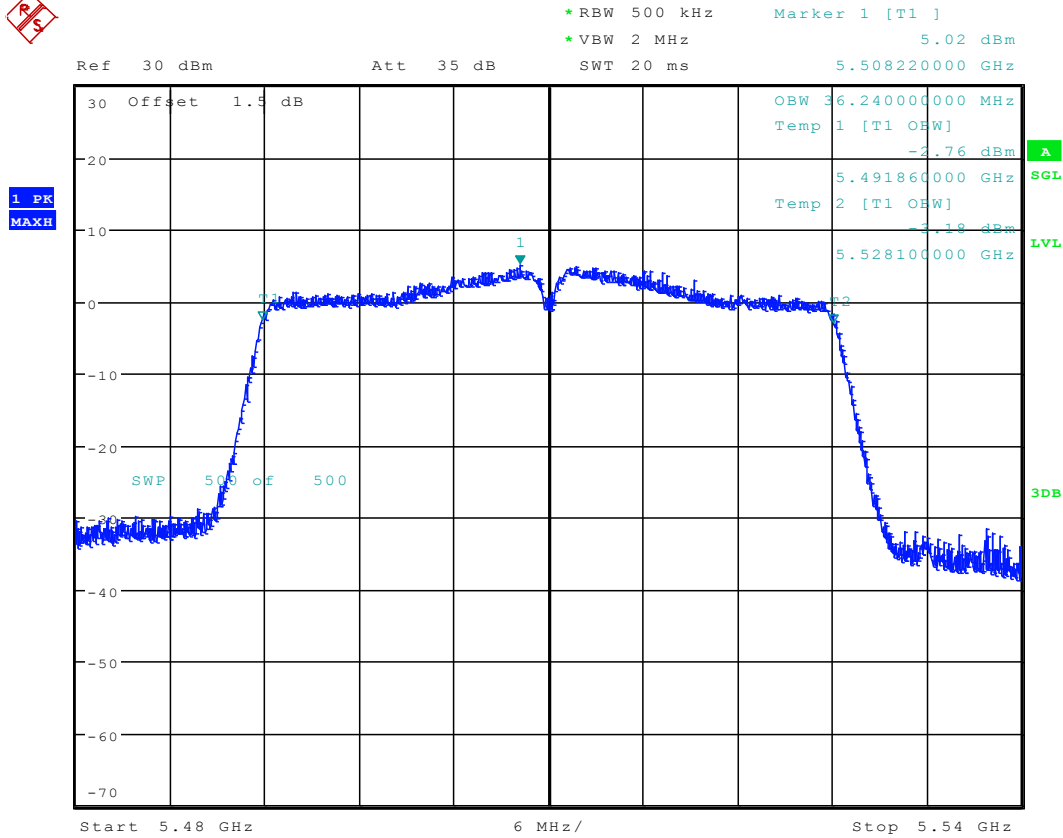
Date: 2.JUN.2016 19:10:08

5.36 11AC40_62 Ant 1



Date: 2.JUN.2016 19:17:28

5.37 11AC40_102 Ant 1

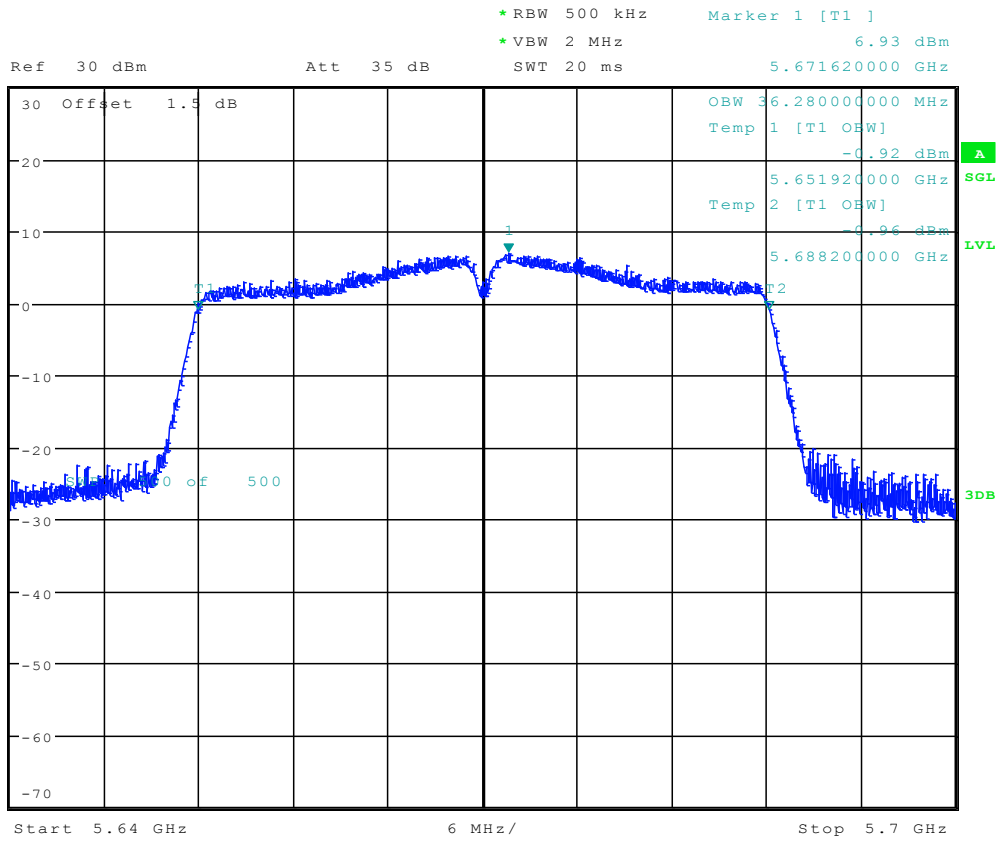


Date: 2.JUN.2016 19:23:18

5.38 11AC40_134 Ant 1

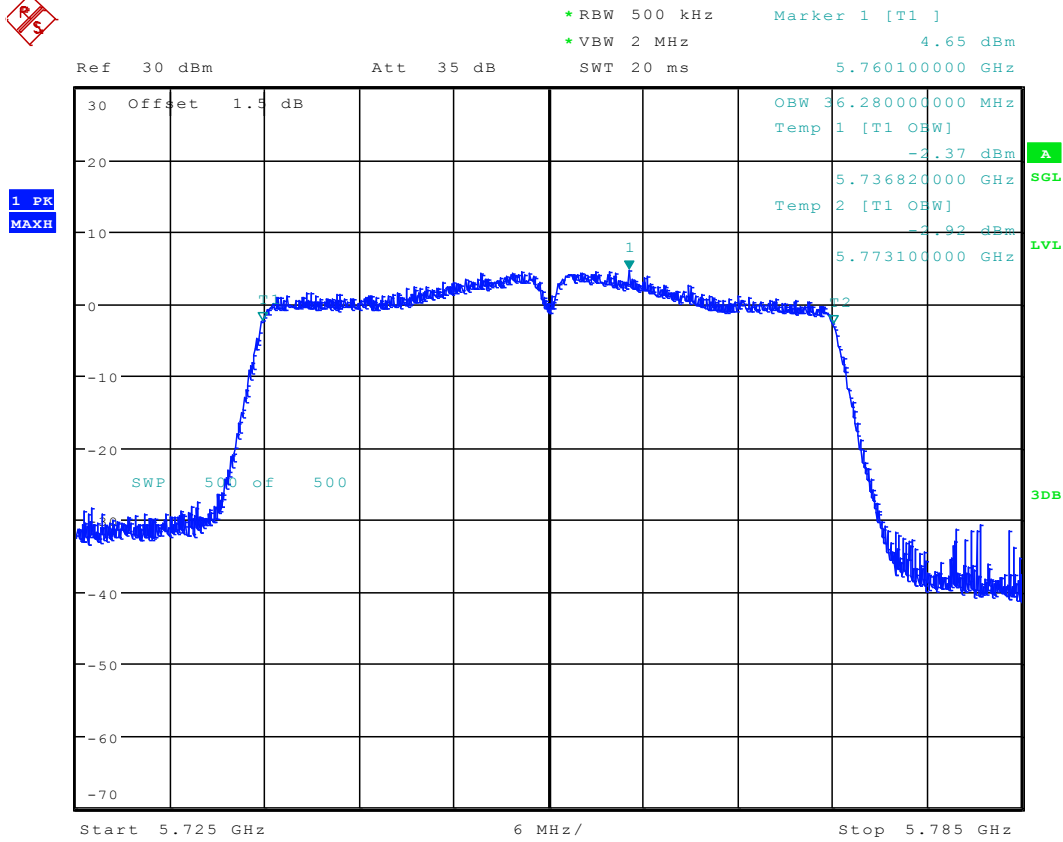


1 PK
MAXH



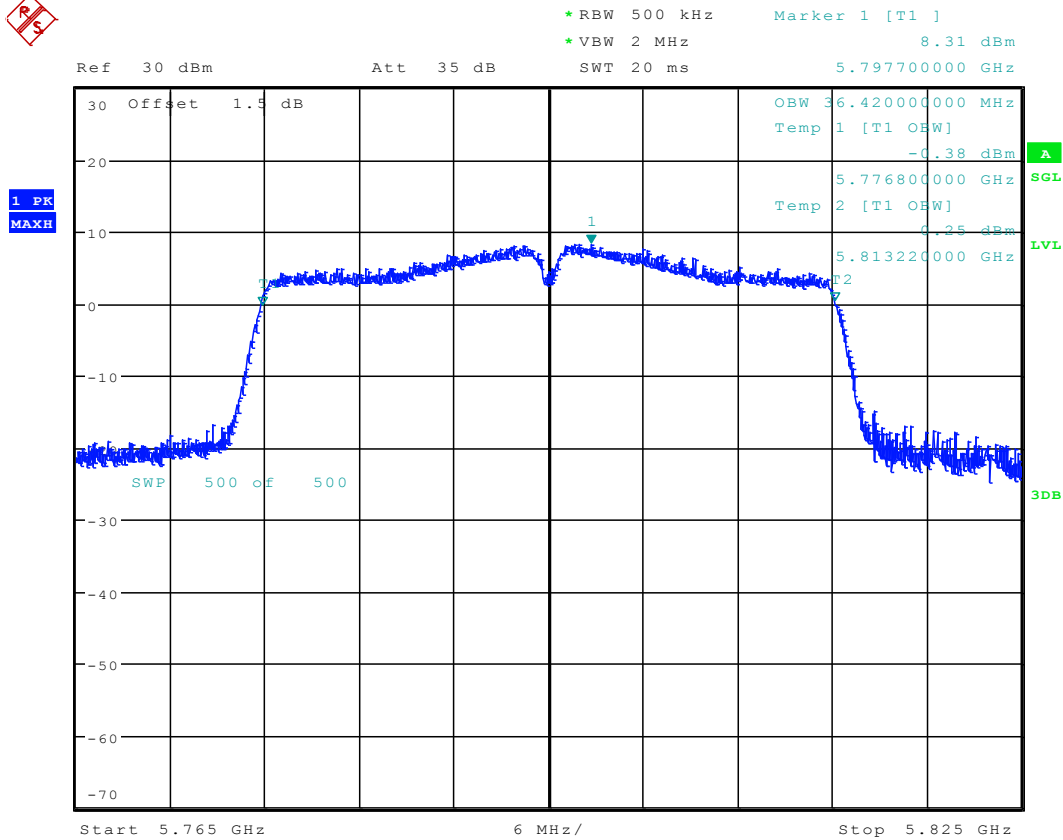
Date: 2.JUN.2016 20:30:43

5.39 11AC40_151 Ant 1



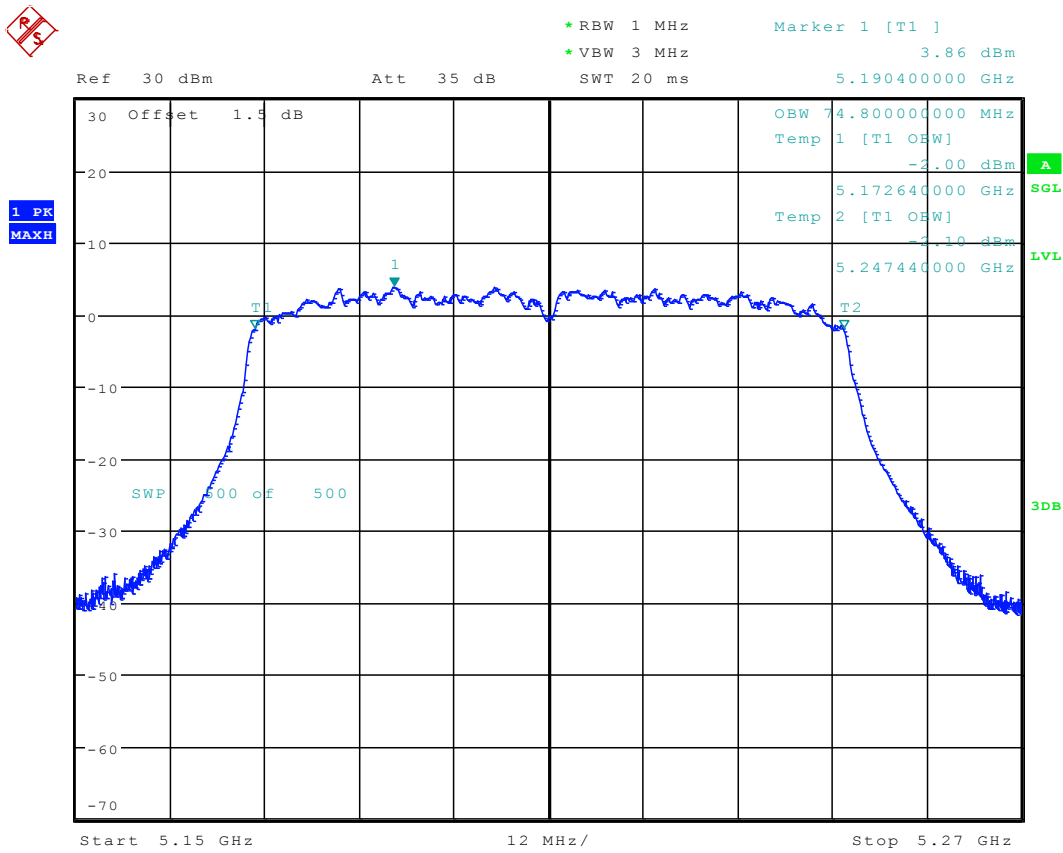
Date: 2.JUN.2016 19:31:21

5.40 11AC40_159 Ant 1



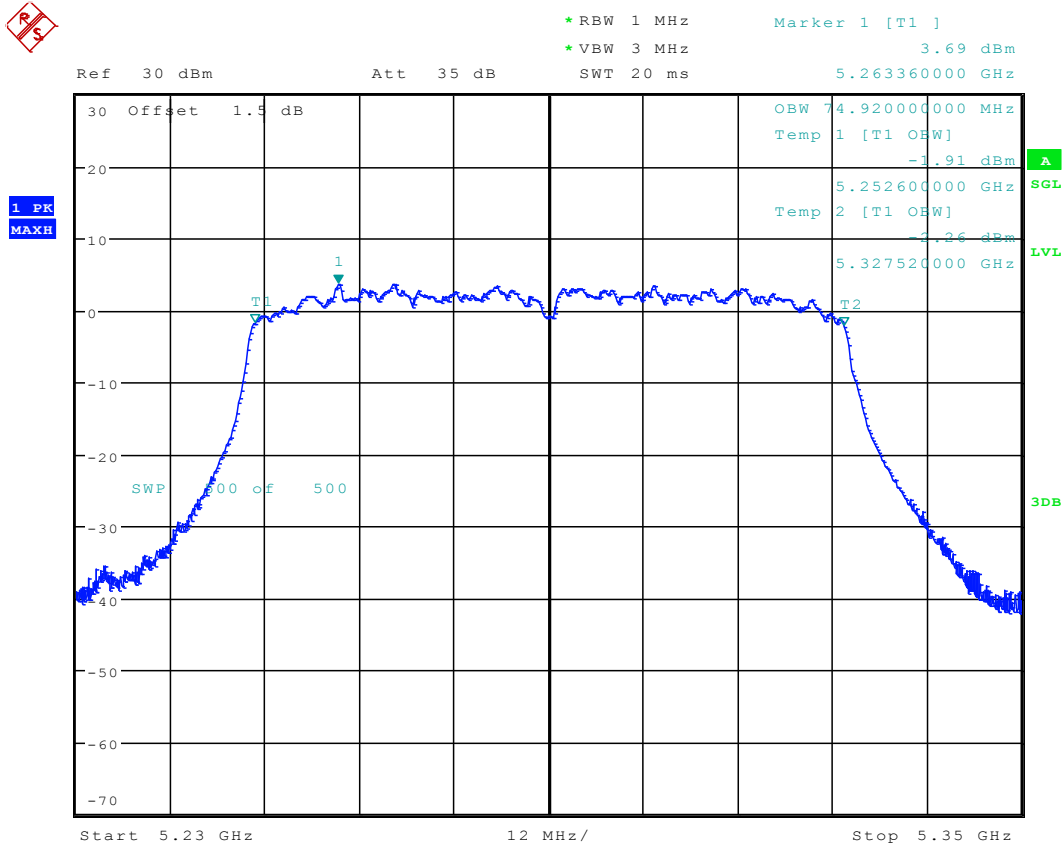
Date: 2.JUN.2016 19:42:47

5.41 11AC80_42 Ant 1



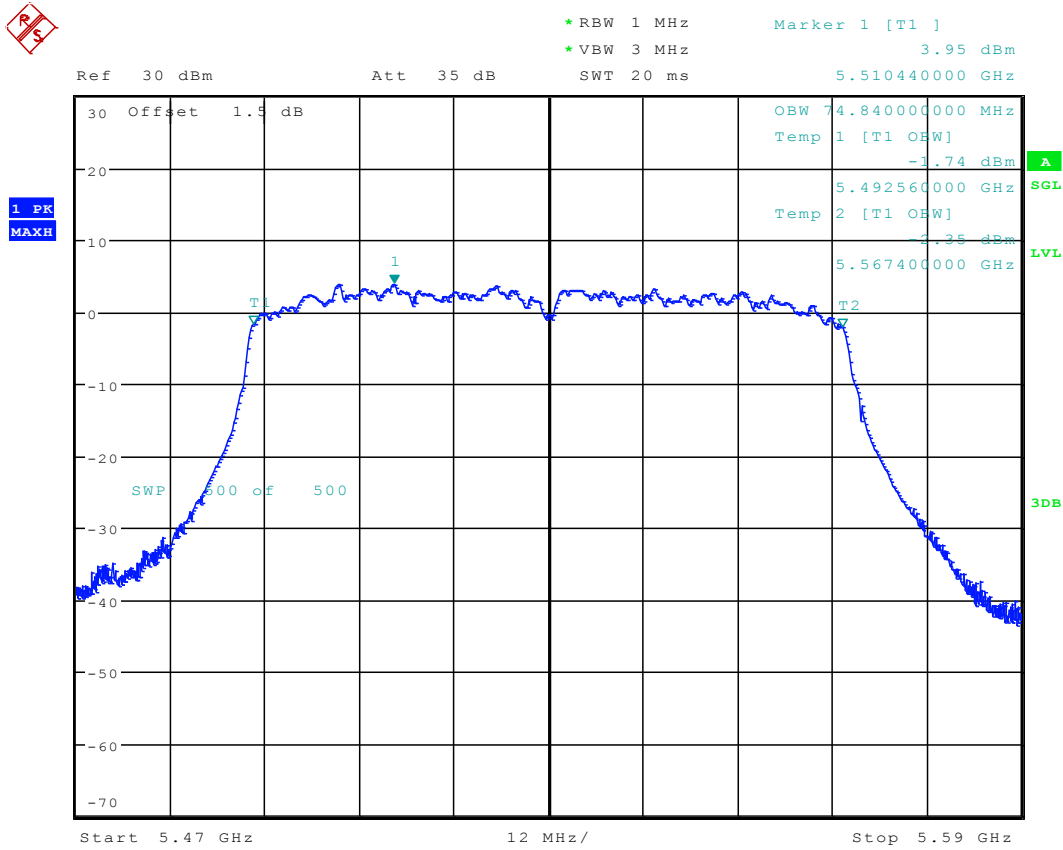
Date: 8.JUL.2016 17:32:35

5.42 11AC80_58 Ant 1



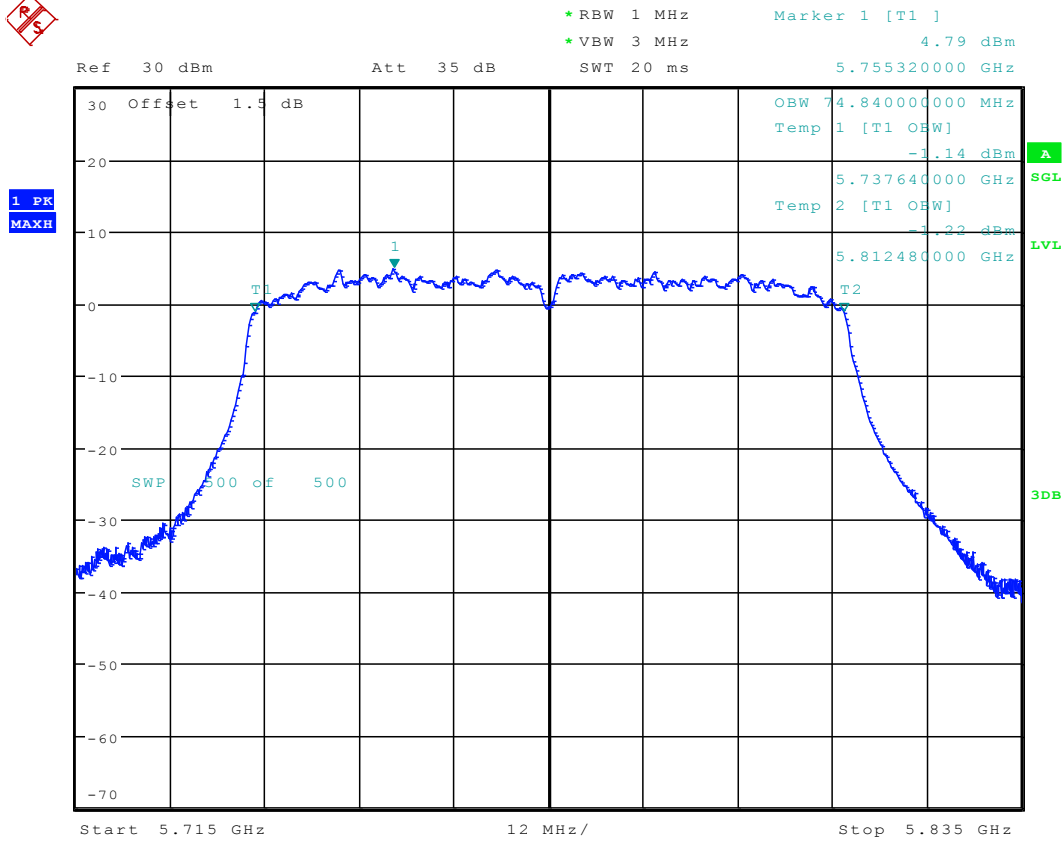
Date: 8.JUL.2016 17:37:57

5.43 11AC80_106 Ant 1



Date: 8.JUL.2016 17:44:01

5.44 11AC80_155 Ant 1



Date: 8.JUL.2016 17:50:36

Appendix C: Duty Cycle

6 Part I - Test Results

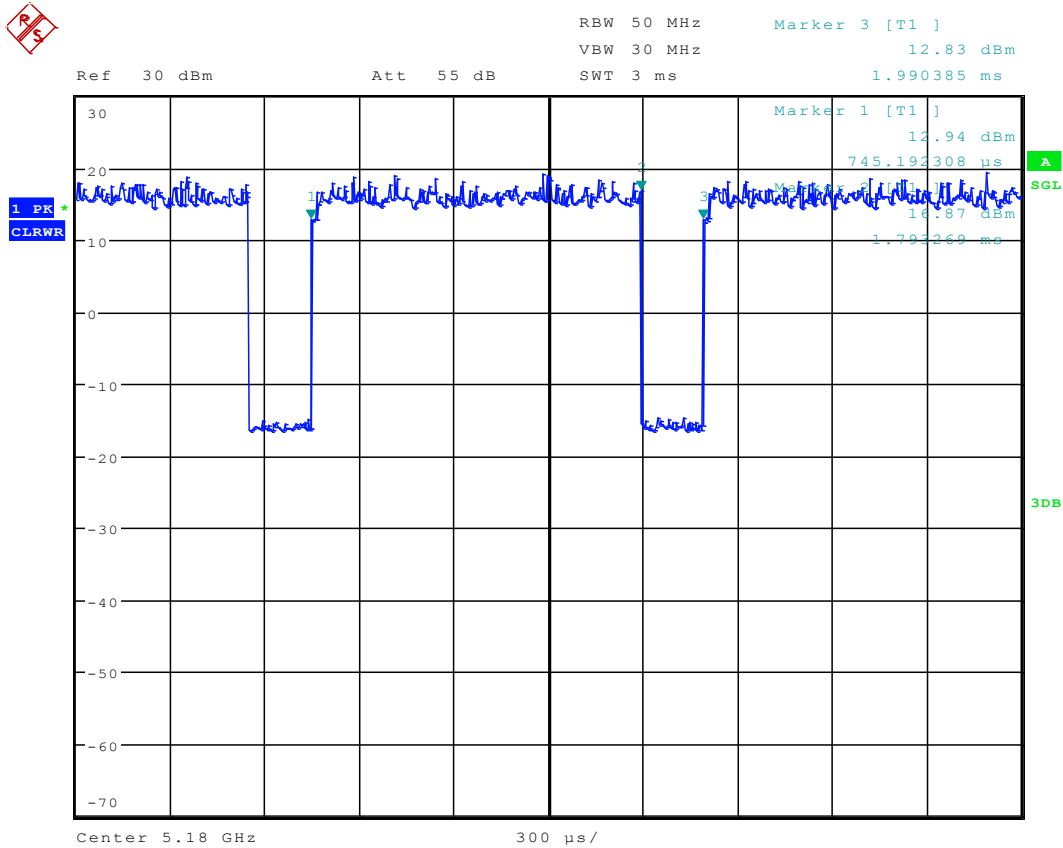
Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Duty cycle [%]
11A	36,	5180	Ant 1	84
11A	48	5240	Ant 1	84
11A	52	5260	Ant 1	84
11A	64	5320	Ant 1	84
11A	100	5500	Ant 1	84
11A	140	5700	Ant 1	84
11A	149	5745	Ant 1	84
11A	165	5825	Ant 1	84
11N20	36	5180	Ant 1	83
11N20	48	5240	Ant 1	83
11N20	52	5260	Ant 1	83
11N20	64	5320	Ant 1	83
11N20	100	5500	Ant 1	83
11N20	140	5700	Ant 1	83
11N20	149	5745	Ant 1	83
11N20	165	5825	Ant 1	83
11N40	38	5190	Ant 1	71
11N40	46	5230	Ant 1	71
11N40	54	5270	Ant 1	71
11N40	62	5310	Ant 1	71
11N40	102	5510	Ant 1	71
11N40	134	5670	Ant 1	71
11N40	151	5755	Ant 1	71
11N40	159	5795	Ant 1	71
11AC20	36	5180	Ant 1	83
11AC20	48	5240	Ant 1	83
11AC20	52	5260	Ant 1	83
11AC20	64	5320	Ant 1	83
11AC20	100	5500	Ant 1	83
11AC20	140	5700	Ant 1	83
11AC20	149	5745	Ant 1	83
11AC20	165	5825	Ant 1	83
11AC40	38	5190	Ant 1	71

11AC40	46	5230	Ant 1	71
11AC40	54	5270	Ant 1	71
11AC40	62	5310	Ant 1	71
11AC40	102	5510	Ant 1	71
11AC40	134	5670	Ant 1	71
11AC40	151	5755	Ant 1	71
11AC40	159	5795	Ant 1	71
11AC80	42	5210	Ant 1	56
11AC80	58	5290	Ant 1	56
11AC80	106	5530	Ant 1	56
11AC80	155	5775	Ant 1	56



