

Appendix A U-NII: Emission Bandwidth

1 Result Table for 26dB Emission Bandwidth

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	26dB Emission Bandwidth [MHz]	Verdict
11A20	36	5180	ANT 1	20.06	PASS
	48	5240	ANT 1	20	PASS
	52	5260	ANT 1	19.98	PASS
	64	5320	ANT 1	20	PASS
	100	5500	ANT 1	19.96	PASS
	140	5700	ANT 1	19.96	PASS
	144	5720	ANT 1	19.82	PASS
11N20	36	5180	ANT 1	20.54	PASS
	48	5240	ANT 1	20.4	PASS
	52	5260	ANT 1	20.5	PASS
	64	5320	ANT 1	20.56	PASS
	100	5500	ANT 1	20.5	PASS
	140	5700	ANT 1	20.54	PASS
	144	5720	ANT 1	20.52	PASS
11N40	38	5190	ANT 1	39.48	PASS
	46	5230	ANT 1	39.38	PASS
	54	5270	ANT 1	39.64	PASS
	62	5310	ANT 1	39.8	PASS
	102	5510	ANT 1	39.58	PASS
	134	5670	ANT 1	39.64	PASS
	142	5710	ANT 1	39.58	PASS
11AC20	36	5180	ANT 1	20.54	PASS
	48	5240	ANT 1	20.44	PASS
	52	5260	ANT 1	20.44	PASS
	64	5320	ANT 1	20.5	PASS
	100	5500	ANT 1	20.54	PASS
	140	5700	ANT 1	20.38	PASS
	144	5720	ANT 1	20.52	PASS
11AC40	38	5190	ANT 1	39.6	PASS
	46	5230	ANT 1	39.6	PASS
	54	5270	ANT 1	39.5	PASS
	62	5310	ANT 1	39.42	PASS
	102	5510	ANT 1	39.44	PASS
	134	5670	ANT 1	39.54	PASS
	142	5710	ANT 1	39.54	PASS



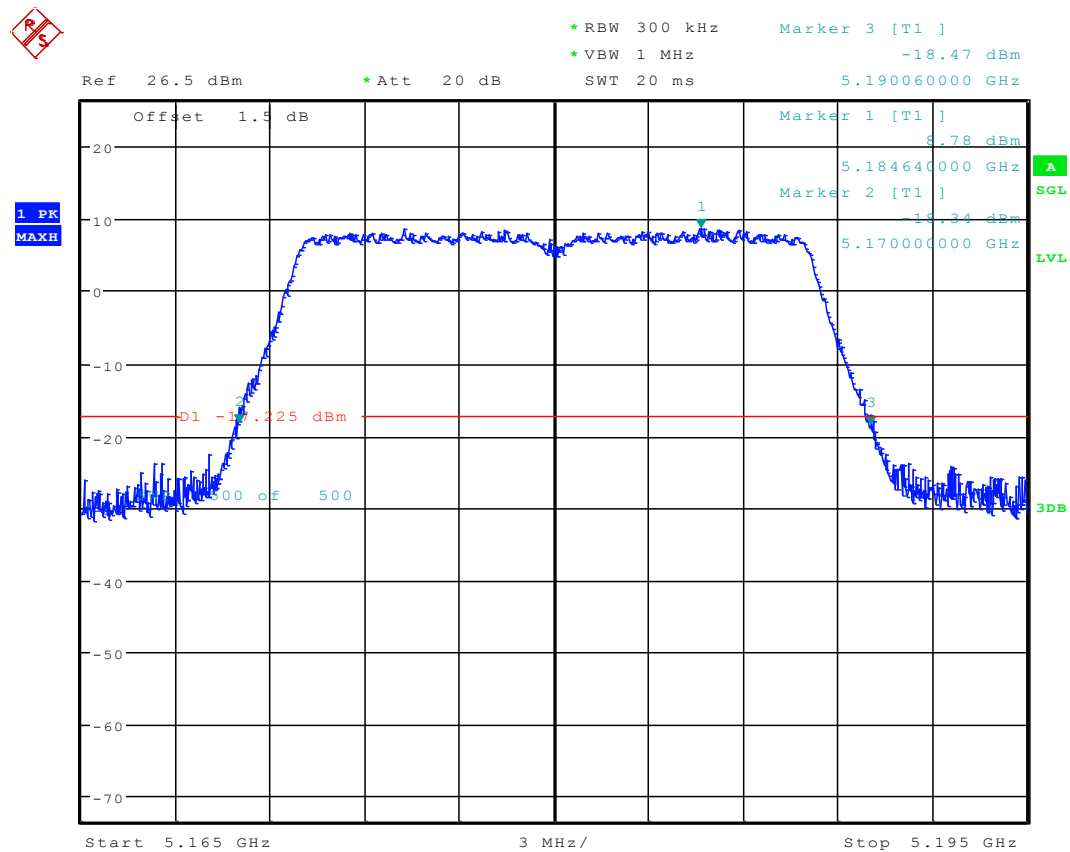
11AC80	42	5210	ANT 1	81.12	PASS
	58	5290	ANT 1	81.23	PASS
	106	5530	ANT 1	81.28	PASS
	138	5690	ANT 1	81.01	PASS

2 Result Table for 6dB Emission Bandwidth

Test Mode	Test Channel	Frequency [MHz]	ANT	6dB Emission Bandwidth [MHz]	Verdict
11A20	149	5745	ANT 1	16.4	PASS
	165	5825	ANT 1	16.4	PASS
11N20	149	5745	ANT 1	17.64	PASS
	165	5825	ANT 1	17.62	PASS
11N40	151	5755	ANT 1	35.56	PASS
	159	5795	ANT 1	35.68	PASS
11AC20	149	5745	ANT 1	17.62	PASS
	165	5825	ANT 1	17.64	PASS
11AC40	151	5755	ANT 1	35.68	PASS
	159	5795	ANT 1	35.58	PASS
11AC80	155	5775	ANT 1	75.2	PASS

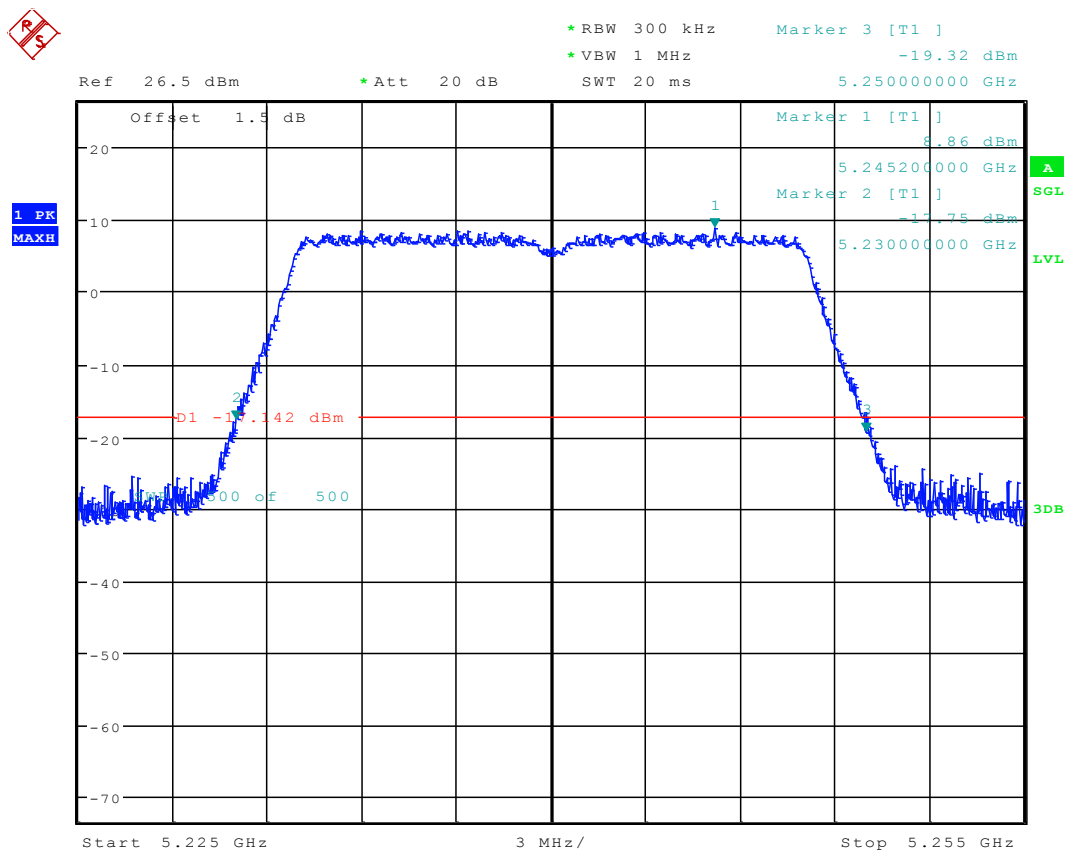
3 Test Plot for 26dB Emission Bandwidth

3.1 11A20_36 ANT 1



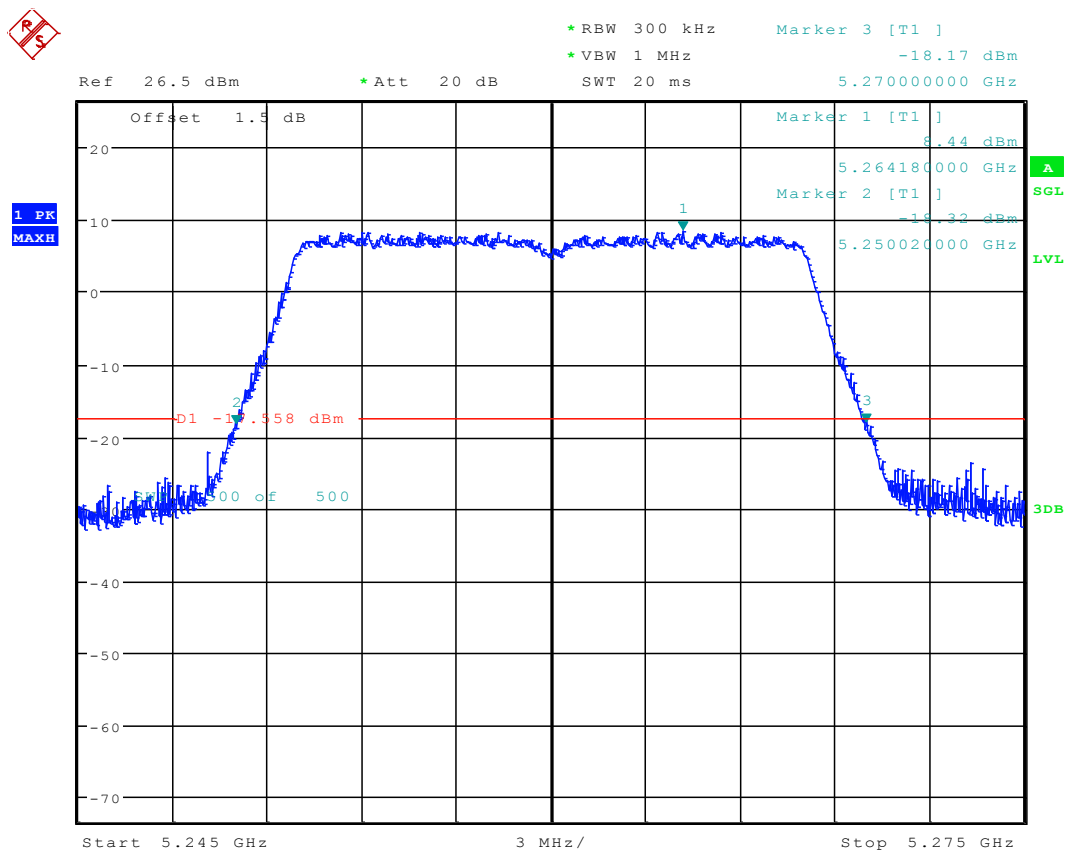
Date: 27.NOV.2017 13:36:33

3.2 11A20_48 ANT 1



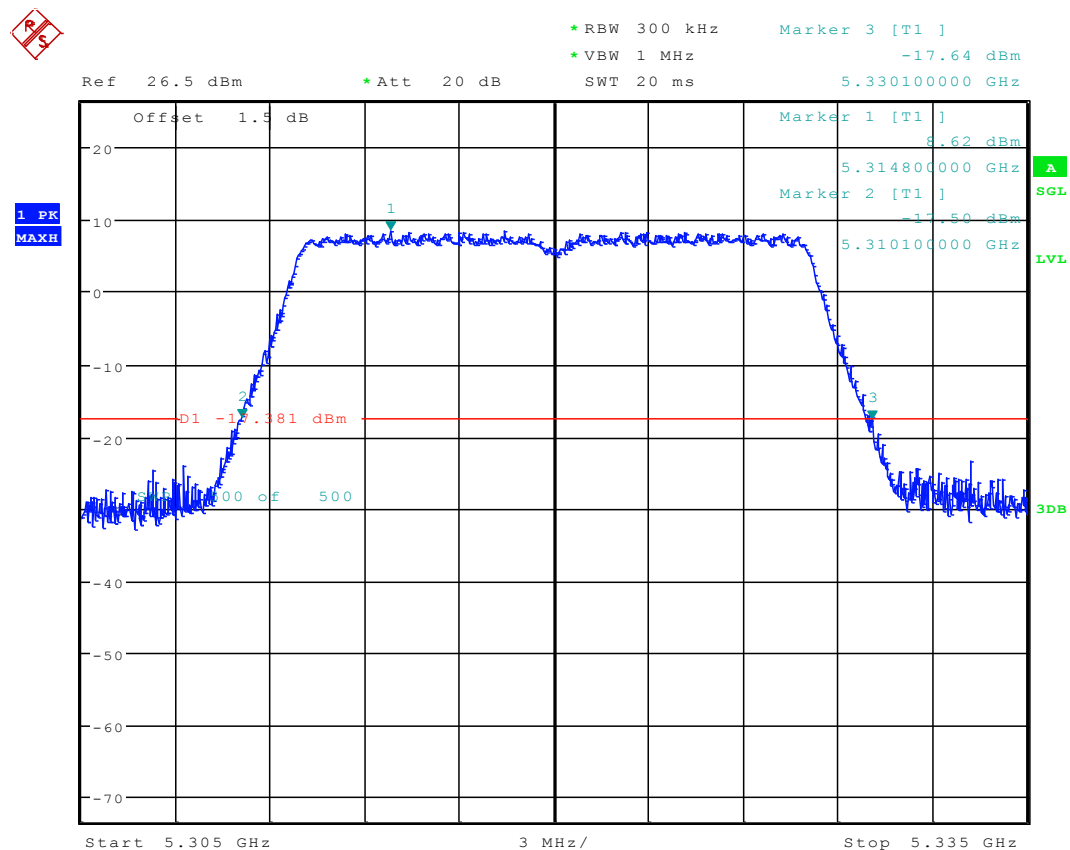
Date: 27.NOV.2017 13:39:54

3.3 11A20_52 ANT 1



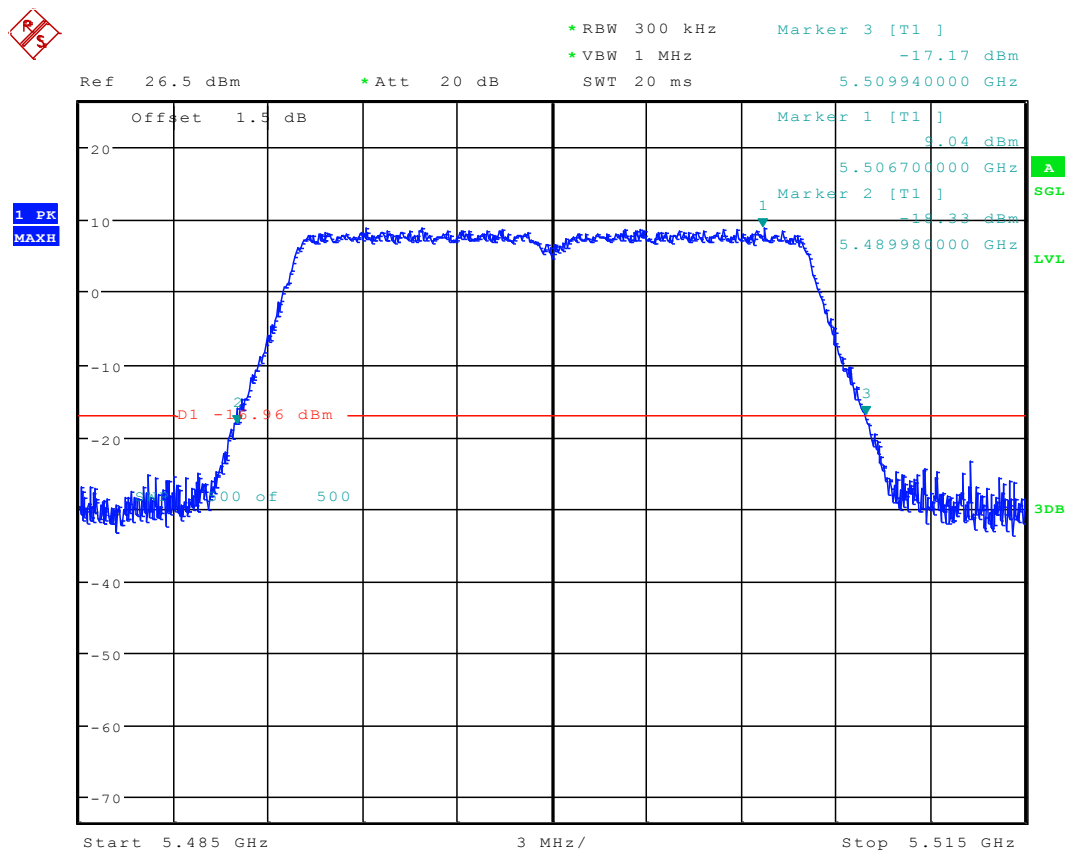
Date: 27.NOV.2017 13:42:32

3.4 11A20_64 ANT 1



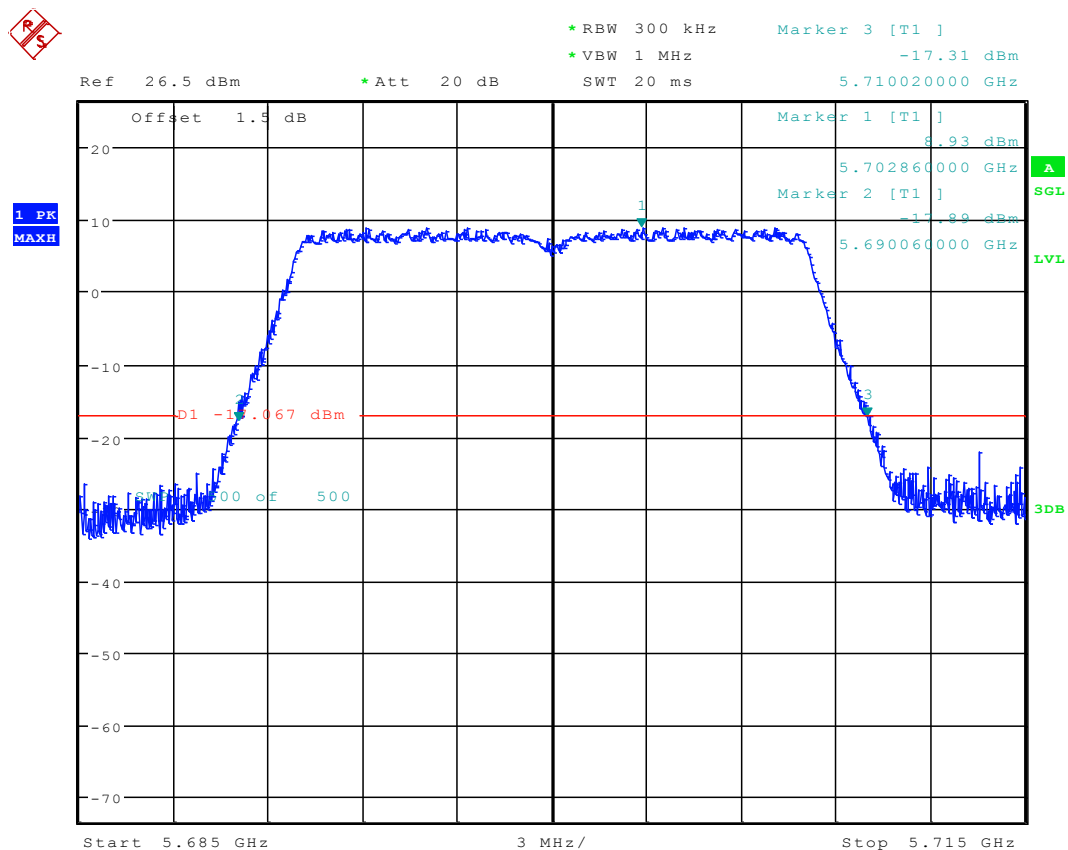
Date: 27.NOV.2017 14:06:42

3.5 11A20_100 ANT 1



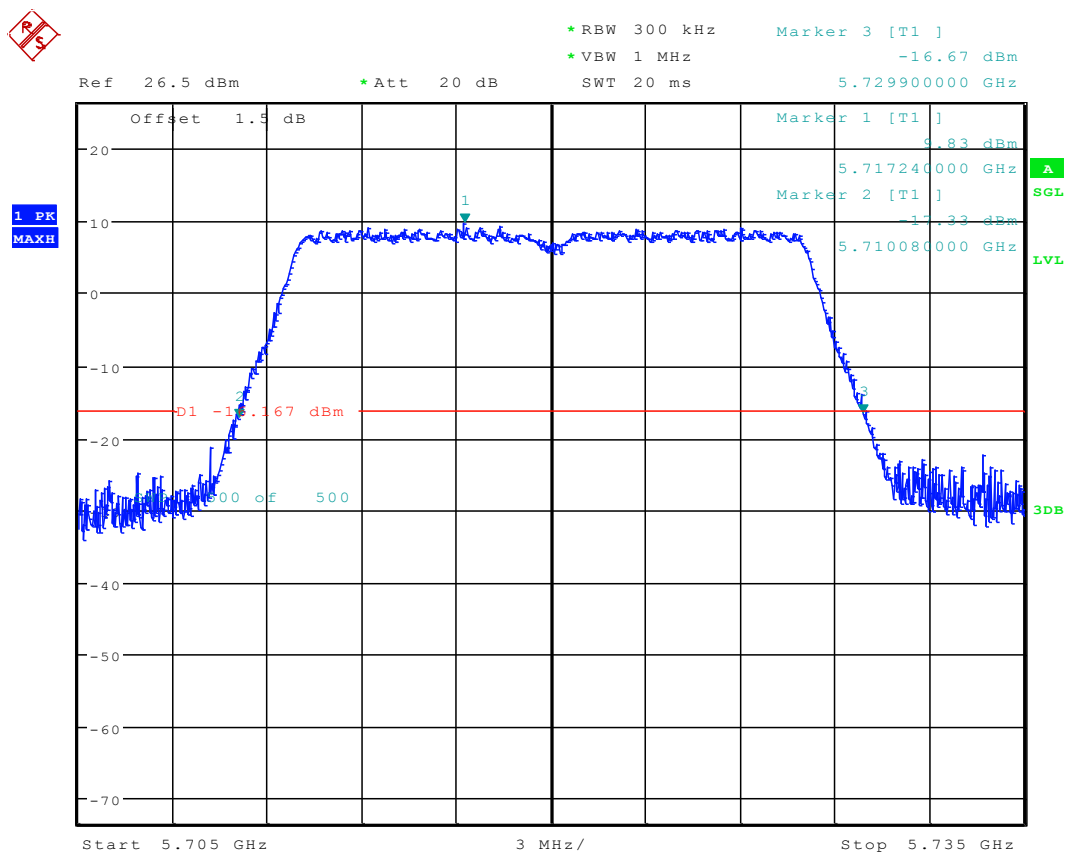
Date: 27.NOV.2017 14:11:52

3.6 11A20_140 ANT 1



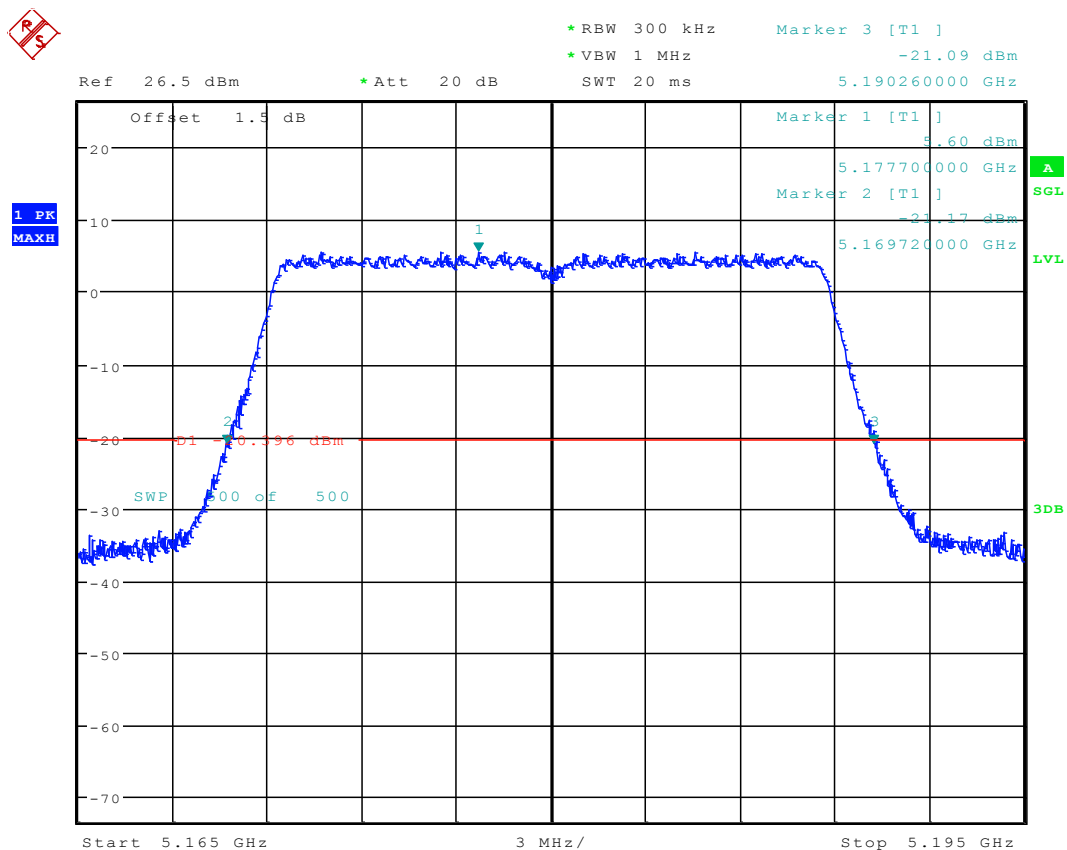
Date: 27.NOV.2017 14:14:47

3.7 11A20_144 ANT 1



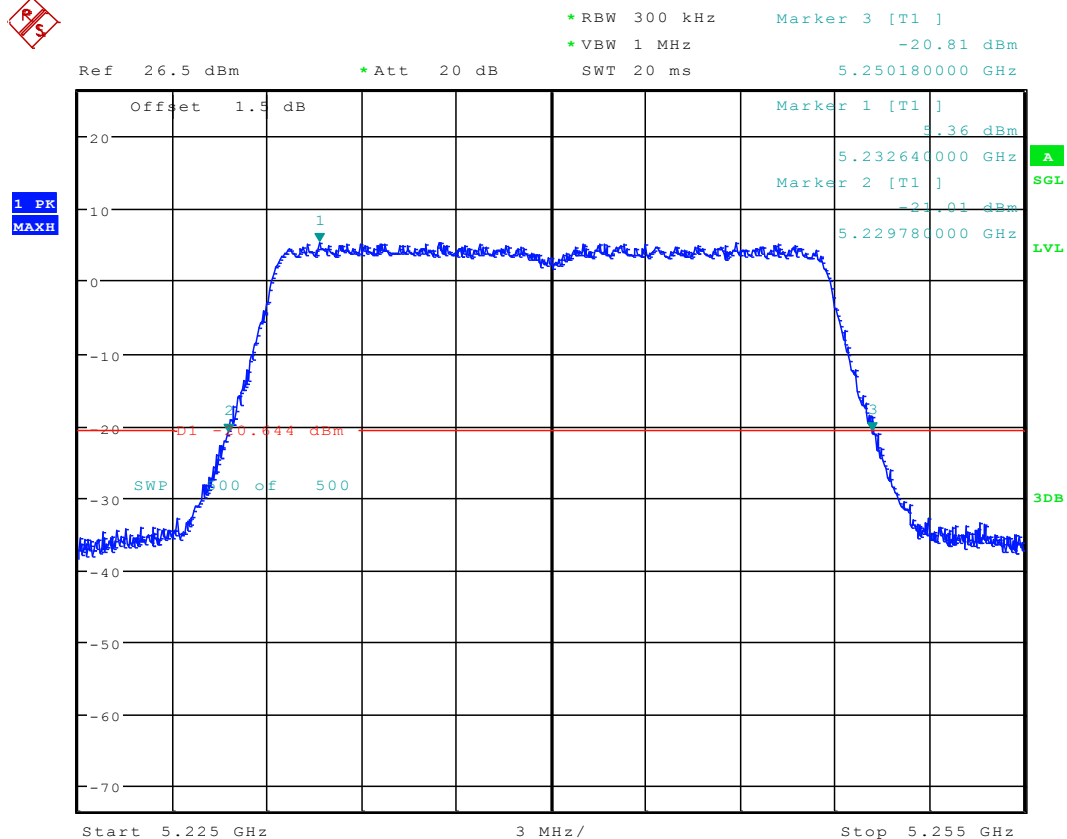
Date: 27.NOV.2017 14:19:39

3.8 11N20_36 ANT 1



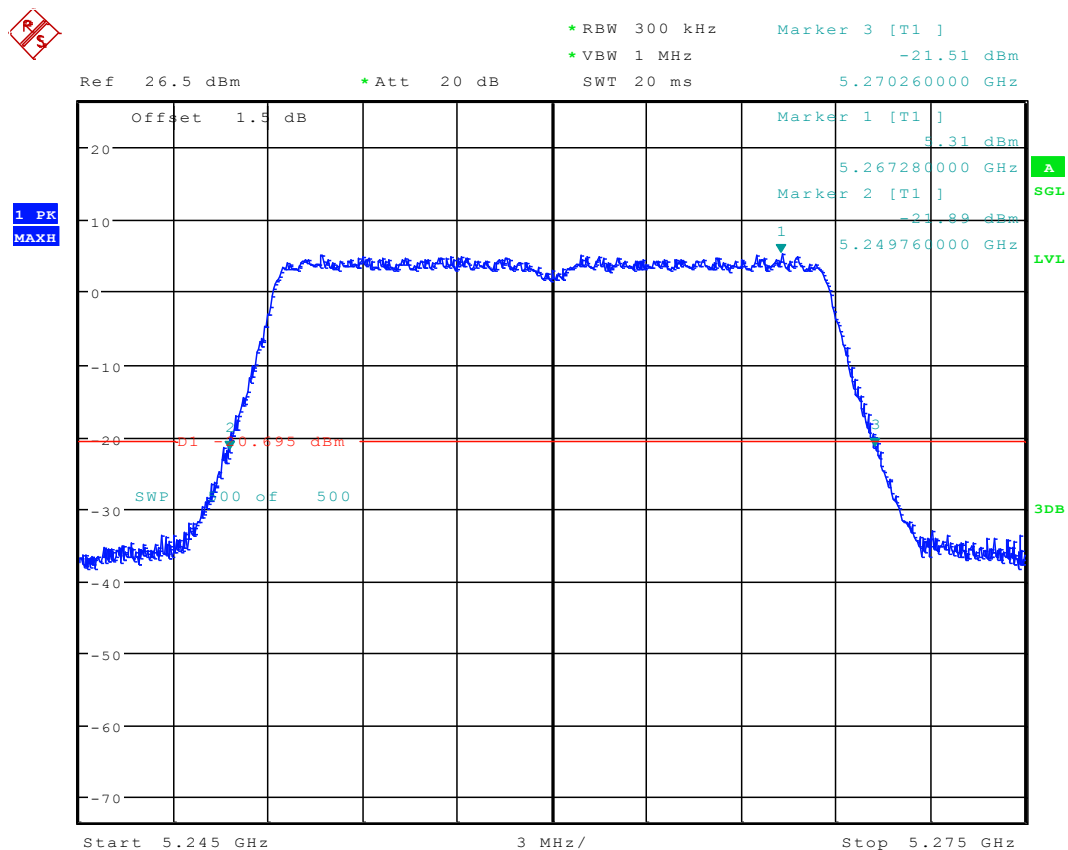
Date: 27.NOV.2017 14:41:35

3.9 11N20_48 ANT 1



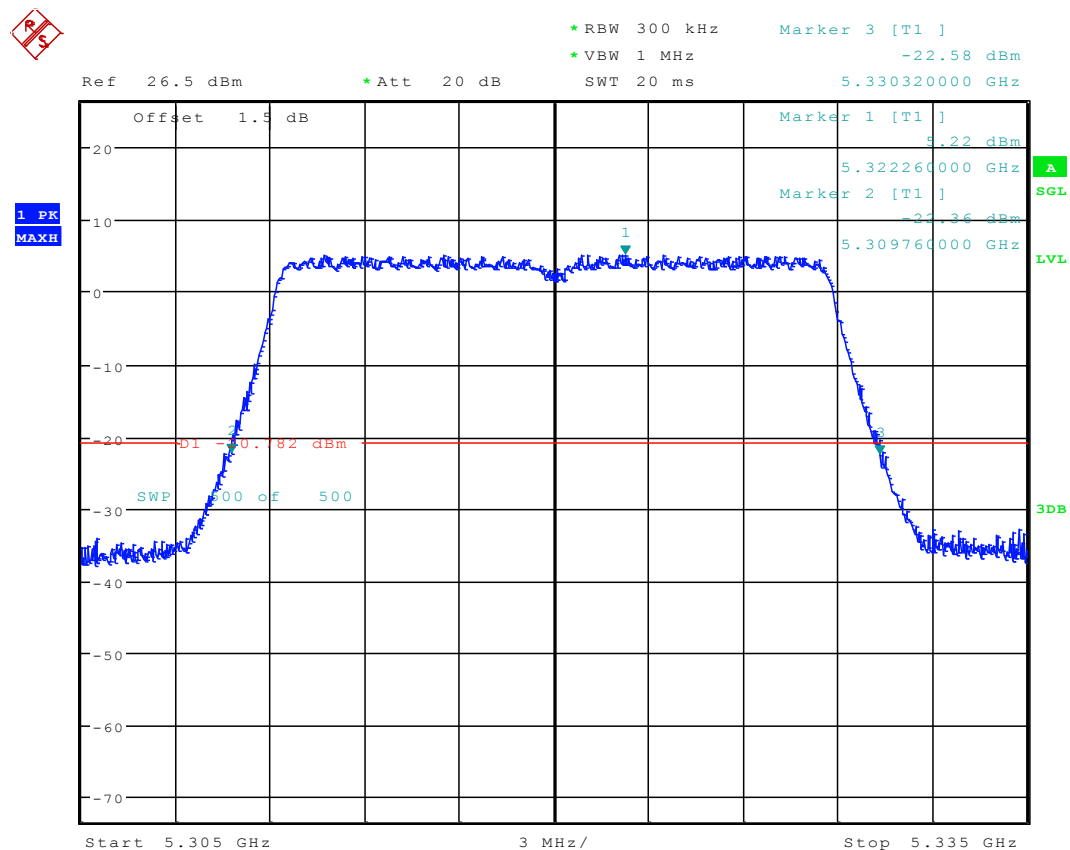
Date: 27.NOV.2017 14:47:03

3.10 11N20_52 ANT 1



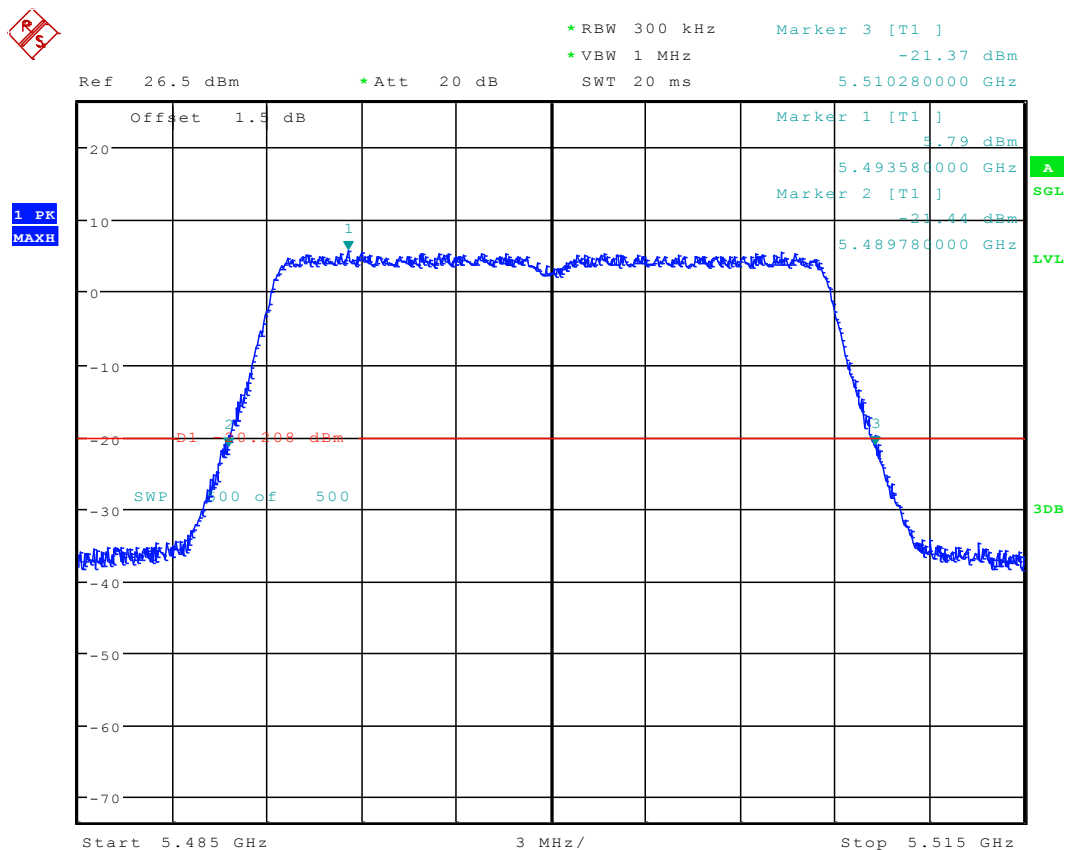
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3.11 11N20_64 ANT 1



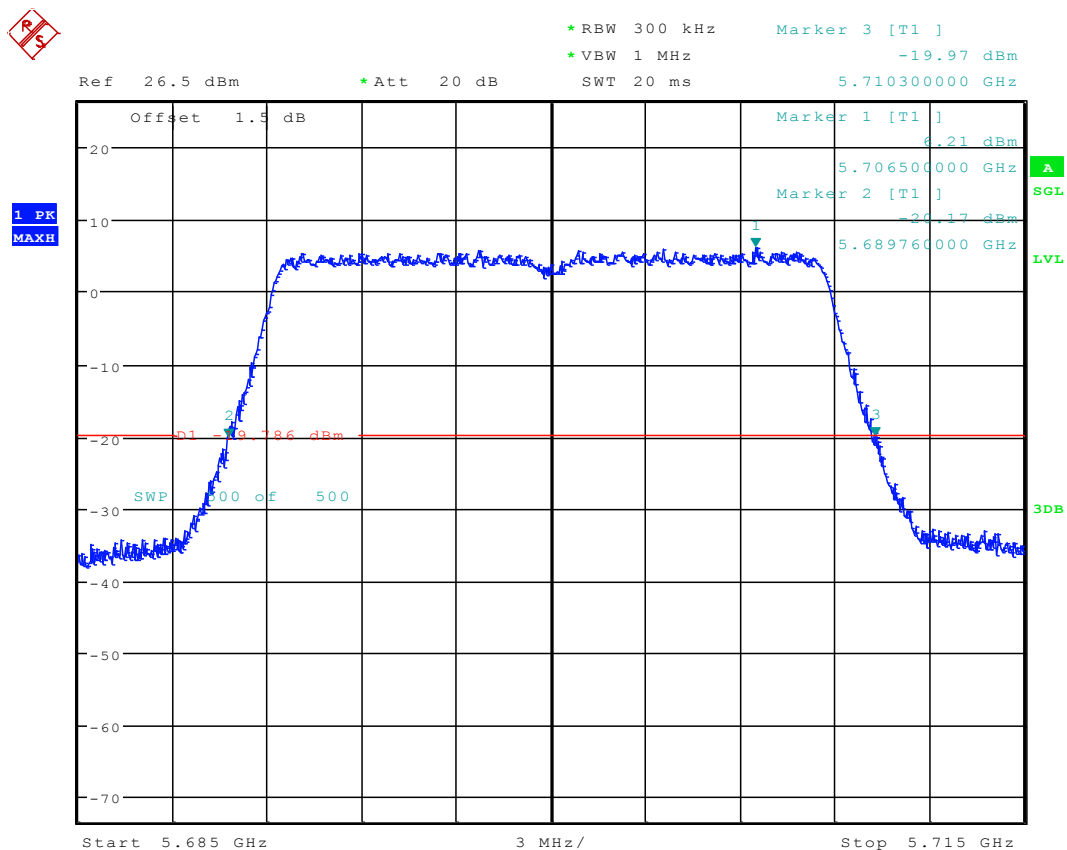
Date: 27.NOV.2017 15:22:15

3.12 11N20_100 ANT 1



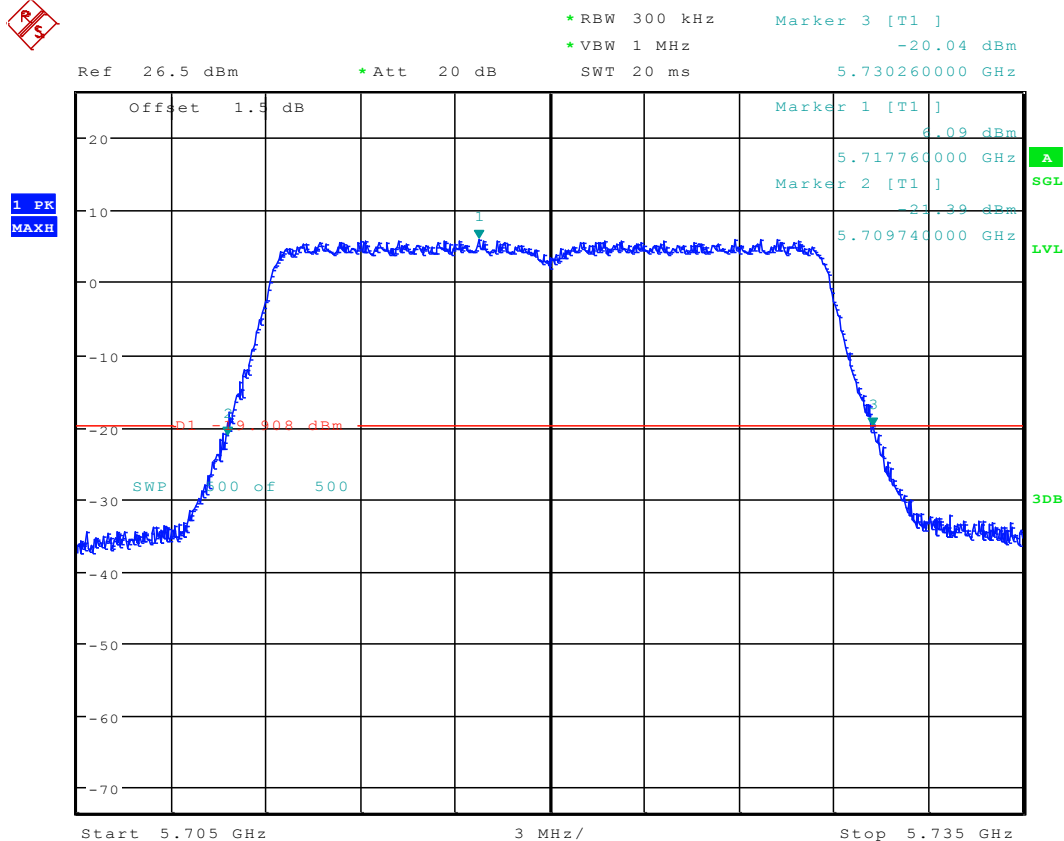
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3.13 11N20_140 ANT 1



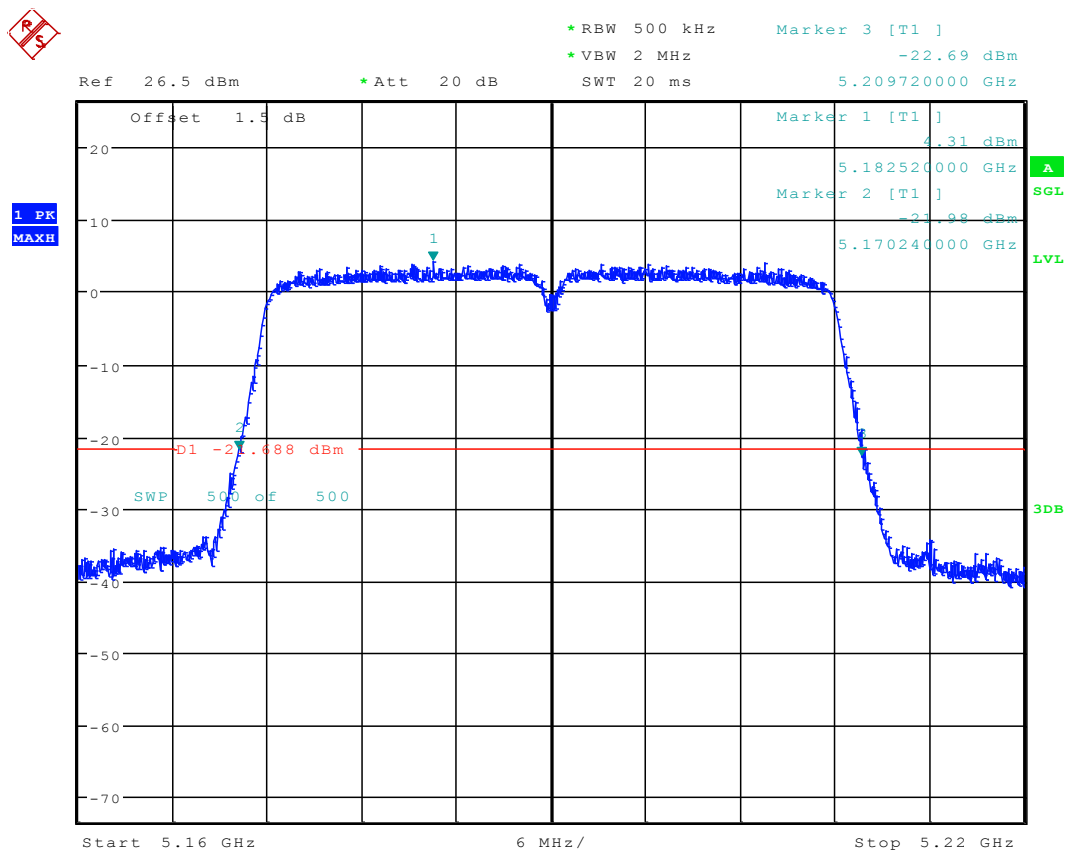
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3.14 11N20_144 ANT 1



