

Appendix A U-NII: Emission Bandwidth

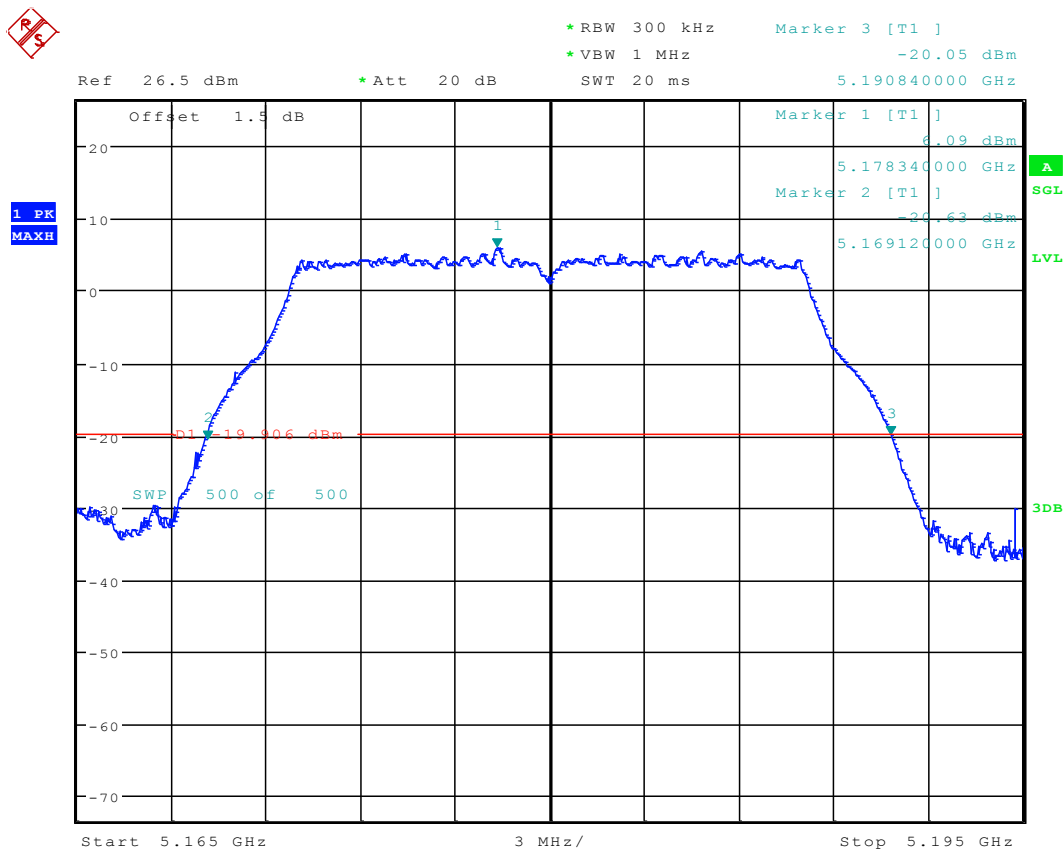
1 (EBW)Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	26dB Emission Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	21.72	pass
	48	5240	Ant 1	21.72	pass
	52	5260	Ant 1	21.72	pass
	64	5320	Ant 1	22.02	pass
	100	5500	Ant 1	21.78	pass
	140	5700	Ant 1	21.76	pass
11N20	36	5180	Ant 1	22.06	pass
	48	5240	Ant 1	21.98	pass
	52	5260	Ant 1	22.20	pass
	64	5320	Ant 1	22.24	pass
	100	5500	Ant 1	22.14	pass
	140	5700	Ant 1	22.14	pass
11N40	38	5190	Ant 1	41.52	pass
	46	5230	Ant 1	41.70	pass
	54	5270	Ant 1	41.56	pass
	62	5310	Ant 1	41.60	pass
	102	5510	Ant 1	41.30	pass
	134	5670	Ant 1	41.64	pass
11AC20	36	5180	Ant 1	22.00	pass
	48	5240	Ant 1	22.20	pass
	52	5260	Ant 1	22.14	pass
	64	5320	Ant 1	22.08	pass
	100	5500	Ant 1	22.12	pass
	140	5700	Ant 1	22.24	pass
11AC40	38	5190	Ant 1	41.32	pass
	46	5230	Ant 1	41.32	pass
	54	5270	Ant 1	41.50	pass
	62	5310	Ant 1	41.78	pass
	102	5510	Ant 1	41.28	pass
	134	5670	Ant 1	41.38	pass
11AC80	42	5210	Ant 1	82.72	pass
	58	5290	Ant 1	82.93	pass
	106	5530	Ant 1	83.09	pass

Test Mode	Test Channel	Frequency [MHz]	Ant	6dB Emission Bandwidth [MHz]	Verdict
11A	149	5745	Ant 1	16.38	pass
	165	5825	Ant 1	16.38	pass
11N20	149	5745	Ant 1	17.64	pass
	165	5825	Ant 1	17.64	pass
11N40	151	5755	Ant 1	36.38	pass
	159	5795	Ant 1	36.38	pass
11AC20	149	5745	Ant 1	17.64	pass
	165	5825	Ant 1	17.64	pass
11AC40	151	5755	Ant 1	36.38	pass
	159	5795	Ant 1	36.38	pass
11AC80	155	5775	Ant 1	76.43	pass

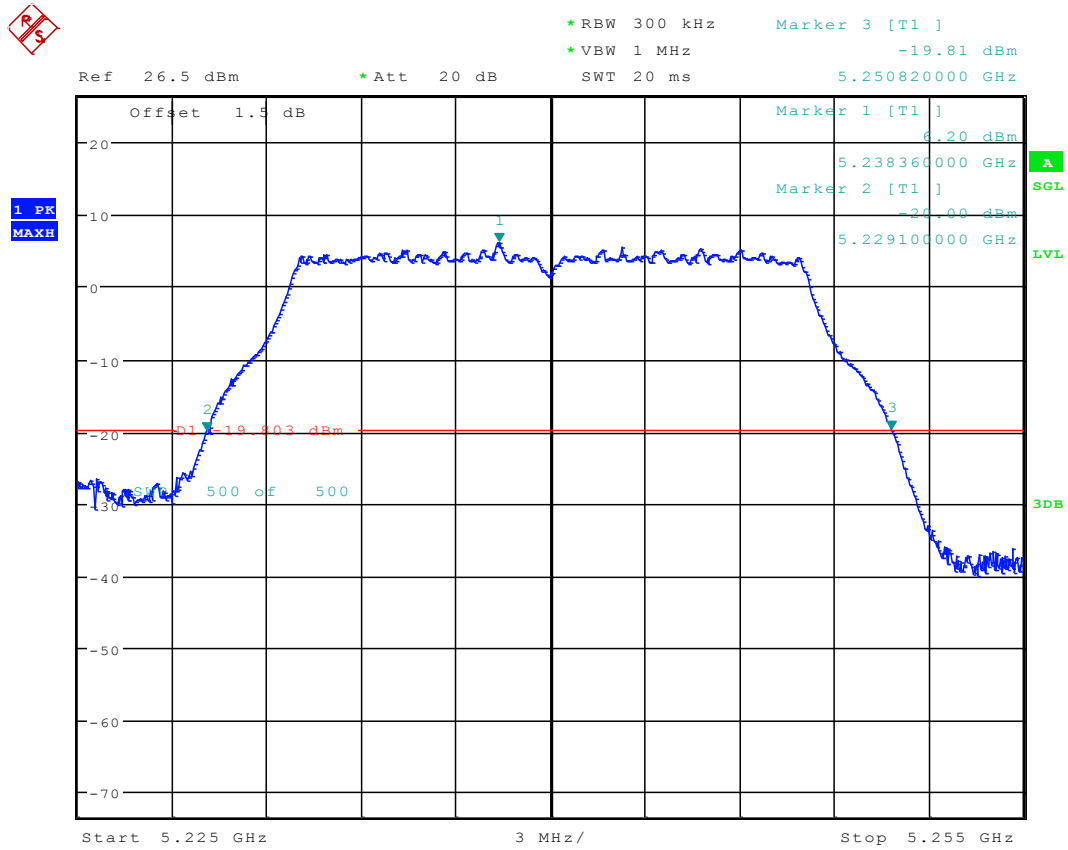
2 Test Plot for 26dBEmission Bandwidth

2.1 11A_36 Ant 1



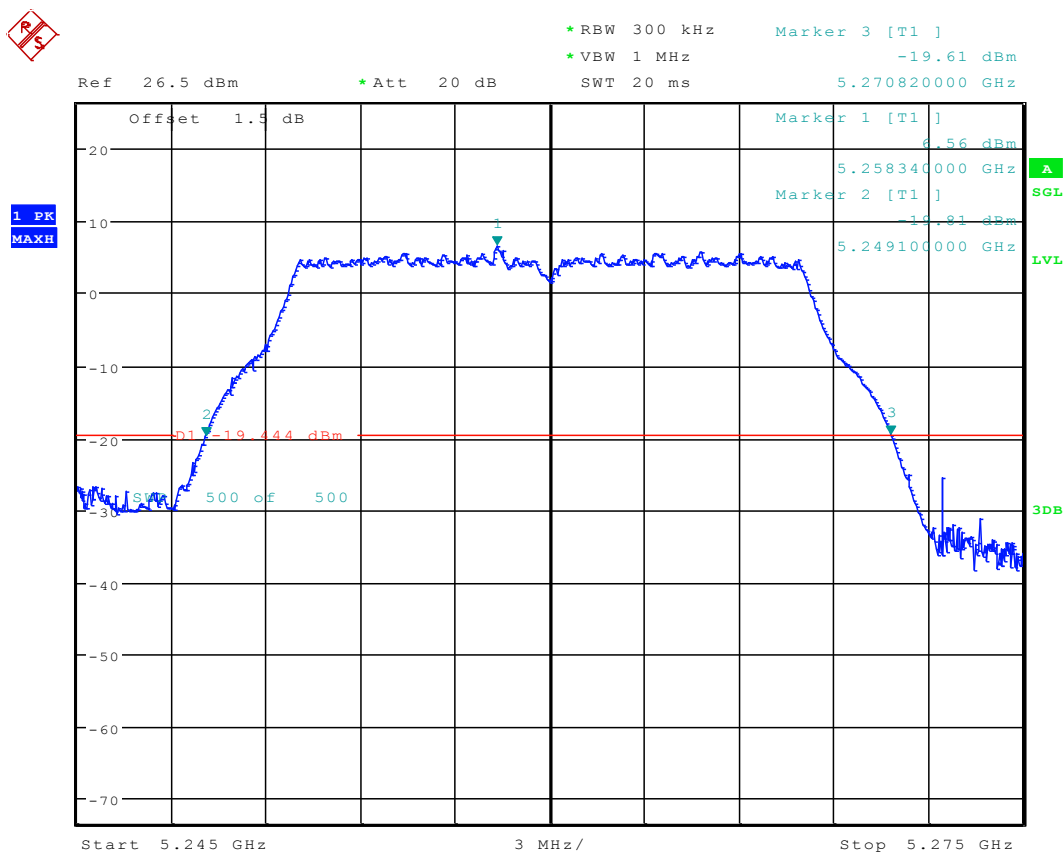
Date: 5.DEC.2016 11:28:53

2.2 11A_48 Ant 1



Date: 5.DEC.2016 11:34:22

2.3 11A_52 Ant 1

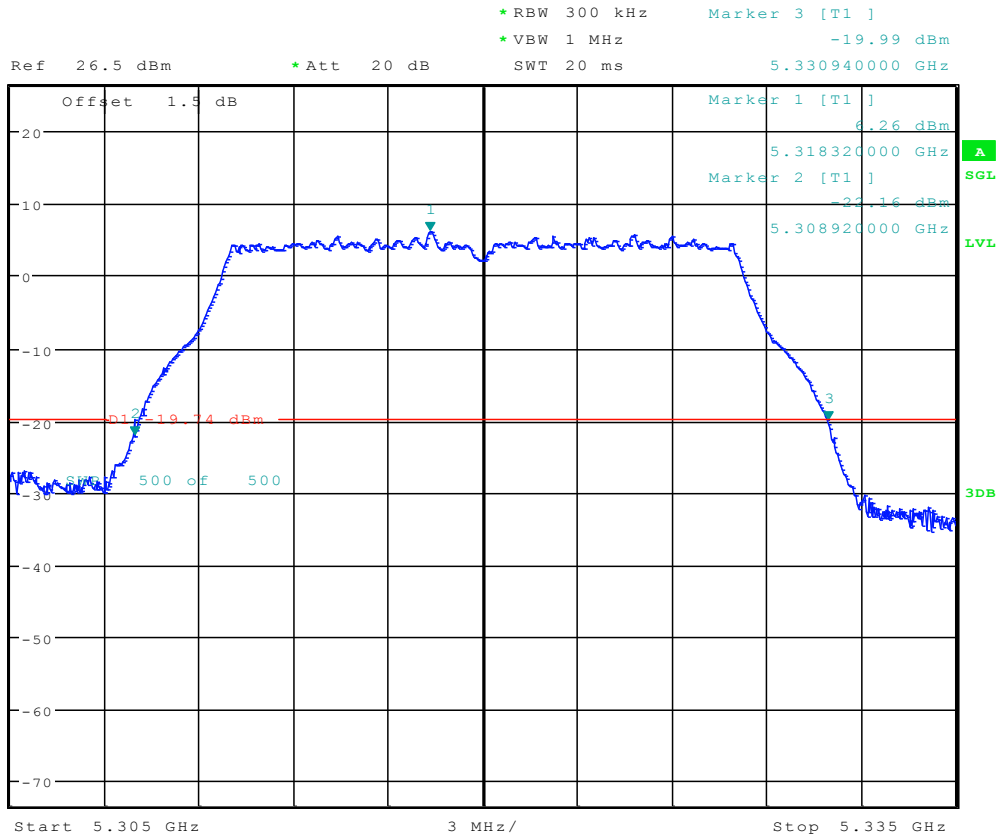


Date: 5.DEC.2016 11:42:59

2.4 11A_64 Ant 1

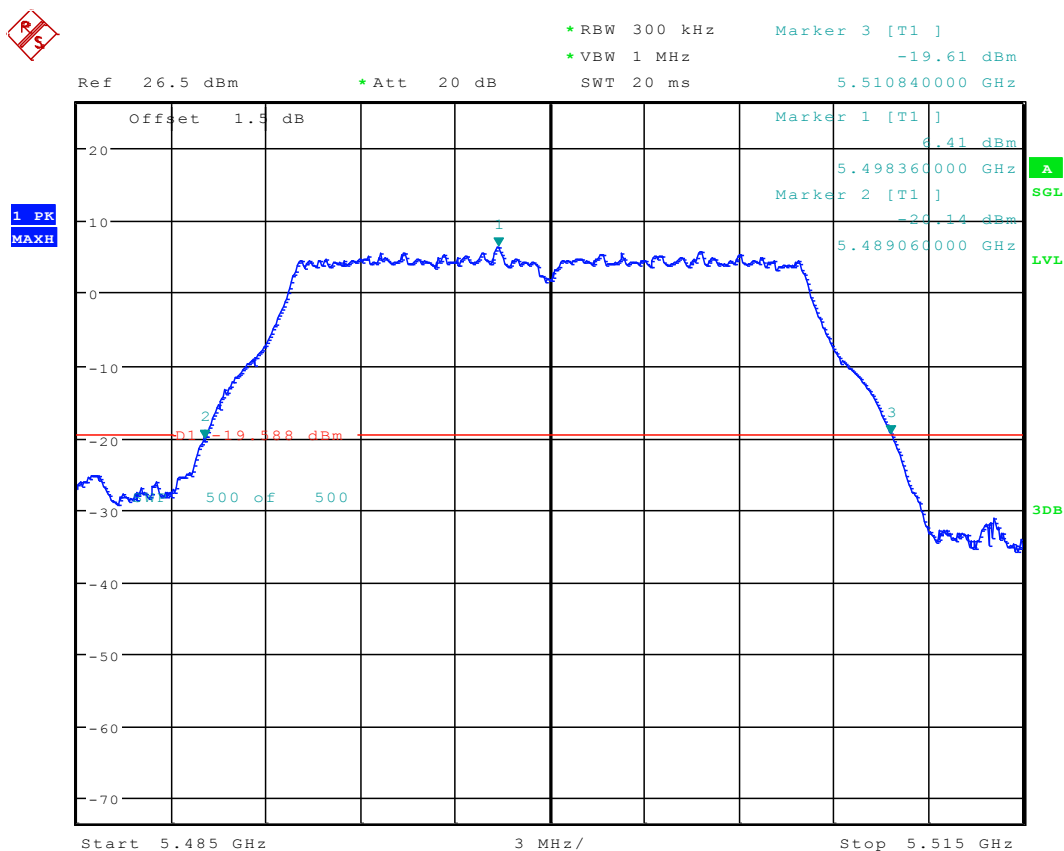


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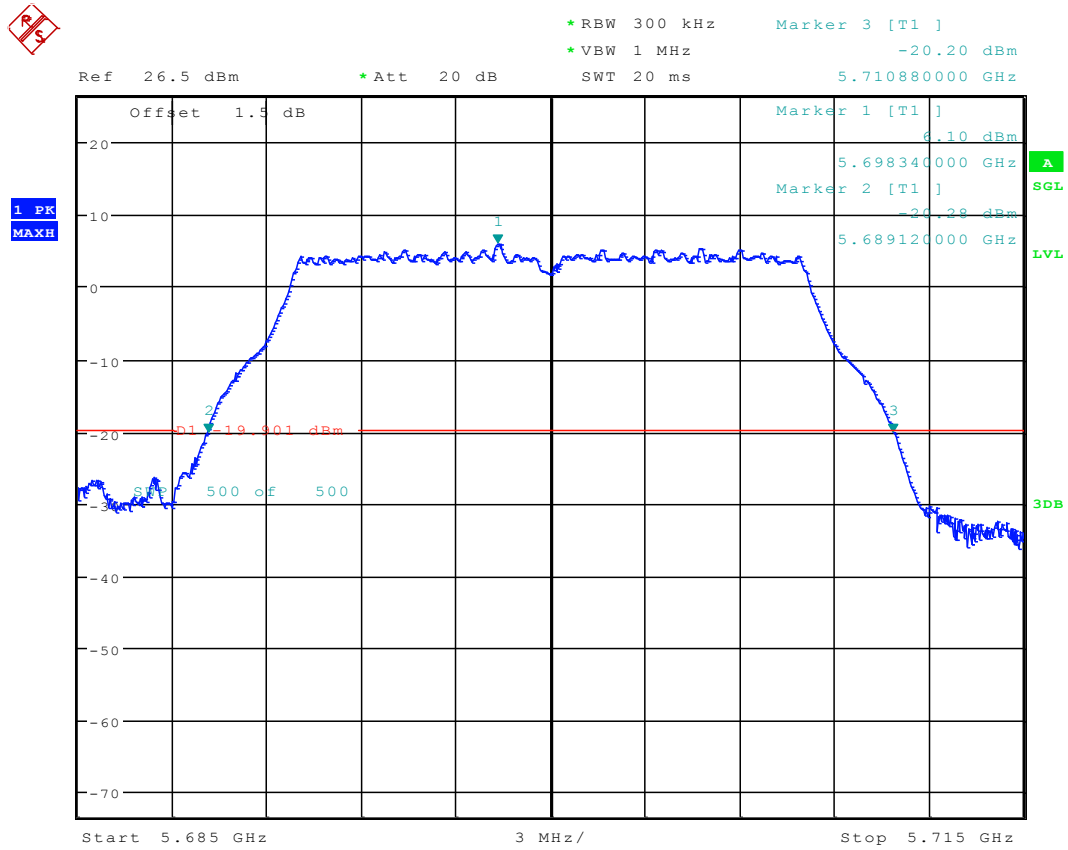
Date: 5.DEC.2016 11:48:17