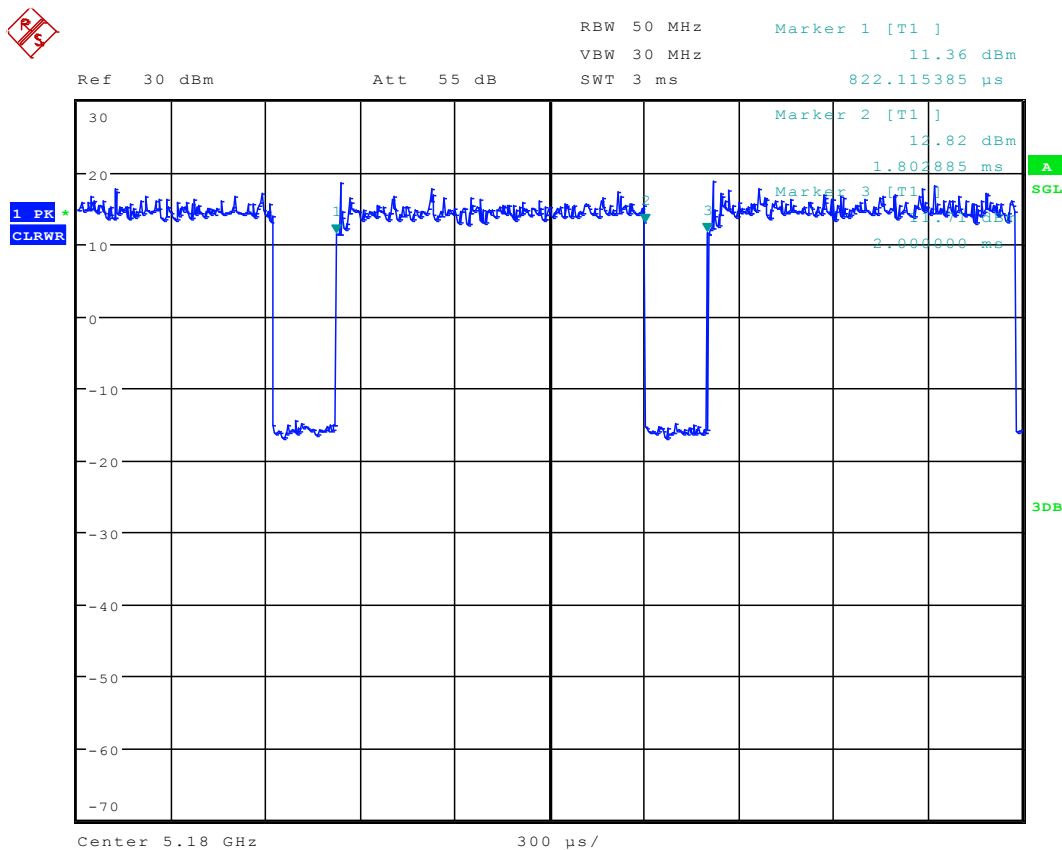
7 Test Plot

7.1 11A



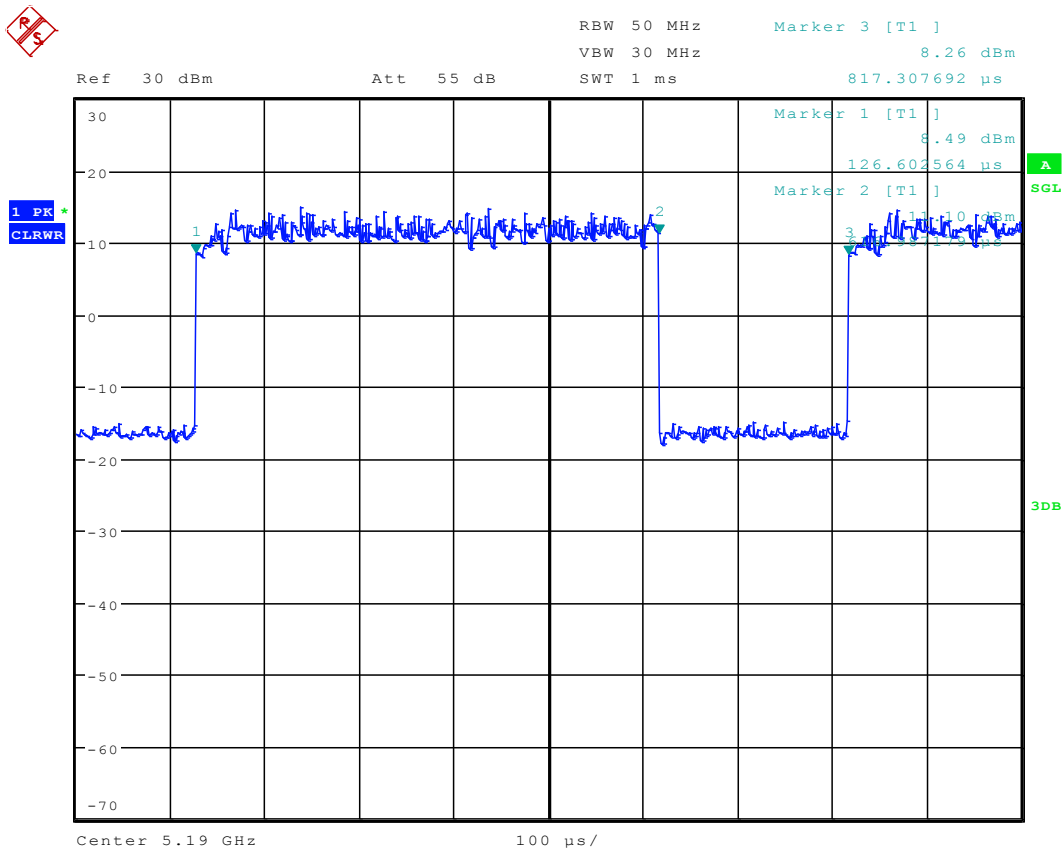
Date: 7.JUL.2016 16:30:00

7.2 11n20



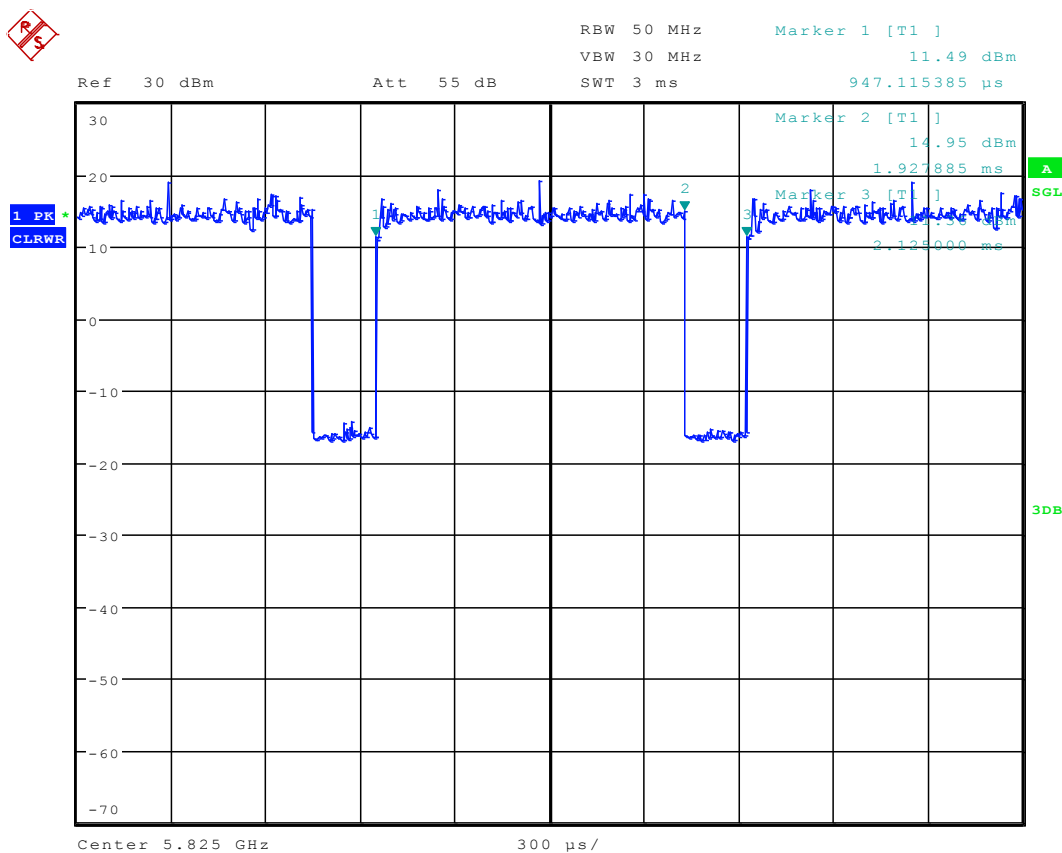
Date: 7.JUL.2016 16:31:38

7.3 11n40



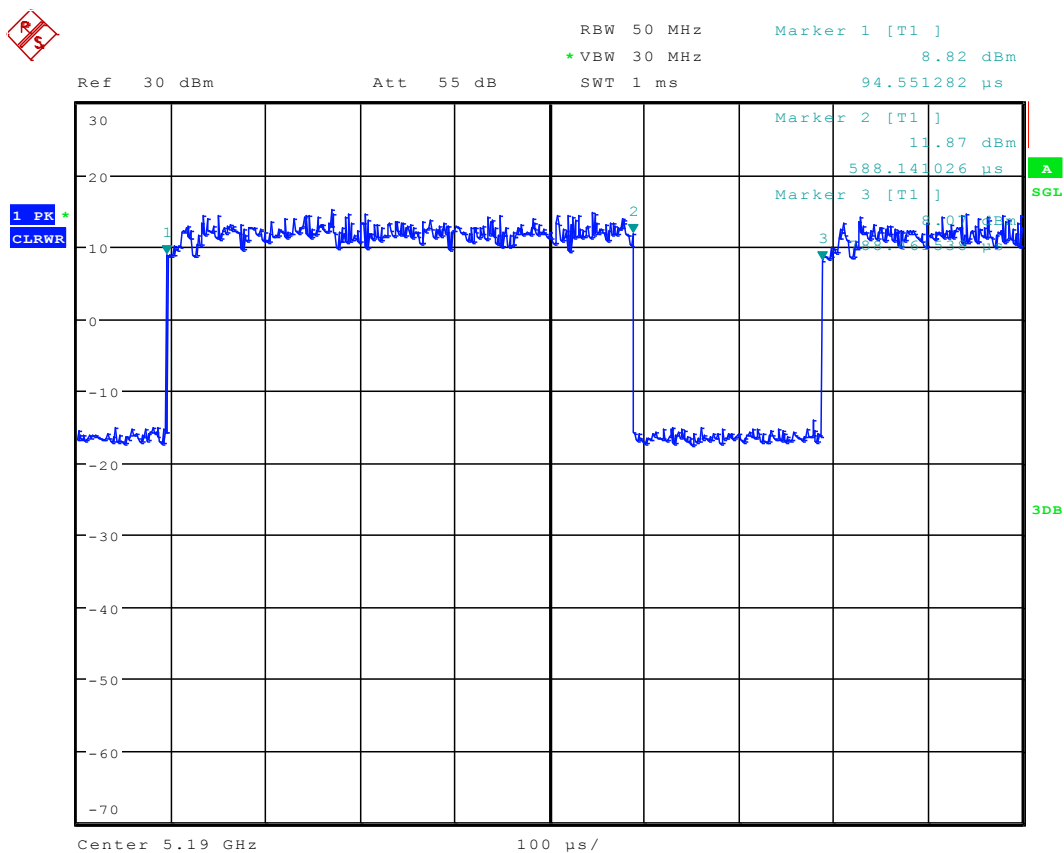
Date: 7.JUL.2016 16:33:54

7.4 11ac20



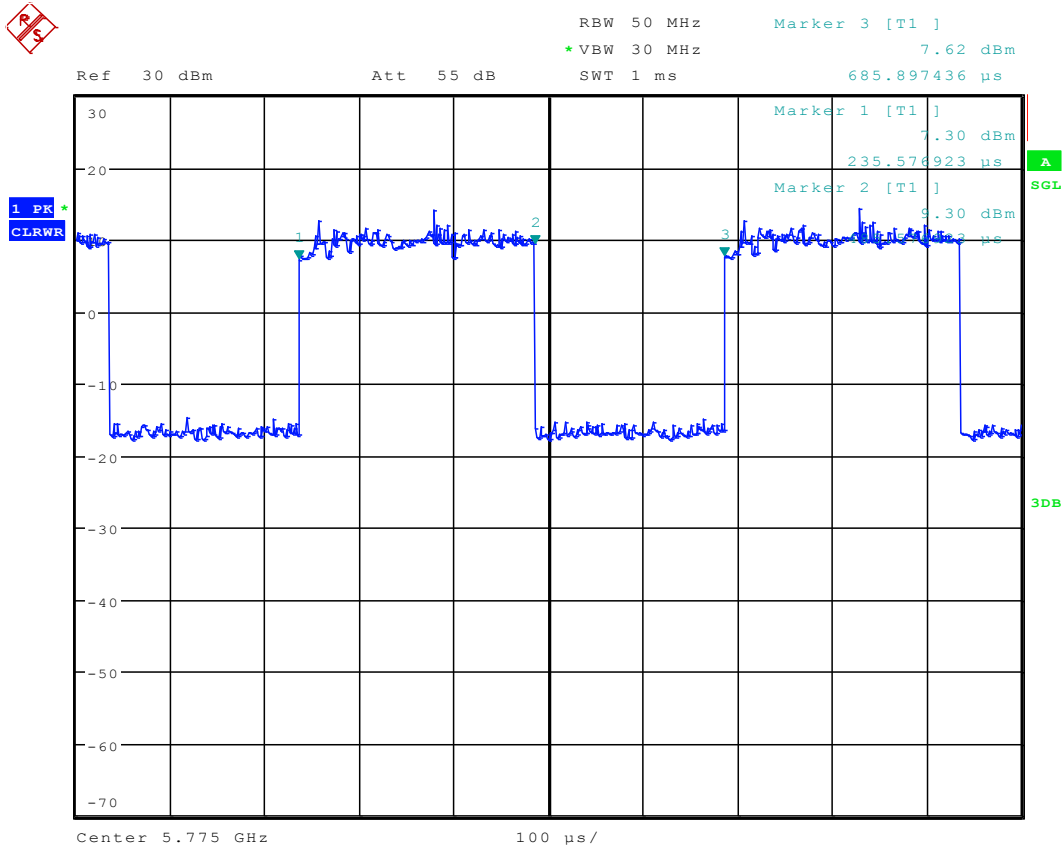
Date: 7.JUL.2016 16:26:17

7.5 11ac40



Date: 7.JUL.2016 16:18:03

7.6 11ac80



Date: 7.JUL.2016 16:15:00

Appendix D: Maximum Conducted Output Power

8 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A	36	5180	Ant 1	12.05	pass
	48	5240	Ant 1	12.11	pass
	52	5260	Ant 1	12.15	pass
	64	5320	Ant 1	11.88	pass
	100	5500	Ant 1	11.61	pass
	140	5700	Ant 1	11.93	pass
	149	5745	Ant 1	12.57	pass
	165	5825	Ant 1	12.21	pass
11N20	36	5180	Ant 1	11.01	pass
	48	5240	Ant 1	11.43	pass
	52	5260	Ant 1	11.35	pass
	64	5320	Ant 1	10.82	pass
	100	5500	Ant 1	11.01	pass
	140	5700	Ant 1	11.46	pass
	149	5745	Ant 1	11.72	pass
	165	5825	Ant 1	11.23	pass
11N40	38	5190	Ant 1	10.56	pass
	46	5230	Ant 1	10.75	pass
	54	5270	Ant 1	10.78	pass
	62	5310	Ant 1	10.38	pass
	102	5510	Ant 1	10.95	pass
	134	5670	Ant 1	10.86	pass
	151	5755	Ant 1	11.32	pass
	159	5795	Ant 1	10.81	pass
11AC20	36	5180	Ant 1	11.32	pass
	48	5240	Ant 1	11.63	pass
	52	5260	Ant 1	11.68	pass
	64	5320	Ant 1	10.55	pass
	100	5500	Ant 1	11.05	pass
	140	5700	Ant 1	11.80	pass
	149	5745	Ant 1	11.83	pass
	165	5825	Ant 1	11.45	pass
11AC40	38	5190	Ant 1	10.31	pass
	46	5230	Ant 1	10.61	pass

	54	5270	Ant 1	10.64	pass
	62	5310	Ant 1	10.40	pass
	102	5510	Ant 1	10.37	pass
	134	5670	Ant 1	10.66	pass
	151	5755	Ant 1	11.53	pass
	159	5795	Ant 1	10.72	pass
11AC80	42	5210	Ant 1	9.66	pass
	58	5290	Ant 1	9.95	pass
	106	5530	Ant 1	10.15	pass
	155	5775	Ant 1	10.38	pass

Appendix E: Peak Power Spectral Density Level

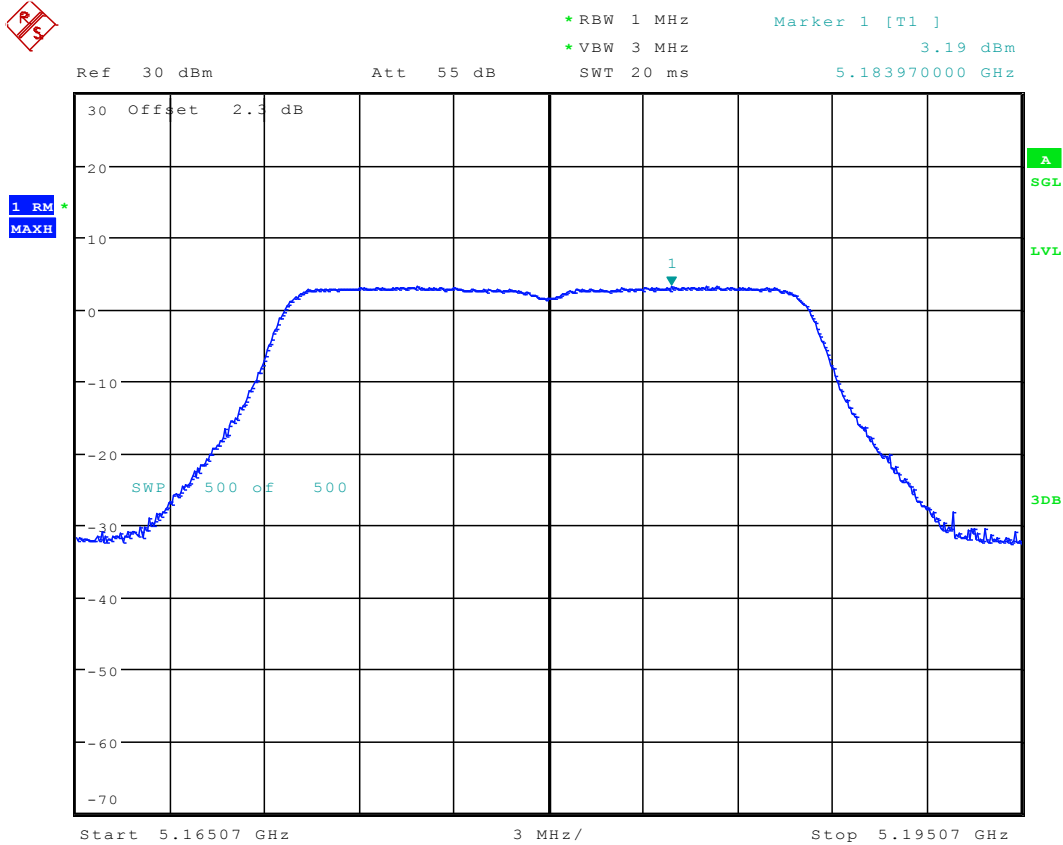
9 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A	36	5180	Ant 1	3.19	pass
	48	5240	Ant 1	3.51	pass
	52	5260	Ant 1	3.3	pass
	64	5320	Ant 1	2.87	pass
	100	5500	Ant 1	3.06	pass
	140	5700	Ant 1	3.34	pass
	149	5745	Ant 1	3.96	pass
	165	5825	Ant 1	3.27	pass
11N20	36	5180	Ant 1	2.08	pass
	48	5240	Ant 1	2.47	pass
	52	5260	Ant 1	2.35	pass
	64	5320	Ant 1	1.87	pass
	100	5500	Ant 1	2.06	pass
	140	5700	Ant 1	2.65	pass
	149	5745	Ant 1	2.68	pass
	165	5825	Ant 1	2.12	pass
11N40	38	5190	Ant 1	-0.21	pass
	46	5230	Ant 1	0.03	pass
	54	5270	Ant 1	0.05	pass
	62	5310	Ant 1	-0.47	pass
	102	5510	Ant 1	-0.36	pass
	134	5670	Ant 1	0	pass
	151	5755	Ant 1	0.51	pass
	159	5795	Ant 1	0.11	pass
11AC20	36	5180	Ant 1	2.01	pass
	48	5240	Ant 1	2.37	pass
	52	5260	Ant 1	2.68	pass
	64	5320	Ant 1	1.55	pass
	100	5500	Ant 1	1.64	pass
	140	5700	Ant 1	2.42	pass
	149	5745	Ant 1	2.96	pass
	165	5825	Ant 1	2.09	pass
11AC40	38	5190	Ant 1	0.08	pass
	46	5230	Ant 1	0.25	pass

	54	5270	Ant 1	0.10	pass
	62	5310	Ant 1	-0.31	pass
	102	5510	Ant 1	-0.15	pass
	134	5670	Ant 1	0.36	pass
	151	5755	Ant 1	0.97	pass
	159	5795	Ant 1	0.12	pass
11AC80	42	5210	Ant 1	-1.58	pass
	58	5290	Ant 1	-1.99	pass
	106	5530	Ant 1	-1.57	pass
	155	5775	Ant 1	-0.97	pass

