



Appendix A U-NII: Emission Bandwidth

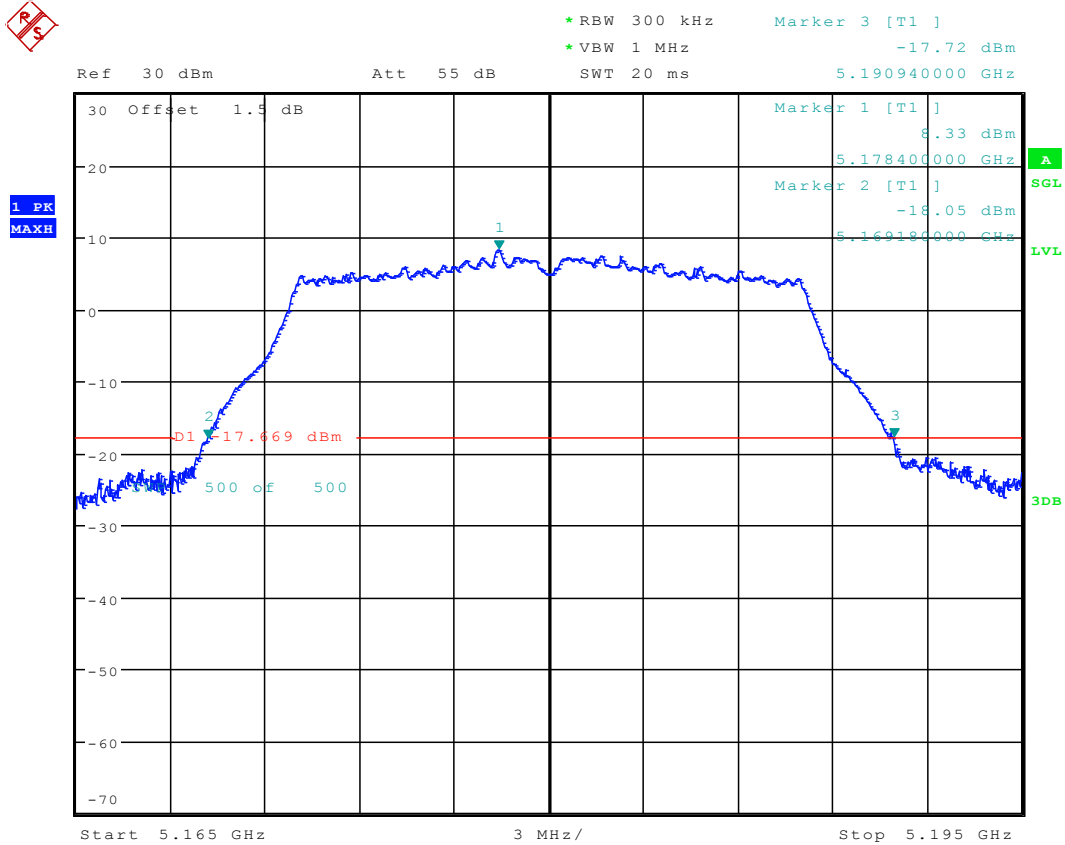
1 (EBW)Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	26dB Emission Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	21.76	pass
	48	5240	Ant 1	21.58	pass
	52	5260	Ant 1	21.86	pass
	64	5320	Ant 1	21.82	pass
	100	5500	Ant 1	21.70	pass
	140	5700	Ant 1	21.76	pass
11N20	36	5180	Ant 1	22.04	pass
	48	5240	Ant 1	22.02	pass
	52	5260	Ant 1	22.12	pass
	64	5320	Ant 1	21.98	pass
	100	5500	Ant 1	22.00	pass
	140	5700	Ant 1	22.14	pass
11N40	38	5190	Ant 1	40.42	pass
	46	5230	Ant 1	40.46	pass
	54	5270	Ant 1	40.52	pass
	62	5310	Ant 1	40.36	pass
	102	5510	Ant 1	40.68	pass
	134	5670	Ant 1	40.52	pass
11AC20	36	5180	Ant 1	22.04	pass
	48	5240	Ant 1	22.04	pass
	52	5260	Ant 1	21.94	pass
	64	5320	Ant 1	22.04	pass
	100	5500	Ant 1	22.08	pass
	140	5700	Ant 1	22.20	pass
11AC40	38	5190	Ant 1	40.54	pass
	46	5230	Ant 1	40.64	pass
	54	5270	Ant 1	40.42	pass
	62	5310	Ant 1	40.62	pass
	102	5510	Ant 1	40.56	pass
	134	5670	Ant 1	40.58	pass
11AC80	42	5210	Ant 1	82.45	pass
	58	5290	Ant 1	82.45	pass
	106	5530	Ant 1	82.61	pass

Test Mode	Test Channel	Frequency [MHz]	Ant	6dB Emission Bandwidth [MHz]	Verdict
11A	149	5745	Ant 1	16.36	pass
	165	5825	Ant 1	16.34	pass
11N20	149	5745	Ant 1	17.56	pass
	165	5825	Ant 1	17.56	pass
11N40	151	5755	Ant 1	36.32	pass
	159	5795	Ant 1	36.08	pass
11AC20	149	5745	Ant 1	17.58	pass
	165	5825	Ant 1	17.58	pass
11AC40	151	5755	Ant 1	35.84	pass
	159	5795	Ant 1	35.82	pass
11AC80	155	5775	Ant 1	75.25	pass