2.5 11A_100 Ant 1



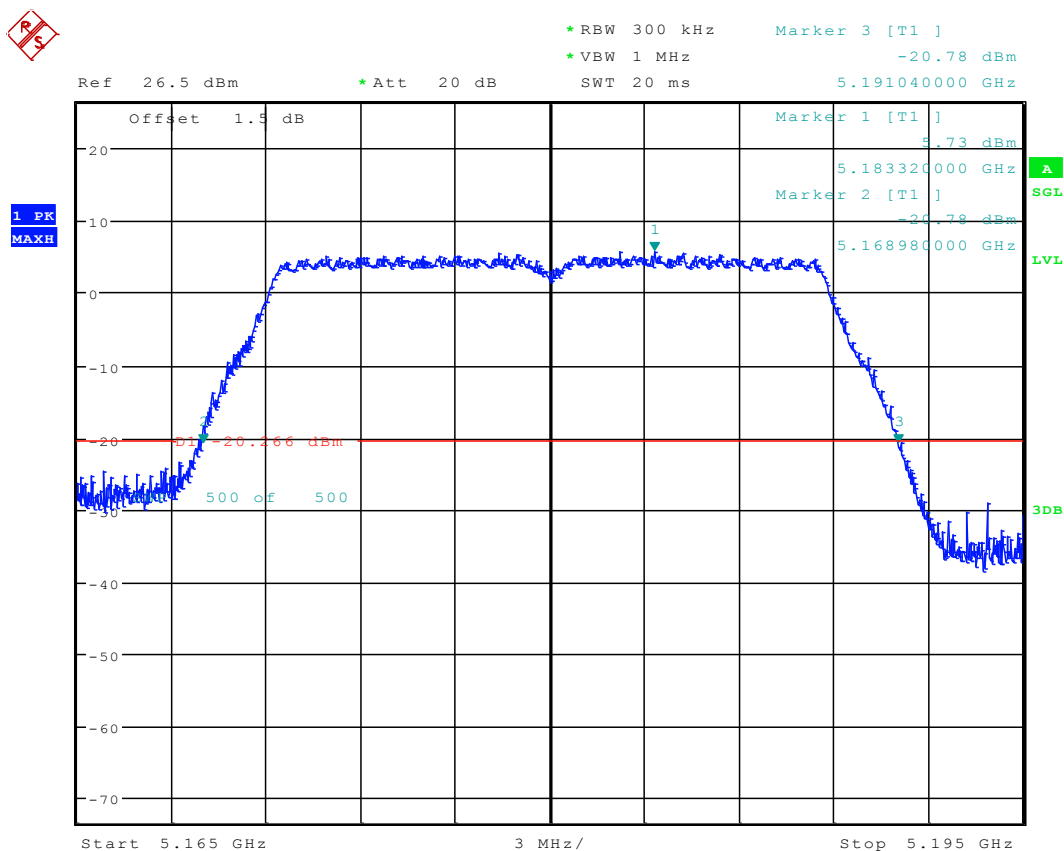
Date: 5.DEC.2016 11:54:28

2.6 11A_140 Ant 1



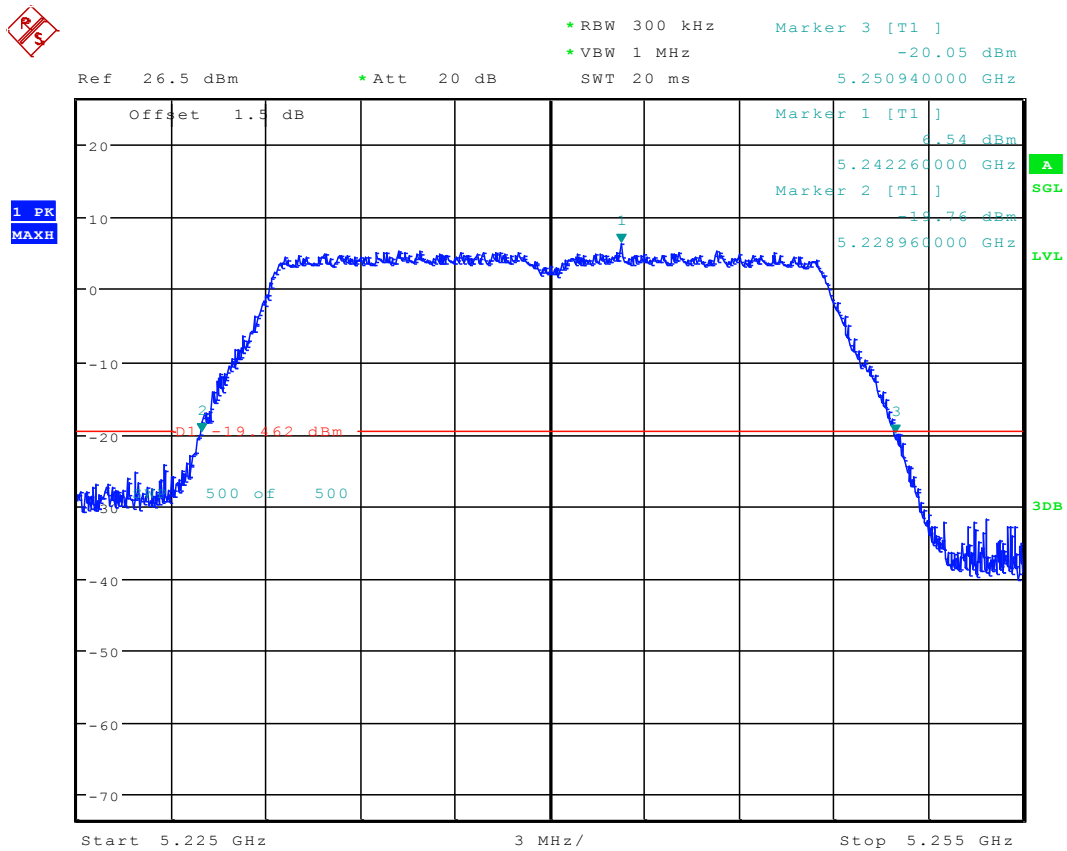
Date: 5.DEC.2016 11:59:45

2.7 1N20_36 Ant 1



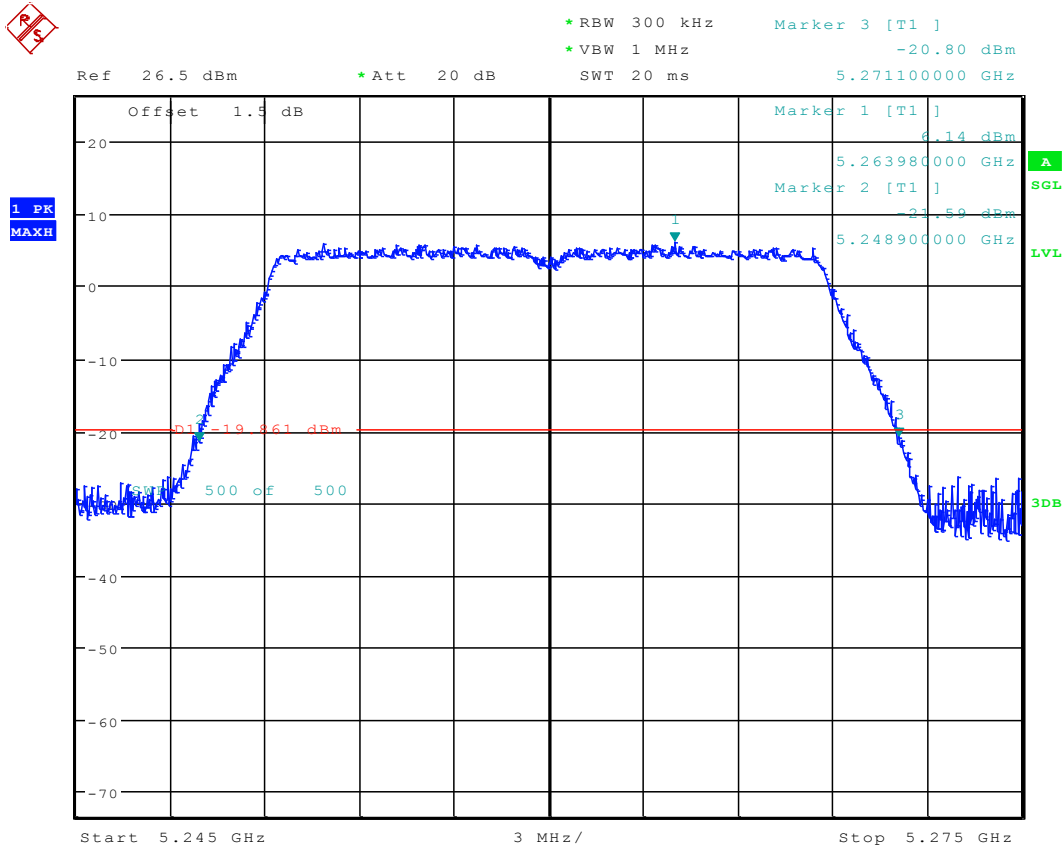
Date: 5.DEC.2016 12:21:59

2.8 11N20_48 Ant 1



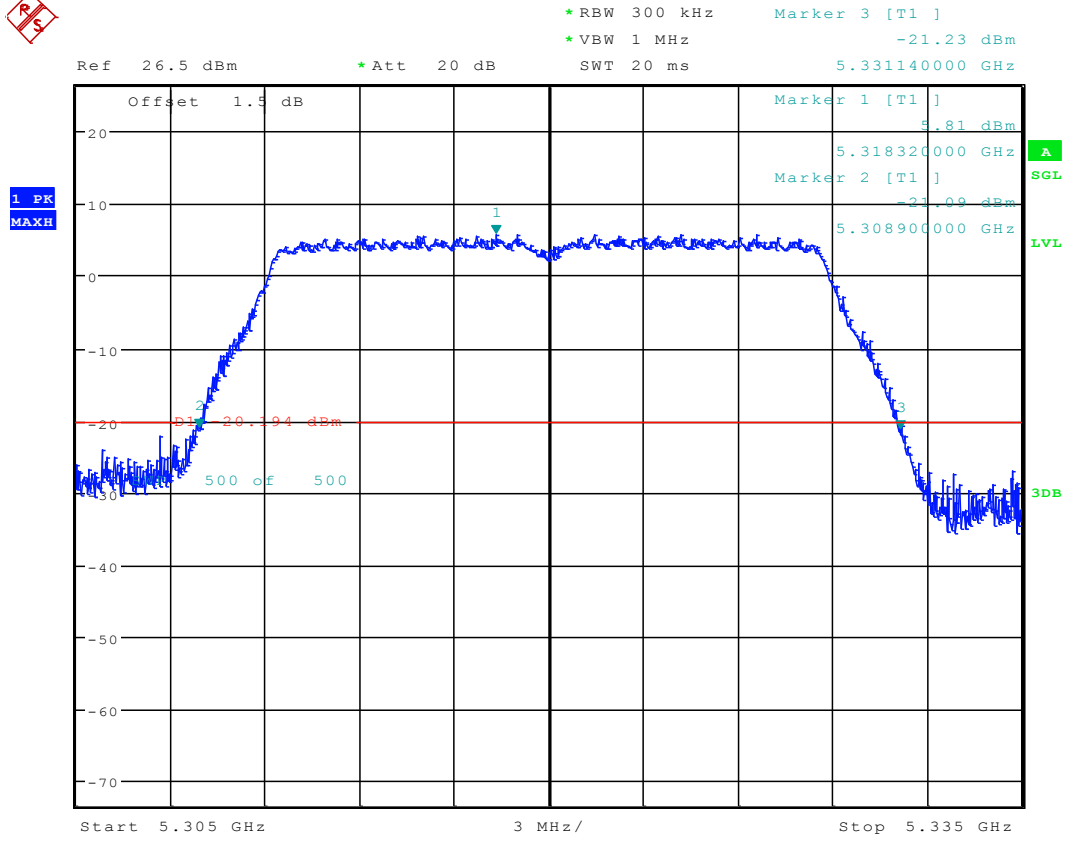
Date: 5.DEC.2016 12:28:47

2.9 11N20_52 Ant 1



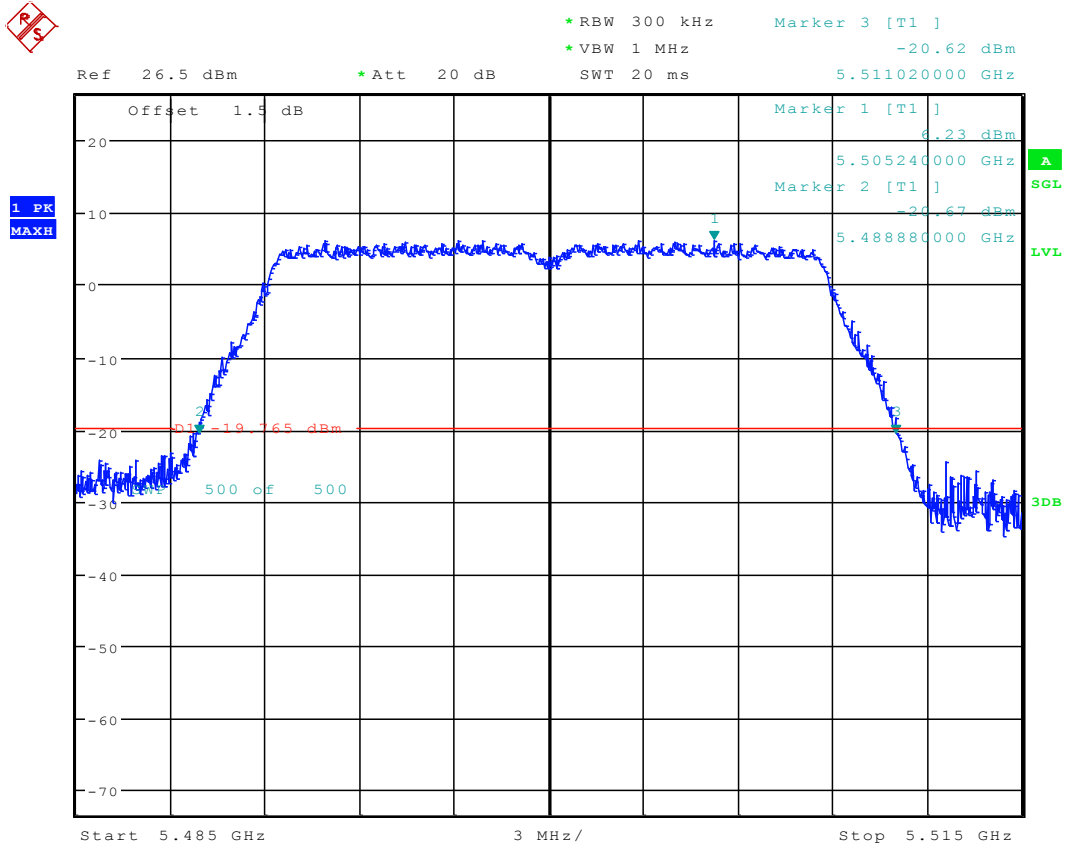
Date: 5.DEC.2016 12:34:12

2.10 11N20_64 Ant 1



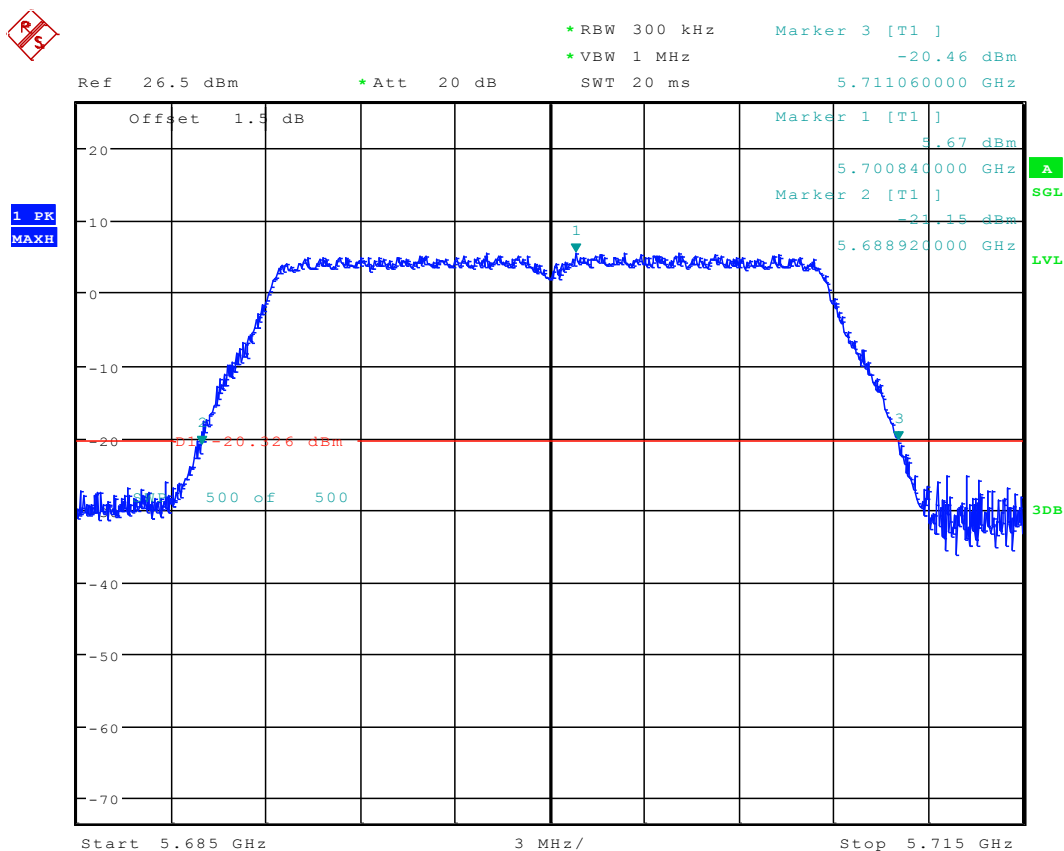
Date: 5.DEC.2016 12:39:42

2.11 11N20_100 Ant 1



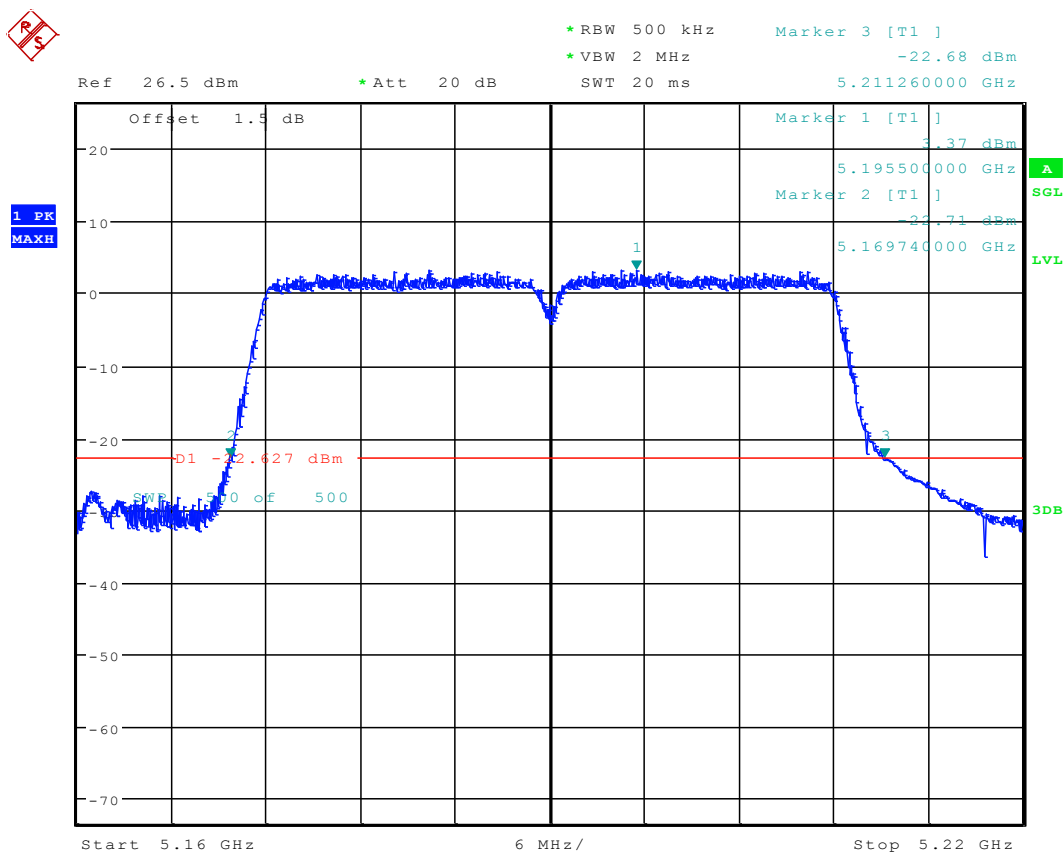
Date: 5.DEC.2016 12:48:15

2.12 11N20_140 Ant 1



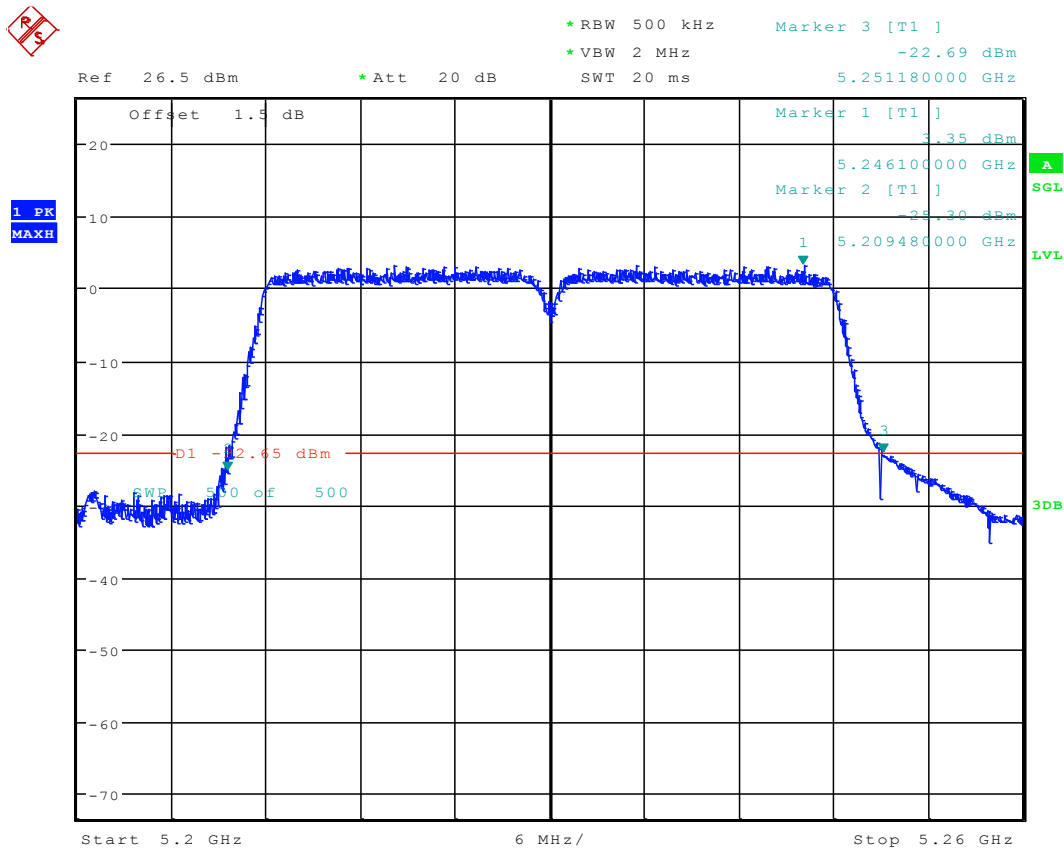
Date: 5.DEC.2016 14:40:12

2.13 11N40_38 Ant 1



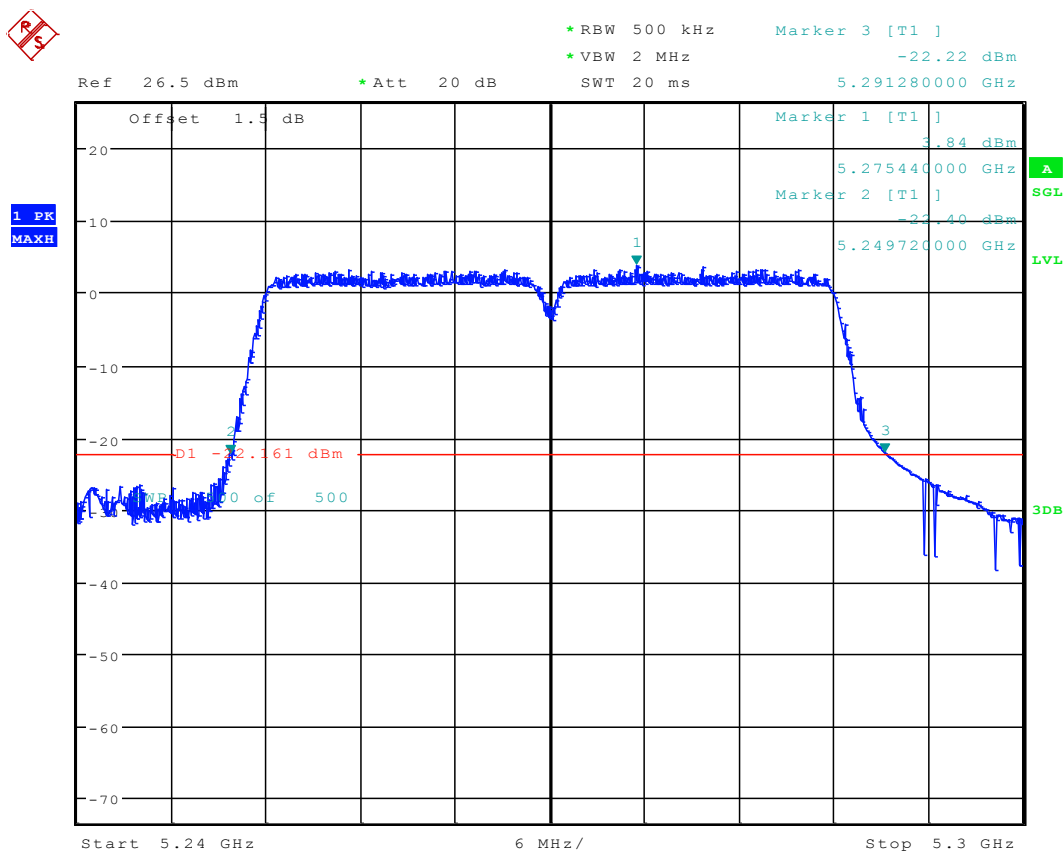
Date: 5.DEC.2016 14:49:08

2.14 11N40_46 Ant 1



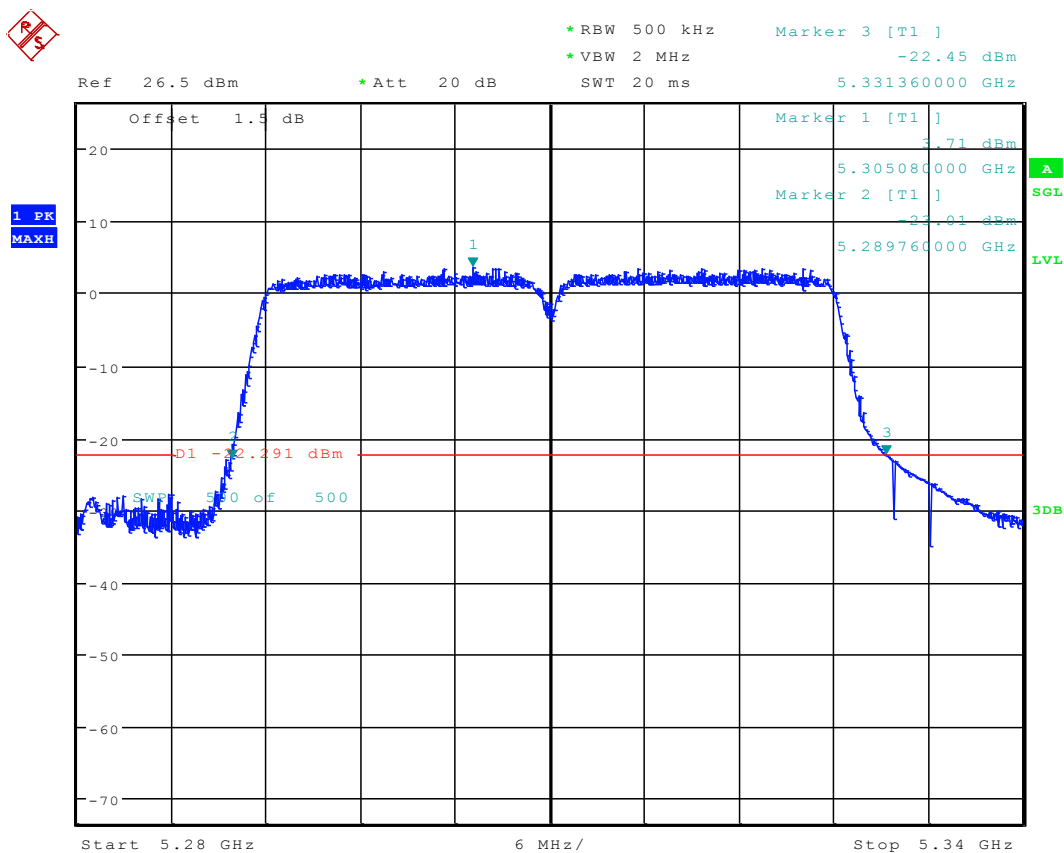
Date: 5.DEC.2016 14:54:30

2.15 11N40_54 Ant 1



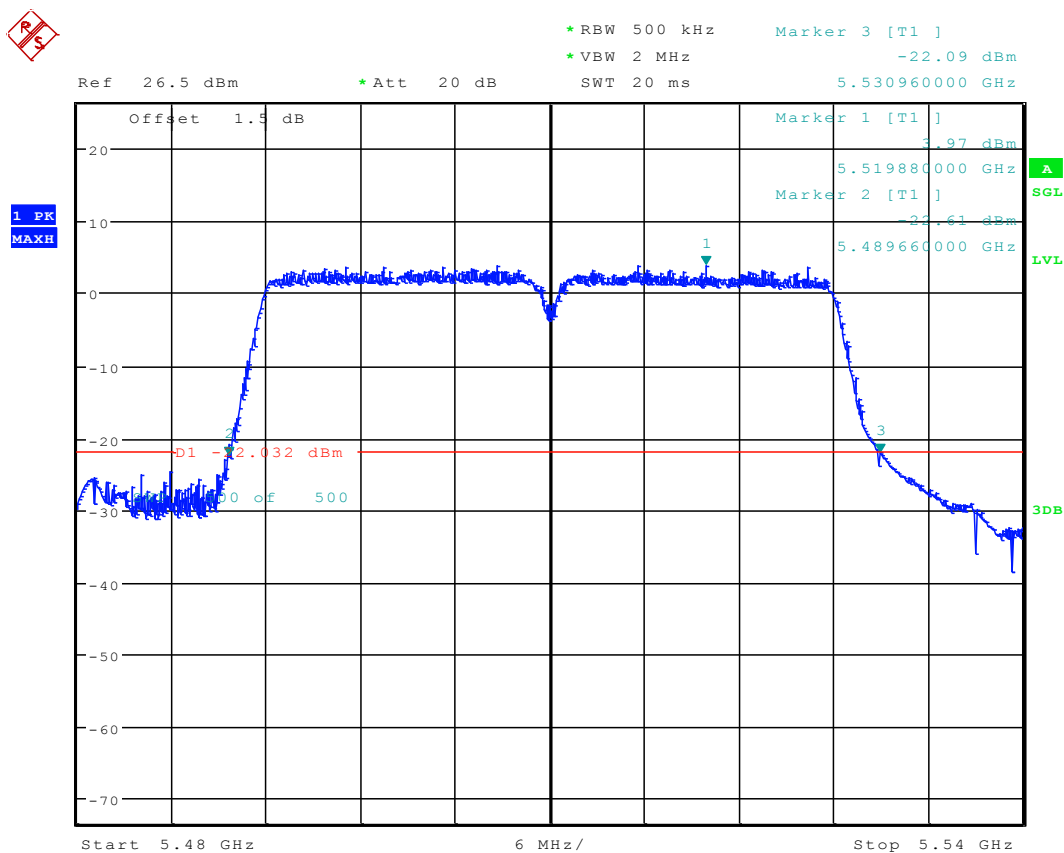
Date: 5.DEC.2016 14:59:38

2.16 11N40_62 Ant 1



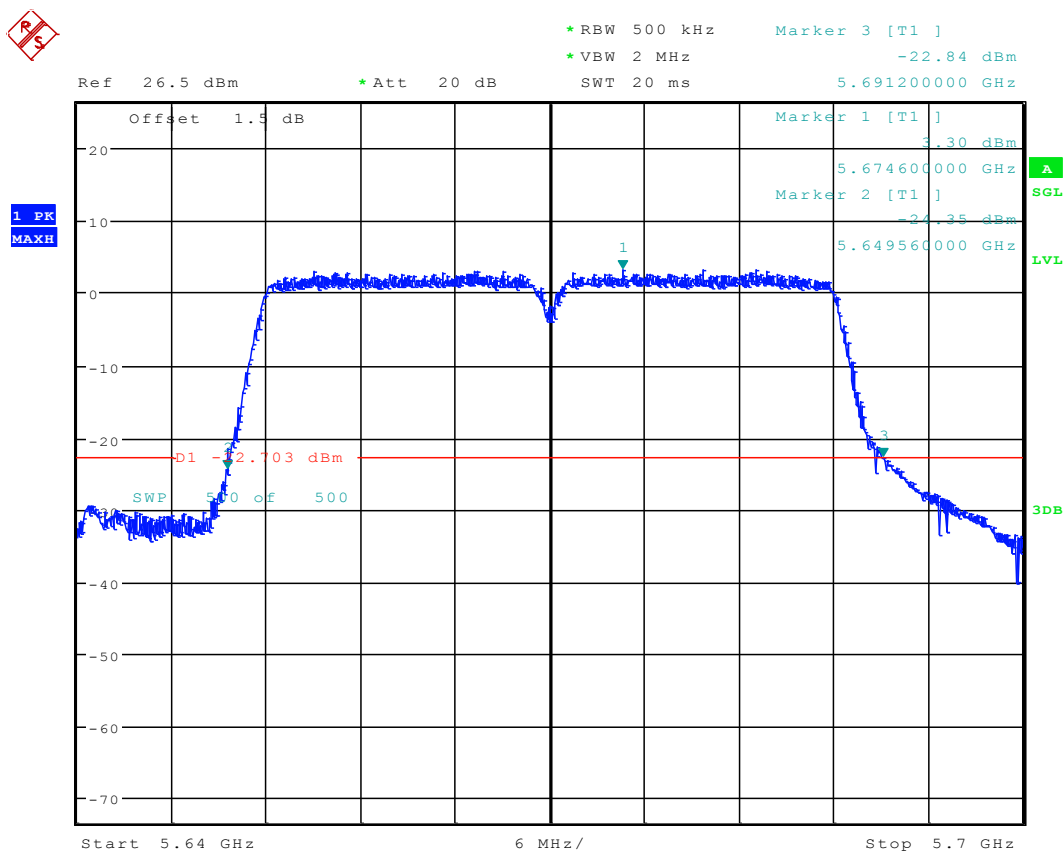
Date: 5.DEC.2016 15:04:22

2.17 11N40_102 Ant 1



Date: 5.DEC.2016 15:09:31

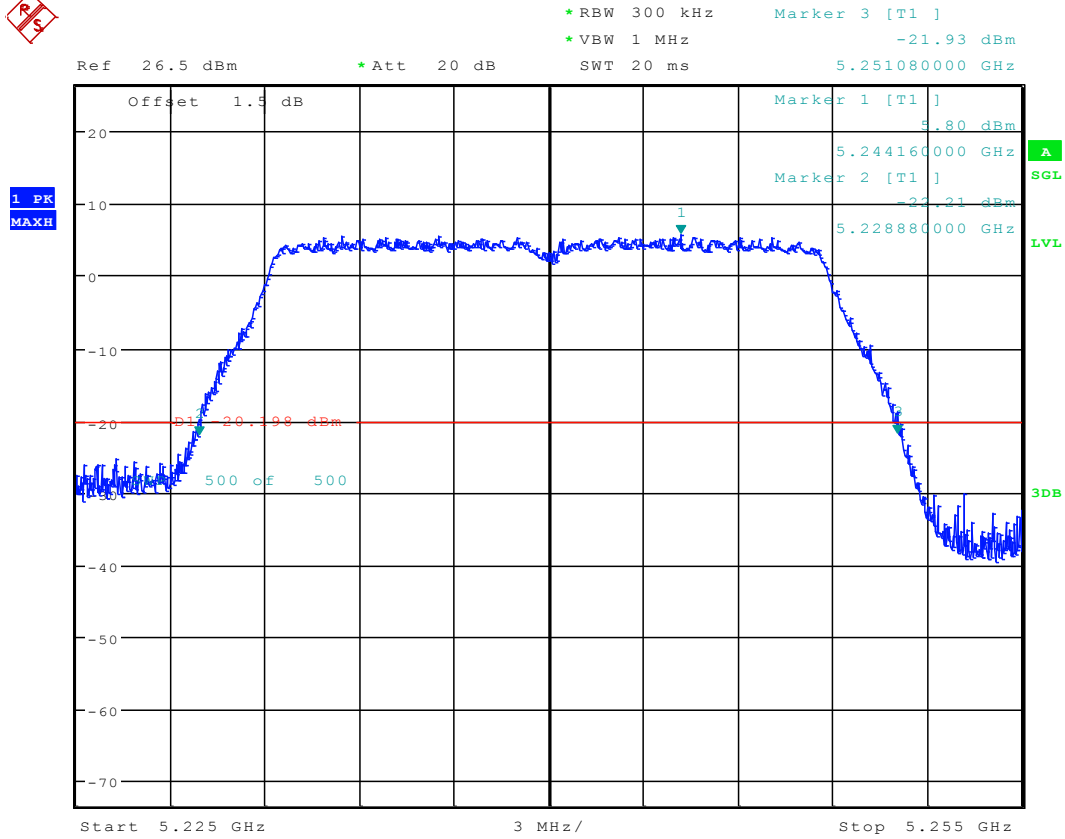
2.18 11N40_134 Ant 1



Date: 5.DEC.2016 15:12:45

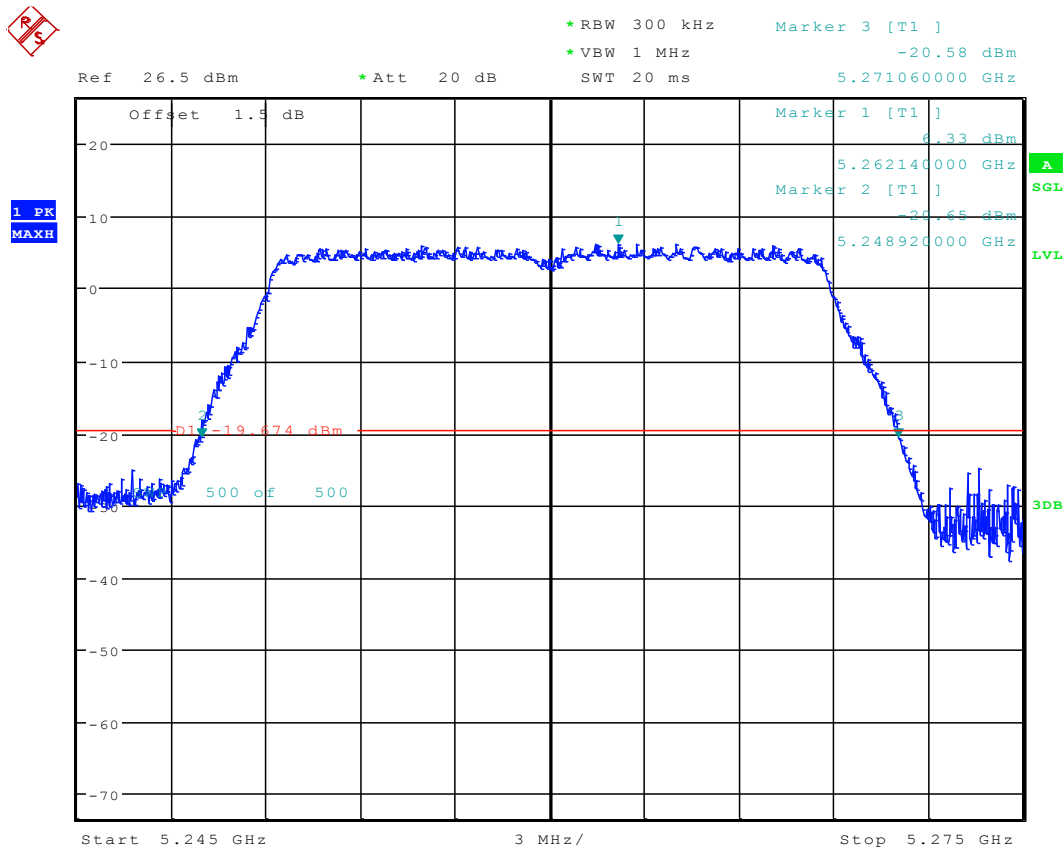


2.20 11AC20_48 Ant 1



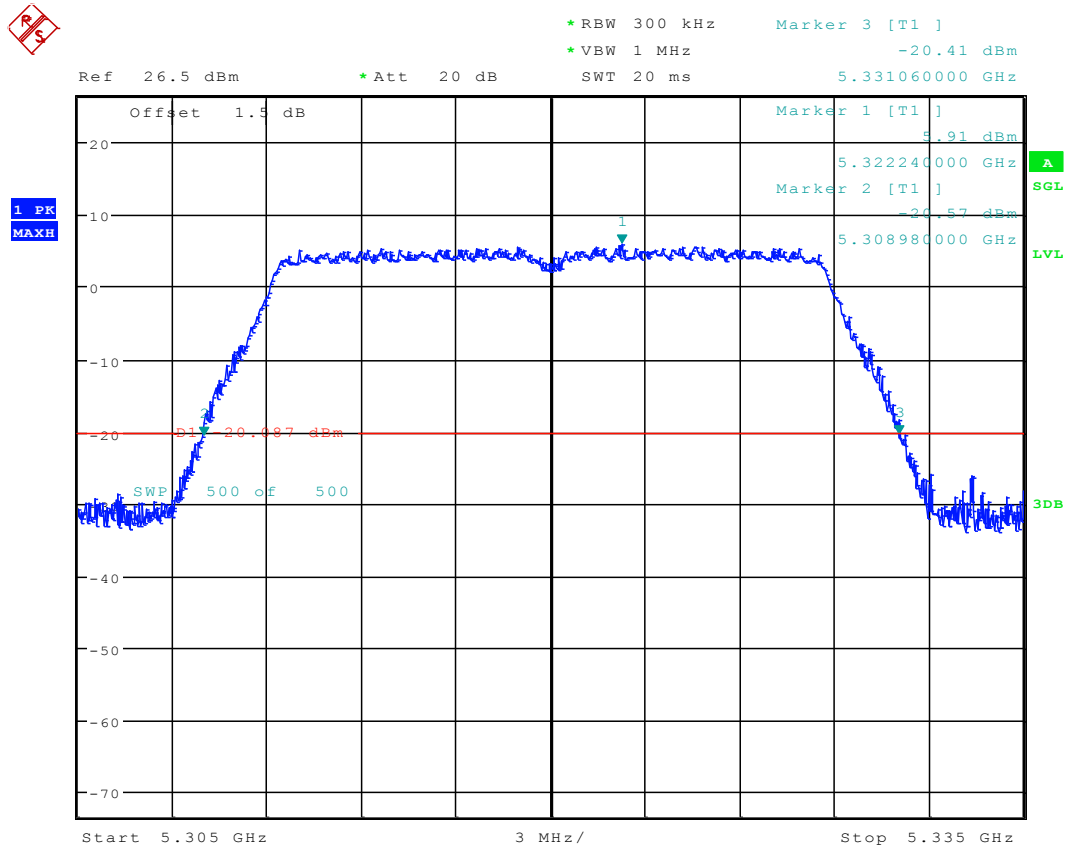
Date: 5.DEC.2016 15:48:09

2.21 11AC20_52 Ant 1



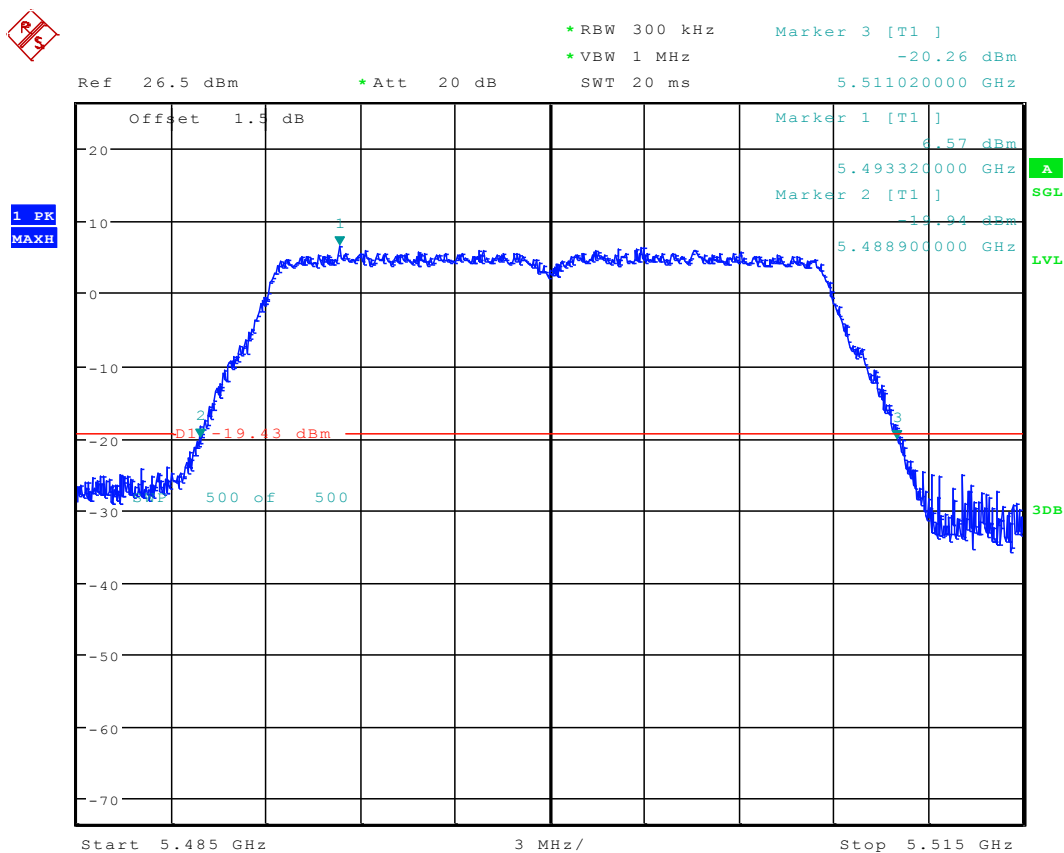
Date: 5.DEC.2016 15:53:19

2.22 11AC20_64 Ant 1



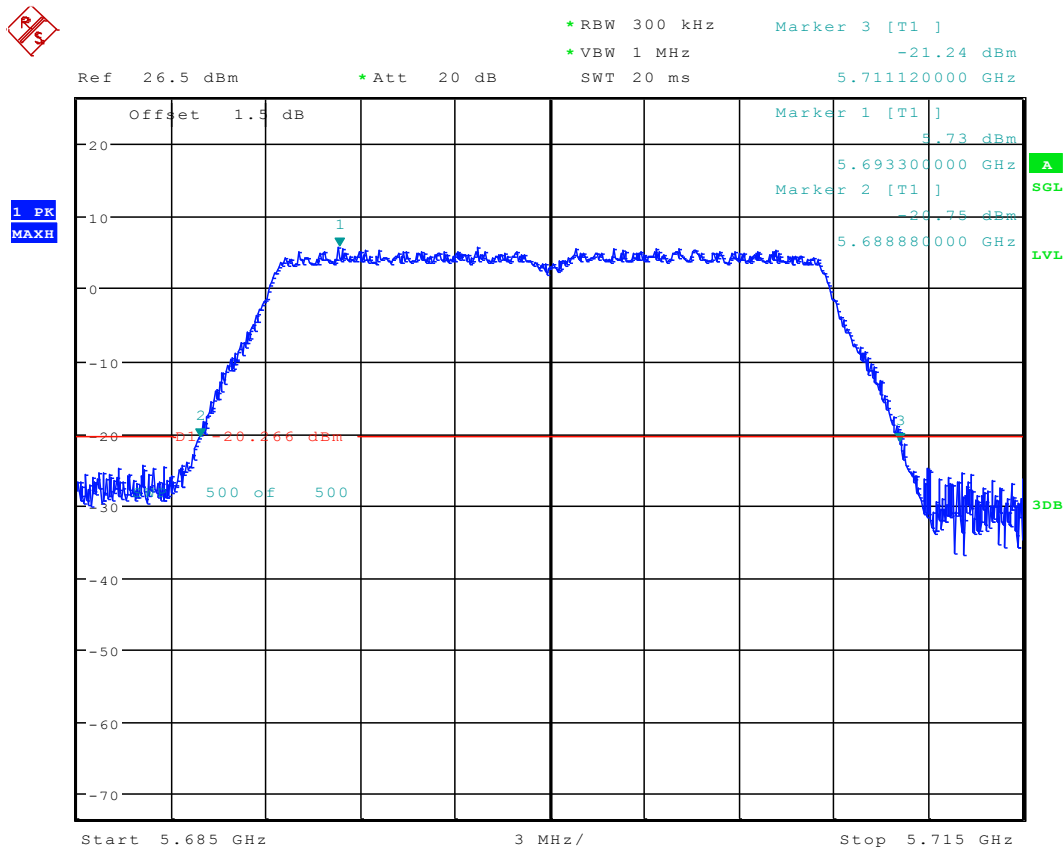
Date: 5.DEC.2016 15:58:55

2.23 11AC20_100 Ant 1



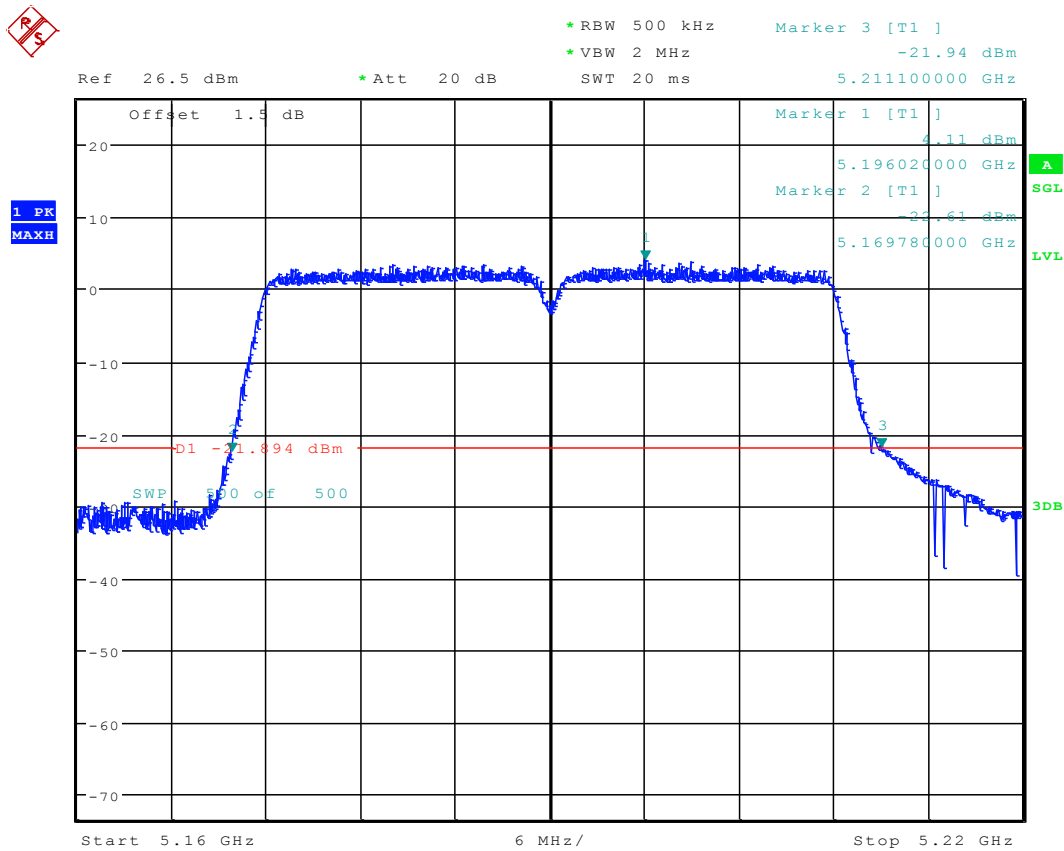
Date: 5.DEC.2016 16:04:58

2.24 11AC20_140 Ant 1



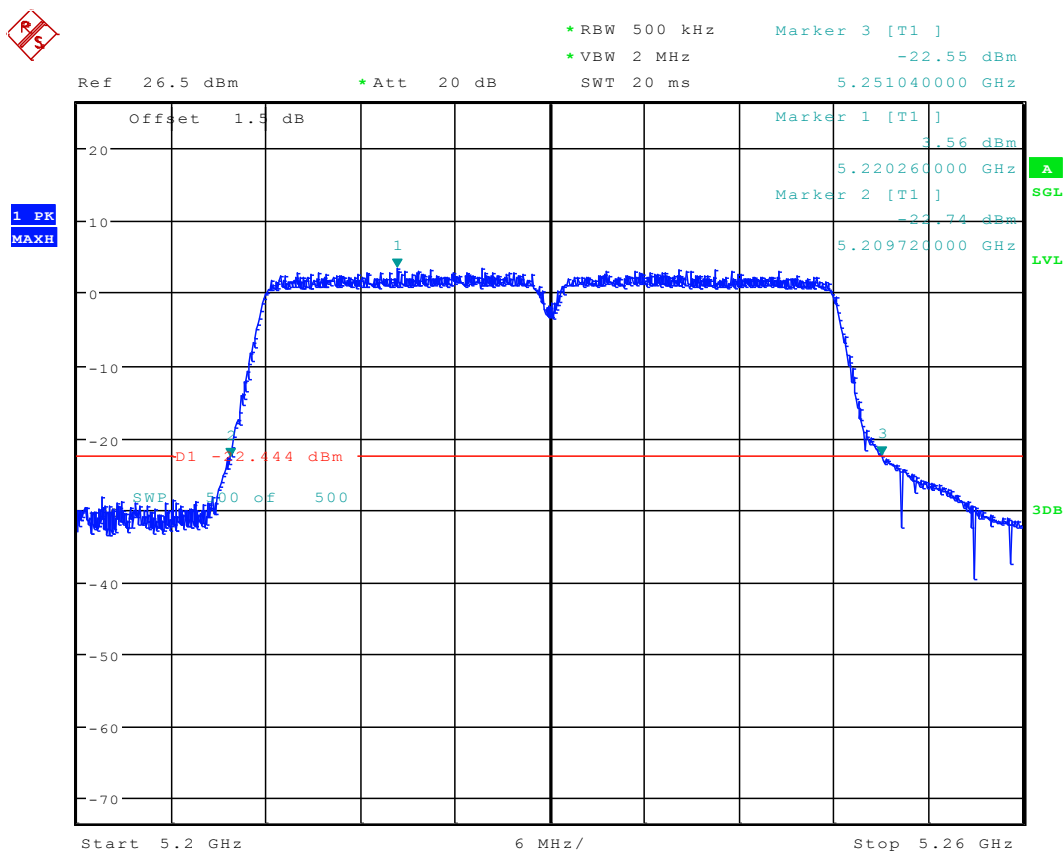
Date: 5.DEC.2016 16:11:56

2.25 11AC40_38 Ant 1



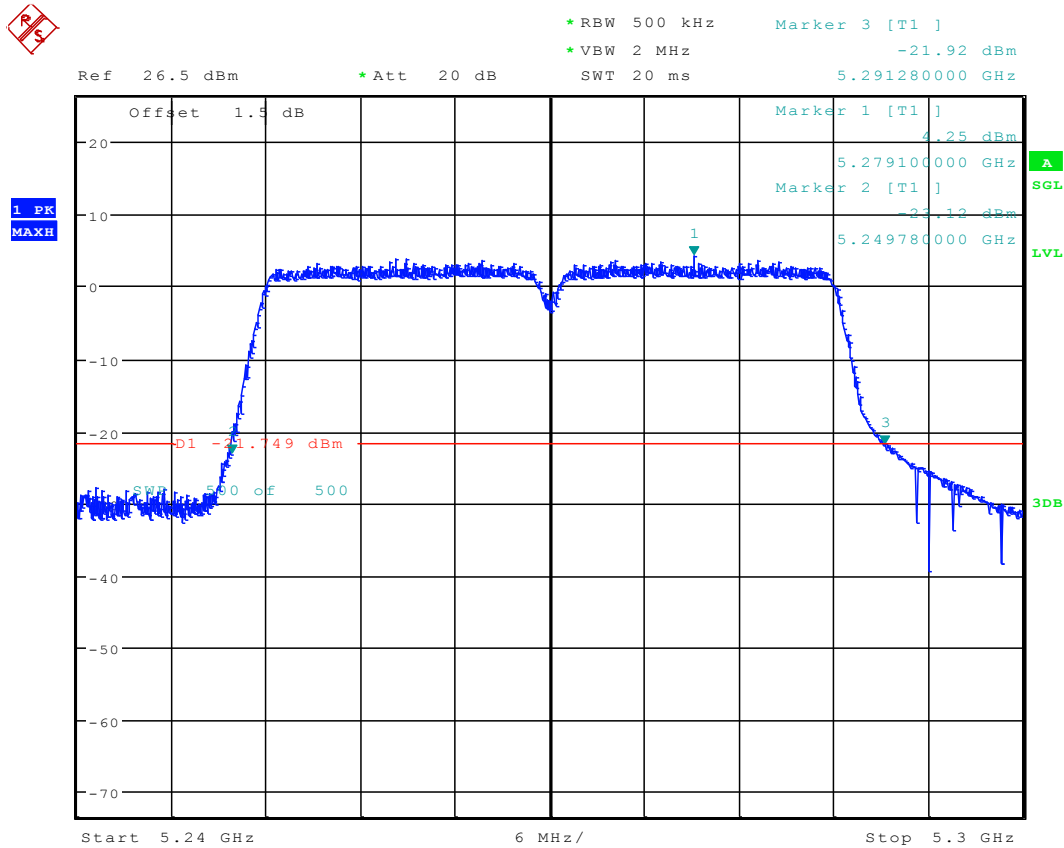
Date: 6.DEC.2016 10:34:33

2.26 11AC40_46 Ant 1



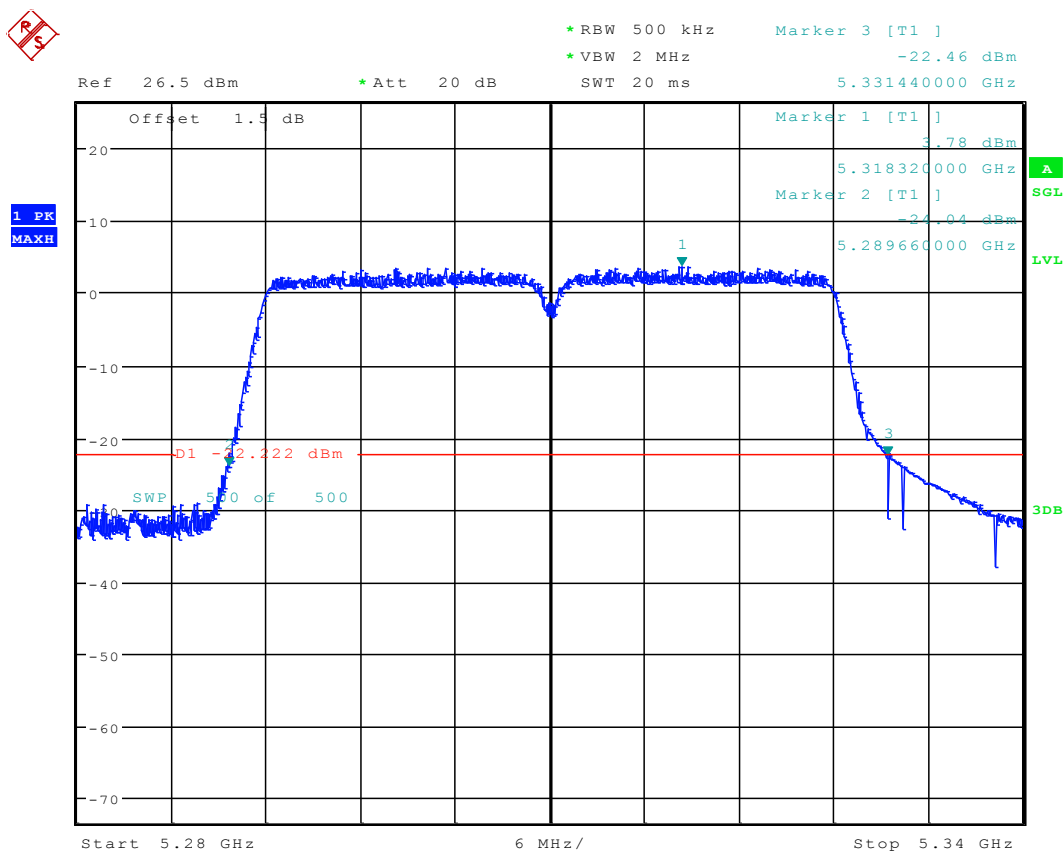
Date: 6.DEC.2016 10:25:27

2.27 11AC40_54 Ant 1



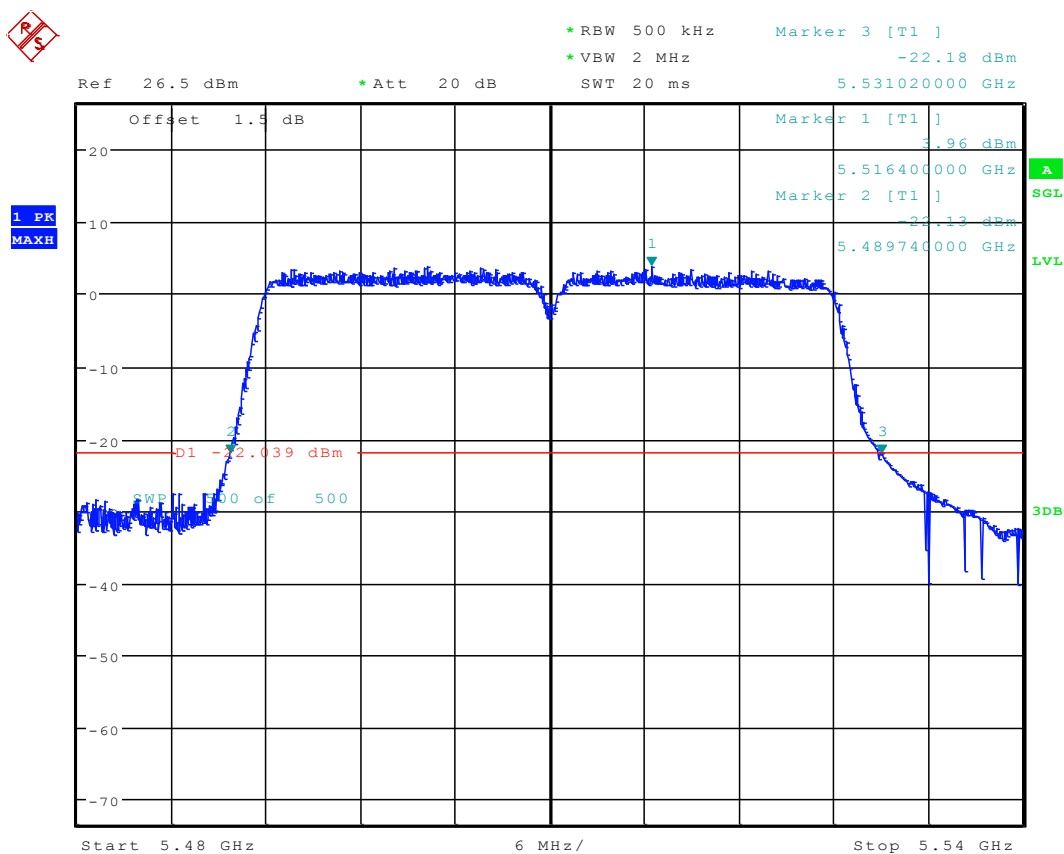
Date: 6.DEC.2016 10:32:28

2.28 11AC40_62 Ant 1



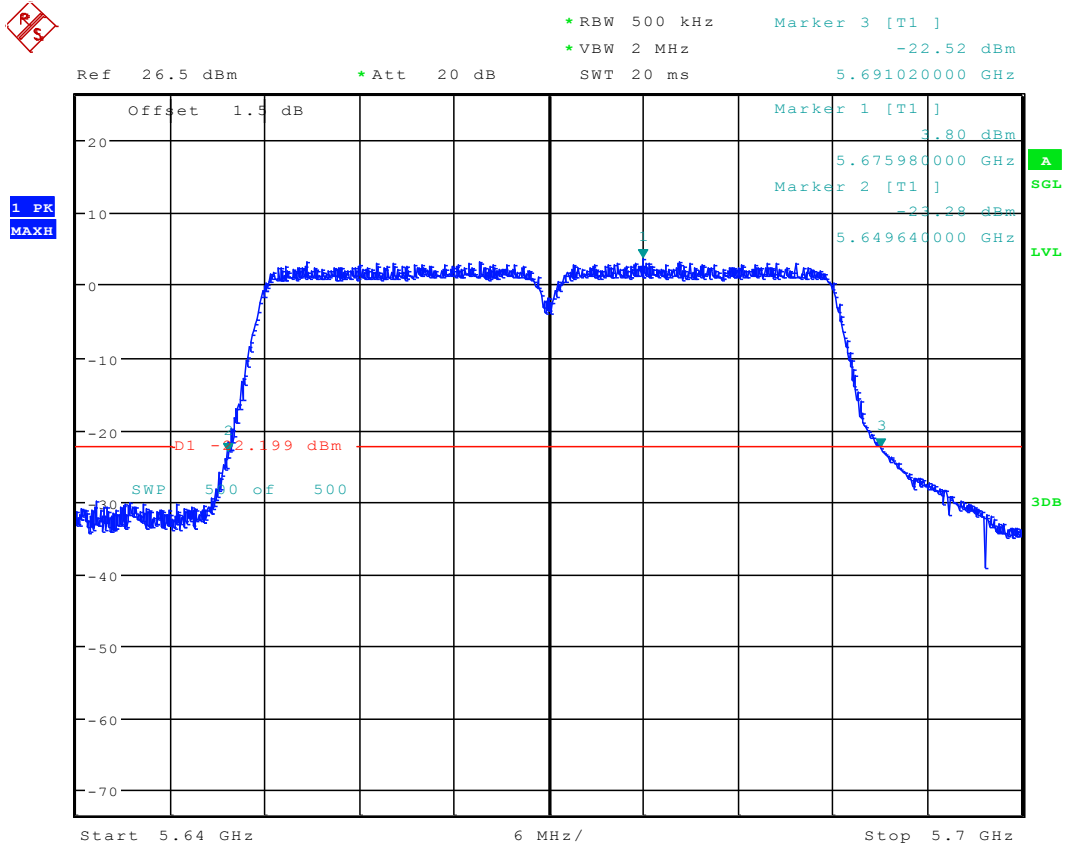
Date: 5.DEC.2016 17:17:14

2.29 11AC40_102 Ant 1

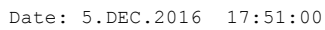


Date: 5.DEC.2016 17:23:24

2.30 11AC40_134 Ant 1

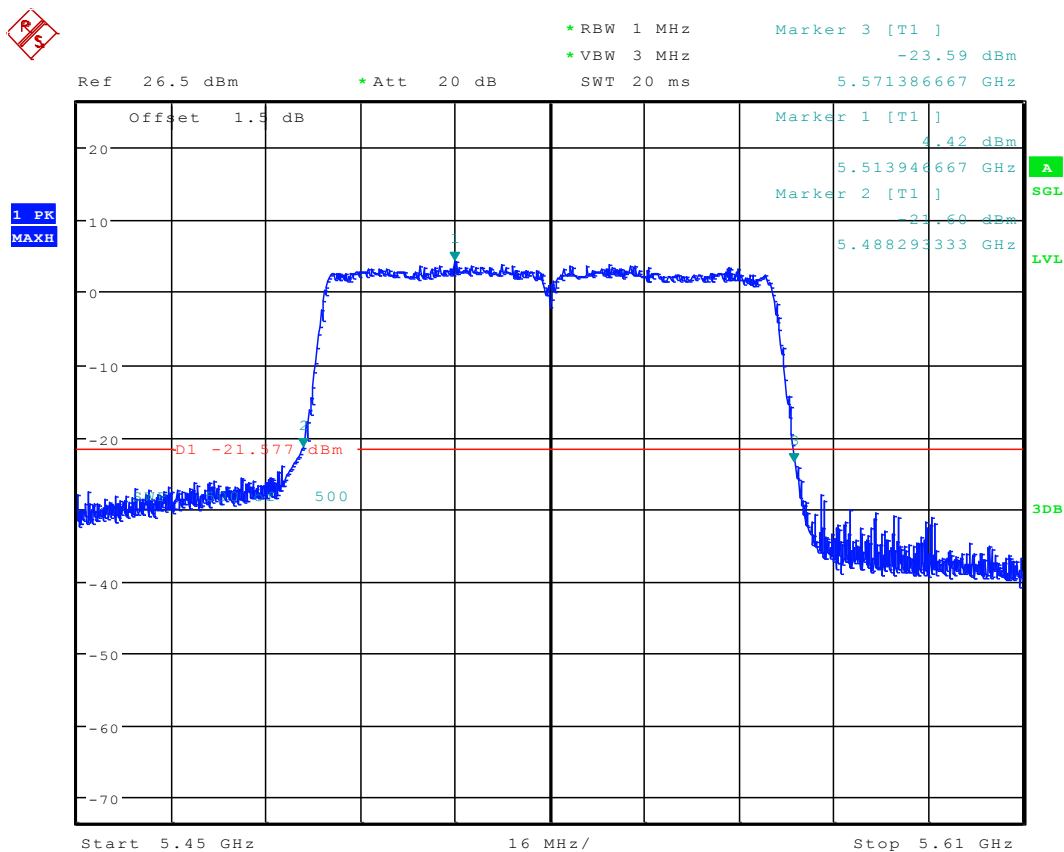


Date: 5.DEC.2016 17:27:04





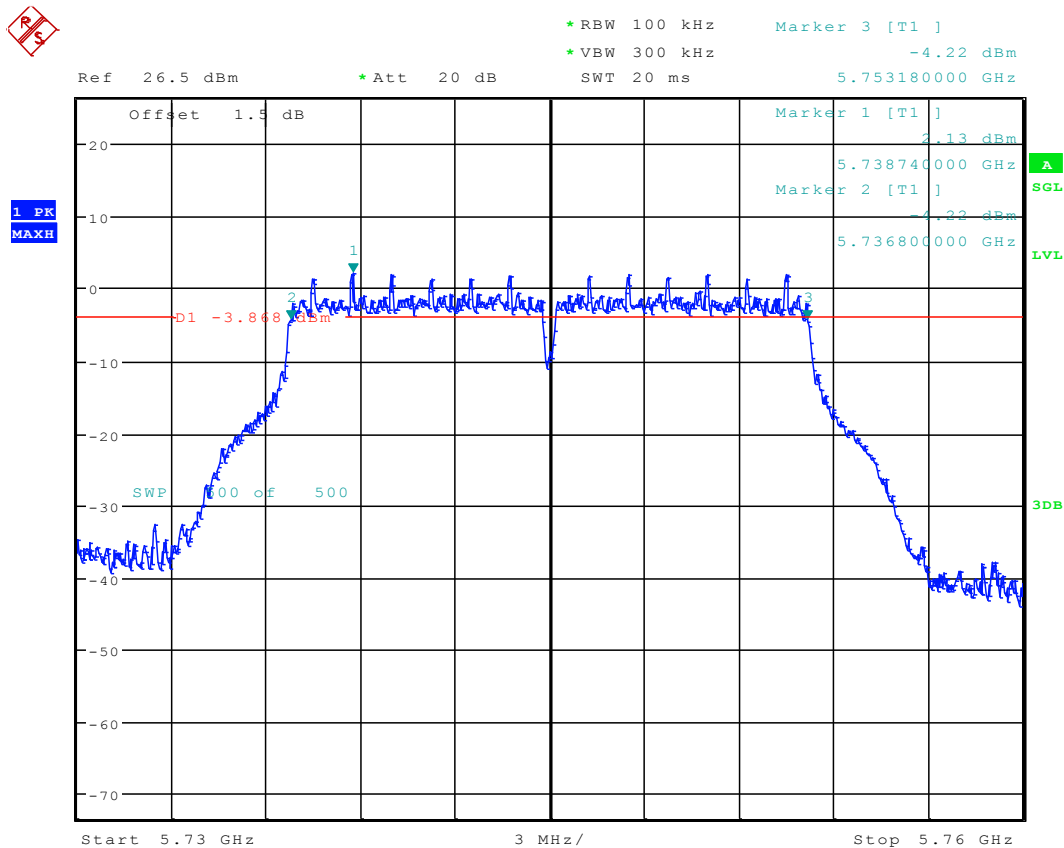
2.33 11AC80_106 Ant 1



Date: 5.DEC.2016 18:06:29

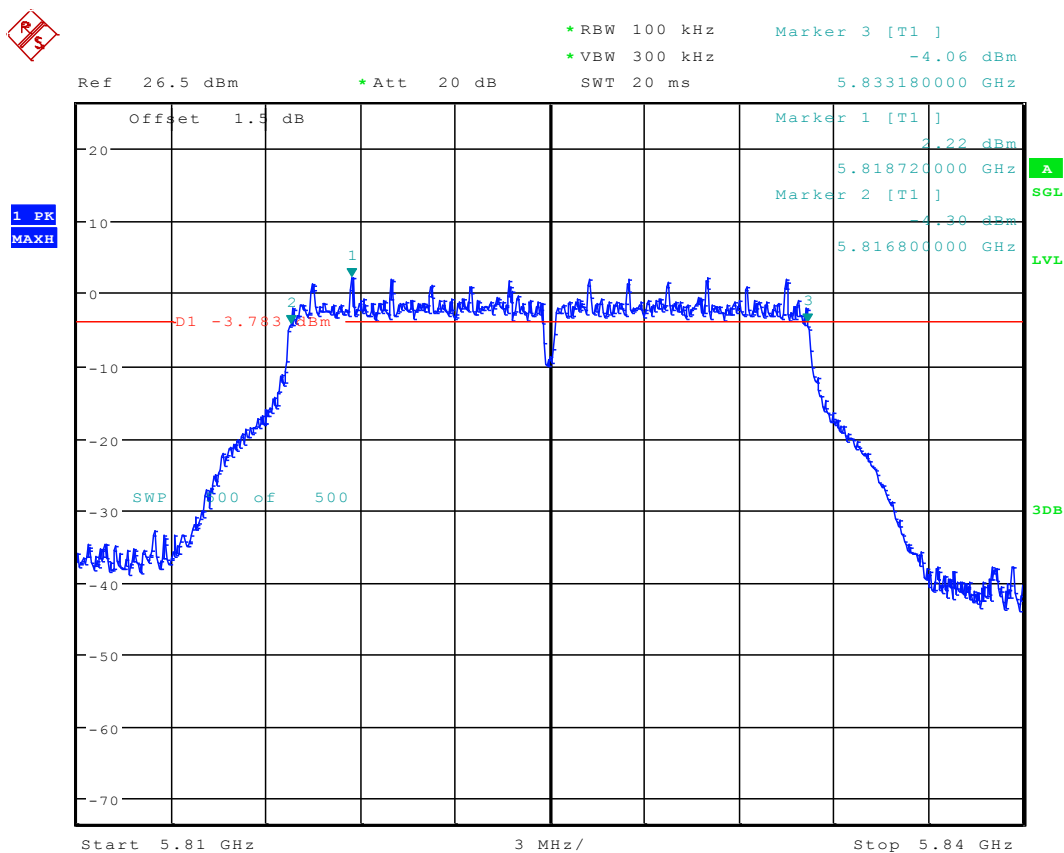
3 Test Plot for 6dBEmission Bandwidth

3.1 11A_149 Ant 1



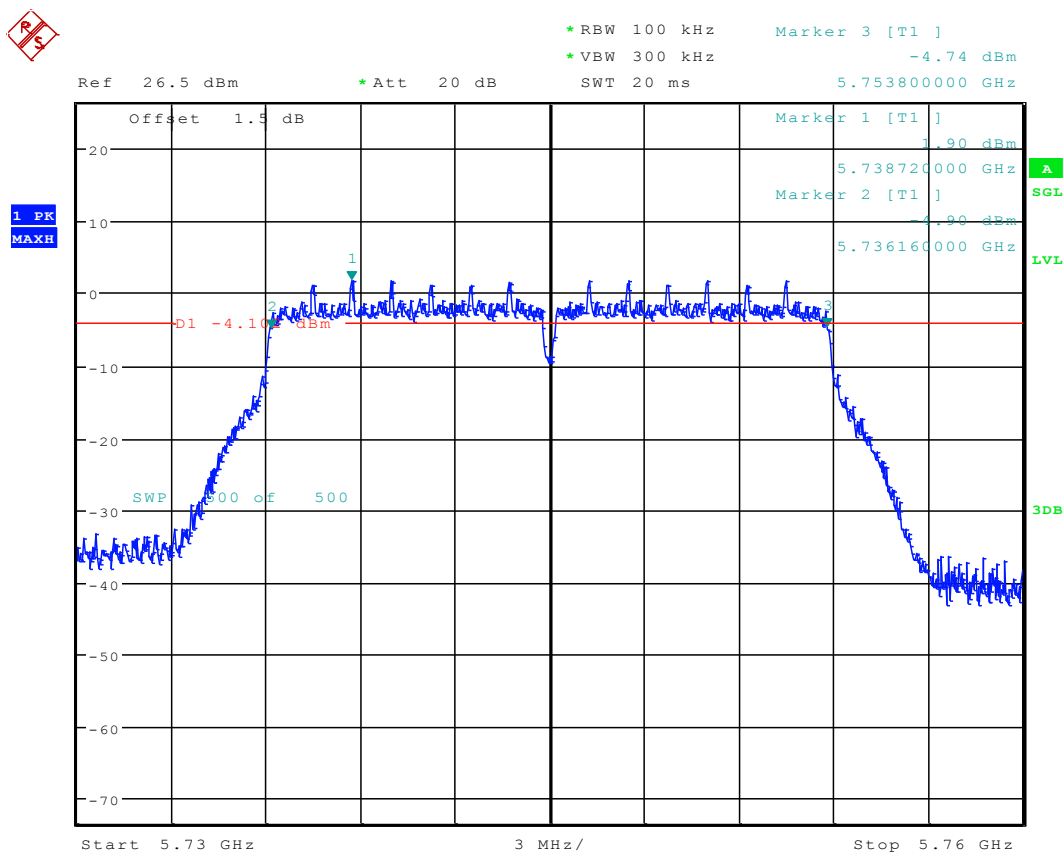
Date: 5.DEC.2016 12:08:46

3.2 11A_165 Ant 1



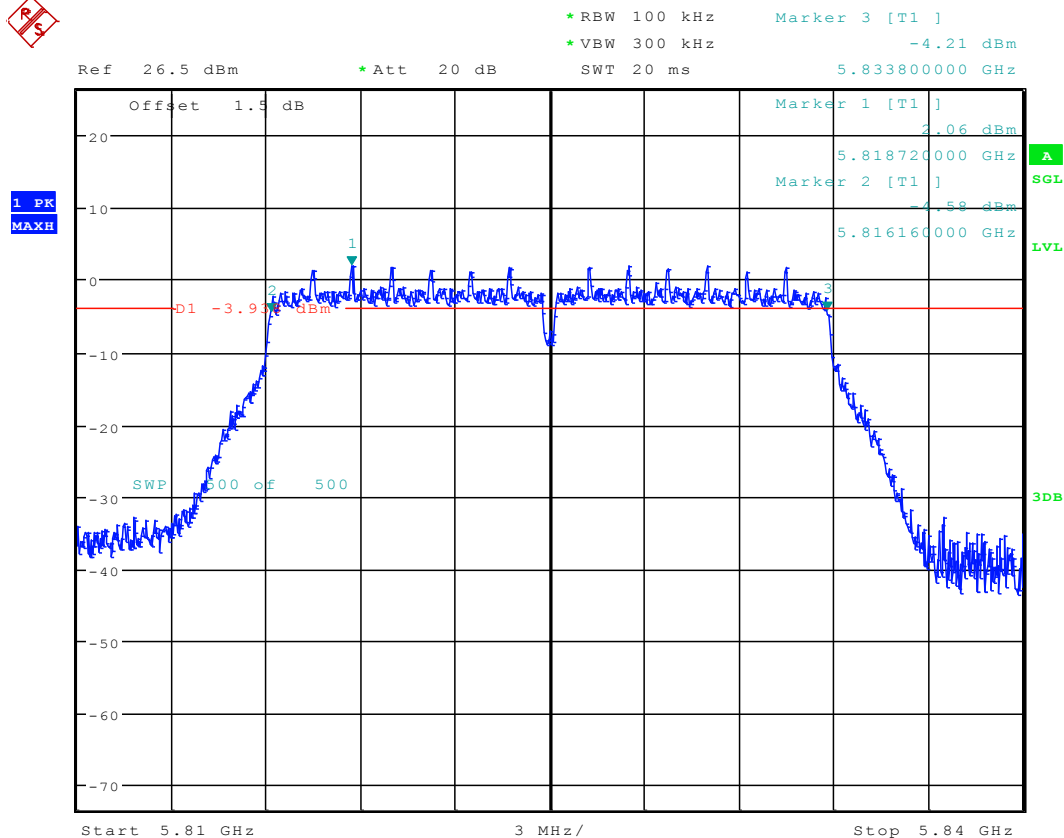
Date: 5.DEC.2016 12:15:46

3.3 11N20_149 Ant 1



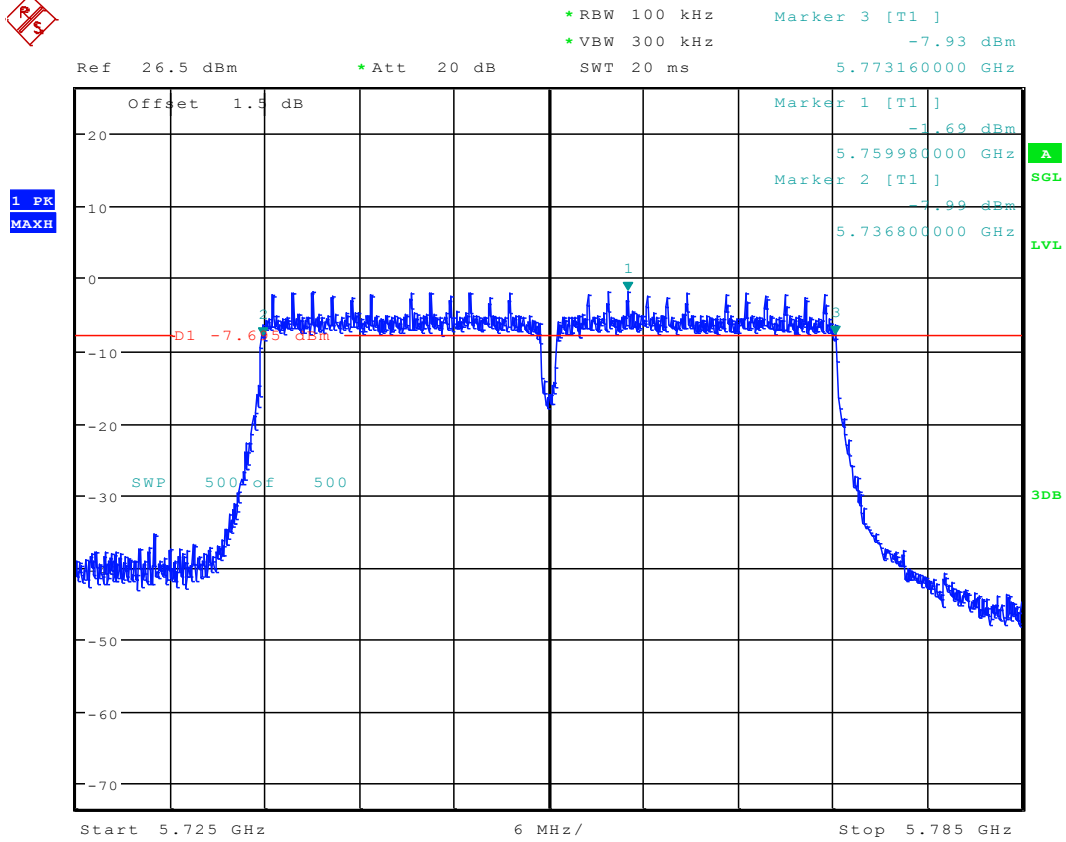
Date: 5.DEC.2016 14:30:21

3.4 11N20_165 Ant 1



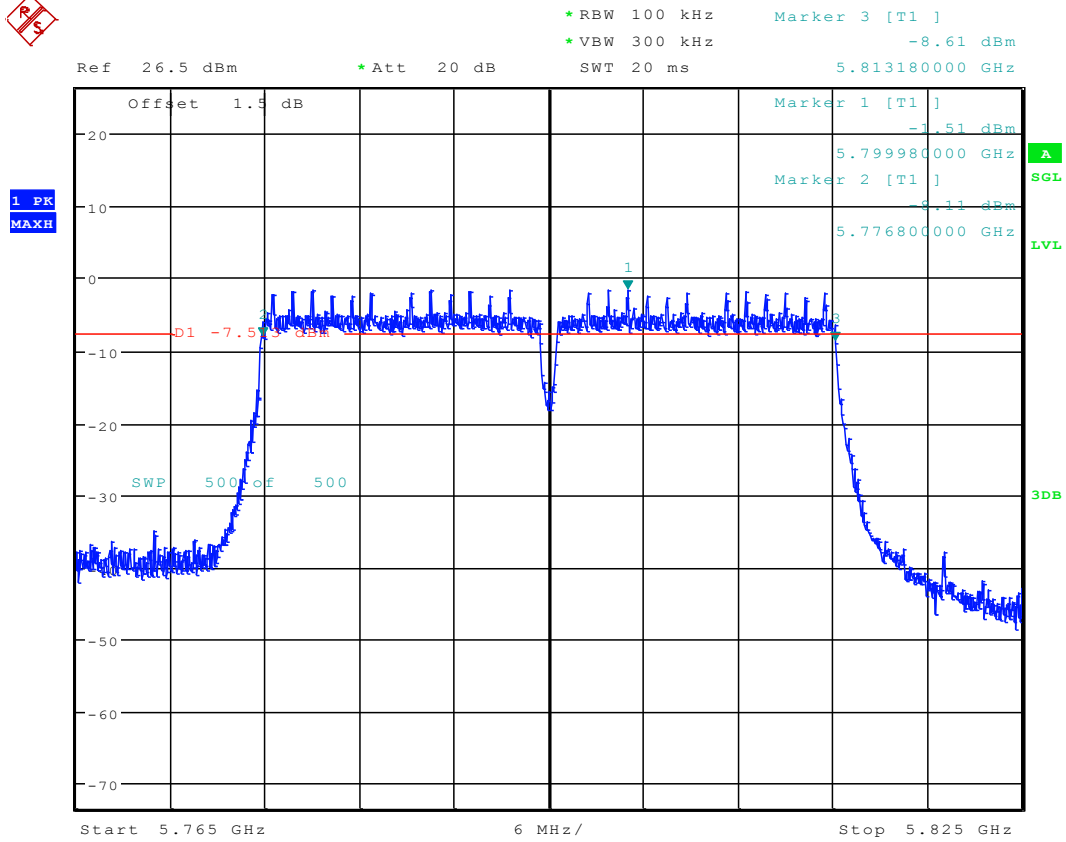
Date: 5.DEC.2016 14:33:59

3.5 11N40_151 Ant 1



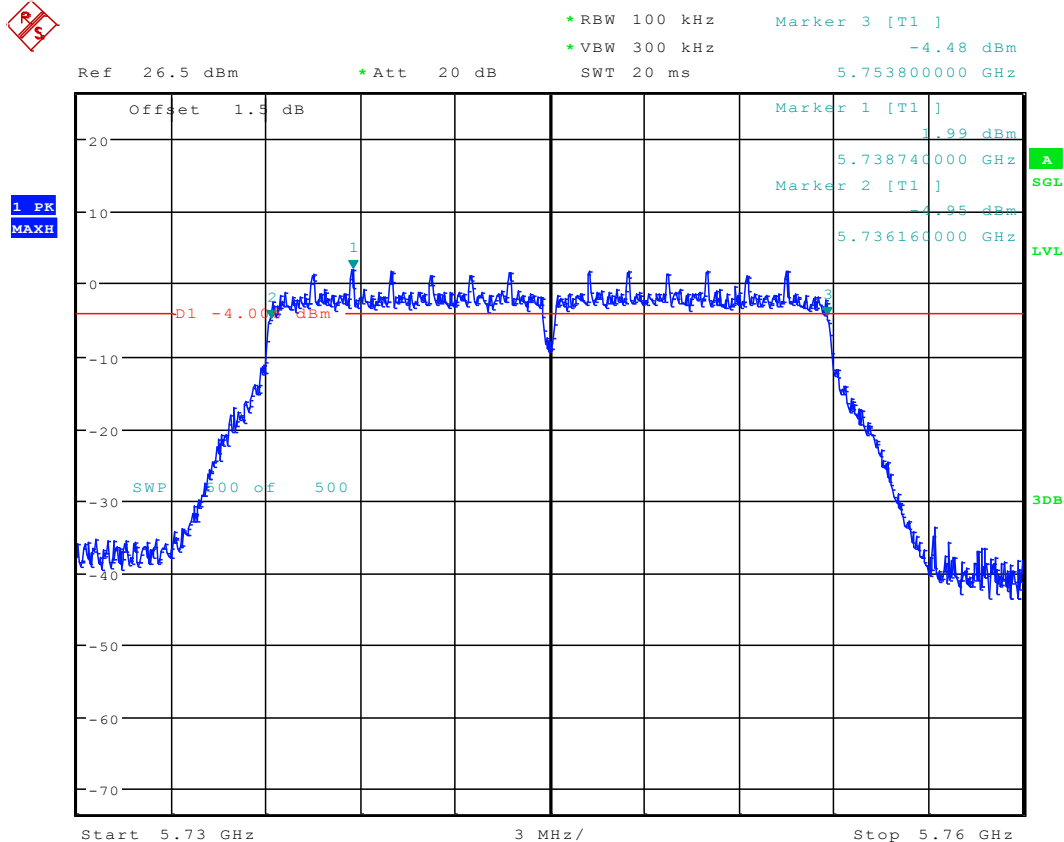
Date: 5.DEC.2016 15:17:01

3.6 11N40_159 Ant 1



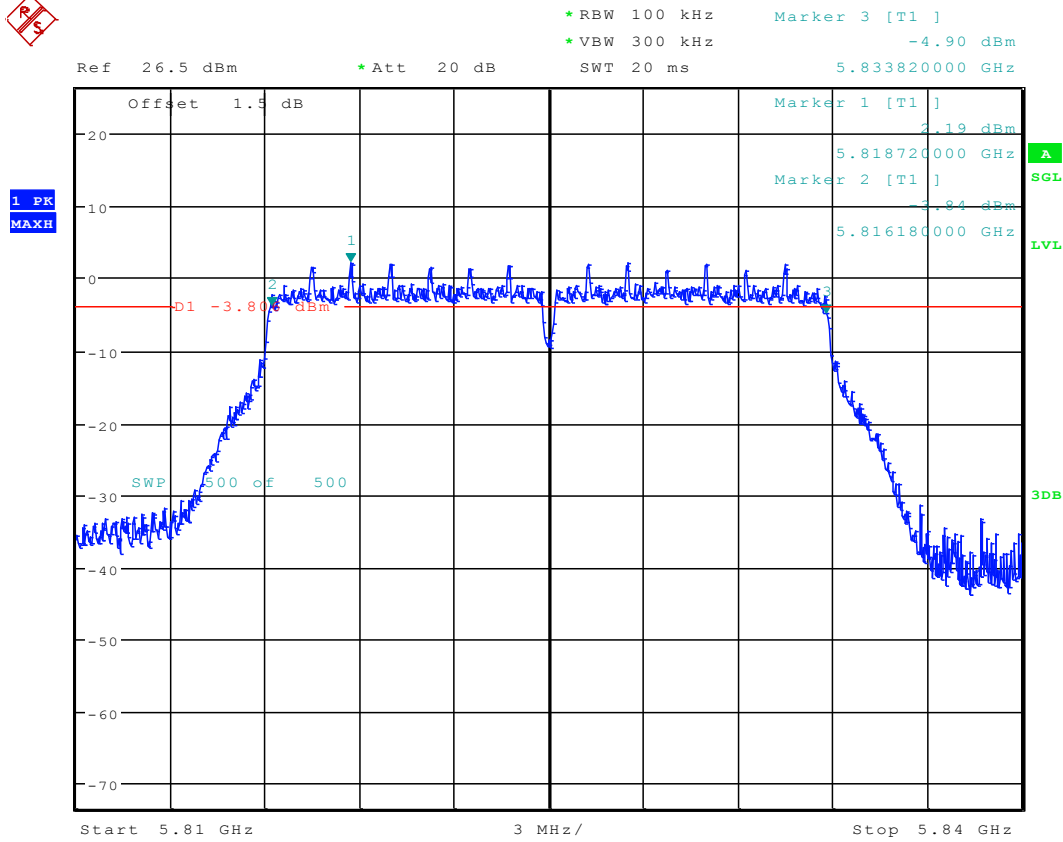
Date: 5.DEC.2016 15:28:21

3.7 11AC20_149 Ant 1



Date: 5.DEC.2016 16:20:12

3.8 11AC20_165 Ant 1

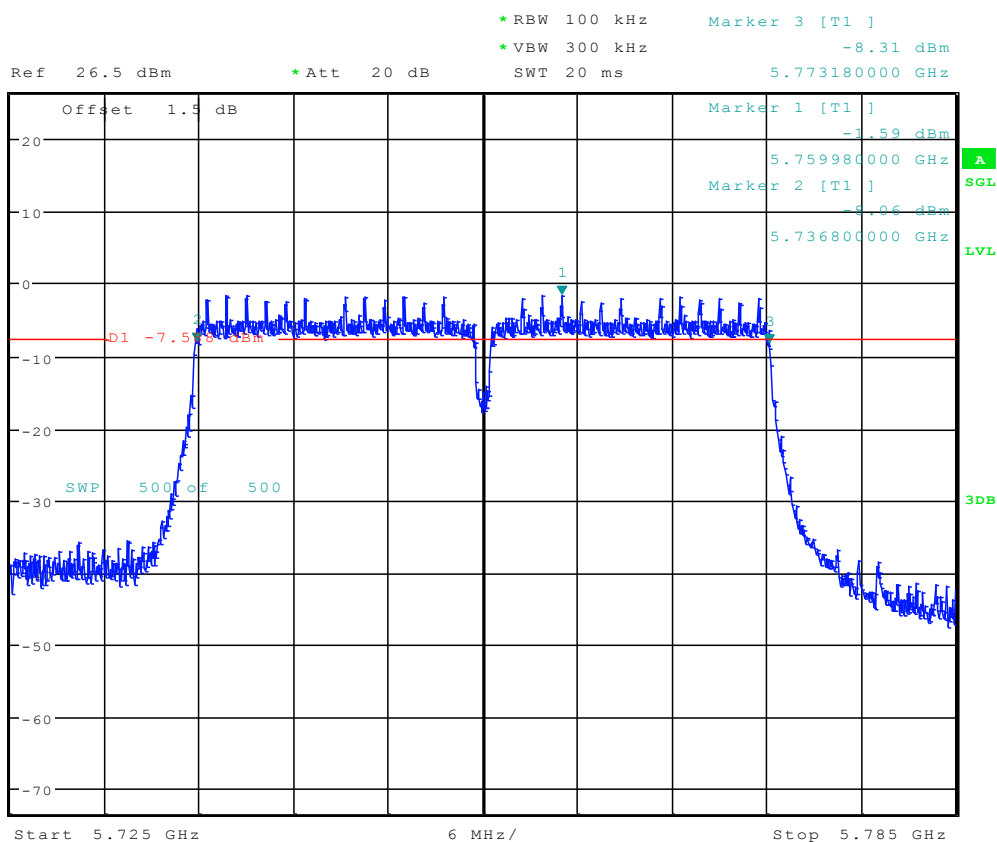


Date: 5.DEC.2016 16:45:21

3.9 11AC40_151 Ant 1

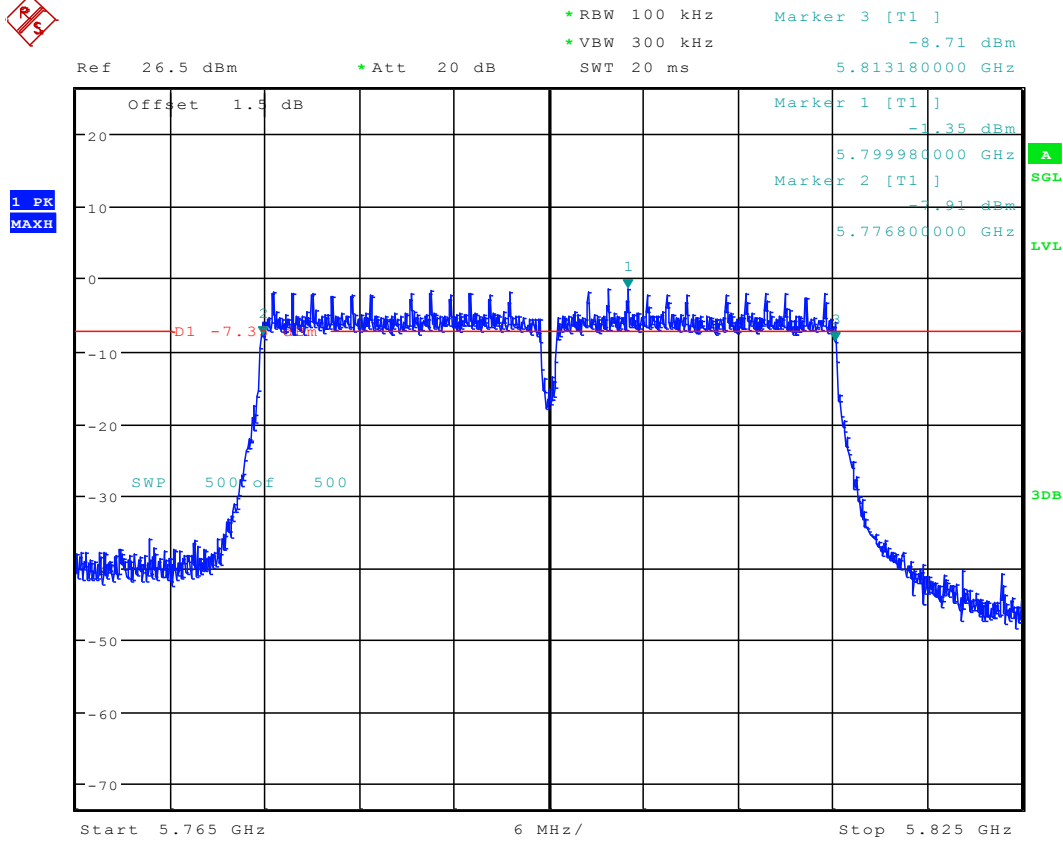


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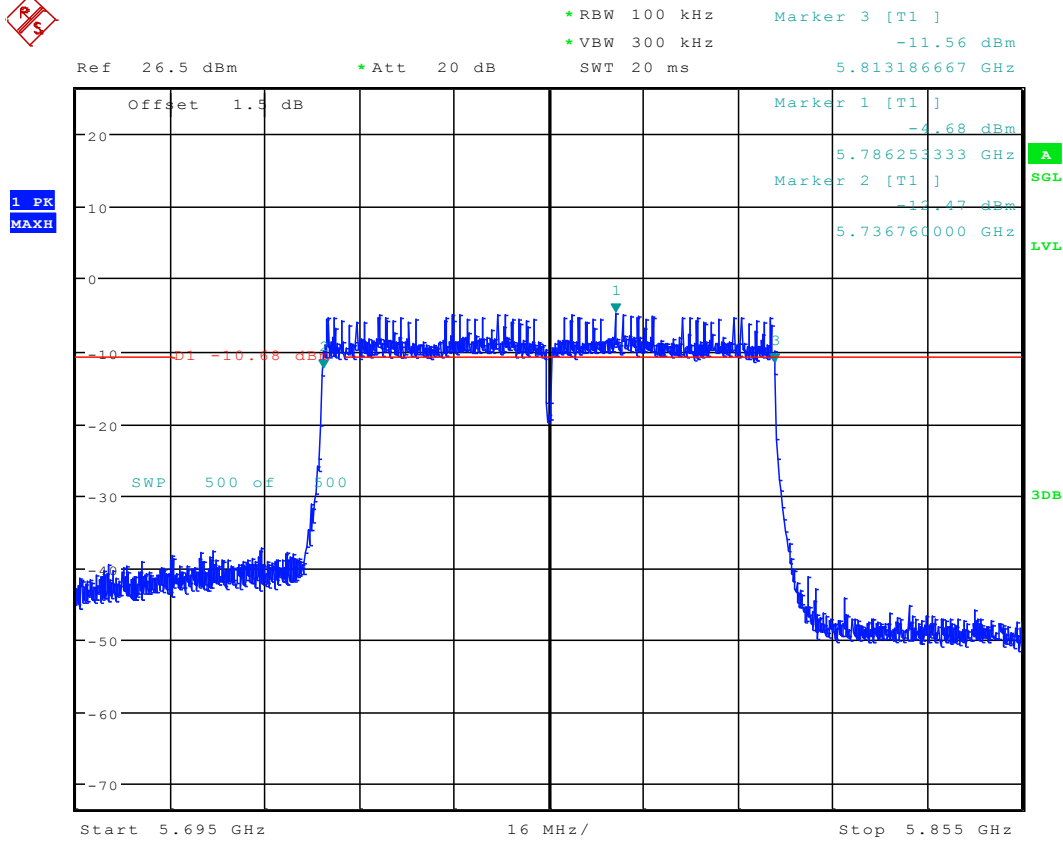
Date: 5.DEC.2016 17:30:40

3.1011AC40_159 Ant 1



Date: 5.DEC.2016 17:37:31

3.1111AC80_155 Ant 1



Date: 5.DEC.2016 18:11:53

Appendix B Occupied Bandwidth (OBW)

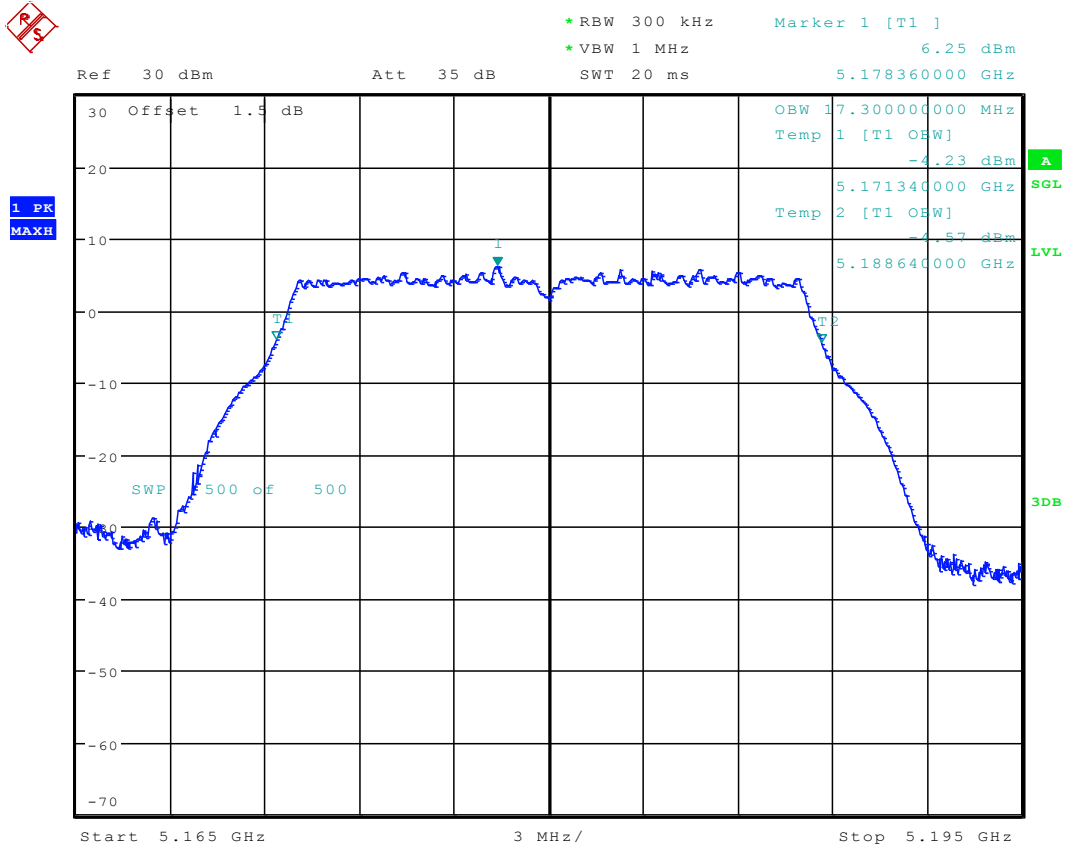
4 (OBW)Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Occupied Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	17.30	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	17.32	pass
	149	5745	Ant 1	17.36	pass
	165	5825	Ant 1	17.32	pass
11N20	36	5180	Ant 1	18.40	pass
	48	5240	Ant 1	18.38	pass
	52	5260	Ant 1	18.42	pass
	64	5320	Ant 1	18.38	pass
	100	5500	Ant 1	18.38	pass
	140	5700	Ant 1	18.38	pass
	149	5745	Ant 1	18.40	pass
	165	5825	Ant 1	18.38	pass
11N40	38	5190	Ant 1	36.62	pass
	46	5230	Ant 1	36.62	pass
	54	5270	Ant 1	36.66	pass
	62	5310	Ant 1	36.62	pass
	102	5510	Ant 1	36.62	pass
	134	5670	Ant 1	36.62	pass
	151	5755	Ant 1	36.64	pass
	159	5795	Ant 1	36.60	pass
11AC20	36	5180	Ant 1	18.36	pass
	48	5240	Ant 1	18.34	pass
	52	5260	Ant 1	18.36	pass
	64	5320	Ant 1	18.34	pass
	100	5500	Ant 1	18.34	pass
	140	5700	Ant 1	18.38	pass
	149	5745	Ant 1	18.38	pass
	165	5825	Ant 1	18.36	pass

11AC40	38	5190	Ant 1	36.58	pass
	46	5230	Ant 1	36.60	pass
	54	5270	Ant 1	36.62	pass
	62	5310	Ant 1	36.60	pass
	102	5510	Ant 1	36.60	pass
	134	5670	Ant 1	36.58	pass
	151	5755	Ant 1	36.60	pass
	159	5795	Ant 1	36.56	pass
11AC80	42	5210	Ant 1	76.04	pass
	58	5290	Ant 1	76.16	pass
	106	5530	Ant 1	76.04	pass
	155	5775	Ant 1	76.12	pass

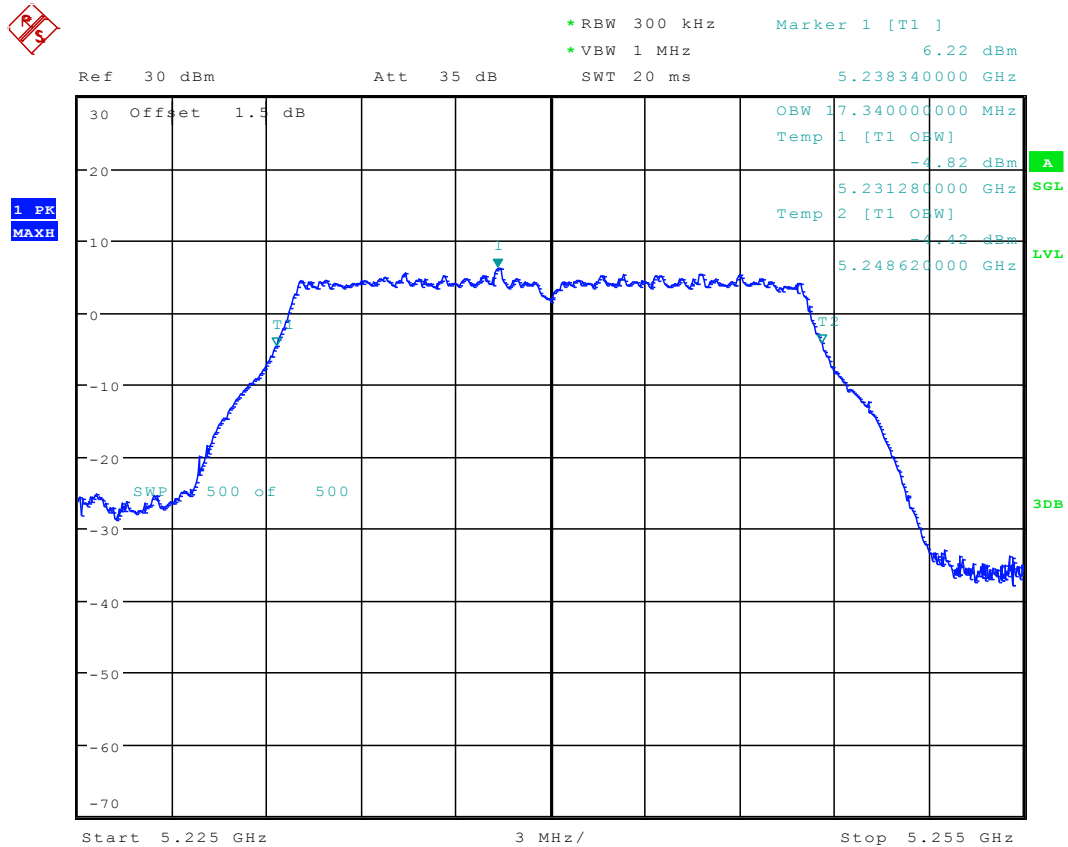
5 Test Plot

5.1 11A_36 Ant 1



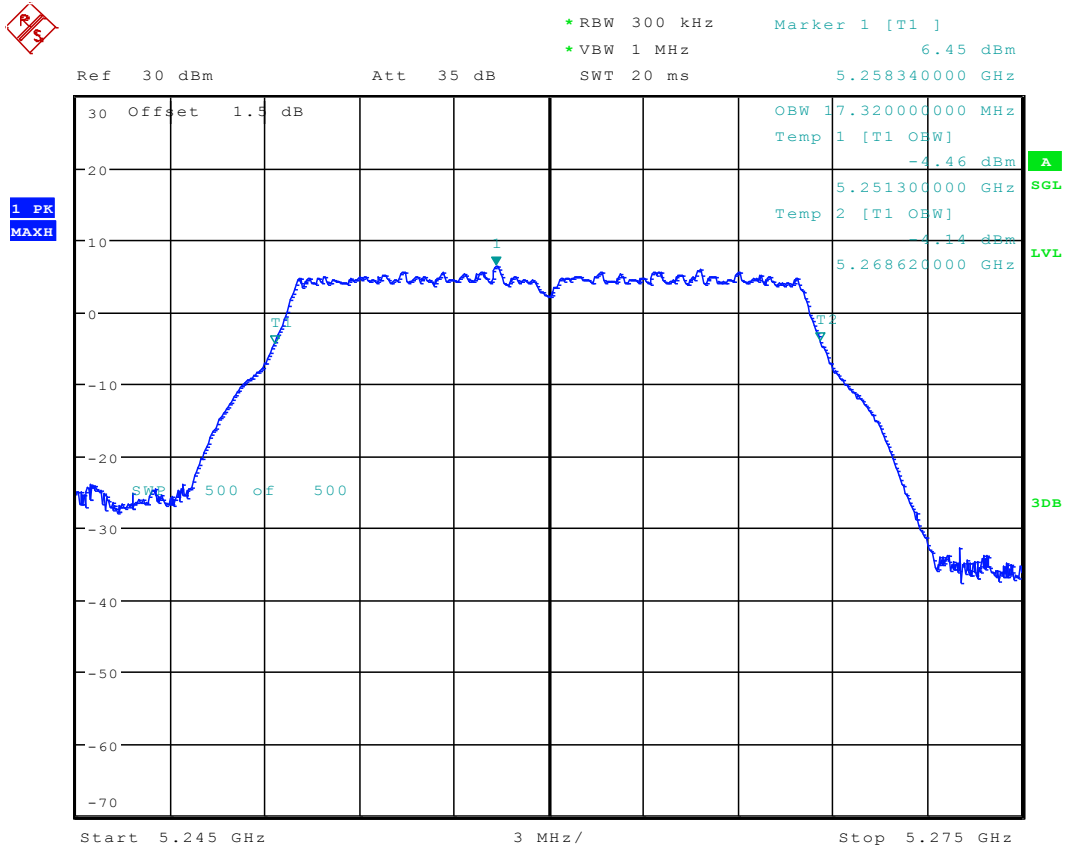
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5.2 11A_48 Ant 1