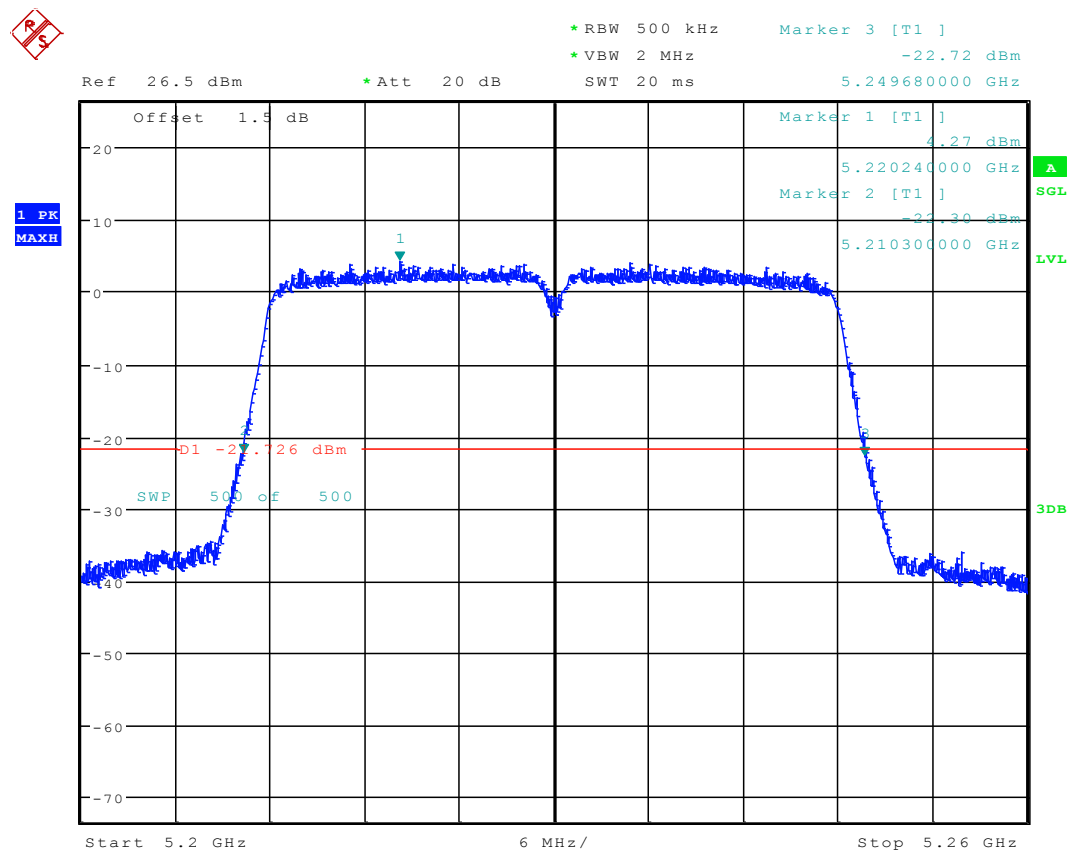
Date: 27.NOV.2017 15:41:54

3.15 11N40_38 ANT 1



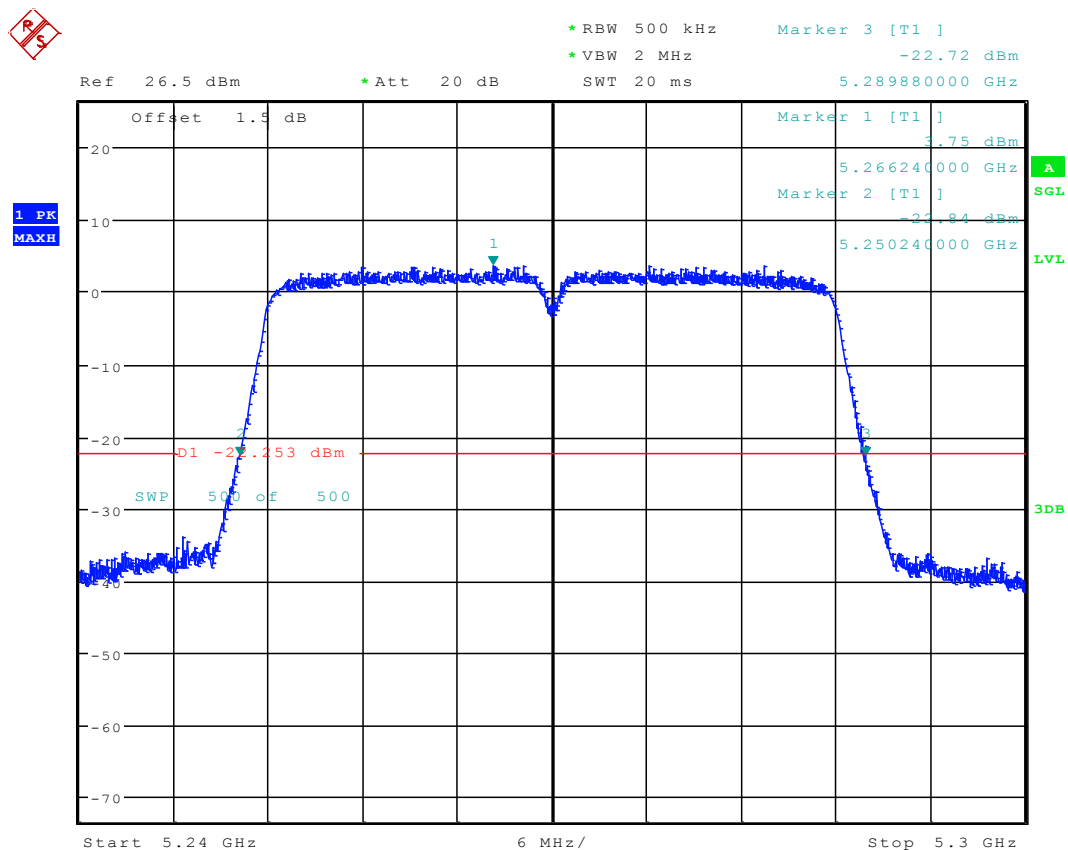
Date: 27.NOV.2017 15:54:13

3.16 11N40_46 ANT 1



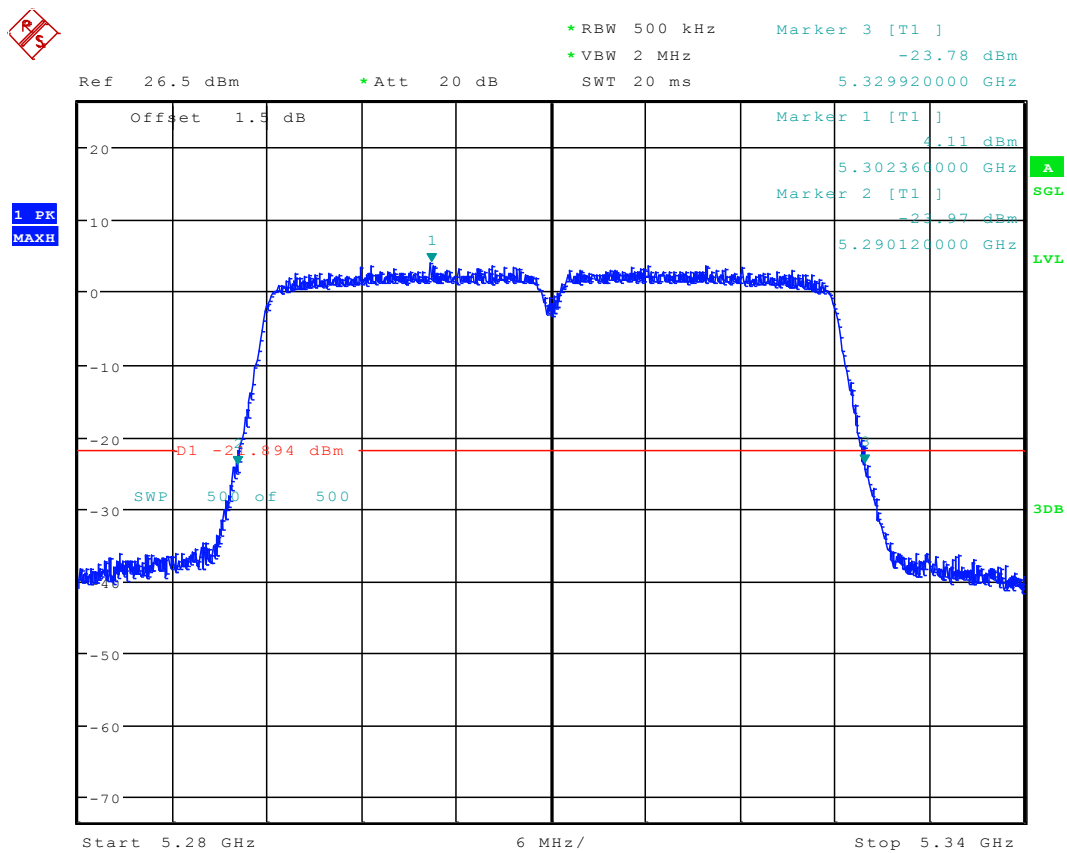
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3.17 11N40_54 ANT 1



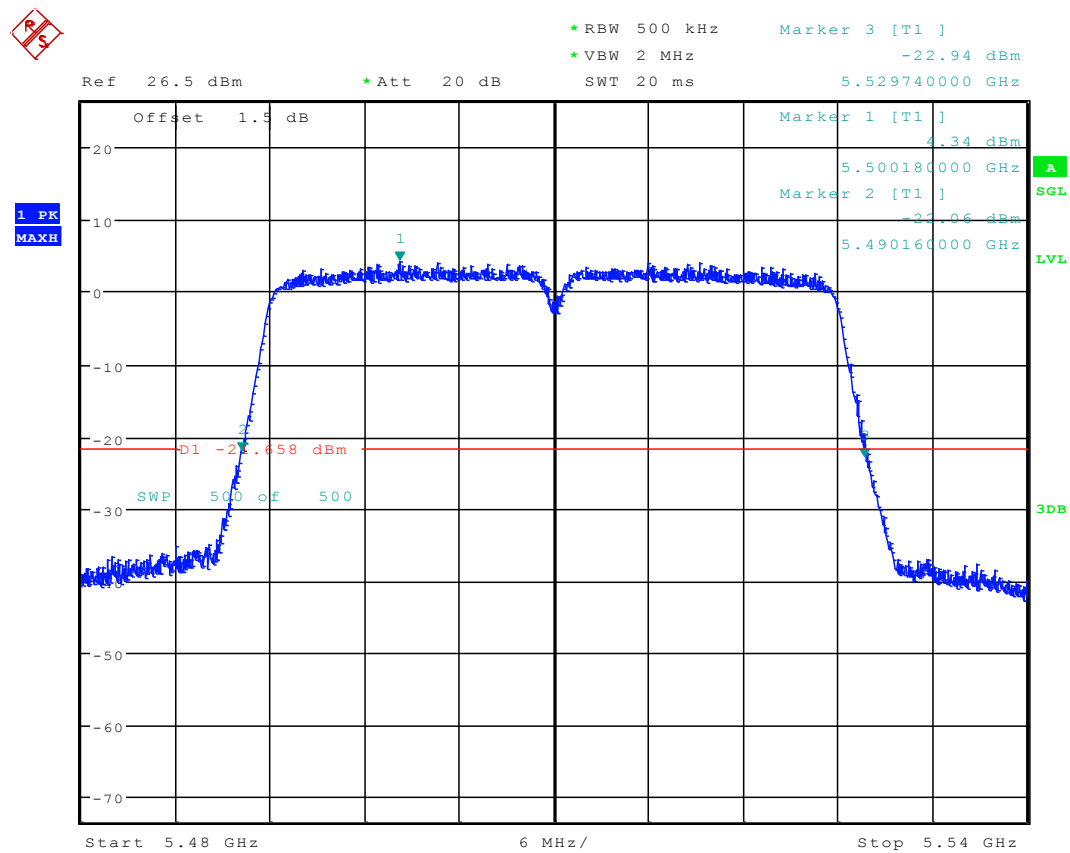
Date: 27.NOV.2017 16:00:08

3.18 11N40_62 ANT 1



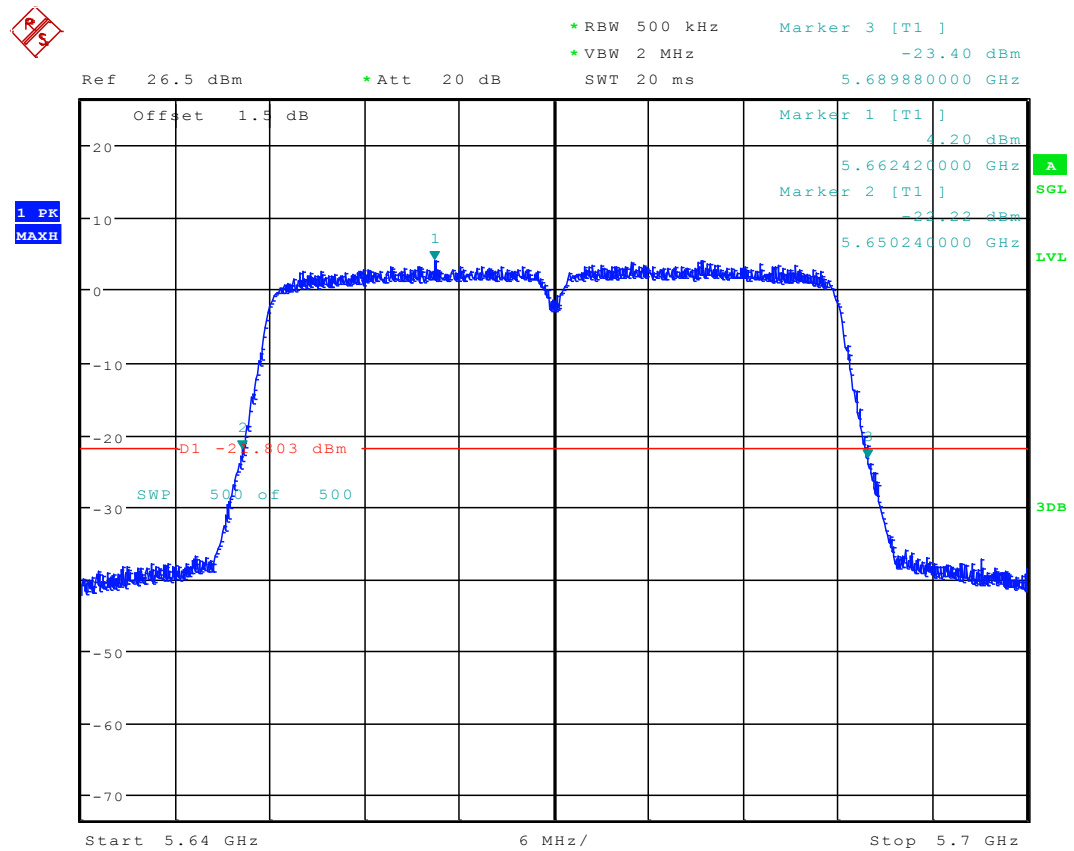
Date: 27.NOV.2017 16:03:27

3.19 11N40_102 ANT 1



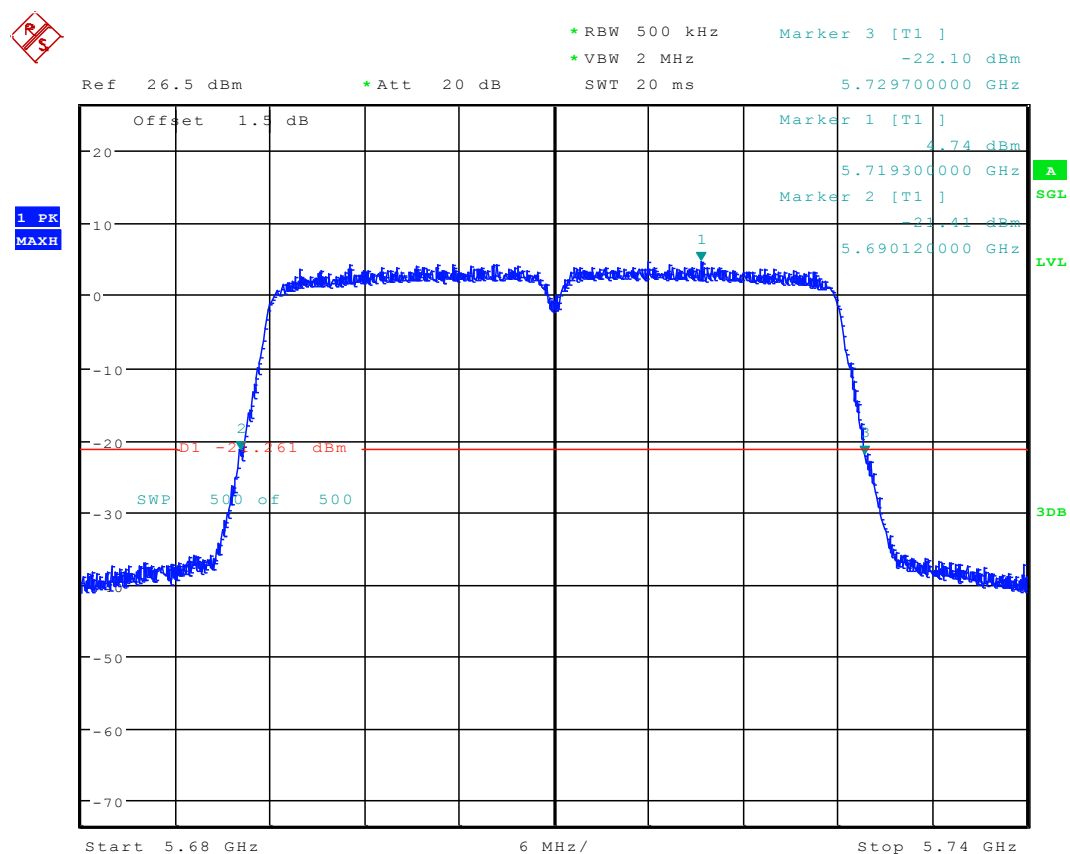
Date: 27.NOV.2017 16:06:55

3.20 11N40_134 ANT 1



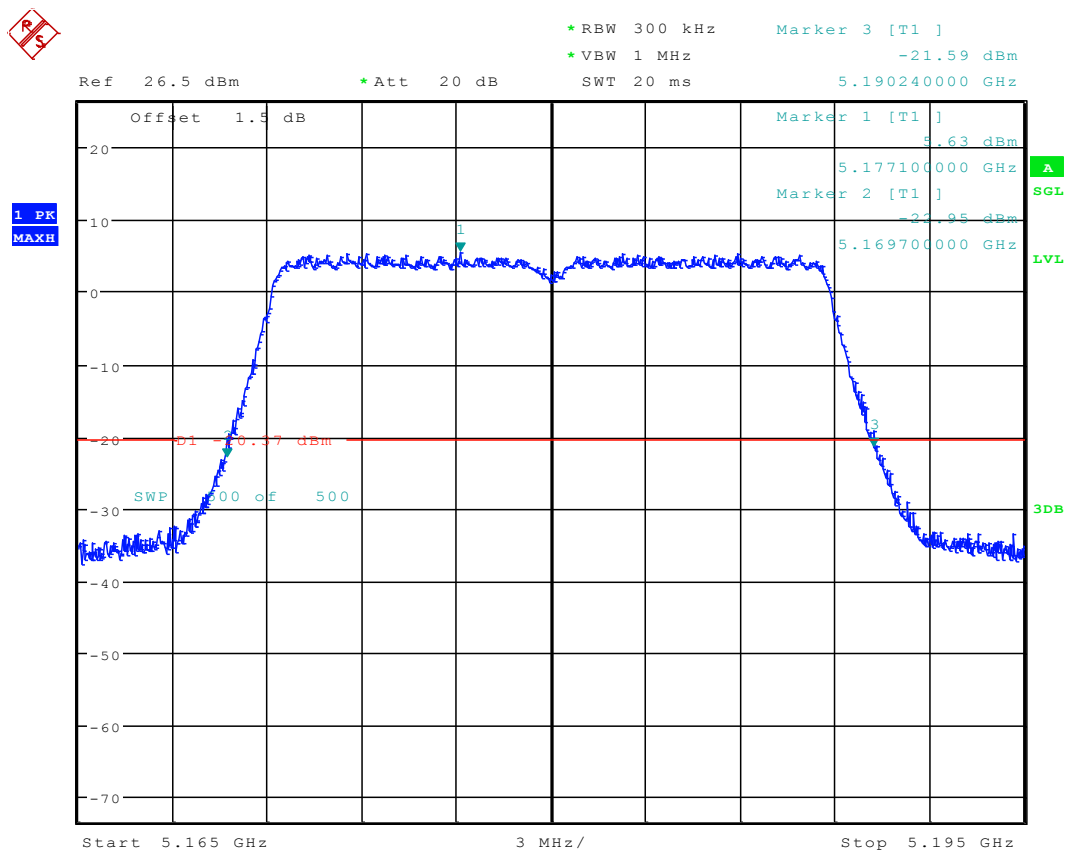
Date: 27.NOV.2017 16:11:33

3.21 11N40_142 ANT 1



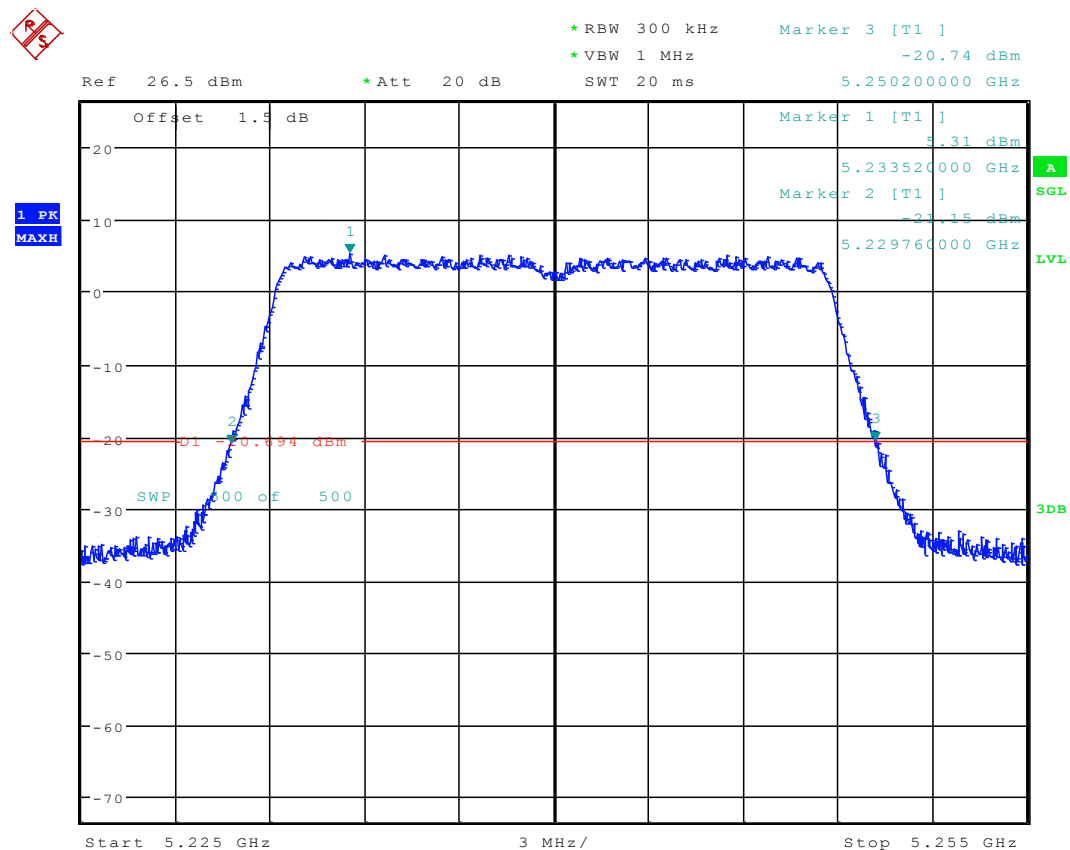
Date: 27.NOV.2017 16:16:35

3.22 11AC20_36 ANT 1



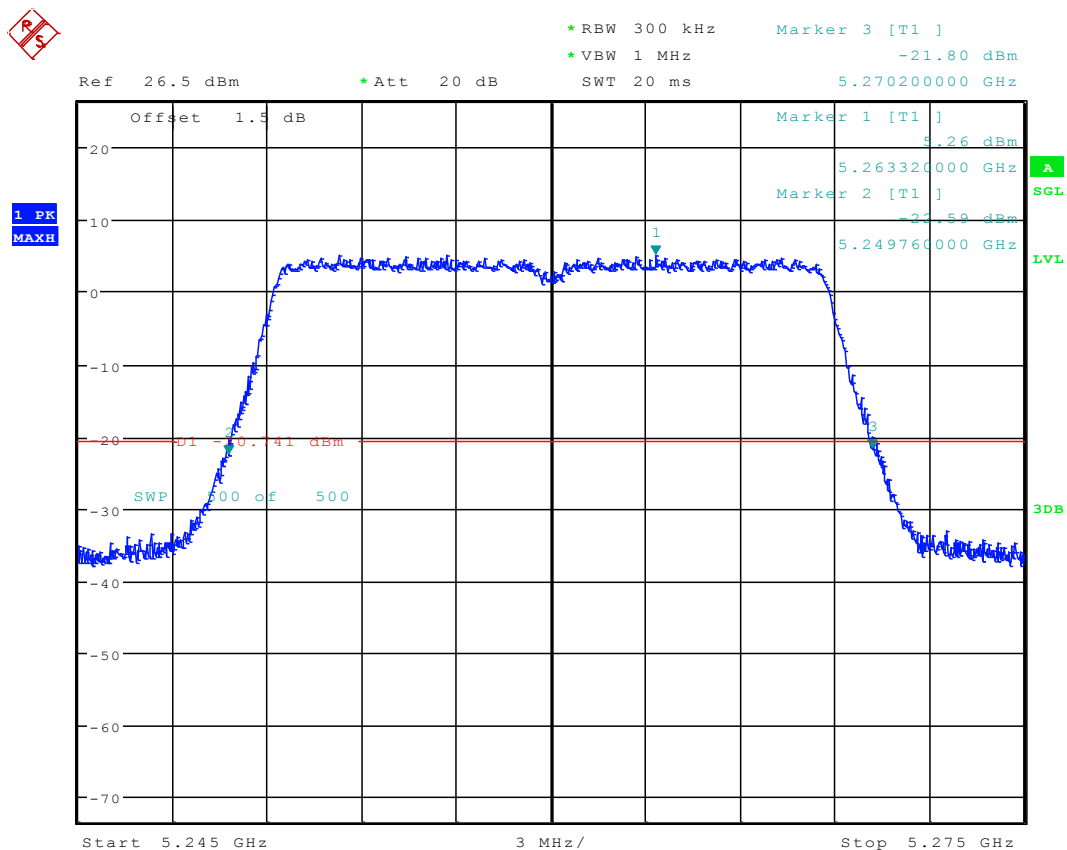
Date: 27.NOV.2017 16:30:46

3.23 11AC20_48 ANT 1



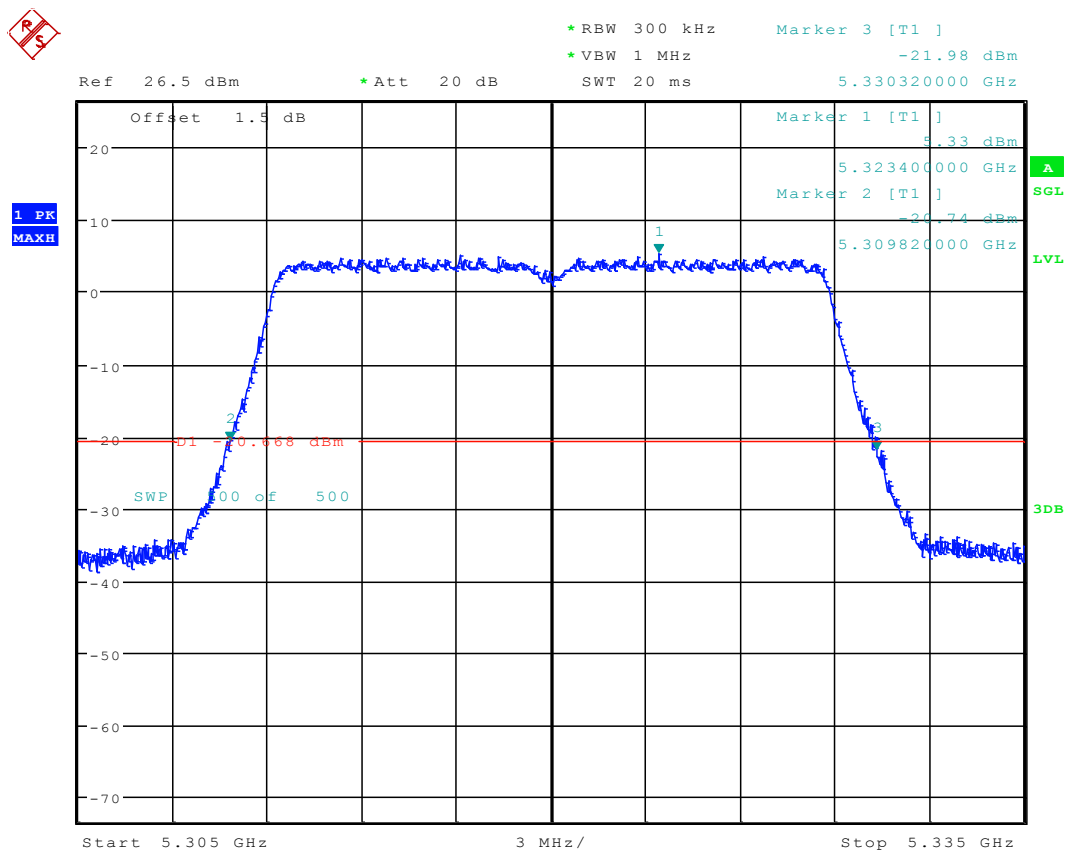
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3.24 11AC20_52 ANT 1



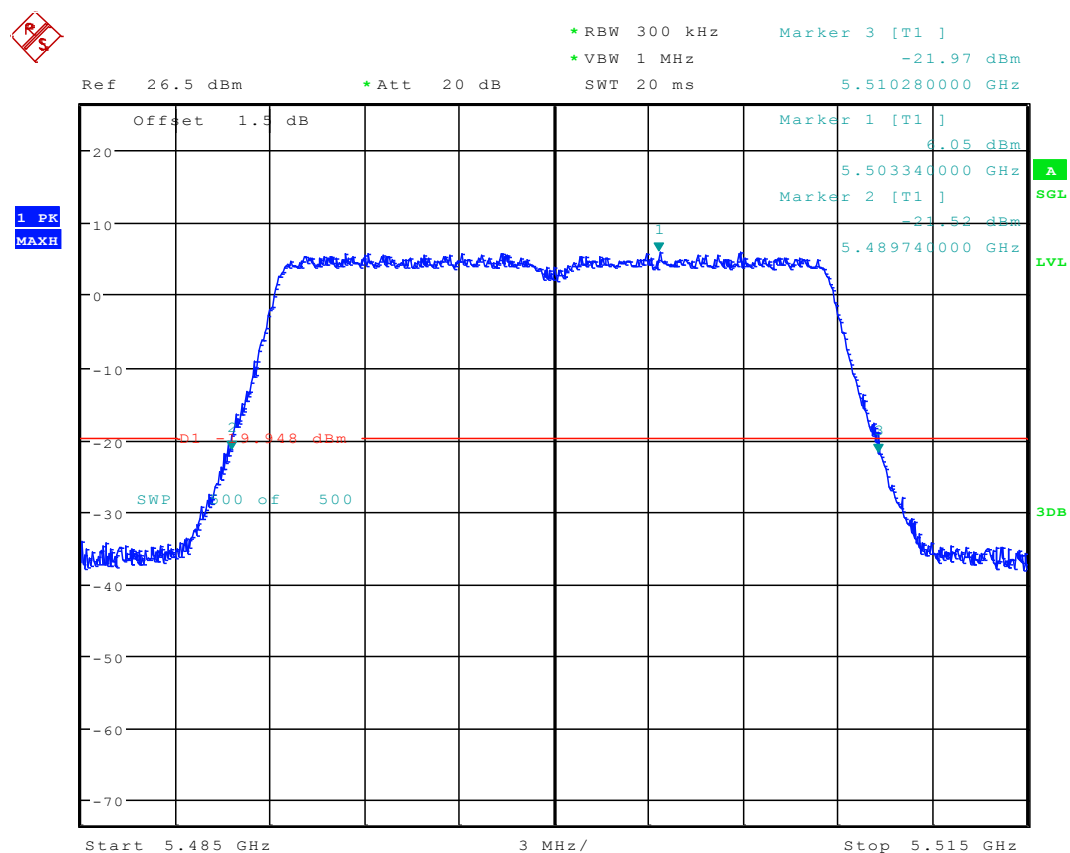
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3.25 11AC20_64 ANT 1