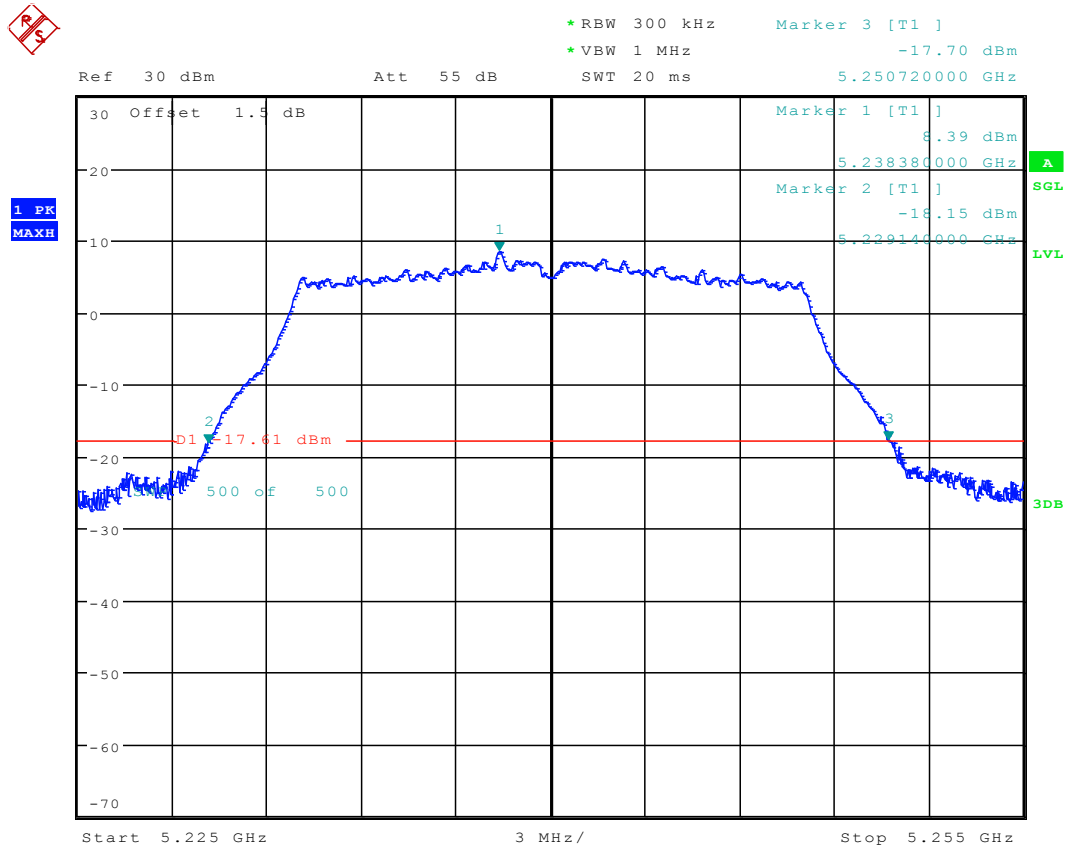
2 Test Plot for 26dBEmission Bandwidth

2.1 11A_36 Ant 1



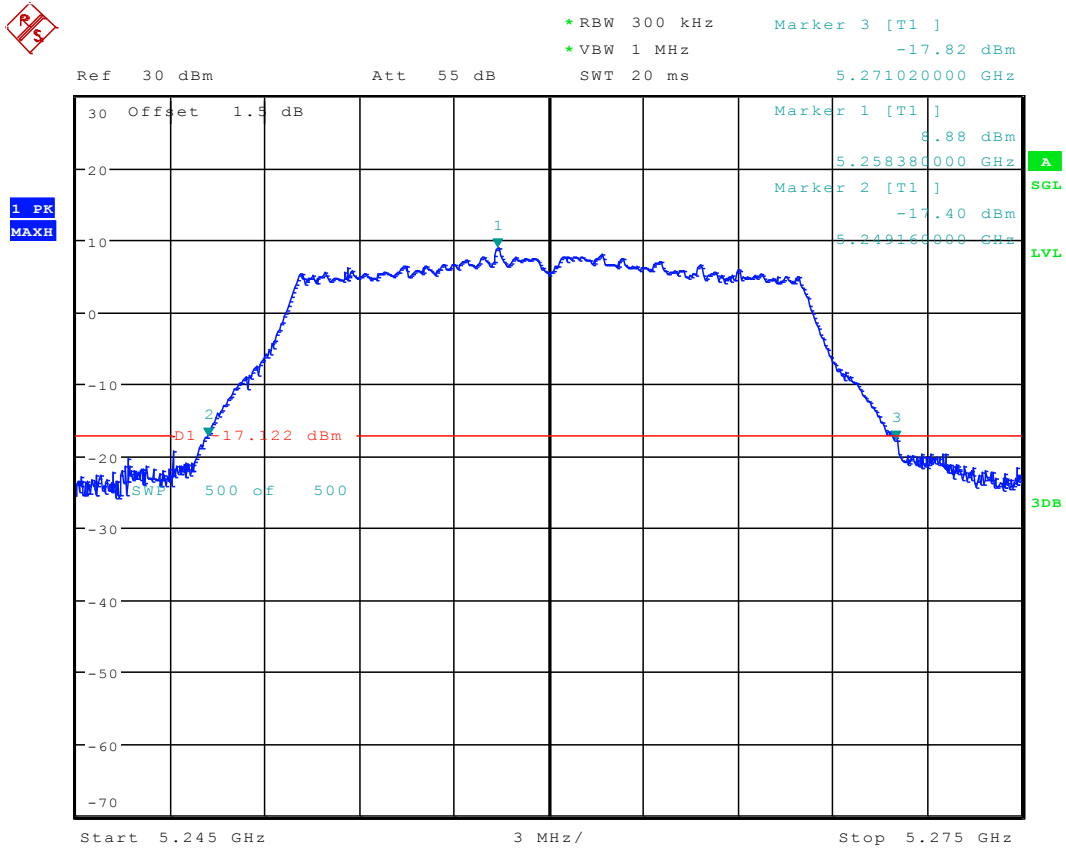
Date: 30.JAN.2016 11:02:06

2.2 11A_48 Ant 1



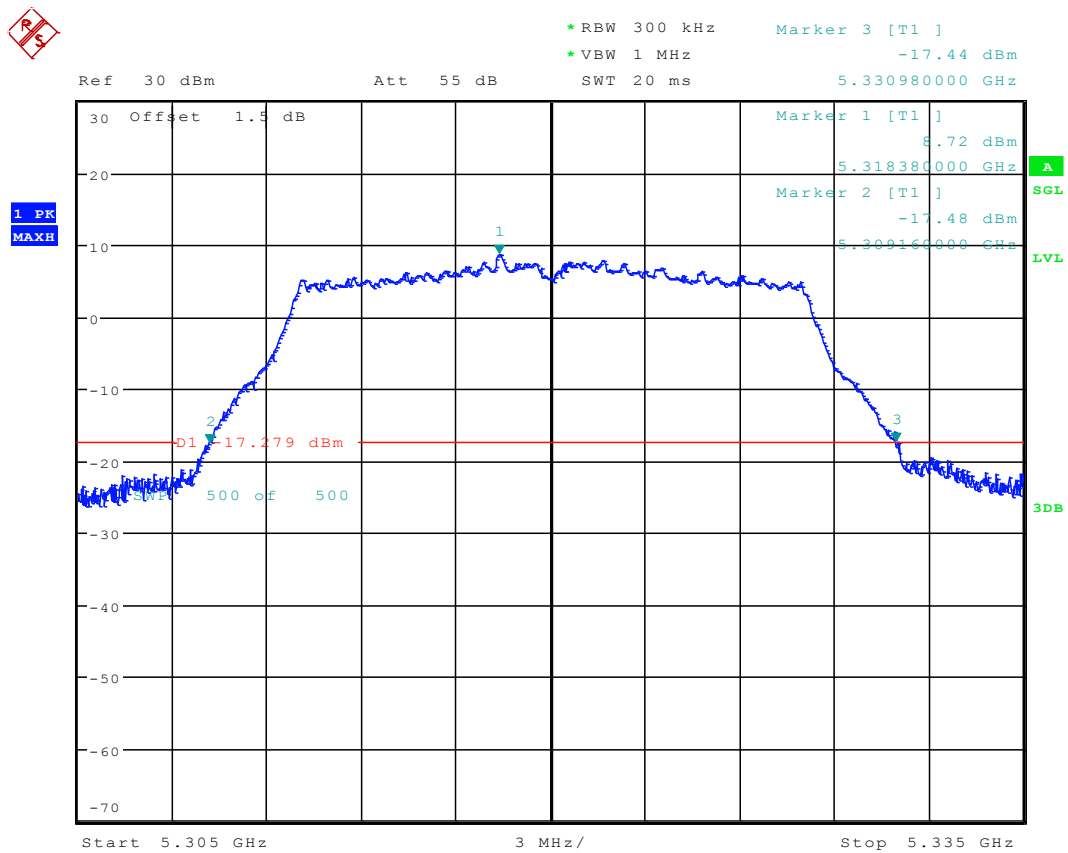
Date: 30.JAN.2016 11:06:53

2.3 11A_52 Ant 1



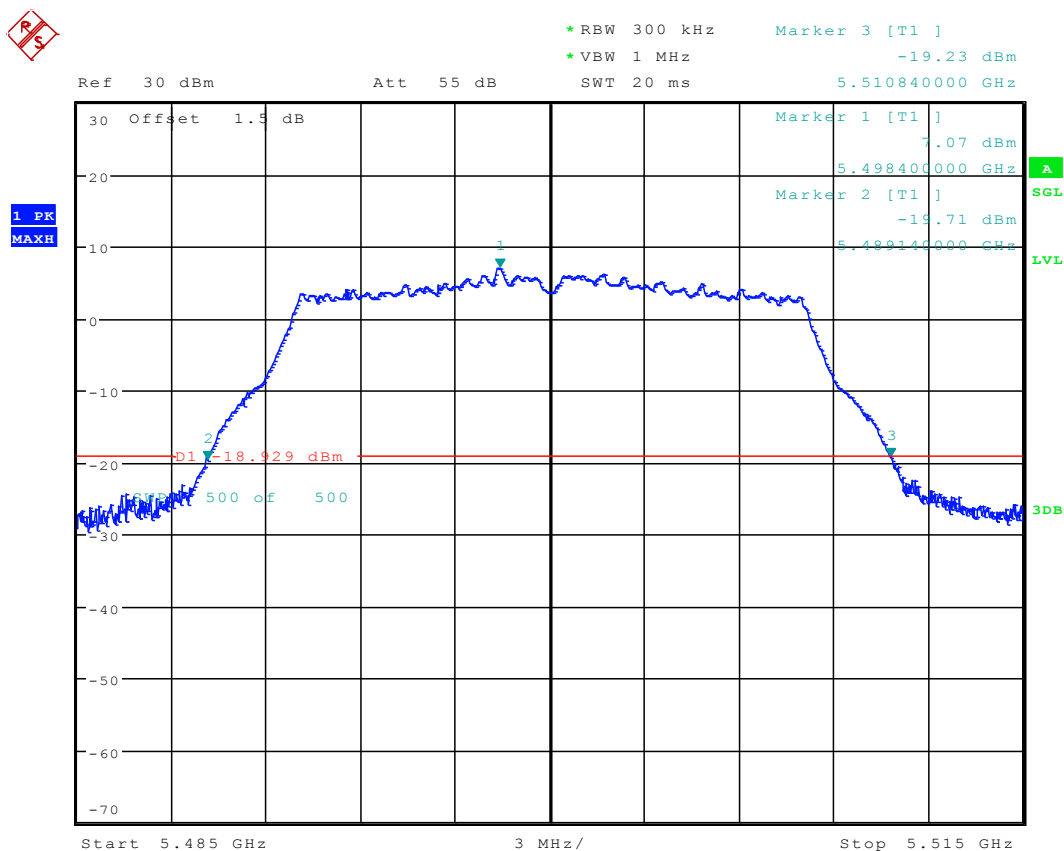
Date: 30.JAN.2016 11:14:49

2.4 11A_64 Ant 1



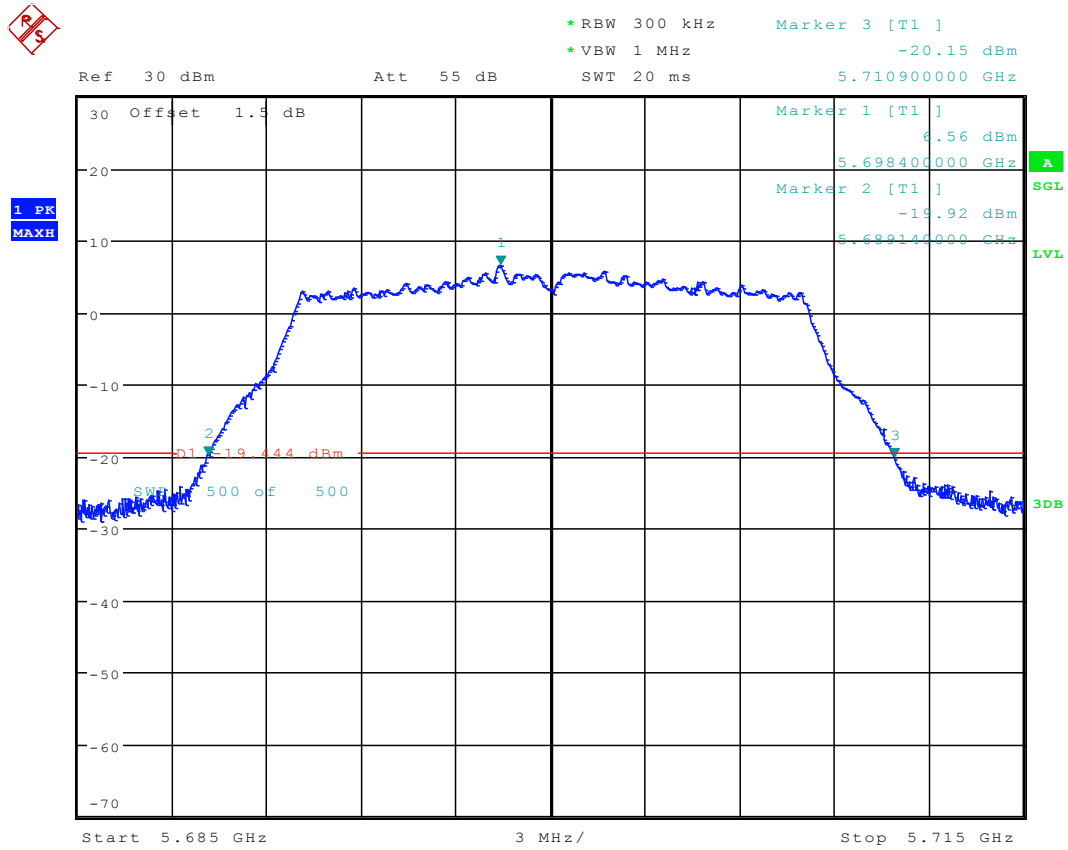
Date: 30.JAN.2016 11:19:42

2.5 11A_100 Ant 1



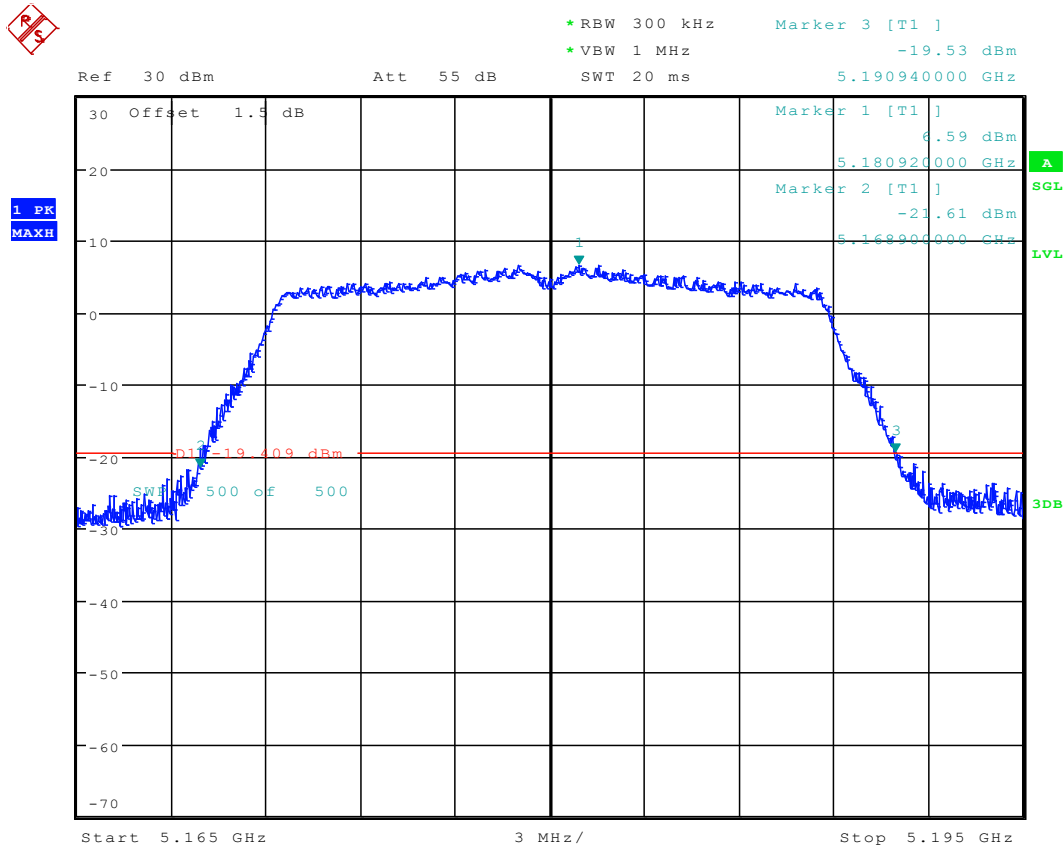
Date: 11.MAR.2016 16:24:41

2.6 11A_140 Ant 1



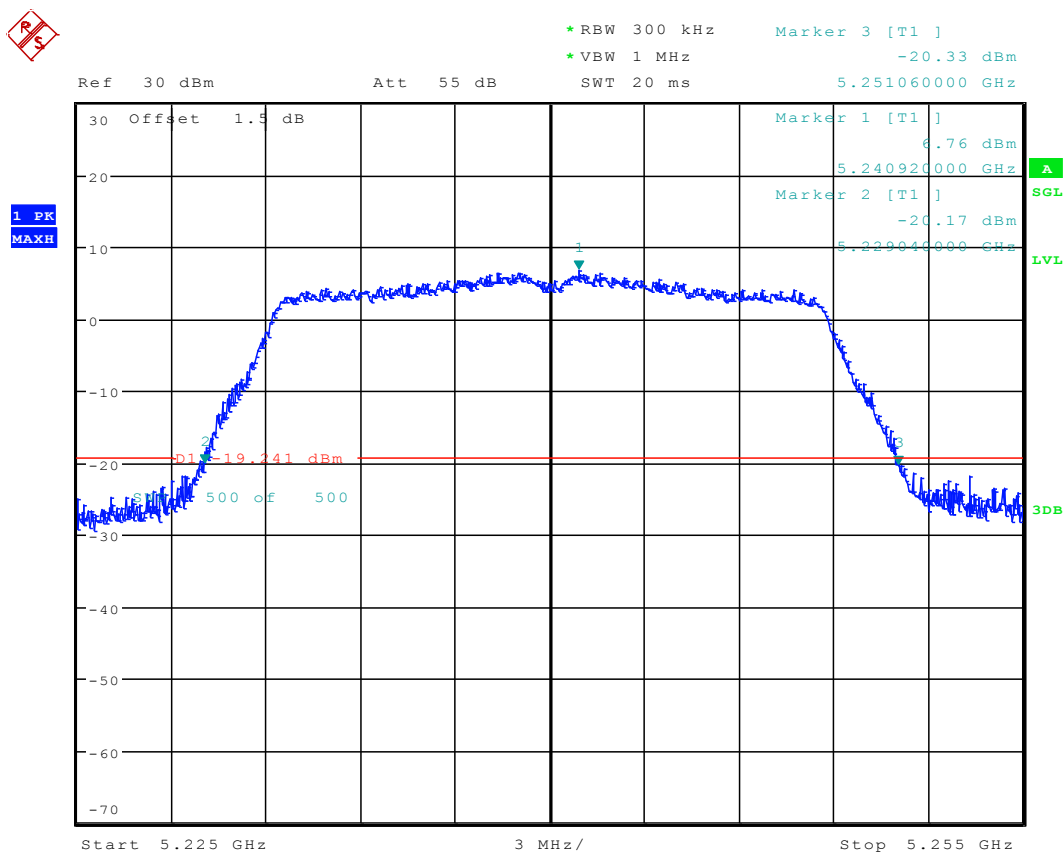
Date: 11.MAR.2016 16:32:51

2.7 11N20_36 Ant 1



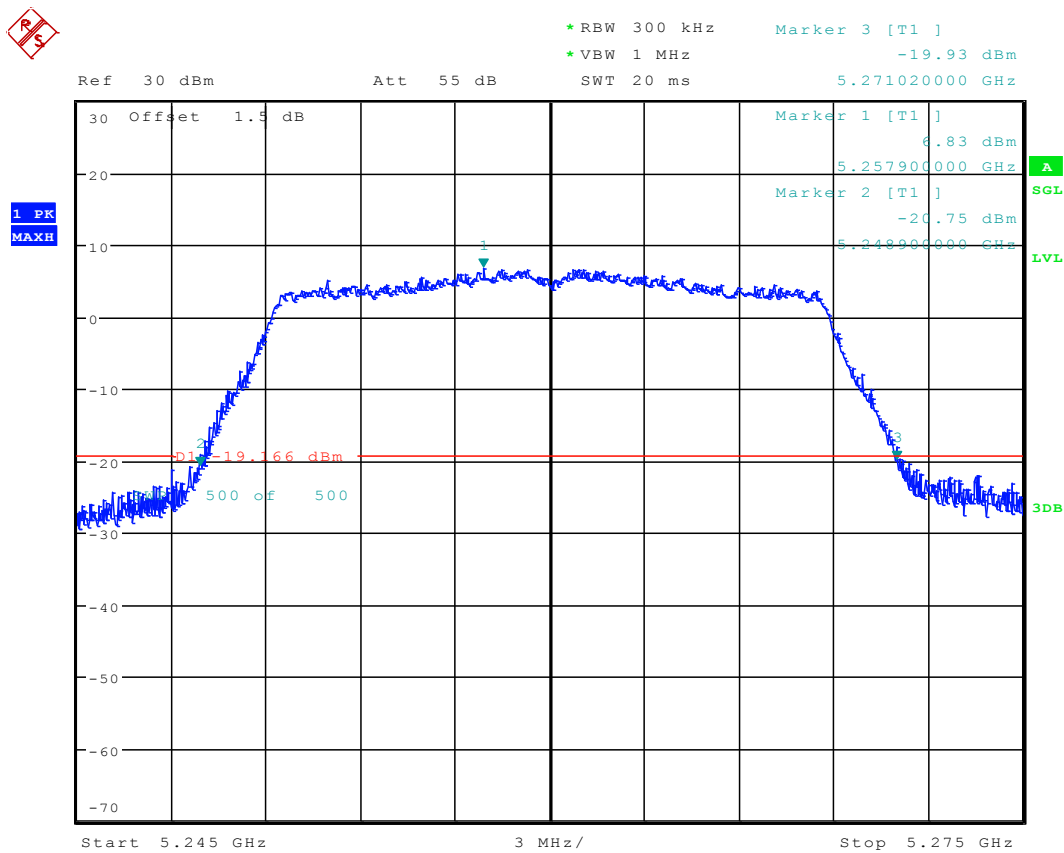
Date: 30.JAN.2016 12:04:39

2.8 11N20_48 Ant 1



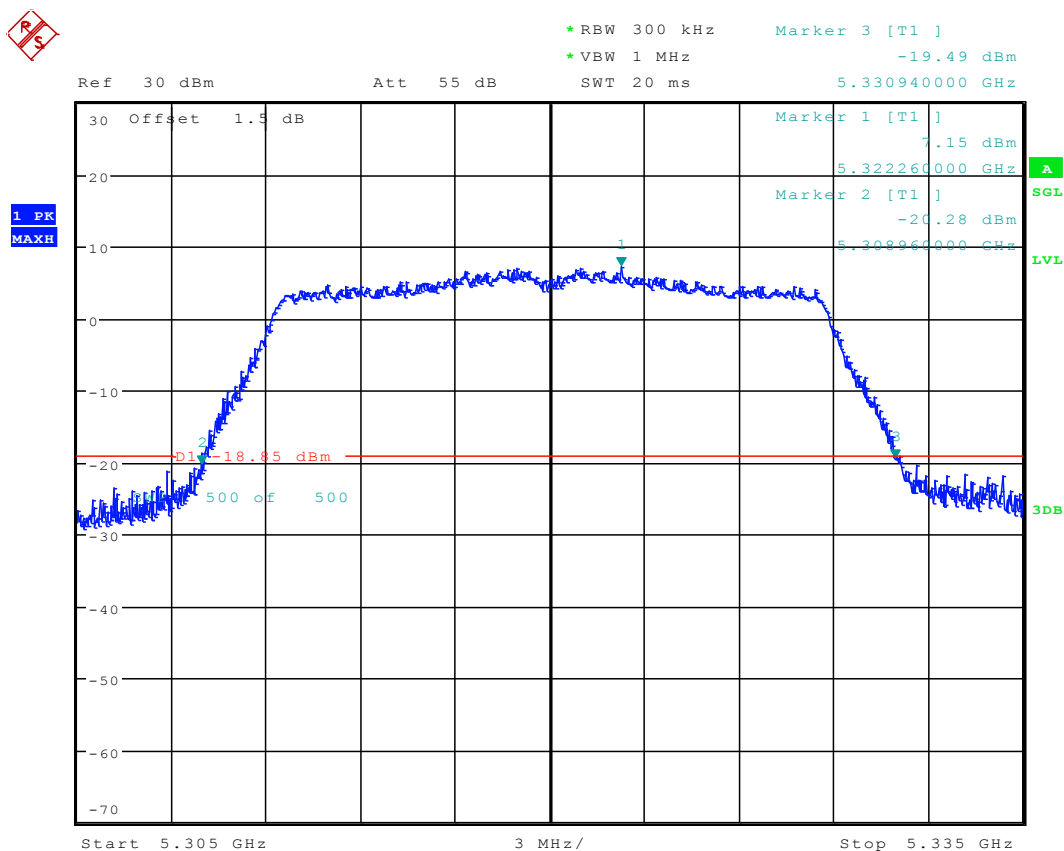
Date: 30.JAN.2016 12:15:28

2.9 11N20_52 Ant 1



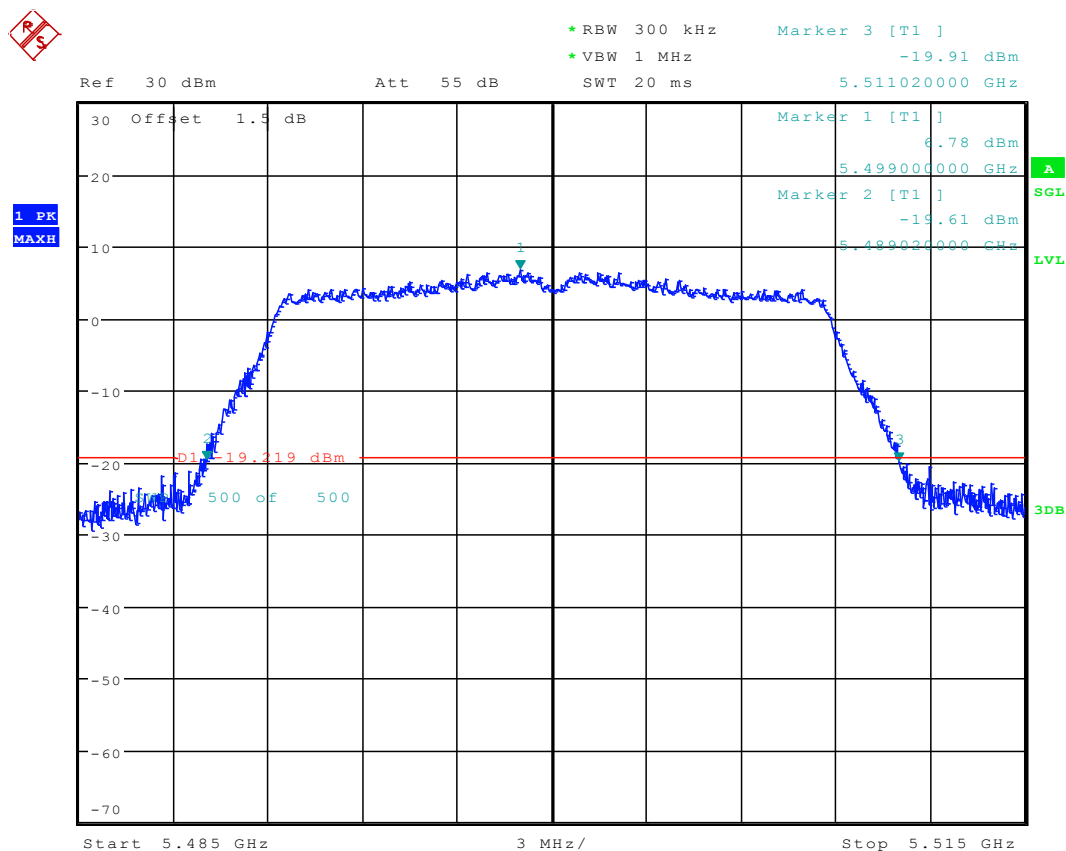
Date: 30.JAN.2016 12:27:00

2.10 11N20_64 Ant 1



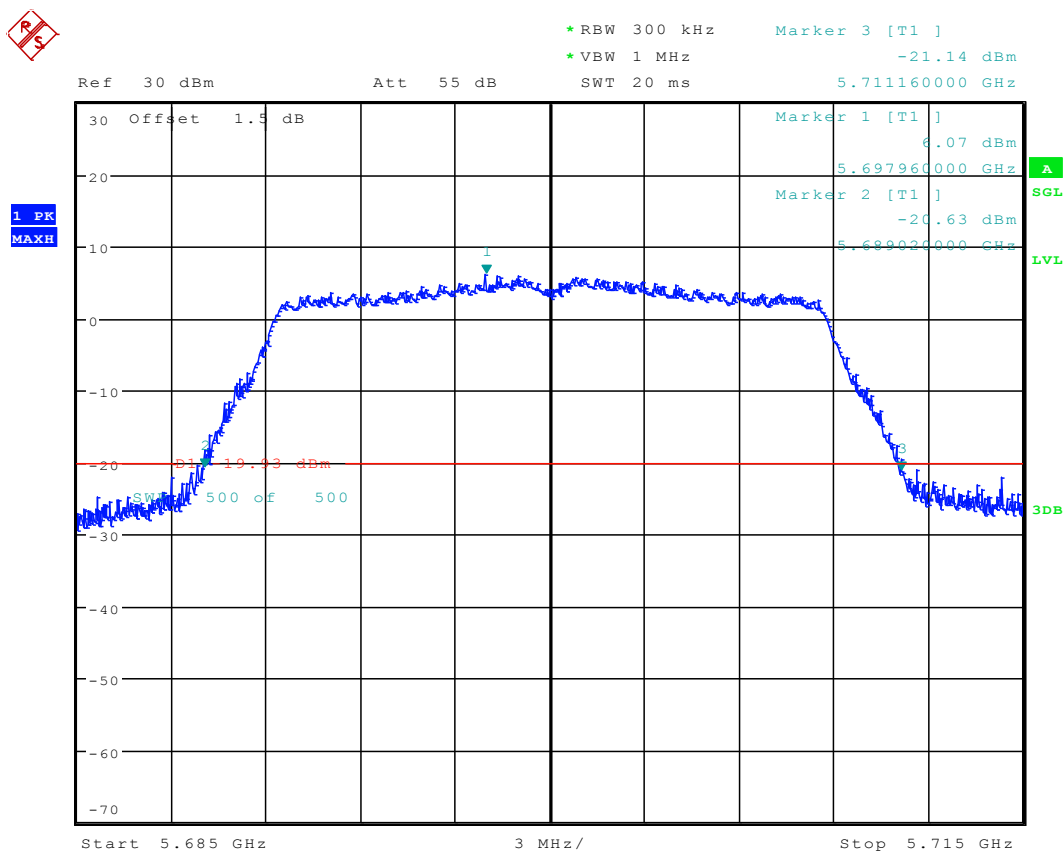
Date: 30.JAN.2016 12:32:14

2.11 11N20_100 Ant 1



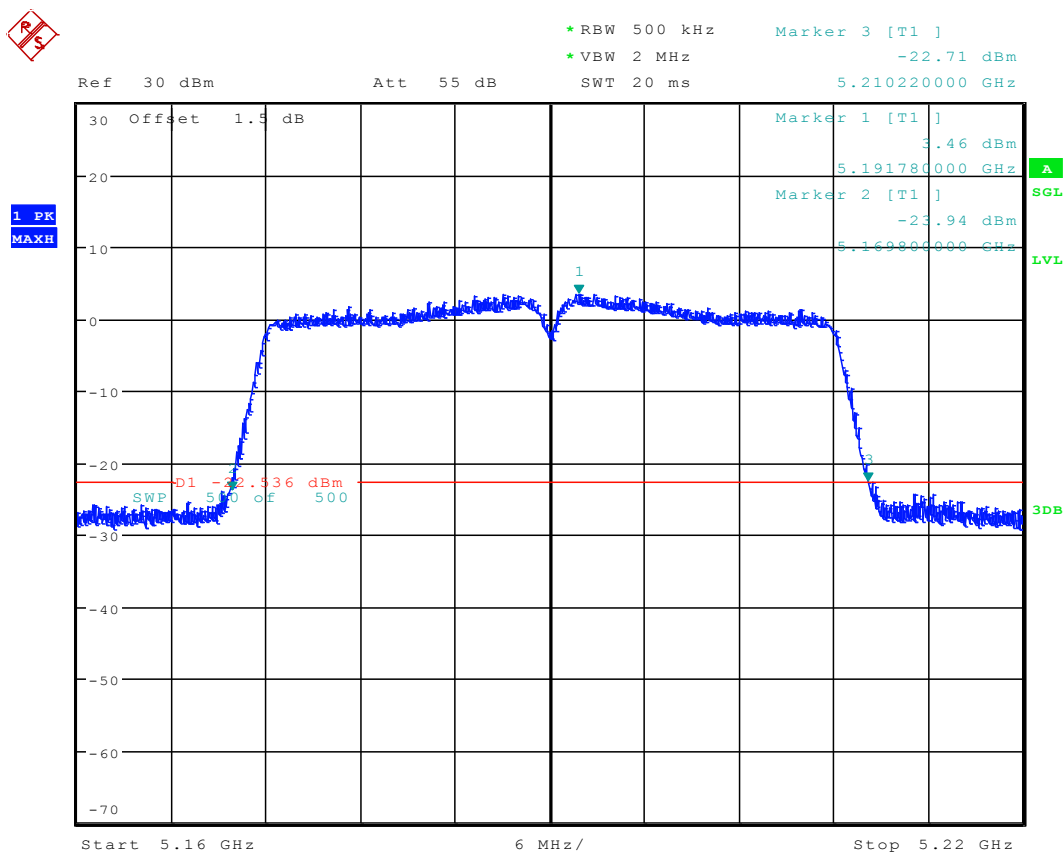
Date: 11.MAR.2016 16:39:13

2.12 11N20_140 Ant 1



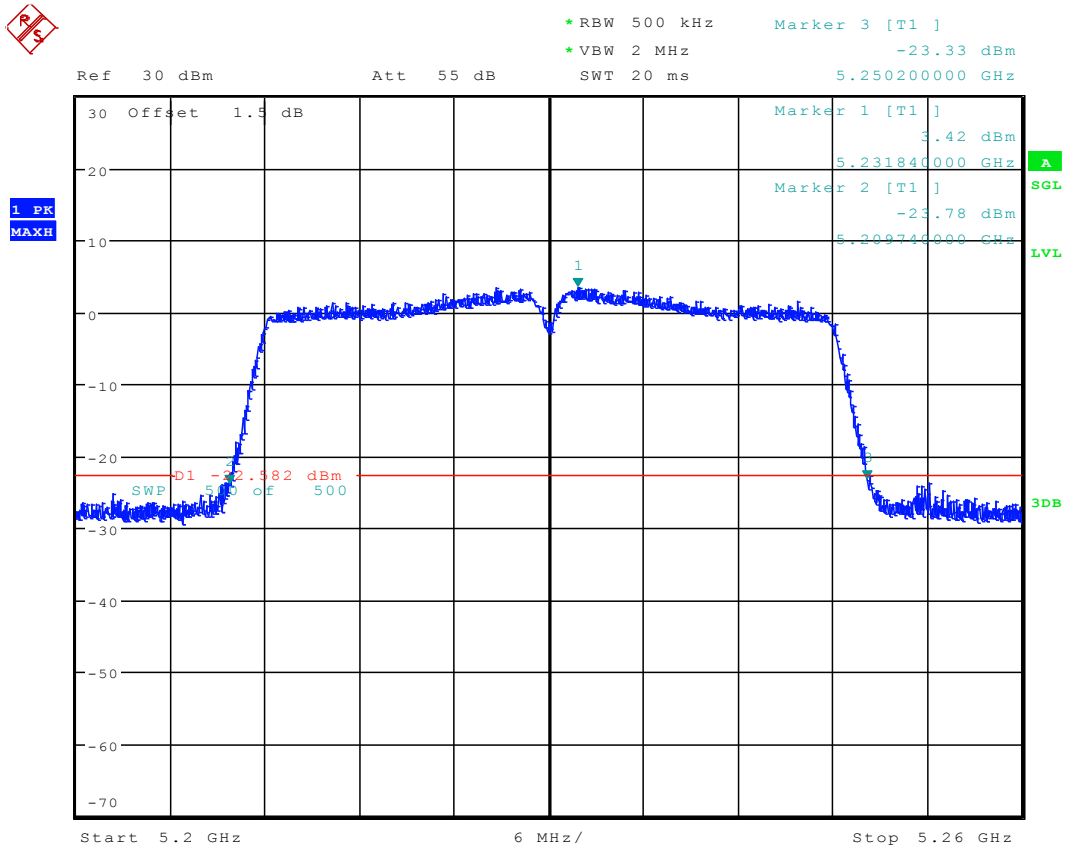
Date: 11.MAR.2016 16:50:22

2.13 11N40_38 Ant 1



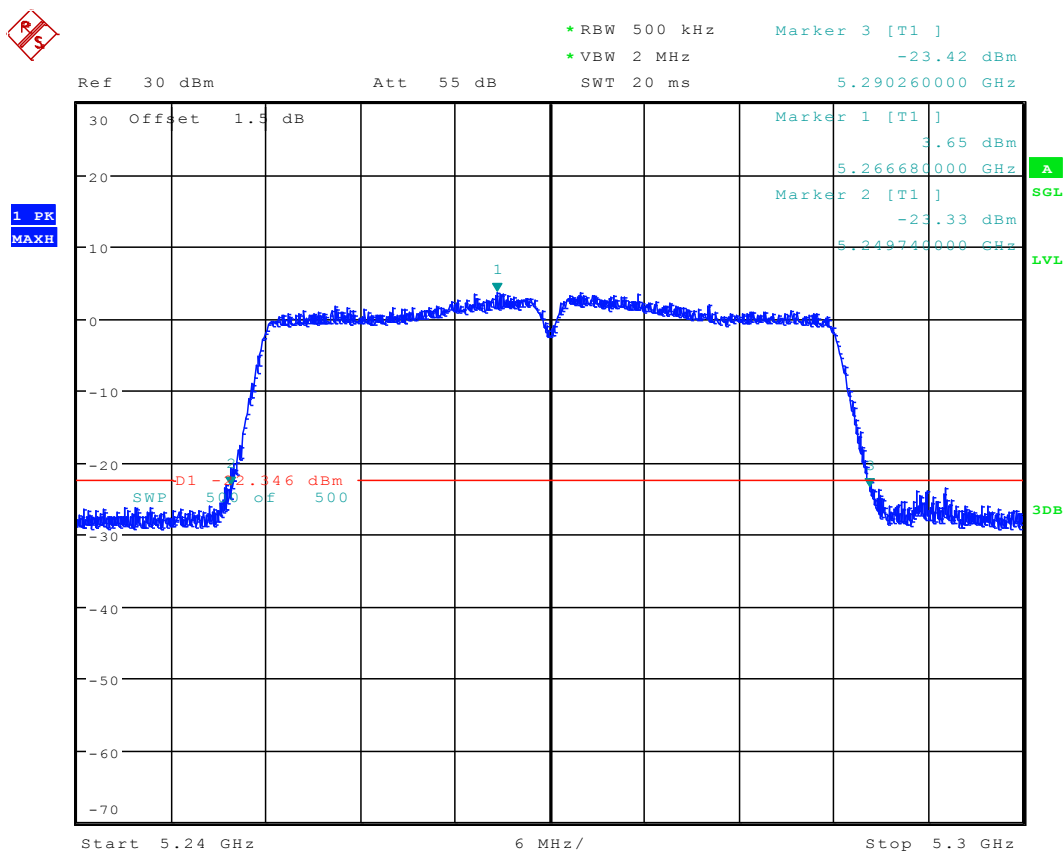
Date: 1.FEB.2016 16:54:57

2.14 11N40_46 Ant 1



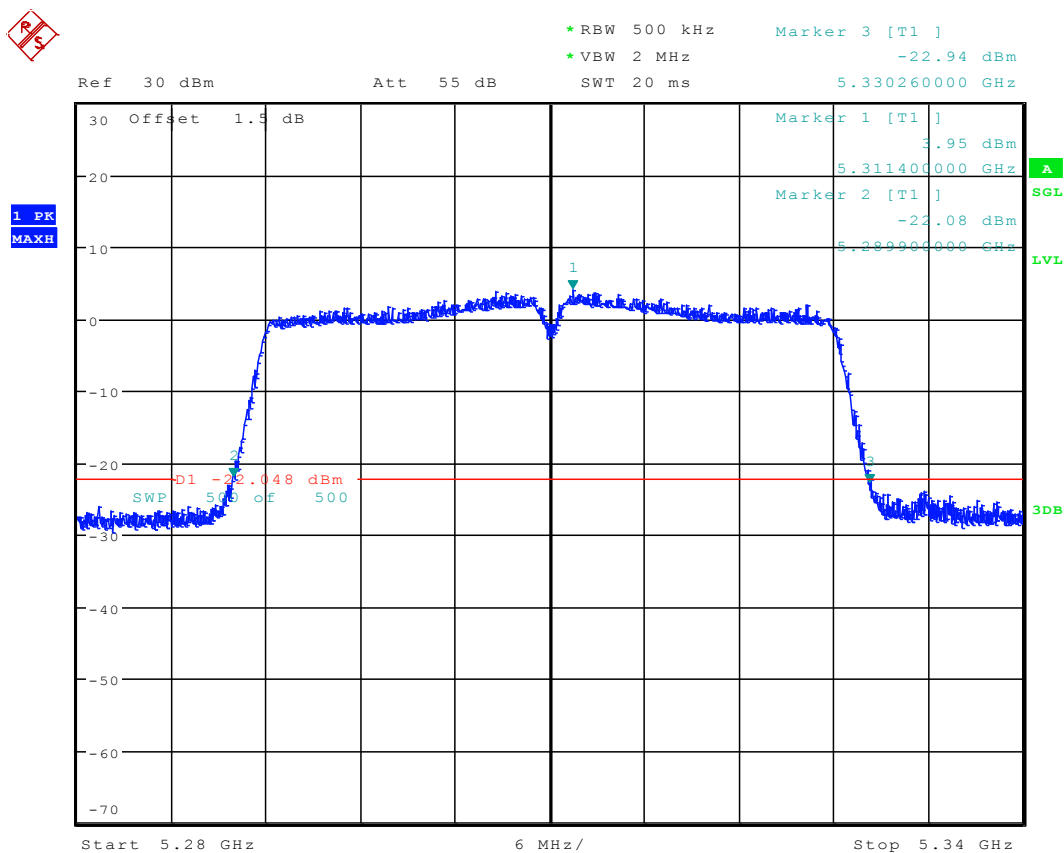
Date: 1.FEB.2016 17:01:03

2.15 11N40_54 Ant 1



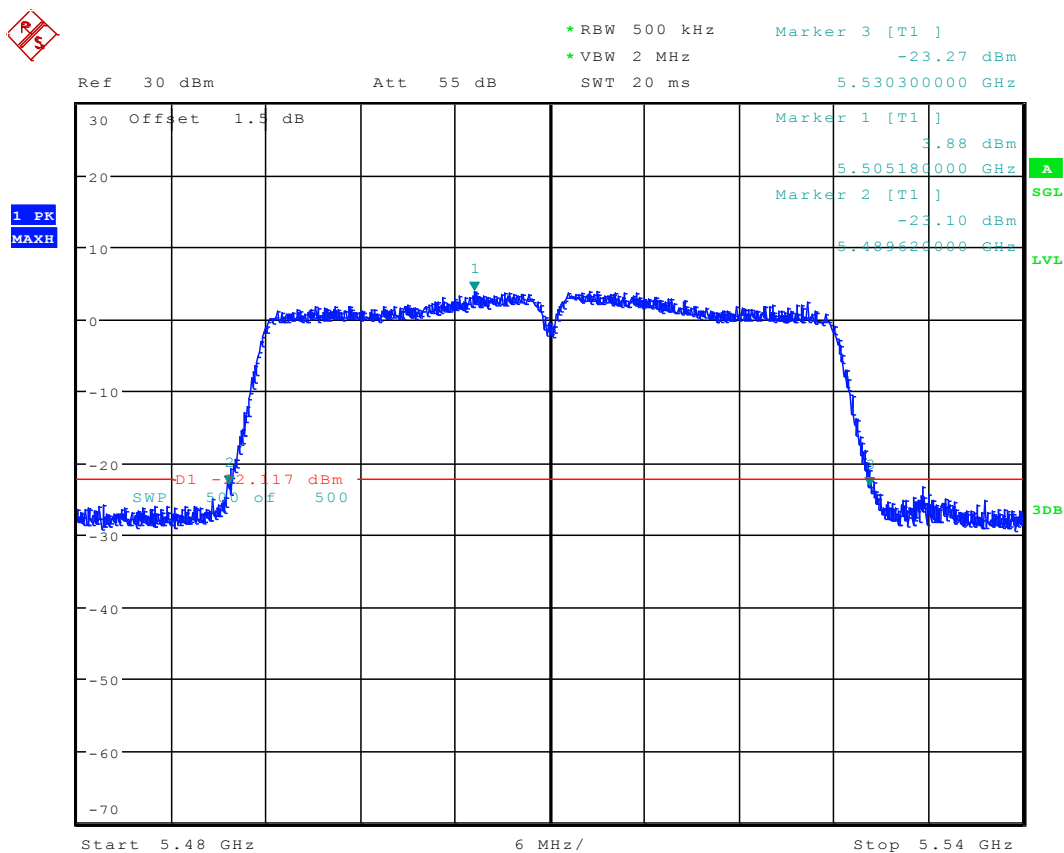
Date: 1.FEB.2016 17:06:29

2.16 11N40_62 Ant 1



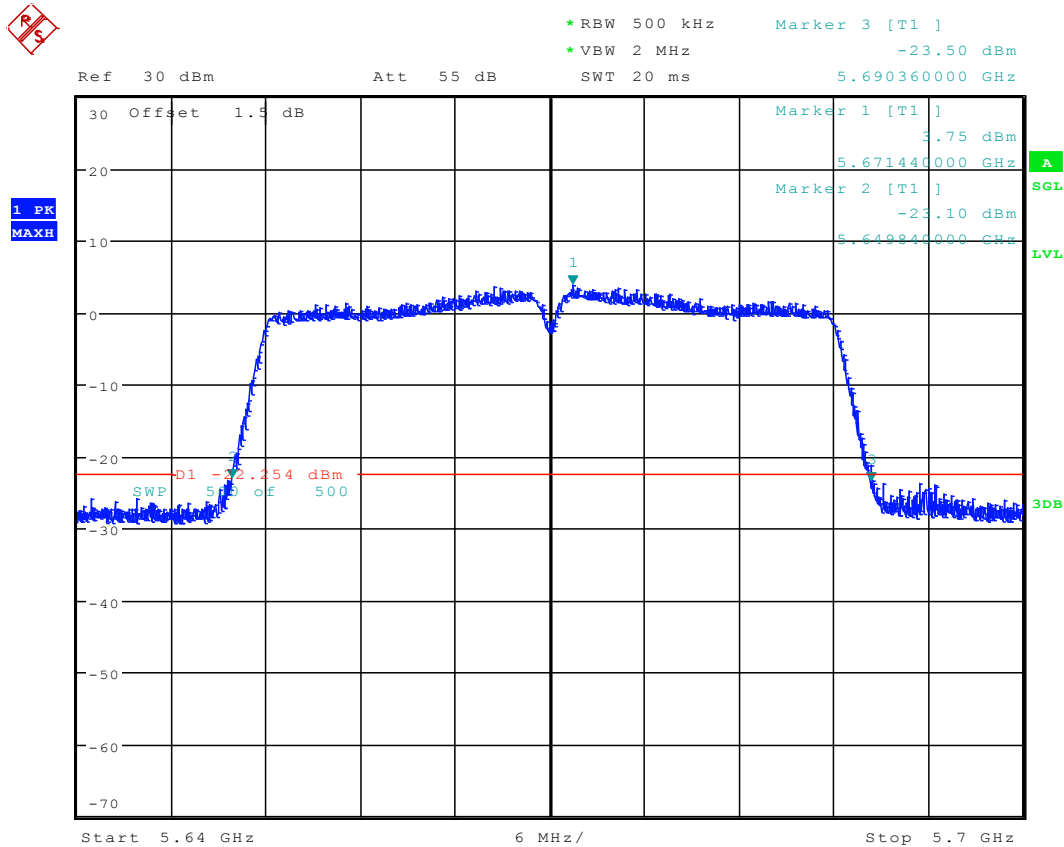
Date: 1.FEB.2016 16:09:30

2.17 11N40_102 Ant 1



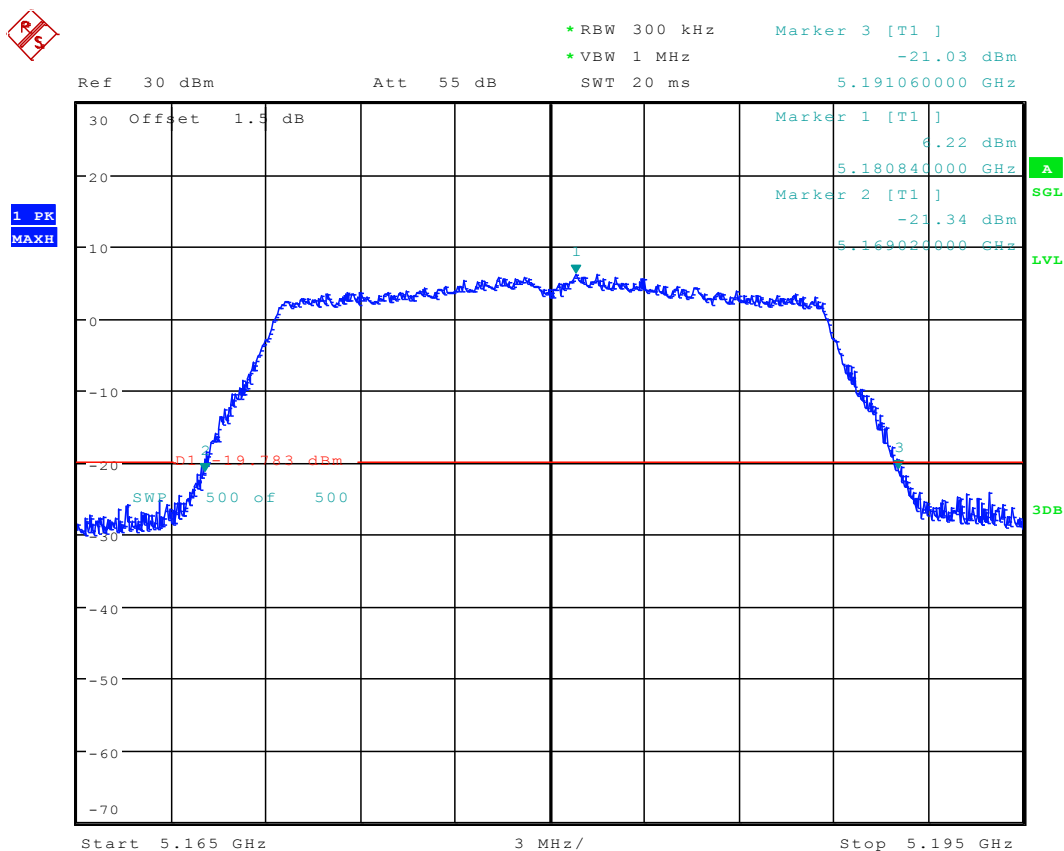
Date: 1.FEB.2016 17:12:02

2.18 11N40_134 Ant 1



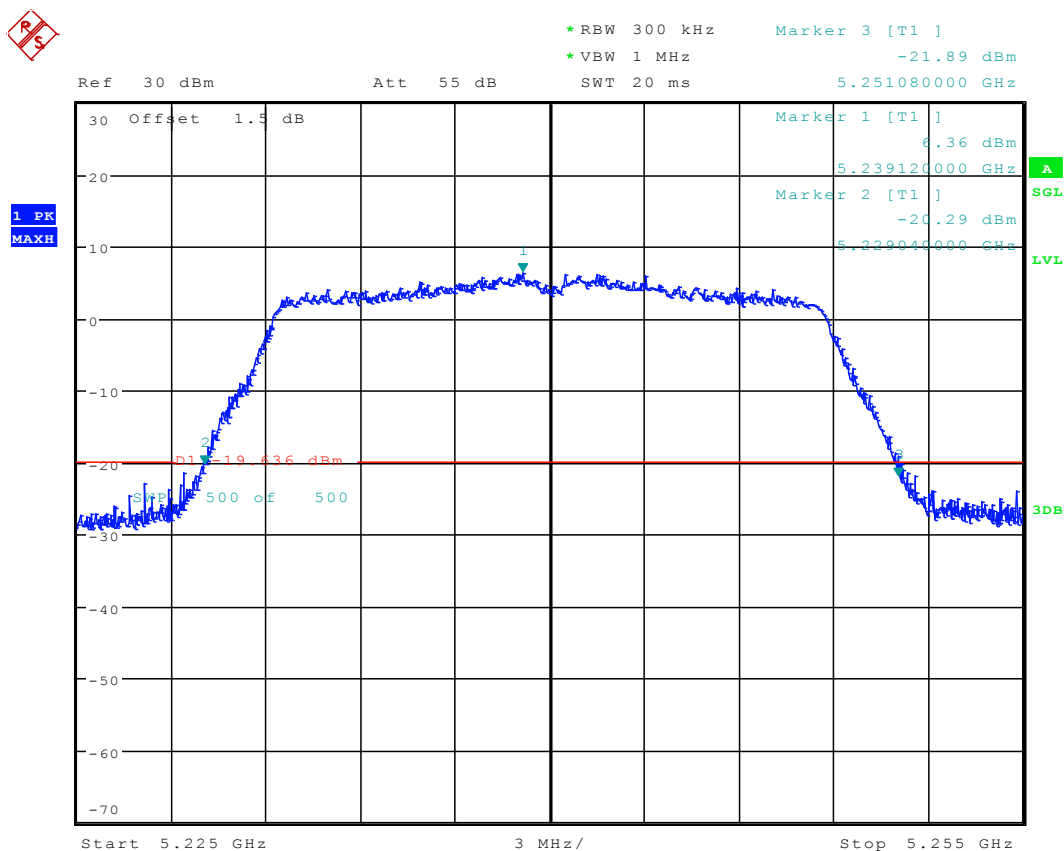
Date: 1.FEB.2016 17:15:10

2.19 11AC20_36 Ant 1



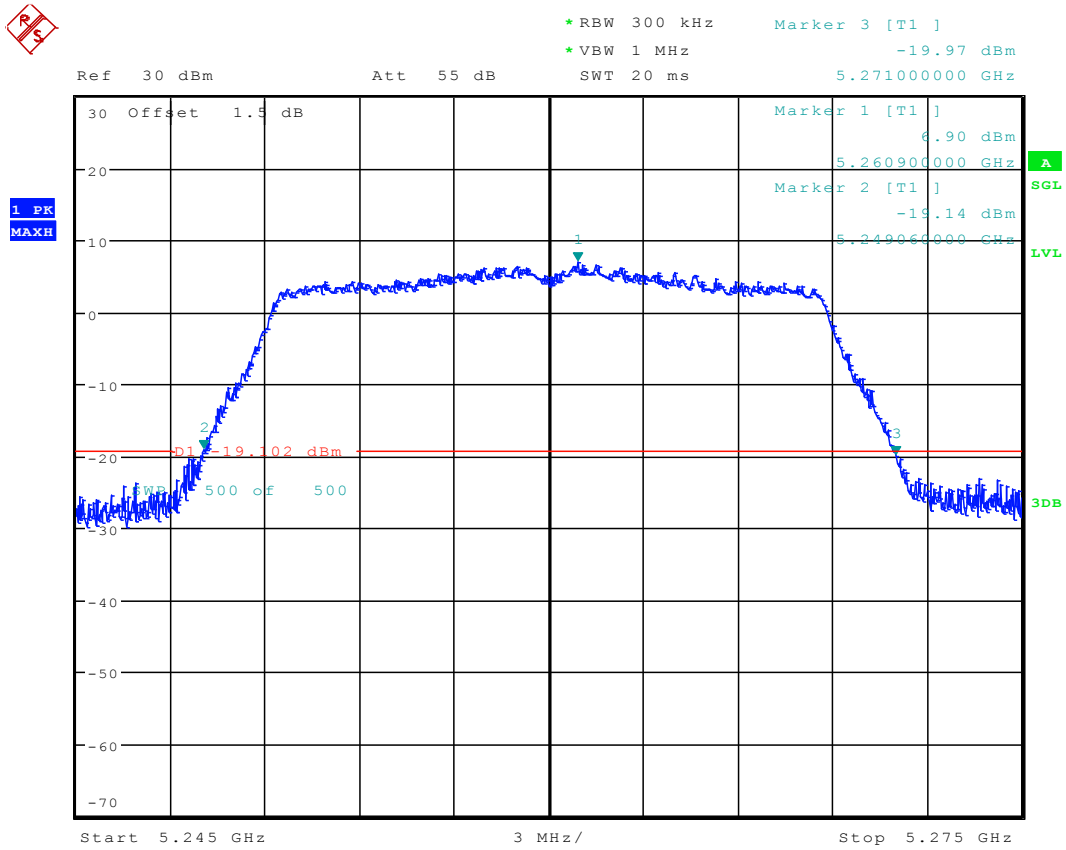
Date: 30.JAN.2016 15:19:58

2.20 11AC20_48 Ant 1



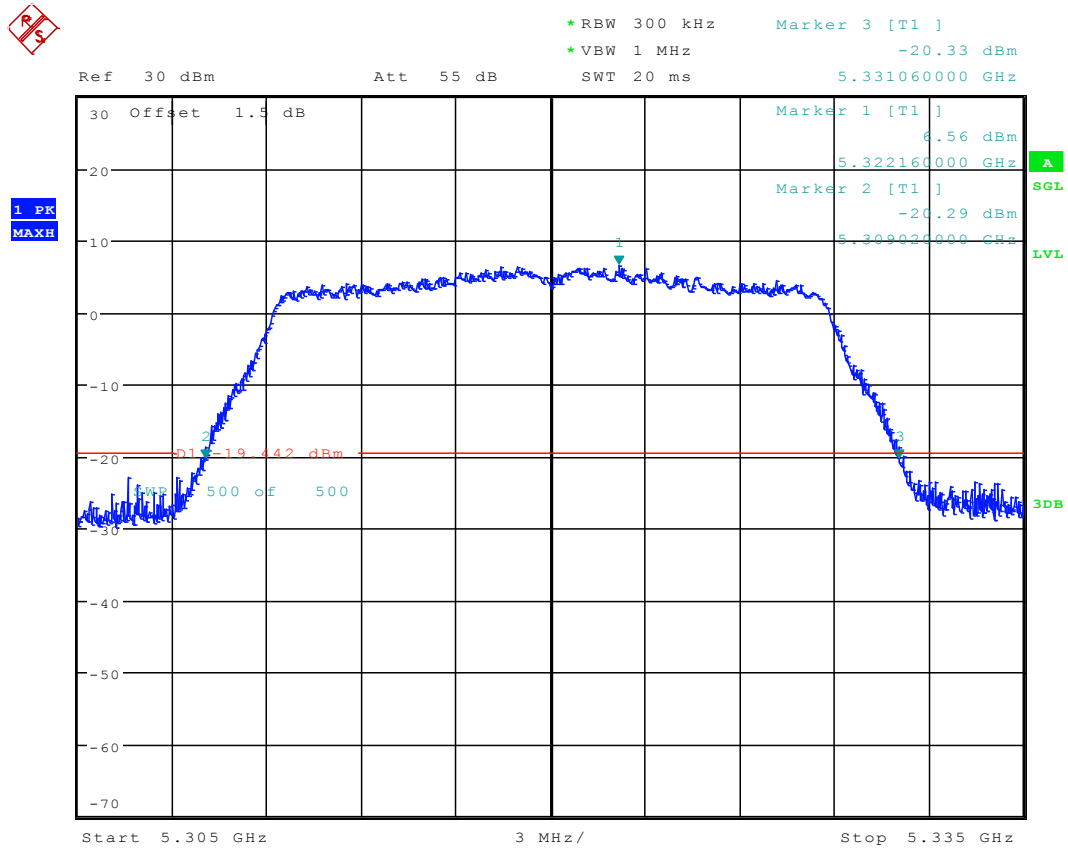
Date: 30.JAN.2016 15:25:21

2.21 11AC20_52 Ant 1



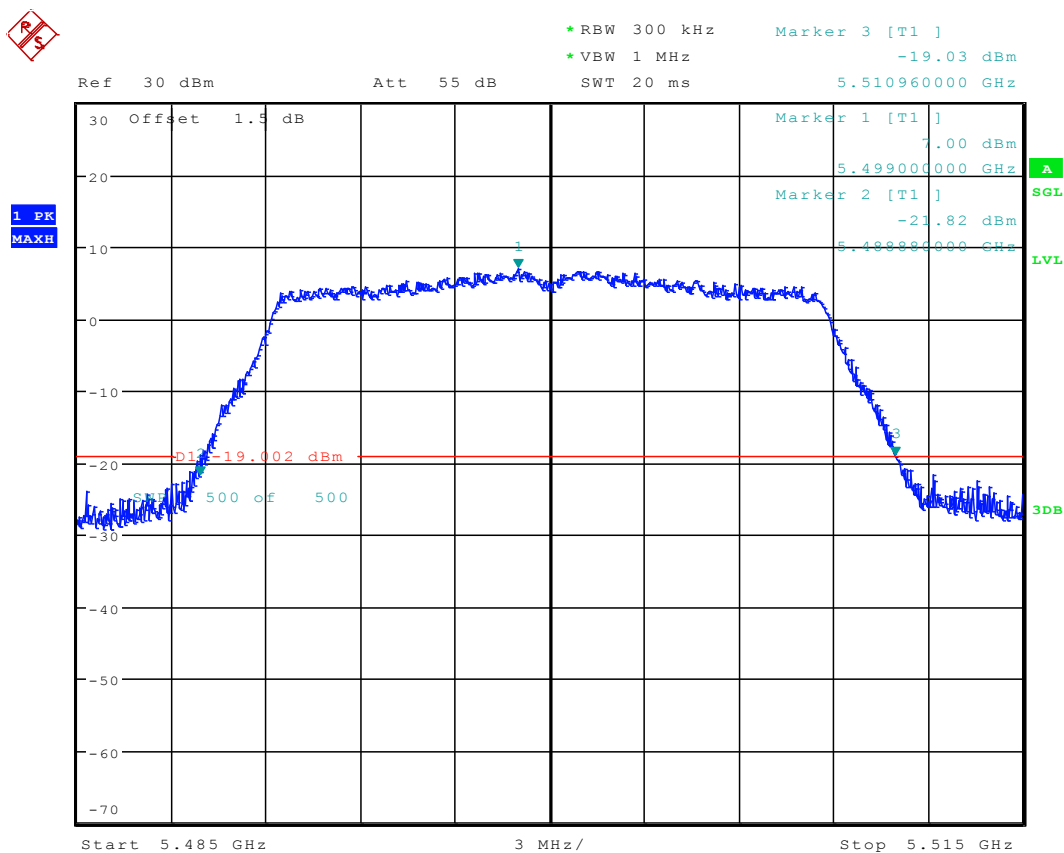
Date: 30.JAN.2016 15:31:16

2.22 11AC20_64 Ant 1



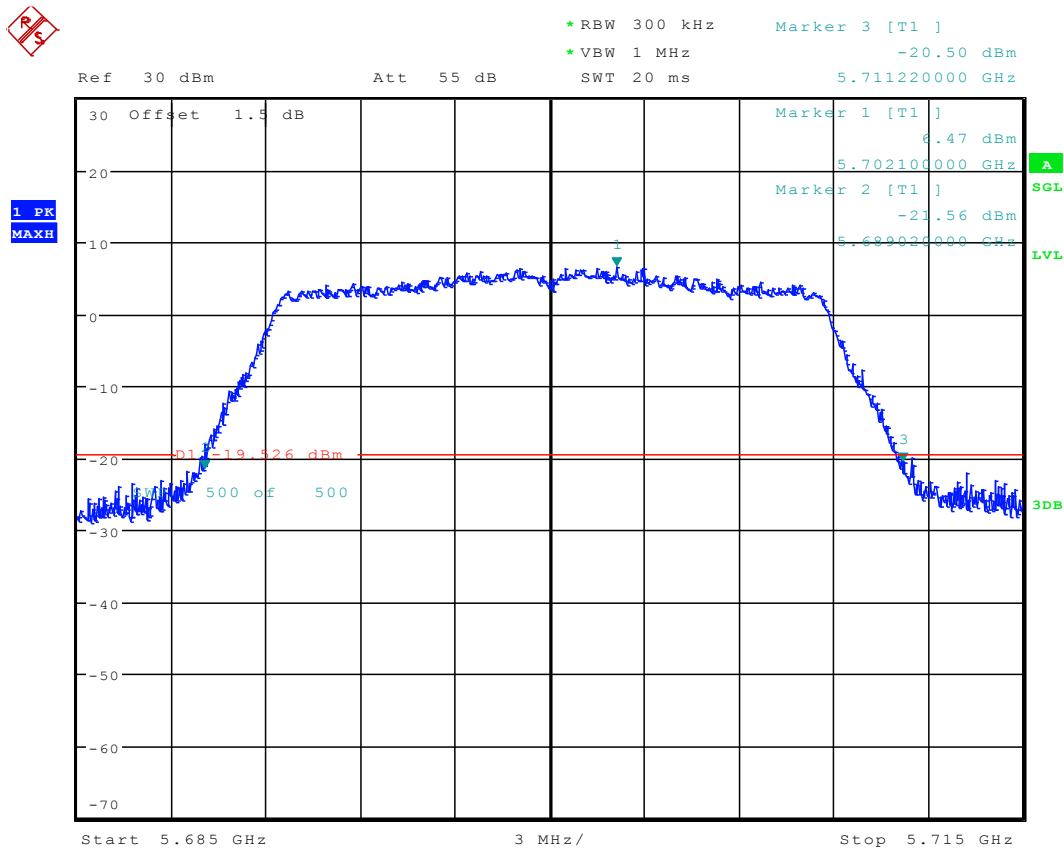
Date: 30.JAN.2016 15:36:03

2.23 11AC20_100 Ant 1



Date: 30.JAN.2016 15:42:21

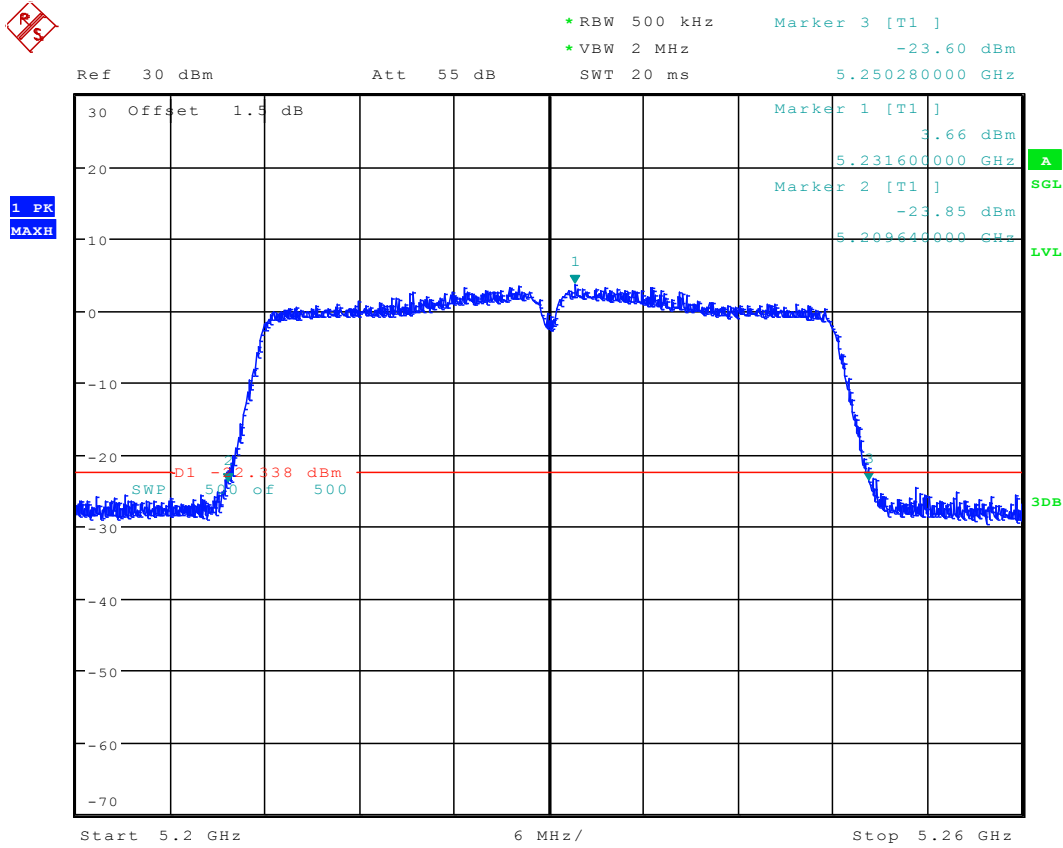
2.24 11AC20_140 Ant 1



Date: 30.JAN.2016 15:47:45

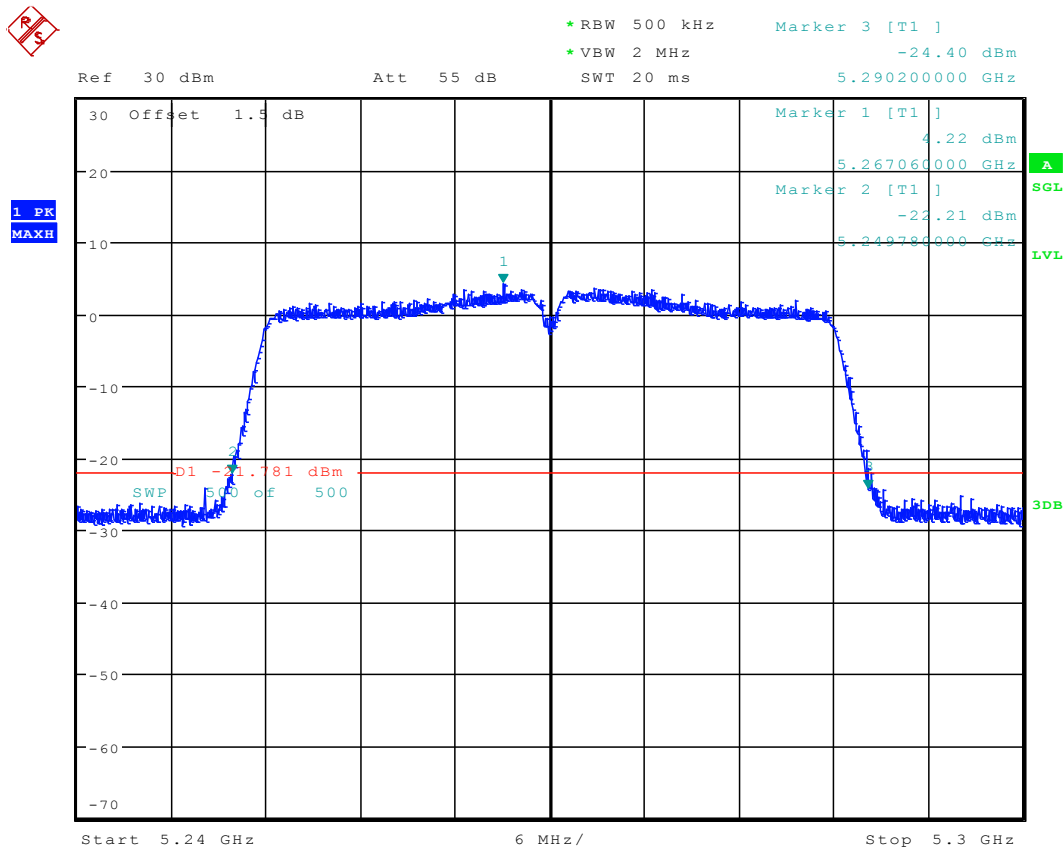


2.26 11AC40_46 Ant 1



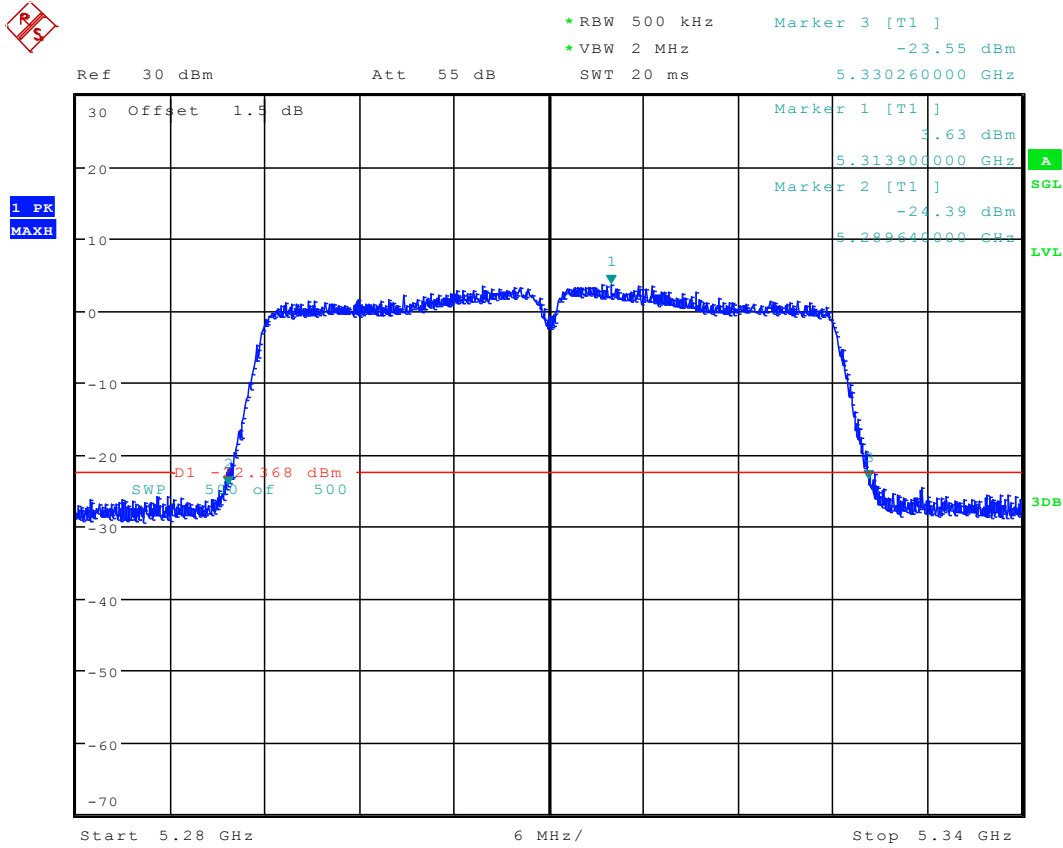
Date: 1.FEB.2016 17:27:05

2.27 11AC40_54 Ant 1



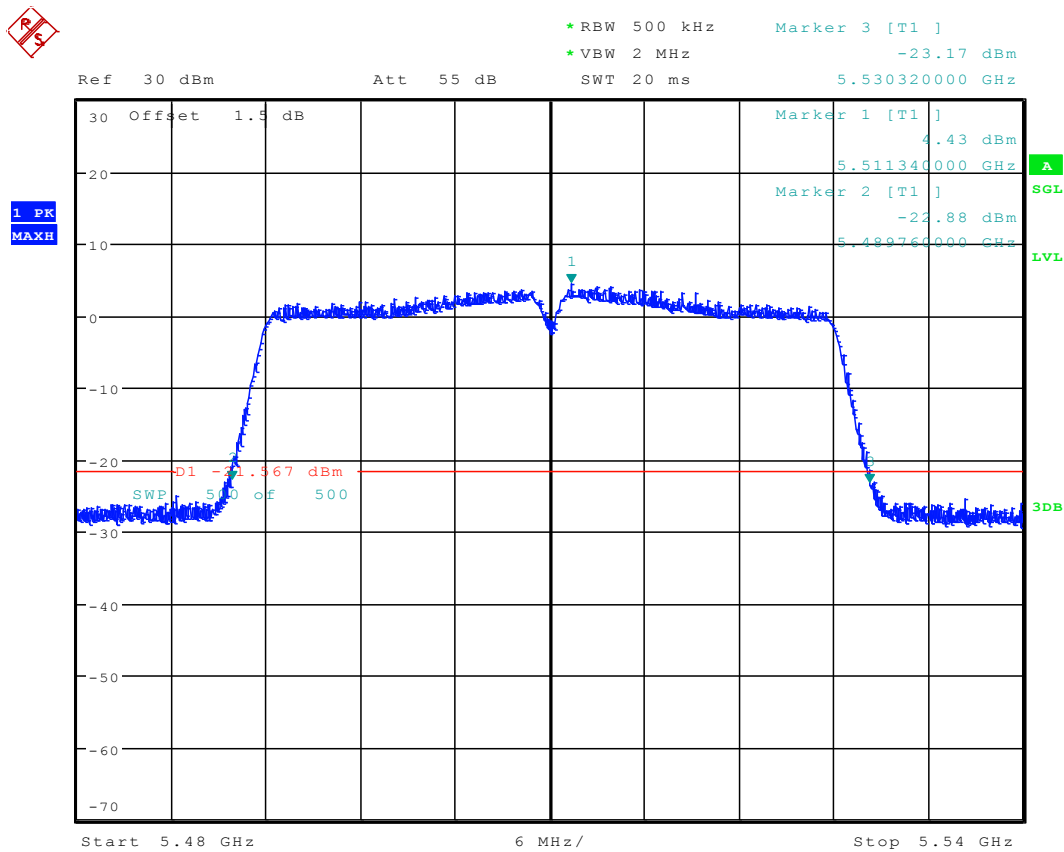
Date: 1.FEB.2016 17:33:38

2.28 11AC40_62 Ant 1



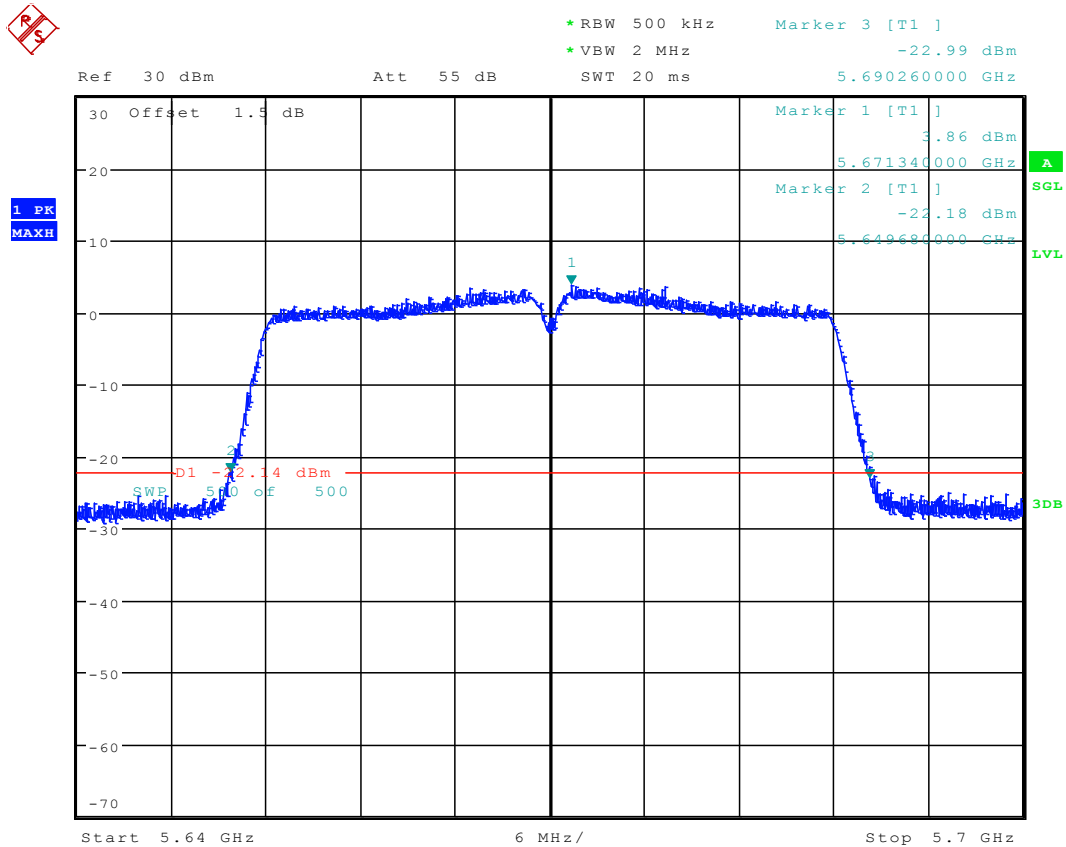
Date: 1.FEB.2016 17:38:39

2.29 11AC40_102 Ant 1



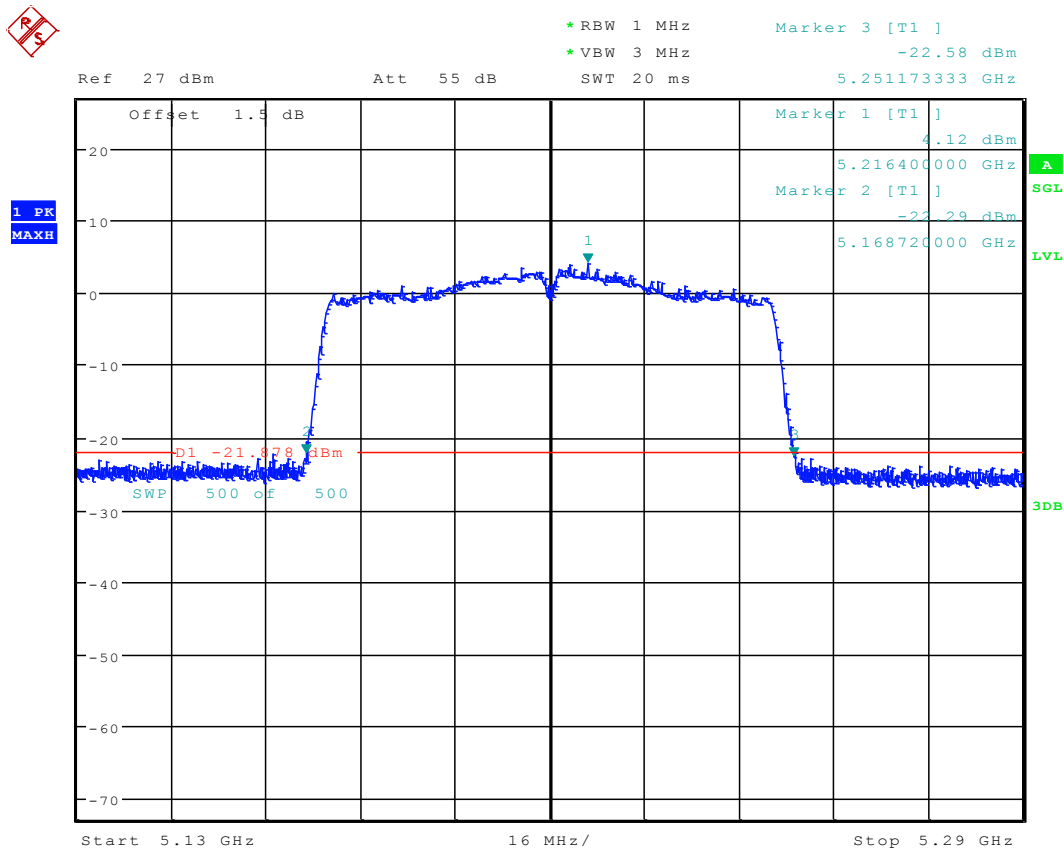
Date: 1.FEB.2016 17:43:29

2.30 11AC40_134 Ant 1



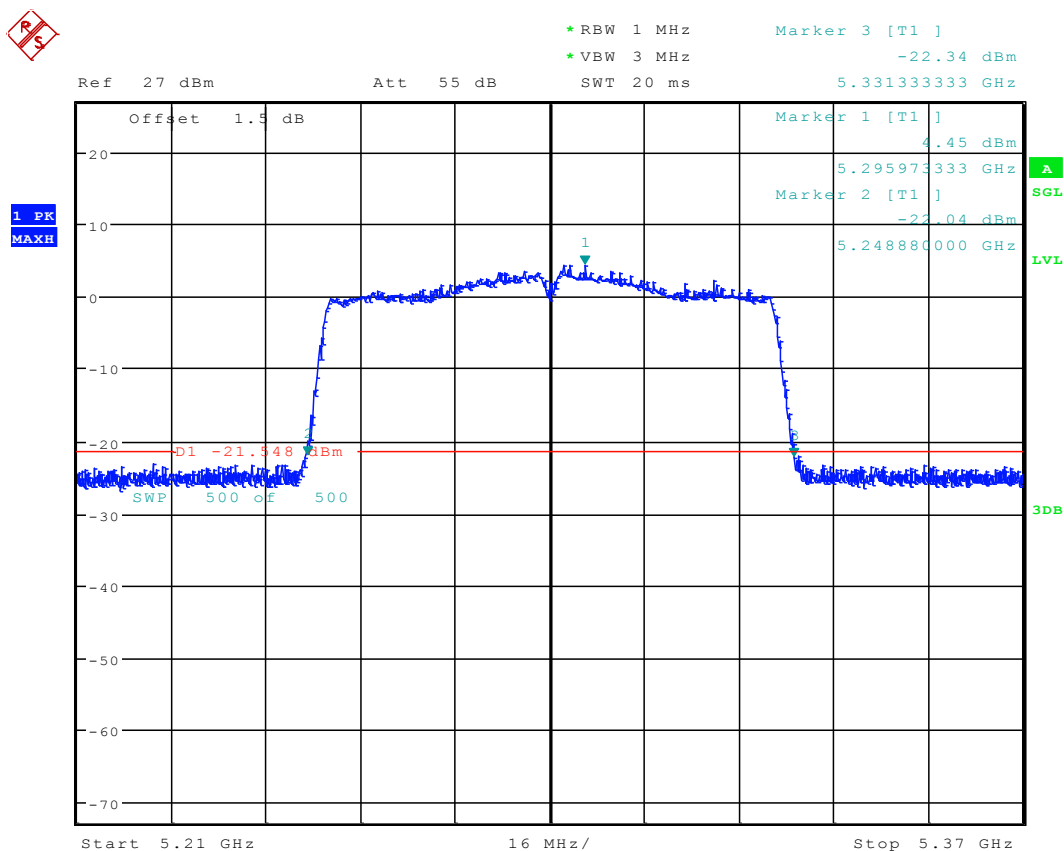
Date: 1.FEB.2016 17:47:08

2.31 11AC80_42 Ant 1



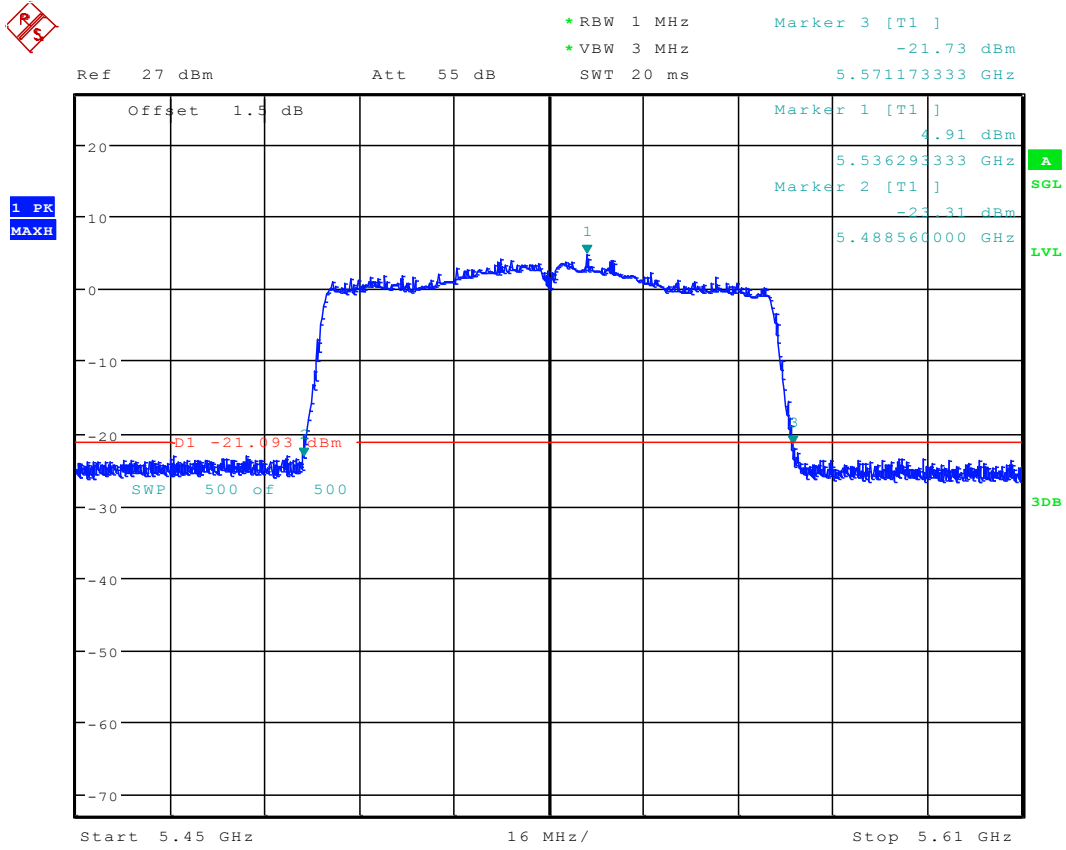
Date: 30.JAN.2016 17:12:15

2.32 11AC80_58 Ant 1



Date: 30.JAN.2016 17:17:11

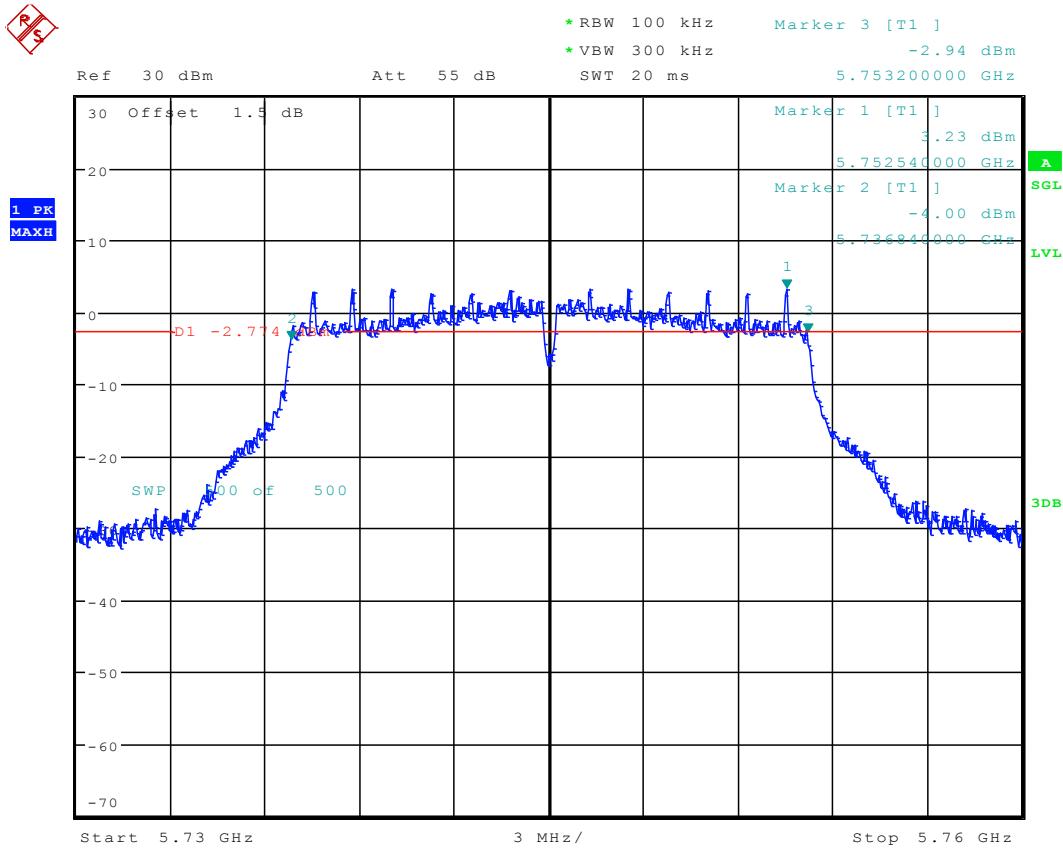
2.33 11AC80_106 Ant 1



Date: 30.JAN.2016 17:21:50

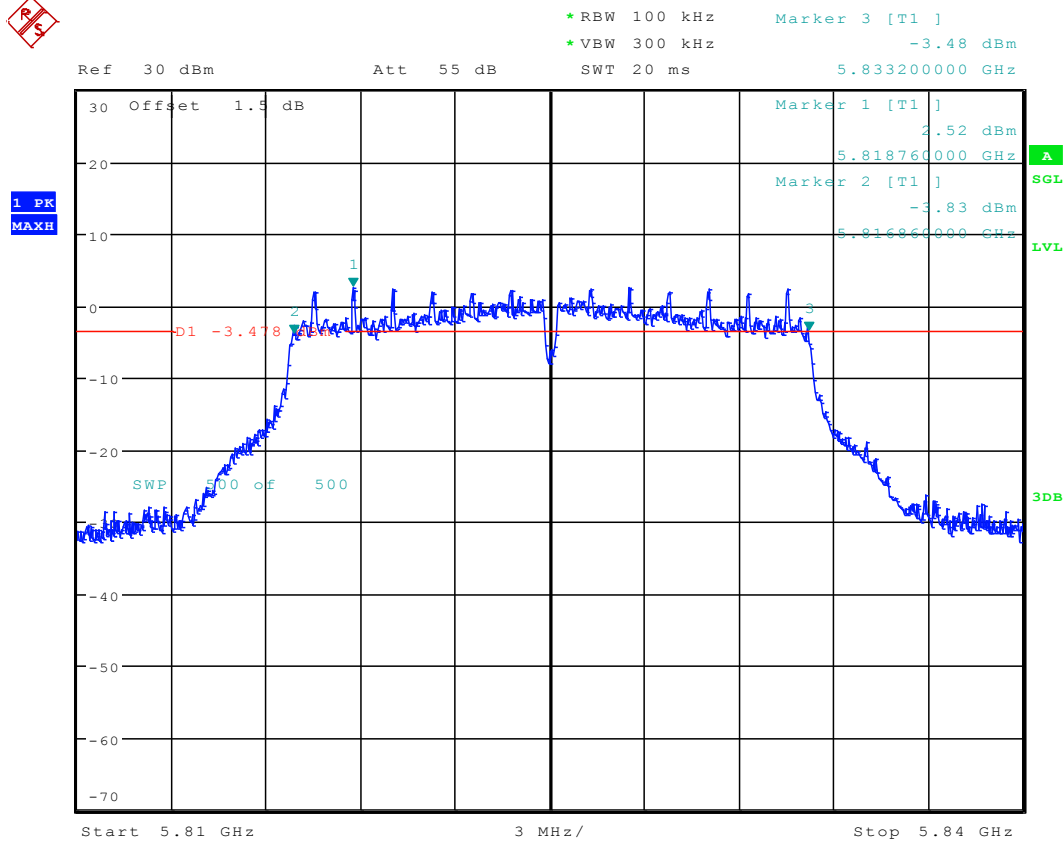
3 Test Plot for 6dBEmission Bandwidth

3.1 11A_149 Ant 1



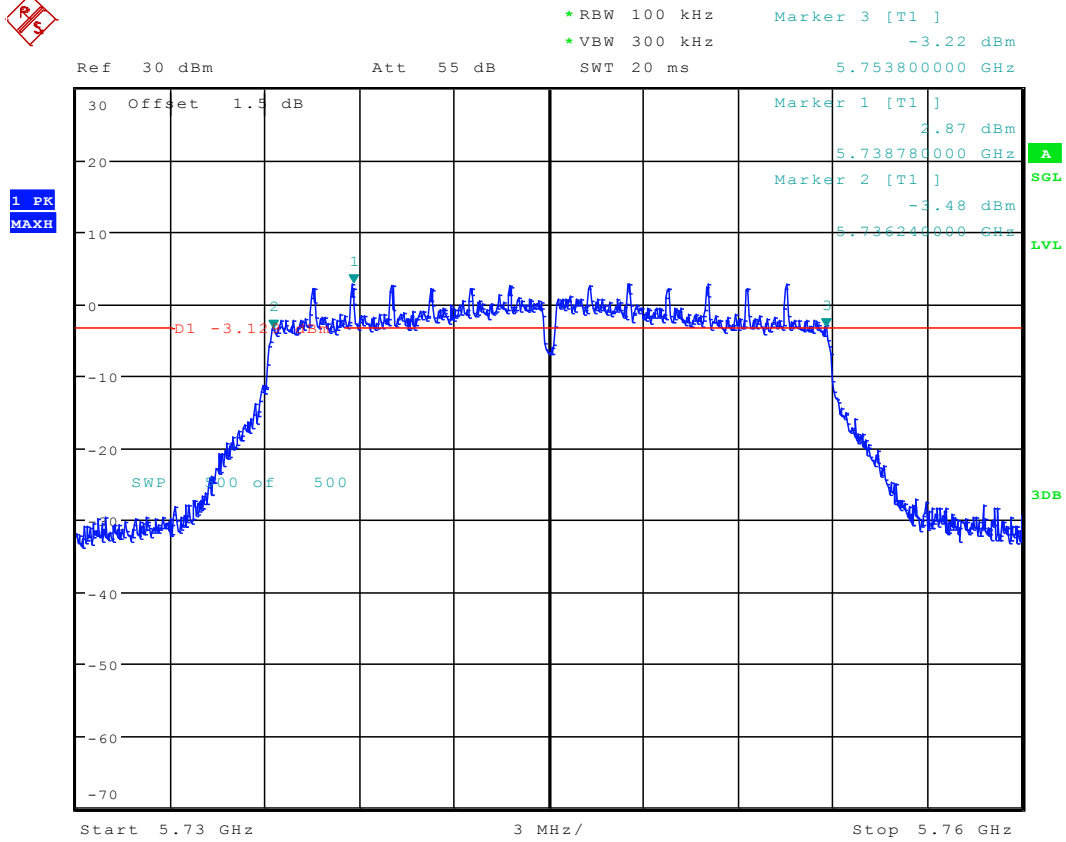
Date: 30.JAN.2016 11:46:42

3.2 11A_165 Ant 1



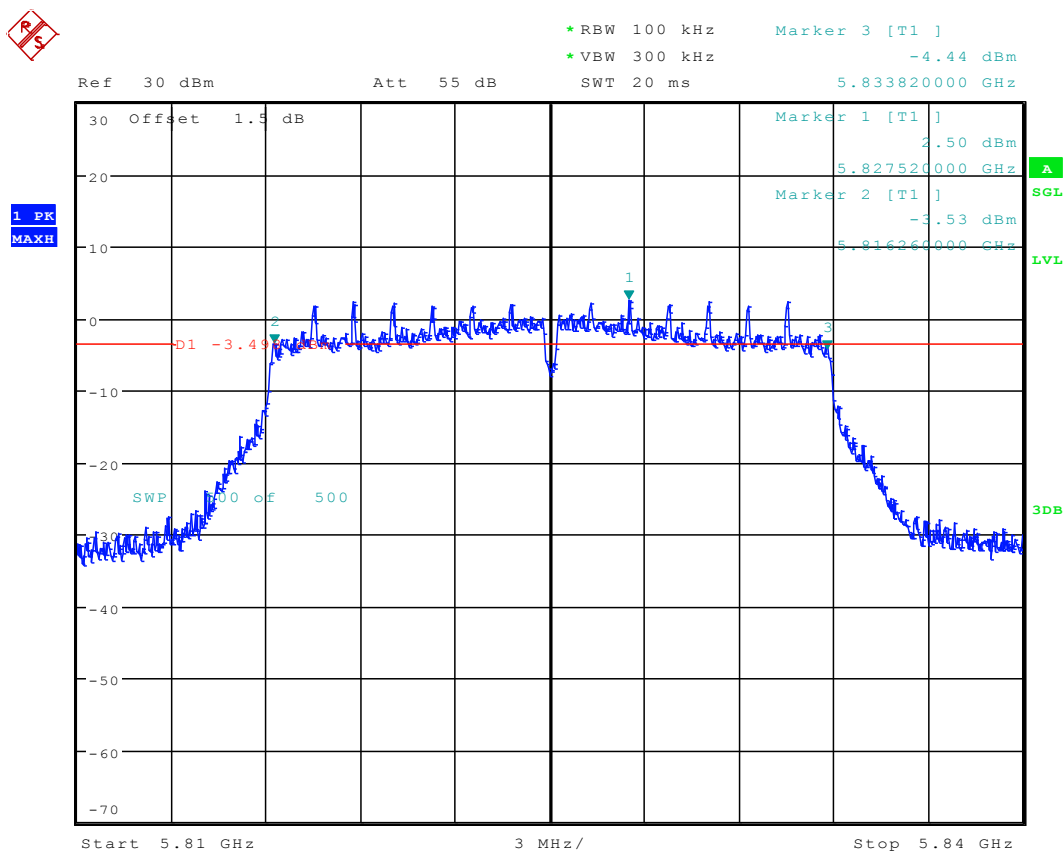
Date: 30.JAN.2016 11:54:52

3.3 11N20_149 Ant 1



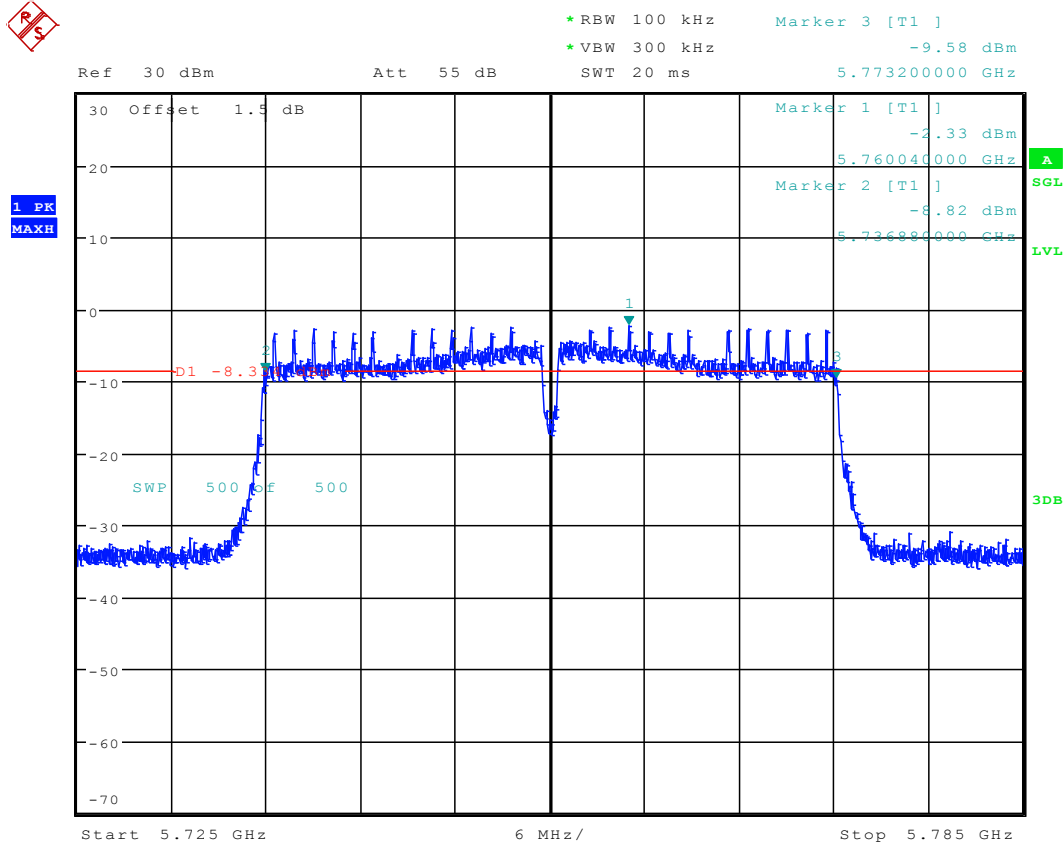
Date: 30.JAN.2016 14:18:24

3.4 11N20_165 Ant 1



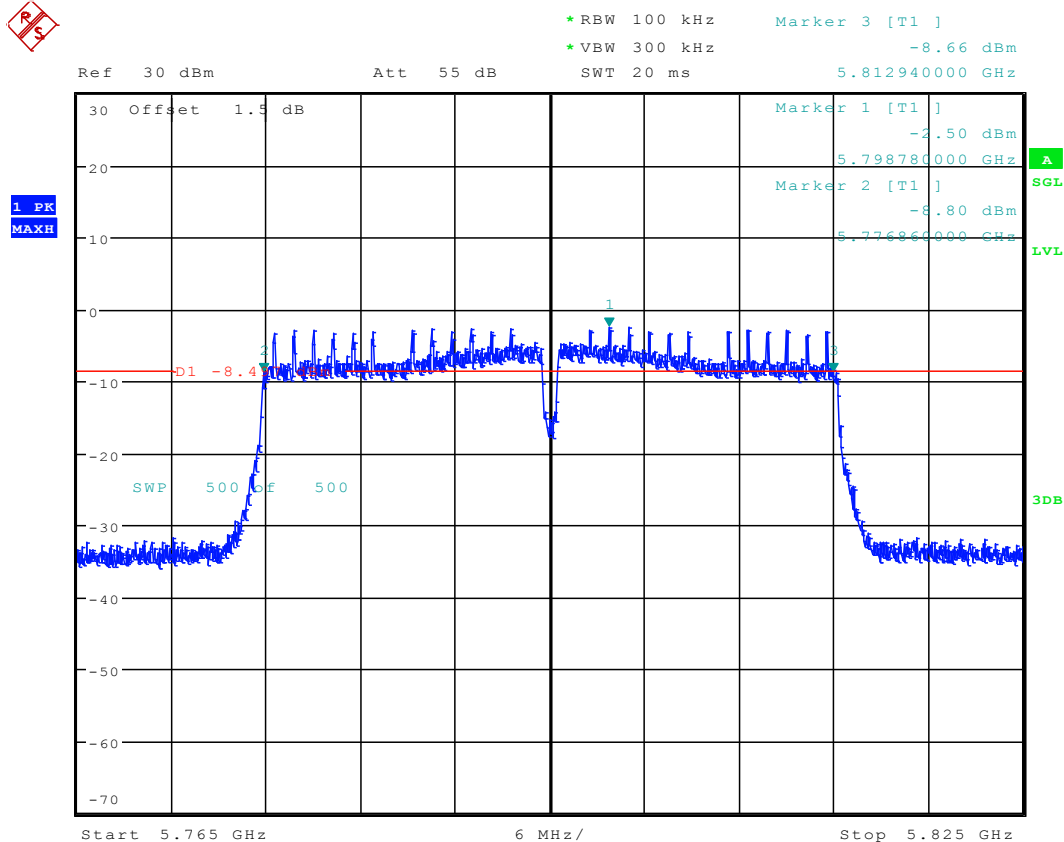
Date: 30.JAN.2016 14:24:07

3.5 11N40_151 Ant 1



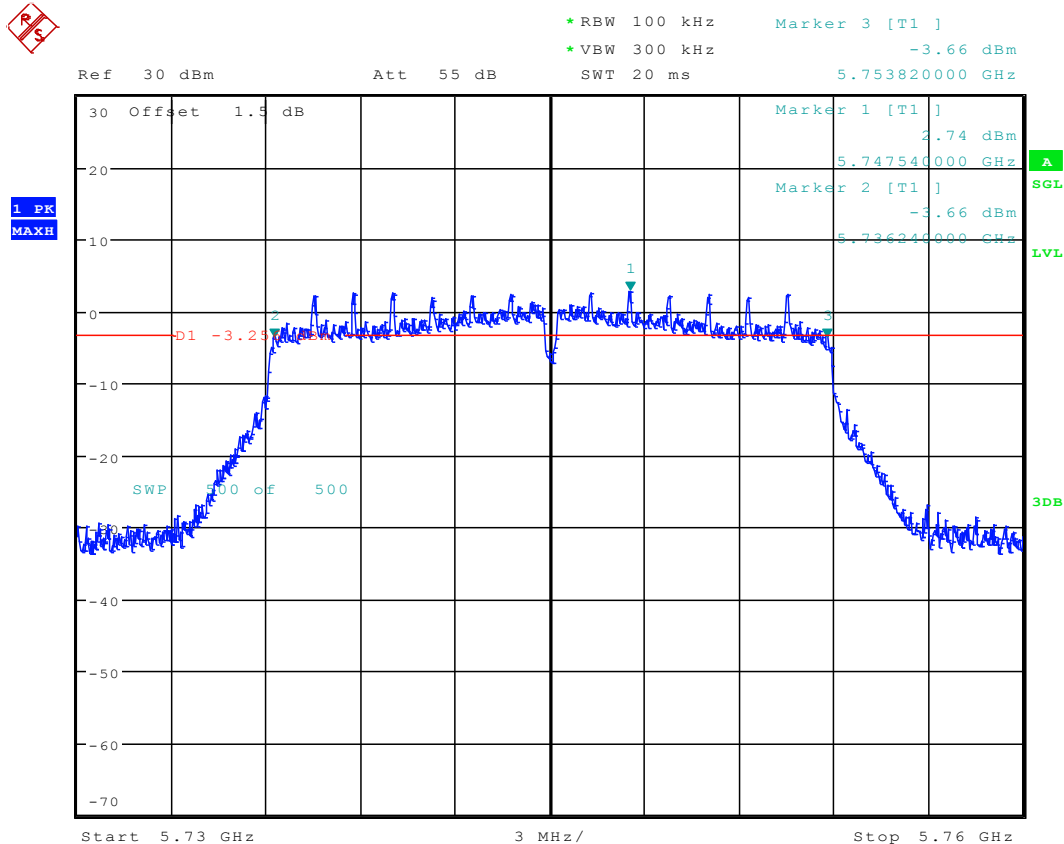
Date: 1.FEB.2016 16:38:35

3.6 11N40_159 Ant 1



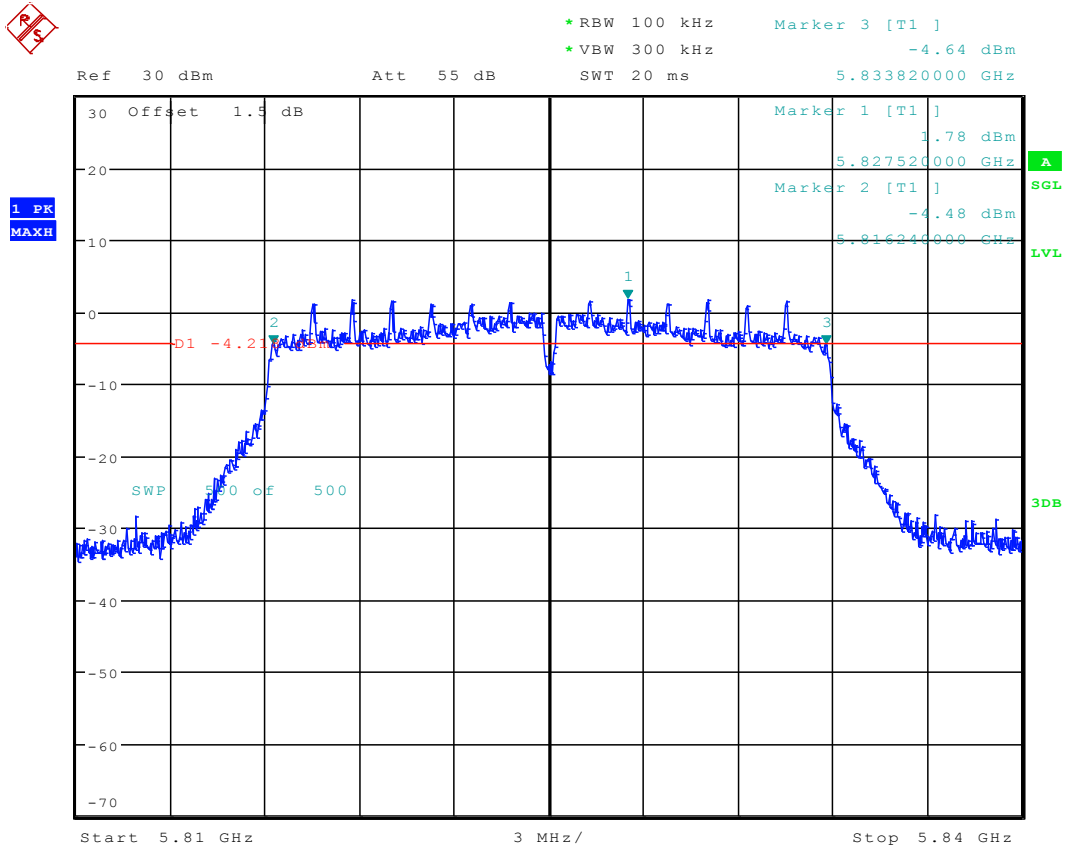
Date: 1.FEB.2016 16:44:16

3.7 11AC20_149 Ant 1



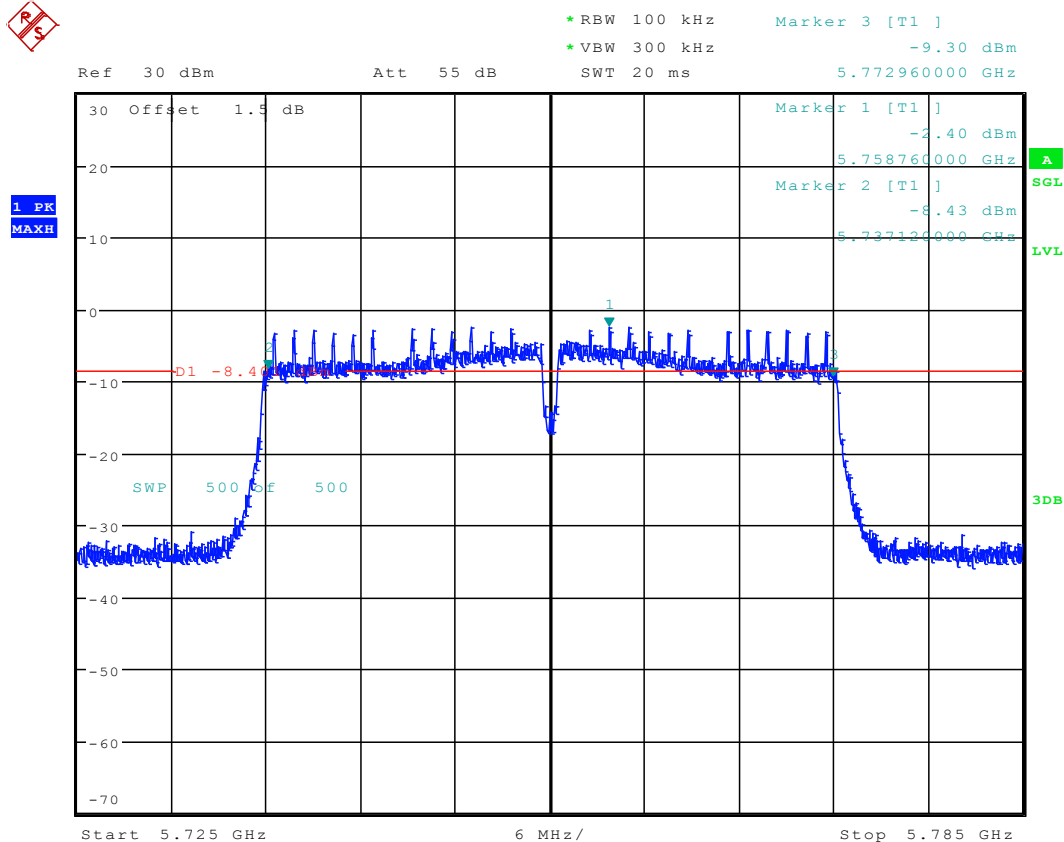
Date: 30.JAN.2016 15:52:30

3.8 11AC20_165 Ant 1



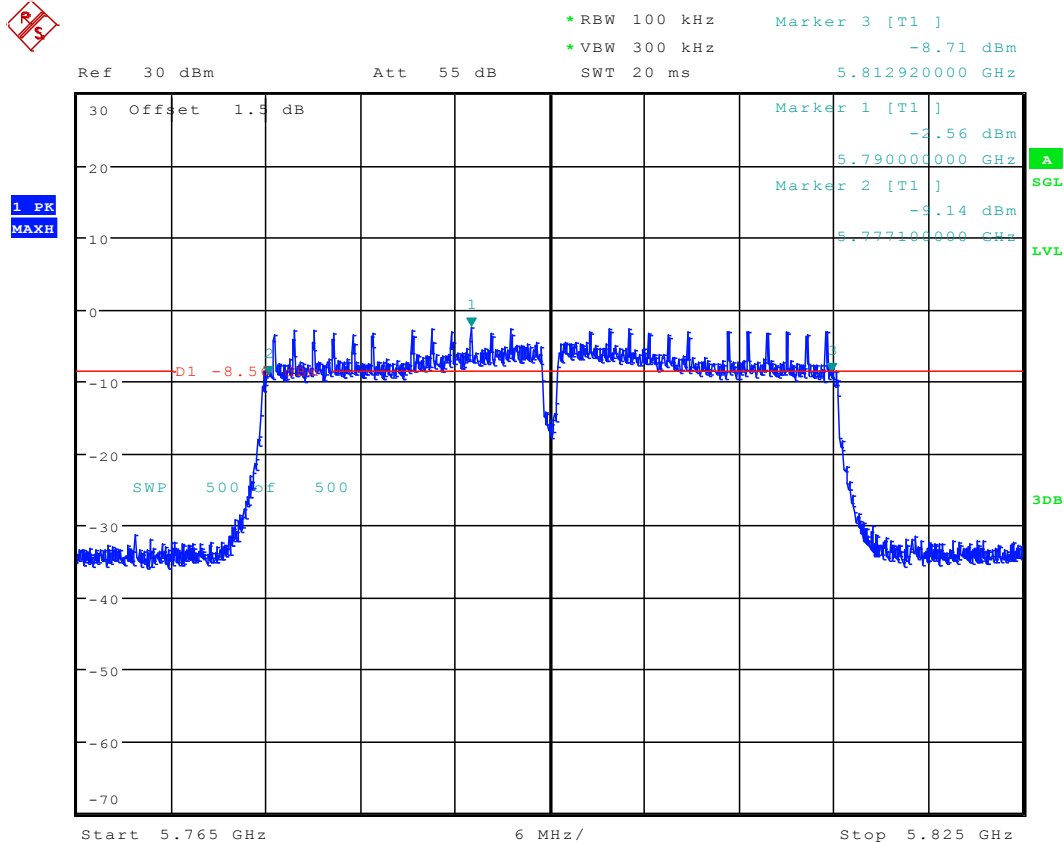
Date: 30.JAN.2016 15:58:54

3.9 11AC40_151 Ant 1



Date: 1.FEB.2016 17:51:48

3.1011AC40_159 Ant 1

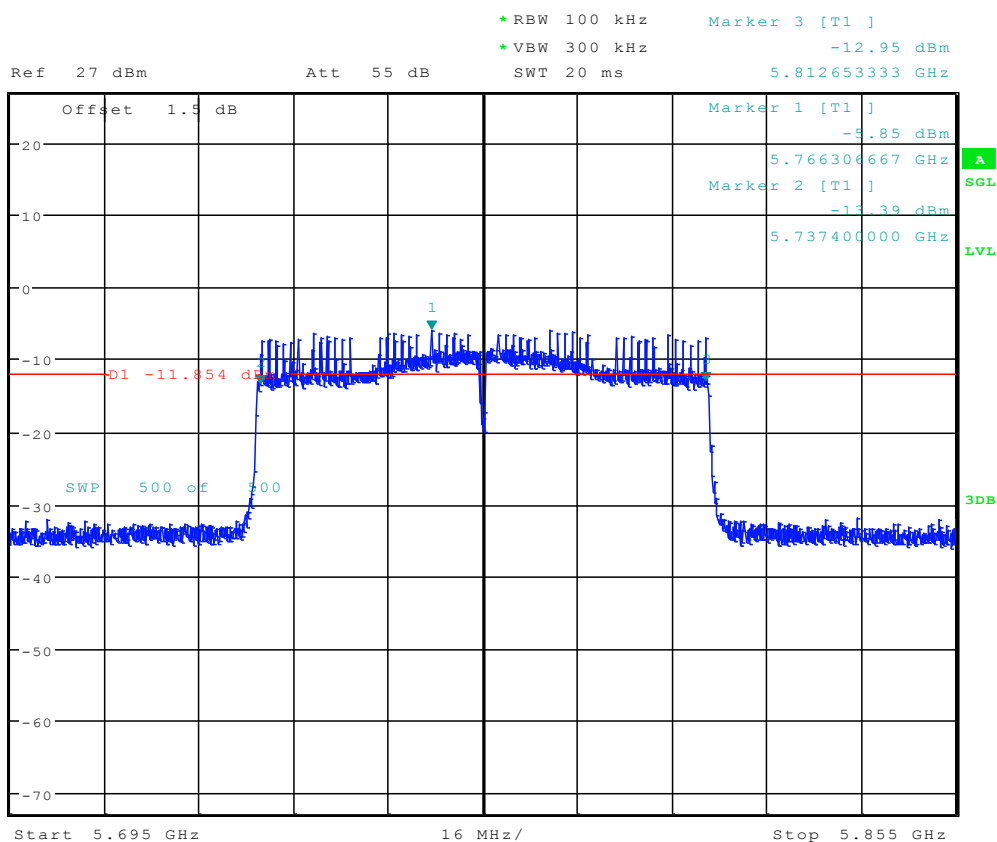


Date: 1.FEB.2016 17:57:05

3.1111AC80_155 Ant 1



1 PK
MAXH



Date: 30.JAN.2016 17:38:21

Appendix B Occupied Bandwidth (OBW)

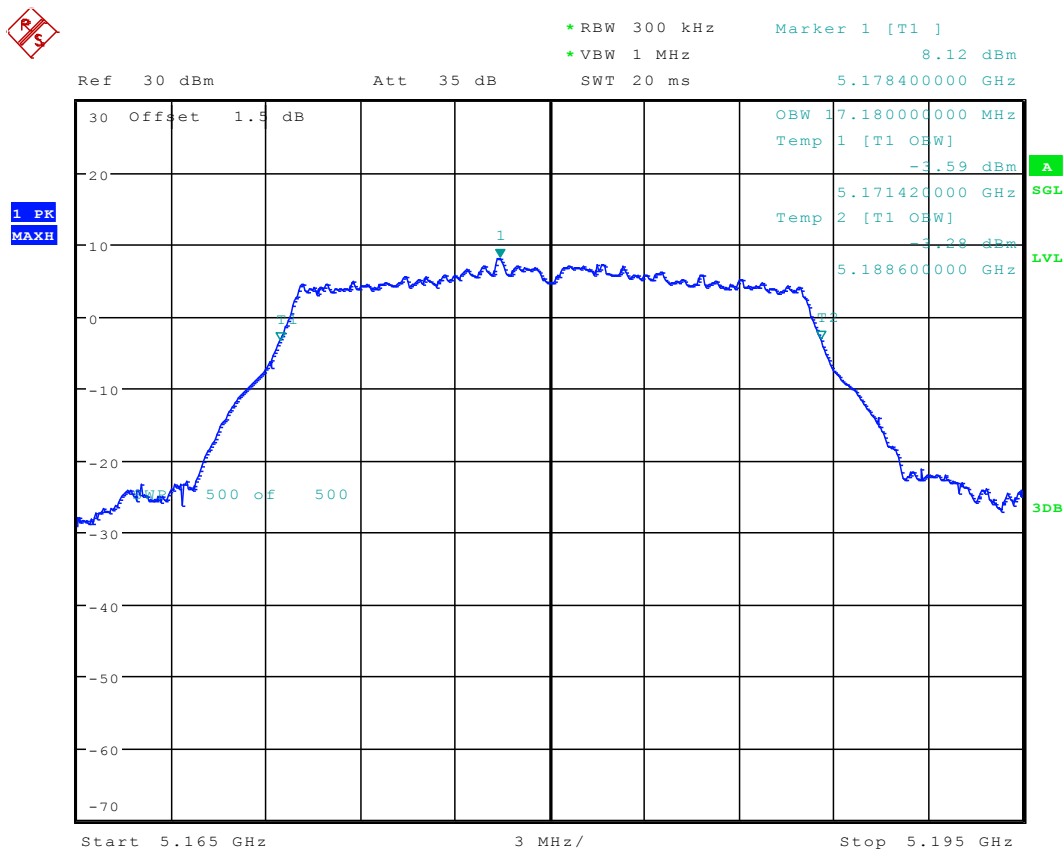
4 (OBW)Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Occupied Bandwidth [MHz]	Verdict
11A	36	5180	Ant 1	17.18	pass
	48	5240	Ant 1	17.14	pass
	52	5260	Ant 1	17.16	pass
	64	5320	Ant 1	17.18	pass
	100	5500	Ant 1	17.16	pass
	140	5700	Ant 1	17.16	pass
	149	5745	Ant 1	17.20	pass
	165	5825	Ant 1	17.20	pass
11N20	36	5180	Ant 1	18.24	pass
	48	5240	Ant 1	18.20	pass
	52	5260	Ant 1	18.22	pass
	64	5320	Ant 1	18.24	pass
	100	5500	Ant 1	18.24	pass
	140	5700	Ant 1	18.26	pass
	149	5745	Ant 1	18.28	pass
	165	5825	Ant 1	18.28	pass
11N40	38	5190	Ant 1	36.10	pass
	46	5230	Ant 1	36.38	pass
	54	5270	Ant 1	36.40	pass
	62	5310	Ant 1	36.42	pass
	102	5510	Ant 1	36.36	pass
	134	5670	Ant 1	36.44	pass
	151	5755	Ant 1	36.42	pass
	159	5795	Ant 1	36.44	pass
11AC20	36	5180	Ant 1	18.22	pass
	48	5240	Ant 1	18.20	pass
	52	5260	Ant 1	18.18	pass
	64	5320	Ant 1	18.18	pass
	100	5500	Ant 1	18.24	pass
	140	5700	Ant 1	18.20	pass
	149	5745	Ant 1	18.22	pass
	165	5825	Ant 1	18.26	pass
11AC40	38	5190	Ant 1	36.40	pass
	46	5230	Ant 1	36.38	pass