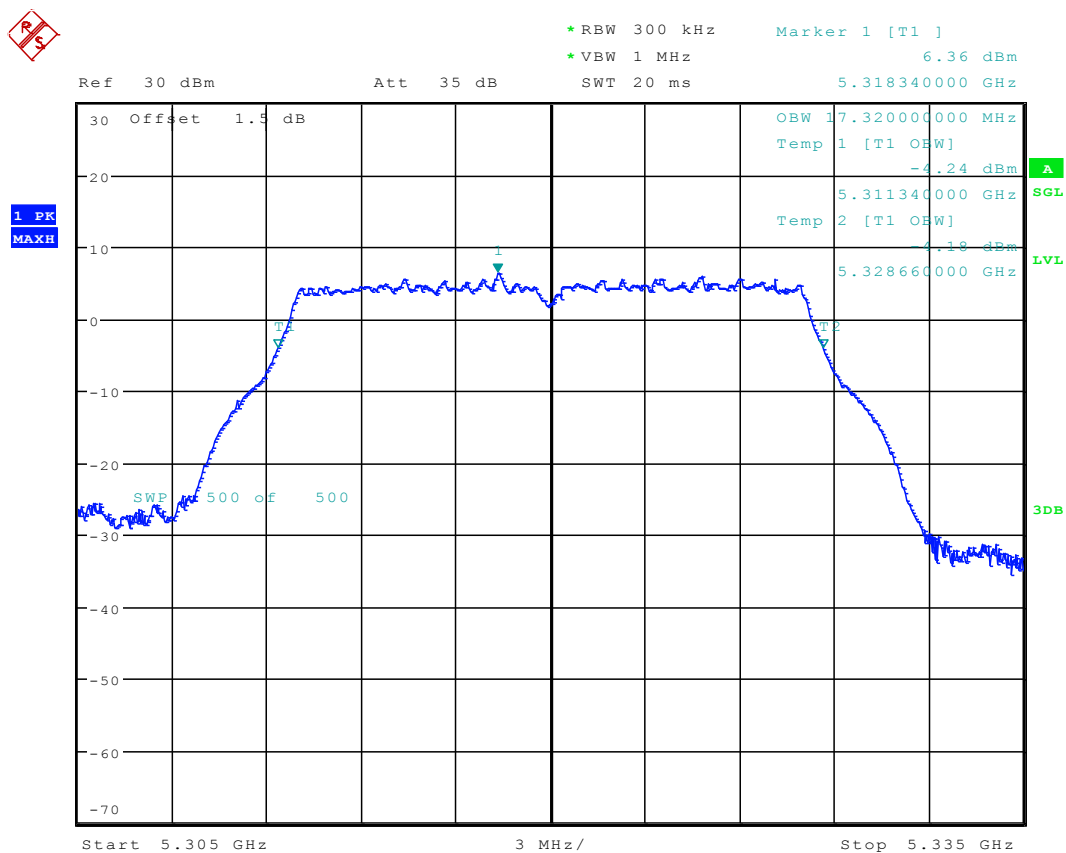
Date: 5.DEC.2016 11:35:09

5.3 11A_52 Ant 1



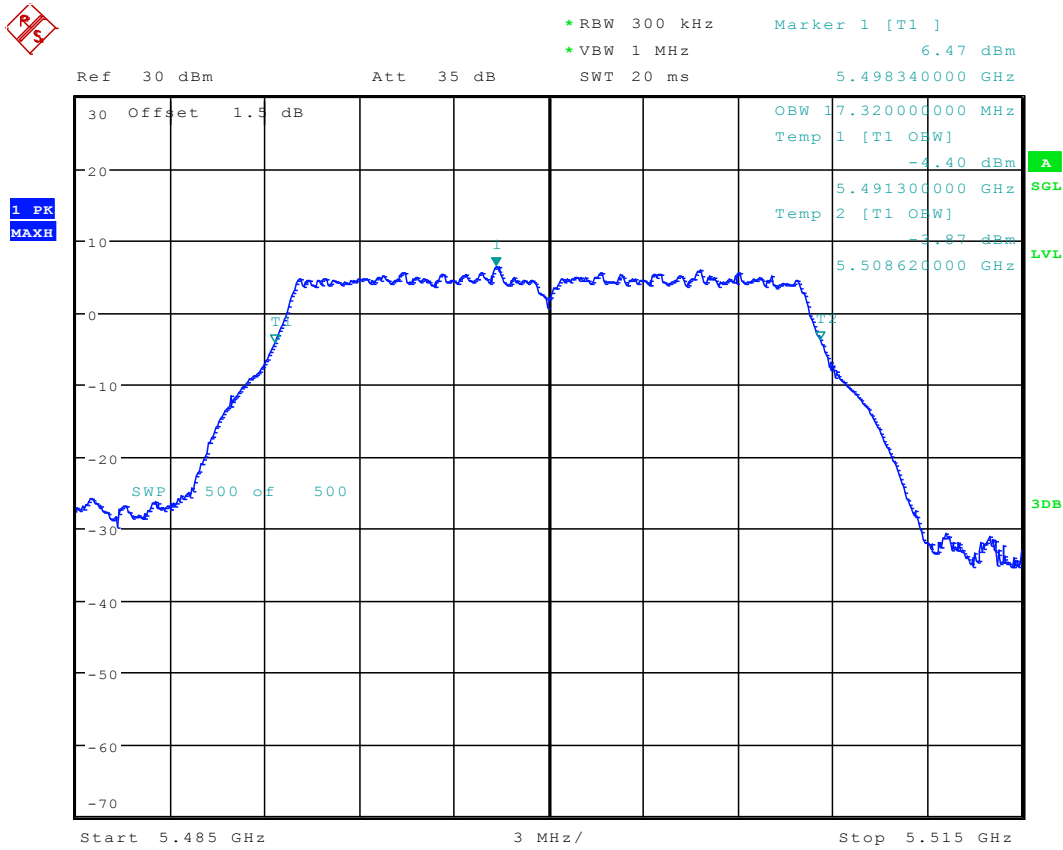
Date: 5.DEC.2016 11:43:45

5.4 11A_64 Ant 1



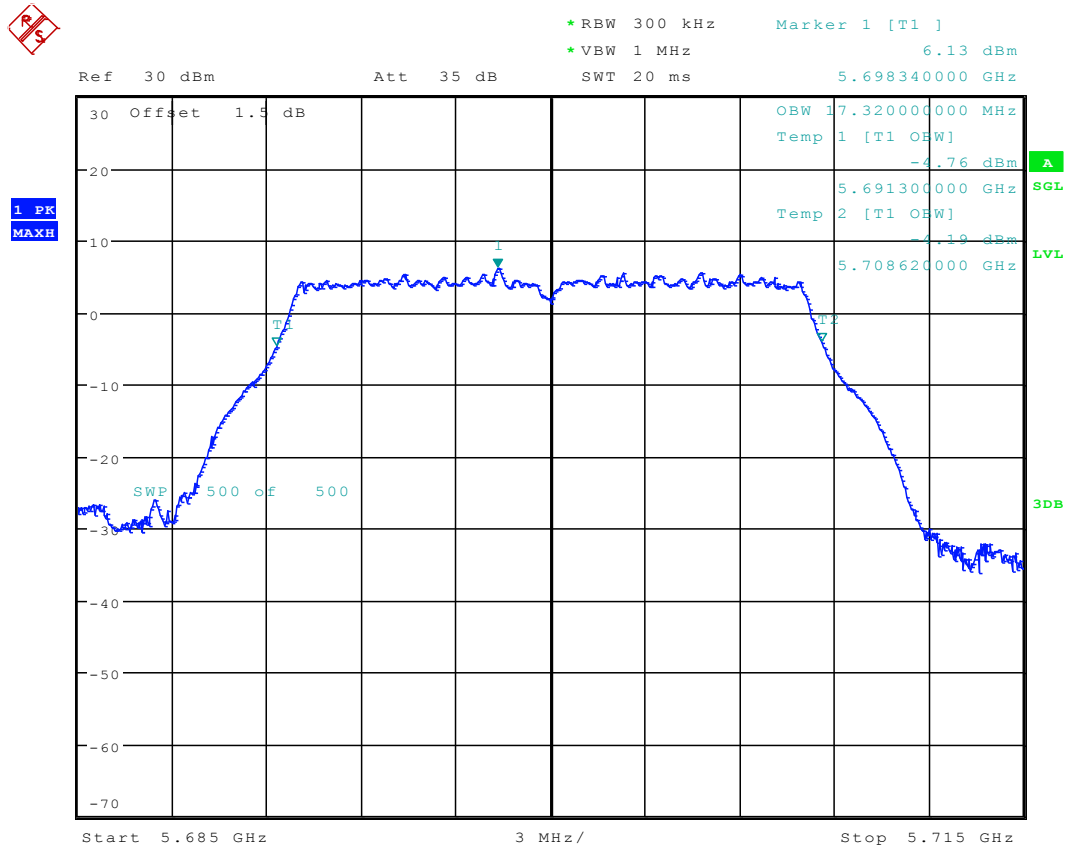
Date: 5.DEC.2016 11:49:01

5.5 11A_100 Ant 1



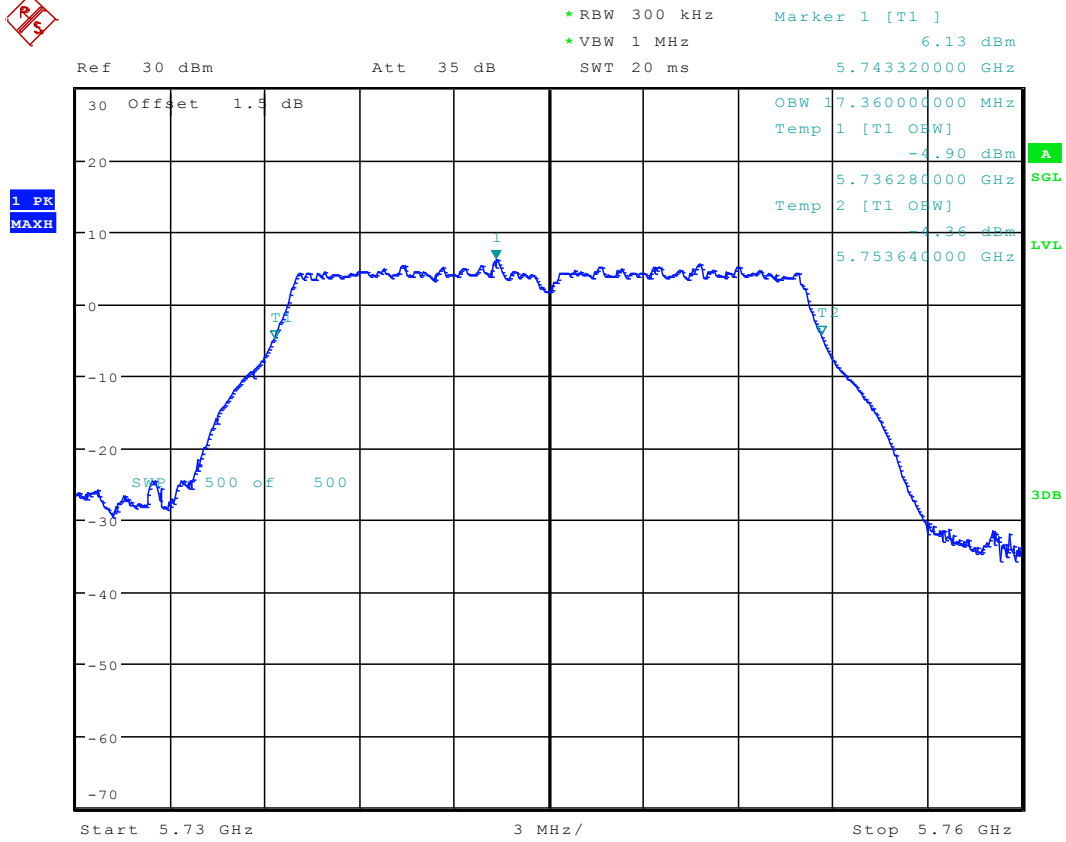
Date: 5.DEC.2016 11:55:13

5.6 11A_140 Ant 1



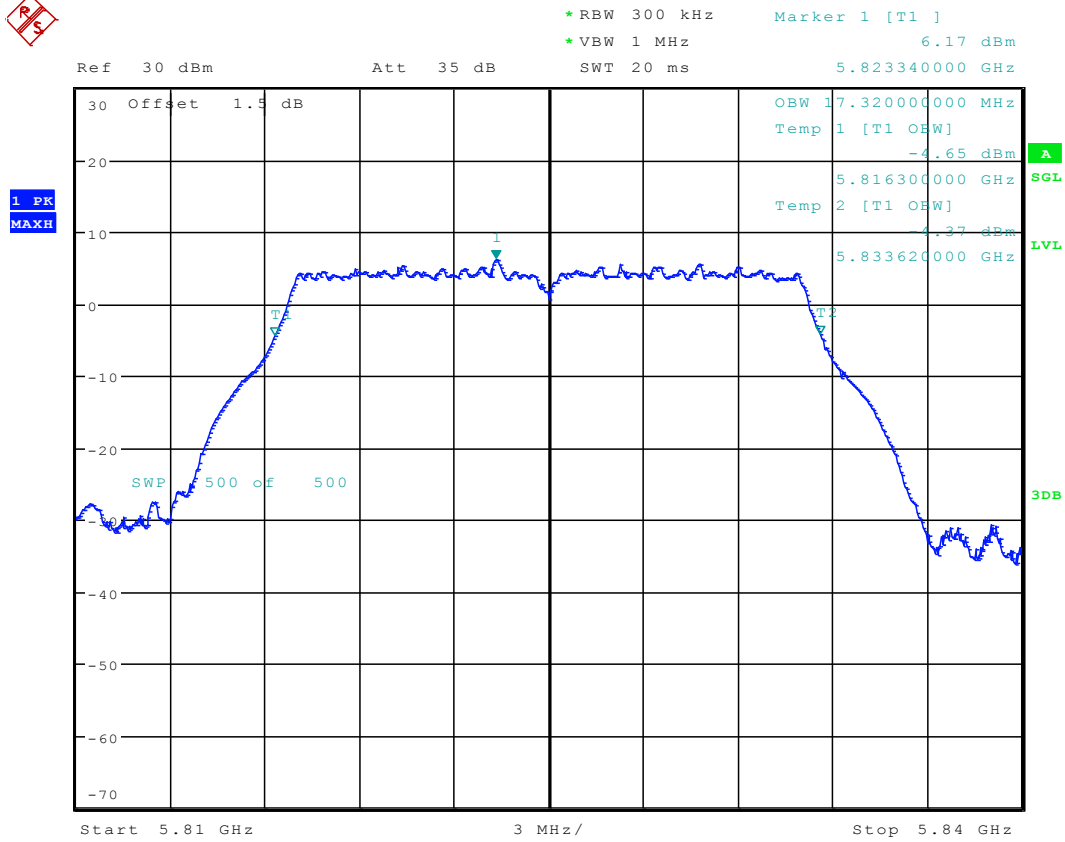
Date: 5.DEC.2016 12:00:29

5.7 11A_149 Ant 1



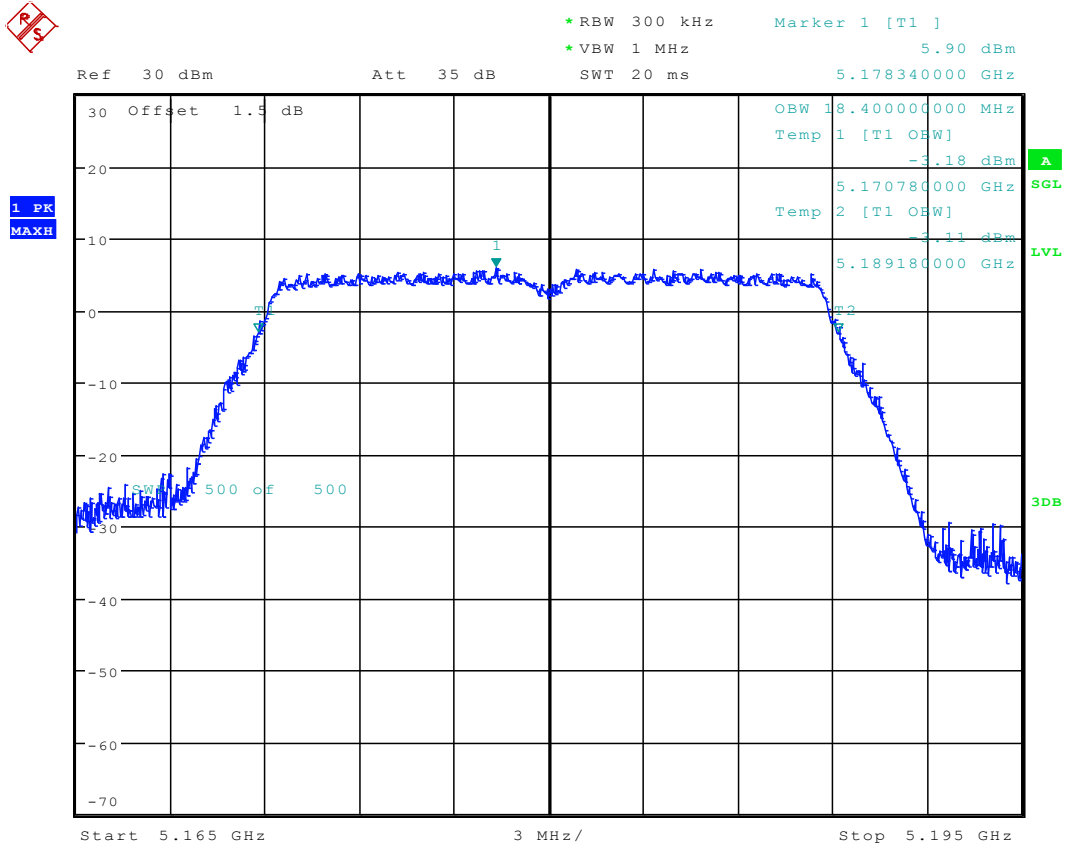
Date: 5.DEC.2016 12:09:31

5.8 11A_165 Ant 1



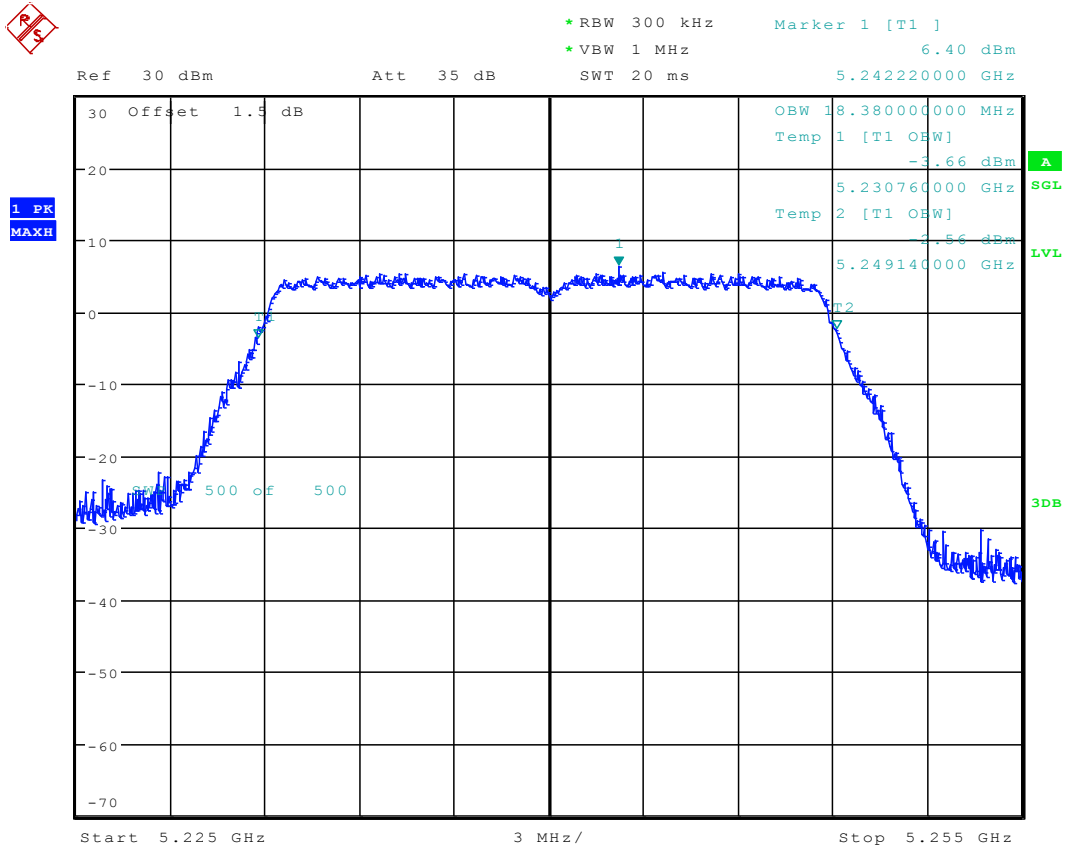
Date: 5.DEC.2016 12:16:31

5.9 11N20_36 Ant 1



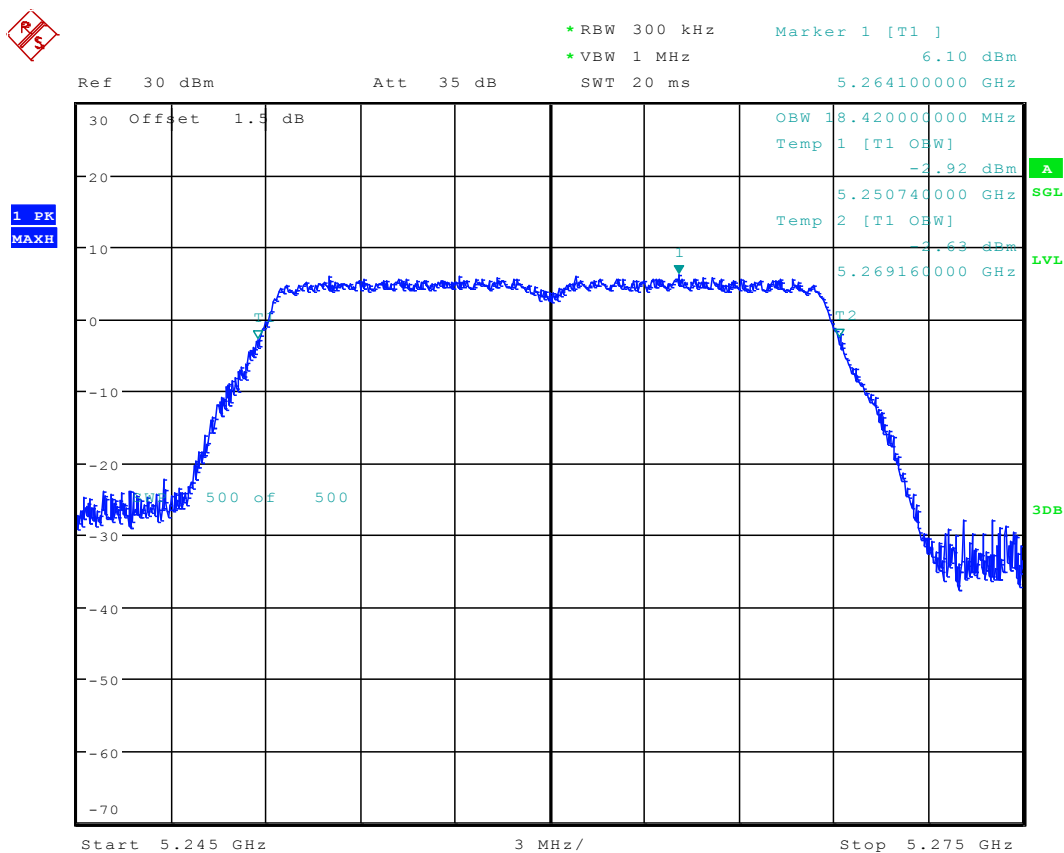
Date: 5.DEC.2016 12:22:45

5.10 11N20_48 Ant 1



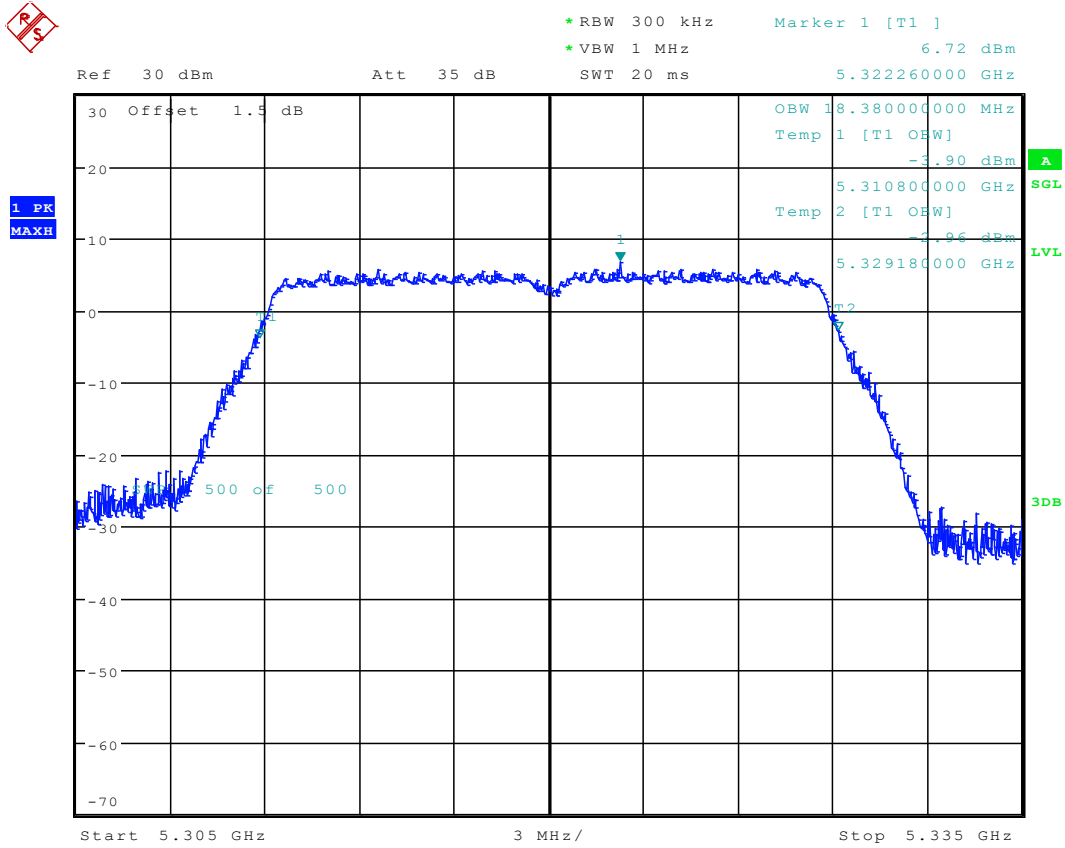
Date: 5.DEC.2016 12:29:34

5.11 11N20_52 Ant 1



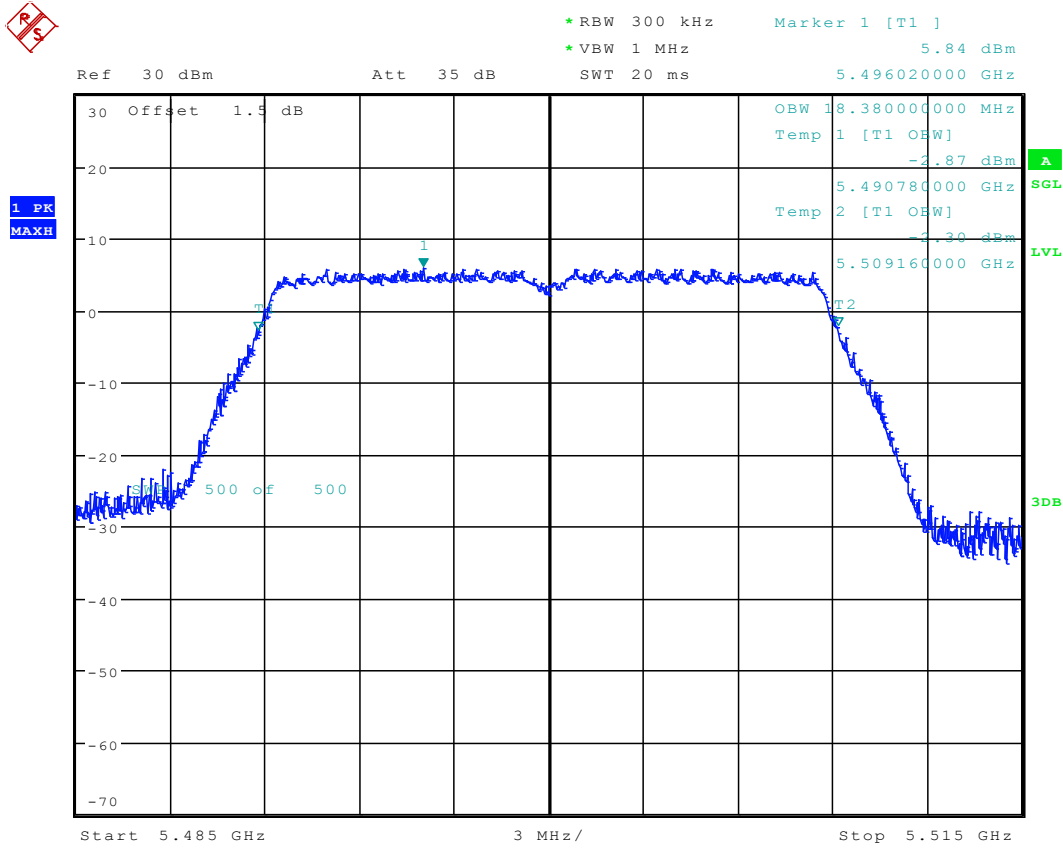
Date: 5.DEC.2016 12:34:58

5.12 11N20_64 Ant 1



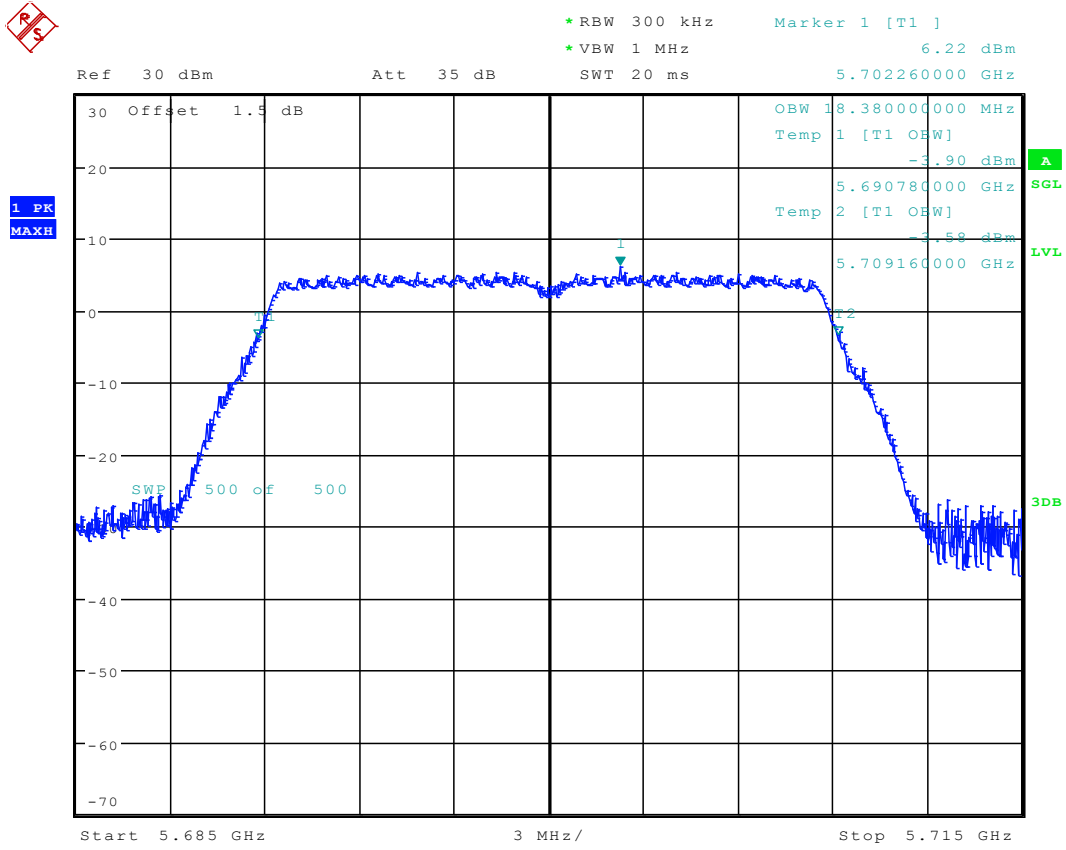
Date: 5.DEC.2016 12:40:26

5.13 11N20_100 Ant 1



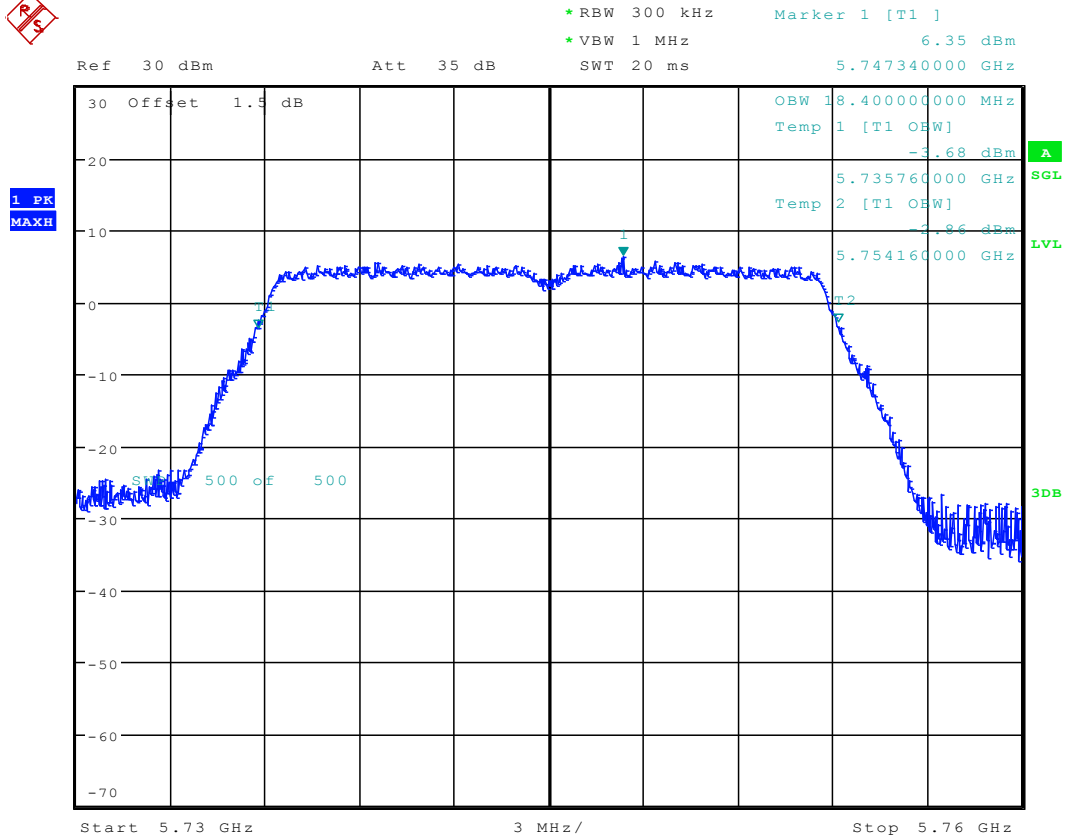
Date: 5.DEC.2016 12:49:00

5.14 11N20_140 Ant 1



Date: 5.DEC.2016 14:40:56

5.15 11N20_149 Ant 1

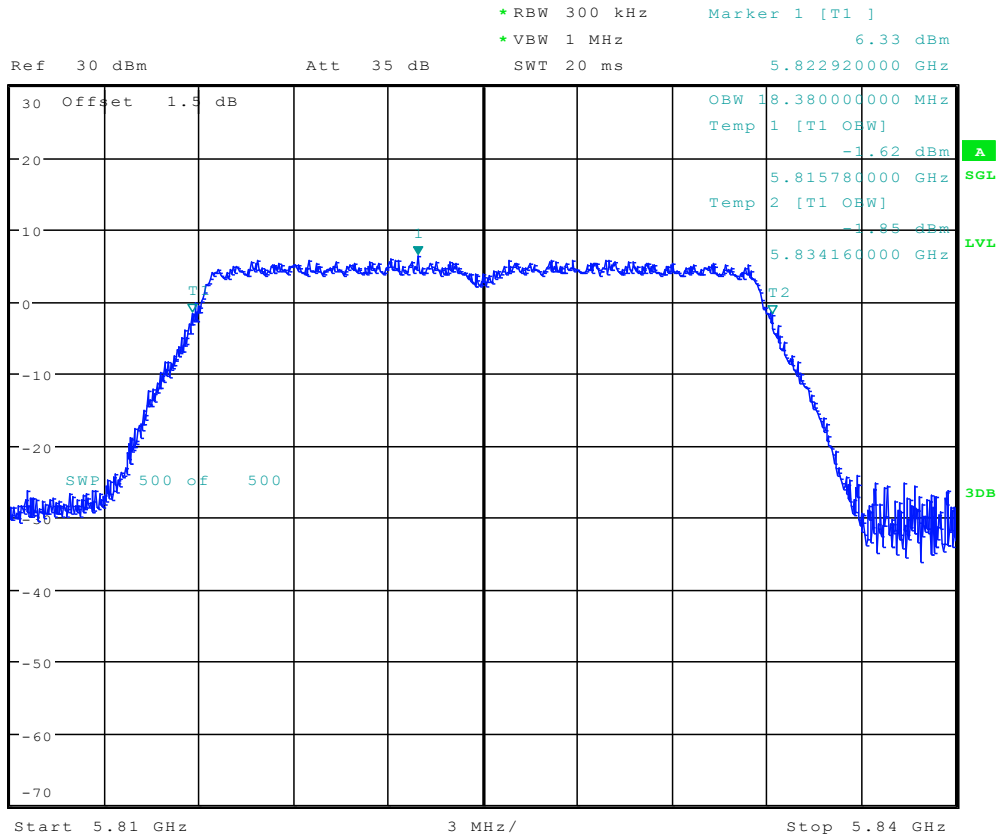


Date: 5.DEC.2016 14:31:06

5.16 11N20_165 Ant 1

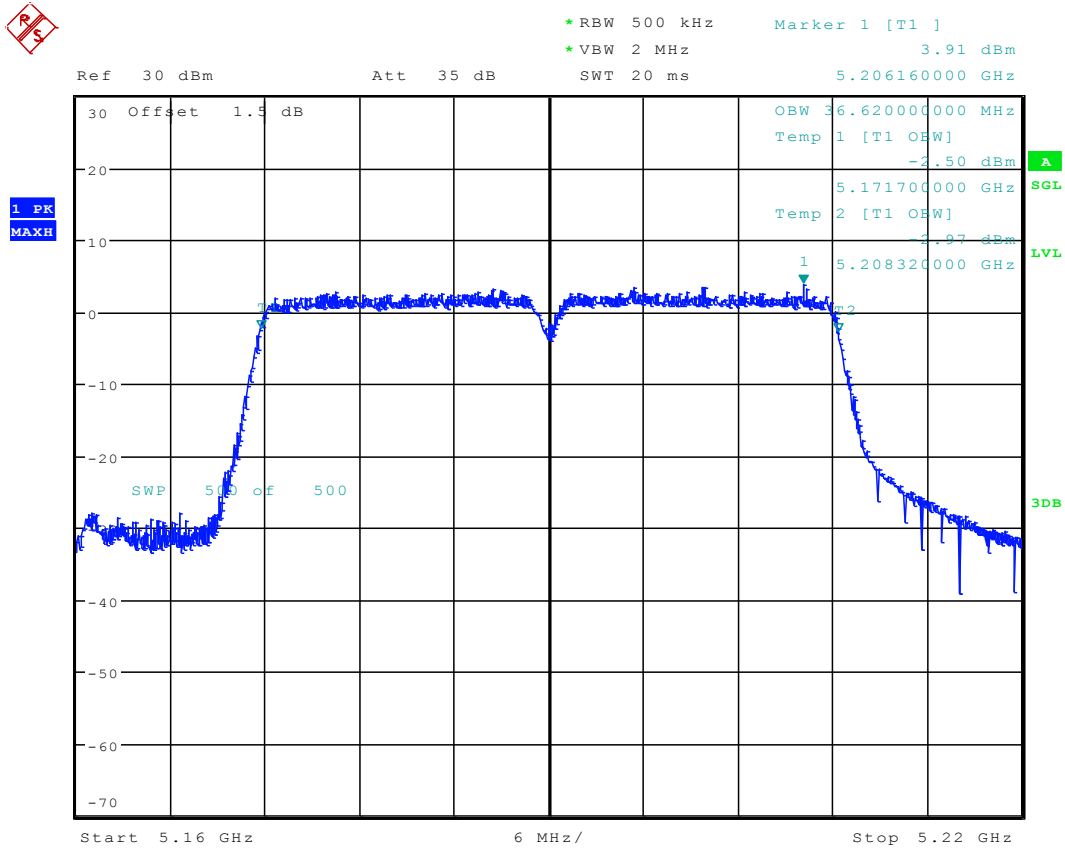


1 PK
MAXH



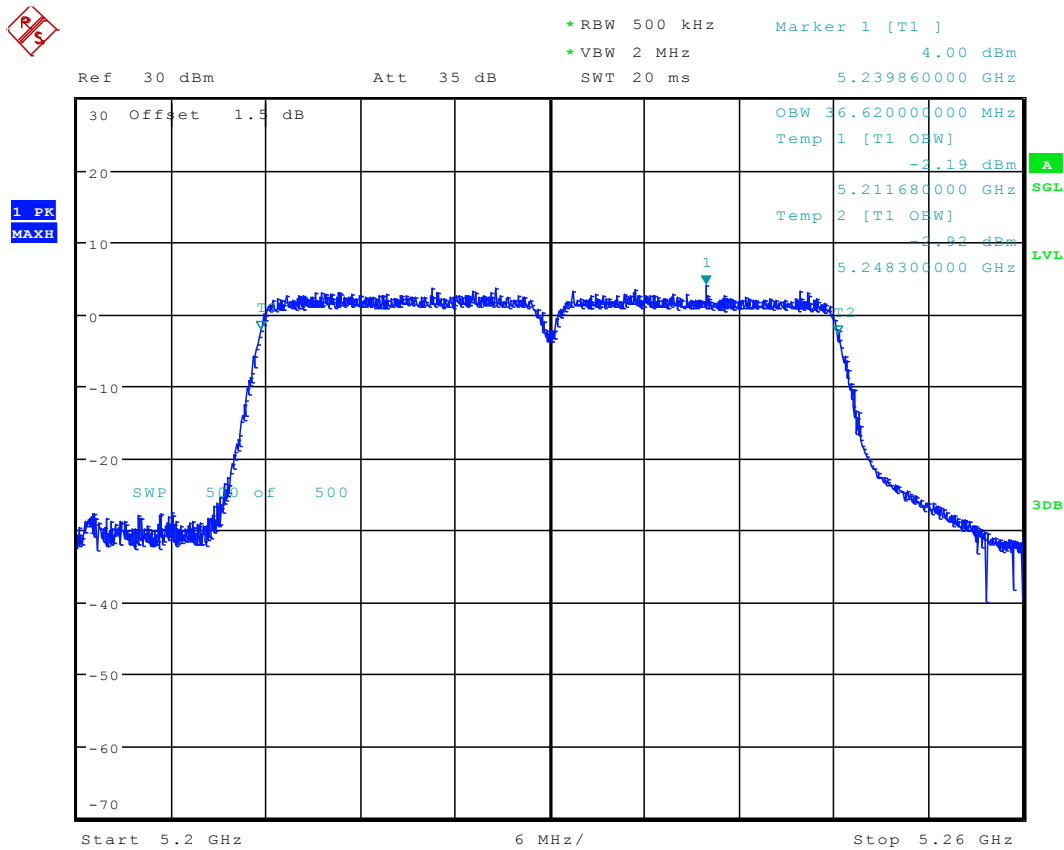
Date: 5.DEC.2016 14:34:44

5.17 11N40_38 Ant 1



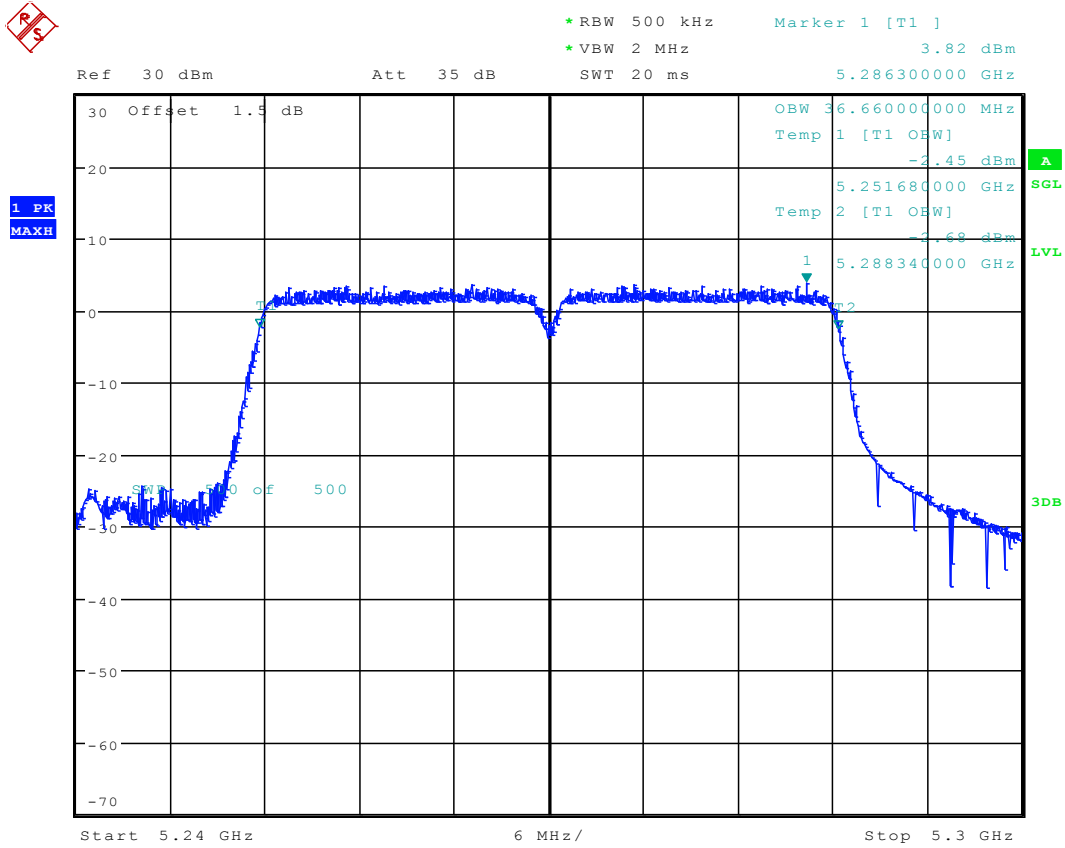
Date: 5.DEC.2016 14:49:56

5.18 11N40_46 Ant 1



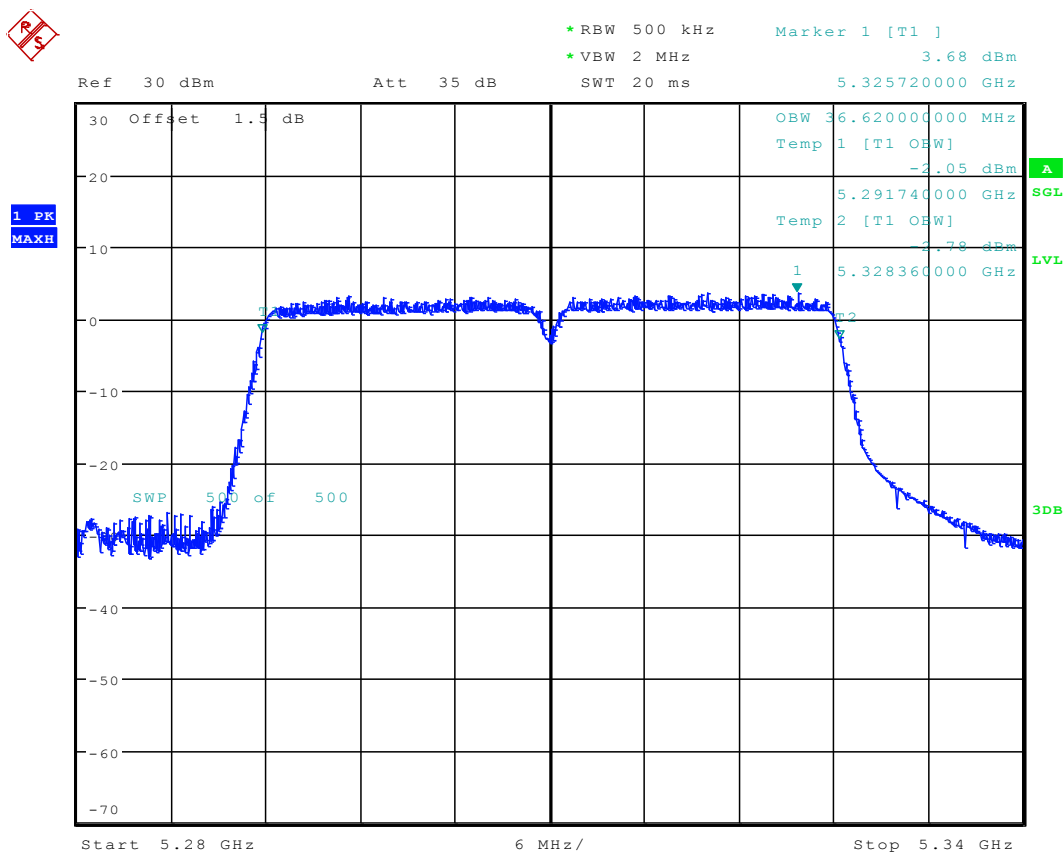
Date: 5.DEC.2016 14:55:20

5.19 11N40_54 Ant 1



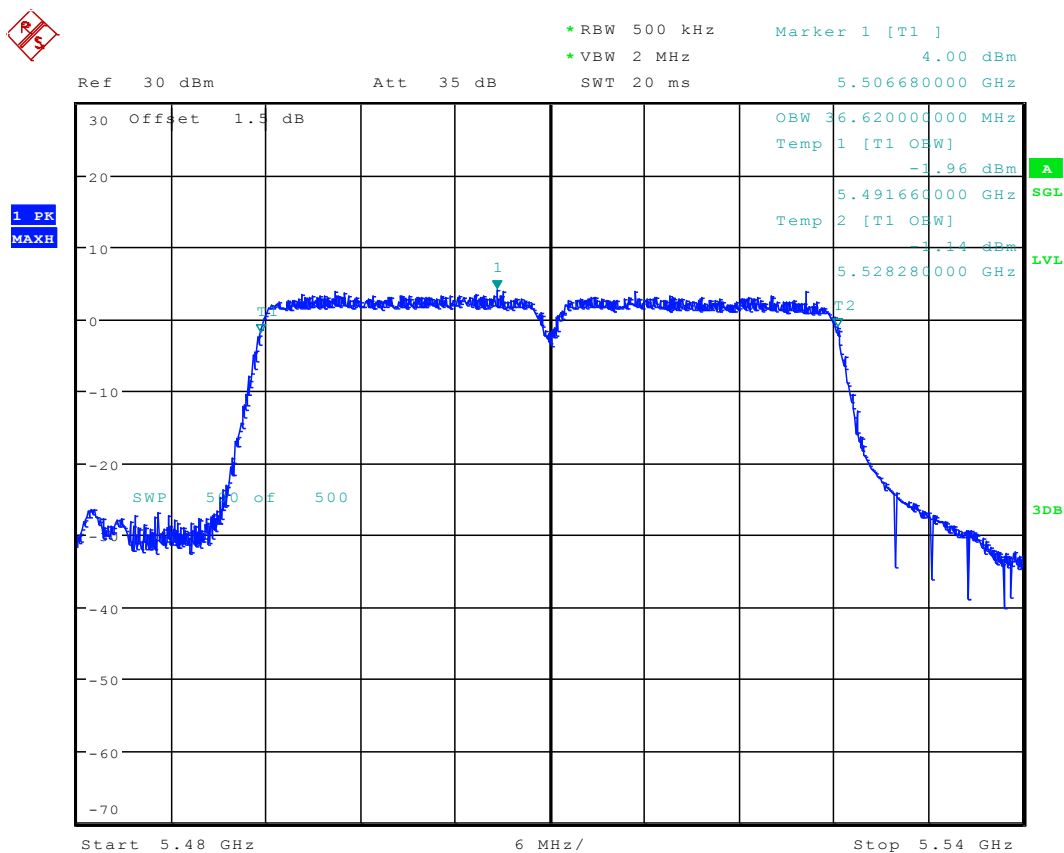
Date: 5.DEC.2016 15:00:26

5.20 11N40_62 Ant 1



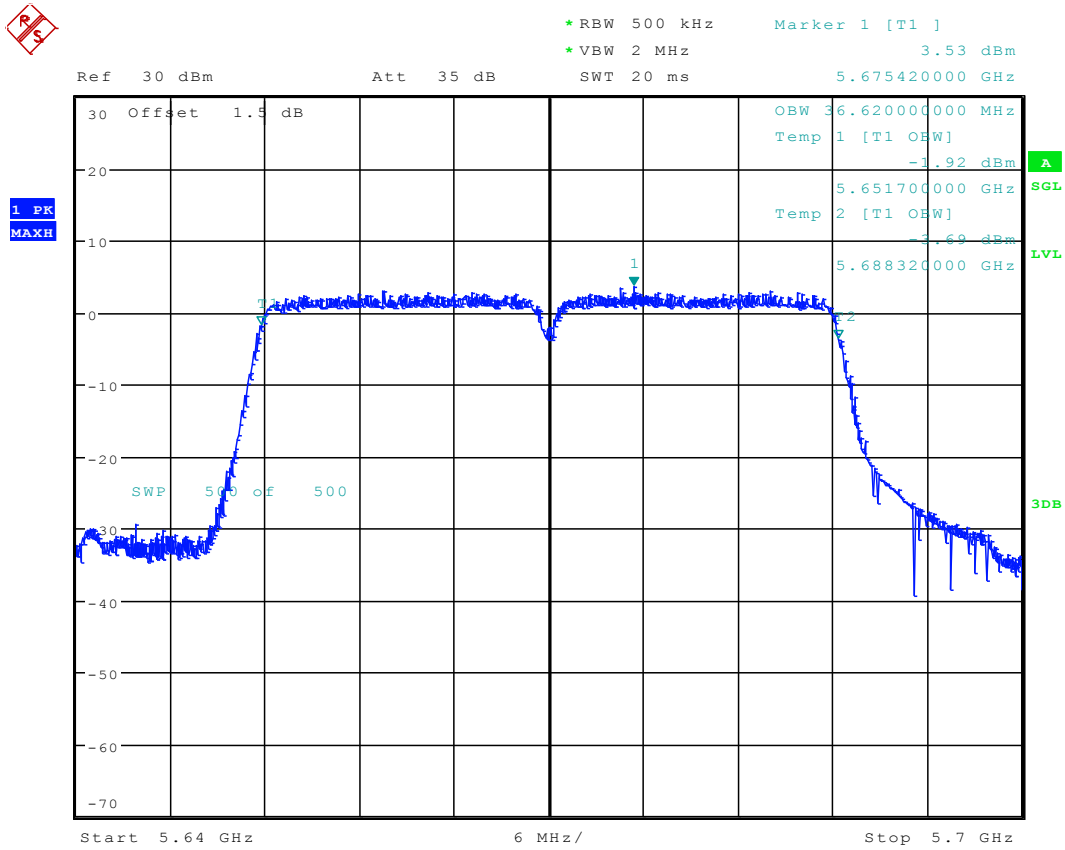
Date: 5.DEC.2016 15:05:10

5.21 11N40_102 Ant 1



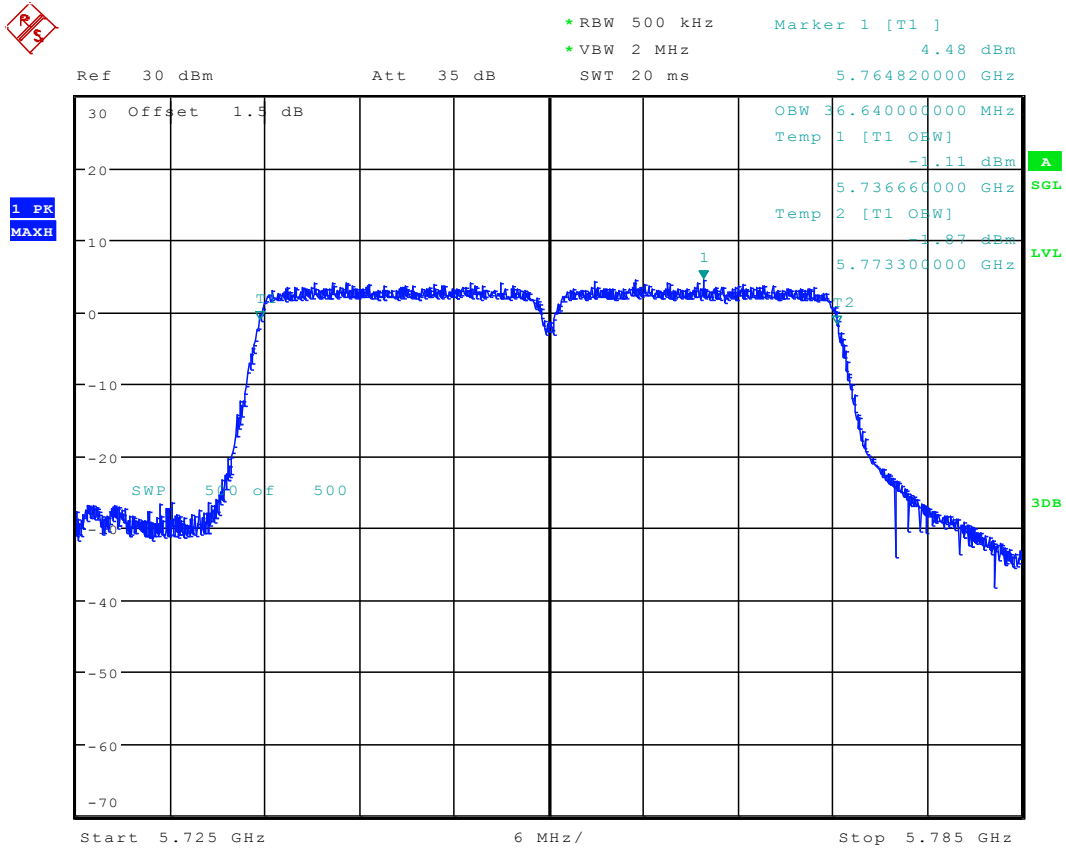
Date: 5.DEC.2016 15:10:19

5.22 11N40_134 Ant 1



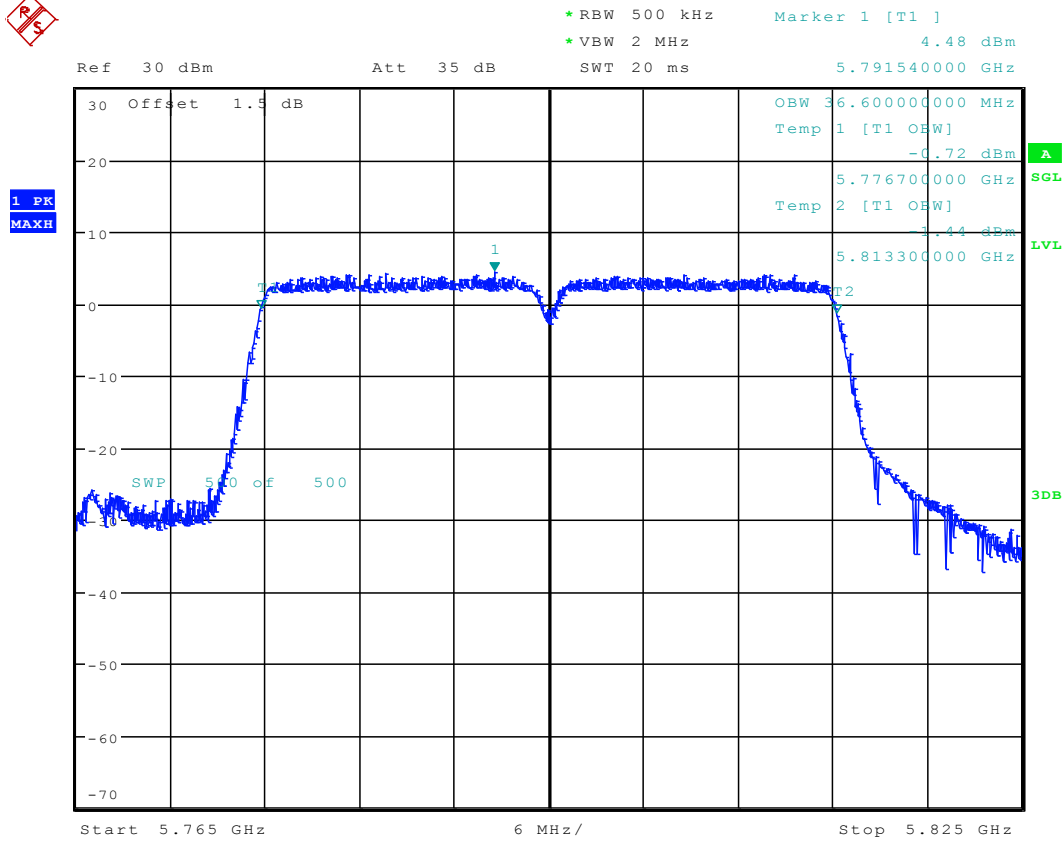
Date: 5.DEC.2016 15:13:33

5.23 11N40_151 Ant 1



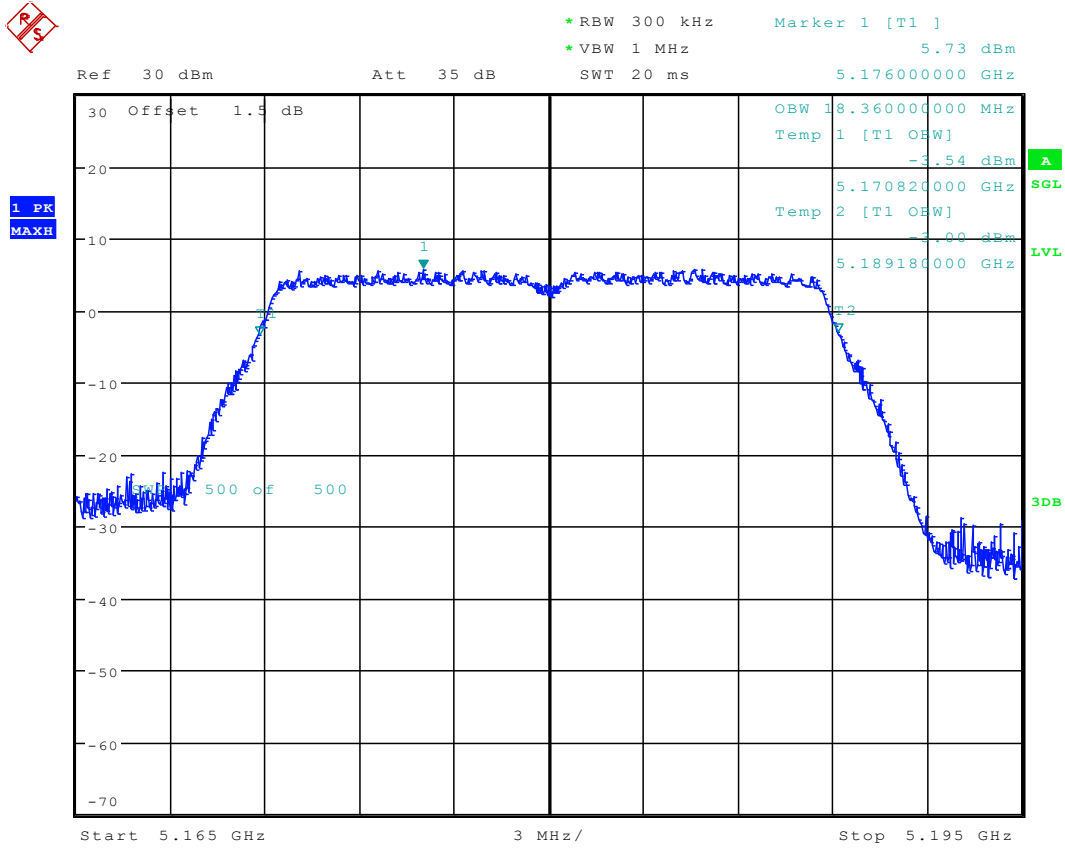
Date: 5.DEC.2016 15:17:52

5.24 11N40_159 Ant 1



Date: 5.DEC.2016 15:29:13

5.25 11AC20_36 Ant 1

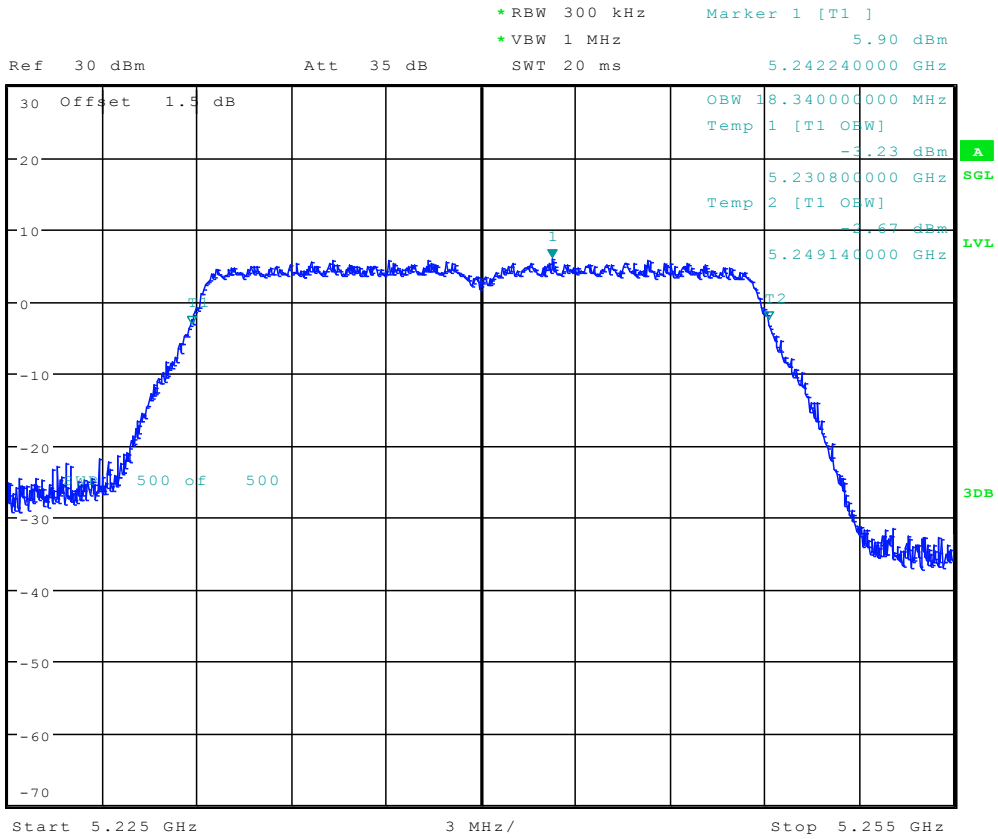


Date: 5.DEC.2016 15:33:56

5.26 11AC20_48 Ant 1

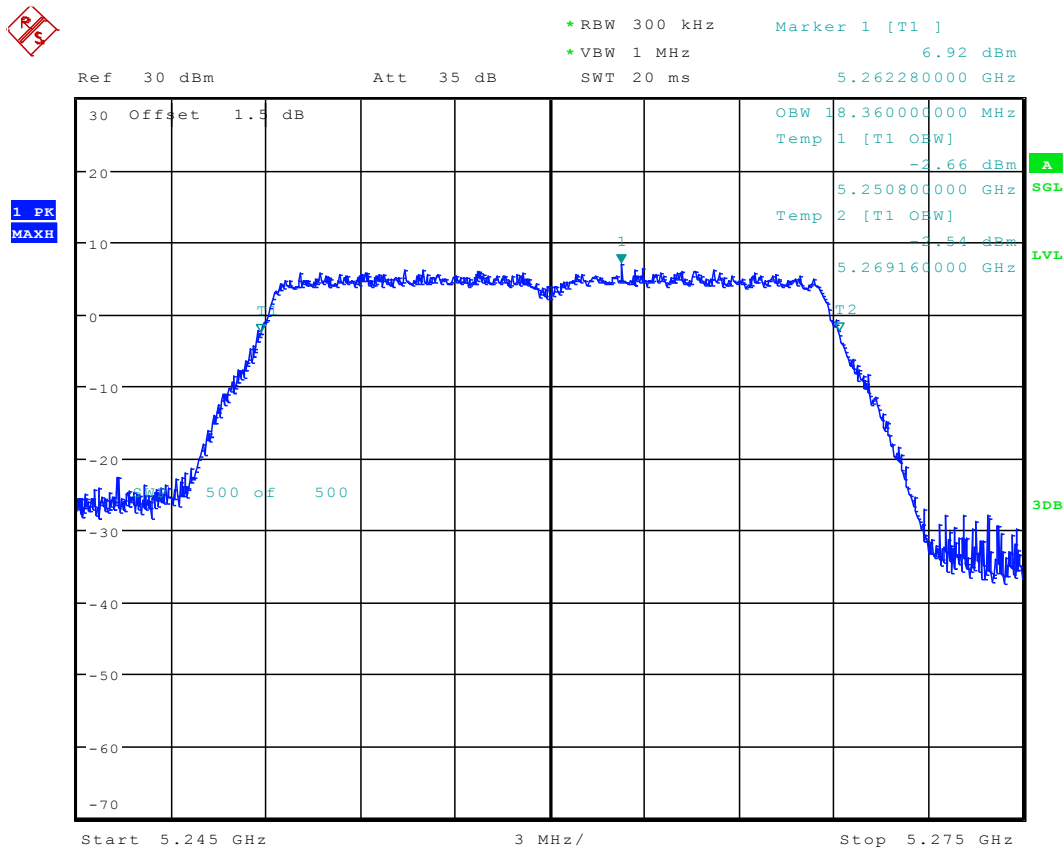


1 PK
MAXH



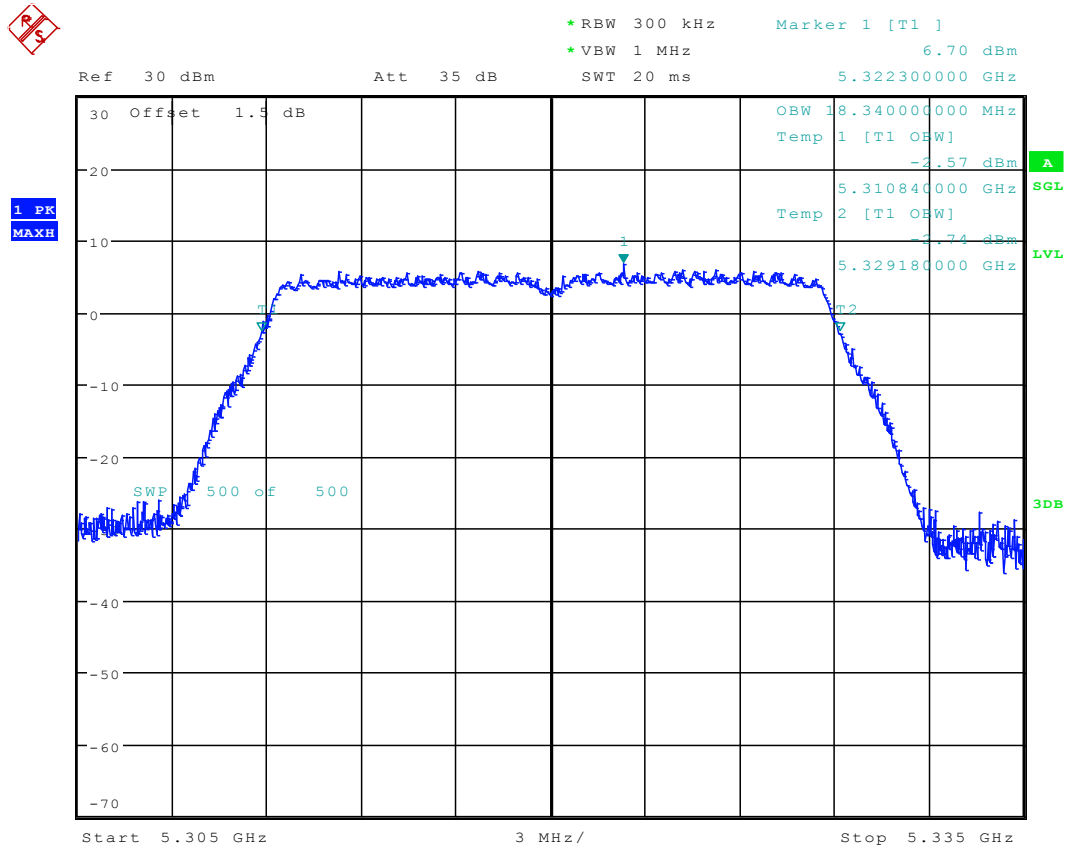
Date: 5.DEC.2016 15:48:56

5.27 11AC20_52 Ant 1



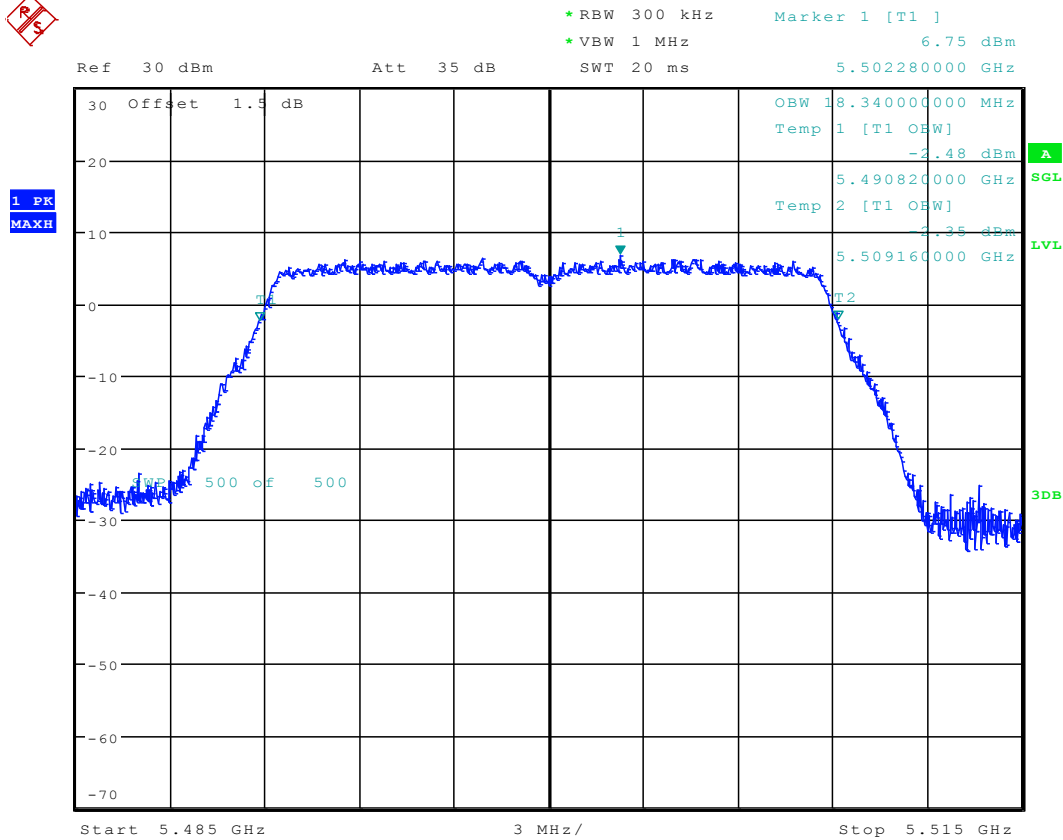
Date: 5.DEC.2016 15:54:05

5.28 11AC20_64 Ant 1



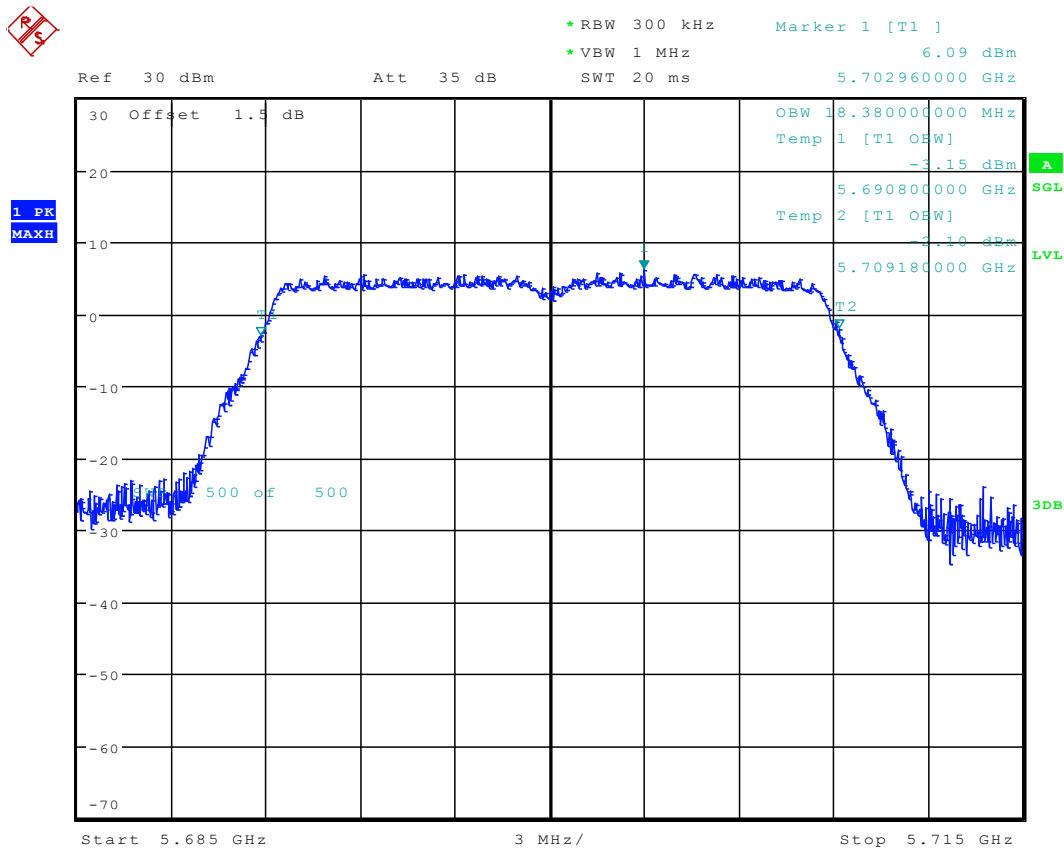
Date: 5.DEC.2016 15:59:39

5.29 11AC20_100 Ant 1



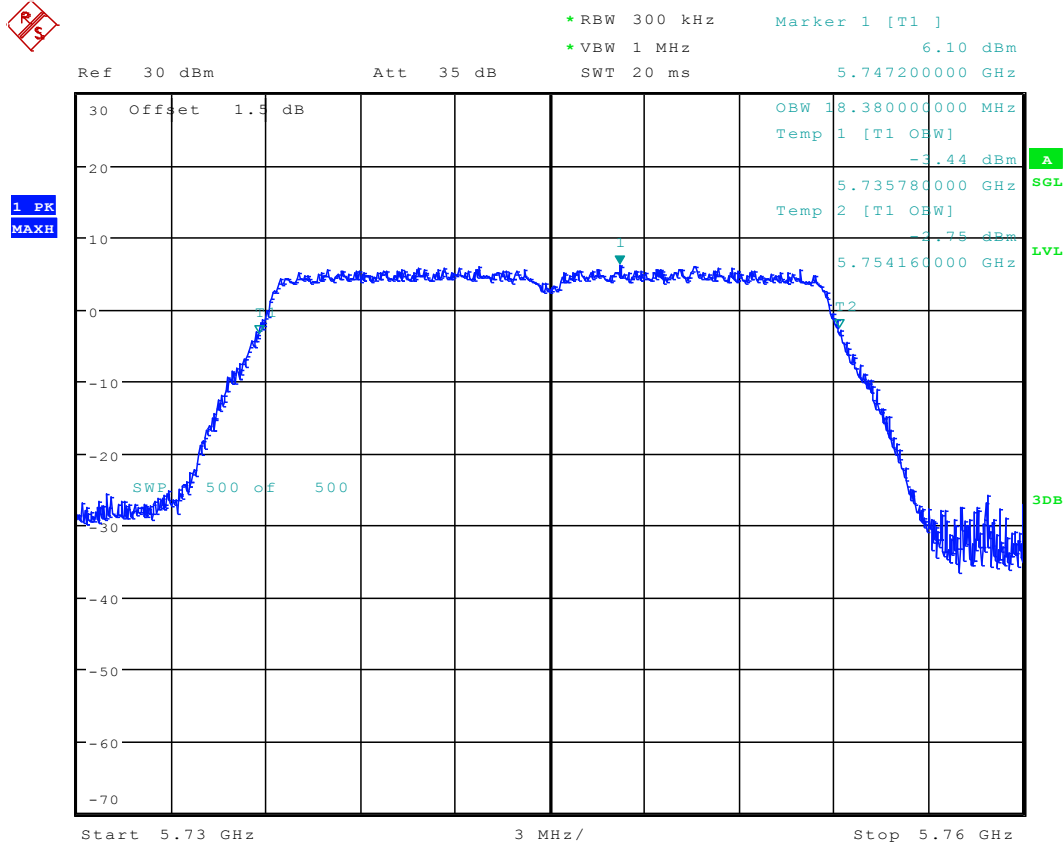
Date: 5.DEC.2016 16:05:43

5.30 11AC20_140 Ant 1