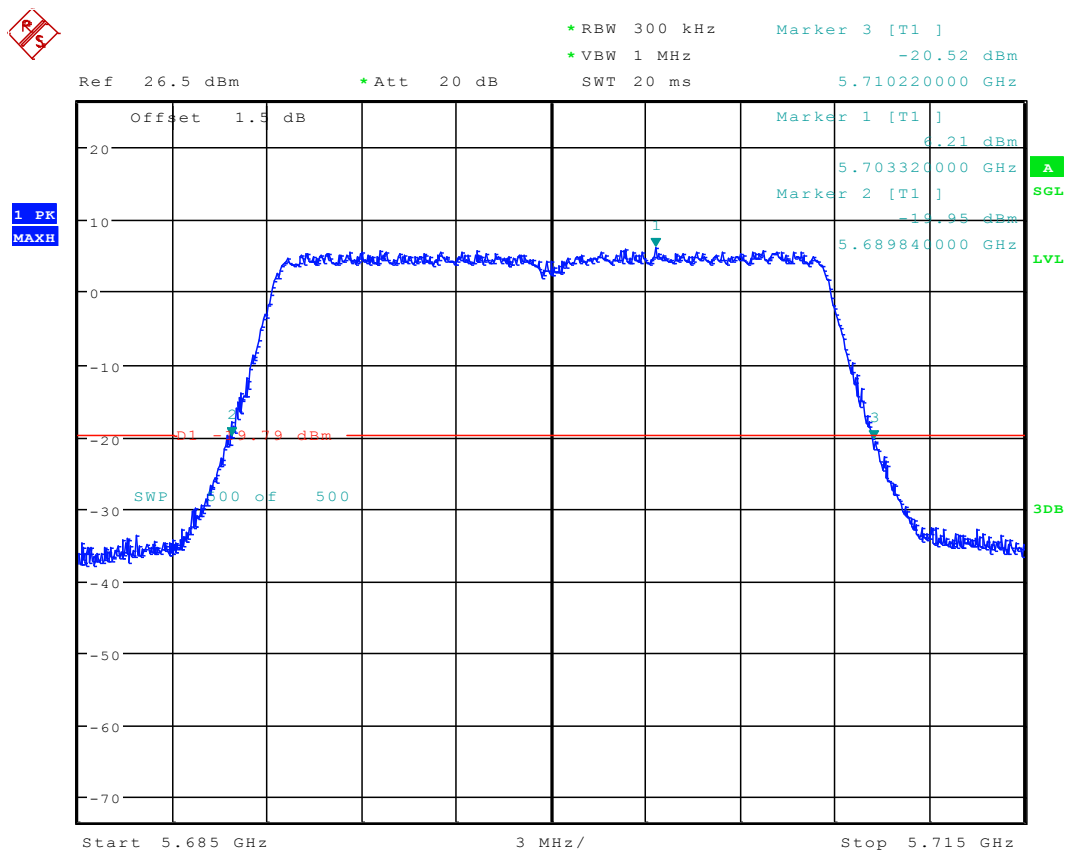
Date: 27.NOV.2017 16:42:54

3.26 11AC20_100 ANT 1



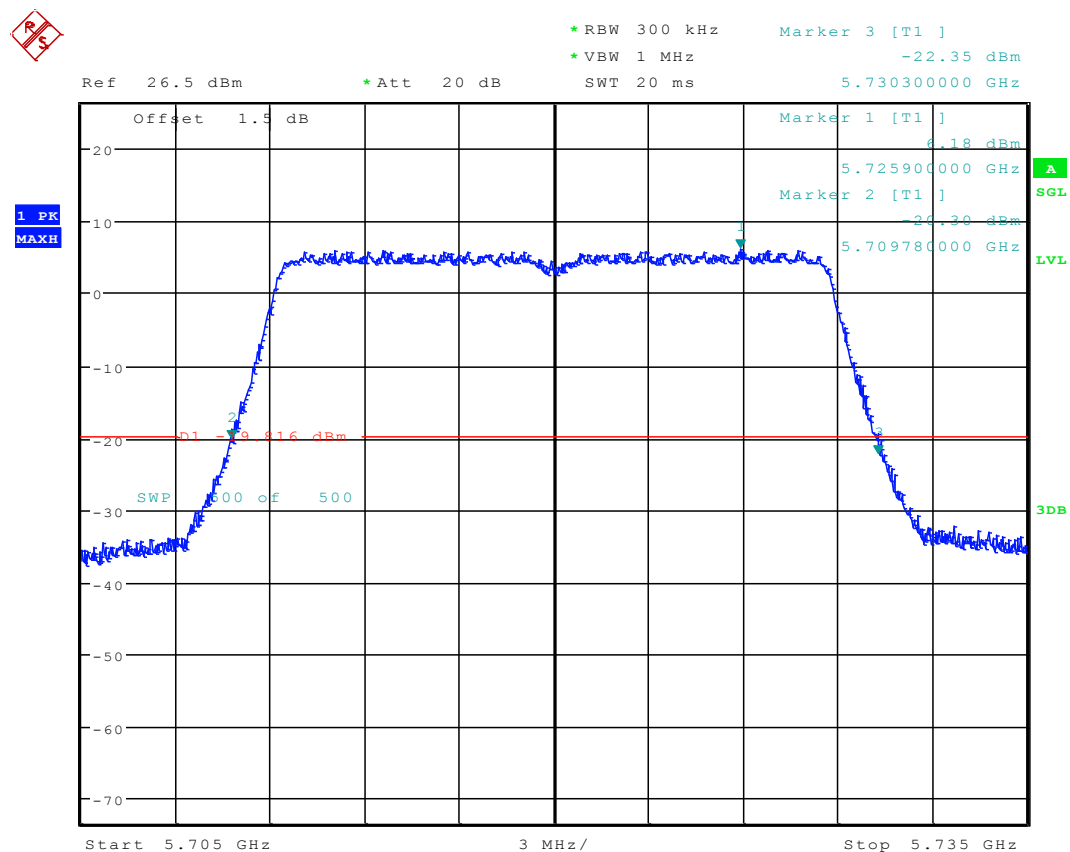
Date: 27.NOV.2017 17:37:21

3.27 11AC20_140 ANT 1



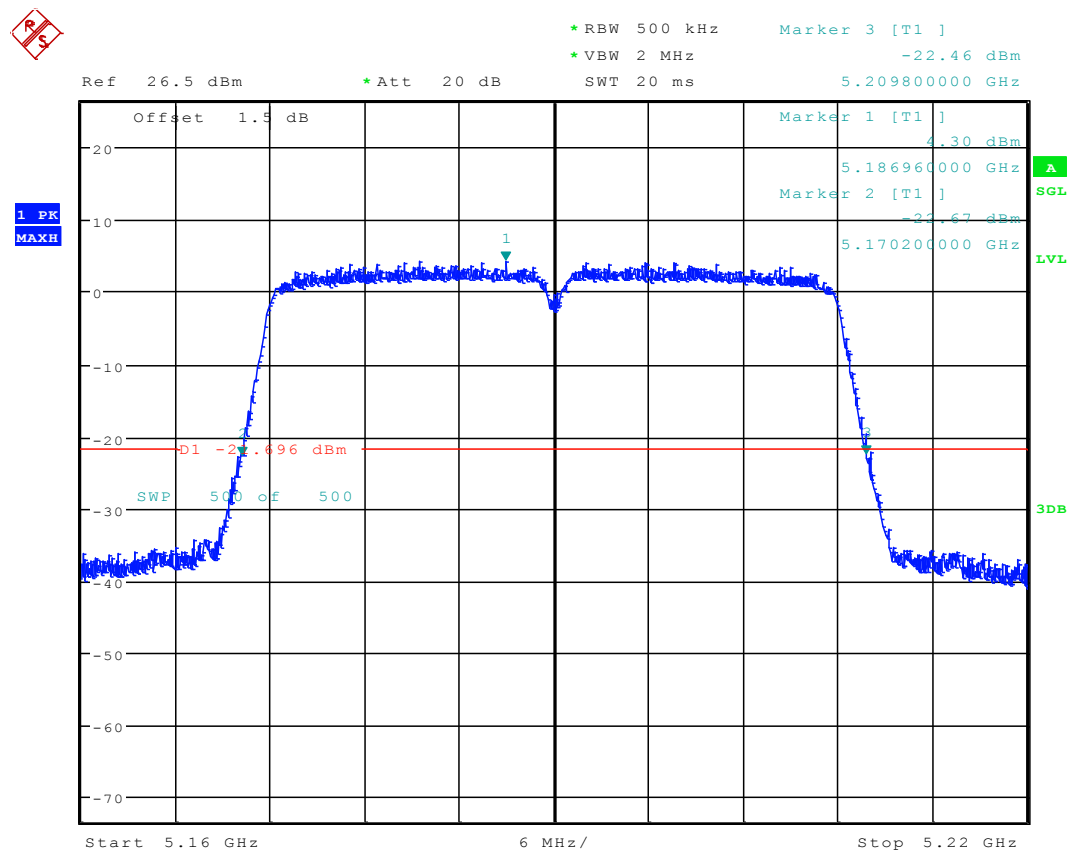
Date: 27.NOV.2017 17:41:31

3.28 11AC20_144 ANT 1



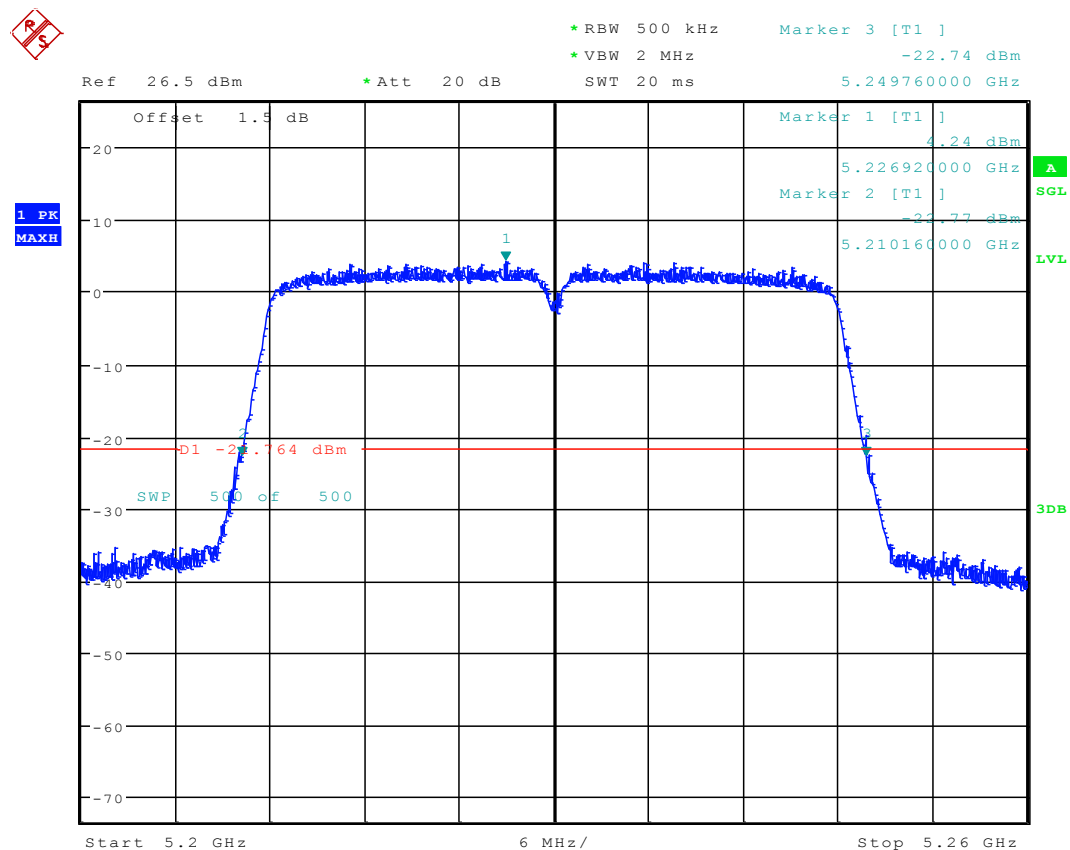
Date: 27.NOV.2017 17:44:28

3.29 11AC40_38 ANT 1



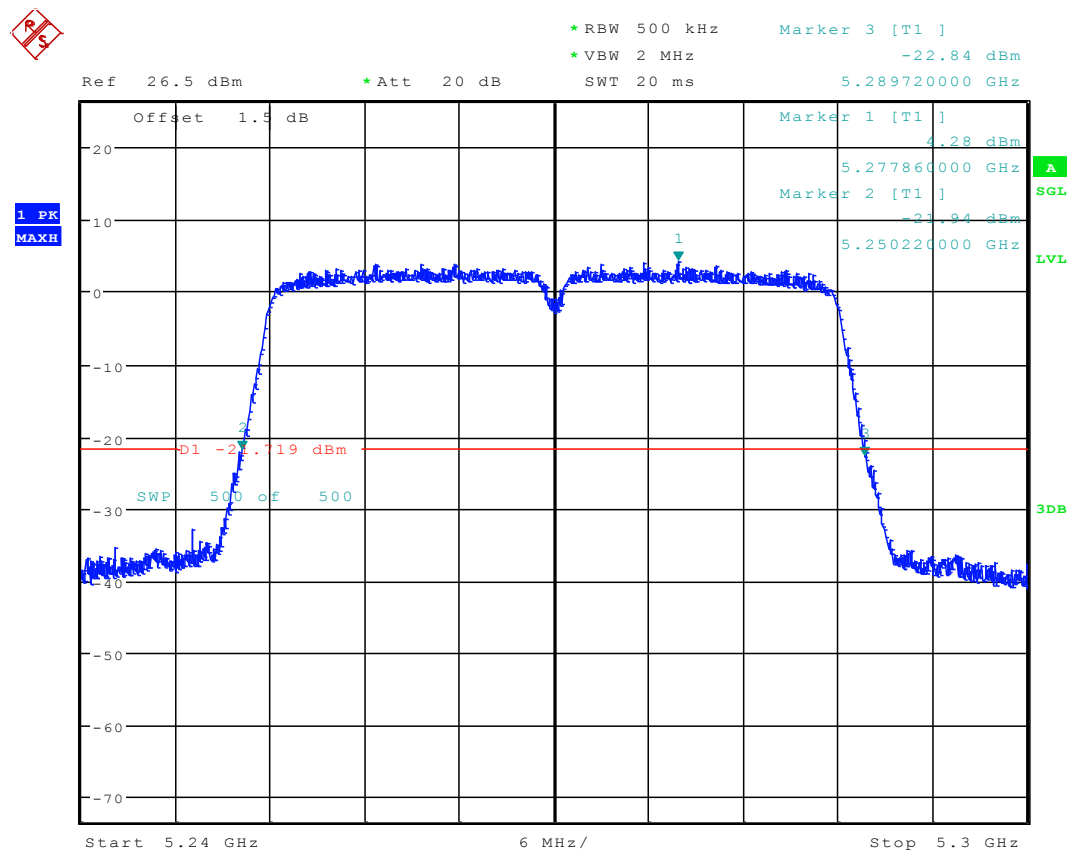
Date: 27.NOV.2017 18:04:44

3.30 11AC40_46 ANT 1



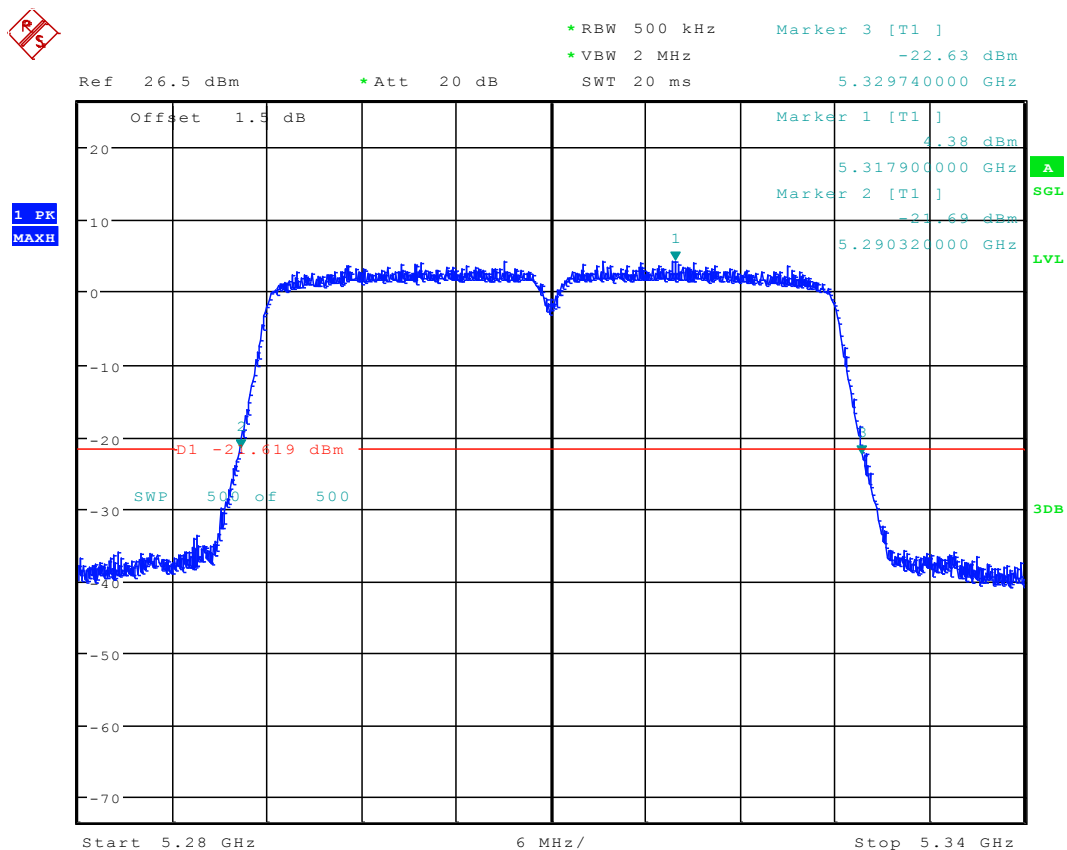
Date: 27.NOV.2017 18:09:13

3.31 11AC40_54 ANT 1



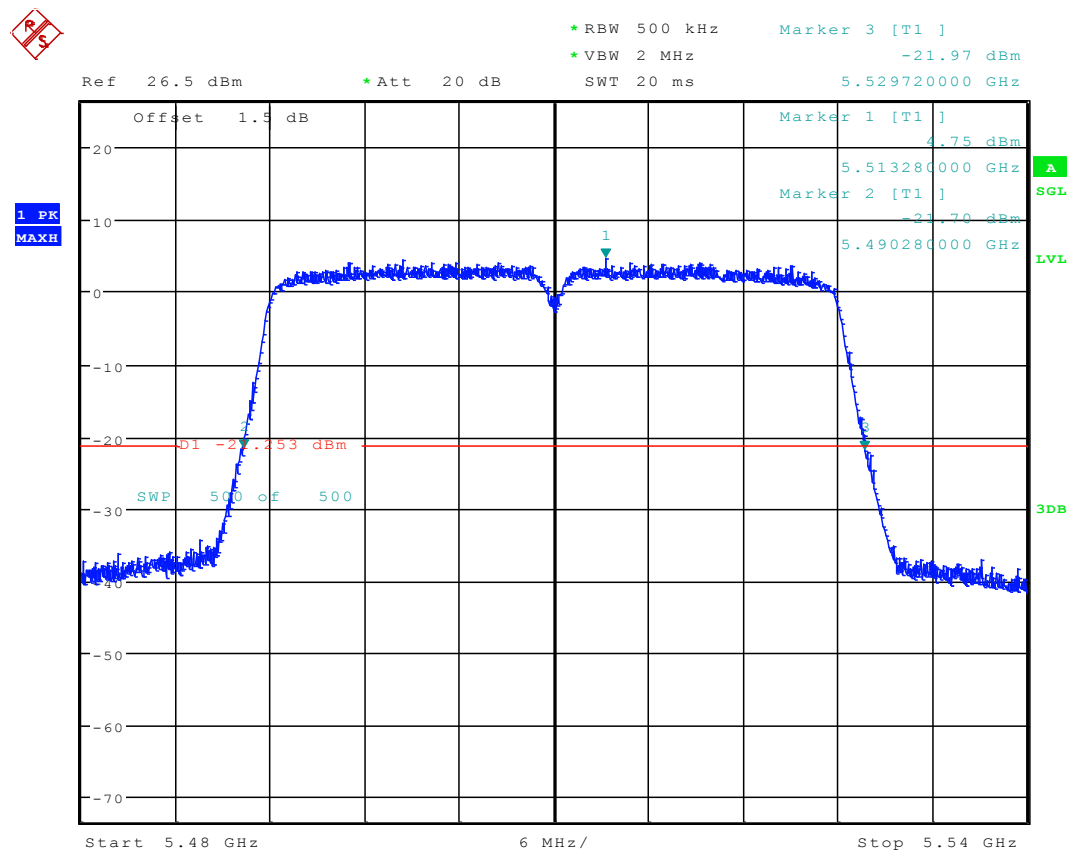
Date: 27.NOV.2017 18:28:14

3.32 11AC40_62 ANT 1



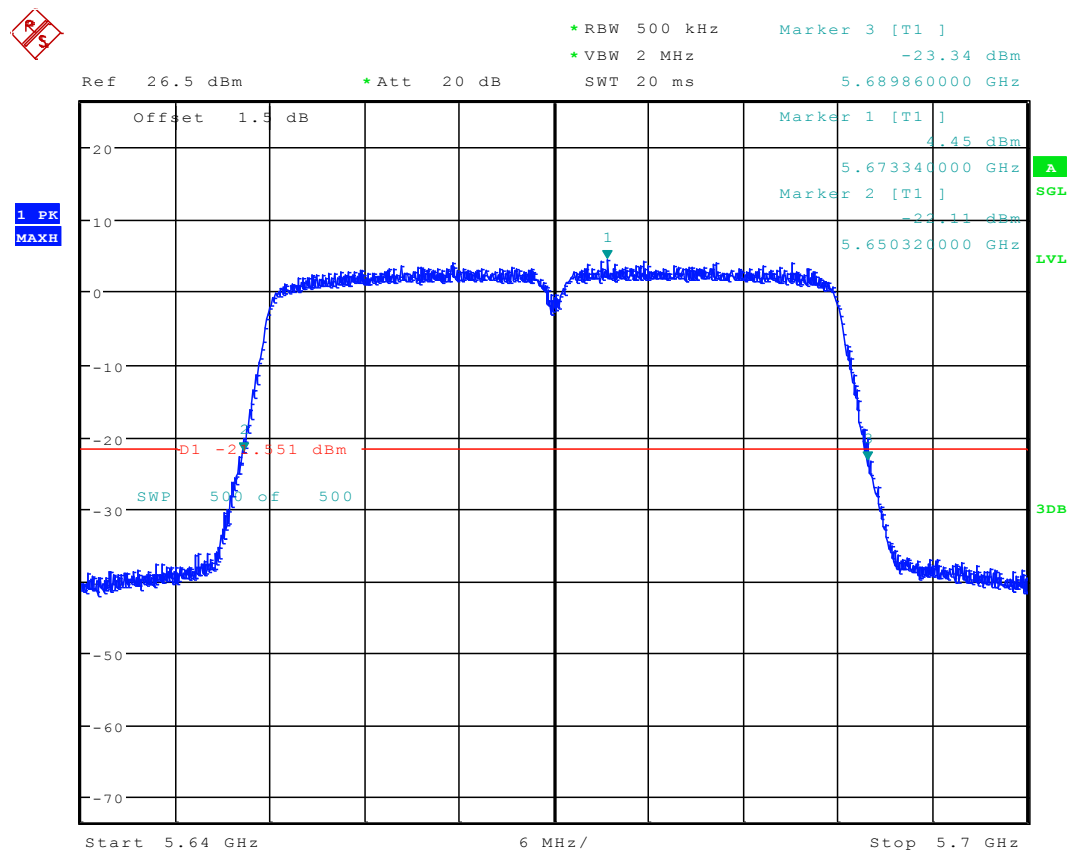
Date: 27.NOV.2017 18:33:00

3.33 11AC40_102 ANT 1



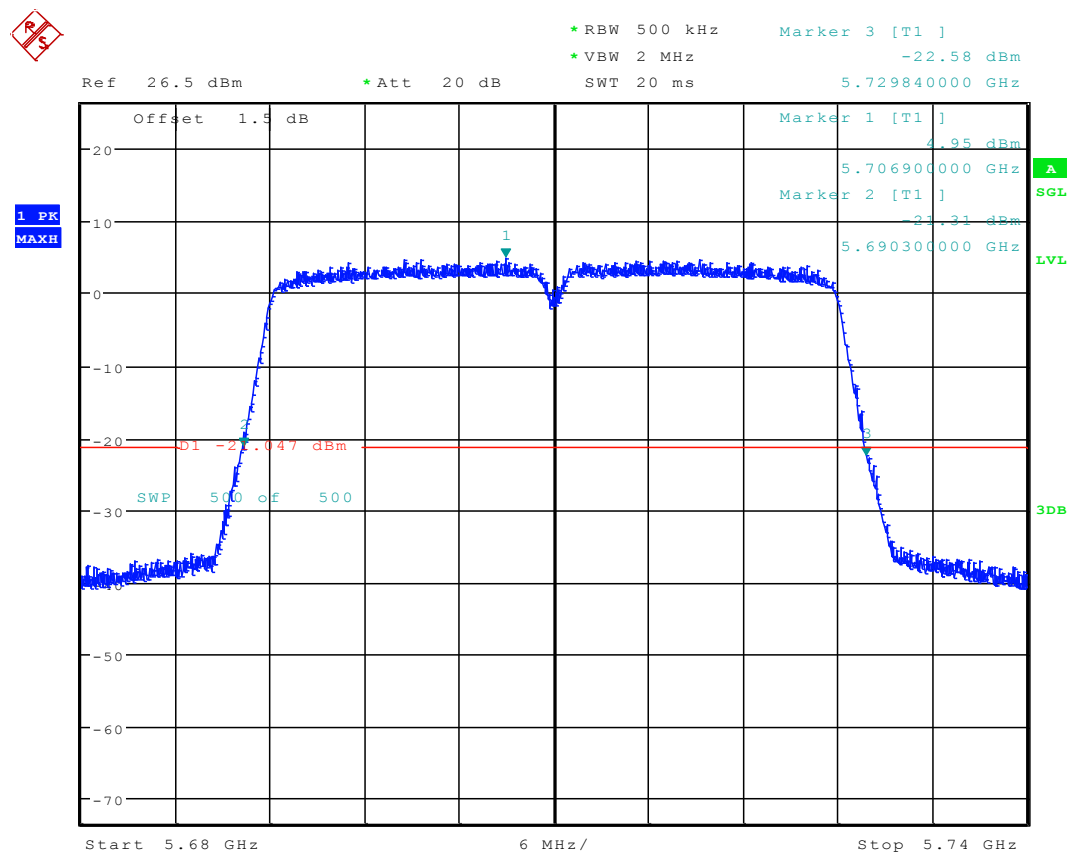
Date: 27.NOV.2017 18:36:32

3.34 11AC40_134 ANT 1



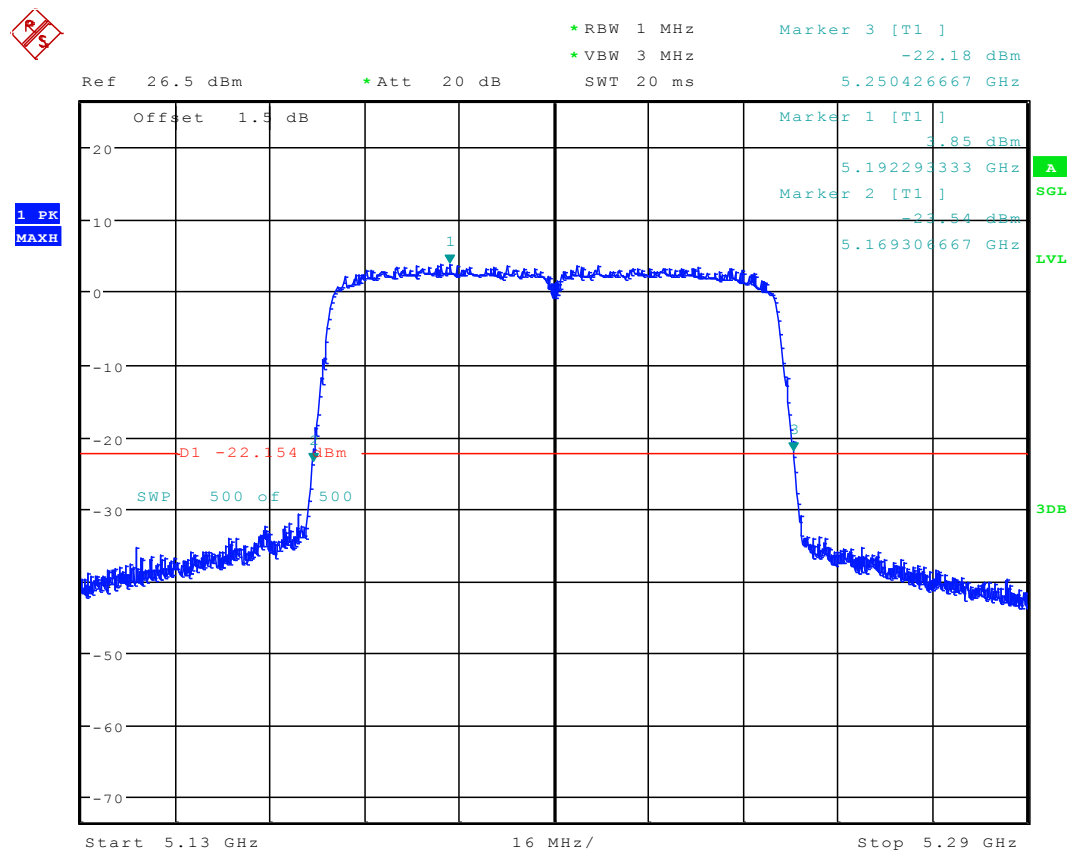
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3.35 11AC40_142 ANT 1



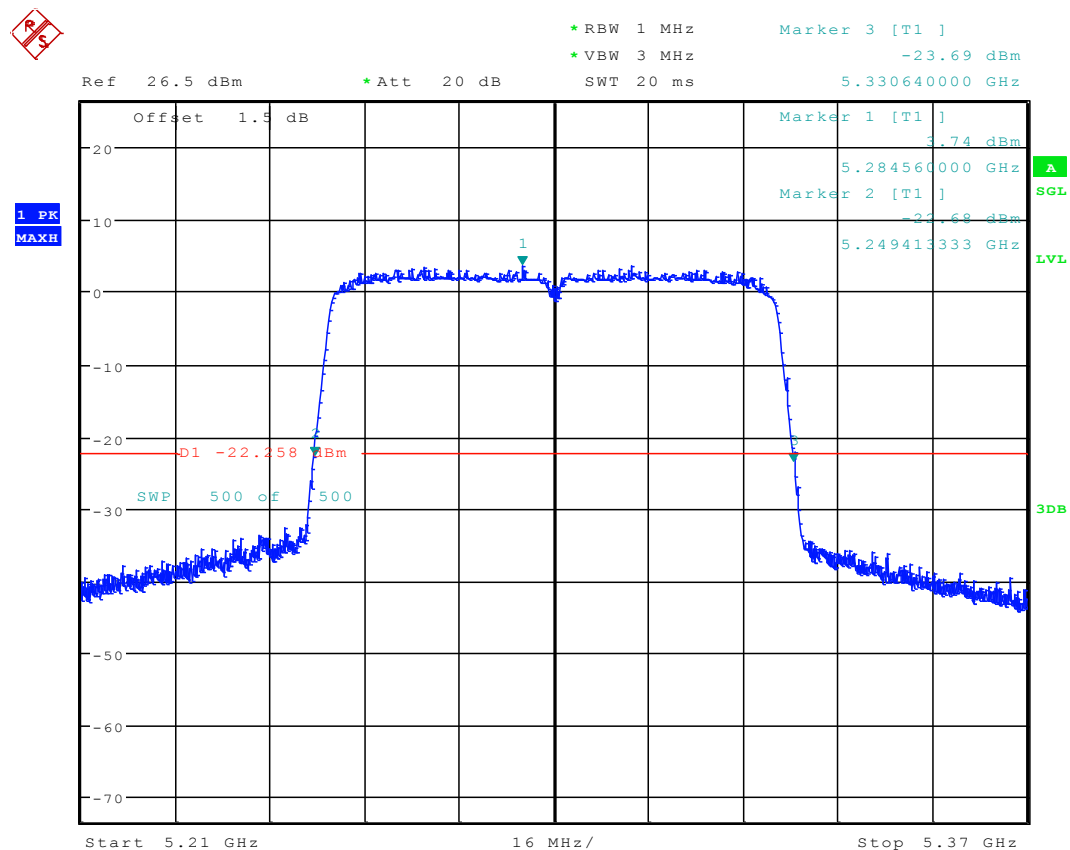
Date: 27.NOV.2017 18:43:24

3.36 11AC80_42 ANT 1



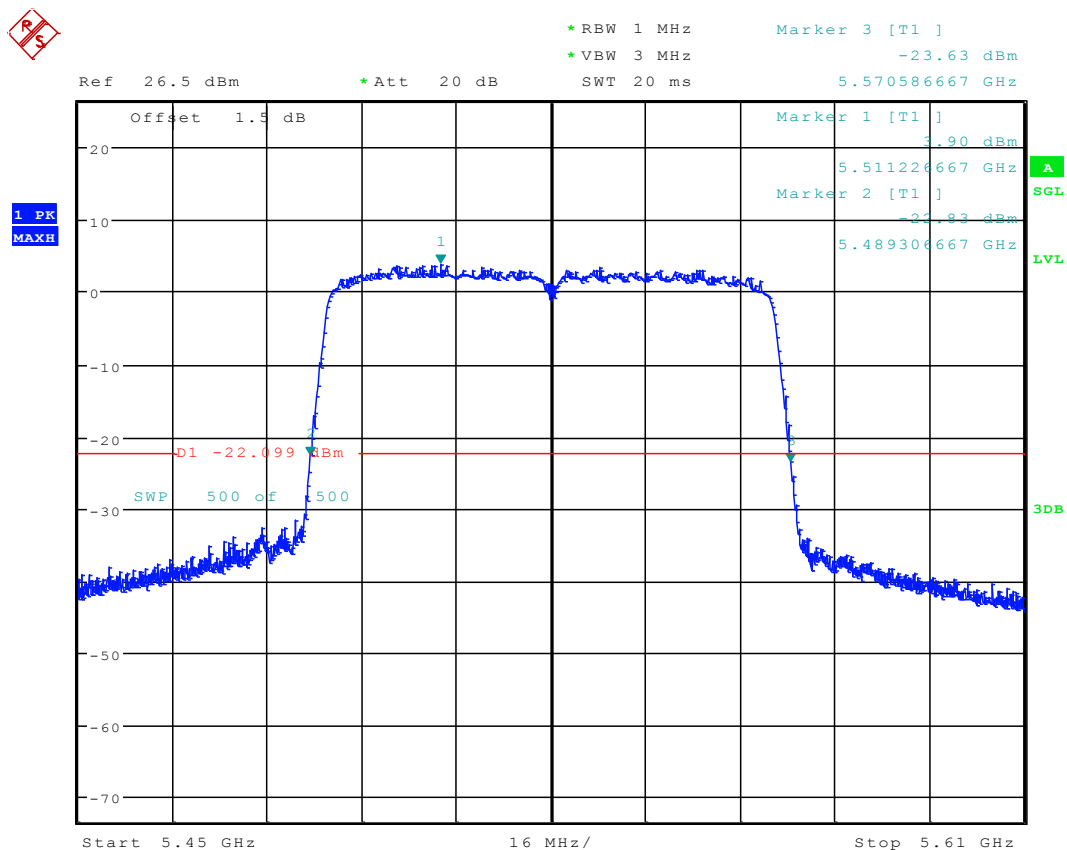
Date: 27.NOV.2017 18:57:56

3.37 11AC80_58 ANT 1



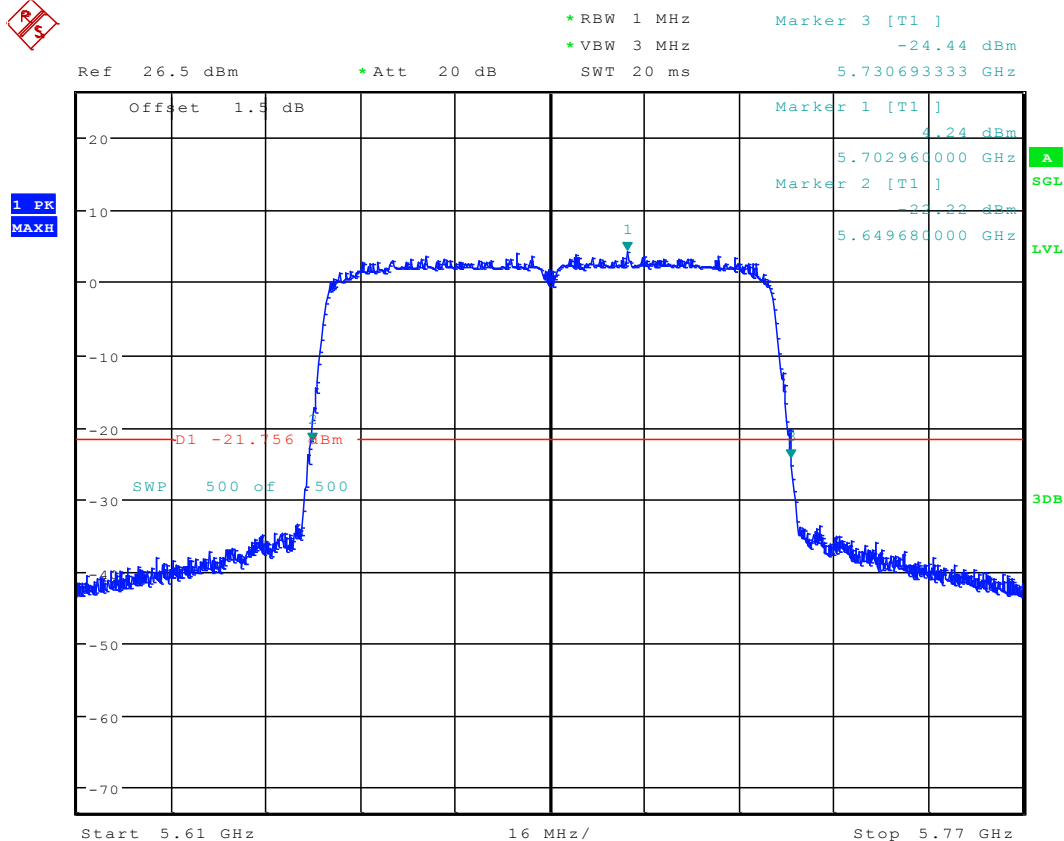
Date: 27.NOV.2017 19:01:15

3.38 11AC80_106 ANT 1



Date: 27.NOV.2017 19:06:39

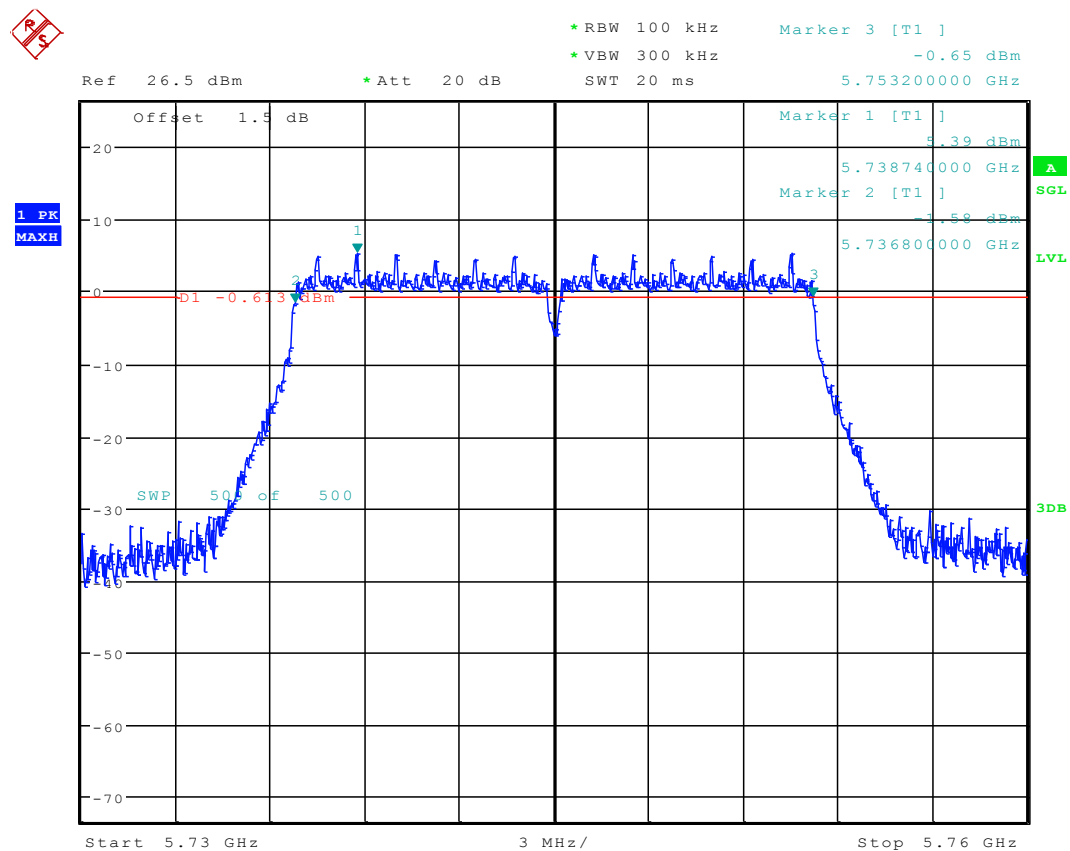
3.39 11AC80_138ANT 1



Date: 27.NOV.2017 19:16:41

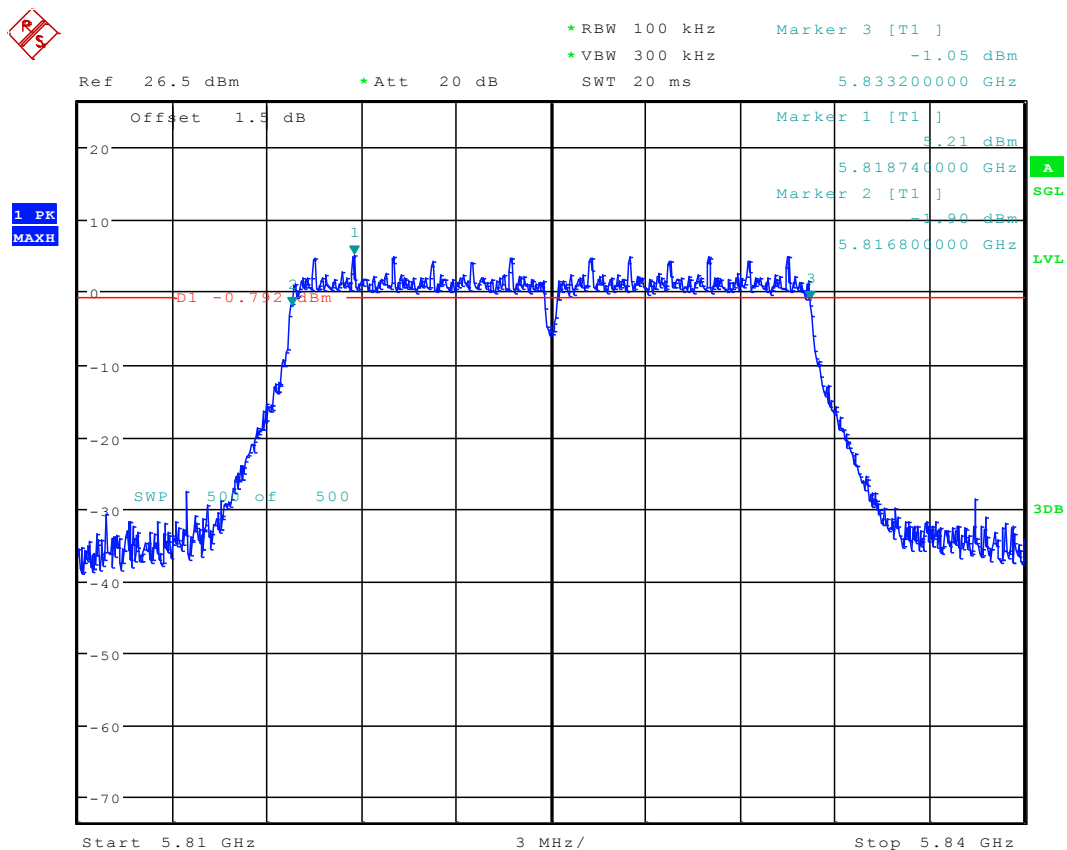
4 Test Plot for 6dB Emission Bandwidth

4.1 11A20_149 ANT 1



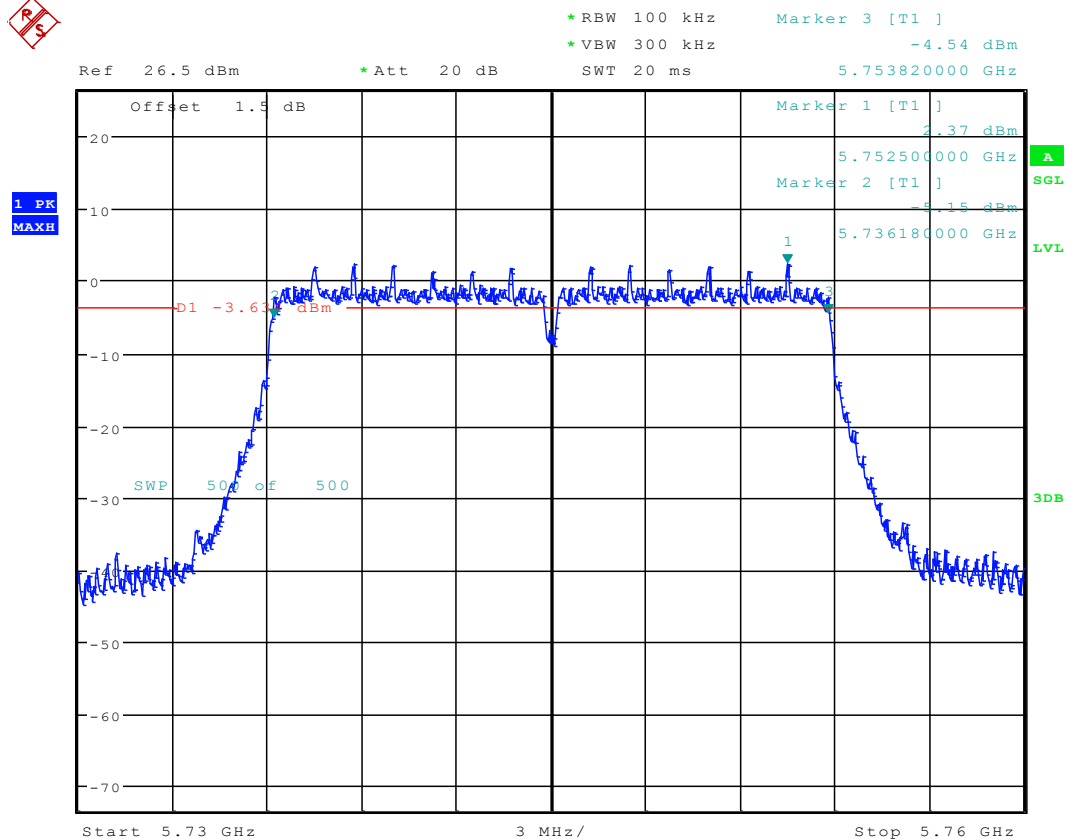
Date: 27.NOV.2017 14:25:37

4.2 11A20_165 ANT 1



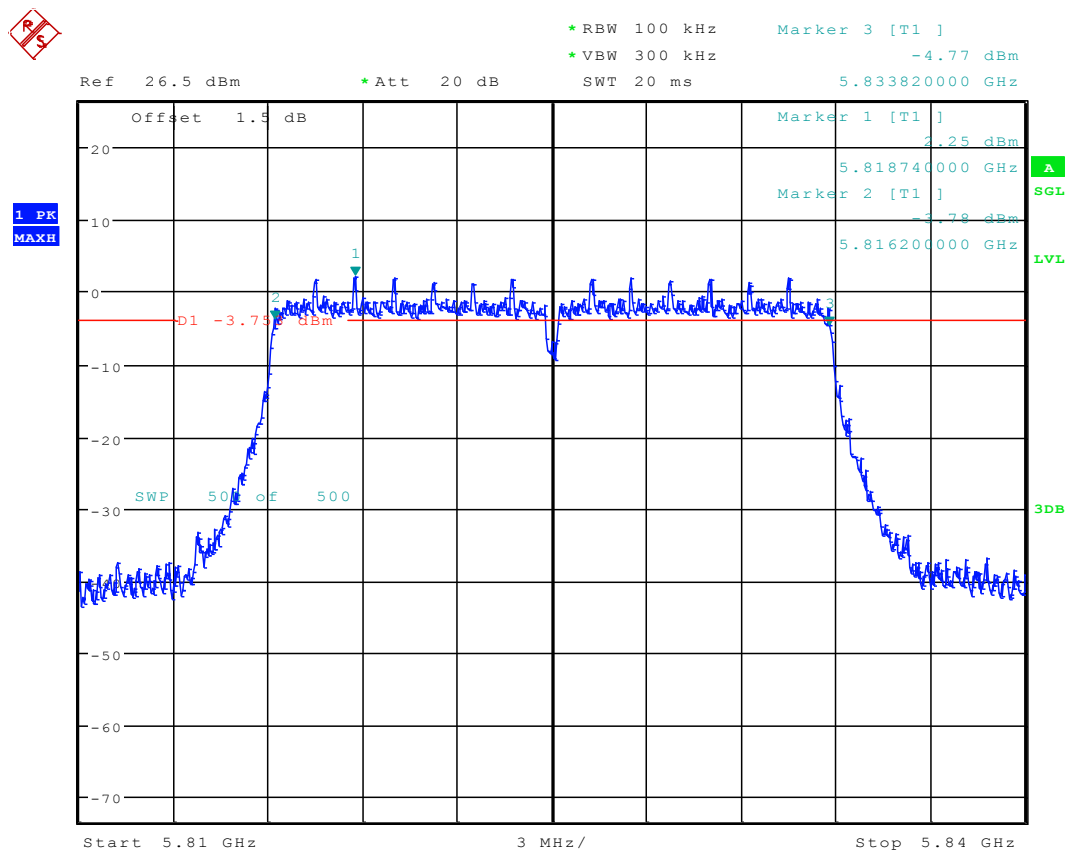
Date: 27.NOV.2017 14:29:37

4.3 11N20_149 ANT 1



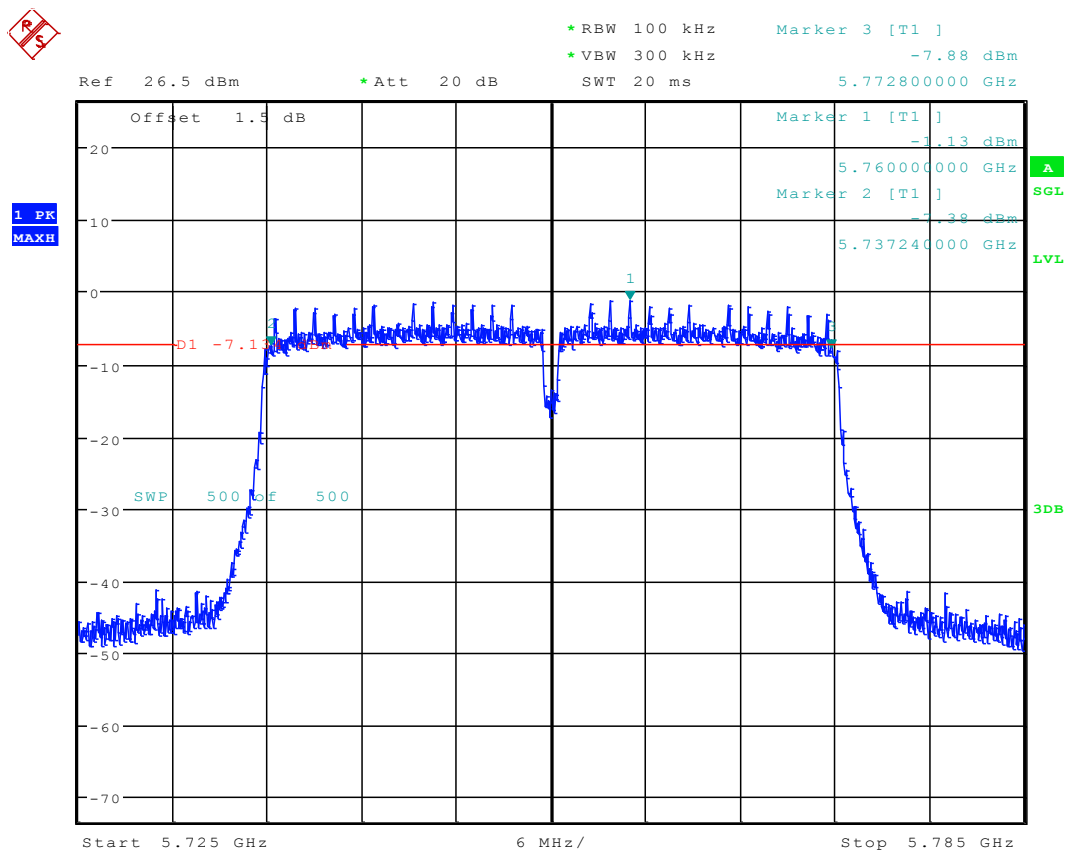
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4.4 11N20_165 ANT 1



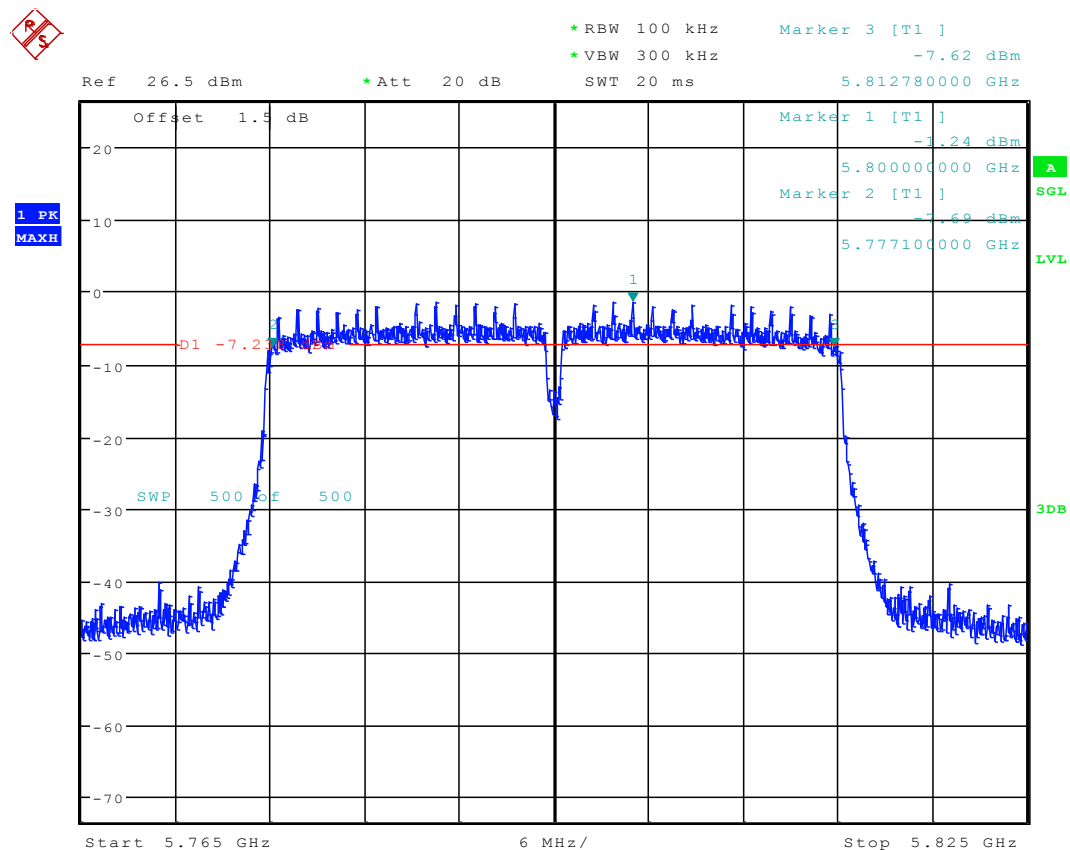
Date: 27.NOV.2017 15:48:18

4.5 11N40_151 ANT 1



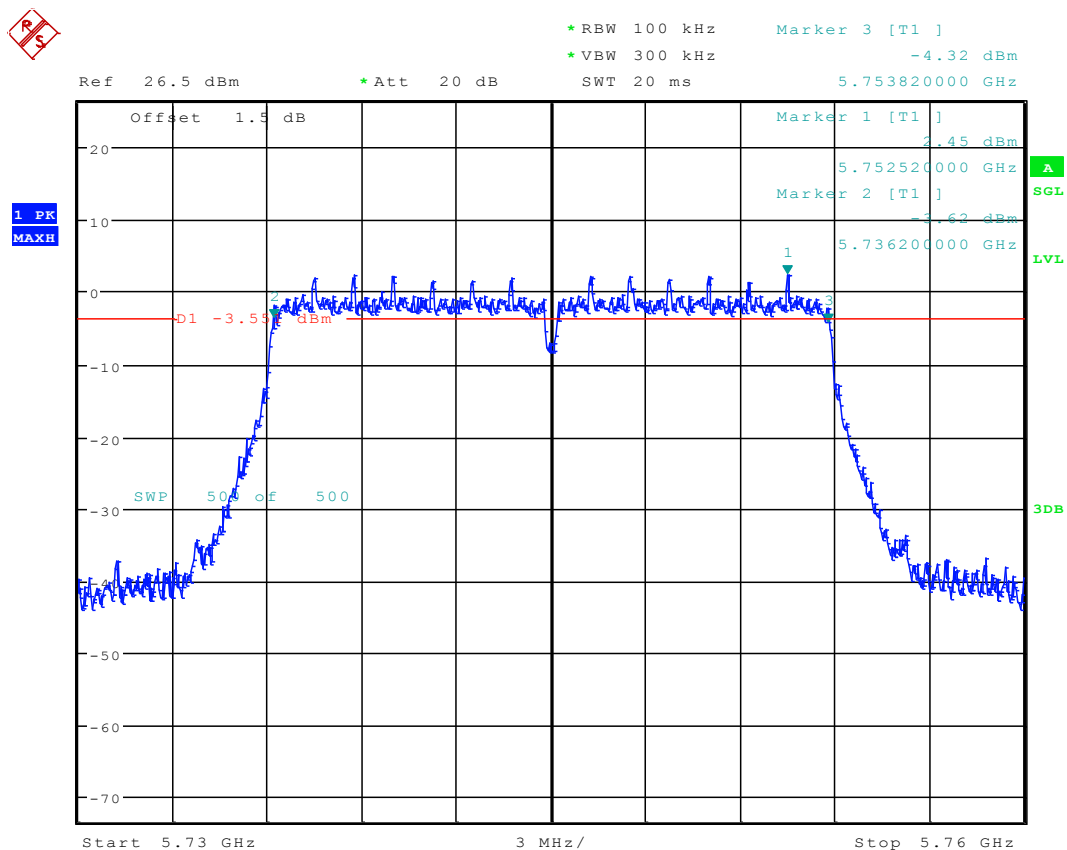
Date: 27.NOV.2017 16:19:35

4.6 11N40_159 ANT 1



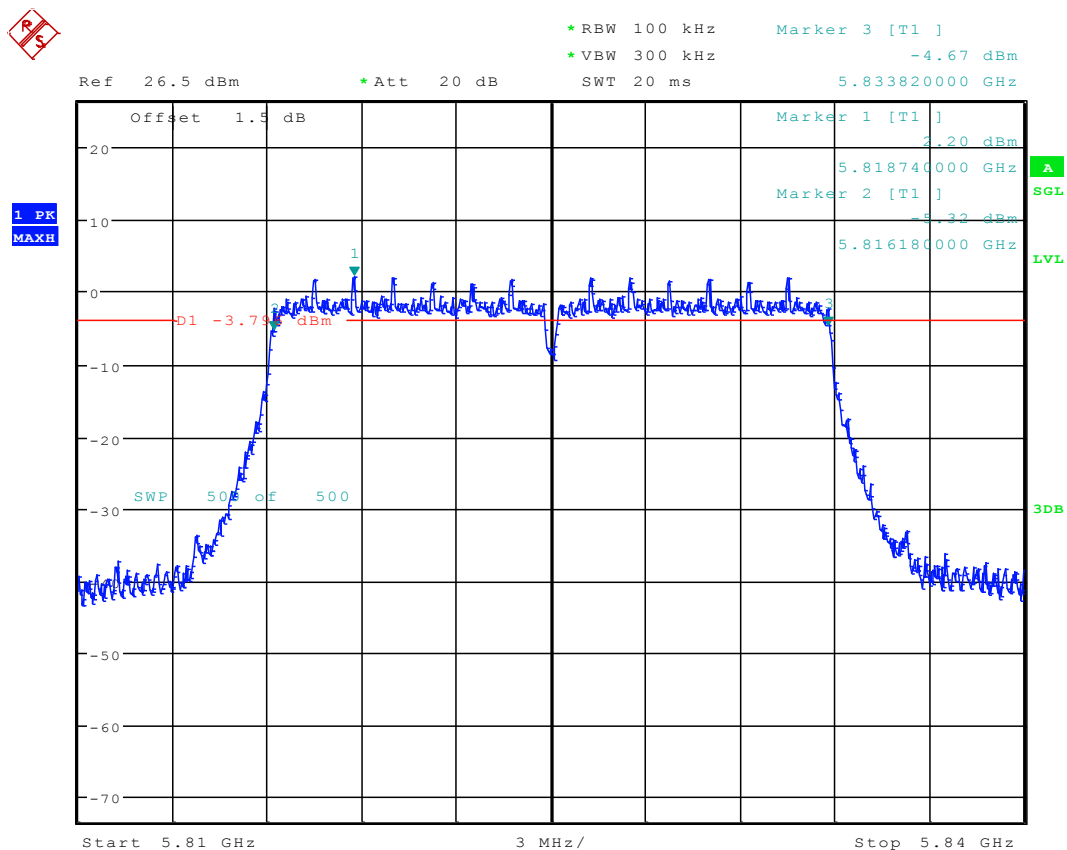
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4.7 11AC20_149 ANT 1



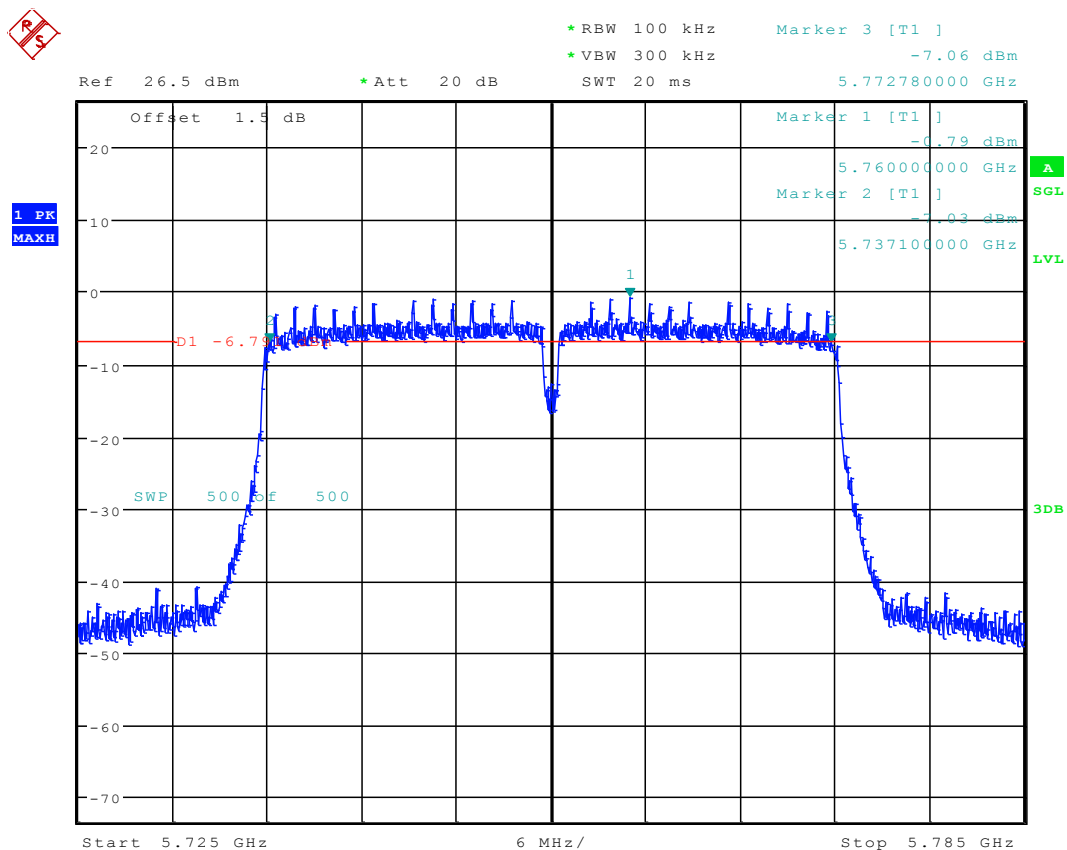
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4.8 11AC20_165 ANT 1



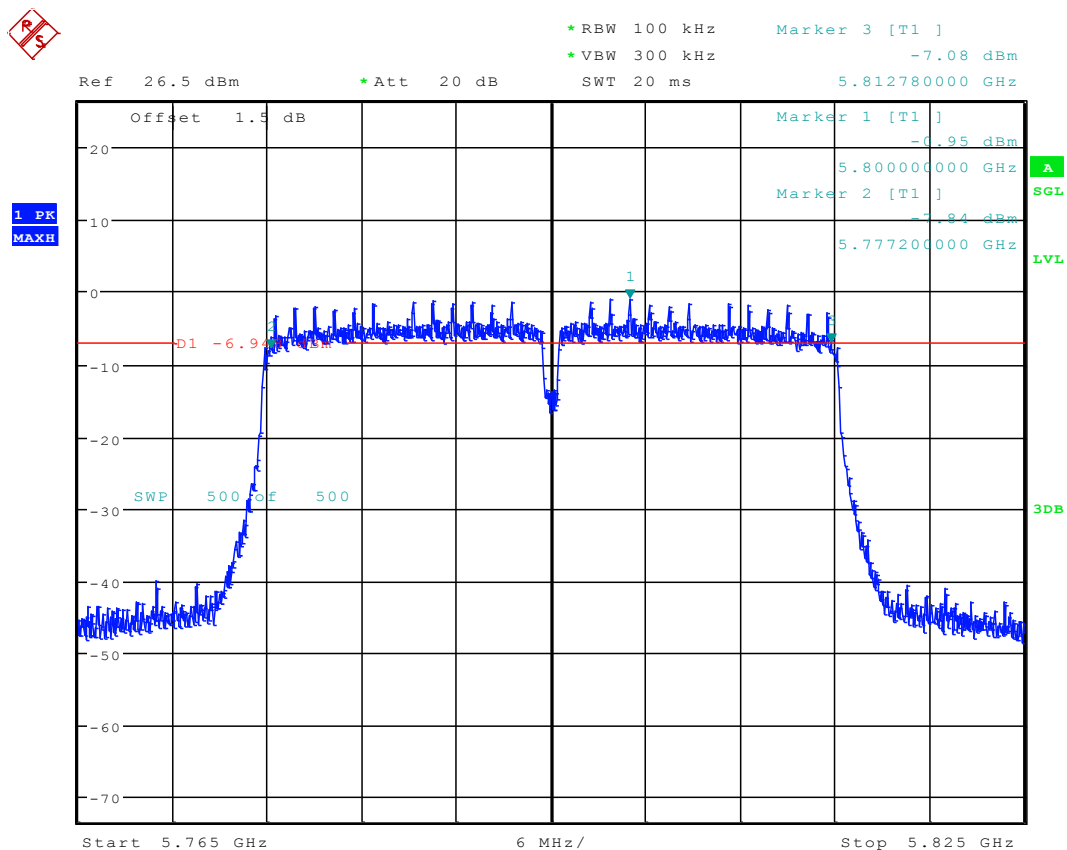
Date: 27.NOV.2017 17:58:11

4.9 11AC40_151 ANT 1



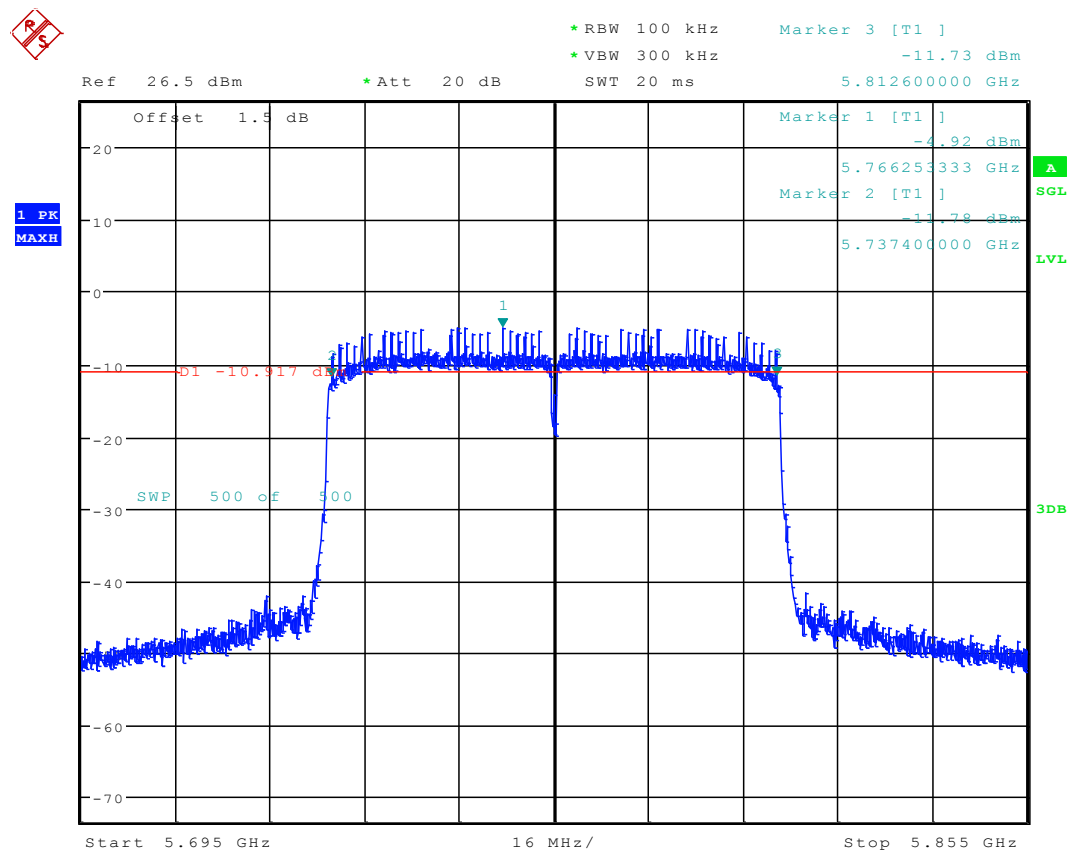
Date: 27.NOV.2017 18:47:59

4.10 11AC40_159 ANT 1



Date: 27.NOV.2017 18:52:26

4.11 11AC80_155 ANT 1



Date: 27.NOV.2017 19:24:29

Appendix B Occupied Bandwidth (OBW)