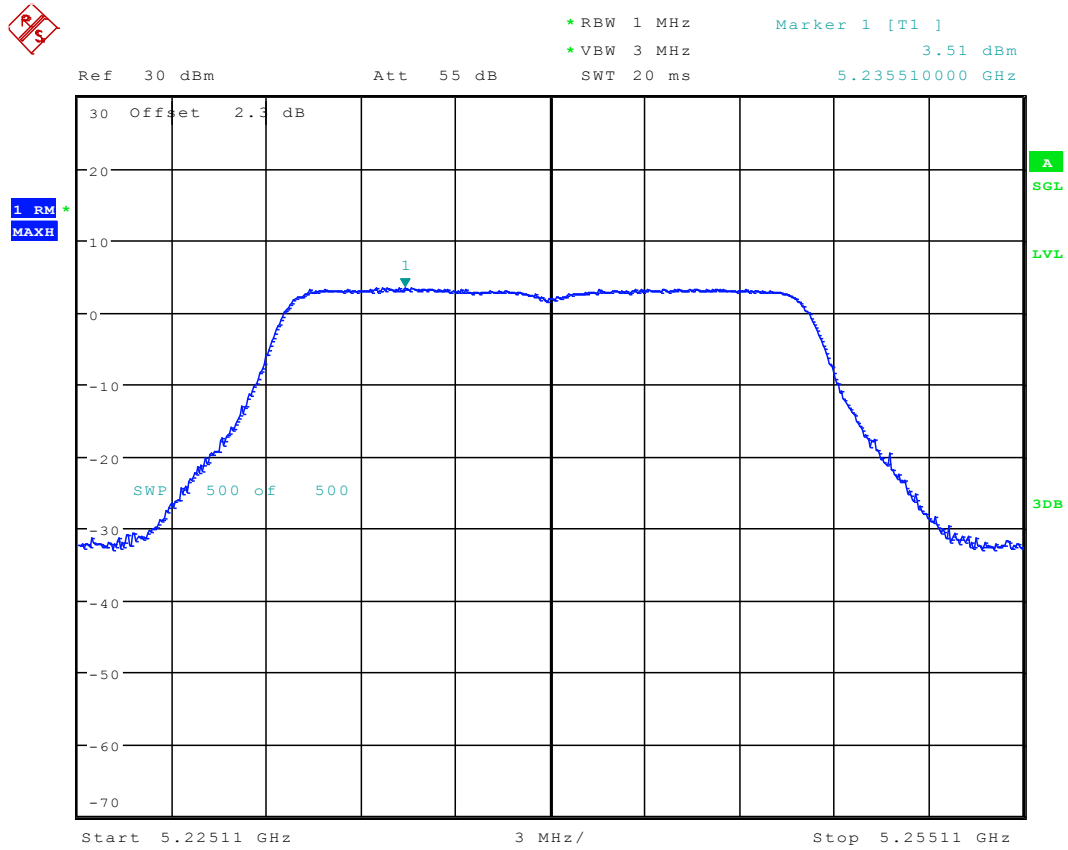
10 Test Plot

10.1 11A_36 Ant 1



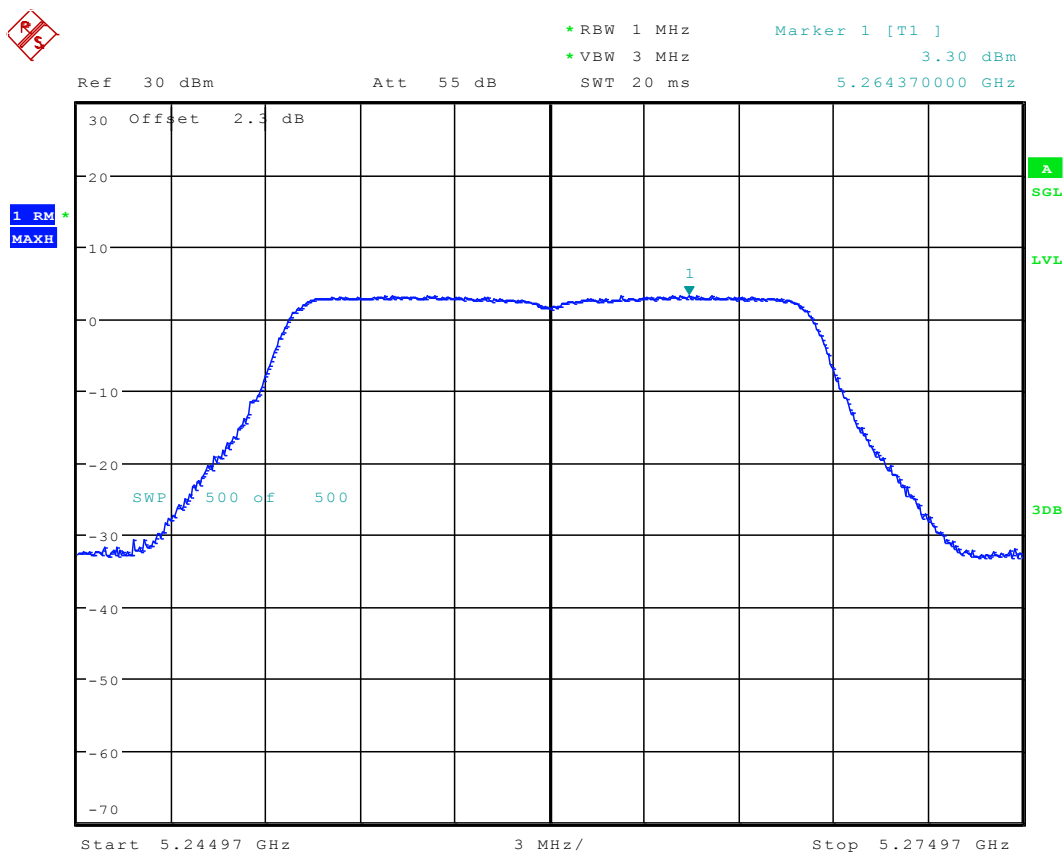
Date: 7.JUL.2016 16:52:10

10.2 11A_48 Ant 1



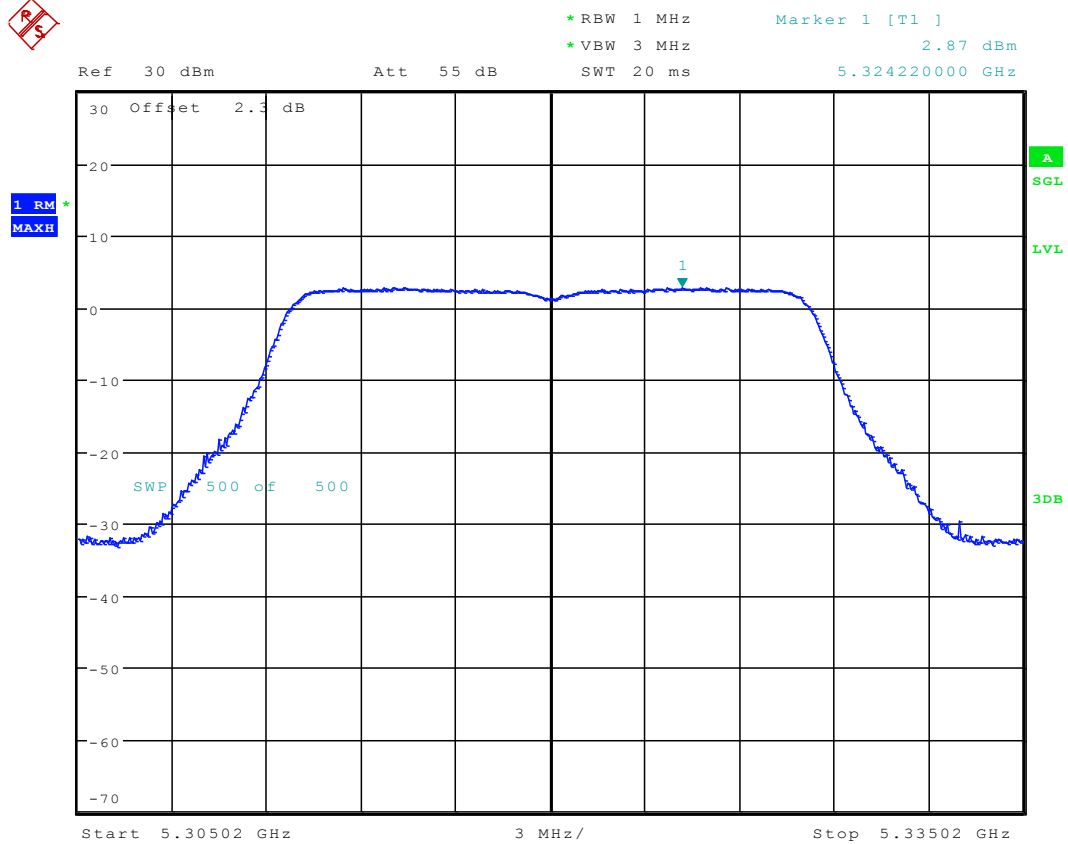
Date: 7.JUL.2016 17:01:02

10.3 11A_52 Ant 1



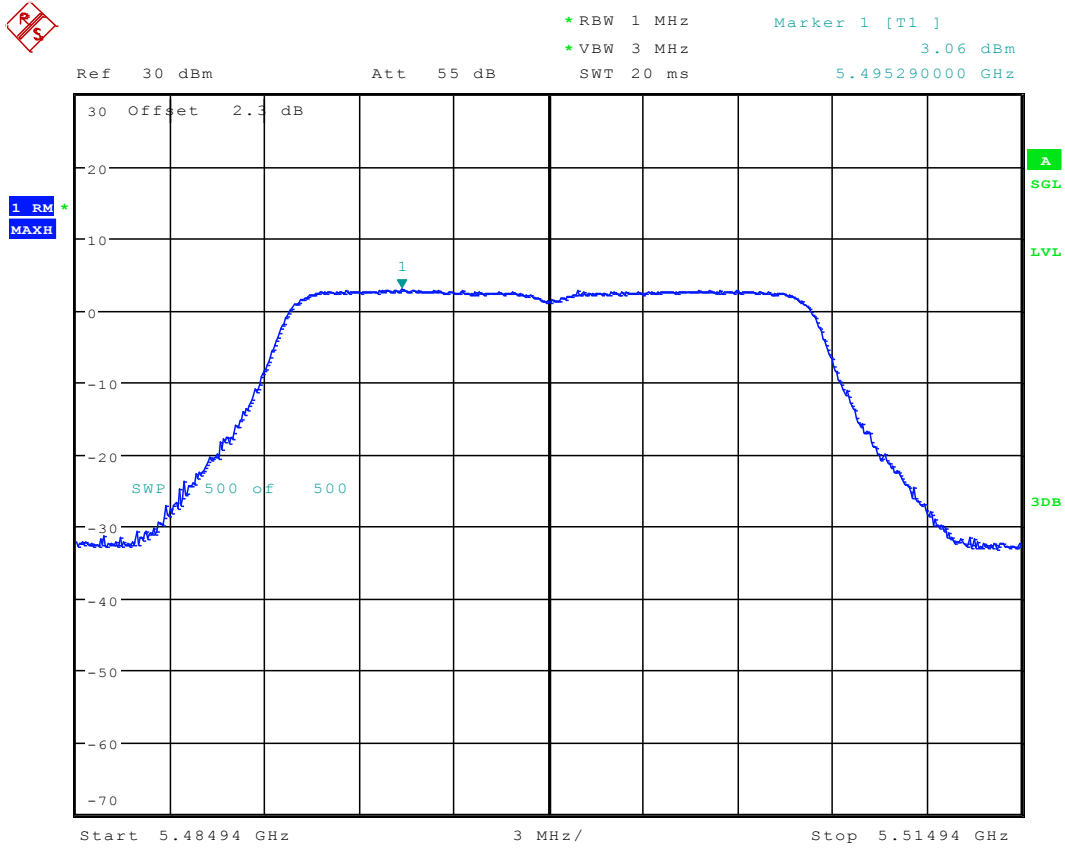
Date: 7.JUL.2016 17:08:15

10.4 11A_64 Ant 1



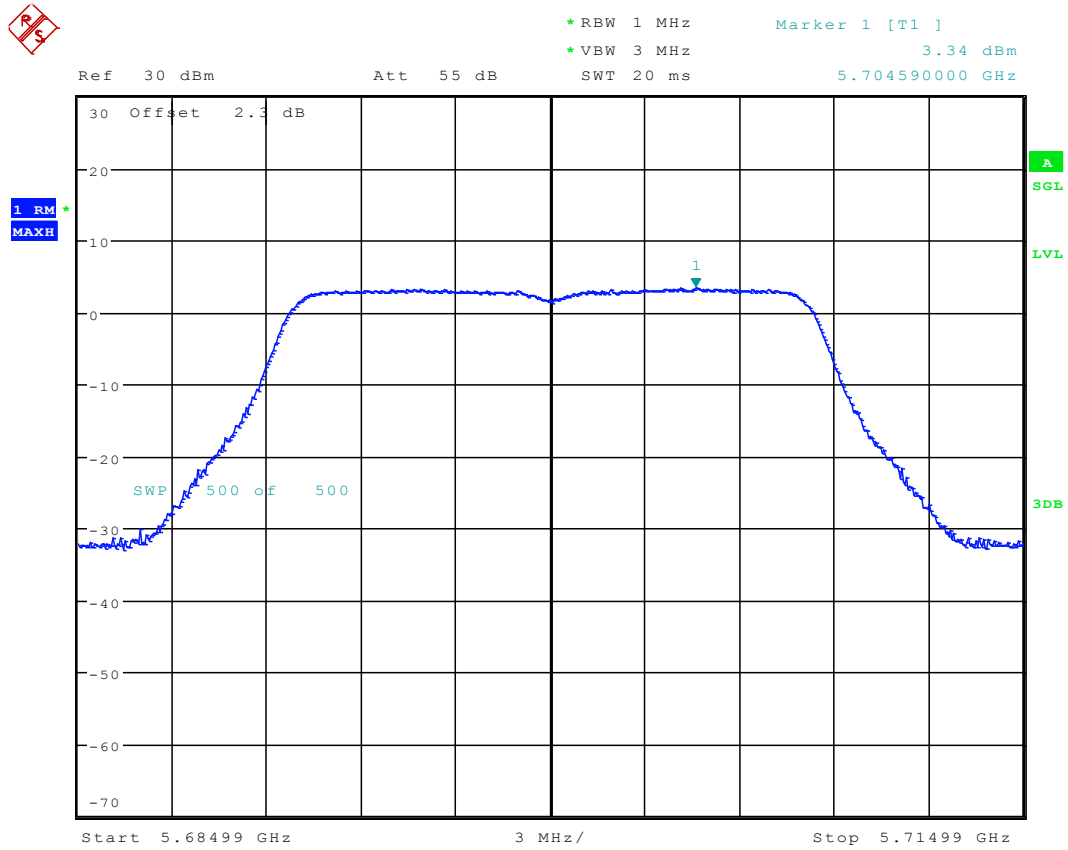
Date: 7.JUL.2016 17:18:28

10.5 11A_100 Ant 1



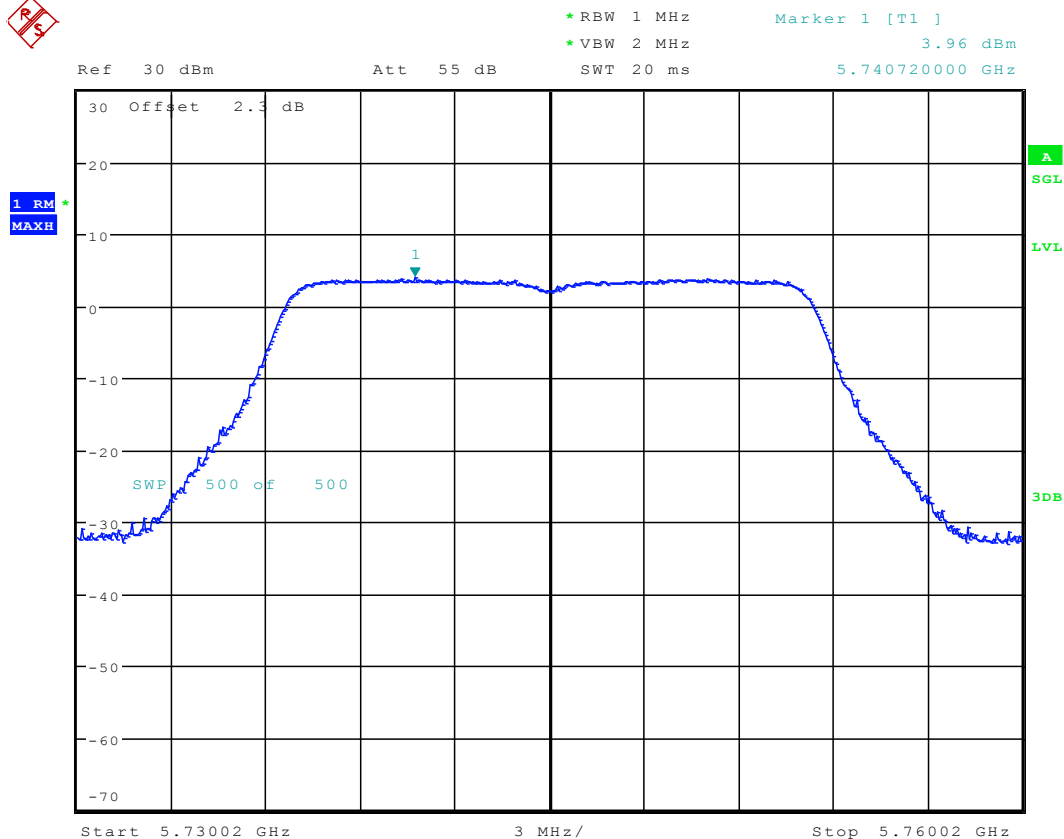
Date: 7.JUL.2016 17:35:57

10.6 11A_140 Ant 1



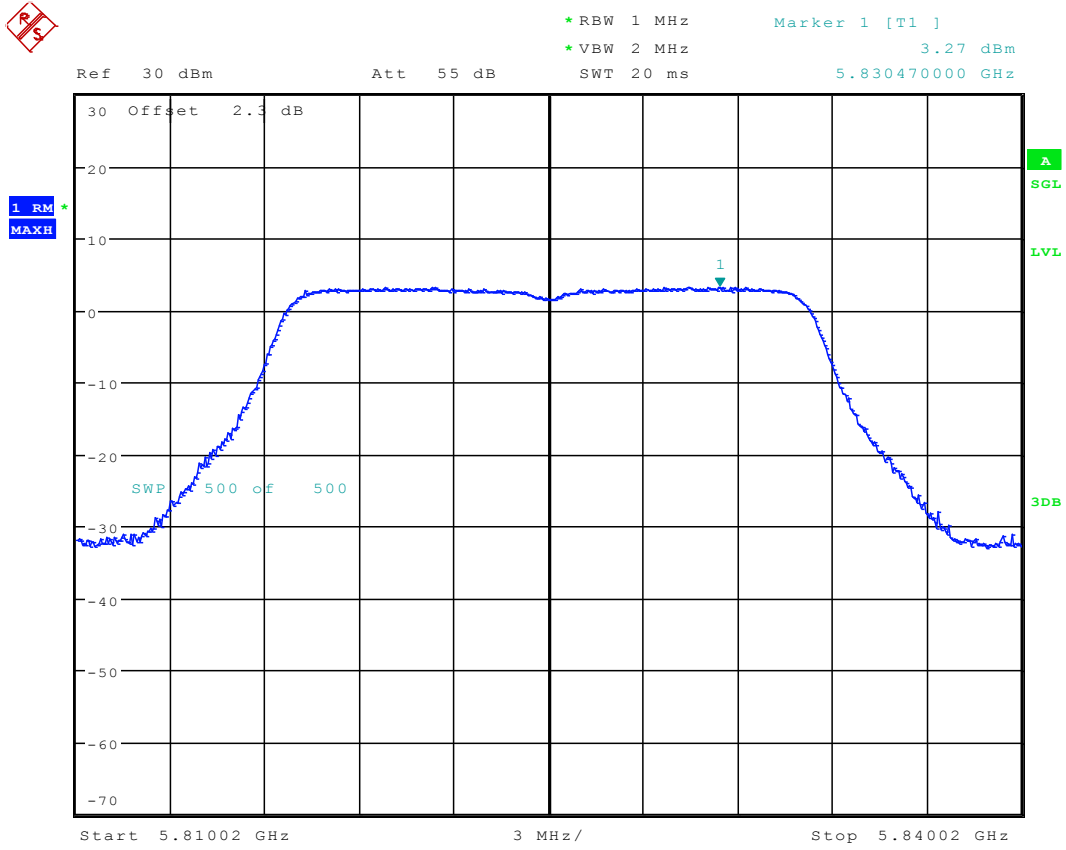
Date: 7.JUL.2016 18:03:40

10.7 11A_149 Ant 1

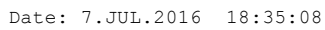


Date: 7.JUL.2016 18:09:19

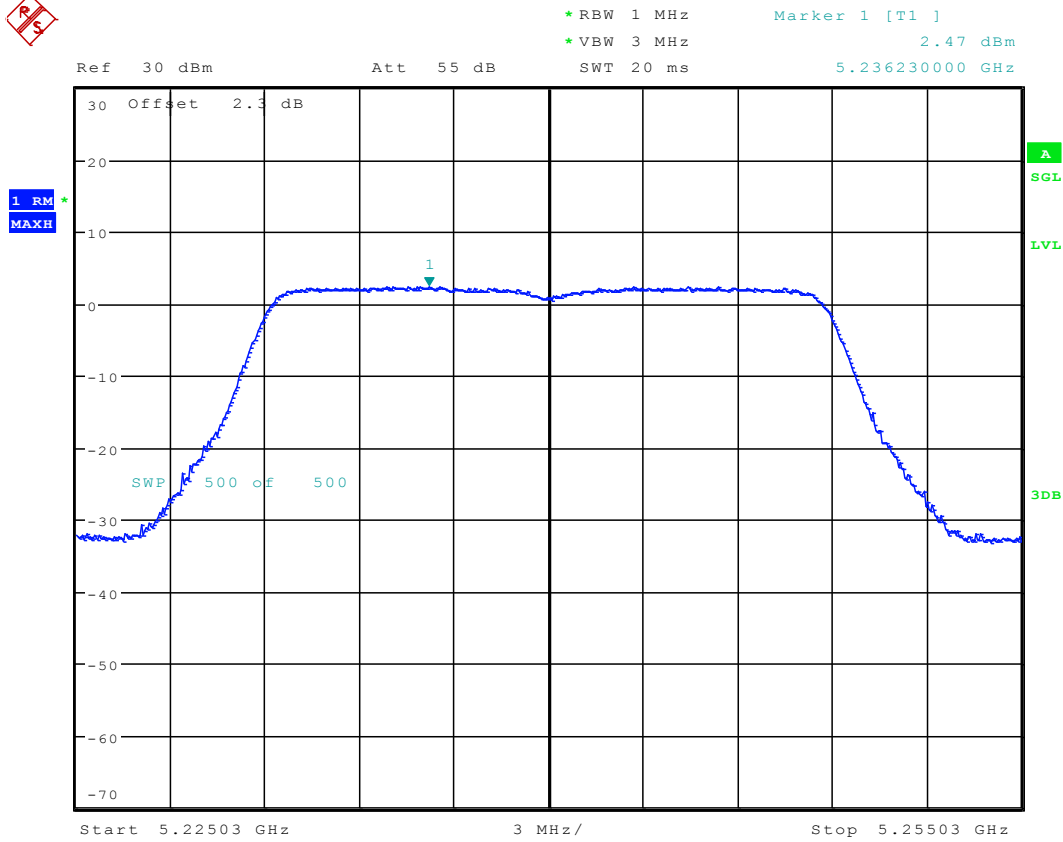
10.8 11A_165 Ant 1



Date: 7.JUL.2016 18:26:19

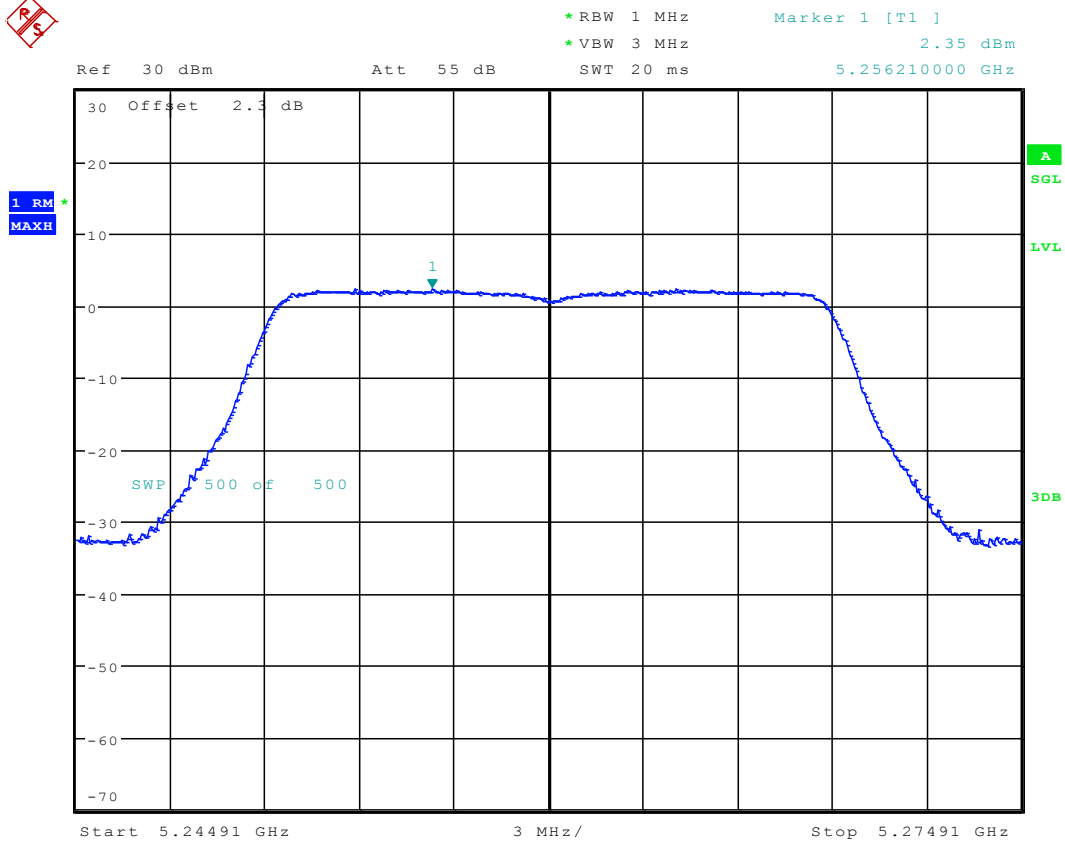


10.10 11N20_48 Ant 1



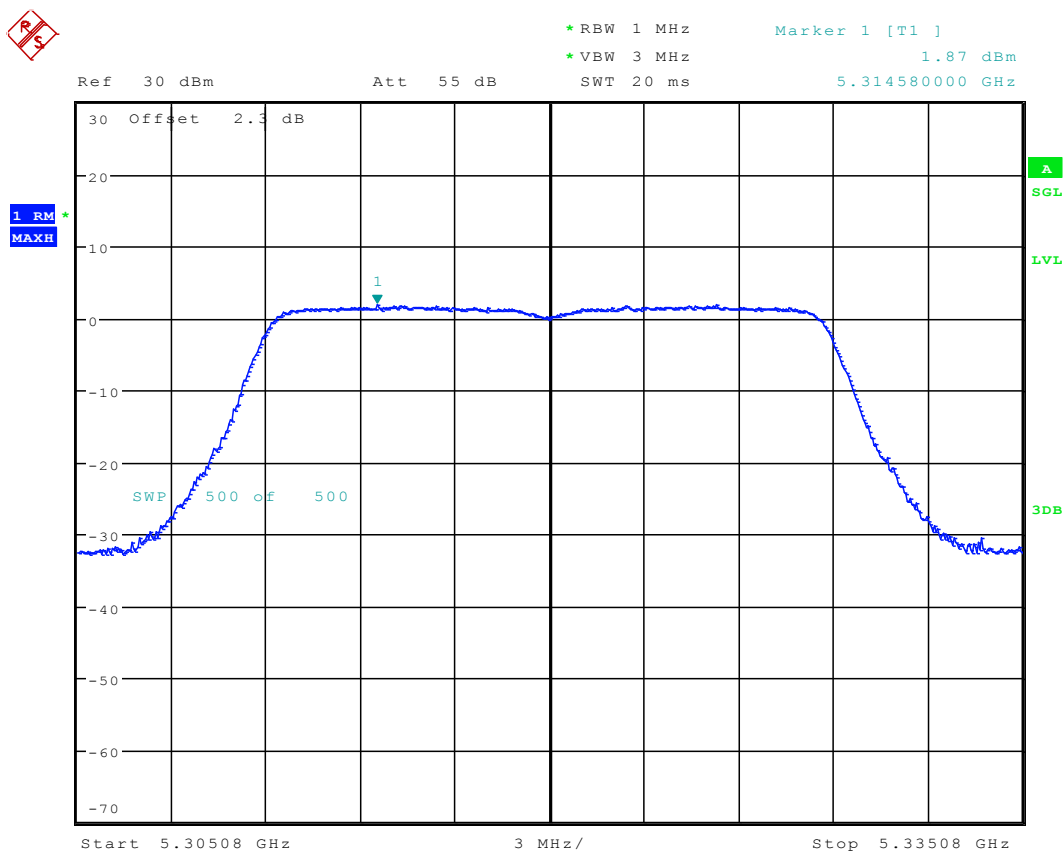
Date: 7.JUL.2016 18:53:02

10.11 11N20_52 Ant 1



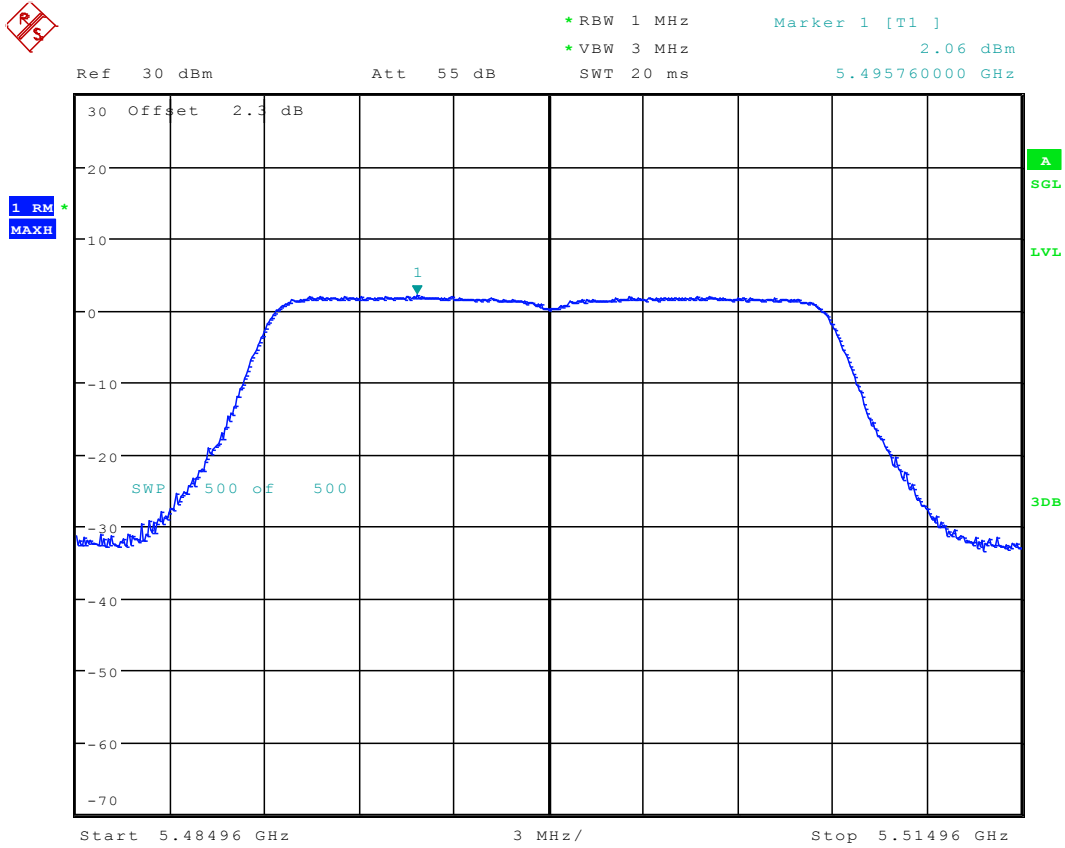
Date: 7.JUL.2016 18:58:54

10.12 11N20_64 Ant 1



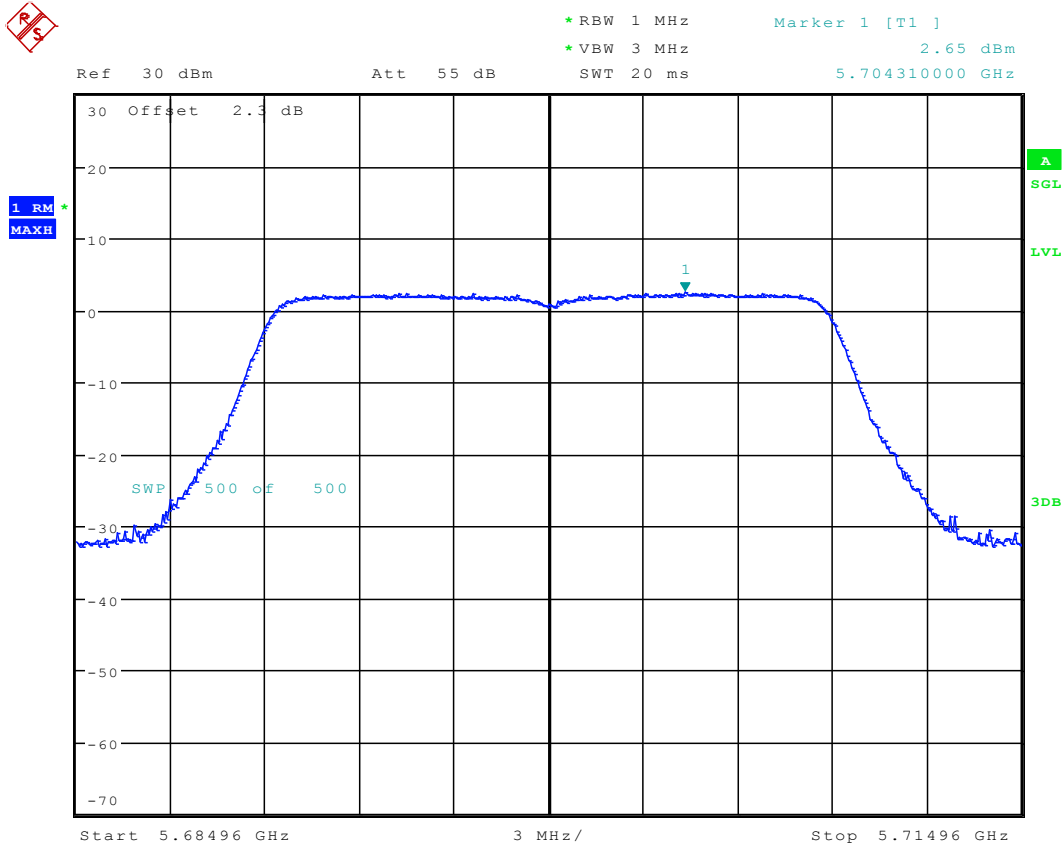
Date: 7.JUL.2016 19:05:29

10.13 11N20_100 Ant 1



Date: 7.JUL.2016 19:10:42

10.14 11N20_140 Ant 1



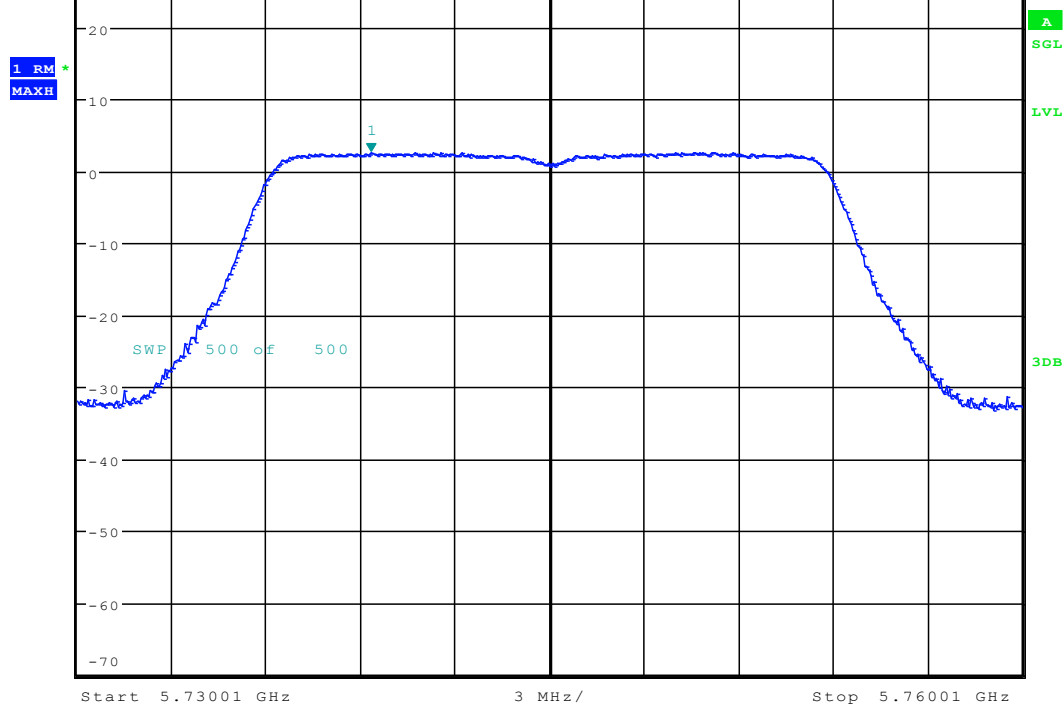
Date: 7.JUL.2016 19:17:10

10.15 11N20_149 Ant 1



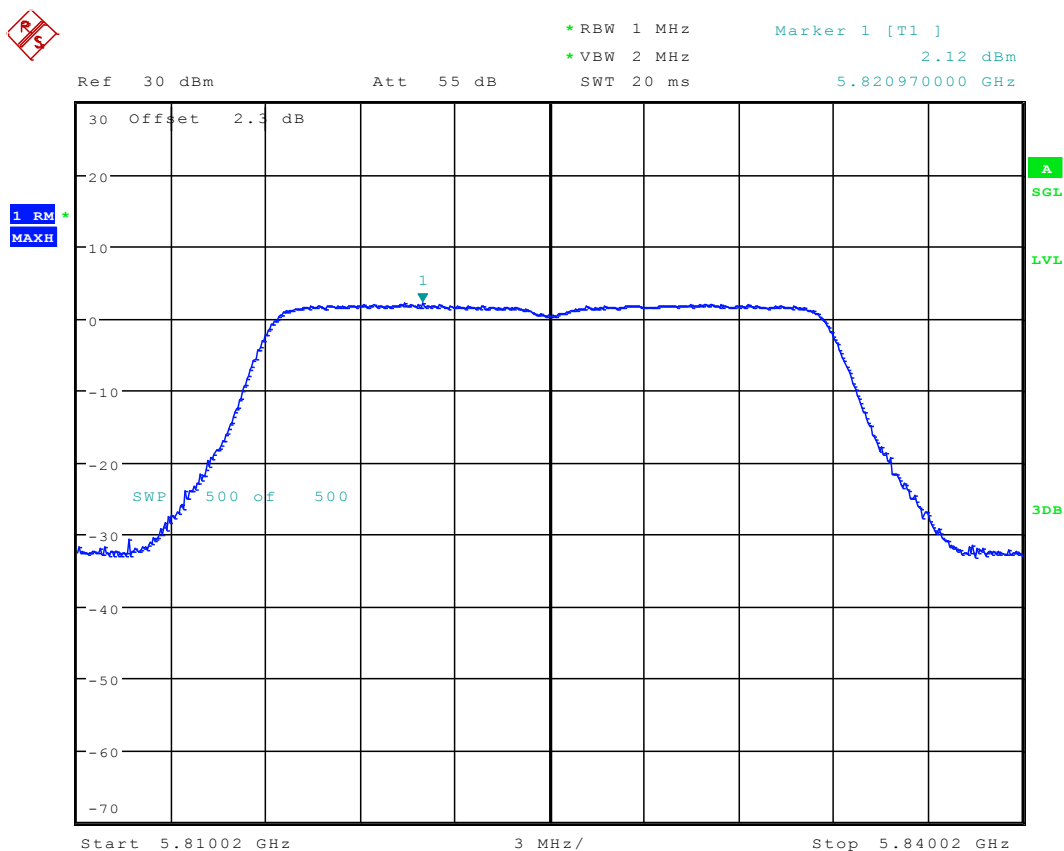
* RBW 1 MHz
 * VBW 2 MHz
 Marker 1 [T1]
 2.68 dBm
 5.739360000 GHz