	54	5270	Ant 1	36.36	pass
	62	5310	Ant 1	36.42	pass
	102	5510	Ant 1	36.42	pass
	134	5670	Ant 1	36.38	pass
	151	5755	Ant 1	36.38	pass
	159	5795	Ant 1	36.42	pass
11AC80	42	5210	Ant 1	75.48	pass
	58	5290	Ant 1	75.72	pass
	106	5530	Ant 1	75.52	pass
	155	5775	Ant 1	75.76	pass

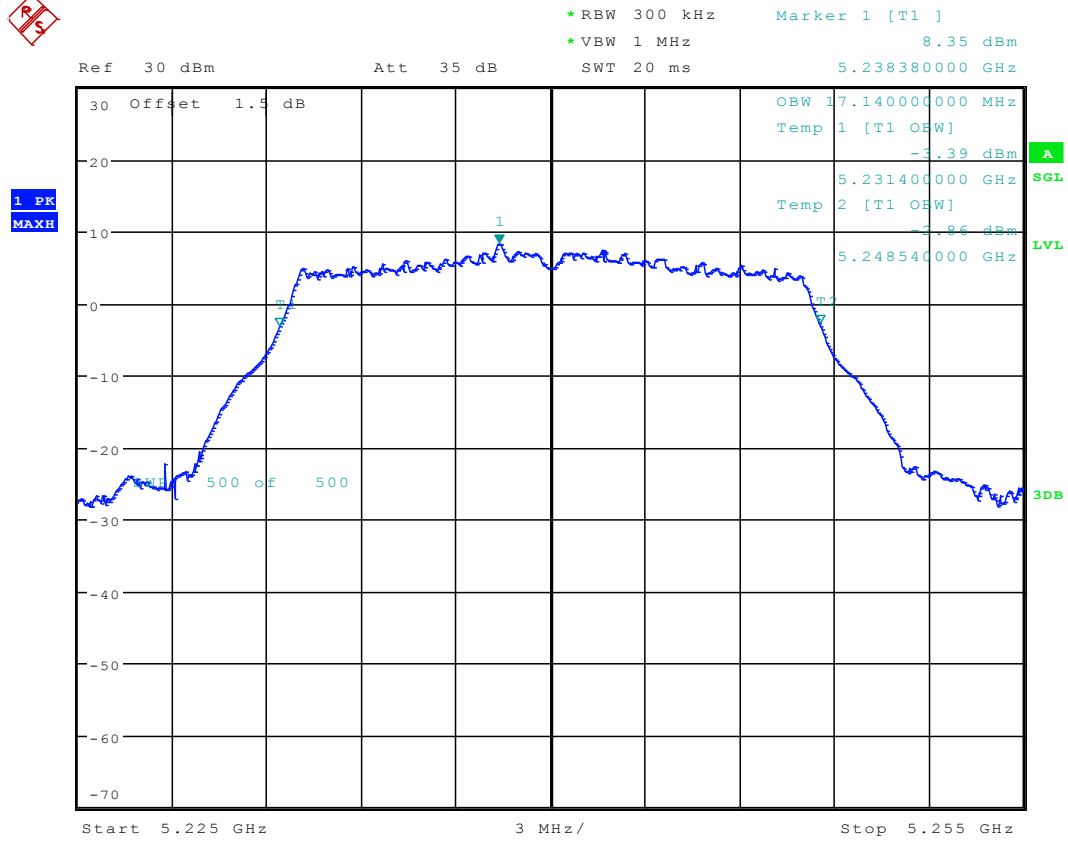
5 Test Plot

5.1 11A_36 Ant 1



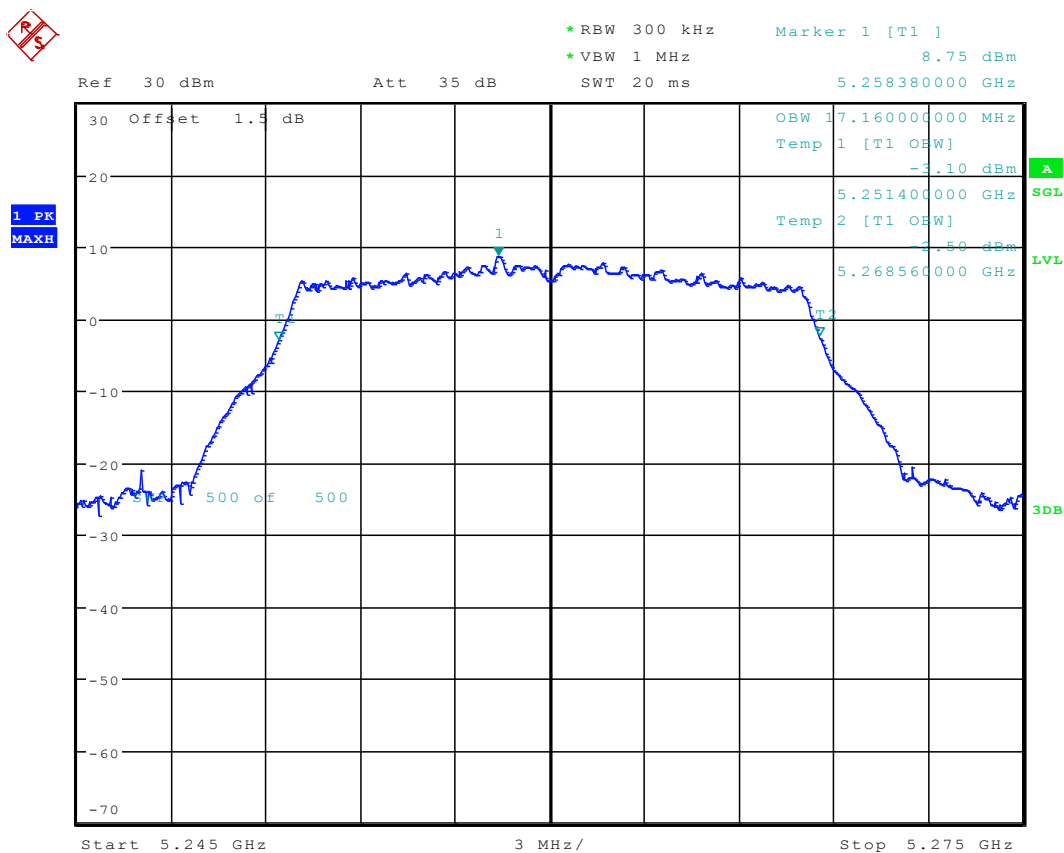
Date: 30.JAN.2016 11:02:51

5.2 11A_48 Ant 1



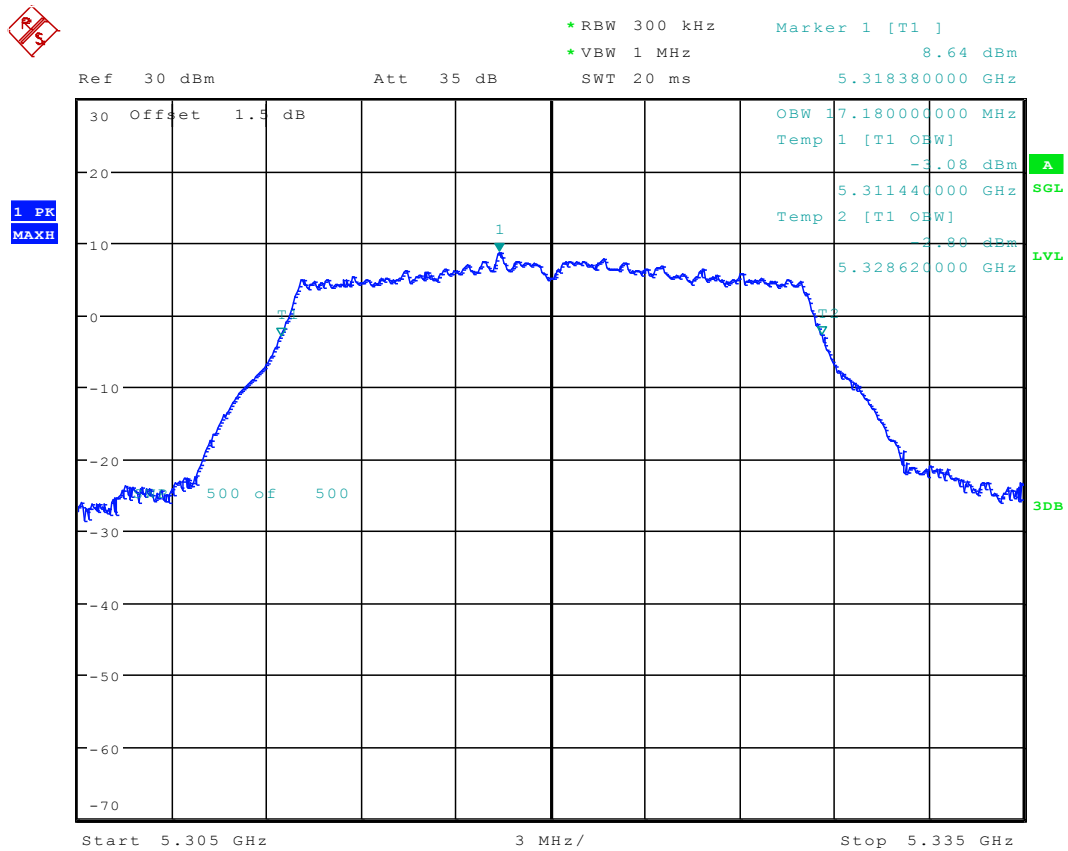
Date: 30.JAN.2016 11:07:41

5.3 11A_52 Ant 1



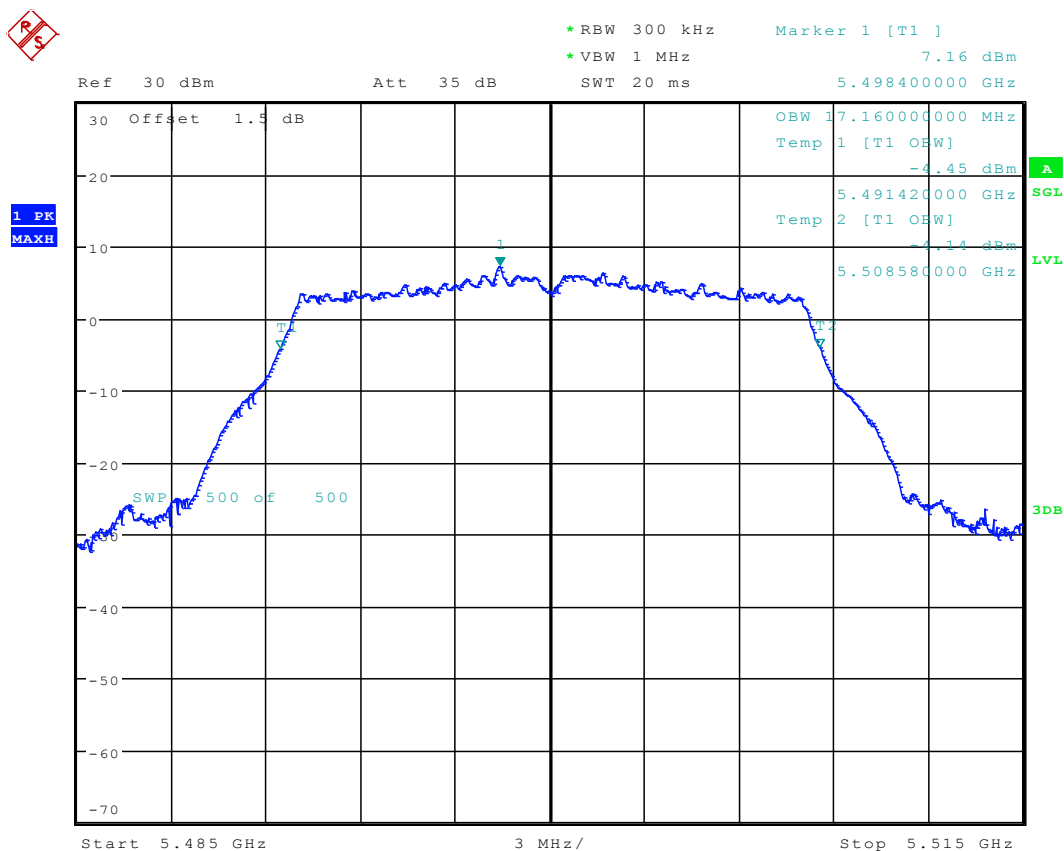
Date: 30.JAN.2016 11:15:35

5.4 11A_64 Ant 1



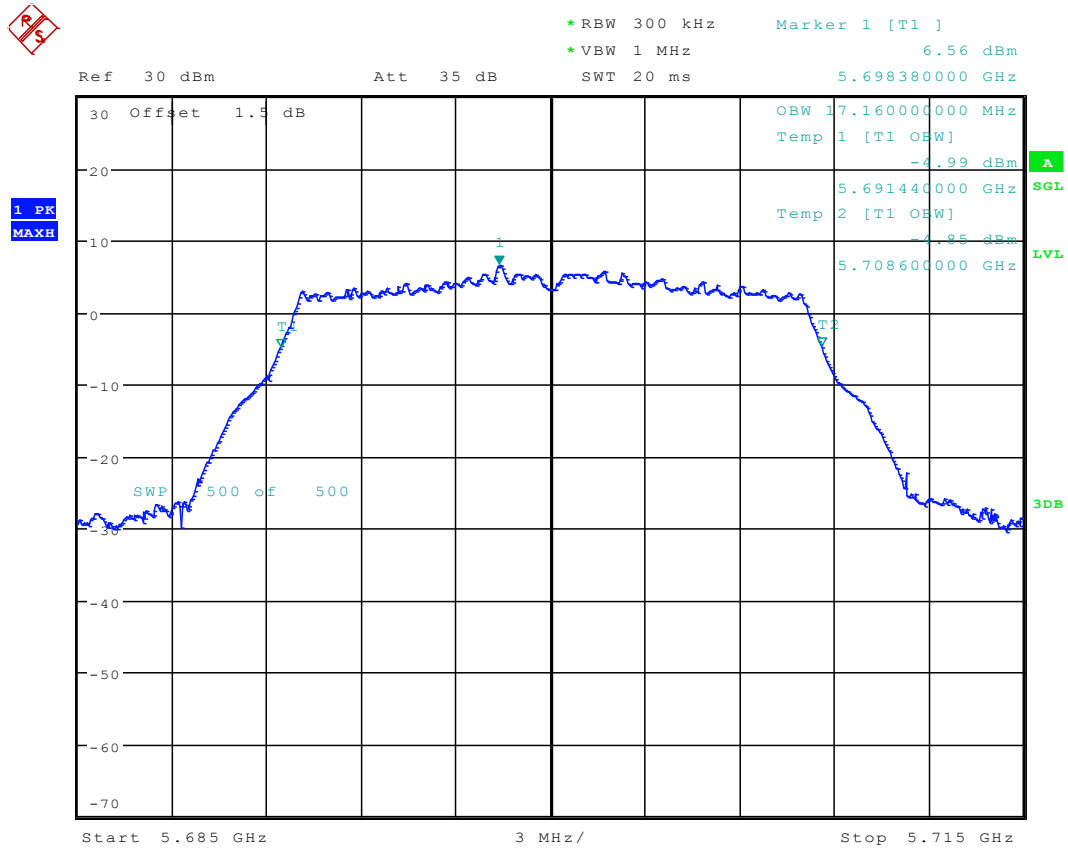
Date: 30.JAN.2016 11:20:26

5.5 11A_100 Ant 1



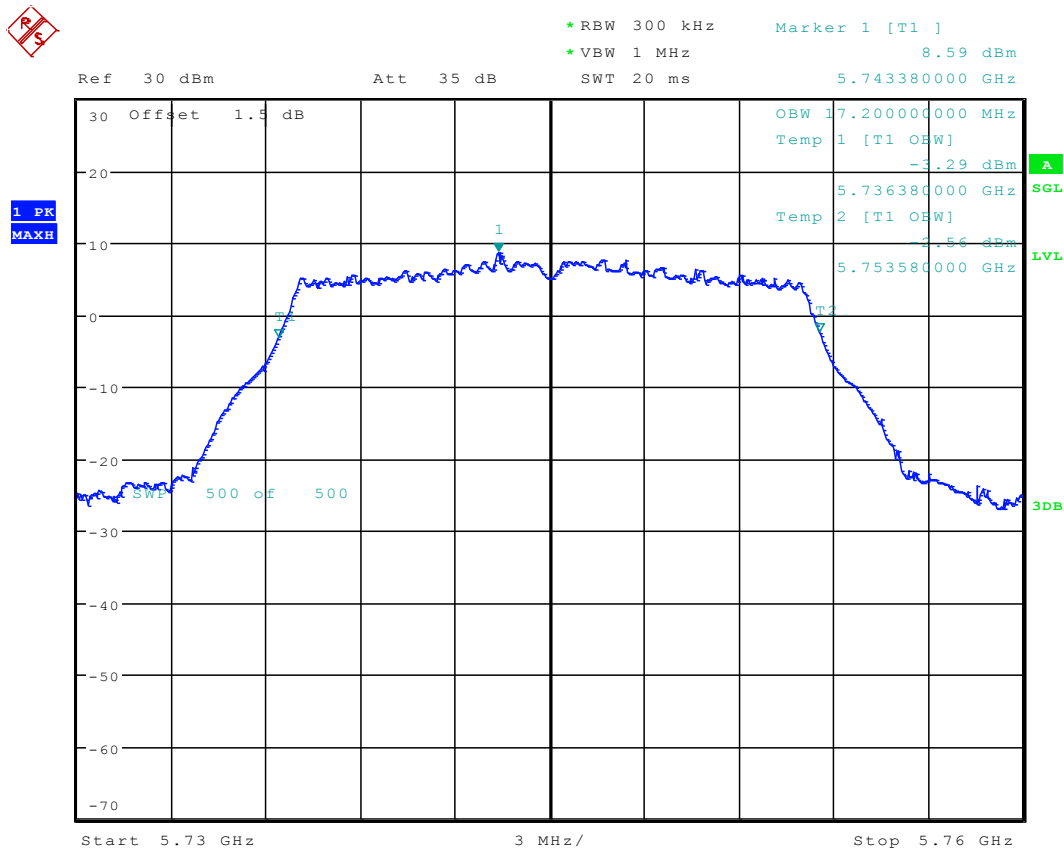
Date: 11.MAR.2016 16:25:26

5.6 11A_140 Ant 1



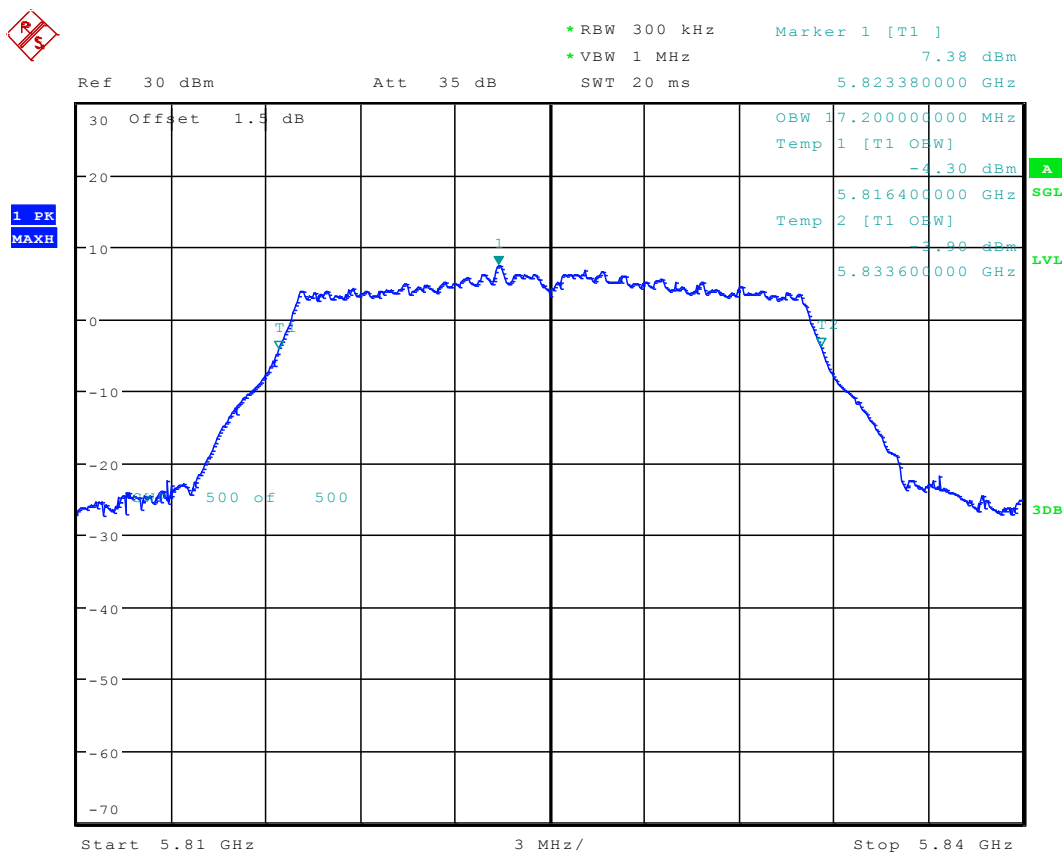
Date: 11.MAR.2016 16:33:35

5.7 11A_149 Ant 1



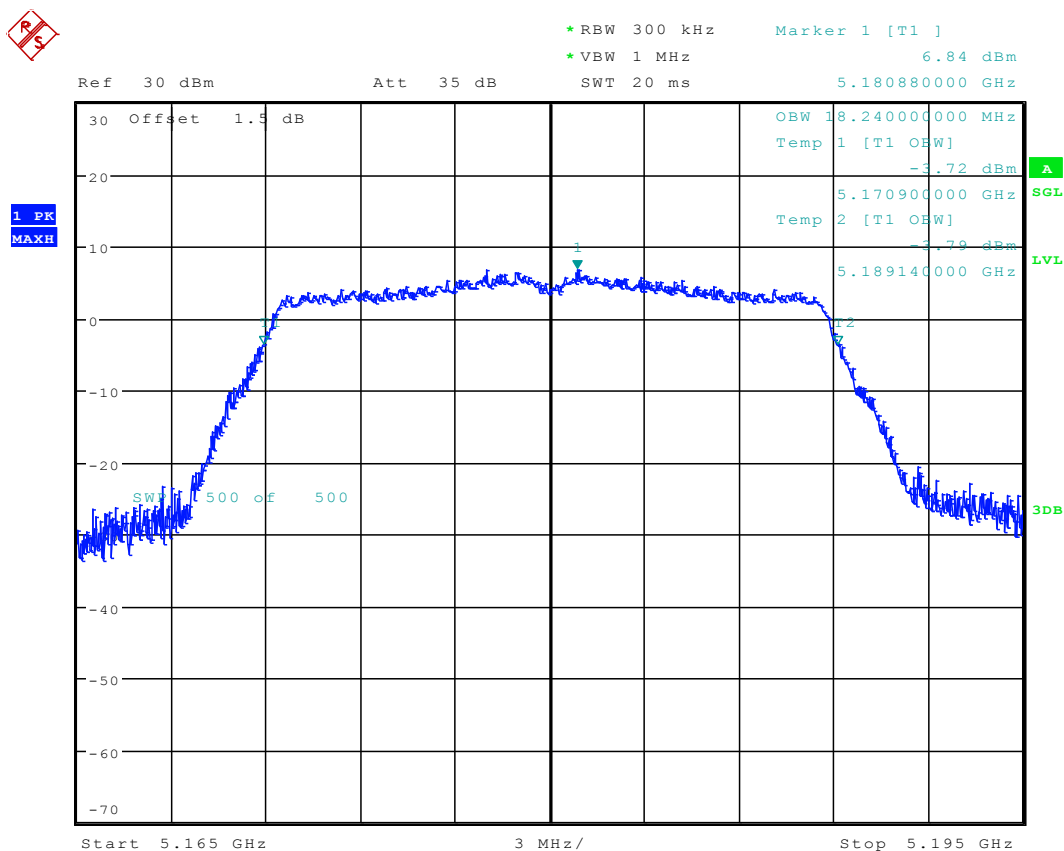
Date: 30.JAN.2016 11:47:28

5.8 11A_165 Ant 1



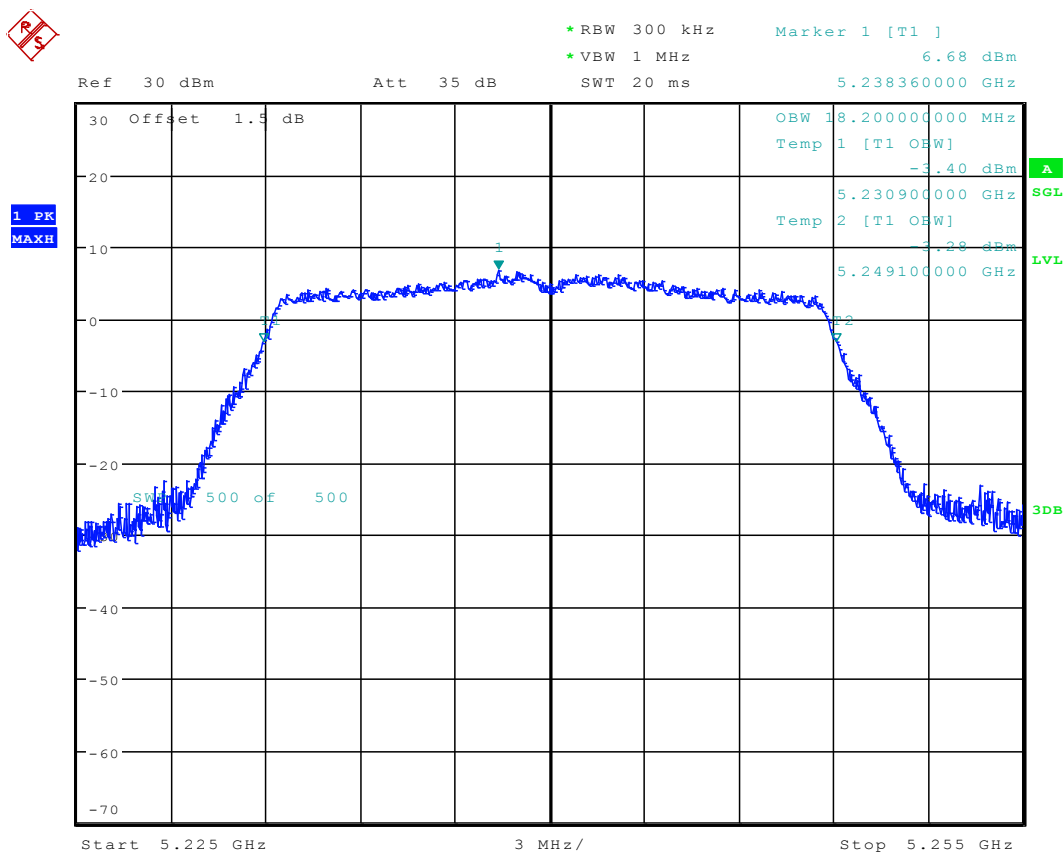
Date: 30.JAN.2016 11:55:37

5.9 11N20_36 Ant 1



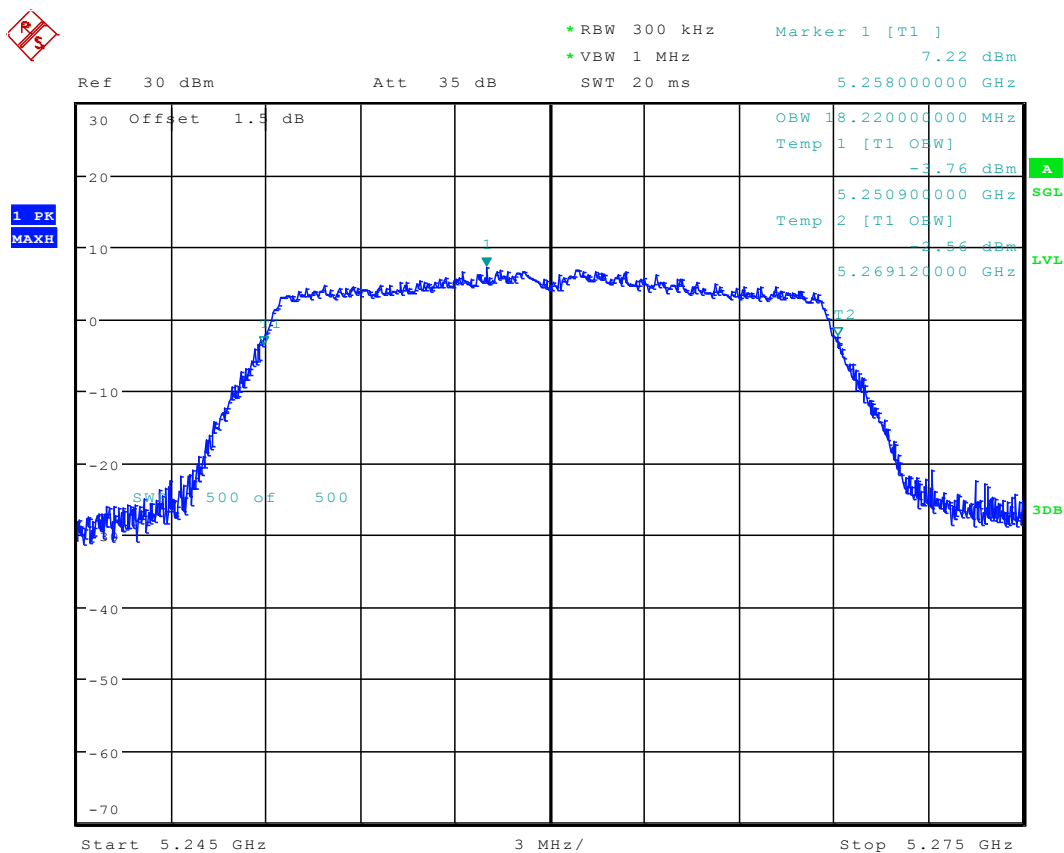
Date: 30.JAN.2016 12:05:24

5.10 11N20_48 Ant 1

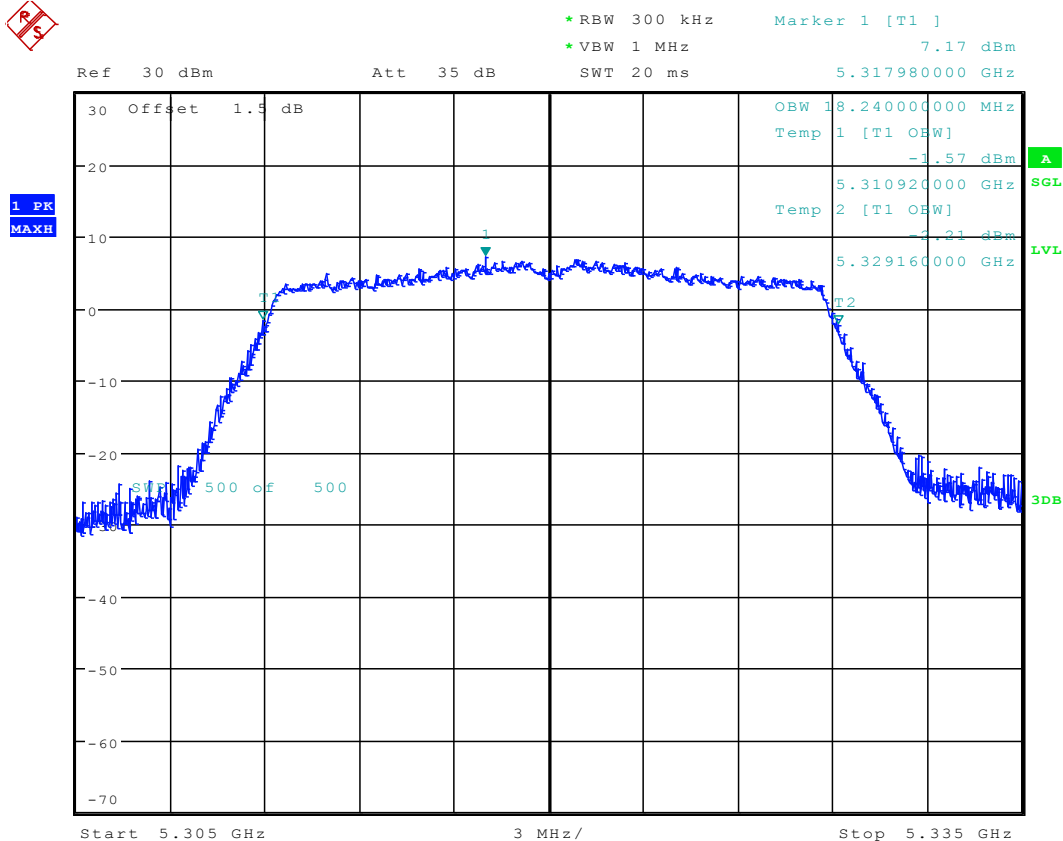


Date: 30.JAN.2016 12:16:15

5.11 11N20_52 Ant 1

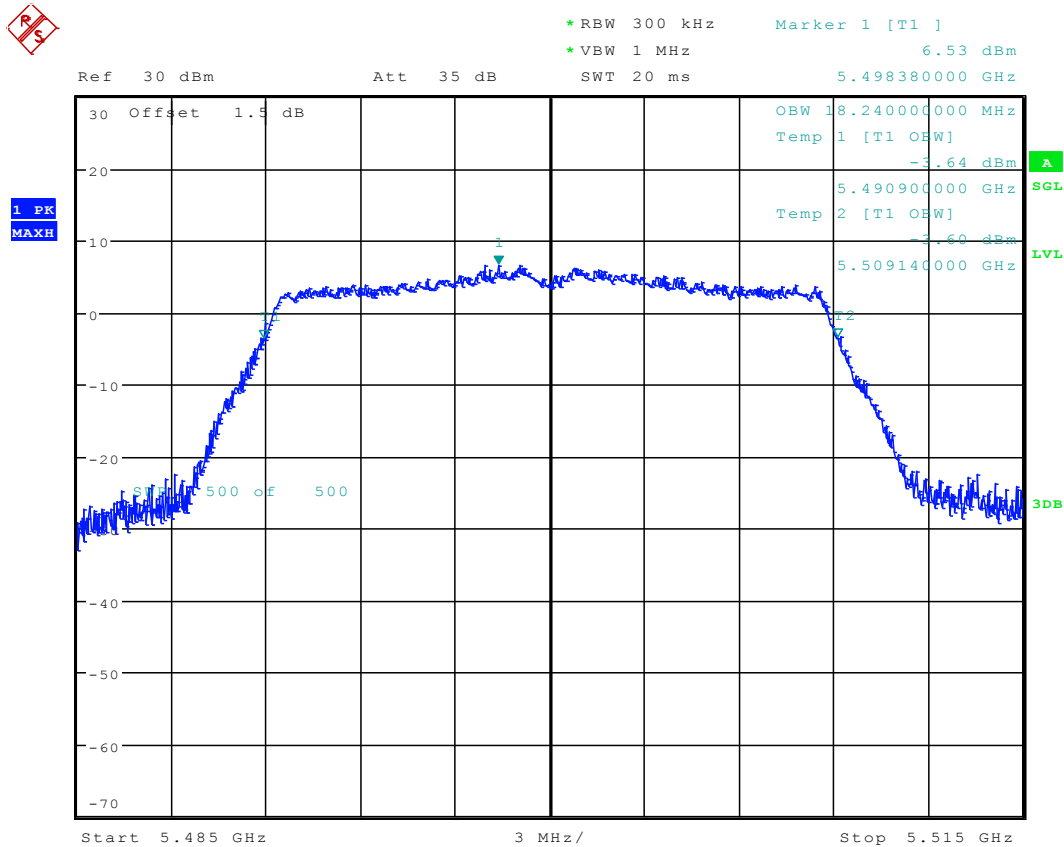


Date: 30.JAN.2016 12:27:46



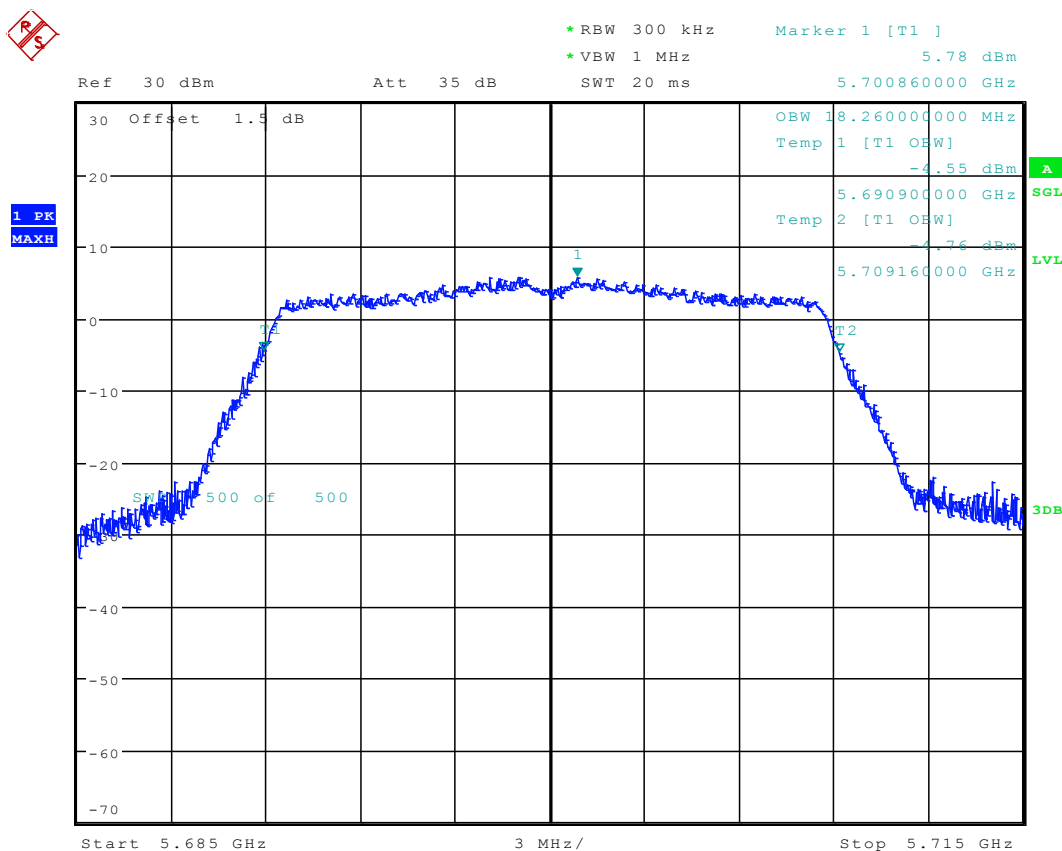
Date: 30.JAN.2016 12:32:58

5.13 11N20_100 Ant 1



Date: 11.MAR.2016 16:39:58

5.14 11N20_140 Ant 1

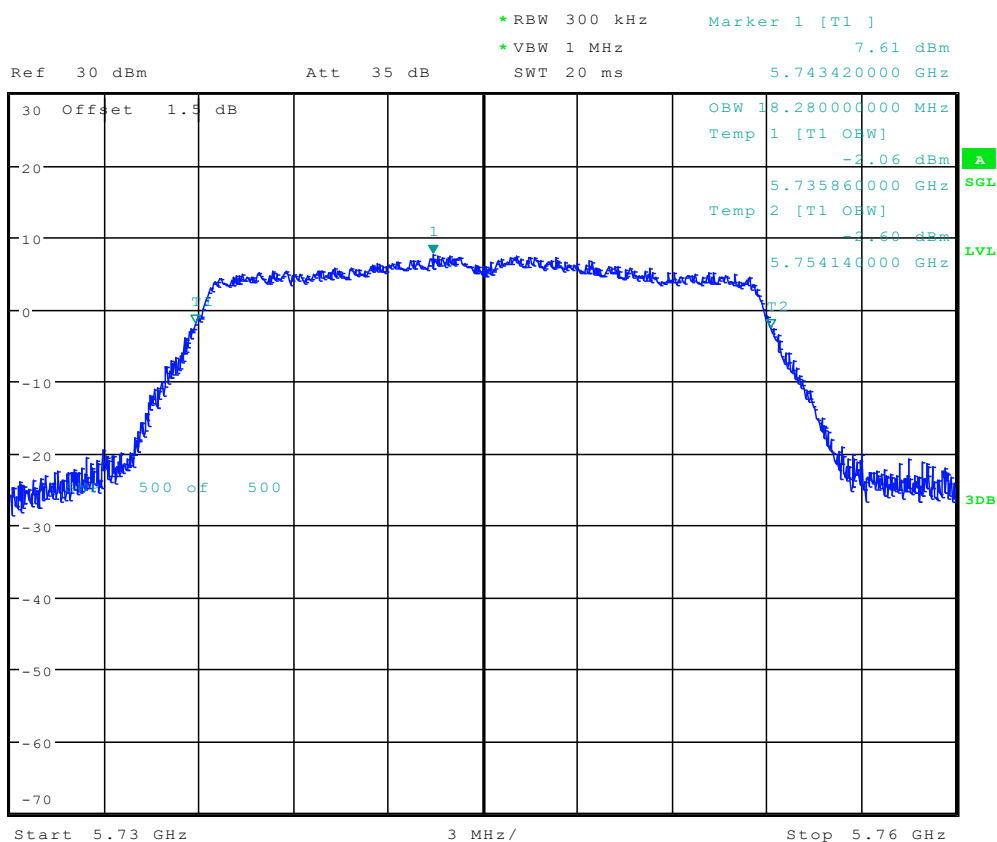


Date: 11.MAR.2016 16:51:07

5.15 11N20_149 Ant 1

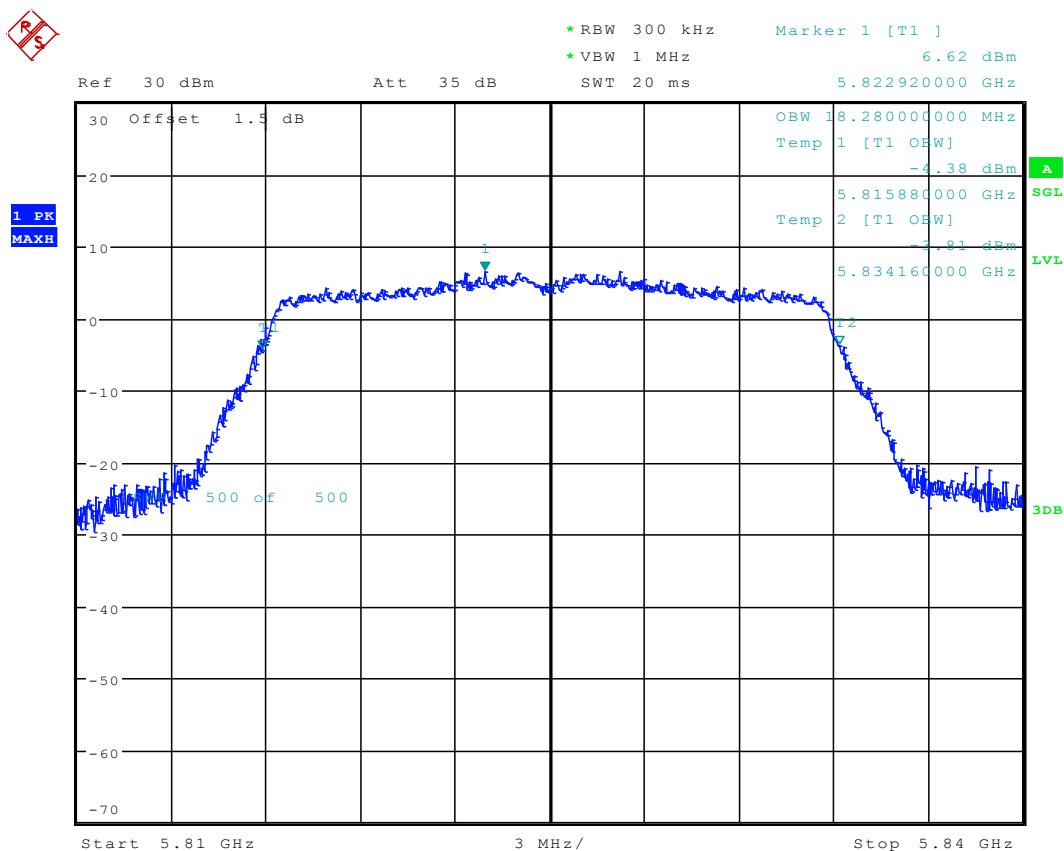


1 PK
MAXH



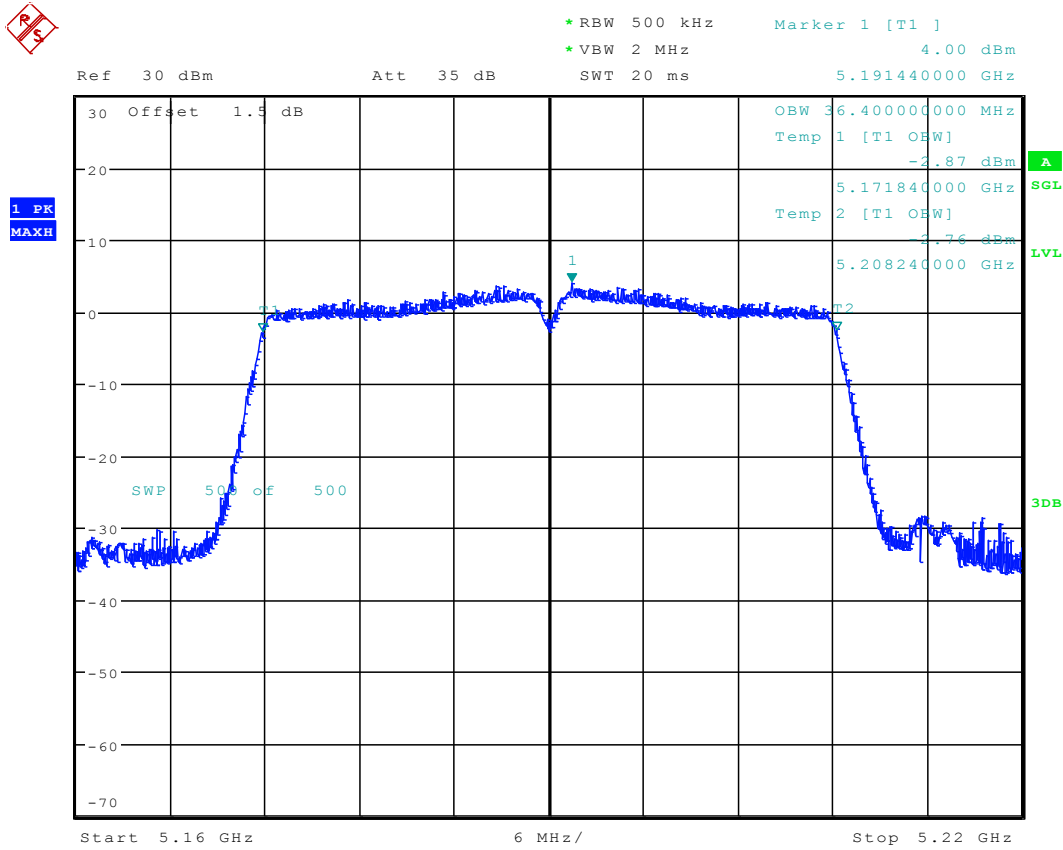
Date: 30.JAN.2016 14:19:10

5.16 11N20_165 Ant 1



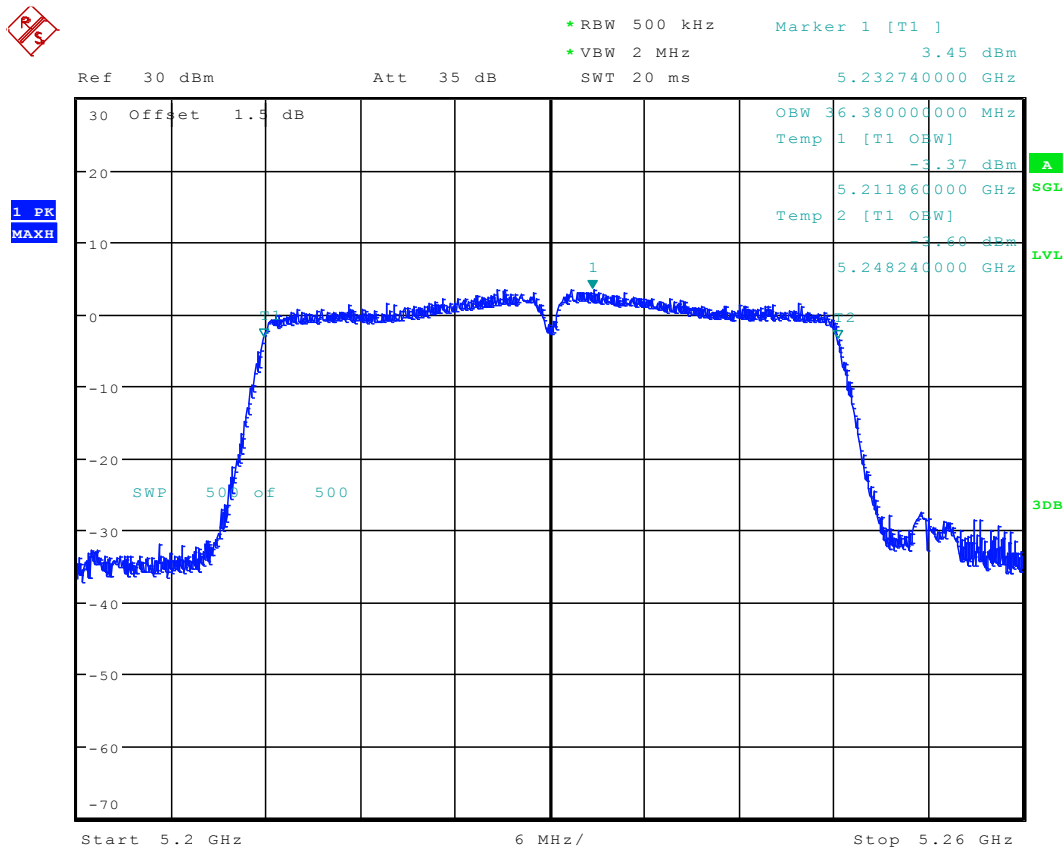
Date: 30.JAN.2016 14:24:52

5.17 11N40_38 Ant 1



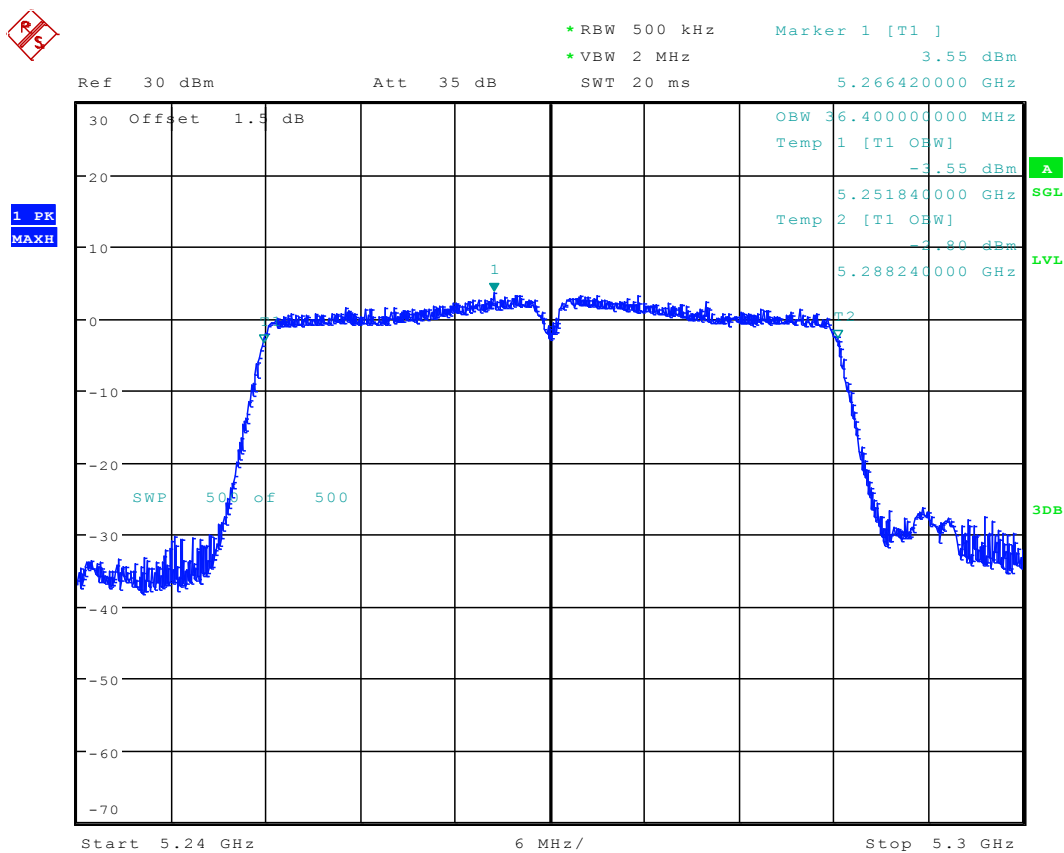
Date: 1.FEB.2016 16:55:46

5.18 11N40_46 Ant 1



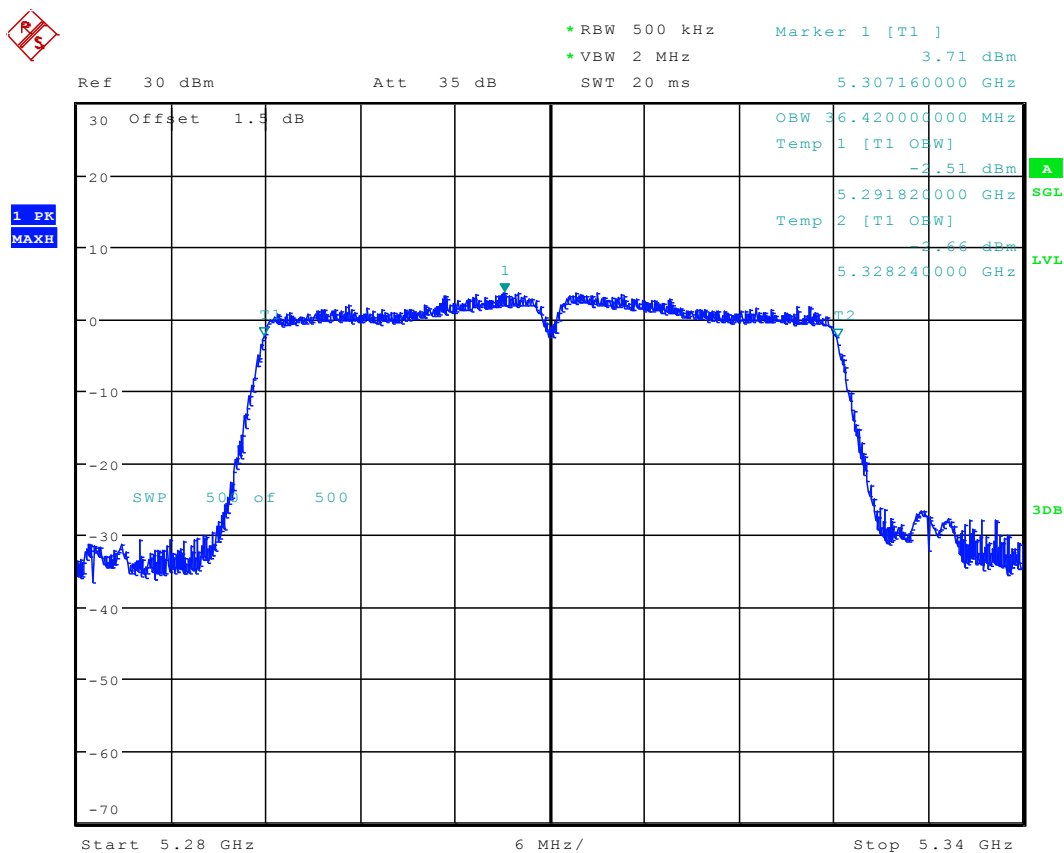
Date: 1.FEB.2016 17:01:54

5.19 11N40_54 Ant 1



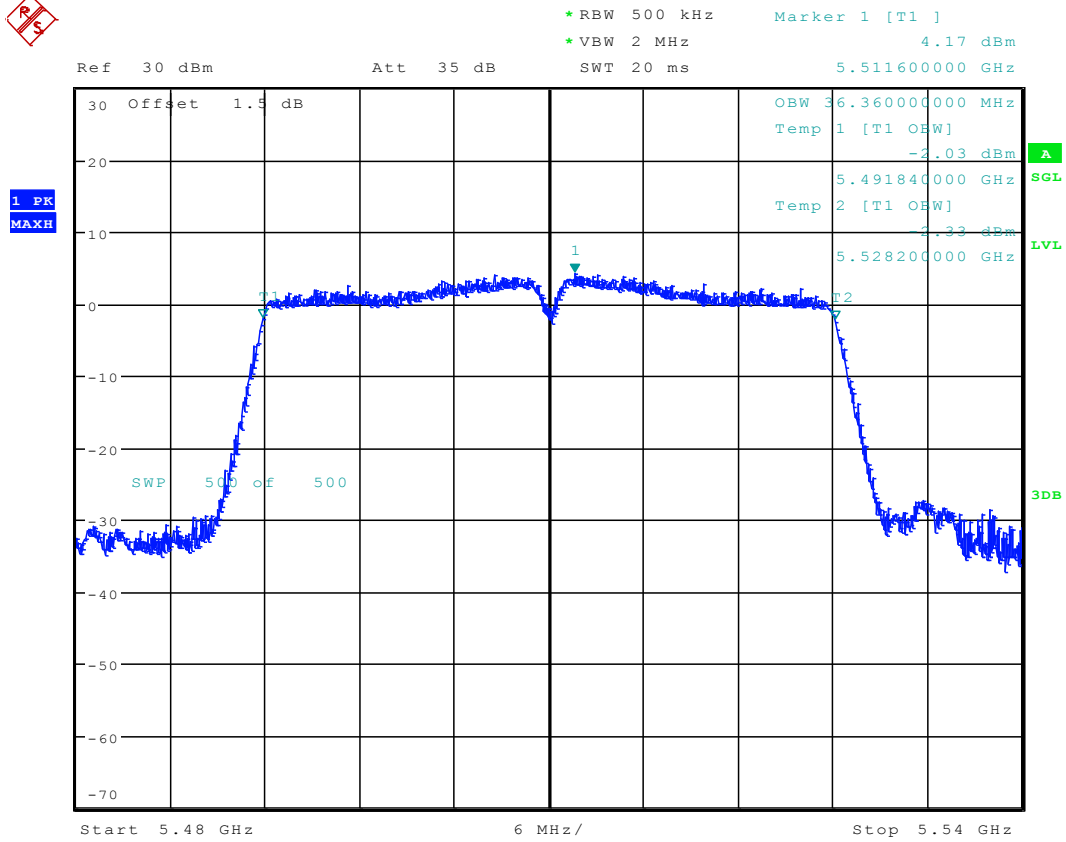
Date: 1.FEB.2016 17:07:17

5.20 11N40_62 Ant 1



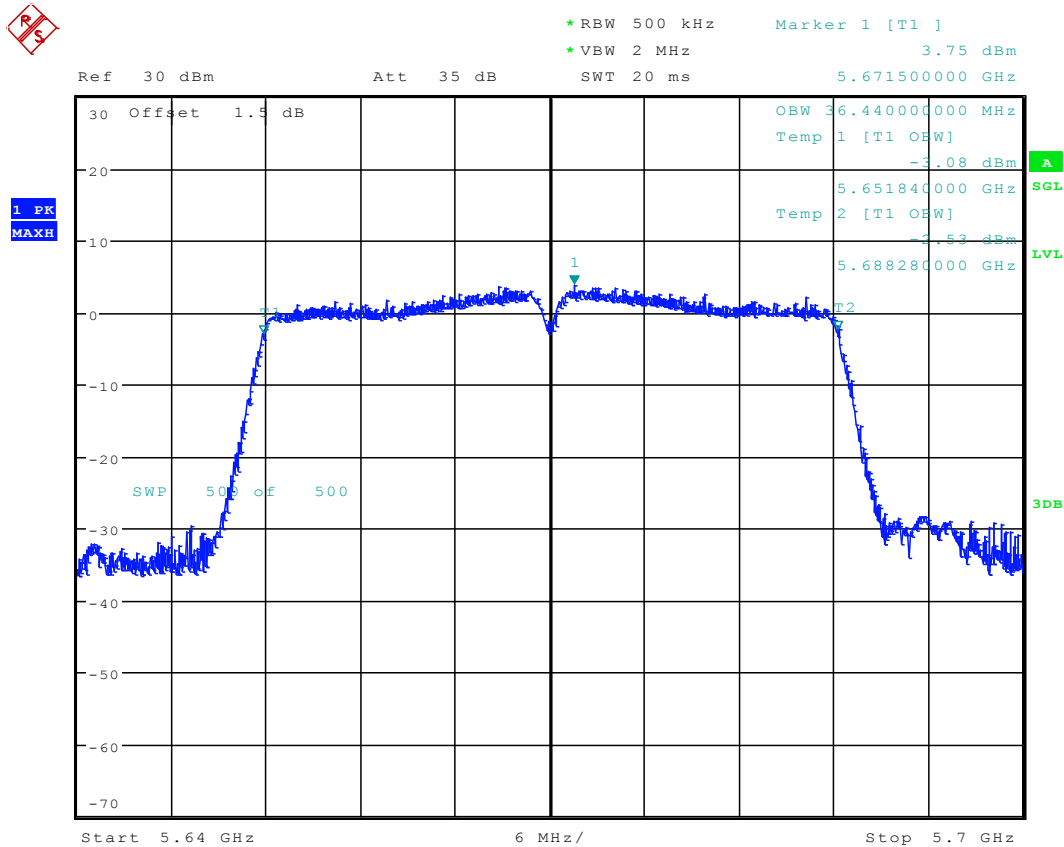
Date: 1.FEB.2016 16:10:19

5.21 11N40_102 Ant 1



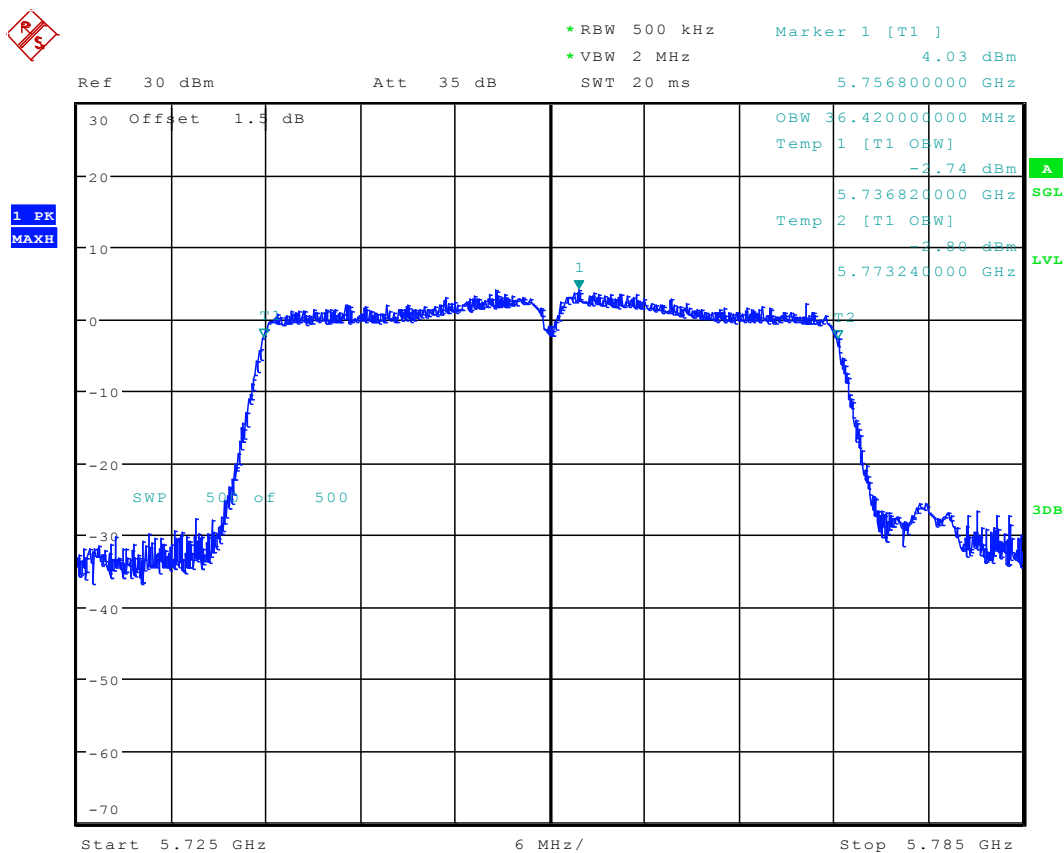
Date: 1.FEB.2016 17:12:50

5.22 11N40_134 Ant 1



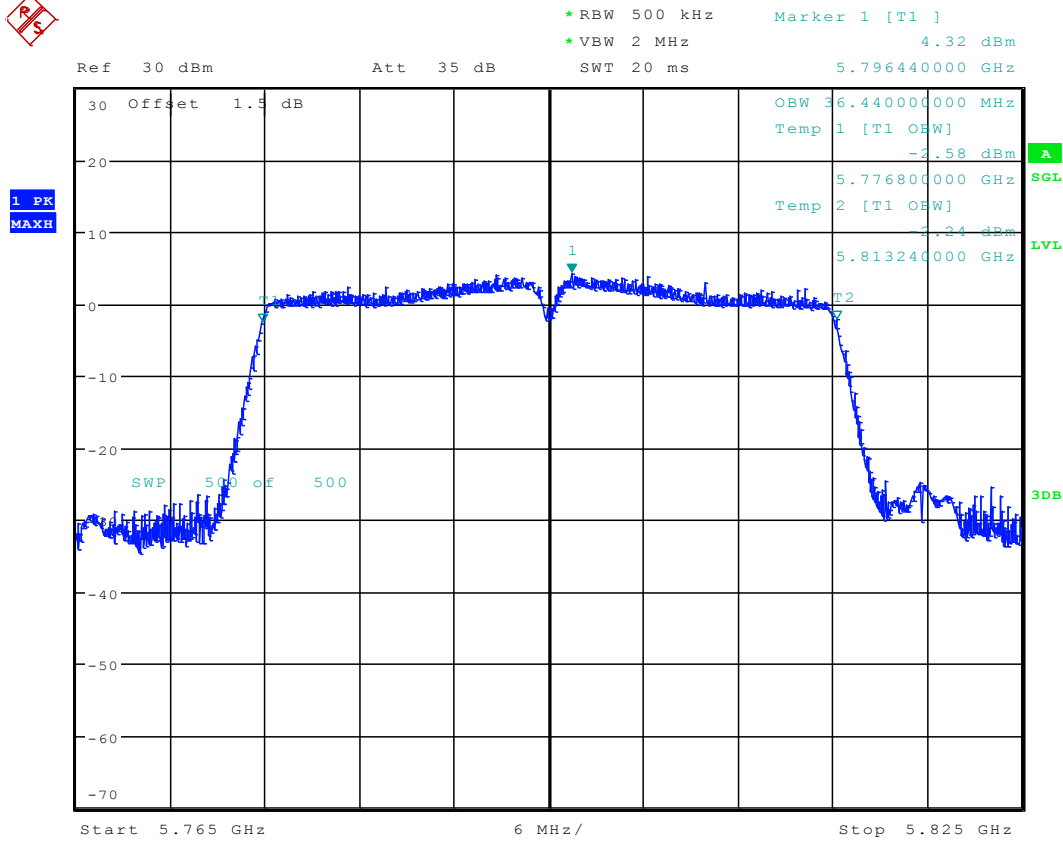
Date: 1.FEB.2016 17:15:59

5.23 11N40_151 Ant 1



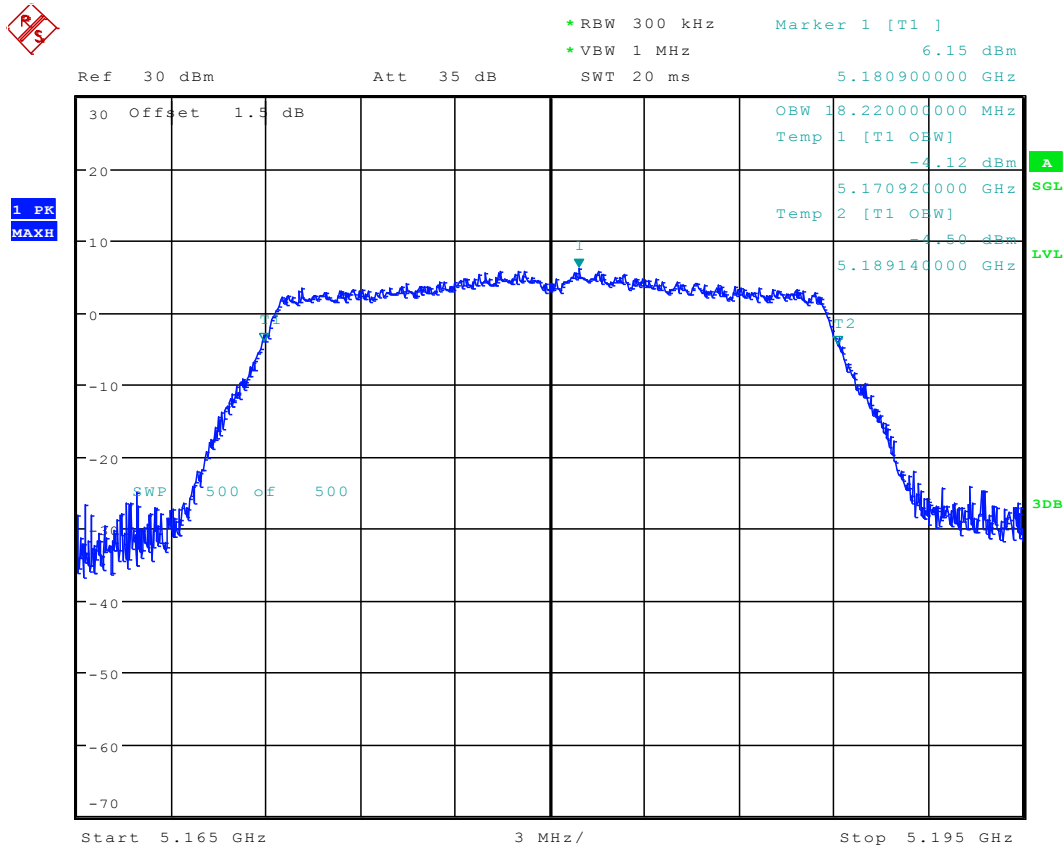
Date: 1.FEB.2016 16:39:27

5.24 11N40_159 Ant 1



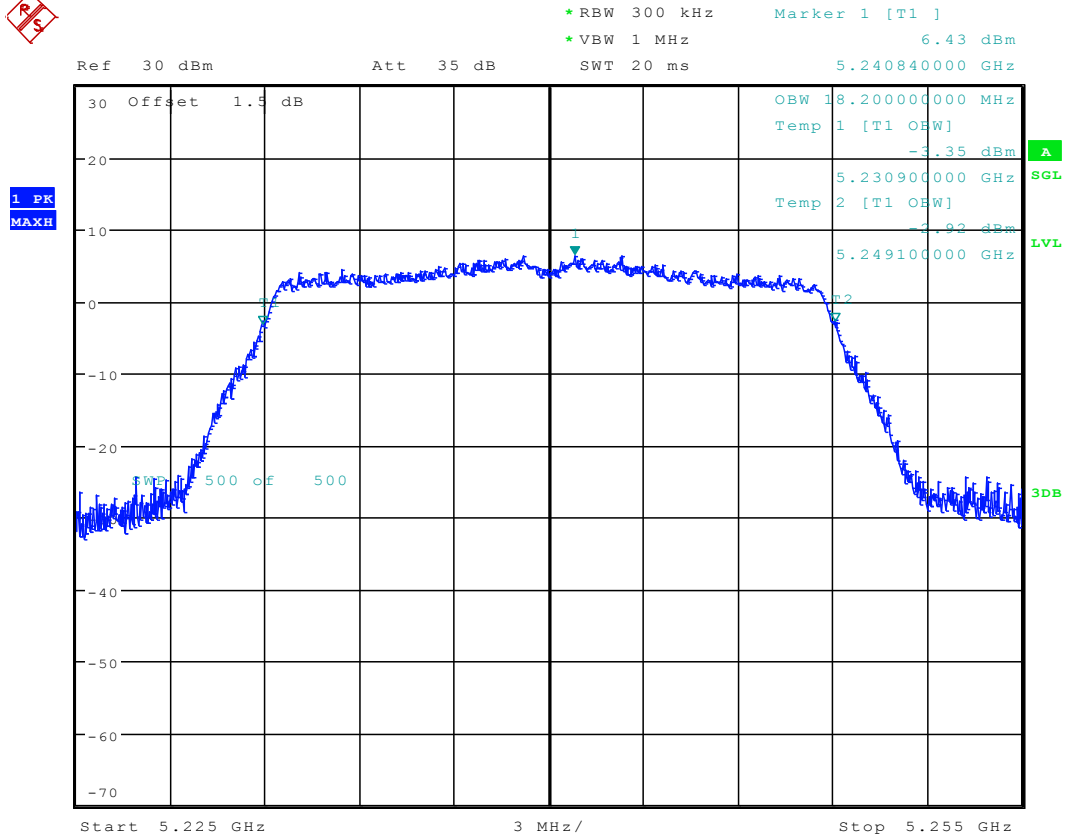
Date: 1.FEB.2016 16:45:08

5.25 11AC20_36 Ant 1



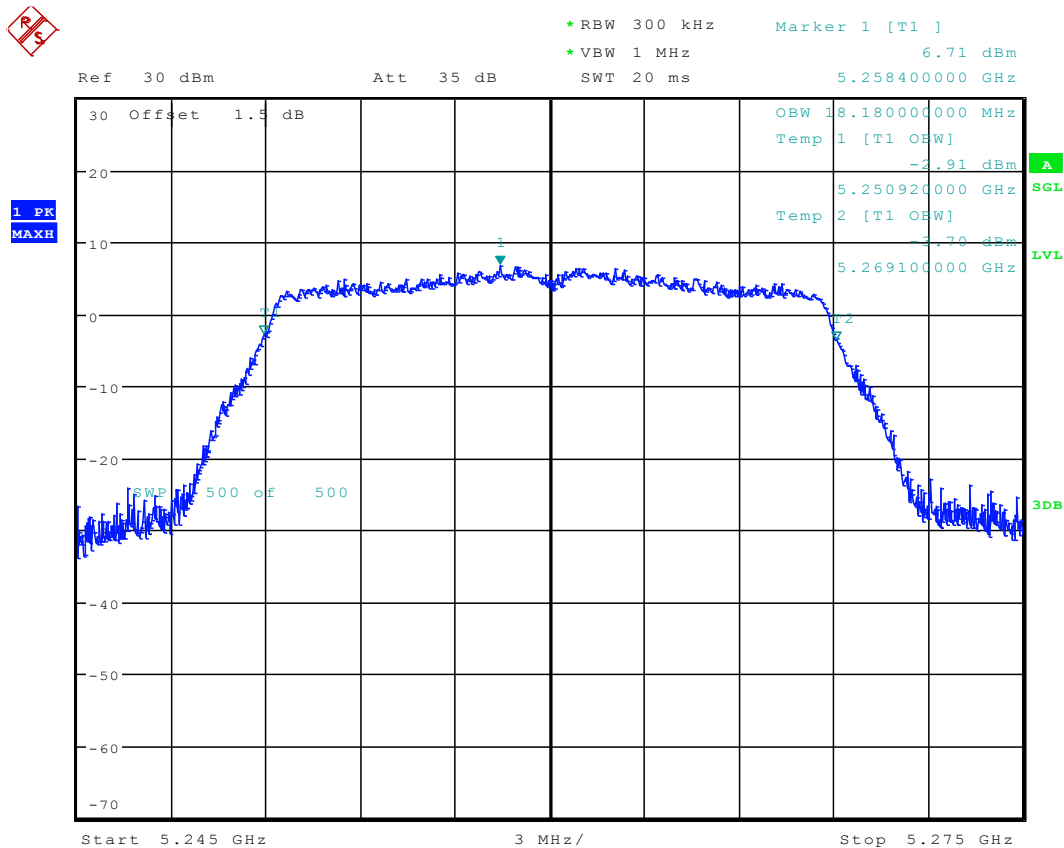
Date: 30.JAN.2016 15:20:44