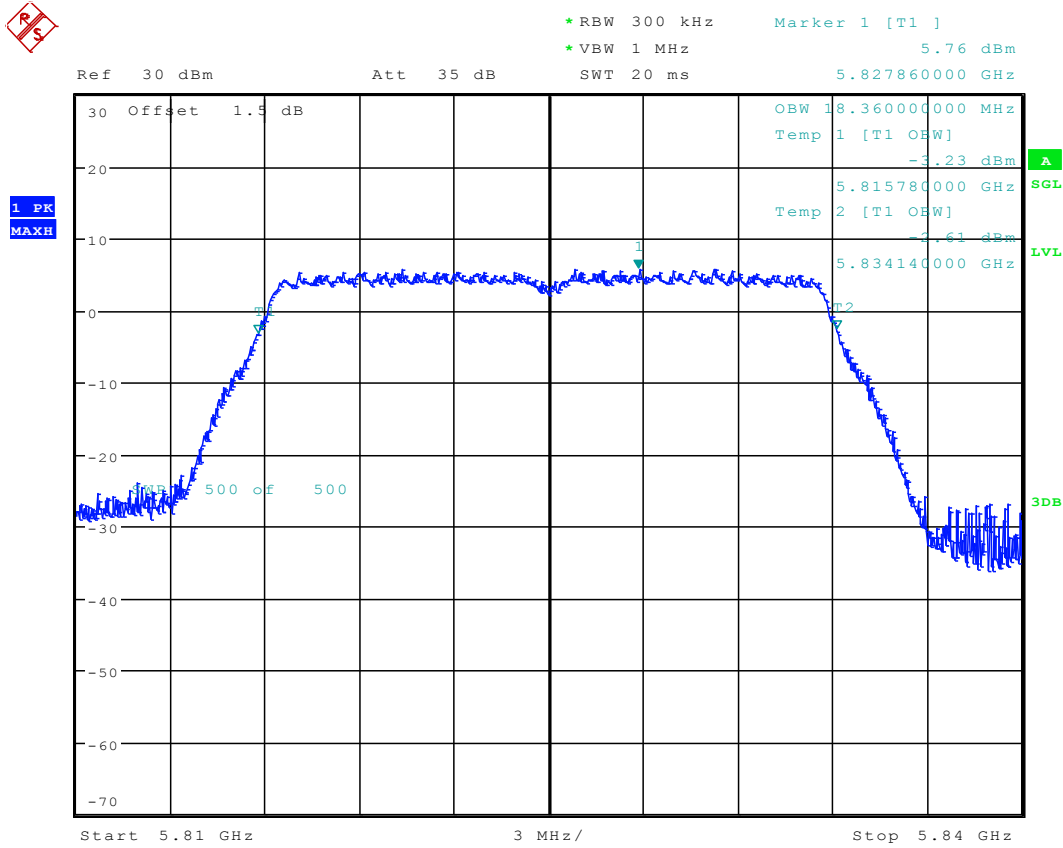
Date: 5.DEC.2016 16:12:40

5.31 11AC20_149 Ant 1



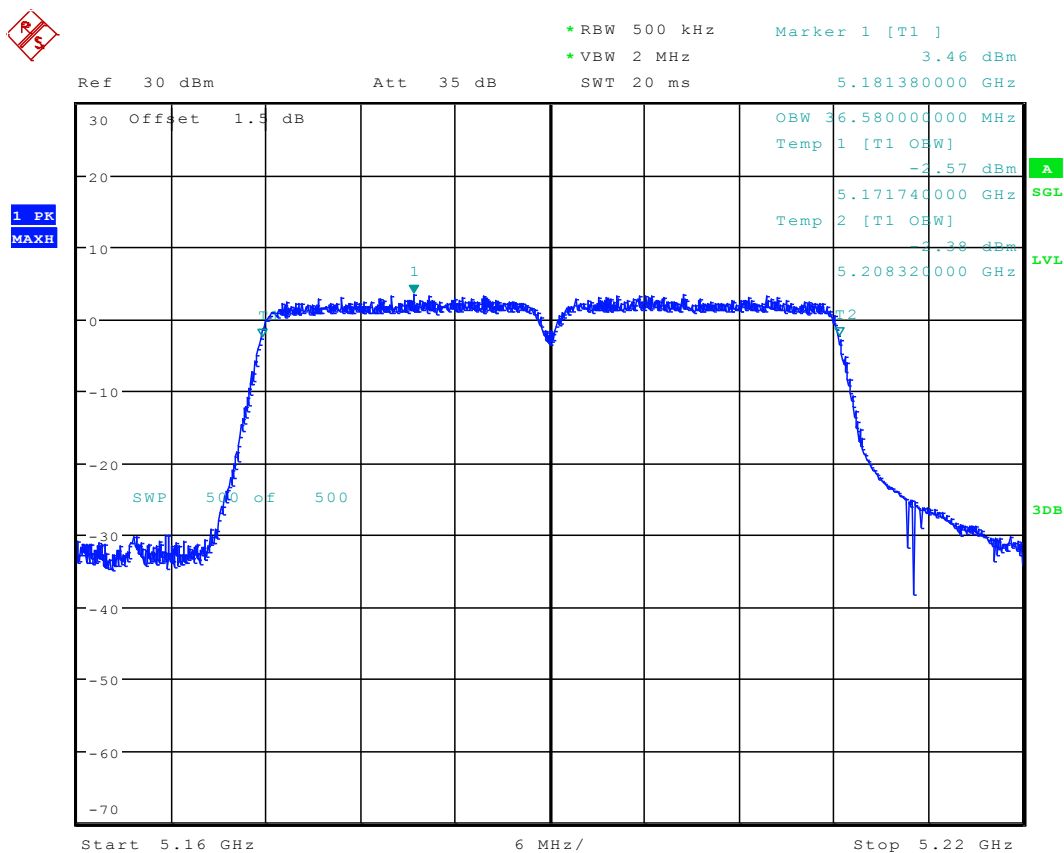
Date: 5.DEC.2016 16:20:57

5.32 11AC20_165 Ant 1



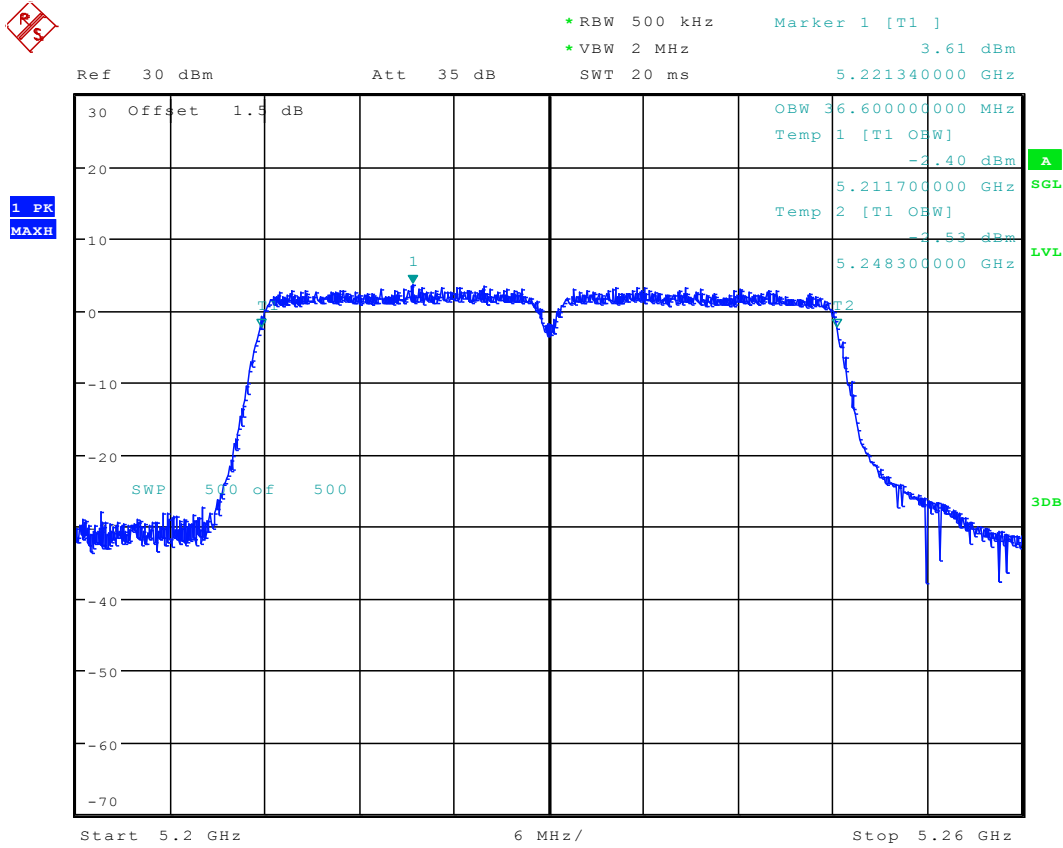
Date: 5.DEC.2016 16:46:07

5.33 11AC40_38 Ant 1



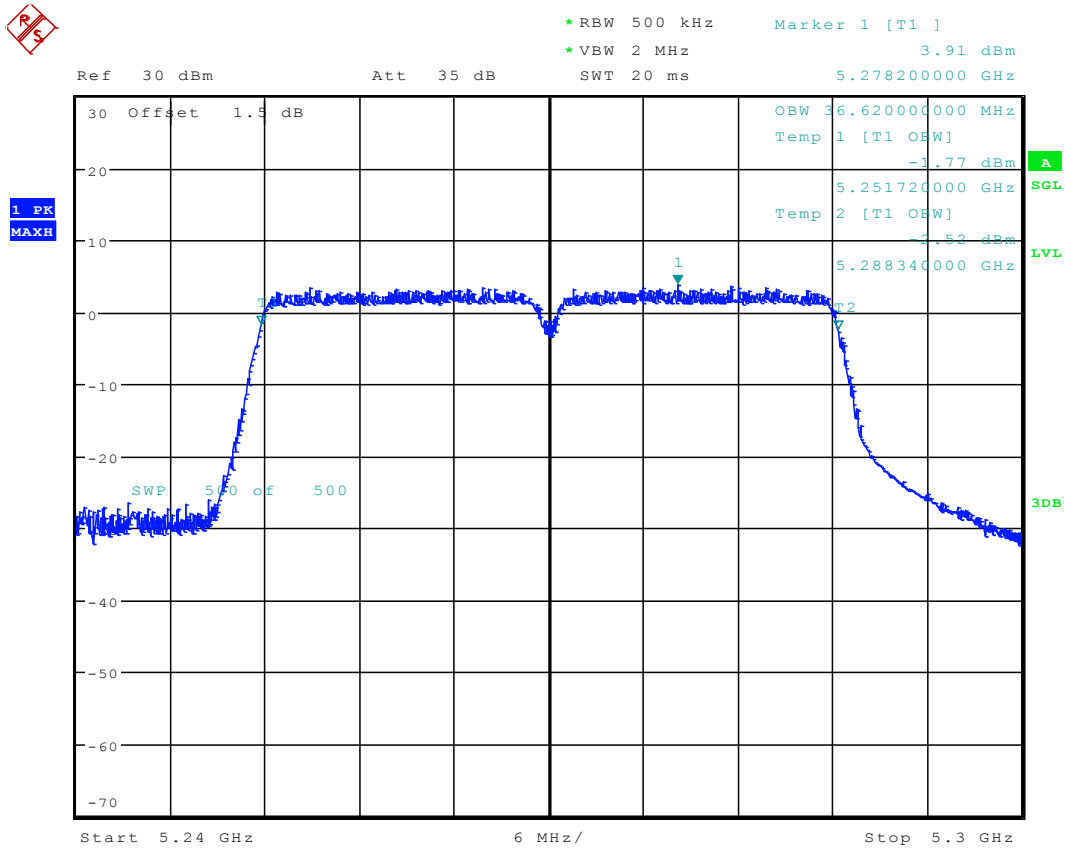
Date: 6.DEC.2016 10:35:21

5.34 11AC40_46 Ant 1



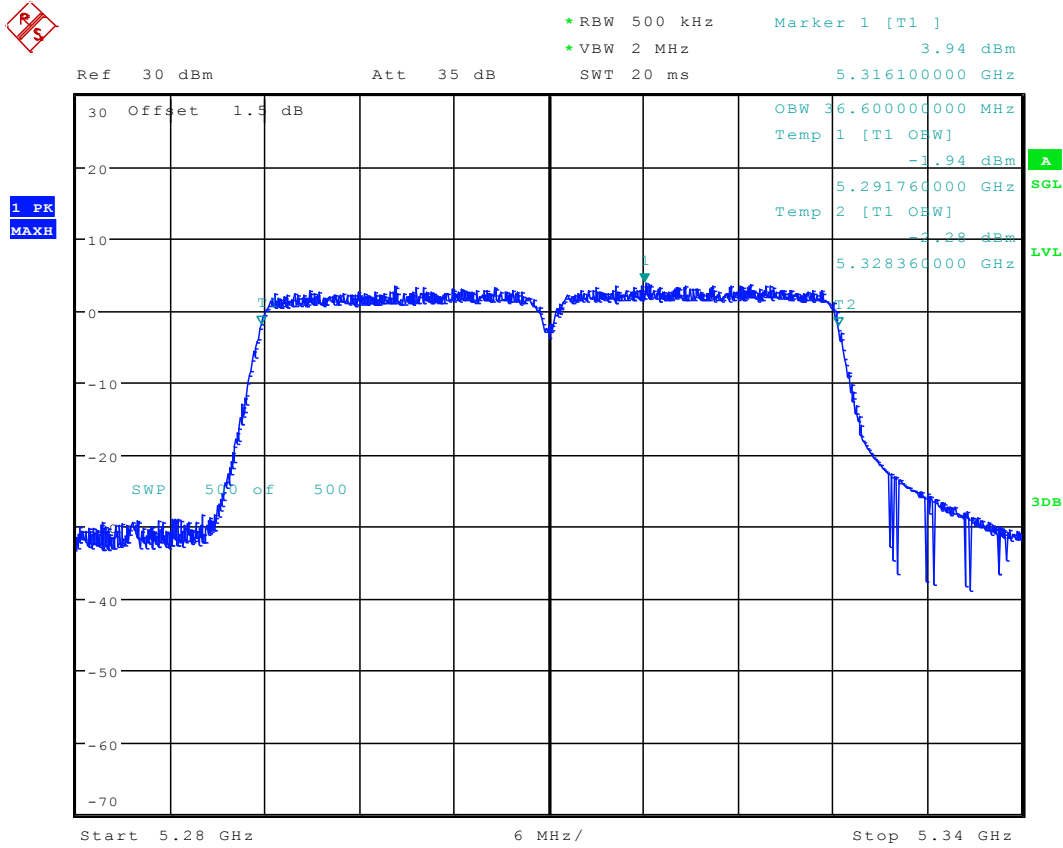
Date: 6.DEC.2016 10:26:17

5.35 11AC40_54 Ant 1



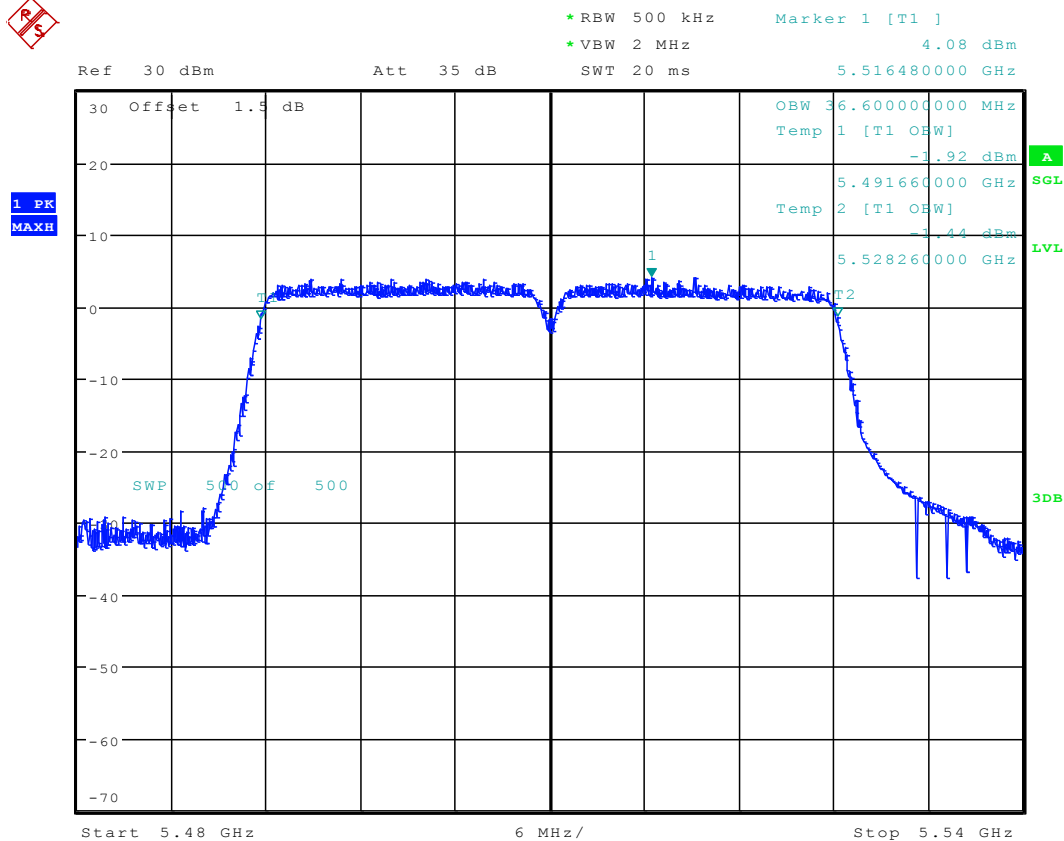
Date: 6.DEC.2016 10:33:16

5.36 11AC40_62 Ant 1



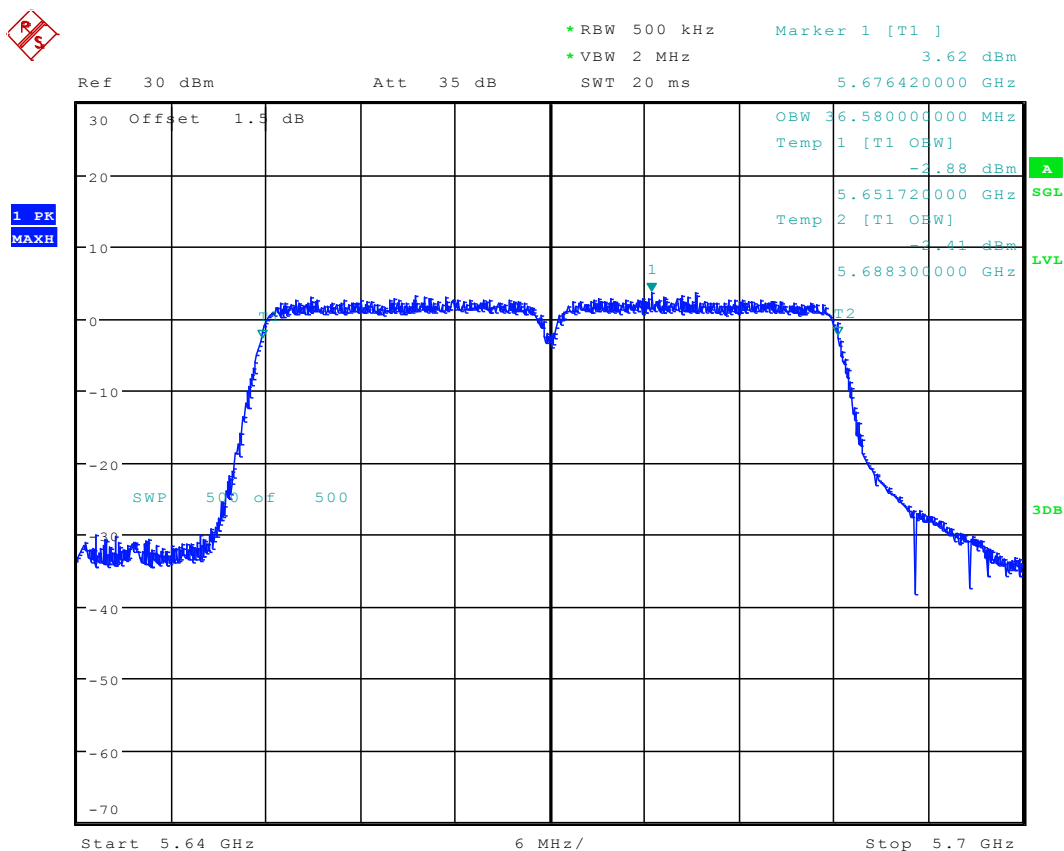
Date: 5.DEC.2016 17:18:03

5.37 11AC40_102 Ant 1



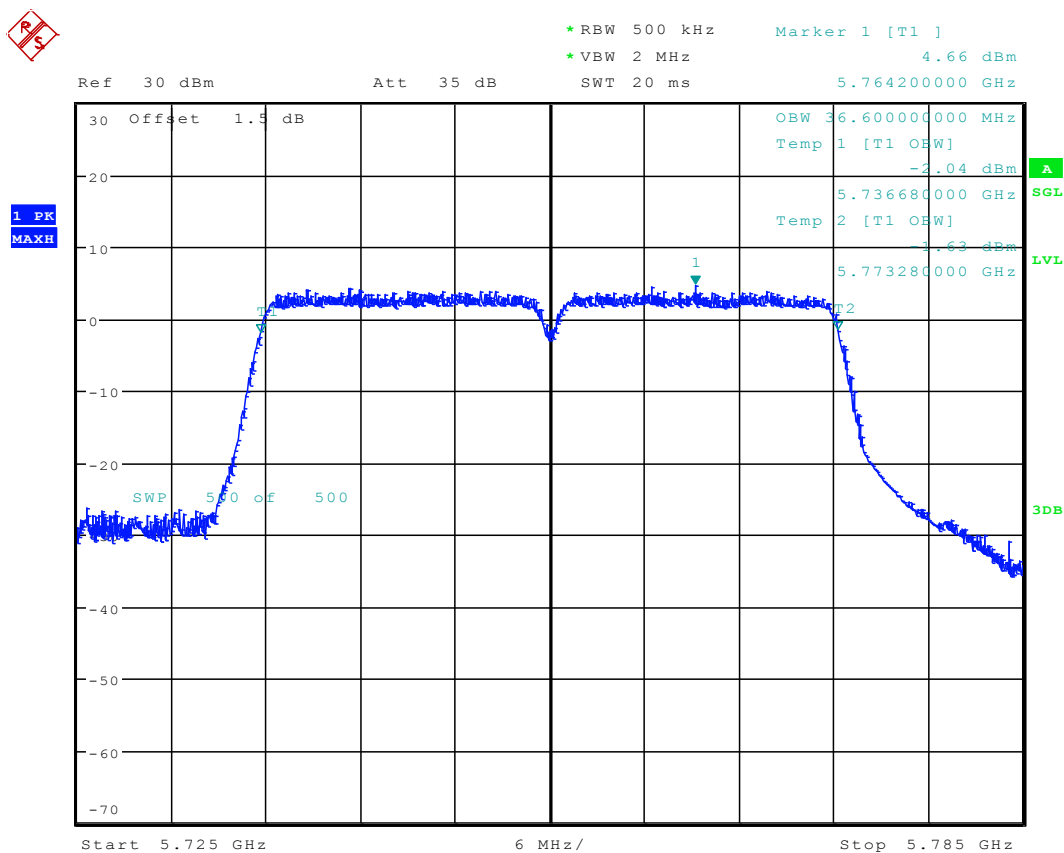
Date: 5.DEC.2016 17:24:12

5.38 11AC40_134 Ant 1



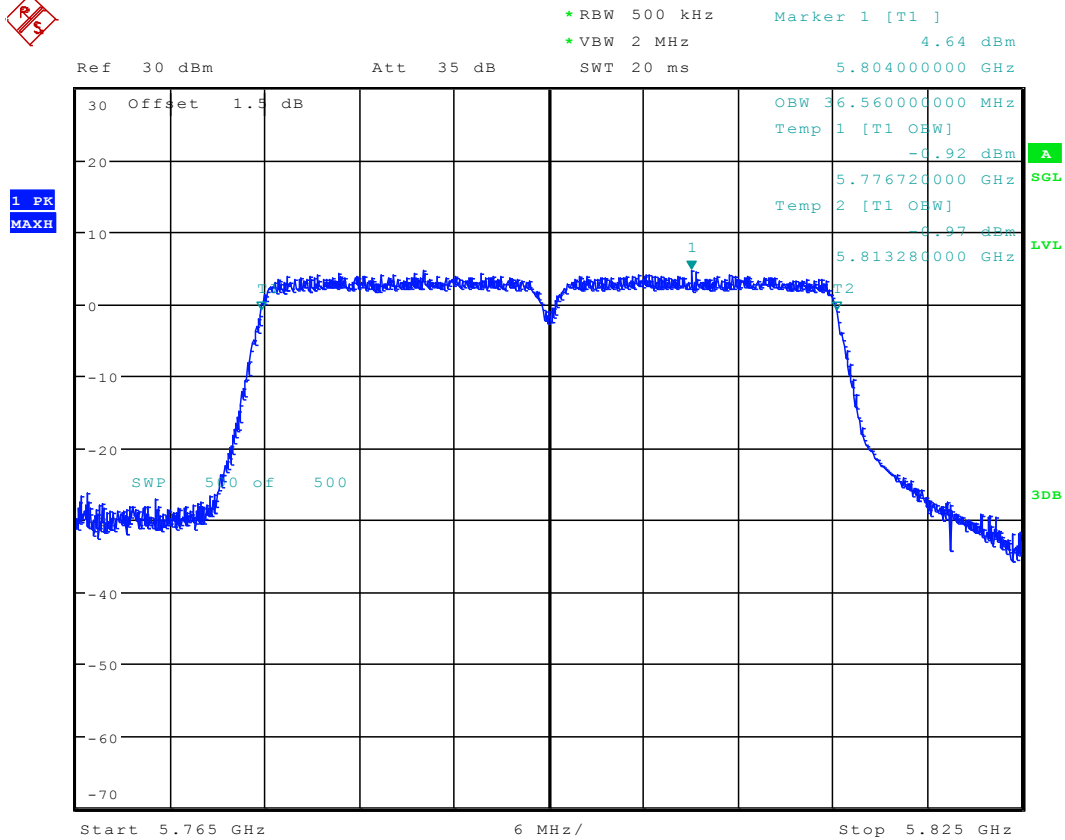
Date: 5.DEC.2016 17:27:52

5.39 11AC40_151 Ant 1



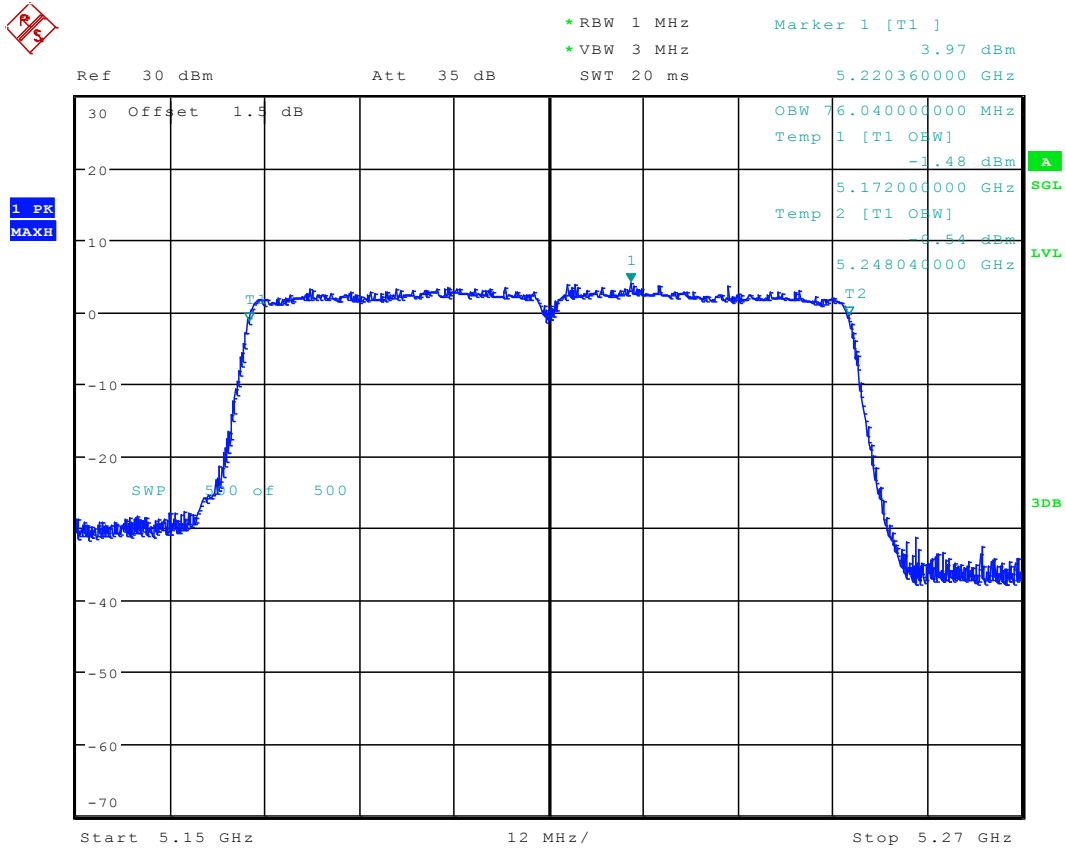
Date: 5.DEC.2016 17:31:31

5.40 11AC40_159 Ant 1



Date: 5.DEC.2016 17:38:22

5.41 11AC80_42 Ant 1

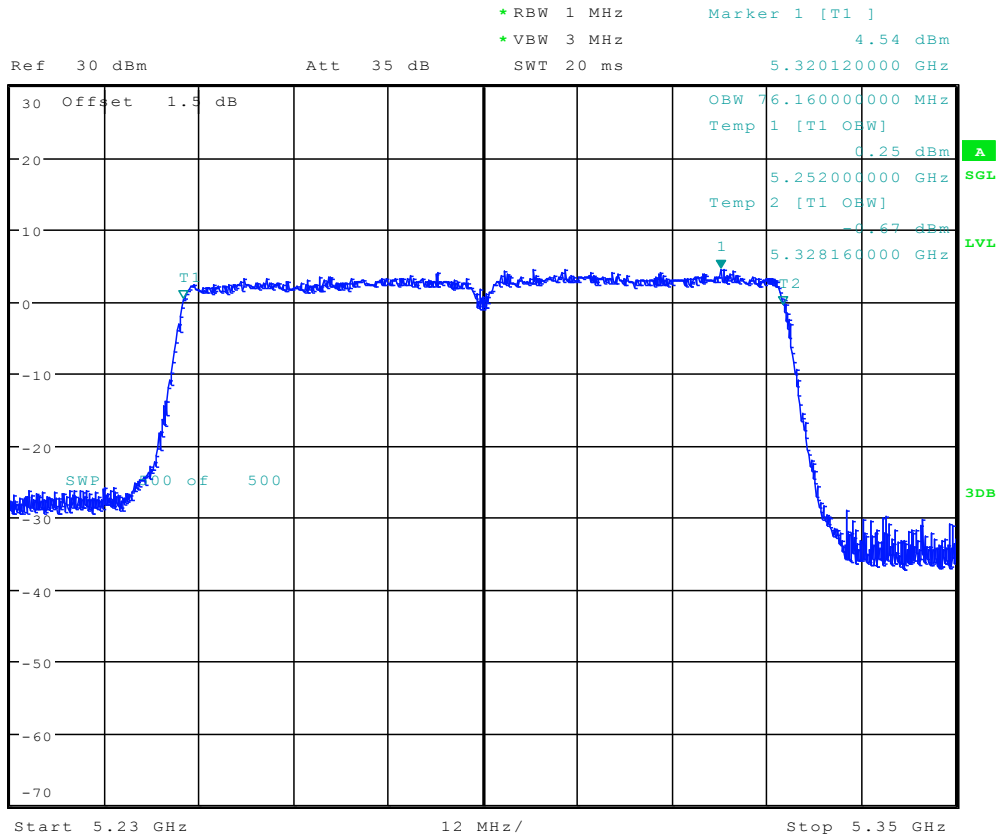


Date: 5.DEC.2016 17:51:52

5.42 11AC80_58 Ant 1

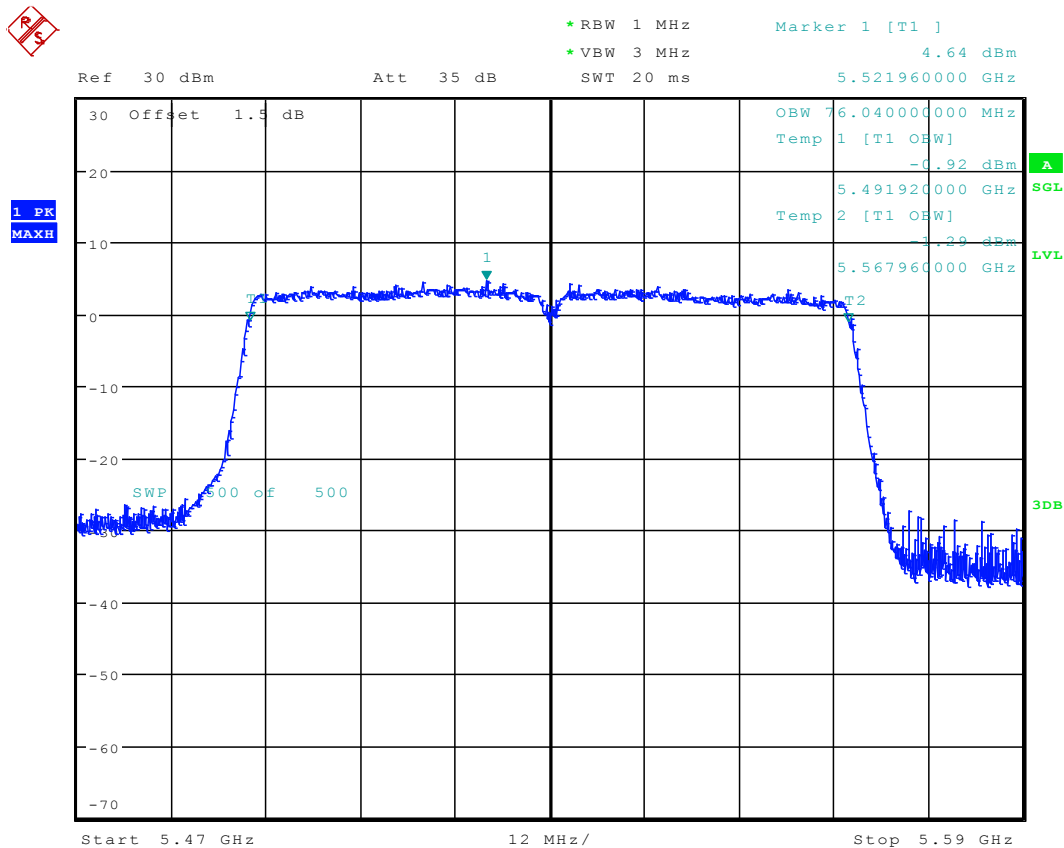


1 PK
MAXH



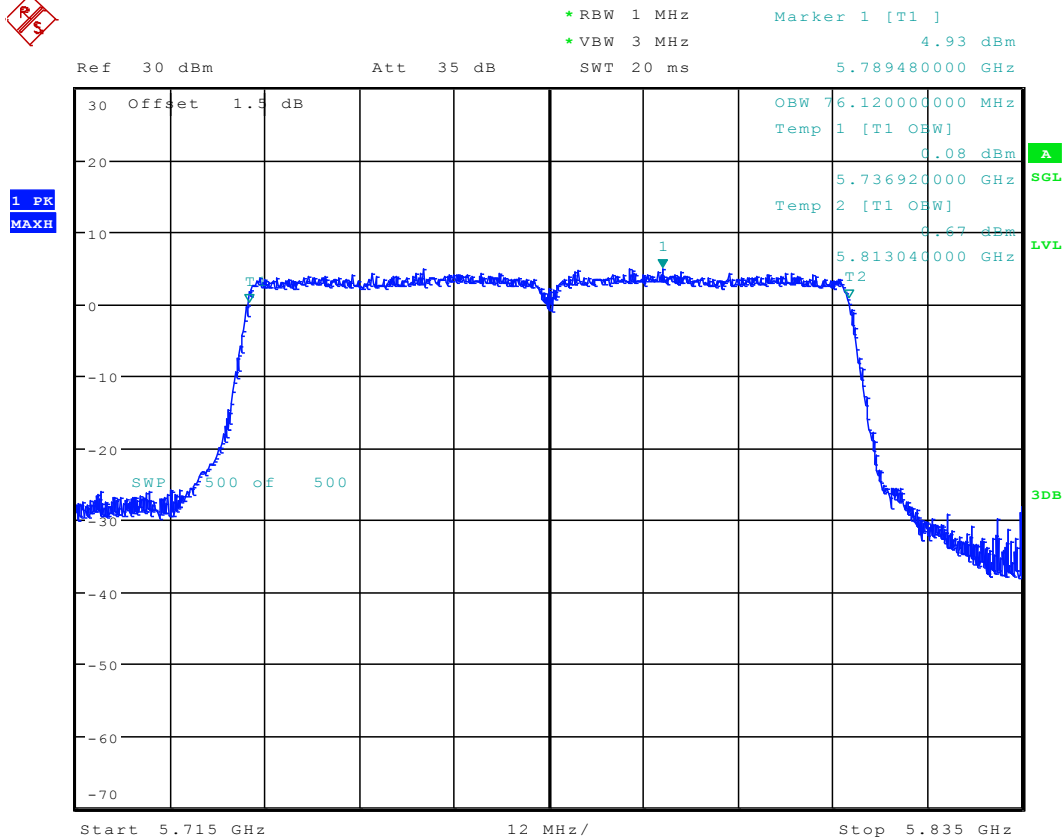
Date: 5.DEC.2016 17:59:42

5.43 11AC80_106 Ant 1



Date: 5.DEC.2016 18:07:18

5.44 11AC80_155 Ant 1



Date: 5.DEC.2016 18:12:46

Appendix C: Duty Cycle

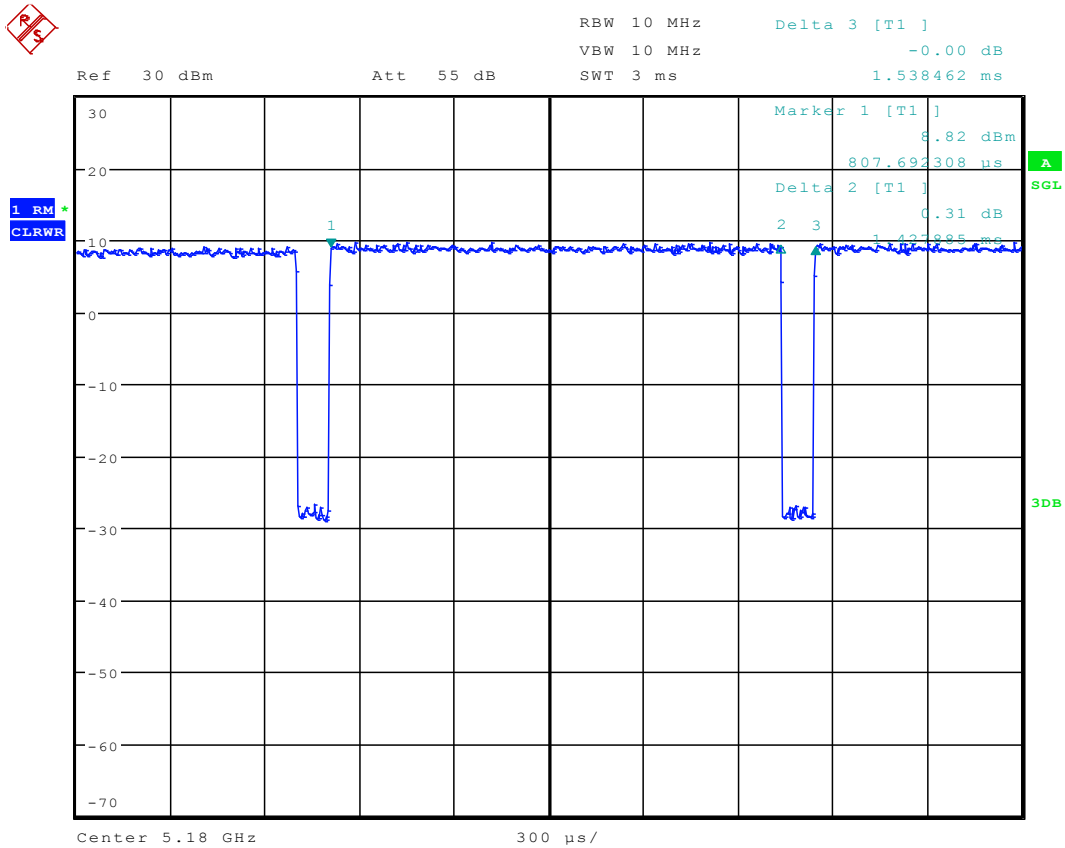
6 Part I - Test Results

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Duty cycle [%]
11A	36,	5180	Ant 1	92.8
11A	48	5240	Ant 1	92.8
11A	52	5260	Ant 1	92.8
11A	64	5320	Ant 1	92.8
11A	100	5500	Ant 1	92.8
11A	140	5700	Ant 1	92.8
11A	149	5745	Ant 1	92.8
11A	165	5825	Ant 1	92.8
11N20	36	5180	Ant 1	92.4
11N20	48	5240	Ant 1	92.4
11N20	52	5260	Ant 1	92.4
11N20	64	5320	Ant 1	92.4
11N20	100	5500	Ant 1	92.4
11N20	140	5700	Ant 1	92.4
11N20	149	5745	Ant 1	92.4
11N20	165	5825	Ant 1	92.4
11N40	38	5190	Ant 1	86.2
11N40	46	5230	Ant 1	86.2
11N40	54	5270	Ant 1	86.2
11N40	62	5310	Ant 1	86.2
11N40	102	5510	Ant 1	86.2
11N40	134	5670	Ant 1	86.2
11N40	151	5755	Ant 1	86.2
11N40	159	5795	Ant 1	86.2
11AC20	36	5180	Ant 1	92.4
11AC20	48	5240	Ant 1	92.4
11AC20	52	5260	Ant 1	92.4
11AC20	64	5320	Ant 1	92.4
11AC20	100	5500	Ant 1	92.4
11AC20	140	5700	Ant 1	92.4
11AC20	149	5745	Ant 1	92.4
11AC20	165	5825	Ant 1	92.4
11AC40	38	5190	Ant 1	86

11AC40	46	5230	Ant 1	86
11AC40	54	5270	Ant 1	86
11AC40	62	5310	Ant 1	86
11AC40	102	5510	Ant 1	86
11AC40	134	5670	Ant 1	86
11AC40	151	5755	Ant 1	86
11AC40	159	5795	Ant 1	86
11AC80	42	5210	Ant 1	86.3
11AC80	58	5290	Ant 1	86.3
11AC80	106	5530	Ant 1	86.3
11AC80	155	5775	Ant 1	86.3