Ref 30 dBm Att 55 dB SWT 20 ms



Date: 7.JUL.2016 19:23:12

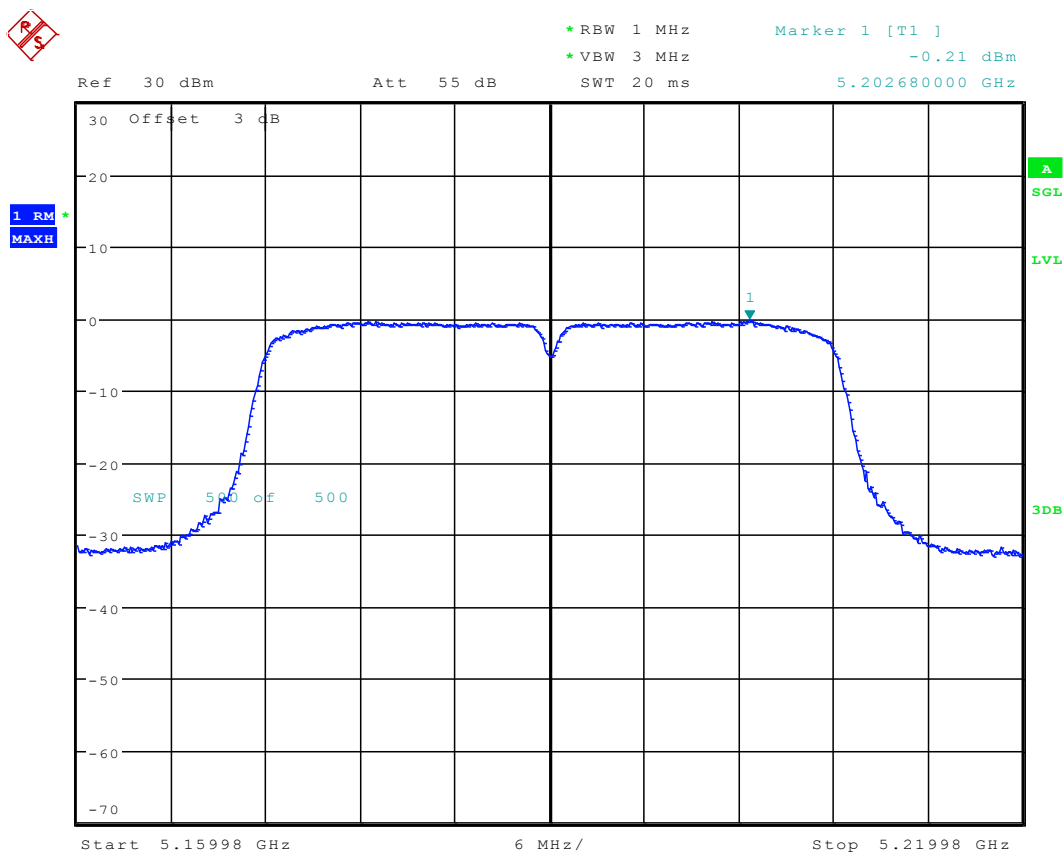
10.16 11N20_165 Ant 1



Date: 7.JUL.2016 19:28:40

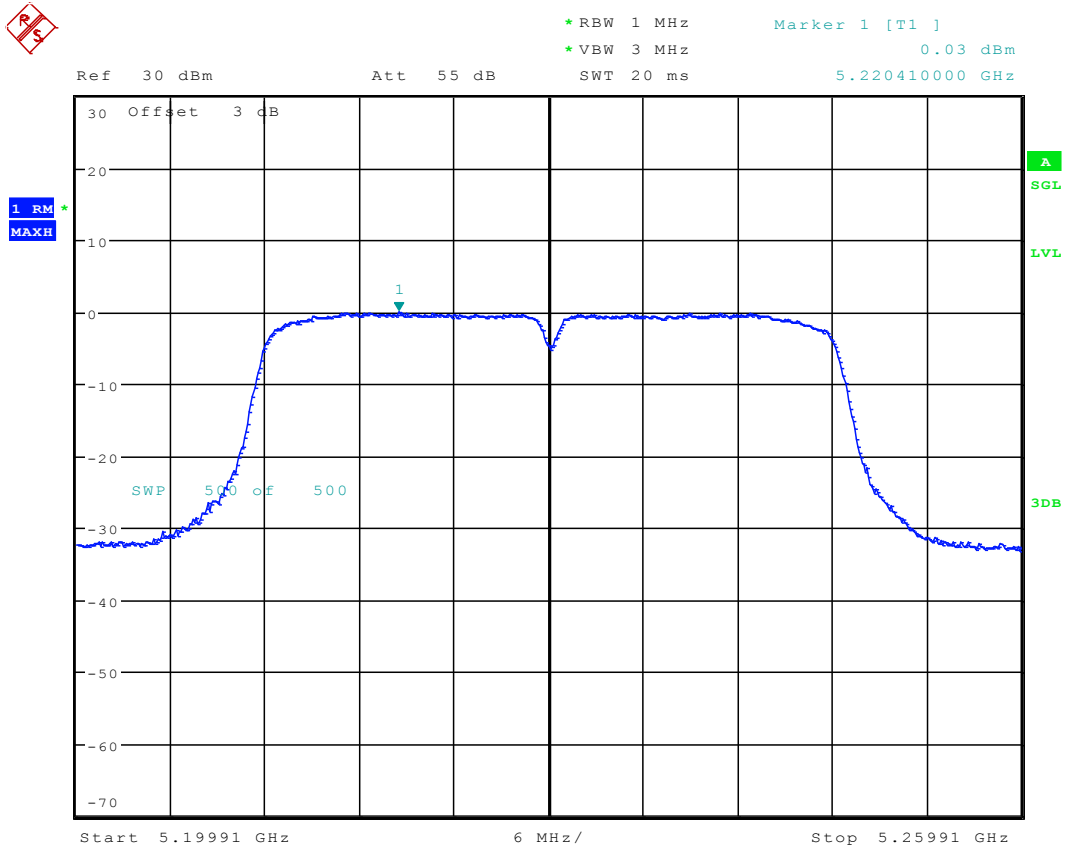


10.17 11N40_38 Ant 1



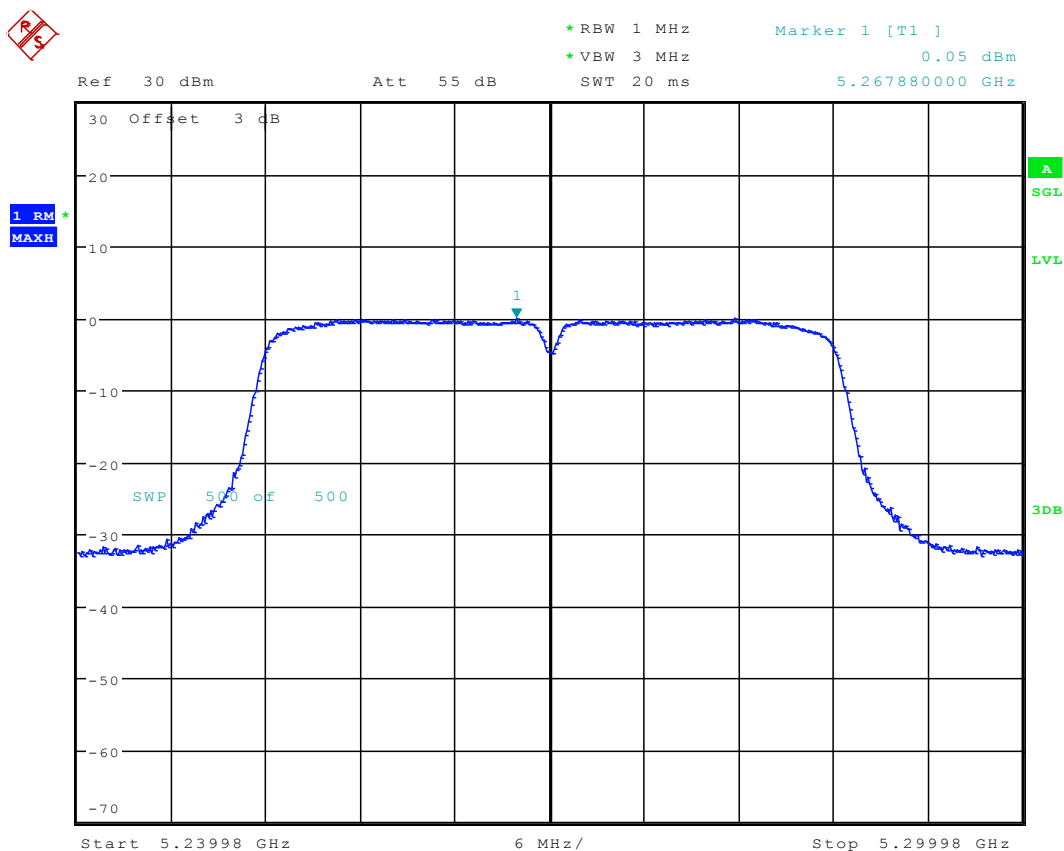
Date: 8.JUL.2016 11:26:14

10.18 11N40_46 Ant 1



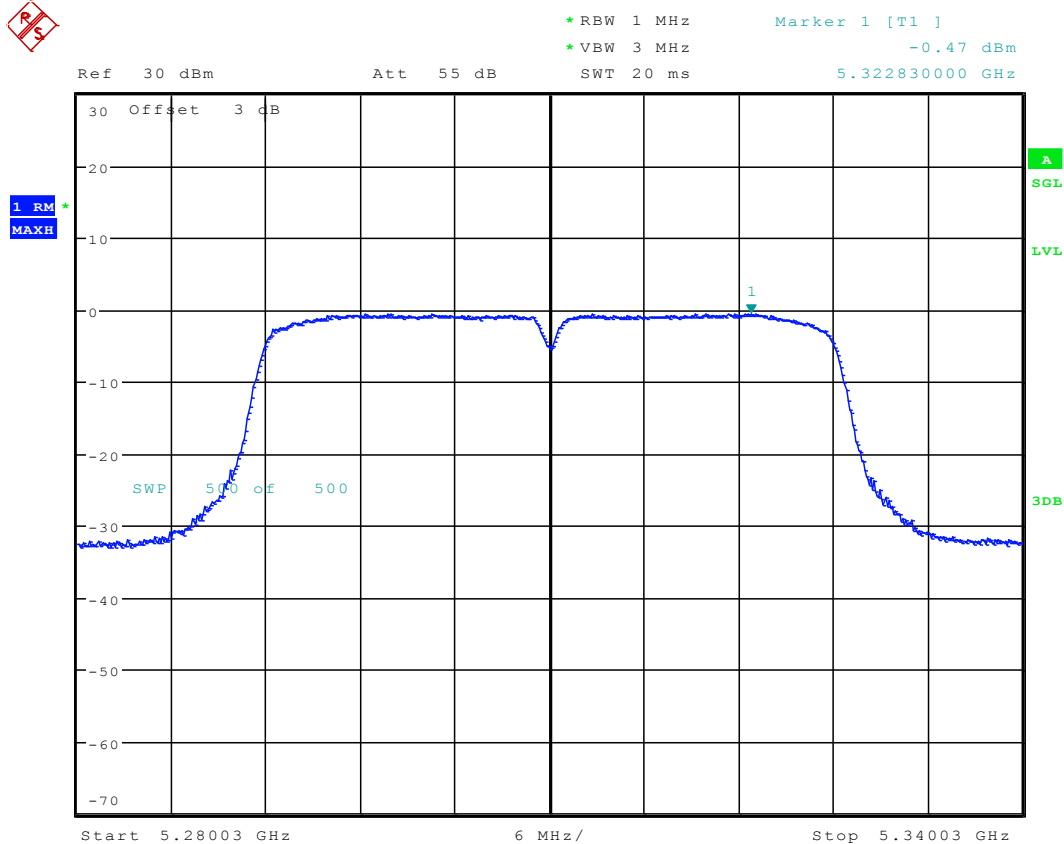
Date: 8.JUL.2016 11:47:43

10.19 11N40_54 Ant 1



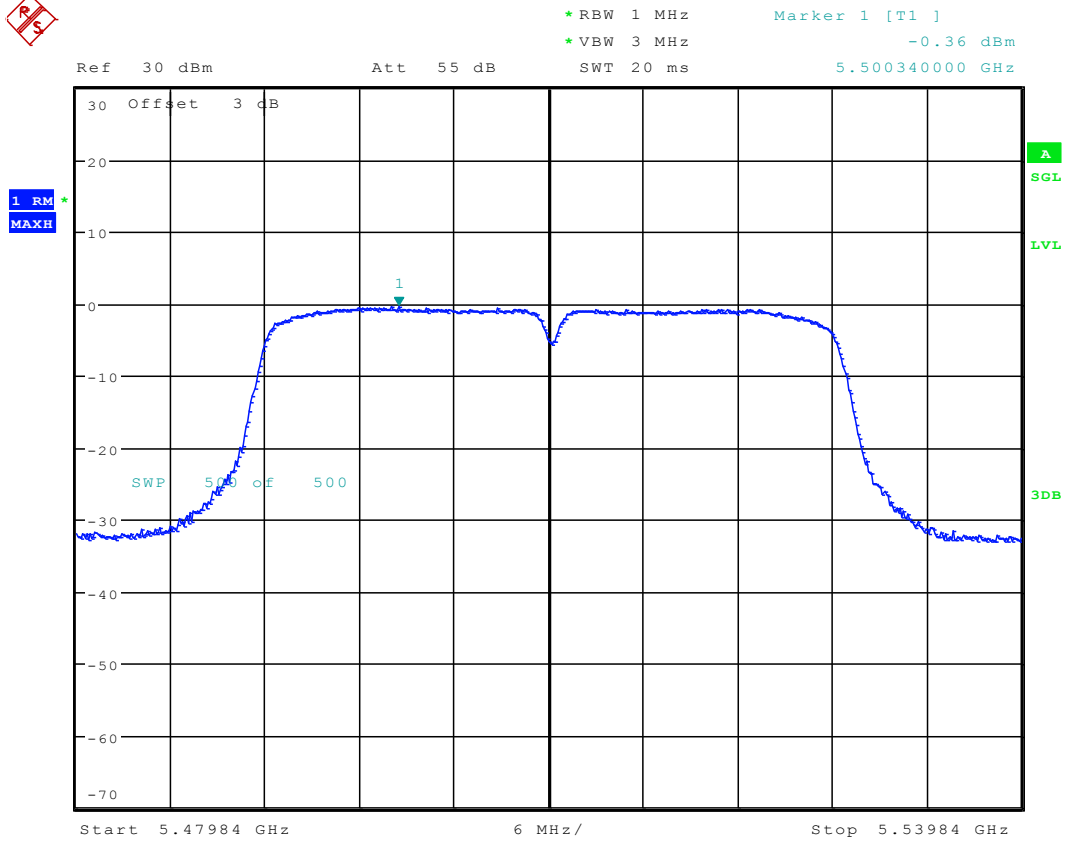
Date: 8.JUL.2016 11:55:06

10.20 11N40_62 Ant 1



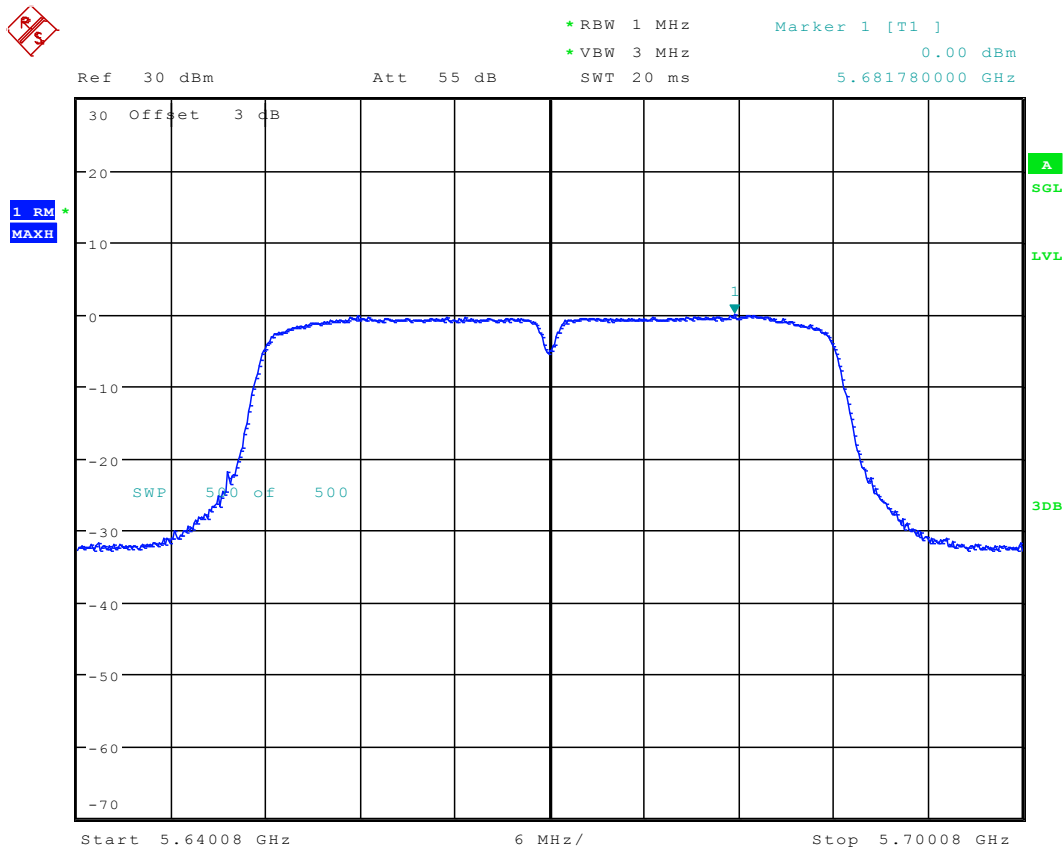
Date: 8.JUL.2016 12:16:22

10.21 11N40_102 Ant 1



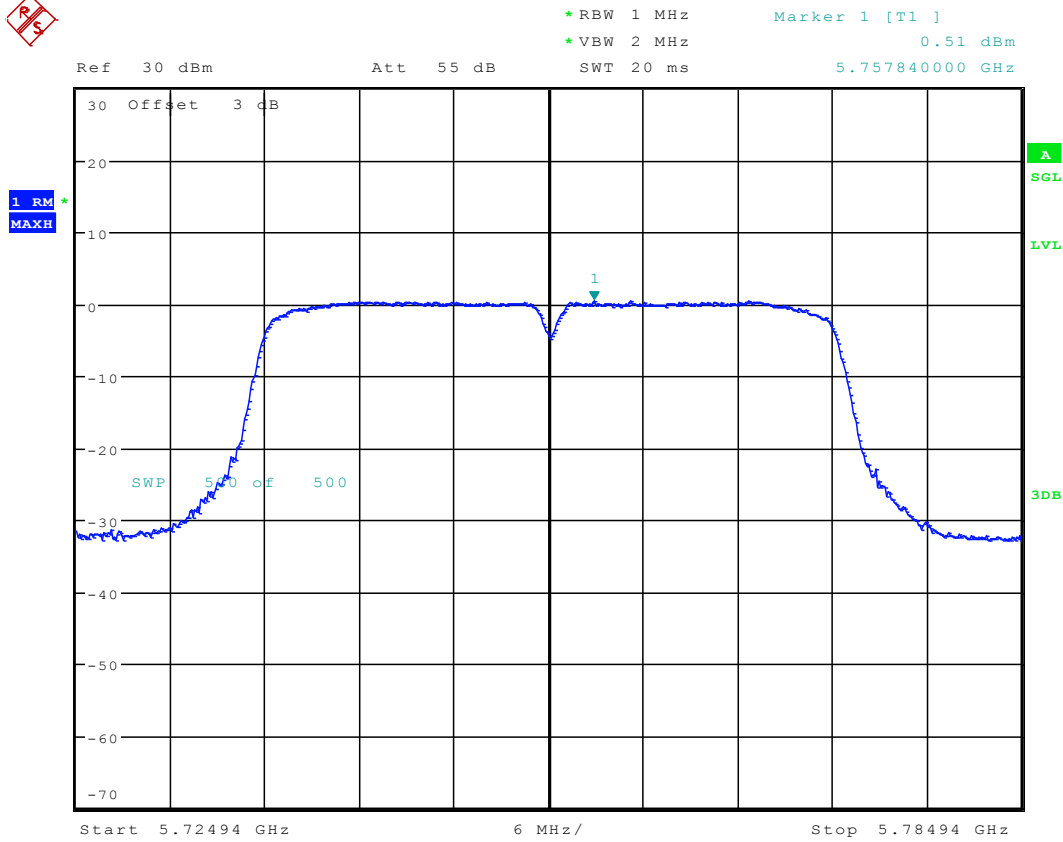
Date: 8.JUL.2016 12:23:57

10.22 11N40_134 Ant 1



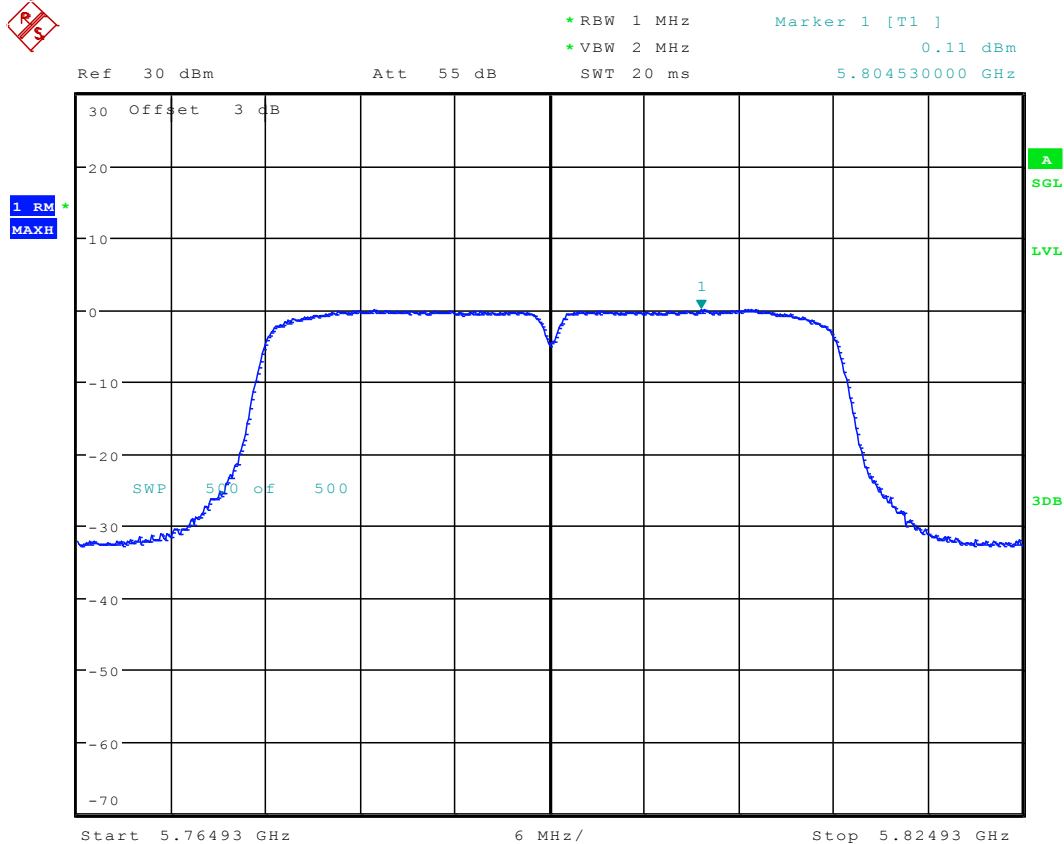
Date: 8.JUL.2016 12:28:02

10.23 11N40_151 Ant 1



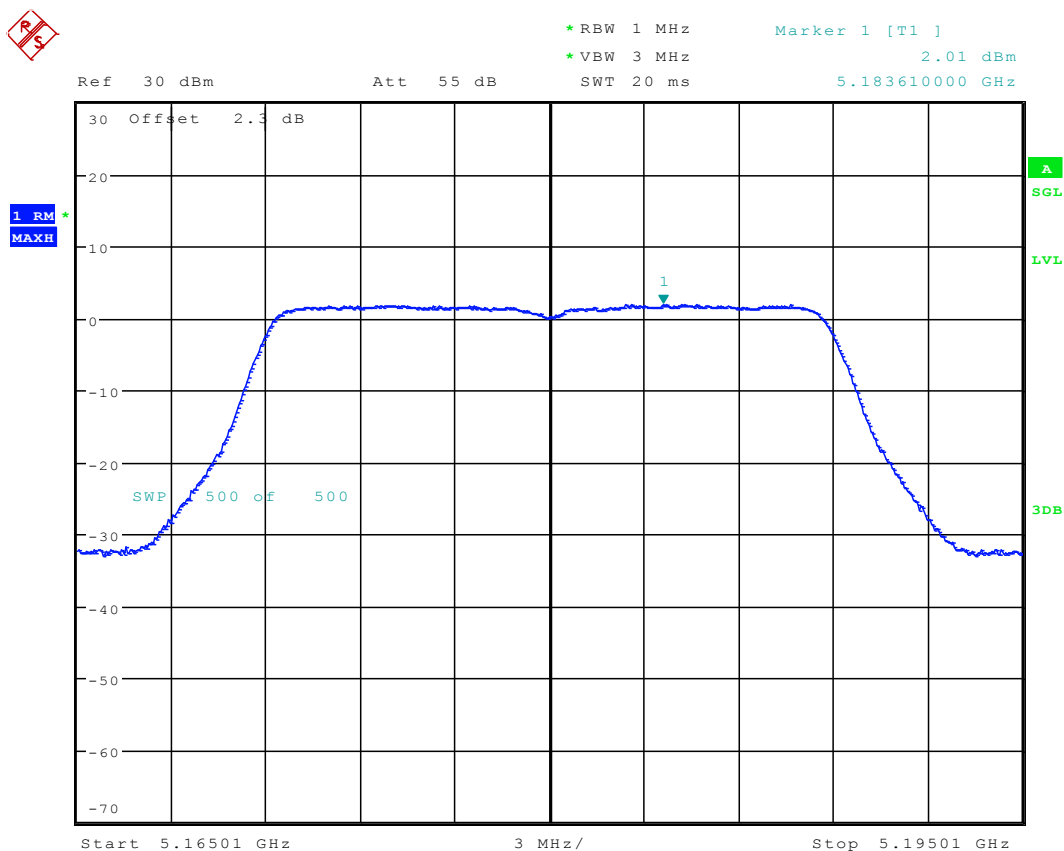
Date: 8.JUL.2016 12:38:54

10.24 11N40_159 Ant 1



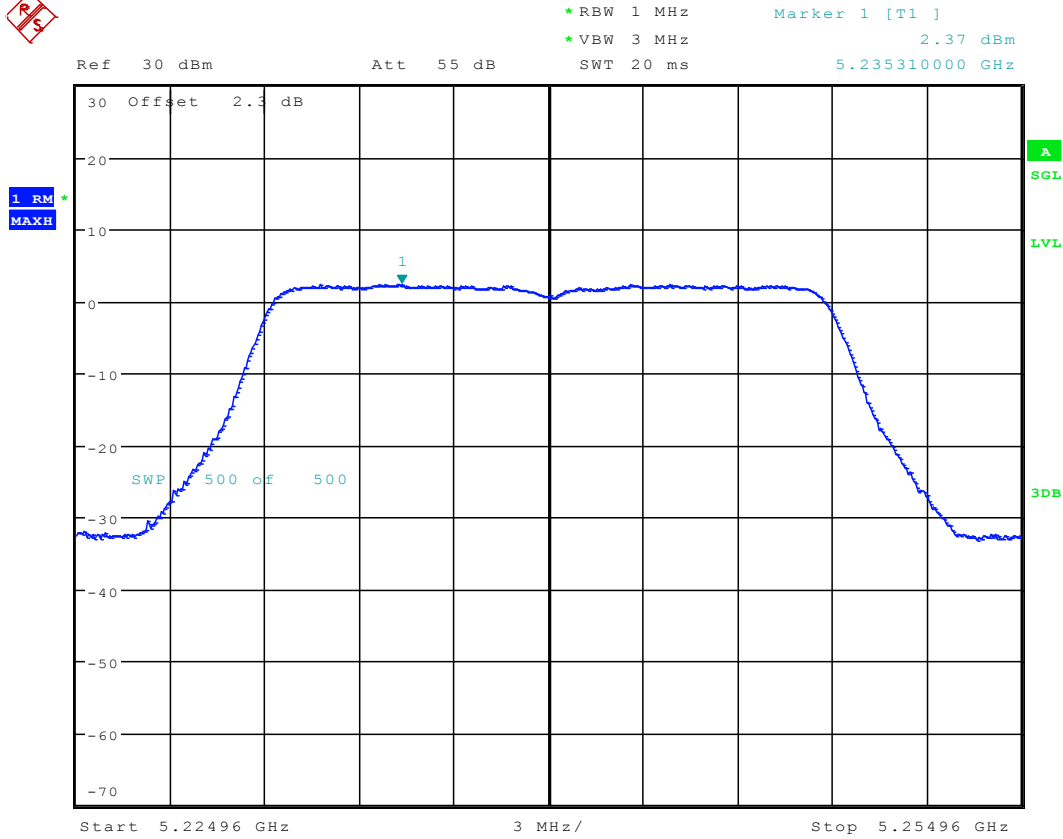
Date: 8.JUL.2016 12:45:06

10.25 11AC20_36 Ant 1



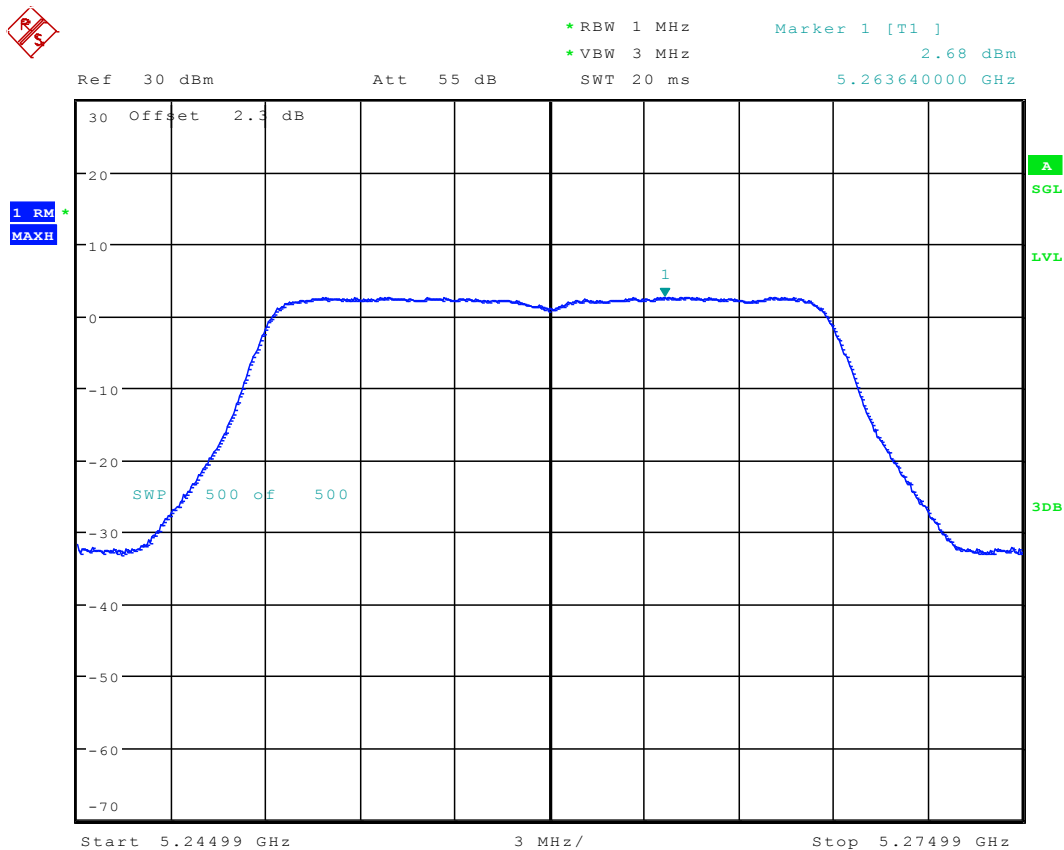
Date: 8.JUL.2016 12:52:28

10.26 11AC20_48 Ant 1



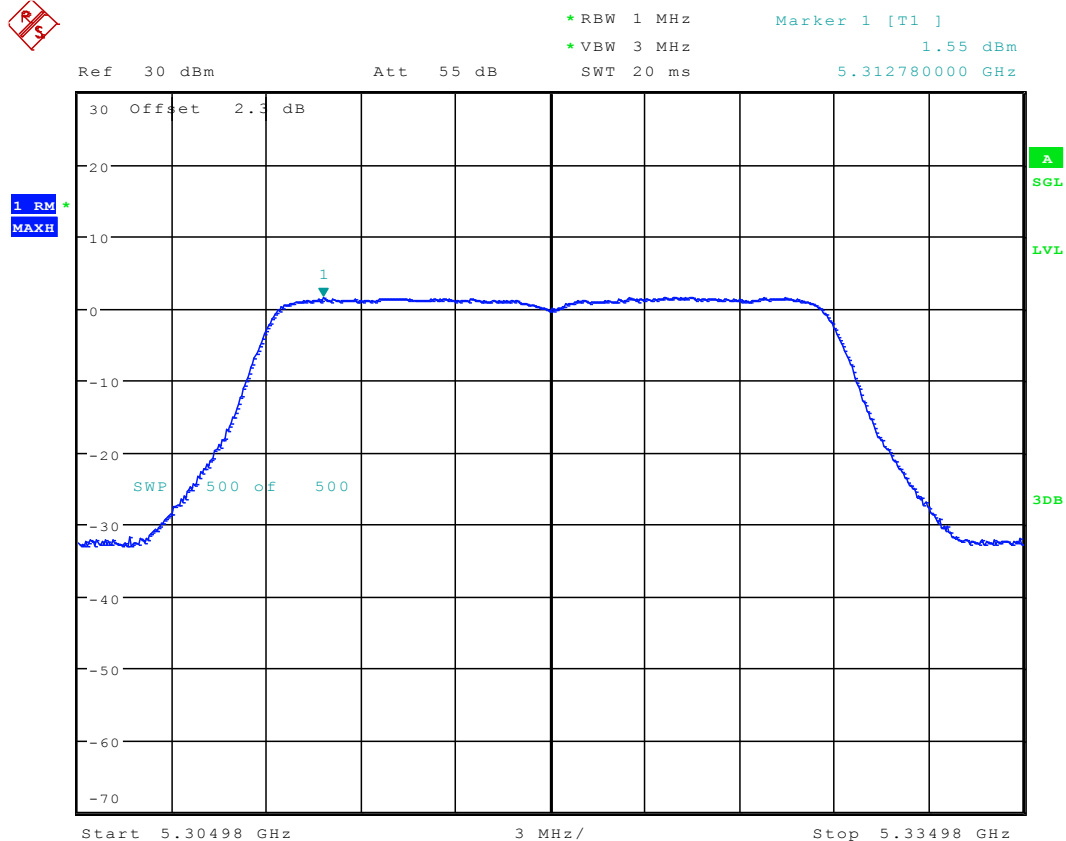
Date: 8.JUL.2016 12:57:59

10.27 11AC20_52 Ant 1



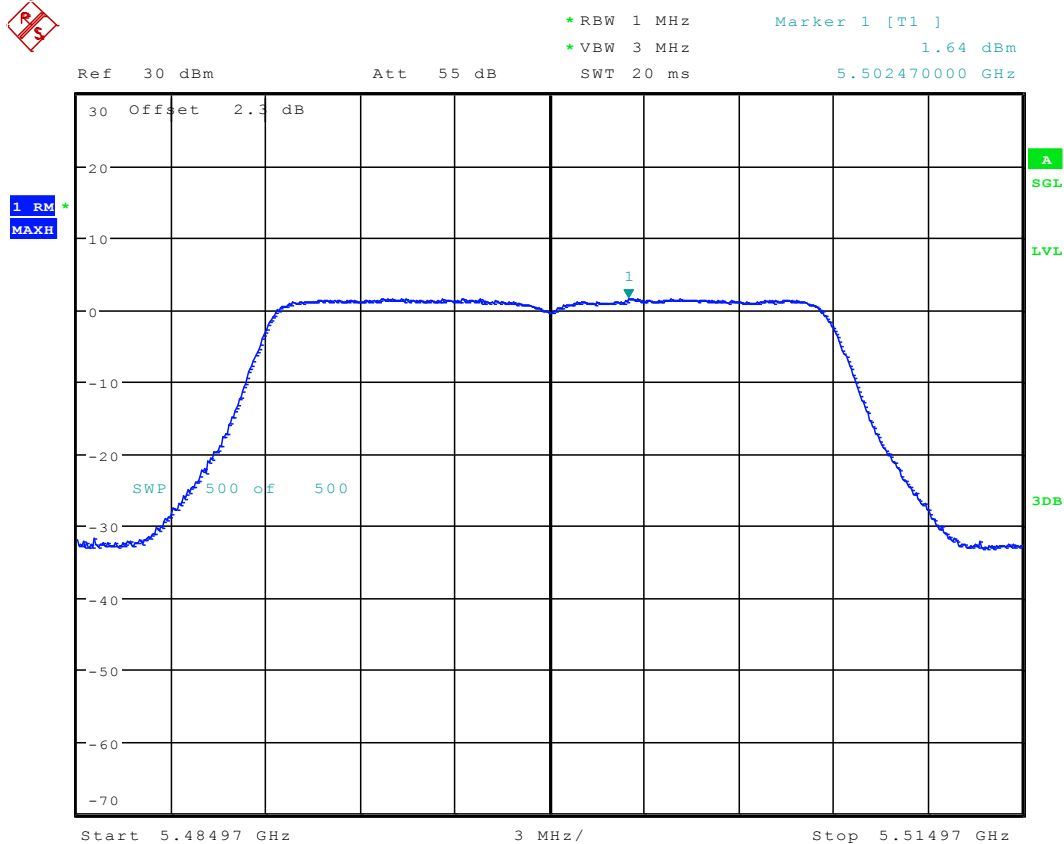
Date: 8.JUL.2016 13:04:23

10.28 11AC20_64 Ant 1



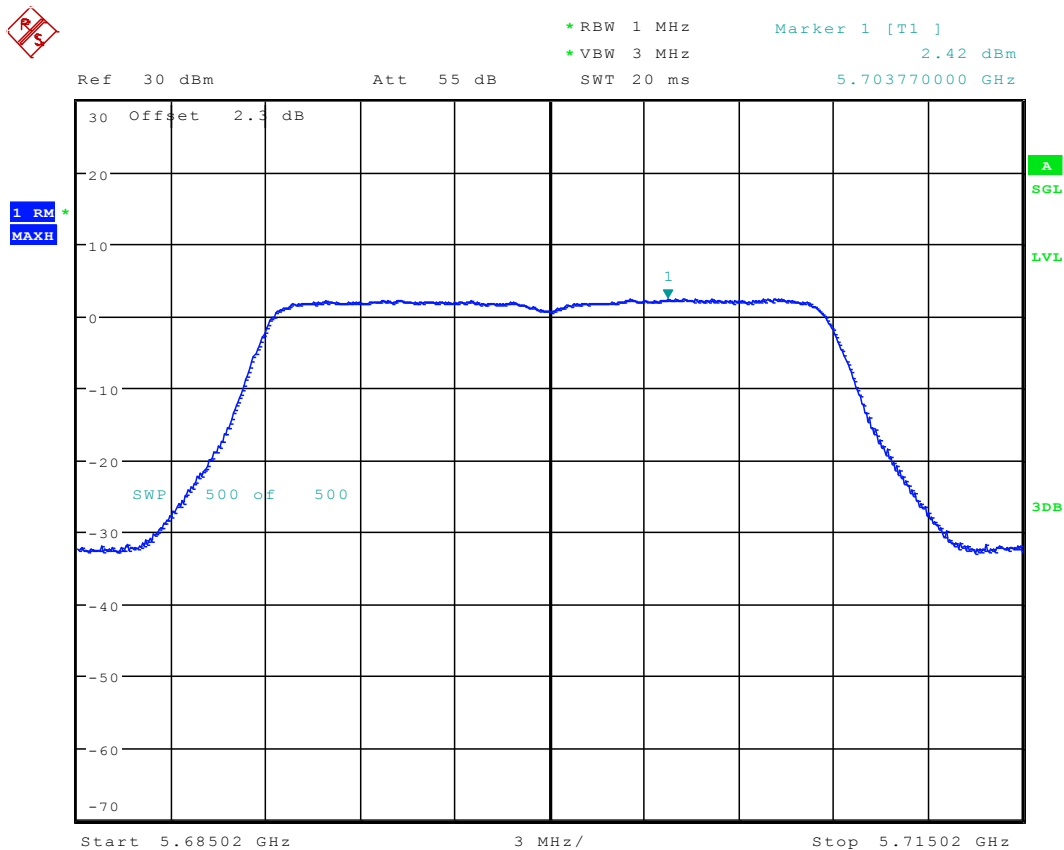
Date: 8.JUL.2016 13:29:25

10.29 11AC20_100 Ant 1



Date: 8.JUL.2016 13:34:28

10.30 11AC20_140 Ant 1



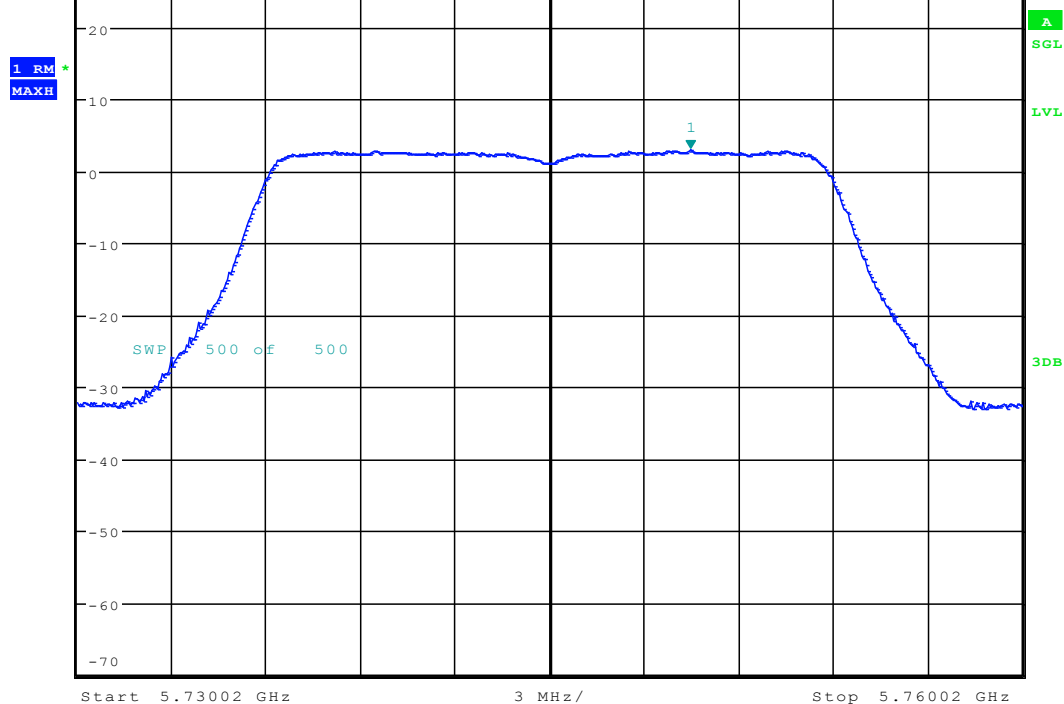
Date: 8.JUL.2016 13:39:12

10.31 11AC20_149 Ant 1



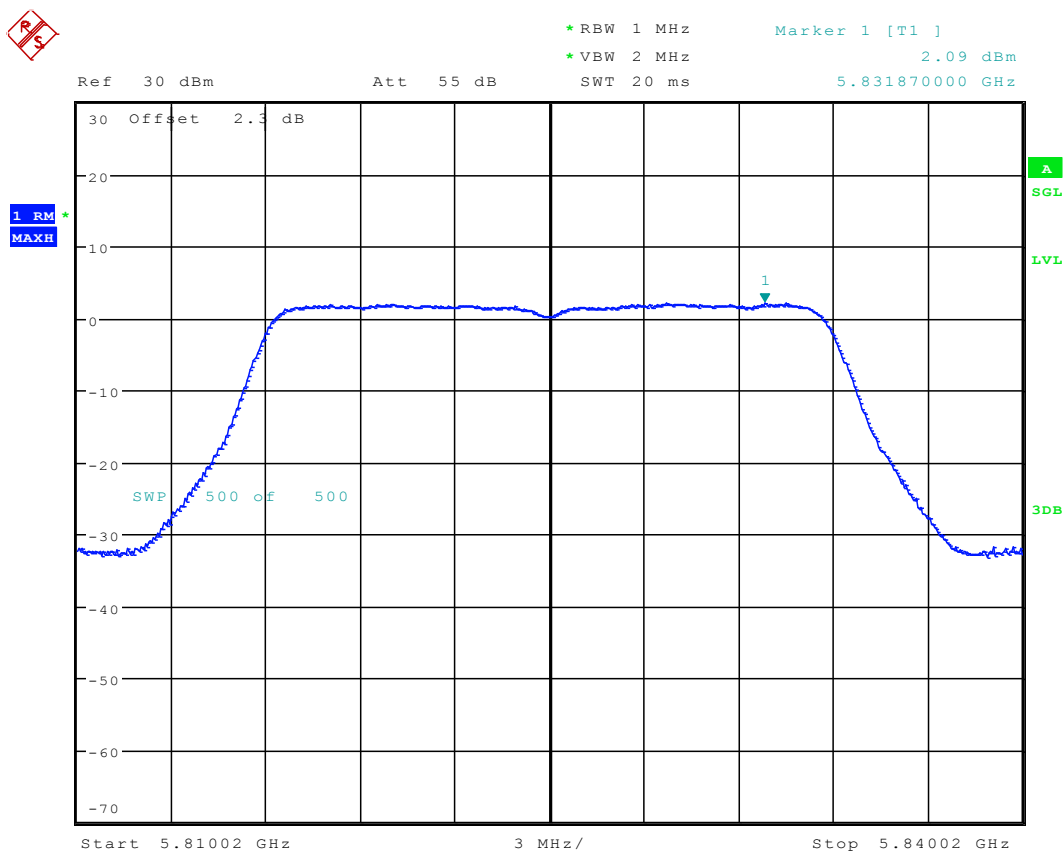
* RBW 1 MHz
 * VBW 2 MHz
 Marker 1 [T1]
 2.96 dBm
 5.749470000 GHz