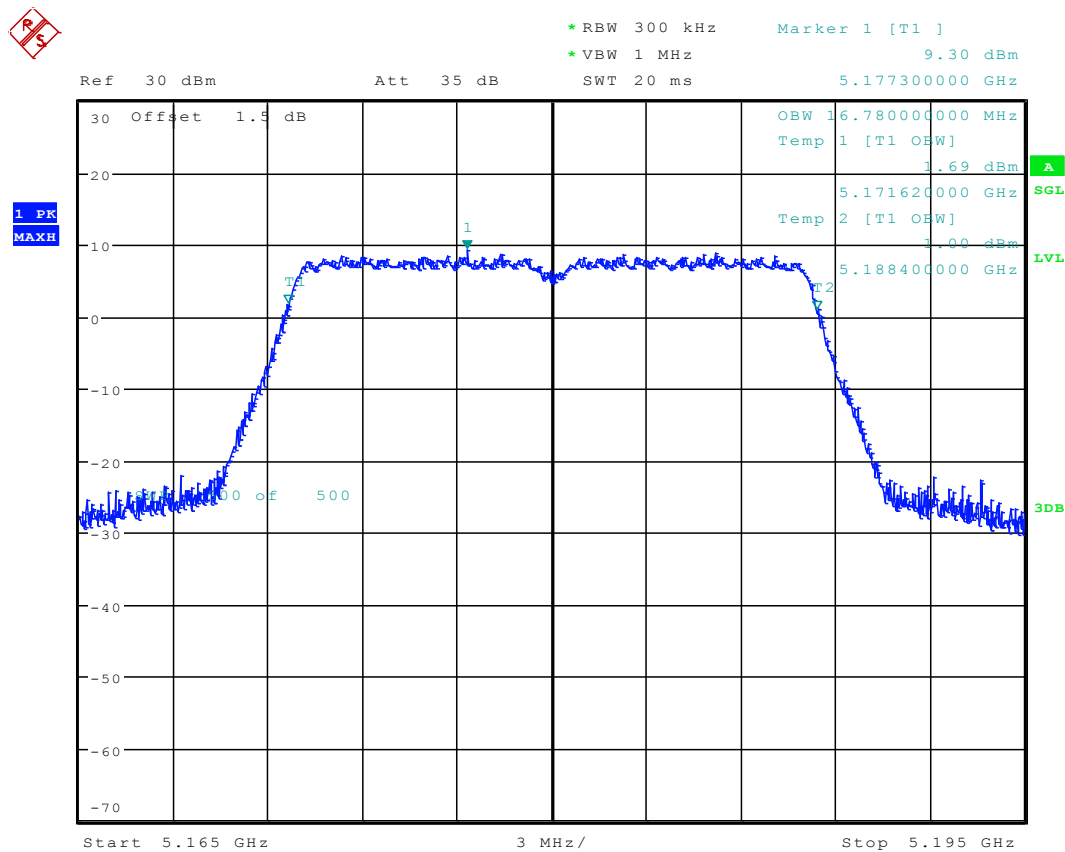
5 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Occupied Bandwidth [MHz]	Verdict
11A20	36	5180	ANT 1	16.78	PASS
	48	5240	ANT 1	16.78	PASS
	52	5260	ANT 1	16.76	PASS
	64	5320	ANT 1	16.76	PASS
	100	5500	ANT 1	16.76	PASS
	140	5700	ANT 1	16.78	PASS
	144	5720	ANT 1	16.78	PASS
	149	5745	ANT 1	16.78	PASS
	165	5825	ANT 1	16.8	PASS
11N20	36	5180	ANT 1	17.74	PASS
	48	5240	ANT 1	17.76	PASS
	52	5260	ANT 1	17.74	PASS
	64	5320	ANT 1	17.74	PASS
	100	5500	ANT 1	17.74	PASS
	140	5700	ANT 1	17.74	PASS
	144	5720	ANT 1	17.74	PASS
	149	5745	ANT 1	17.74	PASS
	165	5825	ANT 1	17.74	PASS
11N40	38	5190	ANT 1	35.94	PASS
	46	5230	ANT 1	35.94	PASS
	54	5270	ANT 1	35.94	PASS
	62	5310	ANT 1	35.96	PASS
	102	5510	ANT 1	35.94	PASS
	134	5670	ANT 1	35.94	PASS
	142	5710	ANT 1	35.94	PASS
	151	5755	ANT 1	35.94	PASS
	159	5795	ANT 1	35.94	PASS
11AC20	36	5180	ANT 1	17.74	PASS
	48	5240	ANT 1	17.76	PASS
	52	5260	ANT 1	17.74	PASS
	64	5320	ANT 1	17.74	PASS
	100	5500	ANT 1	17.74	PASS
	140	5700	ANT 1	17.74	PASS
	144	5720	ANT 1	17.74	PASS

	149	5745	ANT 1	17.74	PASS
	165	5825	ANT 1	17.74	PASS
11AC40	38	5190	ANT 1	35.94	PASS
	46	5230	ANT 1	35.92	PASS
	54	5270	ANT 1	35.94	PASS
	62	5310	ANT 1	35.94	PASS
	102	5510	ANT 1	35.92	PASS
	134	5670	ANT 1	35.92	PASS
	142	5710	ANT 1	35.94	PASS
	151	5755	ANT 1	35.92	PASS
	159	5795	ANT 1	35.92	PASS
11AC80	42	5210	ANT 1	74.8	PASS
	58	5290	ANT 1	74.88	PASS
	106	5530	ANT 1	74.88	PASS
	138	5690	ANT 1	74.8	PASS
	155	5775	ANT 1	74.84	PASS