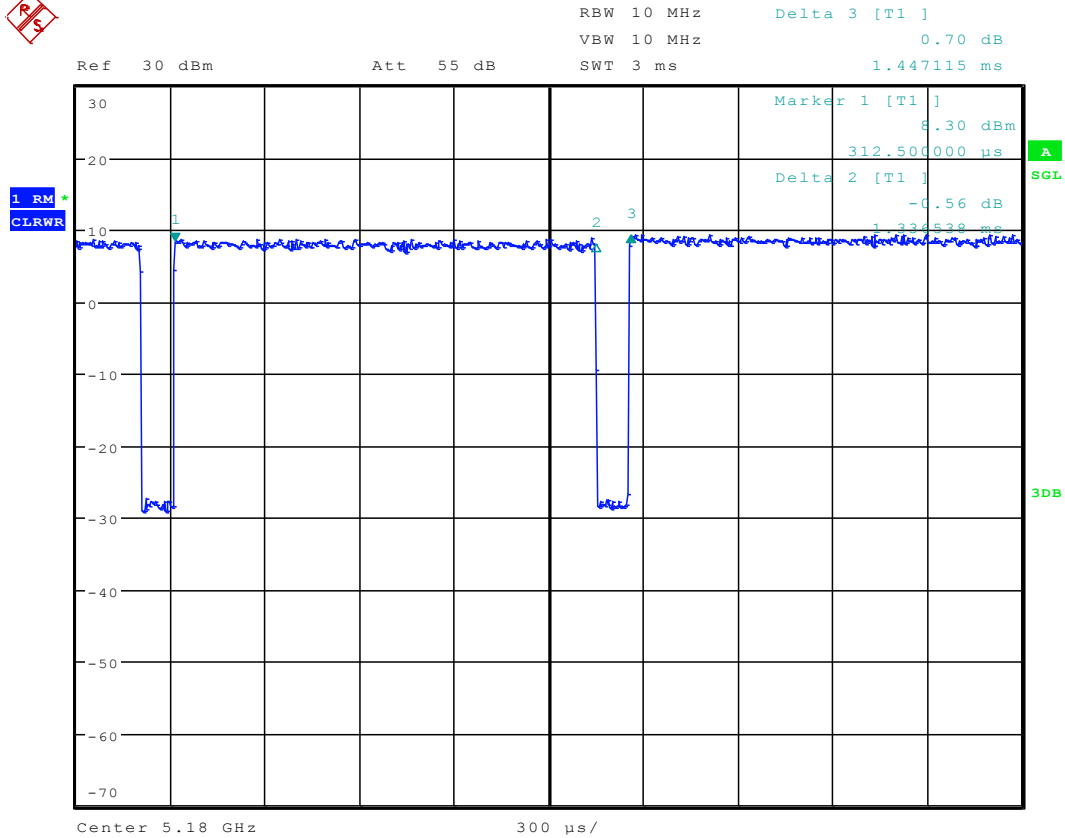
7 Test Plot

7.1 11A



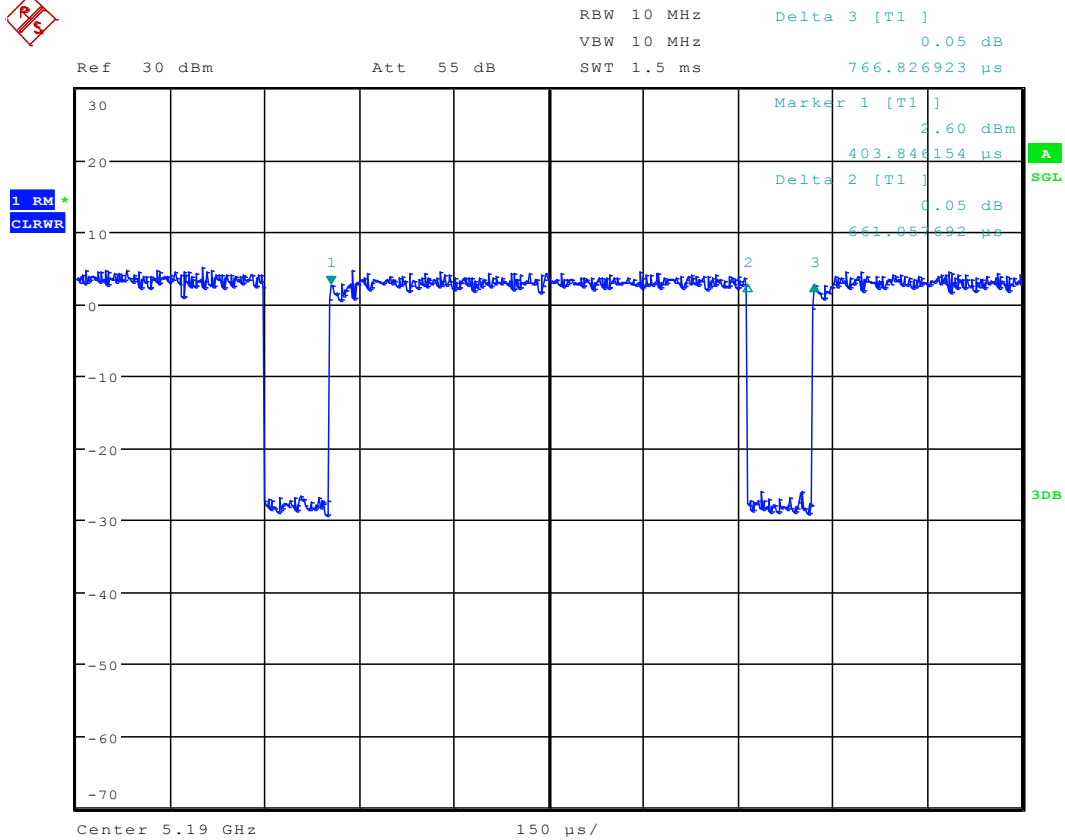
Date: 5.DEC.2016 11:01:42

7.2 11n20



Date: 5.DEC.2016 11:05:15

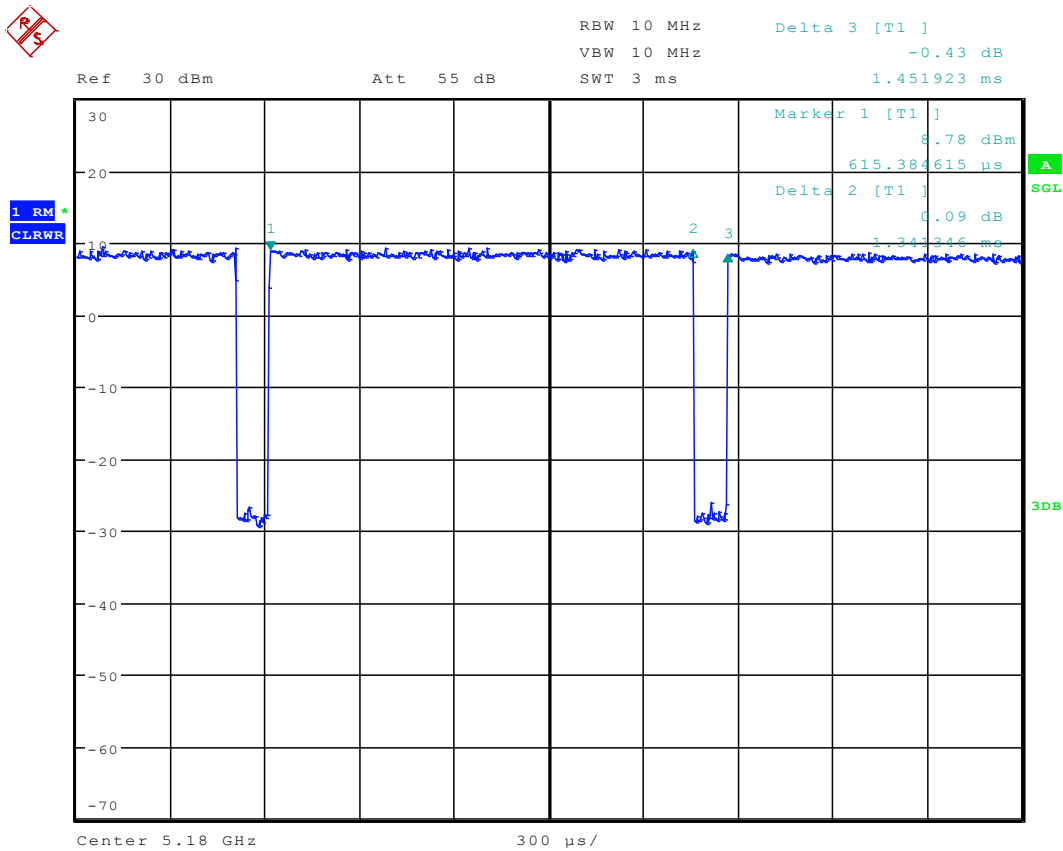
7.3 11n40



Date: 5.DEC.2016 11:25:16

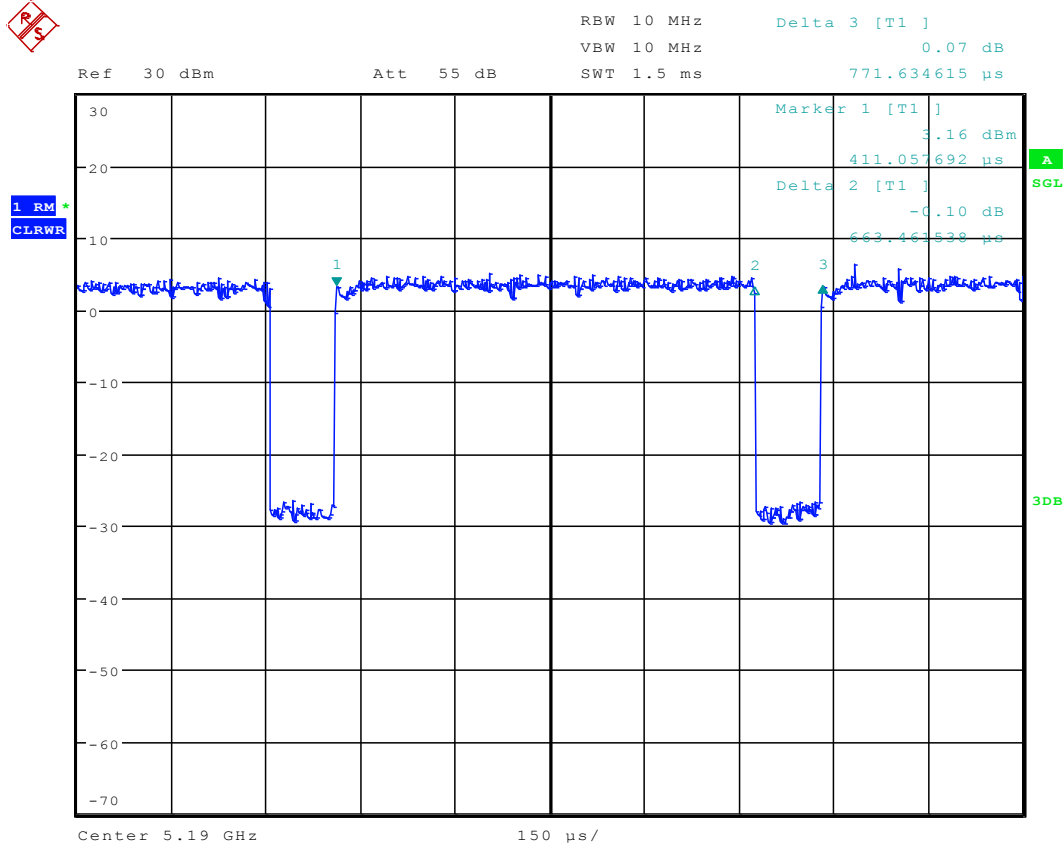


7.4 11ac20



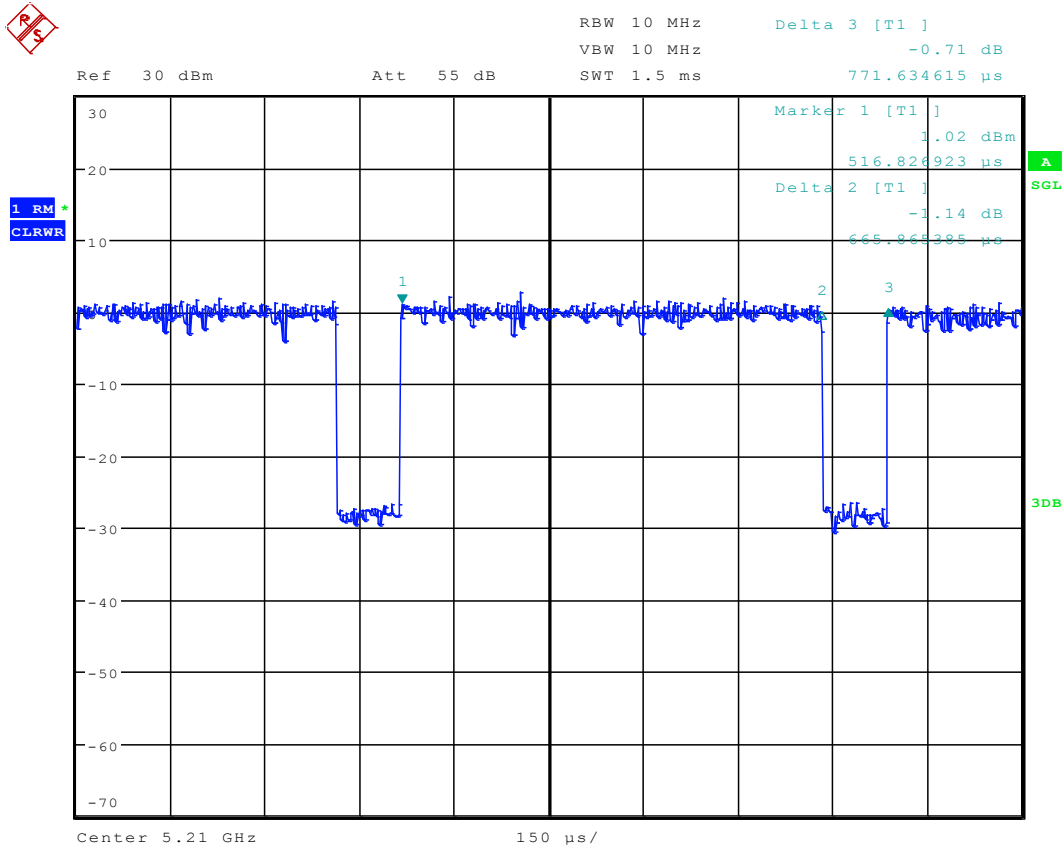
Date: 5.DEC.2016 11:11:40

7.5 11ac40



Date: 5.DEC.2016 11:22:22

7.6 11ac80



Date: 5.DEC.2016 11:19:31

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	12.29	pass
	48	5240	Ant 1	11.99	pass
	52	5260	Ant 1	12.70	pass
	64	5320	Ant 1	12.57	pass
	100	5500	Ant 1	12.71	pass
	140	5700	Ant 1	12.37	pass
	149	5745	Ant 1	12.39	pass
	165	5825	Ant 1	12.36	pass
11N20	36	5180	Ant 1	12.42	pass
	48	5240	Ant 1	12.00	pass
	52	5260	Ant 1	12.77	pass
	64	5320	Ant 1	12.55	pass
	100	5500	Ant 1	12.76	pass
	140	5700	Ant 1	12.21	pass
	149	5745	Ant 1	12.54	pass
	165	5825	Ant 1	12.40	pass
11N40	38	5190	Ant 1	9.86	pass
	46	5230	Ant 1	9.79	pass
	54	5270	Ant 1	9.94	pass
	62	5310	Ant 1	9.90	pass
	102	5510	Ant 1	10.43	pass
	134	5670	Ant 1	9.91	pass
	151	5755	Ant 1	10.83	pass
	159	5795	Ant 1	10.77	pass
11AC20	36	5180	Ant 1	12.34	pass
	48	5240	Ant 1	12.36	pass
	52	5260	Ant 1	12.80	pass
	64	5320	Ant 1	12.56	pass
	100	5500	Ant 1	12.66	pass
	140	5700	Ant 1	12.33	pass
	149	5745	Ant 1	12.40	pass
	165	5825	Ant 1	12.29	pass
11AC40	38	5190	Ant 1	9.93	pass
	46	5230	Ant 1	9.90	pass

	54	5270	Ant 1	10.02	pass
	62	5310	Ant 1	10.00	pass
	102	5510	Ant 1	10.40	pass
	134	5670	Ant 1	9.96	pass
	151	5755	Ant 1	10.89	pass
	159	5795	Ant 1	10.96	pass
11AC80	42	5210	Ant 1	9.28	pass
	58	5290	Ant 1	9.24	pass
	106	5530	Ant 1	9.44	pass
	155	5775	Ant 1	9.97	pass

Appendix E: Peak Power Spectral Density Level

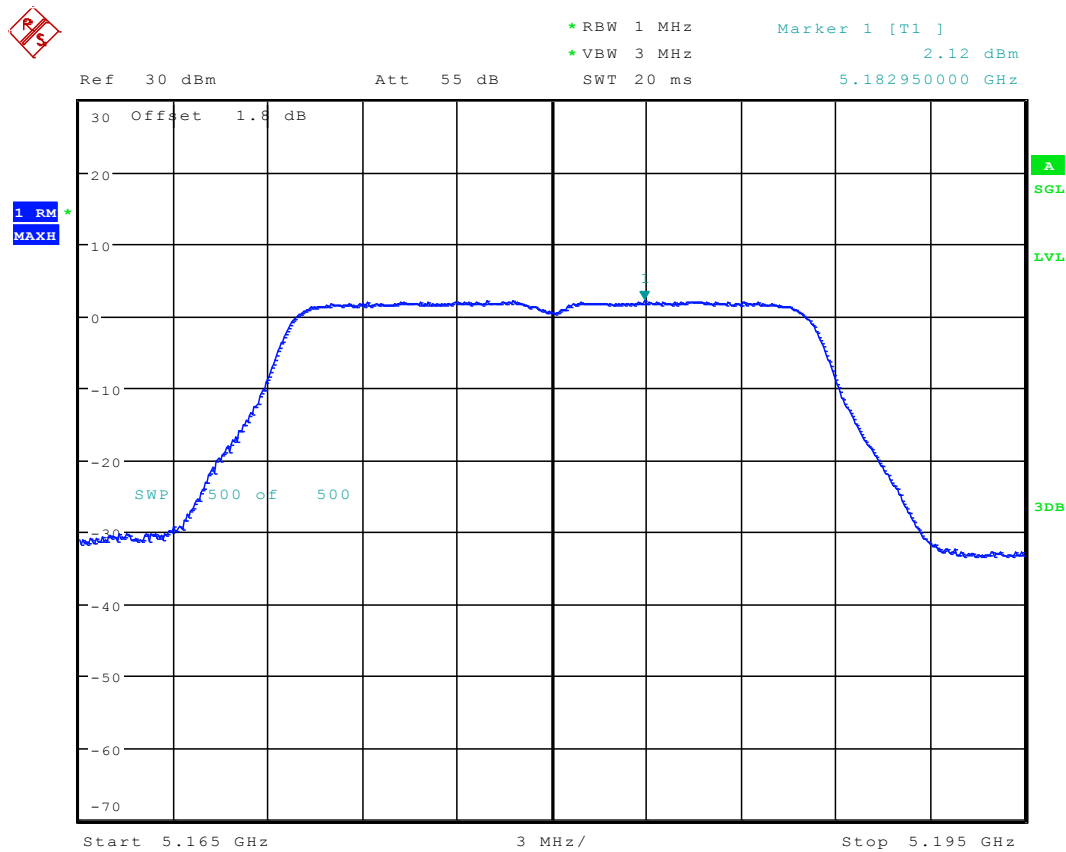
9 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A	36	5180	Ant 1	2.12	pass
	48	5240	Ant 1	2.22	pass
	52	5260	Ant 1	2.82	pass
	64	5320	Ant 1	2.86	pass
	100	5500	Ant 1	2.87	pass
	140	5700	Ant 1	2.33	pass
	149	5745	Ant 1	2.63	pass
	165	5825	Ant 1	2.54	pass
11N20	36	5180	Ant 1	2.07	pass
	48	5240	Ant 1	1.75	pass
	52	5260	Ant 1	2.63	pass
	64	5320	Ant 1	2.47	pass
	100	5500	Ant 1	2.67	pass
	140	5700	Ant 1	2.58	pass
	149	5745	Ant 1	2.34	pass
	165	5825	Ant 1	2.04	pass
11N40	38	5190	Ant 1	-3.04	pass
	46	5230	Ant 1	-2.99	pass
	54	5270	Ant 1	-2.92	pass
	62	5310	Ant 1	-3.14	pass
	102	5510	Ant 1	-2.54	pass
	134	5670	Ant 1	-2.97	pass
	151	5755	Ant 1	-1.88	pass
	159	5795	Ant 1	-1.64	pass
11AC20	36	5180	Ant 1	2.25	pass
	48	5240	Ant 1	2.02	pass
	52	5260	Ant 1	2.63	pass
	64	5320	Ant 1	2.65	pass
	100	5500	Ant 1	2.75	pass
	140	5700	Ant 1	2.40	pass
	149	5745	Ant 1	2.03	pass
	165	5825	Ant 1	2.16	pass
11AC40	38	5190	Ant 1	-3.07	pass
	46	5230	Ant 1	-3.15	pass

	54	5270	Ant 1	-3.08	pass
	62	5310	Ant 1	-2.50	pass
	102	5510	Ant 1	-1.91	pass
	134	5670	Ant 1	-2.82	pass
	151	5755	Ant 1	-2.06	pass
	159	5795	Ant 1	-1.83	pass
11AC80	42	5210	Ant 1	-6.06	pass
	58	5290	Ant 1	-5.83	pass
	106	5530	Ant 1	-5.48	pass
	155	5775	Ant 1	-5.20	pass

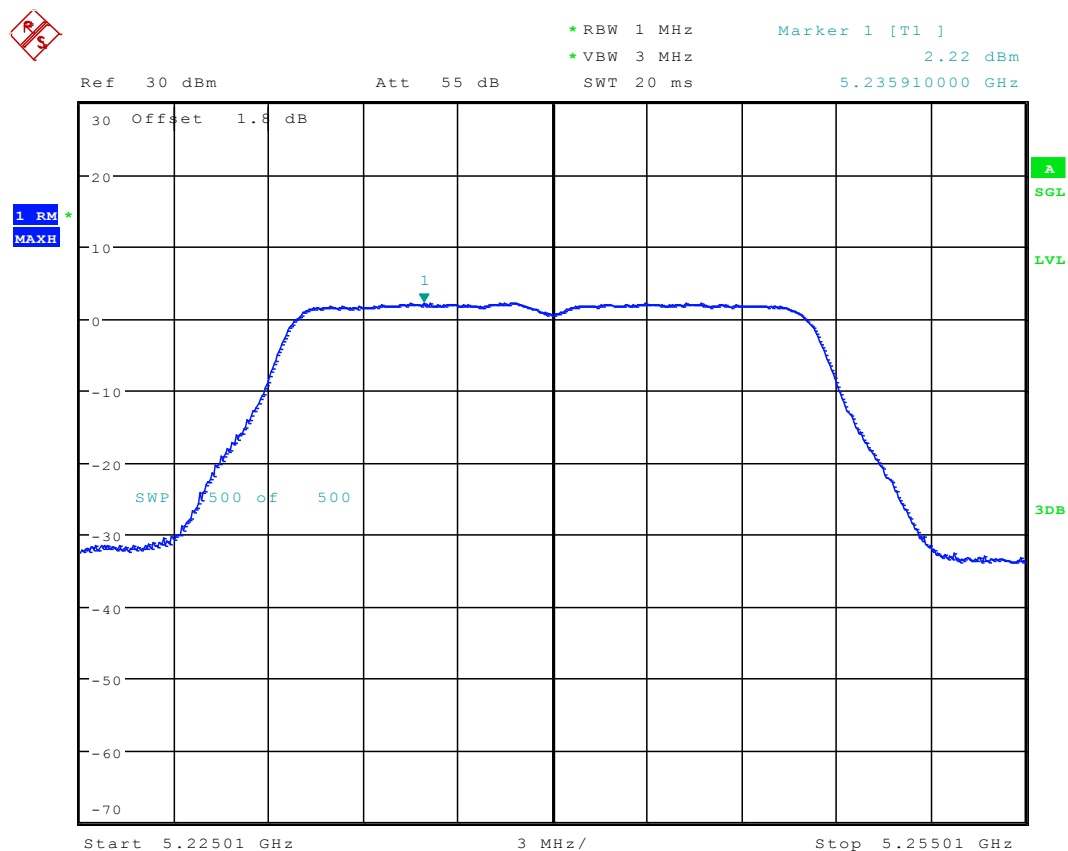
10 Test Plot

10.1 11A_36 Ant 1



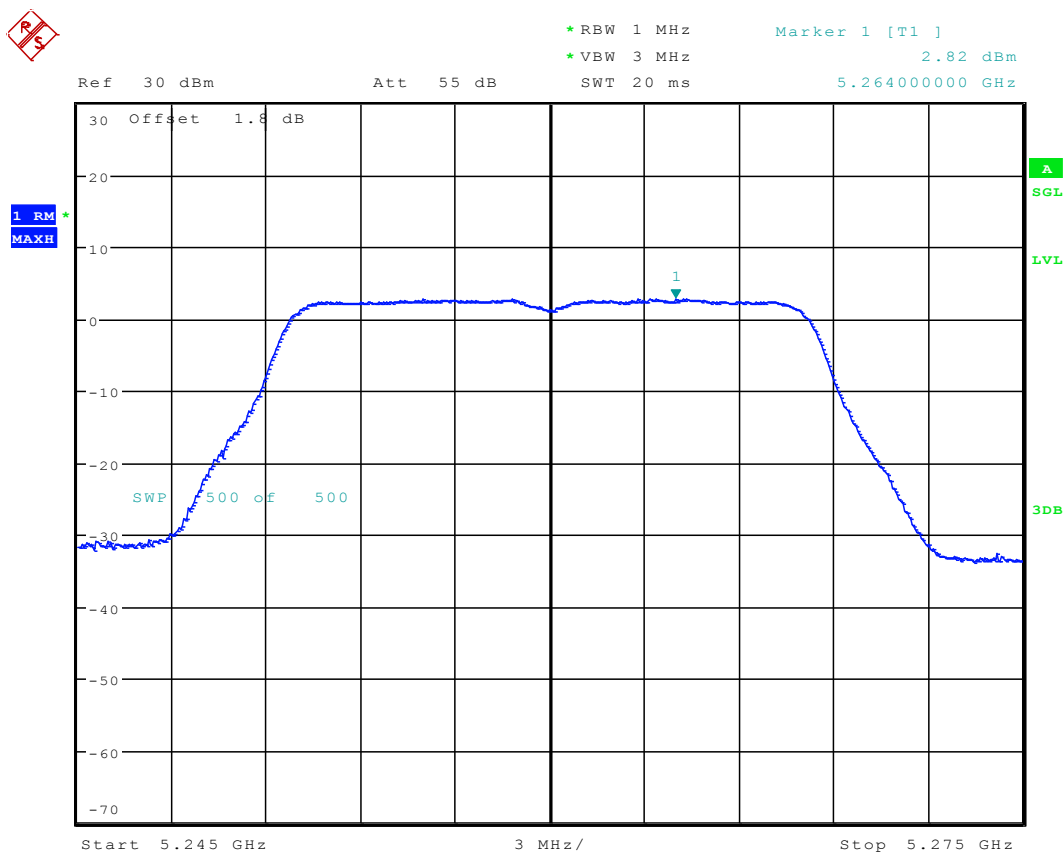
Date: 12.DEC.2016 15:34:21

10.2 11A_48 Ant 1



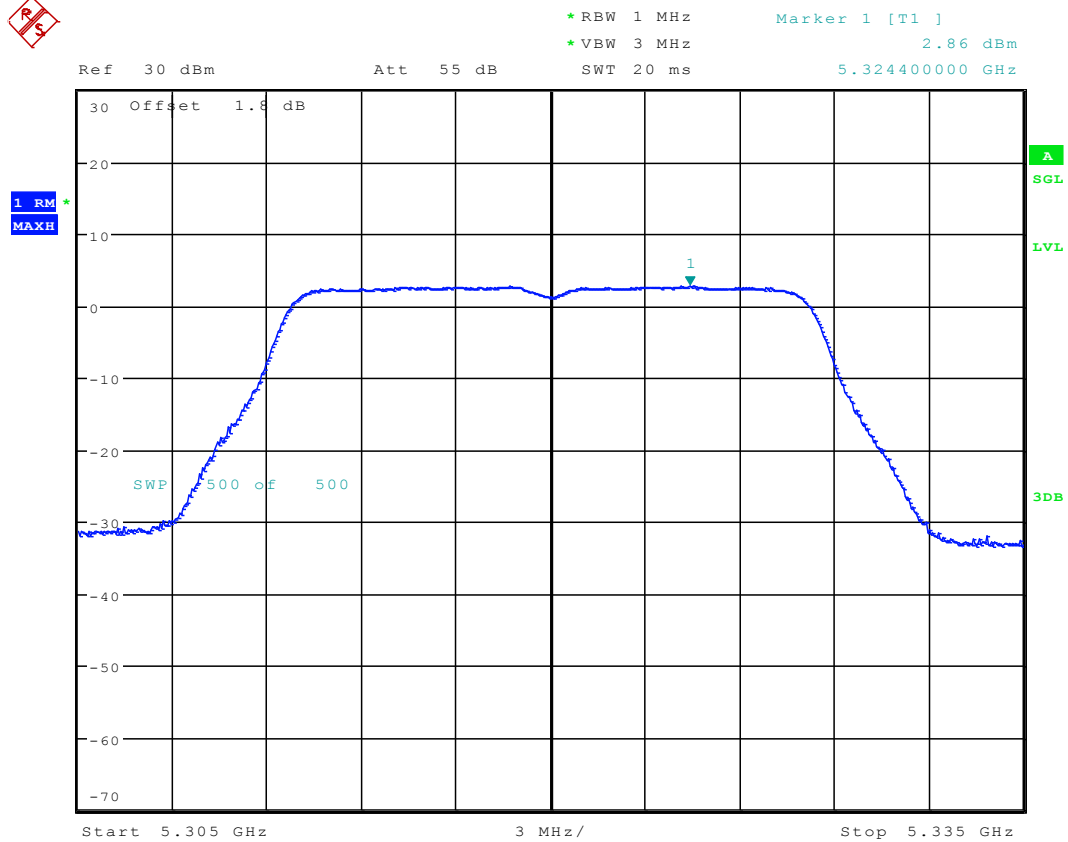
Date: 12.DEC.2016 15:42:12

10.3 11A_52 Ant 1



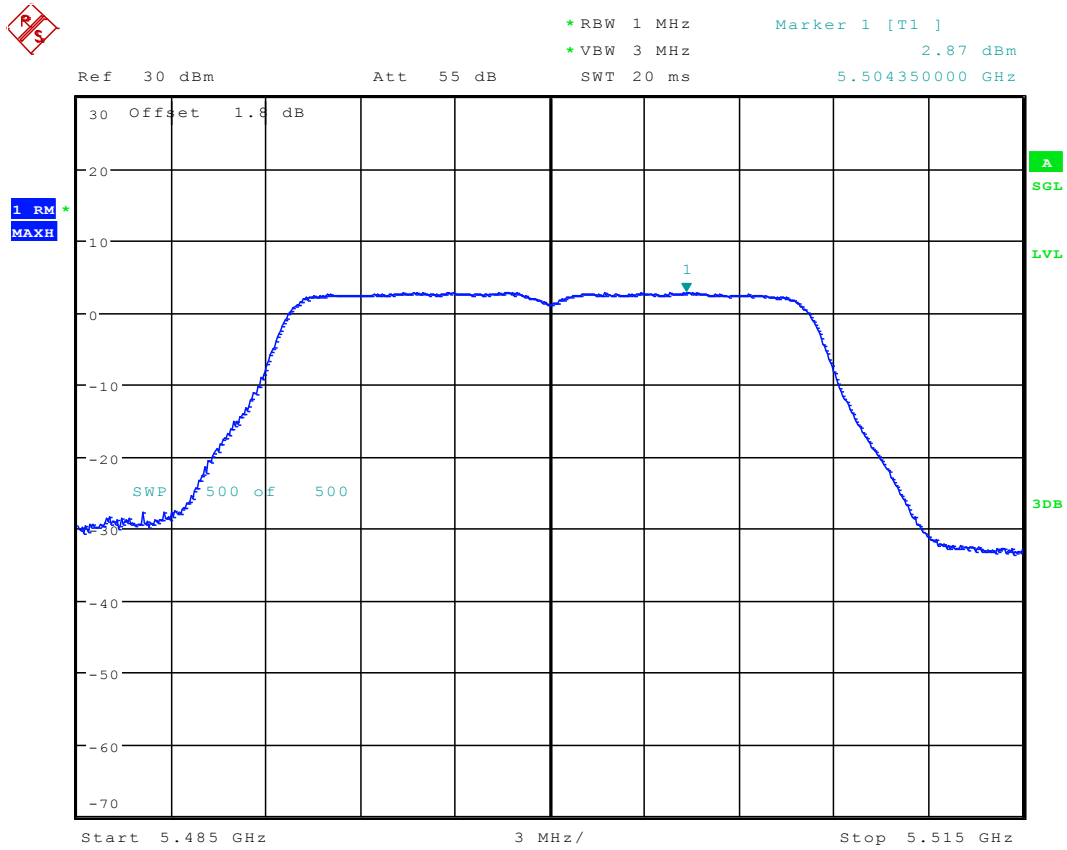
Date: 12.DEC.2016 15:59:13

10.4 11A_64 Ant 1



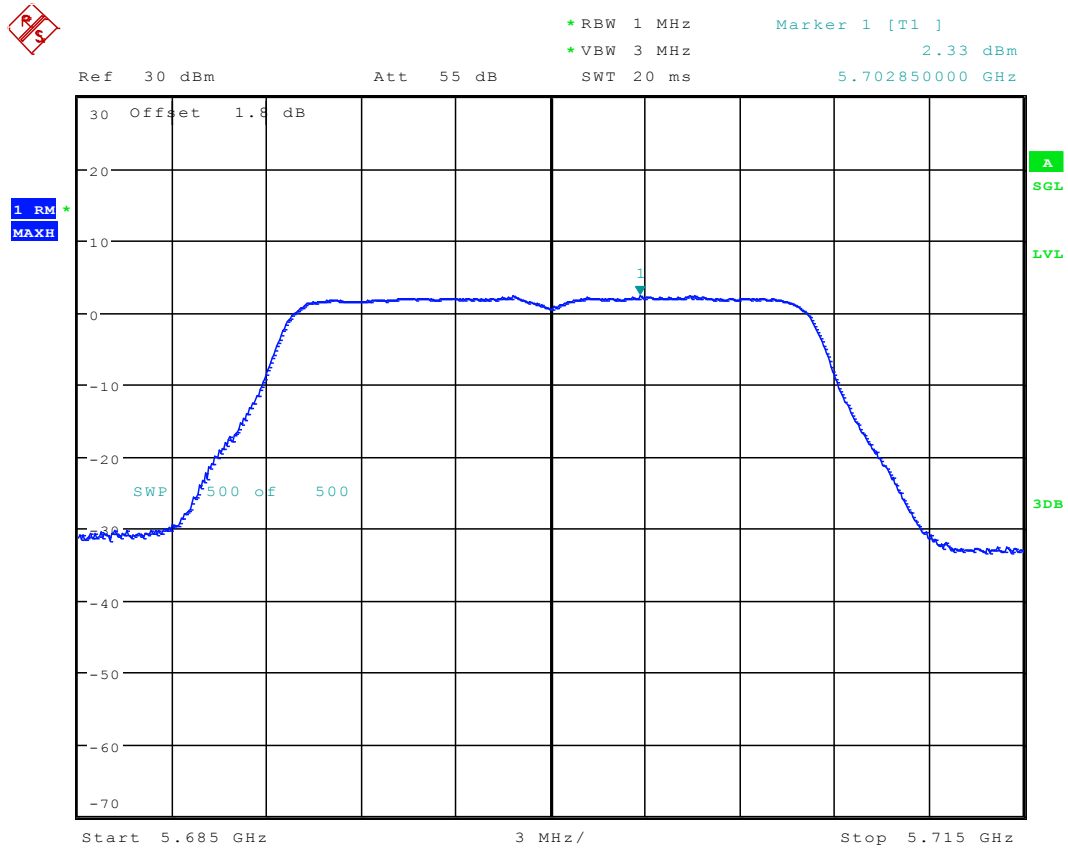
Date: 12.DEC.2016 16:32:52

10.5 11A_100 Ant 1



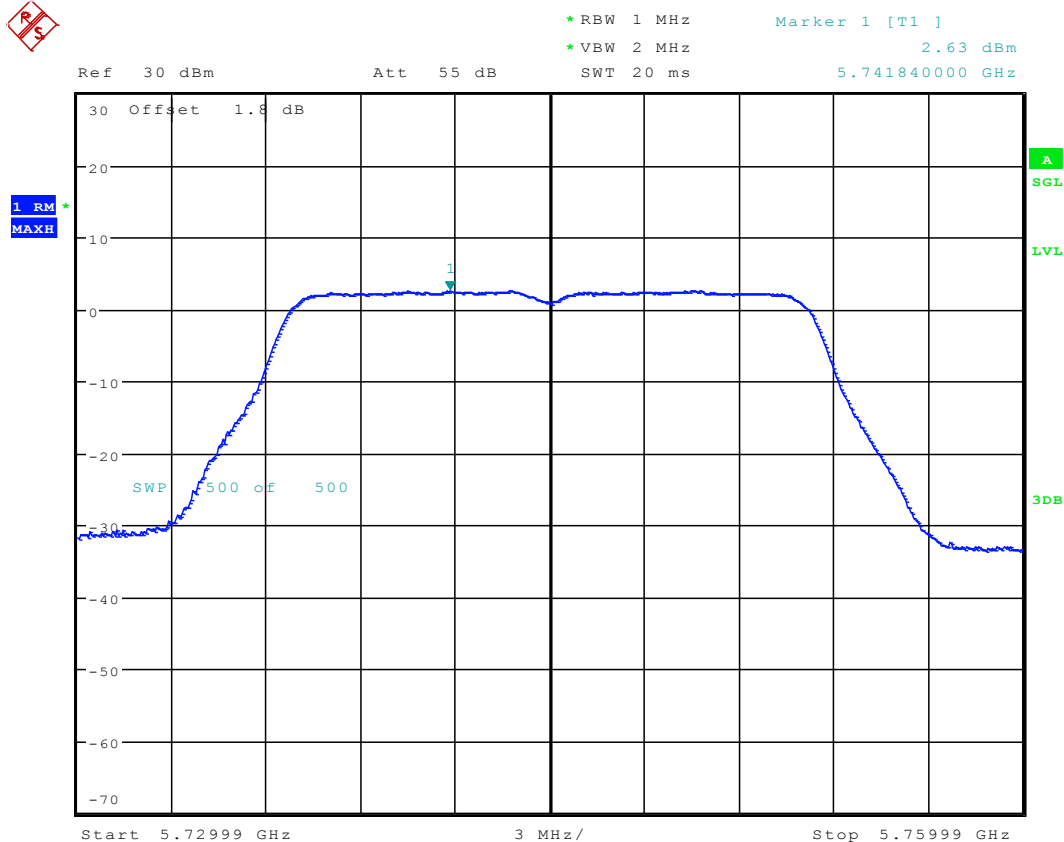
Date: 12.DEC.2016 16:34:25

10.6 11A_140 Ant 1



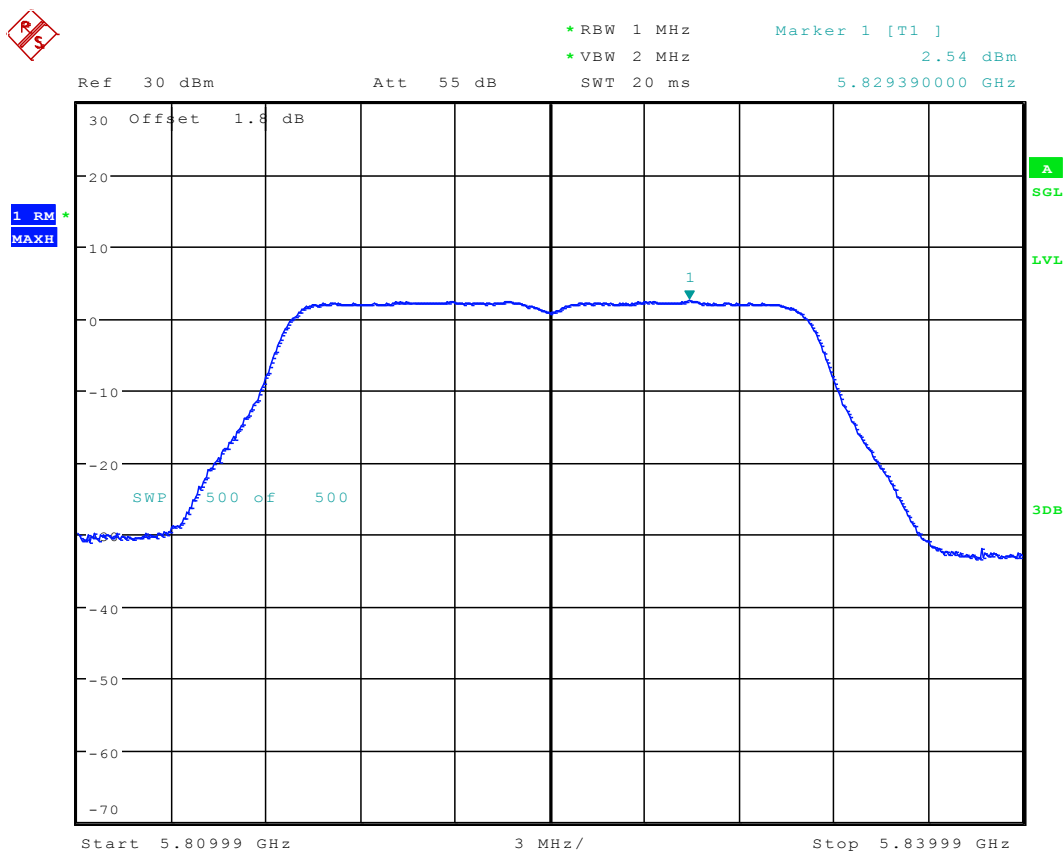
Date: 12.DEC.2016 16:37:20

10.7 11A_149 Ant 1



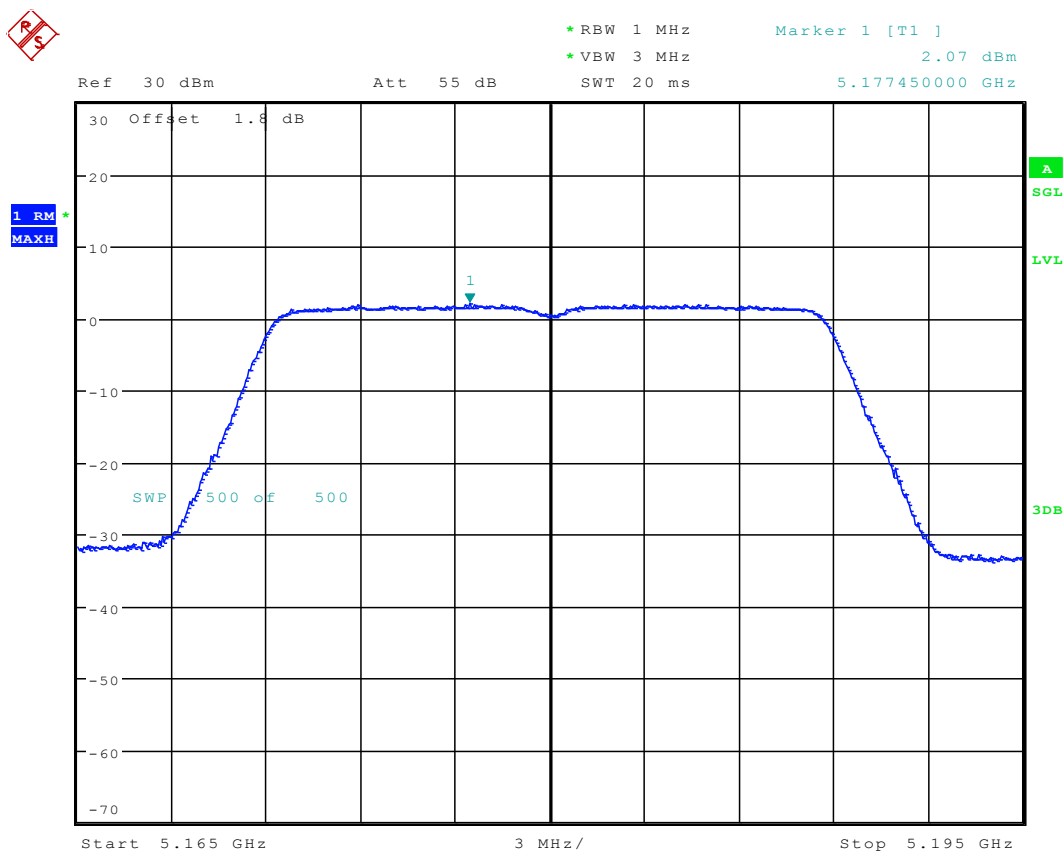
Date: 12.DEC.2016 16:47:53

10.8 11A_165 Ant 1



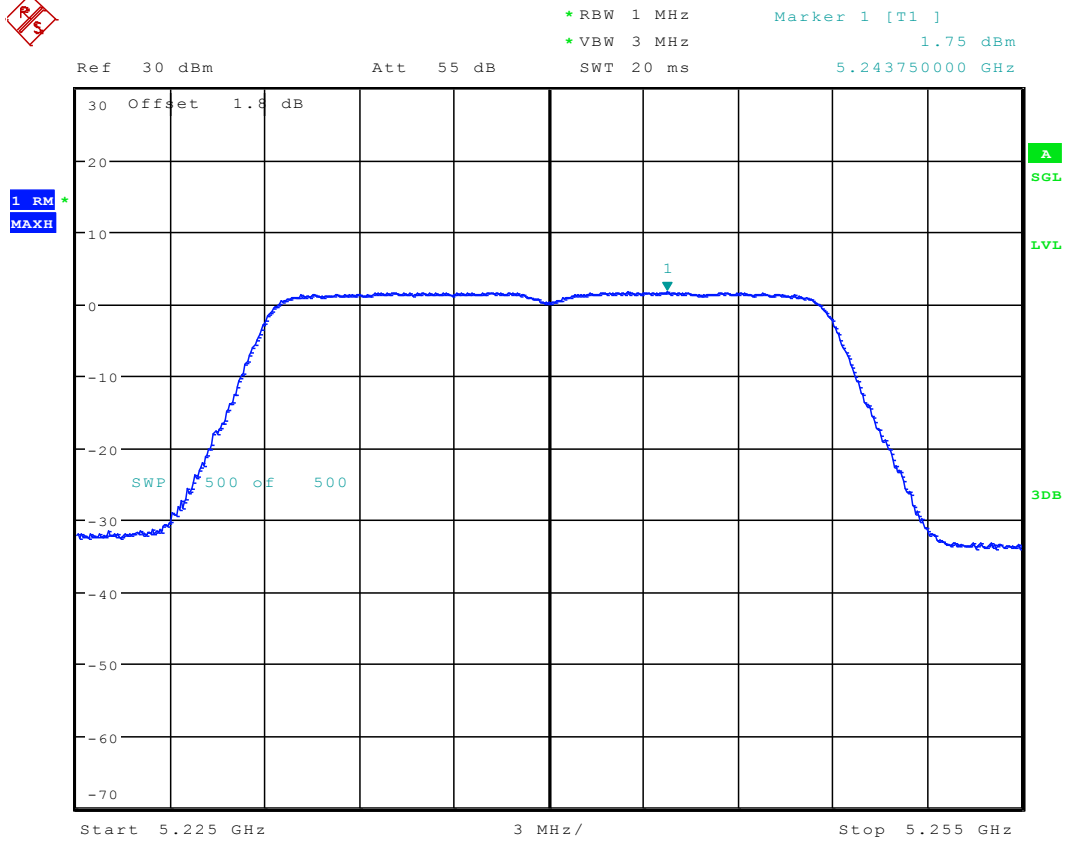
Date: 12.DEC.2016 16:51:09

10.9 11N20_36 Ant 1



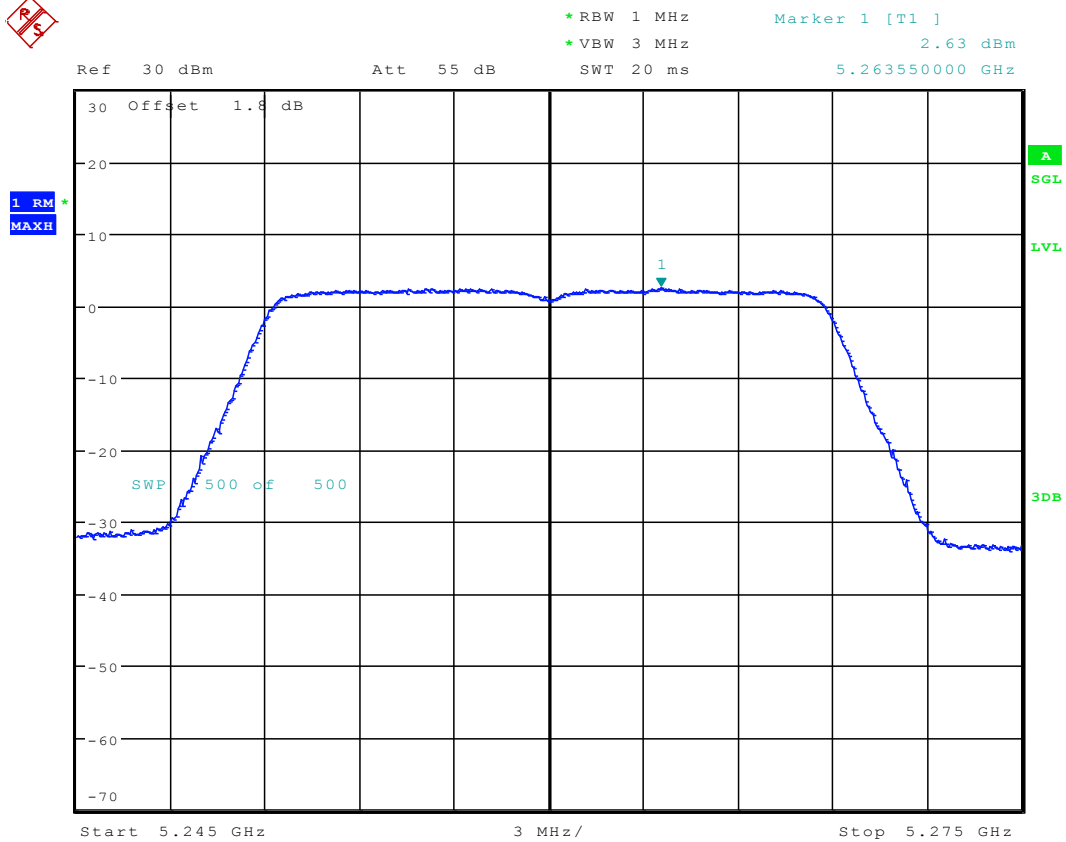
Date: 13.DEC.2016 18:16:05

10.10 11N20_48 Ant 1



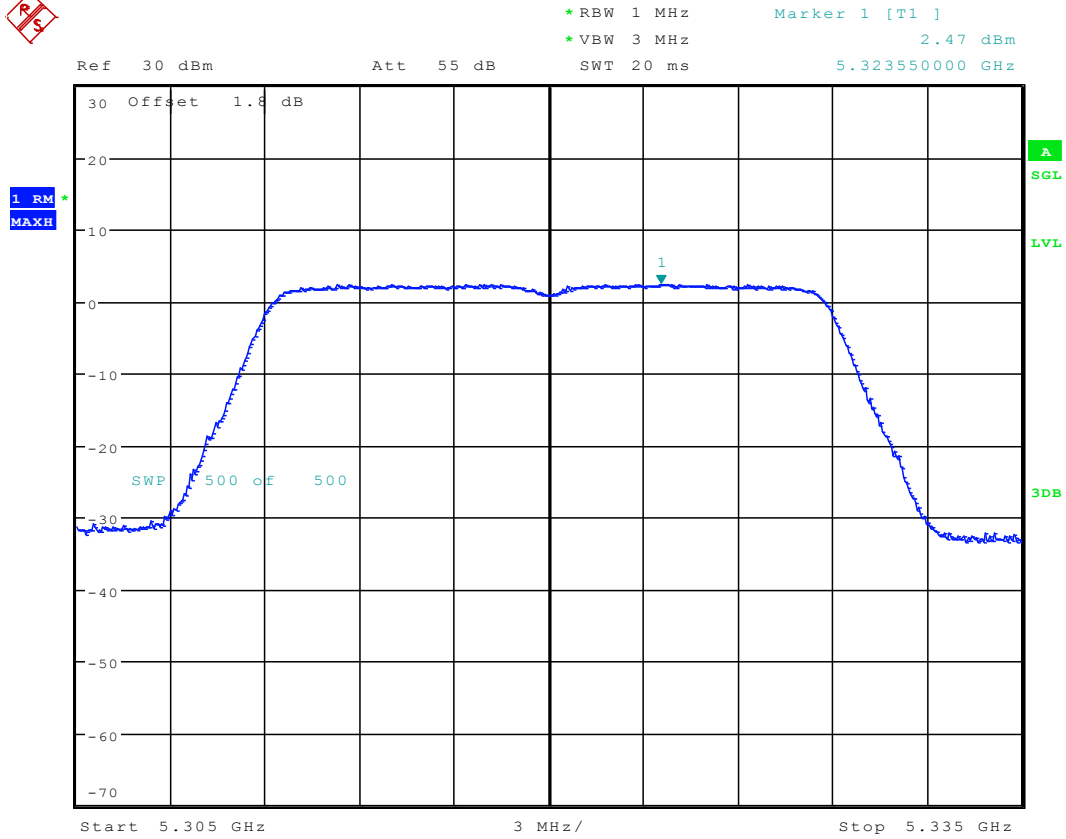
Date: 13.DEC.2016 18:17:36

10.11 11N20_52 Ant 1



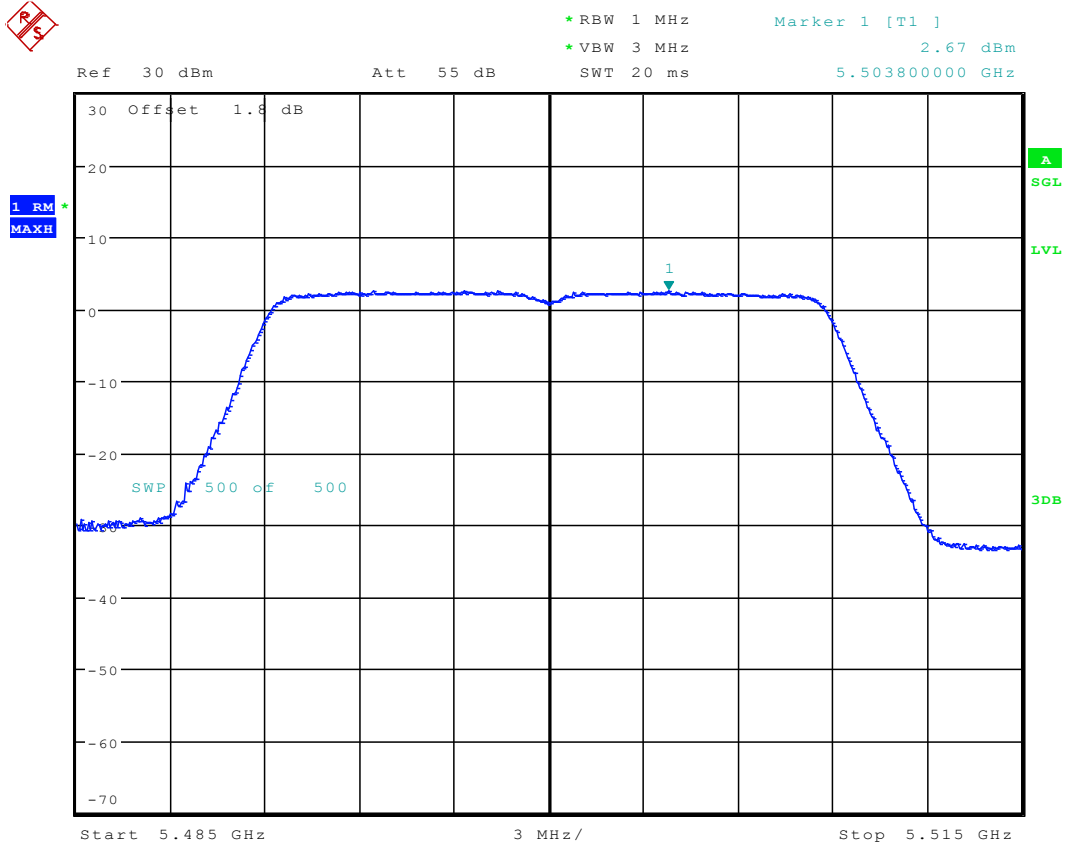
Date: 13.DEC.2016 18:19:11

10.12 11N20_64 Ant 1



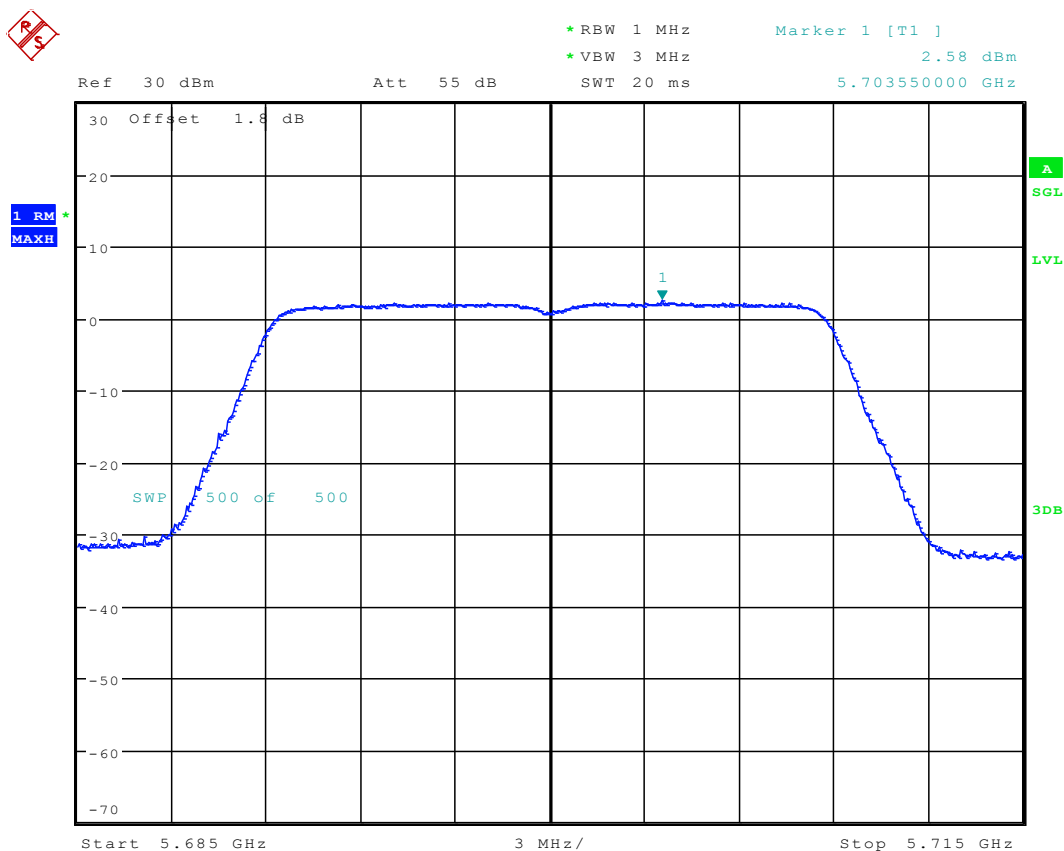
Date: 13.DEC.2016 18:20:26

10.13 11N20_100 Ant 1



Date: 13.DEC.2016 18:21:56

10.14 11N20_140 Ant 1



Date: 13.DEC.2016 18:23:27

10.15 11N20_149 Ant 1



* RBW 1 MHz
 * VBW 2 MHz
 SWT 20 ms

Marker 1 [T1]