5.26 11AC20_48 Ant 1



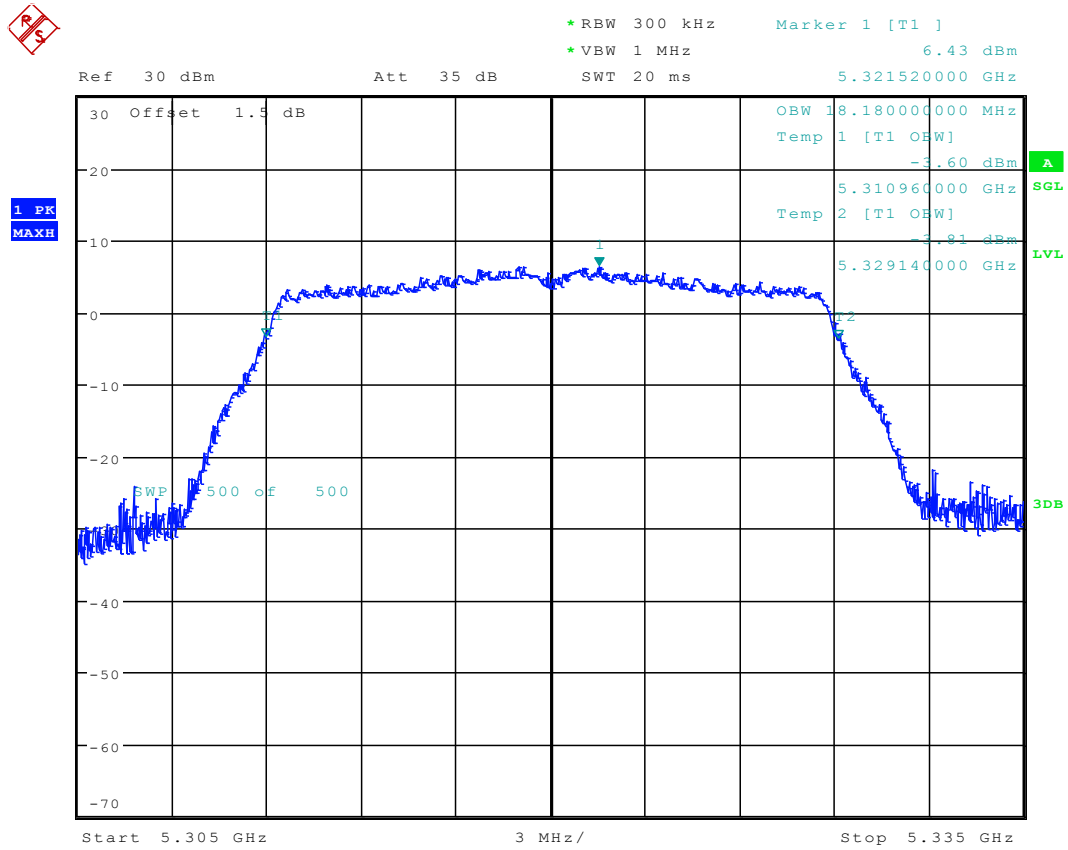
Date: 30.JAN.2016 15:26:08

5.27 11AC20_52 Ant 1



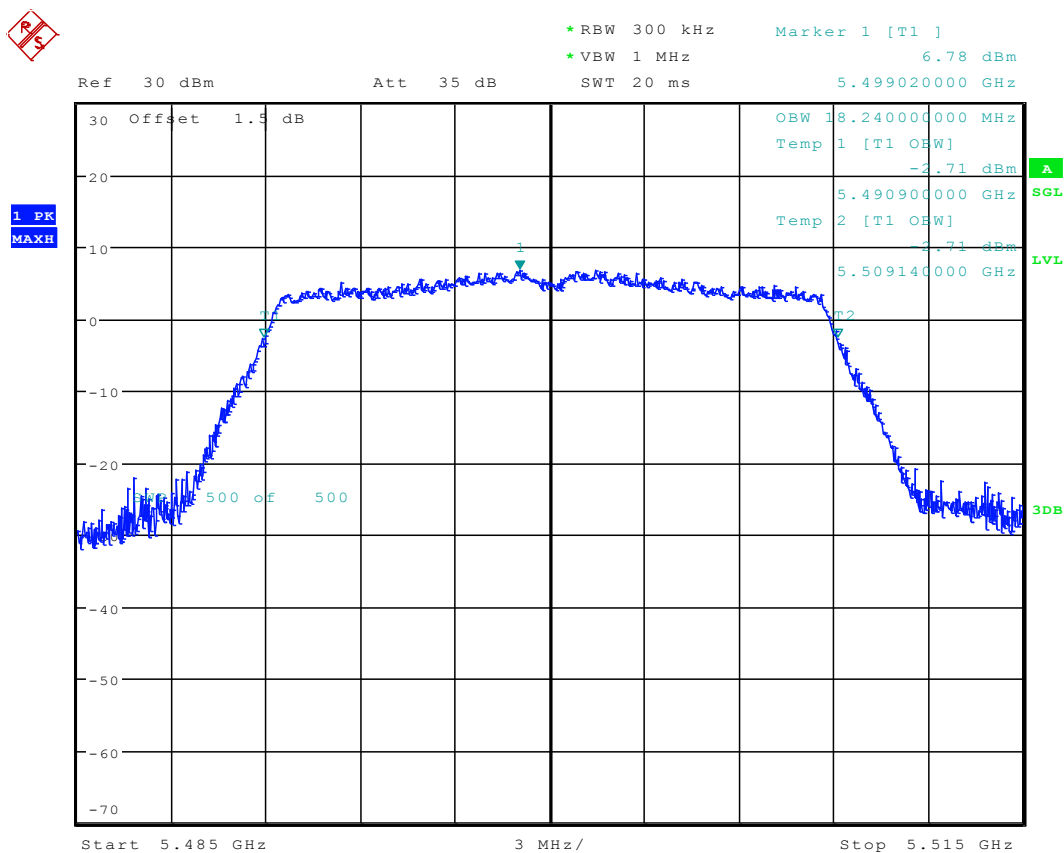
Date: 30.JAN.2016 15:32:02

5.28 11AC20_64 Ant 1



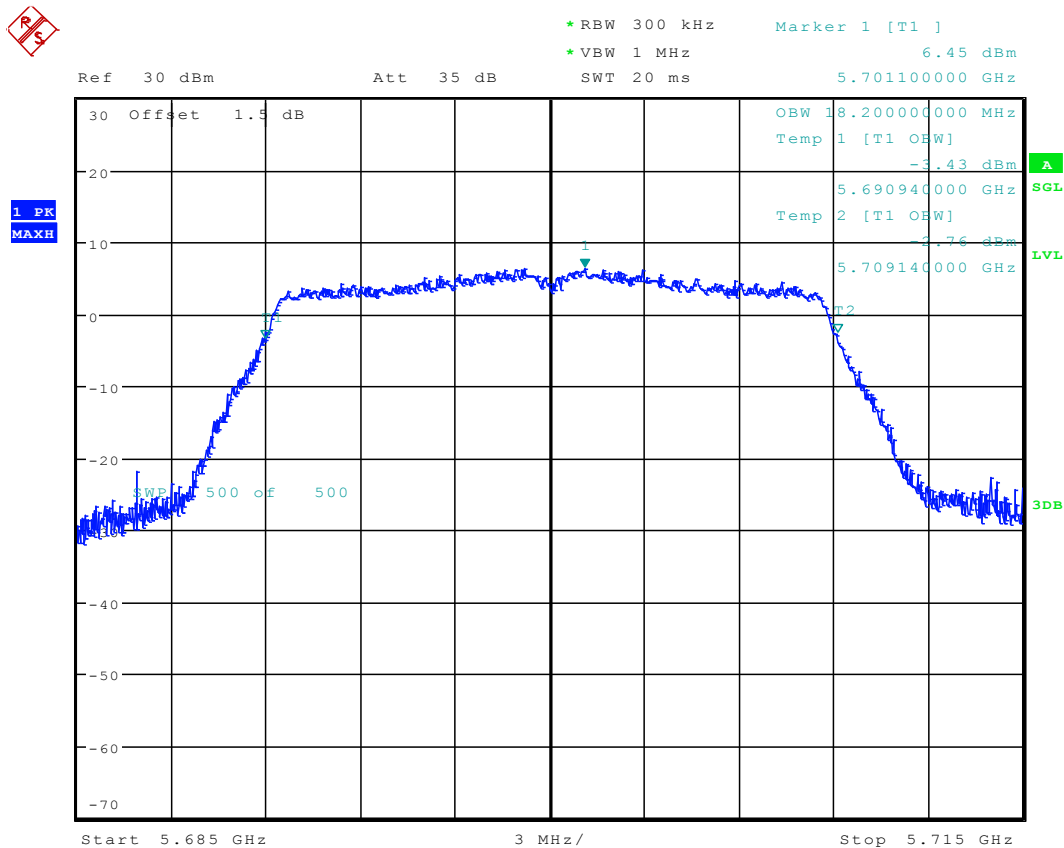
Date: 30.JAN.2016 15:36:46

5.29 11AC20_100 Ant 1



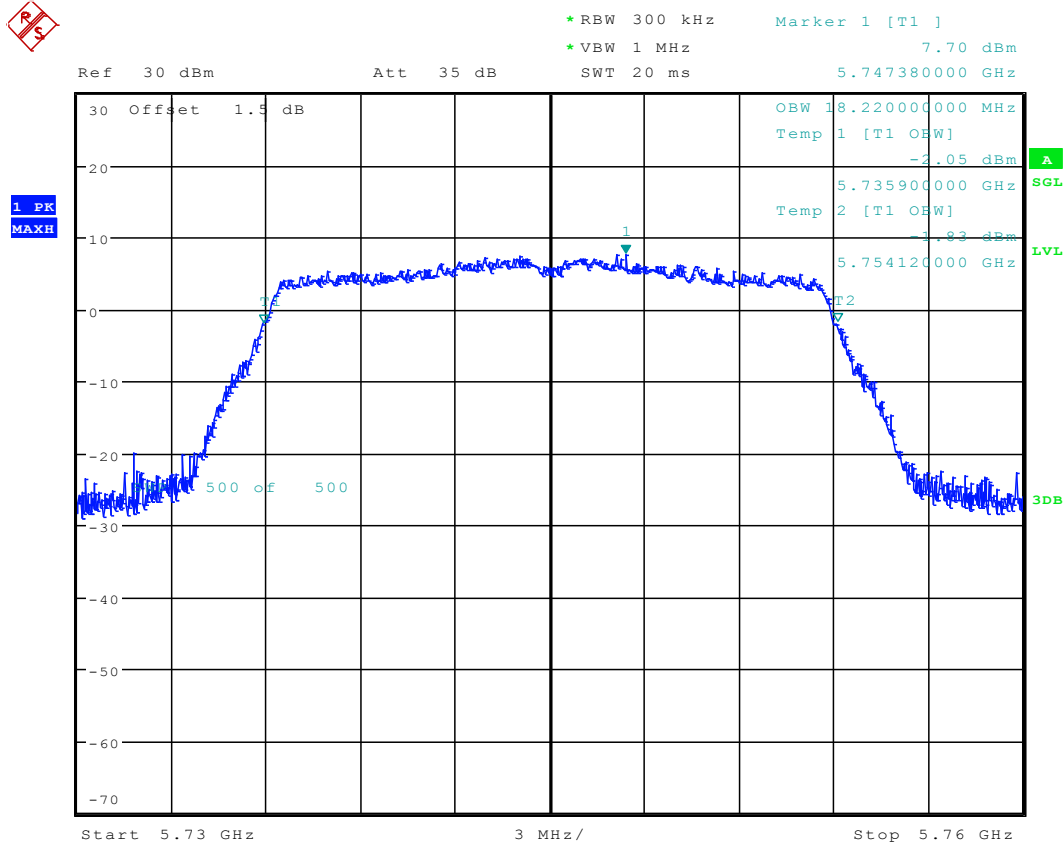
Date: 30.JAN.2016 15:43:07

5.30 11AC20_140 Ant 1

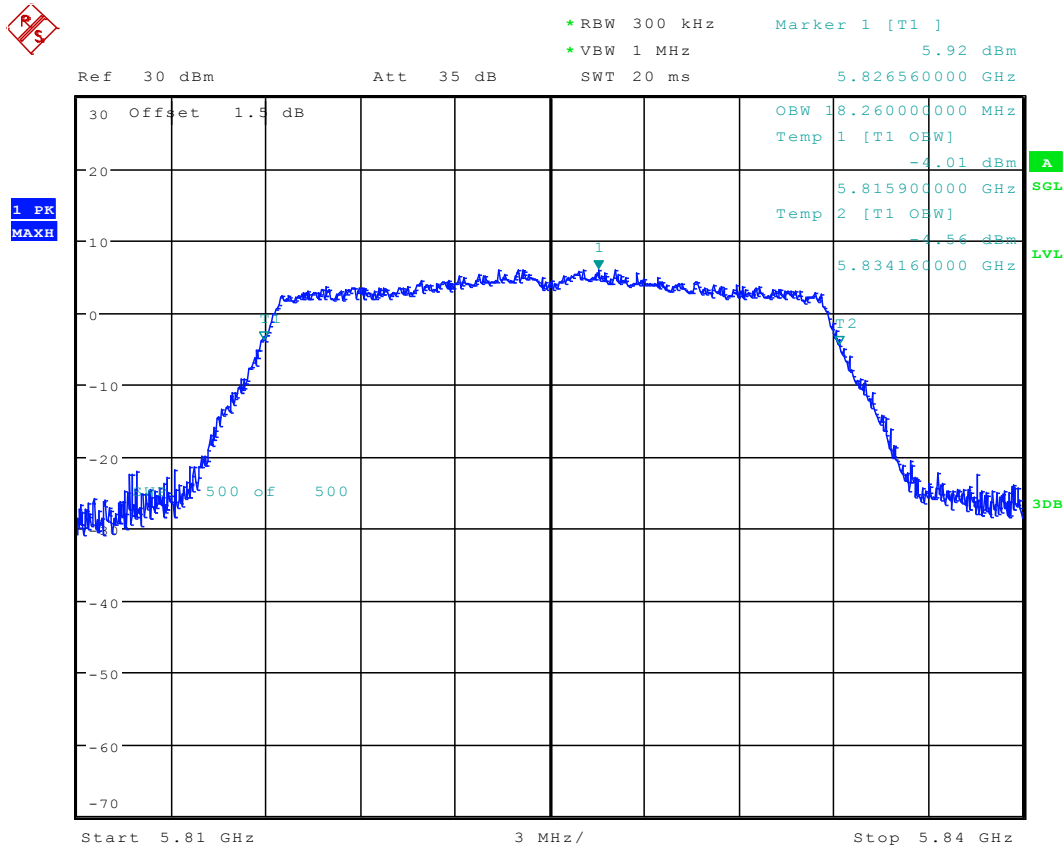


Date: 30.JAN.2016 15:48:29

5.31 11AC20_149 Ant 1

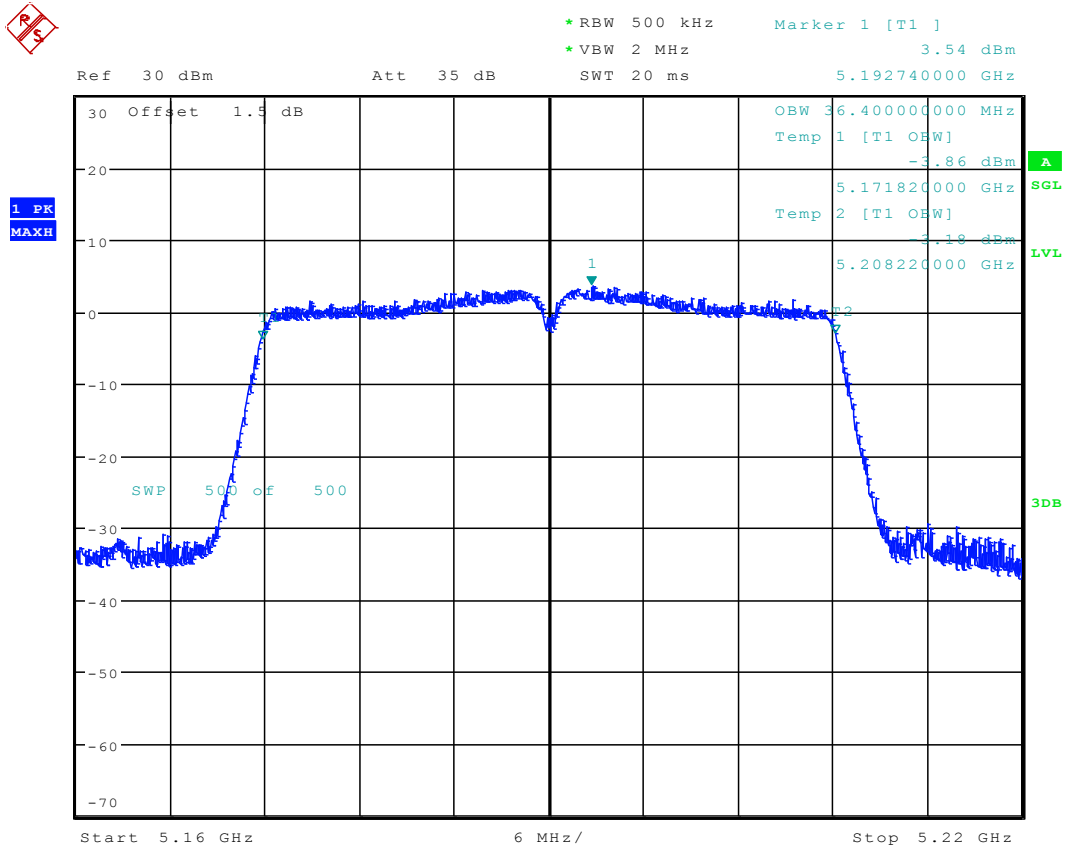


5.32 11AC20_165 Ant 1



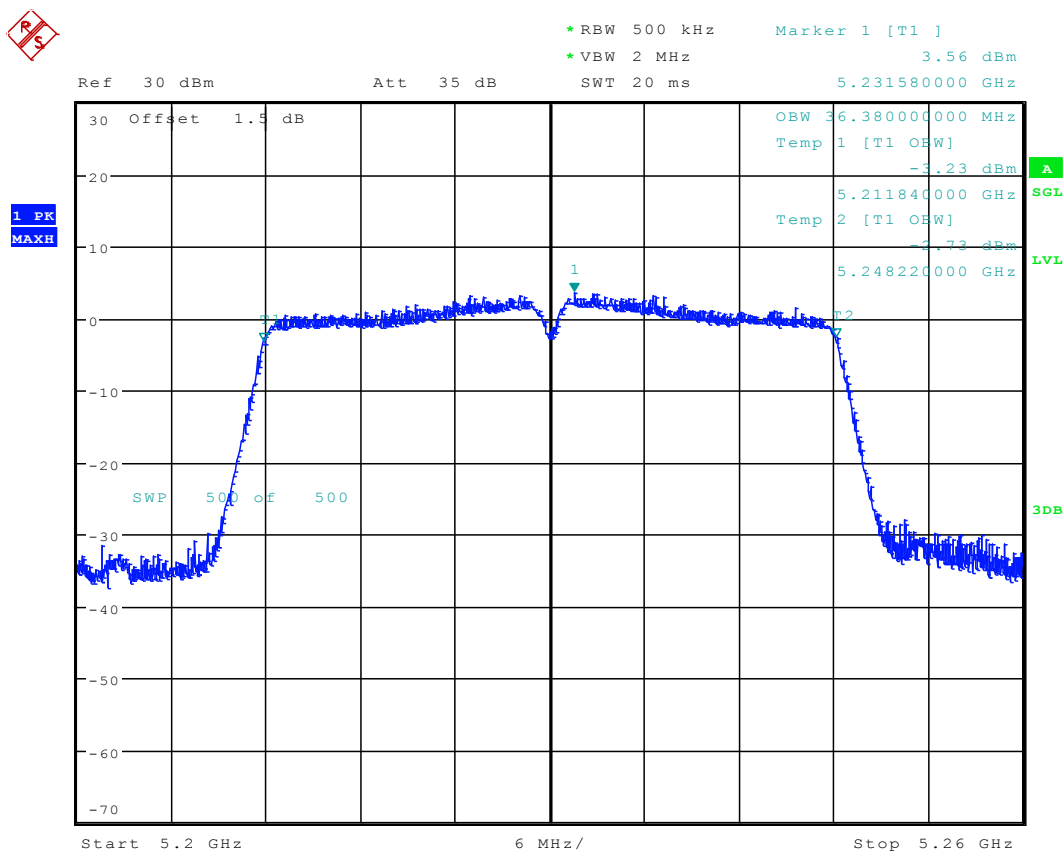
Date: 30.JAN.2016 15:59:39

5.33 11AC40_38 Ant 1



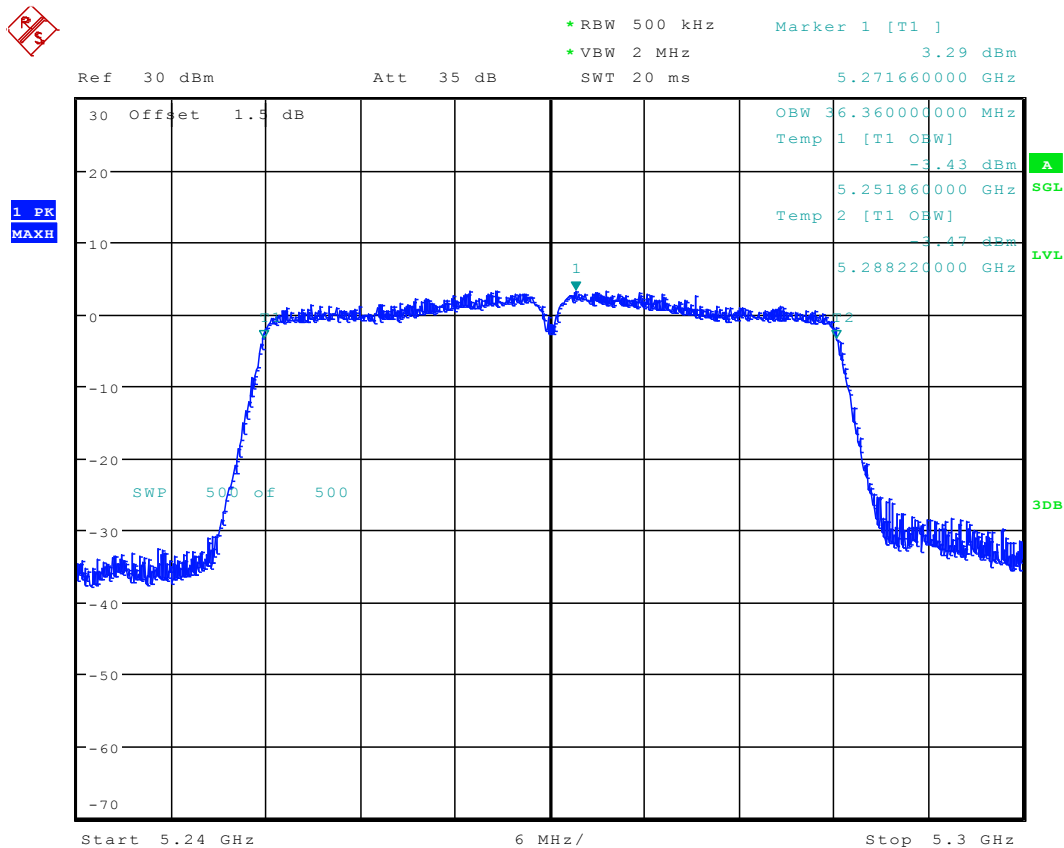
Date: 1.FEB.2016 17:21:26

5.34 11AC40_46 Ant 1



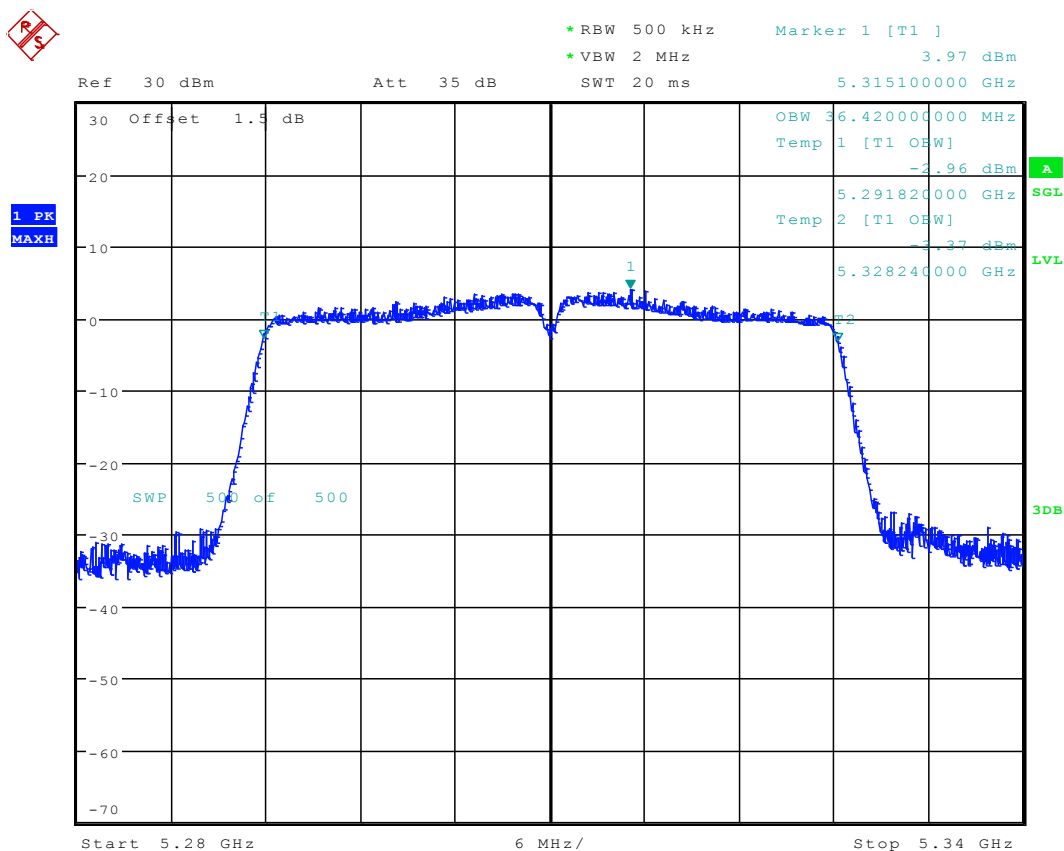
Date: 1.FEB.2016 17:27:56

5.35 11AC40_54 Ant 1



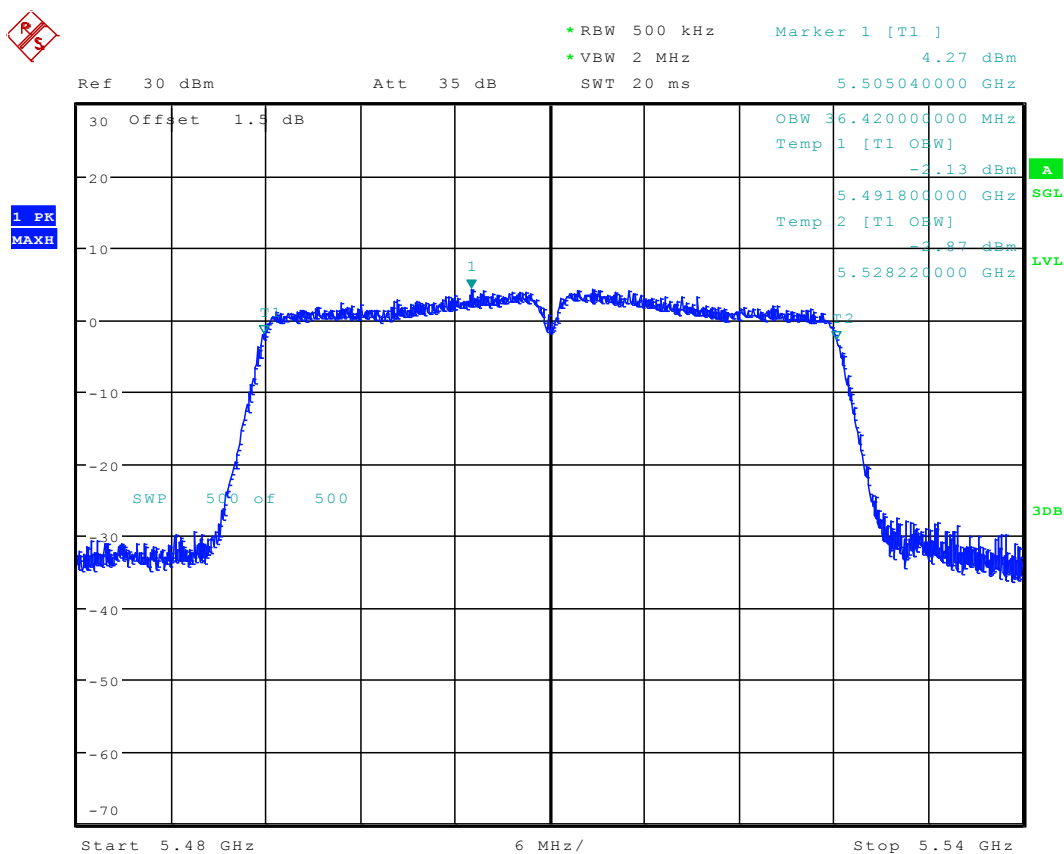
Date: 1.FEB.2016 17:34:27

5.36 11AC40_62 Ant 1



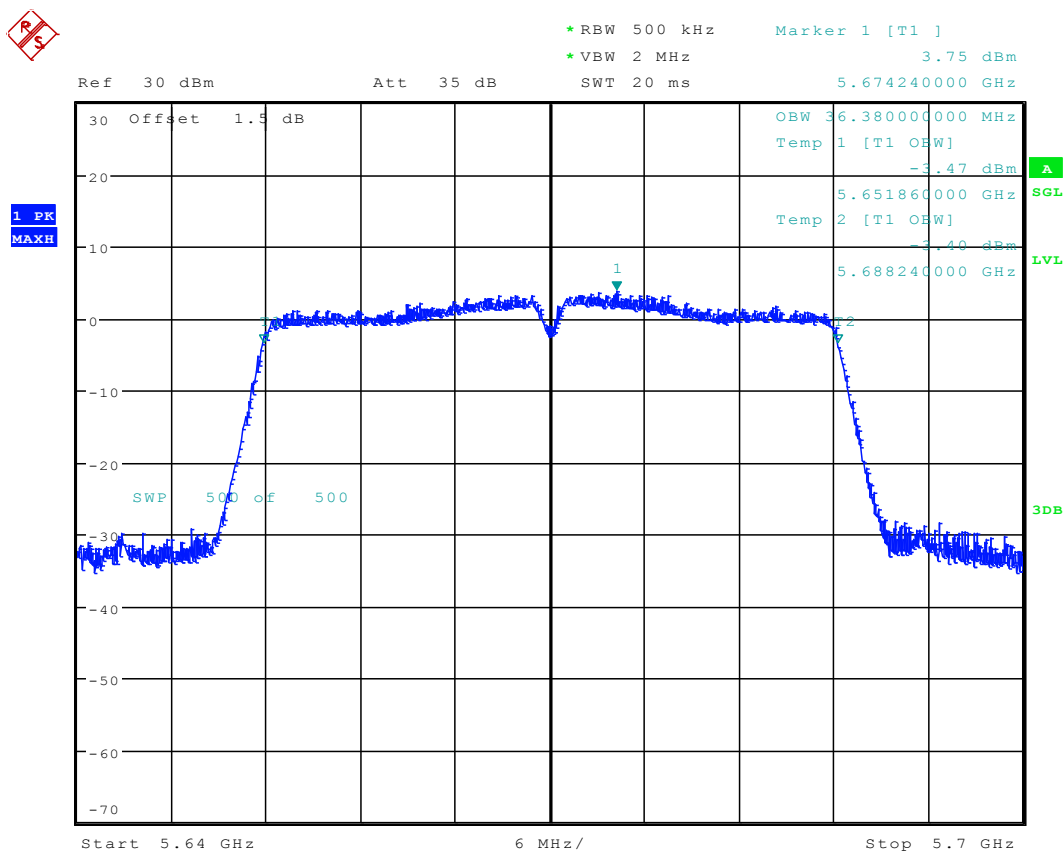
Date: 1.FEB.2016 17:39:28

5.37 11AC40_102 Ant 1



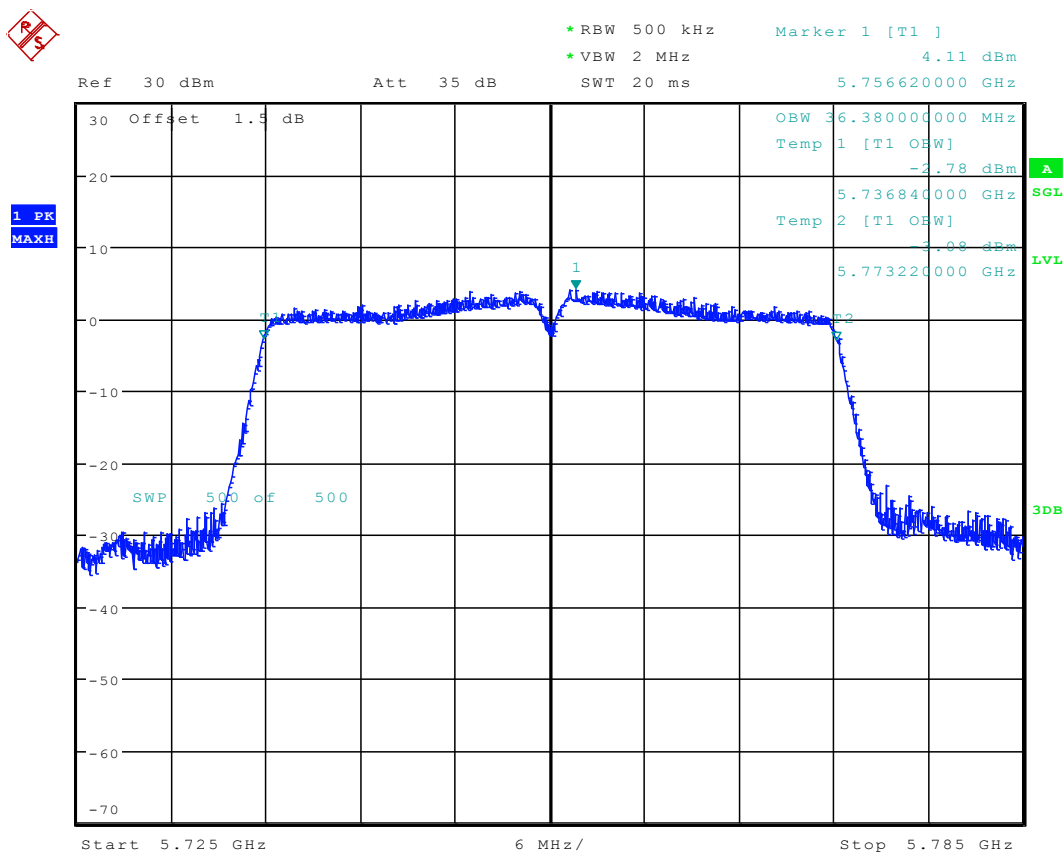
Date: 1.FEB.2016 17:44:18

5.38 11AC40_134 Ant 1



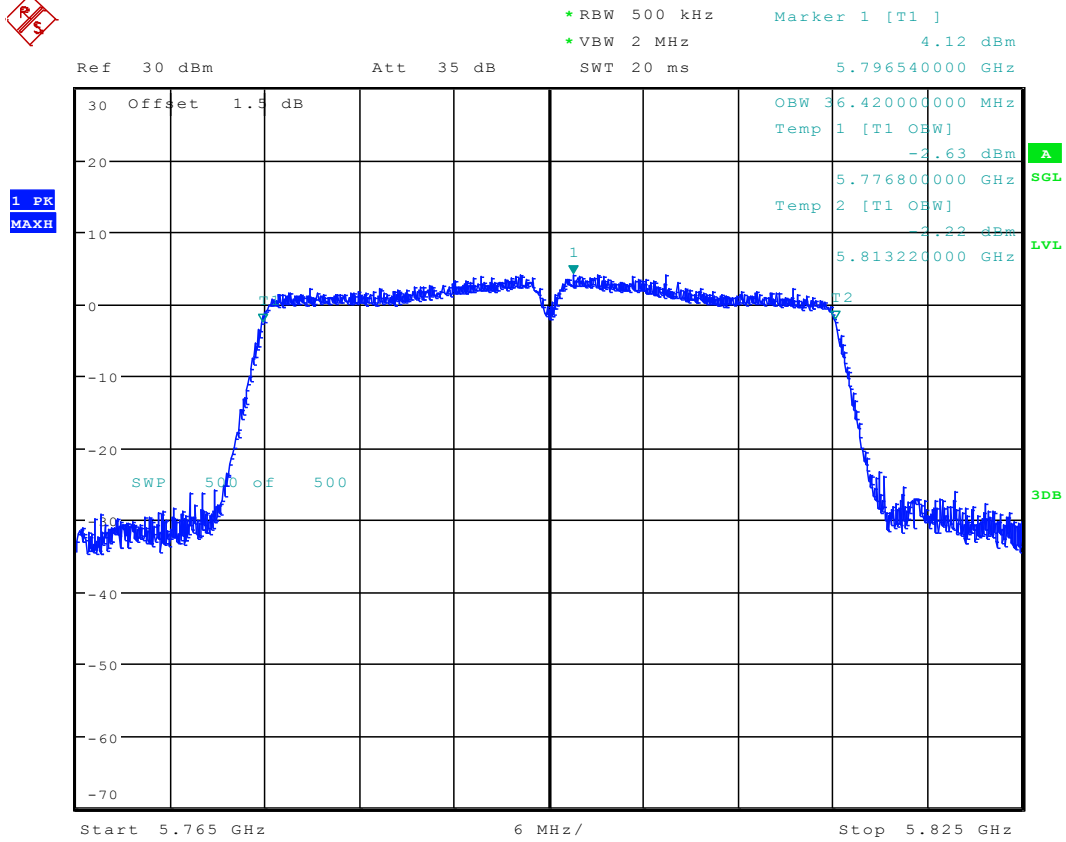
Date: 1.FEB.2016 17:47:57

5.39 11AC40_151 Ant 1



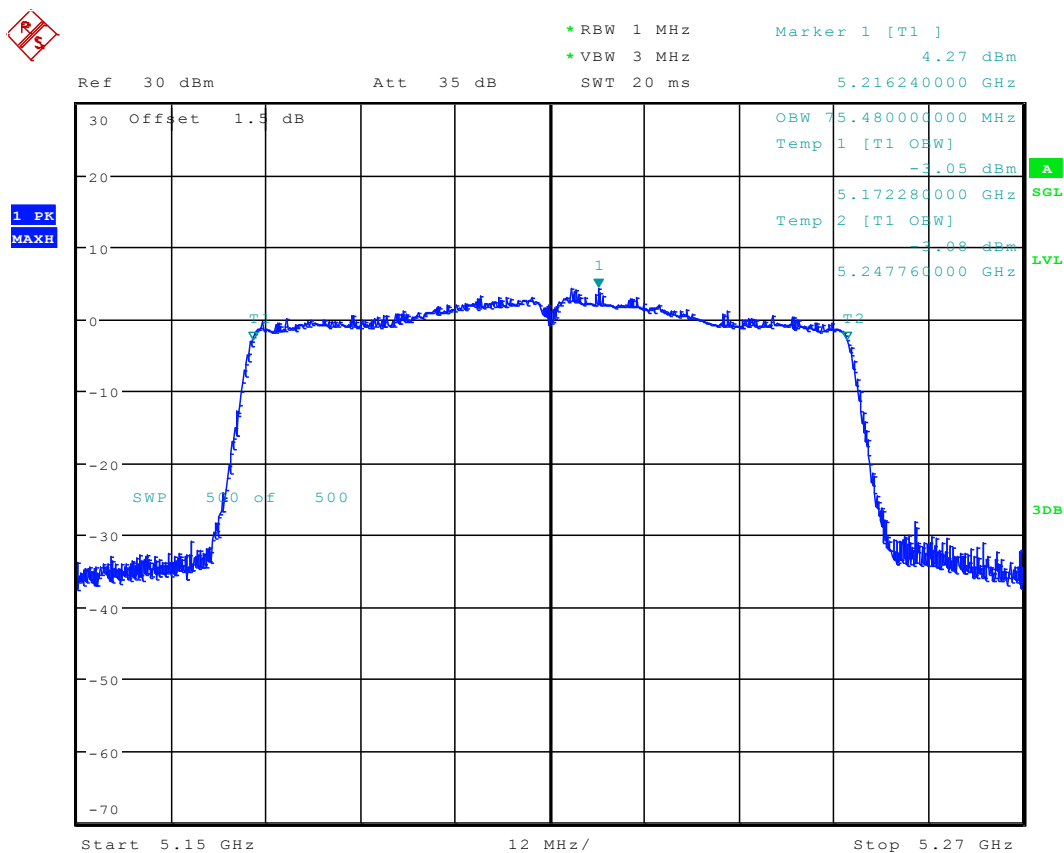
Date: 1.FEB.2016 17:52:40

5.40 11AC40_159 Ant 1



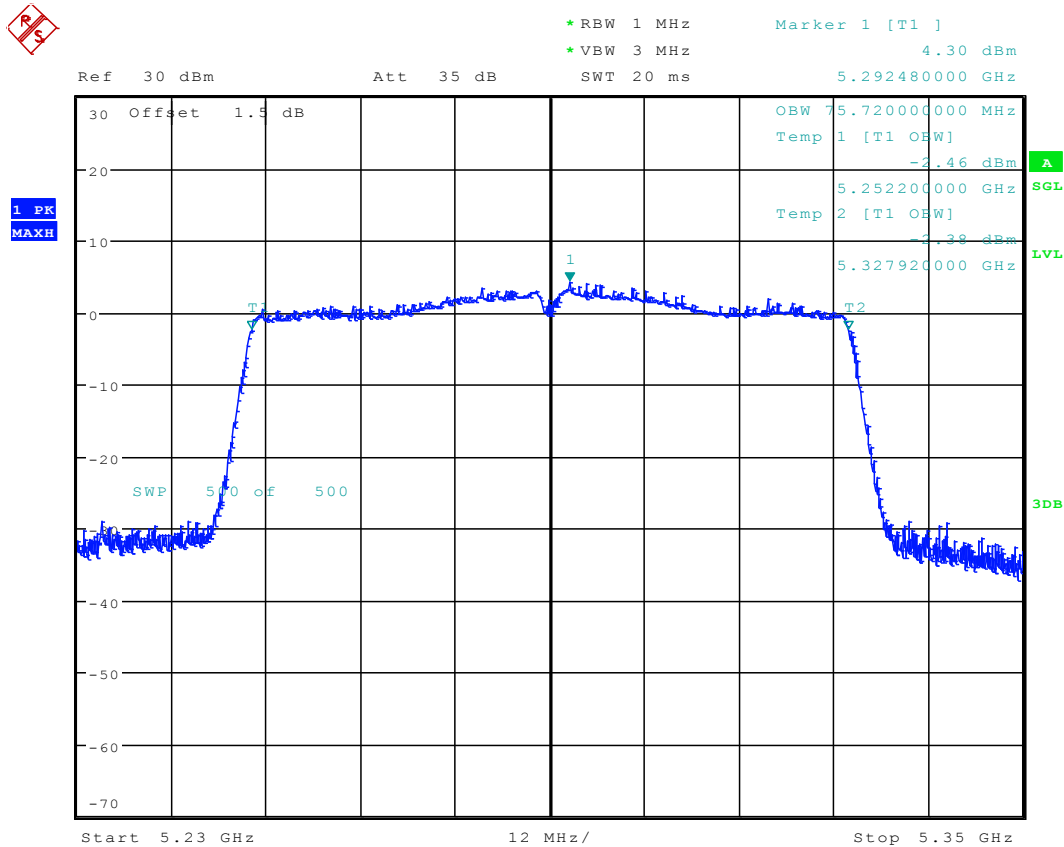
Date: 1.FEB.2016 17:57:57

5.41 11AC80_42 Ant 1



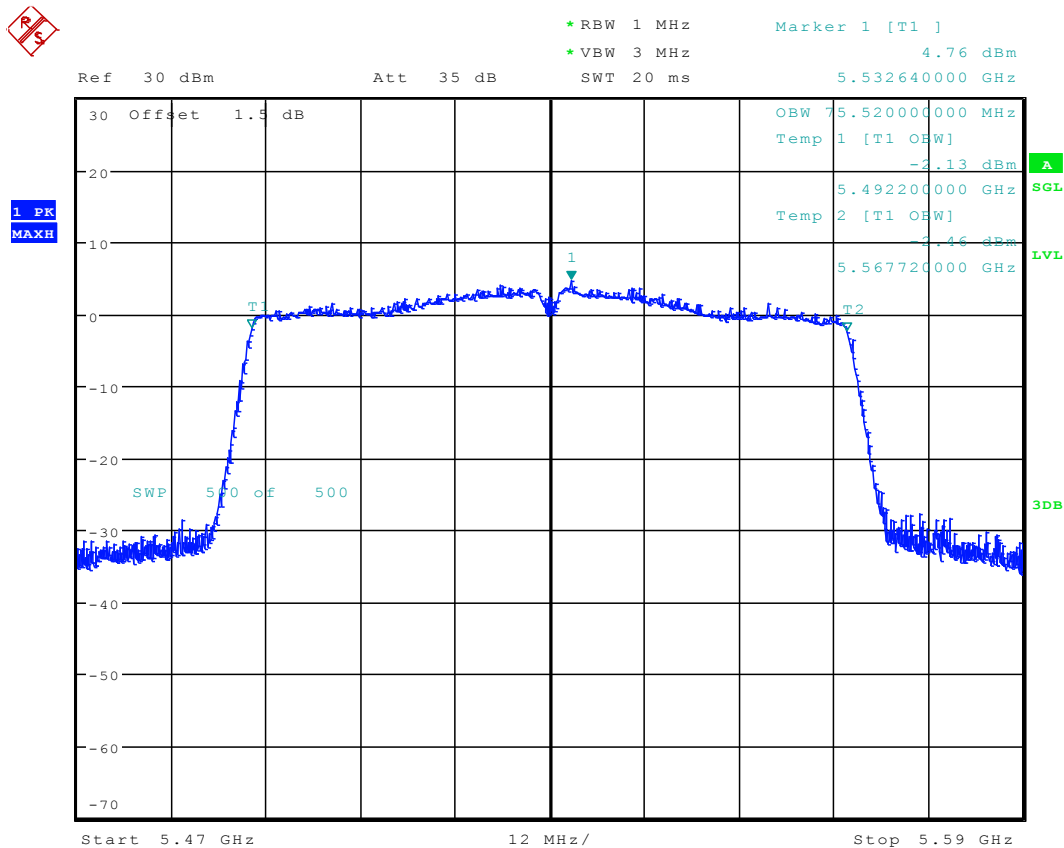
Date: 30.JAN.2016 17:13:05

5.42 11AC80_58 Ant 1



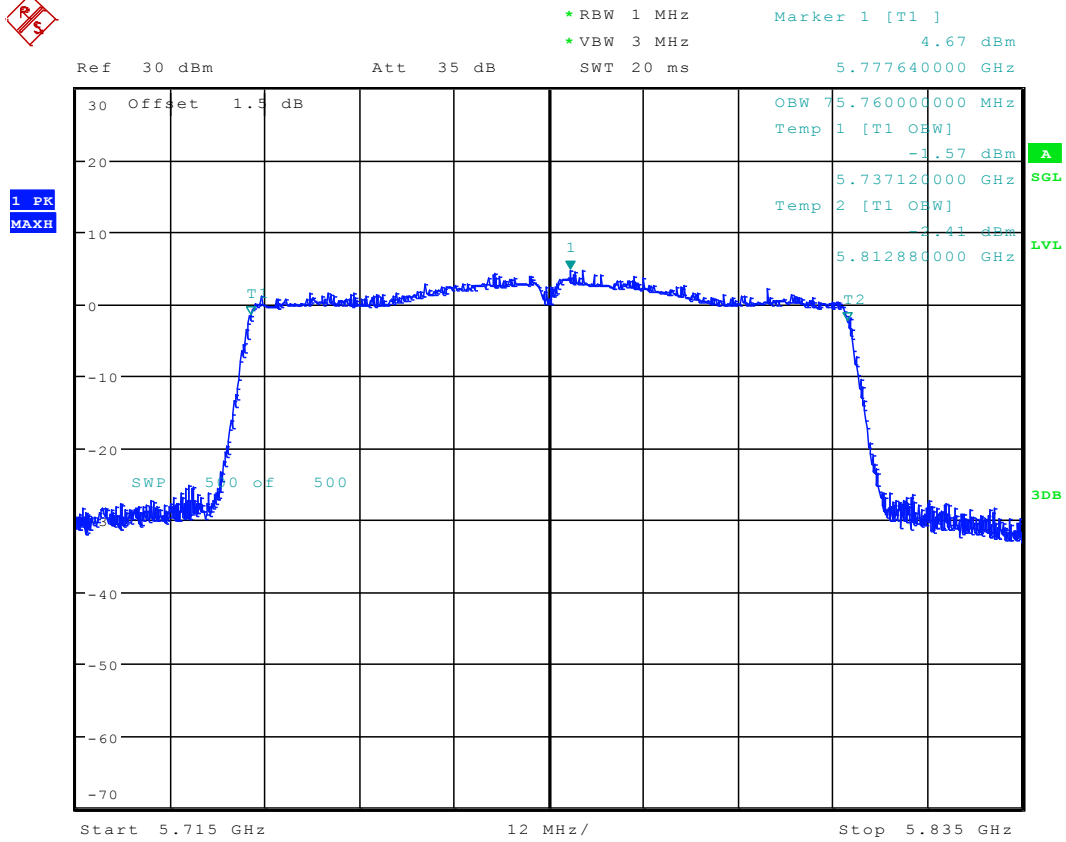
Date: 30.JAN.2016 17:17:59

5.43 11AC80_106 Ant 1



Date: 30.JAN.2016 17:22:39

5.44 11AC80_155 Ant 1



Date: 30.JAN.2016 17:39:15

Appendix C: Duty Cycle

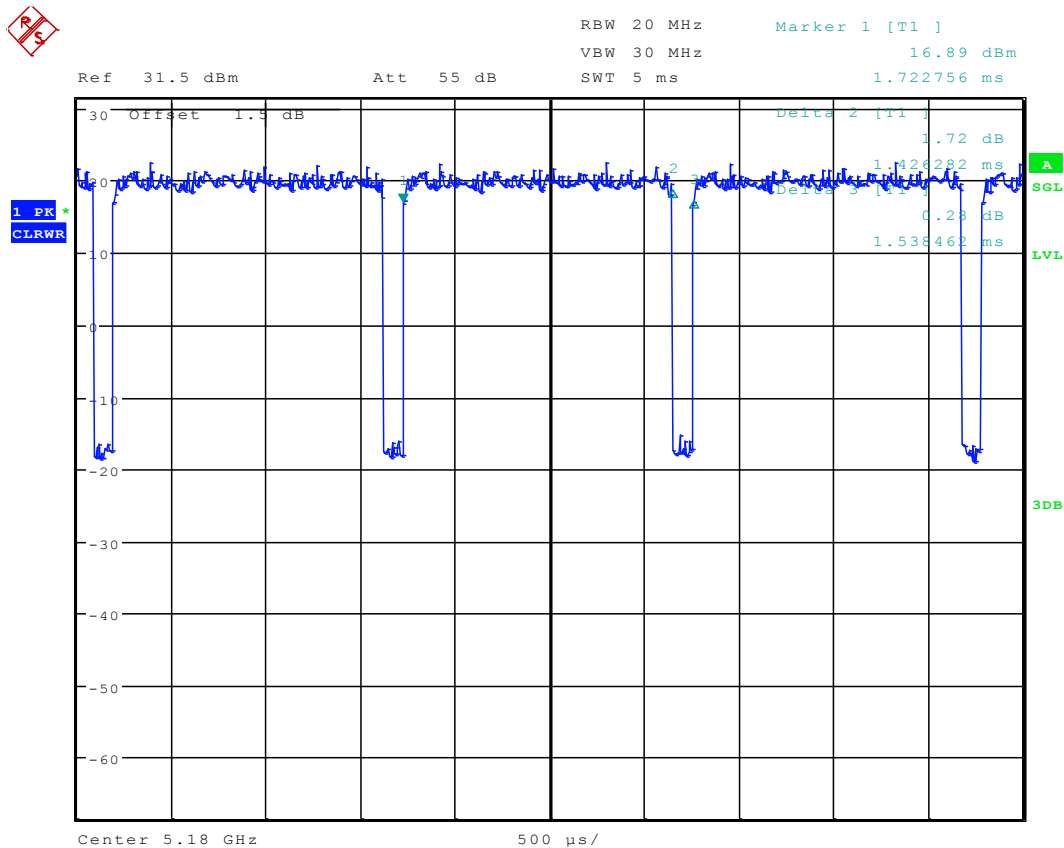
6 Part I - Test Results

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Duty cycle [%]
11A	36,	5180	Ant 1	93
11A	48	5240	Ant 1	93
11A	52	5260	Ant 1	93
11A	64	5320	Ant 1	93
11A	100	5500	Ant 1	93
11A	140	5700	Ant 1	93
11A	149	5745	Ant 1	93
11A	165	5825	Ant 1	93
11N20	36	5180	Ant 1	93
11N20	48	5240	Ant 1	93
11N20	52	5260	Ant 1	93
11N20	64	5320	Ant 1	93
11N20	100	5500	Ant 1	93
11N20	140	5700	Ant 1	93
11N20	149	5745	Ant 1	93
11N20	165	5825	Ant 1	93
11N40	38	5190	Ant 1	87
11N40	46	5230	Ant 1	87
11N40	54	5270	Ant 1	87
11N40	62	5310	Ant 1	87
11N40	102	5510	Ant 1	87
11N40	134	5670	Ant 1	87
11N40	151	5755	Ant 1	87
11N40	159	5795	Ant 1	87
11AC20	36	5180	Ant 1	93
11AC20	48	5240	Ant 1	93
11AC20	52	5260	Ant 1	93
11AC20	64	5320	Ant 1	93
11AC20	100	5500	Ant 1	93
11AC20	140	5700	Ant 1	93
11AC20	149	5745	Ant 1	93
11AC20	165	5825	Ant 1	93
11AC40	38	5190	Ant 1	93
11AC40	46	5230	Ant 1	93