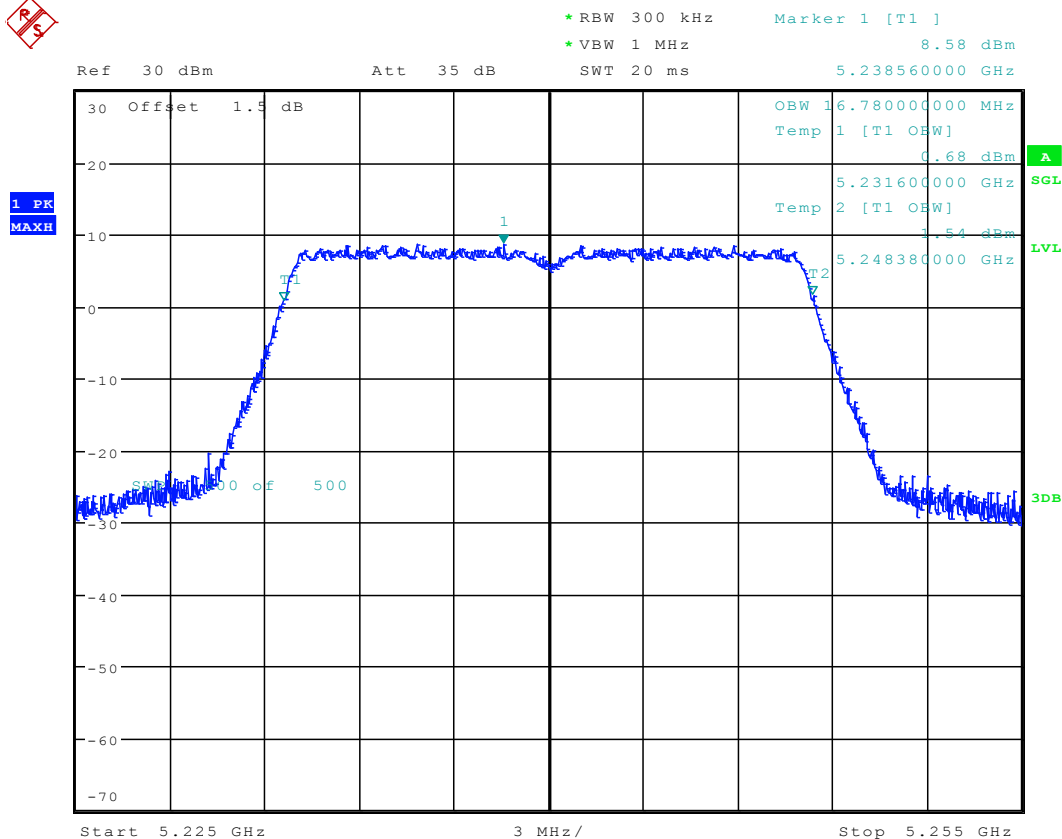
6 Test Plot

6.1 11A20_36 ANT 1



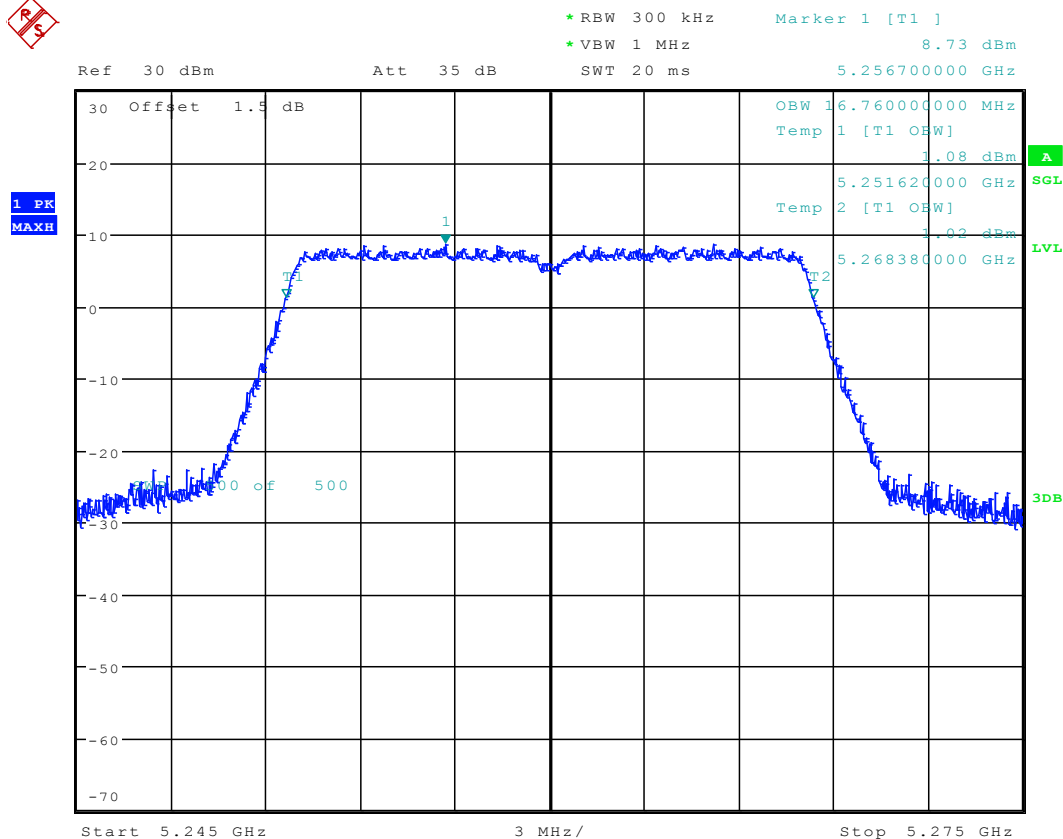
Date: 27.NOV.2017 13:37:21

6.2 11A20_48 ANT 1



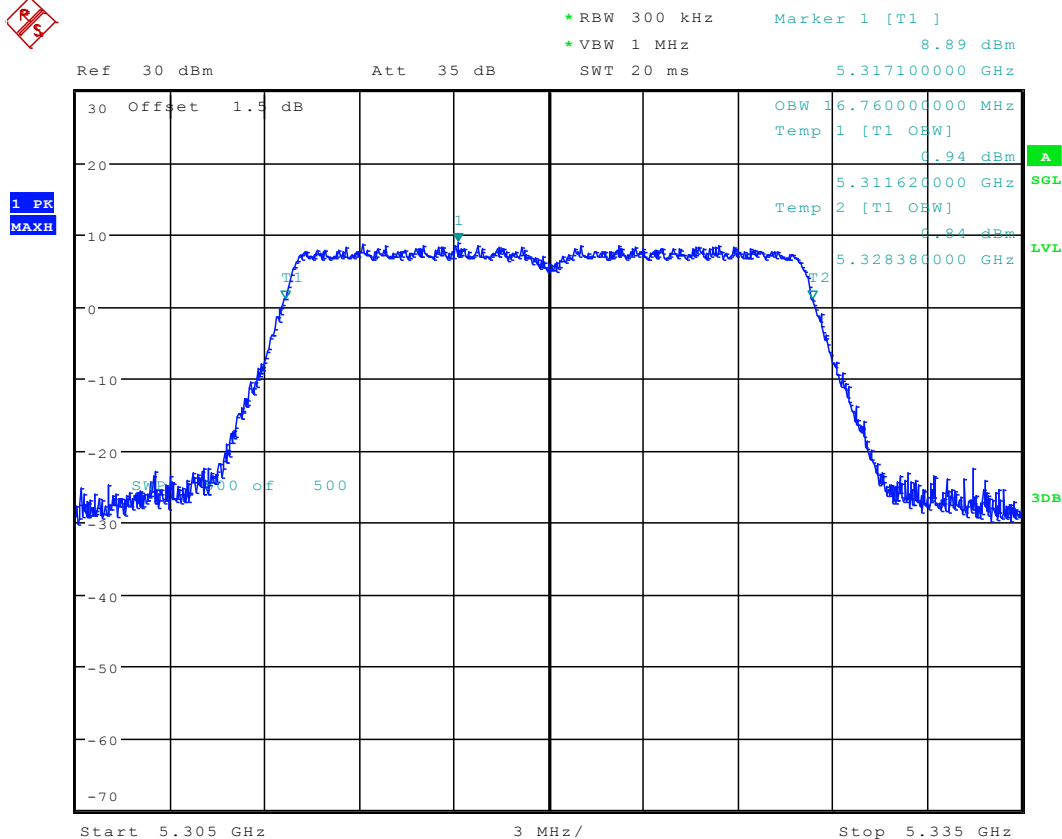
Date: 27.NOV.2017 13:40:42

6.3 11A20_52 ANT 1



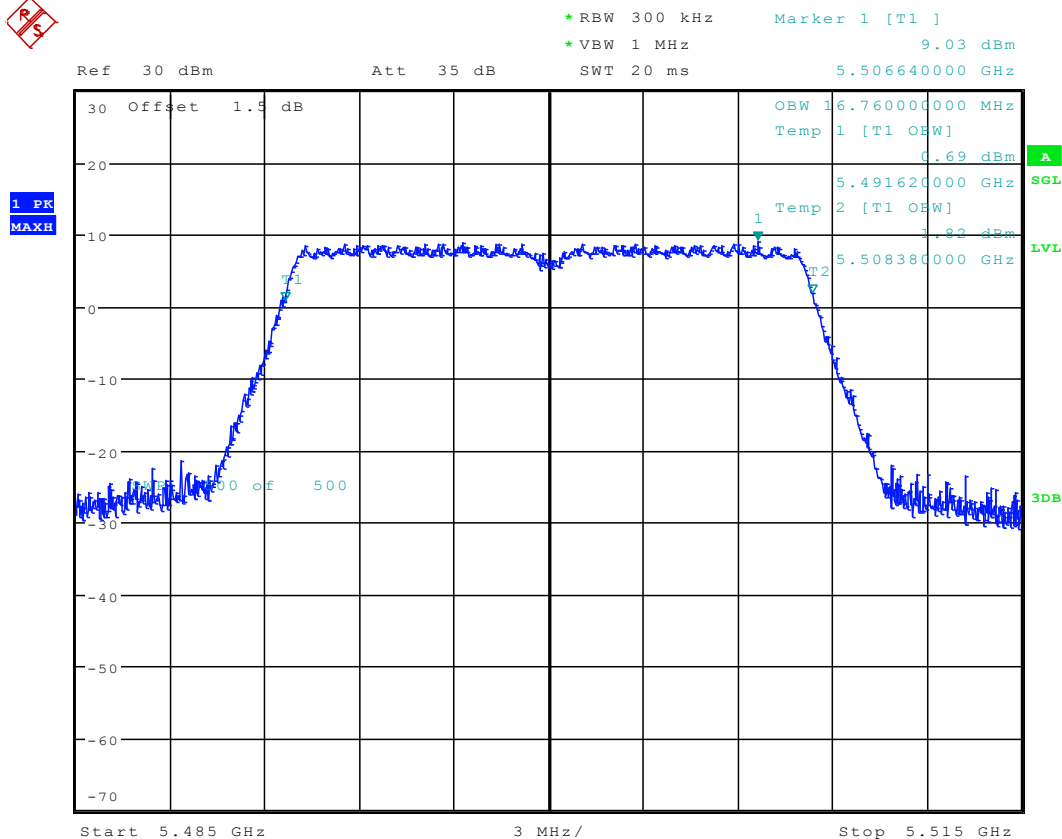
Date: 27.NOV.2017 13:43:19

6.4 11A20_64 ANT 1



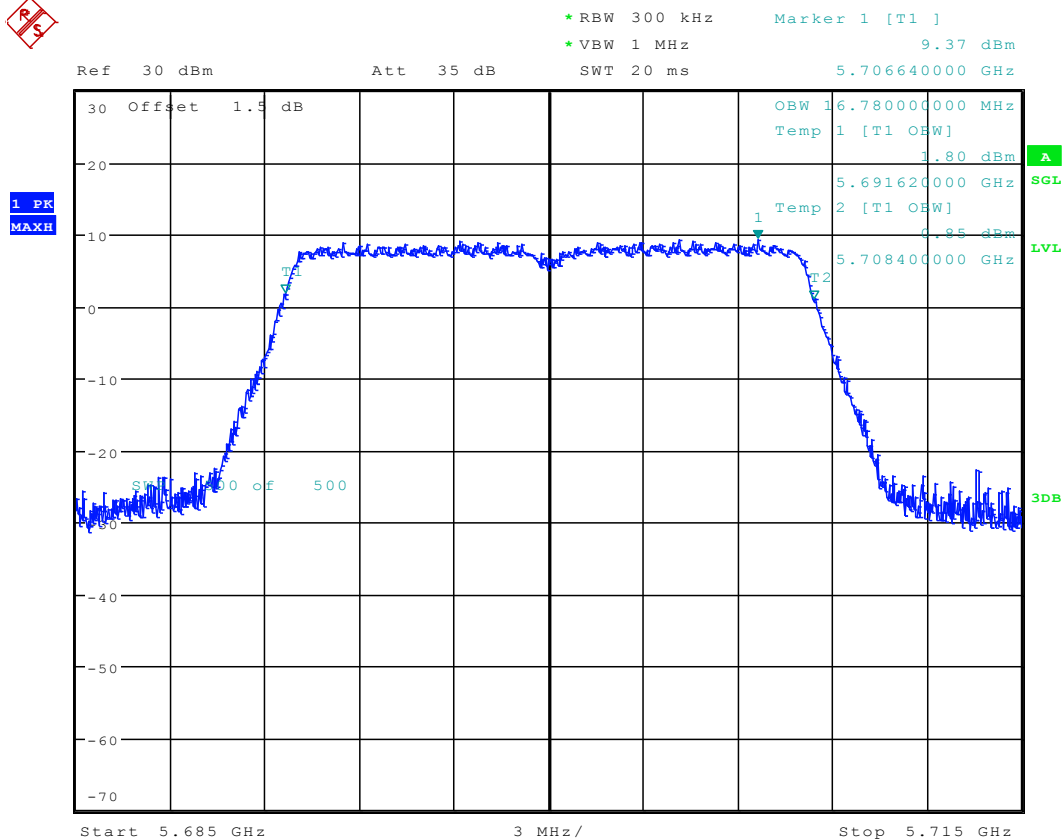
Date: 27.NOV.2017 14:07:27

6.5 11A20_100 ANT 1



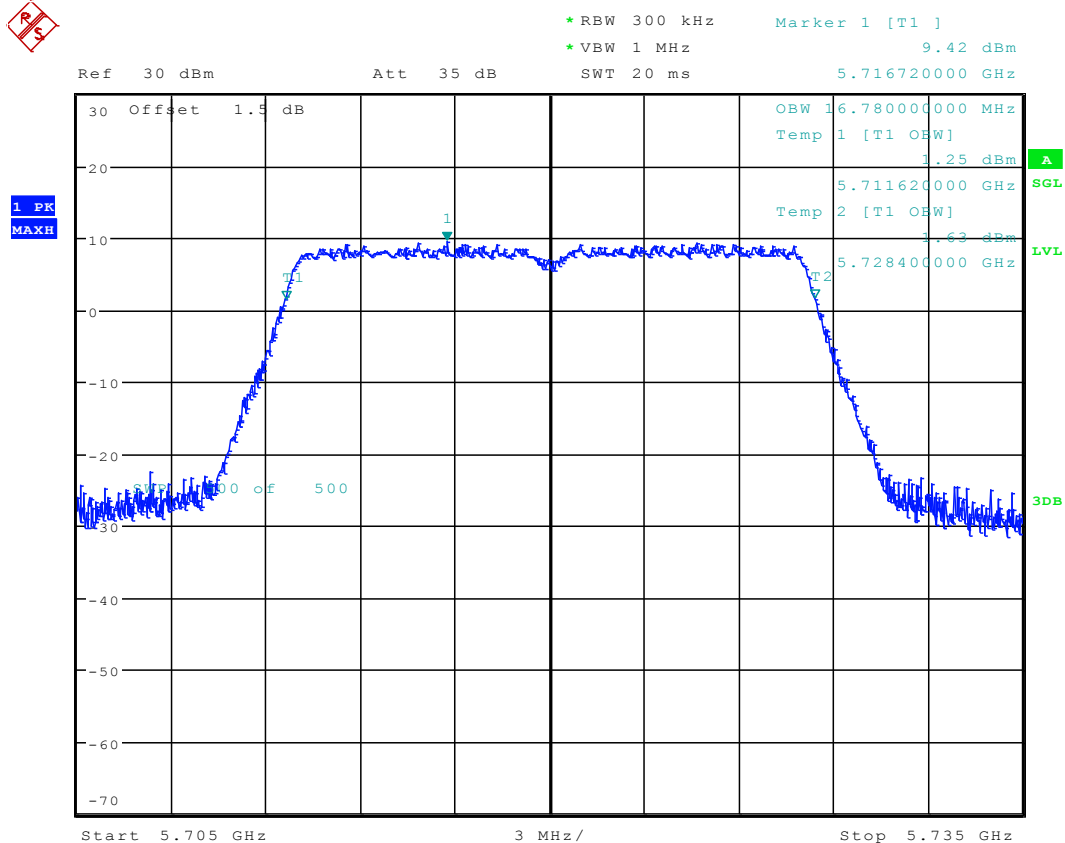
Date: 27.NOV.2017 14:12:38

6.6 11A20_140 ANT 1



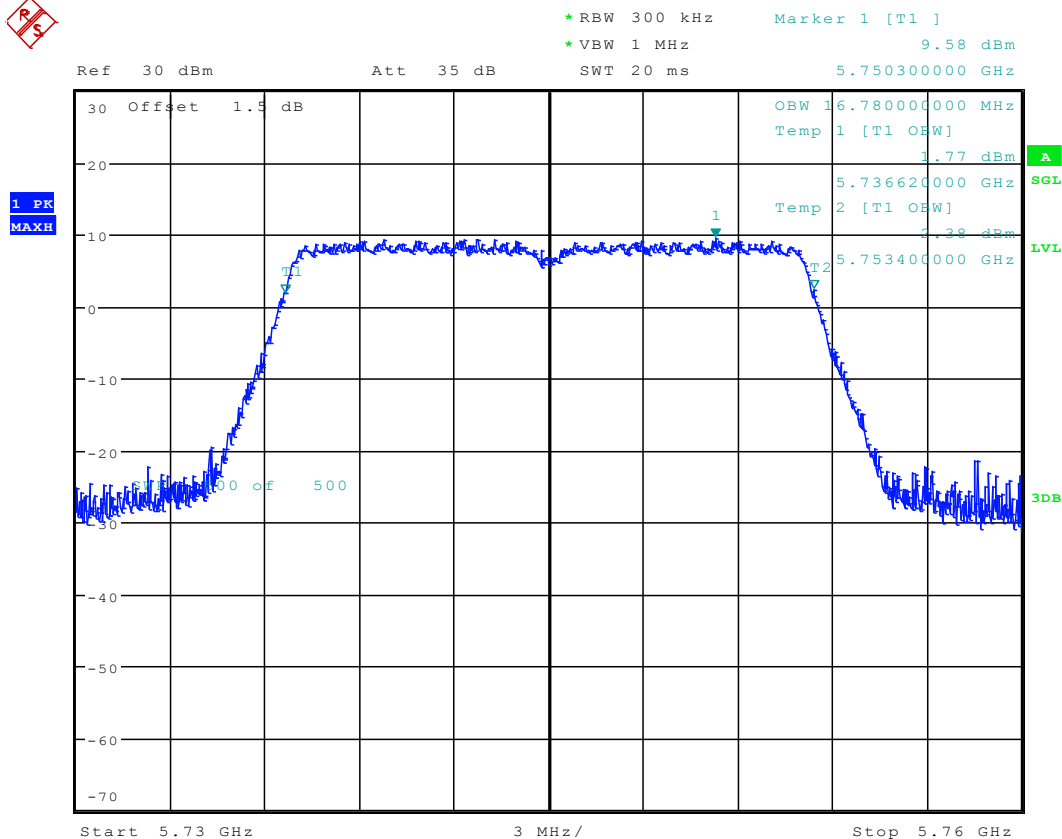
Date: 27.NOV.2017 14:15:32

6.7 11A20_144 ANT 1



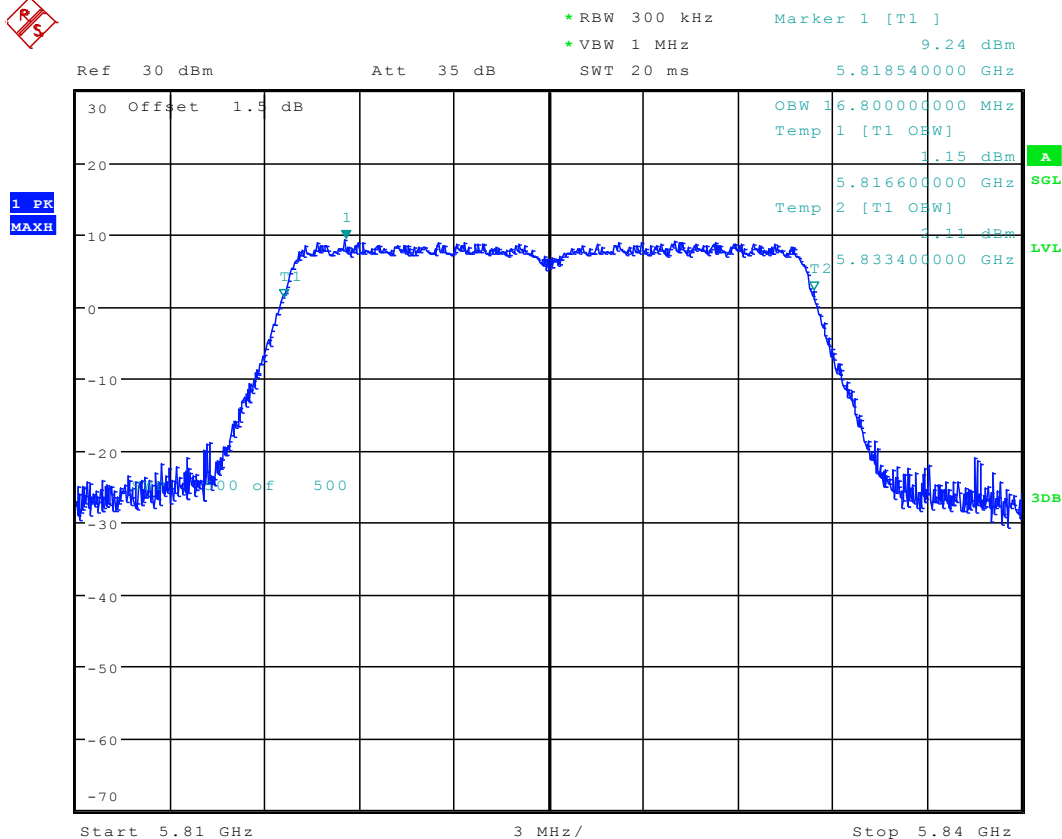
Date: 27.NOV.2017 14:20:23

6.8 11A20_149 ANT 1



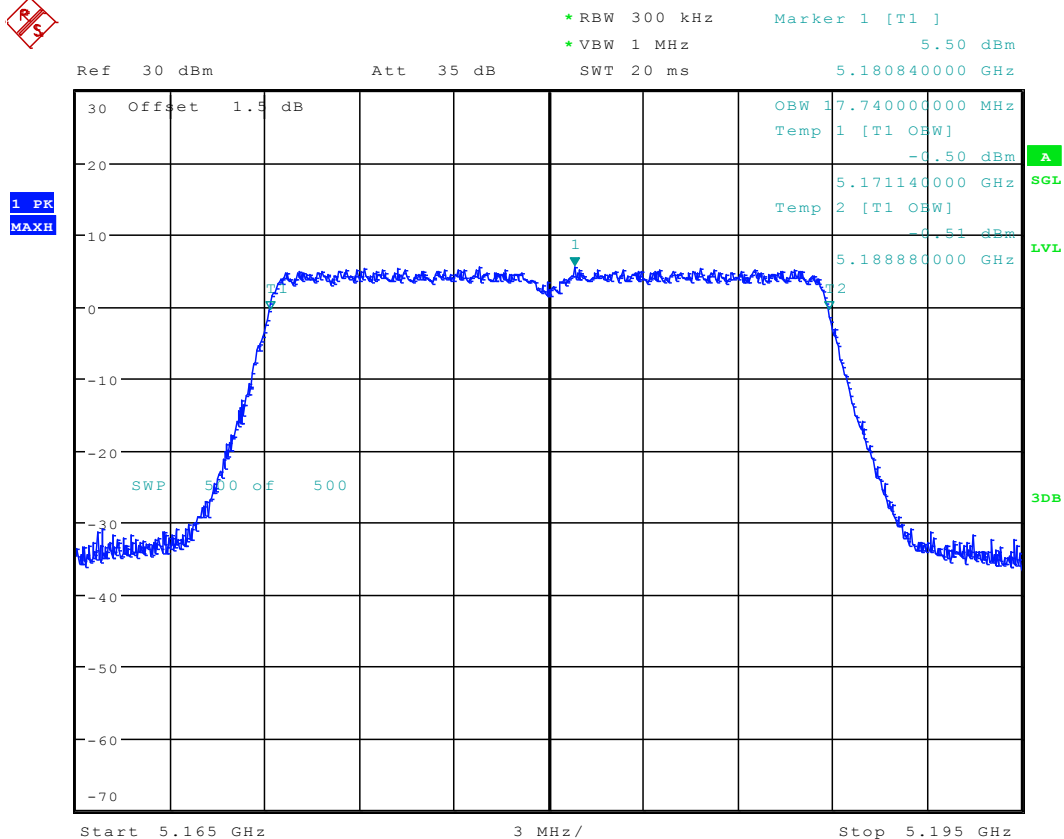
Date: 27.NOV.2017 14:26:23

6.9 11A20_165 ANT 1



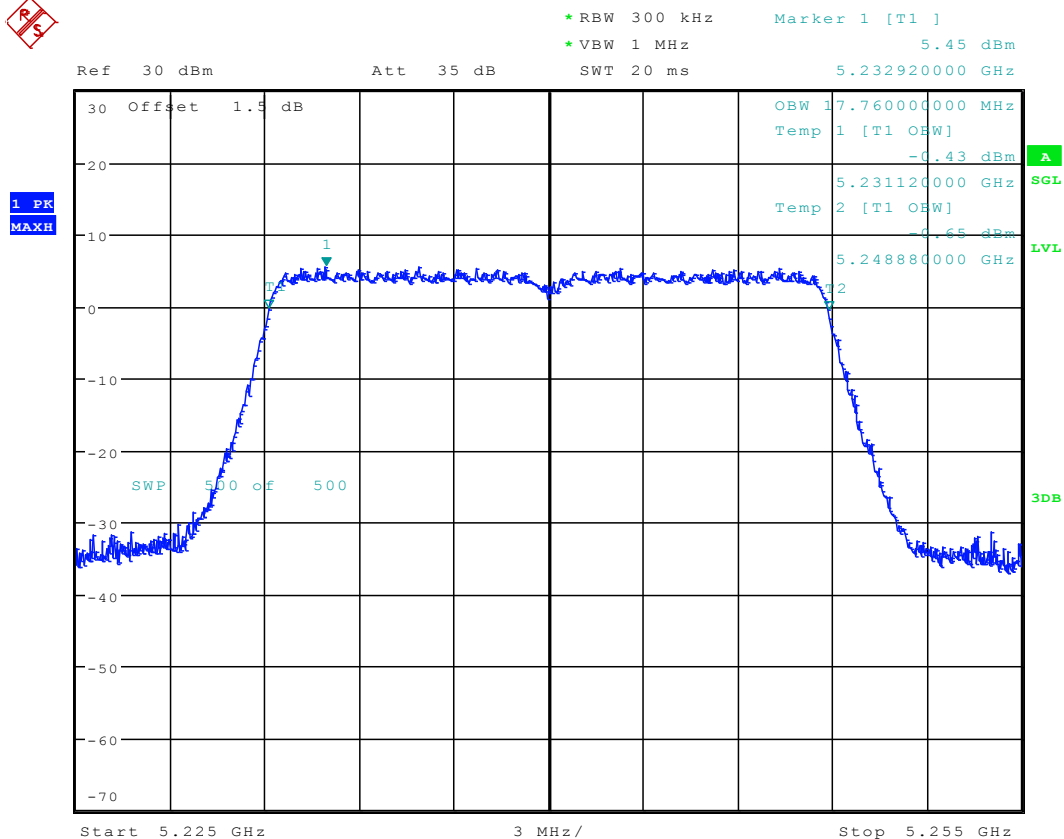
Date: 27.NOV.2017 14:30:23

6.10 11N20_36 ANT 1



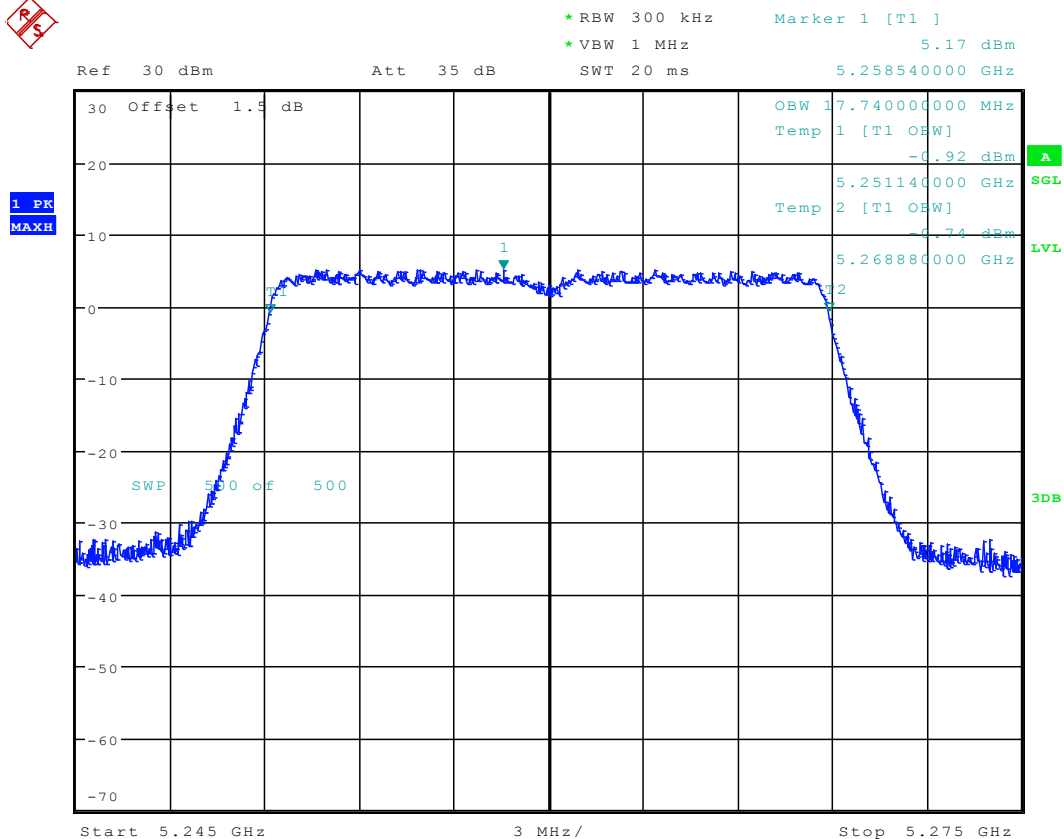
Date: 27.NOV.2017 14:42:22

6.11 11N20_48 ANT 1



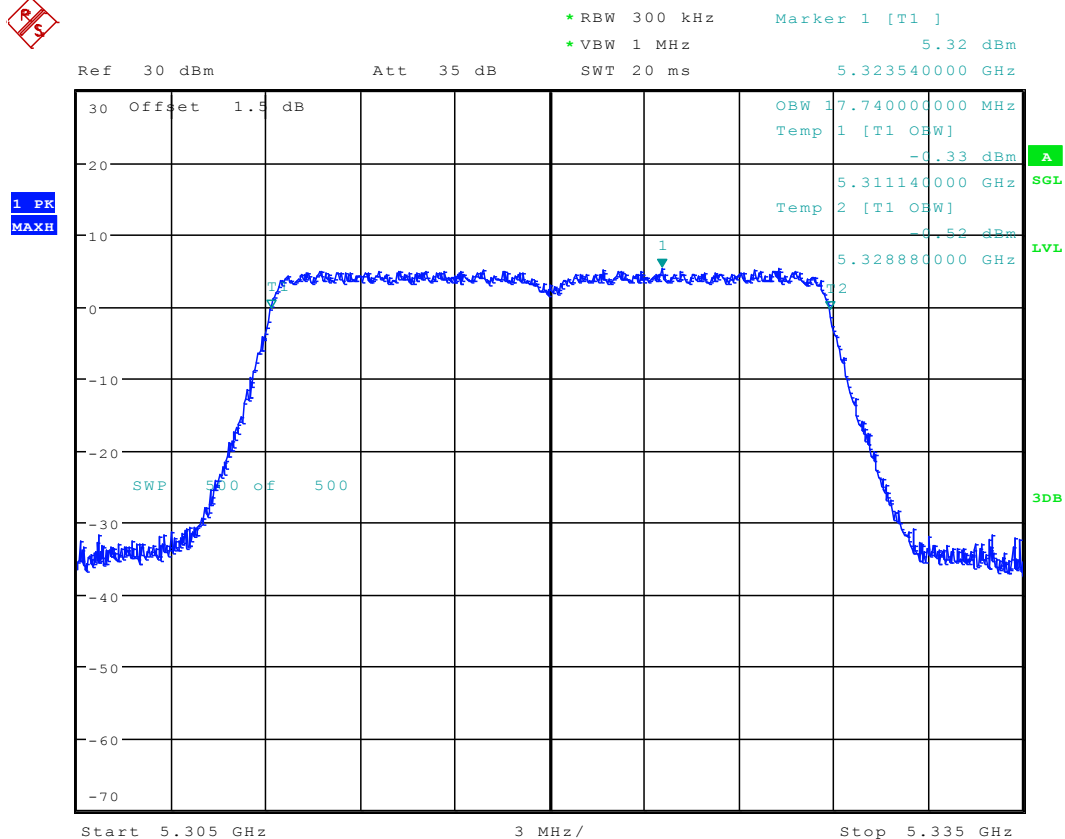
Date: 27.NOV.2017 14:47:50

6.12 11N20_52 ANT 1



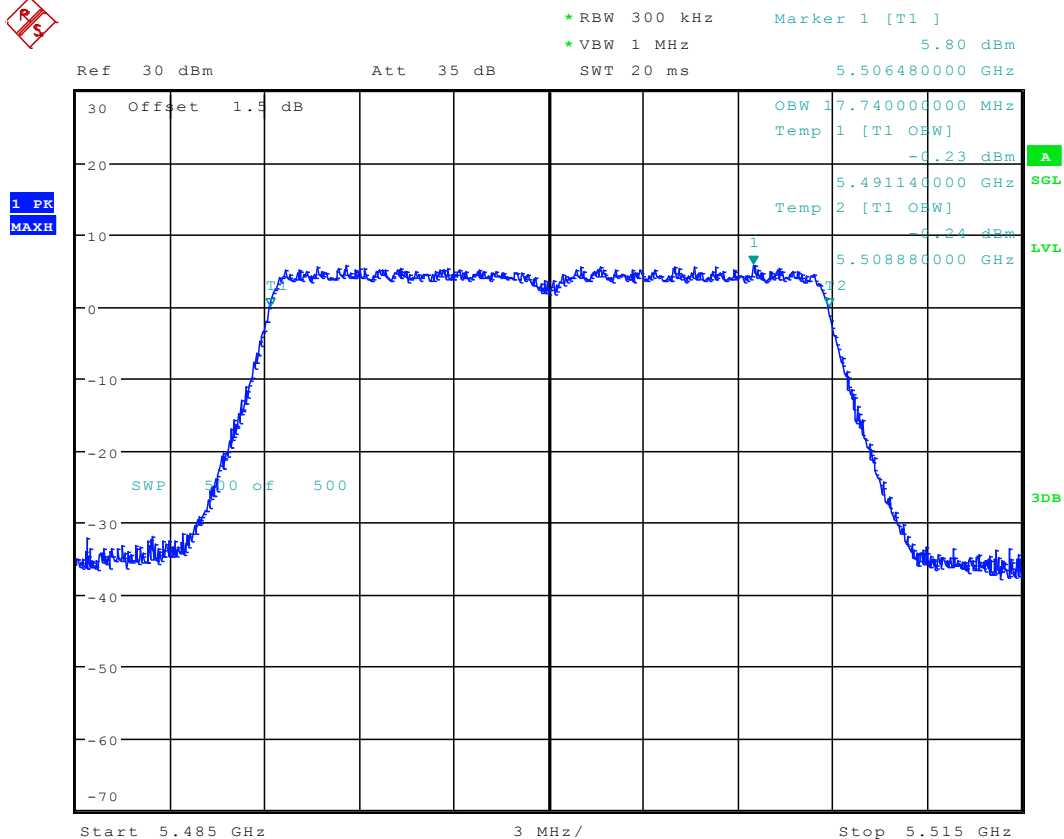
Date: 27.NOV.2017 14:58:55

6.13 11N20_64 ANT 1



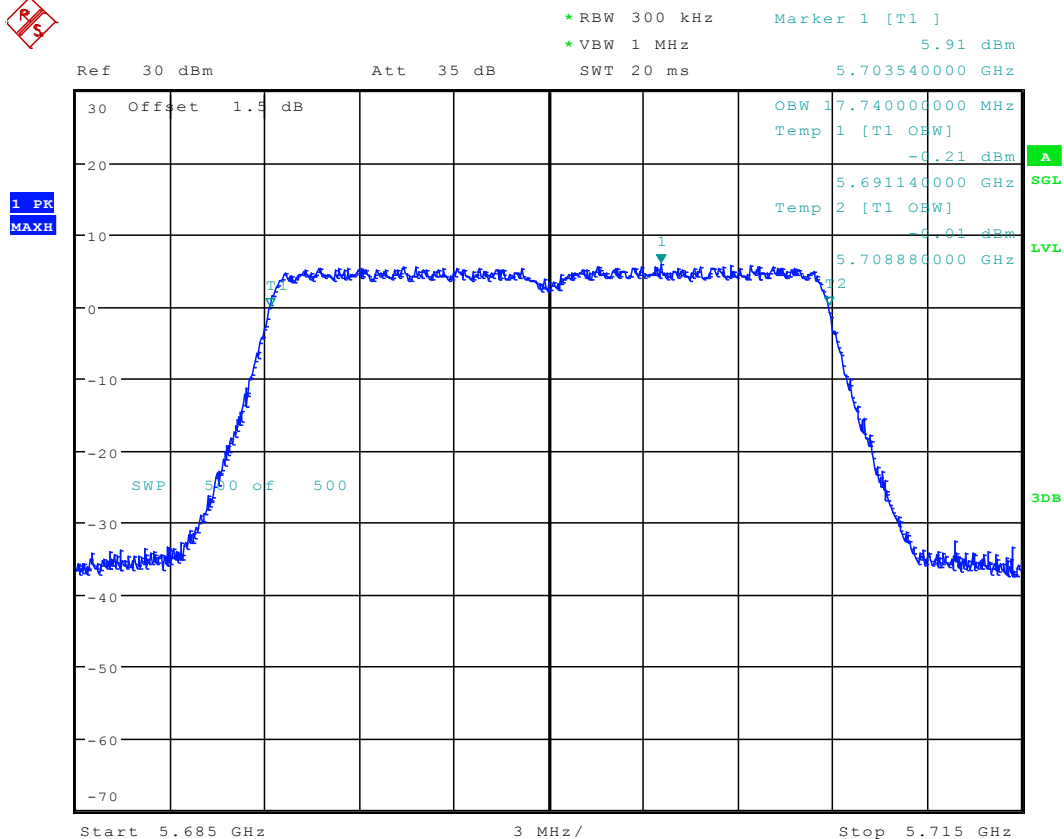
Date: 27.NOV.2017 15:23:01

6.14 11N20_100 ANT 1



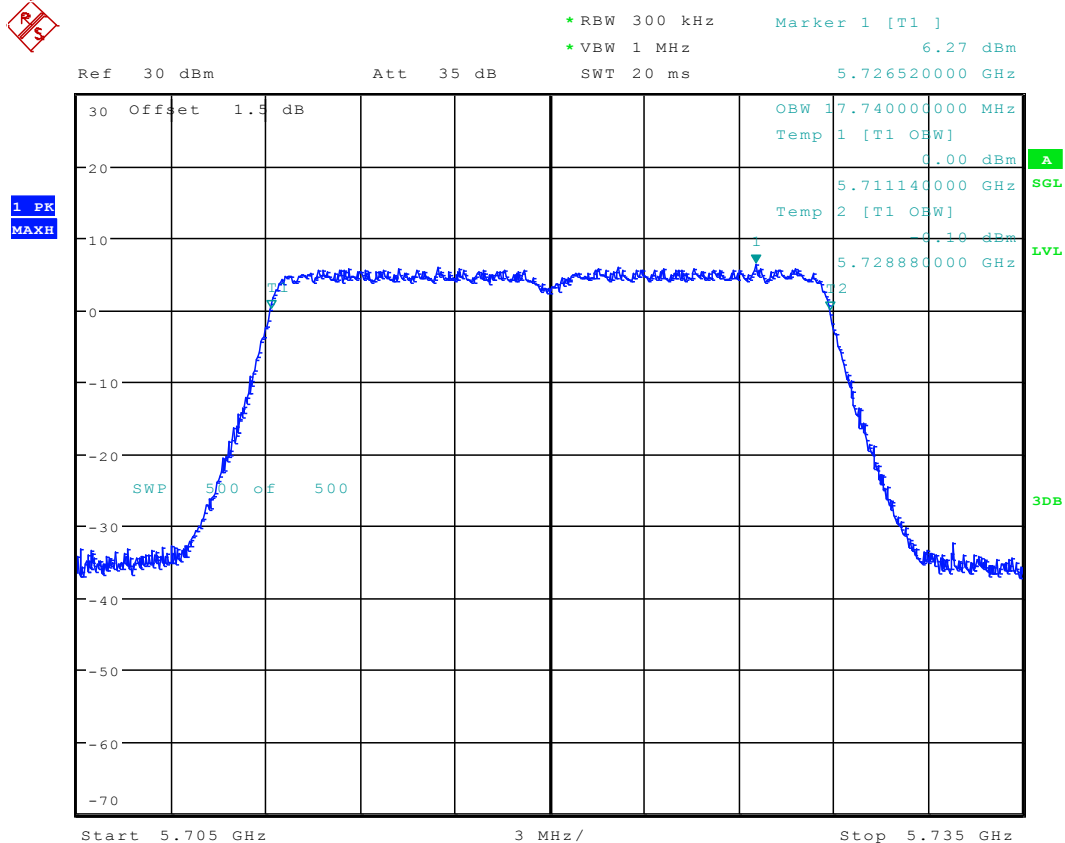
Date: 27.NOV.2017 15:28:33

6.15 11N20_140 ANT 1



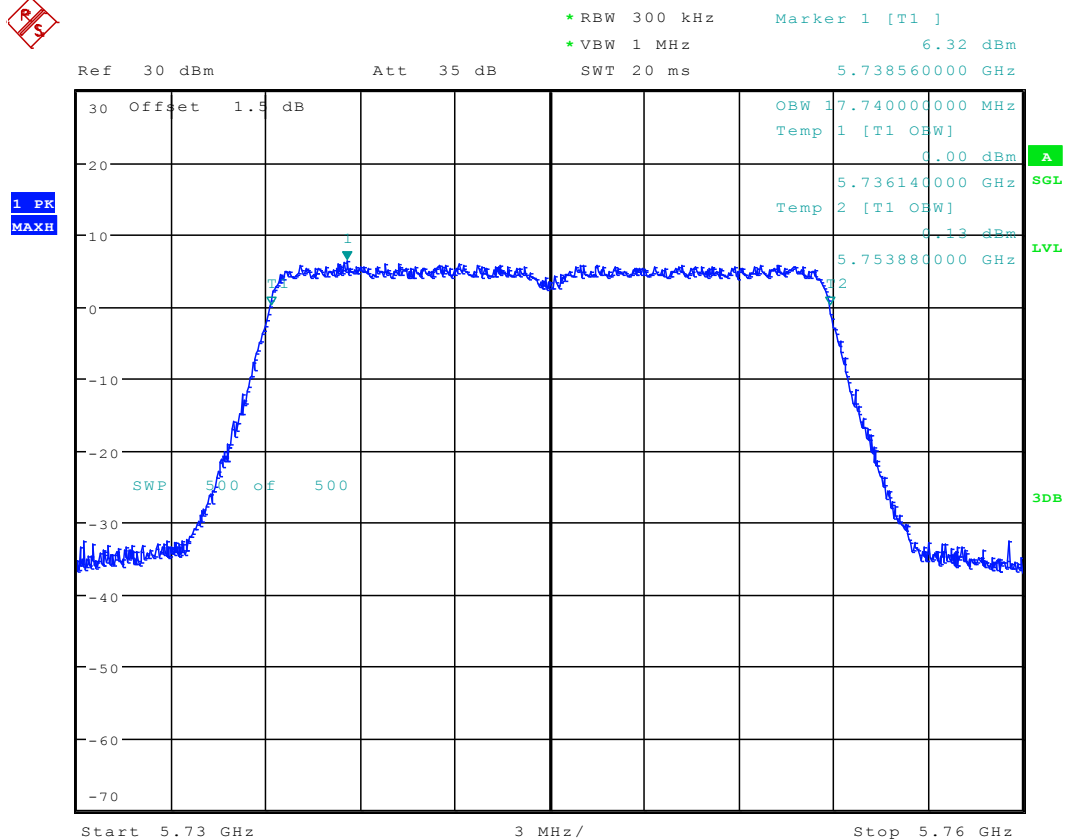
Date: 27.NOV.2017 15:33:23

6.16 11N20_144 ANT 1



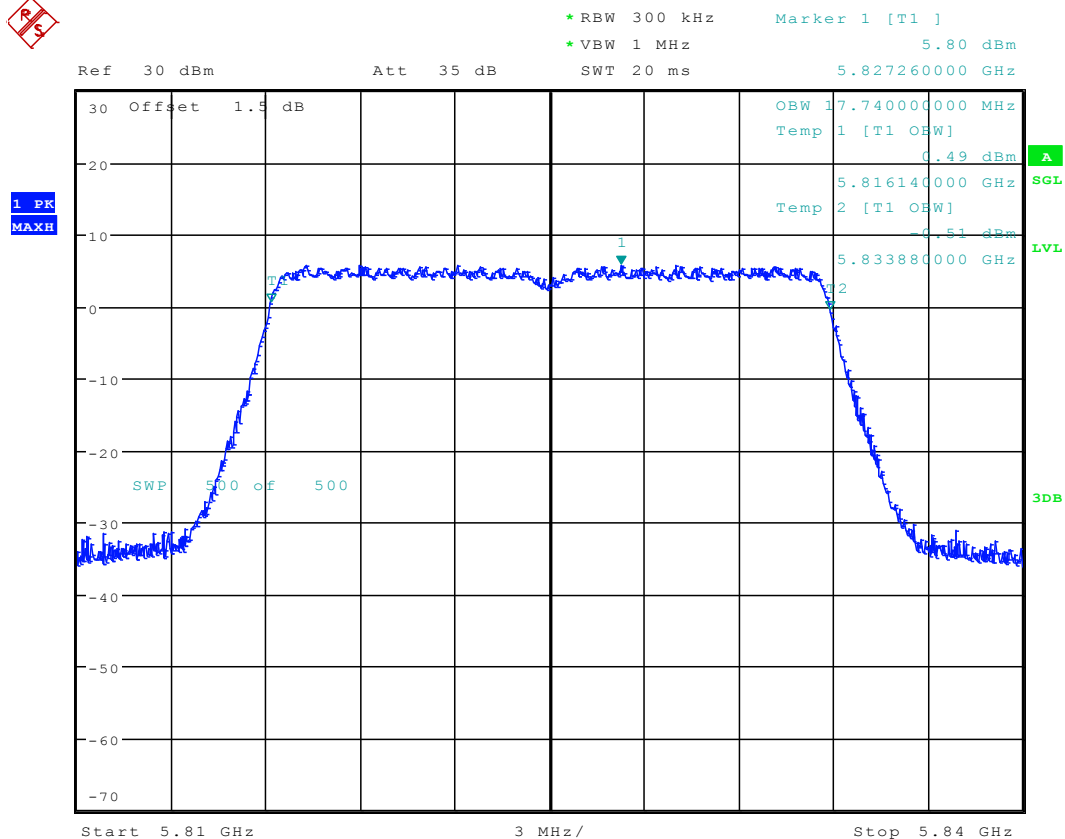
Date: 27.NOV.2017 15:42:39

6.17 11N20_149 ANT 1



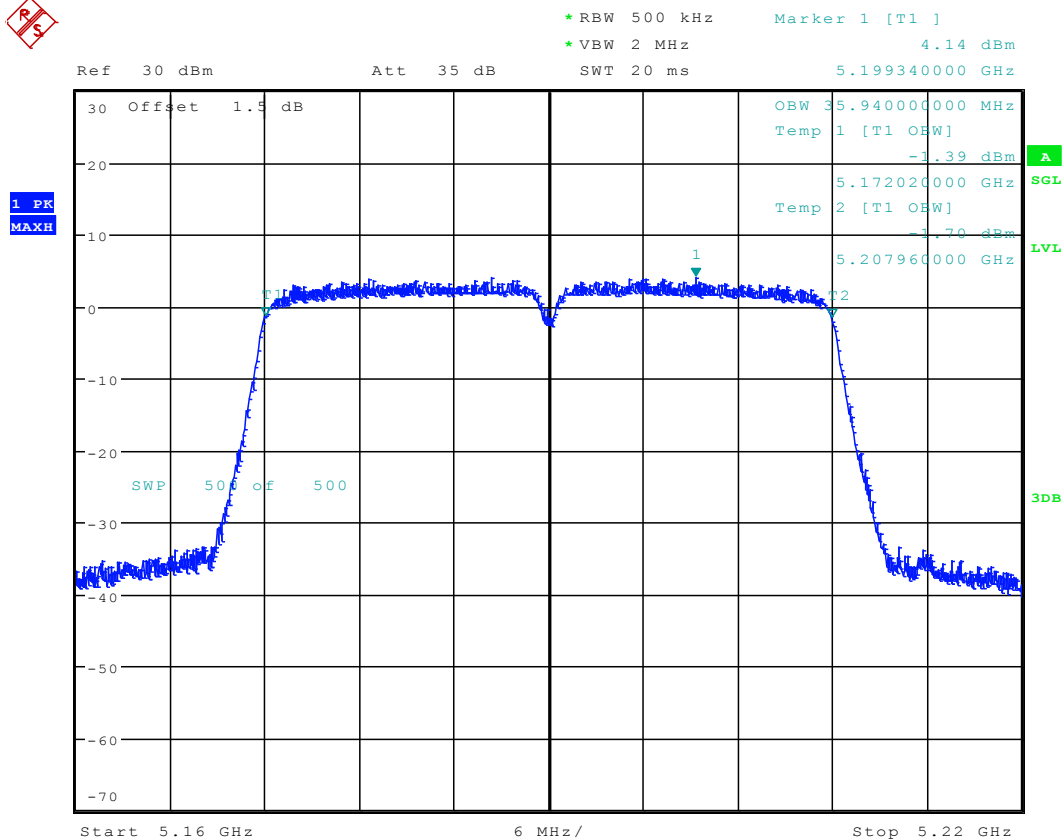
Date: 27.NOV.2017 15:46:05

6.18 11N20_165 ANT 1

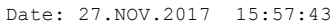
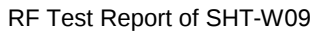