2.34 dBm

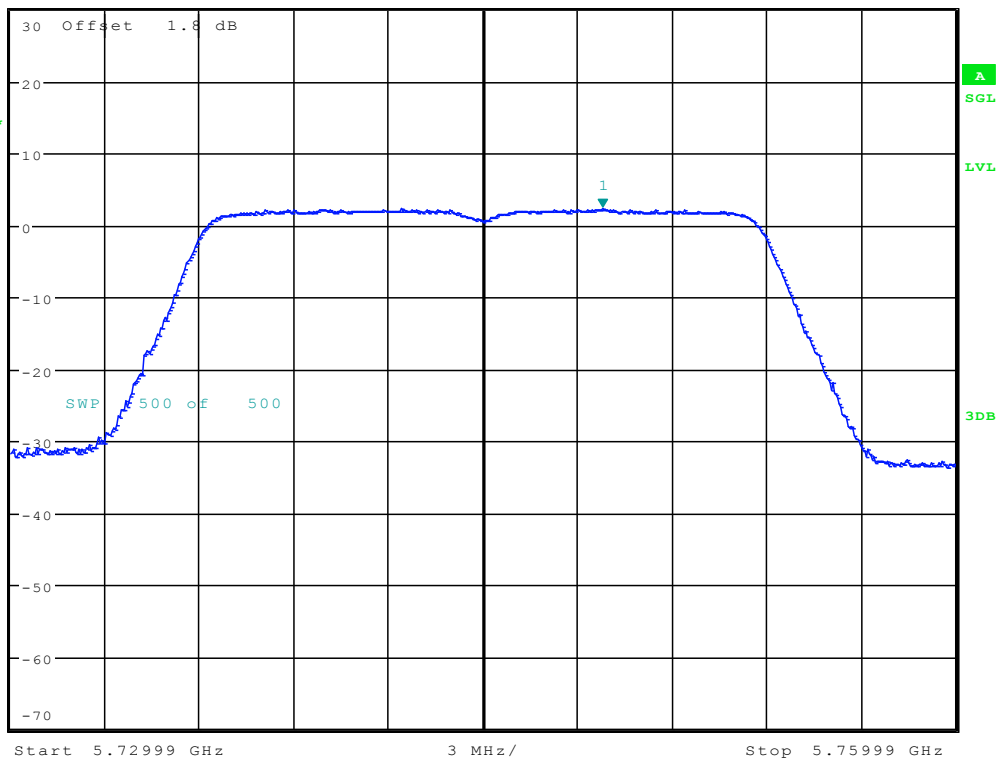
5.748790000 GHz

Ref 30 dBm

Att 55 dB

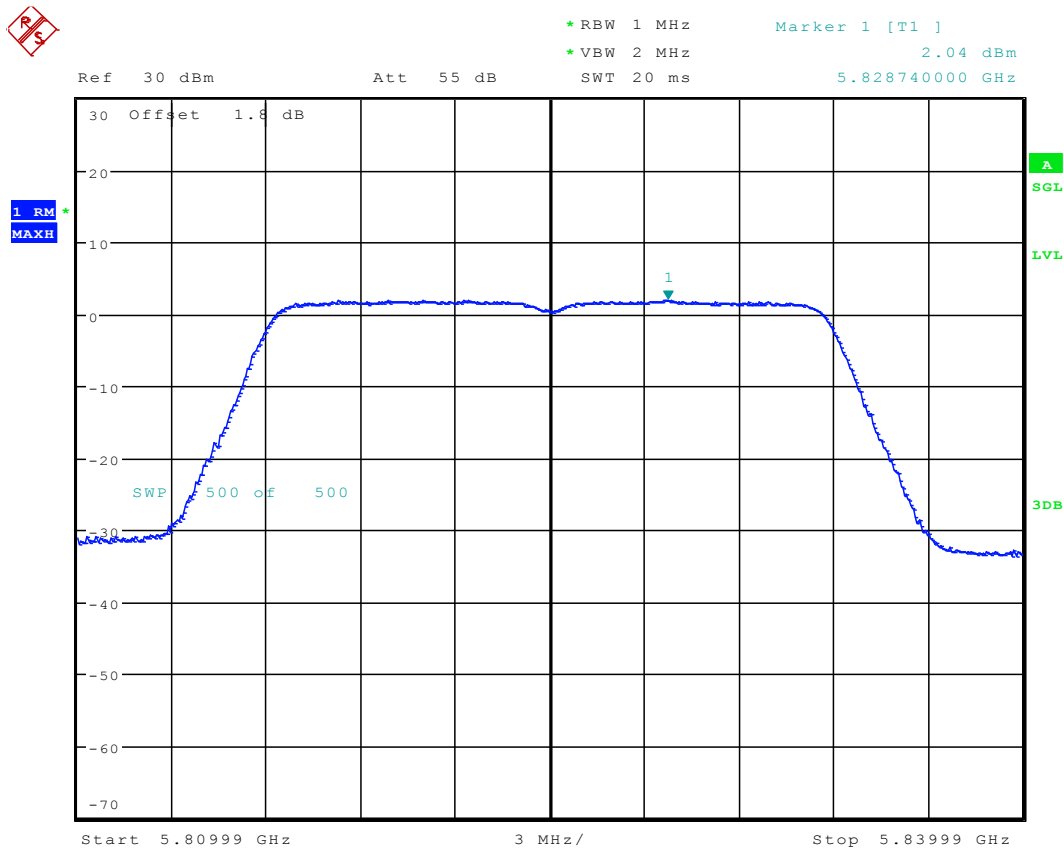
SWT 20 ms

1 RM
 MAXH



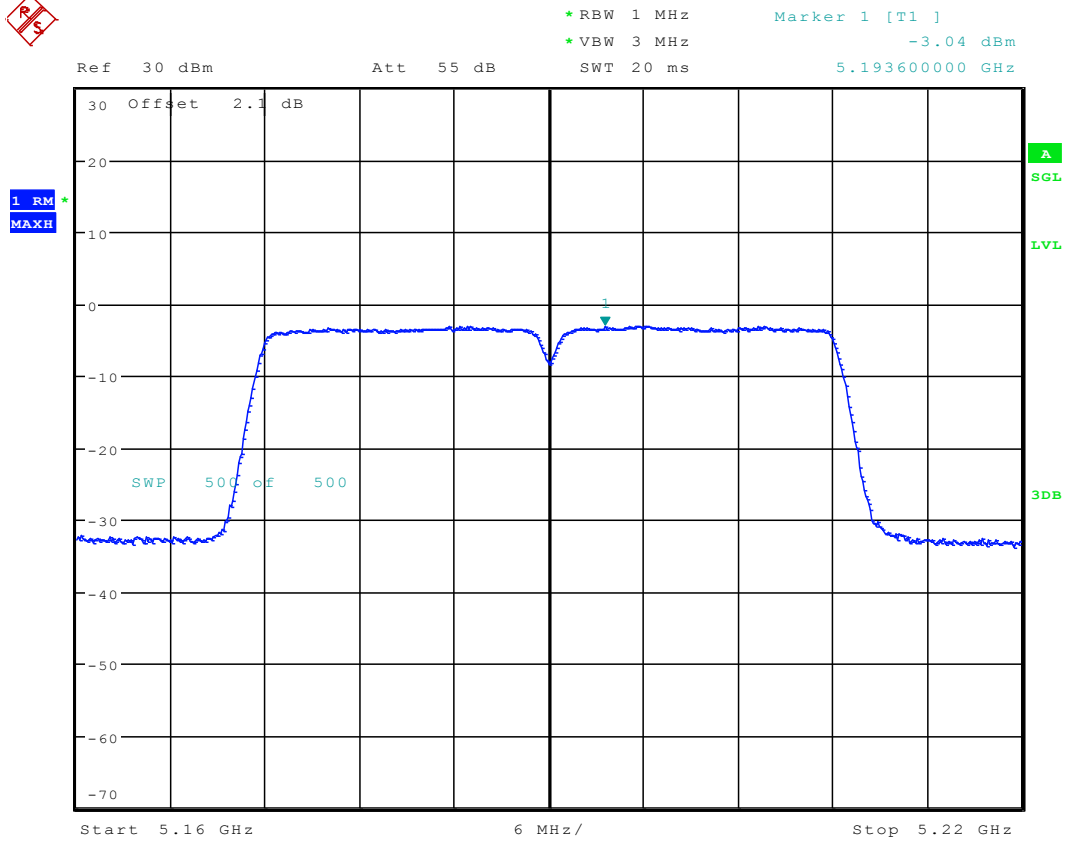
Date: 13.DEC.2016 18:29:26

10.16 11N20_165 Ant 1



Date: 13.DEC.2016 18:33:05

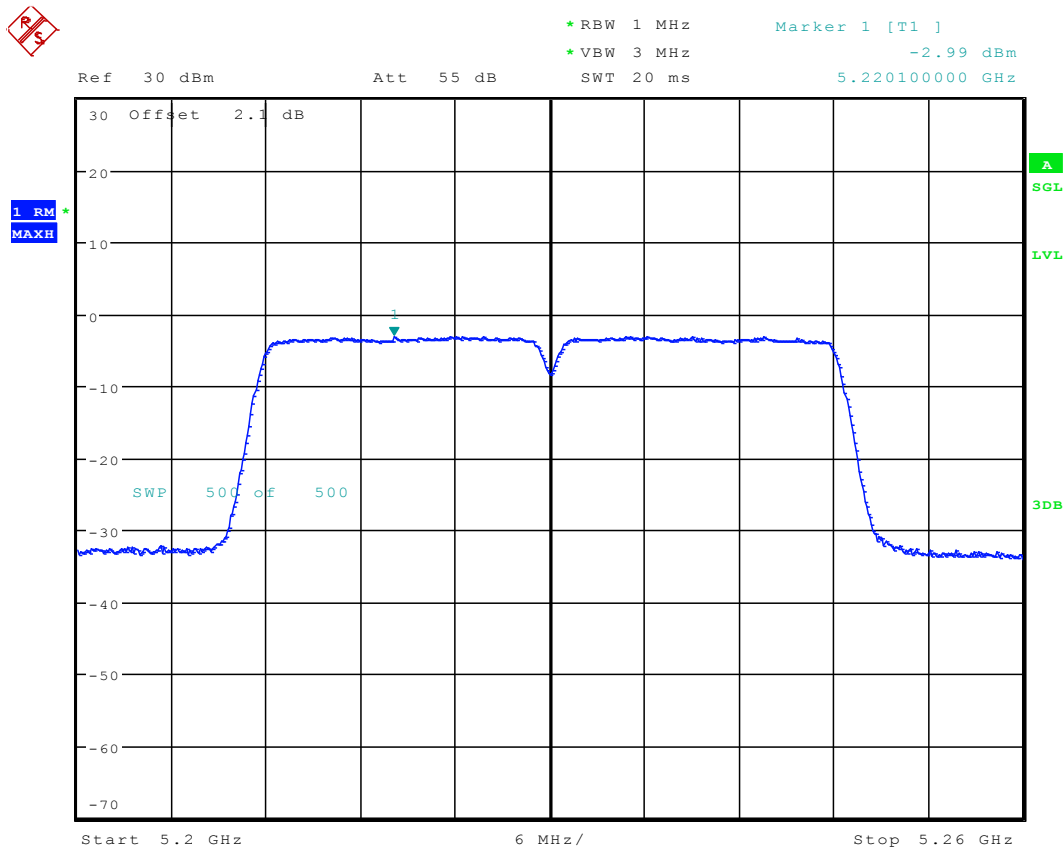
10.17 11N40_38 Ant 1



Date: 14.DEC.2016 12:23:12

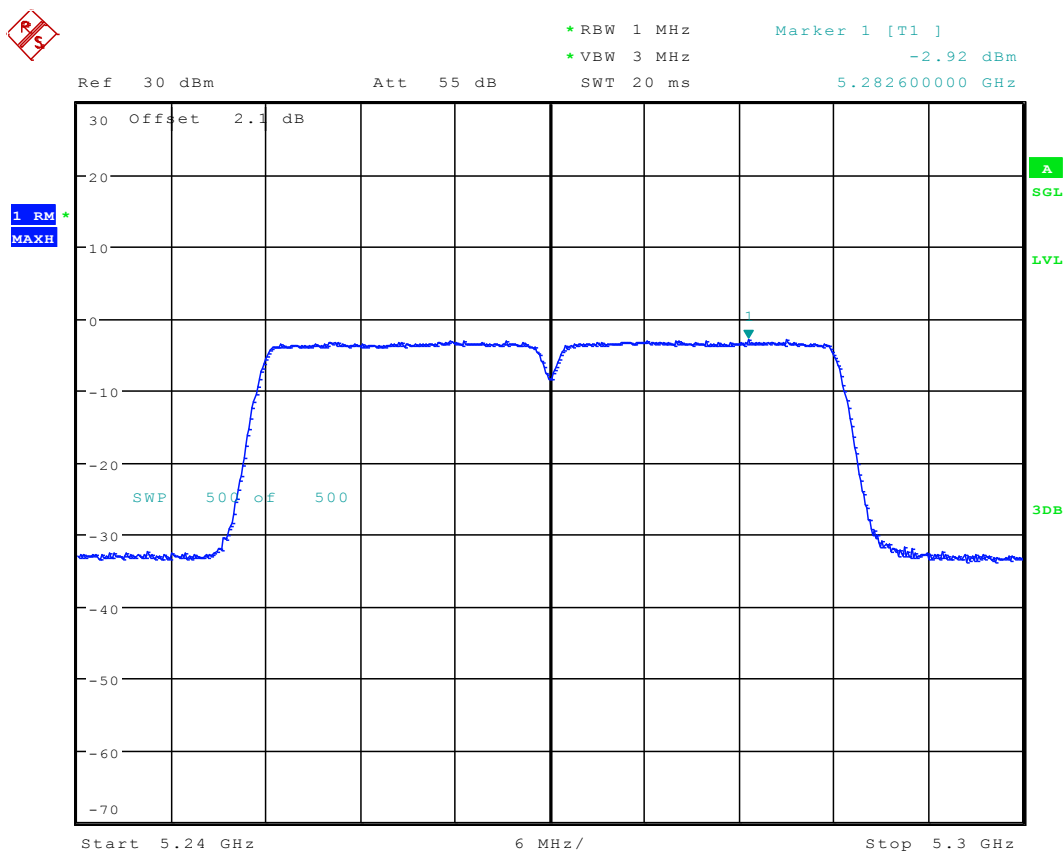


10.18 11N40_46 Ant 1



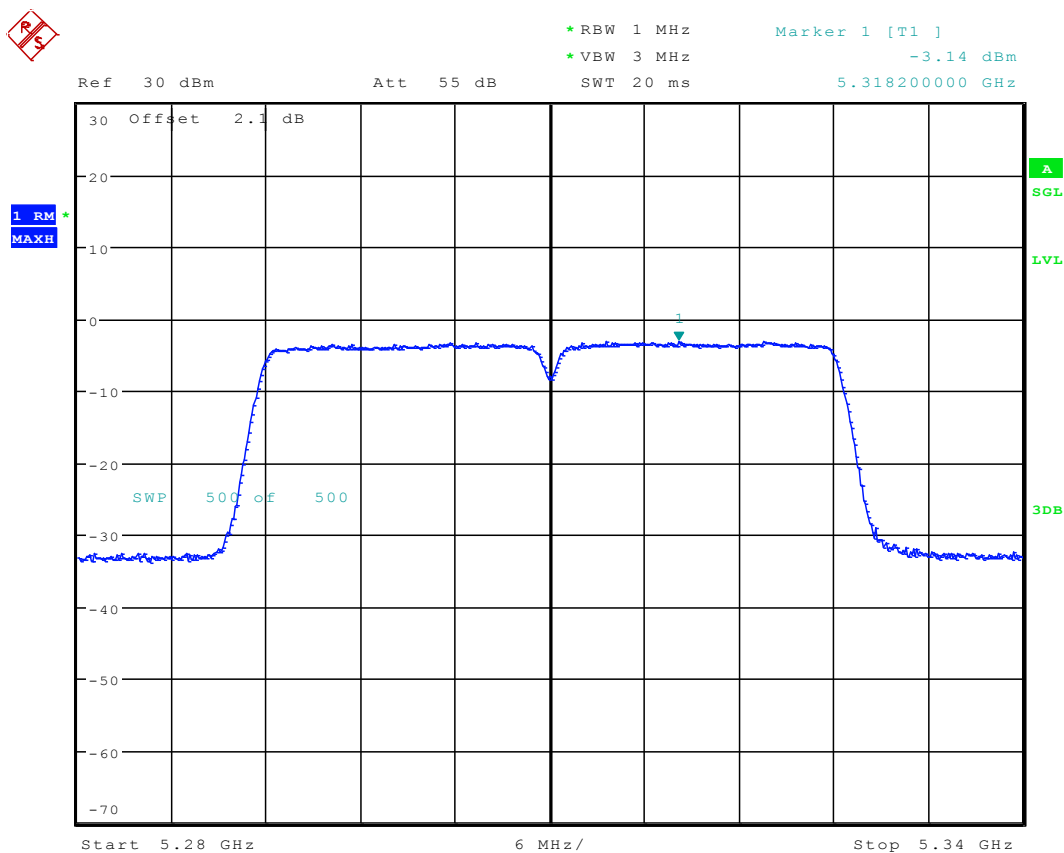
Date: 14.DEC.2016 12:26:35

10.19 11N40_54 Ant 1



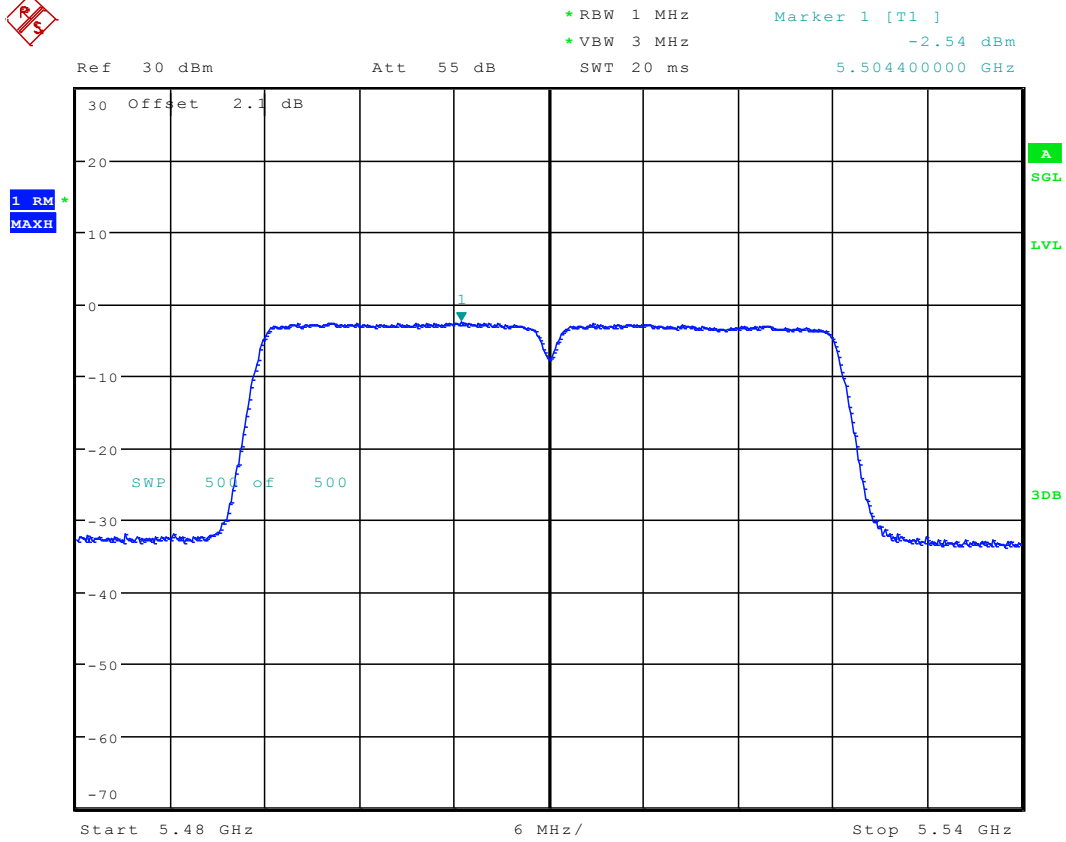
Date: 14.DEC.2016 12:27:57

10.20 11N40_62 Ant 1



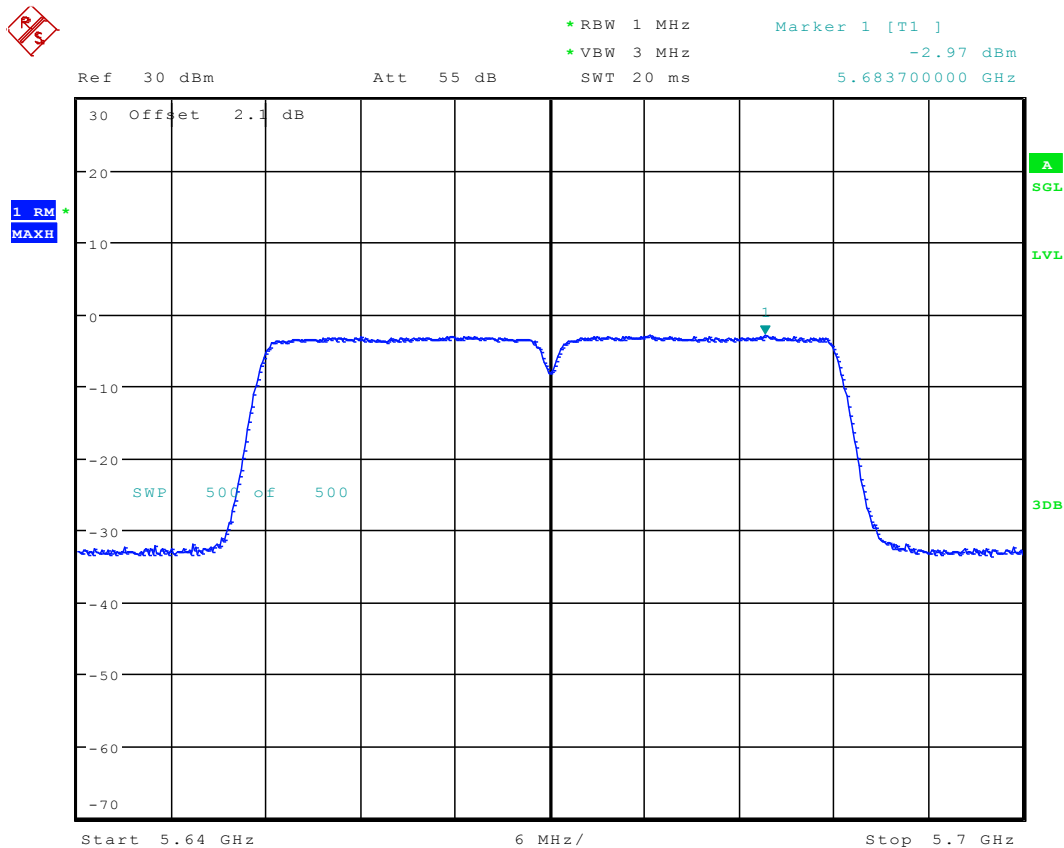
Date: 14.DEC.2016 12:29:15

10.21 11N40_102 Ant 1



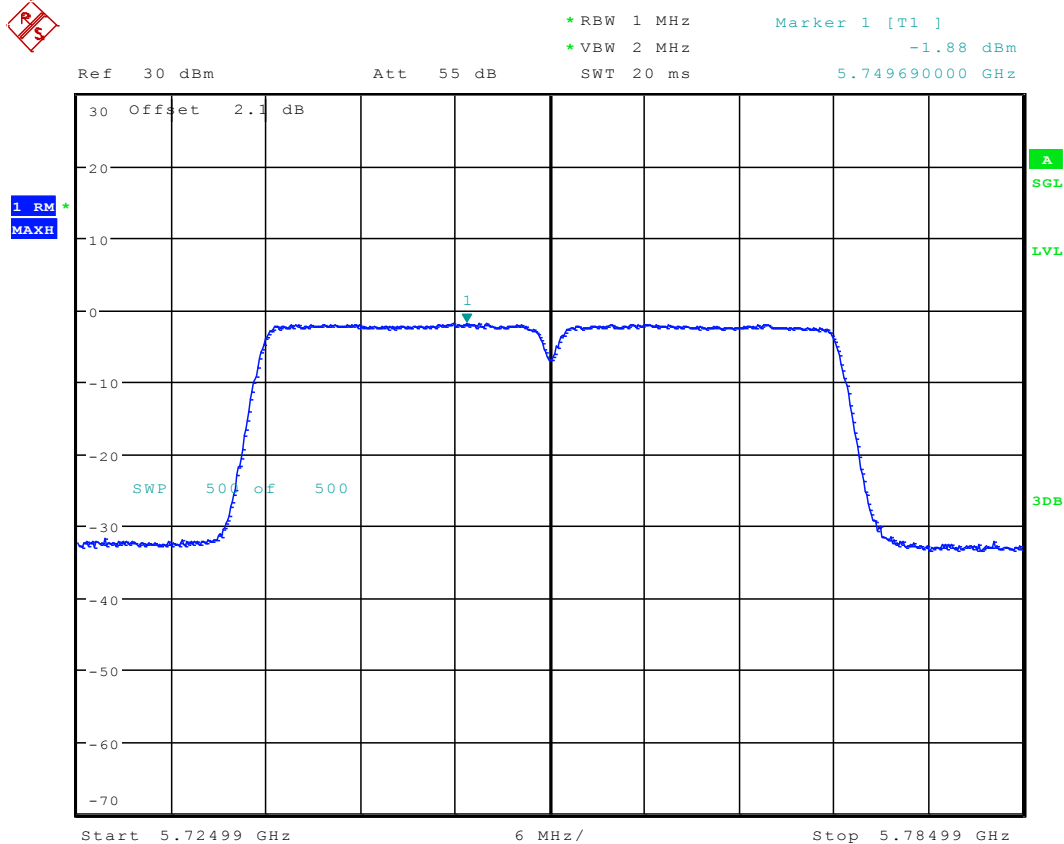
Date: 14.DEC.2016 12:31:16

10.22 11N40_134 Ant 1



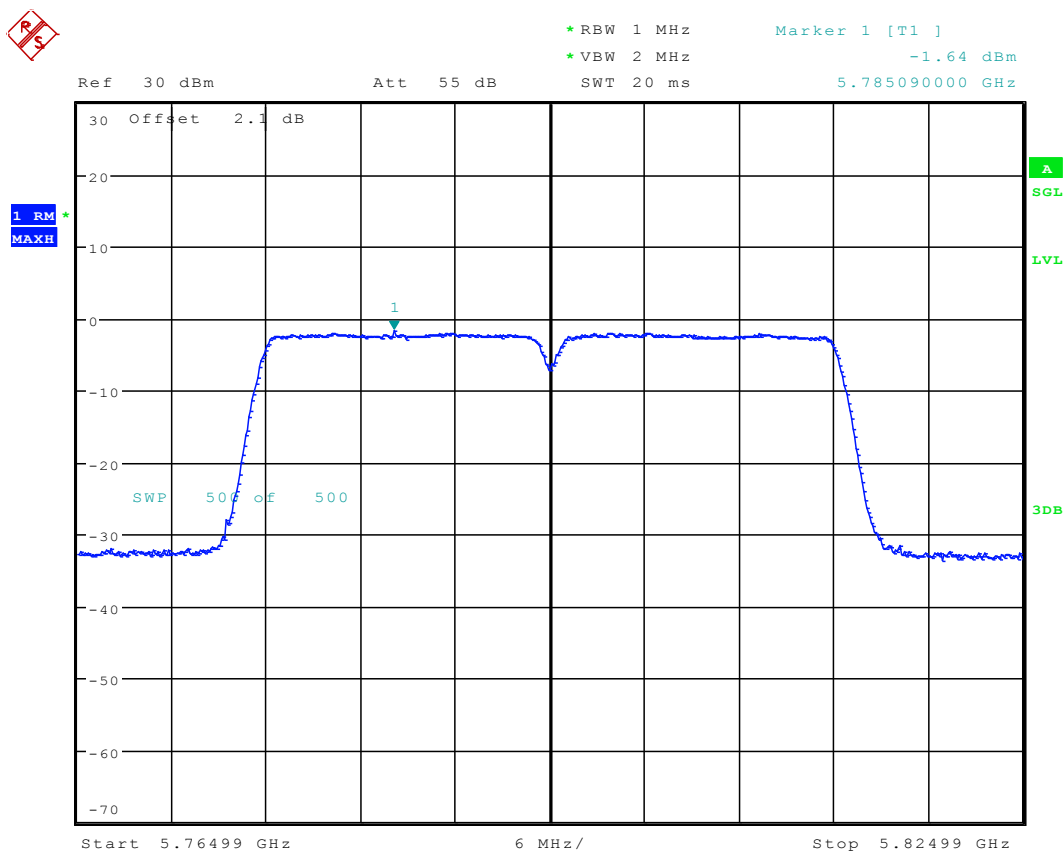
Date: 14.DEC.2016 12:32:42

10.23 11N40_151 Ant 1



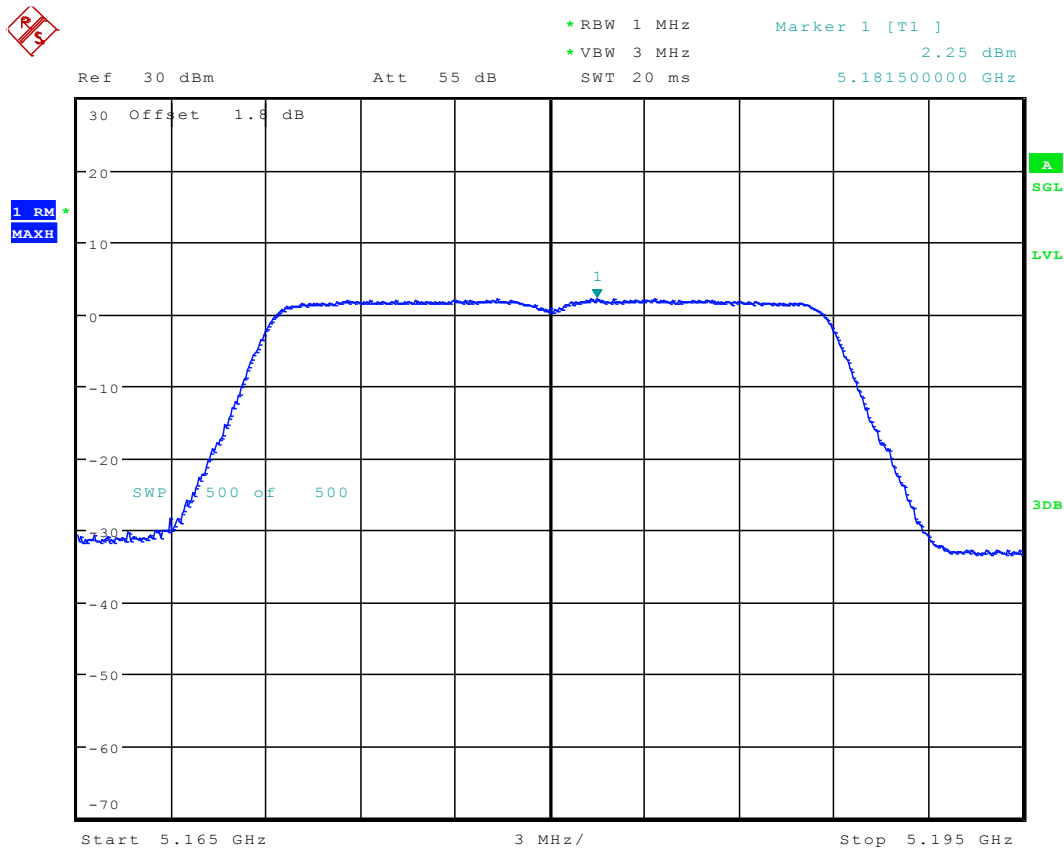
Date: 14.DEC.2016 12:50:07

10.24 11N40_159 Ant 1



Date: 14.DEC.2016 12:44:31

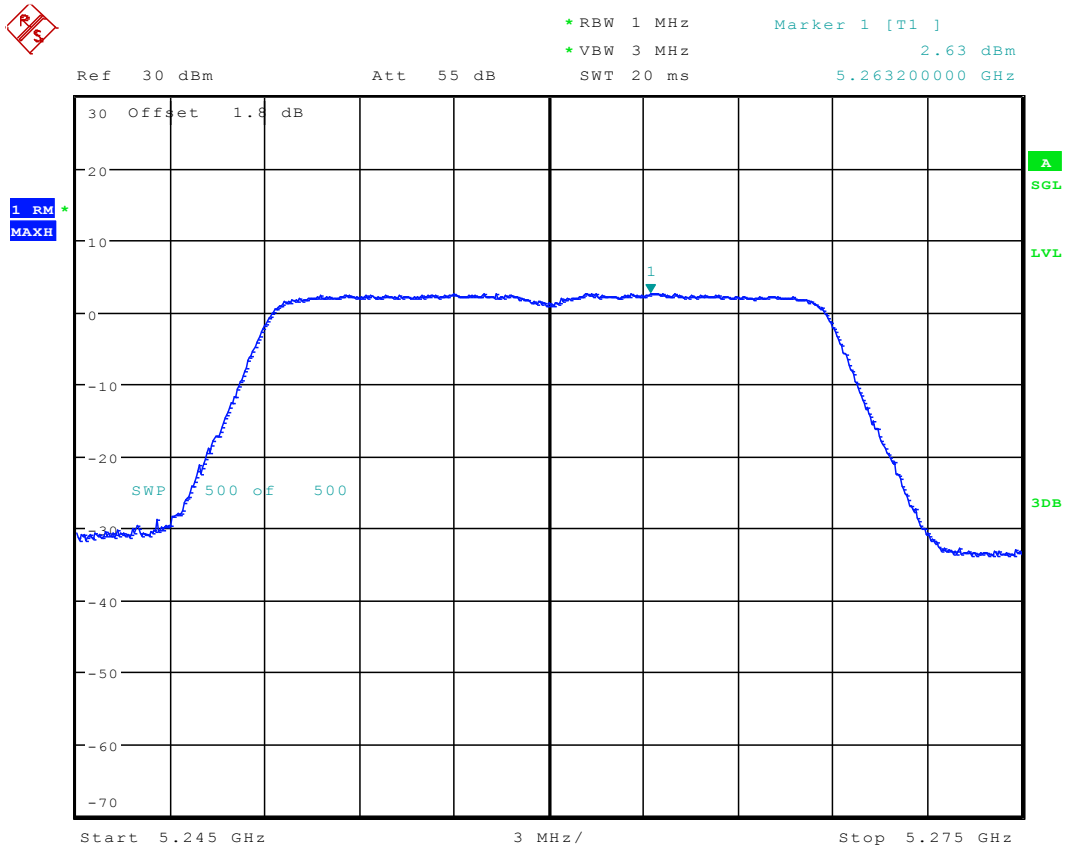
10.25 11AC20_36 Ant 1



Date: 14.DEC.2016 12:57:11

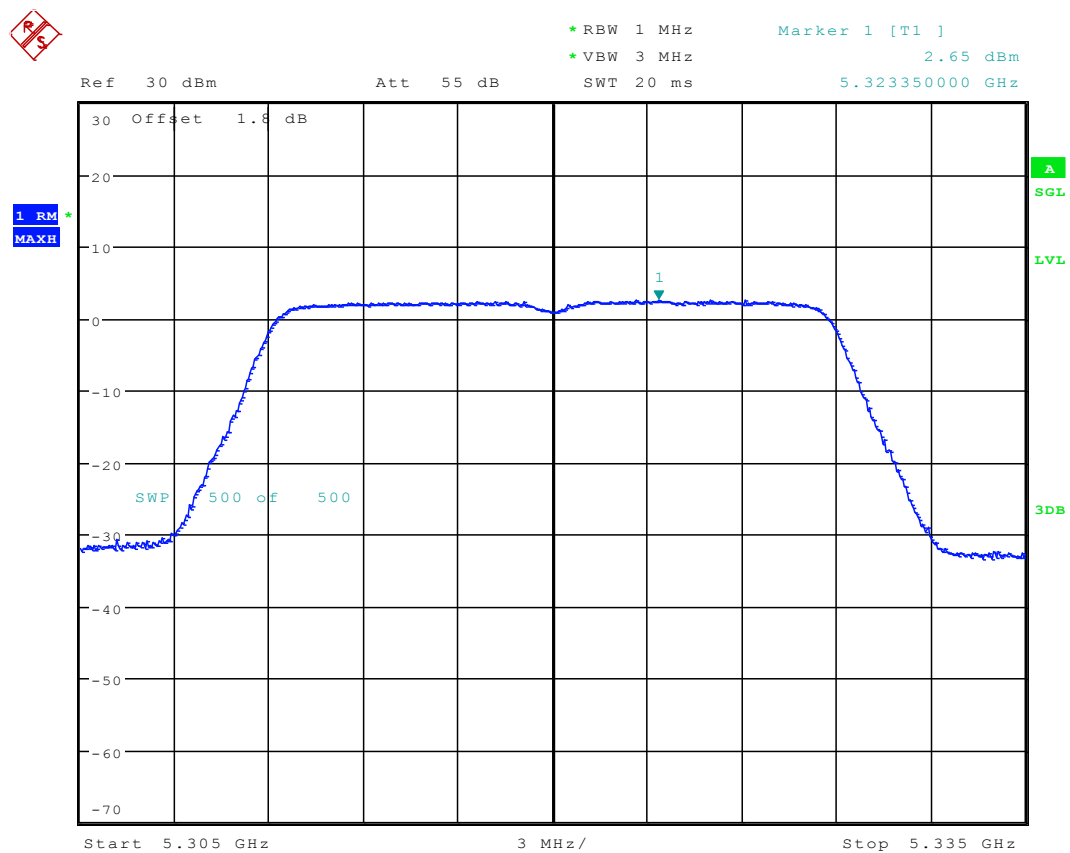


10.27 11AC20_52 Ant 1



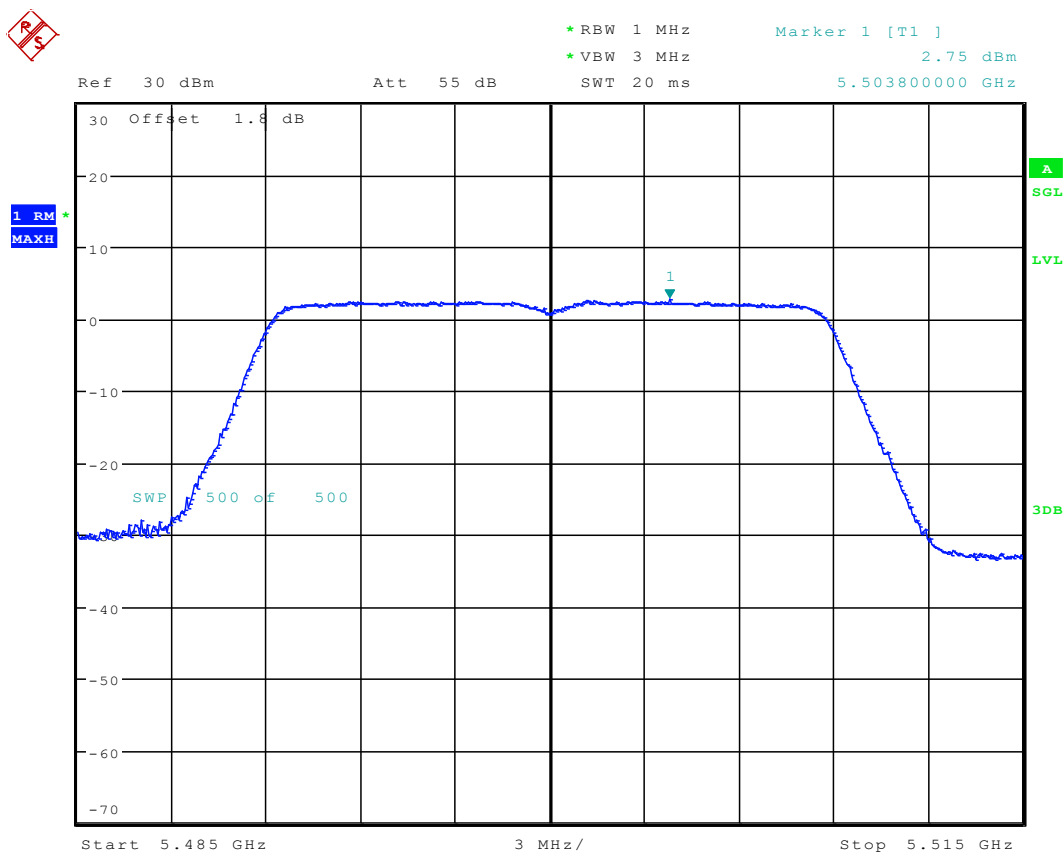
Date: 14.DEC.2016 14:33:54

10.28 11AC20_64 Ant 1



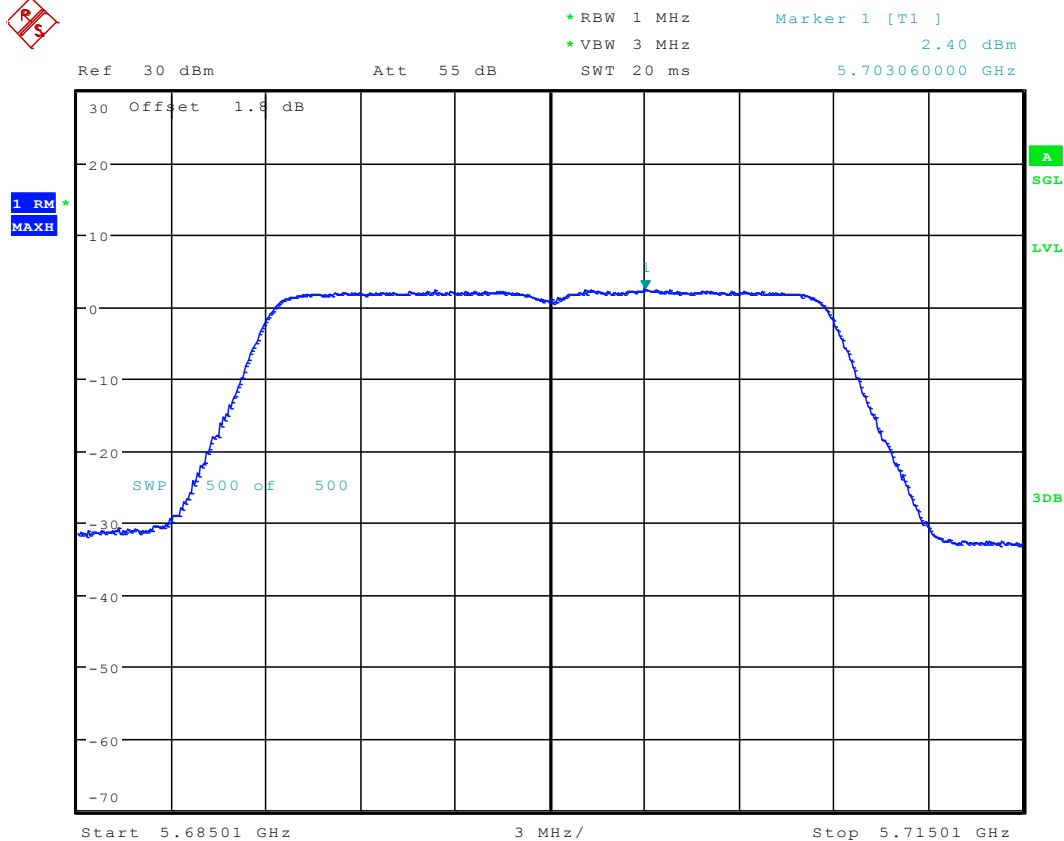
Date: 14.DEC.2016 14:37:23

10.29 11AC20_100 Ant 1



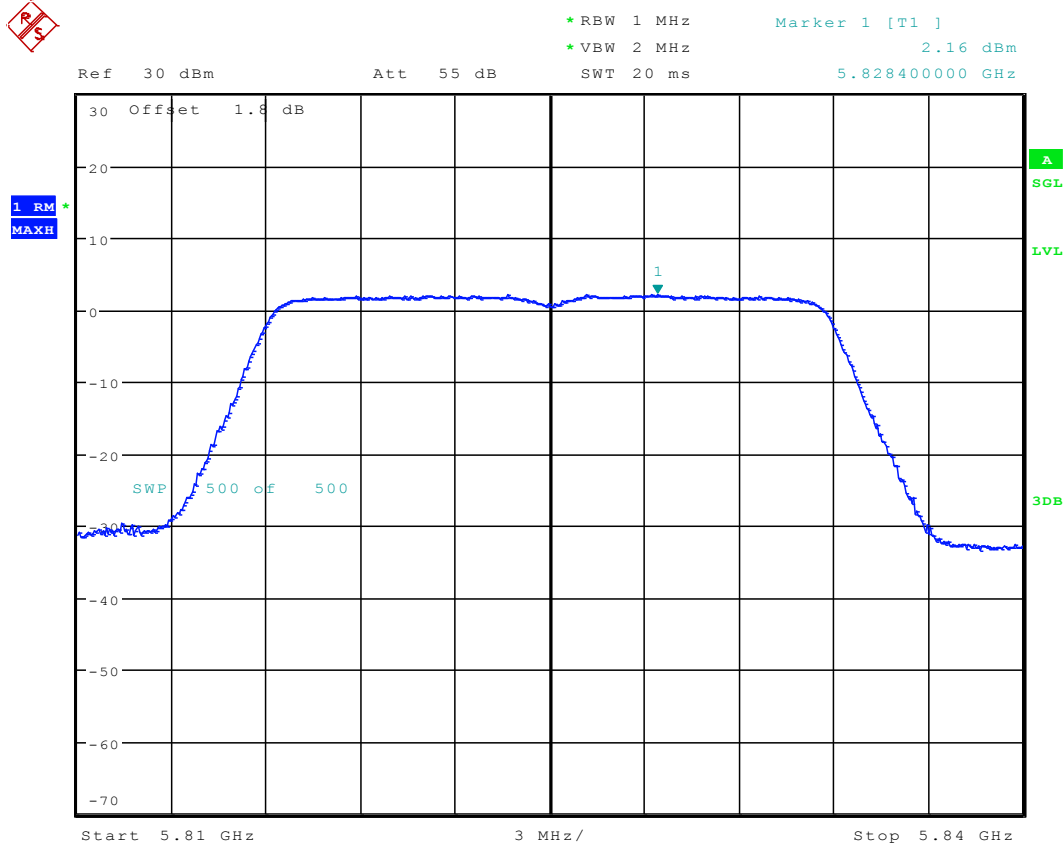
Date: 14.DEC.2016 14:42:25

10.30 11AC20_140 Ant 1



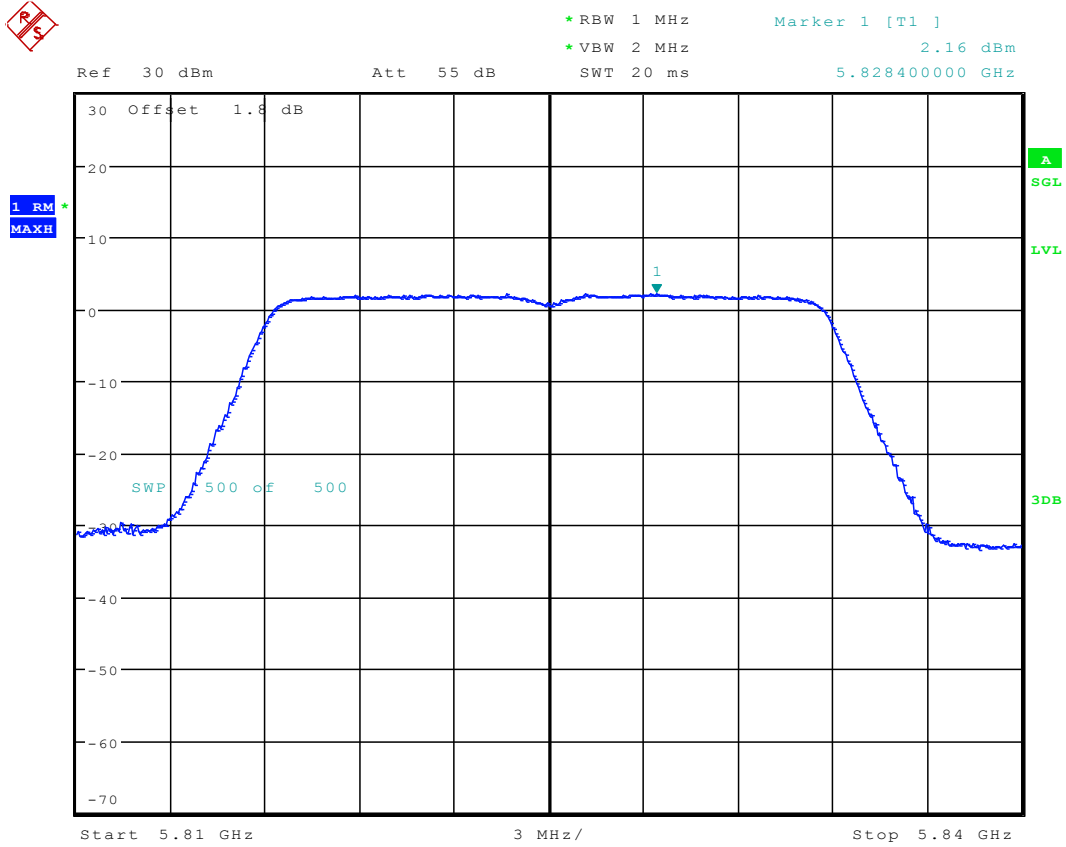
Date: 14.DEC.2016 20:29:59

10.31 11AC20_149 Ant 1



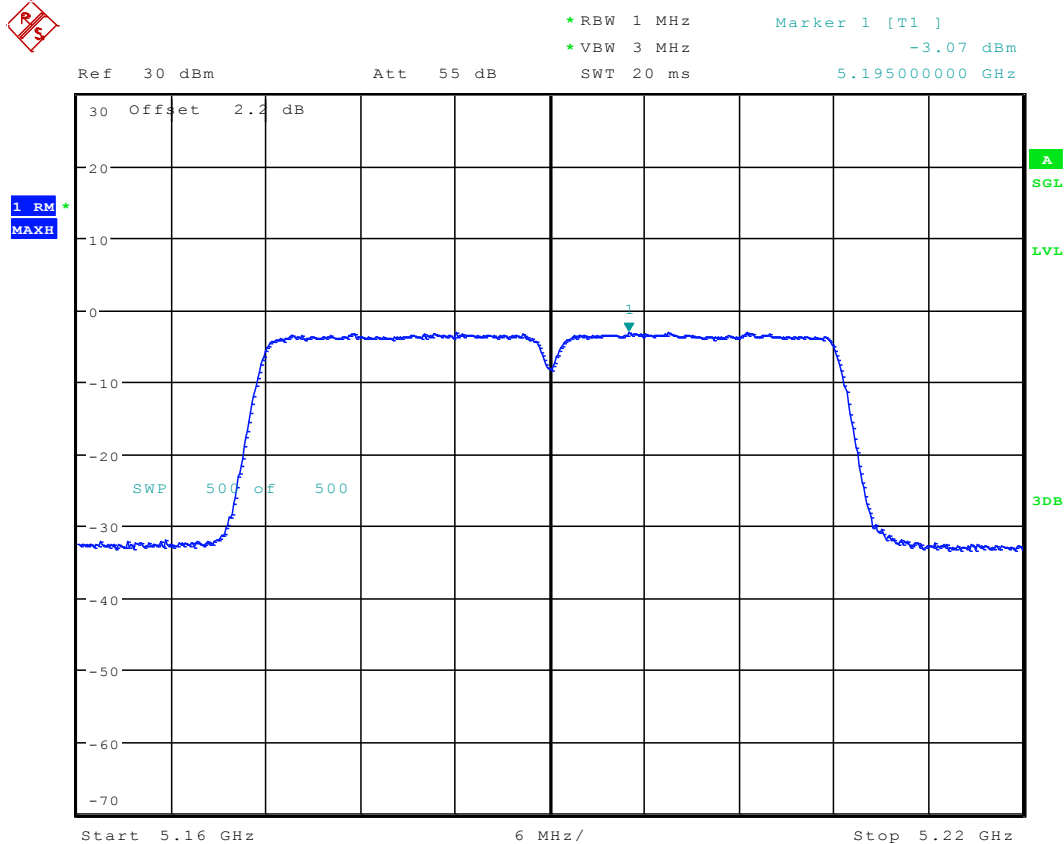
Date: 14.DEC.2016 14:52:28

10.32 11AC20_165 Ant 1



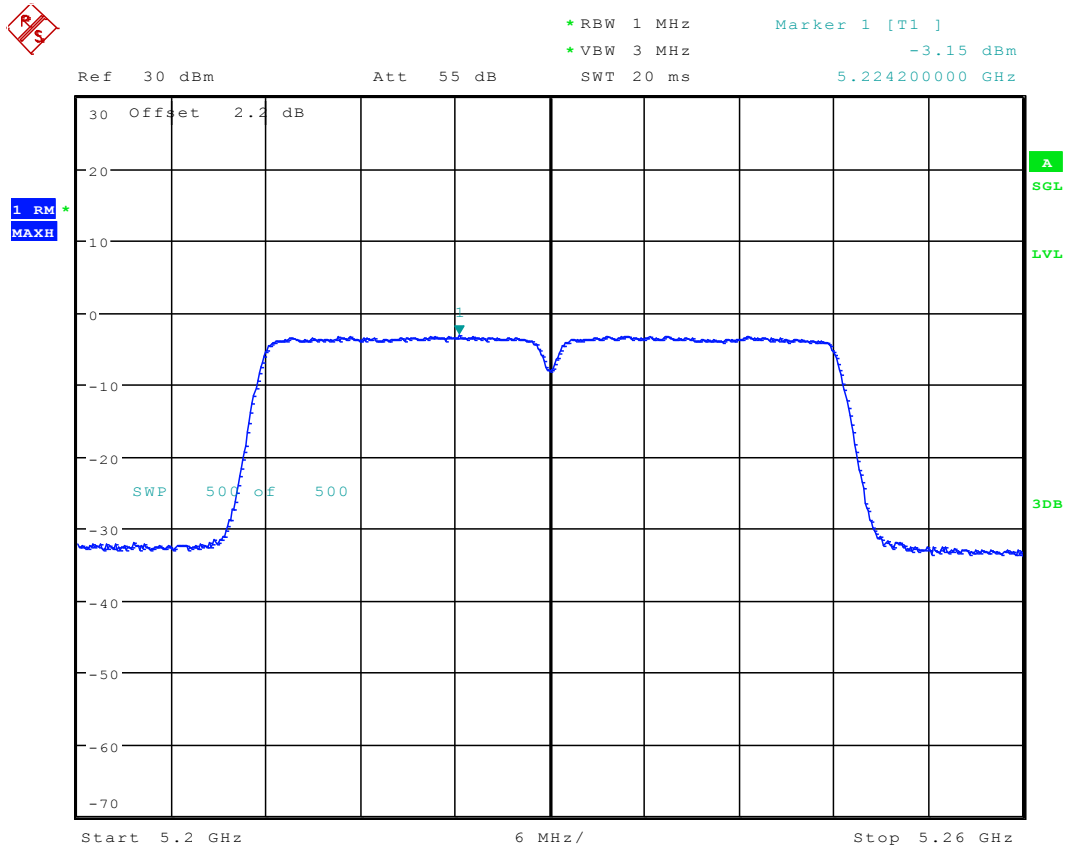
Date: 14.DEC.2016 14:52:28

10.33 11AC40_38 Ant 1



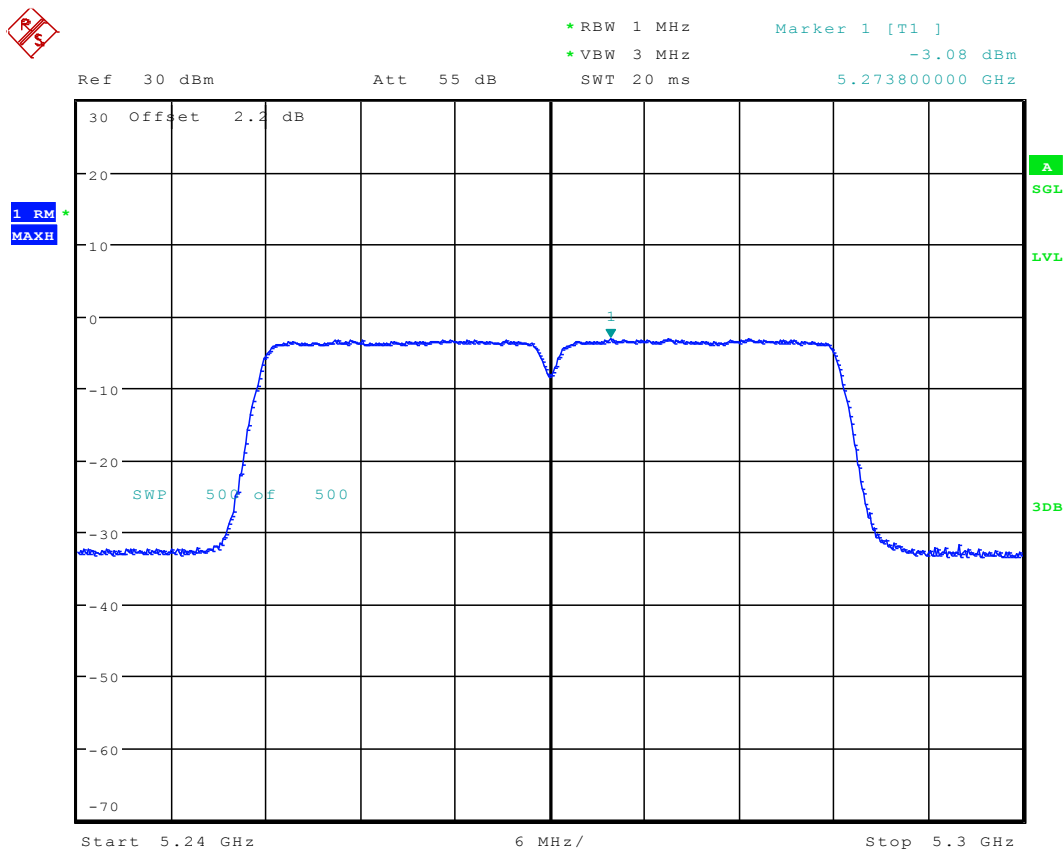
Date: 14.DEC.2016 15:04:31

10.34 11AC40_46 Ant 1



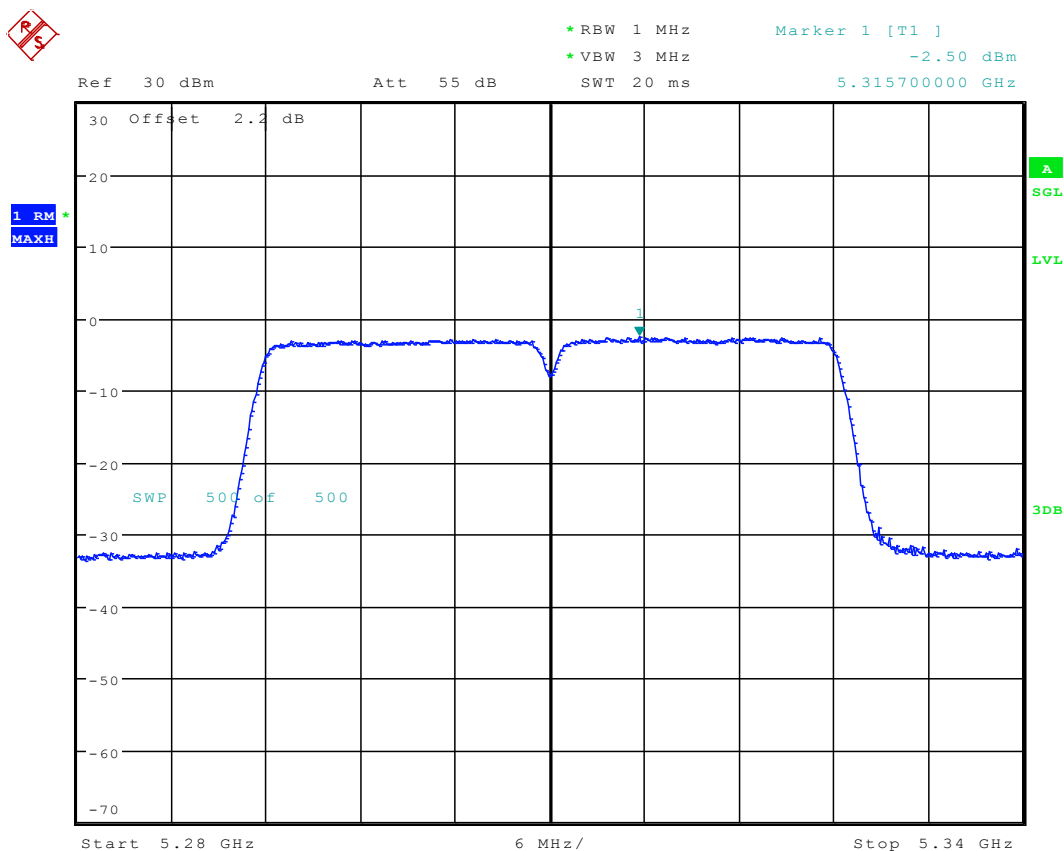
Date: 14.DEC.2016 15:08:26

10.35 11AC40_54 Ant 1



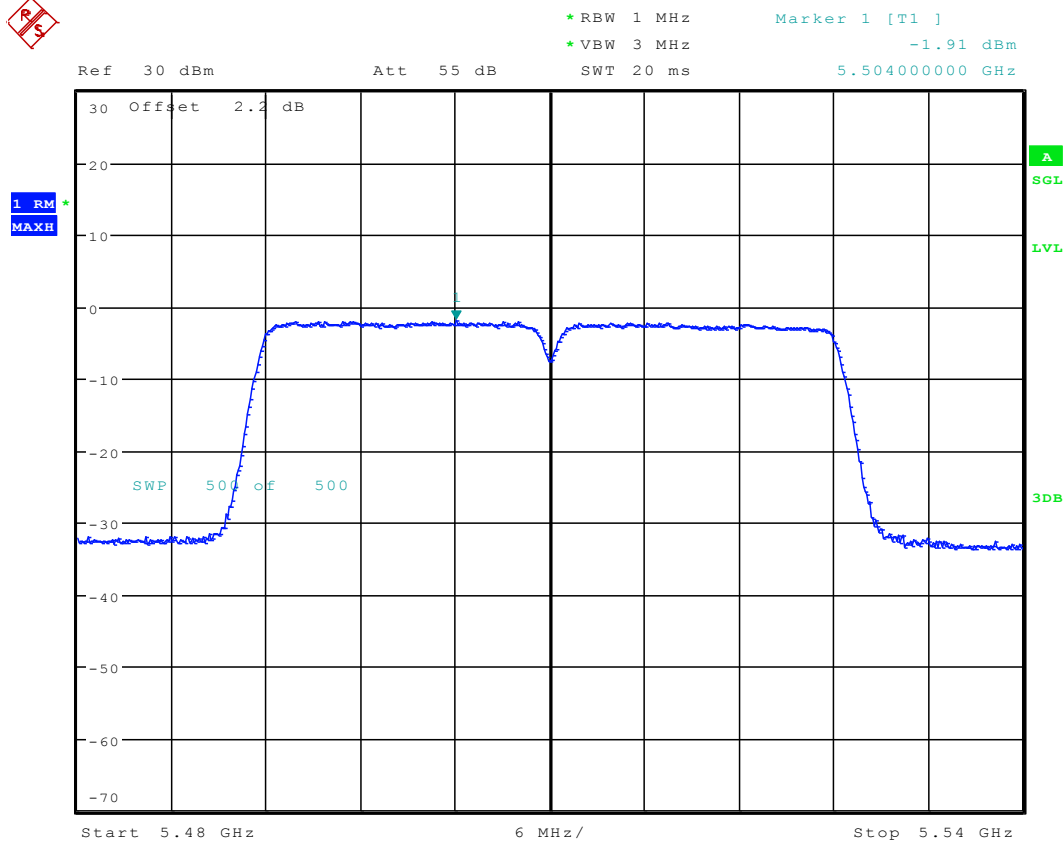
Date: 14.DEC.2016 15:12:46

10.36 11AC40_62 Ant 1



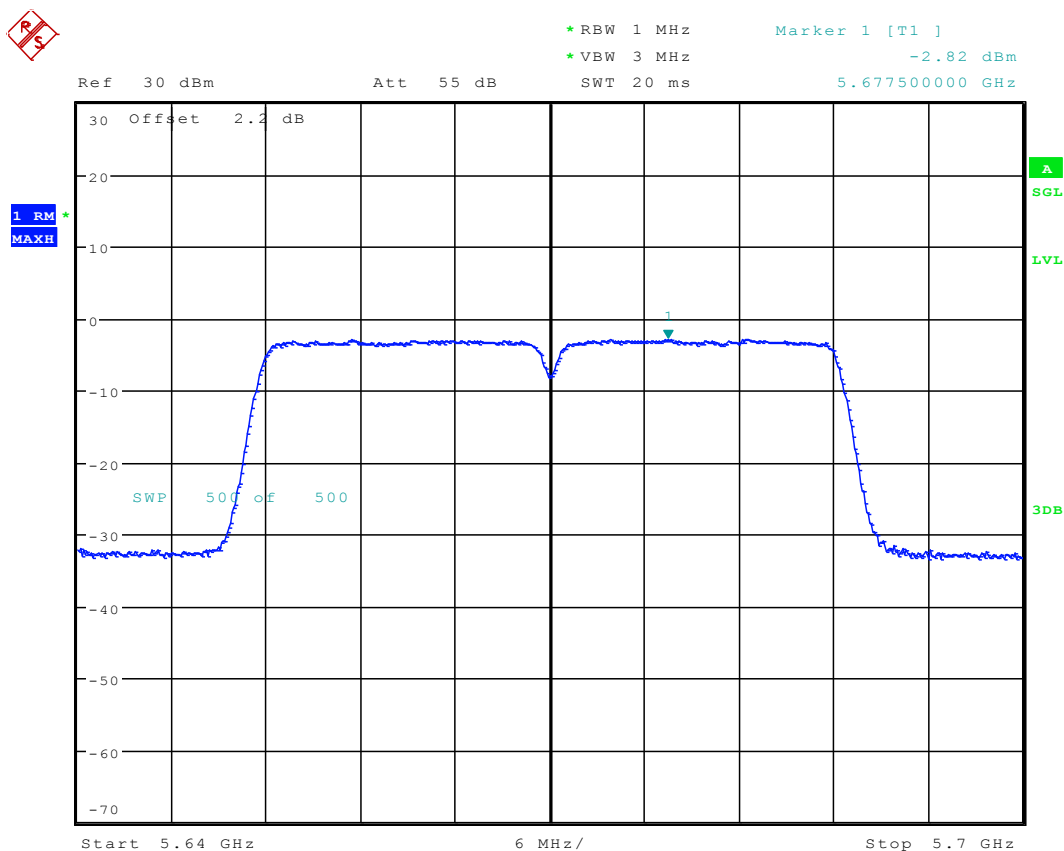
Date: 14.DEC.2016 15:16:01

10.37 11AC40_102 Ant 1



Date: 14.DEC.2016 15:19:48

10.38 11AC40_134 Ant 1

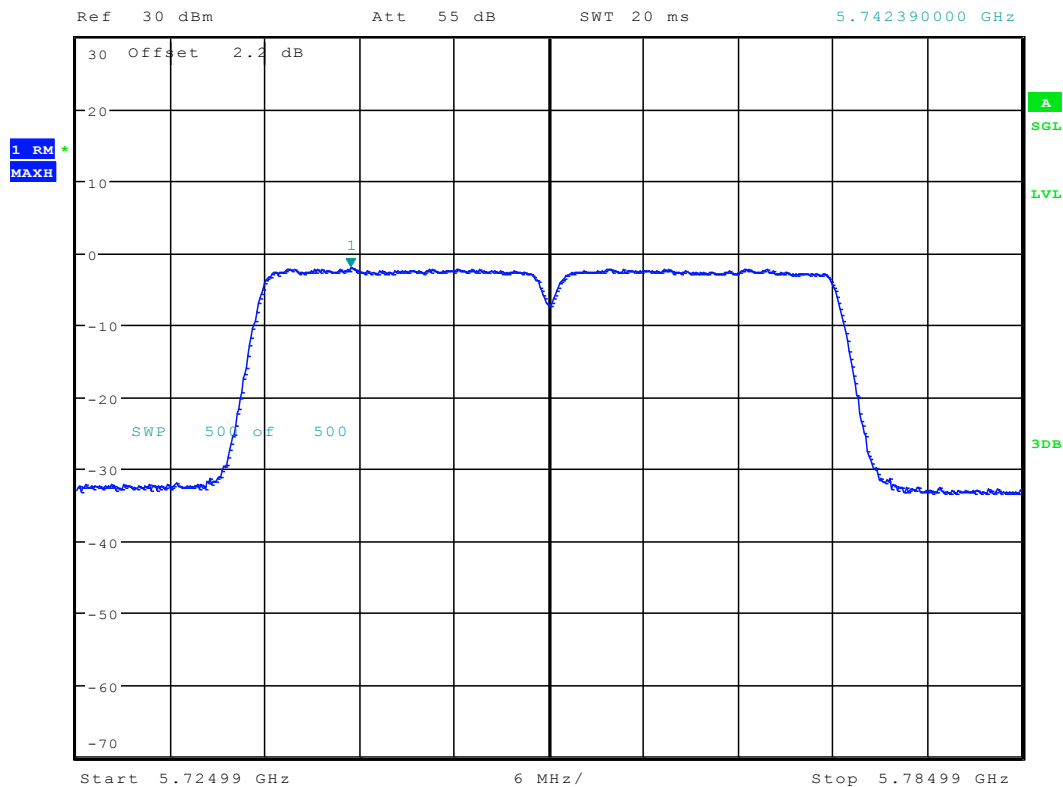


Date: 14.DEC.2016 15:23:45

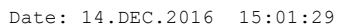
10.39 11AC40_151 Ant 1



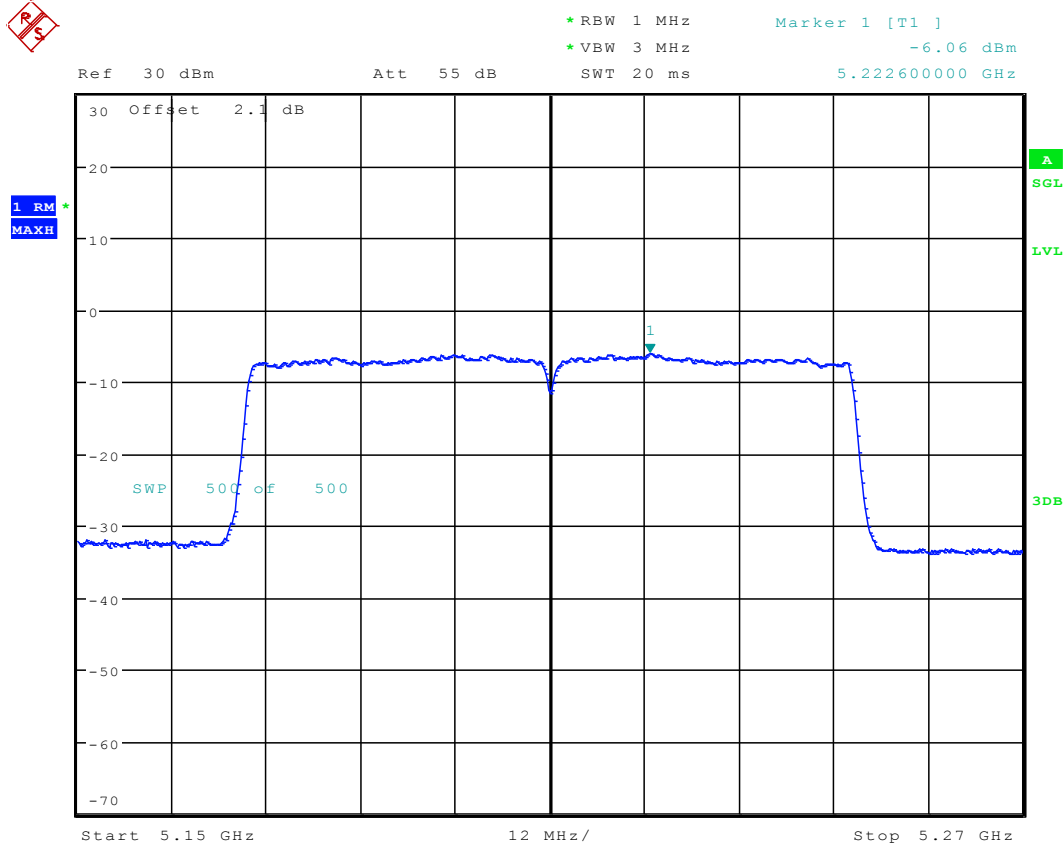
*RBW 1 MHz Marker 1 [T1]
 *VBW 2 MHz -2.06 dBm
 SWT 20 ms 5.742390000 GHz



Date: 14.DEC.2016 14:57:12

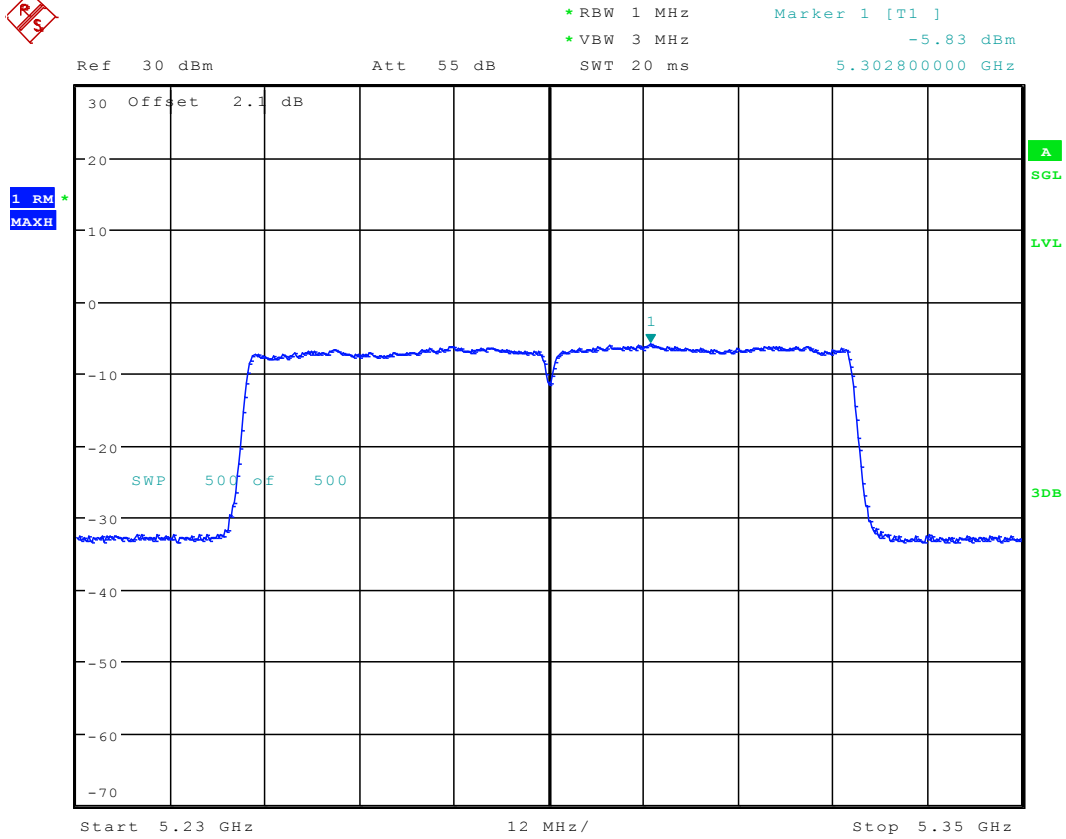


10.41 11AC80_42 Ant 1



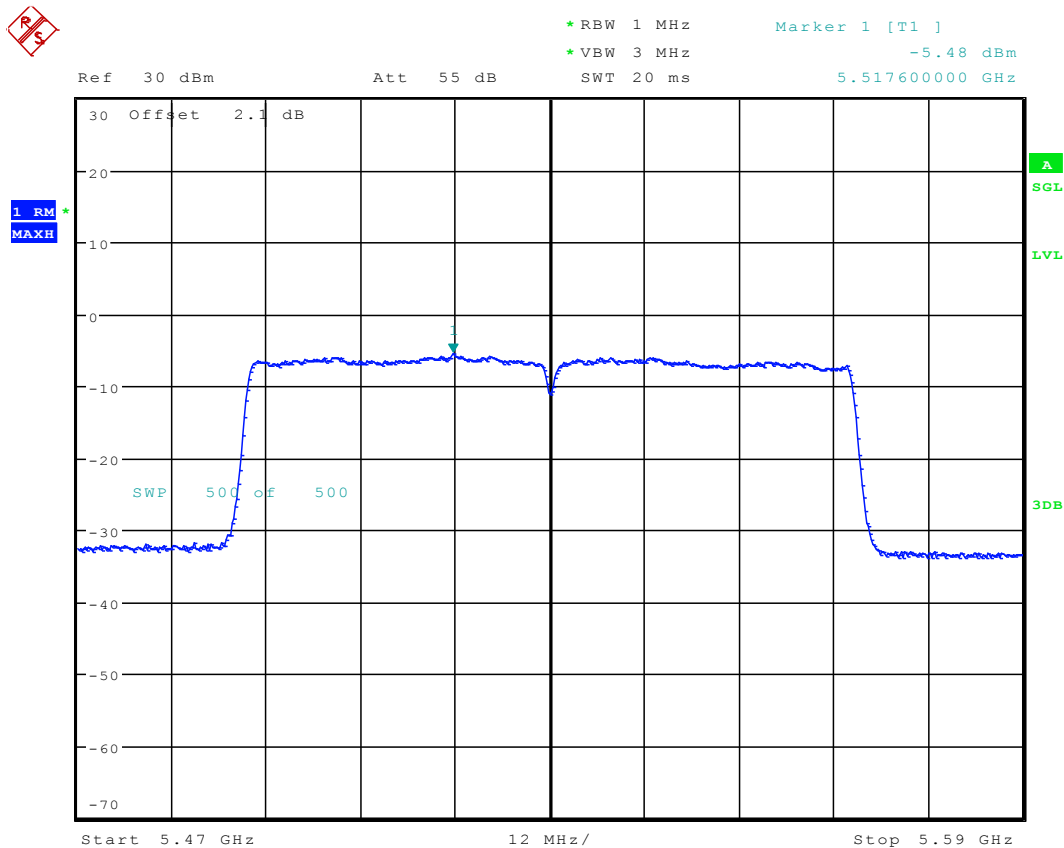
Date: 14.DEC.2016 15:32:19

10.42 11AC80_58 Ant 1



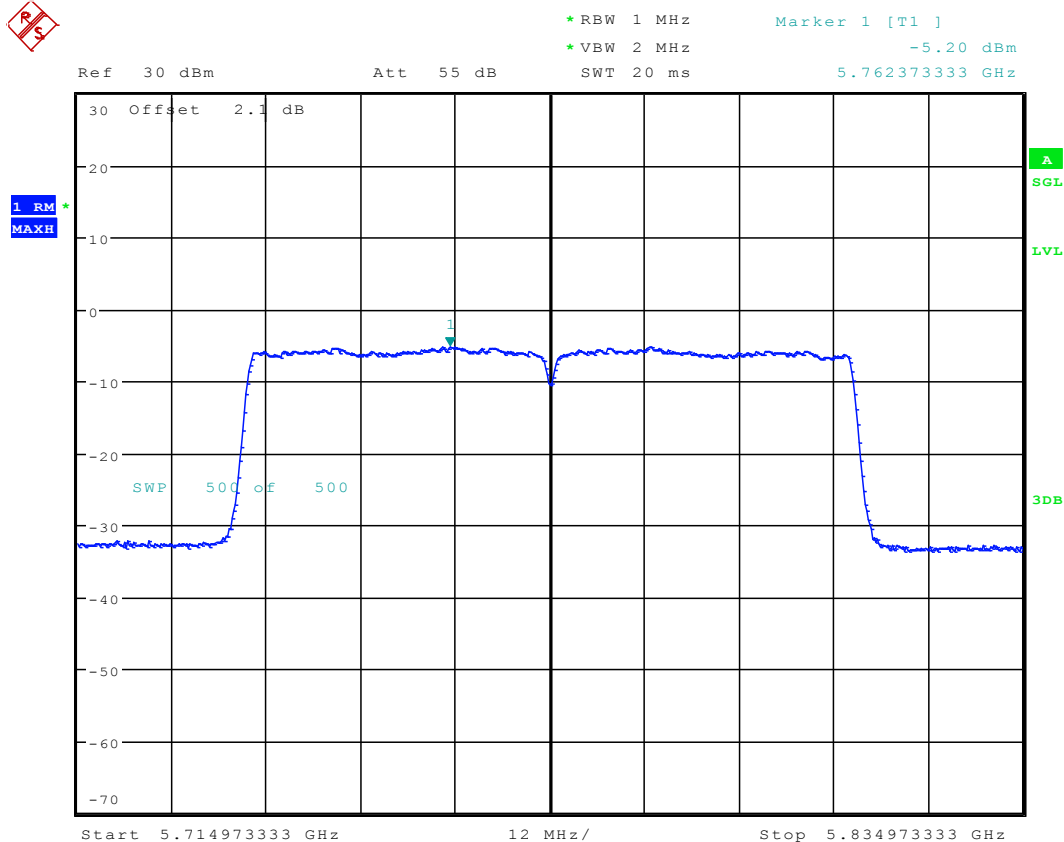
Date: 14.DEC.2016 15:35:43

10.43 11AC80_106 Ant 1



Date: 14.DEC.2016 15:39:36

10.44 11AC80_155 Ant 1



Date: 14.DEC.2016 15:44:26

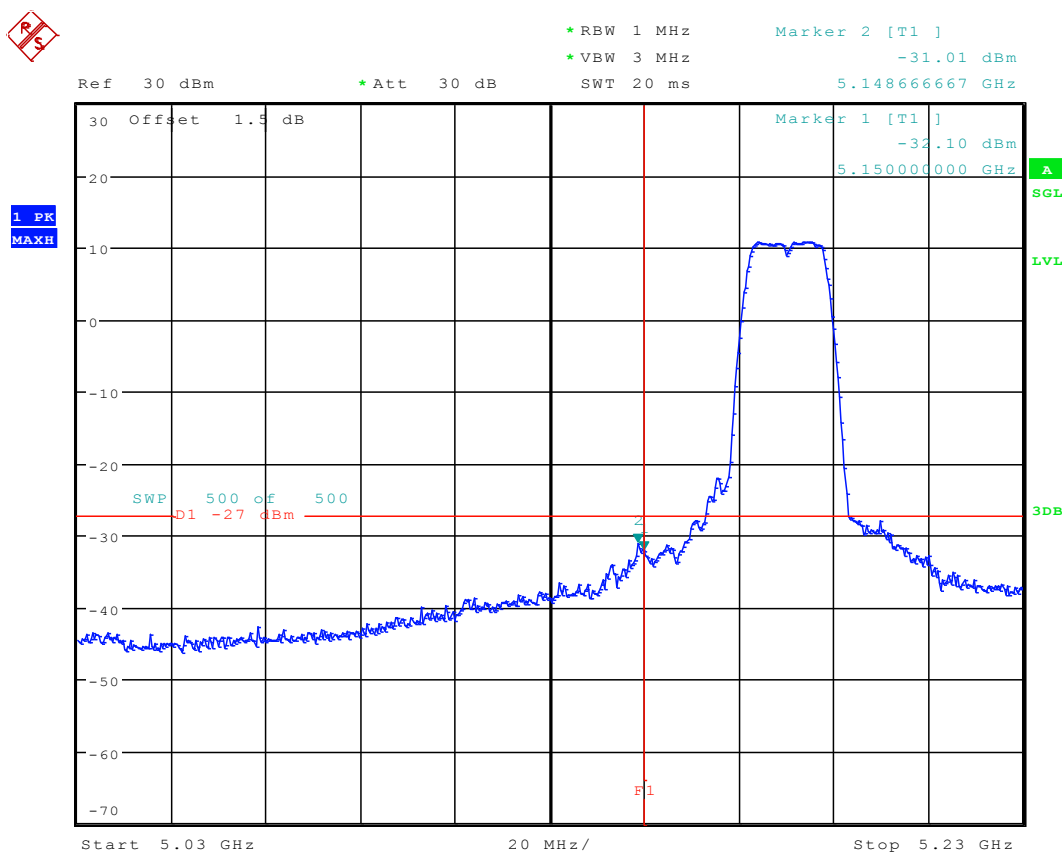
Appendix F: Unwanted Emissions into Non-Restricted Frequency Bands