11AC40	54	5270	Ant 1	93
11AC40	62	5310	Ant 1	93
11AC40	102	5510	Ant 1	93
11AC40	134	5670	Ant 1	93
11AC40	151	5755	Ant 1	93
11AC40	159	5795	Ant 1	93
11AC80	42	5210	Ant 1	86
11AC80	58	5290	Ant 1	86
11AC80	106	5530	Ant 1	86
11AC80	155	5775	Ant 1	86

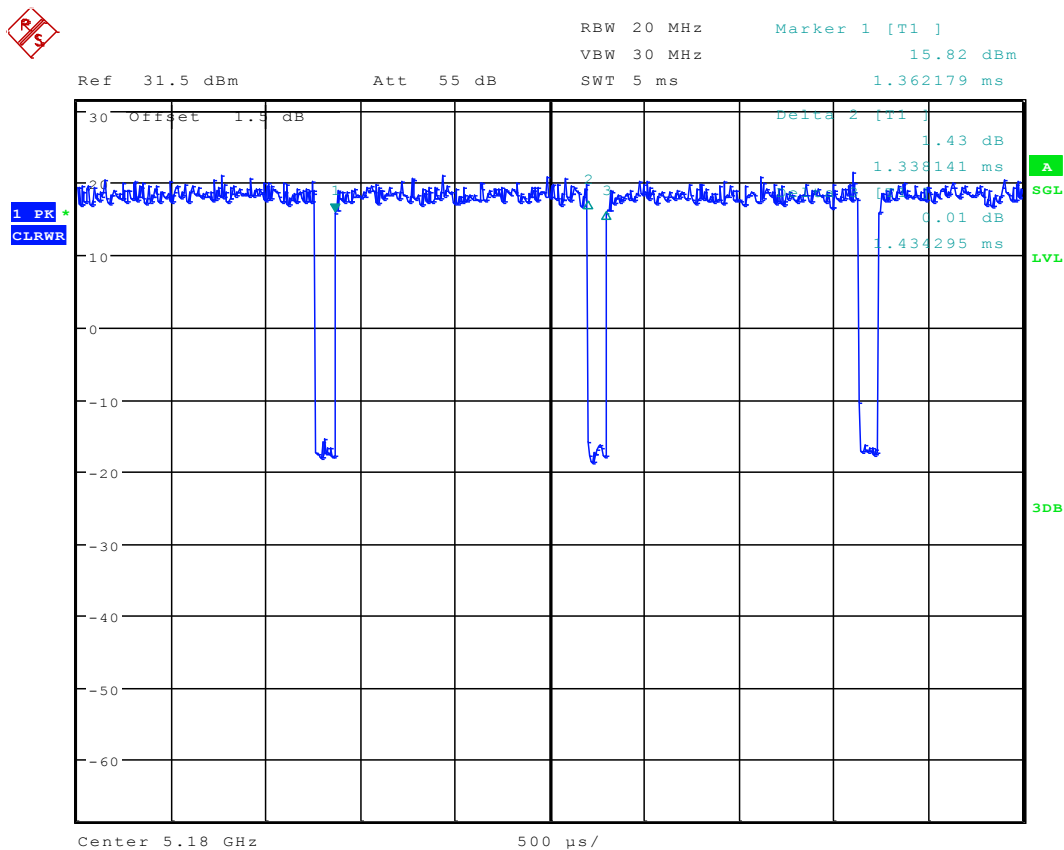
7 Test Plot

7.1 11A



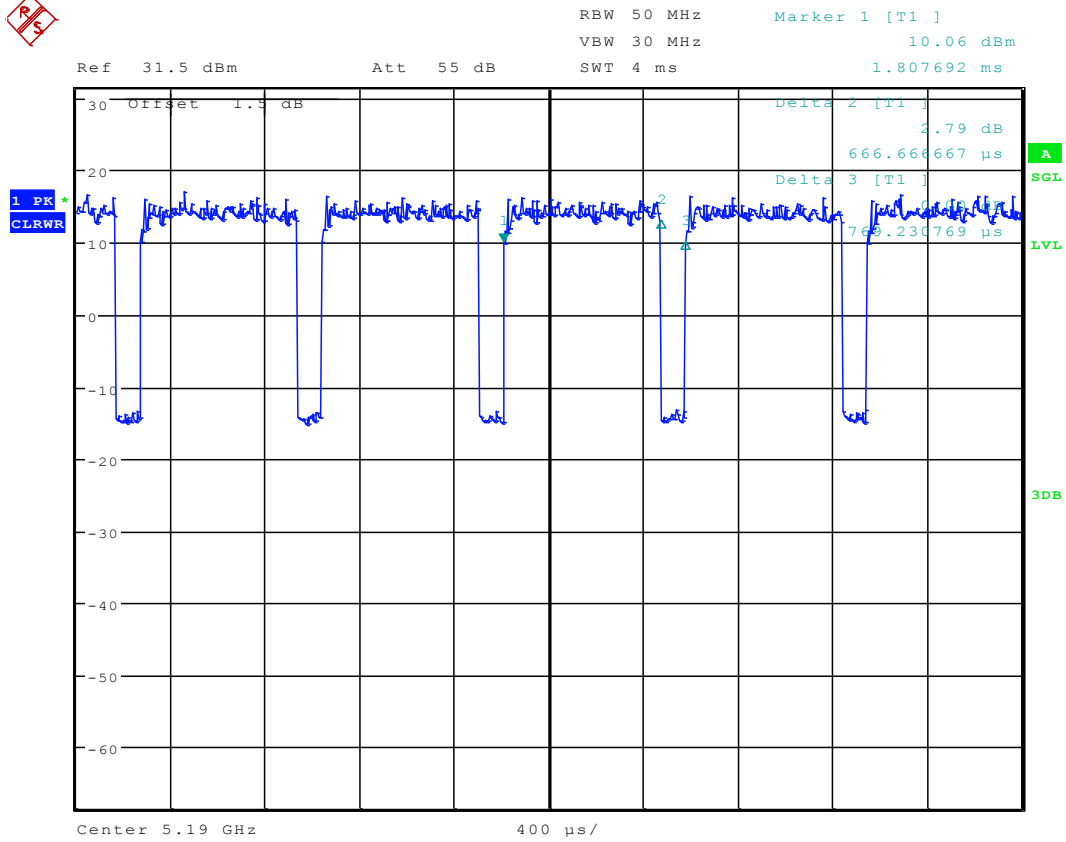
Date: 30.JAN.2016 10:32:09

7.2 11n20



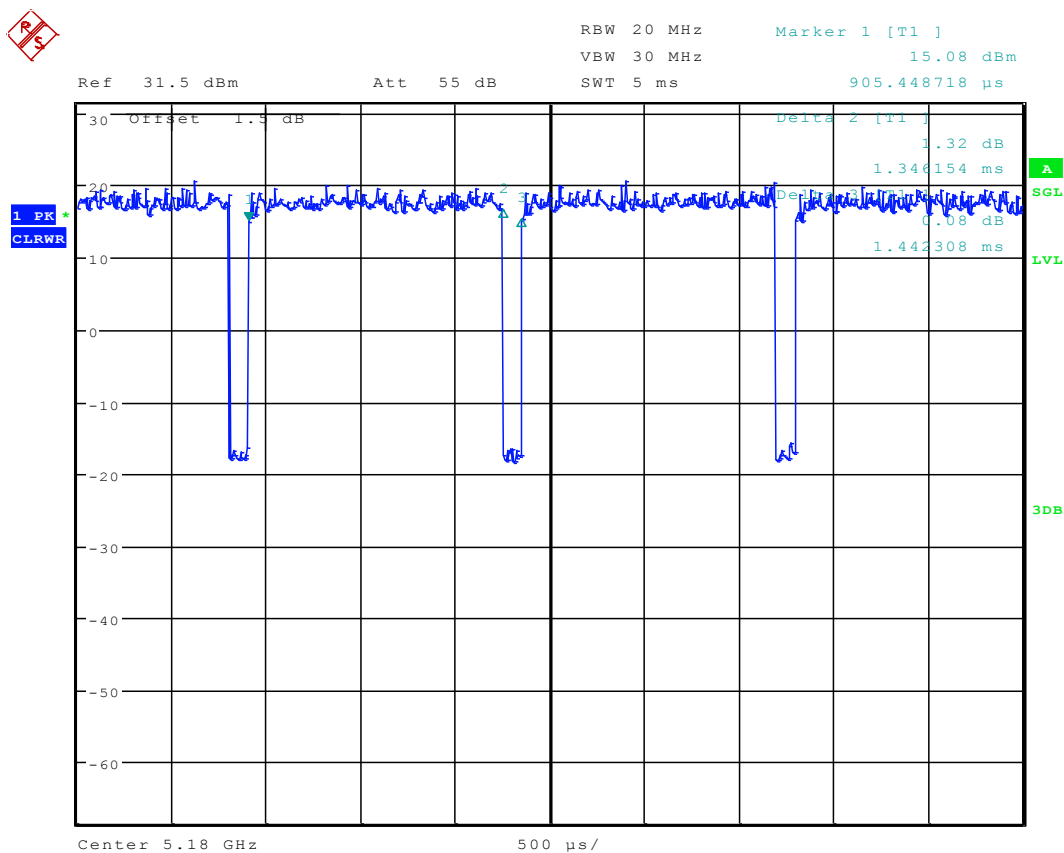
Date: 30.JAN.2016 10:35:56

7.3 11n40



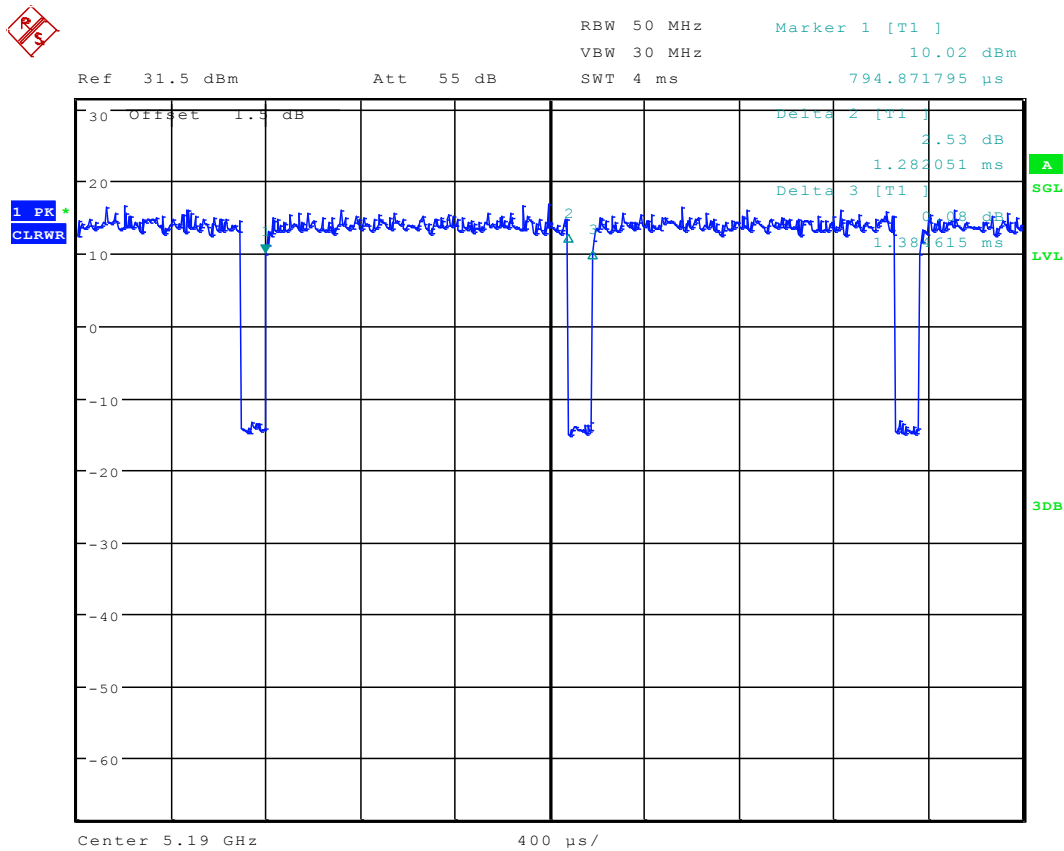
Date: 1.FEB.2016 16:04:46

7.4 11ac20



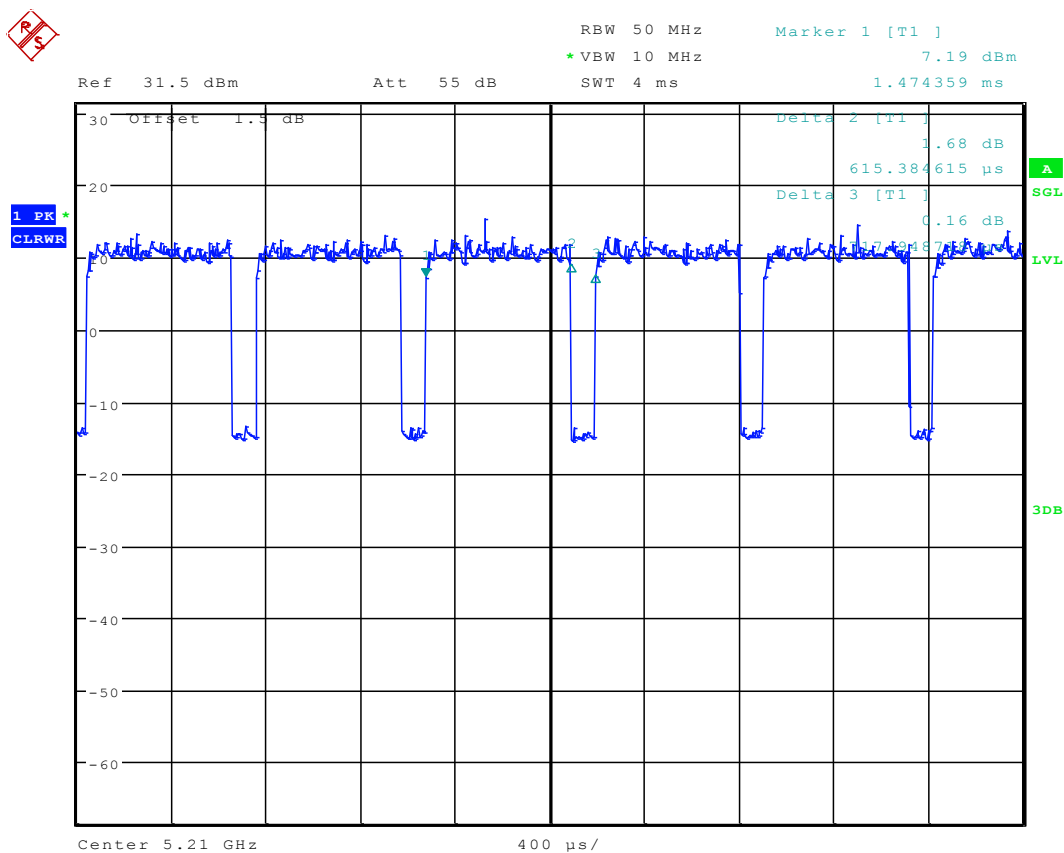
Date: 30.JAN.2016 10:38:15

7.5 11ac40



Date: 1.FEB.2016 16:06:29

7.6 11ac80



Date: 30.JAN.2016 10:53:16

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	14.15	pass
	48	5240	Ant 1	14.38	pass
	52	5260	Ant 1	14.79	pass
	64	5320	Ant 1	14.68	pass
	100	5500	Ant 1	13.09	pass
	140	5700	Ant 1	12.54	pass
	149	5745	Ant 1	14.82	pass
	165	5825	Ant 1	13.43	pass
11N20	36	5180	Ant 1	12.87	pass
	48	5240	Ant 1	13.06	pass
	52	5260	Ant 1	13.37	pass
	64	5320	Ant 1	13.21	pass
	100	5500	Ant 1	12.73	pass
	140	5700	Ant 1	12.2	pass
	149	5745	Ant 1	13.80	pass
	165	5825	Ant 1	12.62	pass
11N40	38	5190	Ant 1	10.65	pass
	46	5230	Ant 1	10.48	pass
	54	5270	Ant 1	10.45	pass
	62	5310	Ant 1	10.80	pass
	102	5510	Ant 1	11.01	pass
	134	5670	Ant 1	10.58	pass
	151	5755	Ant 1	10.70	pass
	159	5795	Ant 1	10.89	pass
11AC20	36	5180	Ant 1	12.13	pass
	48	5240	Ant 1	12.32	pass
	52	5260	Ant 1	12.75	pass
	64	5320	Ant 1	12.66	pass
	100	5500	Ant 1	13.23	pass
	140	5700	Ant 1	12.77	pass
	149	5745	Ant 1	13.43	pass
	165	5825	Ant 1	12.17	pass
11AC40	38	5190	Ant 1	10.85	pass
	46	5230	Ant 1	10.59	pass
	54	5270	Ant 1	10.70	pass

	62	5310	Ant 1	11.07	pass
	102	5510	Ant 1	11.39	pass
	134	5670	Ant 1	11.06	pass
	151	5755	Ant 1	11.20	pass
	159	5795	Ant 1	11.14	pass
11AC80	42	5210	Ant 1	9.45	pass
	58	5290	Ant 1	9.74	pass
	106	5530	Ant 1	10.07	pass
	155	5775	Ant 1	10.09	pass

Appendix E: Peak Power Spectral Density Level

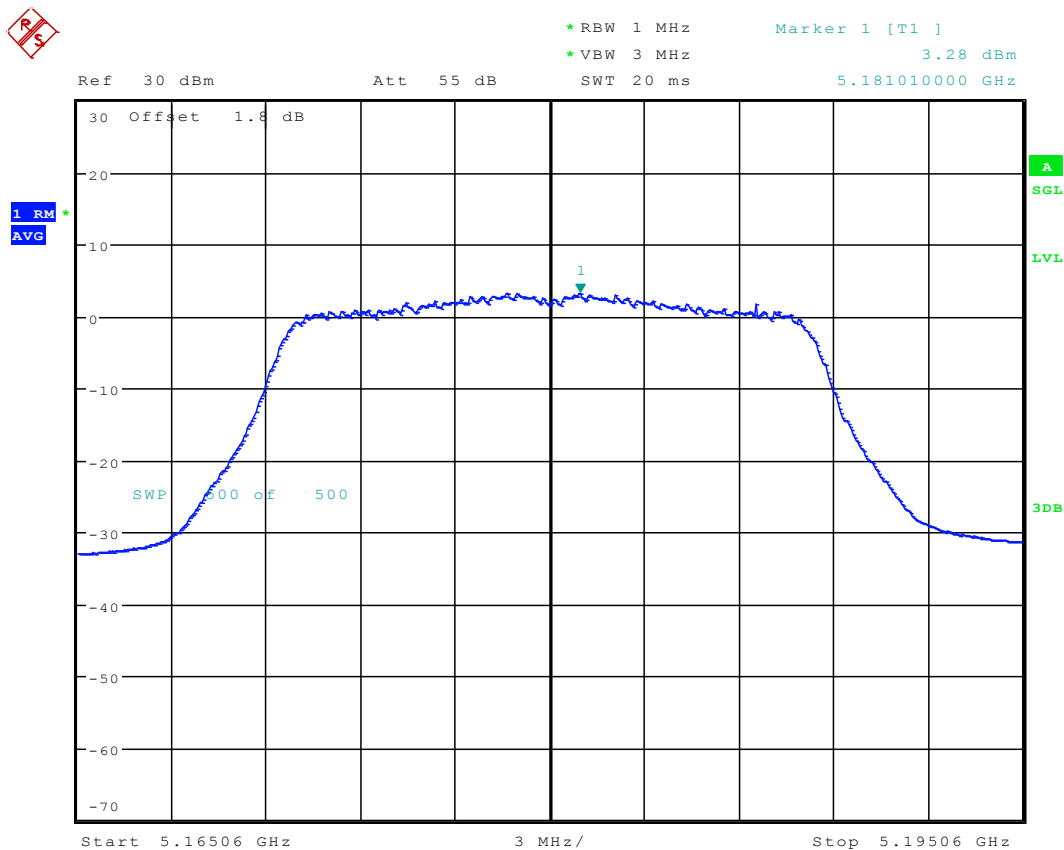
9 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A	36	5180	Ant 1	3.28	pass
	48	5240	Ant 1	3.48	pass
	52	5260	Ant 1	3.77	pass
	64	5320	Ant 1	3.50	pass
	100	5500	Ant 1	2.7	pass
	140	5700	Ant 1	1.64	pass
	149	5745	Ant 1	5.85	pass
	165	5825	Ant 1	5.01	pass
11N20	36	5180	Ant 1	1.51	pass
	48	5240	Ant 1	1.87	pass
	52	5260	Ant 1	2.45	pass
	64	5320	Ant 1	1.64	pass
	100	5500	Ant 1	2.18	pass
	140	5700	Ant 1	1.3	pass
	149	5745	Ant 1	4.71	pass
	165	5825	Ant 1	4.34	pass
11N40	38	5190	Ant 1	-4.39	pass
	46	5230	Ant 1	-4.30	pass
	54	5270	Ant 1	-4.53	pass
	62	5310	Ant 1	-4.14	pass
	102	5510	Ant 1	-3.94	pass
	134	5670	Ant 1	-4.53	pass
	151	5755	Ant 1	-0.07	pass
	159	5795	Ant 1	-0.29	pass
11AC20	36	5180	Ant 1	1.86	pass
	48	5240	Ant 1	1.25	pass
	52	5260	Ant 1	3.05	pass
	64	5320	Ant 1	2.05	pass
	100	5500	Ant 1	2.53	pass
	140	5700	Ant 1	1.79	pass
	149	5745	Ant 1	4.66	pass
	165	5825	Ant 1	3.67	pass
11AC40	38	5190	Ant 1	-2.89	pass
	46	5230	Ant 1	-2.98	pass
	54	5270	Ant 1	-3.19	pass

	62	5310	Ant 1	-2.90	pass
	102	5510	Ant 1	-1.84	pass
	134	5670	Ant 1	-3.35	pass
	151	5755	Ant 1	-0.45	pass
	159	5795	Ant 1	-0.74	pass
11AC80	42	5210	Ant 1	-8.12	pass
	58	5290	Ant 1	-7.71	pass
	106	5530	Ant 1	-7.40	pass
	155	5775	Ant 1	-3.90	pass