Date: 27.NOV.2017 15:49:03

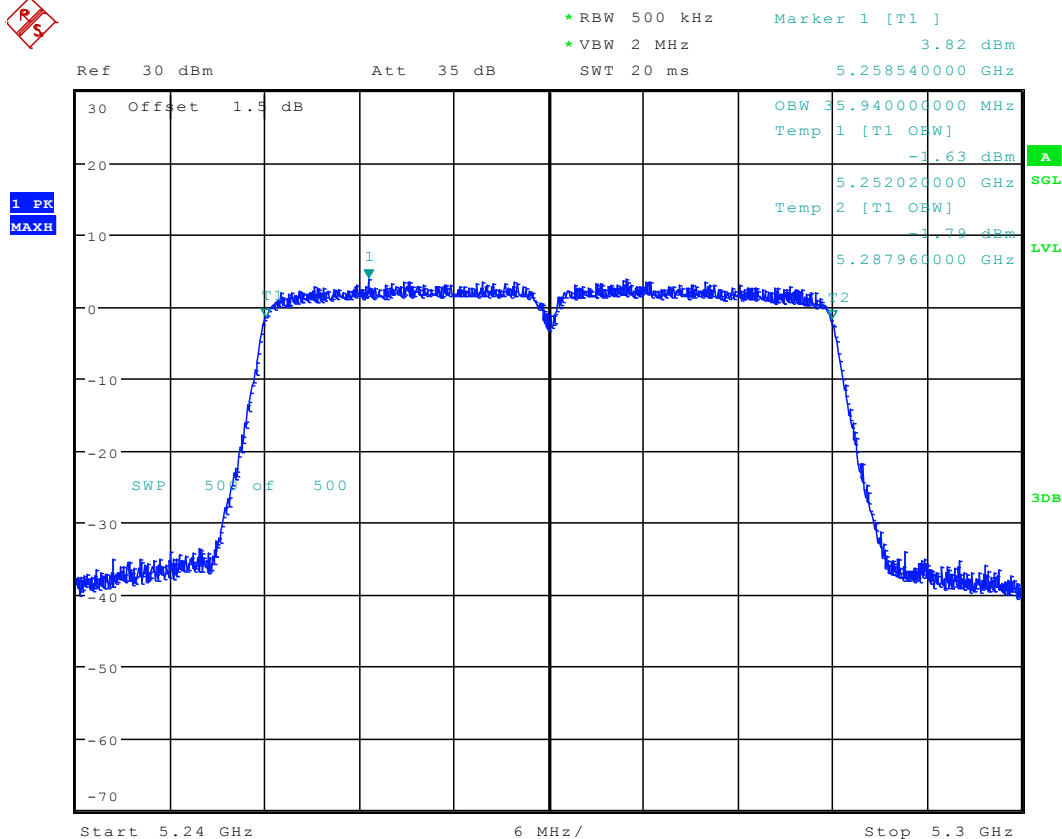
6.19 11N40_38 ANT 1



Date: 27.NOV.2017 15:55:02

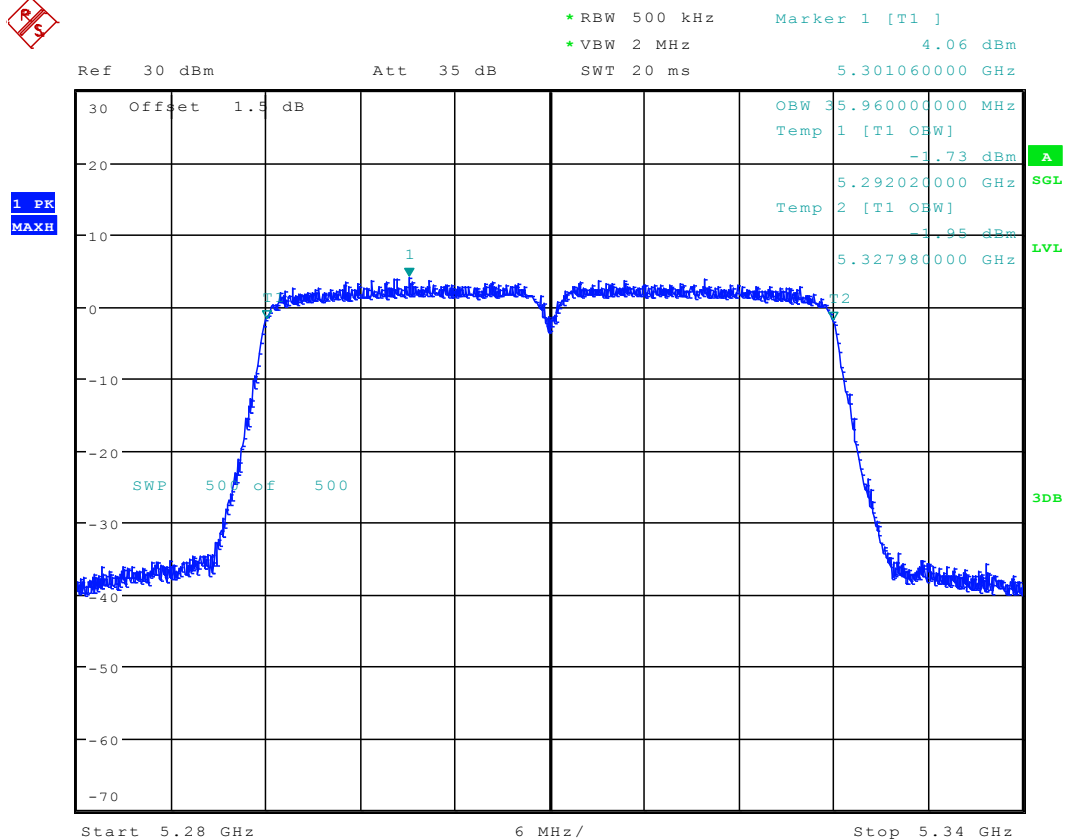


6.21 11N40_54 ANT 1



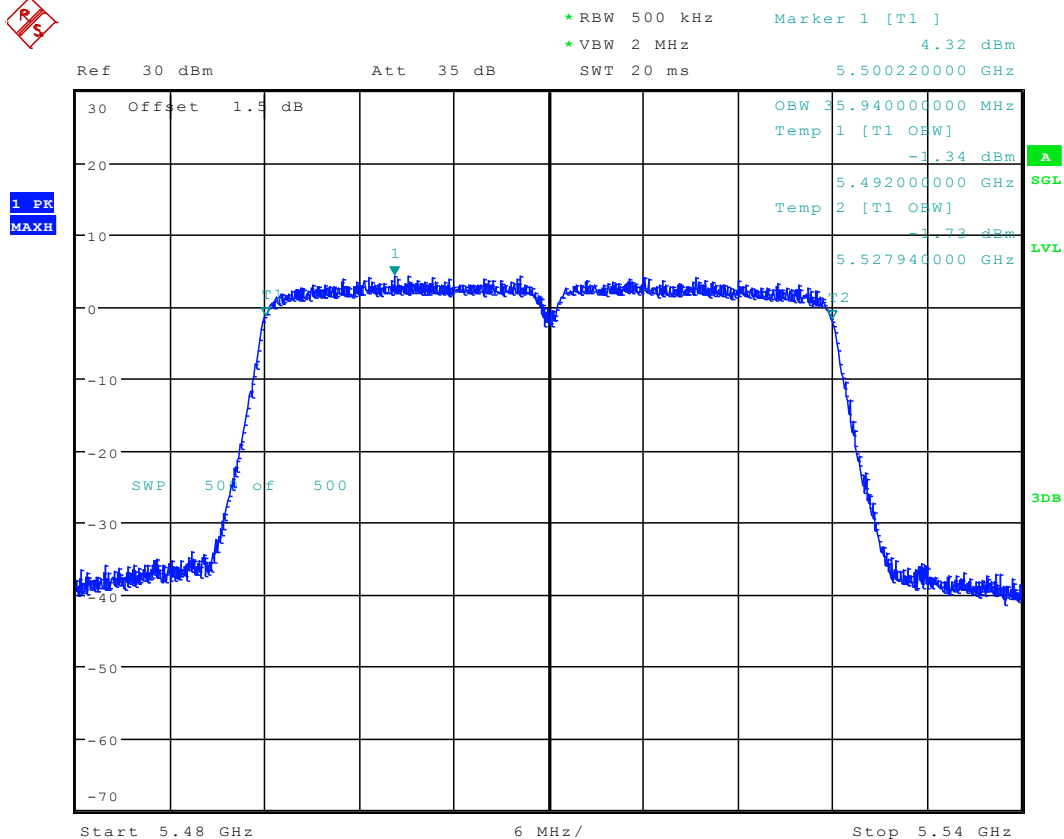
Date: 27.NOV.2017 16:00:57

6.22 11N40_62 ANT 1



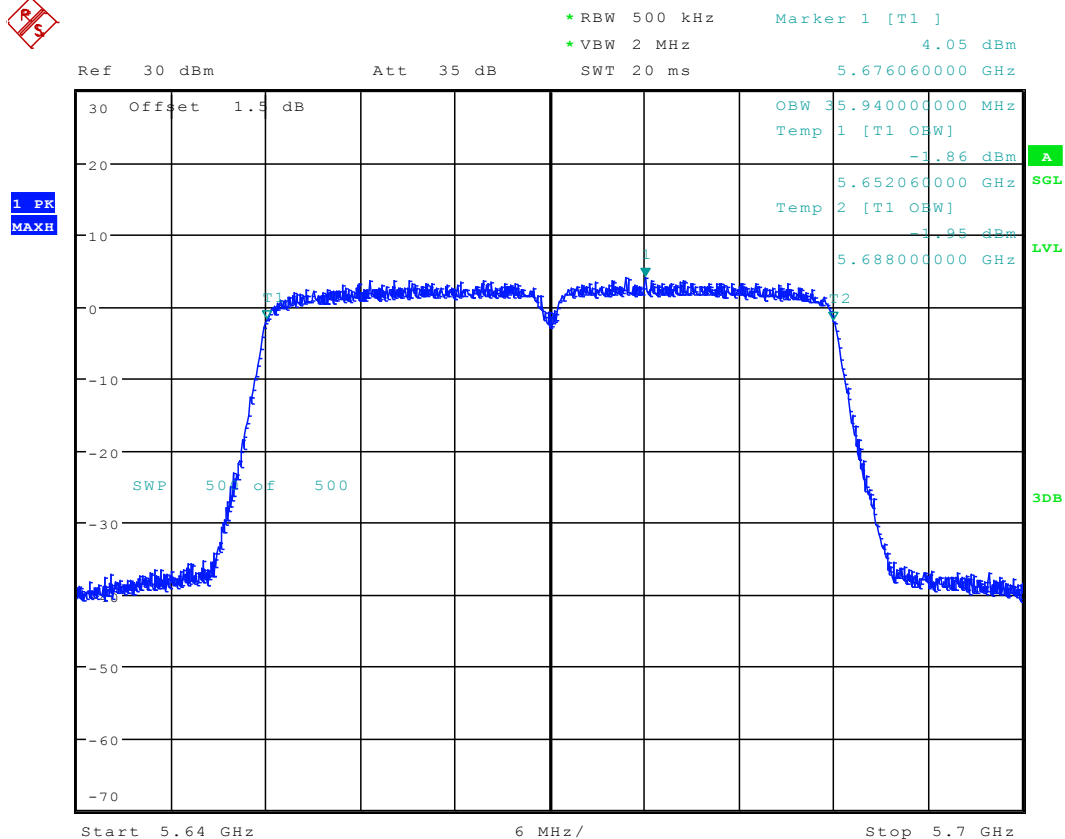
Date: 27.NOV.2017 16:04:15

6.23 11N40_102 ANT 1



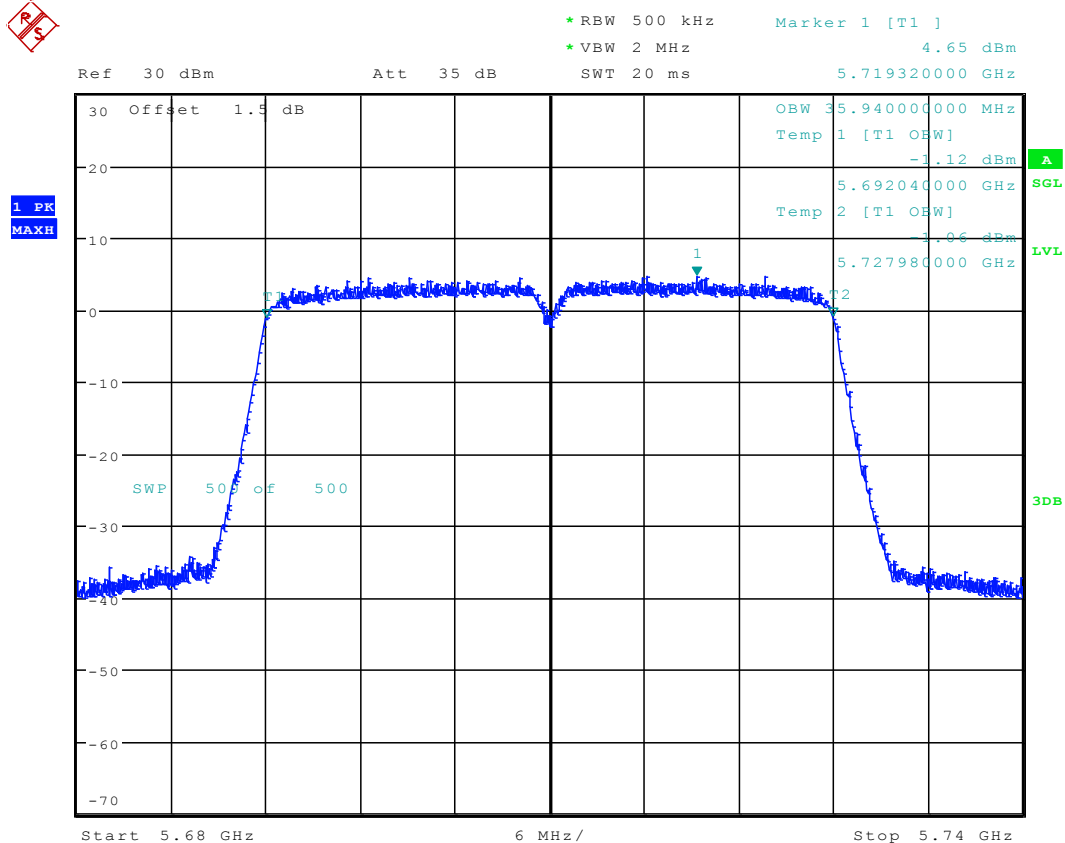
Date: 27.NOV.2017 16:07:44

6.24 11N40_134 ANT 1



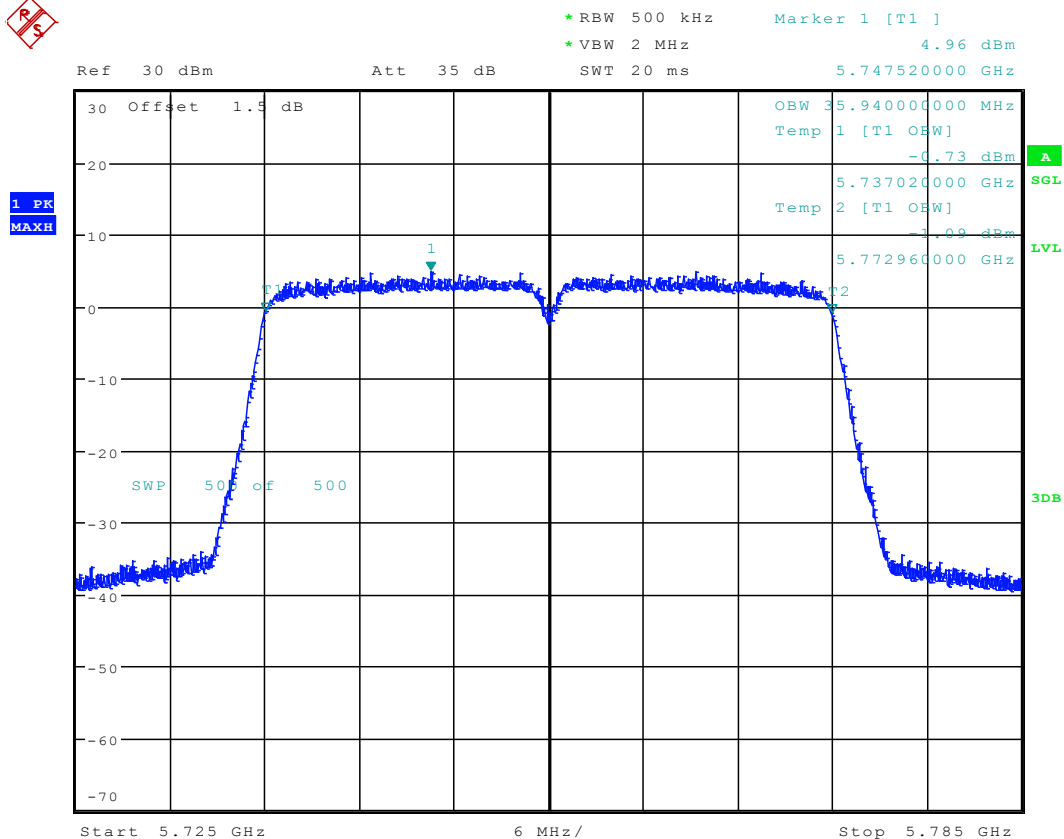
Date: 27.NOV.2017 16:12:22

6.25 11N40_142 ANT 1



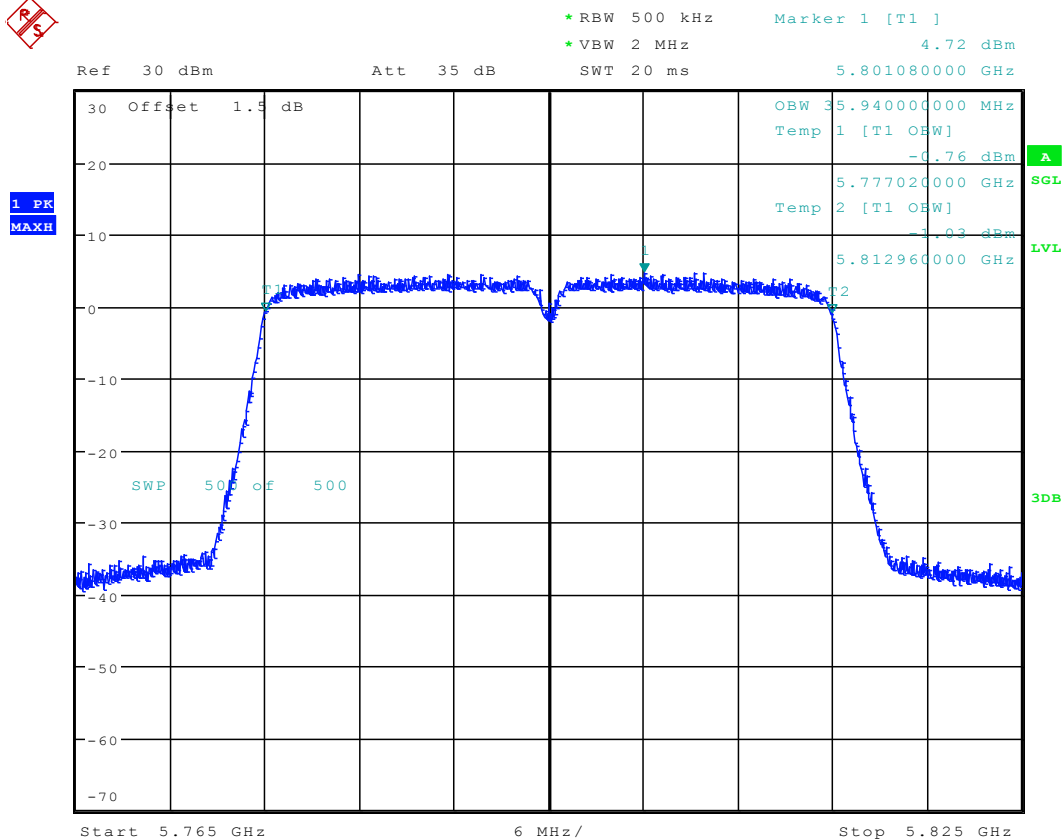
Date: 27.NOV.2017 16:17:24

6.26 11N40_151 ANT 1



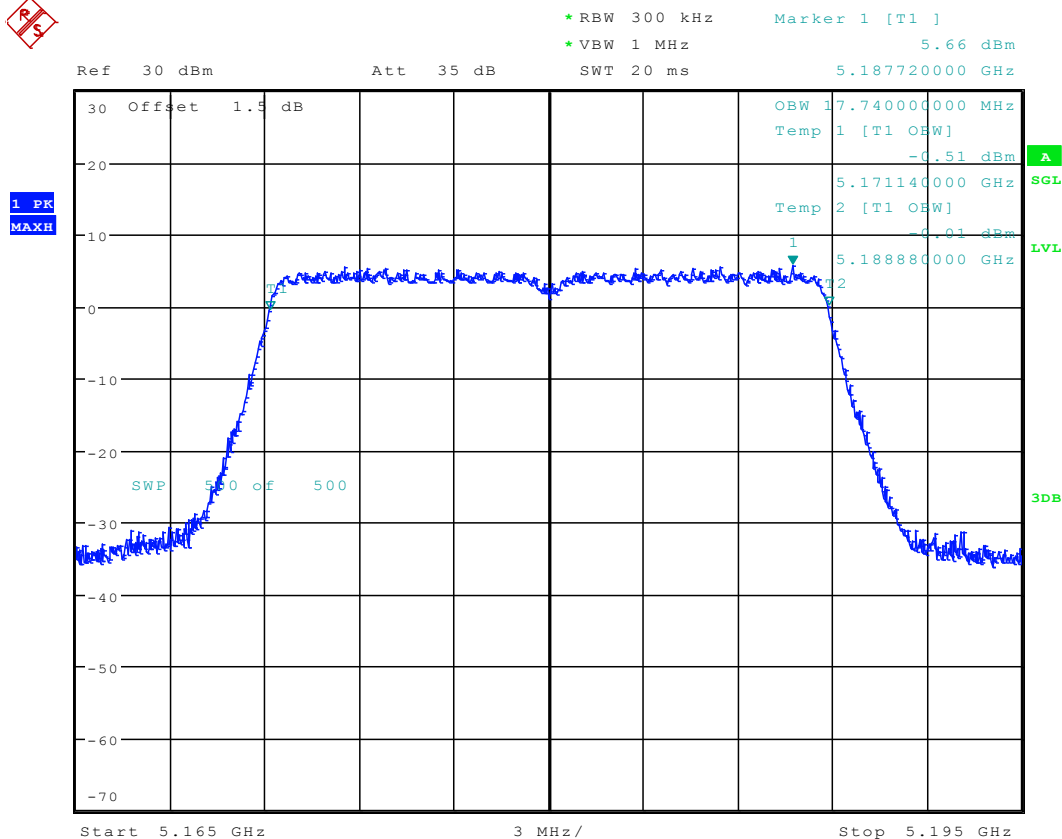
Date: 27.NOV.2017 16:20:27

6.27 11N40_159 ANT 1



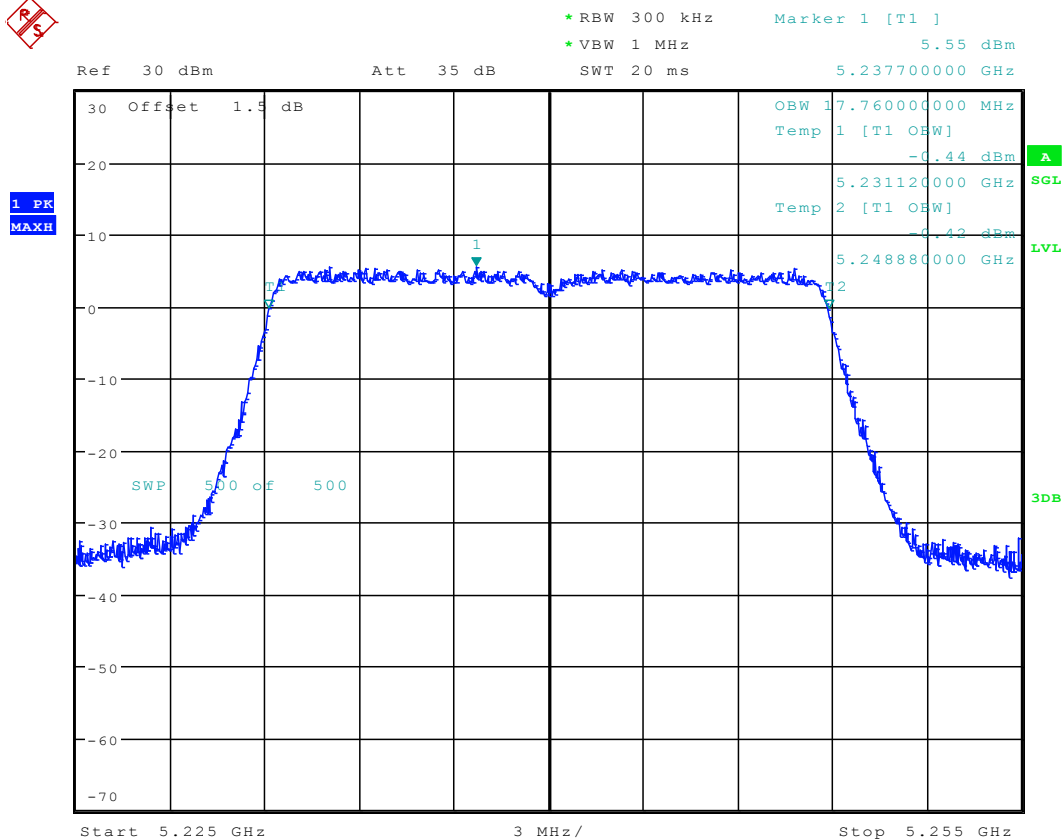
Date: 27.NOV.2017 16:25:58

6.28 11AC20_36 ANT 1



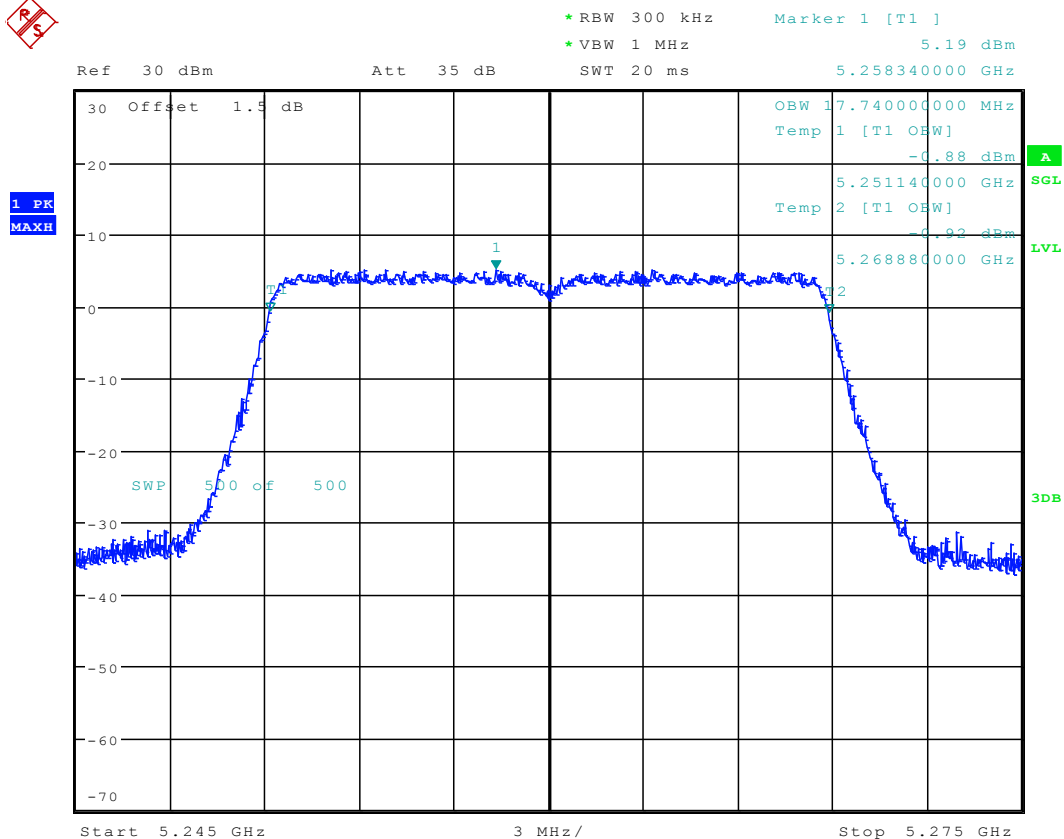
Date: 27.NOV.2017 16:31:32

6.29 11AC20_48 ANT 1



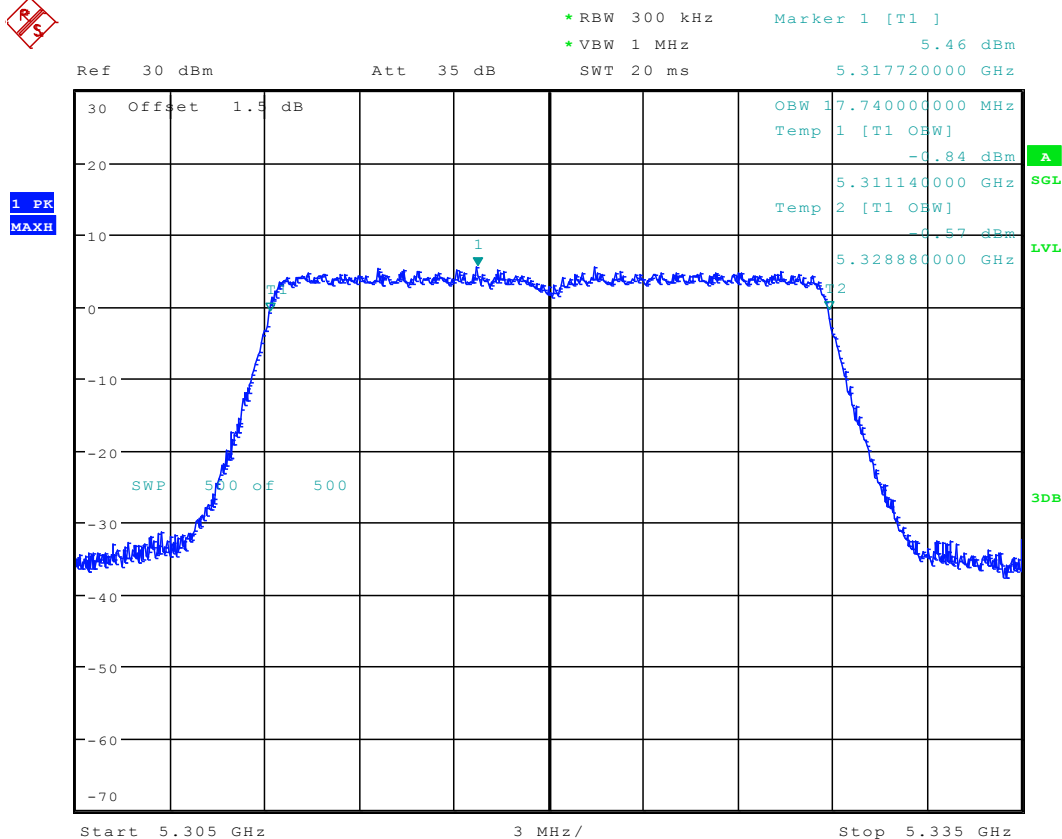
Date: 27.NOV.2017 16:34:22

6.30 11AC20_52 ANT 1



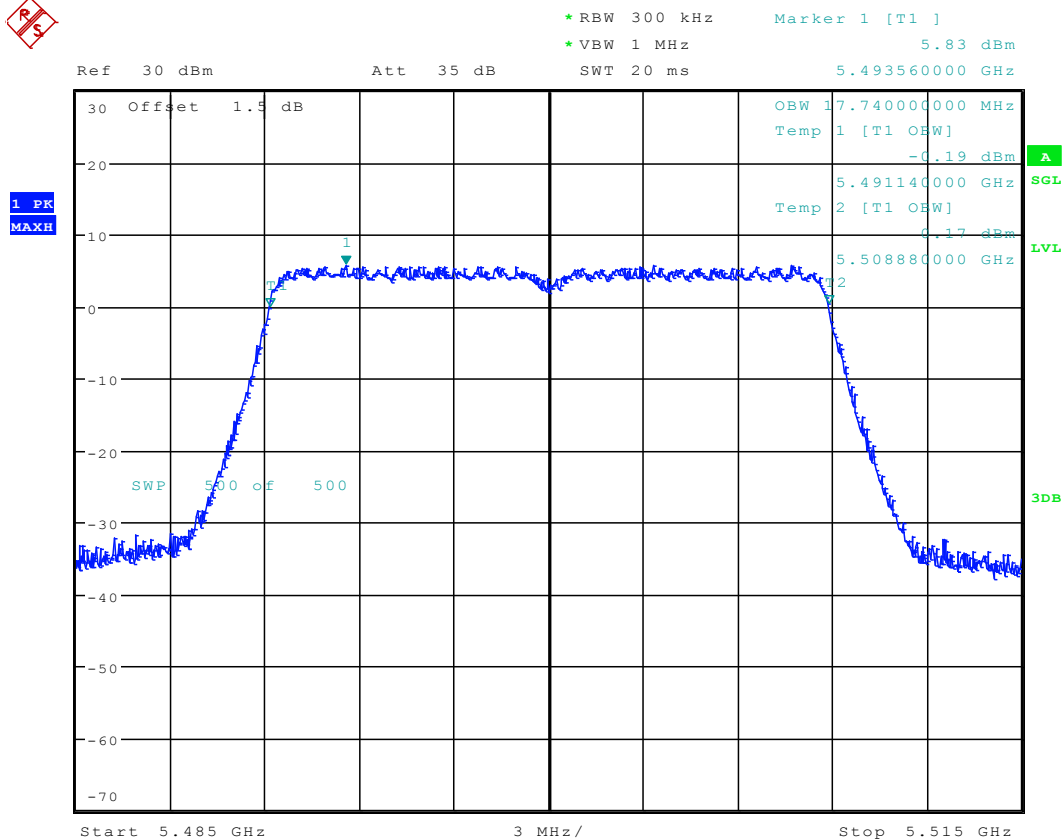
Date: 27.NOV.2017 16:37:47

6.31 11AC20_64 ANT 1



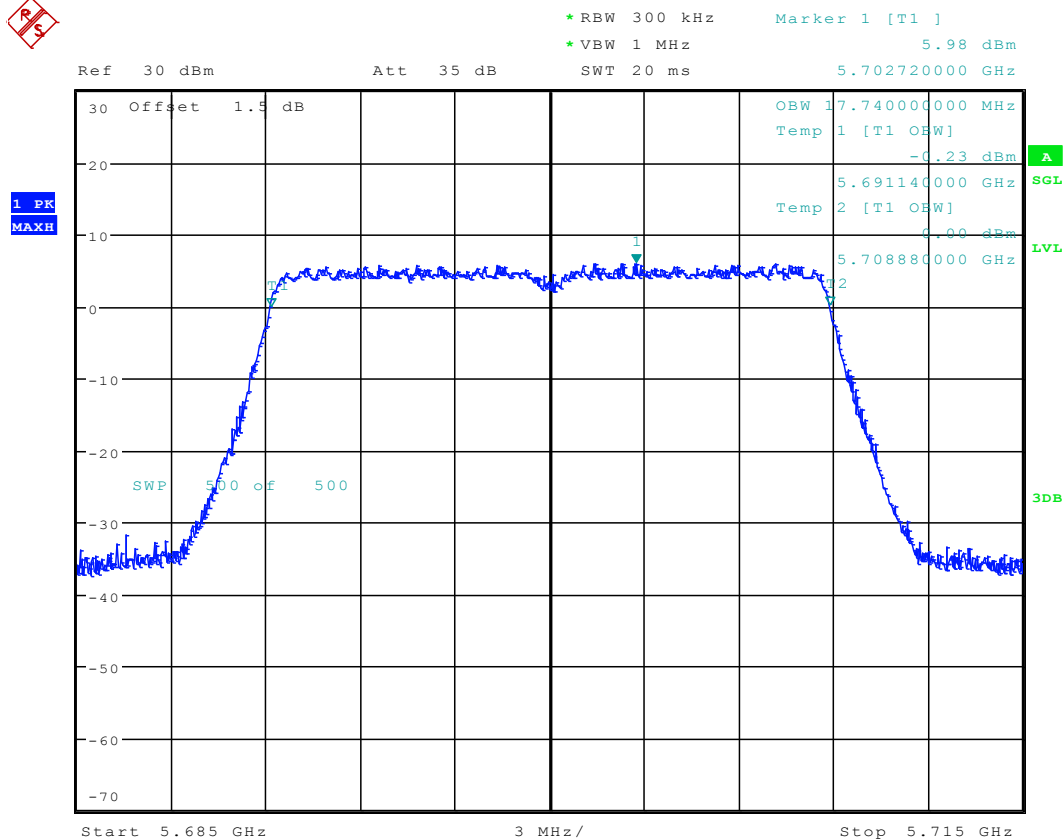
Date: 27.NOV.2017 16:43:39

6.32 11AC20_100 ANT 1



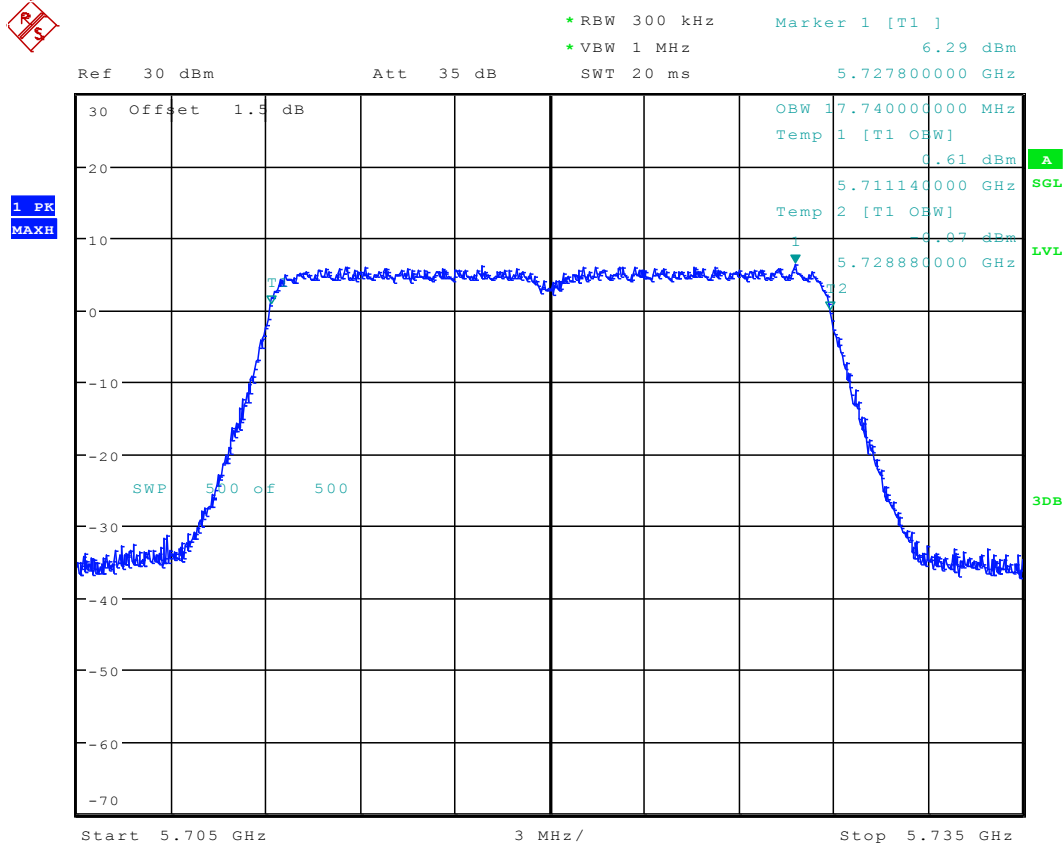
Date: 27.NOV.2017 17:38:07

6.33 11AC20_140 ANT 1



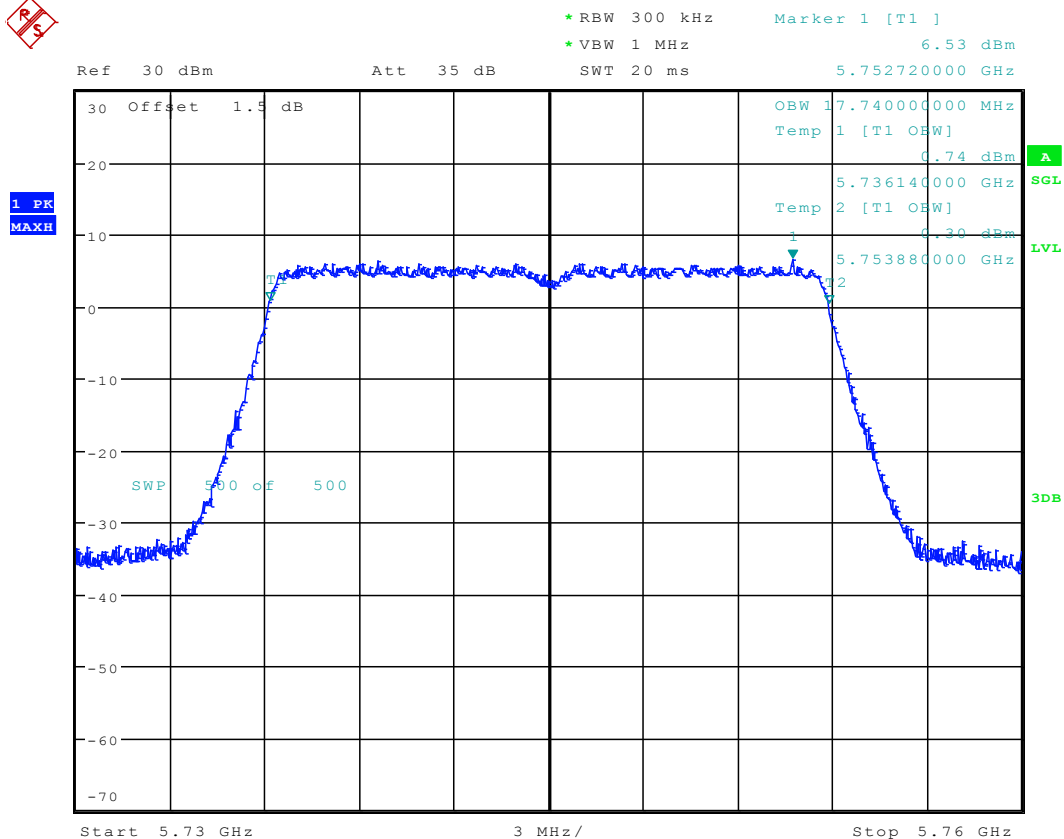
Date: 27.NOV.2017 17:42:16

6.34 11AC20_144 ANT 1



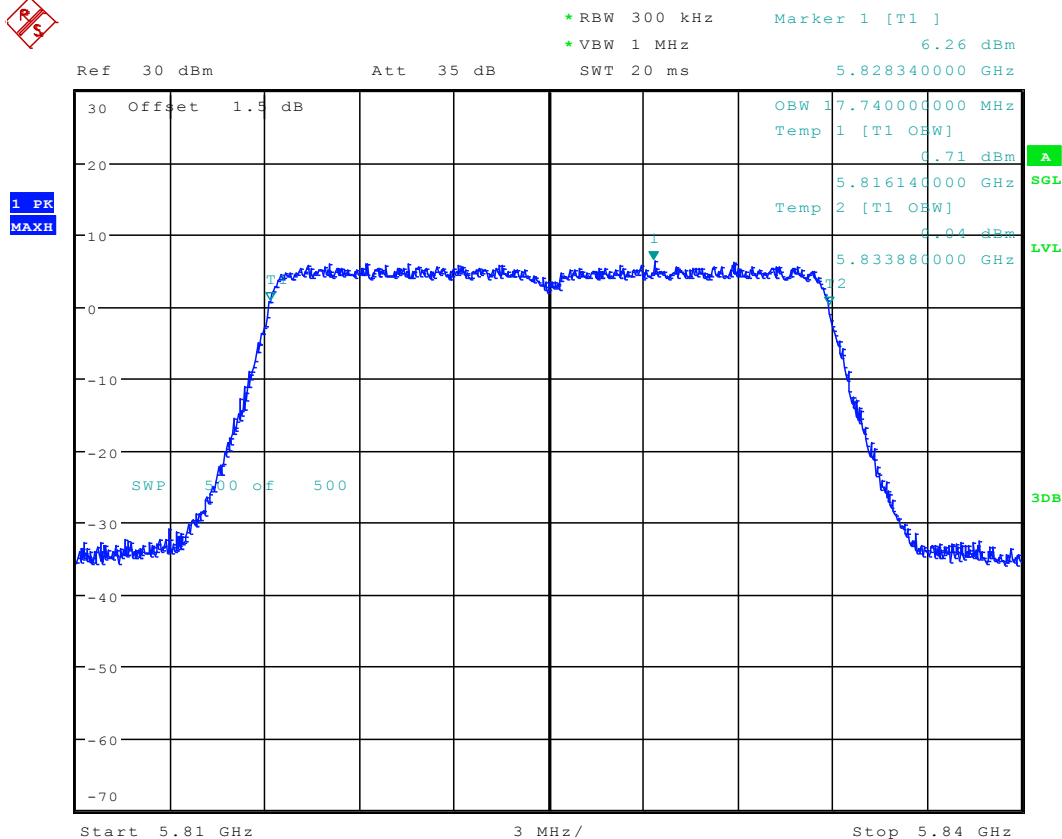
Date: 27.NOV.2017 17:45:13

6.35 11AC20_149 ANT 1



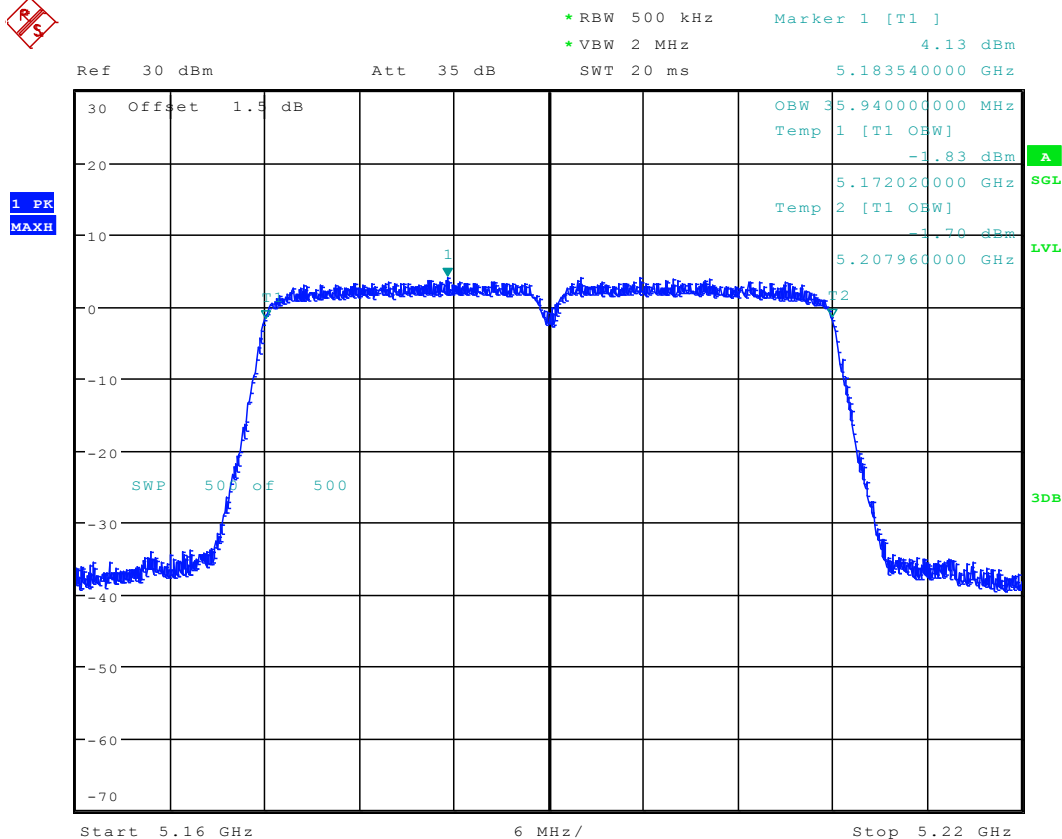
Date: 27.NOV.2017 17:51:36

6.36 11AC20_165 ANT 1



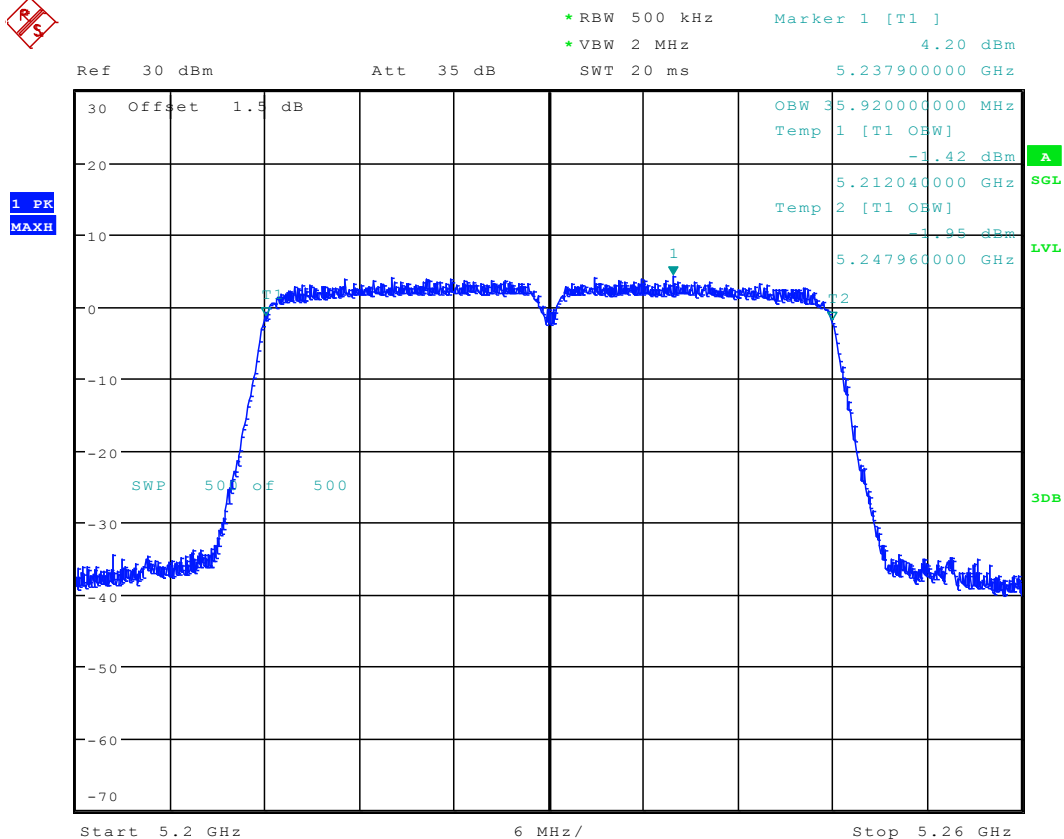
Date: 27.NOV.2017 17:58:57

6.37 11AC40_38 ANT 1



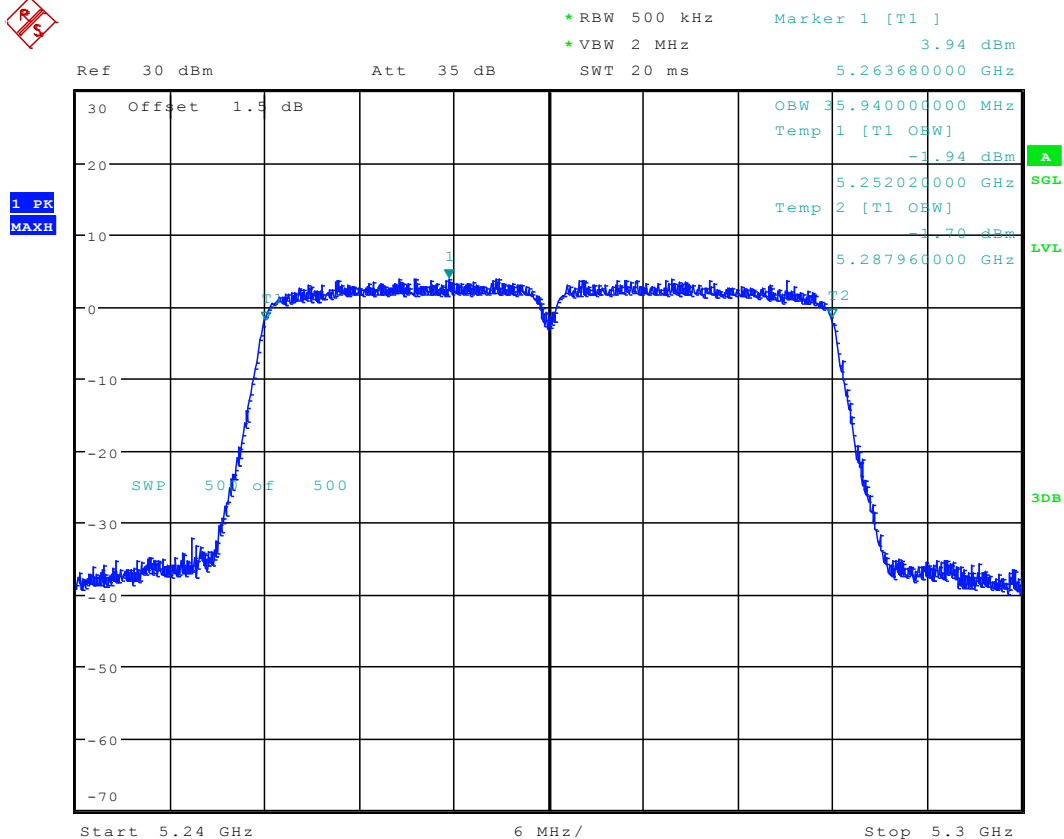
Date: 27.NOV.2017 18:05:33

6.38 11AC40_46 ANT 1



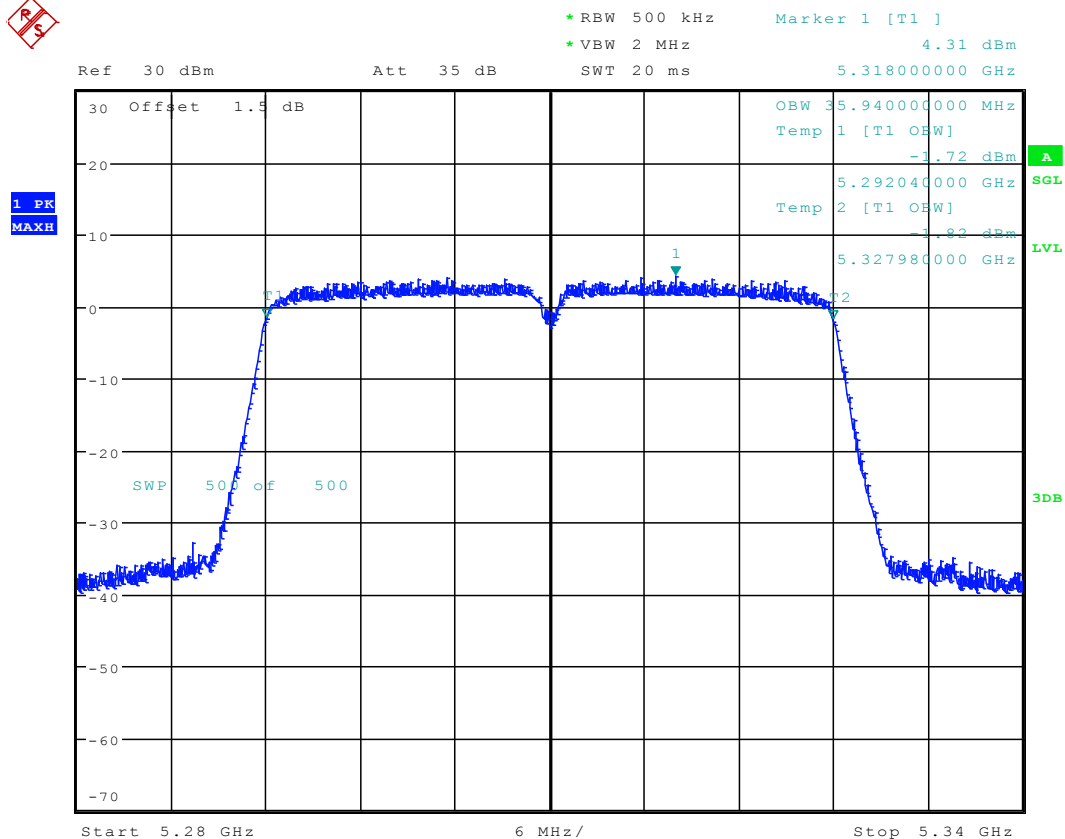
Date: 27.NOV.2017 18:10:04

6.39 11AC40_54 ANT 1



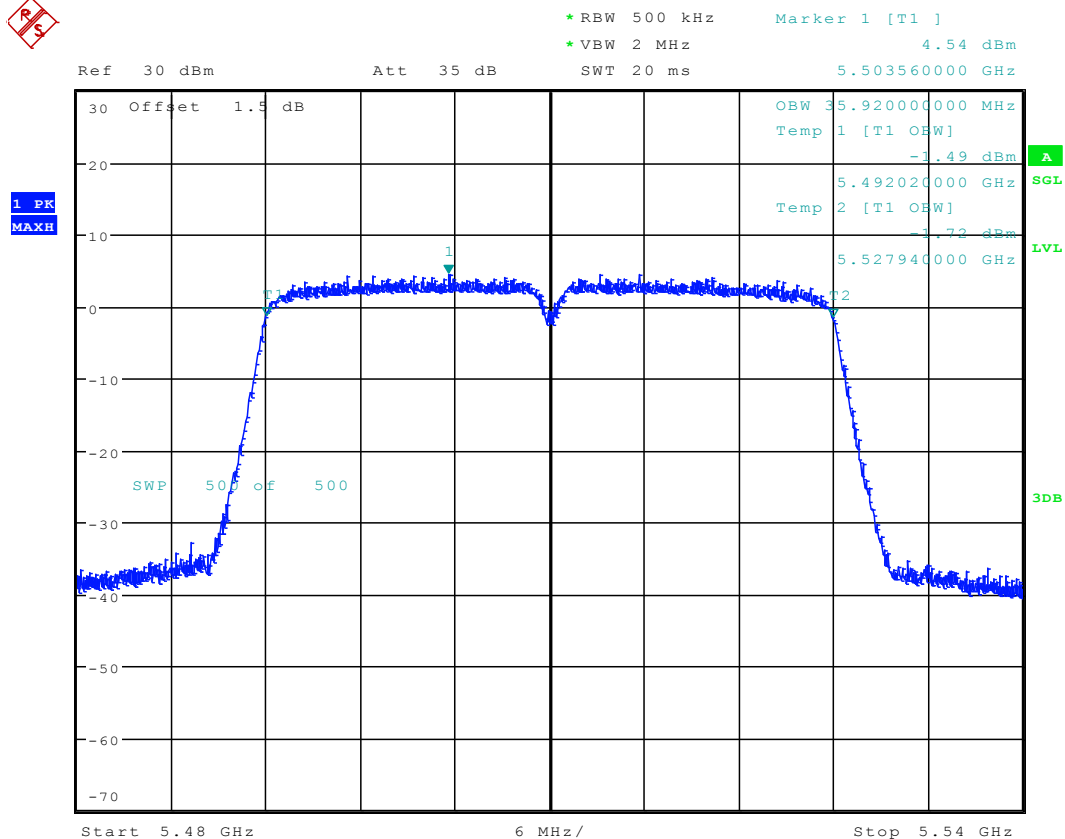
Date: 27.NOV.2017 18:29:02

6.40 11AC40_62 ANT 1



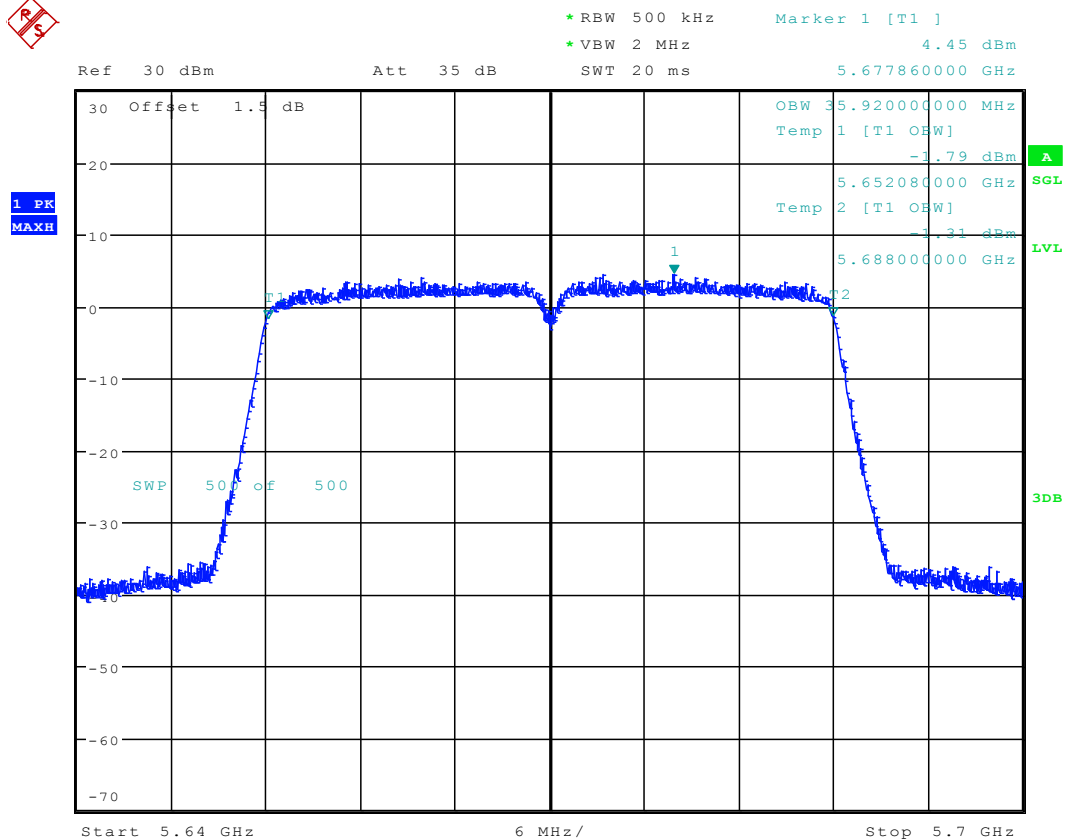
Date: 27.NOV.2017 18:33:49

6.41 11AC40_102 ANT 1



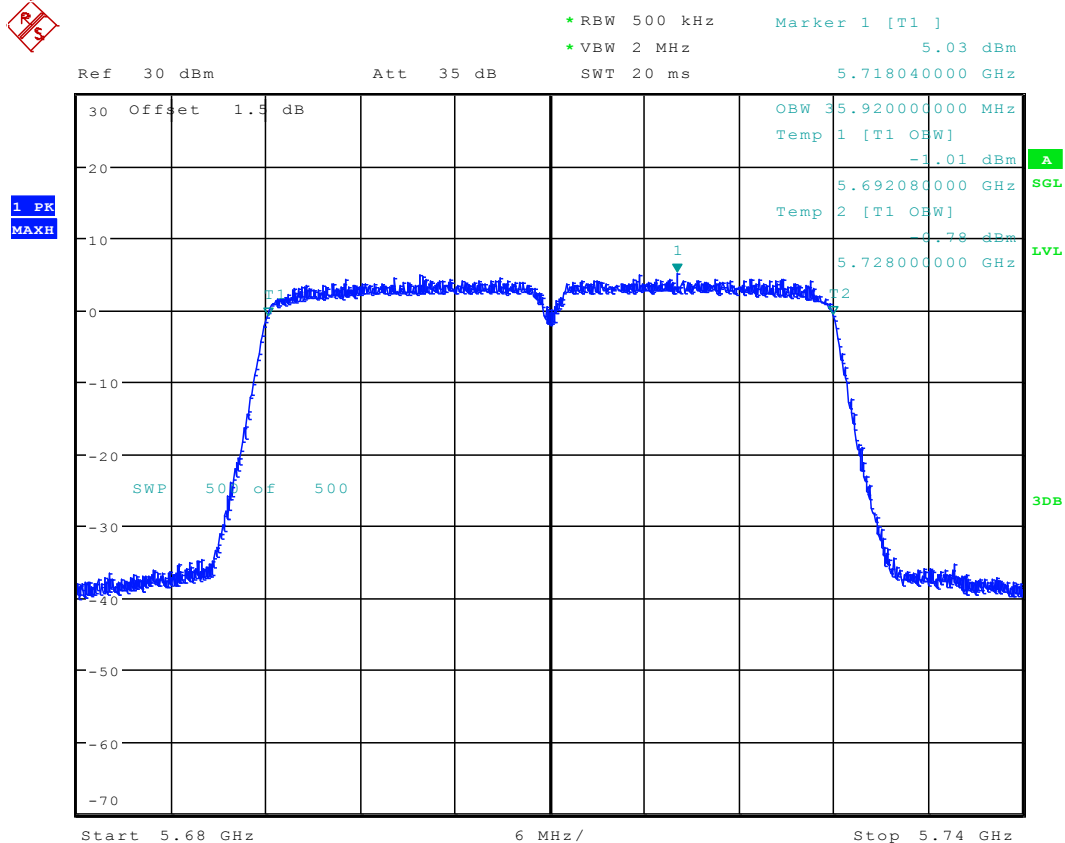
Date: 27.NOV.2017 18:37:21

6.42 11AC40_134 ANT 1



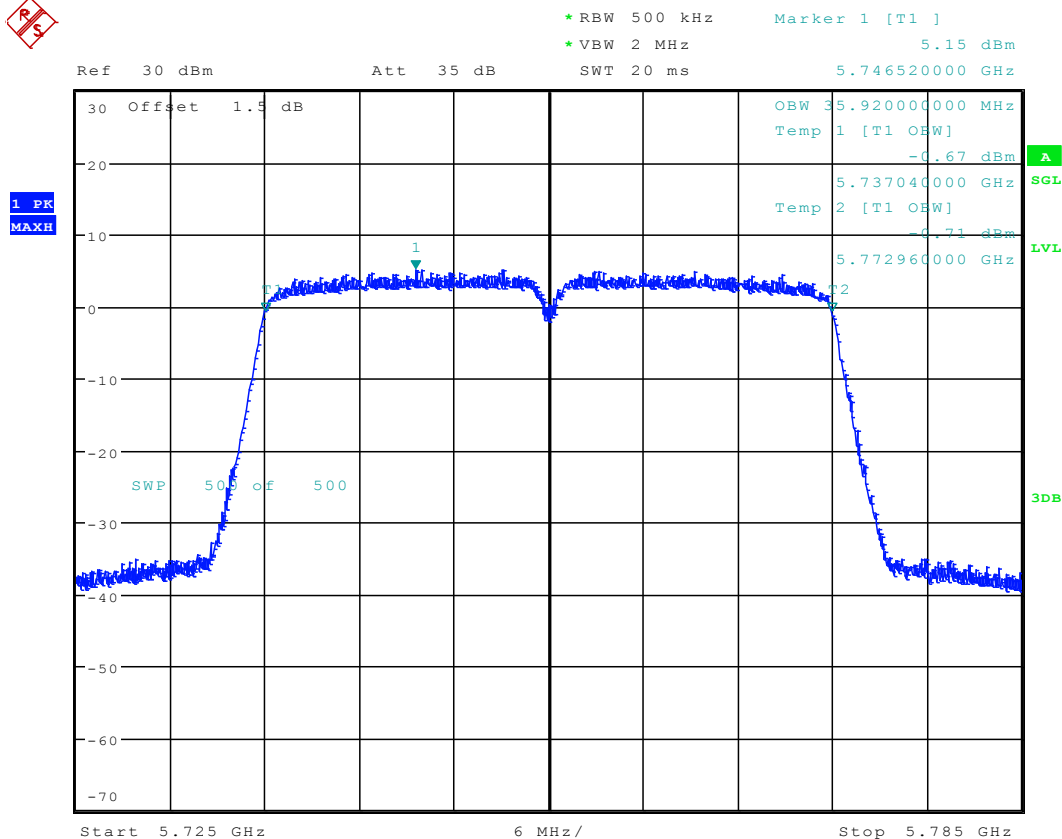
Date: 27.NOV.2017 18:40:38

6.43 11AC40_142 ANT 1



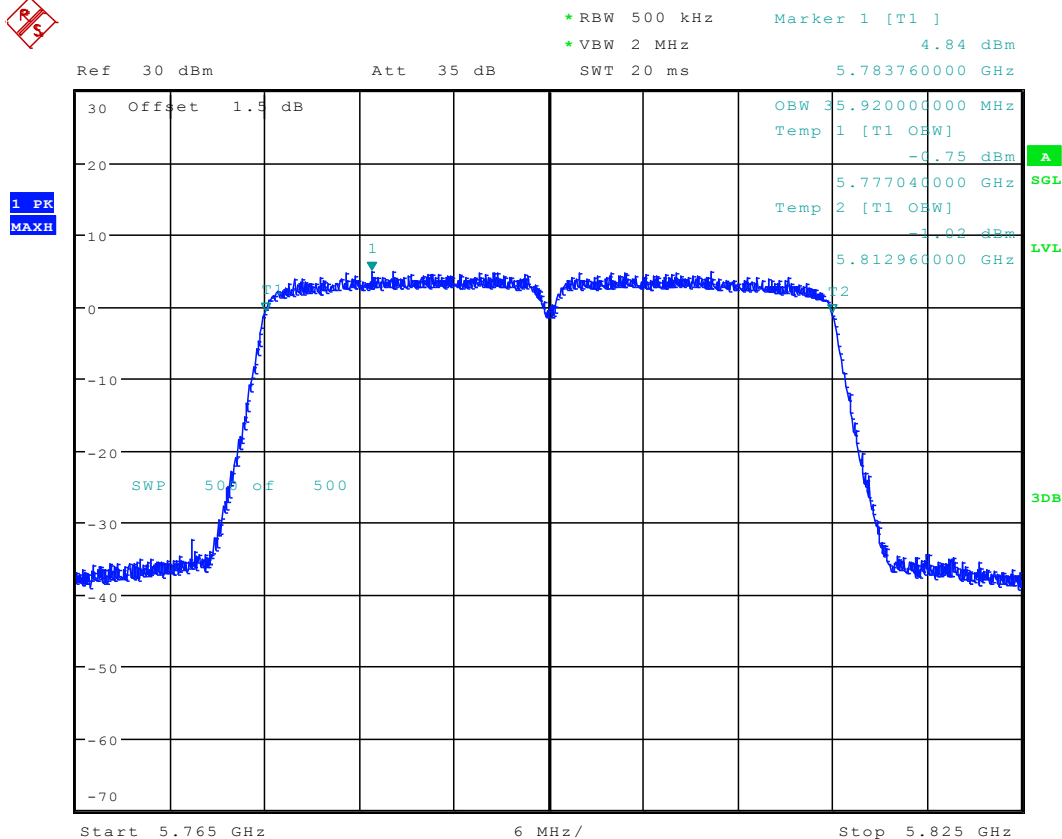
Date: 27.NOV.2017 18:44:13

6.44 11AC40_151 ANT 1



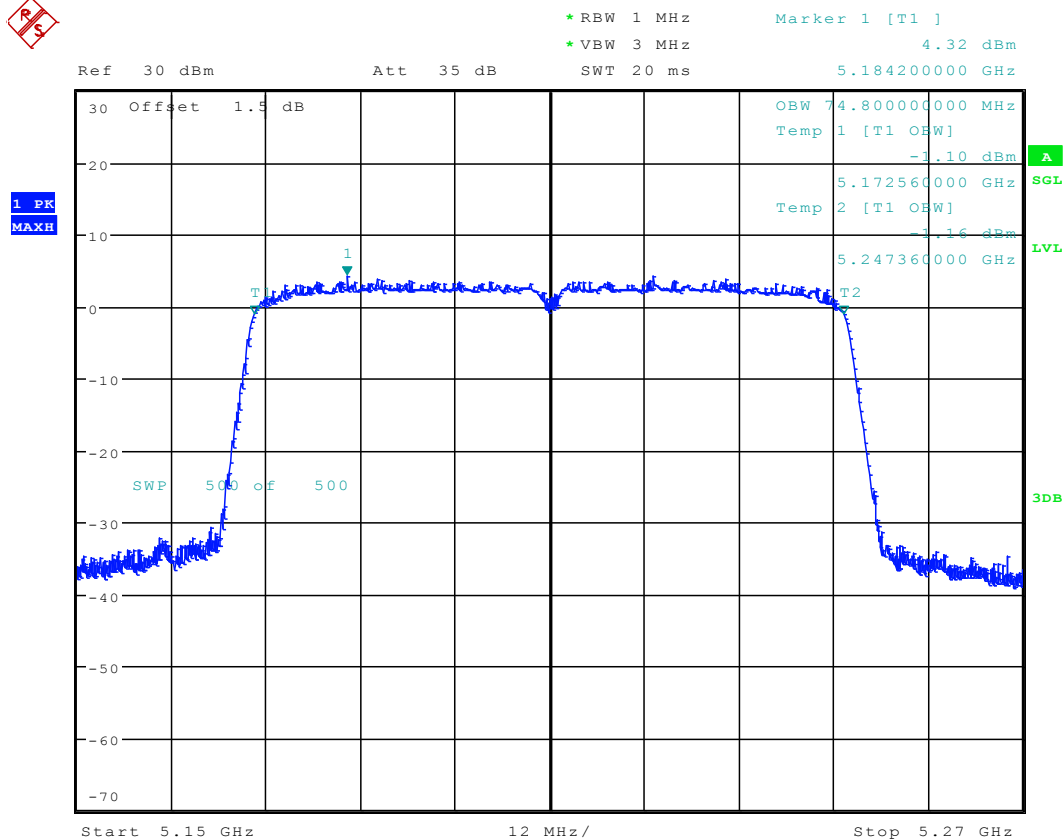
Date: 27.NOV.2017 18:48:51

6.45 11AC40_159 ANT 1

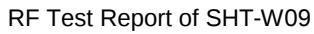


Date: 27.NOV.2017 18:53:18

6.46 11AC80_42 ANT 1



Date: 27.NOV.2017 18:58:48

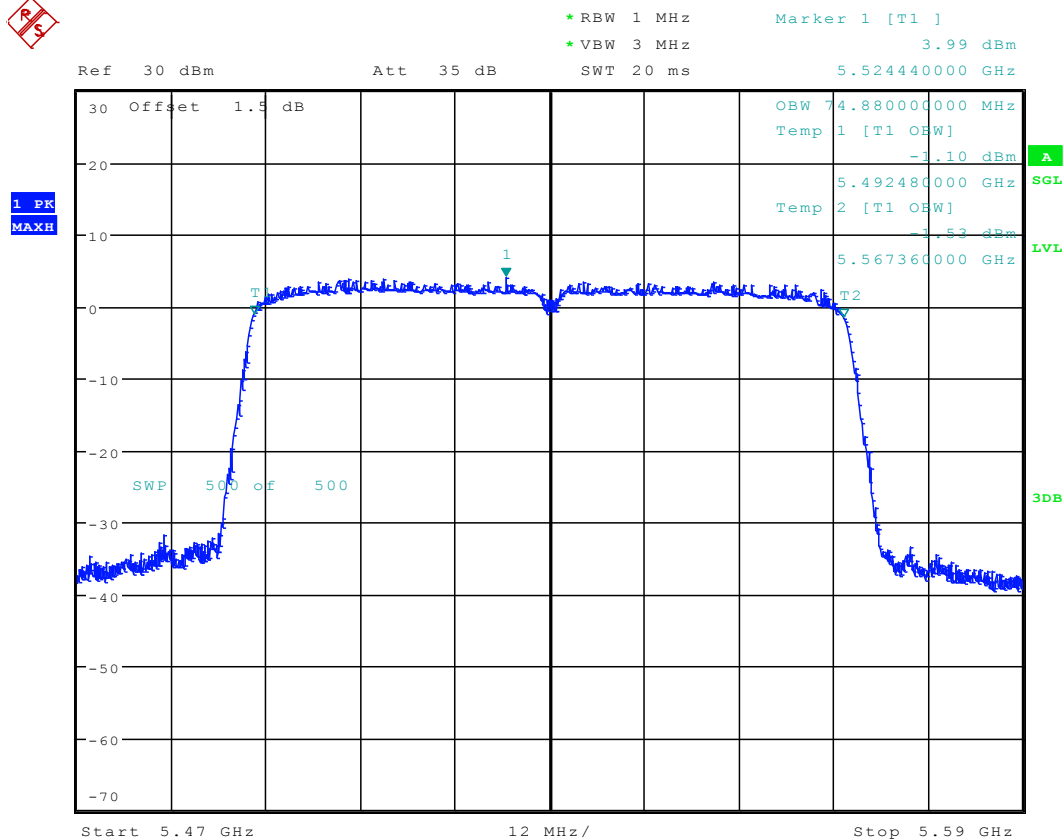


Ref 30 dBm Att 35 dB SWT 20 ms 5.268880000 GHz



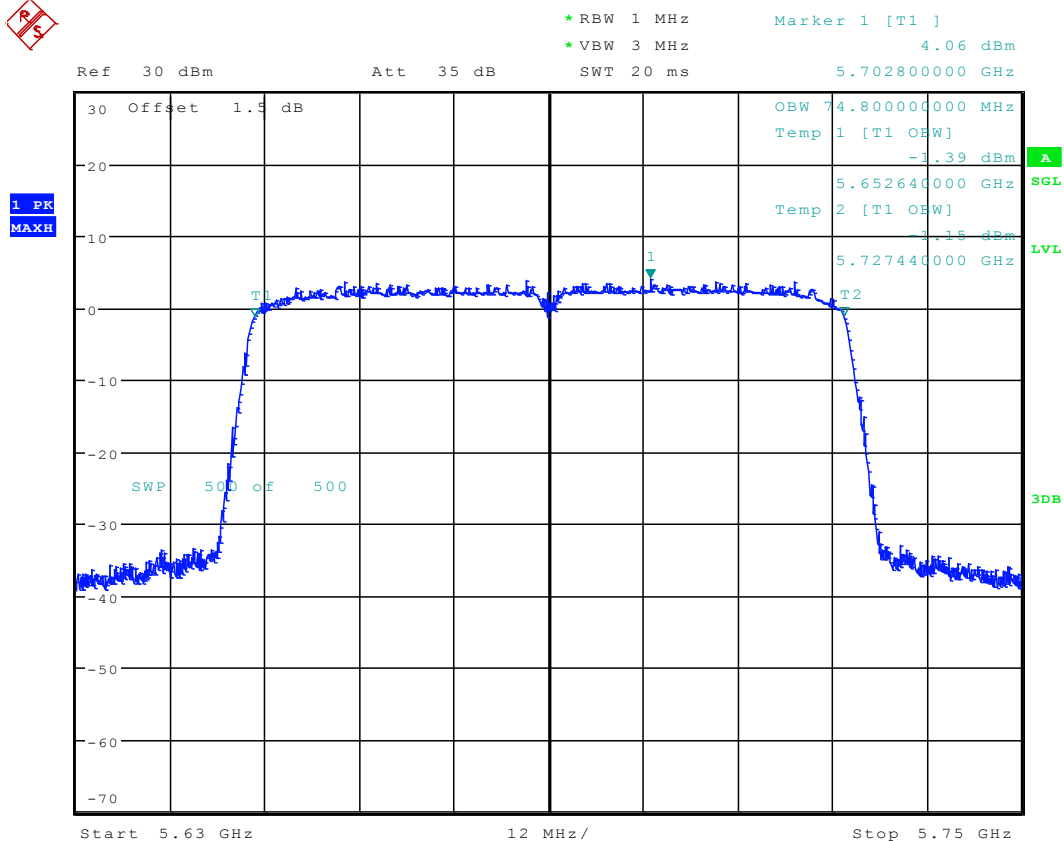
Date: 27.NOV.2017 19:02:04

6.48 11AC80_106 ANT 1



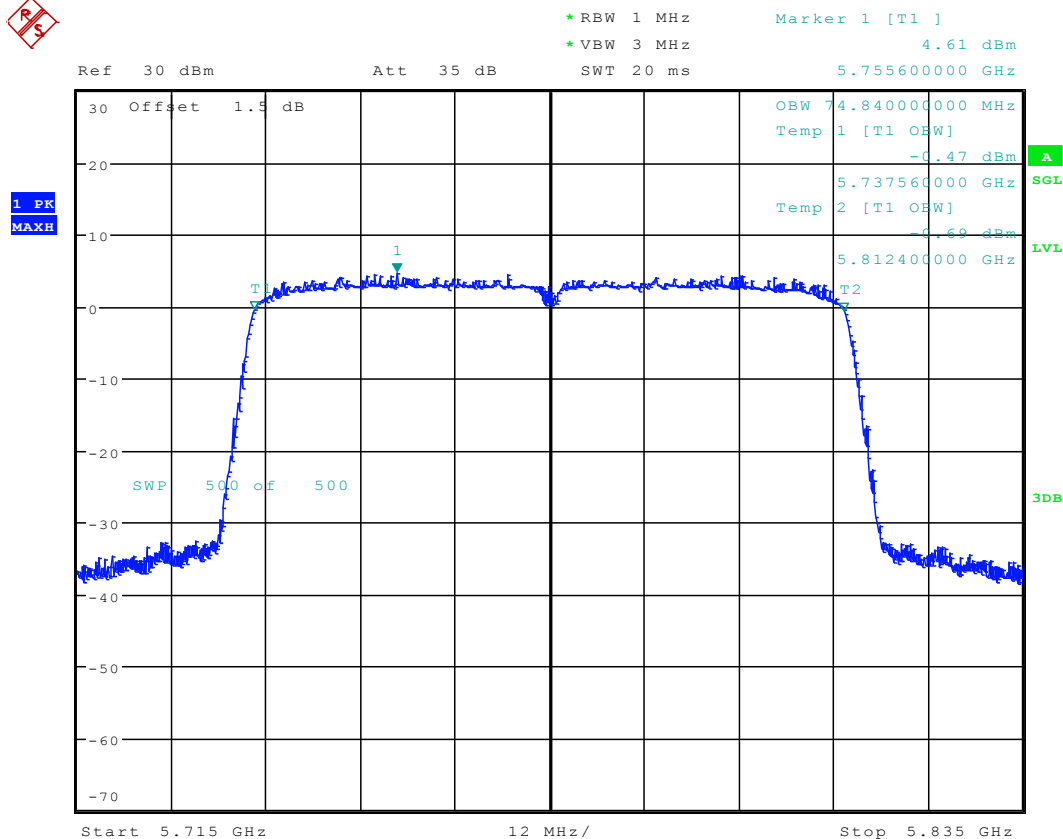
Date: 27.NOV.2017 19:07:28

6.4911AC80_138 ANT 1



Date: 27.NOV.2017 19:17:30

6.50 11AC80_155 ANT 1



Date: 27.NOV.2017 19:25:23

Appendix C: Duty Cycle

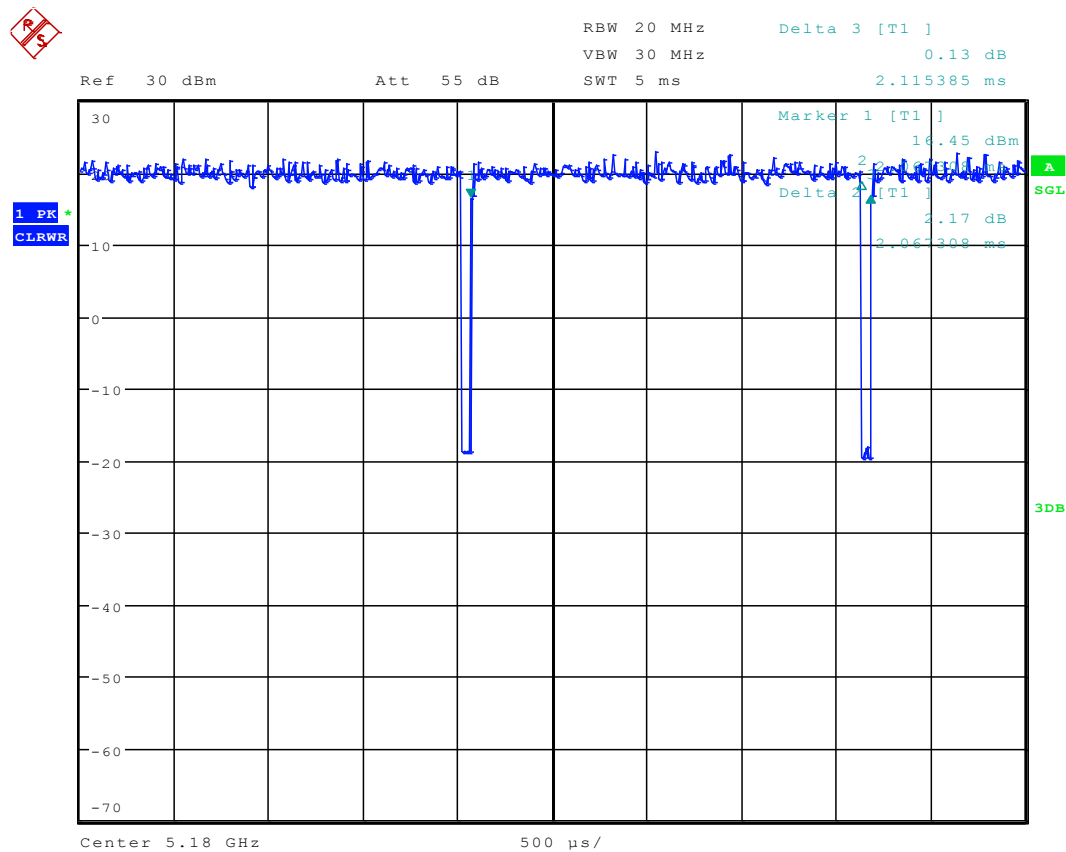
7 Part I - Test Results

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Duty cycle [%]
11A20	36,	5180	Ant 1	97.6
	48	5240	Ant 1	97.6
	52	5260	Ant 1	97.6
	64	5320	Ant 1	97.6
	100	5500	Ant 1	97.6
	140	5700	Ant 1	97.6
	144	5720	Ant 1	97.6
	149	5745	Ant 1	97.6
	165	5825	Ant 1	97.6
11N20	36	5180	Ant 1	97.5
	48	5240	Ant 1	97.5
	52	5260	Ant 1	97.5
	64	5320	Ant 1	97.5
	100	5500	Ant 1	97.5
	140	5700	Ant 1	97.5
	144	5720	Ant 1	97.5
	149	5745	Ant 1	97.5
	165	5825	Ant 1	97.5
11N40	38	5190	Ant 1	95
	46	5230	Ant 1	95
	54	5270	Ant 1	95
	62	5310	Ant 1	95
	102	5510	Ant 1	95
	134	5670	Ant 1	95
	142	5710	Ant 1	95
	151	5755	Ant 1	95
	159	5795	Ant 1	95
11AC20	36	5180	Ant 1	97.5
	48	5240	Ant 1	97.5
	52	5260	Ant 1	97.5
	64	5320	Ant 1	97.5
	100	5500	Ant 1	97.5
	140	5700	Ant 1	97.5
	144	5720	Ant 1	97.5

	149	5745	Ant 1	97.5
	165	5825	Ant 1	97.5
11AC40	38	5190	Ant 1	95.8
	46	5230	Ant 1	95.8
	54	5270	Ant 1	95.8
	62	5310	Ant 1	95.8
	102	5510	Ant 1	95.8
	134	5670	Ant 1	95.8
	142	5710	Ant 1	95.8
	151	5755	Ant 1	95.8
	159	5795	Ant 1	95.8
11AC80	42	5210	Ant 1	94.8
	58	5290	Ant 1	94.8
	106	5530	Ant 1	94.8
	138	5690	Ant 1	94.8
	155	5775	Ant 1	94.8