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

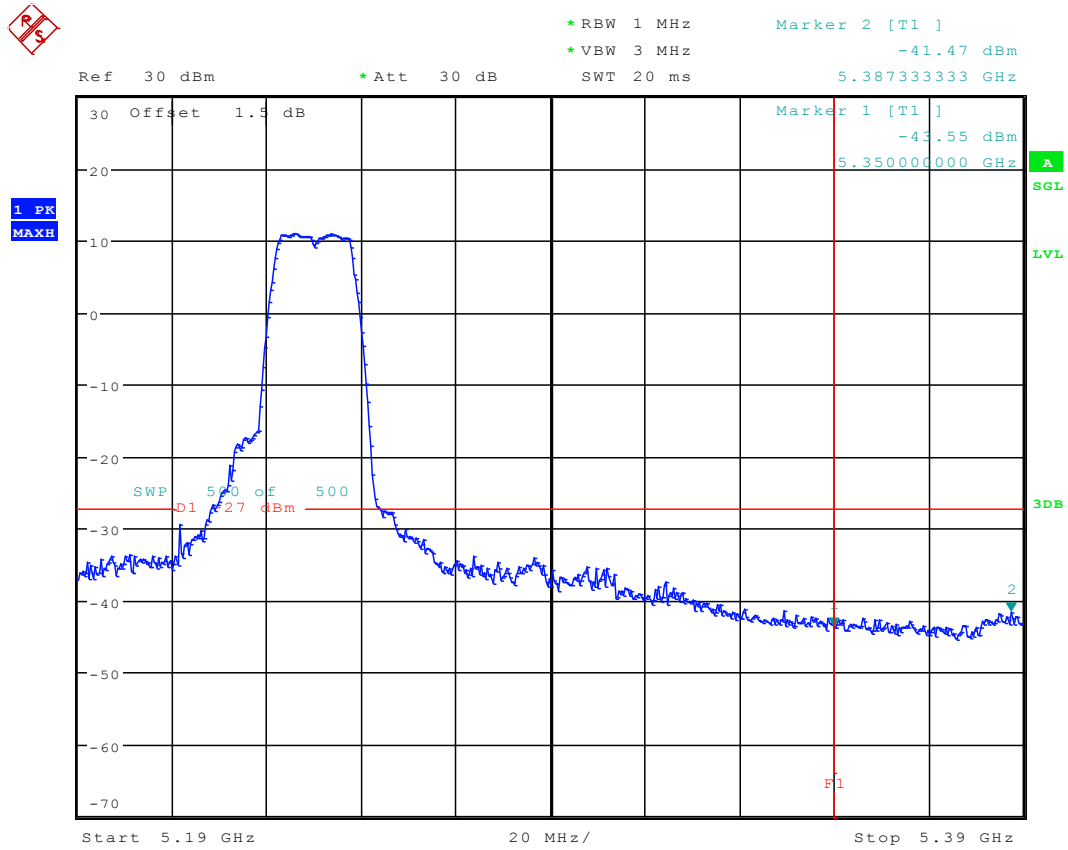
12 Test Plot

12.1 11A_36 Ant 1



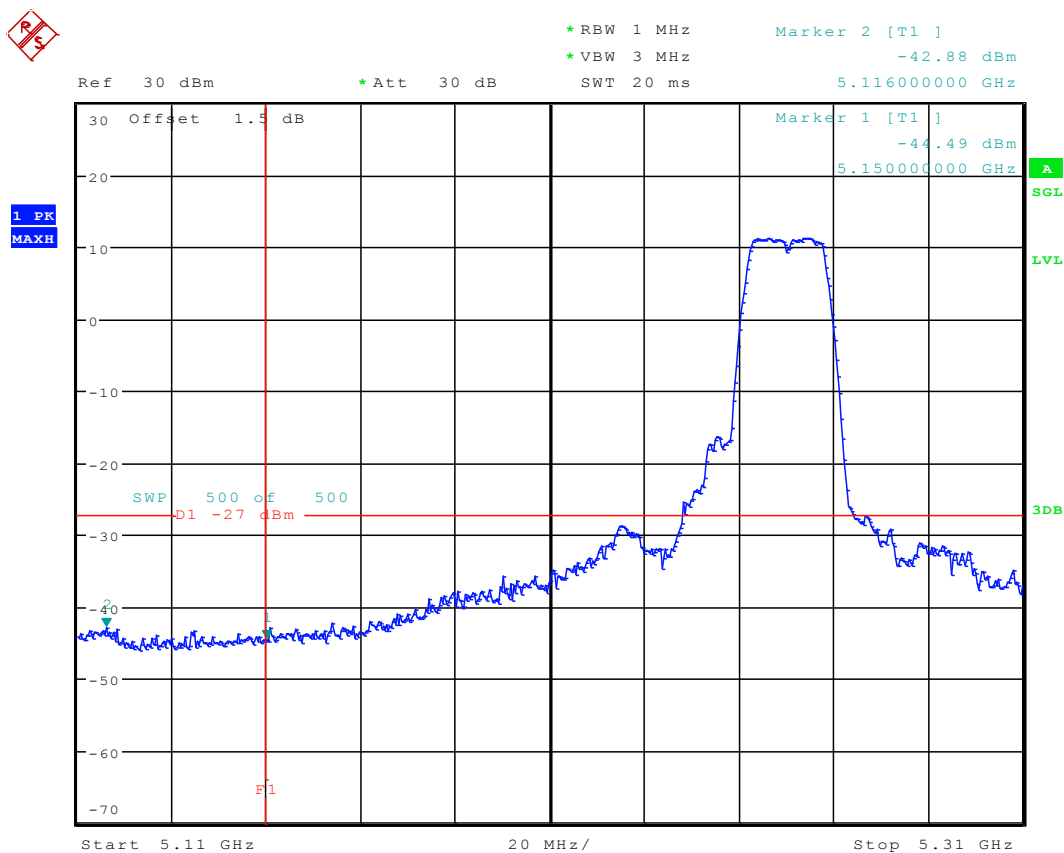
Date: 5.DEC.2016 11:32:39

12.2 11A_48 Ant 1



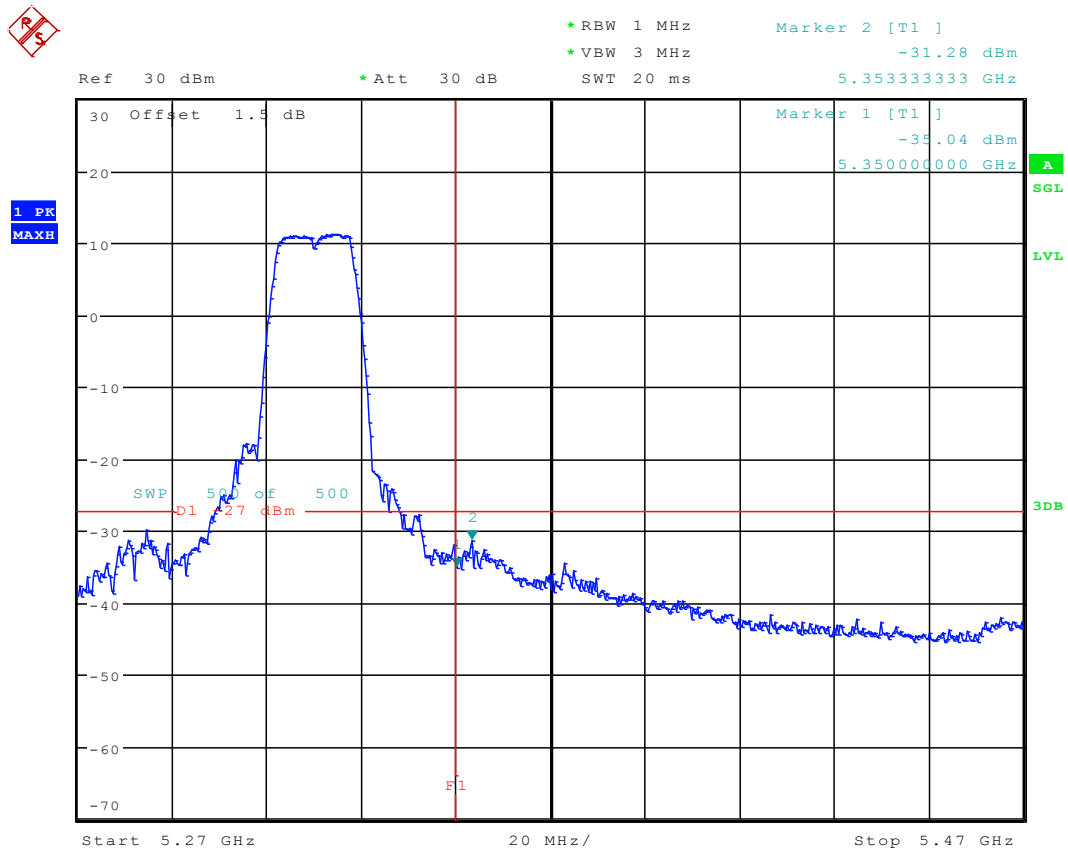
Date: 5.DEC.2016 11:38:09

12.3 11A_52 Ant 1



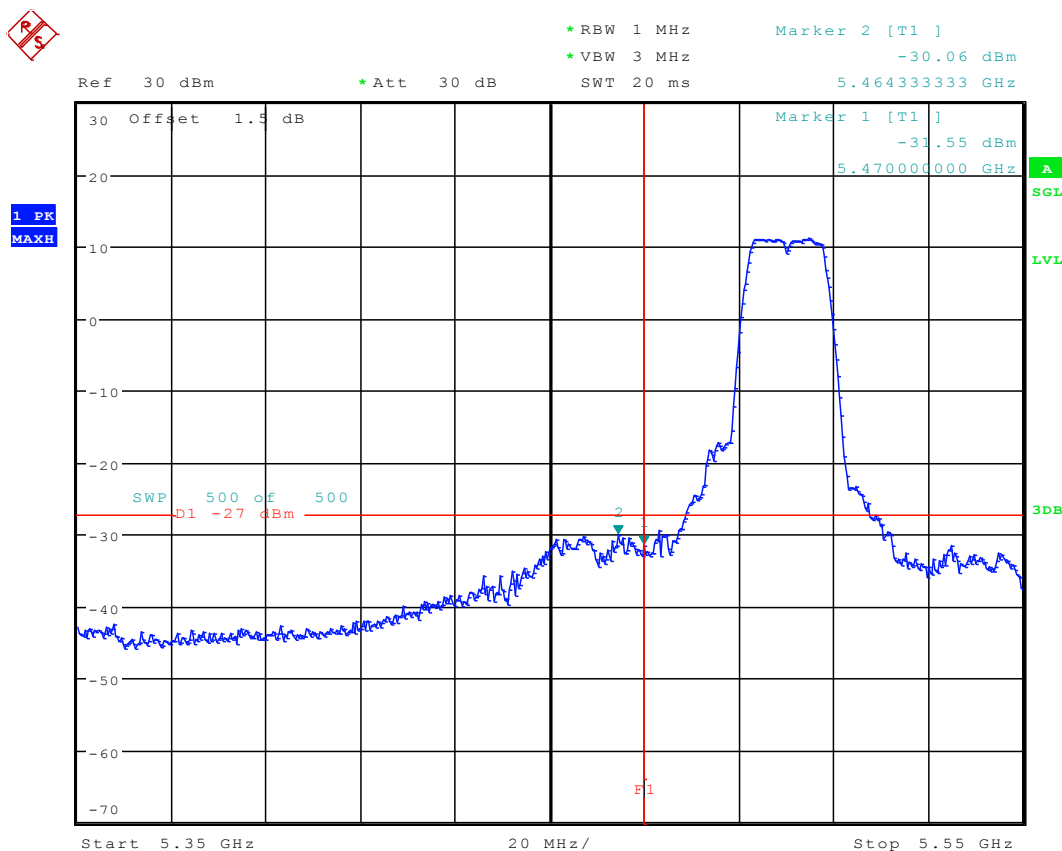
Date: 5.DEC.2016 11:46:45

12.4 11A_64 Ant 1



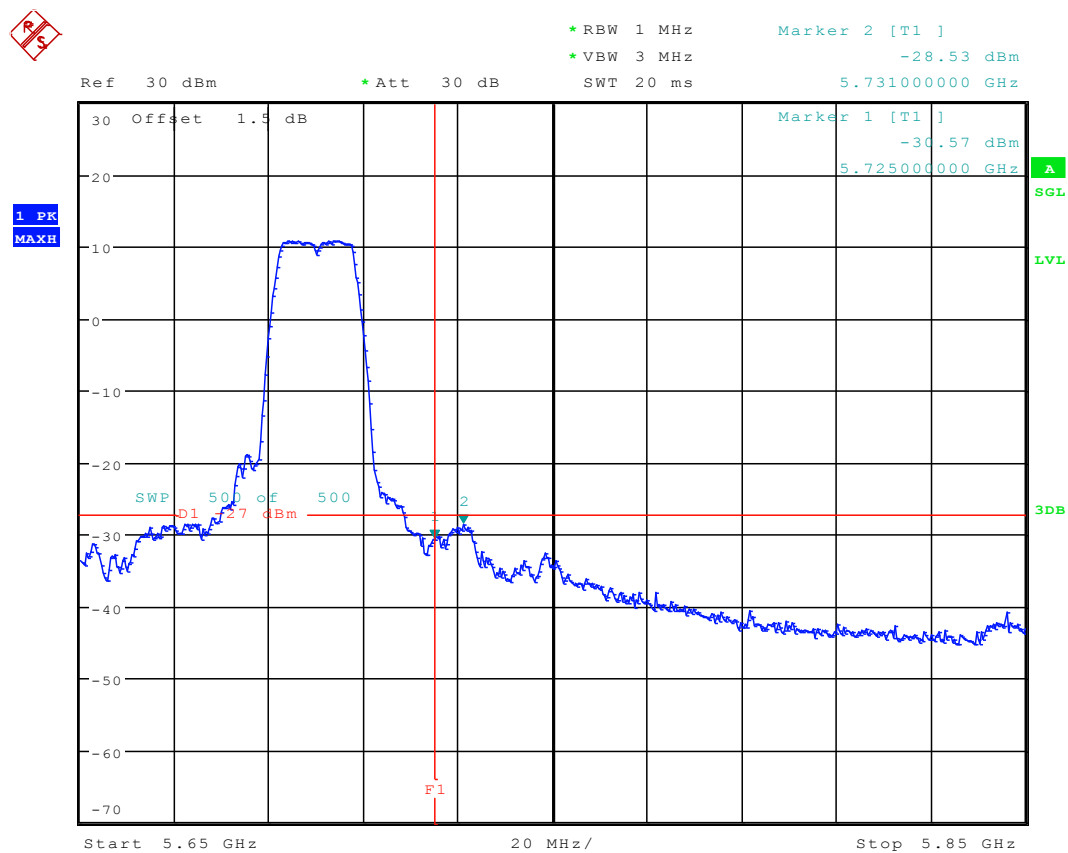
Date: 5.DEC.2016 11:51:59

12.5 11A_100 Ant 1



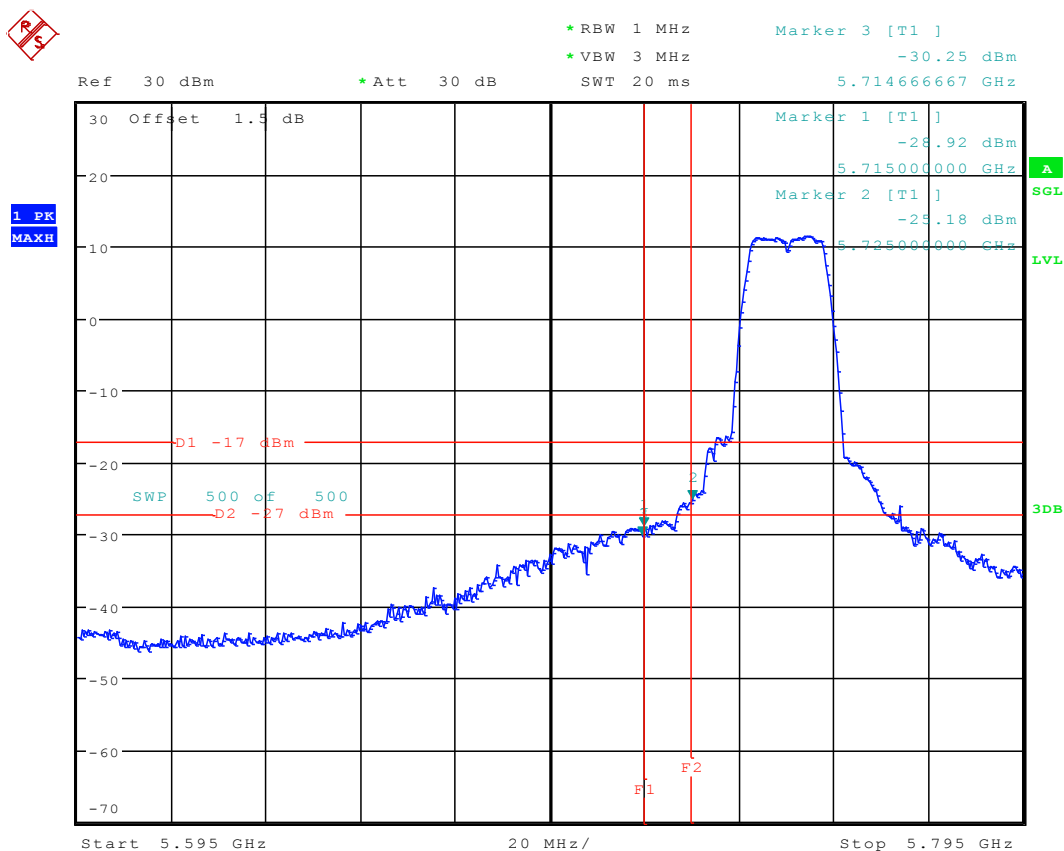
Date: 5.DEC.2016 11:58:12

12.6 11A_140 Ant 1



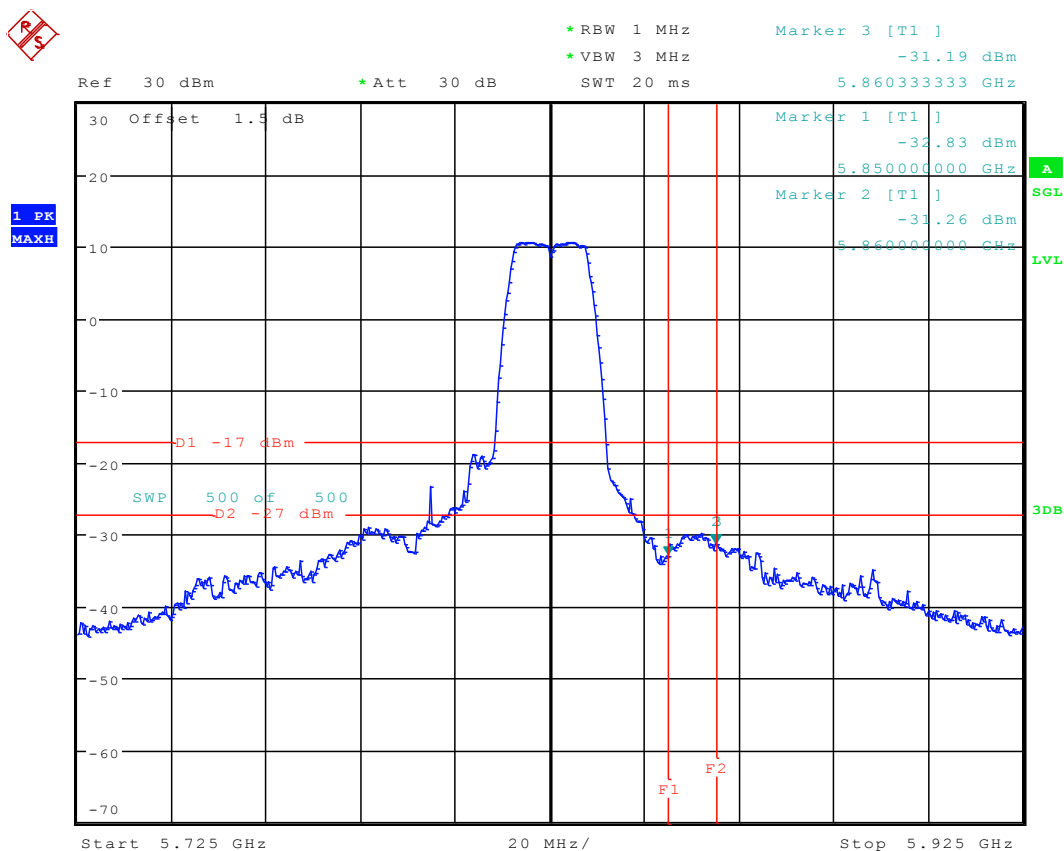
Date: 5.DEC.2016 12:03:30

12.7 11A_149 Ant 1



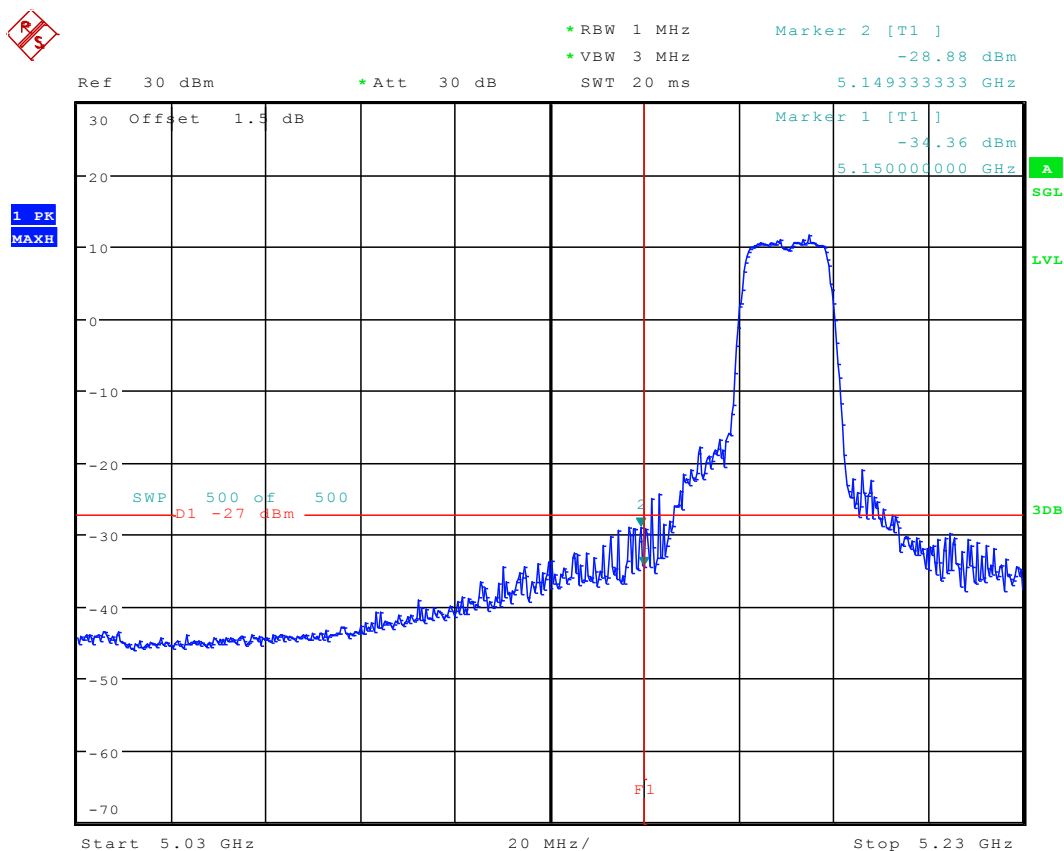
Date: 7.DEC.2016 16:08:28

12.8 11A_165 Ant 1



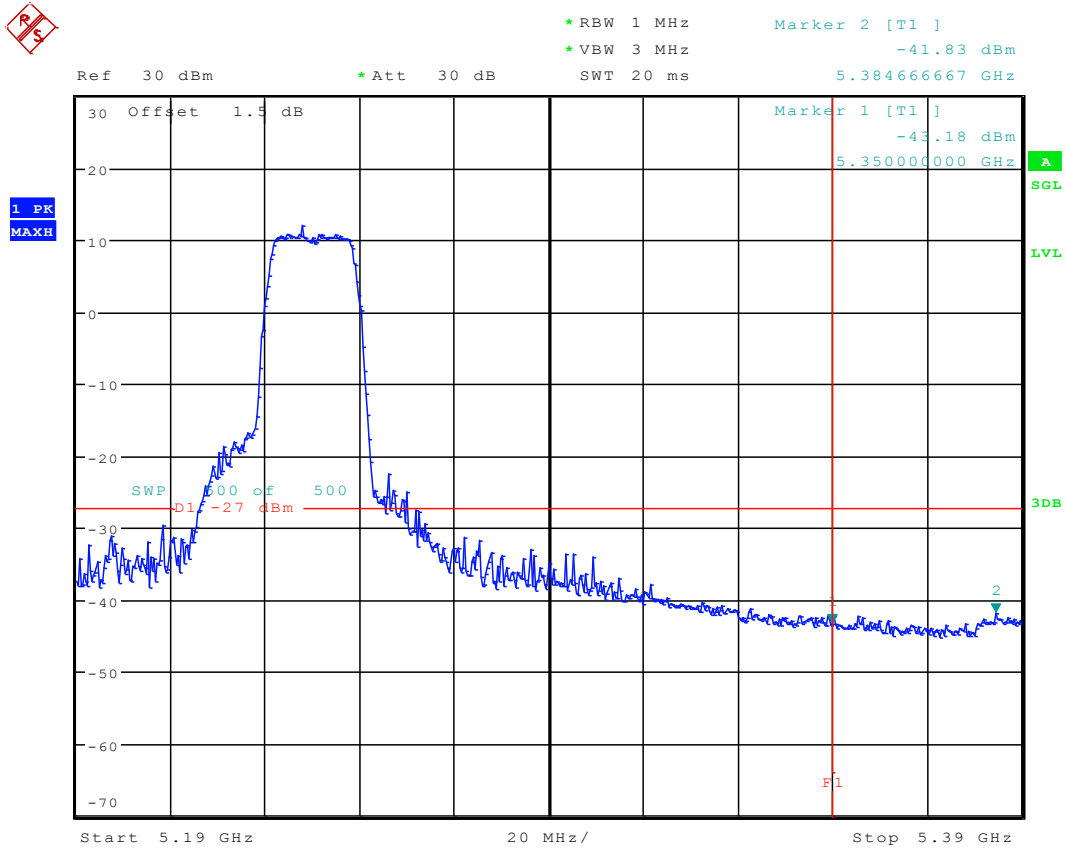
Date: 7.DEC.2016 16:13:34

12.9 11N20_36 Ant 1



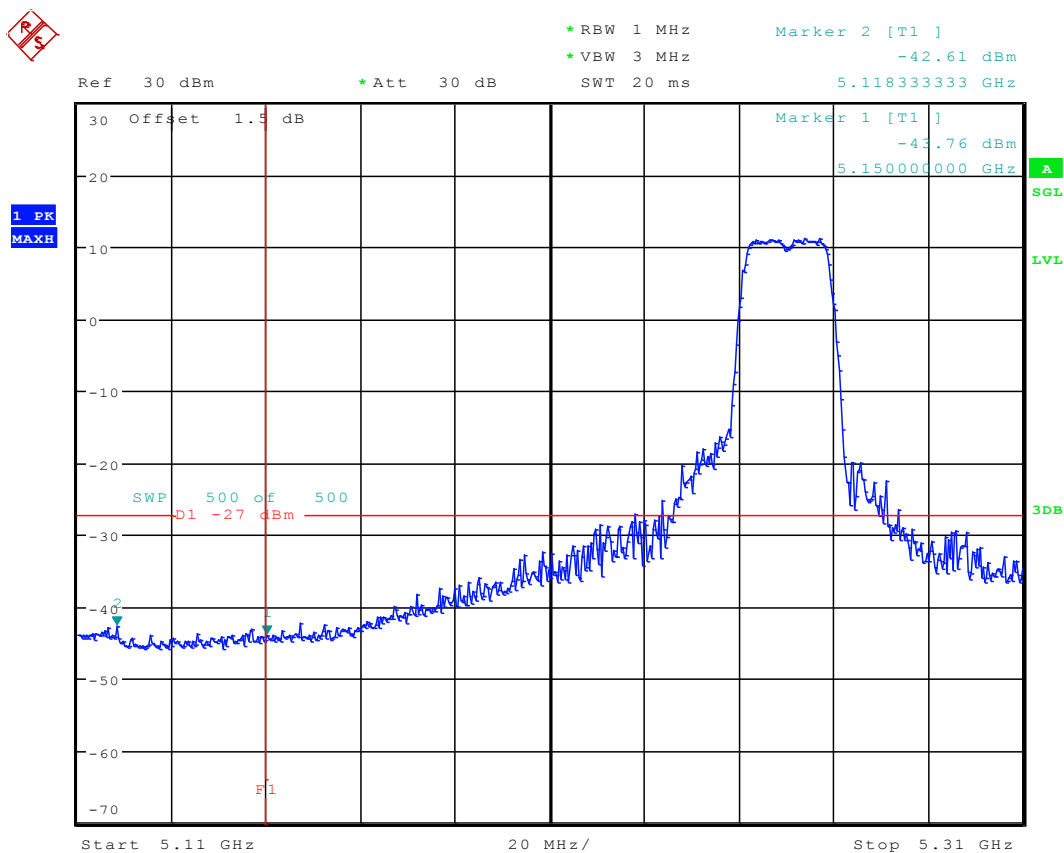
Date: 5.DEC.2016 12:25:45

12.10 11N20_48 Ant 1



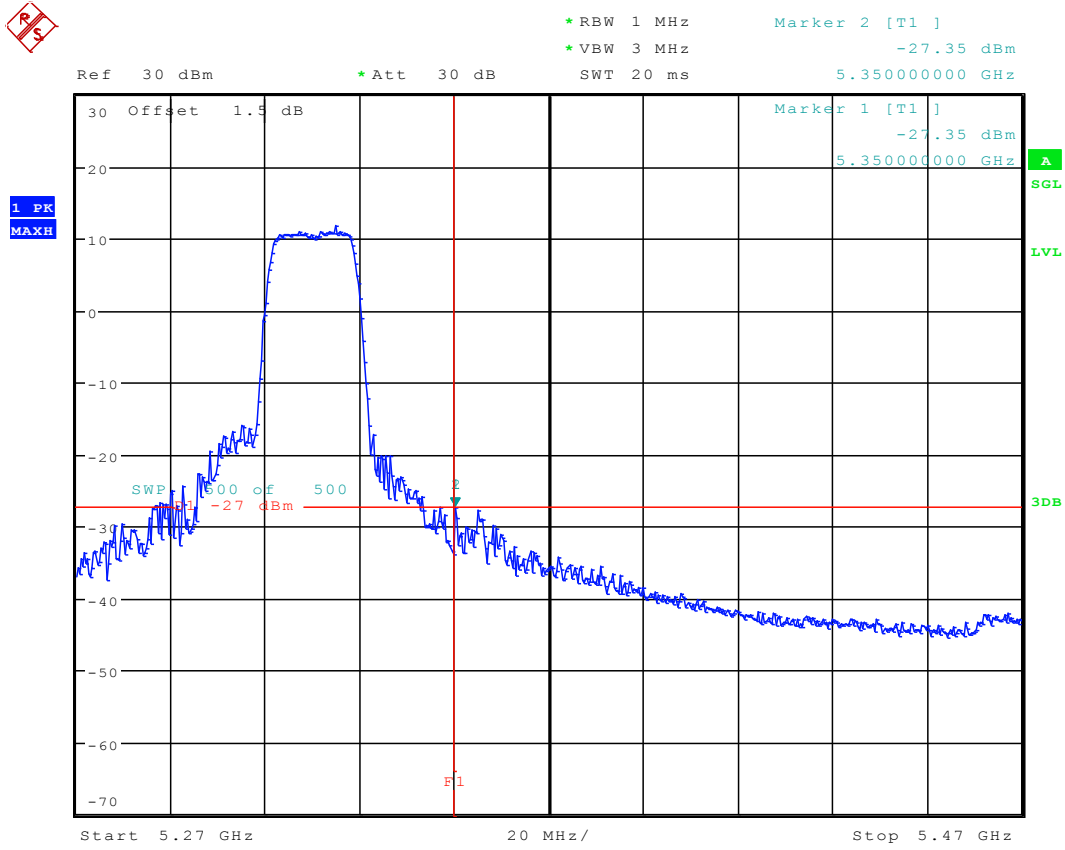
Date: 5.DEC.2016 12:32:35

12.11 11N20_52 Ant 1



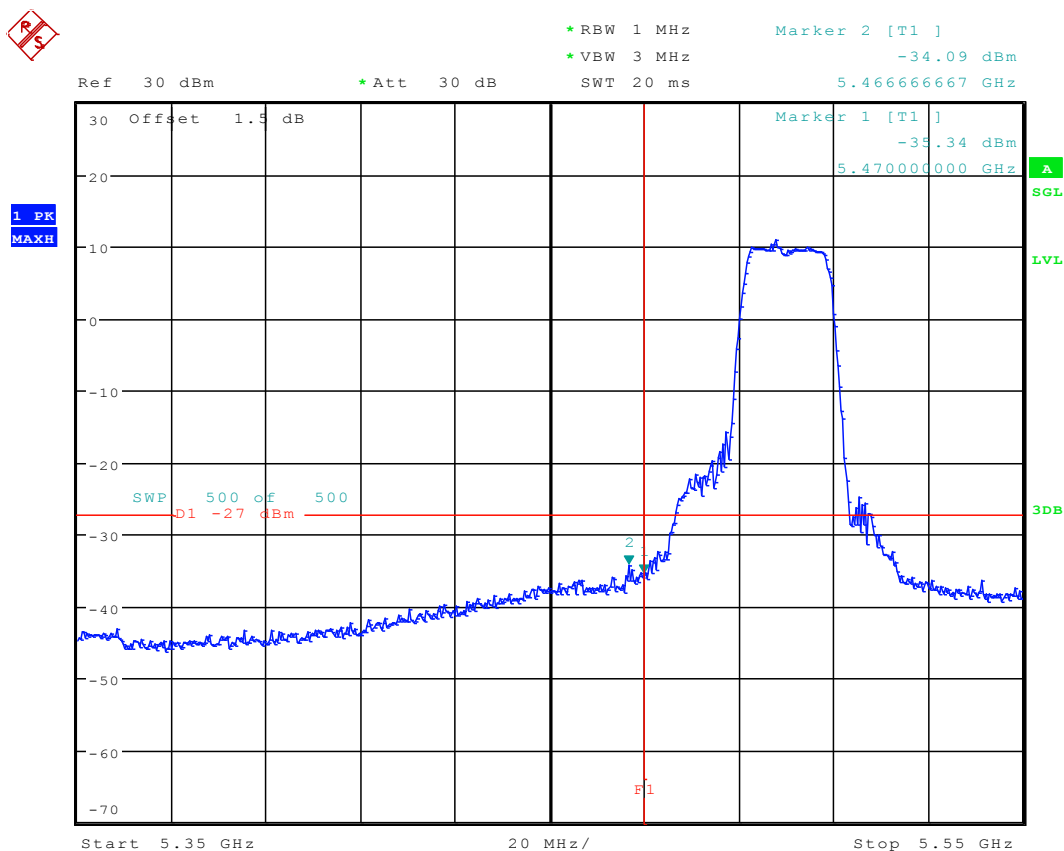
Date: 5.DEC.2016 12:37:57

12.12 11N20_64 Ant 1



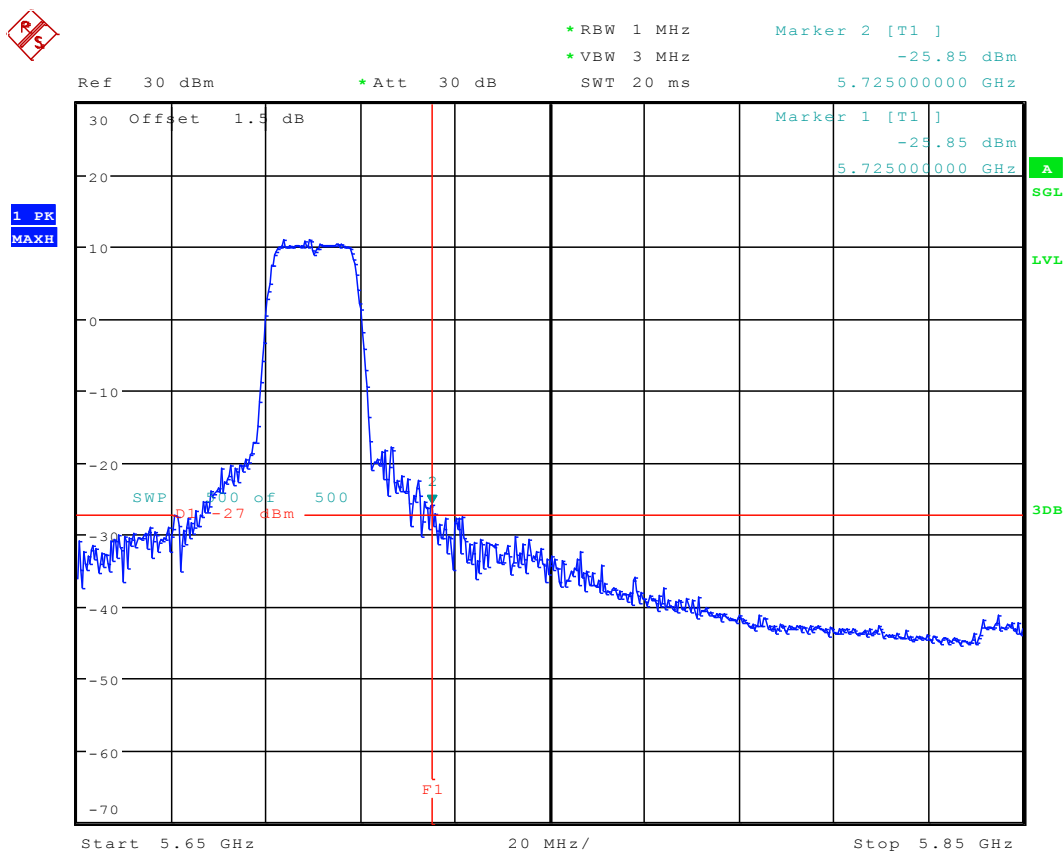
Date: 5.DEC.2016 12:43:22

12.13 11N20_100 Ant 1



Date: 7.DEC.2016 17:08:48

12.14 11N20_140 Ant 1

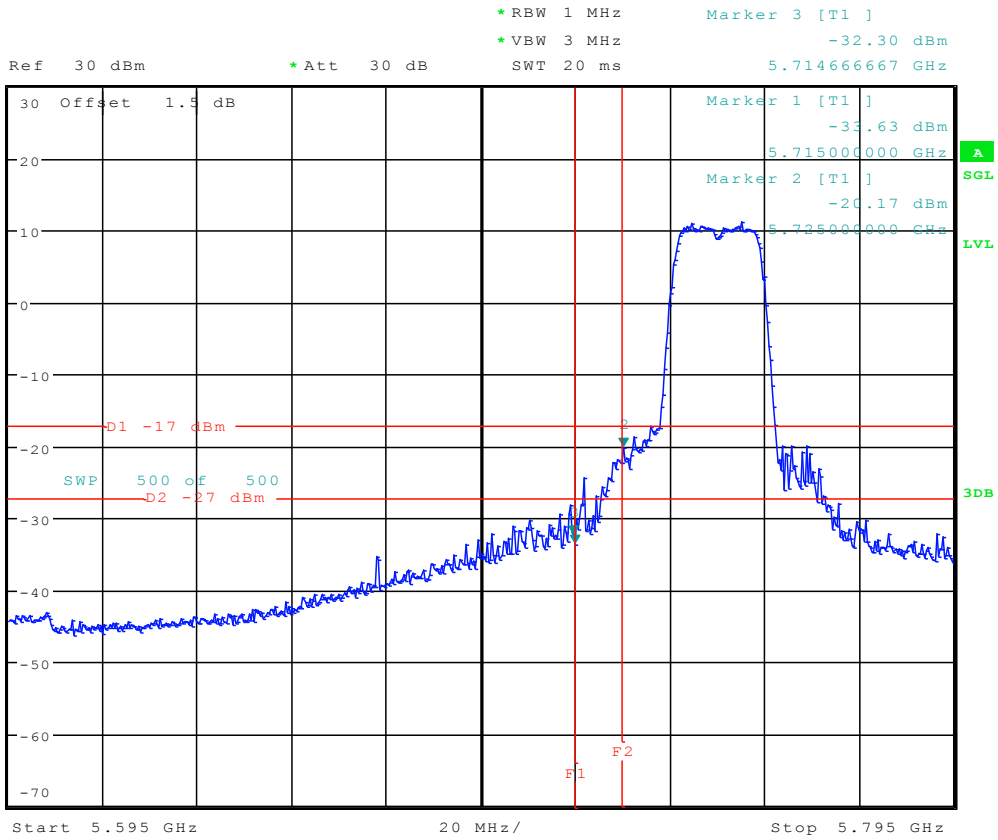


Date: 5.DEC.2016 14:43:56

12.15 11N20_149 Ant 1

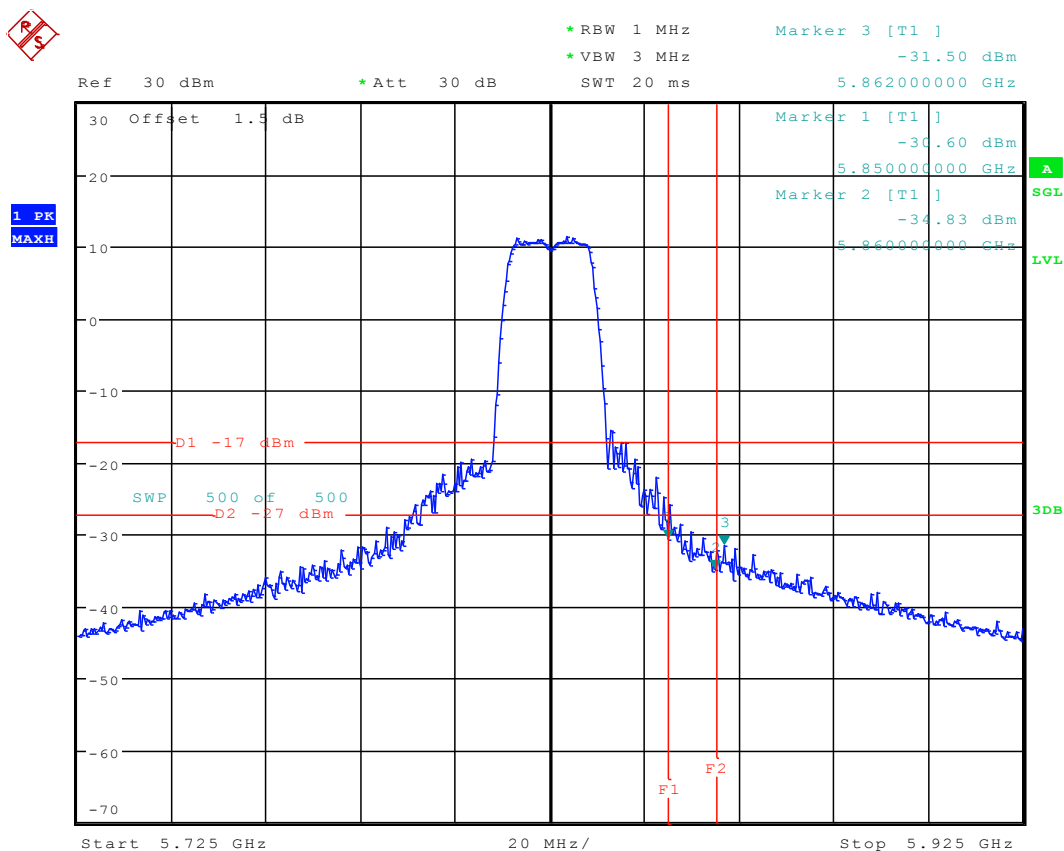


1 PK
MAXH



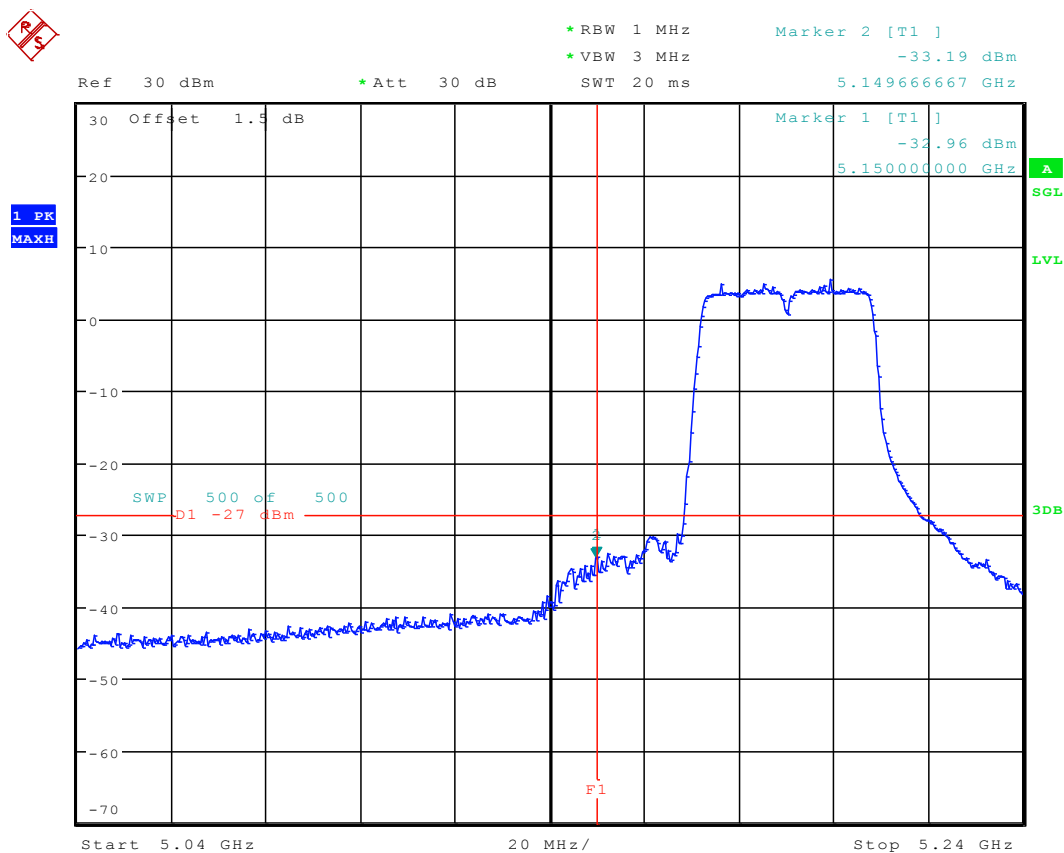
Date: 5.DEC.2016 14:29:34

12.16 11N20_165 Ant 1



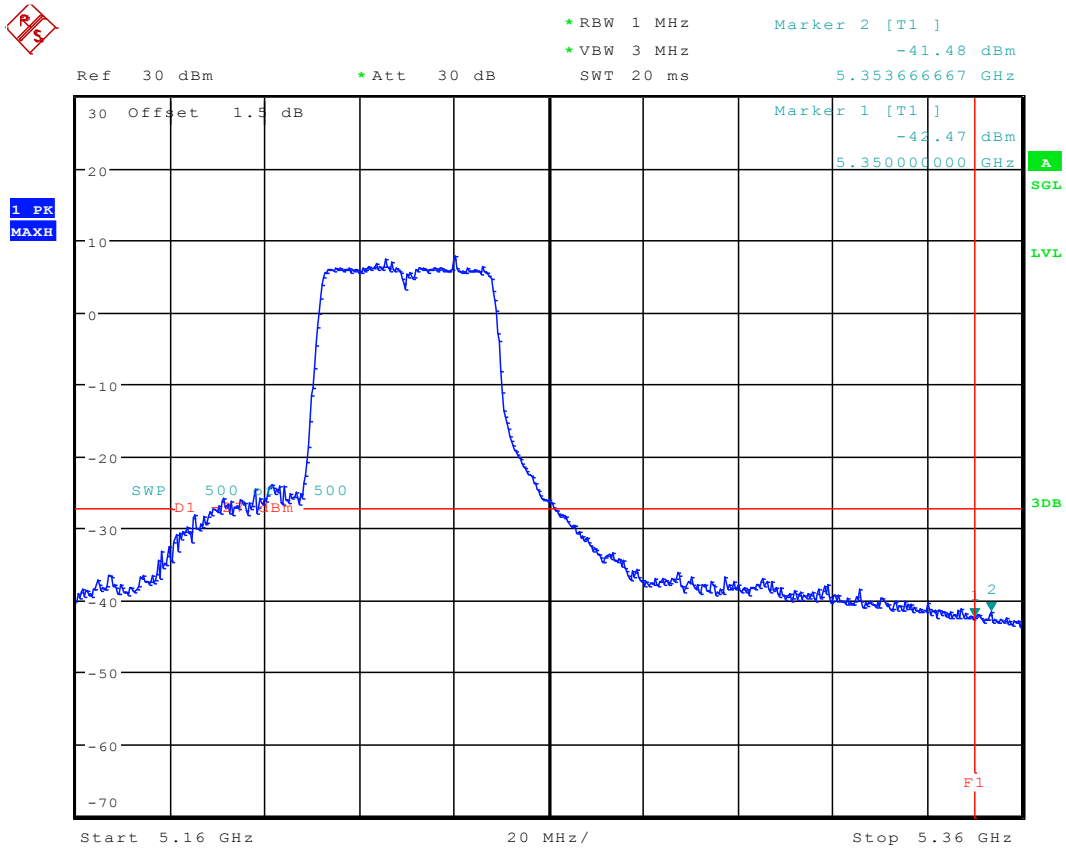
Date: 5.DEC.2016 14:38:22

12.17 11N40_38 Ant 1



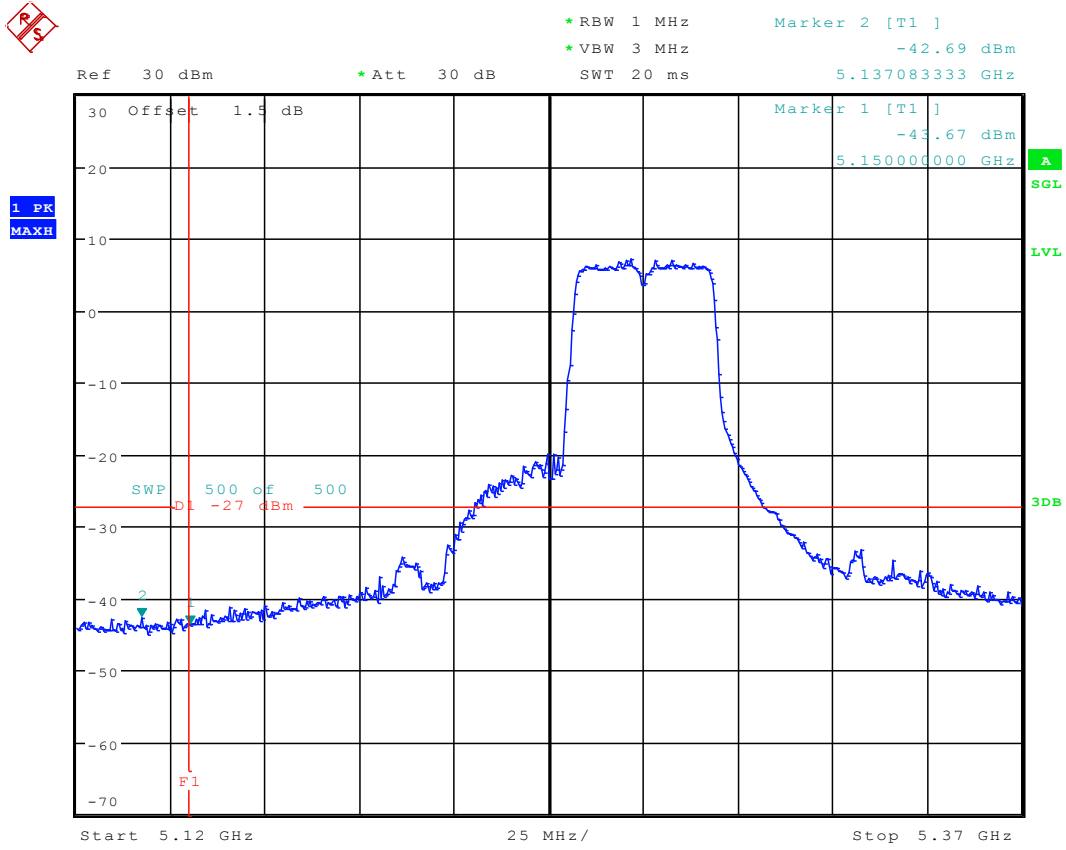
Date: 14.DEC.2016 20:46:08

12.18 11N40_46 Ant 1



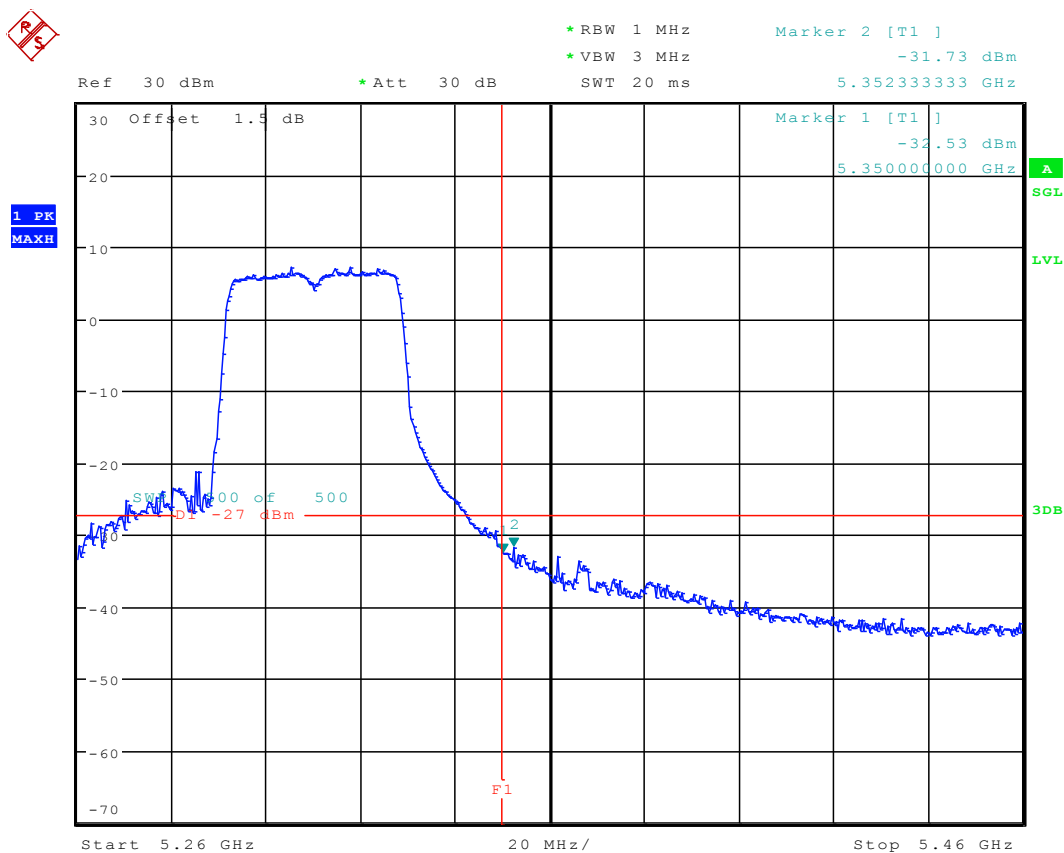
Date: 5.DEC.2016 14:58:15

12.19 11N40_54 Ant 1



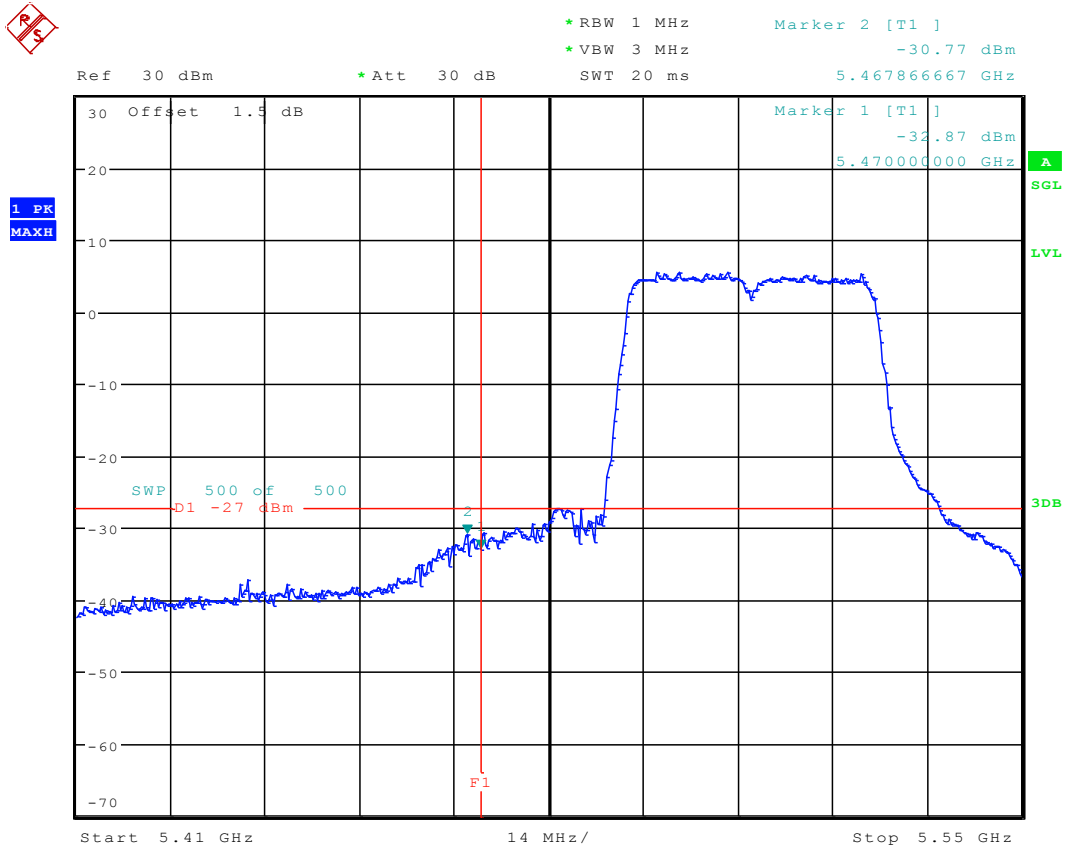
Date: 5.DEC.2016 15:03:19

12.20 11N40_62 Ant 1



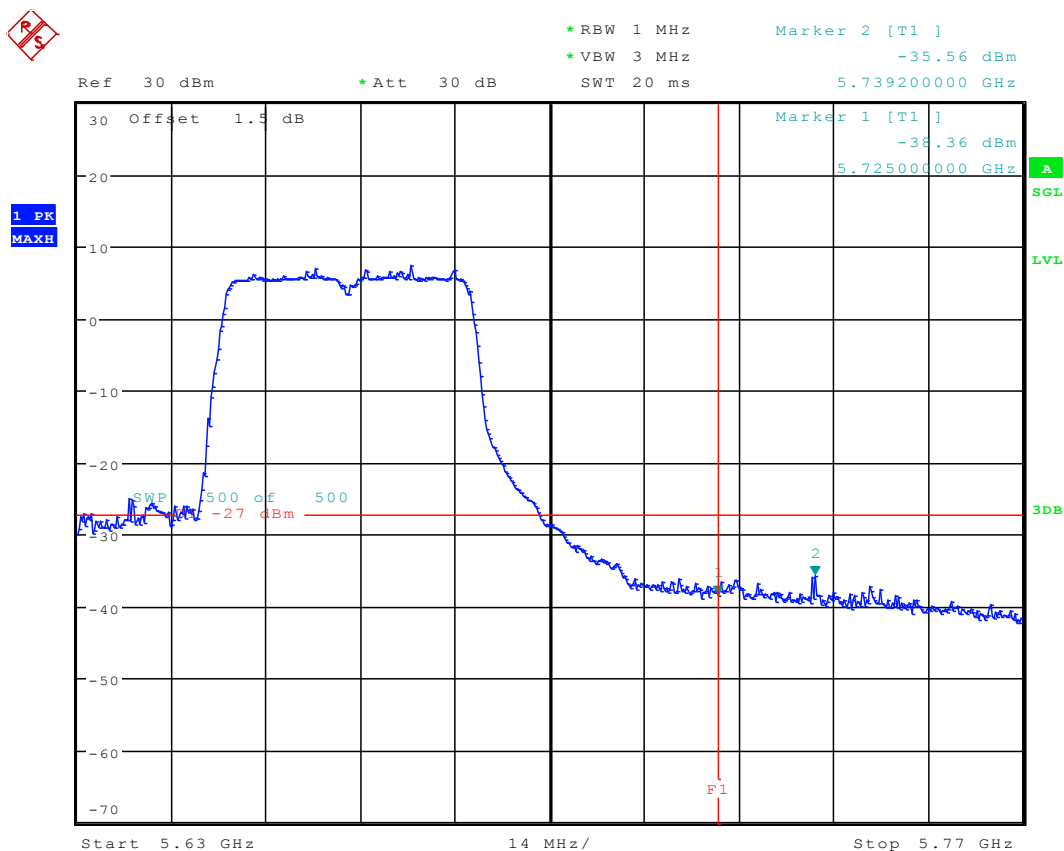
Date: 5.DEC.2016 15:08:01

12.21 11N40_102 Ant 1



Date: 14.DEC.2016 20:47:25

12.22 11N40_134 Ant 1

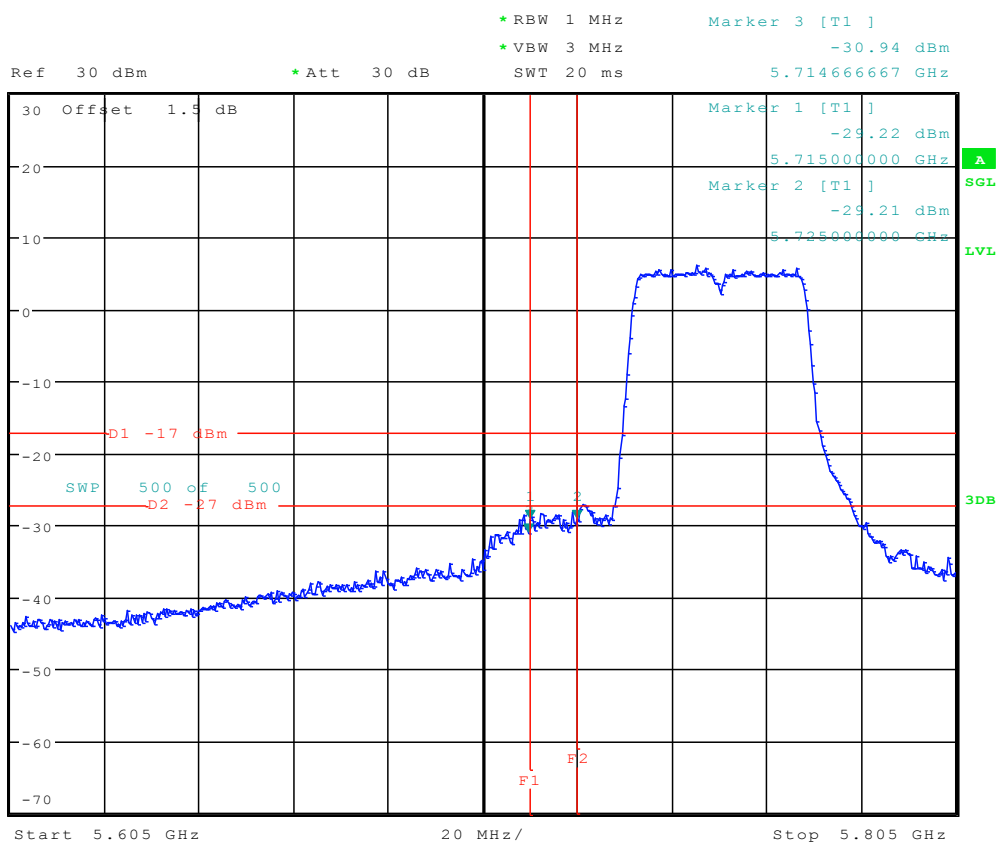


Date: 5.DEC.2016 15:14:50

12.23 11N40_151 Ant 1

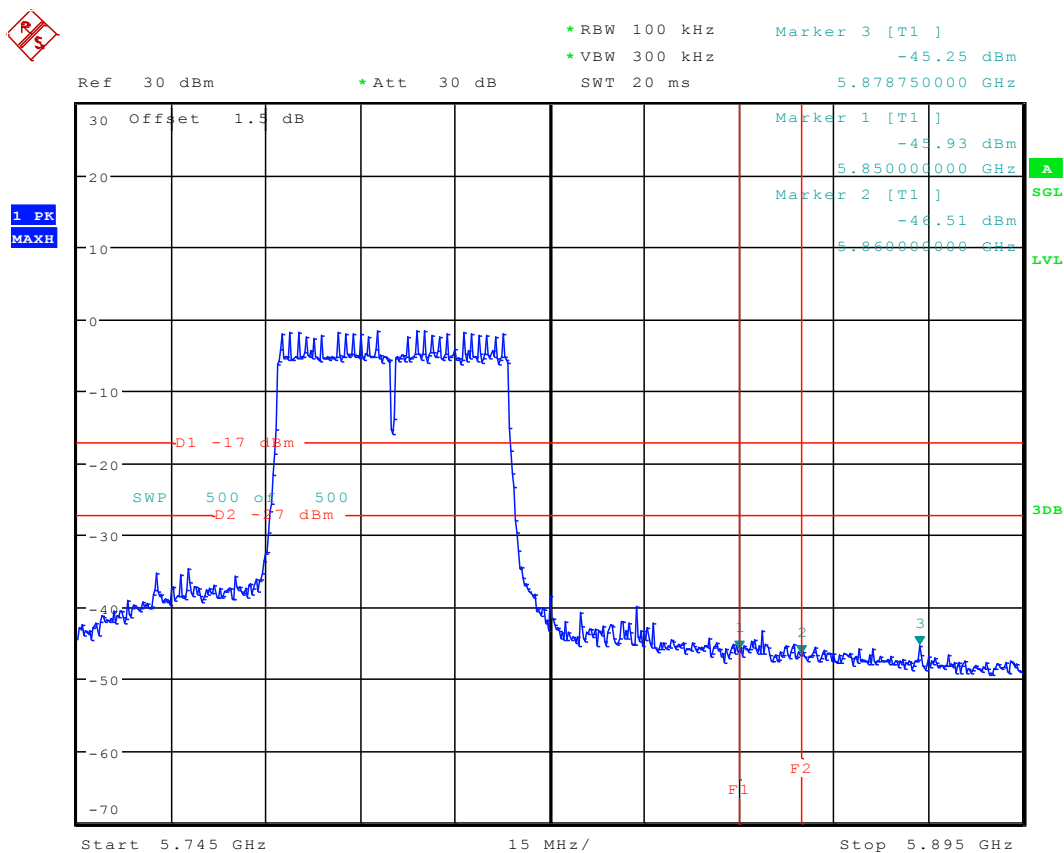


1 PK
MAXH



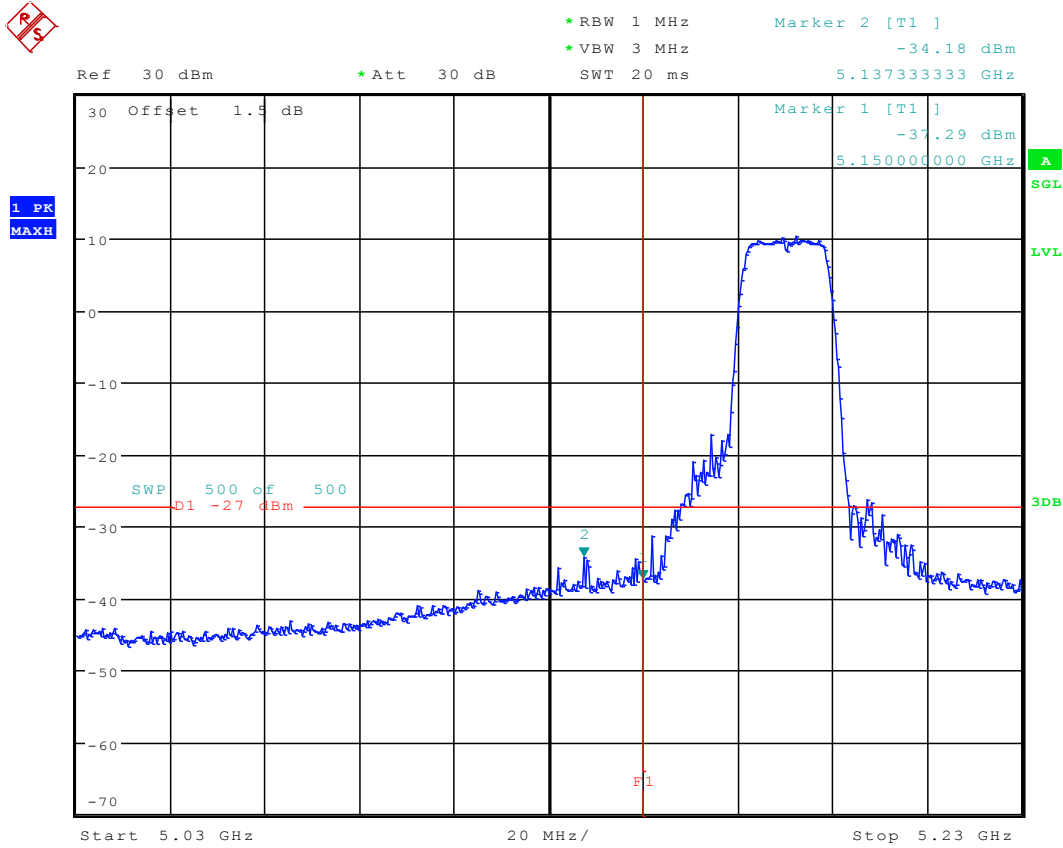
Date: 14.DEC.2016 20:50:14

12.24 11N40_159 Ant 1



Date: 5.DEC.2016 15:31:06

12.25 11AC20_36 Ant 1

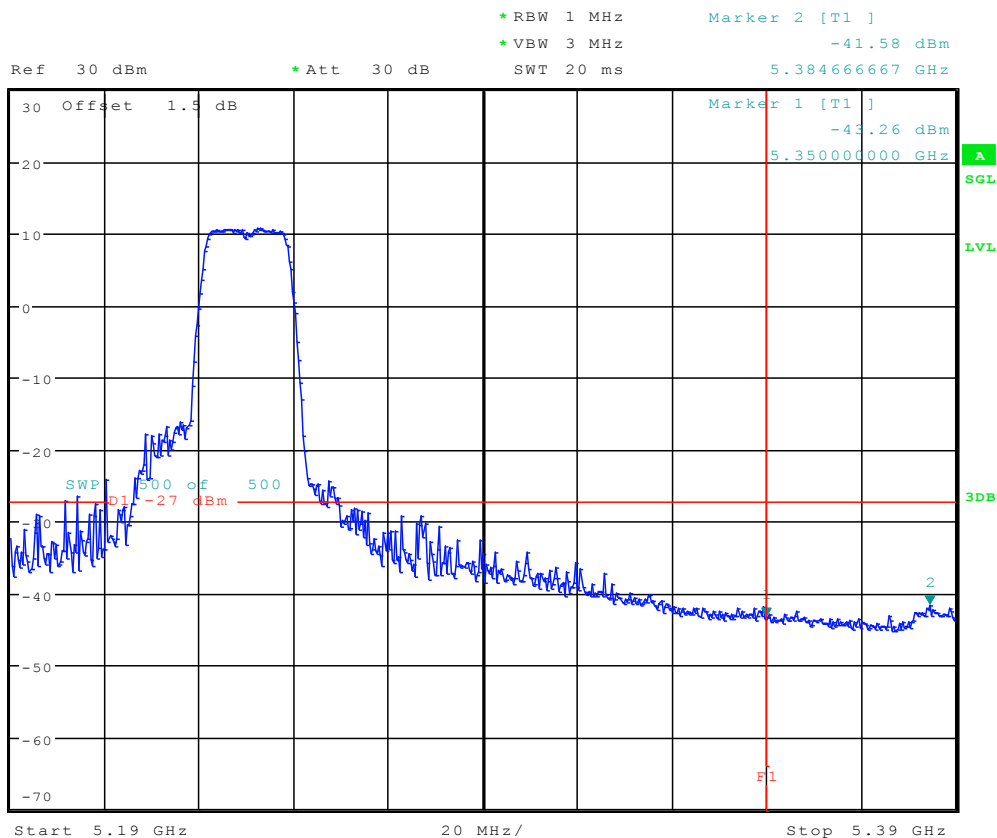


Date: 7.DEC.2016 16:26:51

12.26 11AC20_48 Ant 1

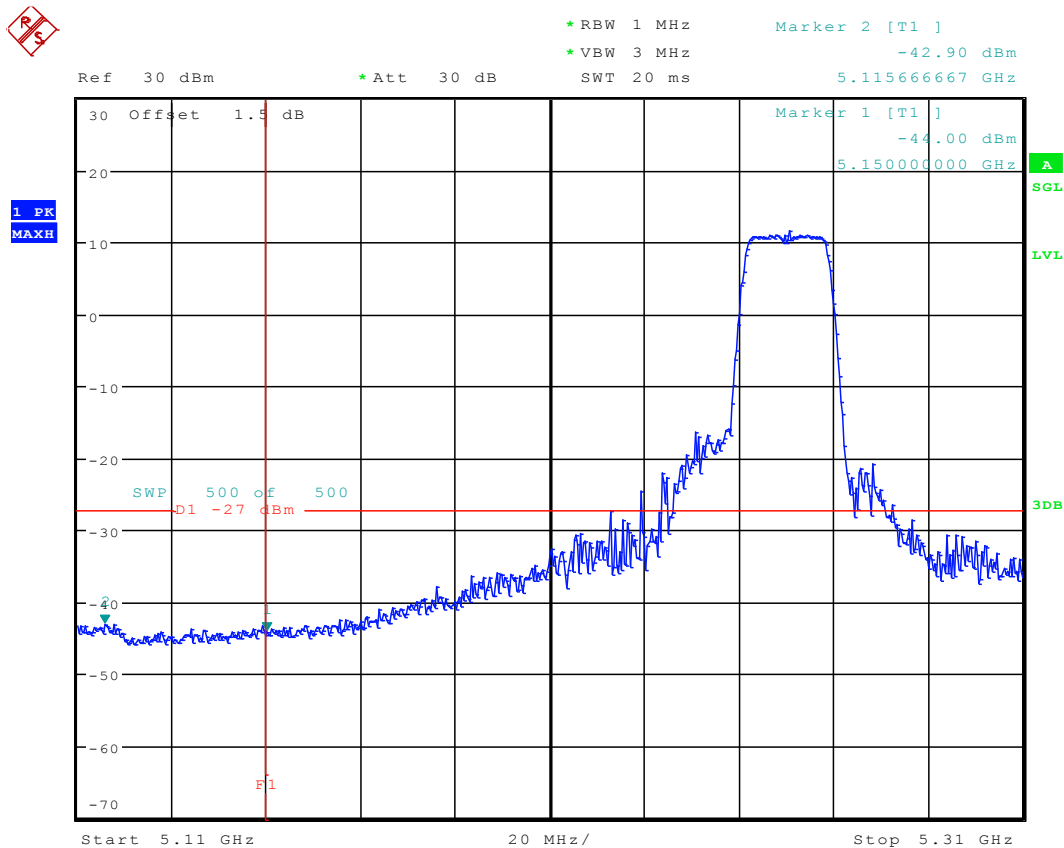


1 PK
MAXH