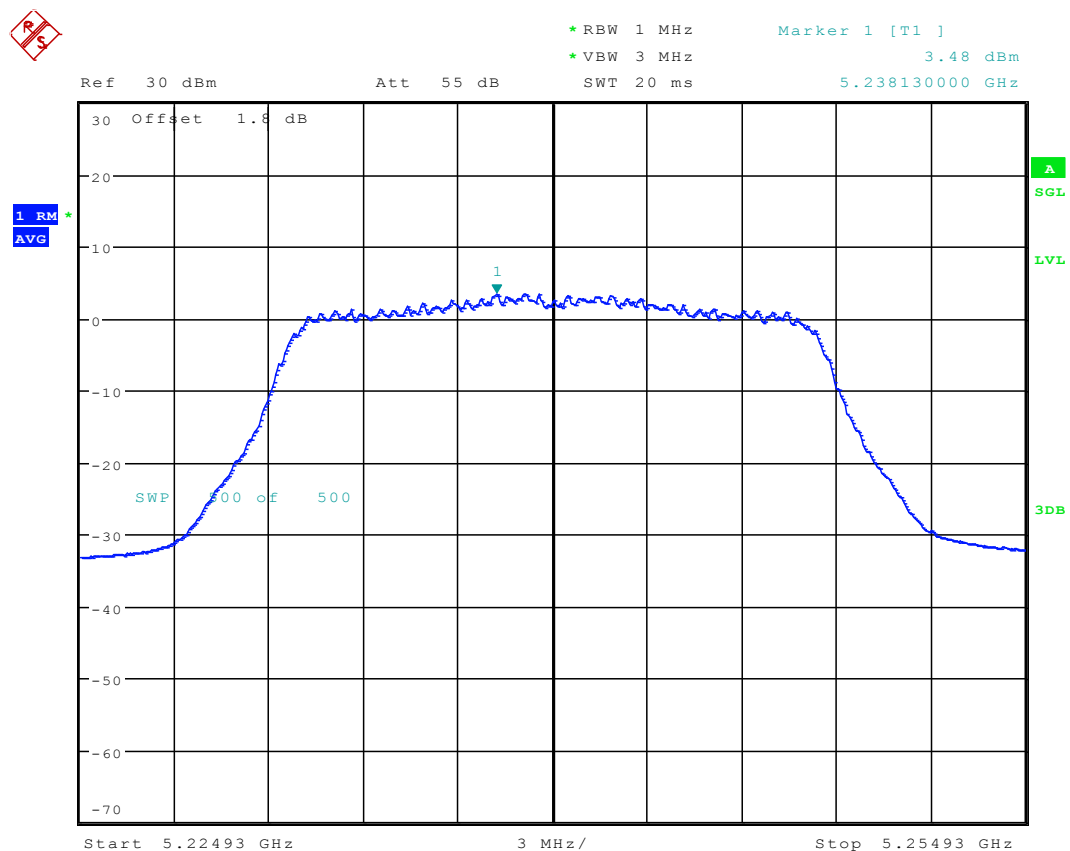
10 Test Plot

10.1 11A_36 Ant 1



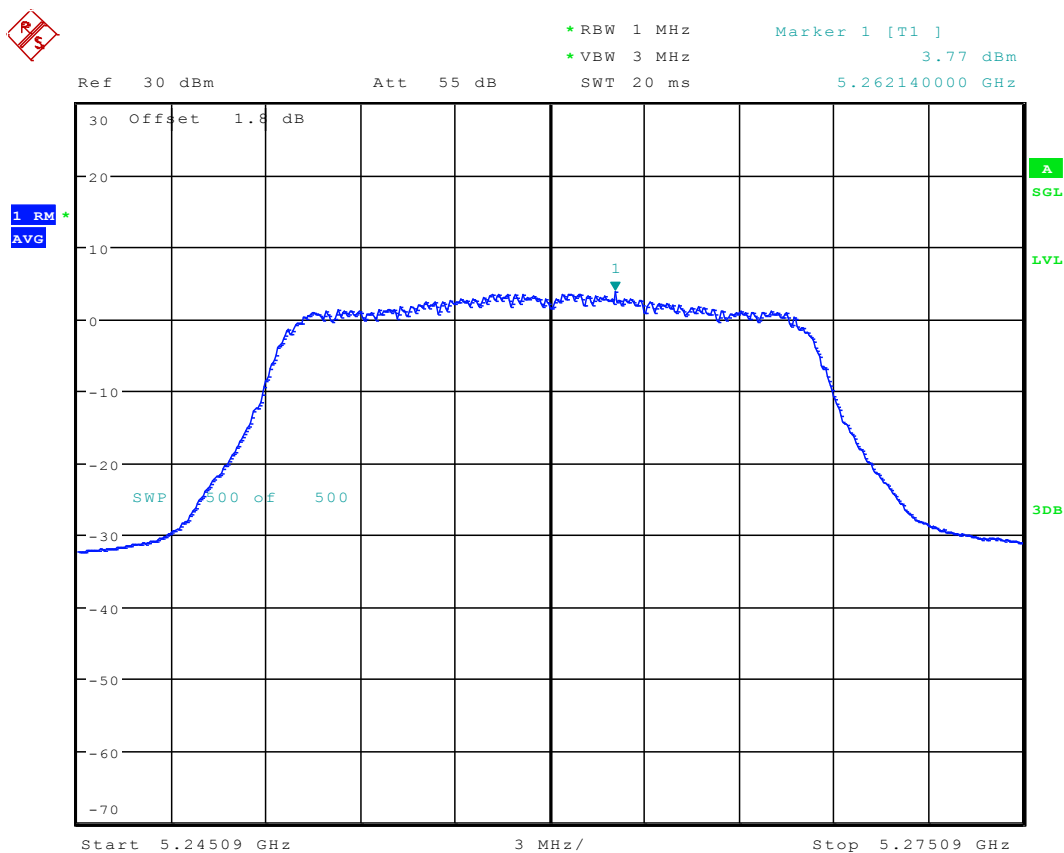
Date: 30.JAN.2016 11:03:29

10.2 11A_48 Ant 1



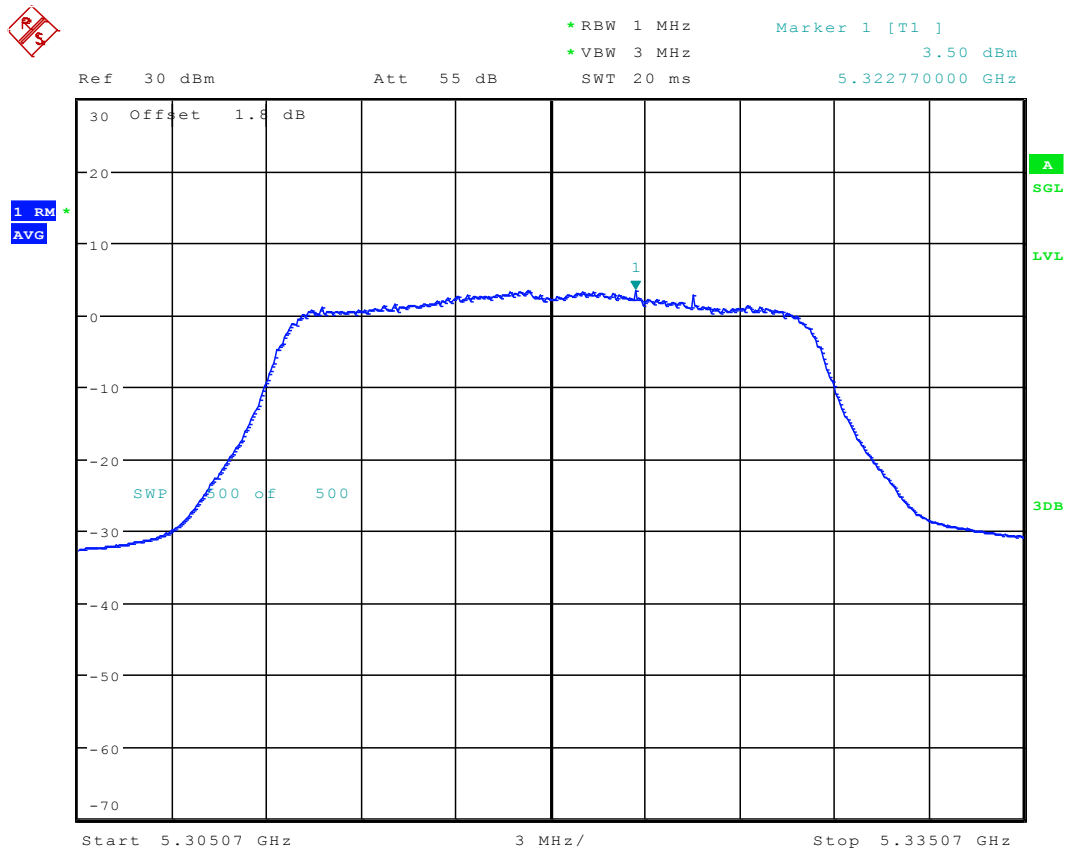
Date: 30.JAN.2016 11:08:21

10.3 11A_52 Ant 1



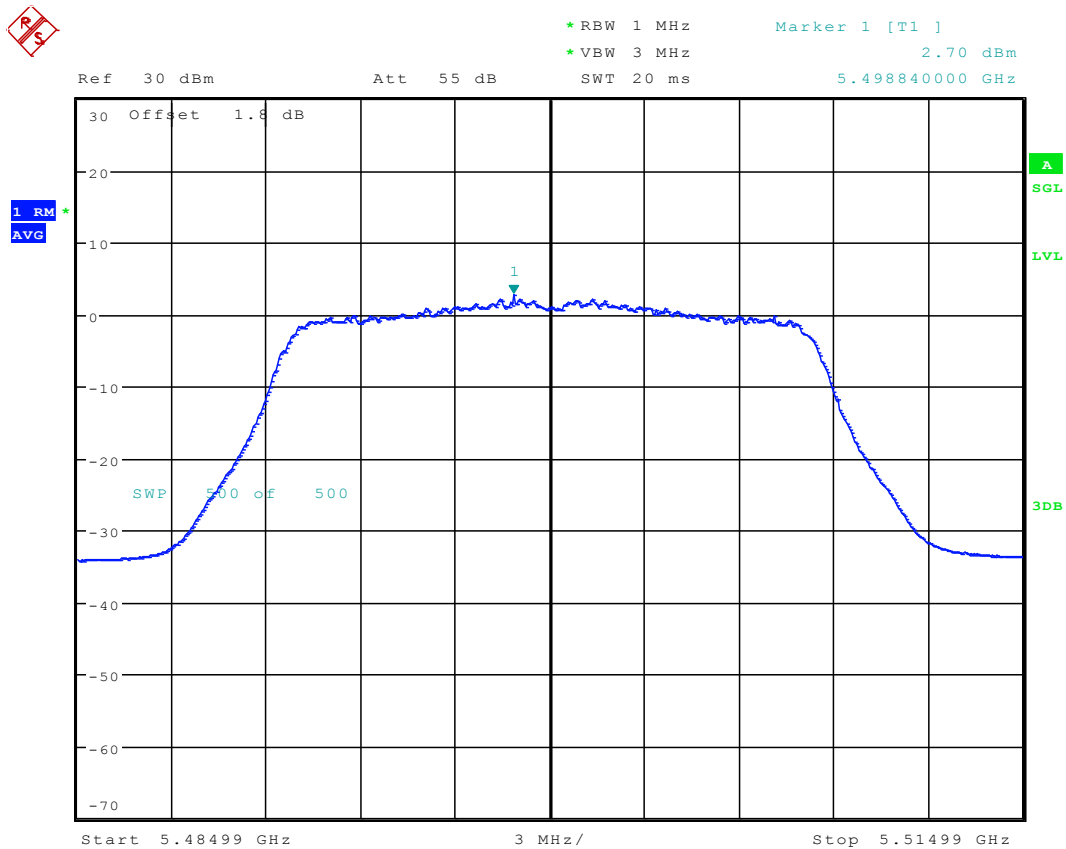
Date: 30.JAN.2016 11:16:14

10.4 11A_64 Ant 1



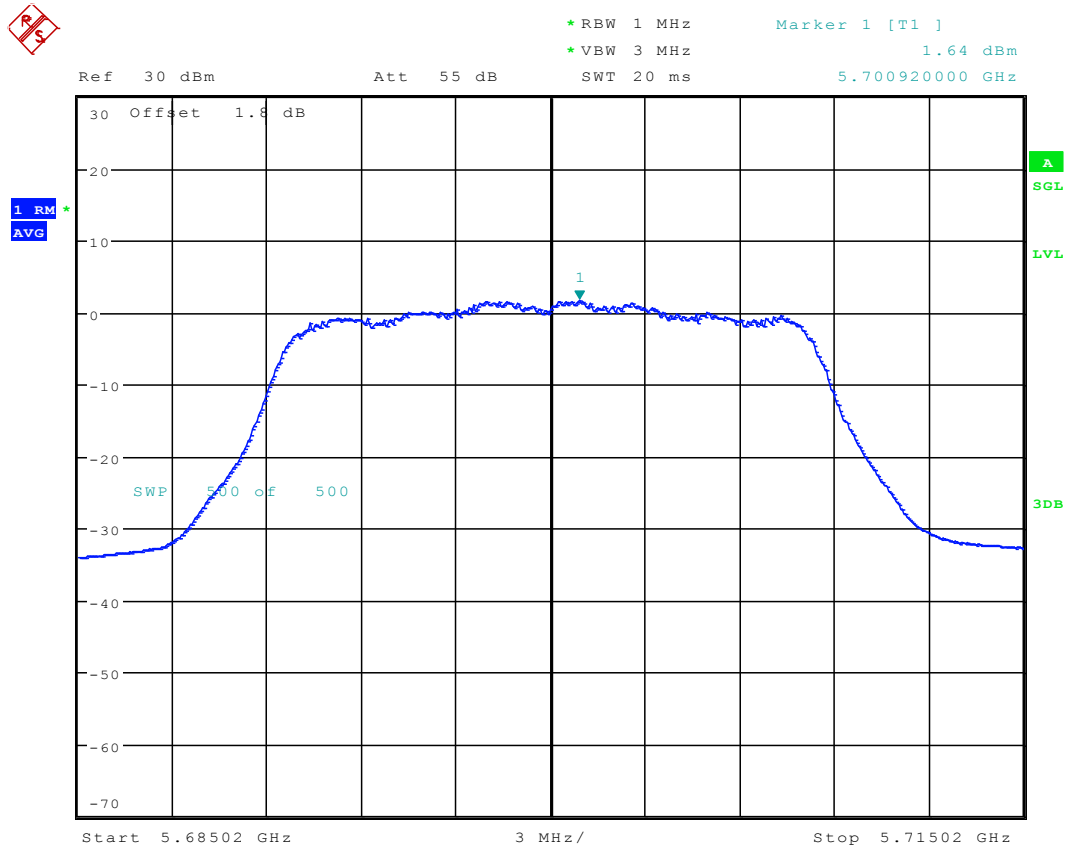
Date: 30.JAN.2016 11:21:03

10.5 11A_100 Ant 1



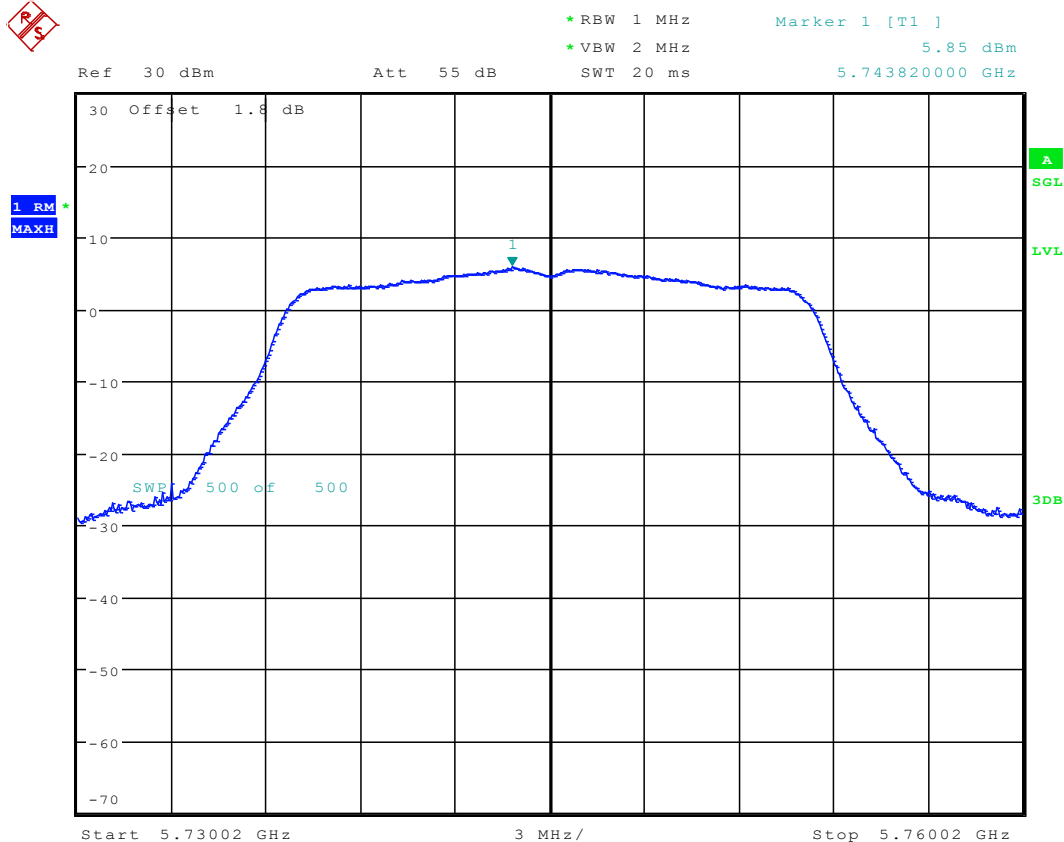
Date: 11.MAR.2016 16:26:05

10.6 11A_140 Ant 1



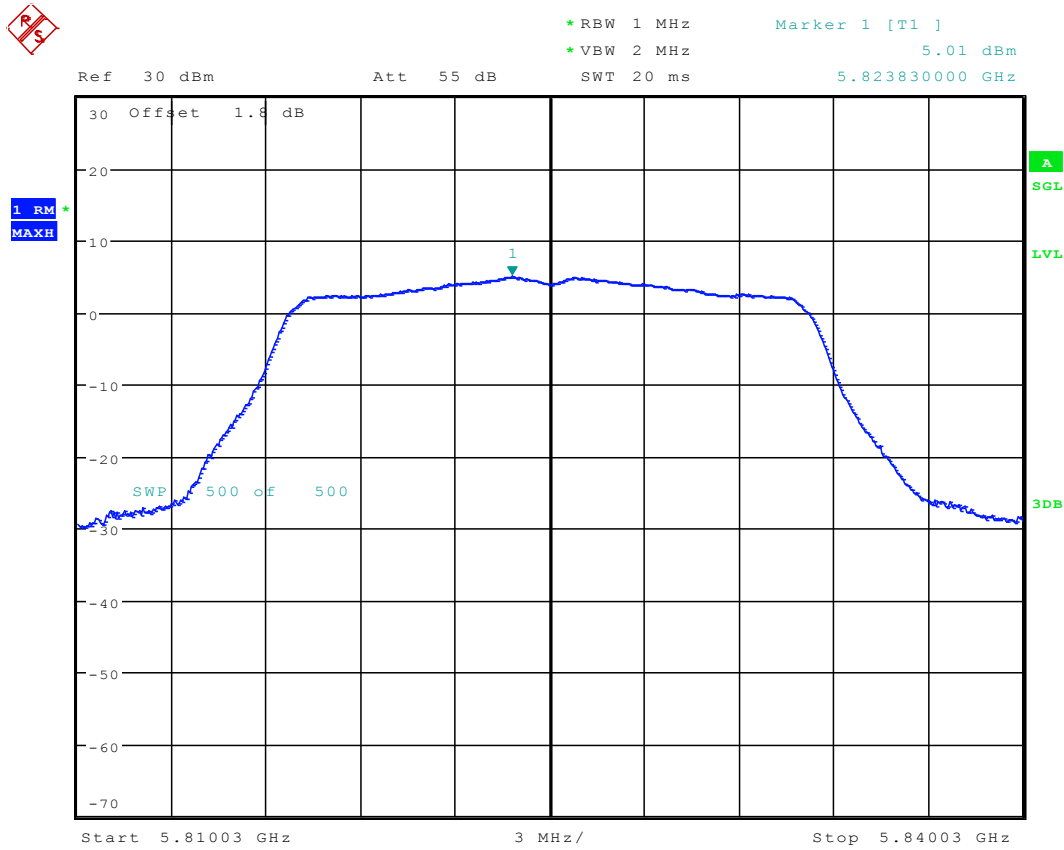
Date: 11.MAR.2016 16:34:12

10.7 11A_149 Ant 1



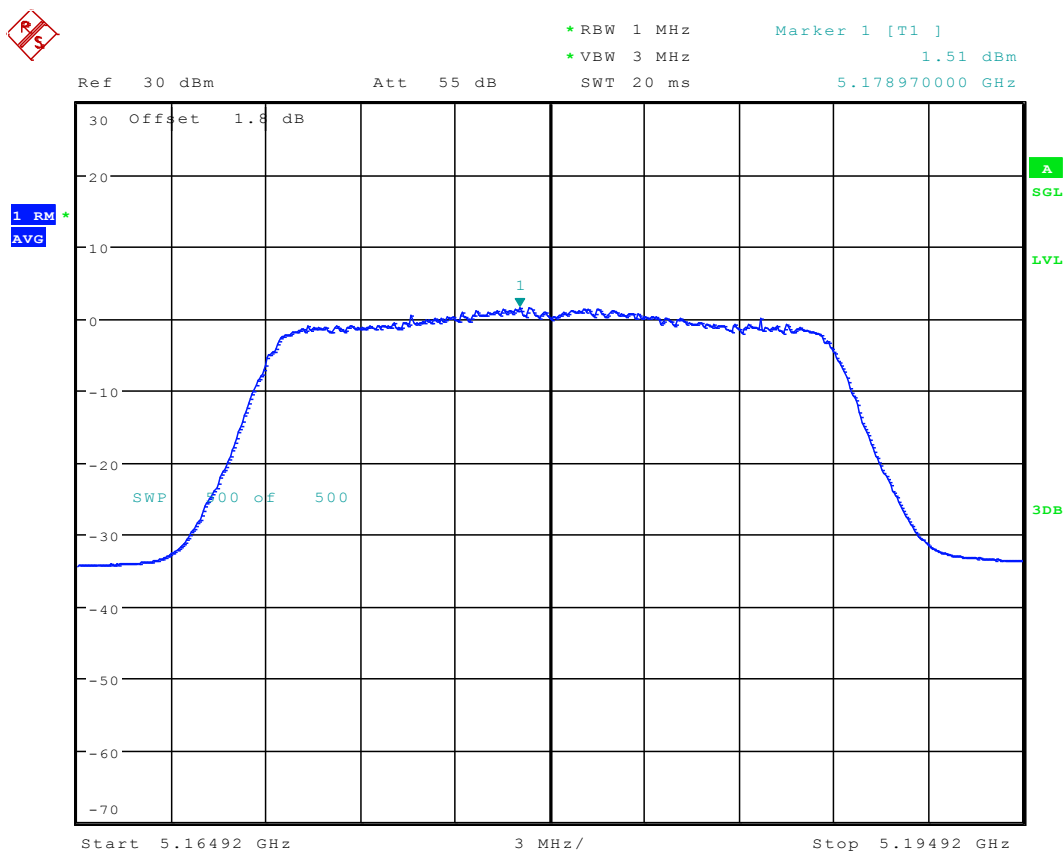
Date: 30.JAN.2016 11:48:41

10.8 11A_165 Ant 1



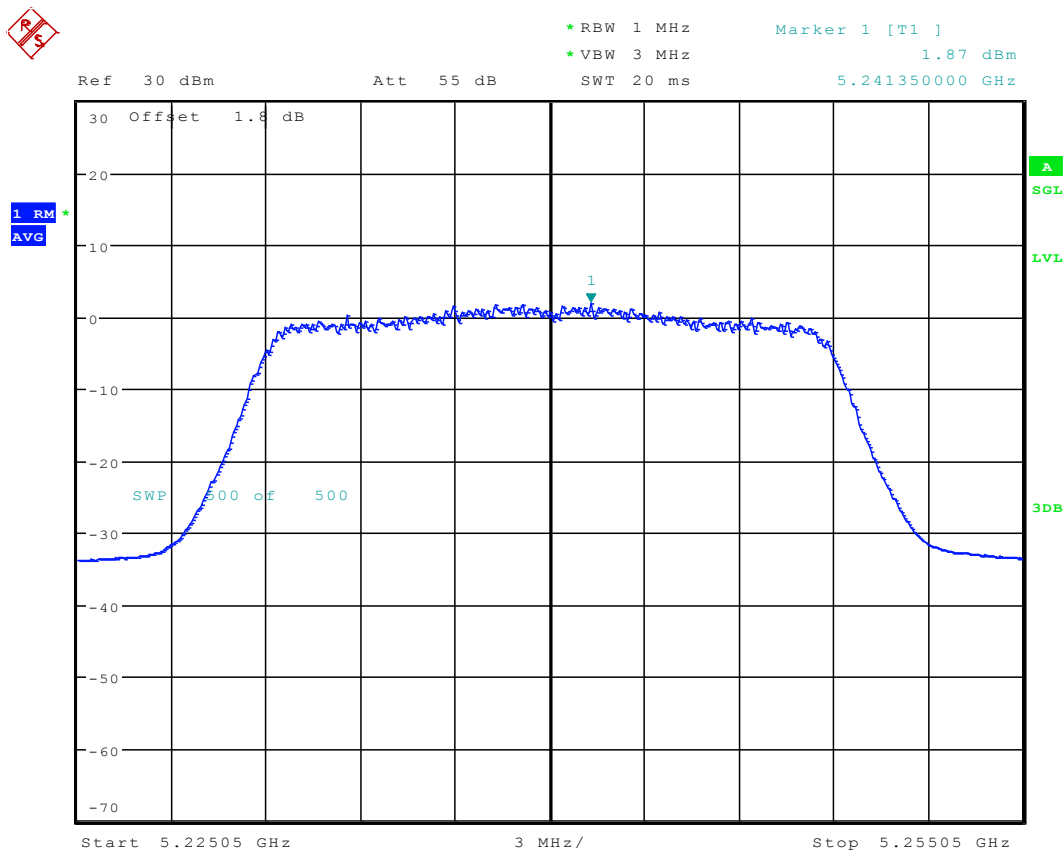
Date: 30.JAN.2016 11:56:50

10.9 11N20_36 Ant 1



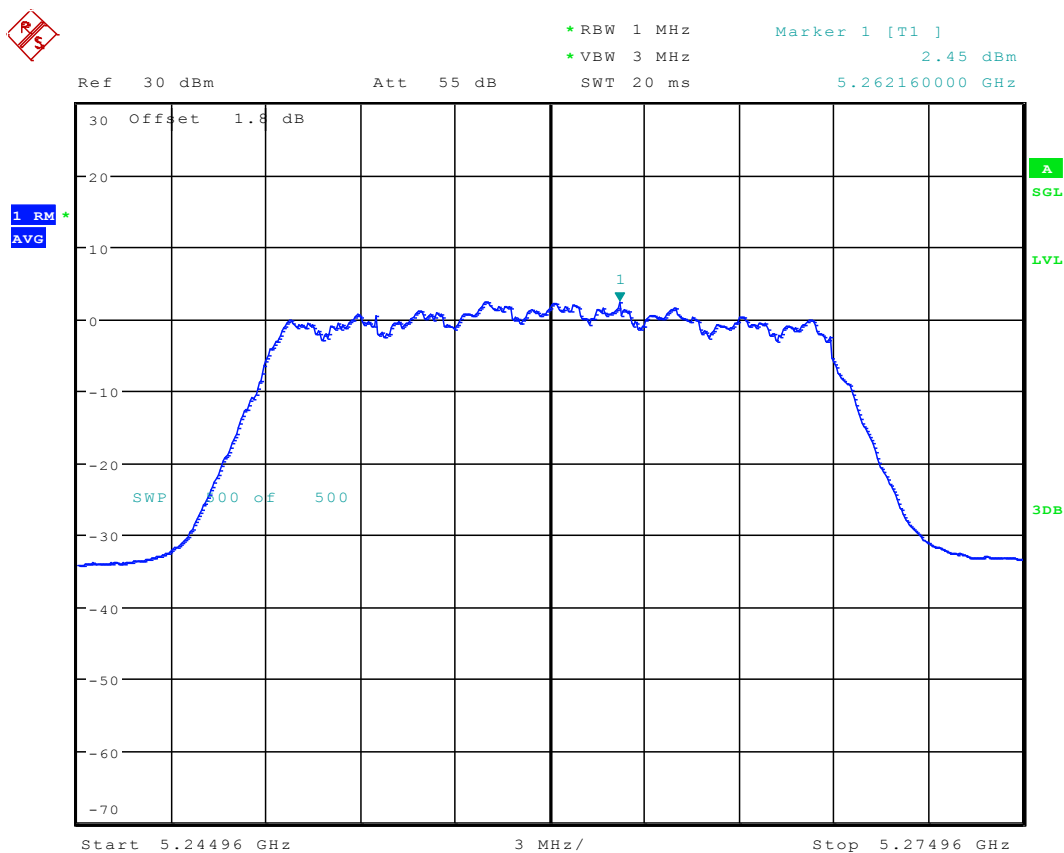
Date: 30.JAN.2016 12:06:03

10.10 11N20_48 Ant 1



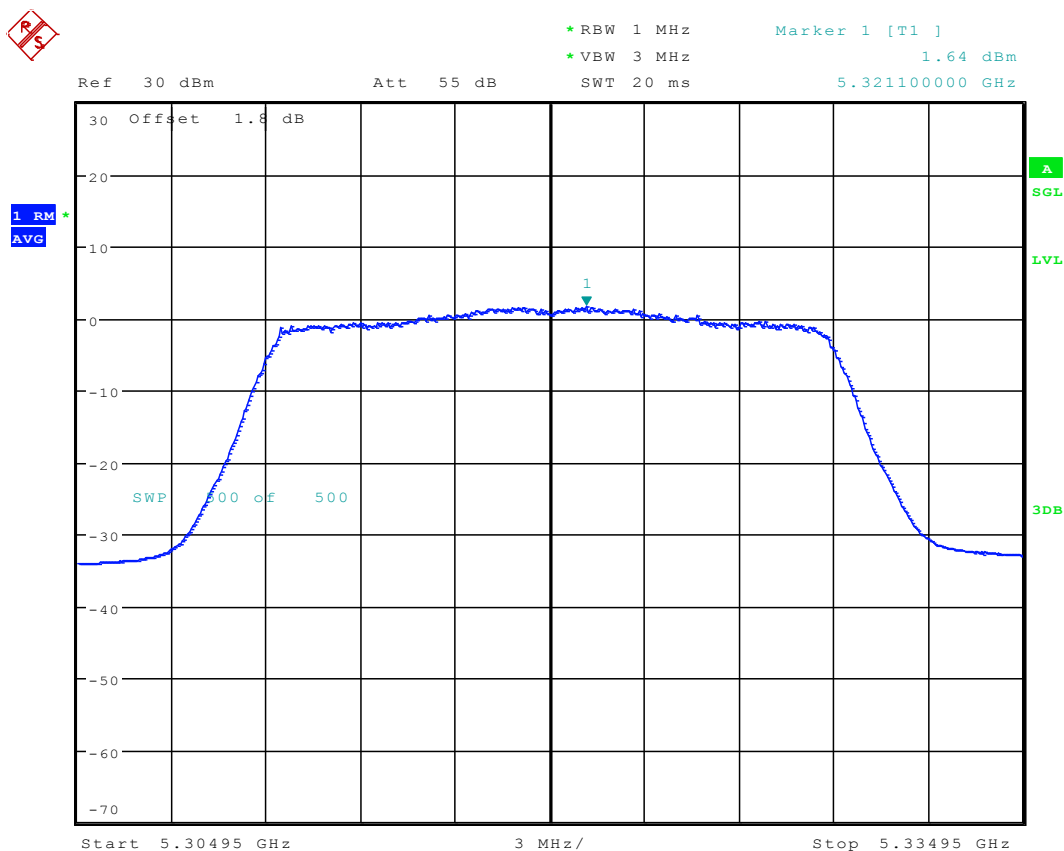
Date: 30.JAN.2016 12:16:56

10.11 11N20_52 Ant 1



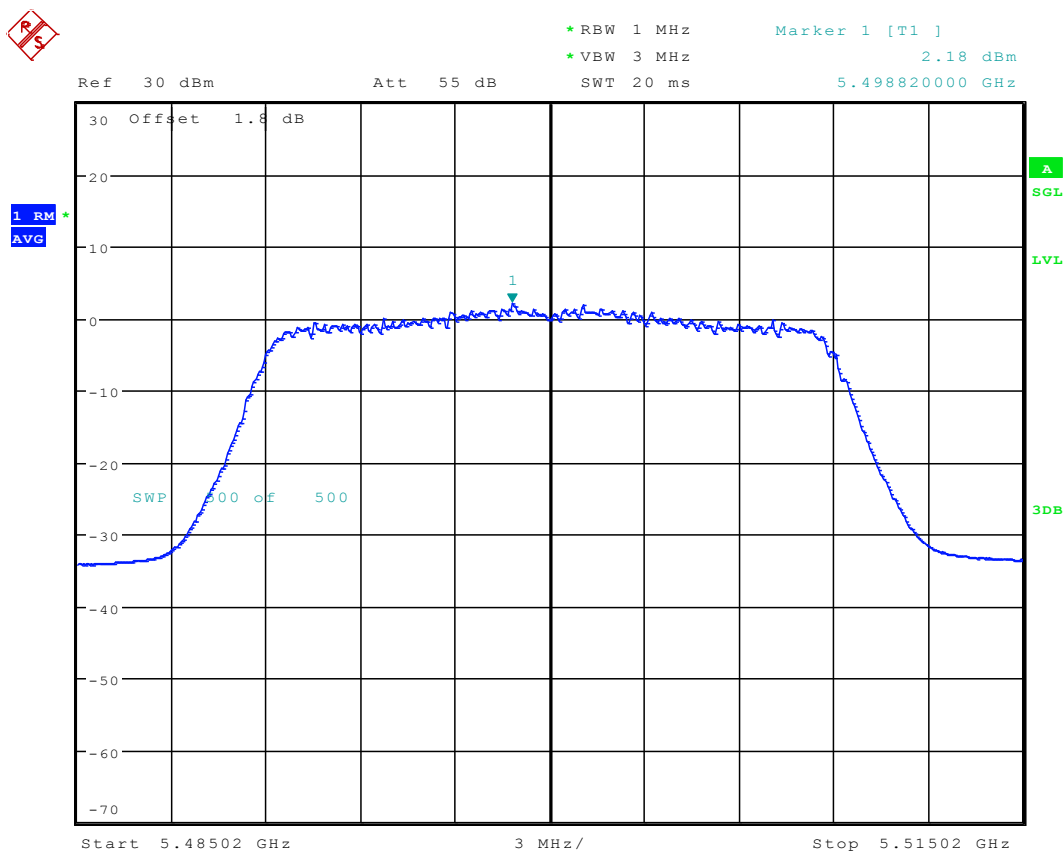
Date: 30.JAN.2016 12:28:25

10.12 11N20_64 Ant 1



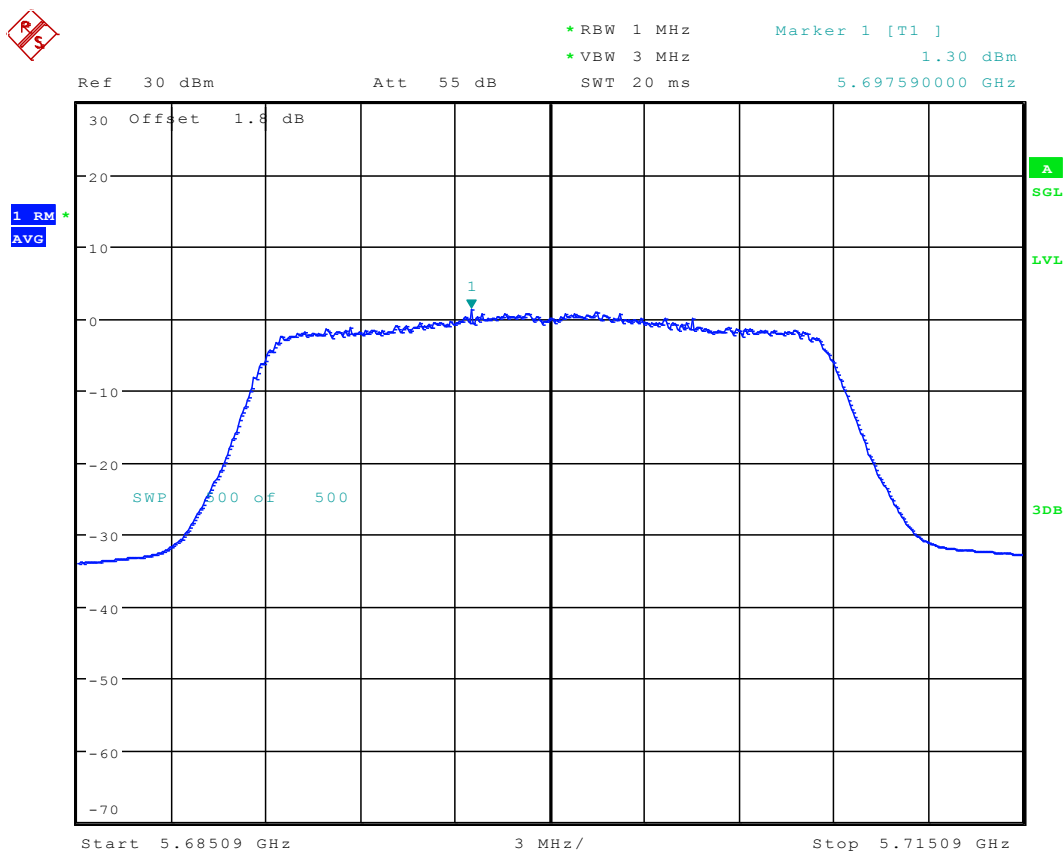
Date: 30.JAN.2016 12:33:37

10.13 11N20_100 Ant 1



Date: 11.MAR.2016 16:40:38

10.14 11N20_140 Ant 1



Date: 11.MAR.2016 16:51:44

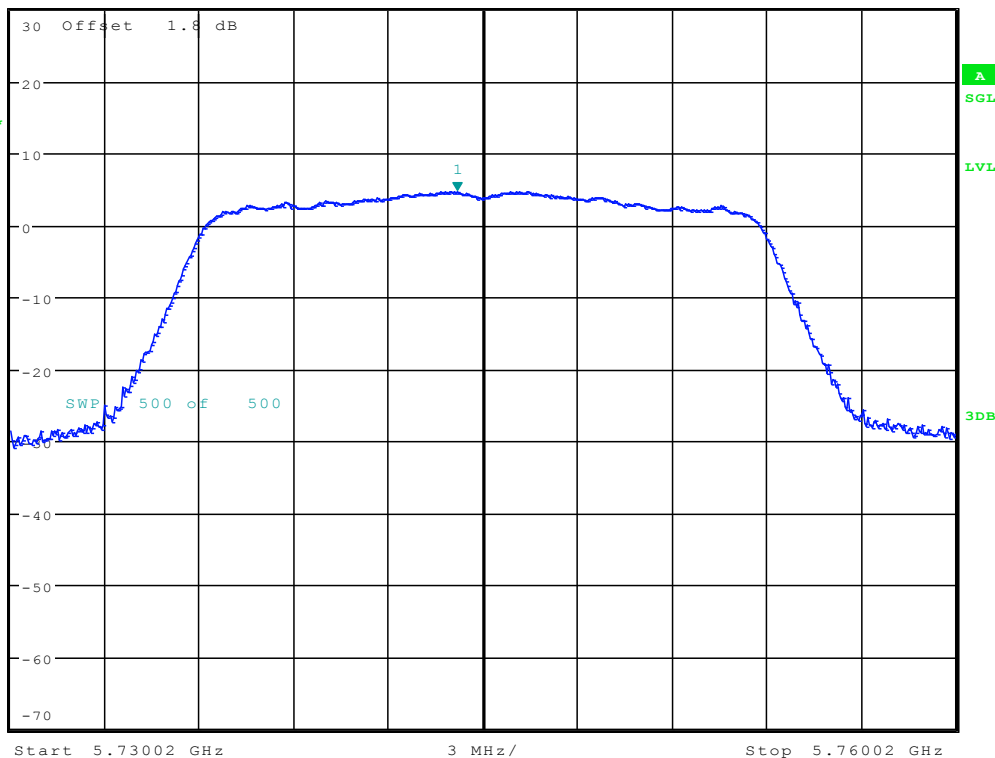
10.15 11N20_149 Ant 1



* RBW 1 MHz
 * VBW 2 MHz
 Marker 1 [T1]
 4.71 dBm
 5.744220000 GHz

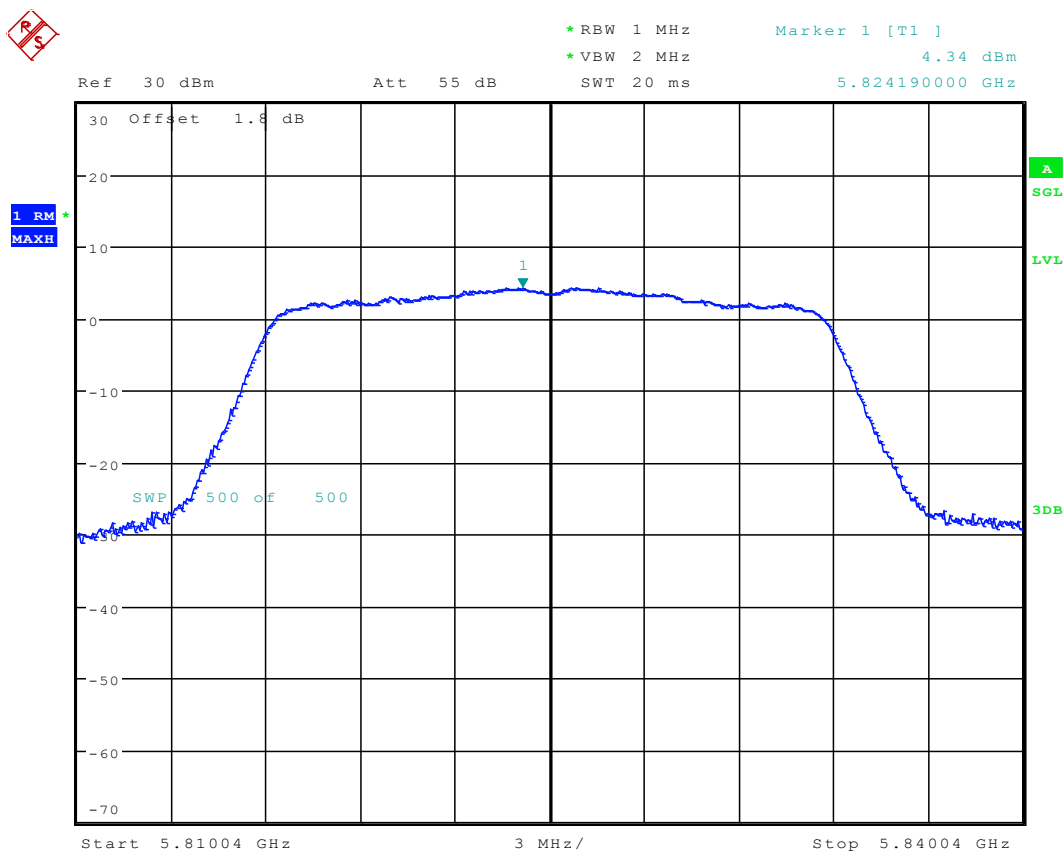
Ref 30 dBm Att 55 dB SWT 20 ms

1 RM
 MAXH



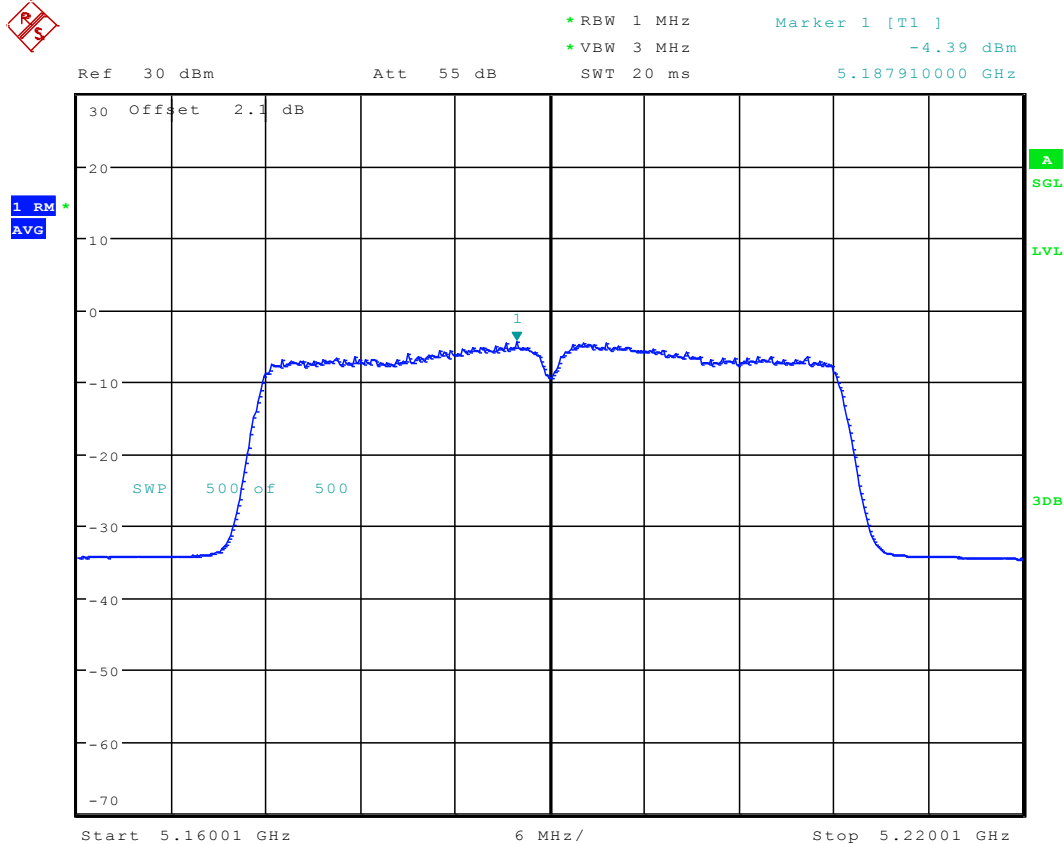
Date: 30.JAN.2016 14:20:23

10.16 11N20_165 Ant 1



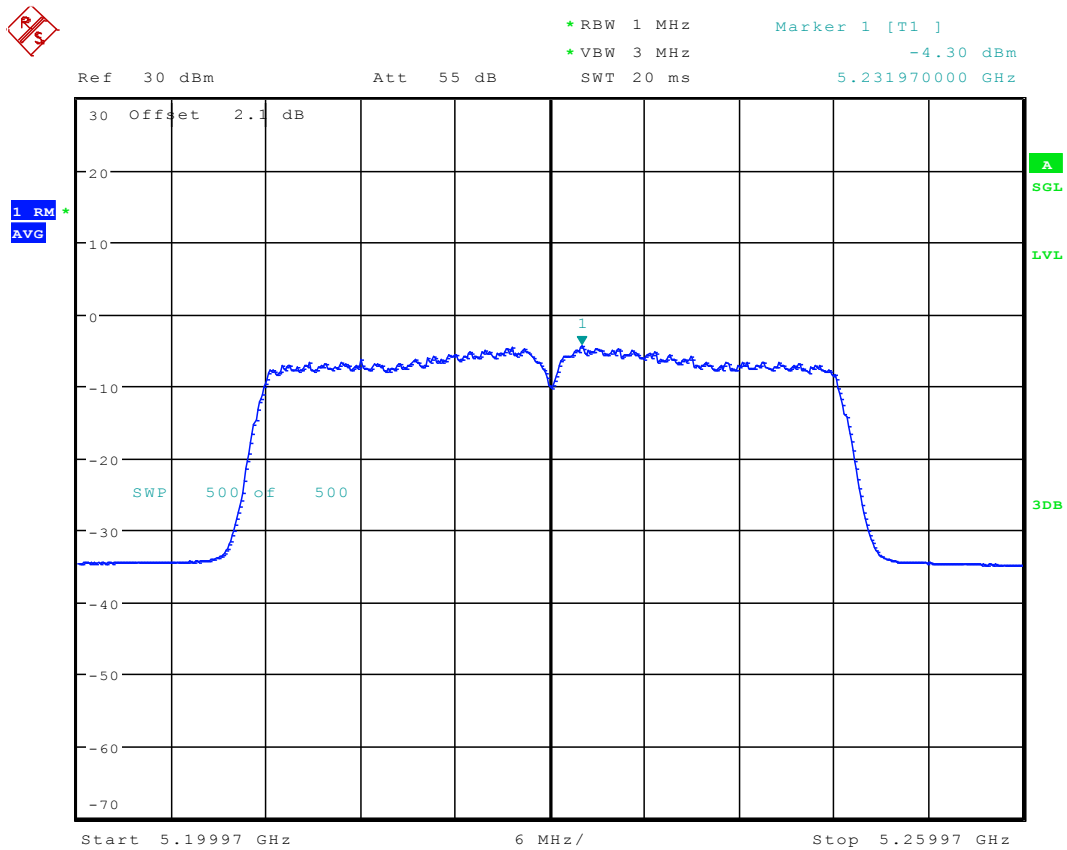
Date: 30.JAN.2016 14:26:05

10.17 11N40_38 Ant 1



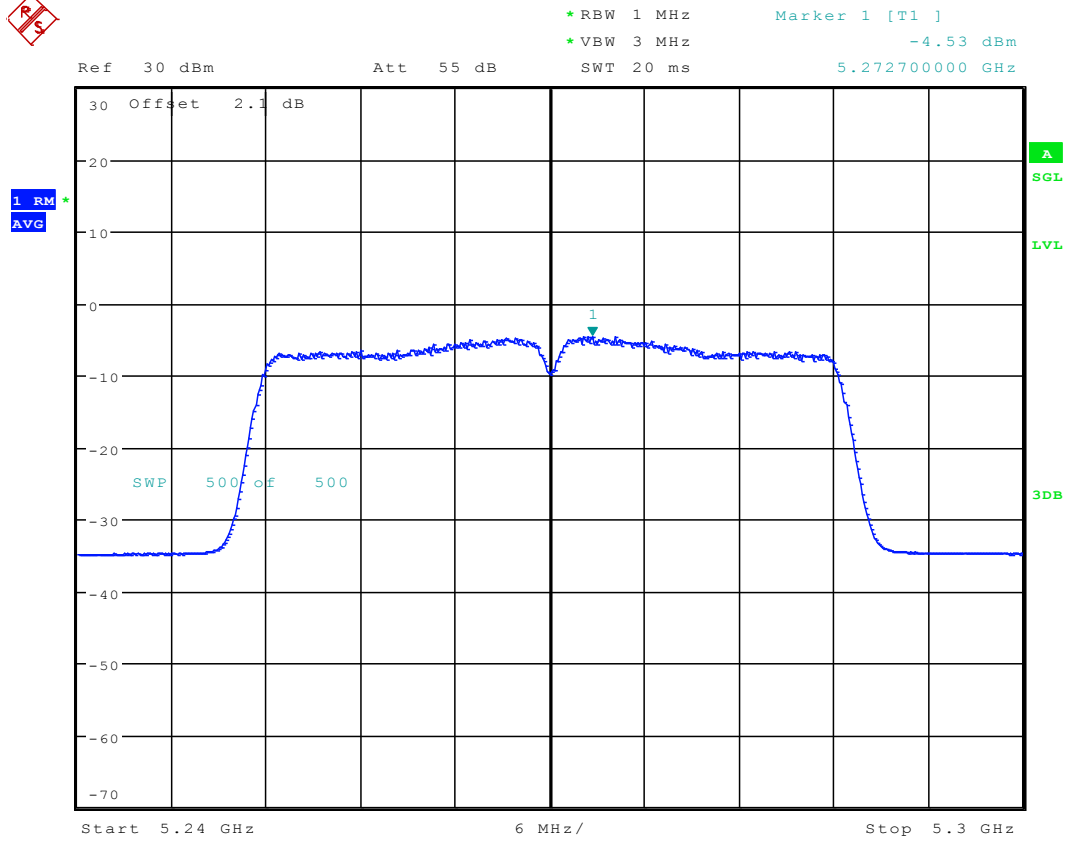
Date: 1.FEB.2016 16:56:19

10.18 11N40_46 Ant 1



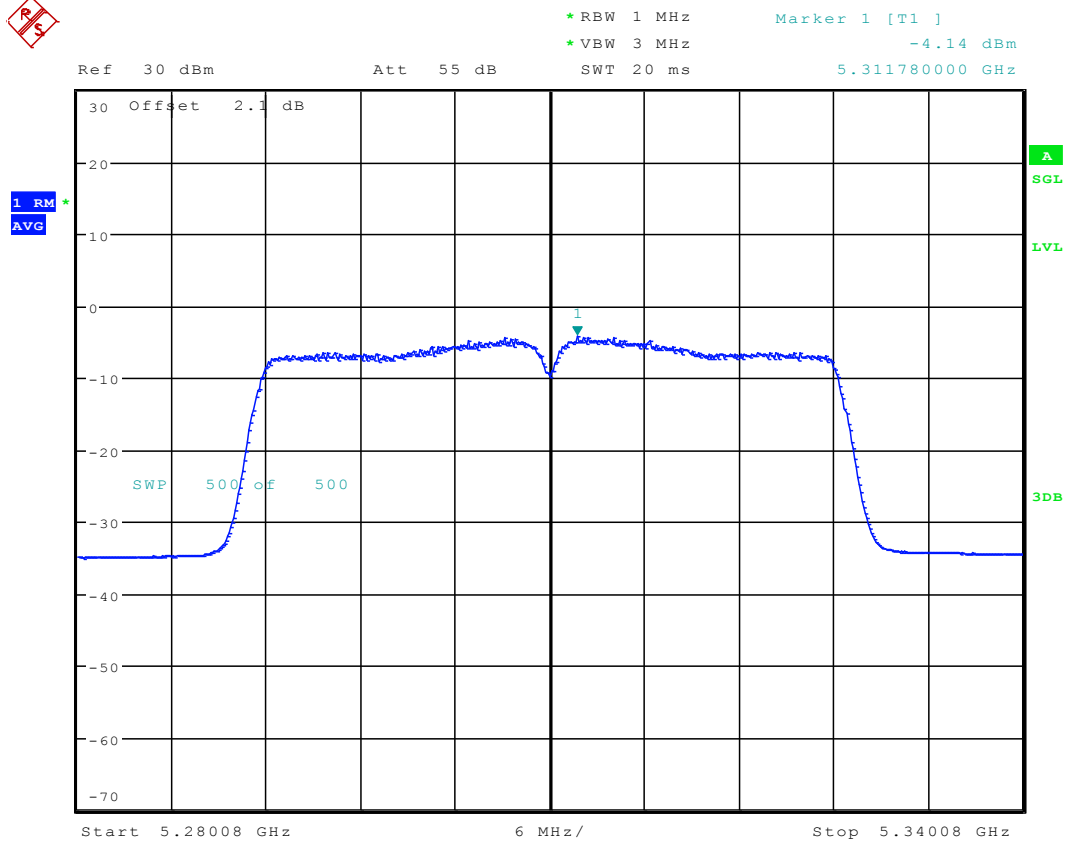
Date: 1.FEB.2016 17:02:29

10.19 11N40_54 Ant 1



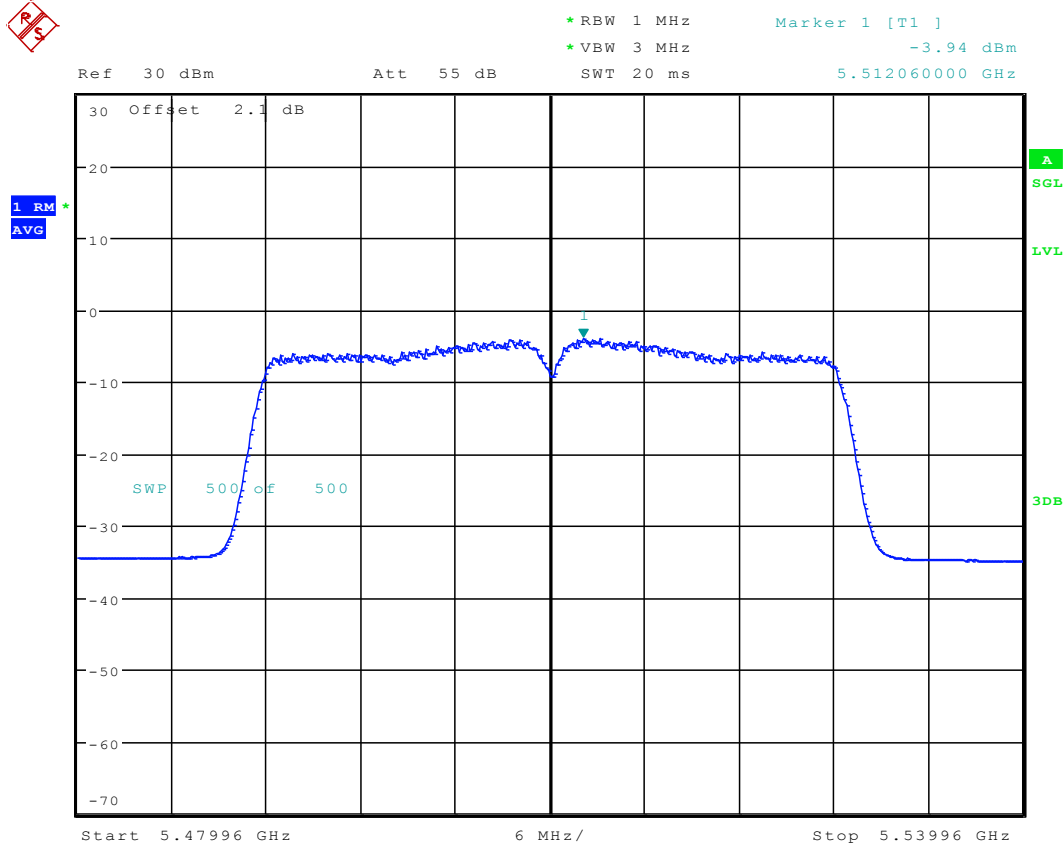
Date: 1.FEB.2016 17:07:50

10.20 11N40_62 Ant 1



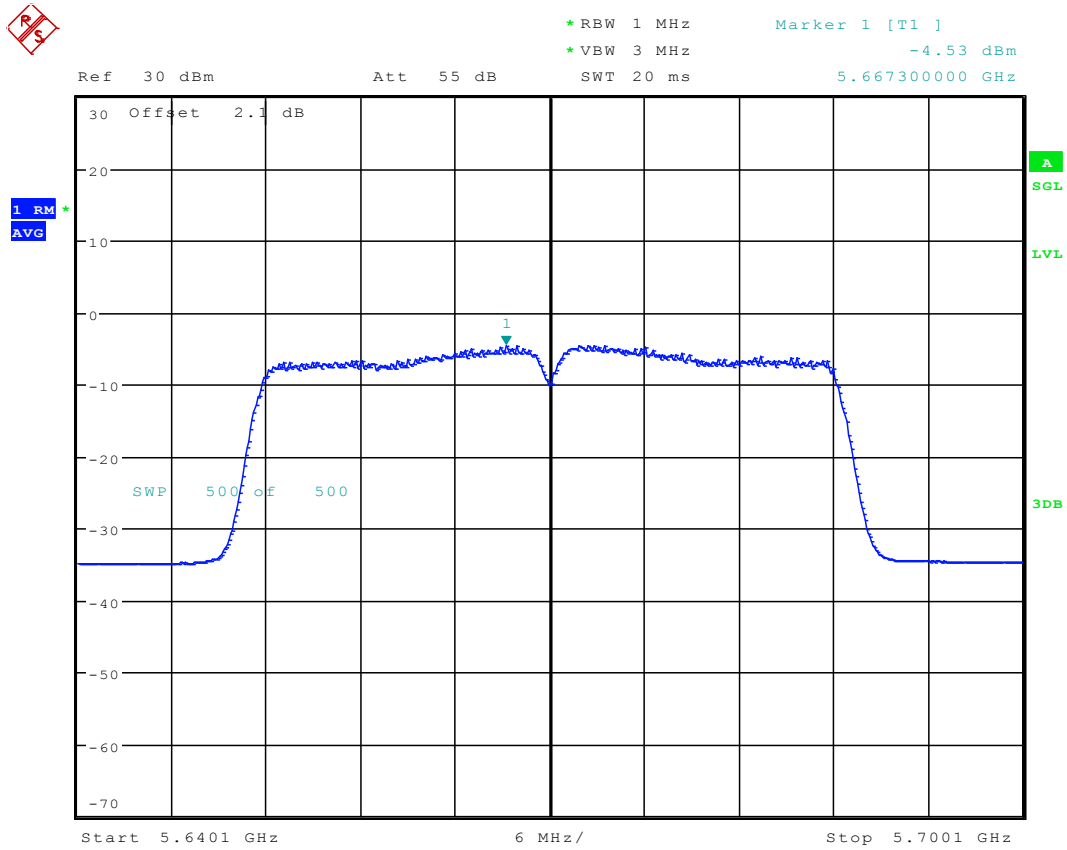
Date: 1.FEB.2016 16:10:52

10.21 11N40_102 Ant 1



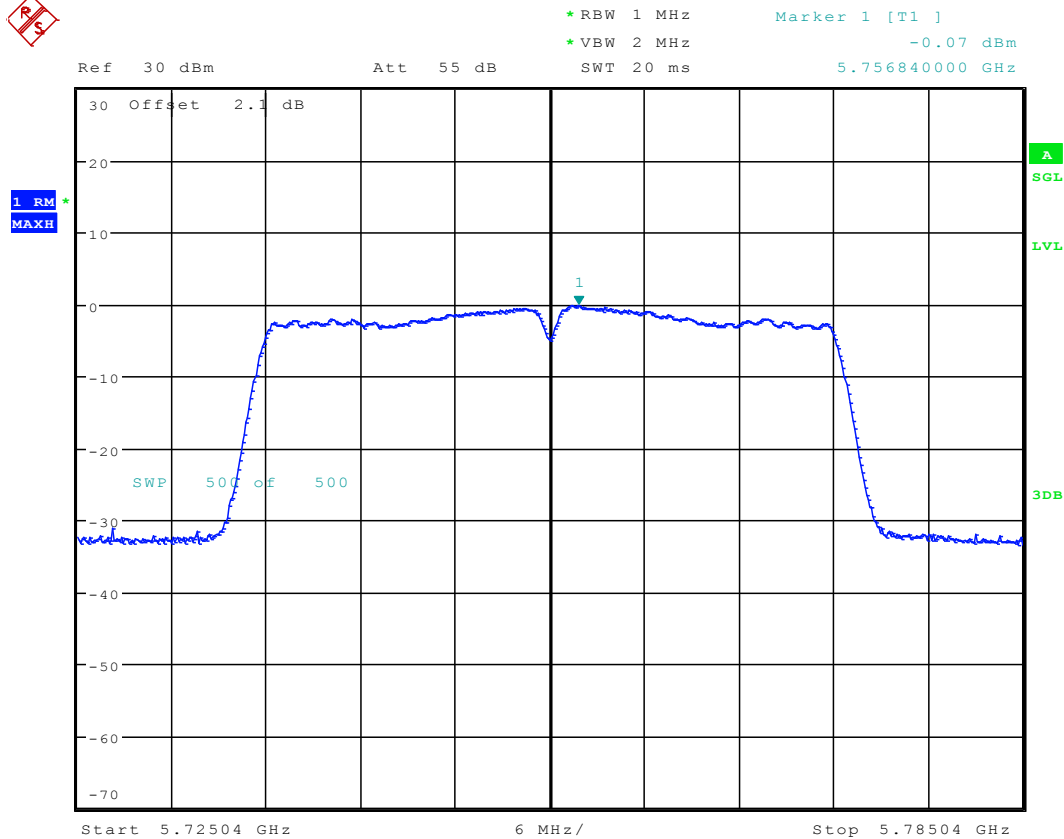
Date: 1.FEB.2016 17:13:23

10.22 11N40_134 Ant 1



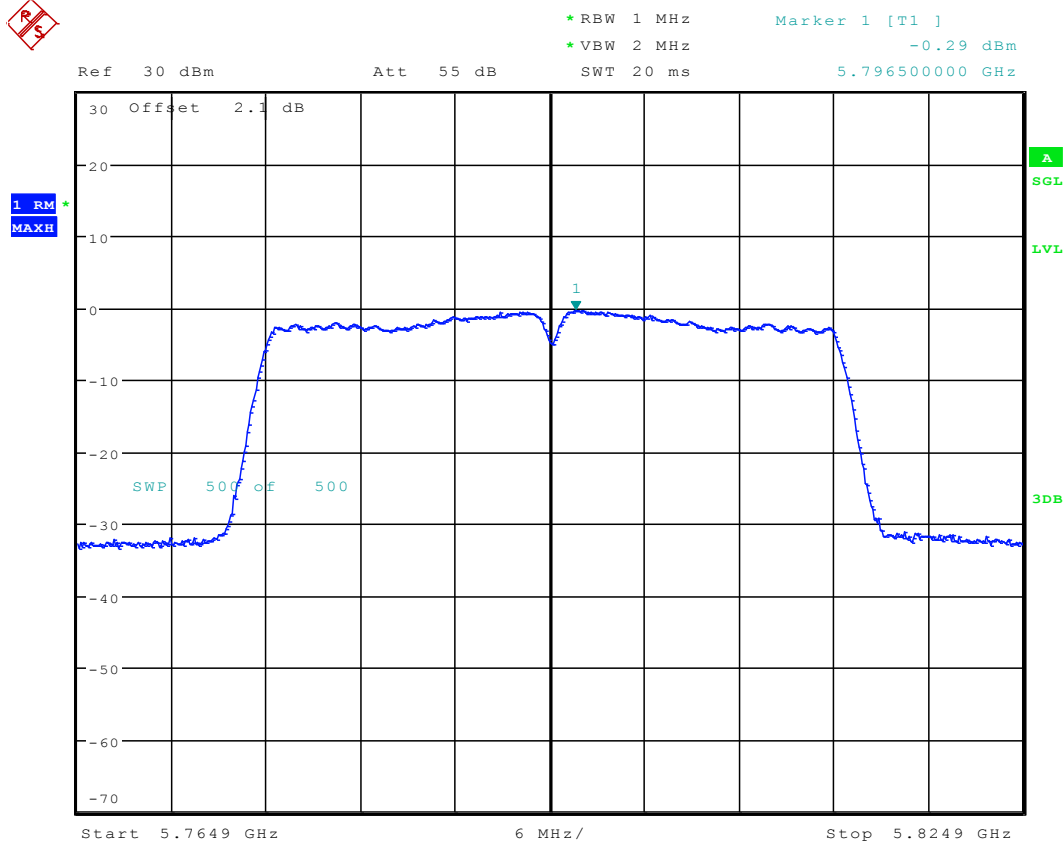
Date: 1.FEB.2016 17:16:31