Ref 30 dBm Att 55 dB SWT 20 ms



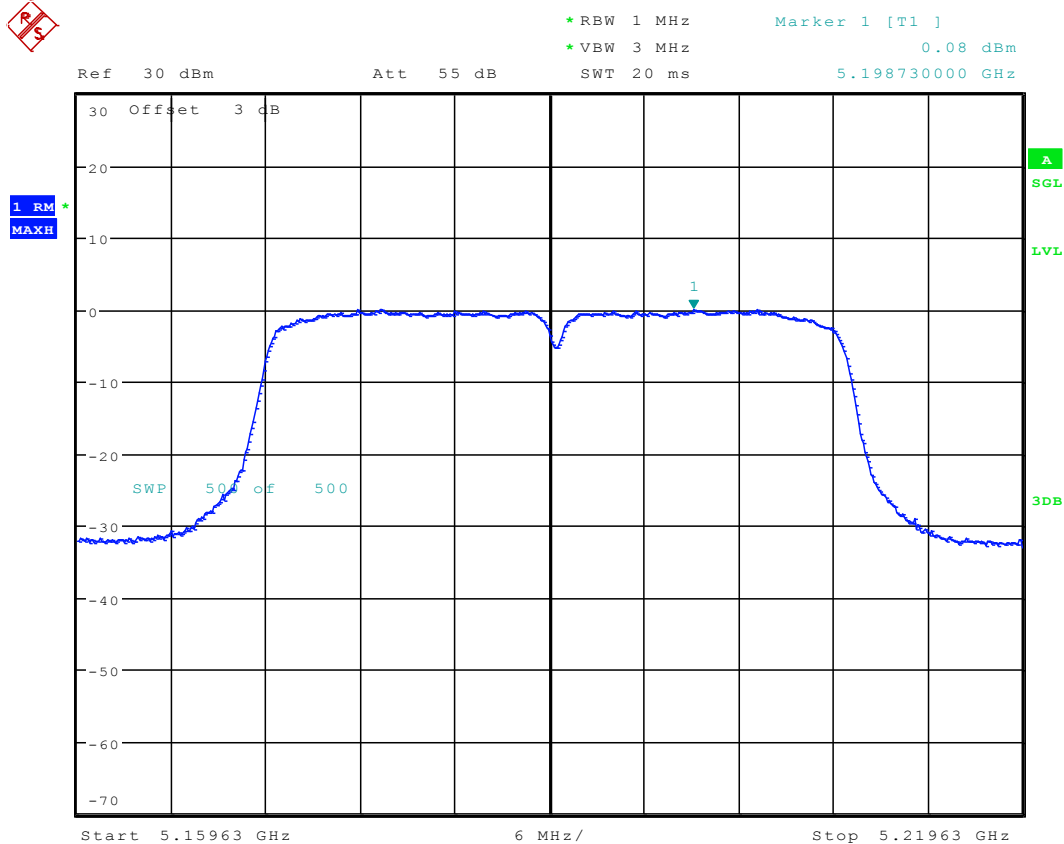
Date: 8.JUL.2016 15:34:39

10.32 11AC20_165 Ant 1



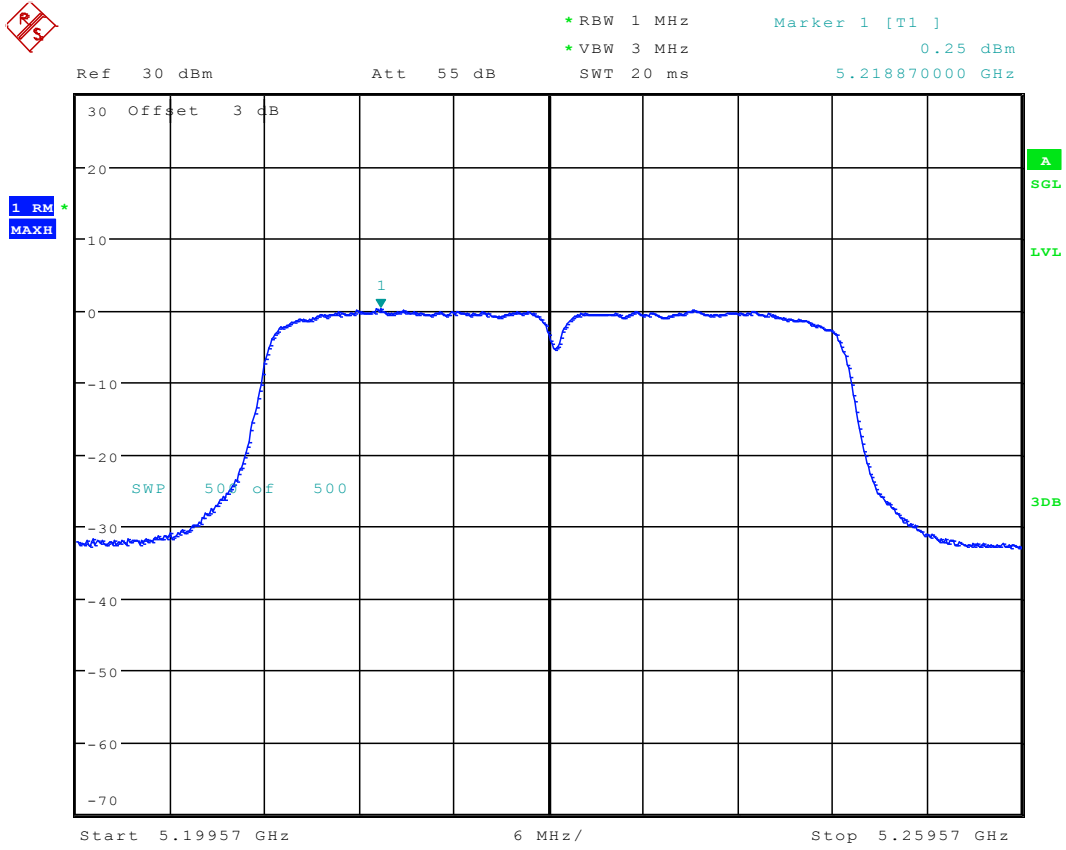
Date: 8.JUL.2016 15:53:29

10.33 11AC40_38 Ant 1



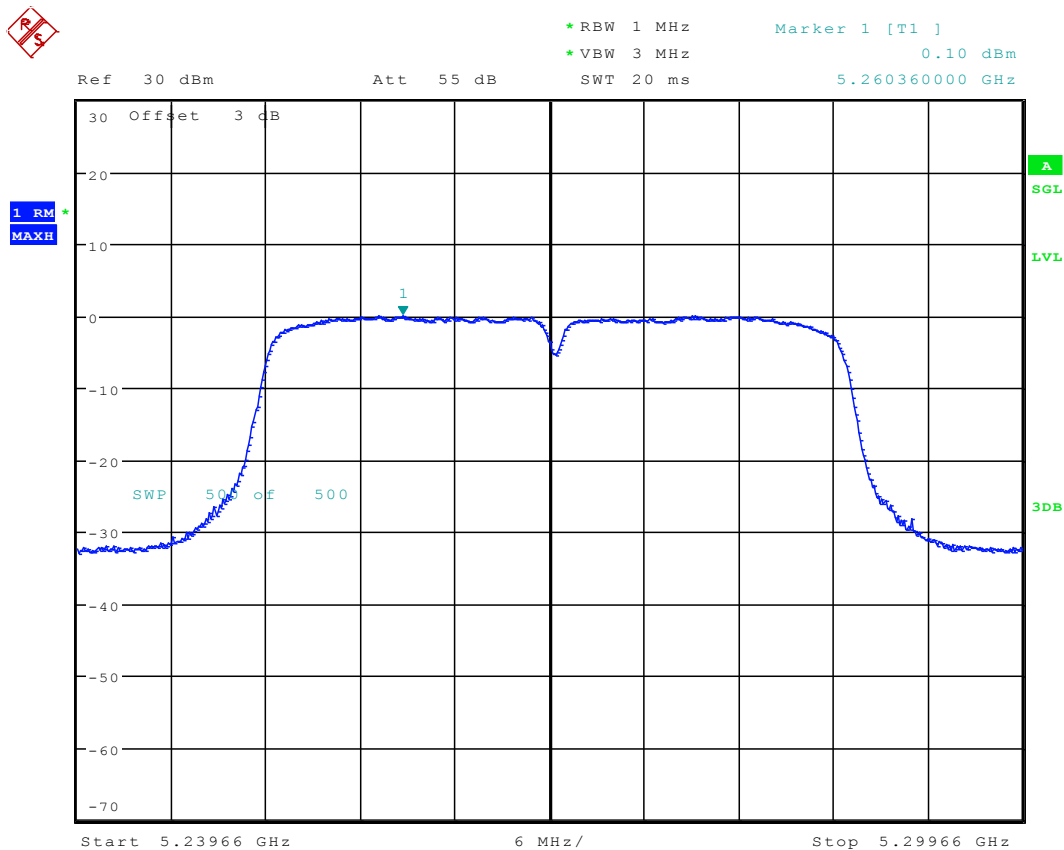
Date: 8.JUL.2016 16:28:40

10.34 11AC40_46 Ant 1



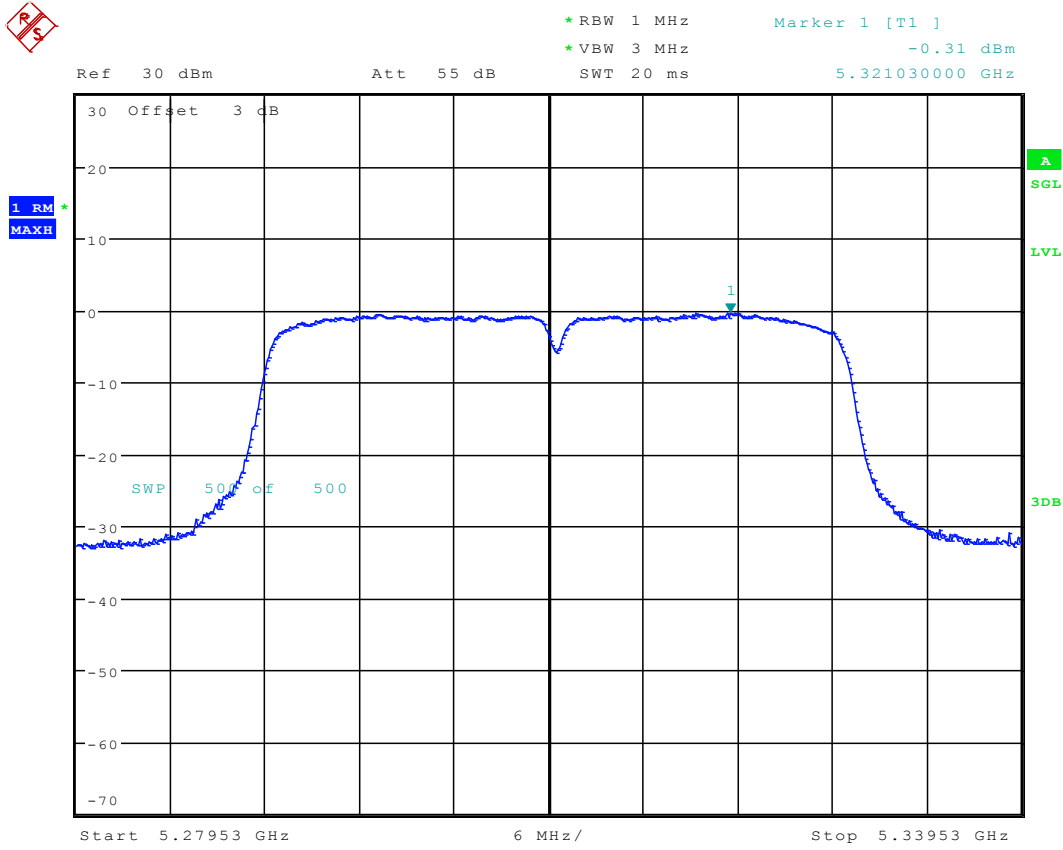
Date: 8.JUL.2016 16:35:23

10.35 11AC40_54 Ant 1



Date: 8.JUL.2016 16:40:37

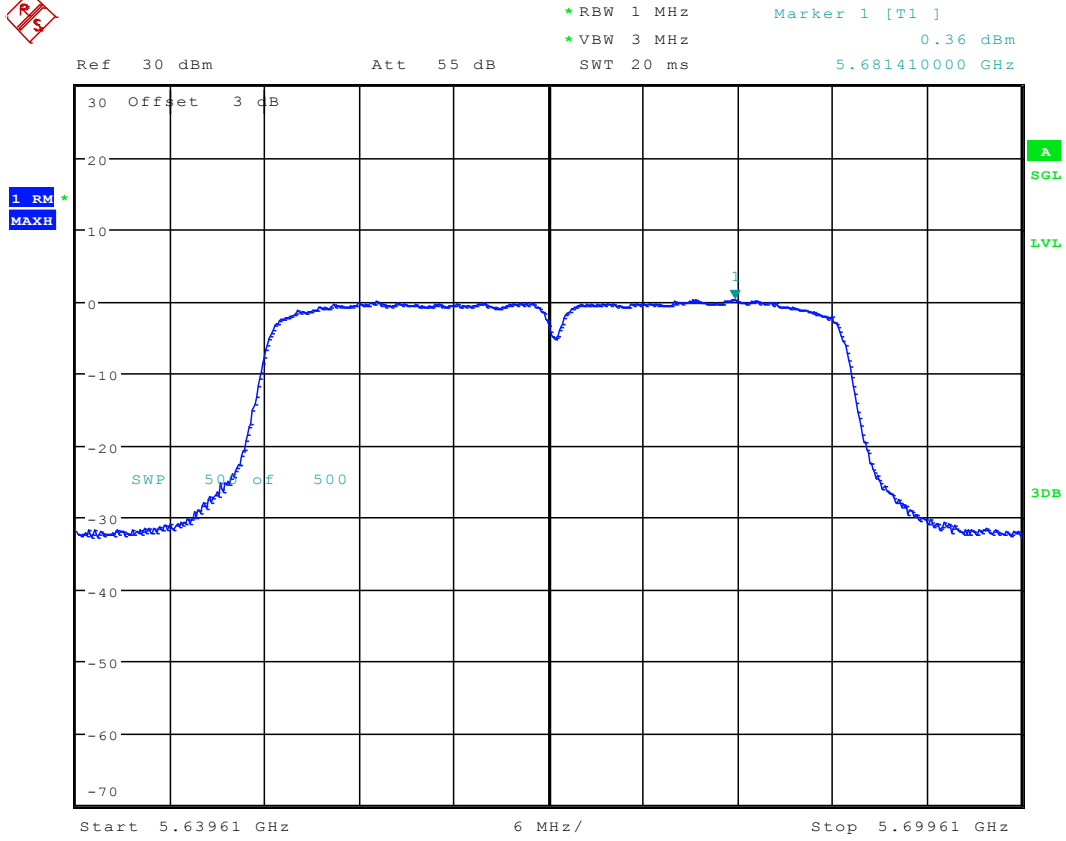
10.36 11AC40_62 Ant 1



Date: 8.JUL.2016 16:47:21

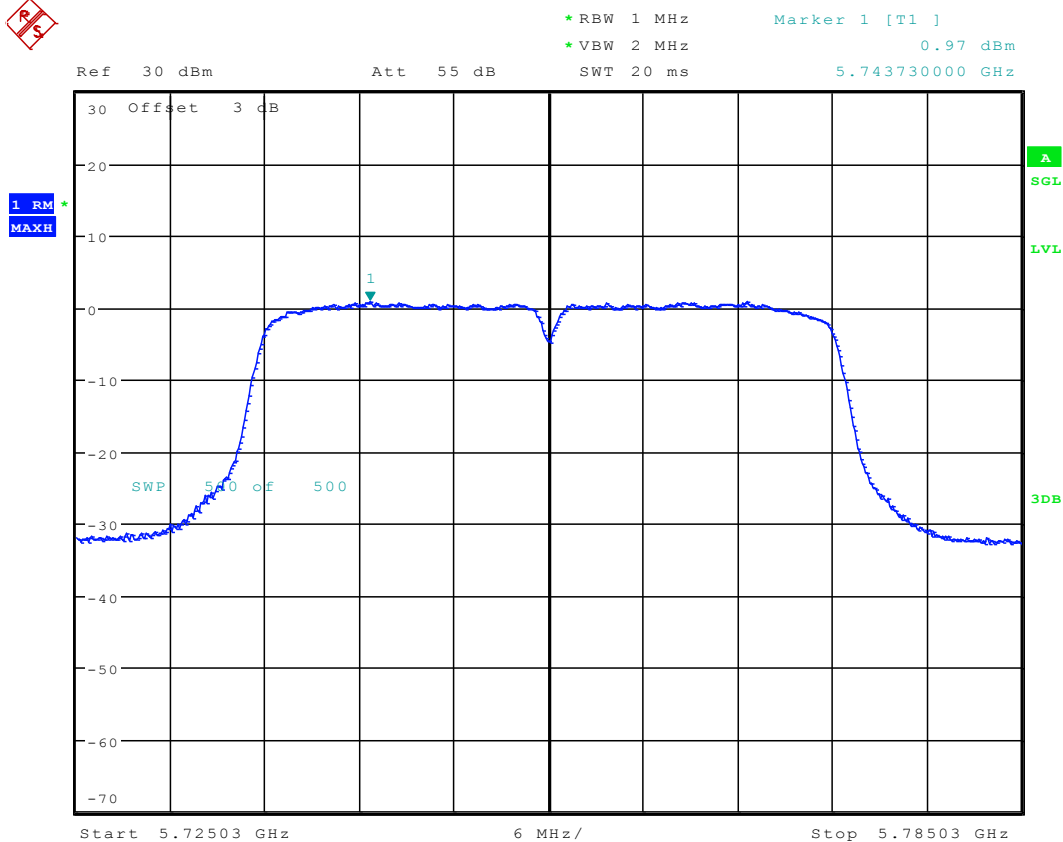


10.38 11AC40_134 Ant 1



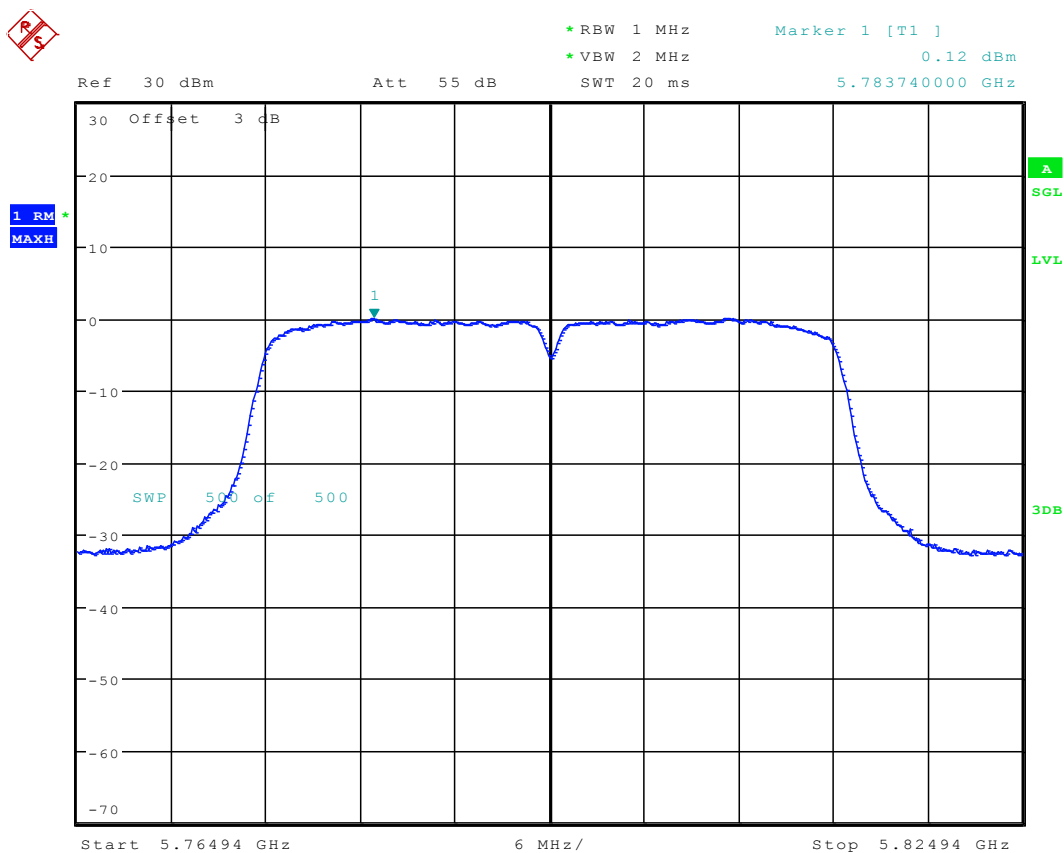
Date: 8.JUL.2016 16:59:30

10.39 11AC40_151 Ant 1



Date: 8.JUL.2016 17:06:02

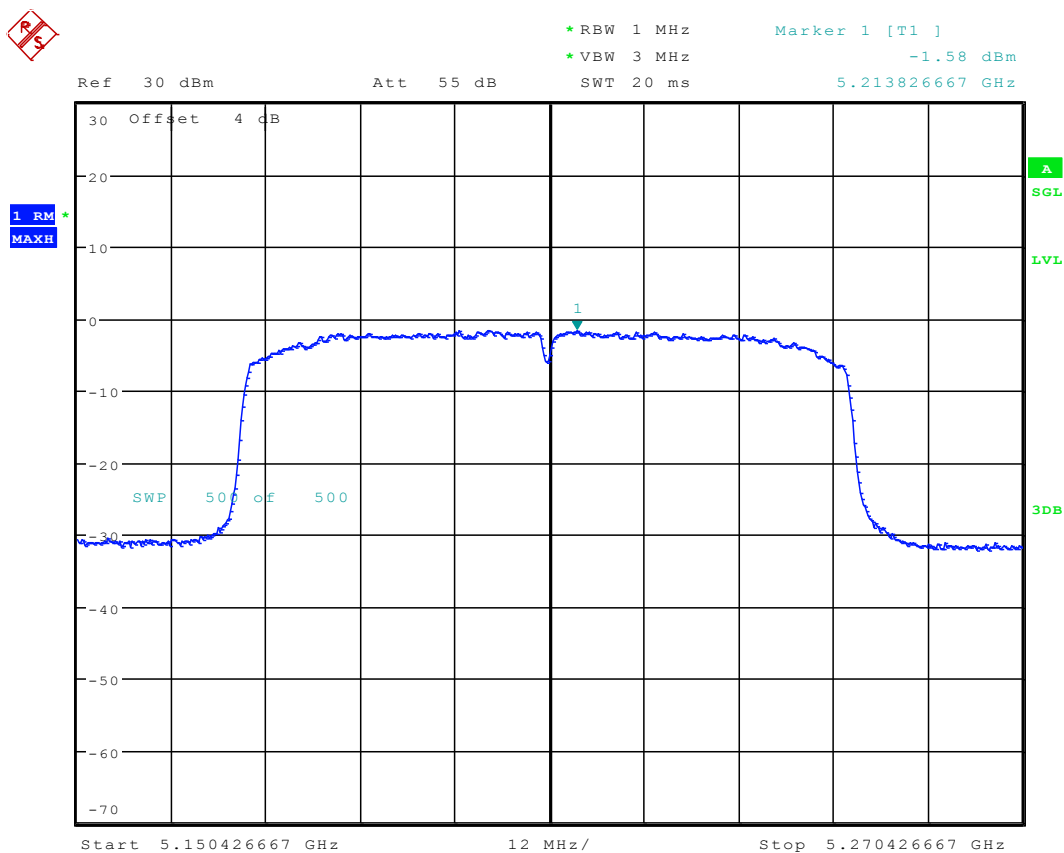
10.40 11AC40_159 Ant 1



Date: 8.JUL.2016 17:23:21

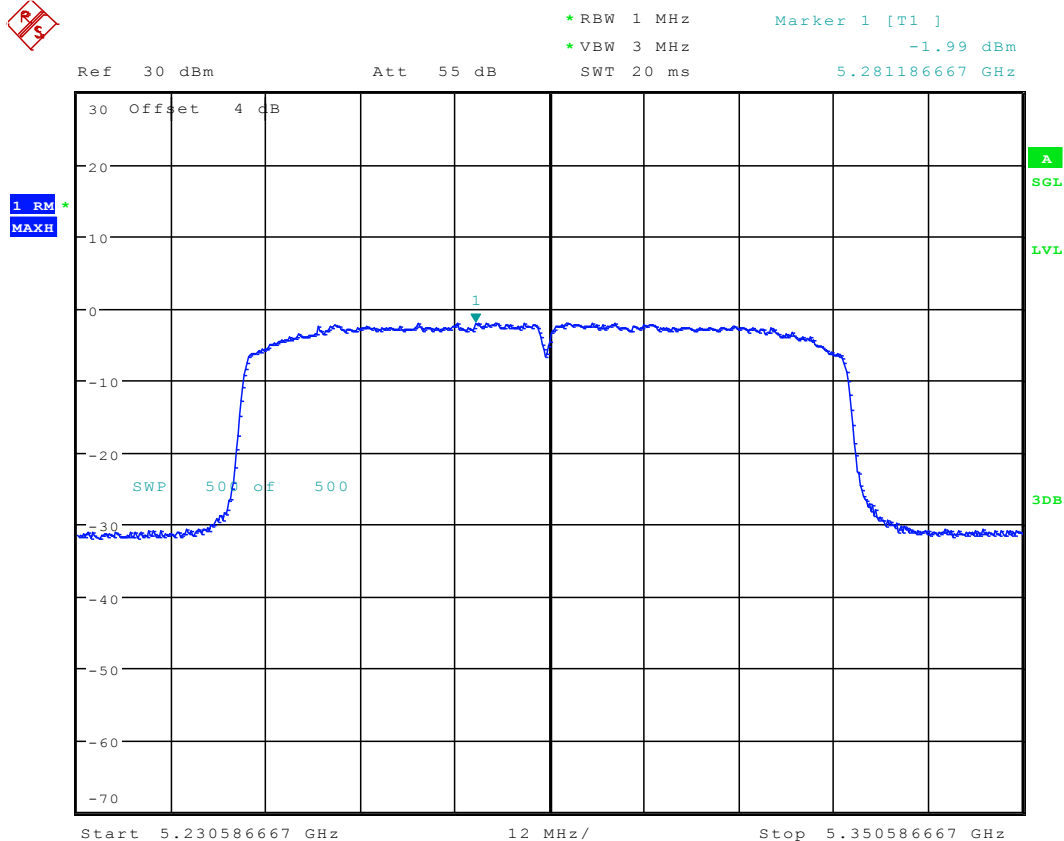


10.41 11AC80_42 Ant 1



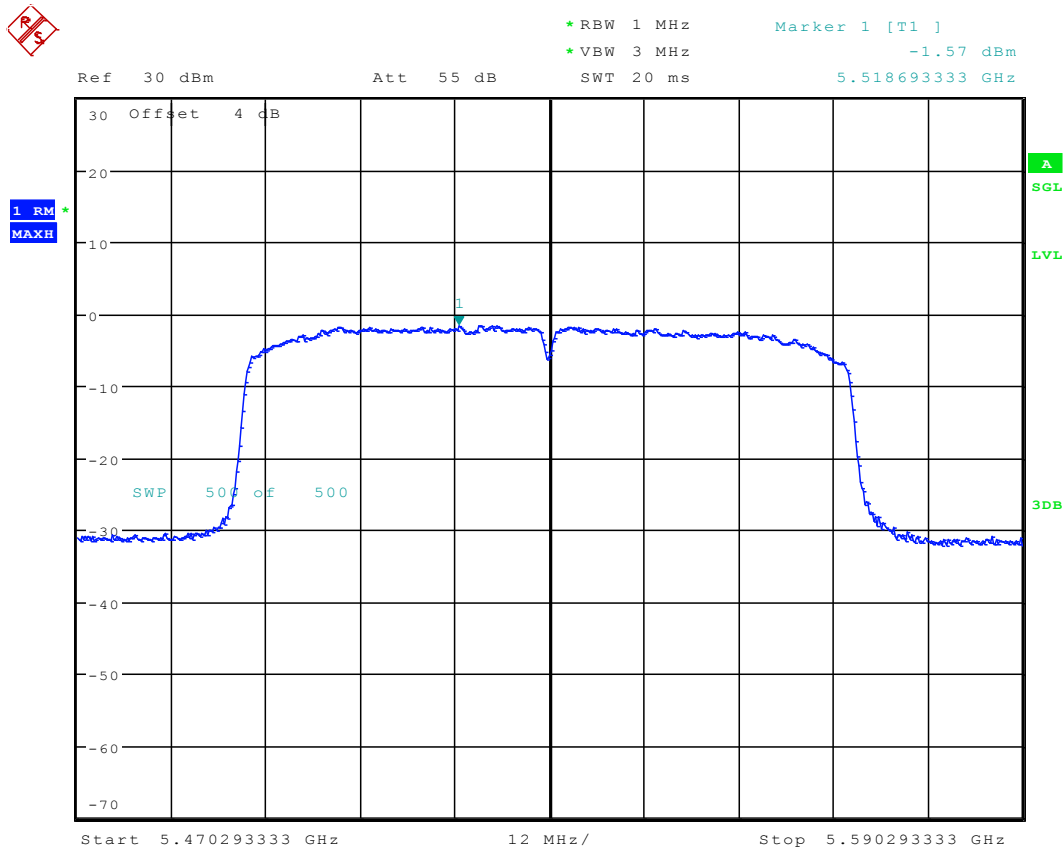
Date: 8.JUL.2016 17:33:21

10.42 11AC80_58 Ant 1



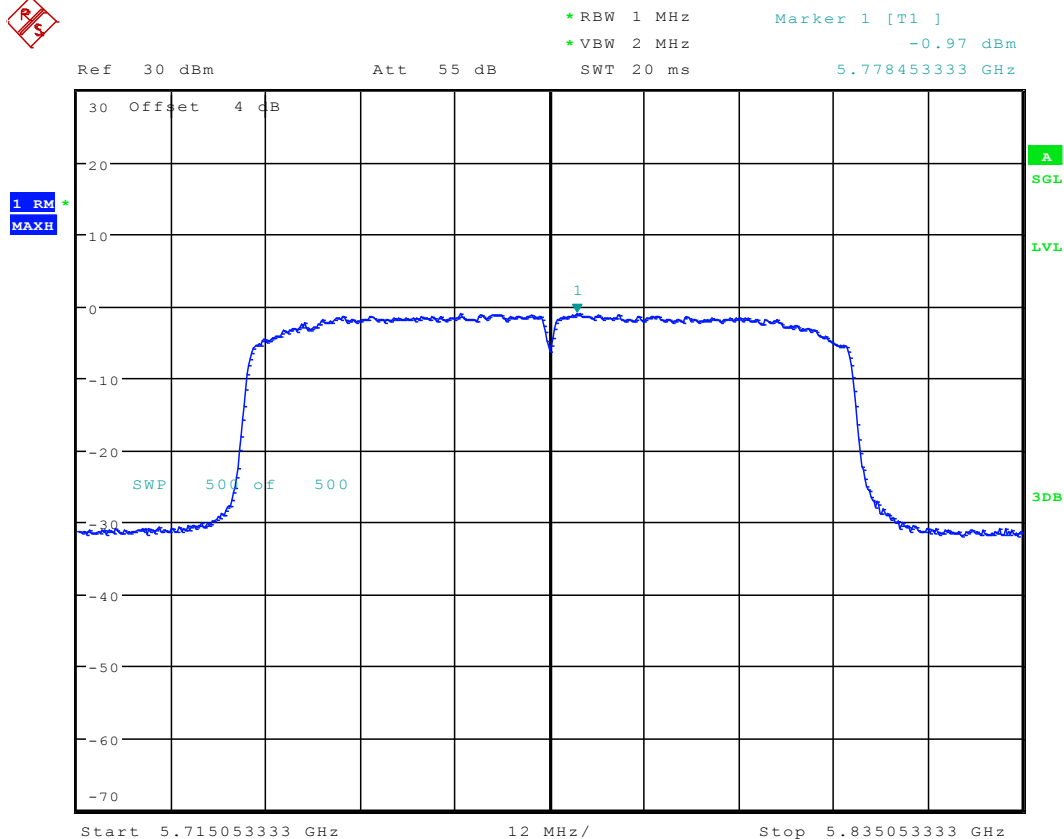
Date: 8.JUL.2016 17:38:41

10.43 11AC80_106 Ant 1



Date: 8.JUL.2016 17:44:45

10.44 11AC80_155 Ant 1



Date: 8.JUL.2016 17:51:59

Appendix F: Unwanted Emissions into Non-Restricted Frequency Bands

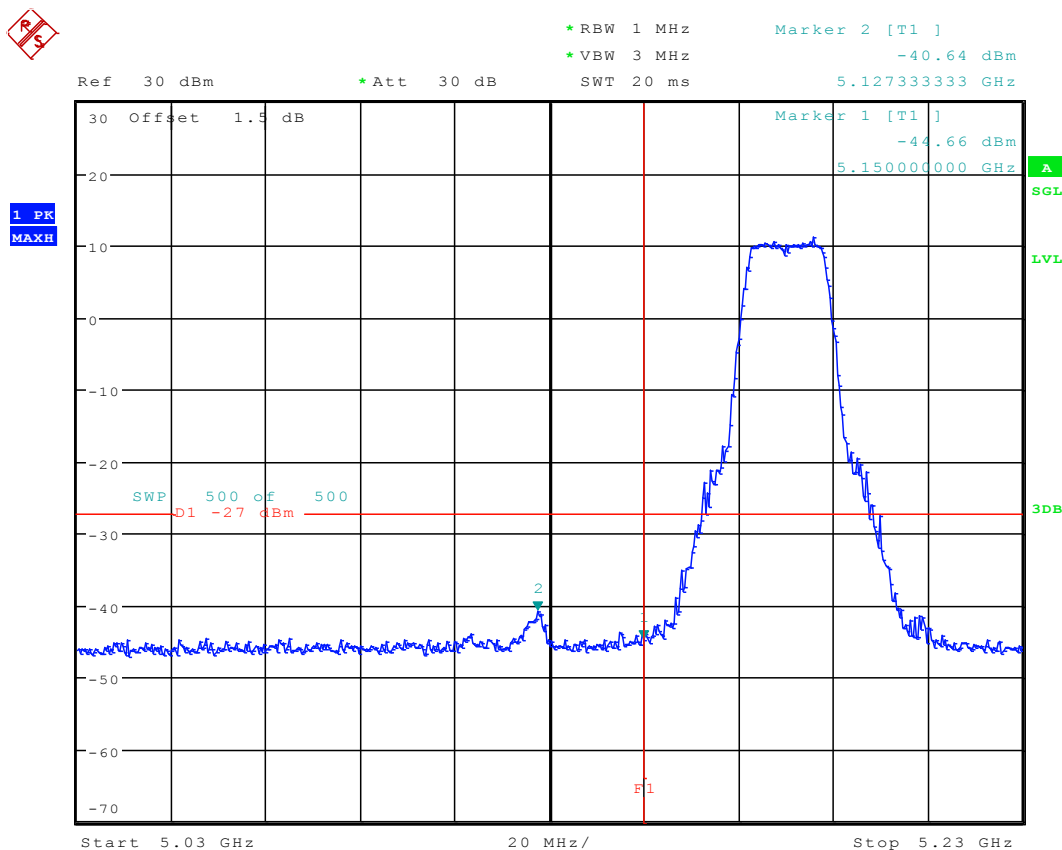


11 Result Table

FCC Part15, Subpart E		
Test Item	Frequency Range	Result
Unwanted Emissions into Non-Restricted Frequency Bands	5150-5250	pass
	5250-5350	pass
	5470-5725	pass
	5725-5825	pass