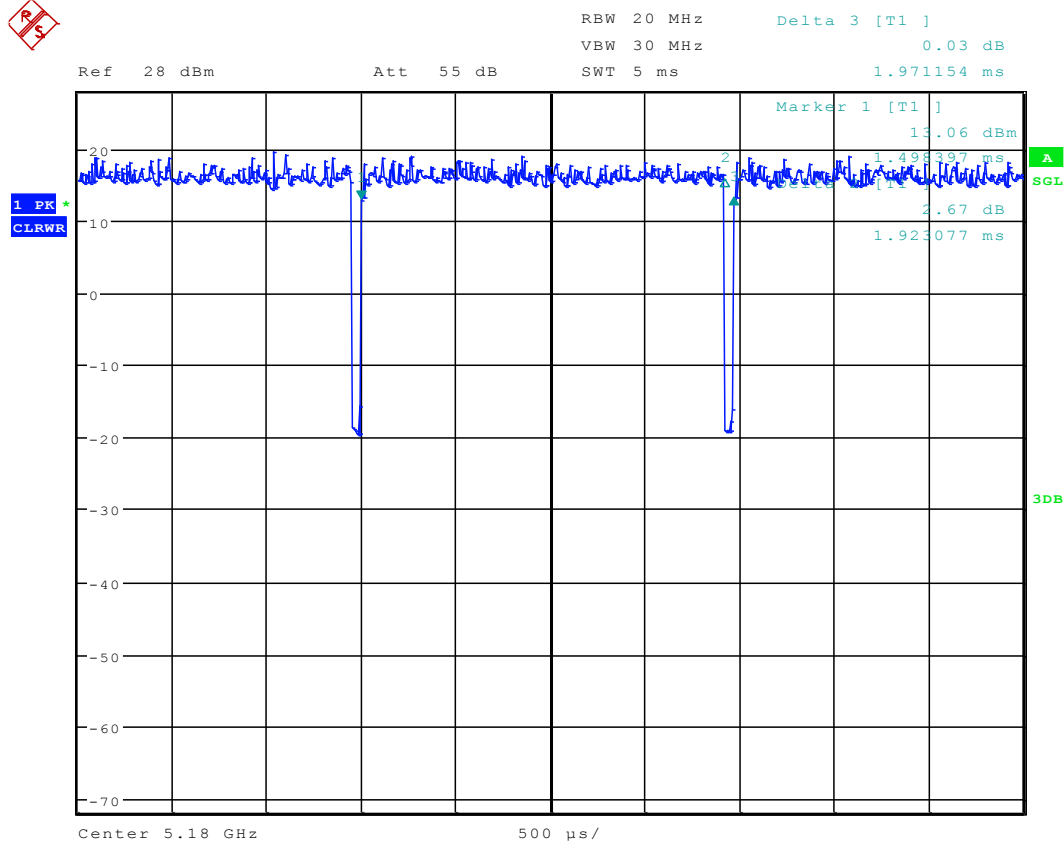
8 Test Plot

8.1 11A20



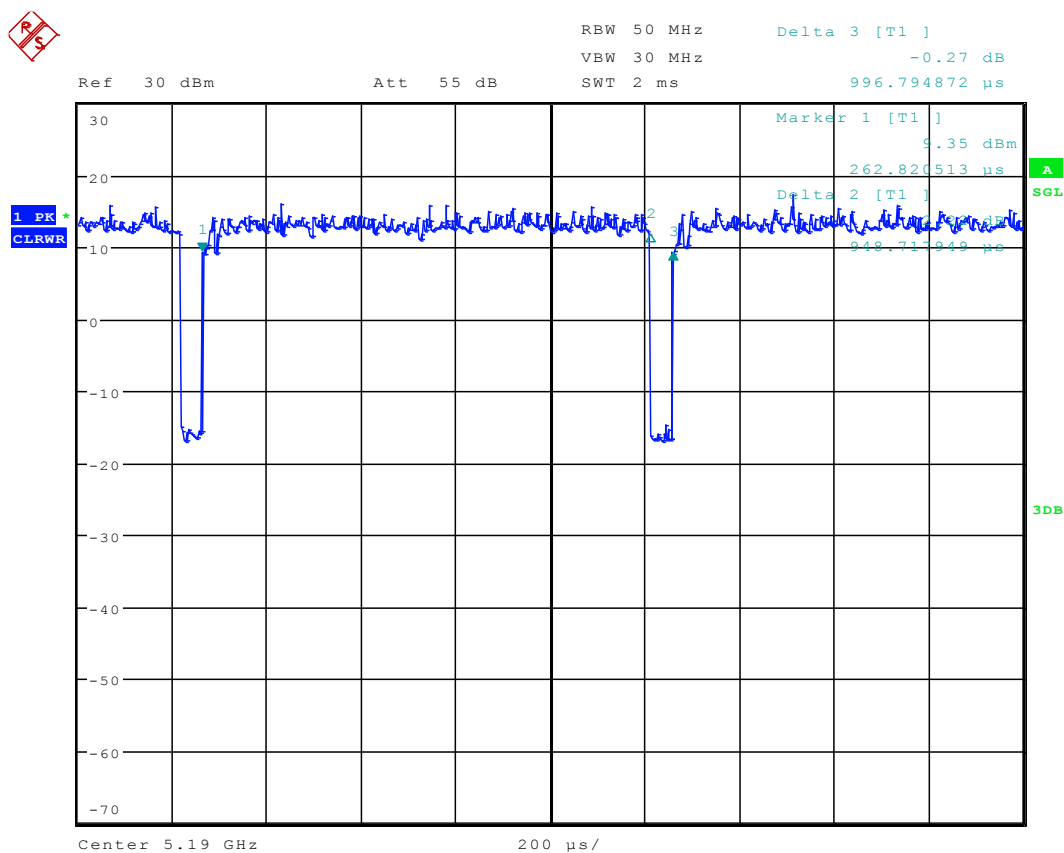
Date: 27.NOV.2017 10:32:50

8.2 11n20



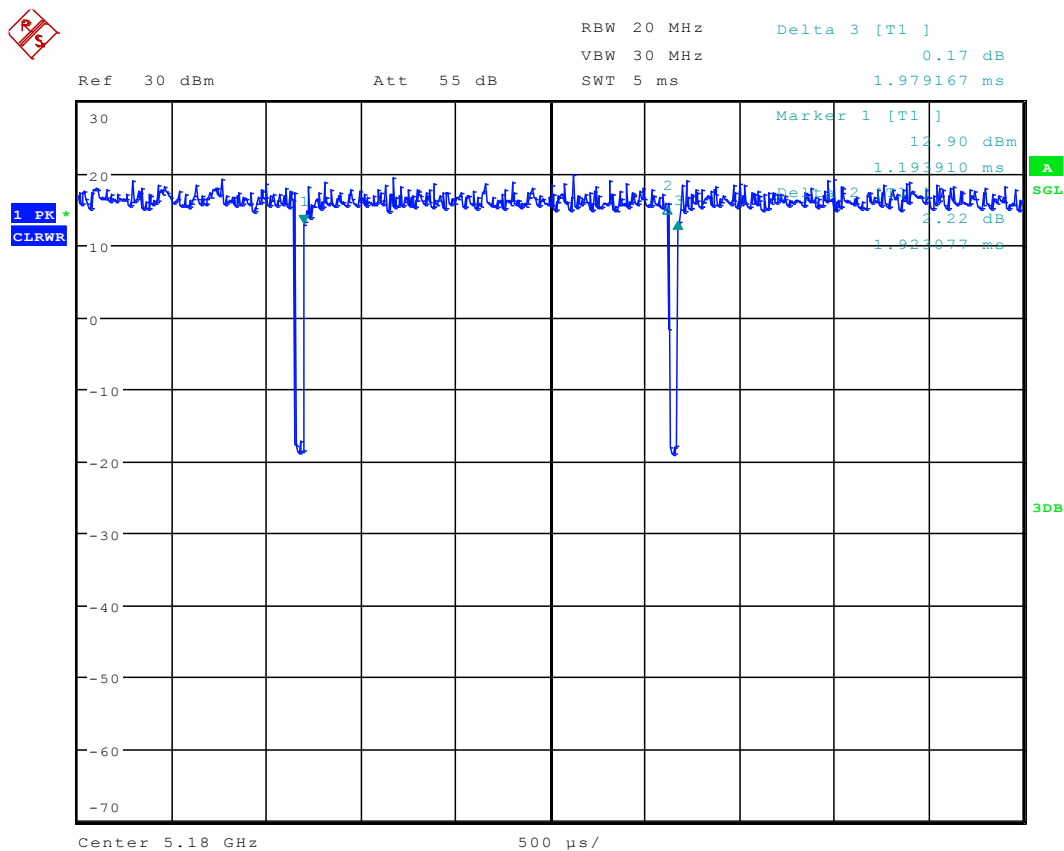
Date: 27.NOV.2017 14:40:46

8.3 11n40



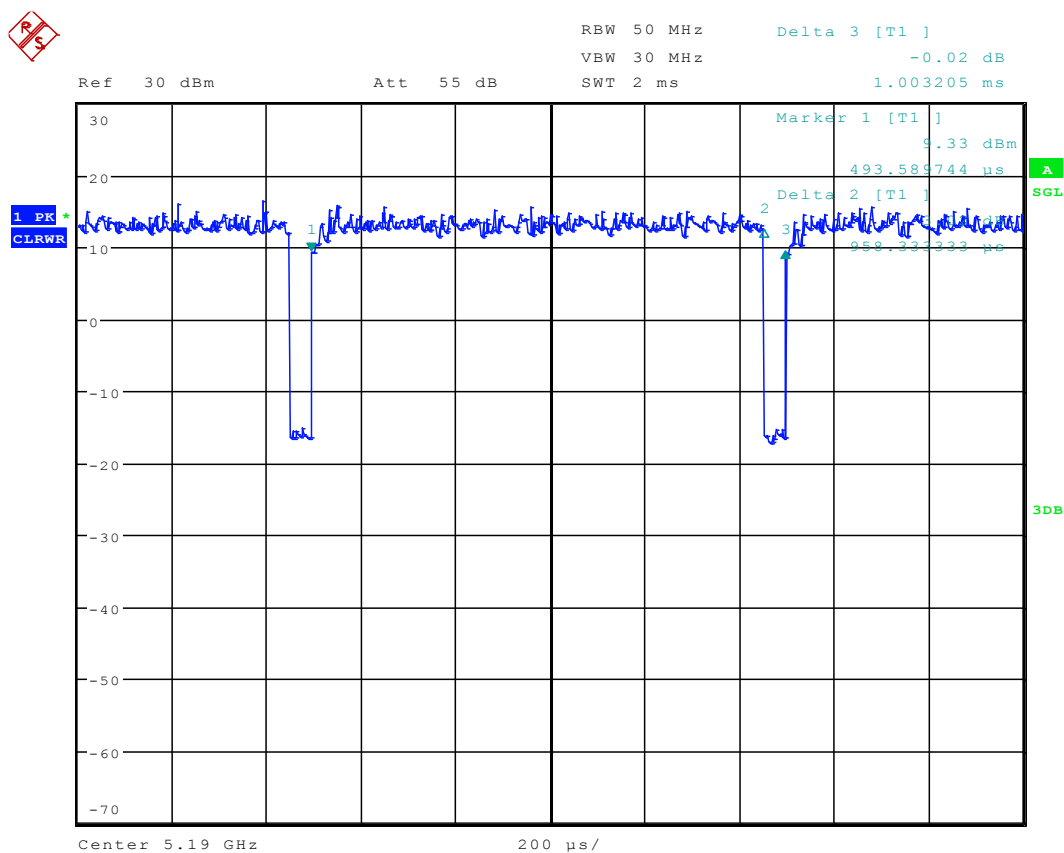
Date: 27.NOV.2017 15:53:25

8.4 11ac20



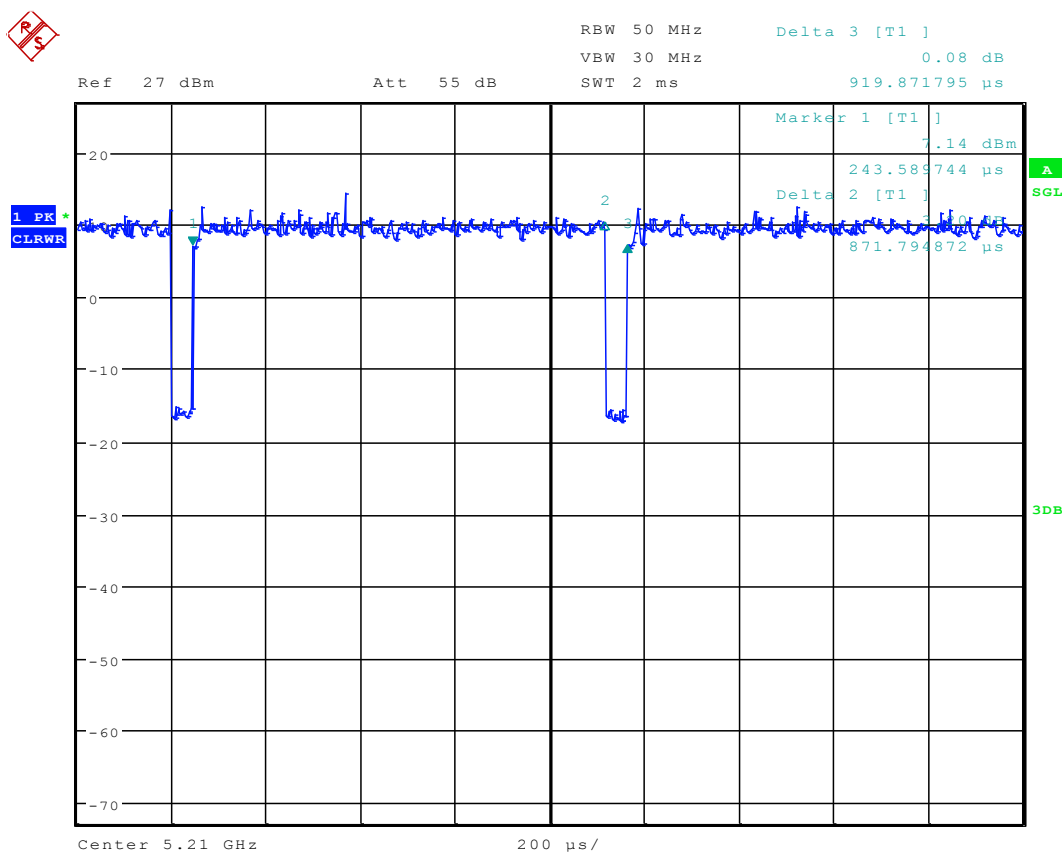
Date: 27.NOV.2017 16:29:43

8.5 11ac40



Date: 27.NOV.2017 18:03:50

8.6 11ac80



Date: 27.NOV.2017 18:57:01

Appendix D: Maximum Conducted Output Power

9 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A20	36	5180	ANT 1	15.63	PASS
	48	5240	ANT 1	15.53	PASS
	52	5260	ANT 1	15.4	PASS
	64	5320	ANT 1	15.51	PASS
	100	5500	ANT 1	15.87	PASS
	140	5700	ANT 1	15.9	PASS
	144	5720	ANT 1	16.1	PASS
	149	5745	ANT 1	16.22	PASS
	165	5825	ANT 1	15.98	PASS
11N20	36	5180	ANT 1	12.63	PASS
	48	5240	ANT 1	12.53	PASS
	52	5260	ANT 1	12.38	PASS
	64	5320	ANT 1	12.49	PASS
	100	5500	ANT 1	12.82	PASS
	140	5700	ANT 1	12.84	PASS
	144	5720	ANT 1	13.09	PASS
	149	5745	ANT 1	13.13	PASS
	165	5825	ANT 1	13	PASS
11N40	38	5190	ANT 1	11.28	PASS
	46	5230	ANT 1	11.24	PASS
	54	5270	ANT 1	11.02	PASS
	62	5310	ANT 1	11.05	PASS
	102	5510	ANT 1	11.37	PASS
	134	5670	ANT 1	11.03	PASS
	142	5710	ANT 1	11.67	PASS
	151	5755	ANT 1	11.78	PASS
	159	5795	ANT 1	11.82	PASS
11AC20	36	5180	ANT 1	12.51	PASS
	48	5240	ANT 1	12.42	PASS
	52	5260	ANT 1	12.38	PASS
	64	5320	ANT 1	12.31	PASS
	100	5500	ANT 1	12.96	PASS
	140	5700	ANT 1	12.99	PASS
	144	5720	ANT 1	13.24	PASS
	149	5745	ANT 1	13.25	PASS

	165	5825	ANT 1	13.04	PASS
11AC40	38	5190	ANT 1	11.37	PASS
	46	5230	ANT 1	11.32	PASS
	54	5270	ANT 1	11.25	PASS
	62	5310	ANT 1	11.29	PASS
	102	5510	ANT 1	11.63	PASS
	134	5670	ANT 1	11.31	PASS
	142	5710	ANT 1	11.94	PASS
	151	5755	ANT 1	12.2	PASS
	159	5795	ANT 1	12.17	PASS
11AC80	42	5210	ANT 1	10.8	PASS
	58	5290	ANT 1	10.56	PASS
	106	5530	ANT 1	10.54	PASS
	138	5690	ANT 1	10.5	PASS
	155	5775	ANT 1	11.18	PASS

Appendix E: Peak Power Spectral Density Level

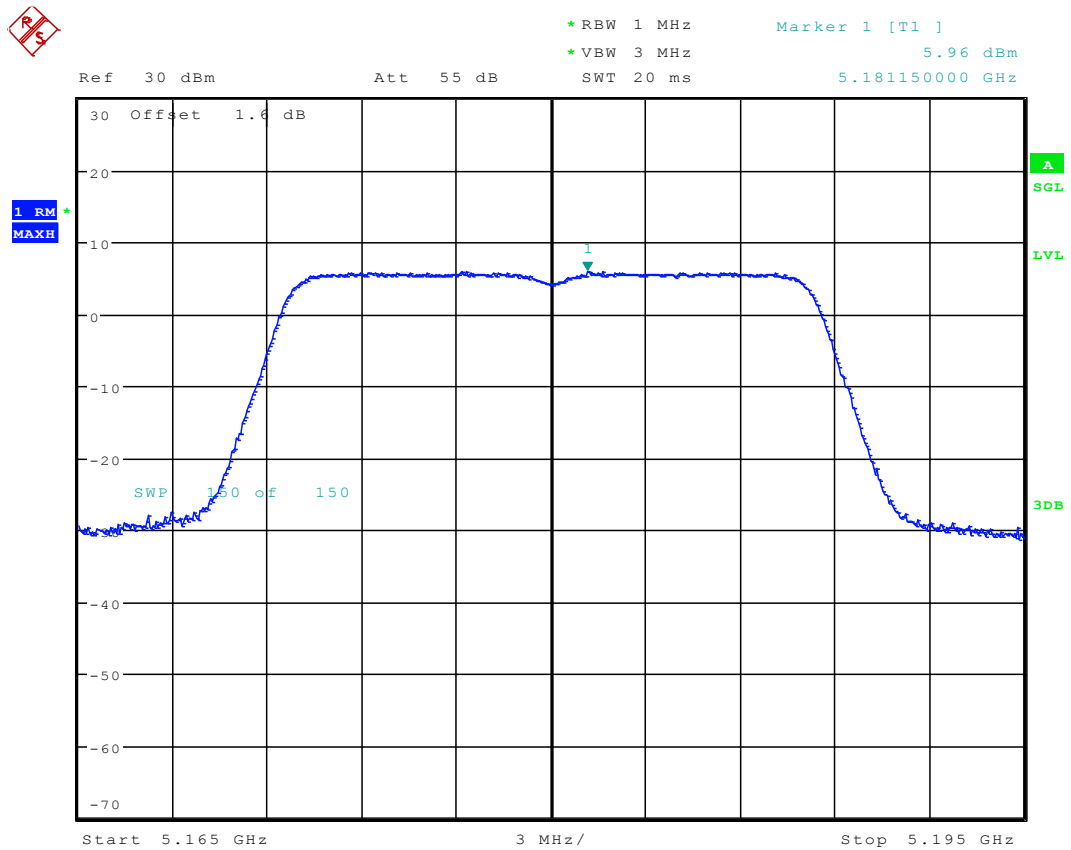
10 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A20	36	5180	ANT 1	5.96	PASS
	48	5240	ANT 1	5.77	PASS
	52	5260	ANT 1	5.53	PASS
	64	5320	ANT 1	5.76	PASS
	100	5500	ANT 1	6.01	PASS
	140	5700	ANT 1	6.15	PASS
	144	5720	ANT 1	6.44	PASS
	149	5745	ANT 1	4.27	PASS
	165	5825	ANT 1	3.95	PASS
11N20	36	5180	ANT 1	2.82	PASS
	48	5240	ANT 1	2.47	PASS
	52	5260	ANT 1	2.53	PASS
	64	5320	ANT 1	2.53	PASS
	100	5500	ANT 1	2.81	PASS
	140	5700	ANT 1	2.98	PASS
	144	5720	ANT 1	3.3	PASS
	149	5745	ANT 1	1.44	PASS
	165	5825	ANT 1	1.51	PASS
11N40	38	5190	ANT 1	-1.02	PASS
	46	5230	ANT 1	-0.81	PASS
	54	5270	ANT 1	-1.31	PASS
	62	5310	ANT 1	-1.34	PASS
	102	5510	ANT 1	-0.76	PASS
	134	5670	ANT 1	-1.13	PASS
	142	5710	ANT 1	-0.49	PASS
	151	5755	ANT 1	-2.1	PASS
	159	5795	ANT 1	-2.31	PASS
11AC20	36	5180	ANT 1	2.57	PASS
	48	5240	ANT 1	2.31	PASS
	52	5260	ANT 1	2.18	PASS
	64	5320	ANT 1	2.3	PASS
	100	5500	ANT 1	2.82	PASS
	140	5700	ANT 1	2.98	PASS
	144	5720	ANT 1	3.28	PASS
	149	5745	ANT 1	1.26	PASS
	165	5825	ANT 1	1	PASS

11AC40	38	5190	ANT 1	-0.82	PASS
	46	5230	ANT 1	-0.89	PASS
	54	5270	ANT 1	-1.16	PASS
	62	5310	ANT 1	-1.1	PASS
	102	5510	ANT 1	-0.71	PASS
	134	5670	ANT 1	-0.99	PASS
	142	5710	ANT 1	-0.2	PASS
	151	5755	ANT 1	-1.8	PASS
	159	5795	ANT 1	-1.93	PASS
11AC80	42	5210	ANT 1	-4.36	PASS
	58	5290	ANT 1	-5.37	PASS
	106	5530	ANT 1	-4.65	PASS
	138	5690	ANT 1	-4.66	PASS
	155	5775	ANT 1	-6.01	PASS

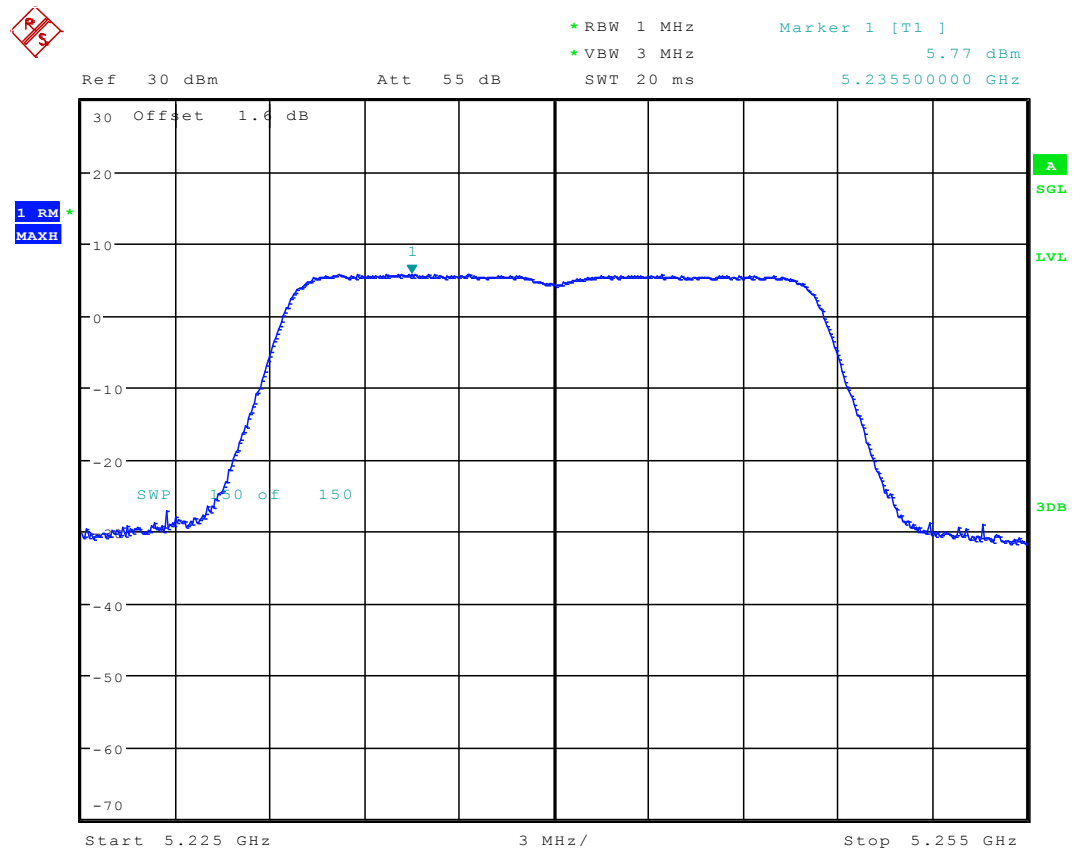
11 Test Plot

11.1 11A20_36 ANT 1



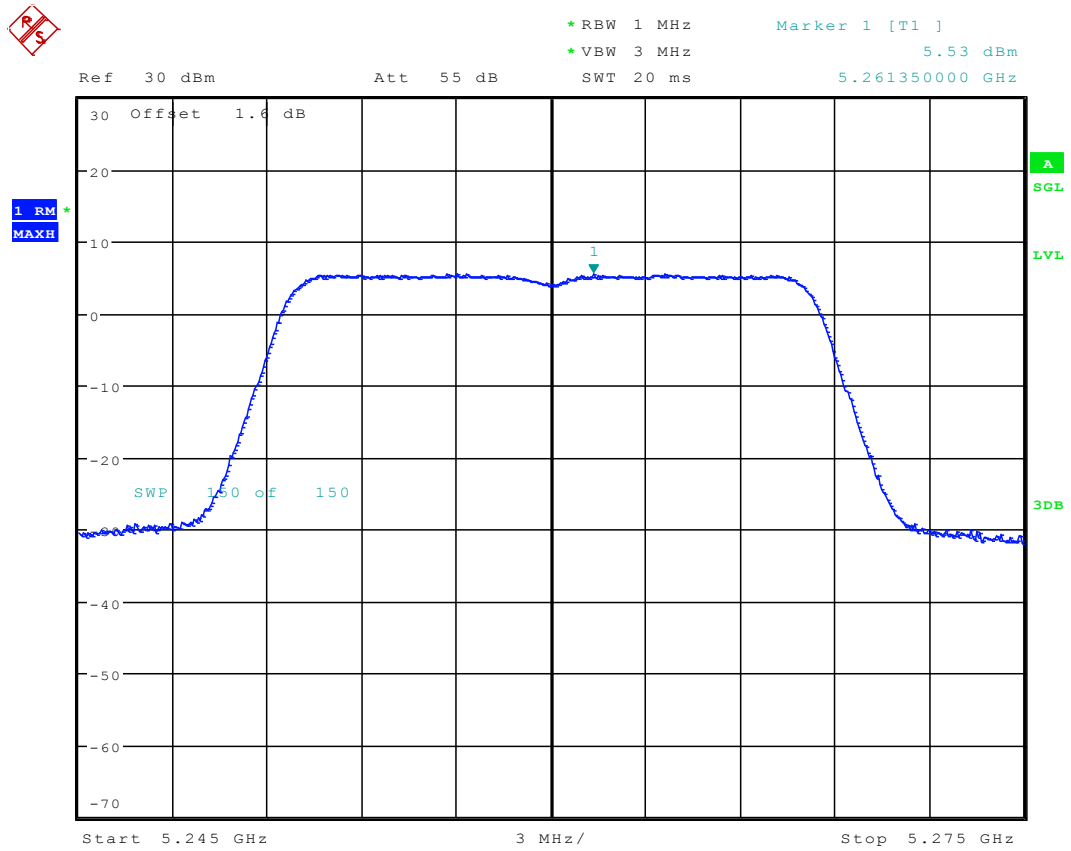
Date: 27.NOV.2017 13:37:52

11.2 11A20_48 ANT 1



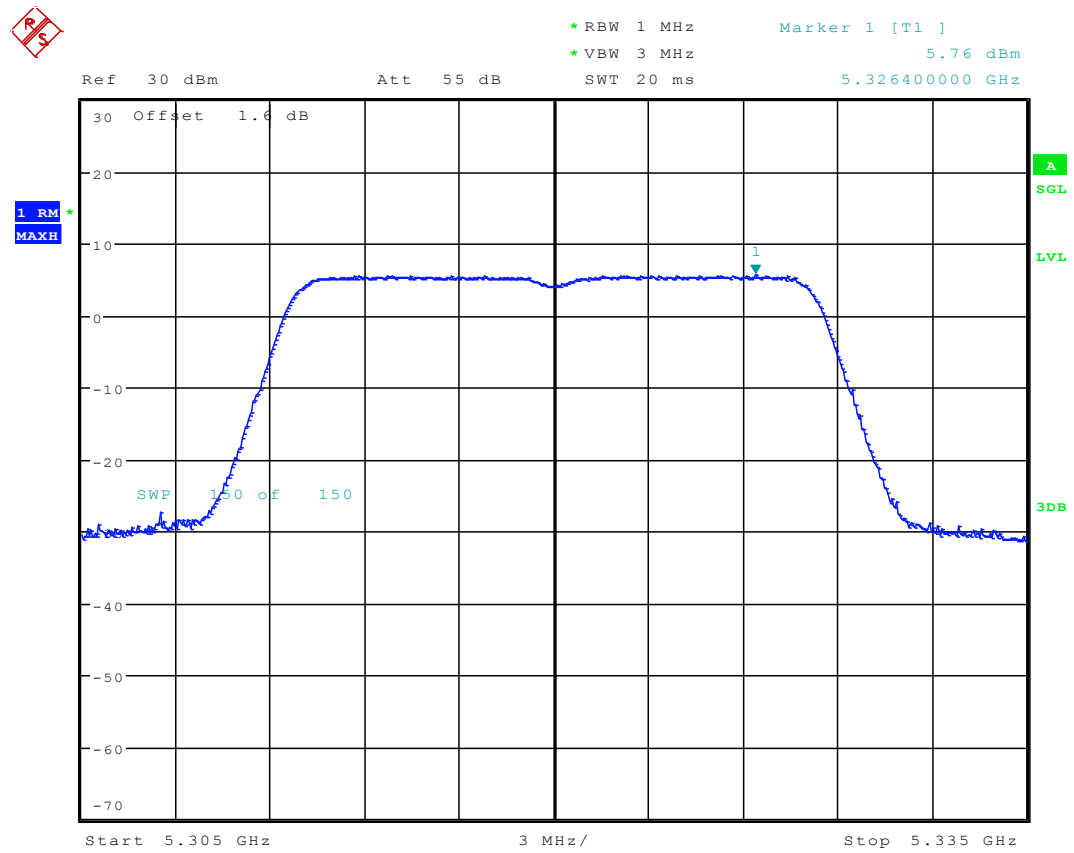
Date: 27.NOV.2017 13:41:12

11.3 11A20_52 ANT 1



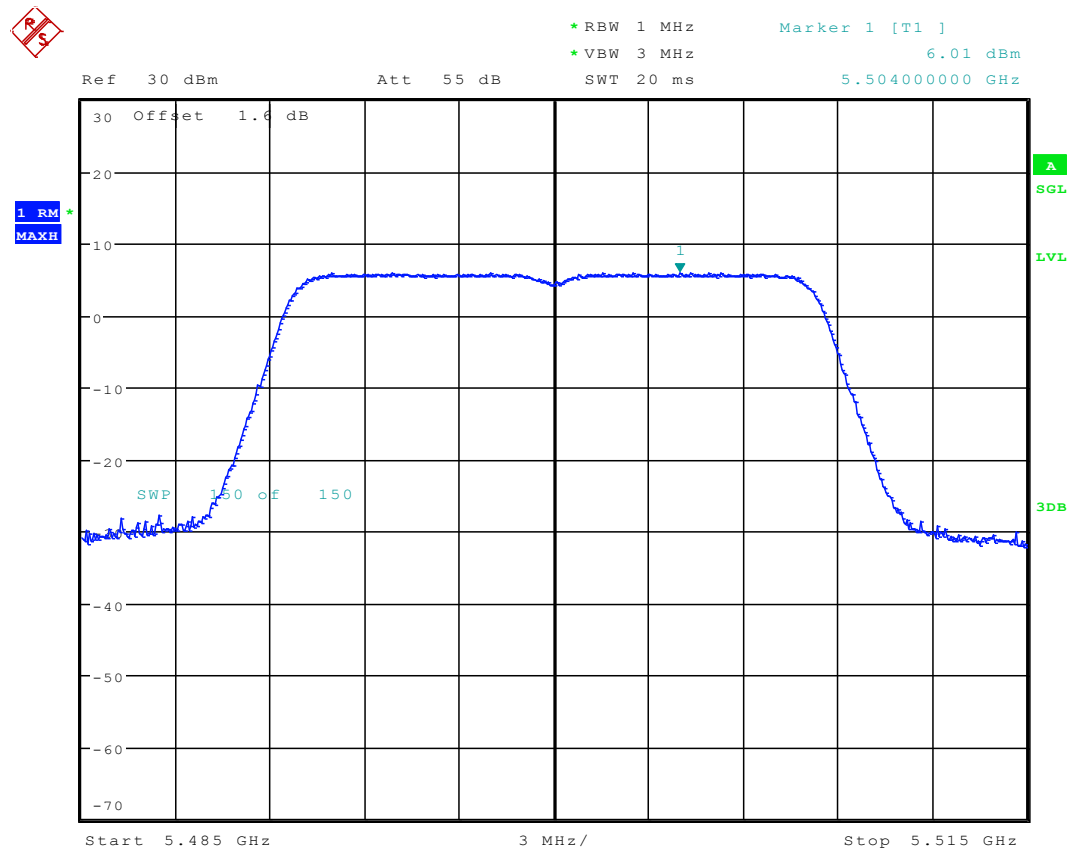
Date: 27.NOV.2017 13:43:50

11.4 11A20_64 ANT 1



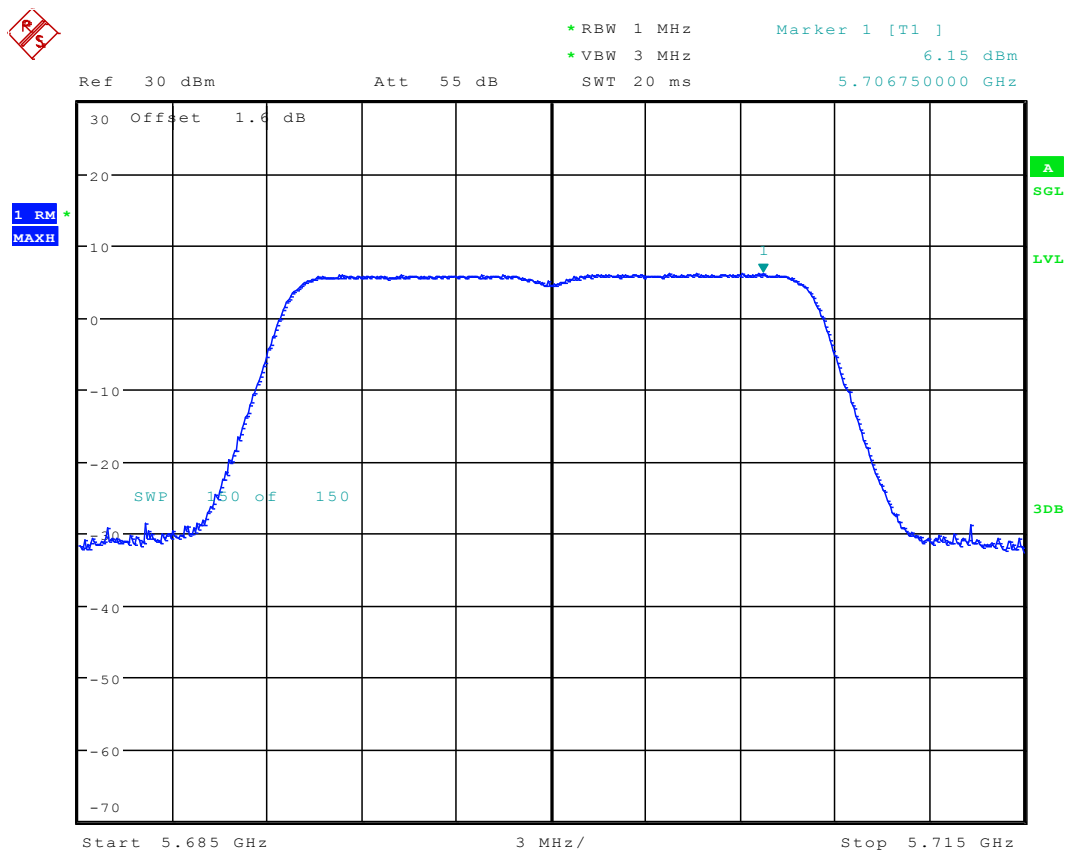
Date: 27.NOV.2017 14:07:57

11.5 11A20_100 ANT 1



Date: 27.NOV.2017 14:13:08

11.6 11A20_140 ANT 1

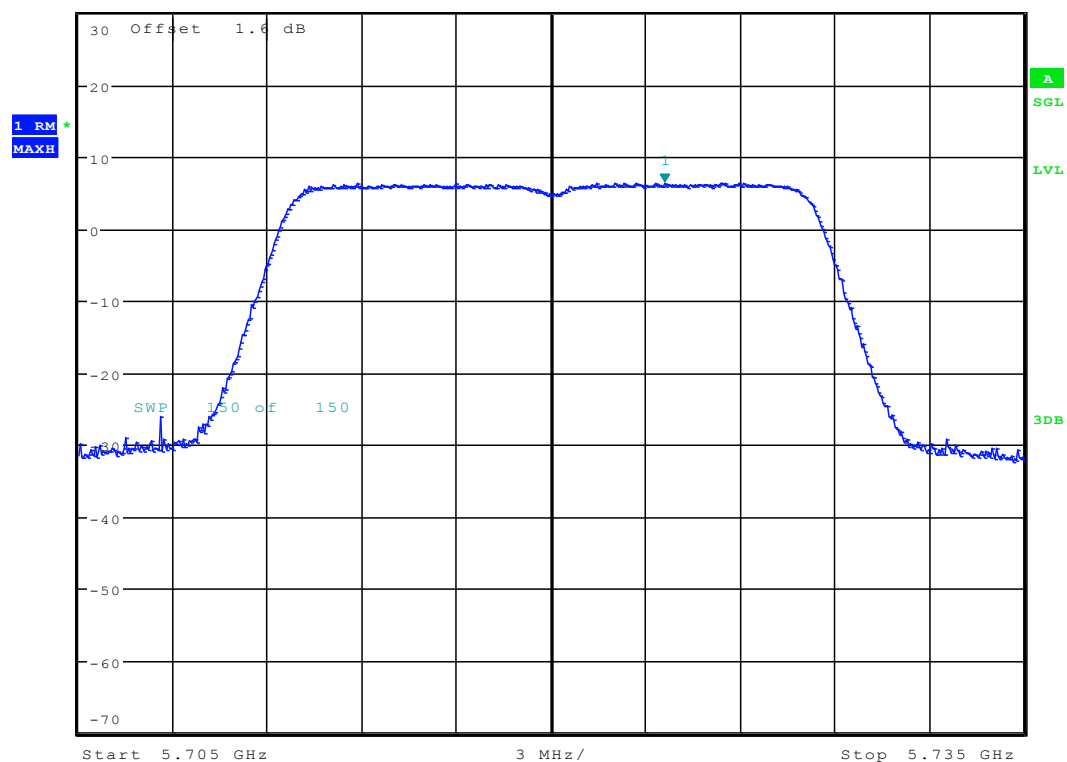


Date: 27.NOV.2017 14:16:01

11.7 11A20_144 ANT 1

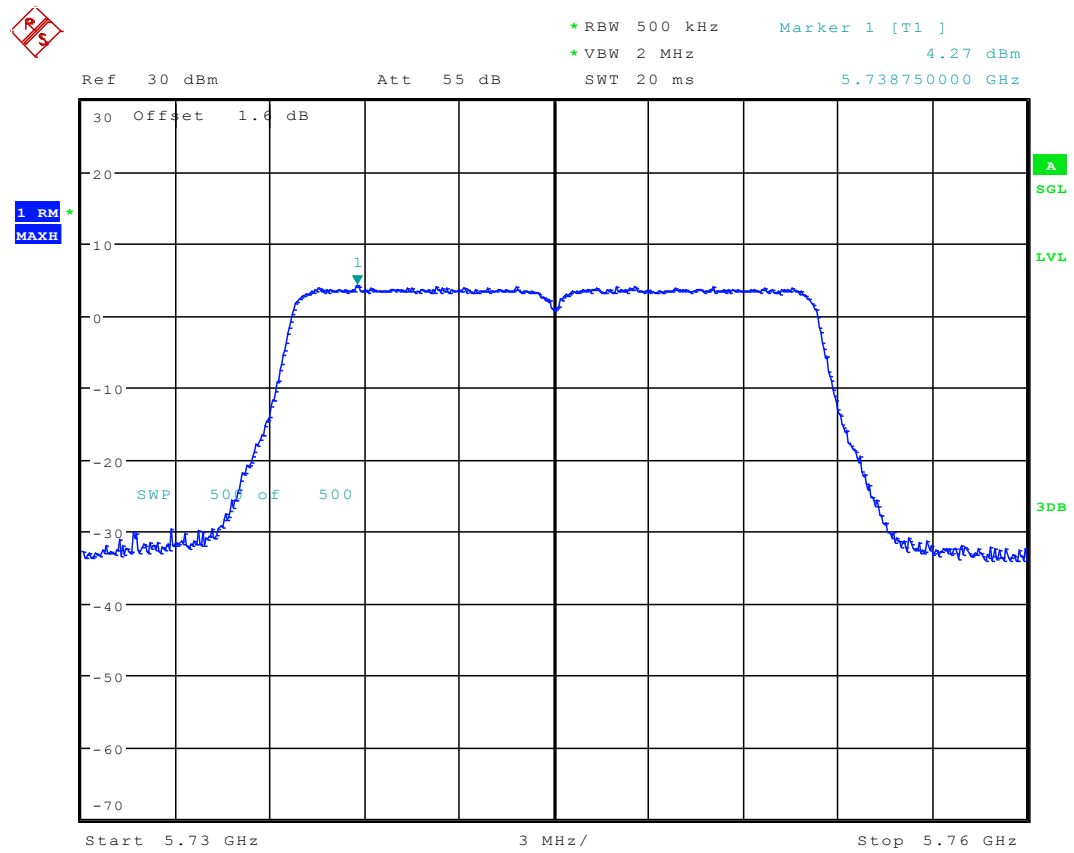


*RBW 1 MHz
*VBW 3 MHz
Marker 1 [T1]
6.44 dBm
Ref 30 dBm
Att 55 dB
SWT 20 ms
5.723600000 GHz