10.23 11N40_151 Ant 1



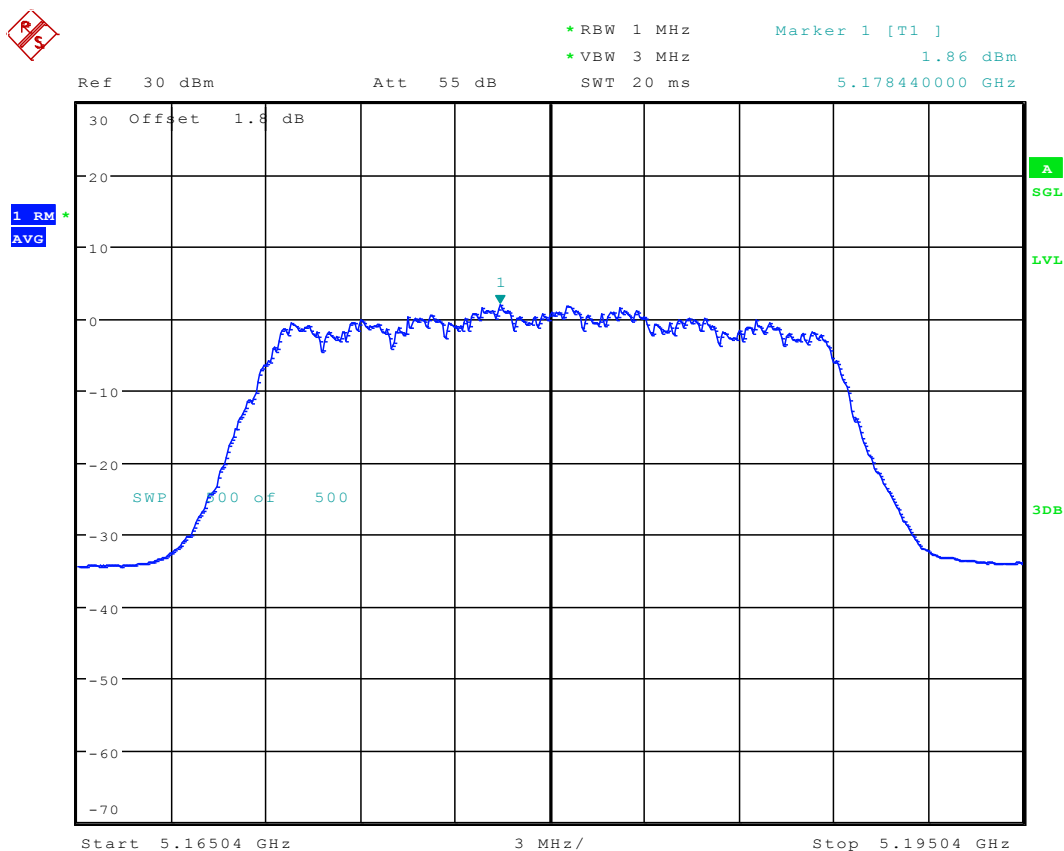
Date: 1.FEB.2016 16:40:33

10.24 11N40_159 Ant 1



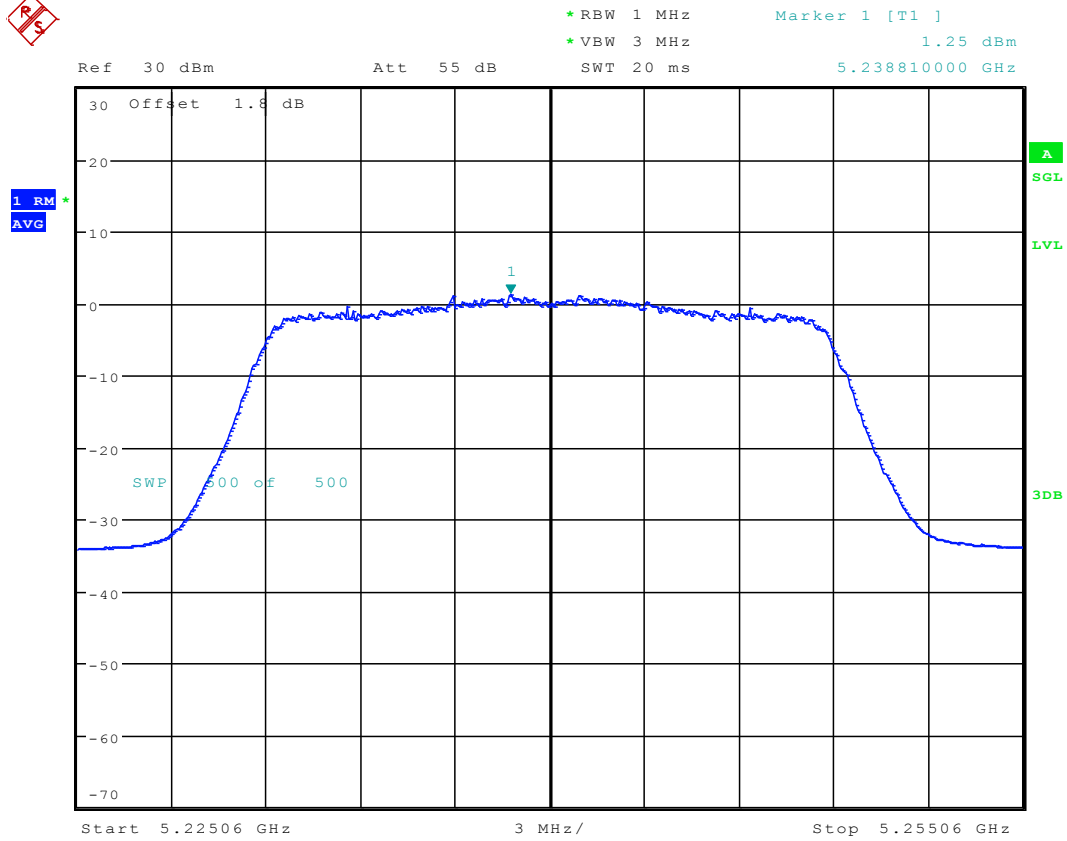
Date: 1.FEB.2016 16:46:17

10.25 11AC20_36 Ant 1



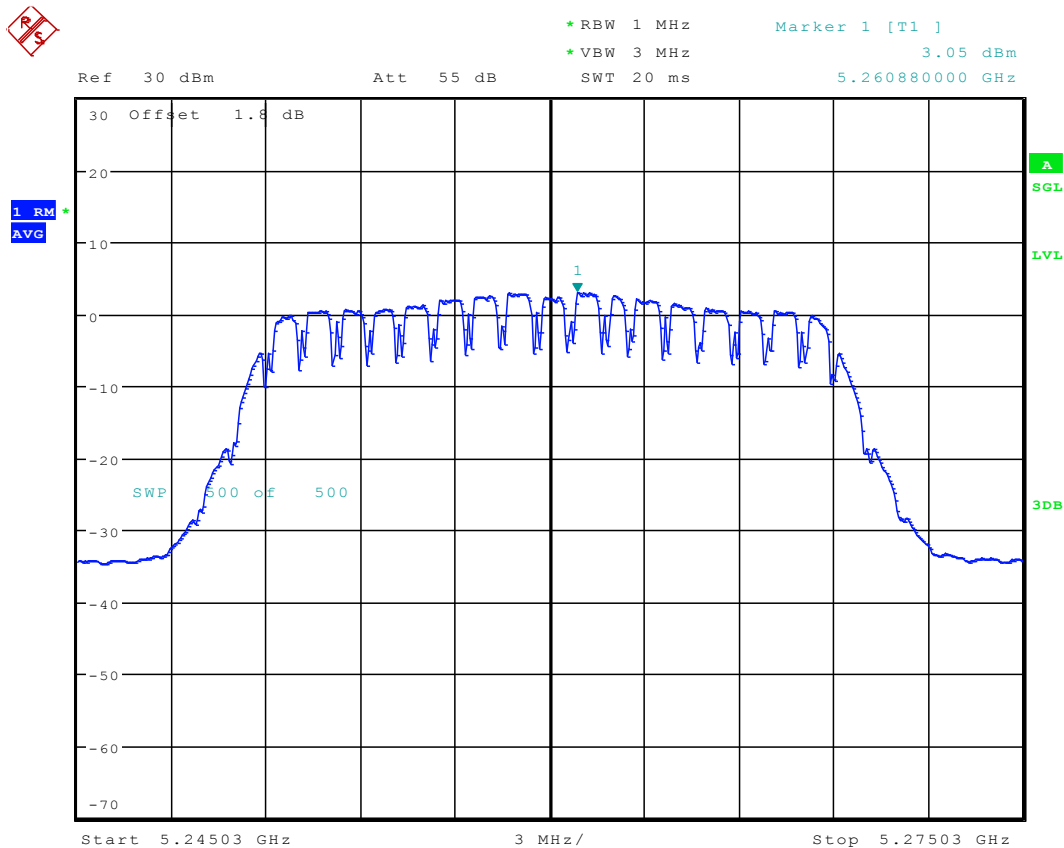
Date: 30.JAN.2016 15:21:22

10.26 11AC20_48 Ant 1



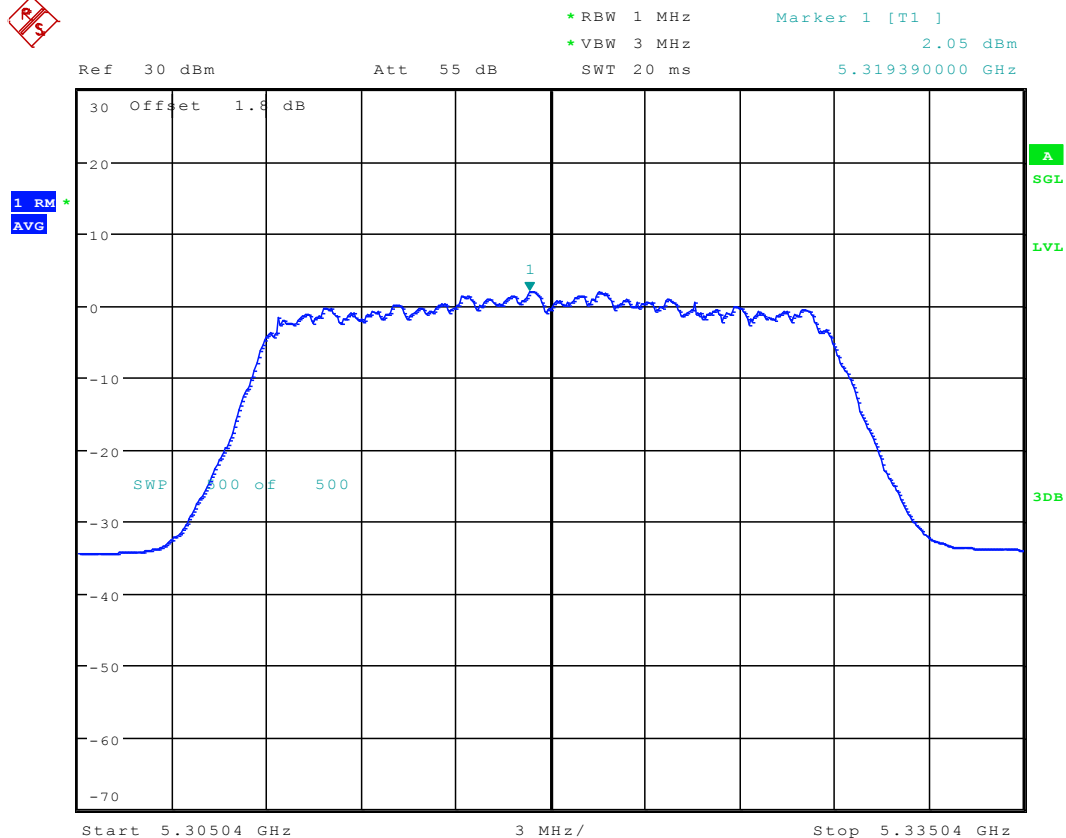
Date: 30.JAN.2016 15:26:48

10.27 11AC20_52 Ant 1



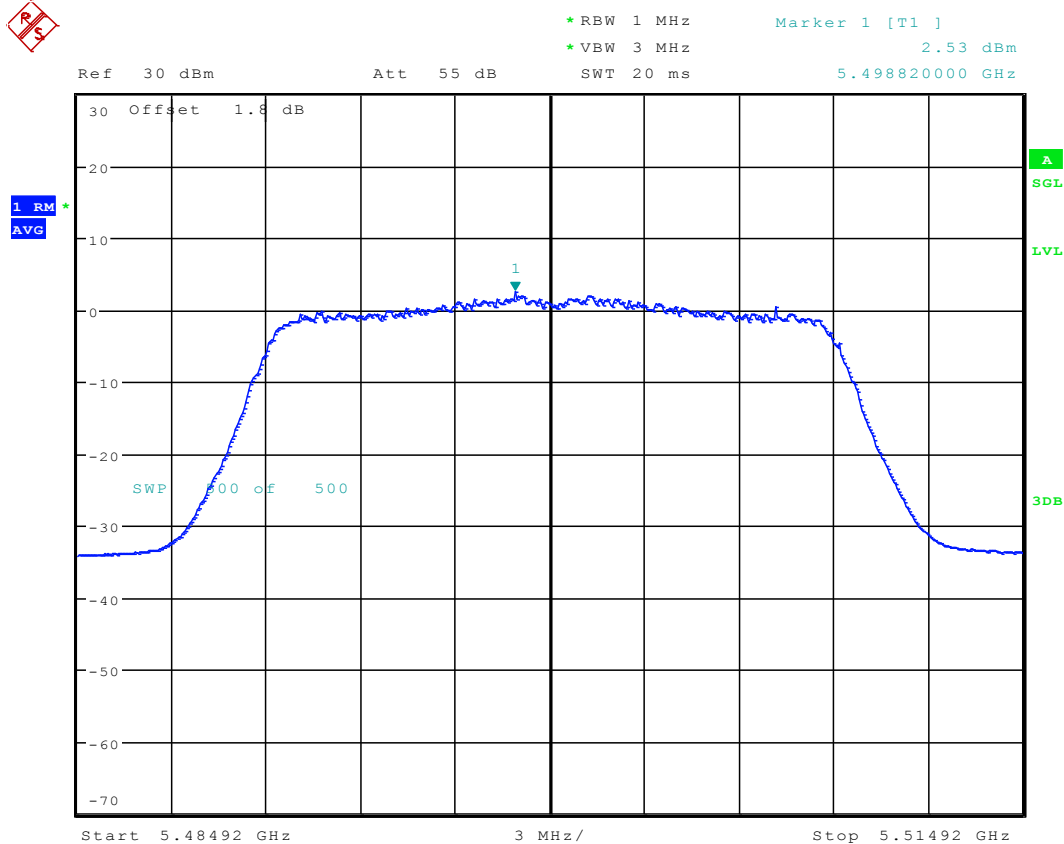
Date: 30.JAN.2016 15:32:40

10.28 11AC20_64 Ant 1



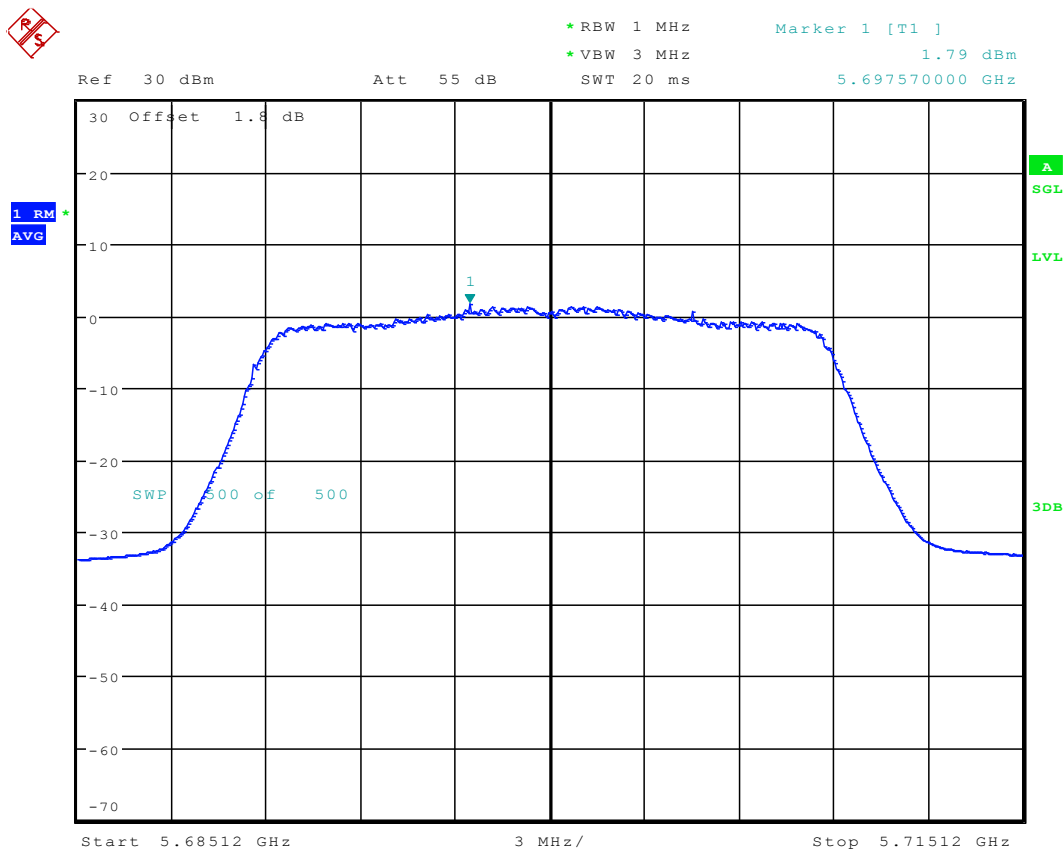
Date: 30.JAN.2016 15:37:23

10.29 11AC20_100 Ant 1



Date: 30.JAN.2016 15:43:46

10.30 11AC20_140 Ant 1

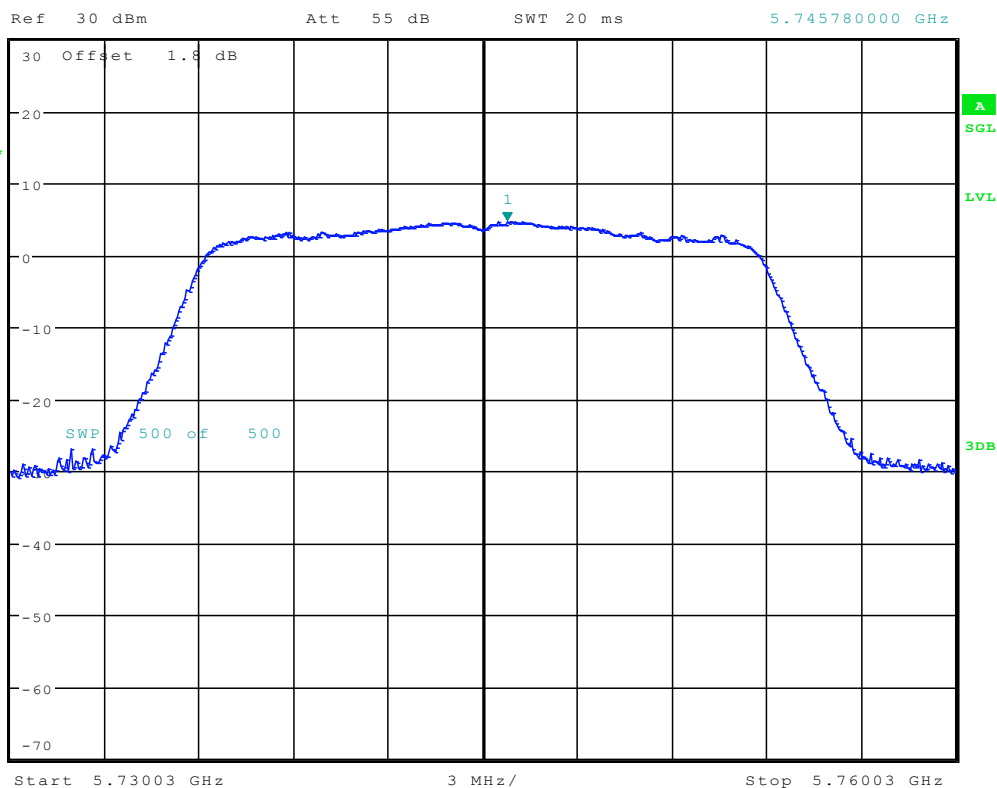


Date: 30.JAN.2016 15:49:06

10.31 11AC20_149 Ant 1

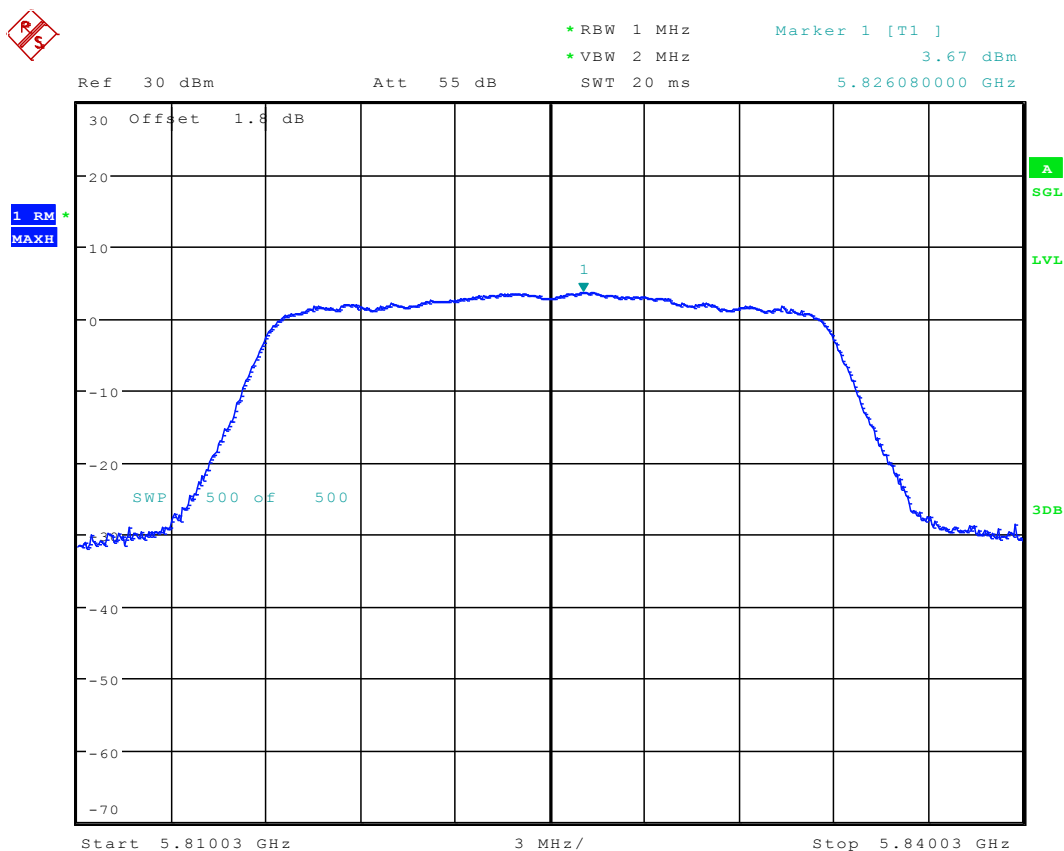


* RBW 1 MHz Marker 1 [T1]
 * VBW 2 MHz 4.66 dBm
 SWT 20 ms 5.745780000 GHz



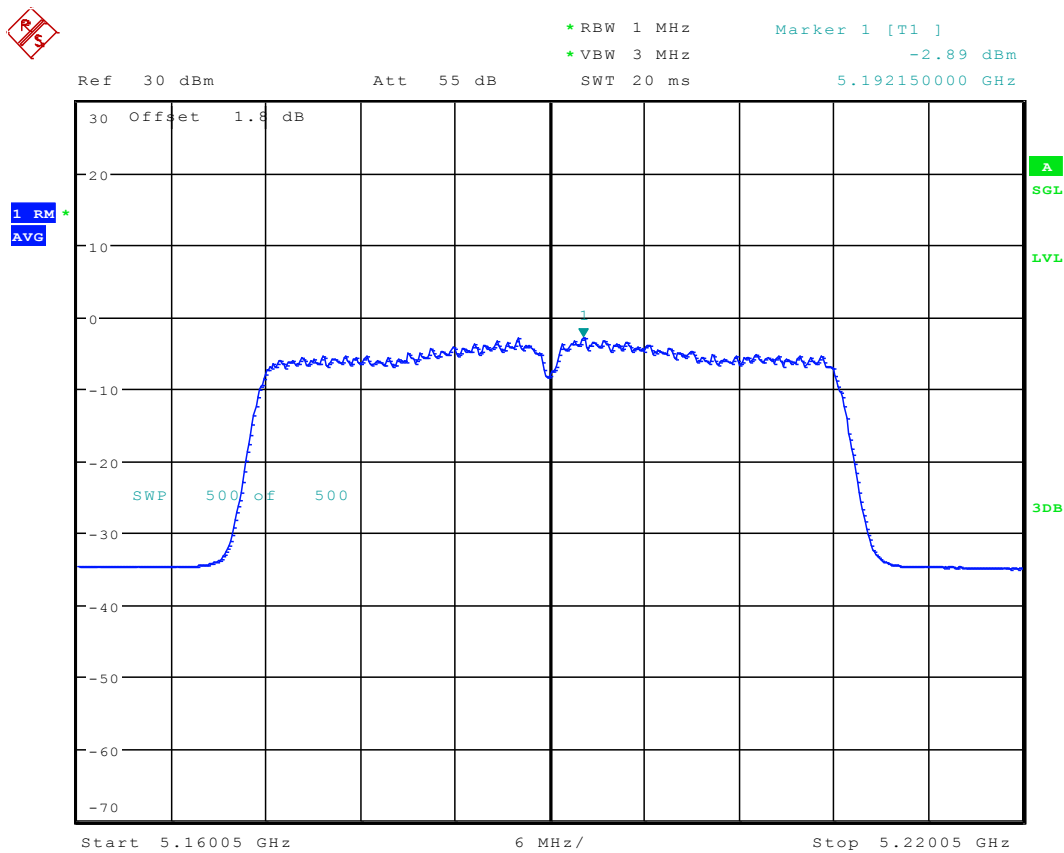
Date: 30.JAN.2016 15:54:28

10.32 11AC20_165 Ant 1



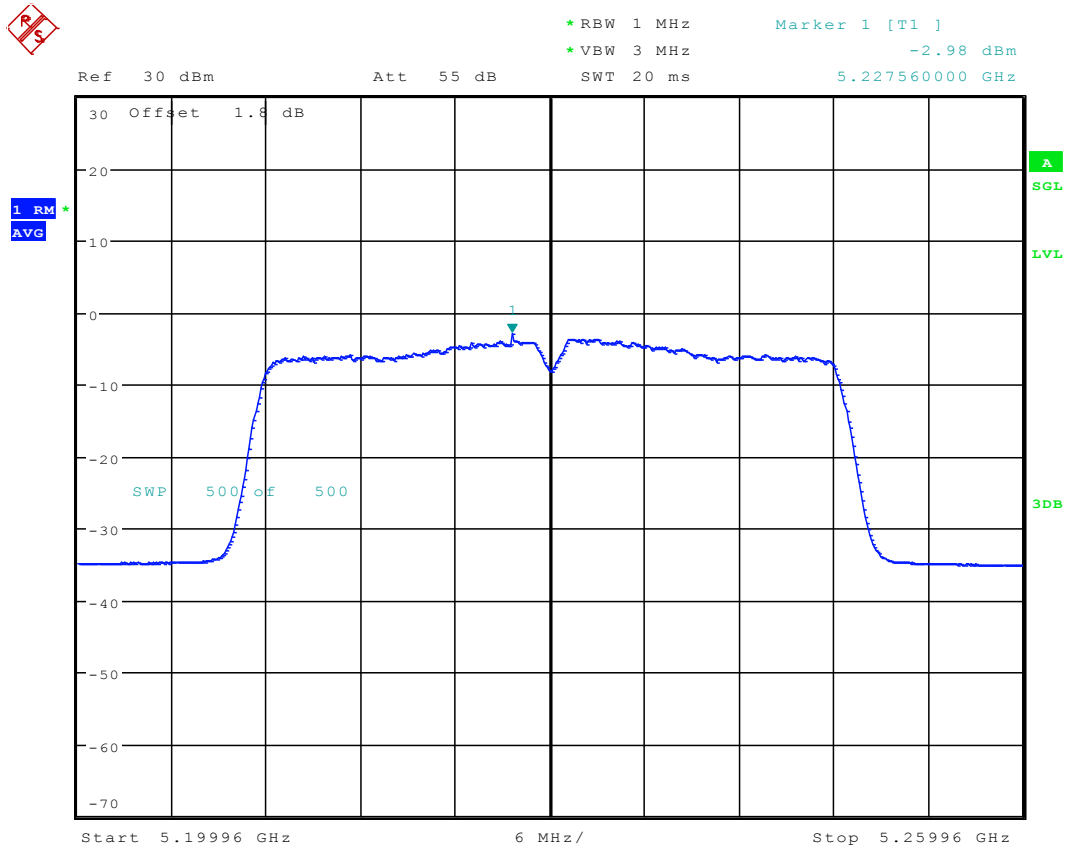
Date: 30.JAN.2016 16:00:52

10.33 11AC40_38 Ant 1



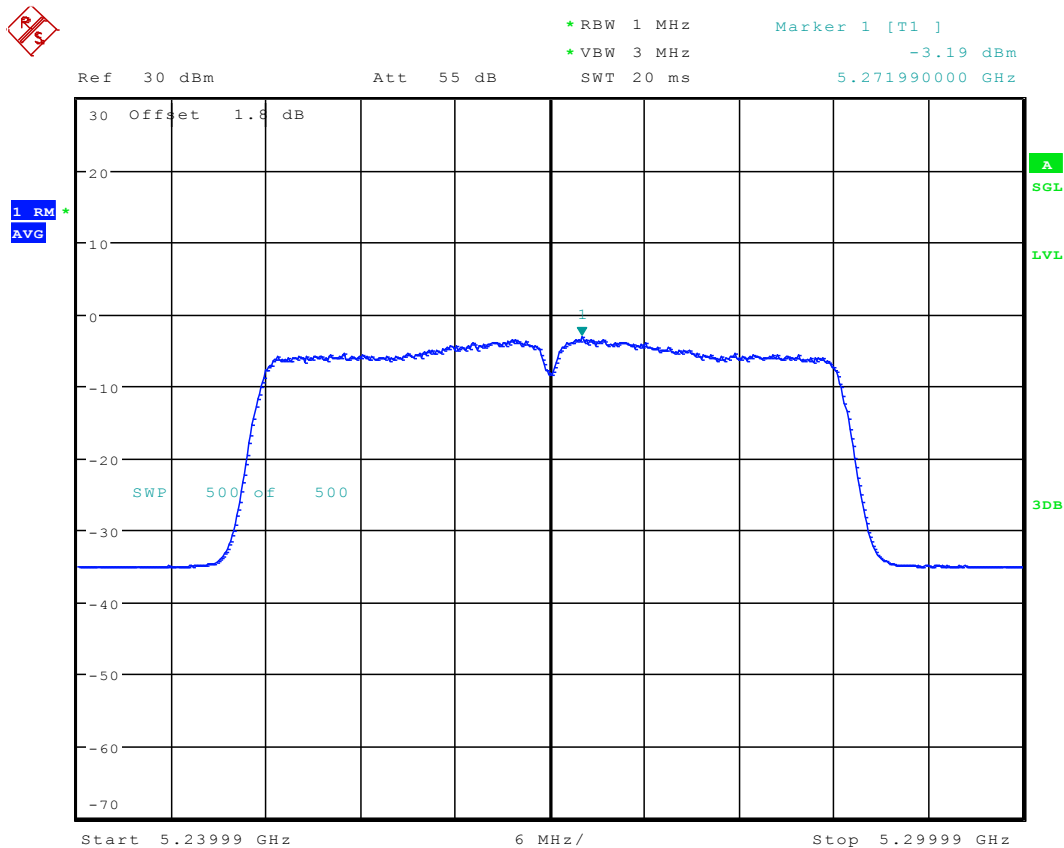
Date: 1.FEB.2016 17:21:59

10.34 11AC40_46 Ant 1



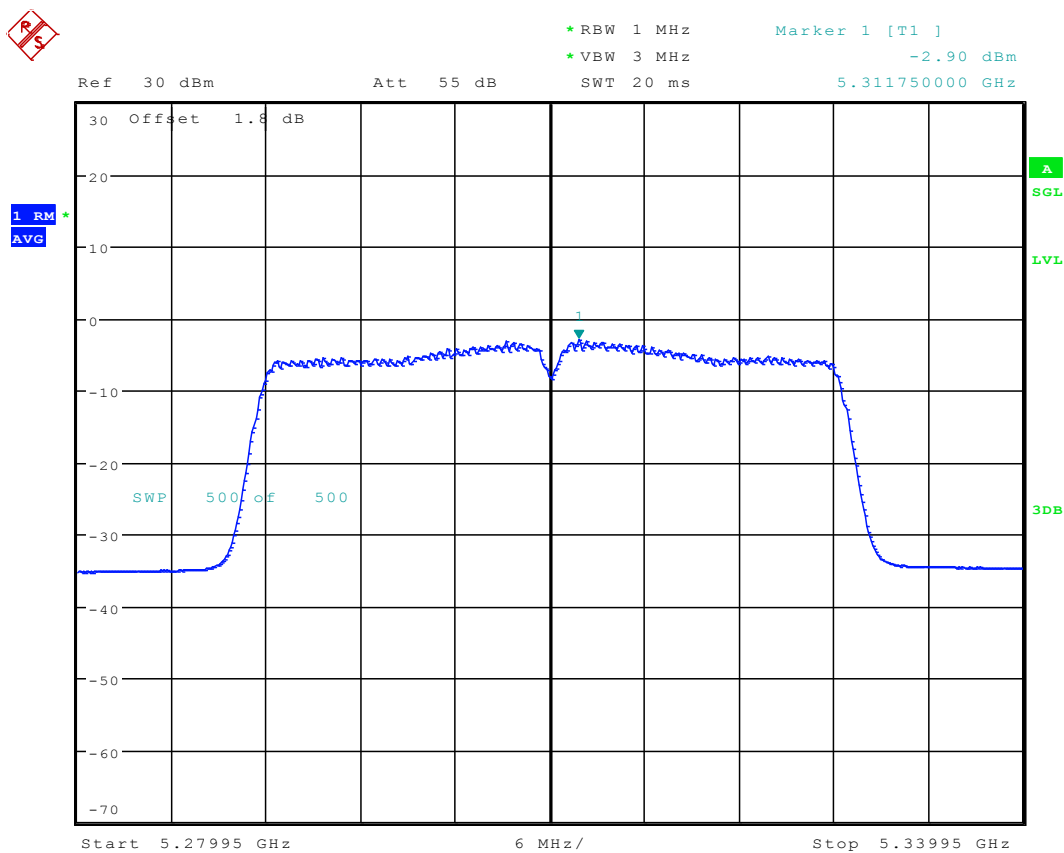
Date: 1.FEB.2016 17:28:30

10.35 11AC40_54 Ant 1



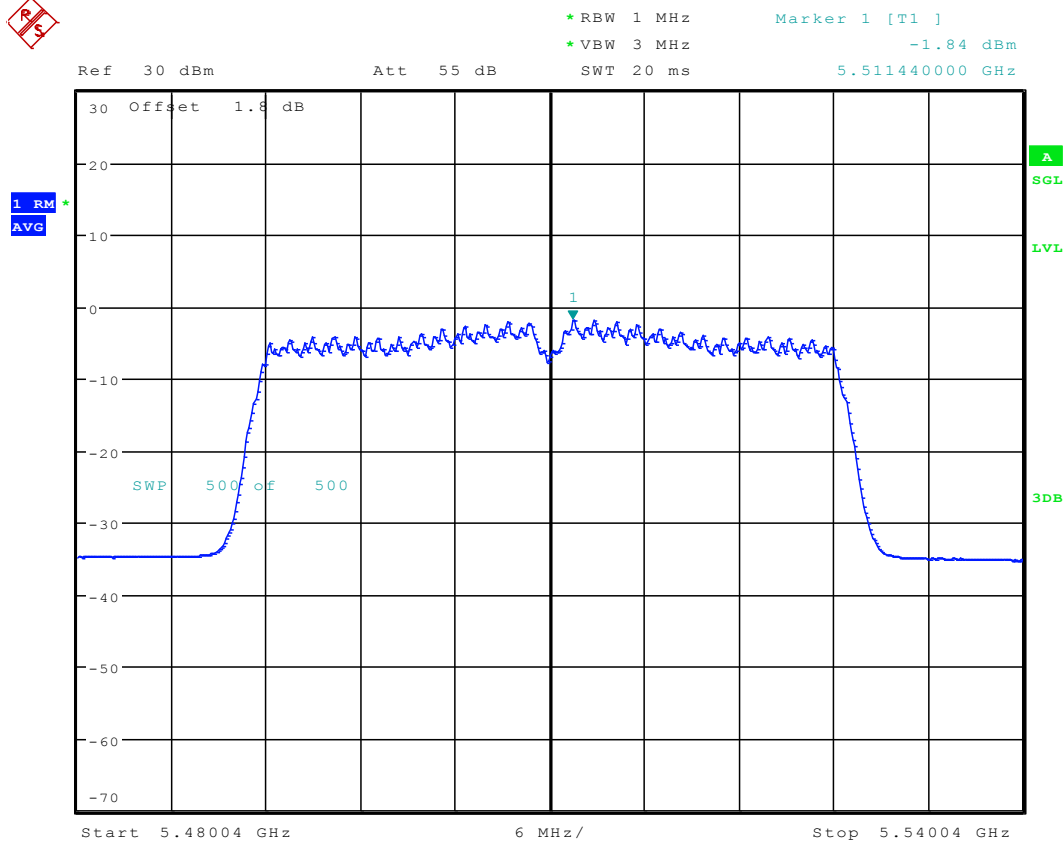
Date: 1.FEB.2016 17:34:59

10.36 11AC40_62 Ant 1



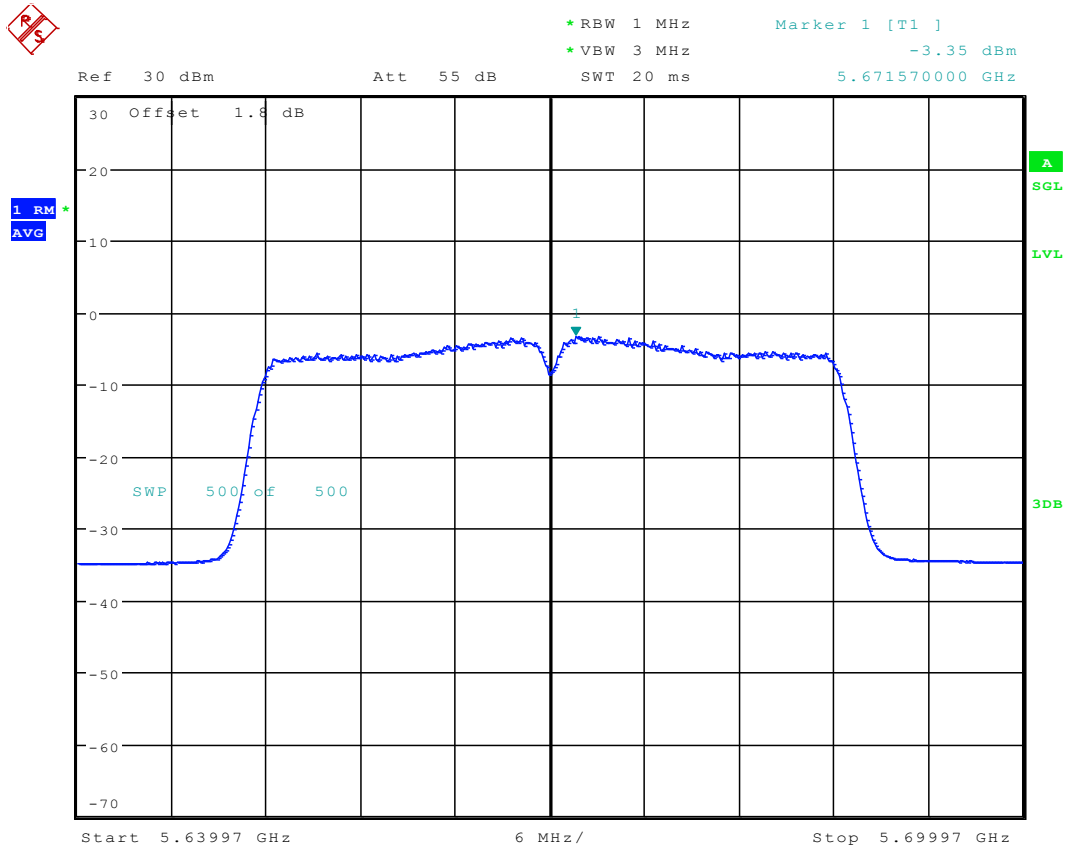
Date: 1.FEB.2016 17:40:01

10.37 11AC40_102 Ant 1



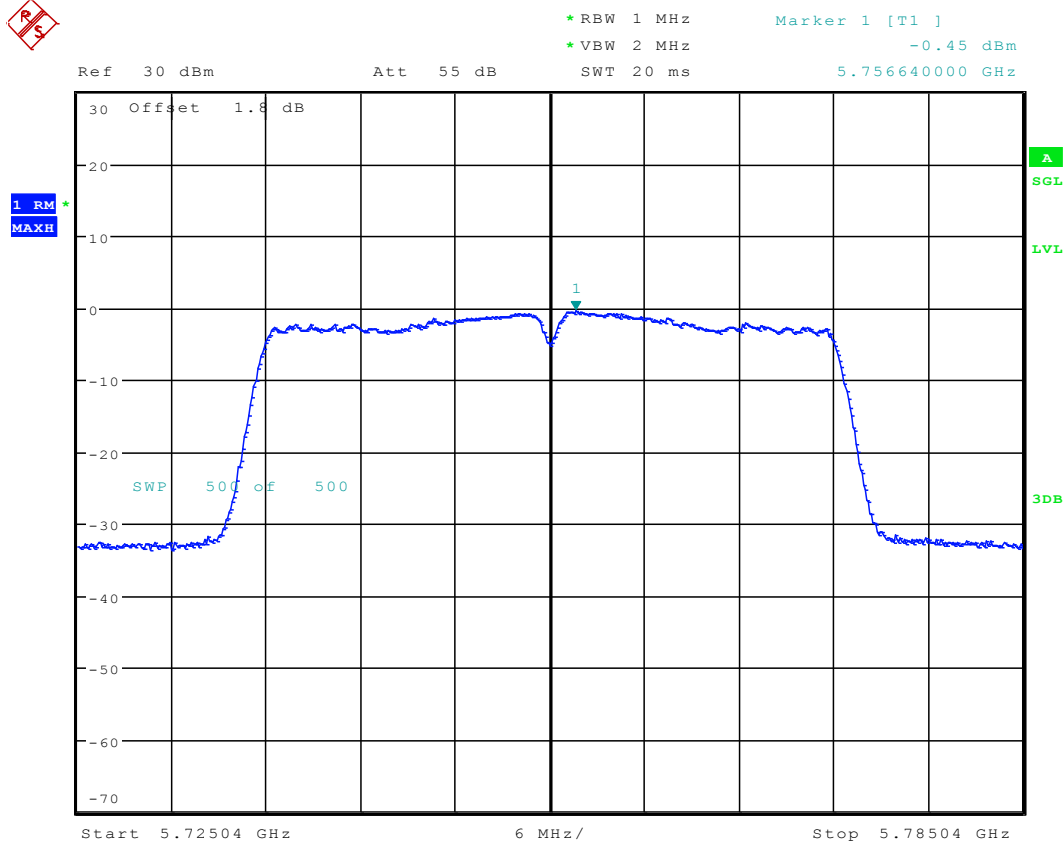
Date: 1.FEB.2016 17:44:51

10.38 11AC40_134 Ant 1



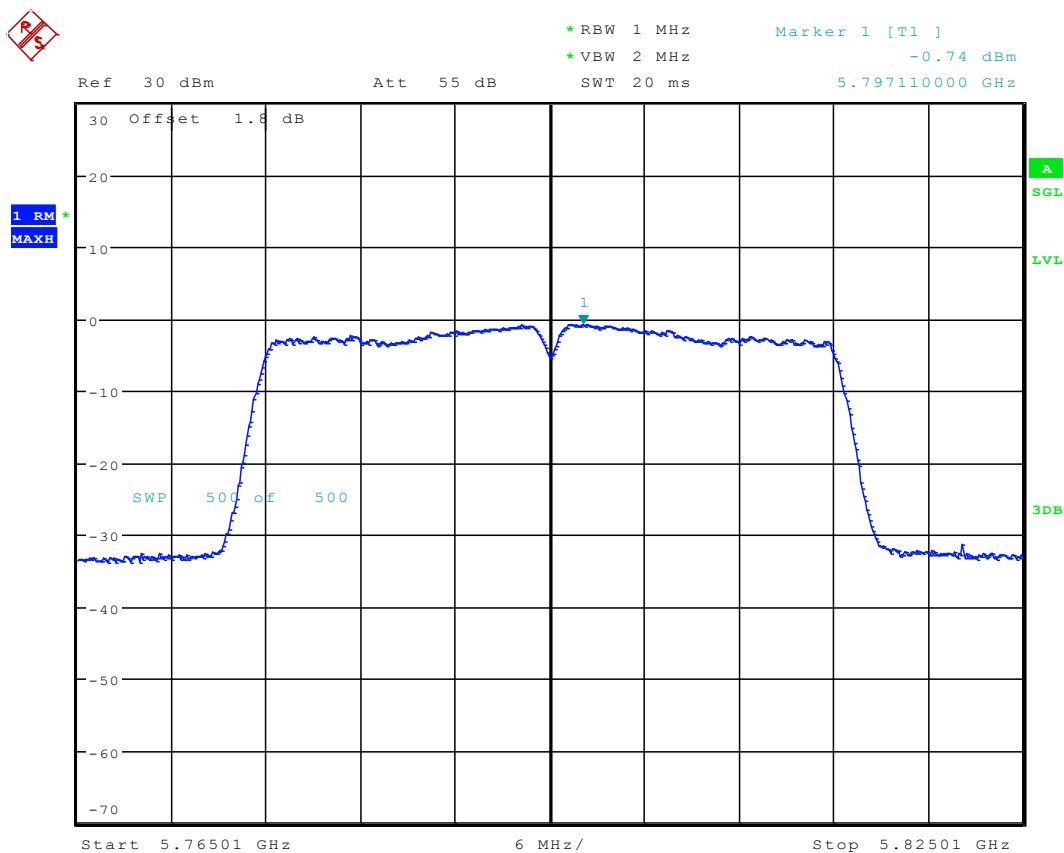
Date: 1.FEB.2016 17:48:29

10.39 11AC40_151 Ant 1



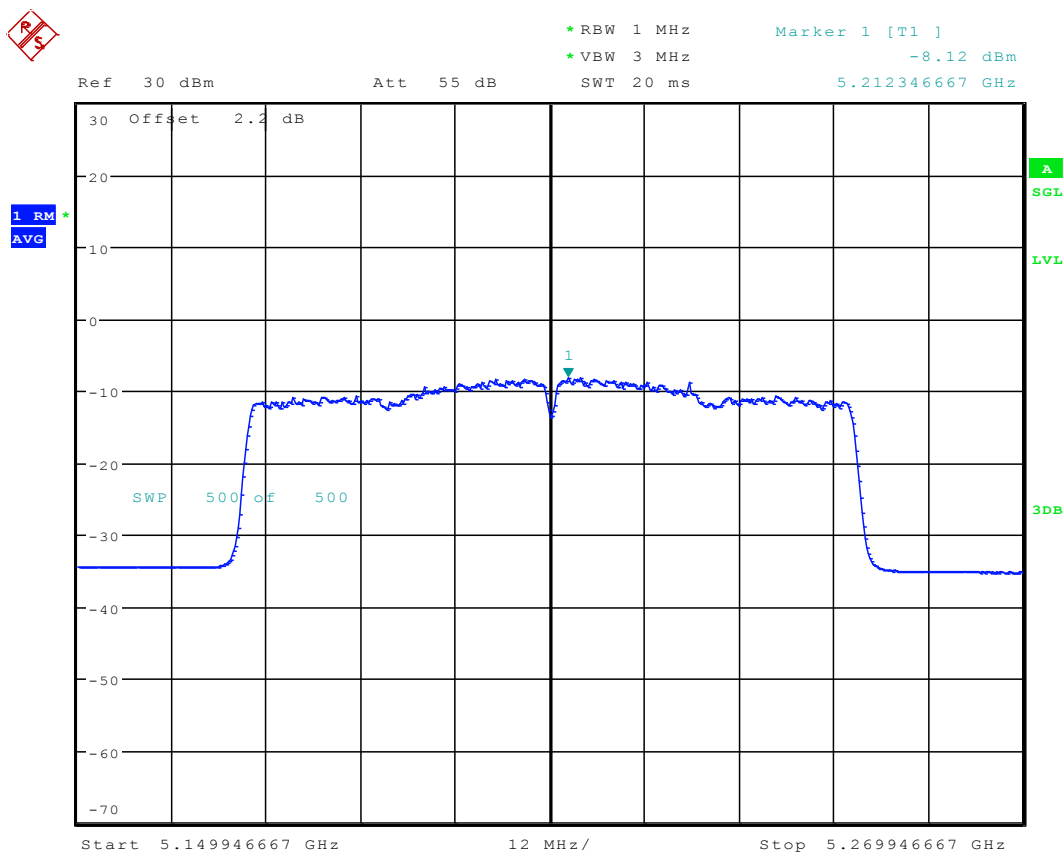
Date: 1.FEB.2016 17:53:46

10.40 11AC40_159 Ant 1



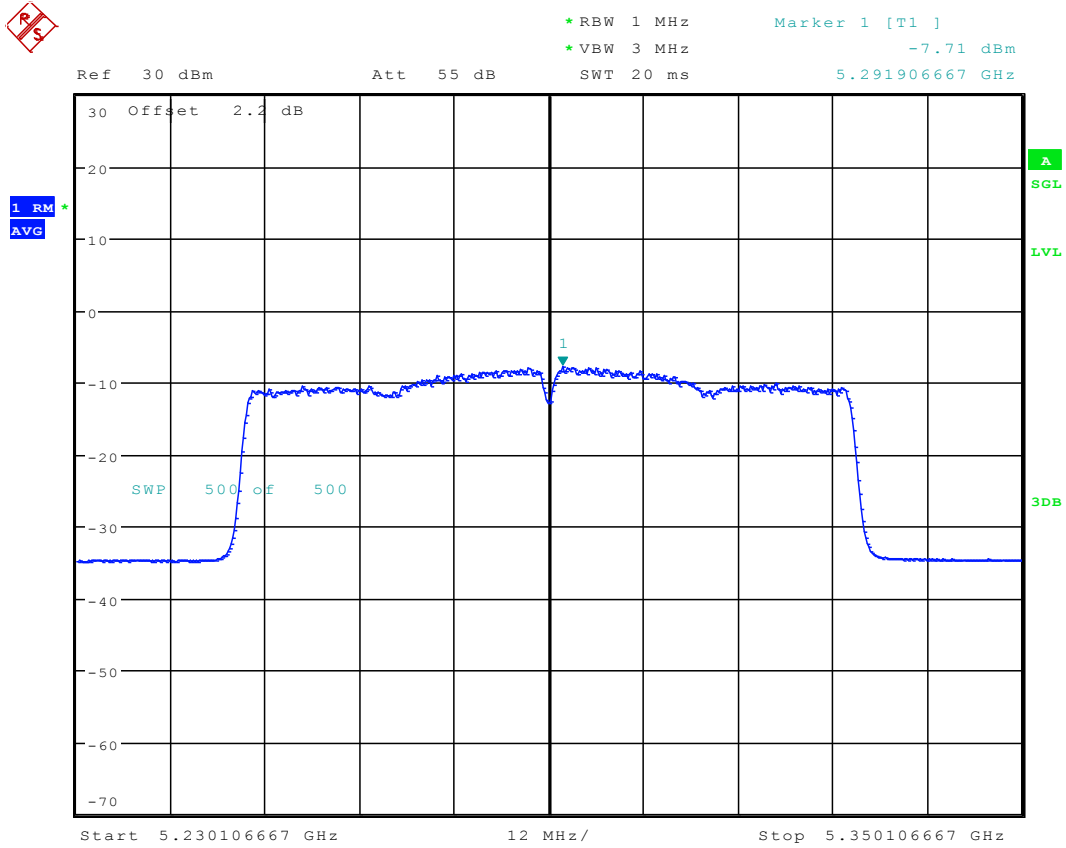
Date: 1.FEB.2016 17:59:04

10.41 11AC80_42 Ant 1



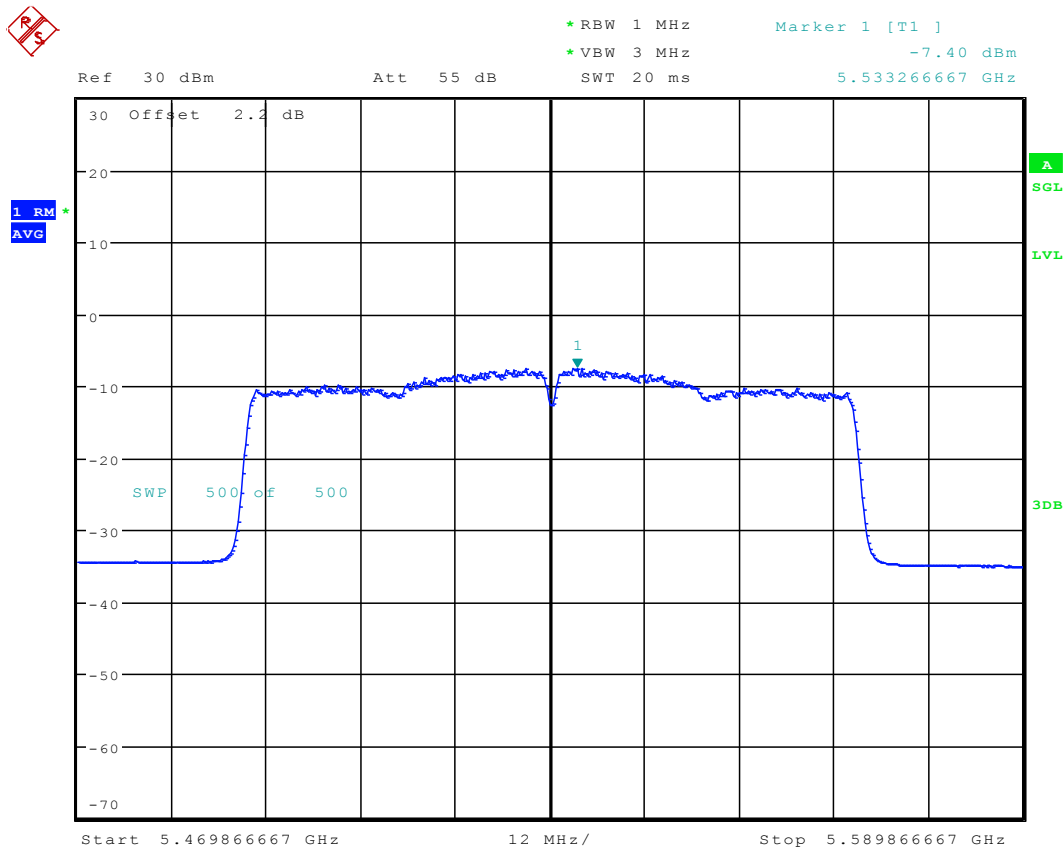
Date: 30.JAN.2016 17:13:40

10.42 11AC80_58 Ant 1



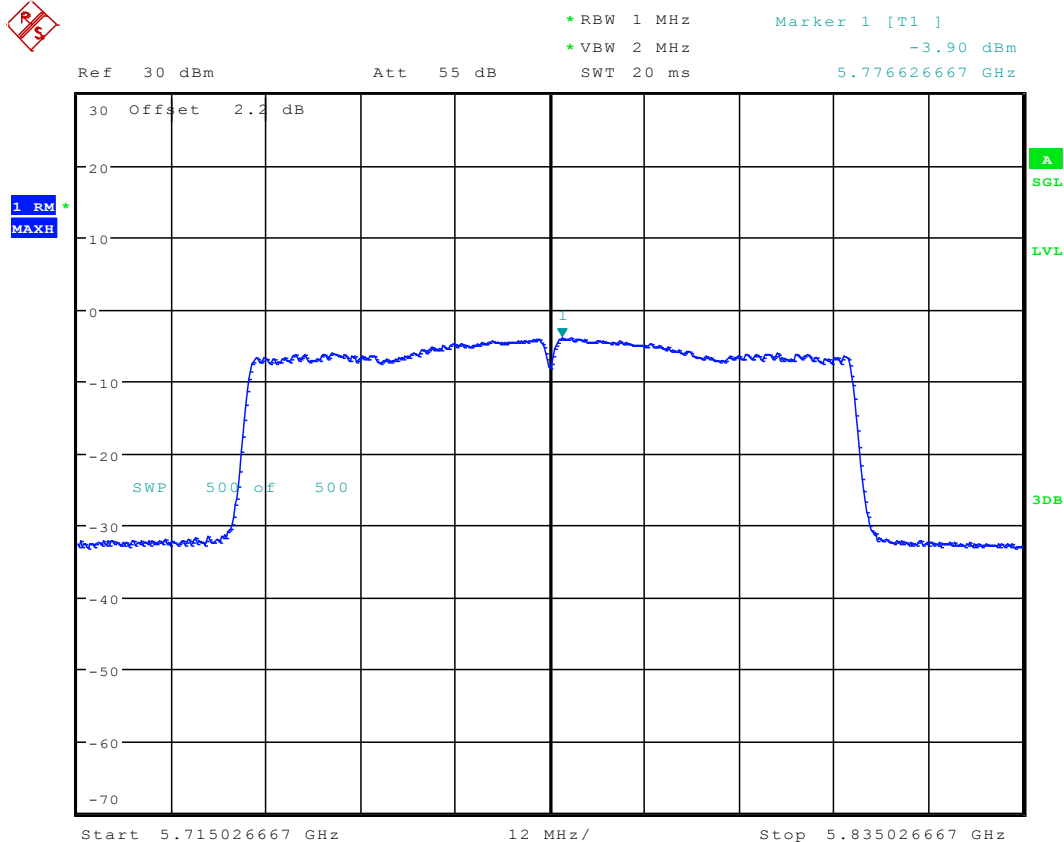
Date: 30.JAN.2016 17:18:32

10.43 11AC80_106 Ant 1



Date: 30.JAN.2016 17:23:11

10.44 11AC80_155 Ant 1



Date: 30.JAN.2016 17:40:26

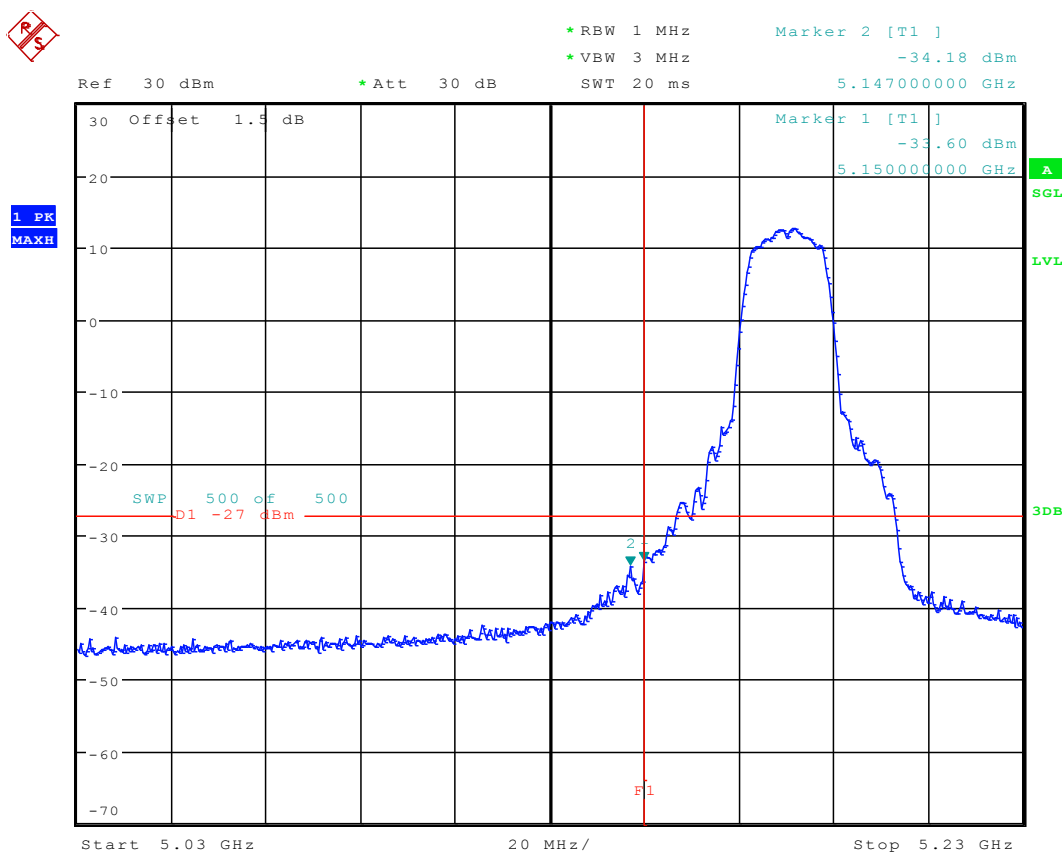
Appendix F: Unwanted Emissions into Non-Restricted Frequency Bands