12 Test Plot

12.1 11A_36 Ant 1

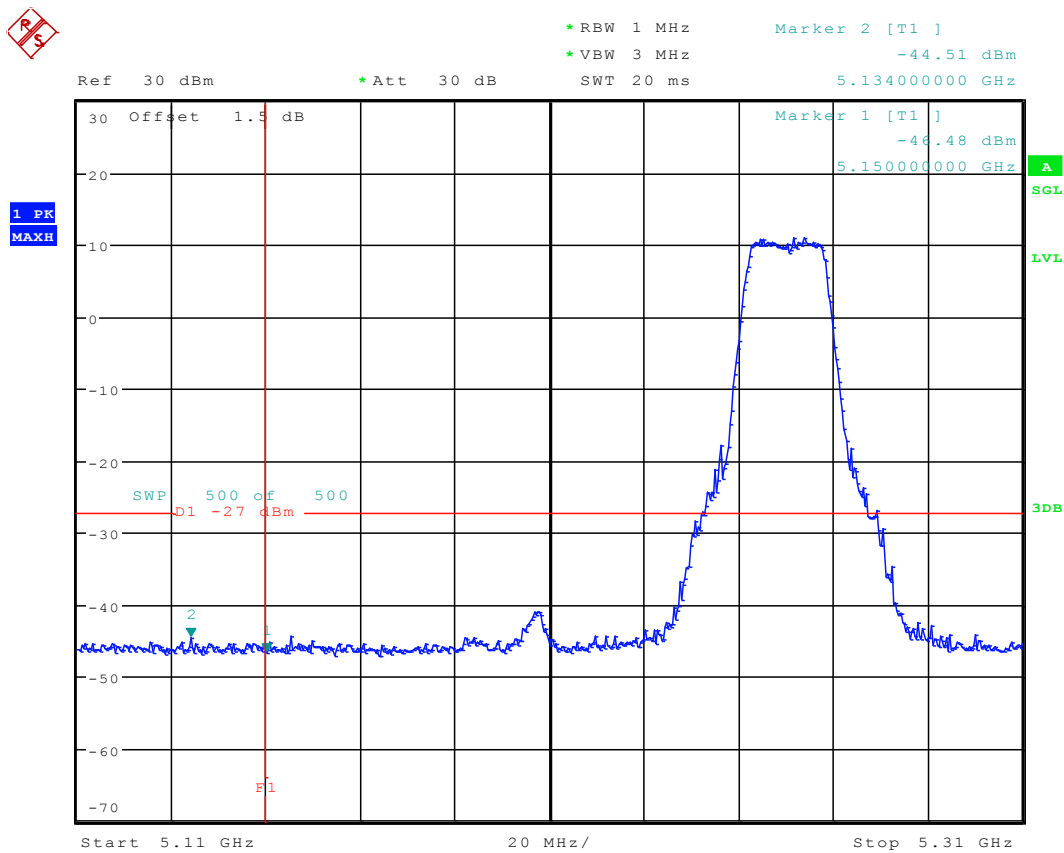


Date: 7.JUL.2016 16:54:17



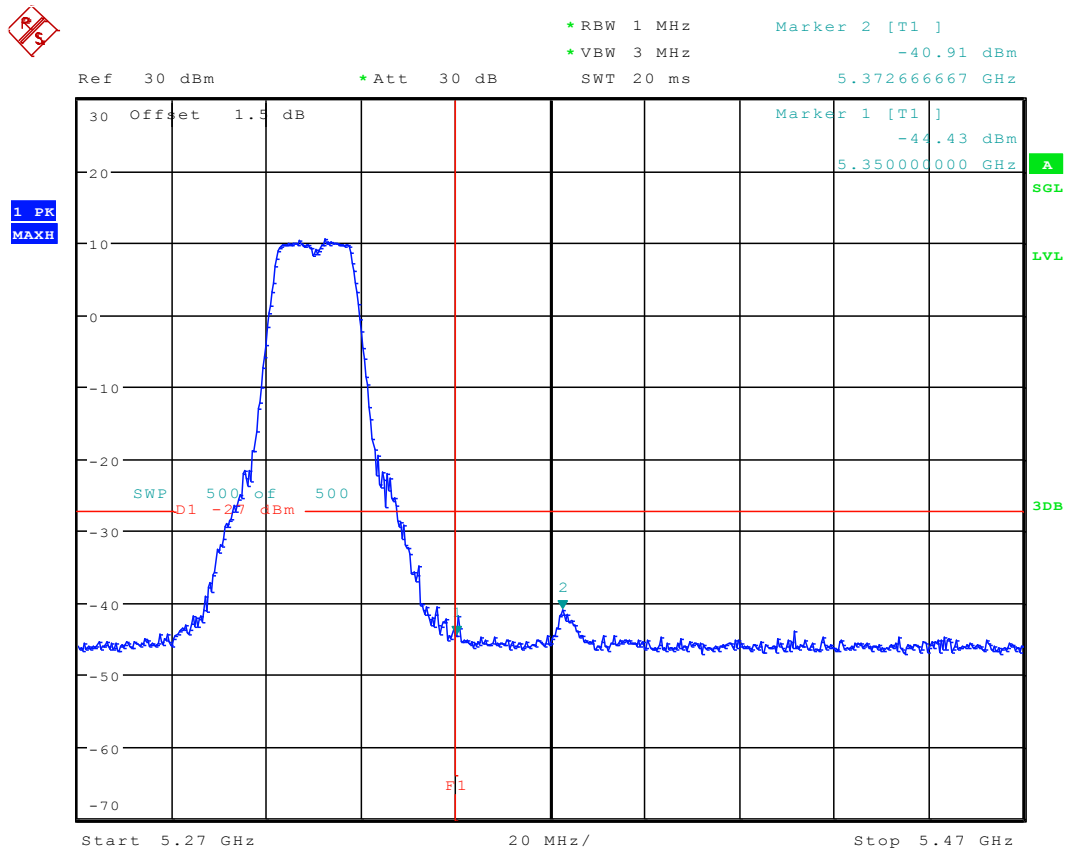
Page 156 of 200

12.3 11A_52 Ant 1



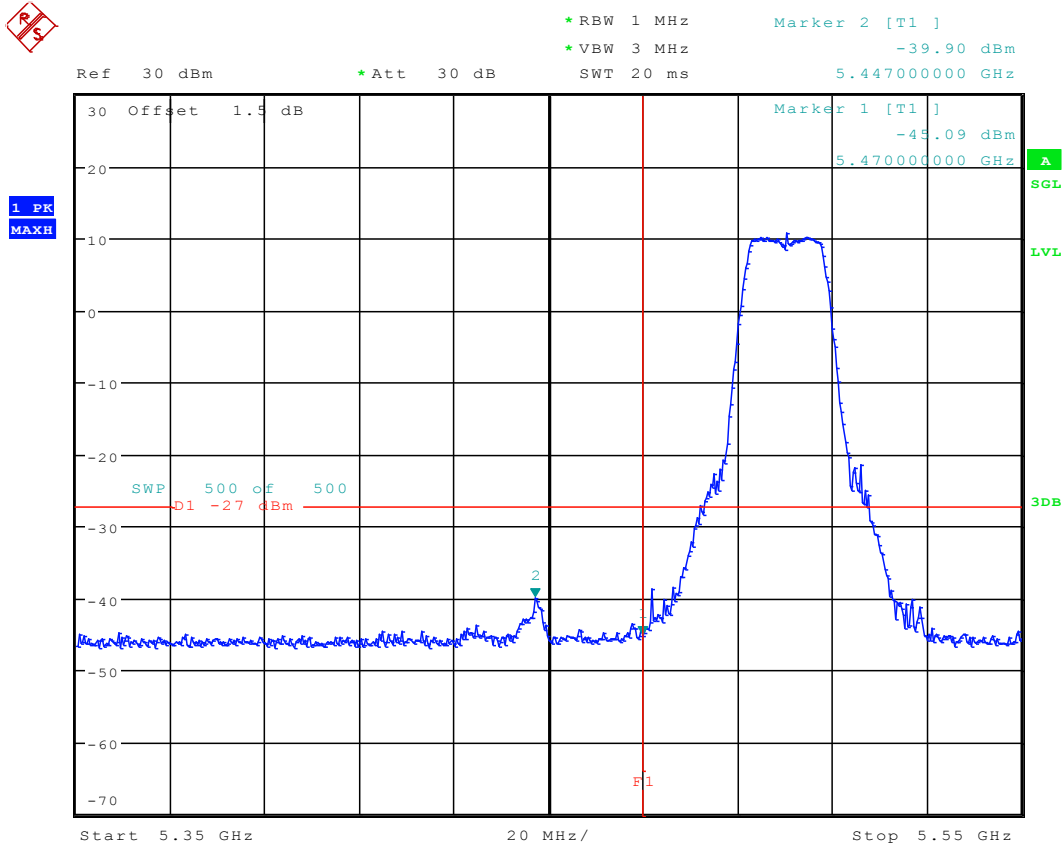
Date: 7.JUL.2016 17:10:23

12.4 11A_64 Ant 1



Date: 7.JUL.2016 17:20:34

12.5 11A_100 Ant 1



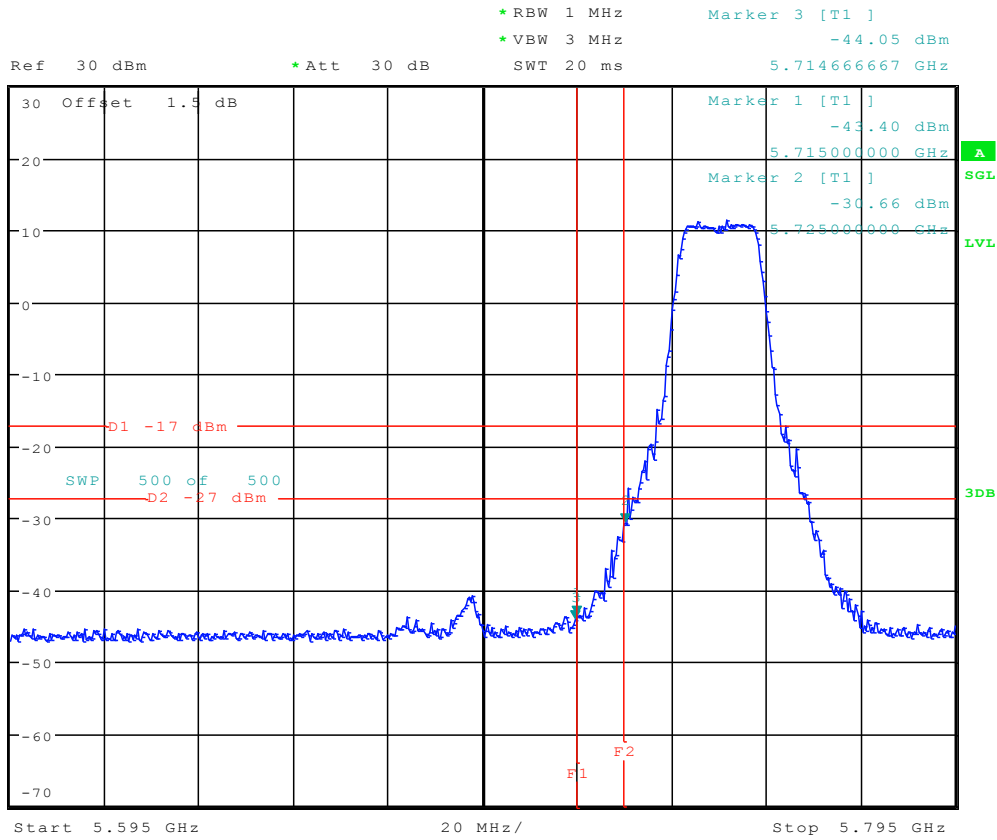
Date: 7.JUL.2016 17:38:03



12.7 11A_149 Ant 1

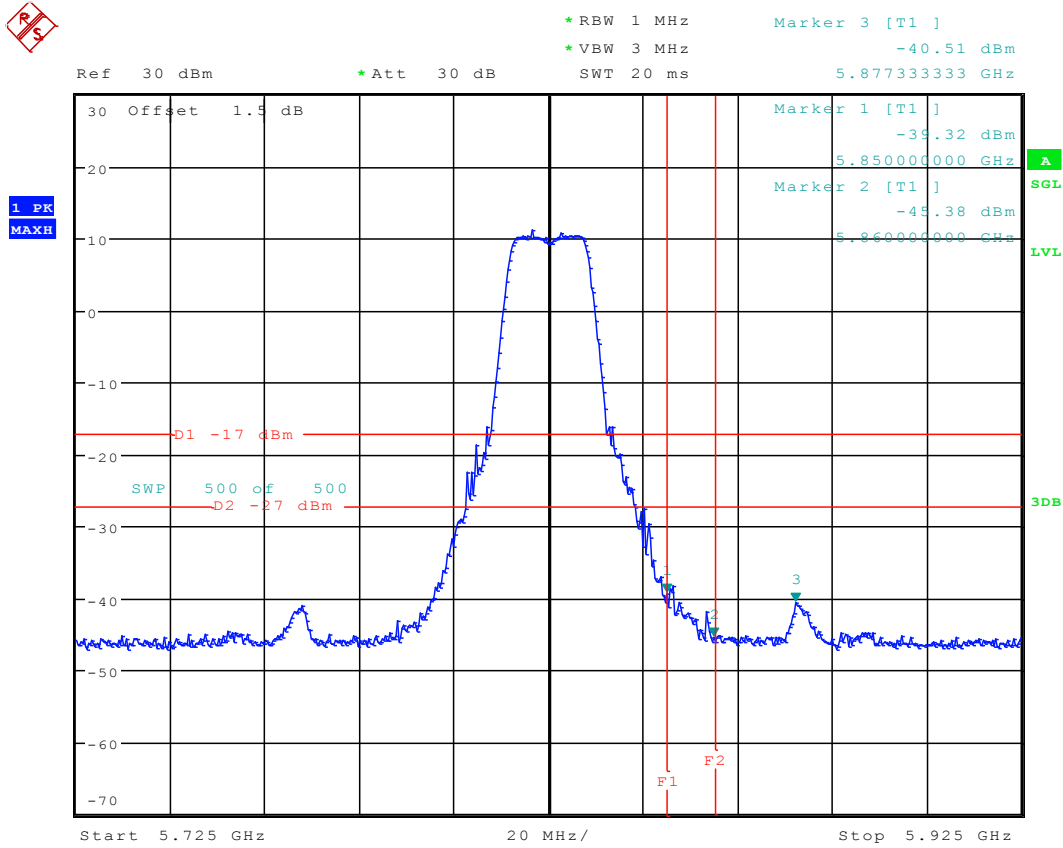


1 PK
MAXH



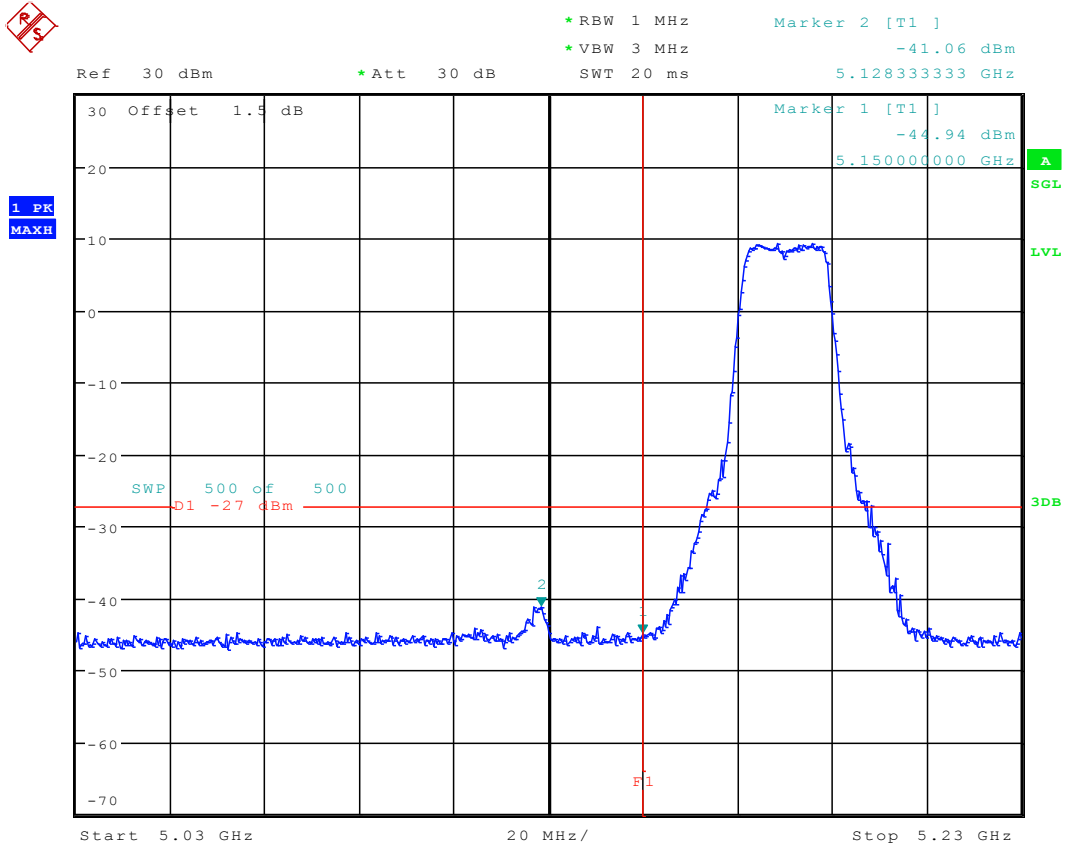
Date: 7.JUL.2016 18:11:28

12.8 11A_165 Ant 1



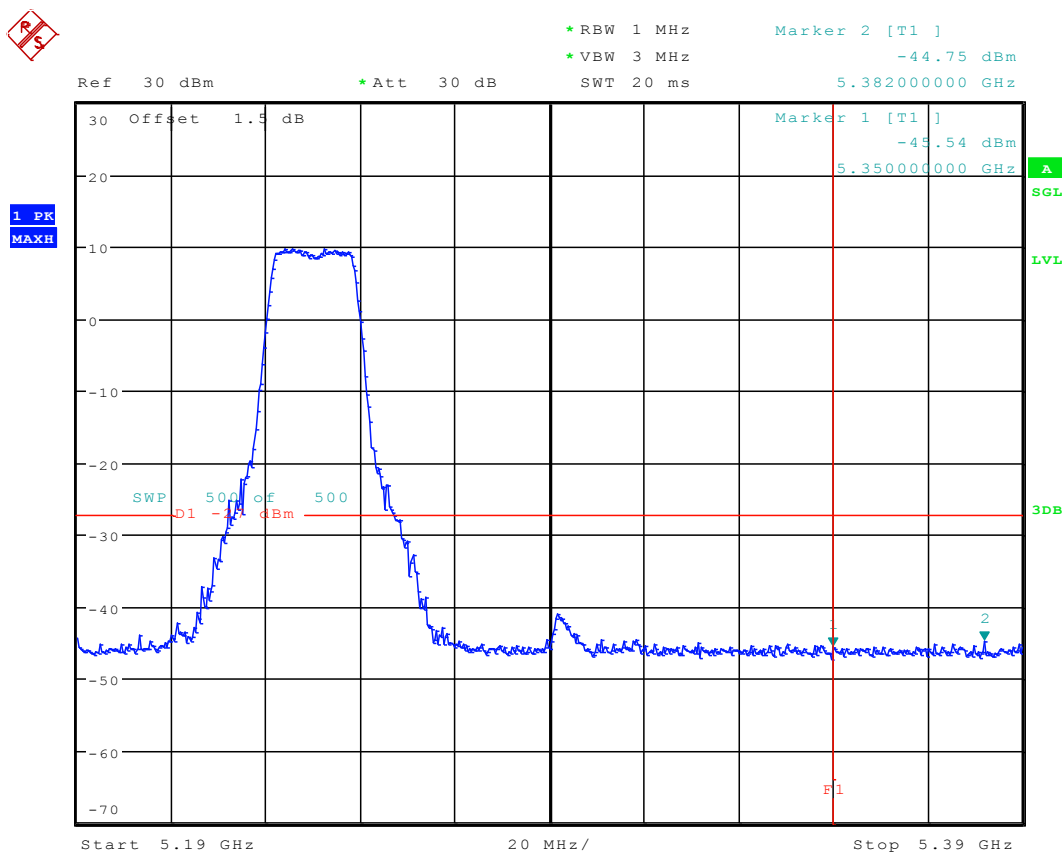
Date: 7.JUL.2016 18:28:30

12.9 11N20_36 Ant 1



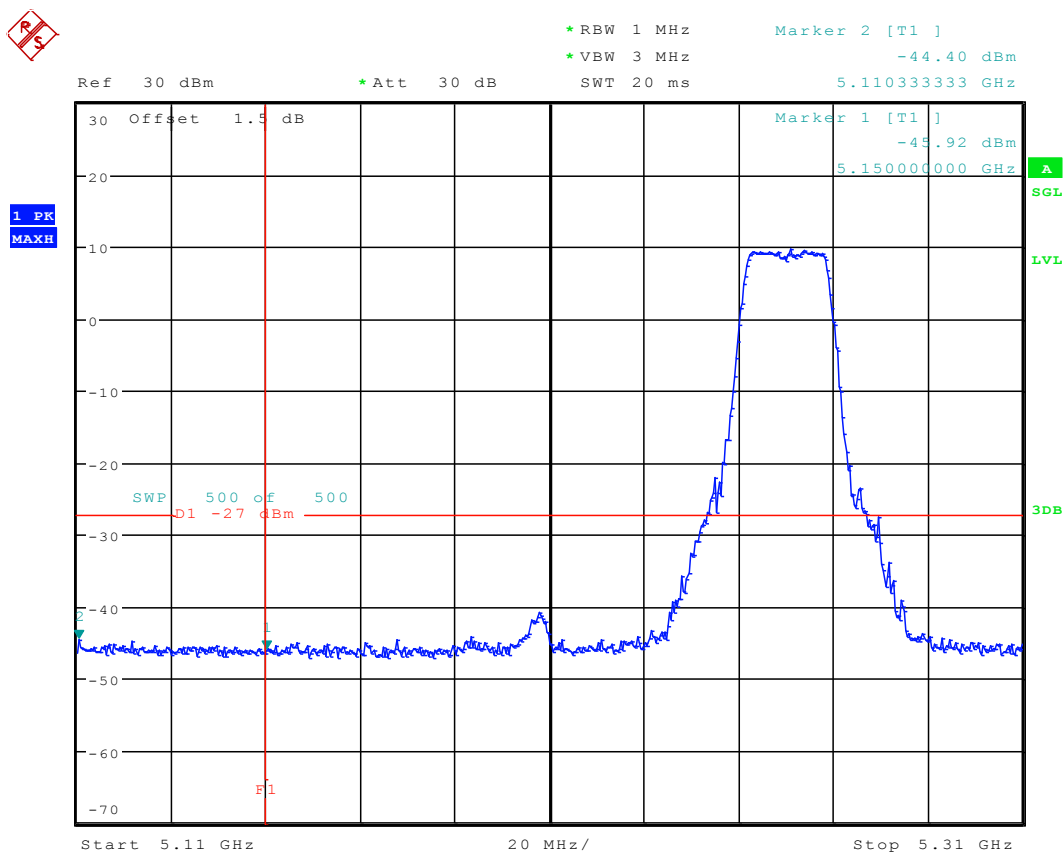
Date: 7.JUL.2016 18:37:15

12.10 11N20_48 Ant 1



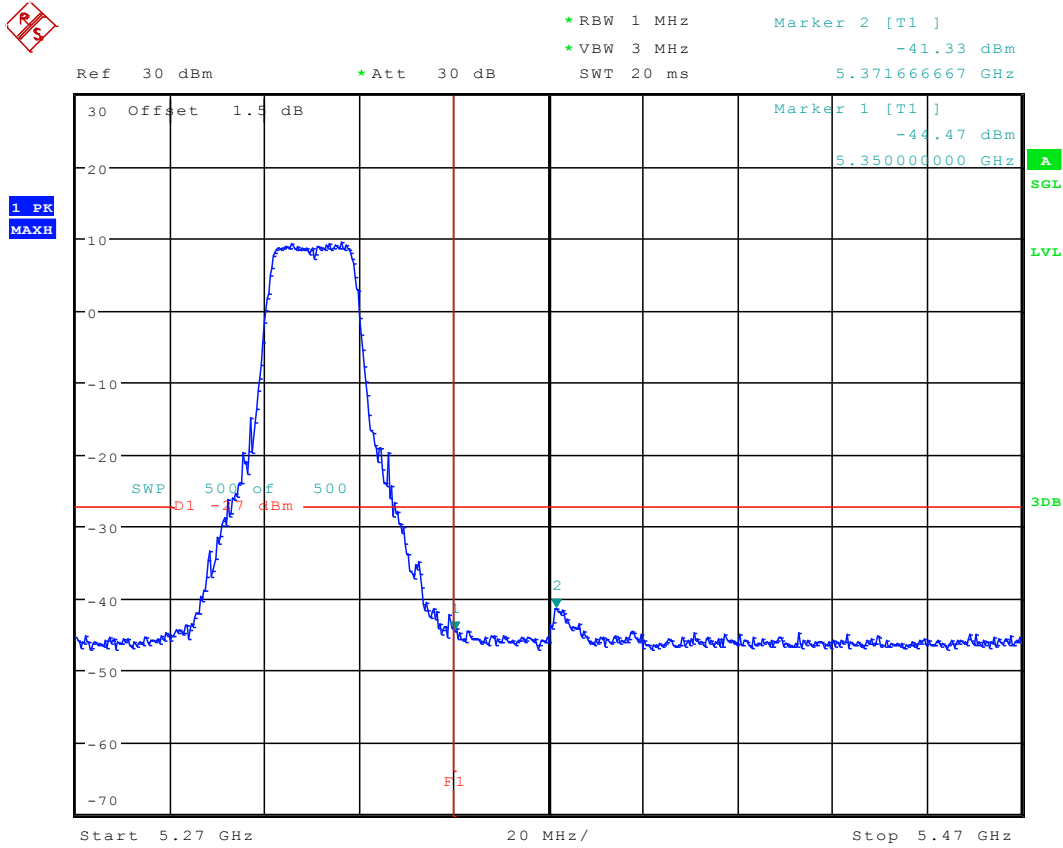
Date: 7.JUL.2016 18:55:09

12.11 11N20_52 Ant 1



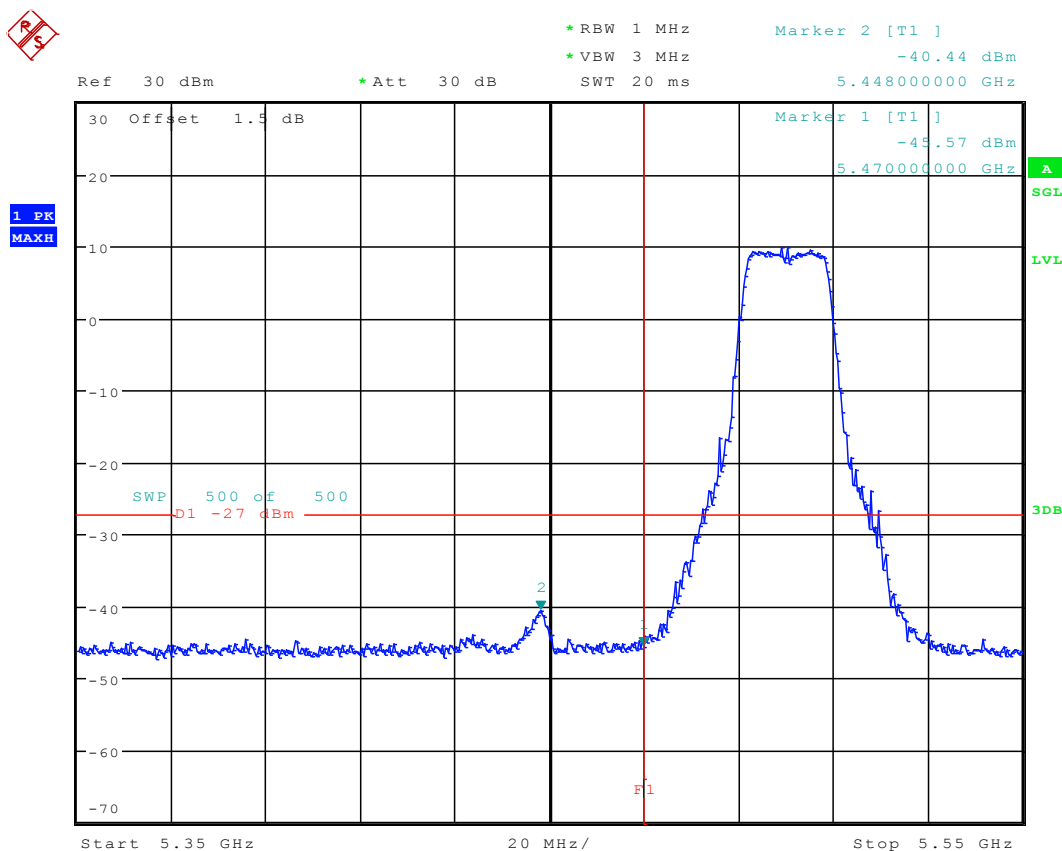
Date: 7.JUL.2016 19:01:01

12.12 11N20_64 Ant 1



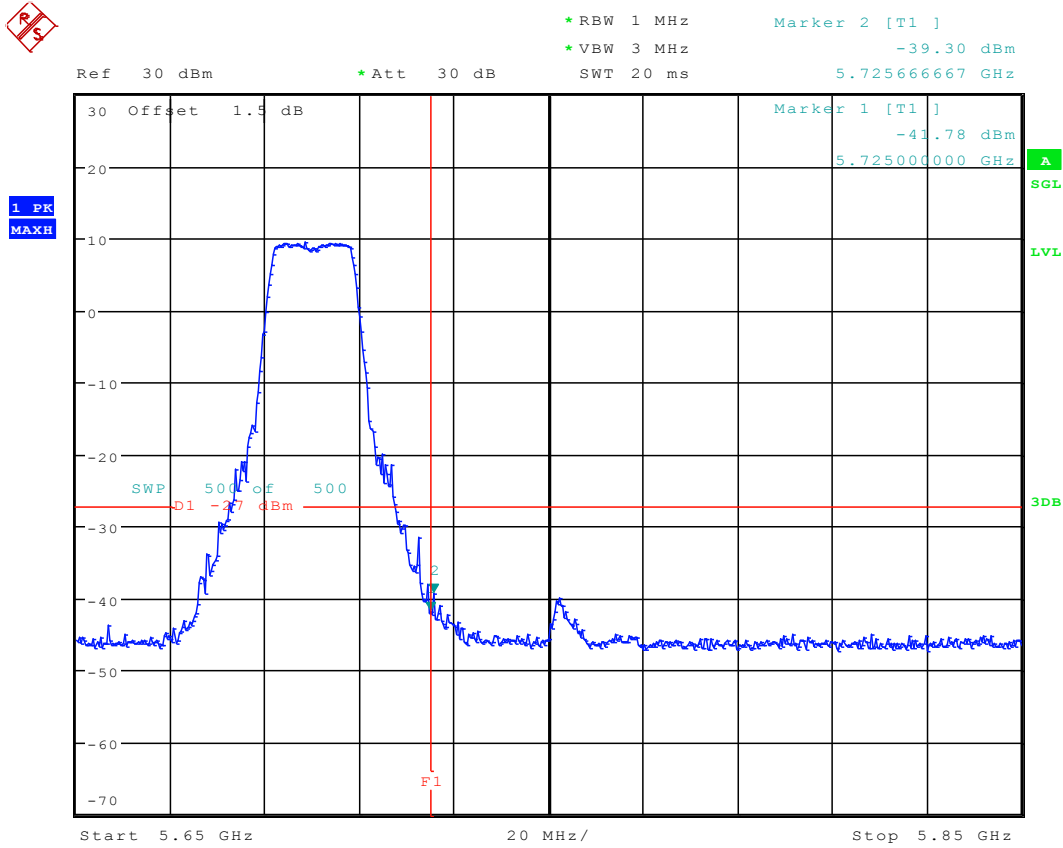
Date: 7.JUL.2016 19:07:35

12.13 11N20_100 Ant 1



Date: 7.JUL.2016 19:12:48

12.14 11N20_140 Ant 1

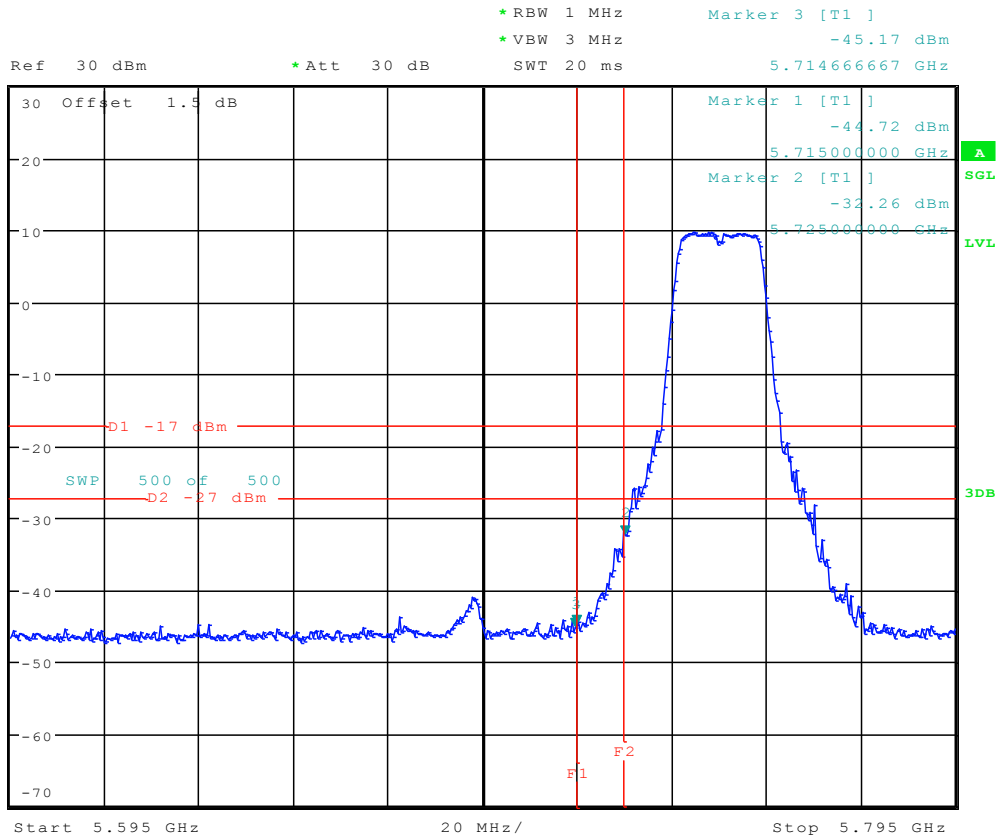


Date: 7.JUL.2016 19:19:21

12.15 11N20_149 Ant 1



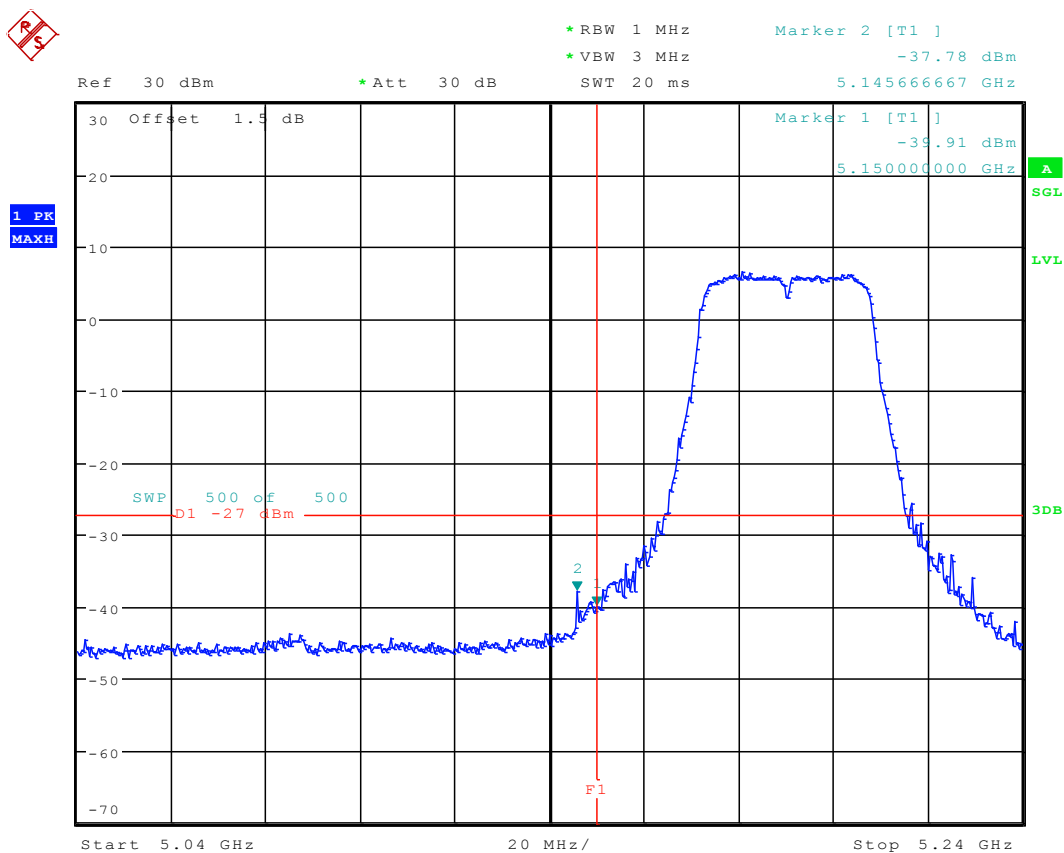
1 PK
MAXH



Date: 7.JUL.2016 19:25:21

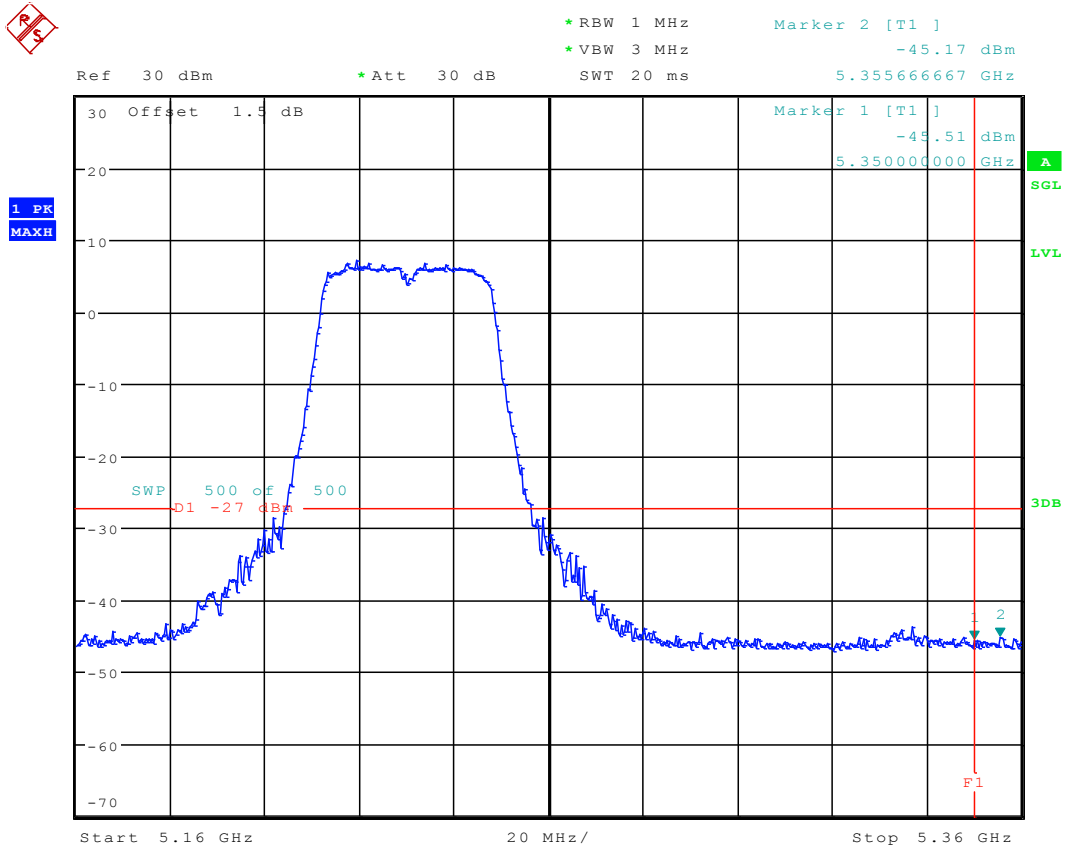


12.17 11N40_38 Ant 1



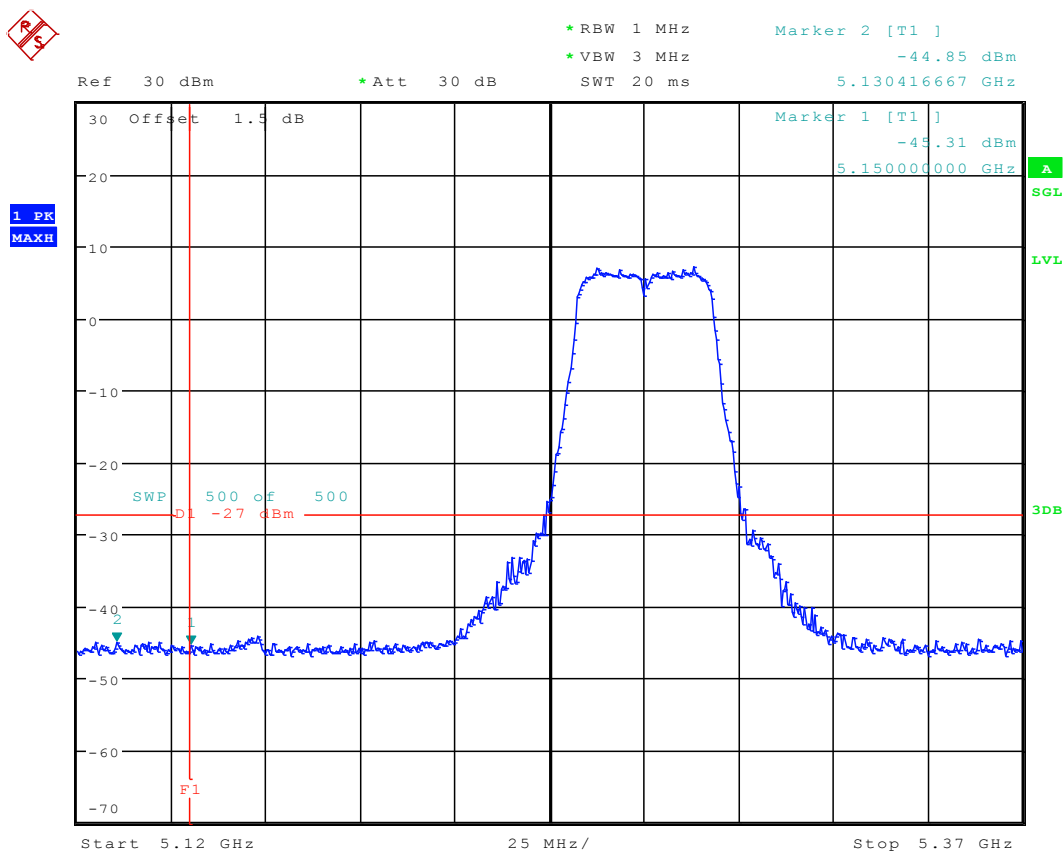
Date: 8.JUL.2016 11:28:22

12.18 11N40_46 Ant 1



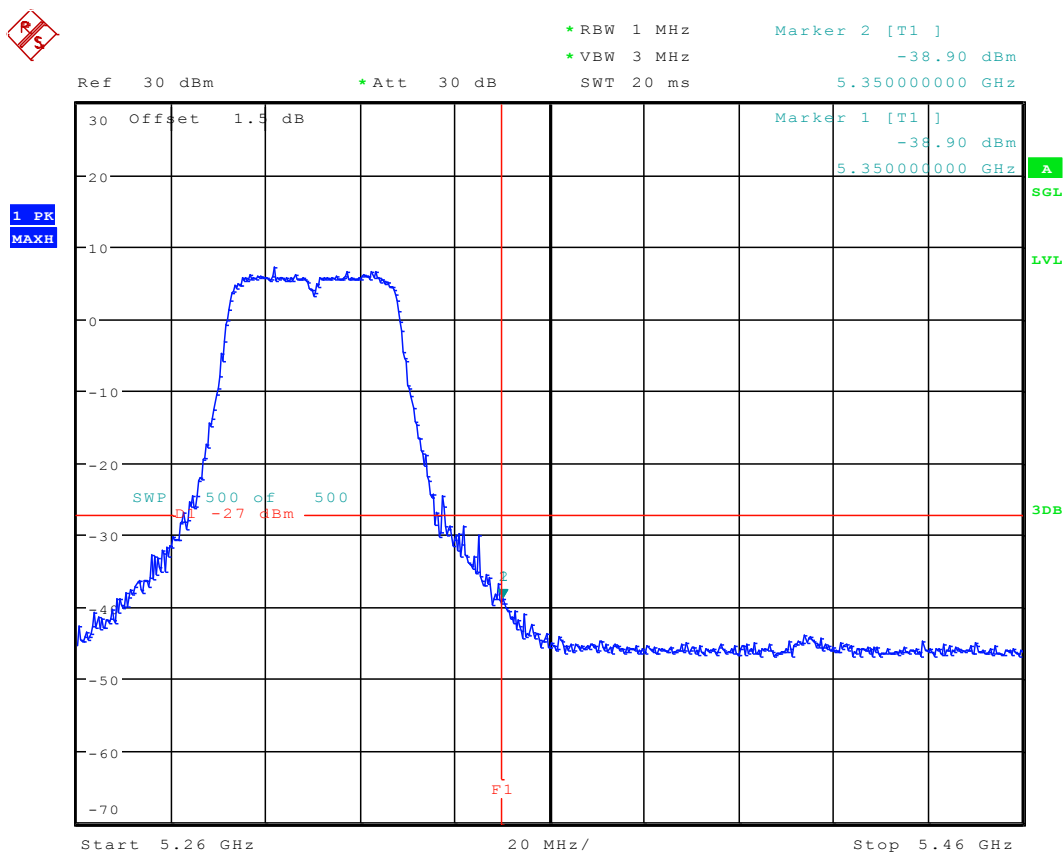
Date: 8.JUL.2016 11:49:51

12.19 11N40_54 Ant 1