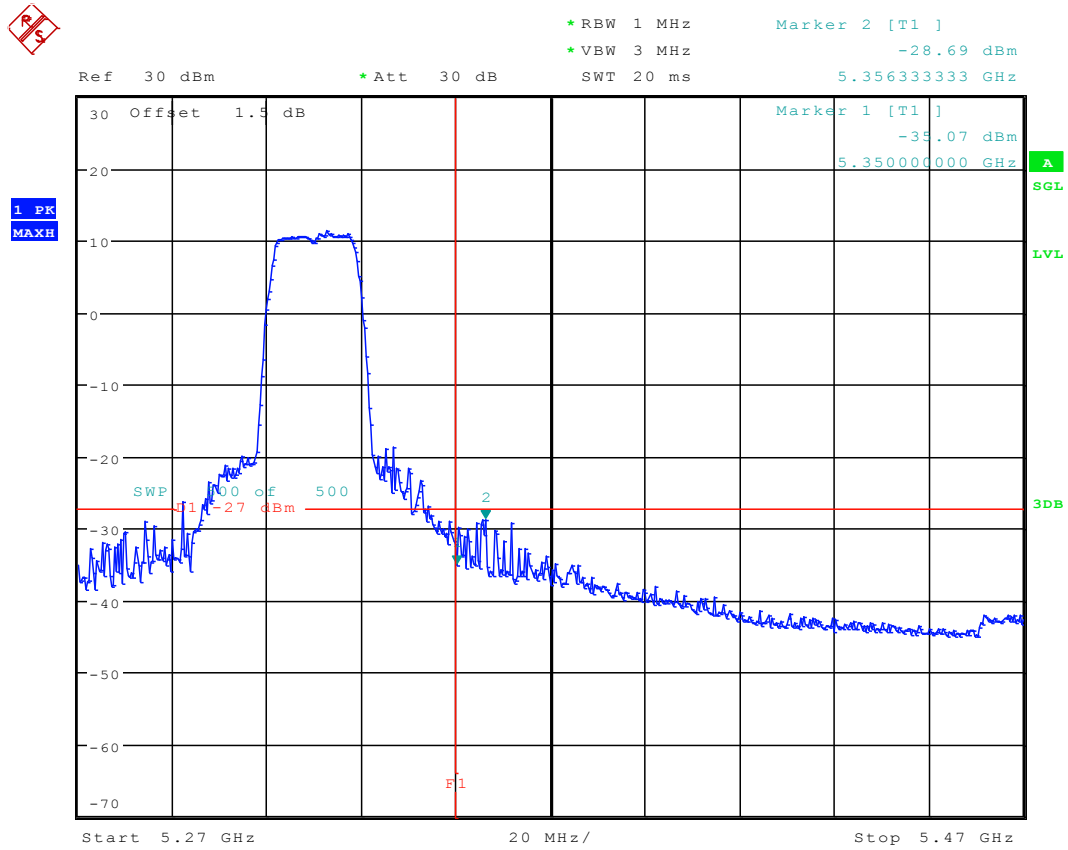
Date: 5.DEC.2016 15:51:56

12.27 11AC20_52 Ant 1



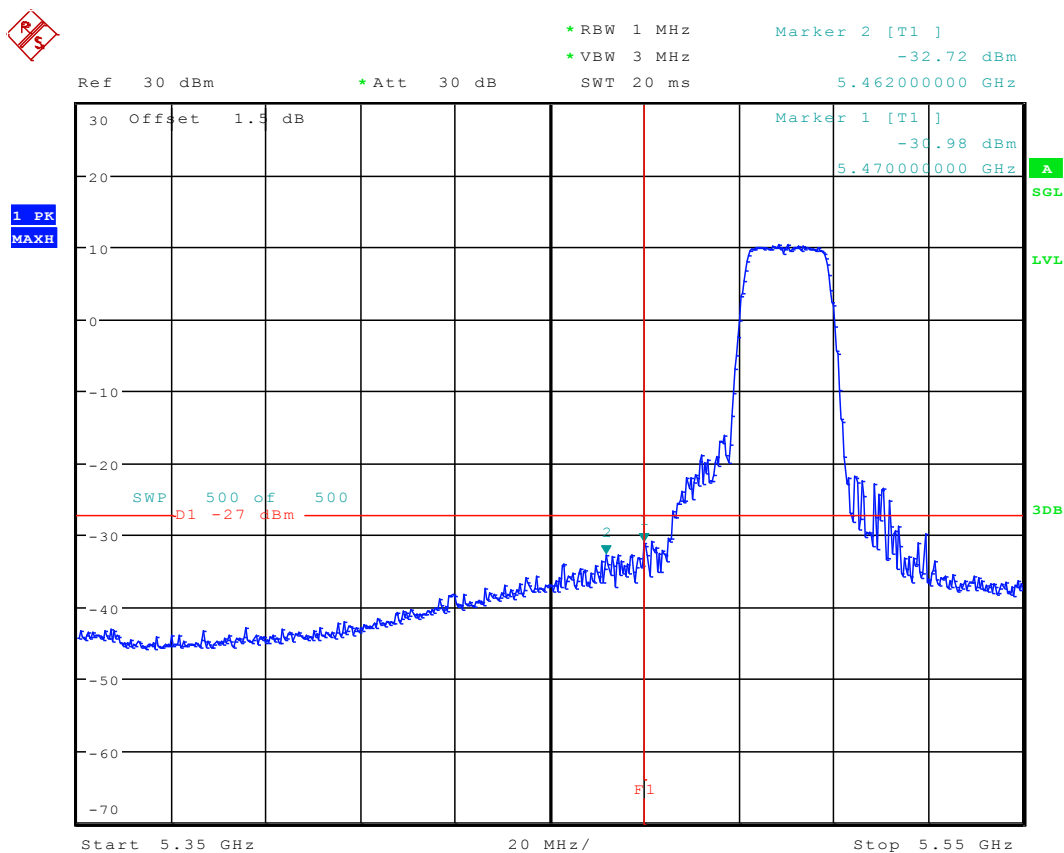
Date: 5.DEC.2016 15:57:04

12.28 11AC20_64 Ant 1



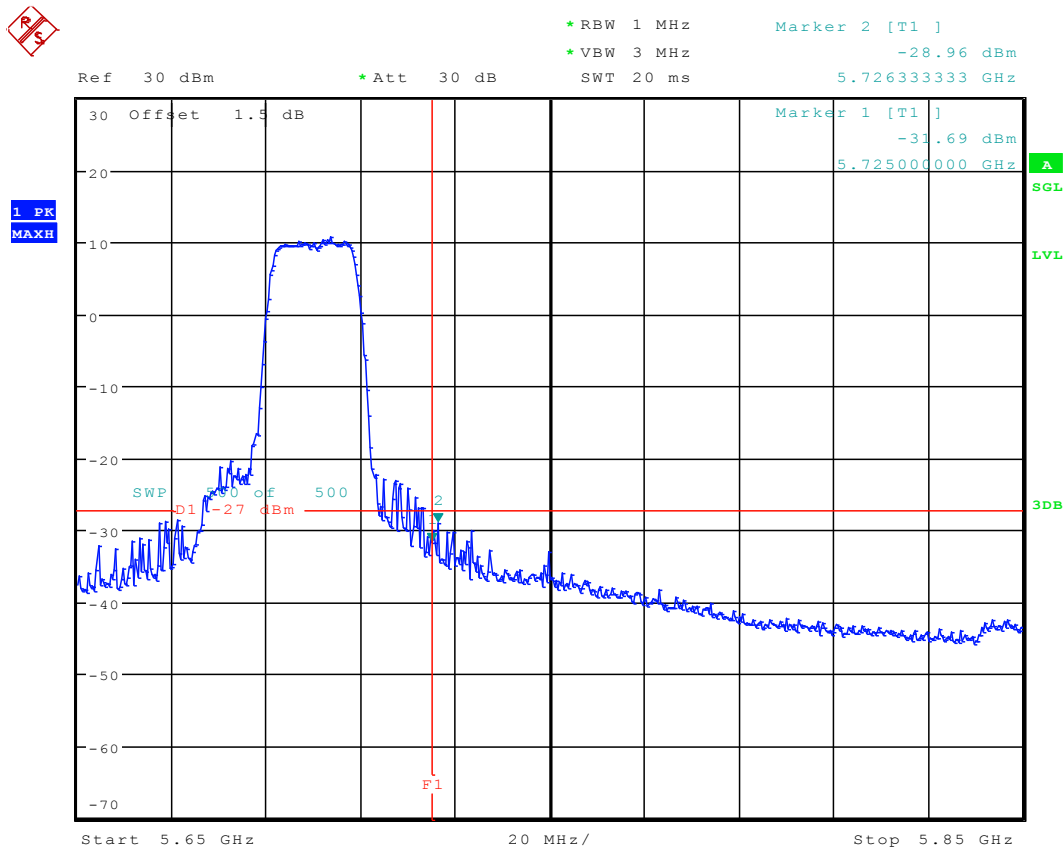
Date: 5.DEC.2016 16:02:35

12.29 11AC20_100 Ant 1



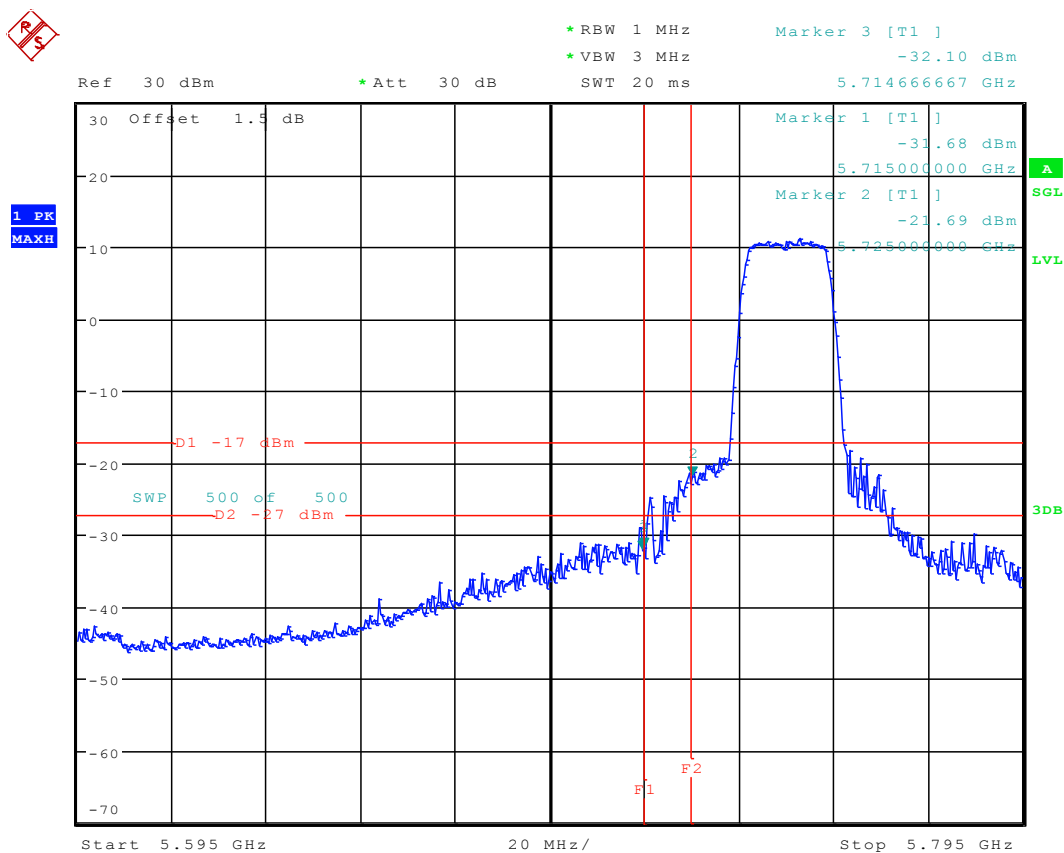
Date: 7.DEC.2016 16:38:49

12.30 11AC20_140 Ant 1



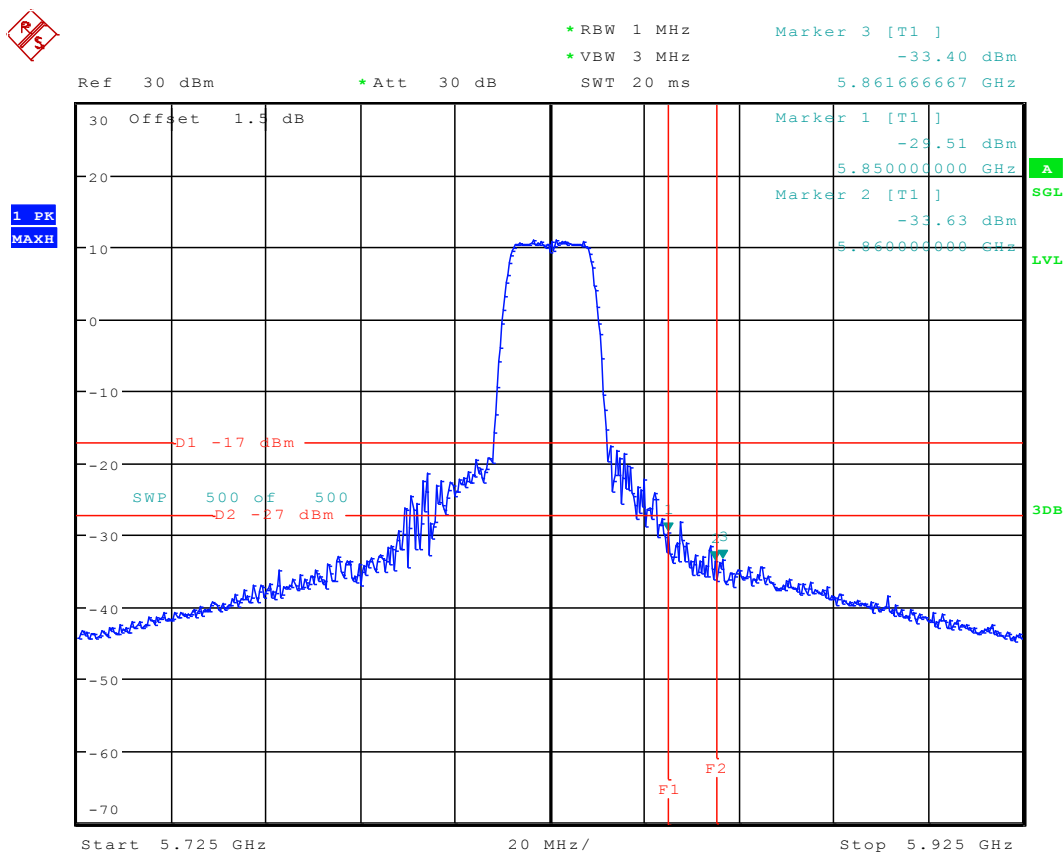
Date: 7.DEC.2016 16:42:34

12.31 11AC20_149 Ant 1



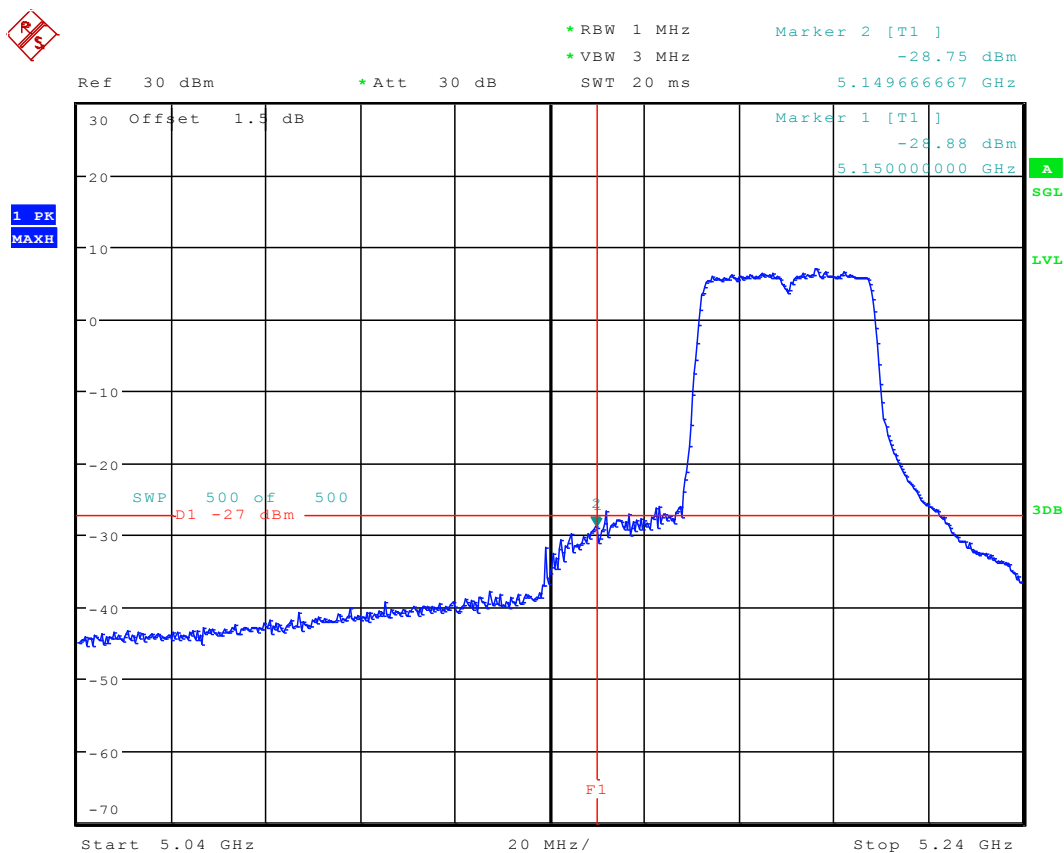
Date: 6.DEC.2016 11:17:20

12.32 11AC20_165 Ant 1



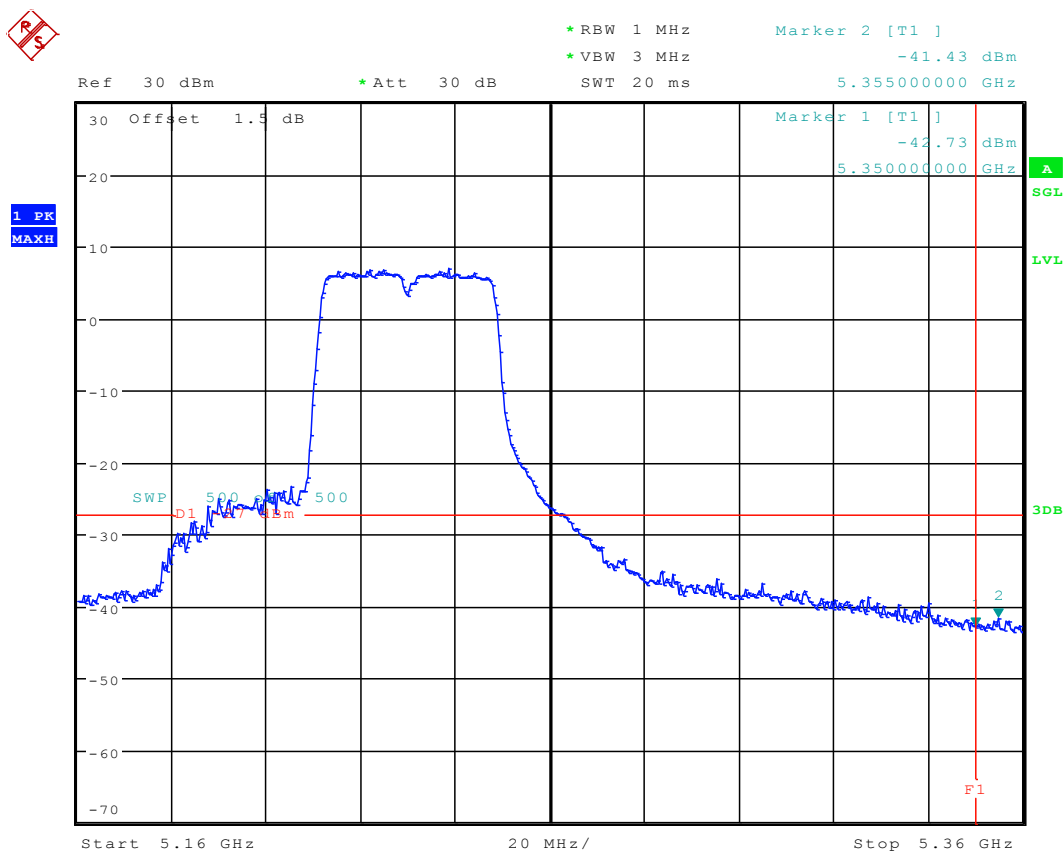
Date: 6.DEC.2016 11:22:02

12.33 11AC40_38 Ant 1



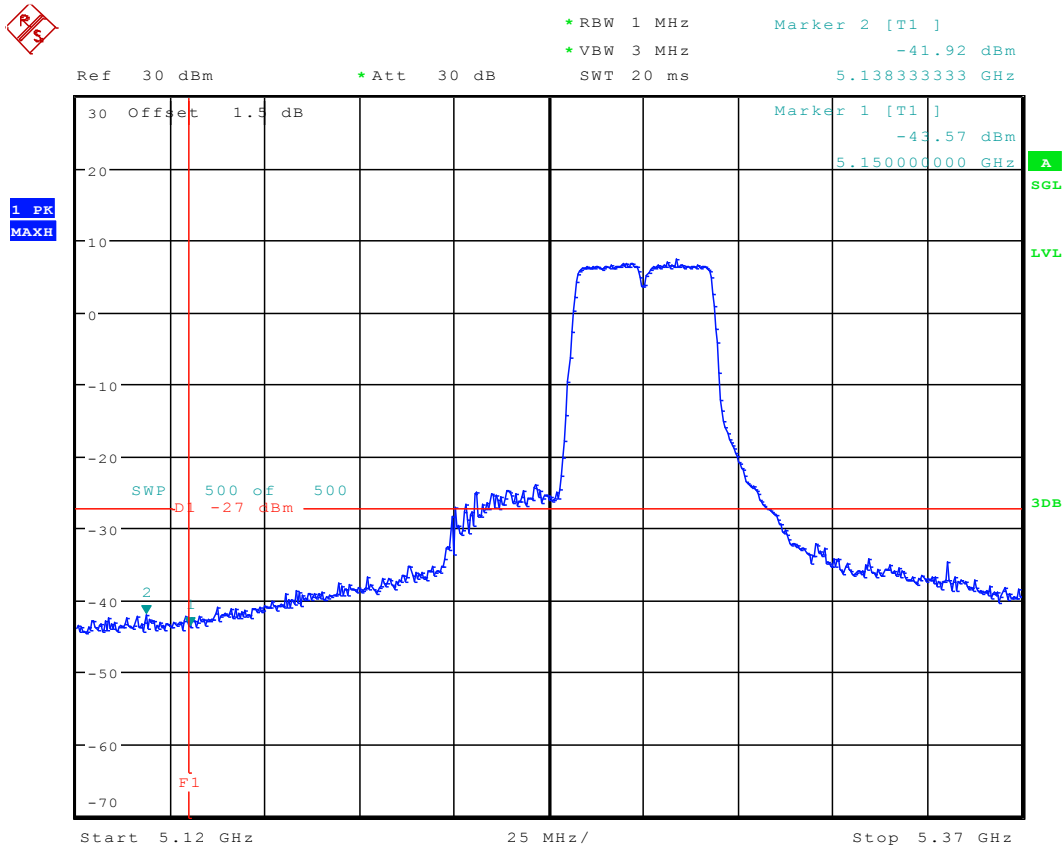
Date: 6.DEC.2016 10:38:14

12.34 11AC40_46 Ant 1



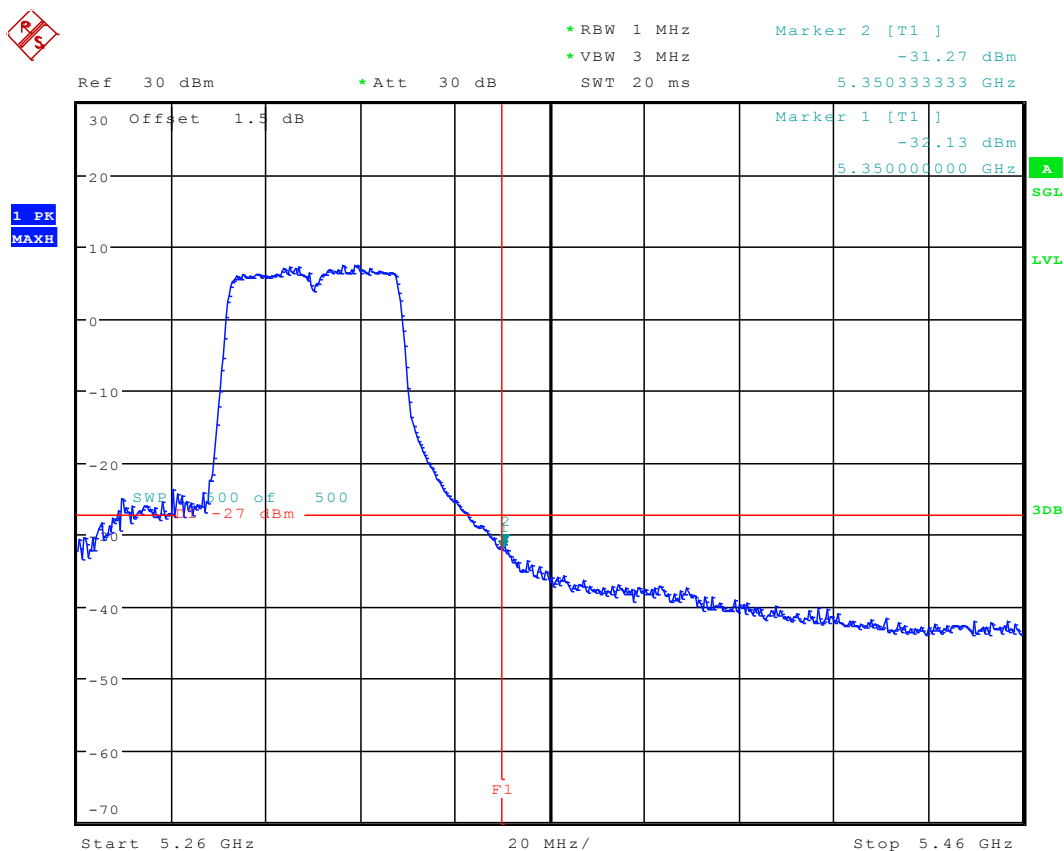
Date: 6.DEC.2016 10:29:13

12.35 11AC40_54 Ant 1



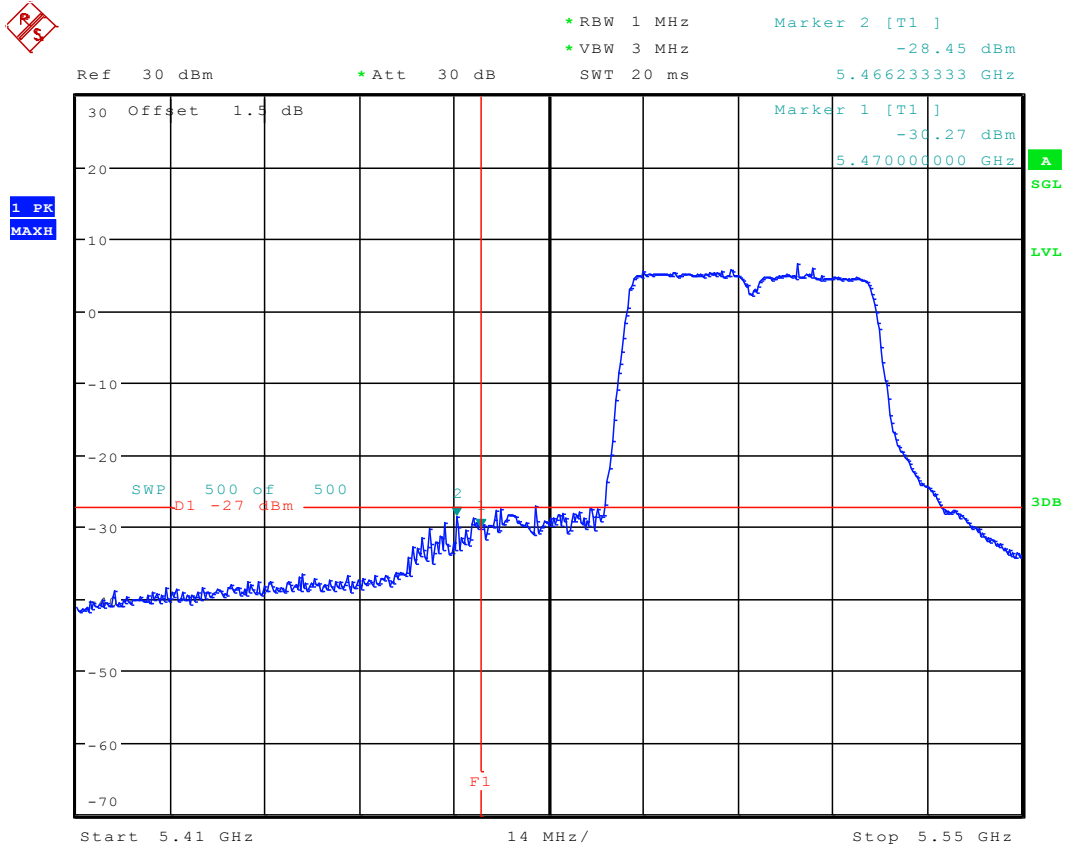
Date: 5.DEC.2016 17:15:44

12.36 11AC40_62 Ant 1



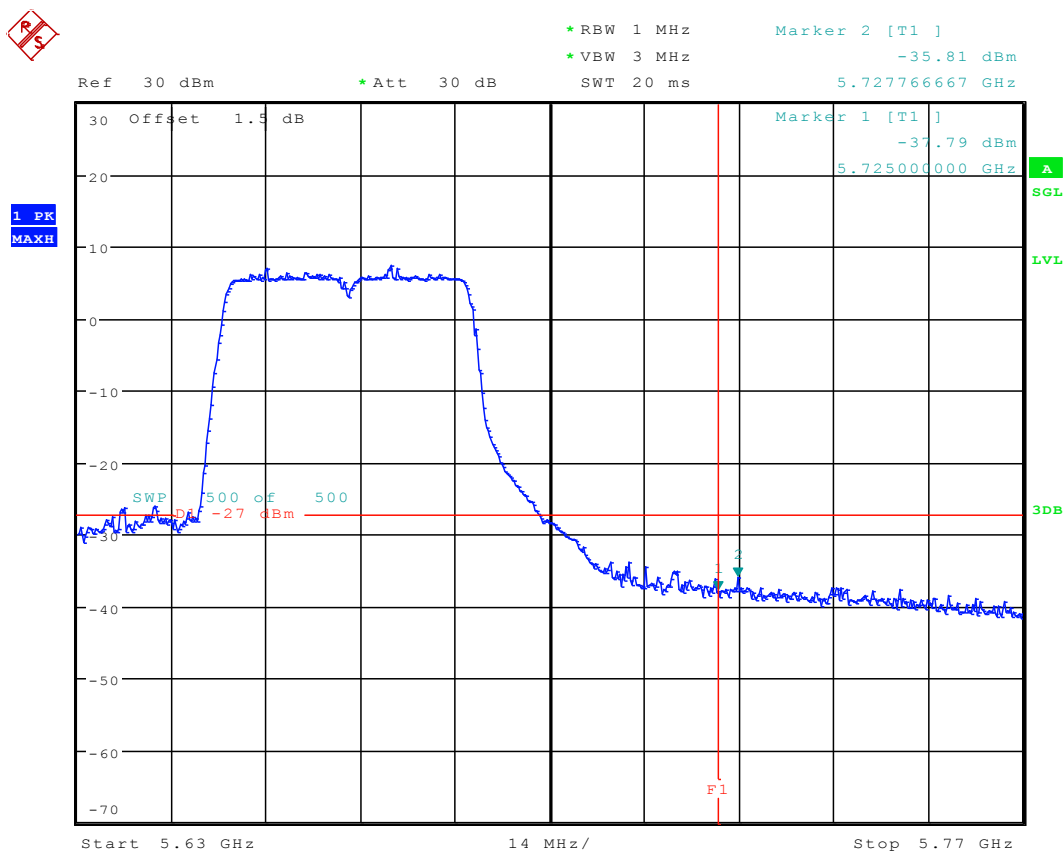
Date: 5.DEC.2016 17:20:54

12.37 11AC40_102 Ant 1



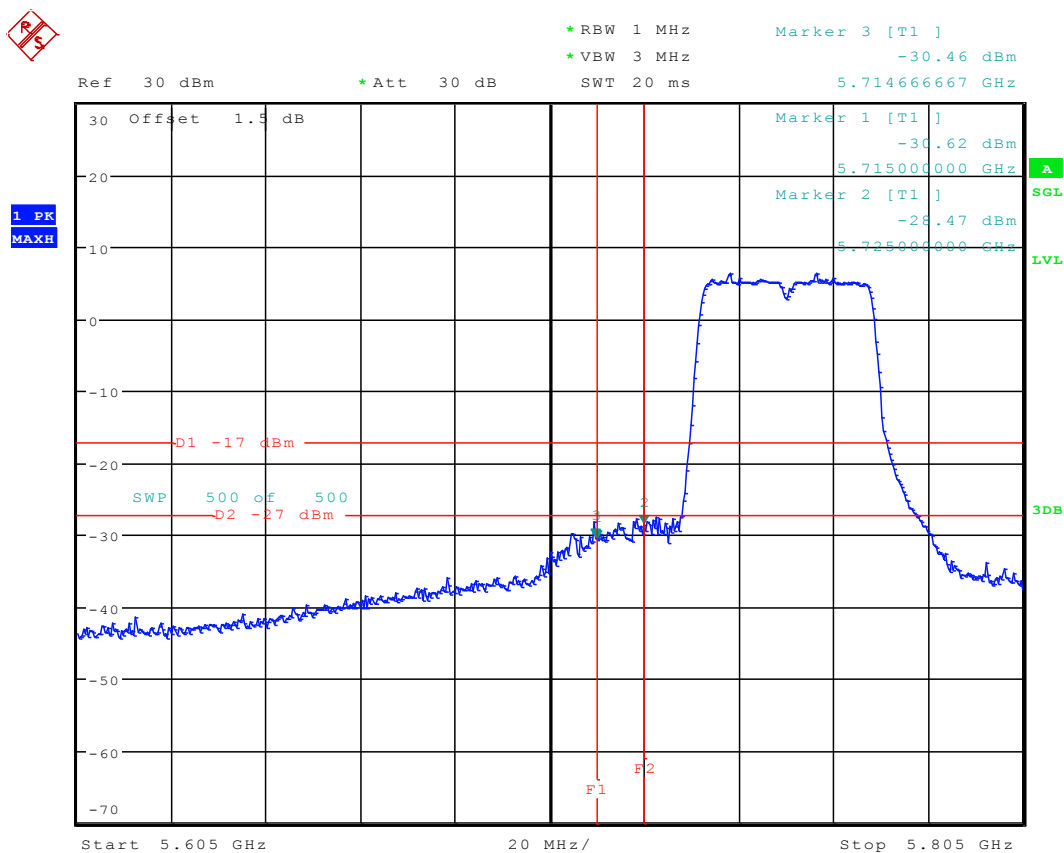
Date: 7.DEC.2016 16:47:23

12.38 11AC40_134 Ant 1



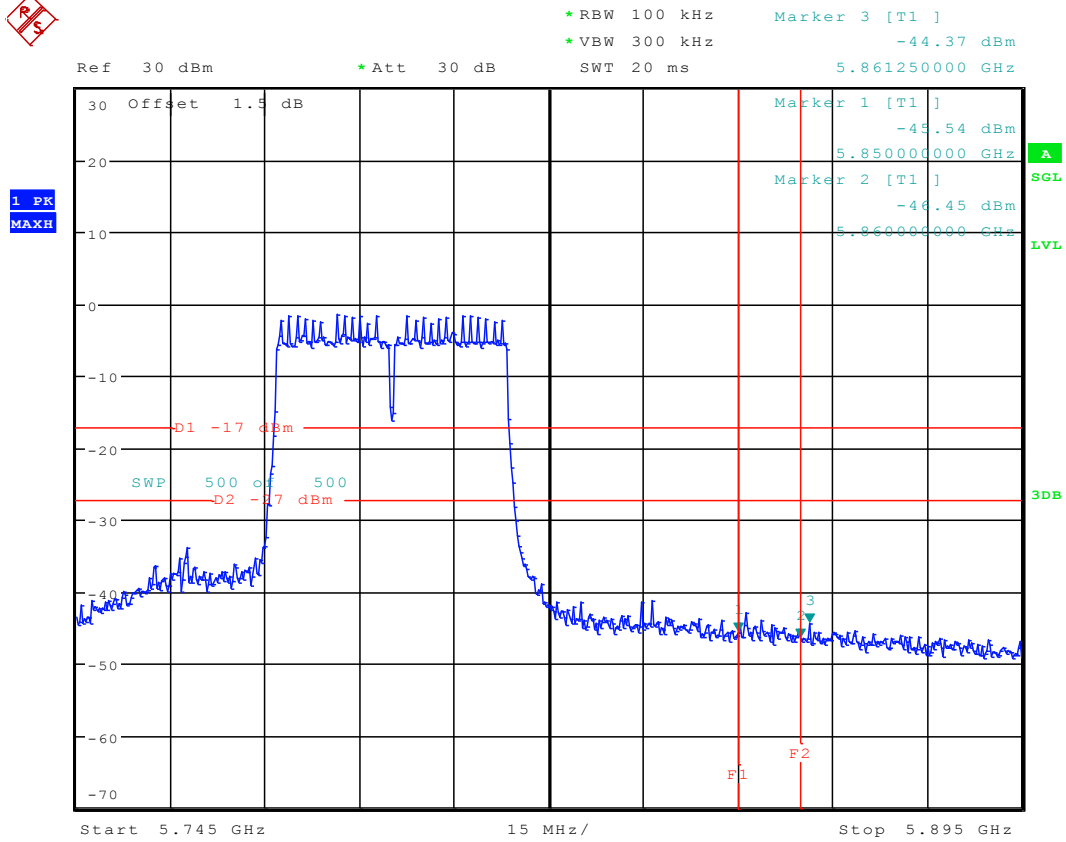
Date: 5.DEC.2016 17:29:09

12.39 11AC40_151 Ant 1



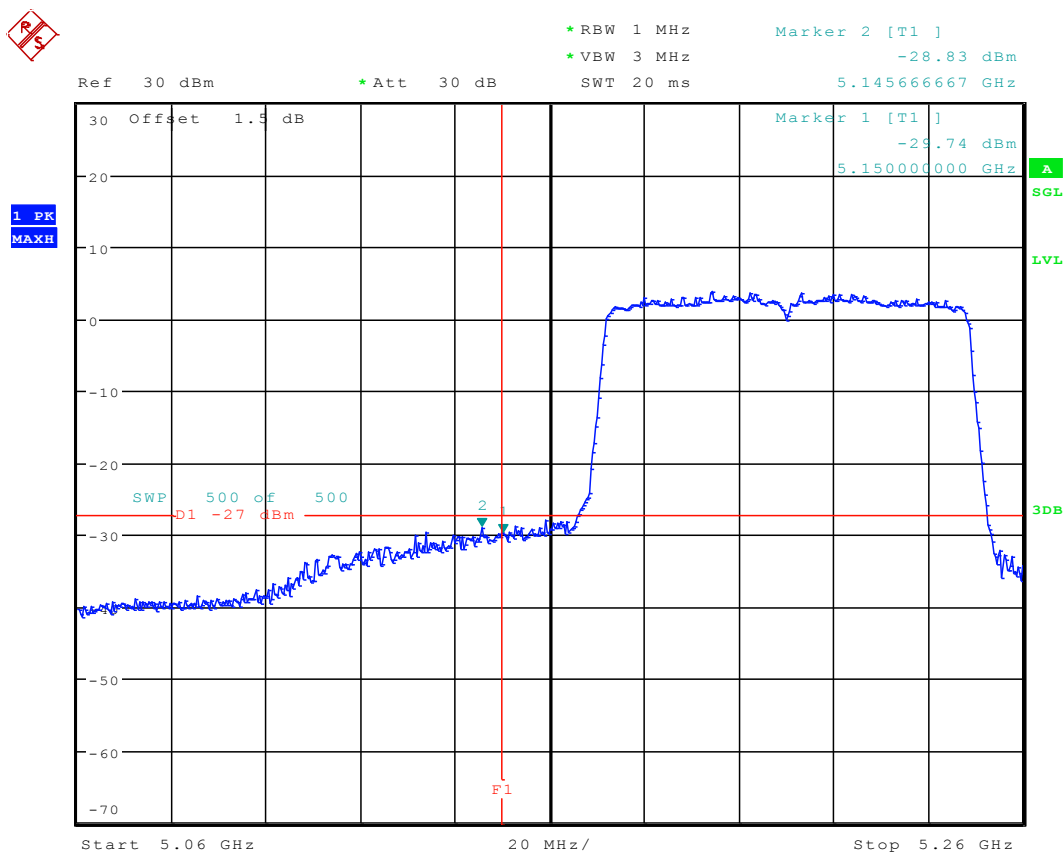
Date: 7.DEC.2016 17:01:44

12.40 11AC40_159 Ant 1



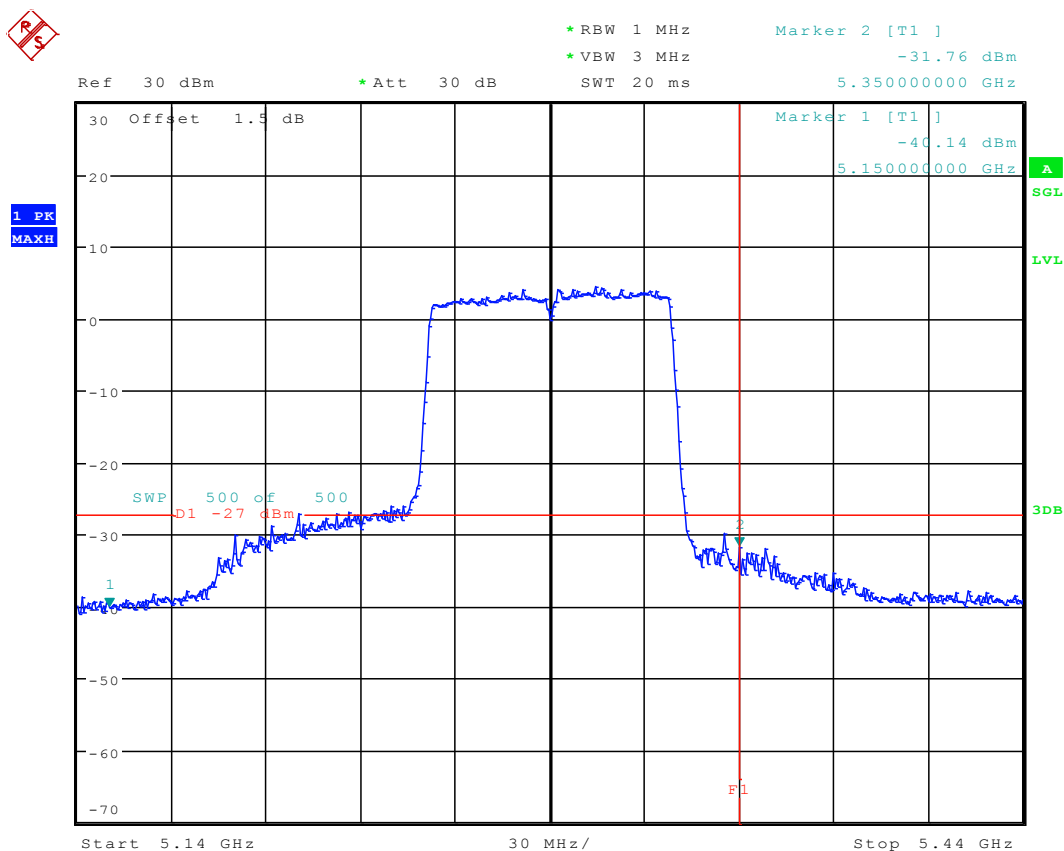
Date: 5.DEC.2016 17:40:15

12.41 11AC80_42 Ant 1



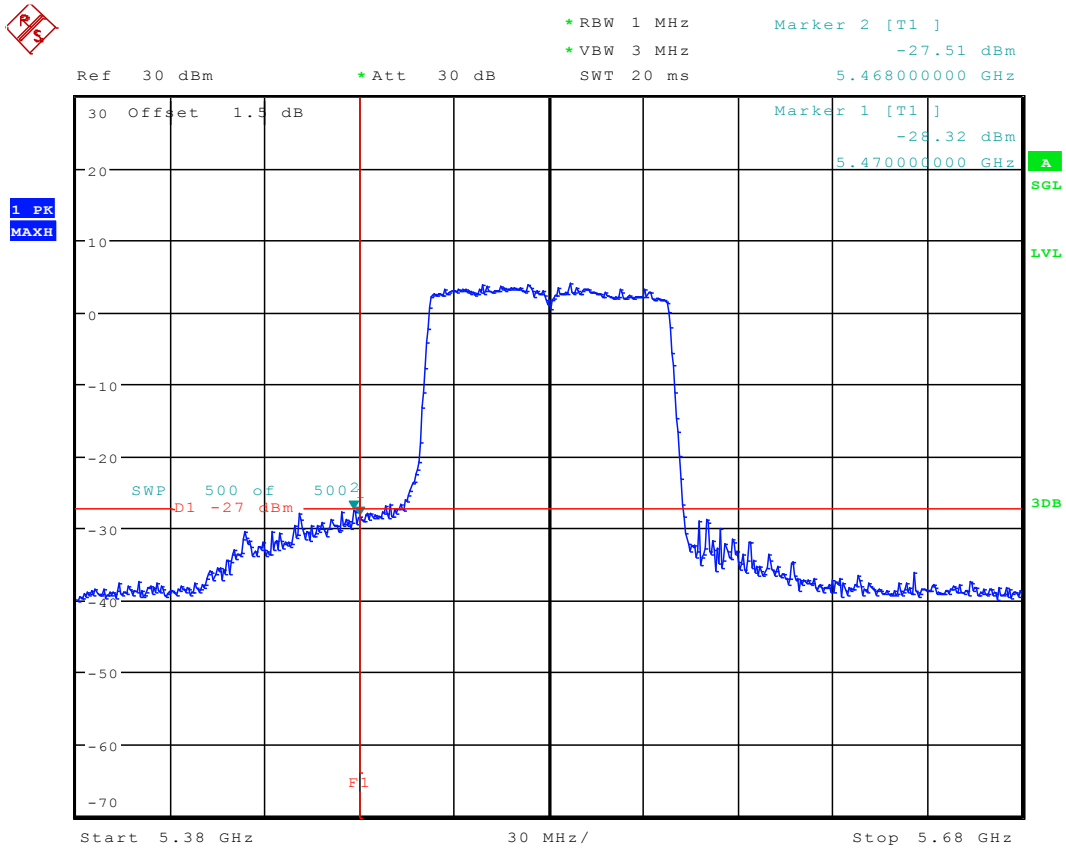
Date: 5.DEC.2016 17:54:48

12.42 11AC80_58 Ant 1



Date: 5.DEC.2016 18:02:35

12.43 11AC80_106 Ant 1

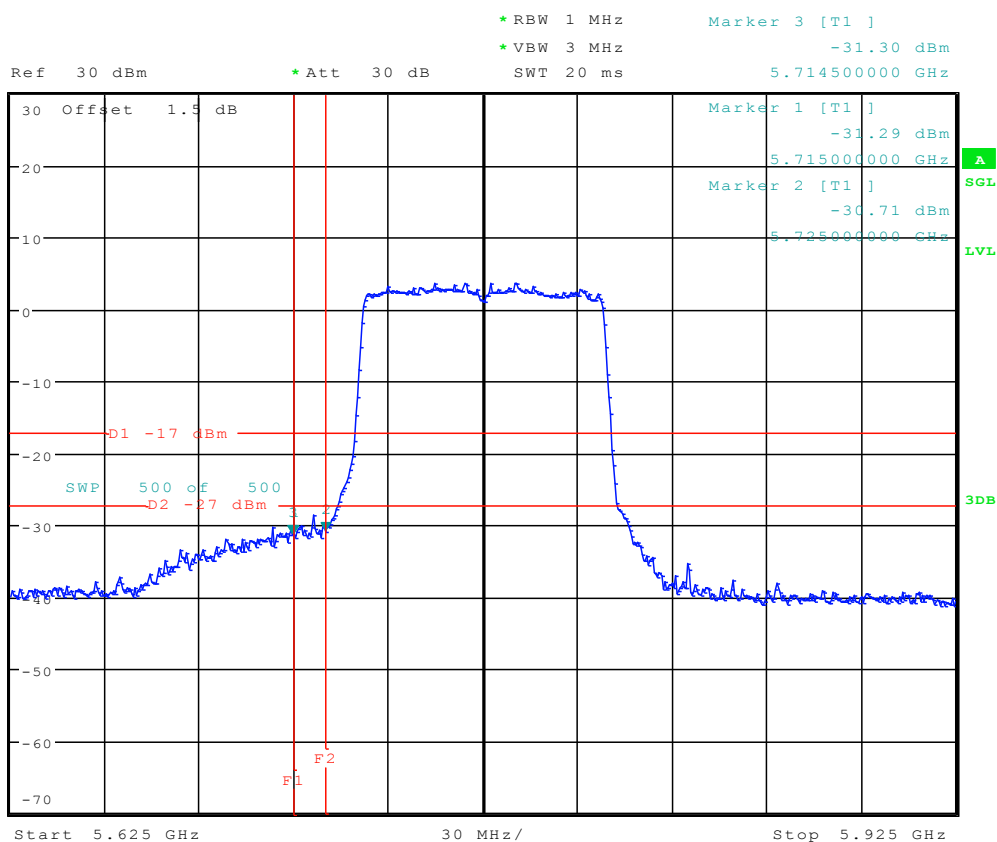


Date: 5.DEC.2016 18:10:09

12.44 11AC80_155 Ant 1



1 PK
MAXH



Date: 7.DEC.2016 17:05:33

Appendix G: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5180
V nom(V)	5180.0030
V max(V)	5180.0065
V min(V)	5180.0066
Max. Deviation Frequency	0.0066
Max. Frequency Error (ppm)	1.3

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5180
-5	5180.0008
5	5180.0099
15	5180.0106
25	5180.0193
35	5180.0093
45	5180.0063
50	5180.0018
Max. Deviation Frequency	0.0193
Max. Frequency Error (ppm)	3.7



Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5825
V nom(V)	5825.0101
V max(V)	5825.0083
V min(V)	5825.0030
Max. Deviation Frequency	0.0101
Max. Frequency Error (ppm)	1.7

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5825
-5	5825.0189
5	5825.0103
15	5825.0163
25	5825.0141
35	5825.0145
45	5825.0138
50	5825.0020
Max. Deviation Frequency	0.0189
Max. Frequency Error (ppm)	3.2

SEND