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

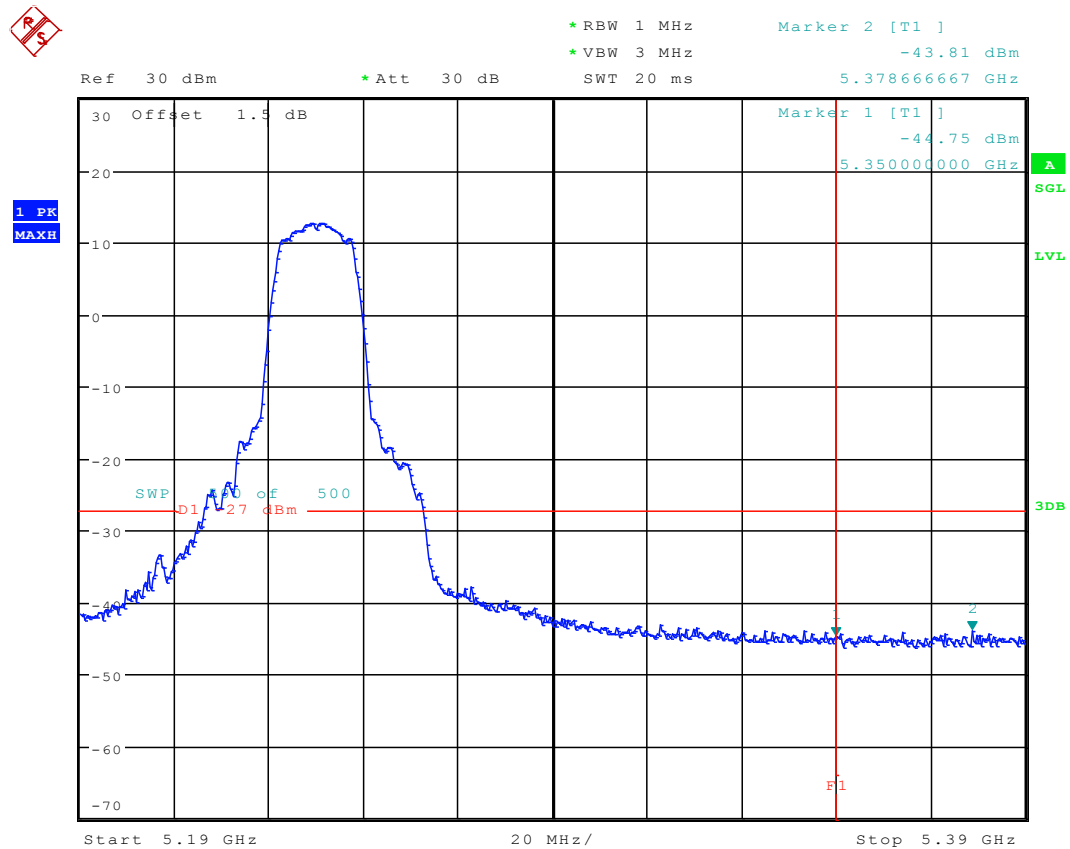
12 Test Plot

12.1 11A_36 Ant 1



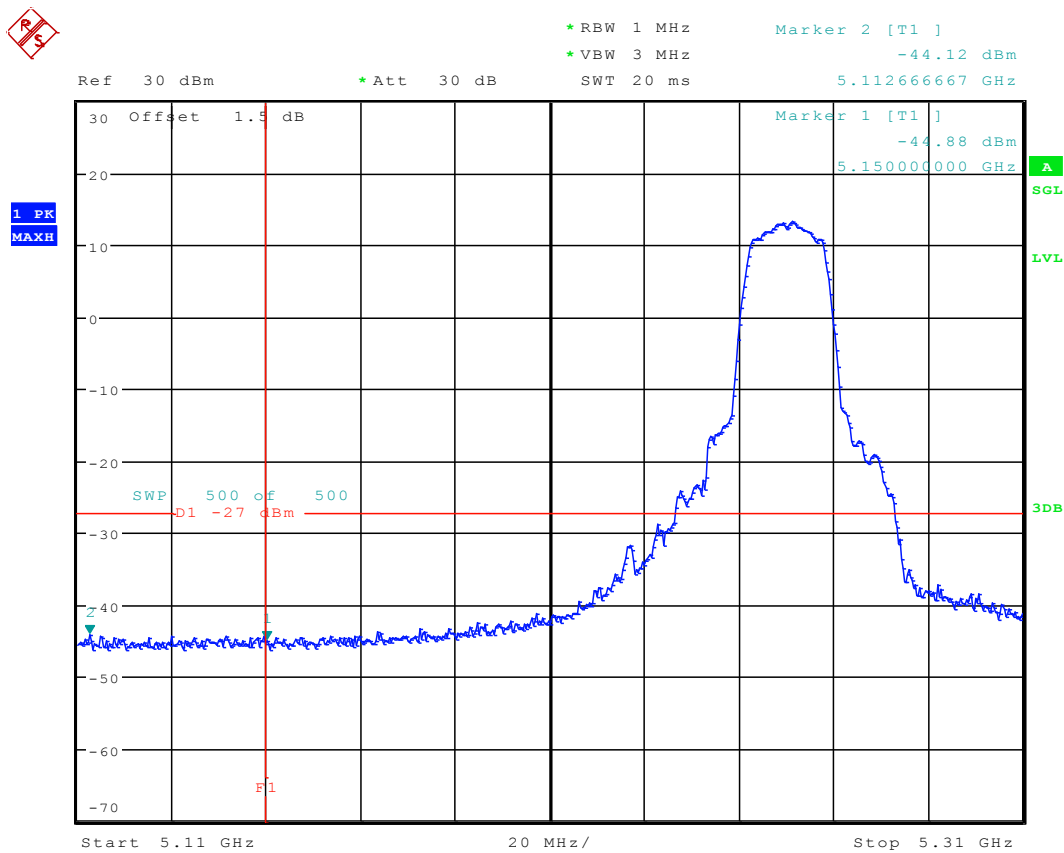
Date: 30.JAN.2016 11:05:37

12.2 11A_48 Ant 1



Date: 30.JAN.2016 11:10:29

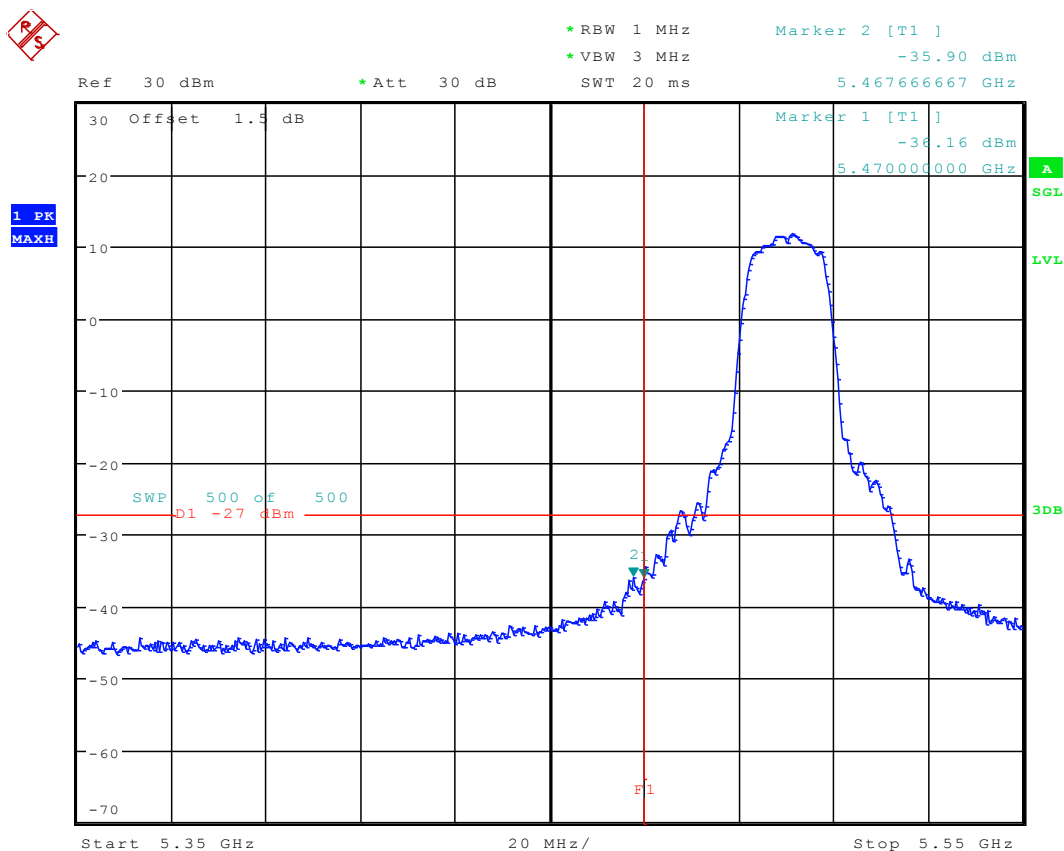
12.3 11A_52 Ant 1



Date: 30.JAN.2016 11:18:22

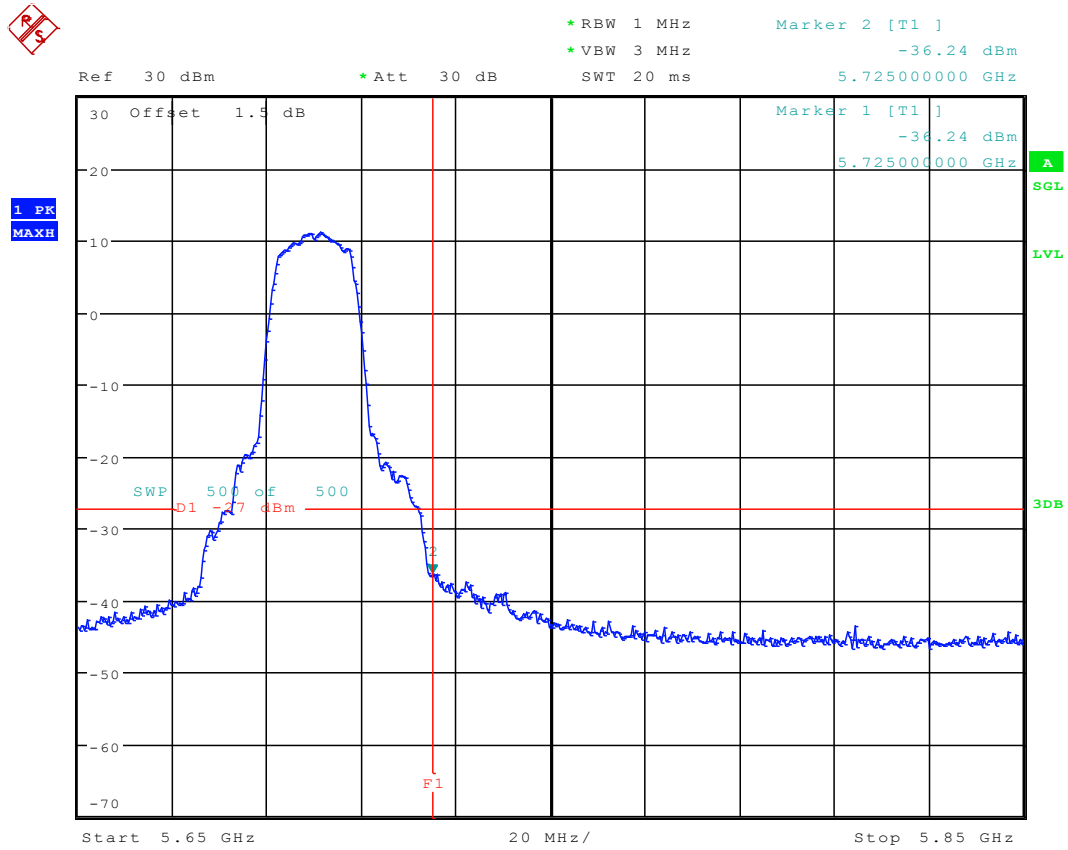


12.5 11A_100 Ant 1



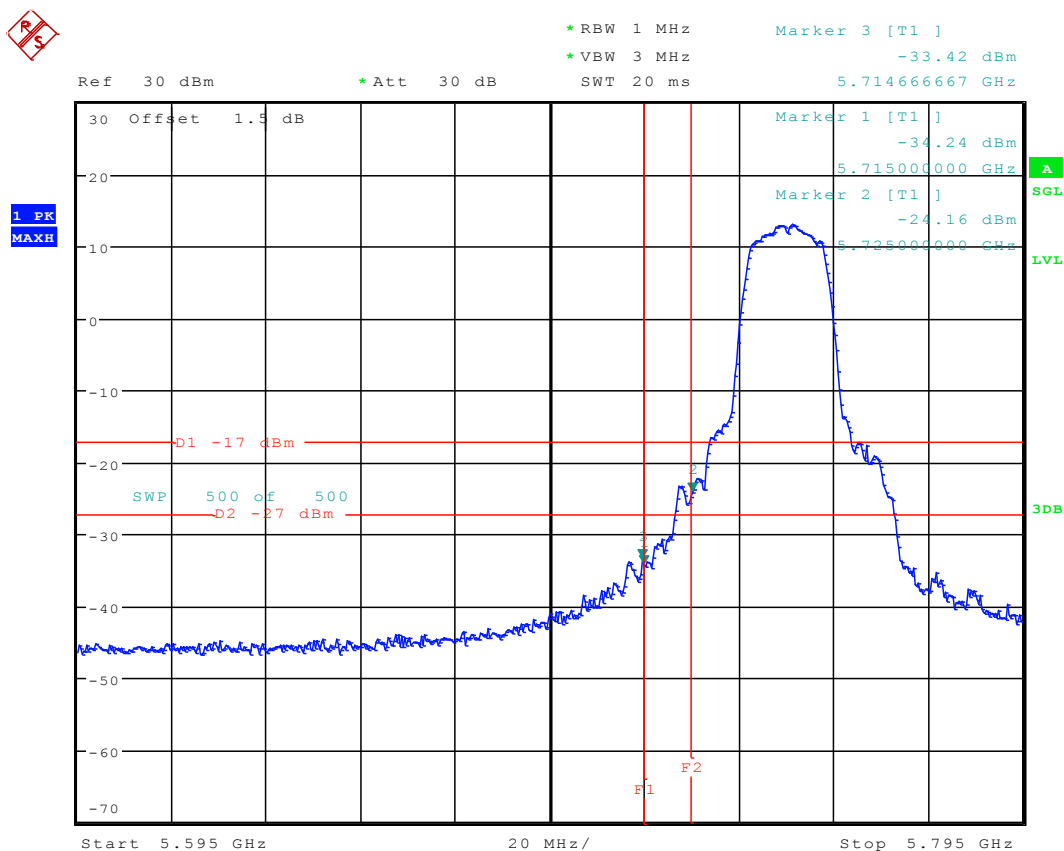
Date: 11.MAR.2016 16:28:12

12.6 11A_140 Ant 1



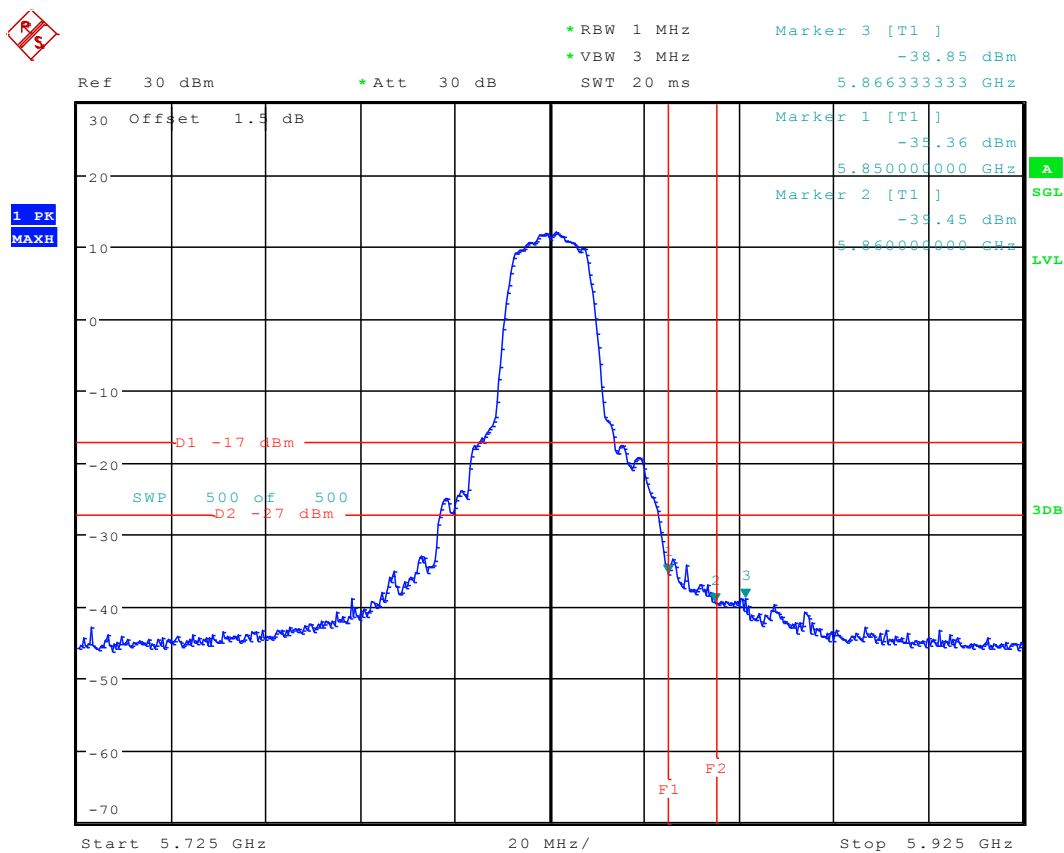
Date: 11.MAR.2016 16:36:22

12.7 11A_149 Ant 1



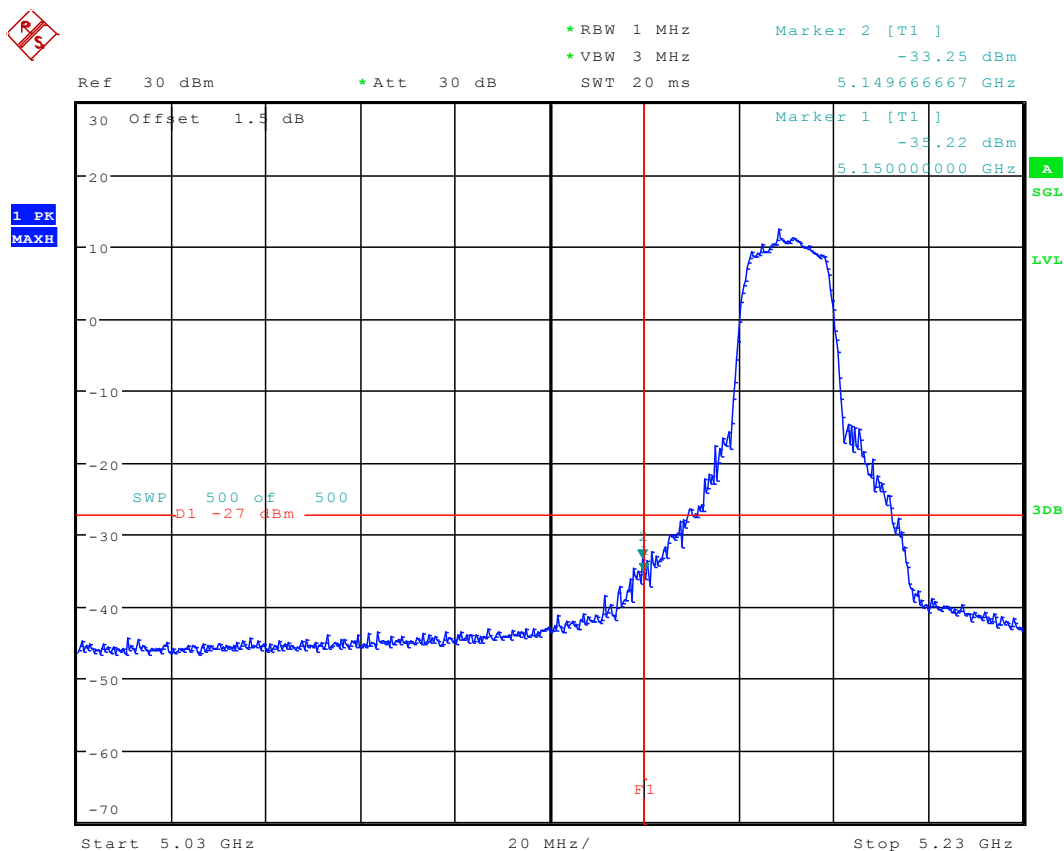
Date: 30.JAN.2016 11:50:50

12.8 11A_165 Ant 1



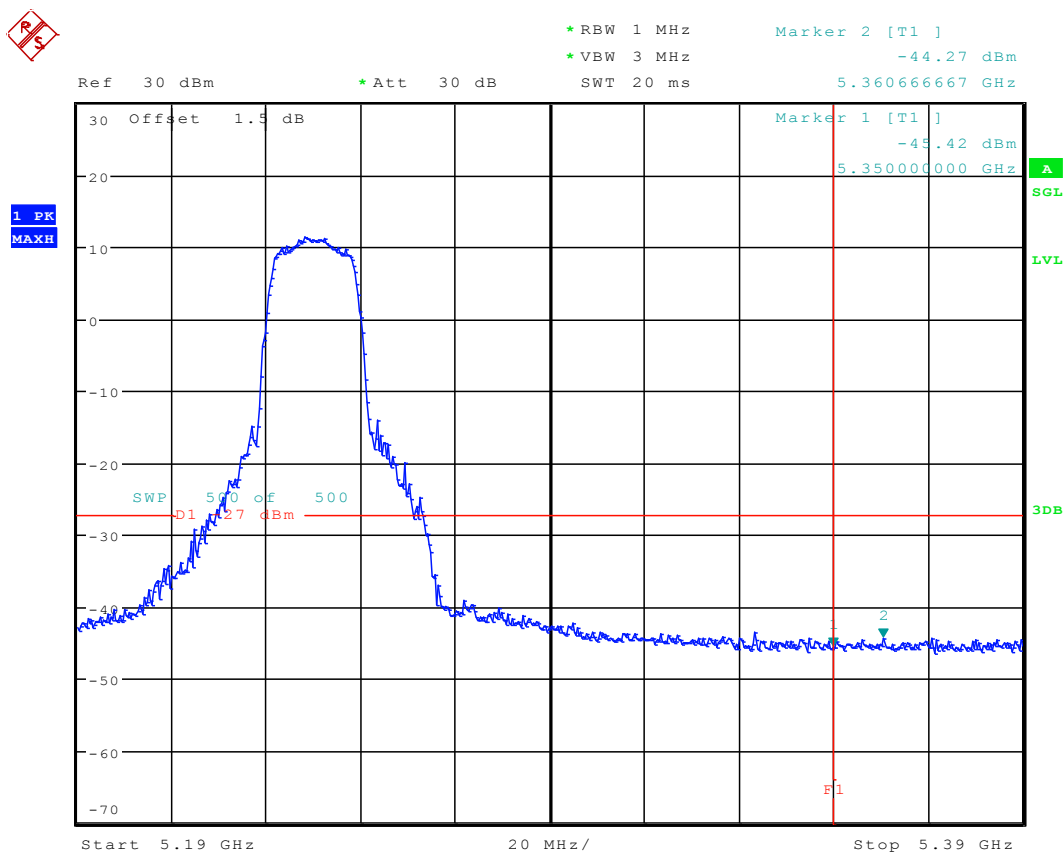
Date: 30.JAN.2016 11:59:01

12.9 11N20_36 Ant 1



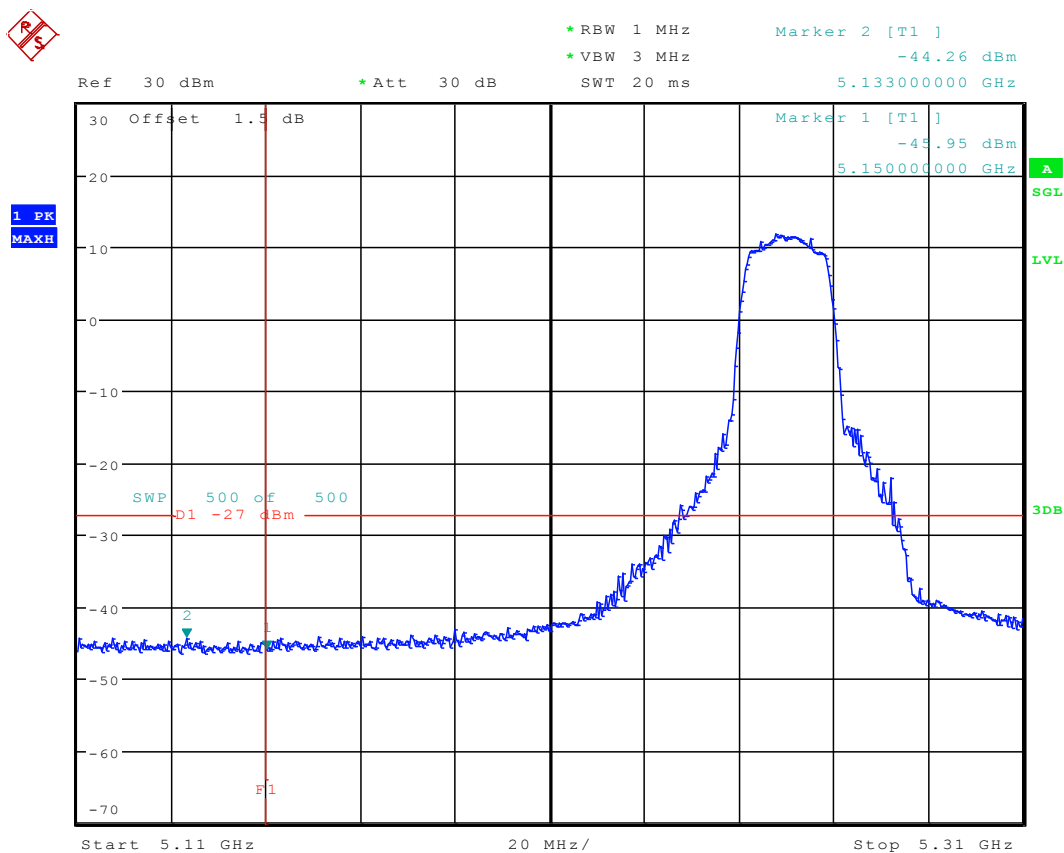
Date: 30.JAN.2016 12:08:11

12.10 11N20_48 Ant 1



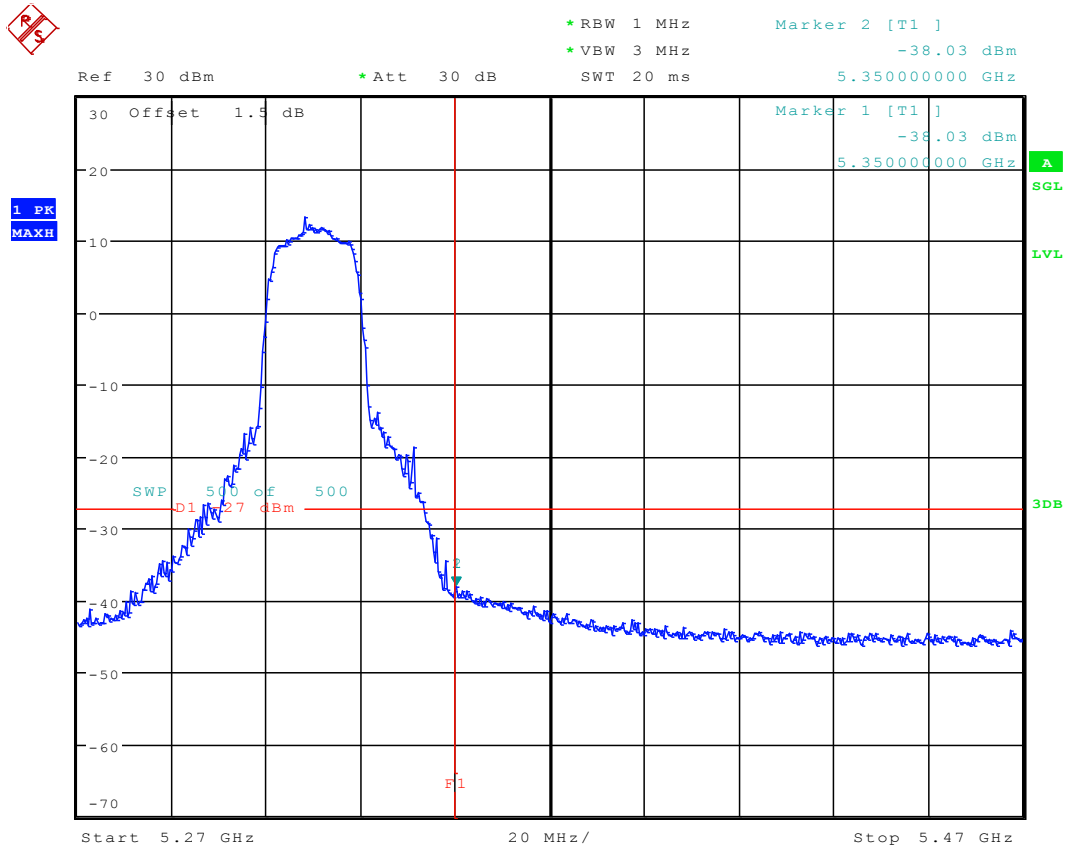
Date: 30.JAN.2016 12:19:03

12.11 11N20_52 Ant 1



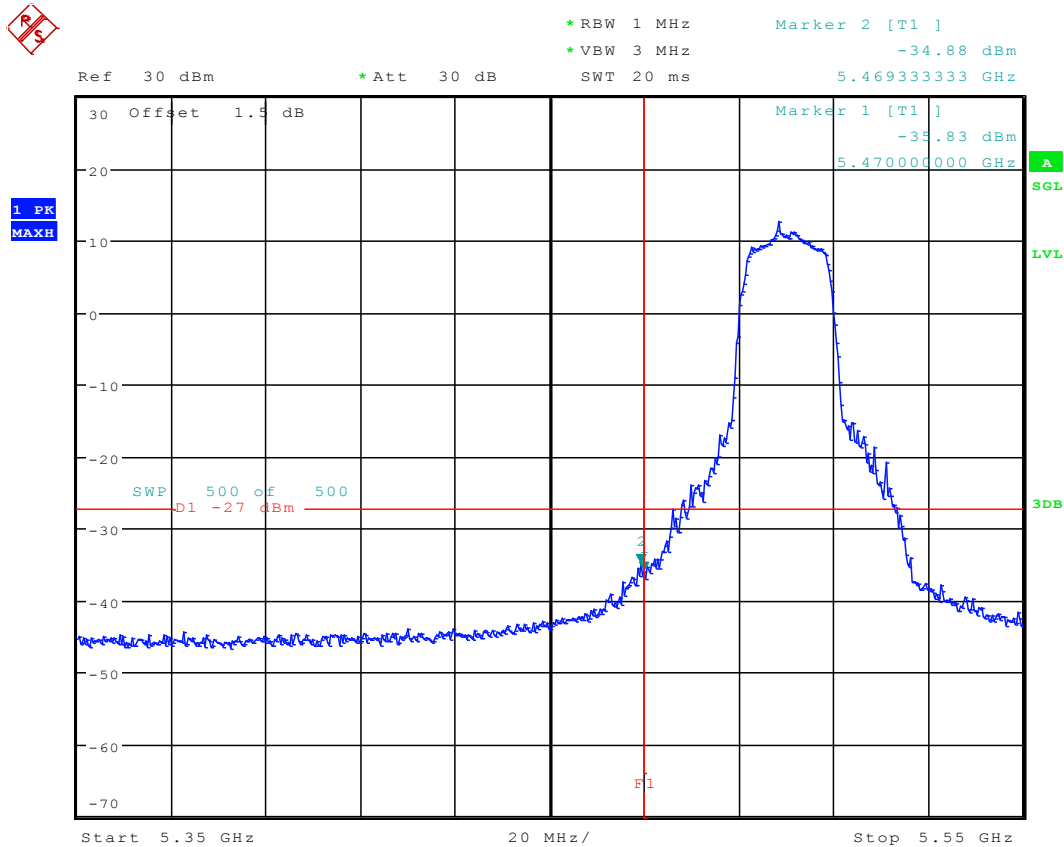
Date: 30.JAN.2016 12:30:32

12.12 11N20_64 Ant 1



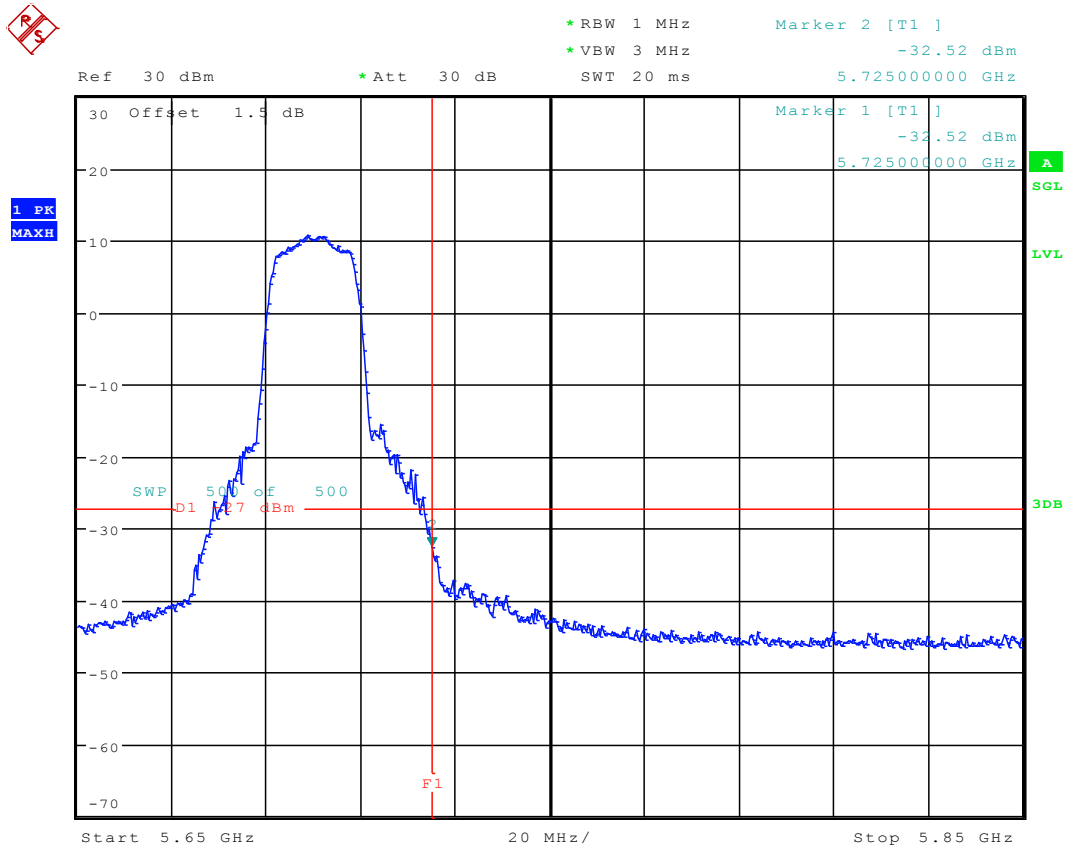
Date: 30.JAN.2016 12:35:43

12.13 11N20_100 Ant 1



Date: 11.MAR.2016 16:42:44

12.14 11N20_140 Ant 1

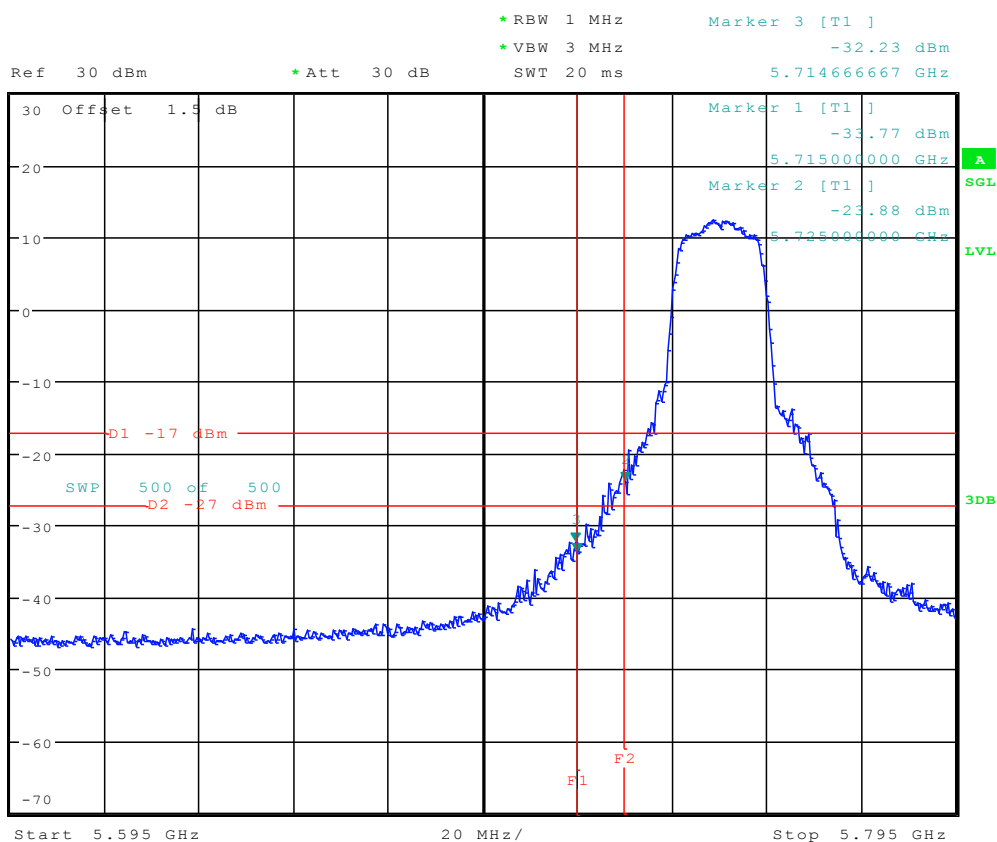


Date: 11.MAR.2016 16:53:55

12.15 11N20_149 Ant 1

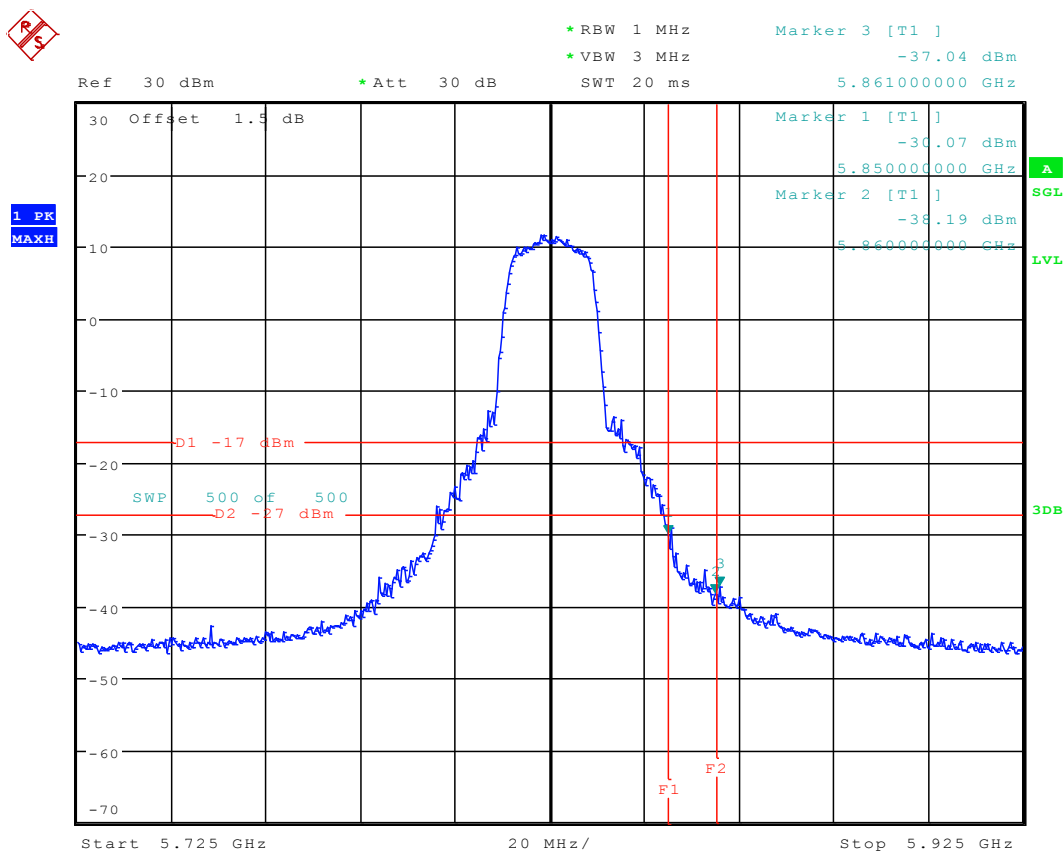


1 PK
MAXH



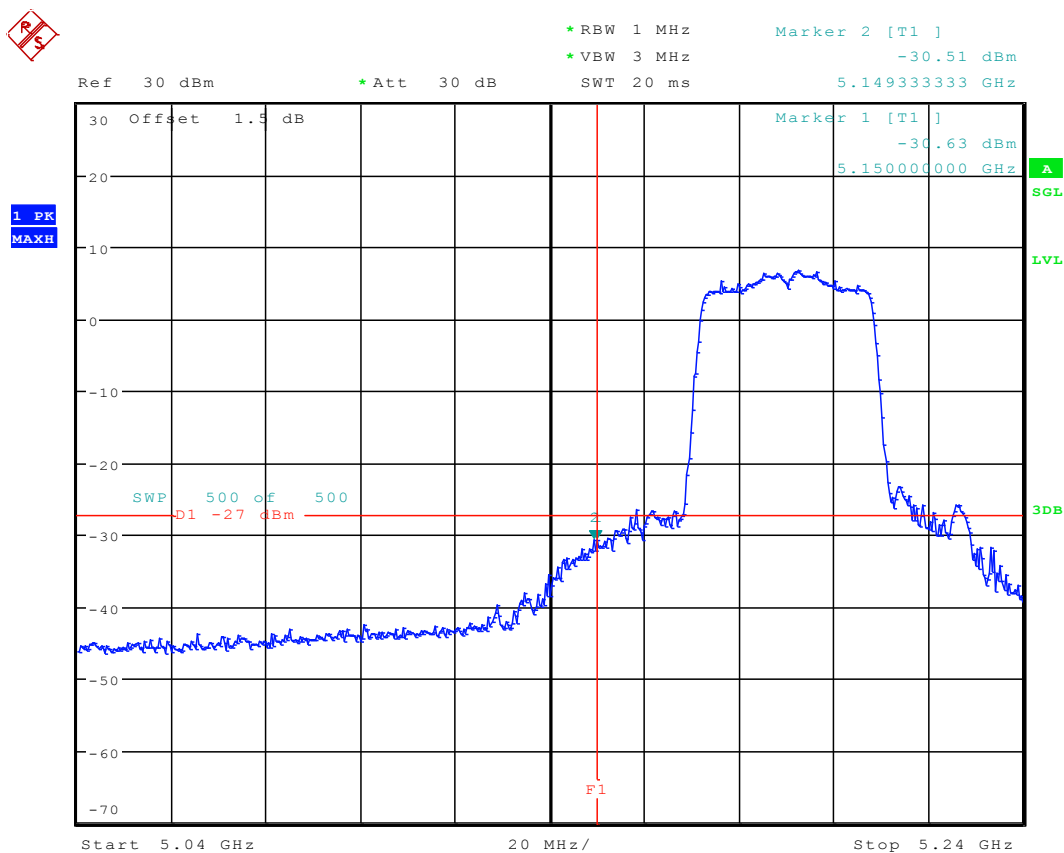
Date: 30.JAN.2016 14:22:32

12.16 11N20_165 Ant 1



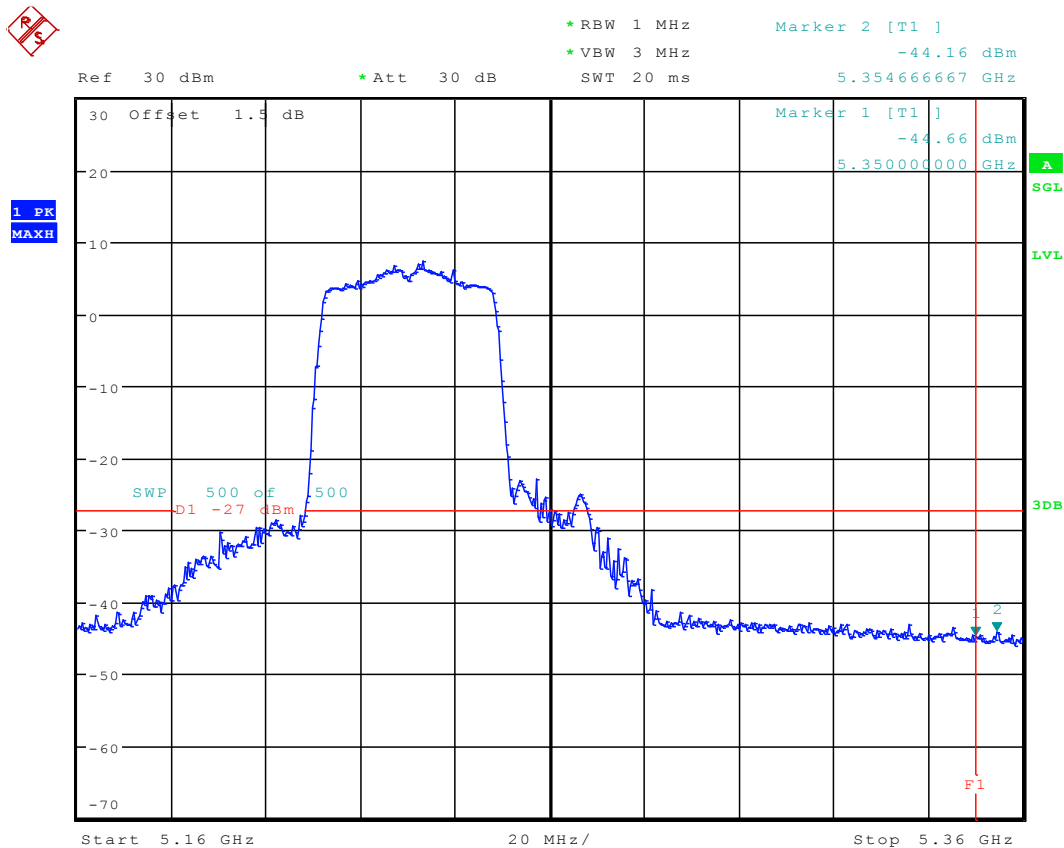
Date: 30.JAN.2016 14:28:16

12.17 11N40_38 Ant 1



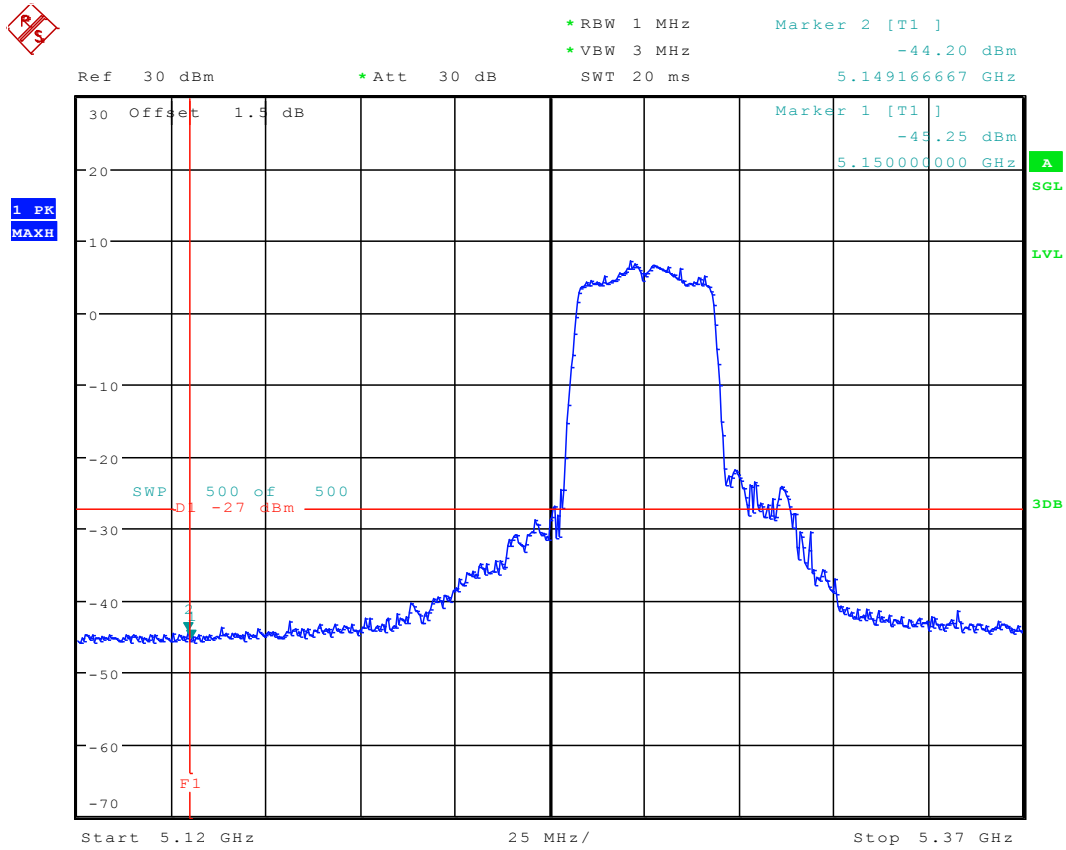
Date: 1.FEB.2016 16:58:26

12.18 11N40_46 Ant 1



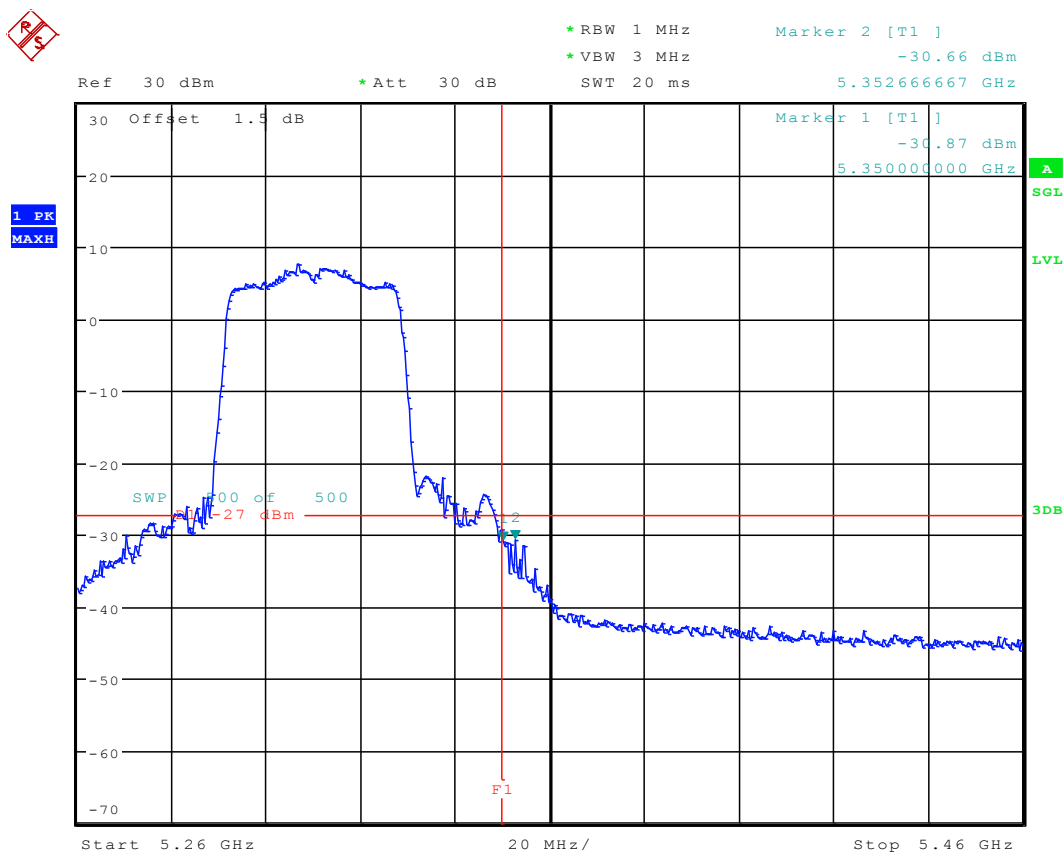
Date: 1.FEB.2016 17:04:37

12.19 11N40_54 Ant 1



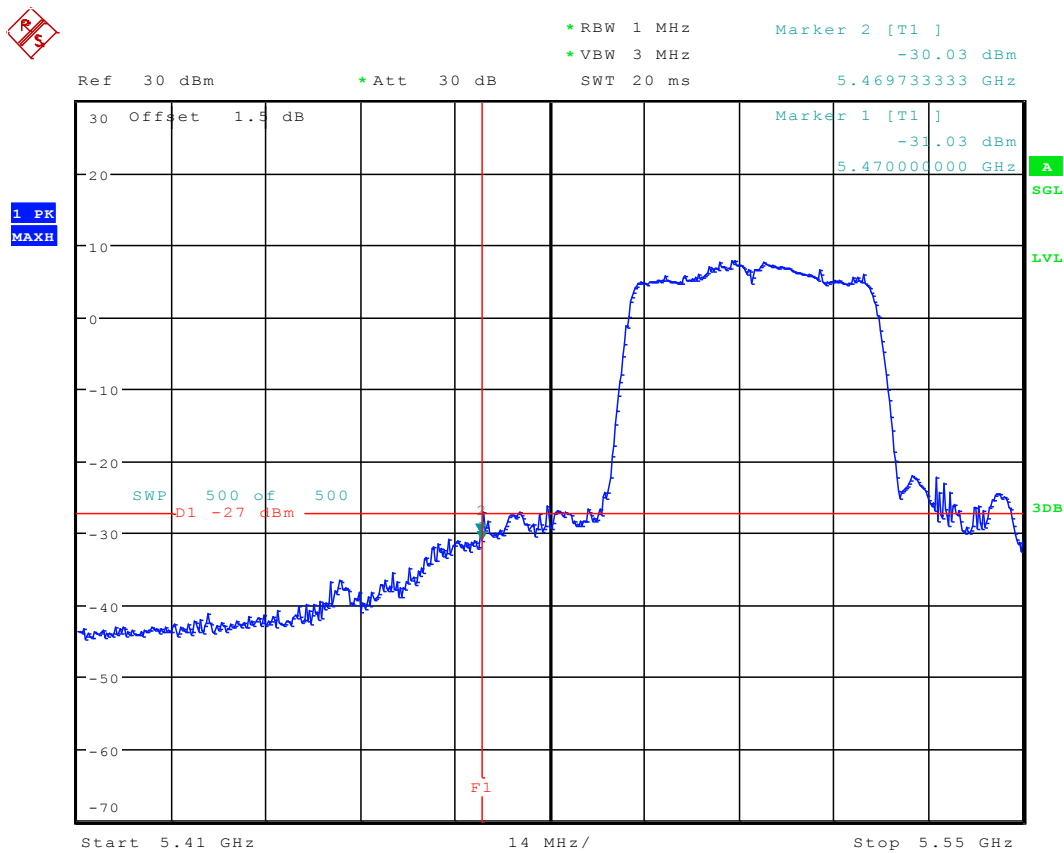
Date: 1.FEB.2016 17:09:57

12.20 11N40_62 Ant 1



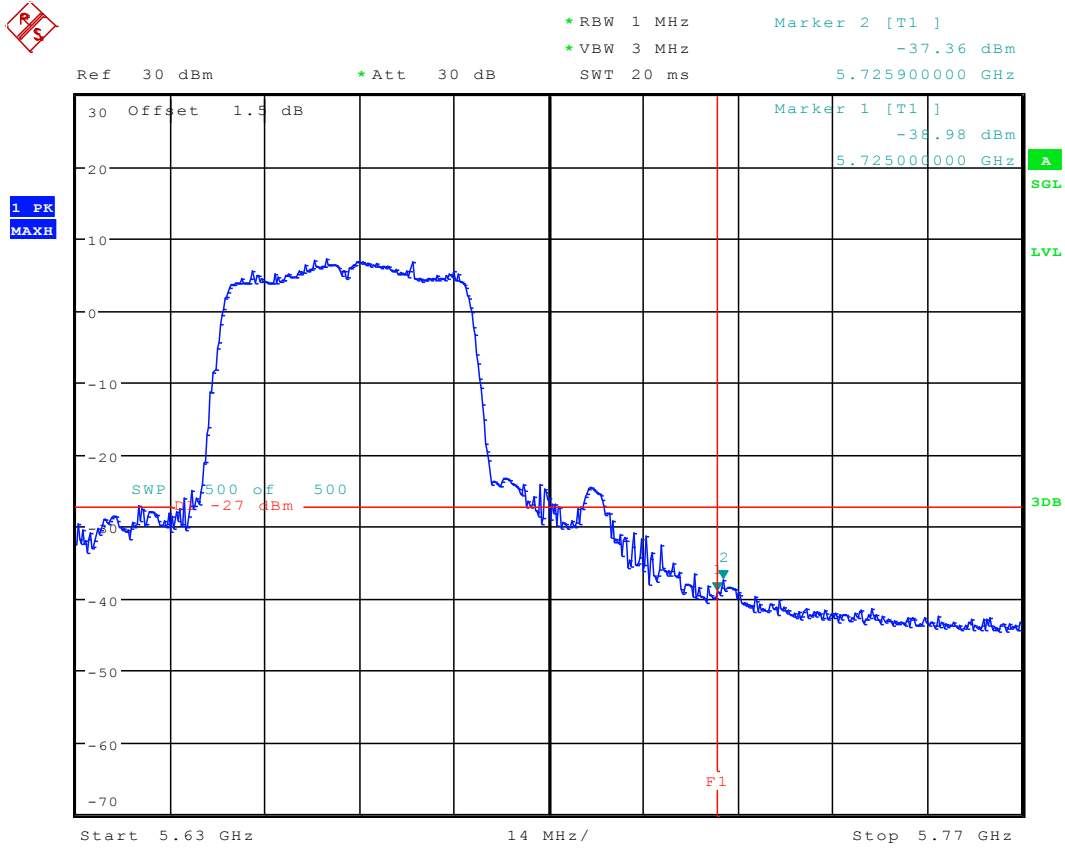
Date: 1.FEB.2016 16:12:58

12.21 11N40_102 Ant 1



Date: 1.FEB.2016 17:13:52

12.22 11N40_134 Ant 1

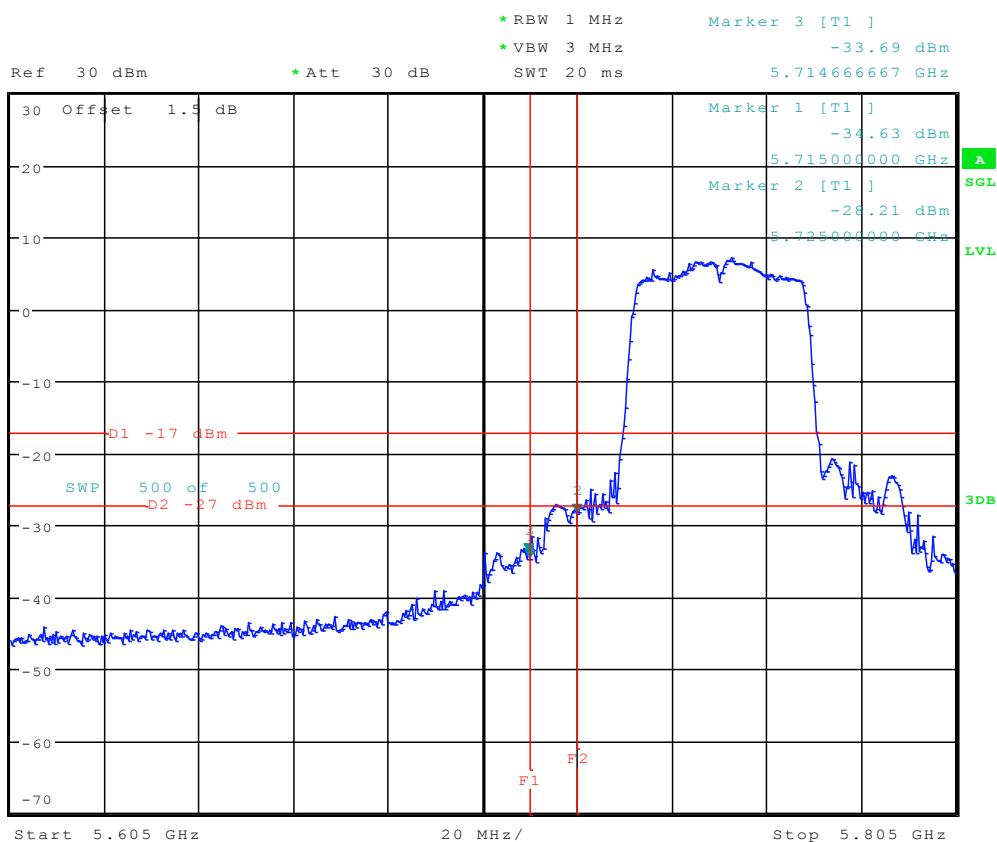


Date: 1.FEB.2016 17:17:03

12.23 11N40_151 Ant 1

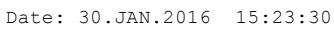


1 PK
MAXH



Date: 1.FEB.2016 16:42:42

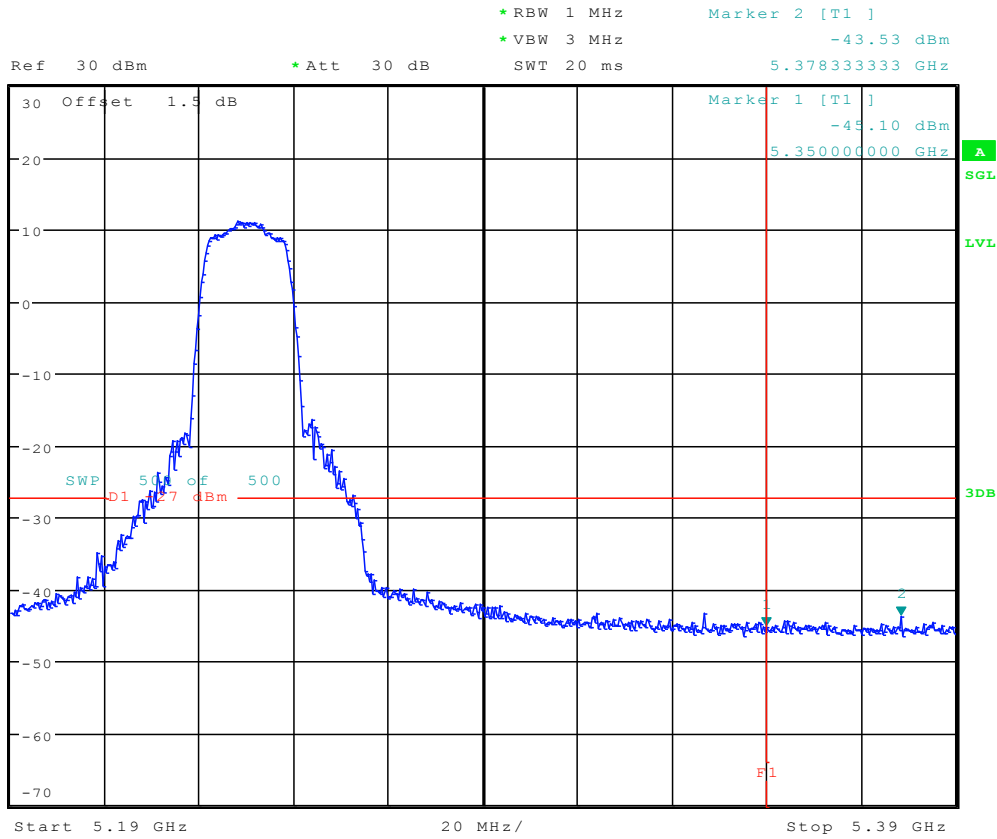




12.26 11AC20_48 Ant 1

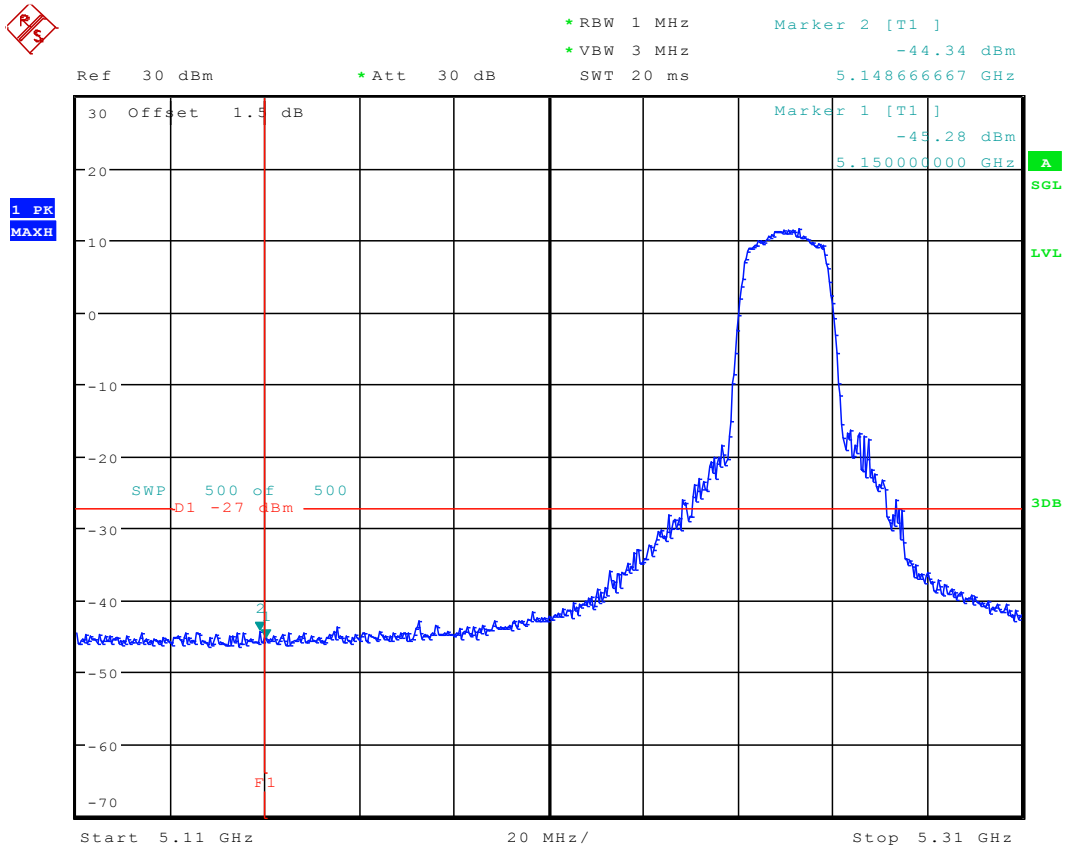


1 PK
MAXH



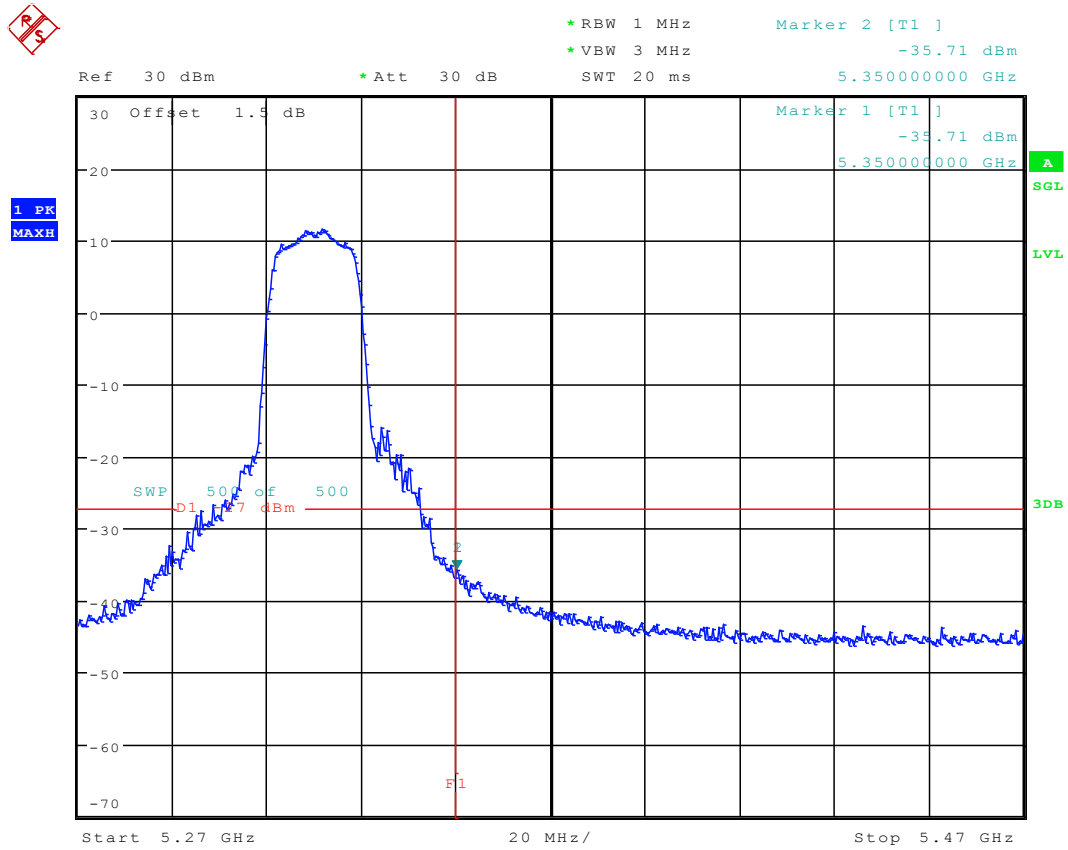
Date: 30.JAN.2016 15:28:56

12.27 11AC20_52 Ant 1



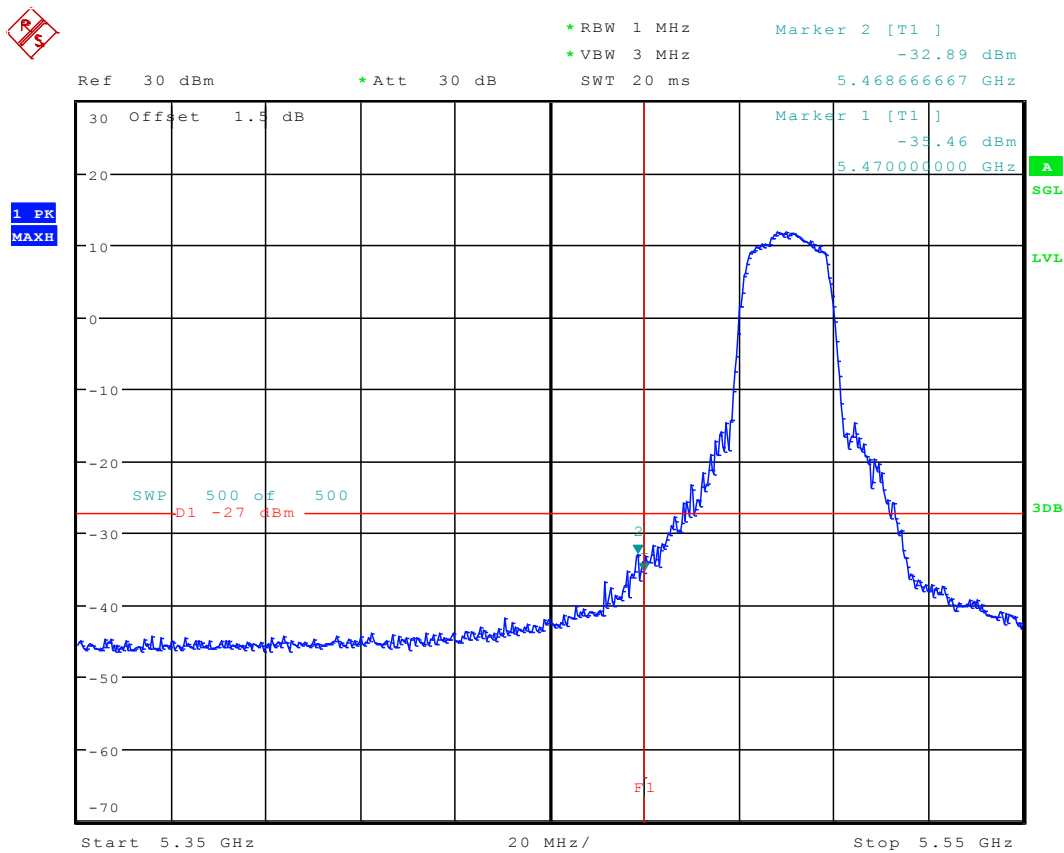
Date: 30.JAN.2016 15:34:48

12.28 11AC20_64 Ant 1



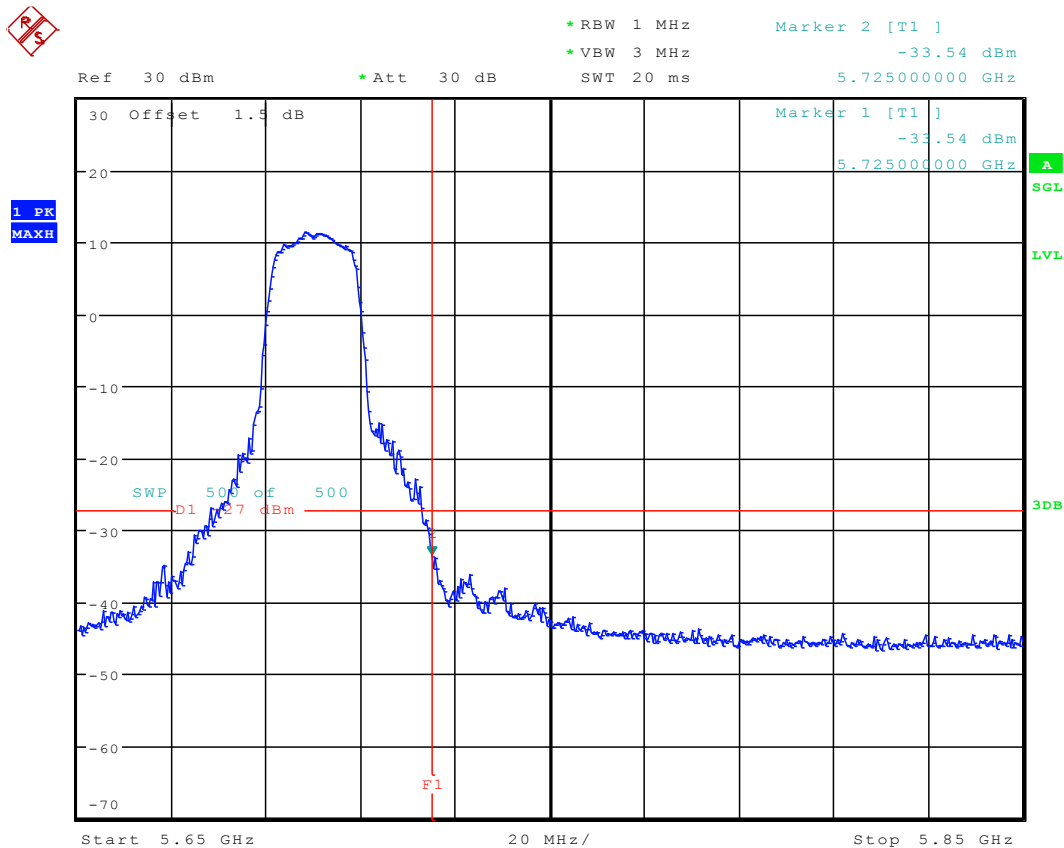
Date: 30.JAN.2016 15:39:29

12.29 11AC20_100 Ant 1



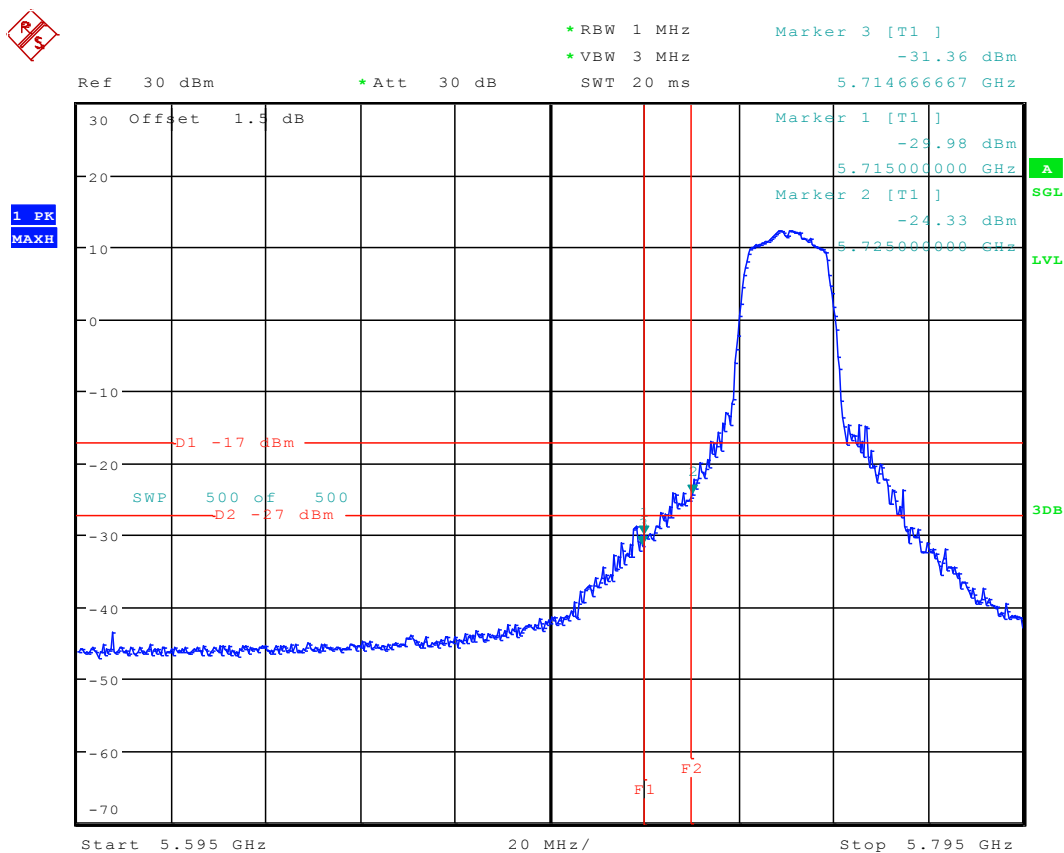
Date: 30.JAN.2016 15:45:52

12.30 11AC20_140 Ant 1



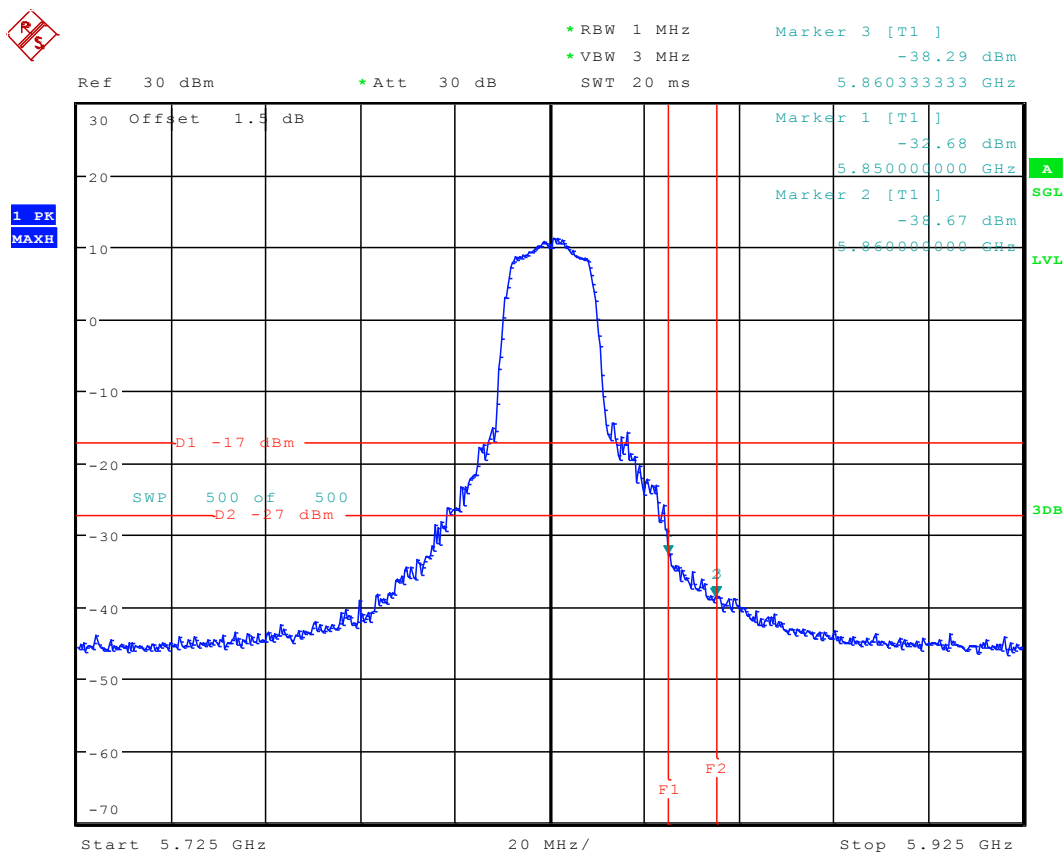
Date: 30.JAN.2016 15:51:16

12.31 11AC20_149 Ant 1



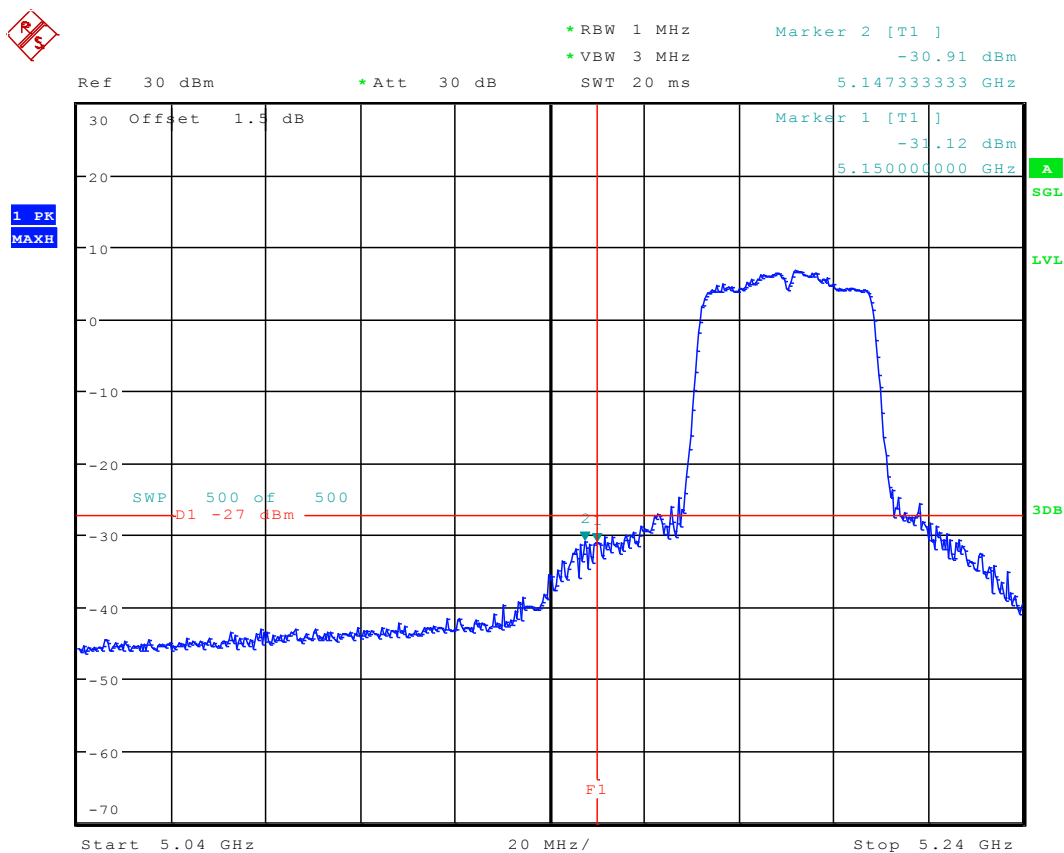
Date: 30.JAN.2016 15:56:37

12.32 11AC20_165 Ant 1



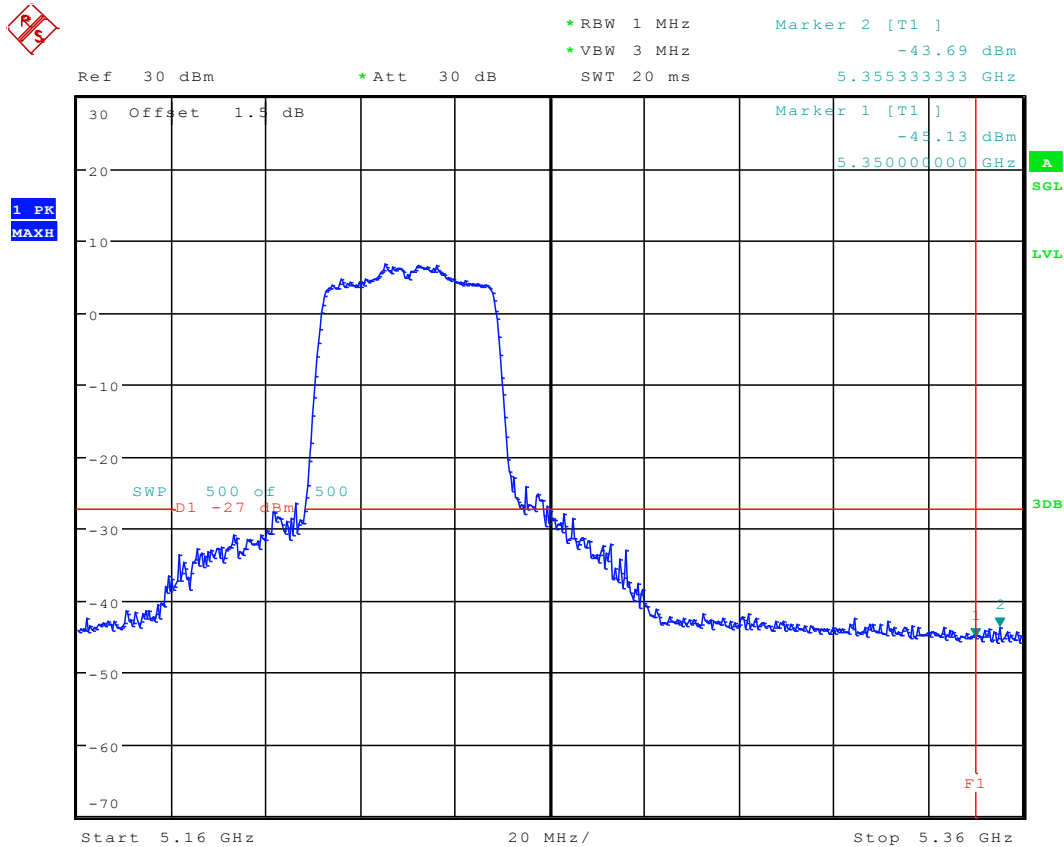
Date: 30.JAN.2016 16:03:03

12.33 11AC40_38 Ant 1



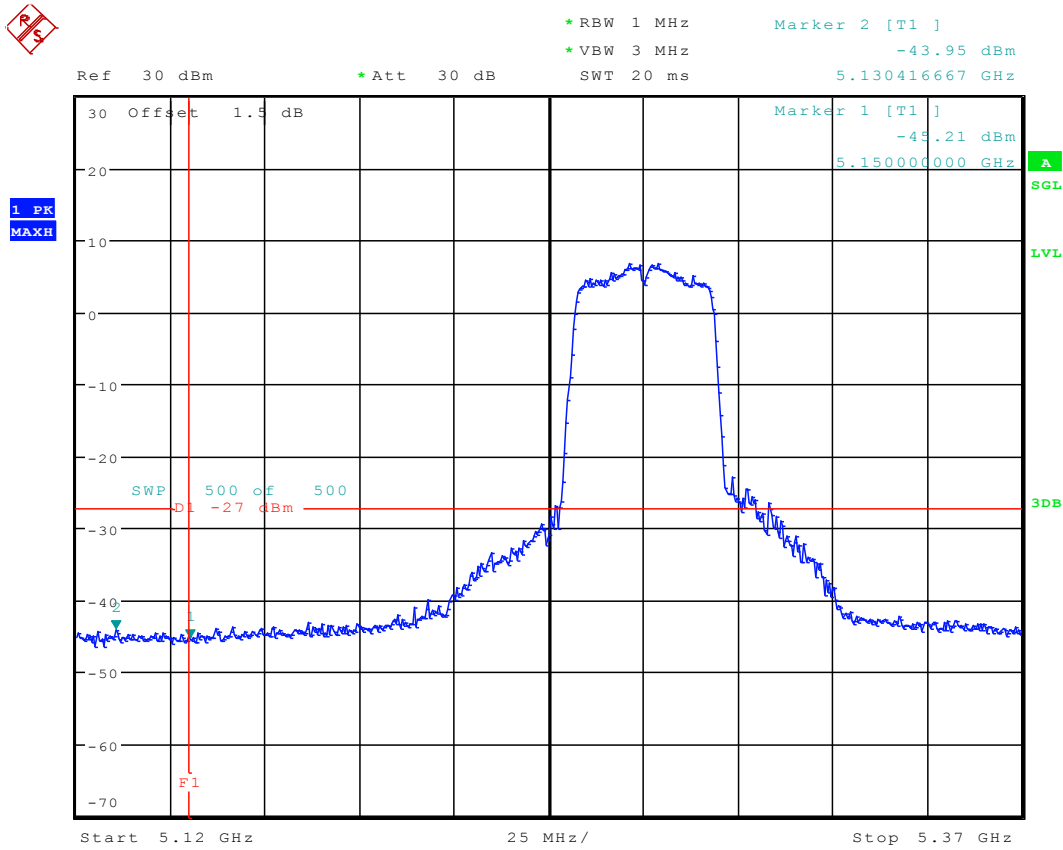
Date: 1.FEB.2016 17:24:06

12.34 11AC40_46 Ant 1



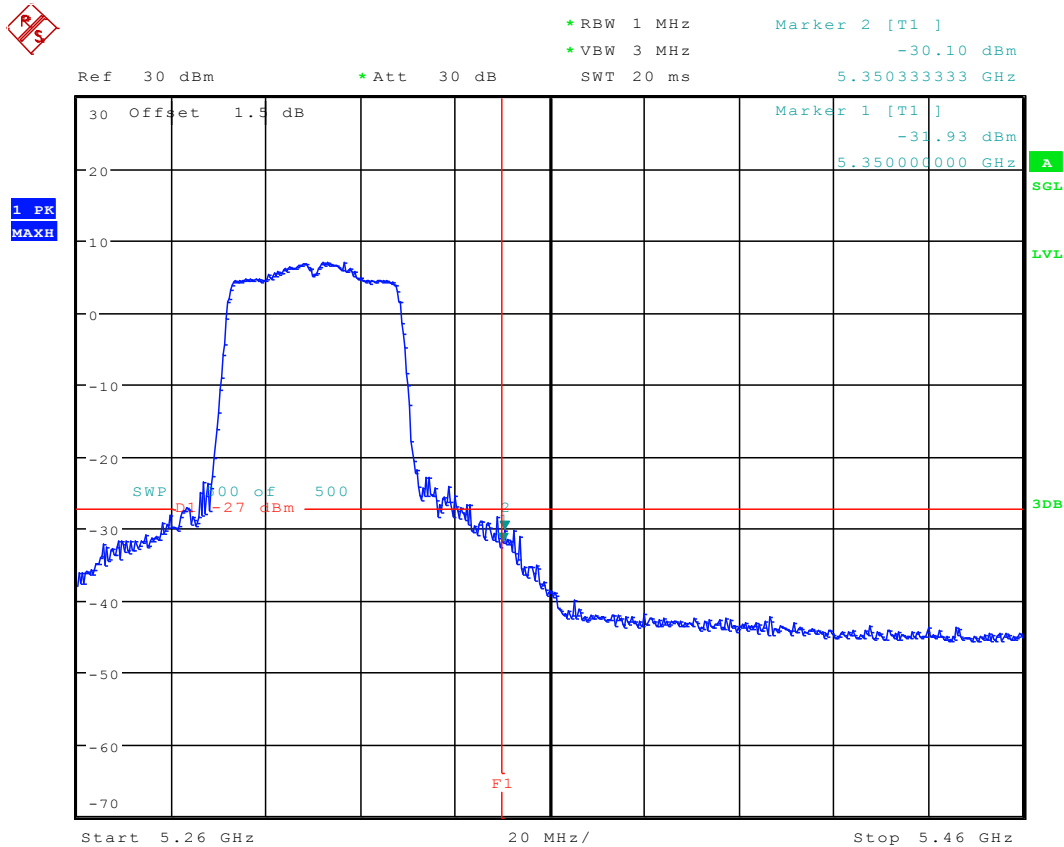
Date: 1.FEB.2016 17:30:38

12.35 11AC40_54 Ant 1



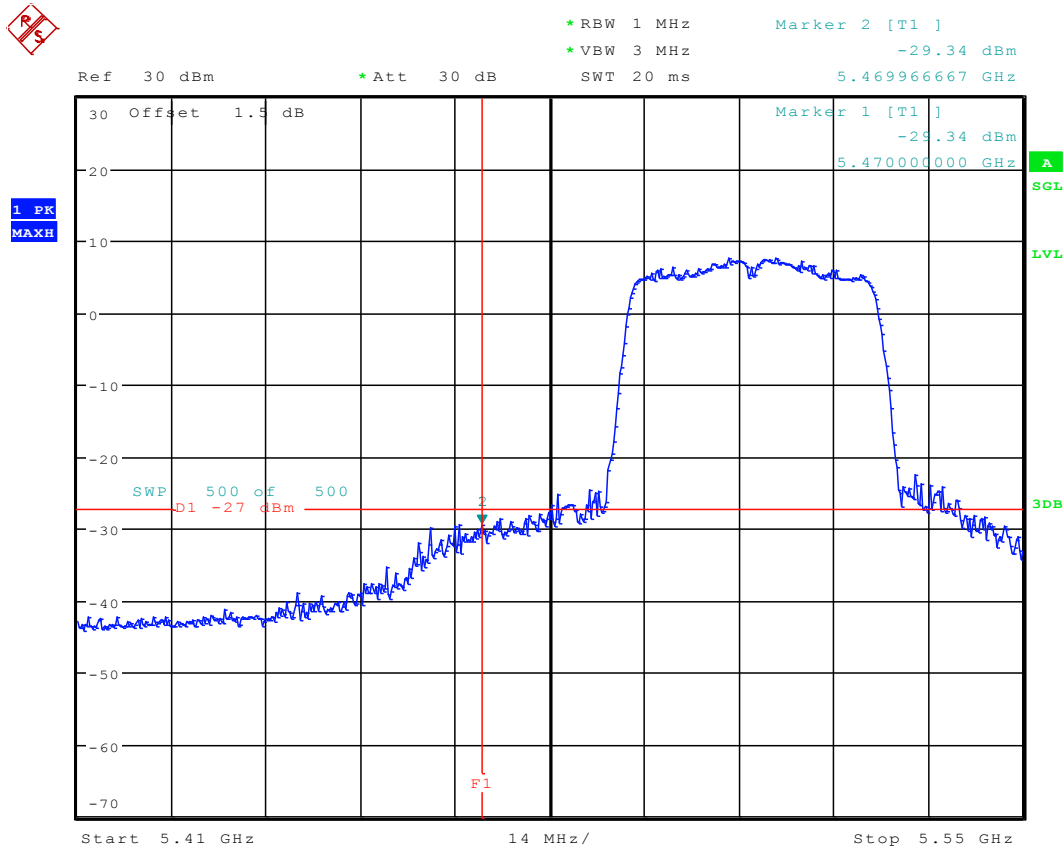
Date: 1.FEB.2016 17:37:07

12.36 11AC40_62 Ant 1



Date: 1.FEB.2016 17:42:07

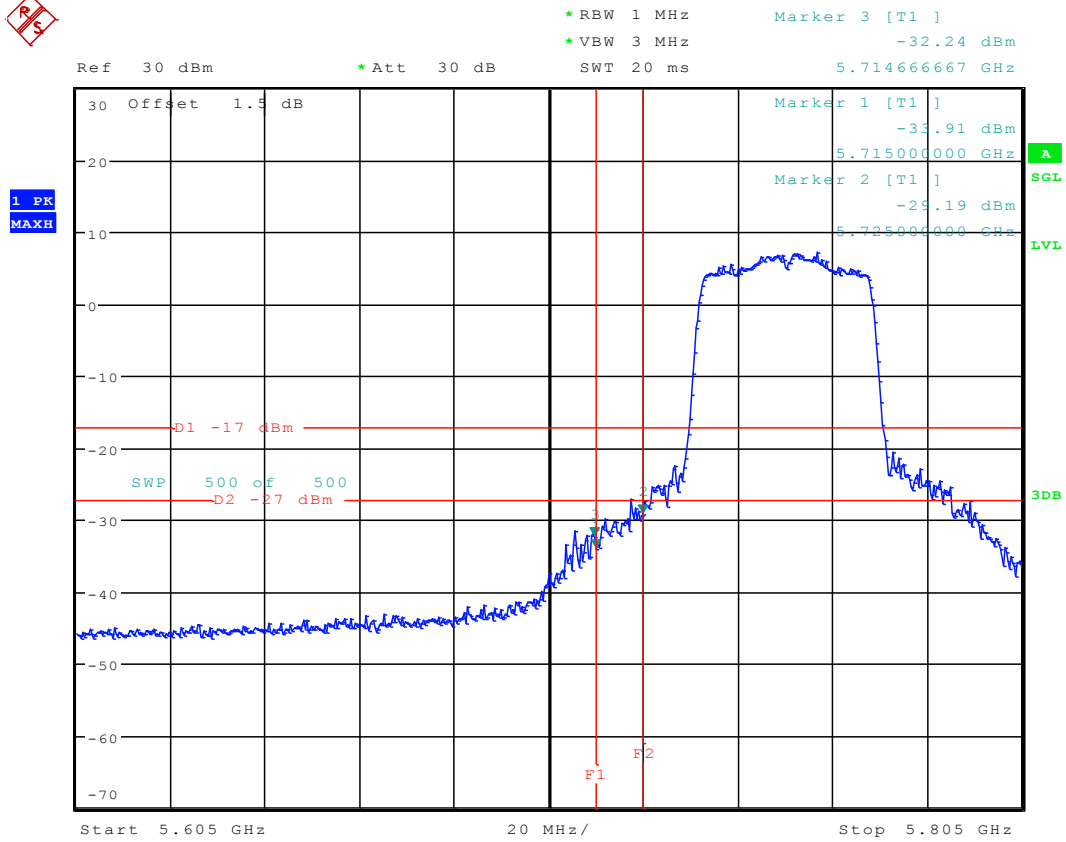
12.37 11AC40_102 Ant 1



Date: 1.FEB.2016 17:45:20

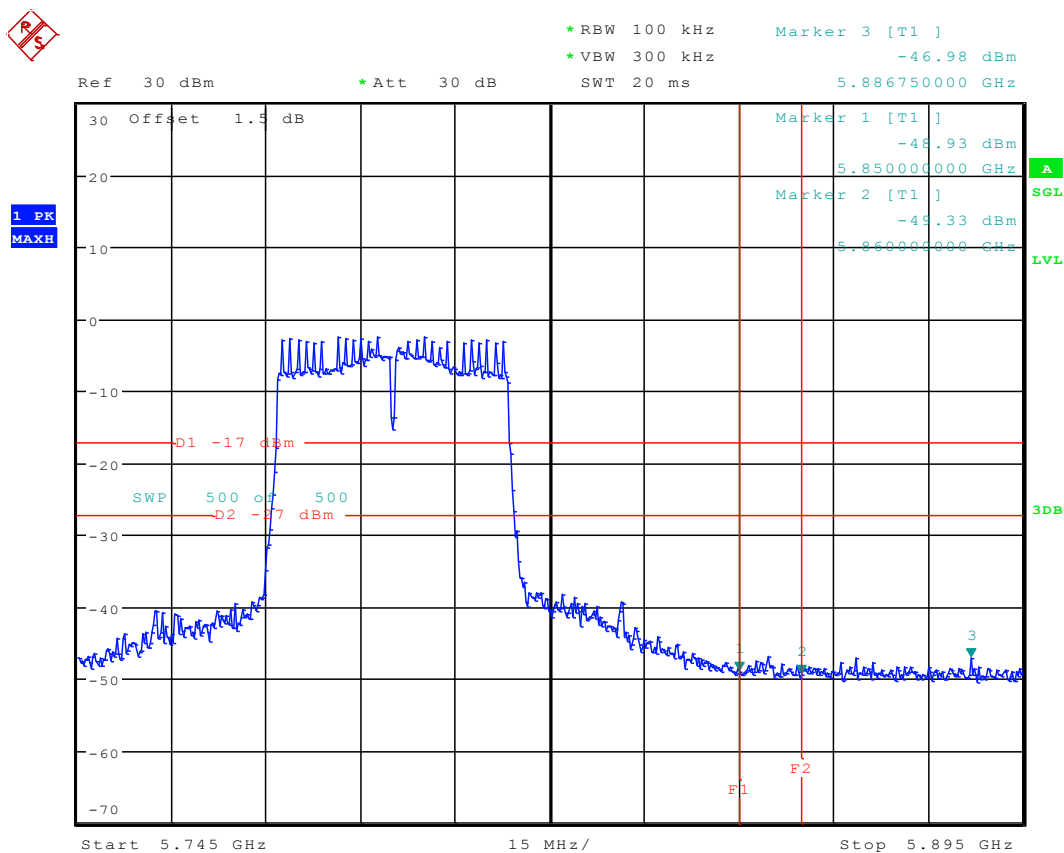


12.39 11AC40_151 Ant 1



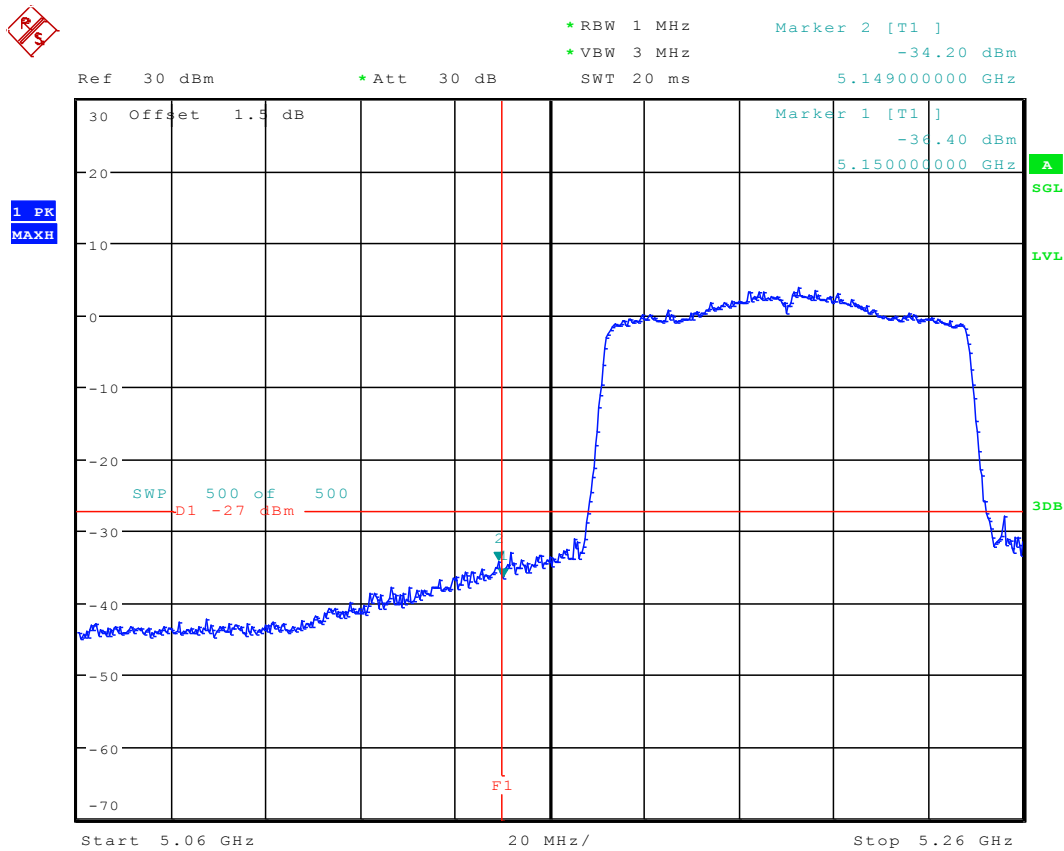
Date: 1.FEB.2016 17:55:55

12.40 11AC40_159 Ant 1



Date: 1.FEB.2016 17:59:34

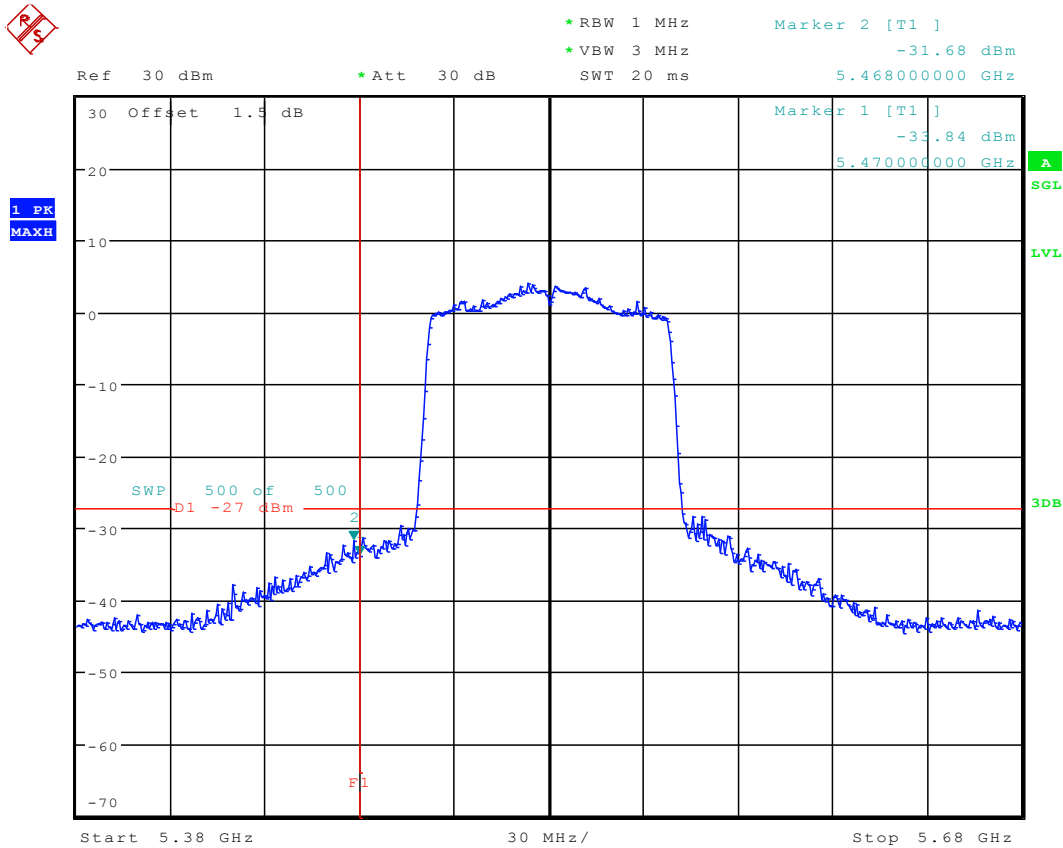
12.41 11AC80_42 Ant 1



Date: 30.JAN.2016 17:15:47



12.43 11AC80_106 Ant 1

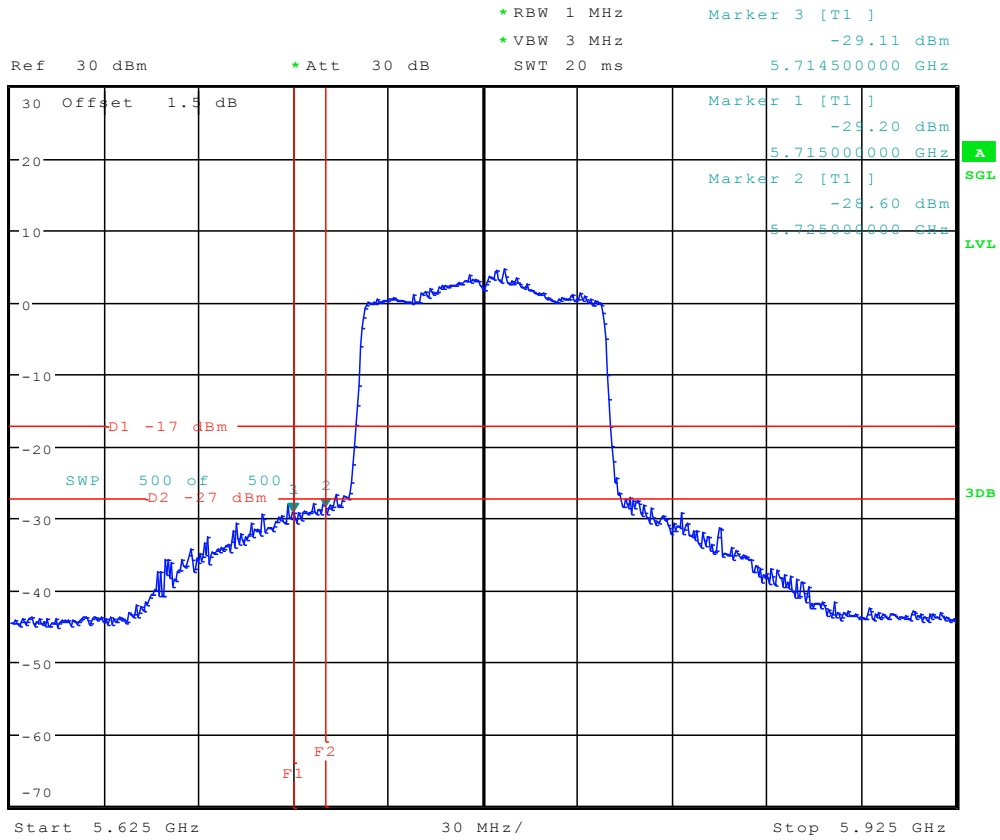


Date: 30.JAN.2016 17:25:17

12.44 11AC80_155 Ant 1



1 PK
MAXH



Date: 30.JAN.2016 17:51:28

Appendix G: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5180
V nom(V)	5180.0086
V max(V)	5180.0059
V min(V)	5180.0096
Max. Deviation Frequency	0.0096
Max. Frequency Error (ppm)	1.85

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5180
-5	5180.0081
5	5180.0015
15	5180.0072
25	5180.0079
35	5180.0091
45	5180.0077
50	5180.0086
Max. Deviation Frequency	0.0091
Max. Frequency Error (ppm)	1.76

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5825
V nom(V)	5825.0029
V max(V)	5825.0066
V min(V)	5825.0065
Max. Deviation Frequency	0.0066
Max. Frequency Error (ppm)	1.13

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5825
-5	5825.0021
5	5825.0042
15	5825.0065
25	5825.0047
35	5825.0033
45	5825.0045
50	5825.0041
Max. Deviation Frequency	0.0065
Max. Frequency Error (ppm)	1.12

END