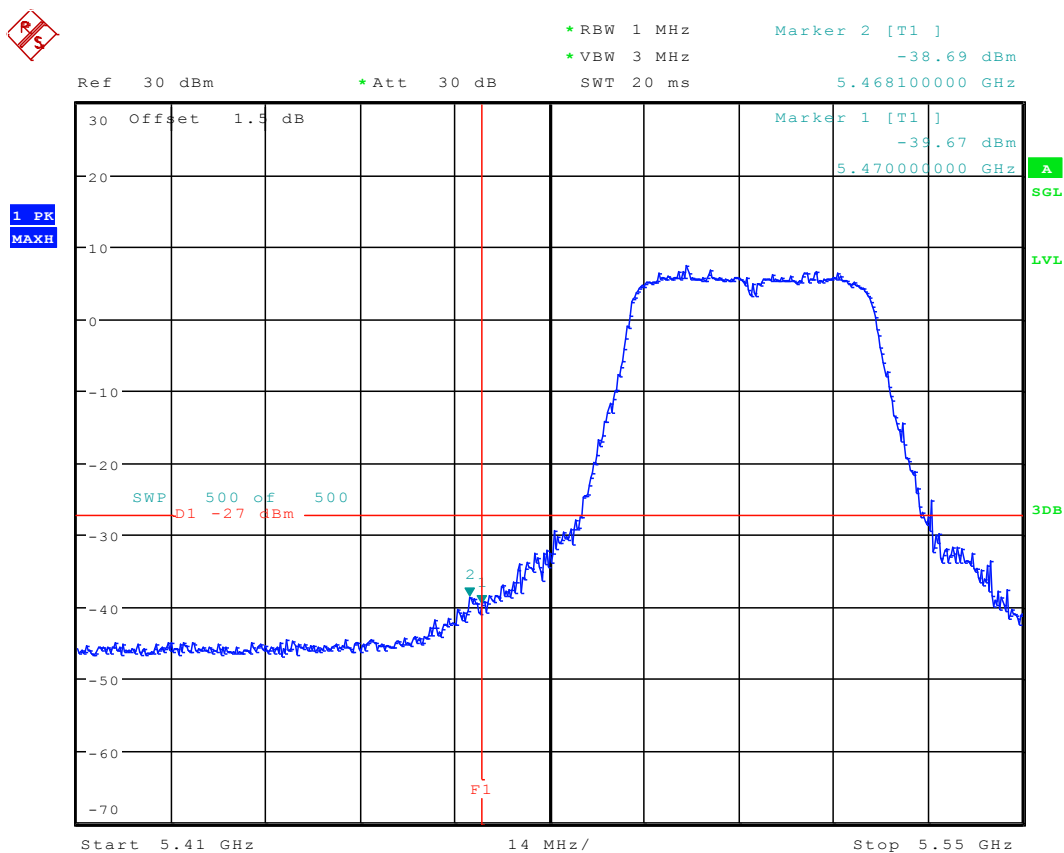
Date: 8.JUL.2016 11:57:14

12.20 11N40_62 Ant 1



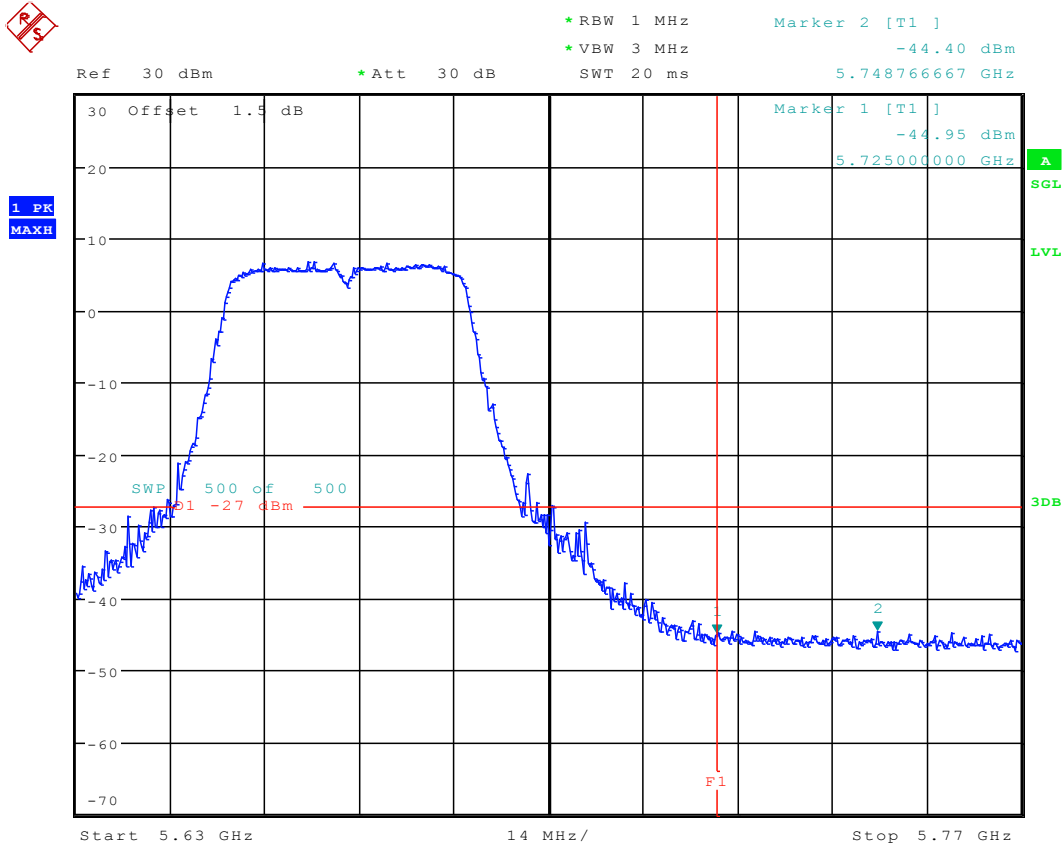
Date: 8.JUL.2016 12:18:28

12.21 11N40_102 Ant 1



Date: 8.JUL.2016 12:24:26

12.22 11N40_134 Ant 1

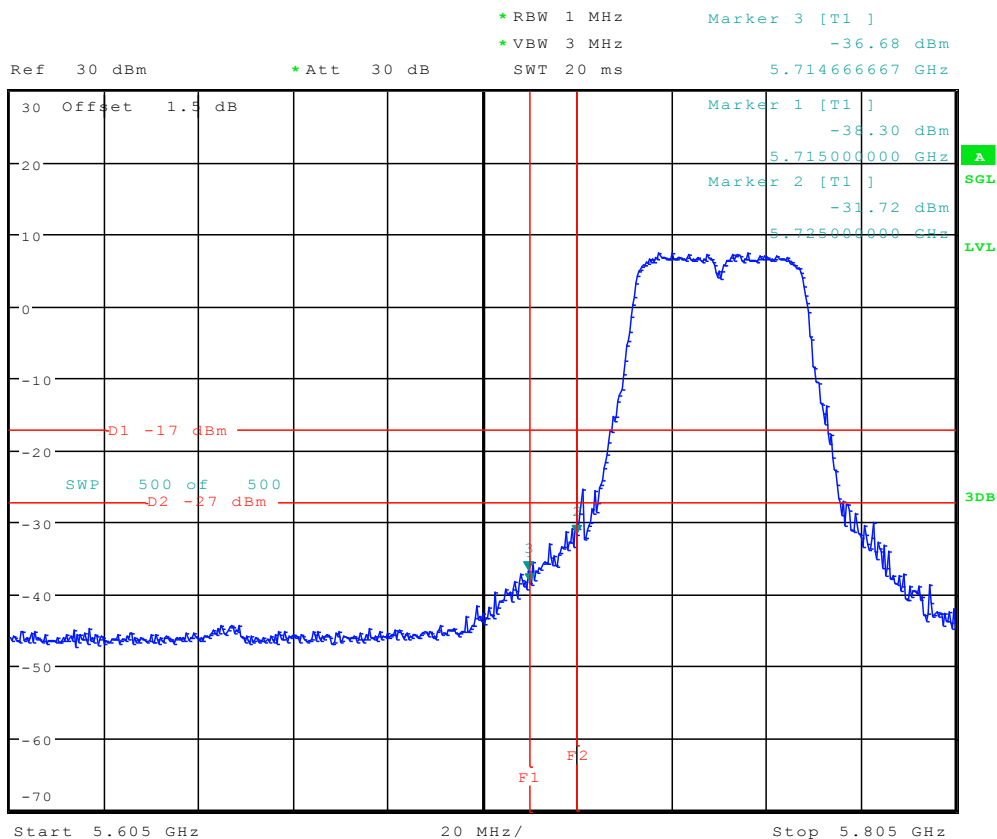


Date: 8.JUL.2016 12:28:35

12.23 11N40_151 Ant 1

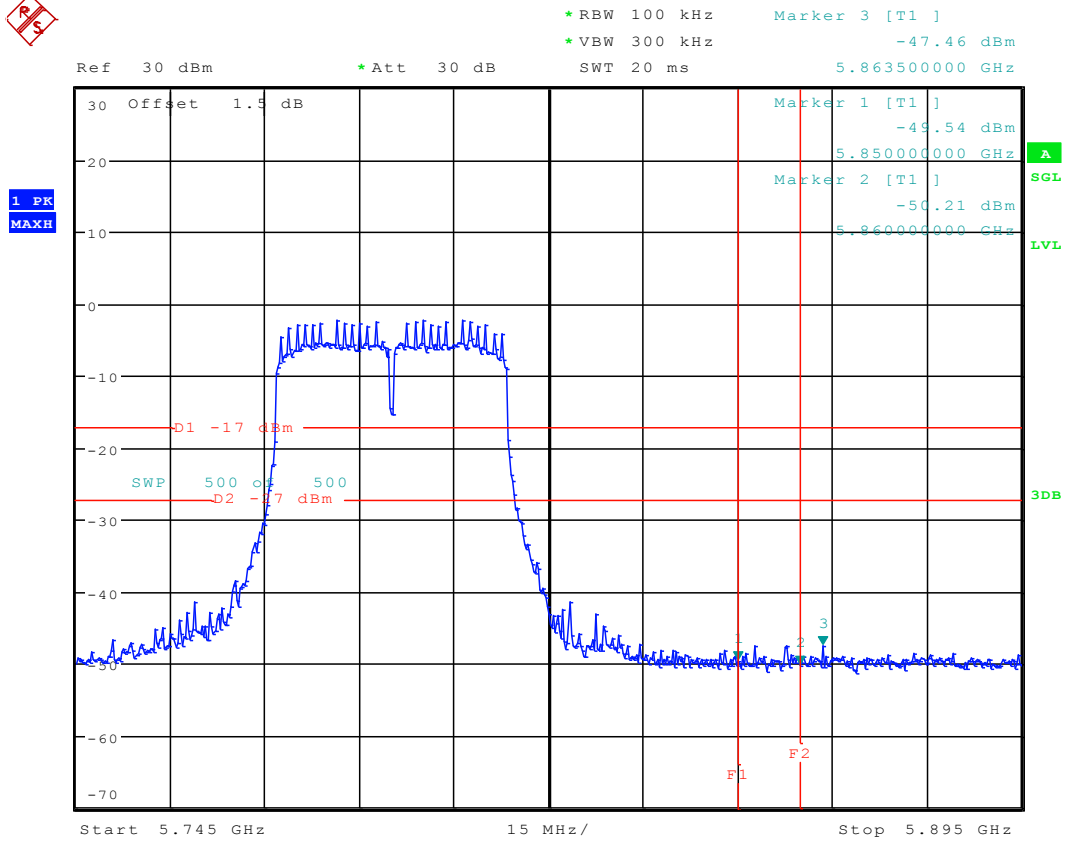


1 PK
MAXH



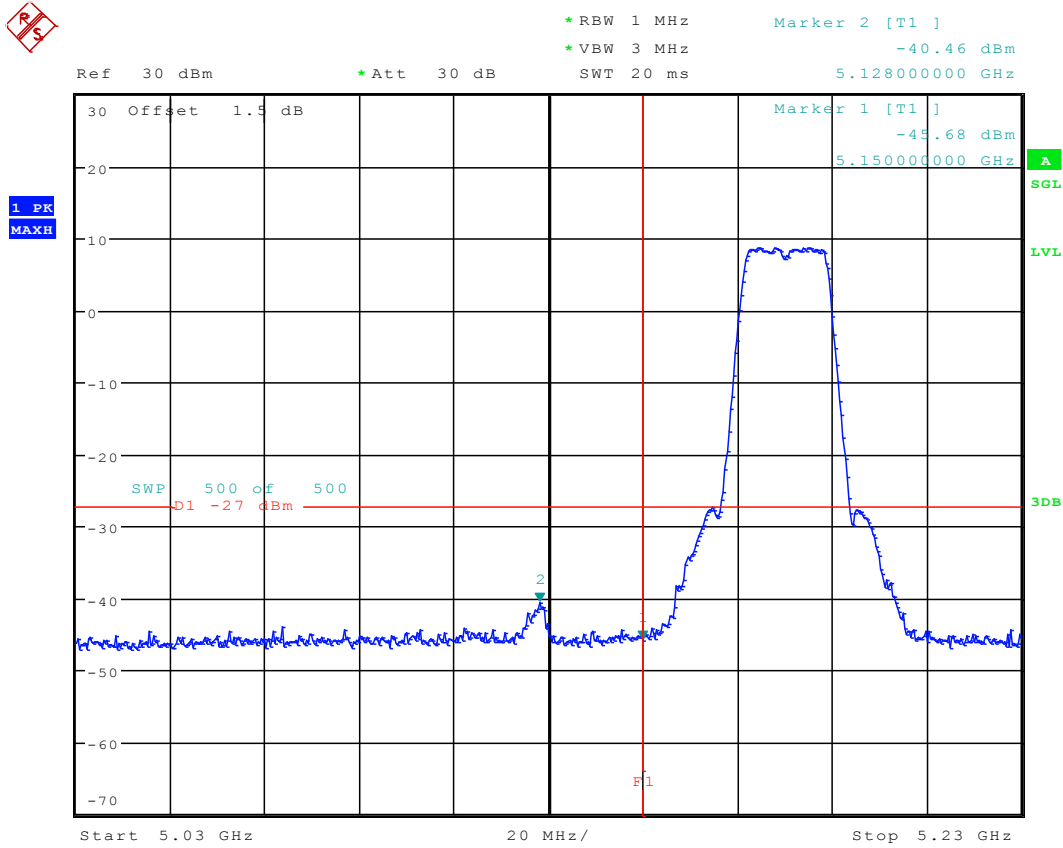
Date: 8.JUL.2016 12:41:03

12.24 11N40_159 Ant 1



Date: 8.JUL.2016 12:45:36

12.25 11AC20_36 Ant 1

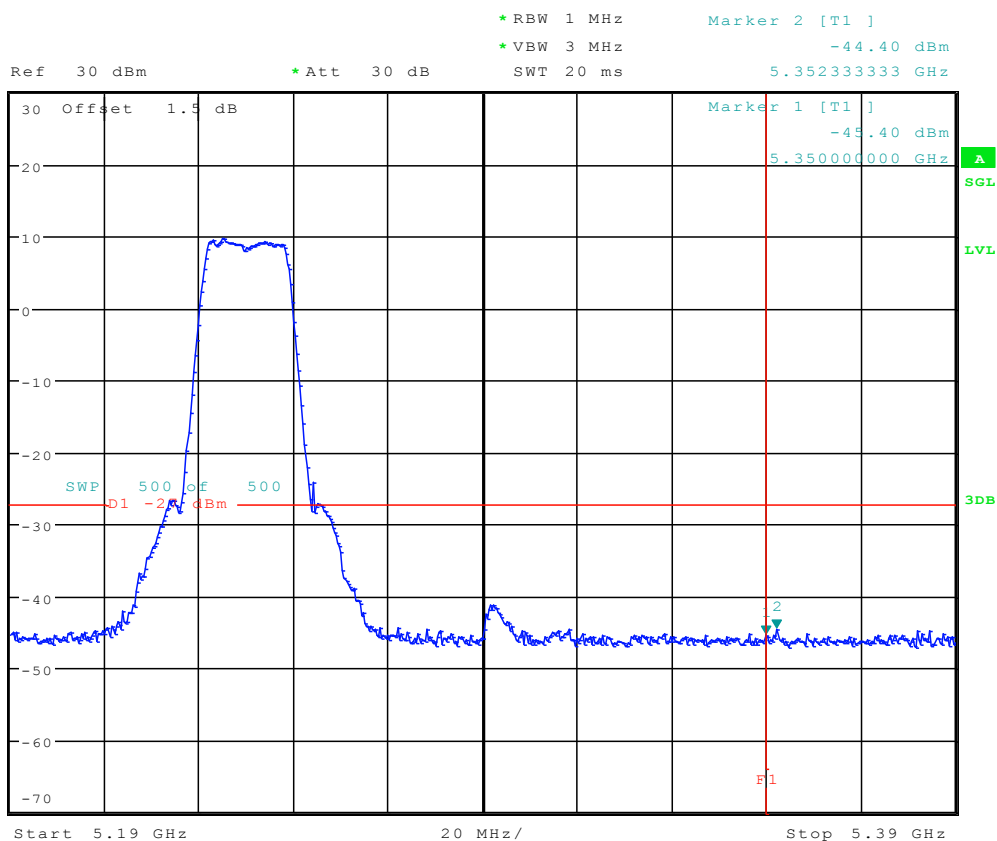


Date: 8.JUL.2016 12:54:36

12.26 11AC20_48 Ant 1

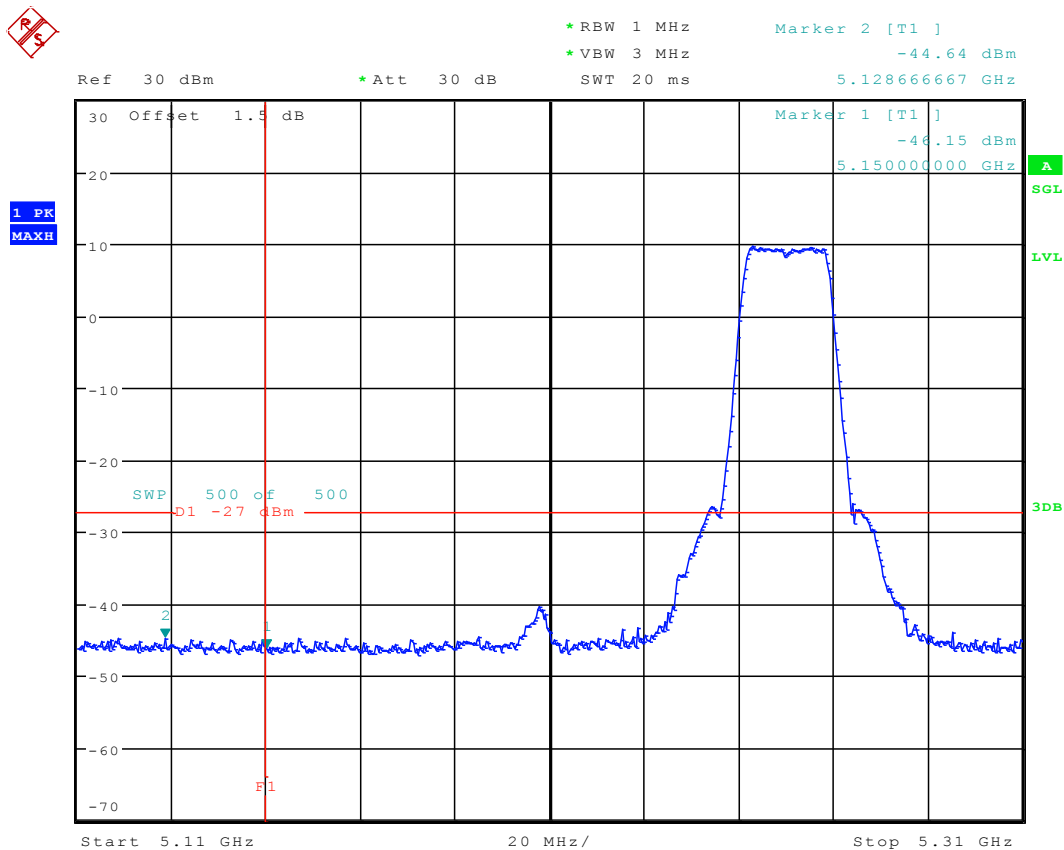


1 PK
MAXH



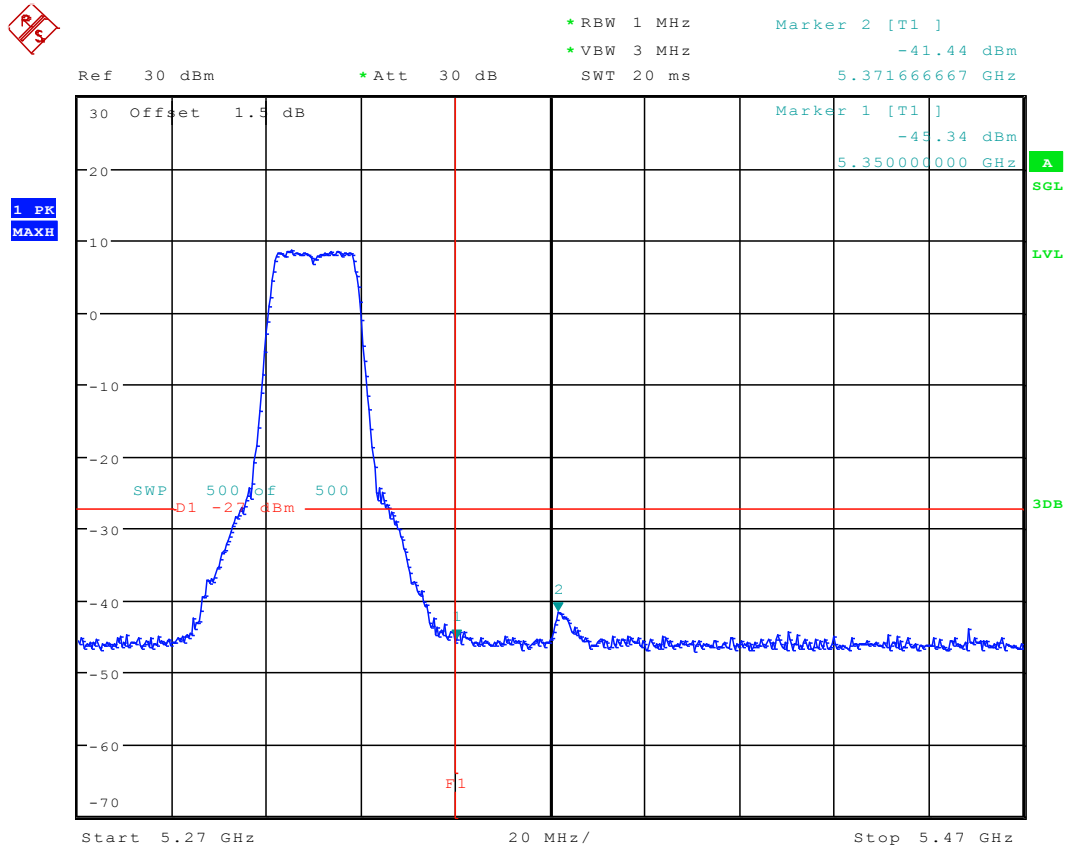
Date: 8.JUL.2016 13:00:06

12.27 11AC20_52 Ant 1



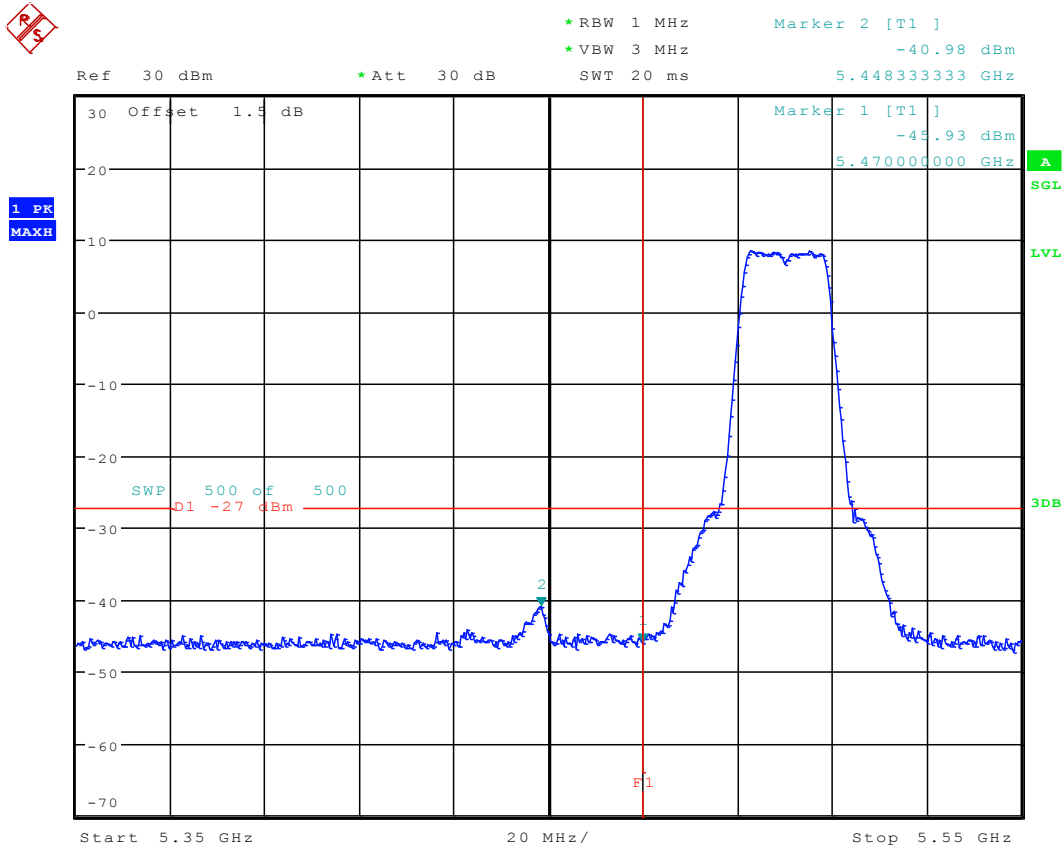
Date: 8.JUL.2016 13:06:31

12.28 11AC20_64 Ant 1



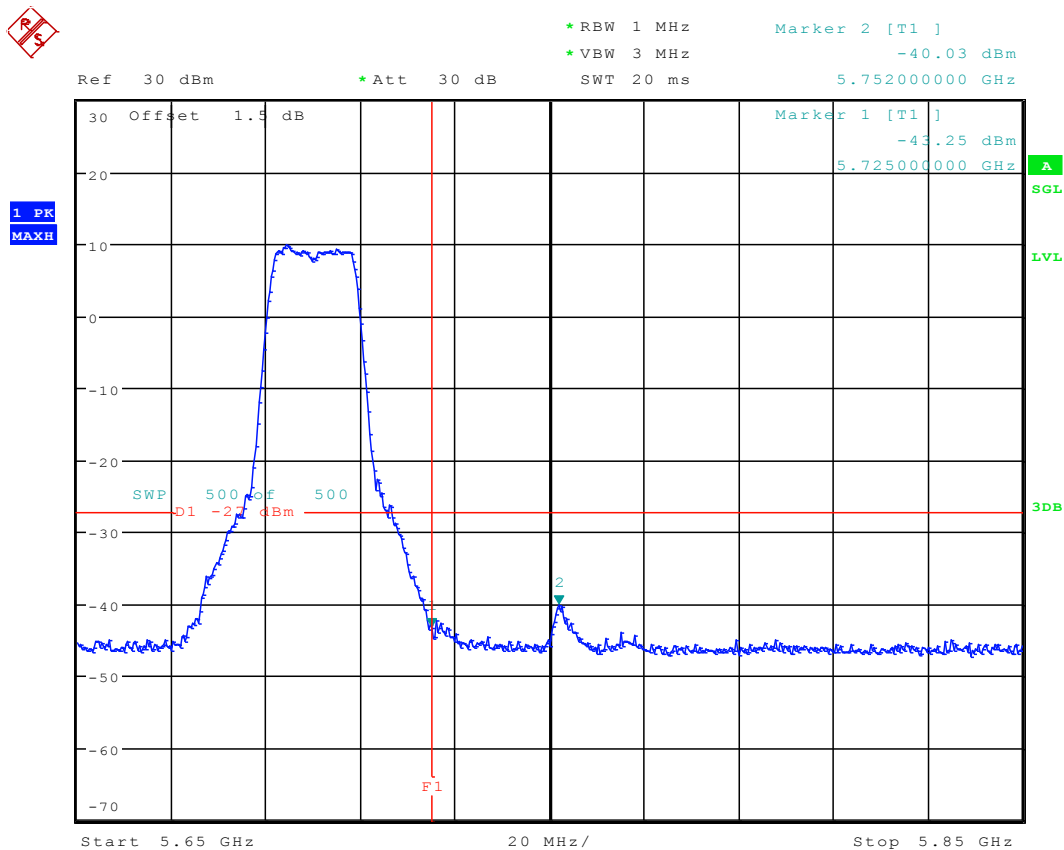
Date: 8.JUL.2016 13:31:31

12.29 11AC20_100 Ant 1



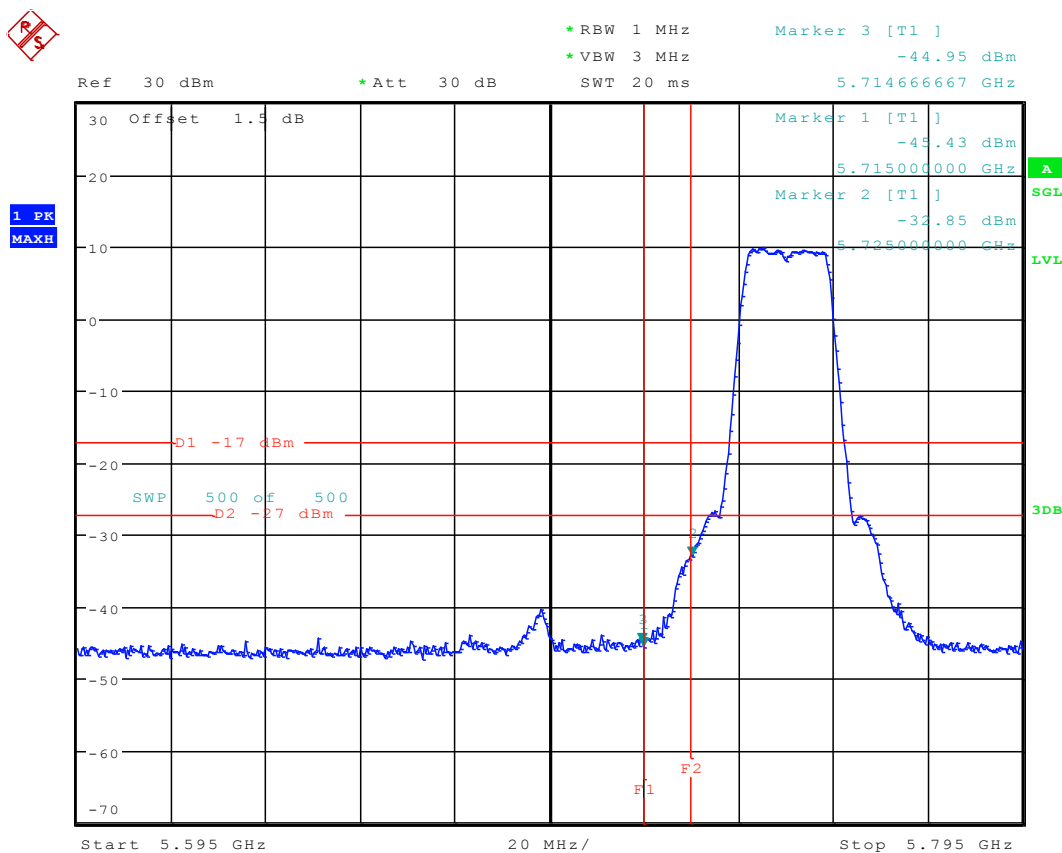
Date: 8.JUL.2016 13:36:34

12.30 11AC20_140 Ant 1



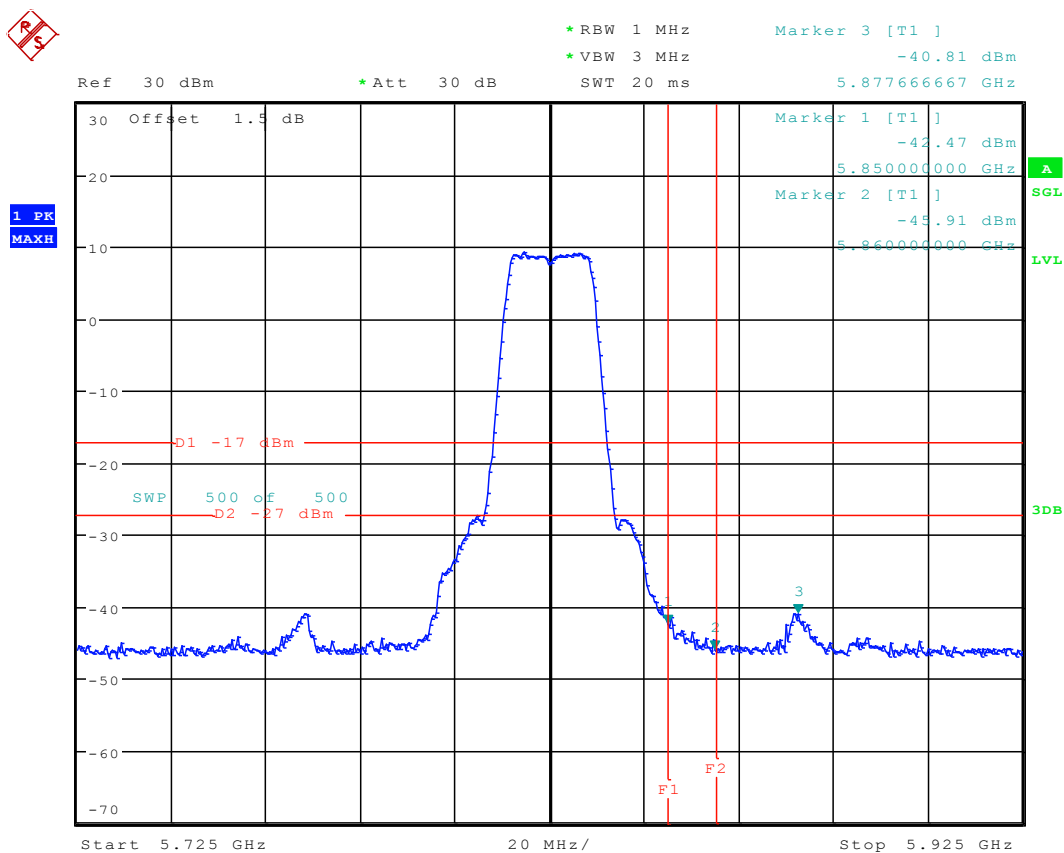
Date: 8.JUL.2016 13:41:23

12.31 11AC20_149 Ant 1



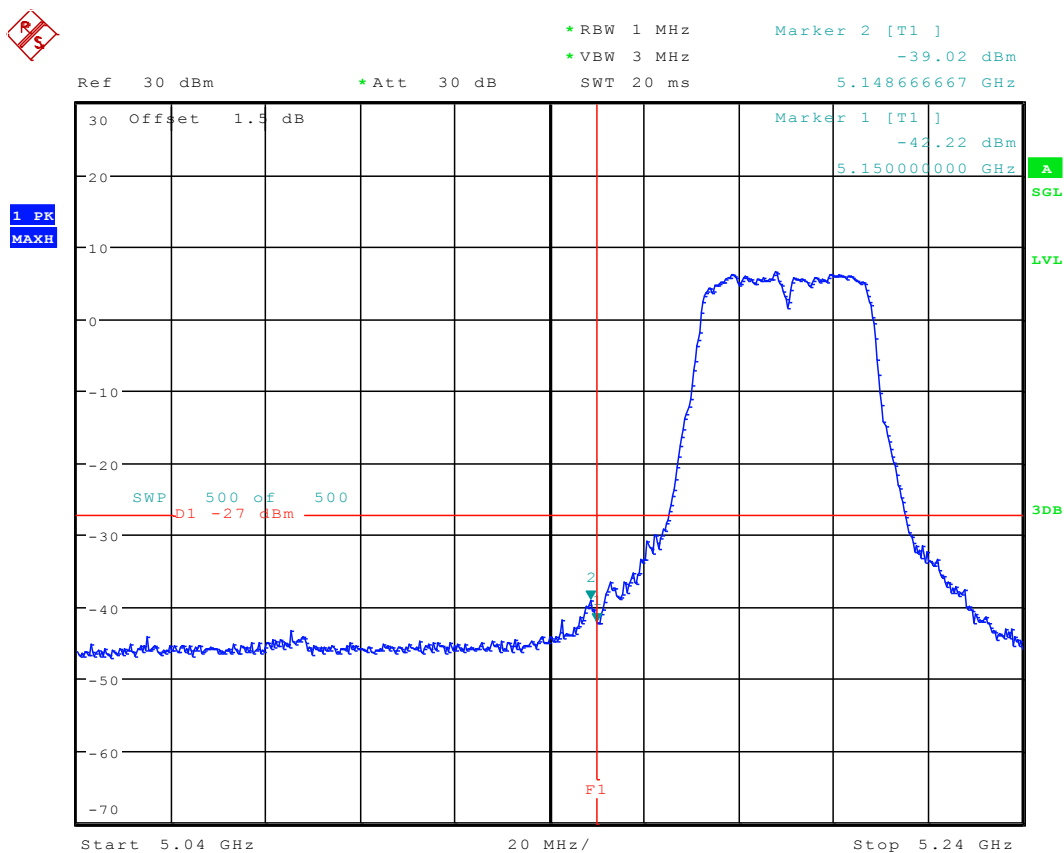
Date: 8.JUL.2016 15:36:48

12.32 11AC20_165 Ant 1



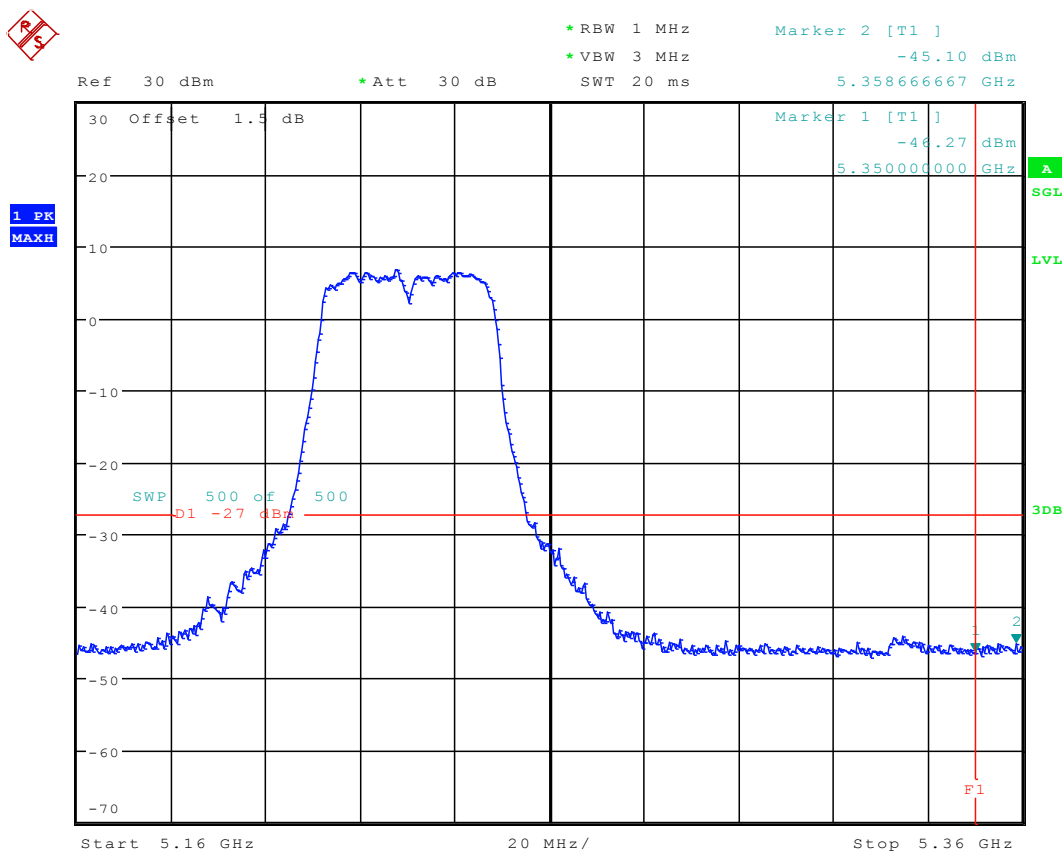
Date: 8.JUL.2016 15:55:40

12.33 11AC40_38 Ant 1



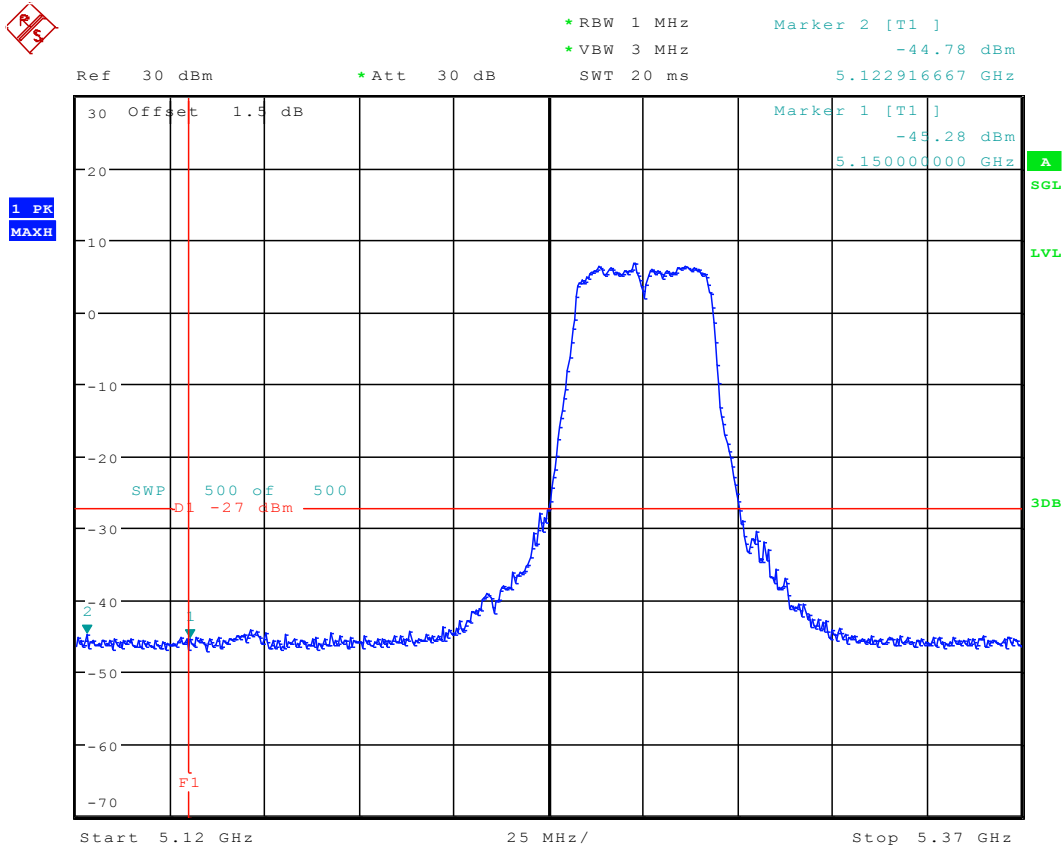
Date: 8.JUL.2016 16:30:47

12.34 11AC40_46 Ant 1



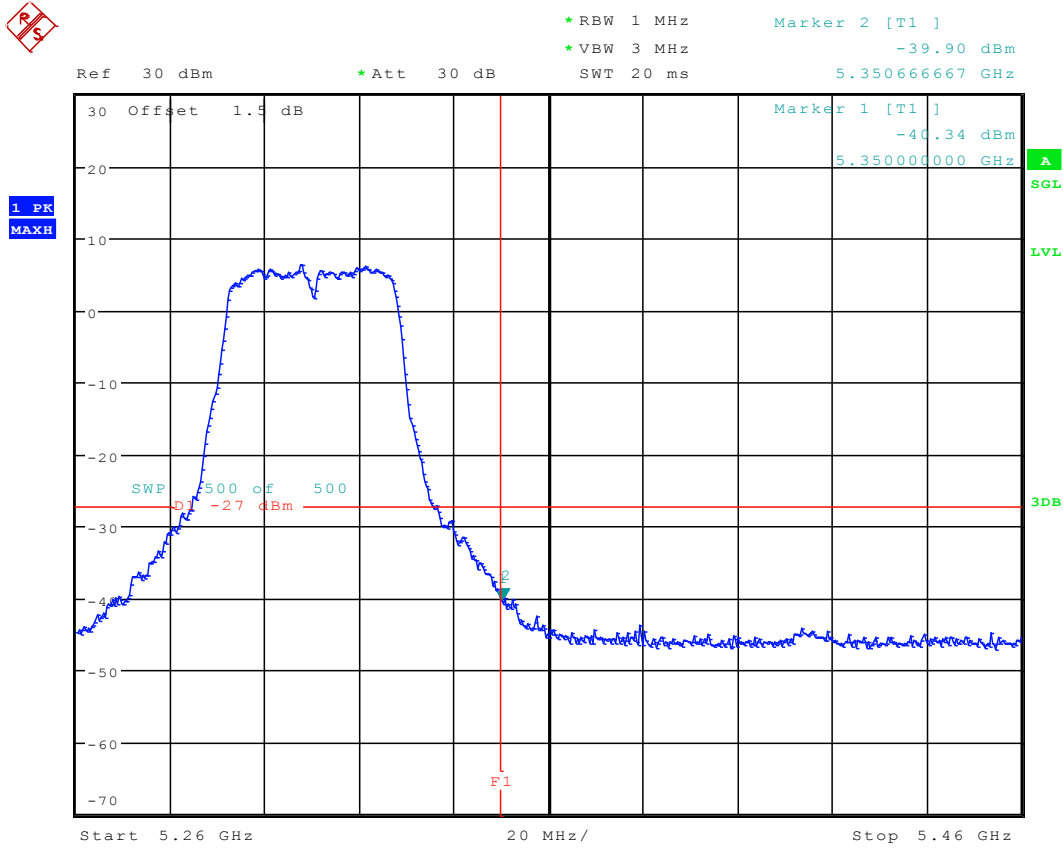
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12.35 11AC40_54 Ant 1



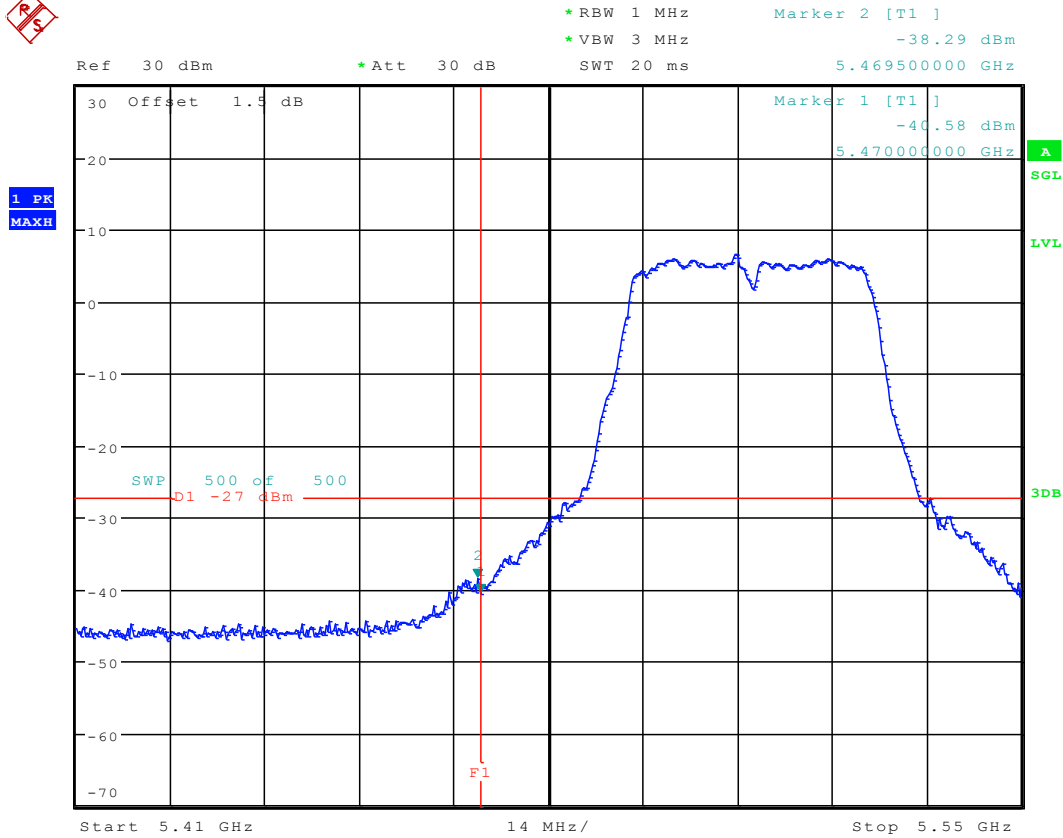
Date: 8.JUL.2016 16:42:45

12.36 11AC40_62 Ant 1



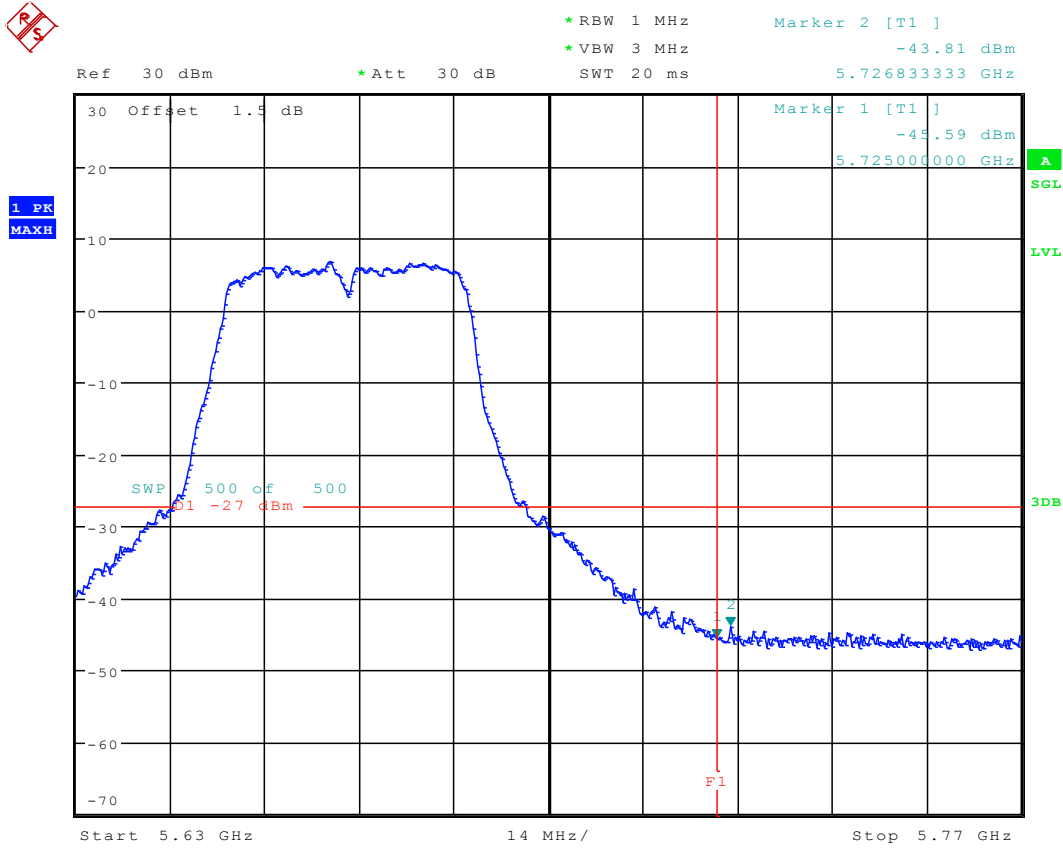
Date: 8.JUL.2016 16:49:27

12.37 11AC40_102 Ant 1



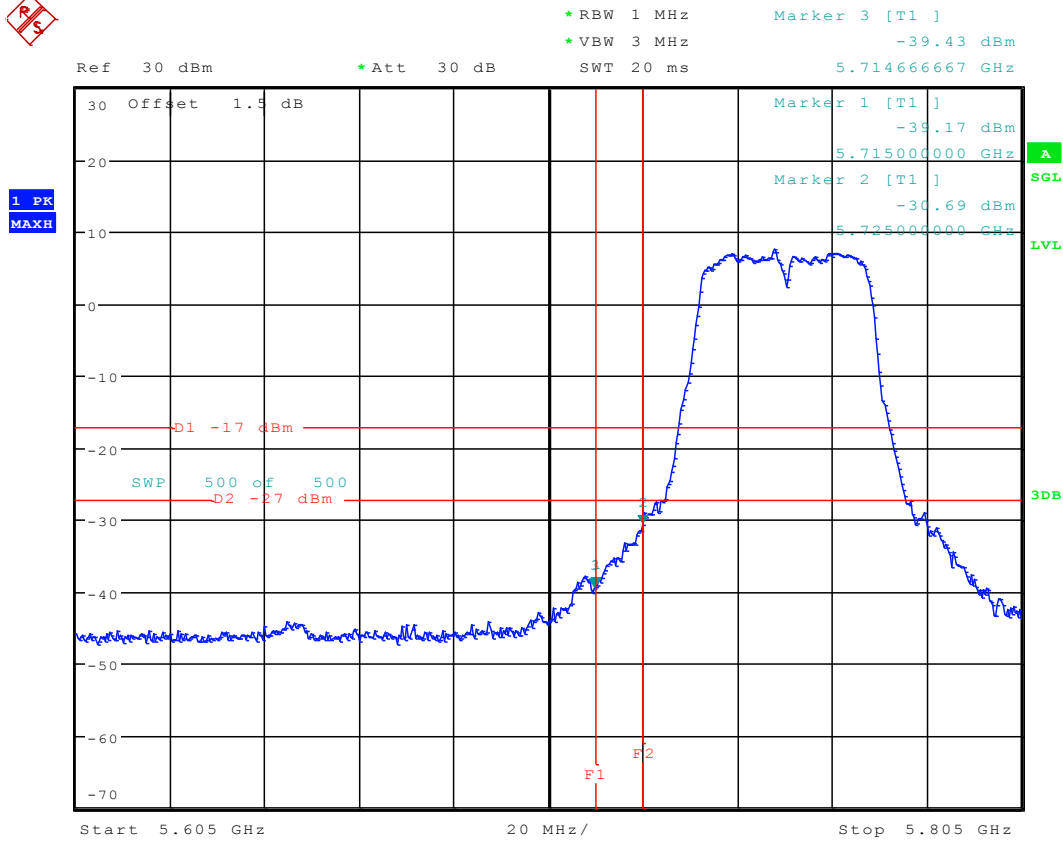
Date: 8.JUL.2016 16:53:07

12.38 11AC40_134 Ant 1



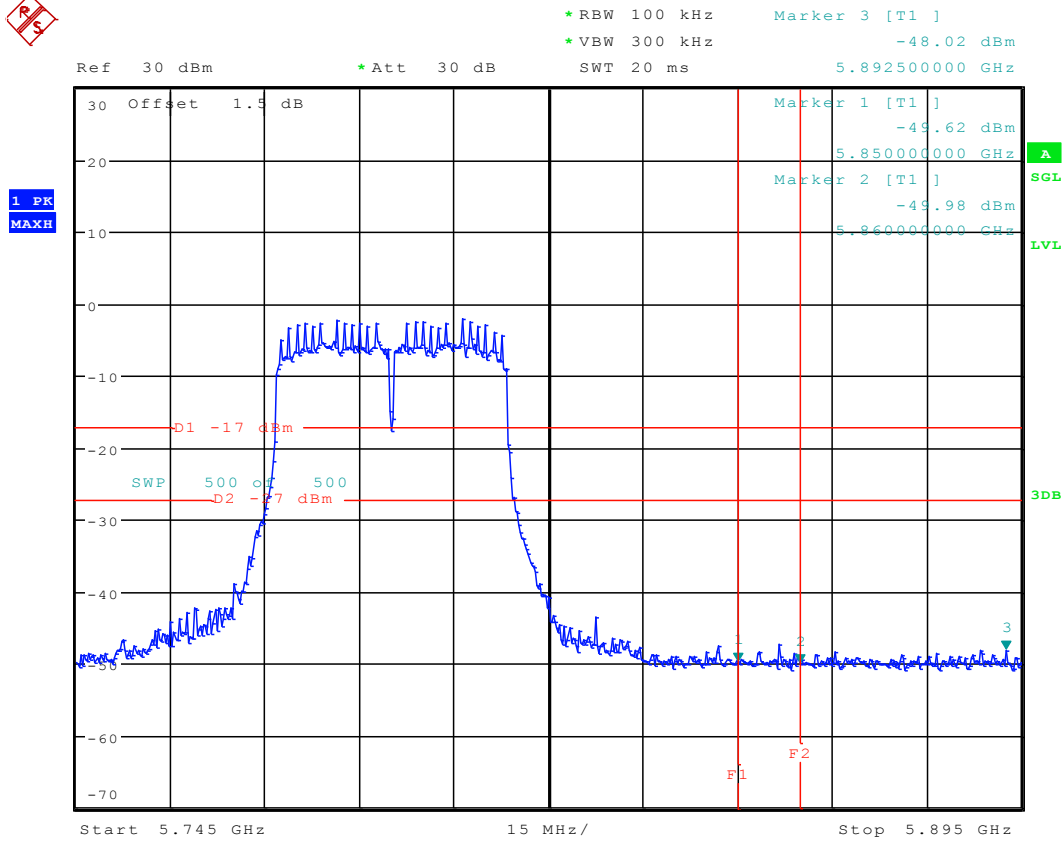
Date: 8.JUL.2016 17:00:02

12.39 11AC40_151 Ant 1



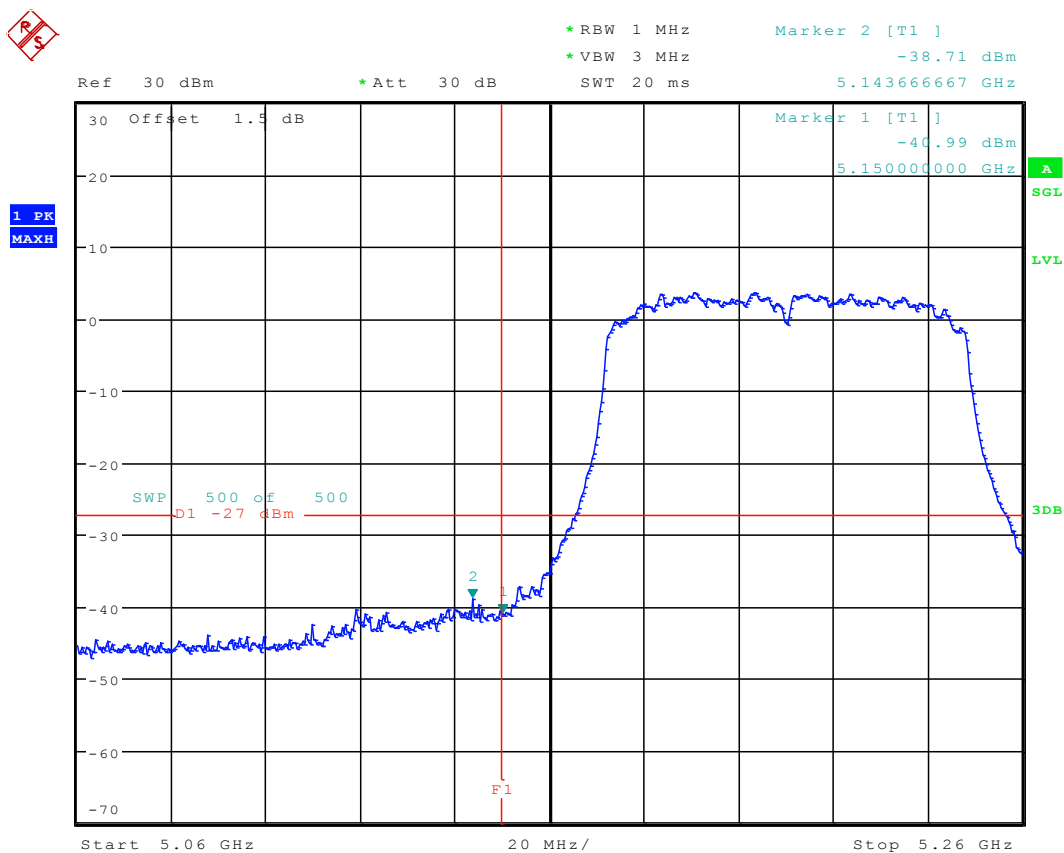
Date: 8.JUL.2016 17:08:11

12.40 11AC40_159 Ant 1



Date: 8.JUL.2016 17:23:51

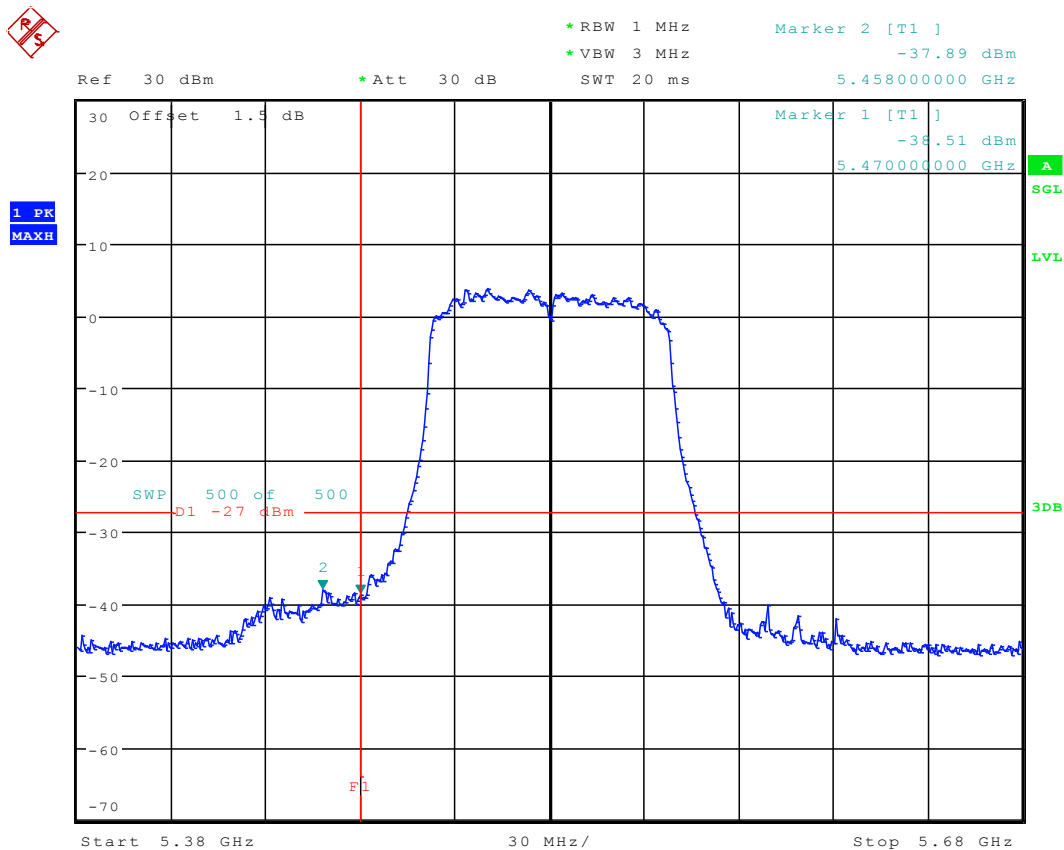
12.41 11AC80_42 Ant 1



Date: 8.JUL.2016 17:35:29



12.43 11AC80_106 Ant 1



Date: 8.JUL.2016 17:46:51

Appendix G: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5180
V nom(V)	5180.0052
V max(V)	5180.0162
V min(V)	5180.0314
Max. Deviation Frequency	0.0314
Max. Frequency Error (ppm)	6.06

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5180
-5	5180.0076
5	5180.0099
15	5180.0197
25	5180.0155
35	5180.0233
45	5180.0262
50	5180.0143
Max. Deviation Frequency	0.0262
Max. Frequency Error (ppm)	5.05

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5825
V nom(V)	5825.0158
V max(V)	5825.0213
V min(V)	5825.0178
Max. Deviation Frequency	0.0213
Max. Frequency Error (ppm)	3.65

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5825
-5	5825.0079
5	5825.0212
15	5825.0308
25	5825.0234
35	5825.0281
45	5825.0176
50	5825.0298
Max. Deviation Frequency	0.0308
Max. Frequency Error (ppm)	5.28

SEND