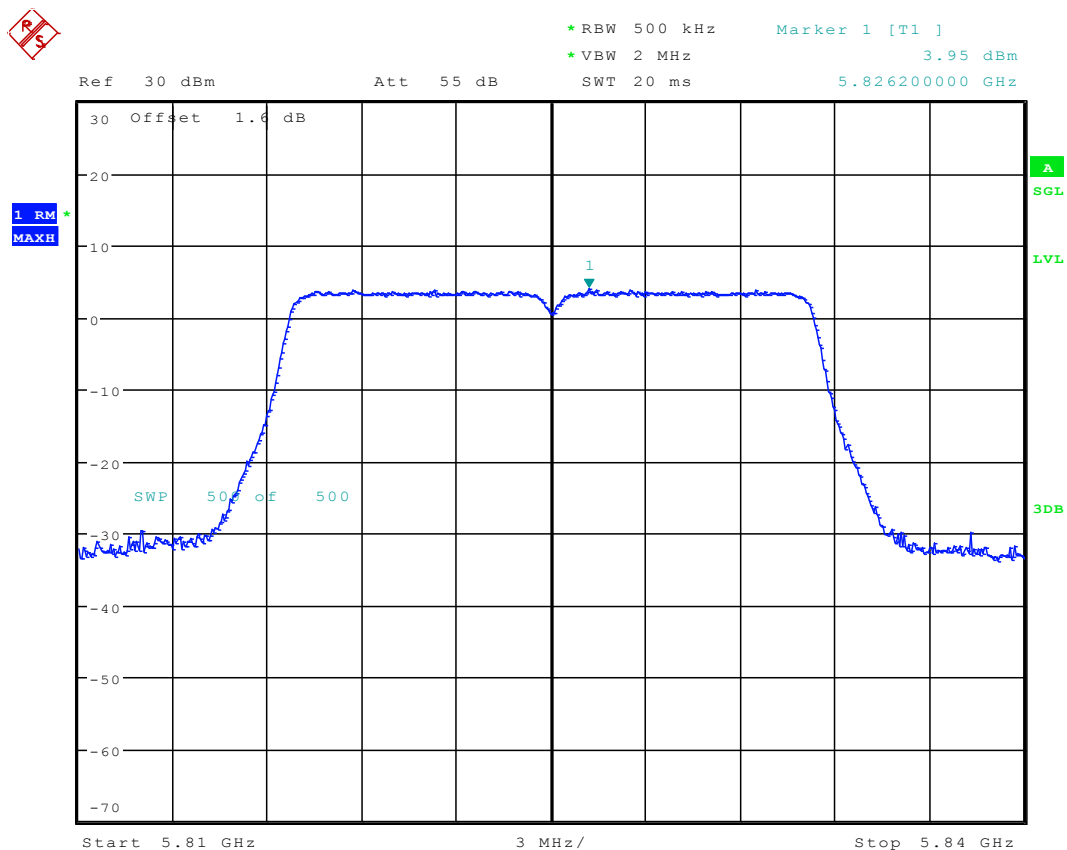
Date: 27.NOV.2017 14:20:53

11.8 11A20_149 ANT 1



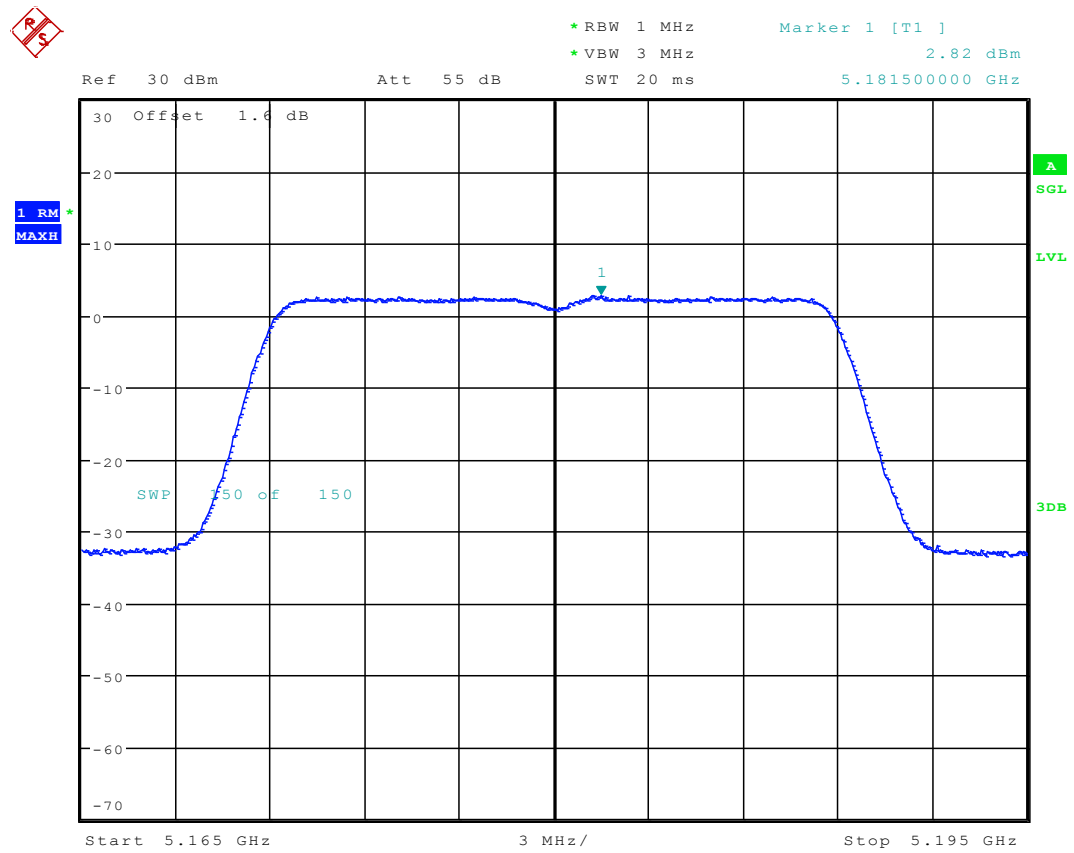
Date: 27.NOV.2017 14:27:28

11.9 11A20_165 ANT 1



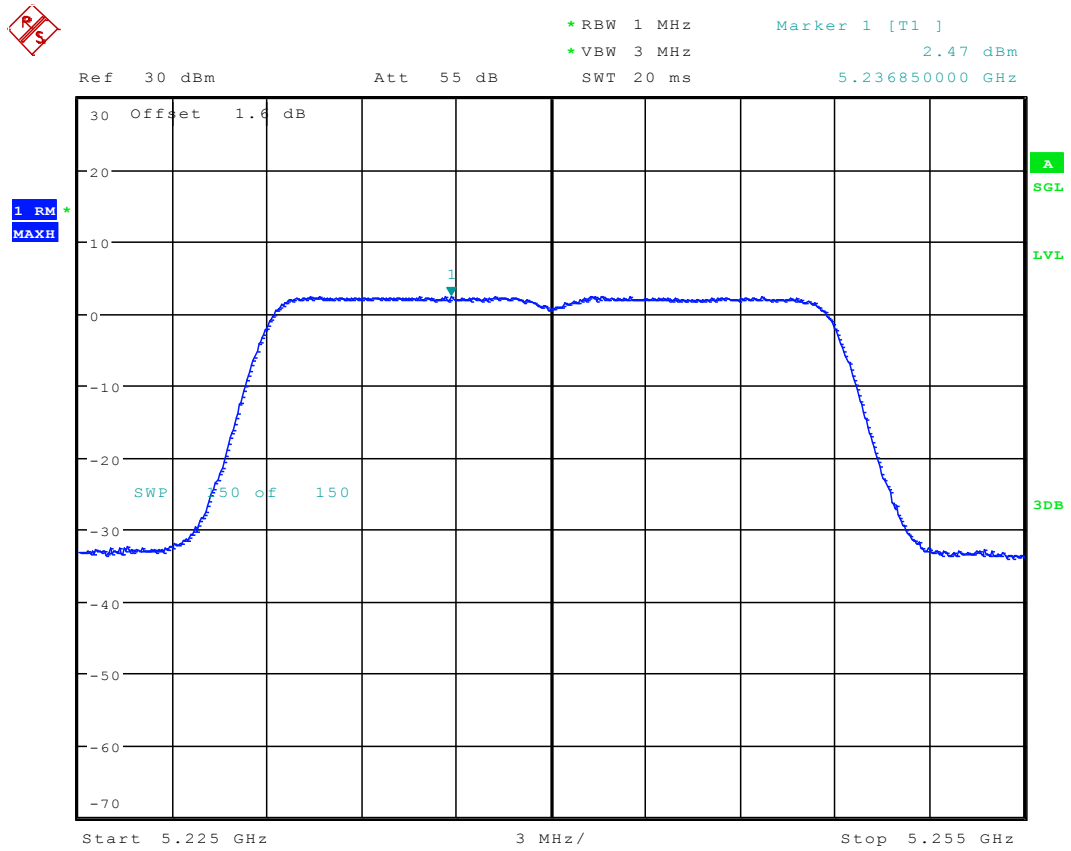
Date: 27.NOV.2017 14:31:29

11.10 11N20_36 ANT 1



Date: 27.NOV.2017 14:42:53

11.11 11N20_48 ANT 1

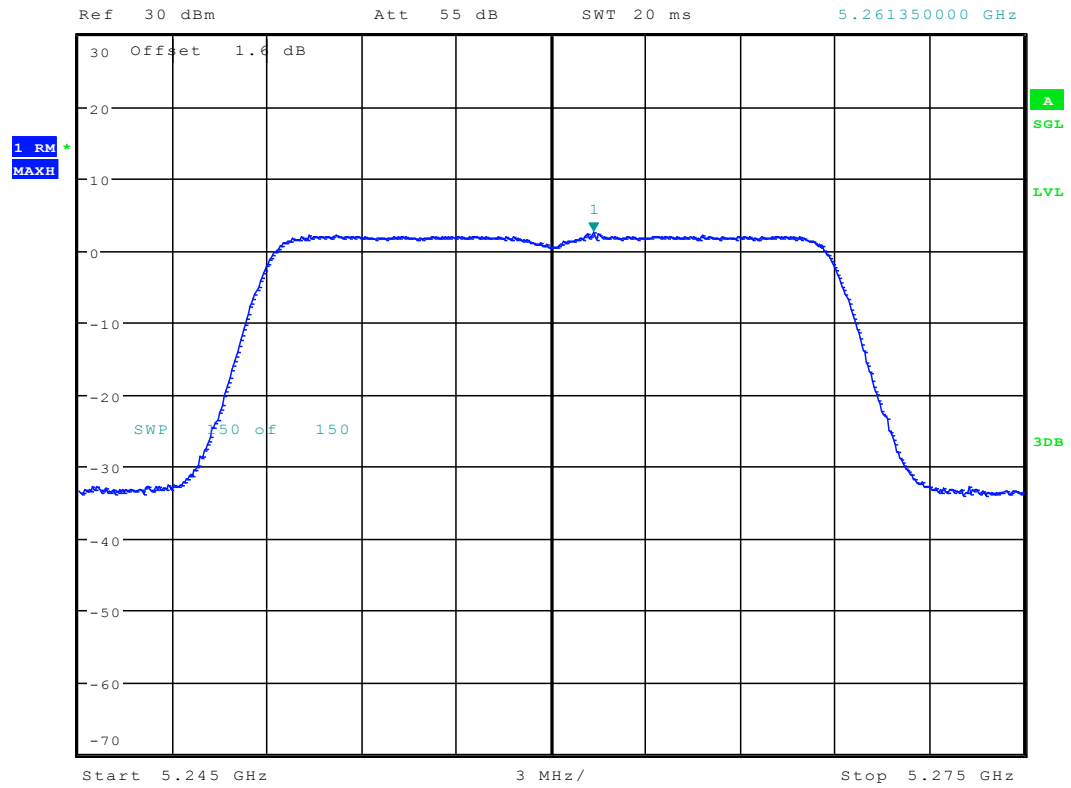


Date: 27.NOV.2017 14:48:21

11.12 11N20_52 ANT 1

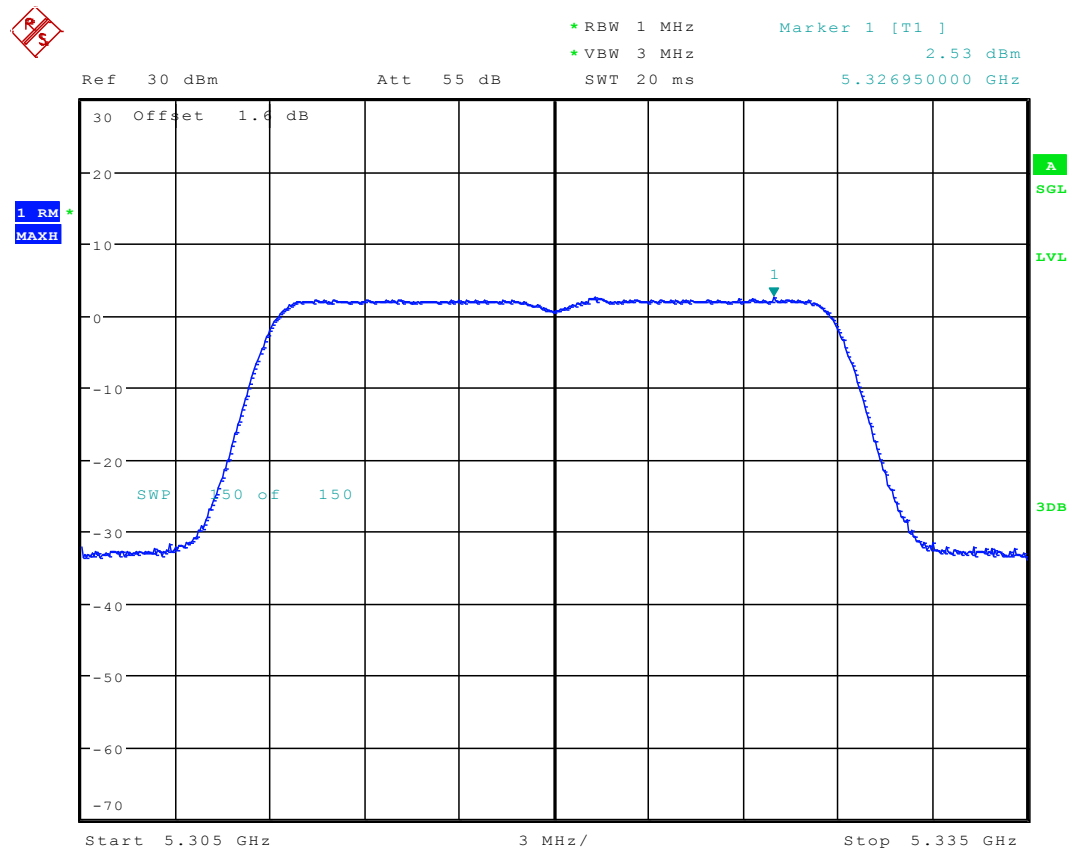


*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
2.53 dBm
5.261350000 GHz



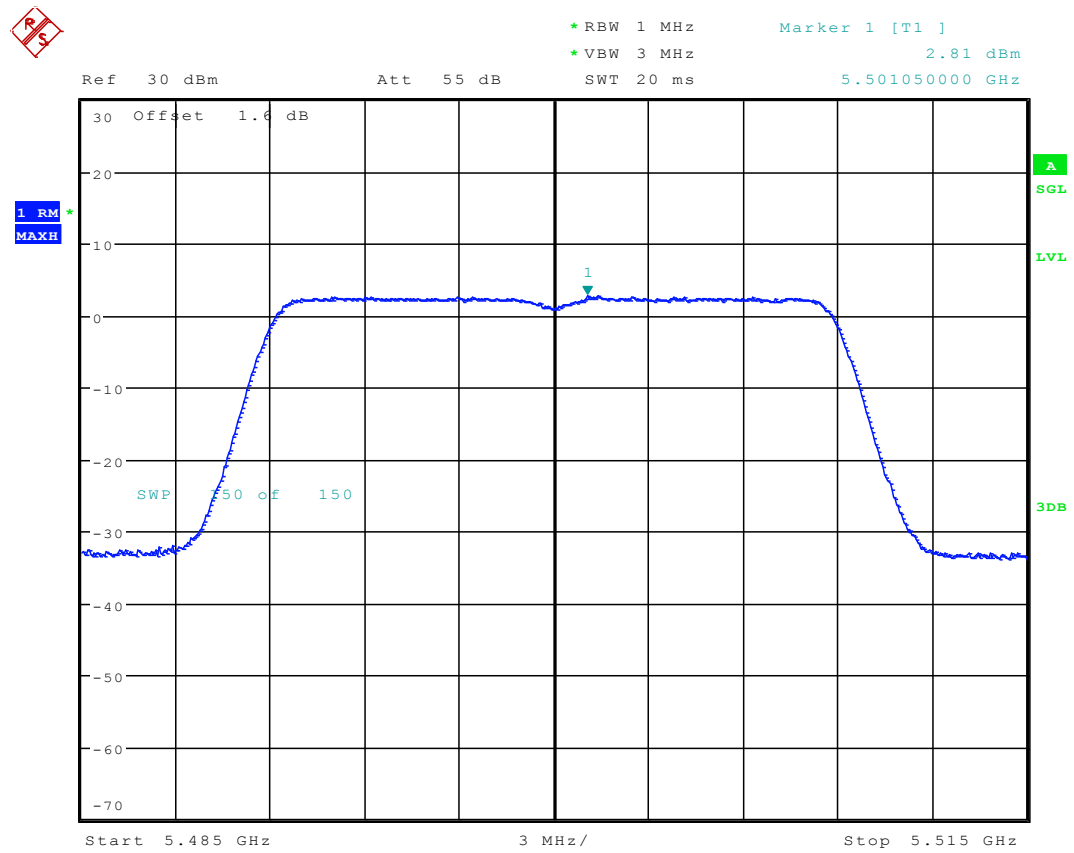
Date: 27.NOV.2017 14:59:26

11.13 11N20_64 ANT 1



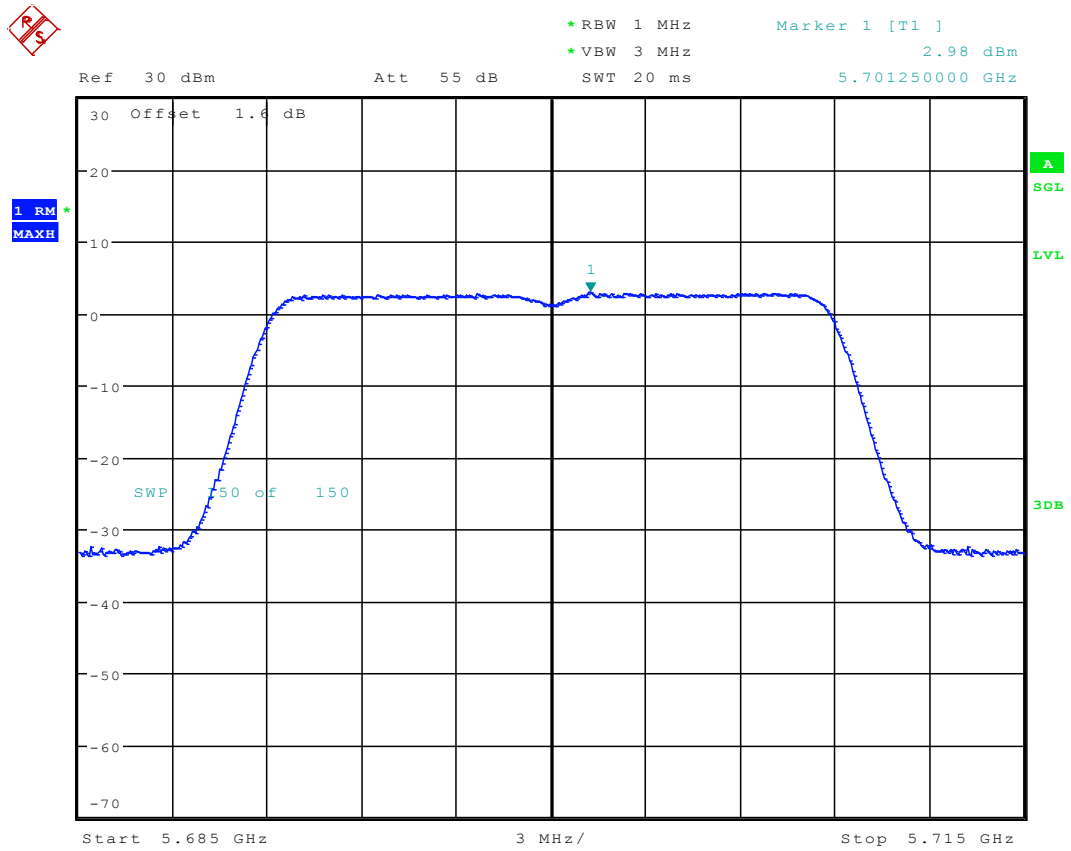
Date: 27.NOV.2017 15:23:30

11.14 11N20_100 ANT 1



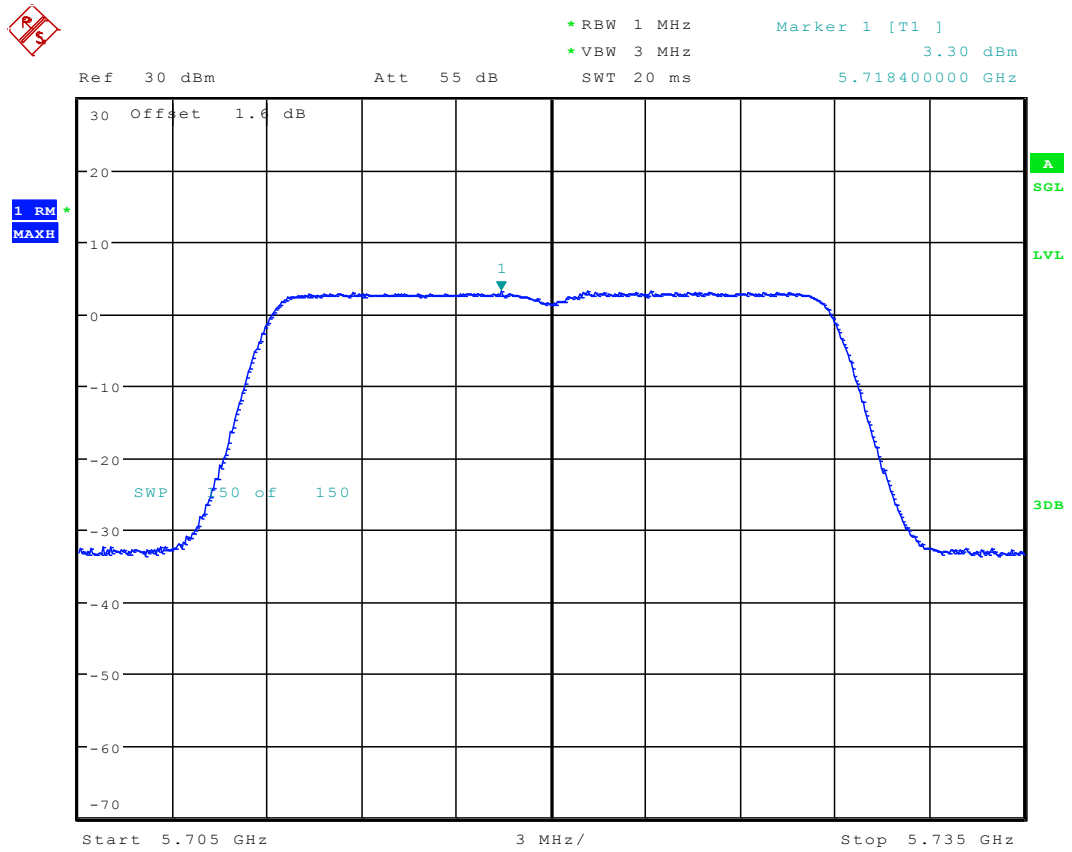
Date: 27.NOV.2017 15:29:04

11.15 11N20_140 ANT 1



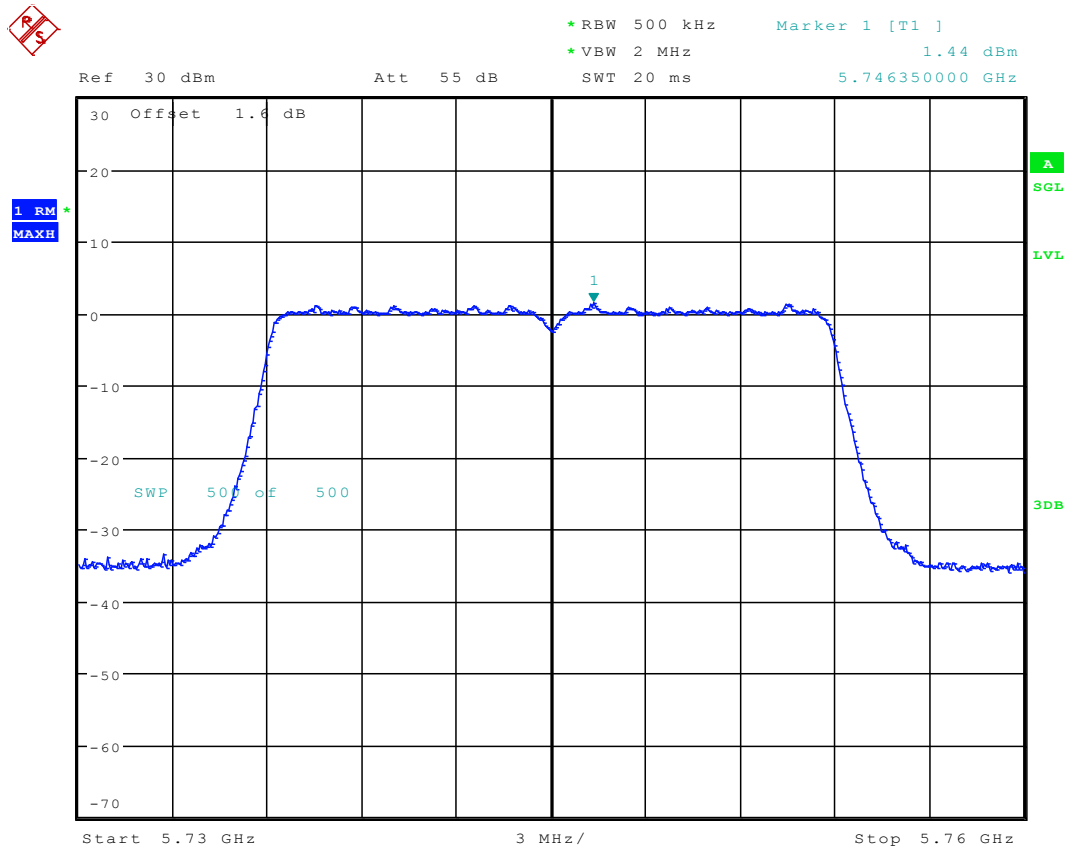
Date: 27.NOV.2017 15:33:53

11.16 11N20_144 ANT 1



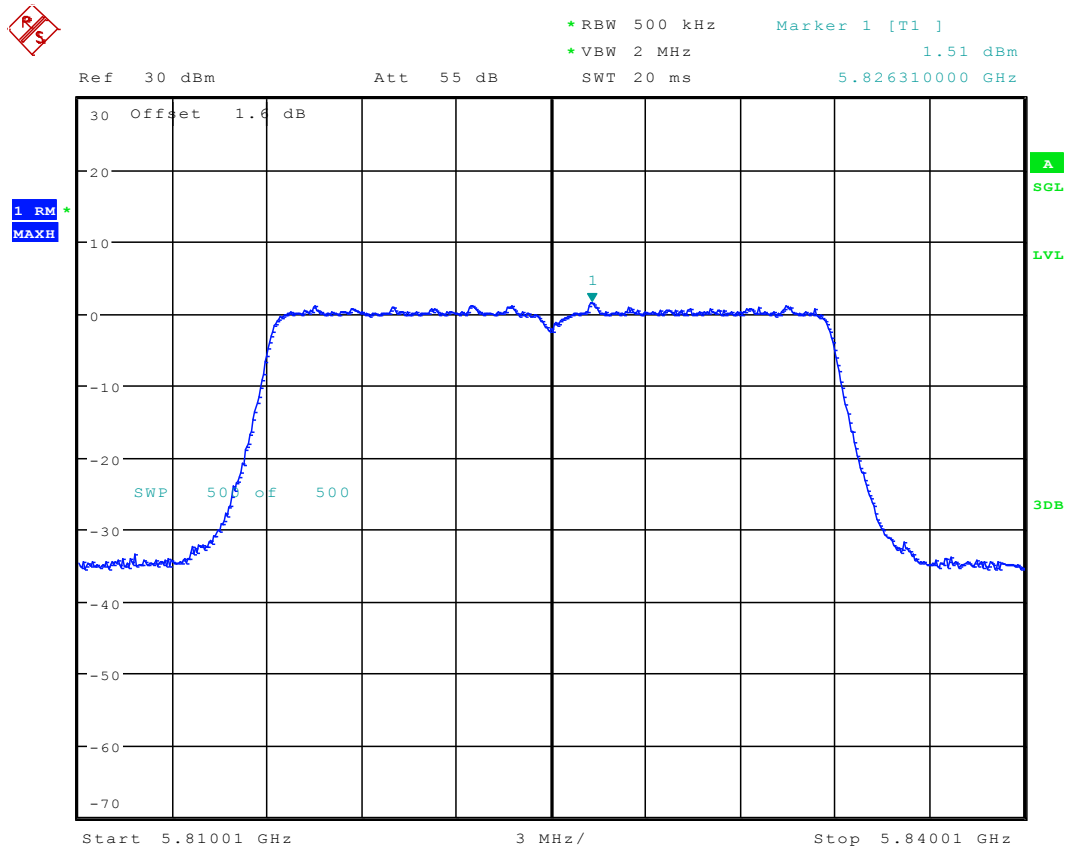
Date: 27.NOV.2017 15:43:08

11.17 11N20_149 ANT 1



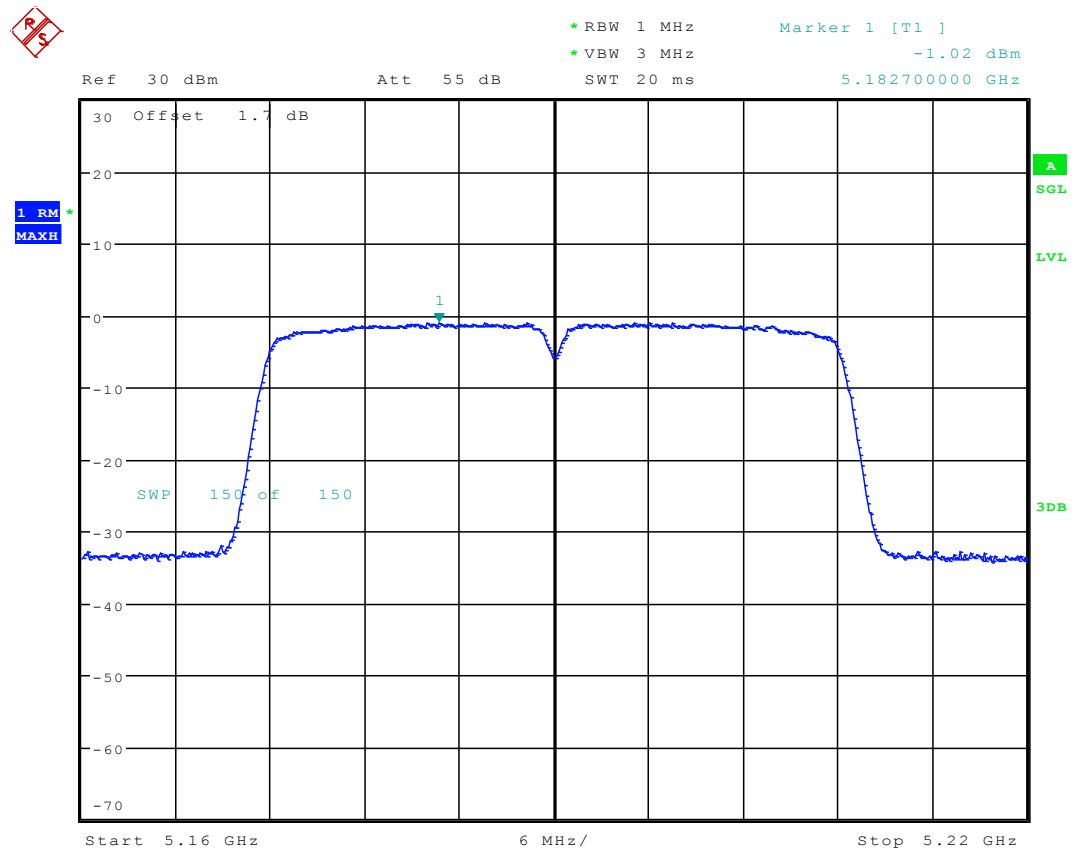
Date: 27.NOV.2017 15:47:10

11.18 11N20_165 ANT 1



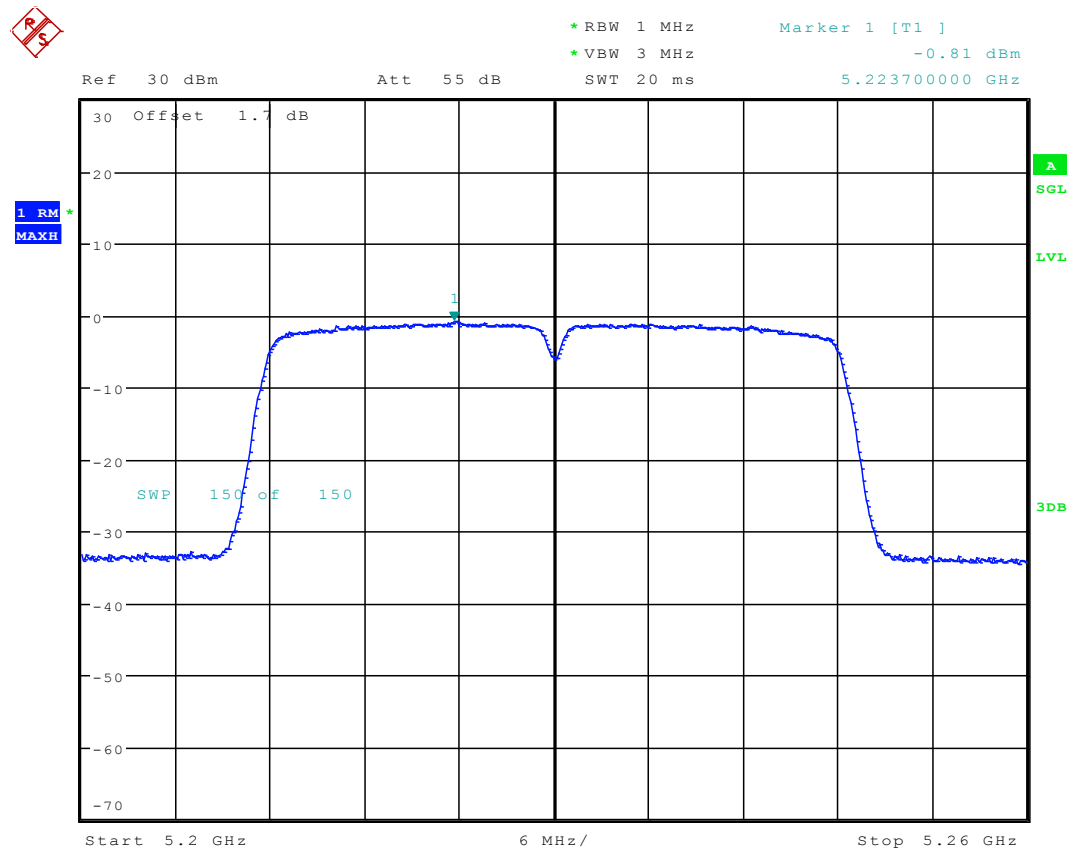
Date: 27.NOV.2017 15:50:09

11.19 11N40_38 ANT 1



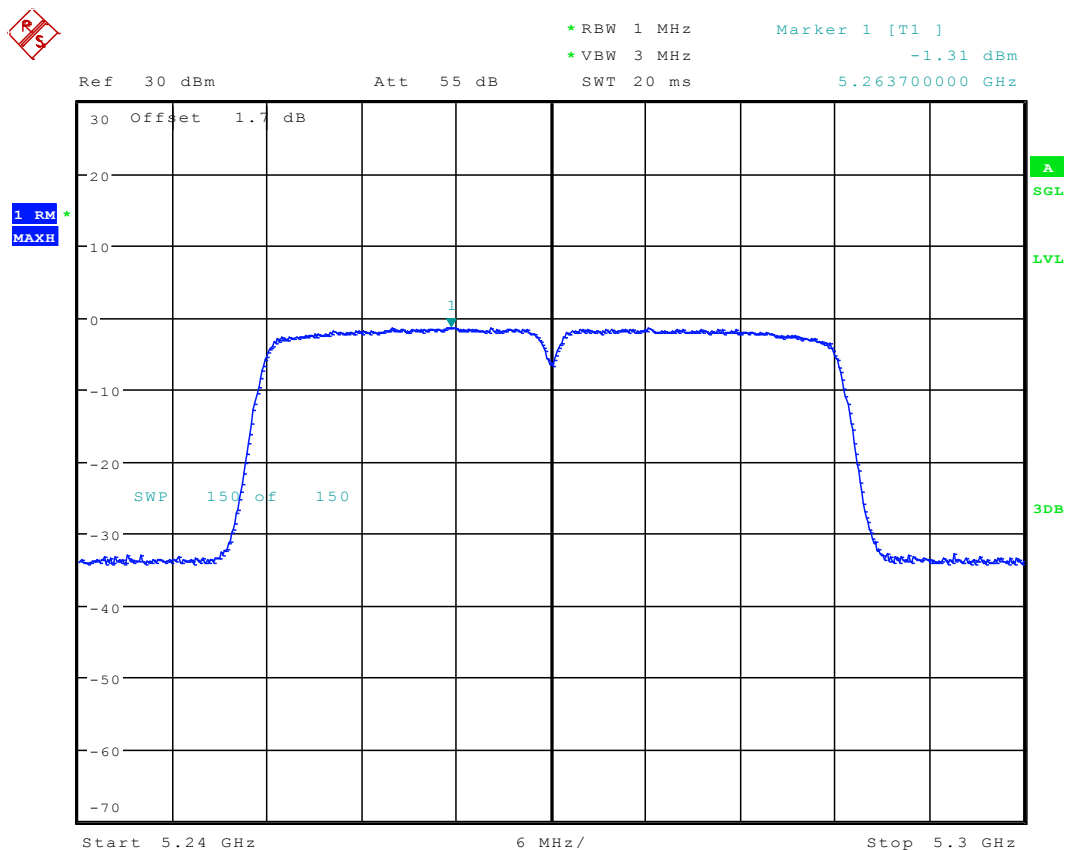
Date: 27.NOV.2017 15:55:30

11.20 11N40_46 ANT 1



Date: 27.NOV.2017 15:58:12

11.21 11N40_54 ANT 1



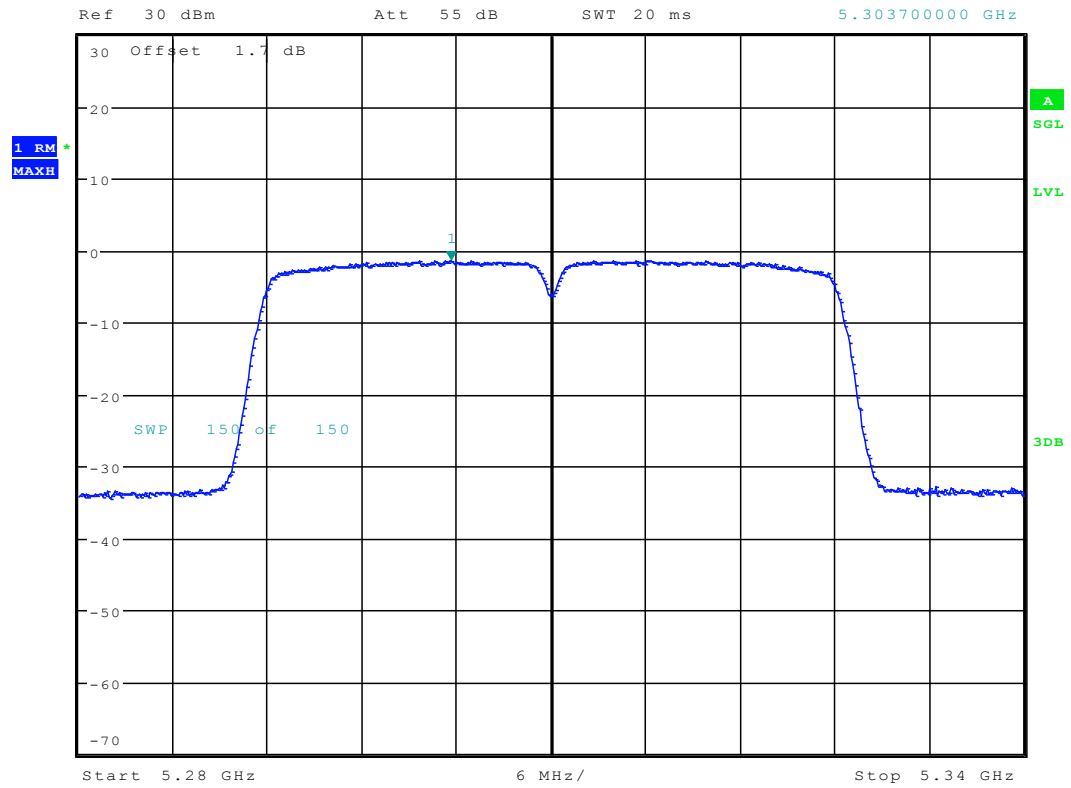
Date: 27.NOV.2017 16:01:25

11.22 11N40_62 ANT 1



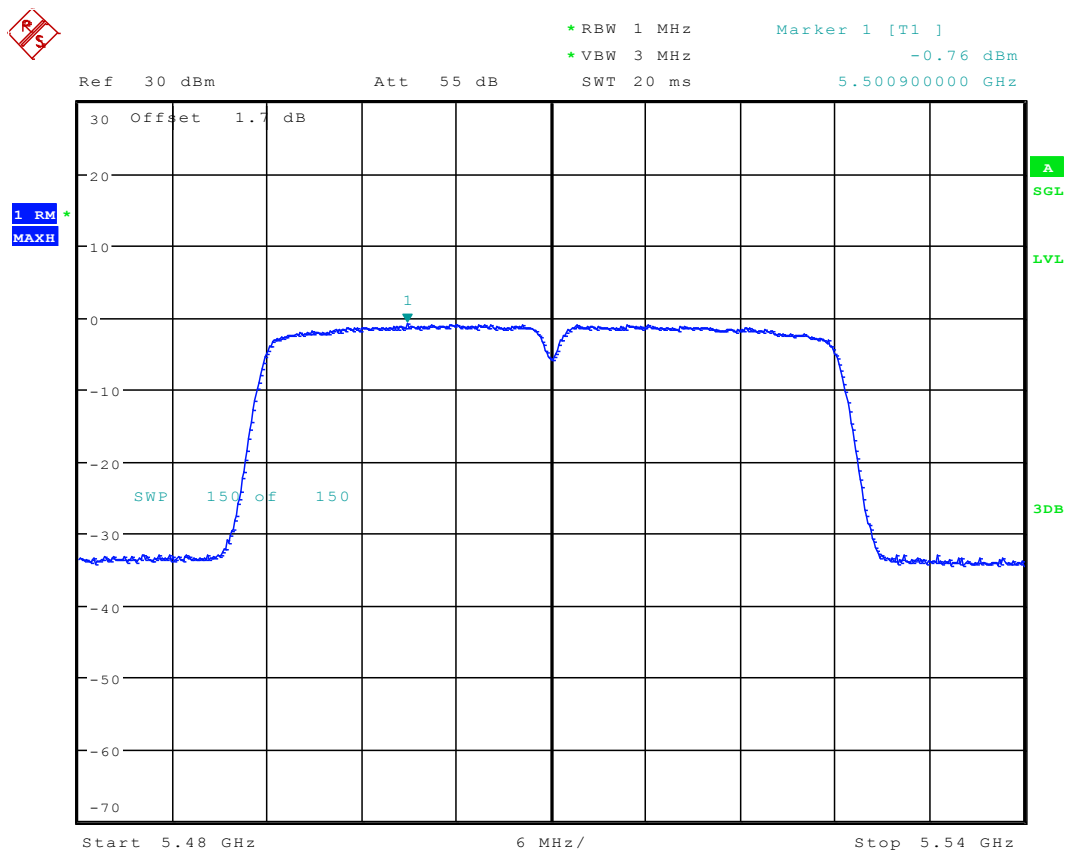
*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.34 dBm
5.303700000 GHz



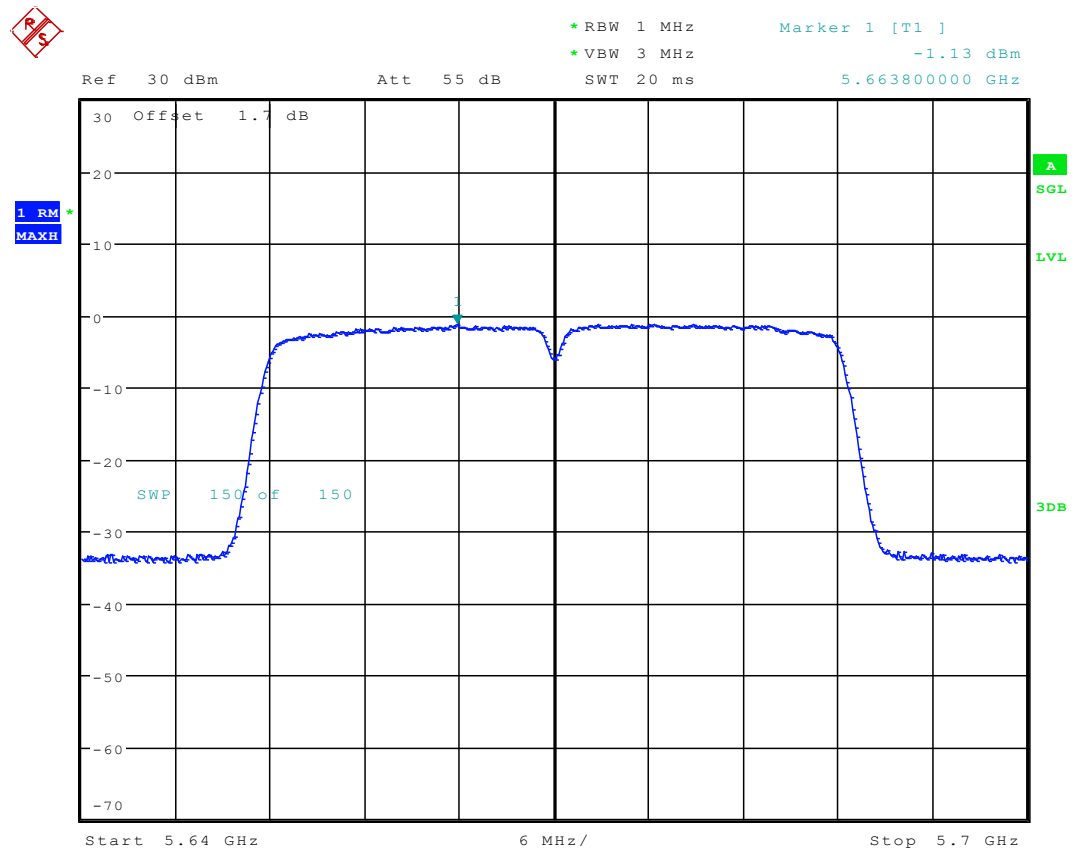
Date: 27.NOV.2017 16:04:44

11.23 11N40_102 ANT 1



Date: 27.NOV.2017 16:08:12

11.24 11N40_134 ANT 1

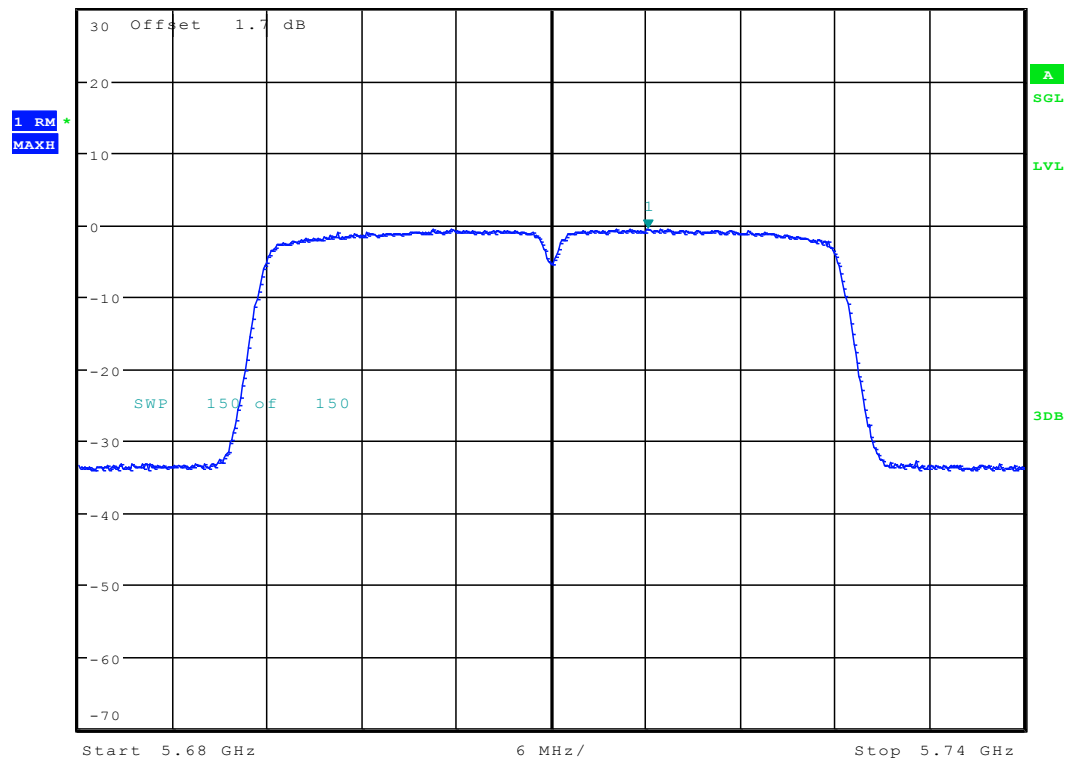


Date: 27.NOV.2017 16:12:50

11.25 11N40_142 ANT 1

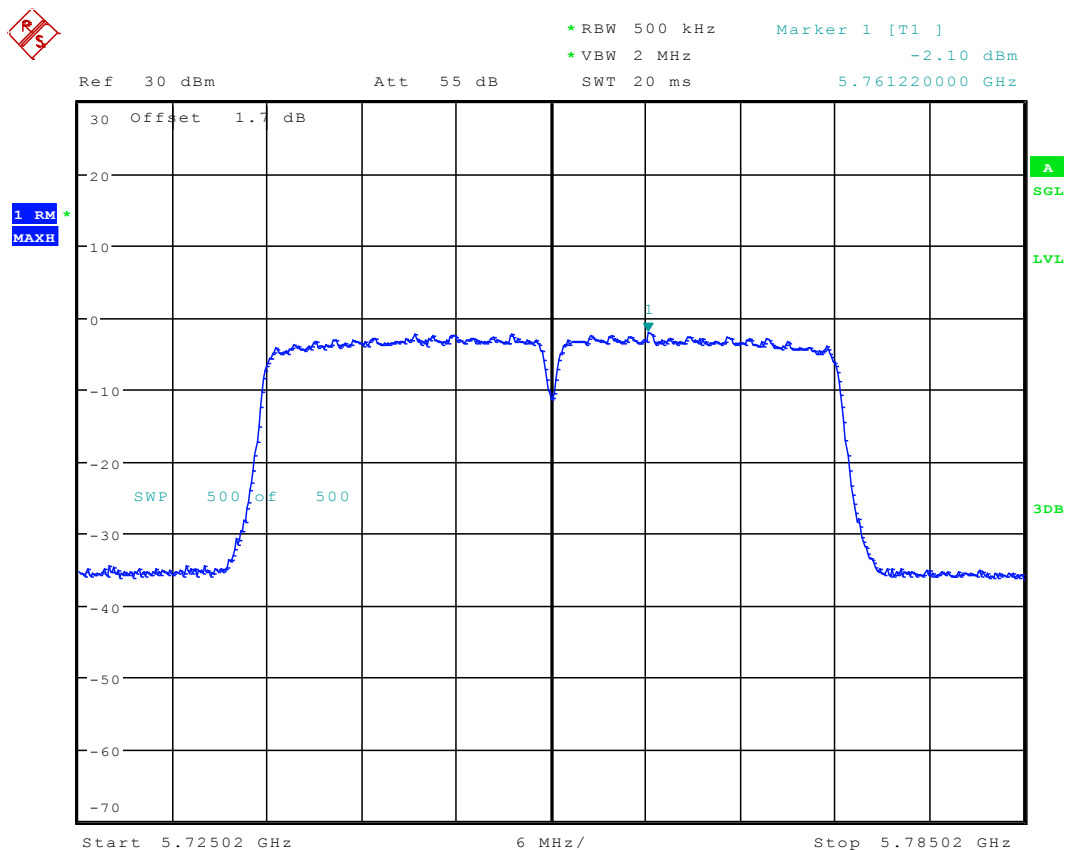


*RBW 1 MHz
*VBW 3 MHz
Marker 1 [T1]
-0.49 dBm
Ref 30 dBm Att 55 dB SWT 20 ms 5.71620000 GHz



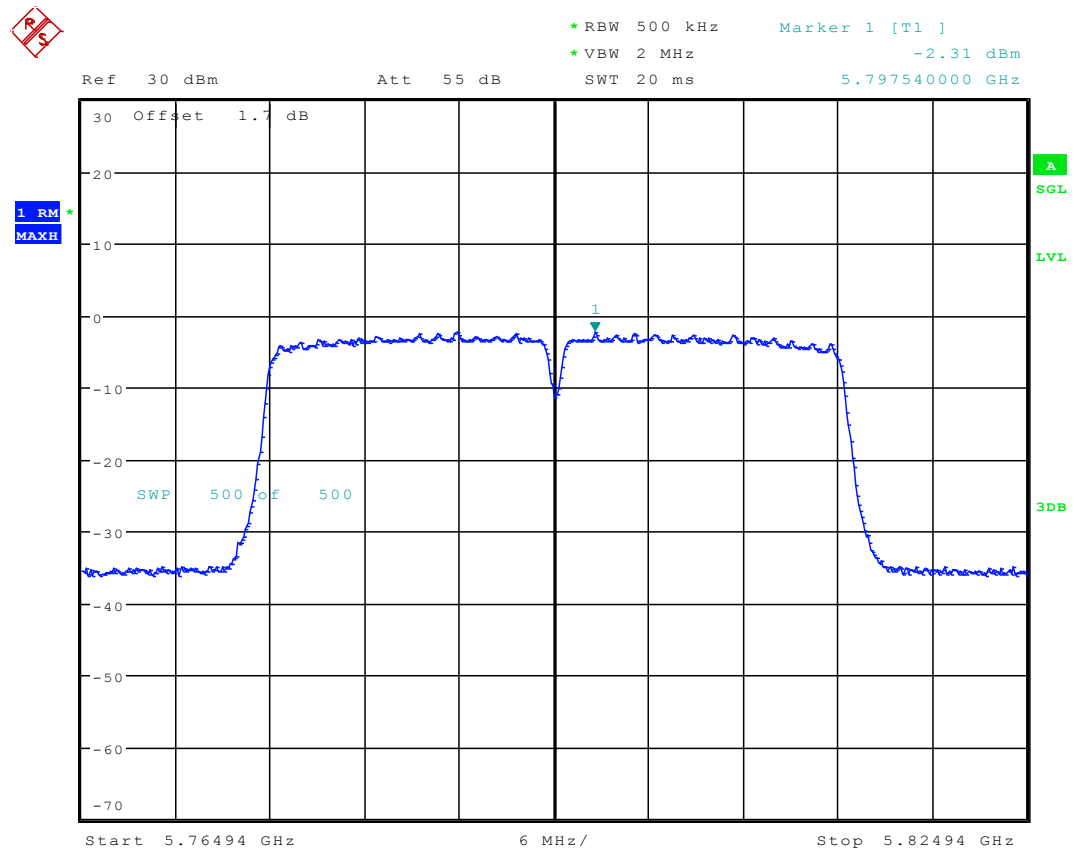
Date: 27.NOV.2017 16:17:52

11.26 11N40_151 ANT 1



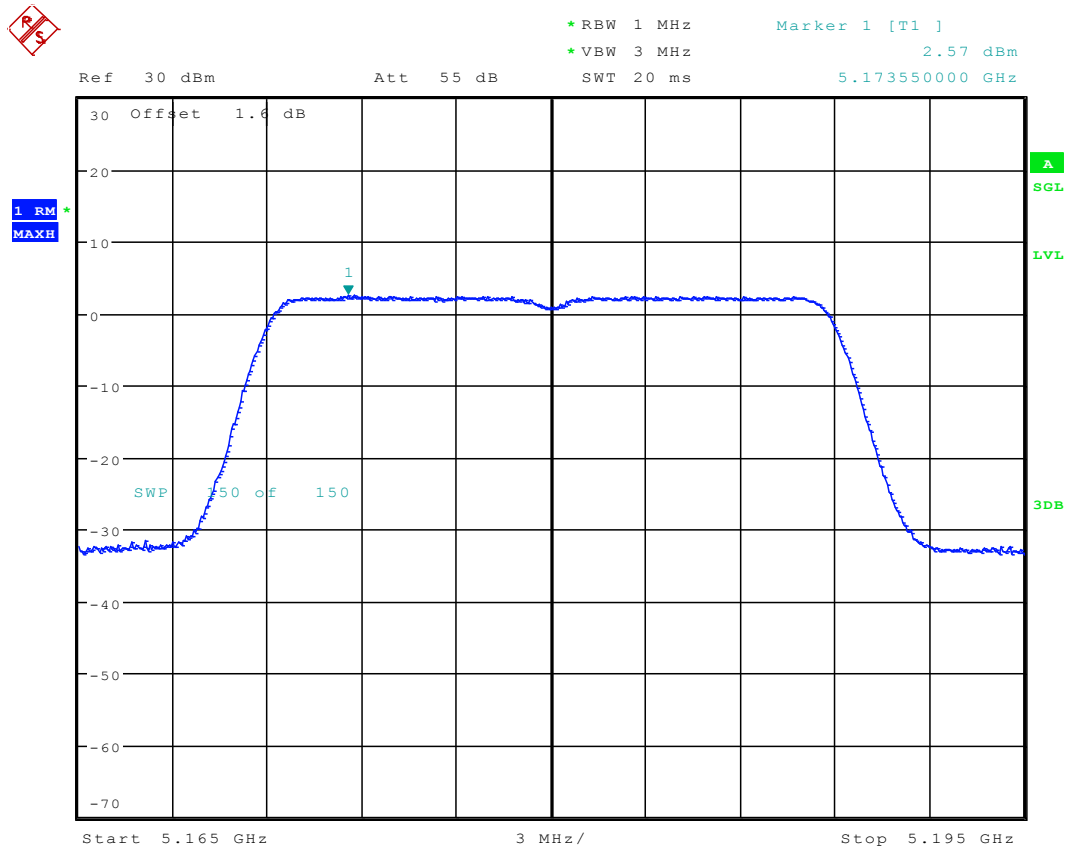
Date: 27.NOV.2017 16:21:27

11.27 11N40_159 ANT 1



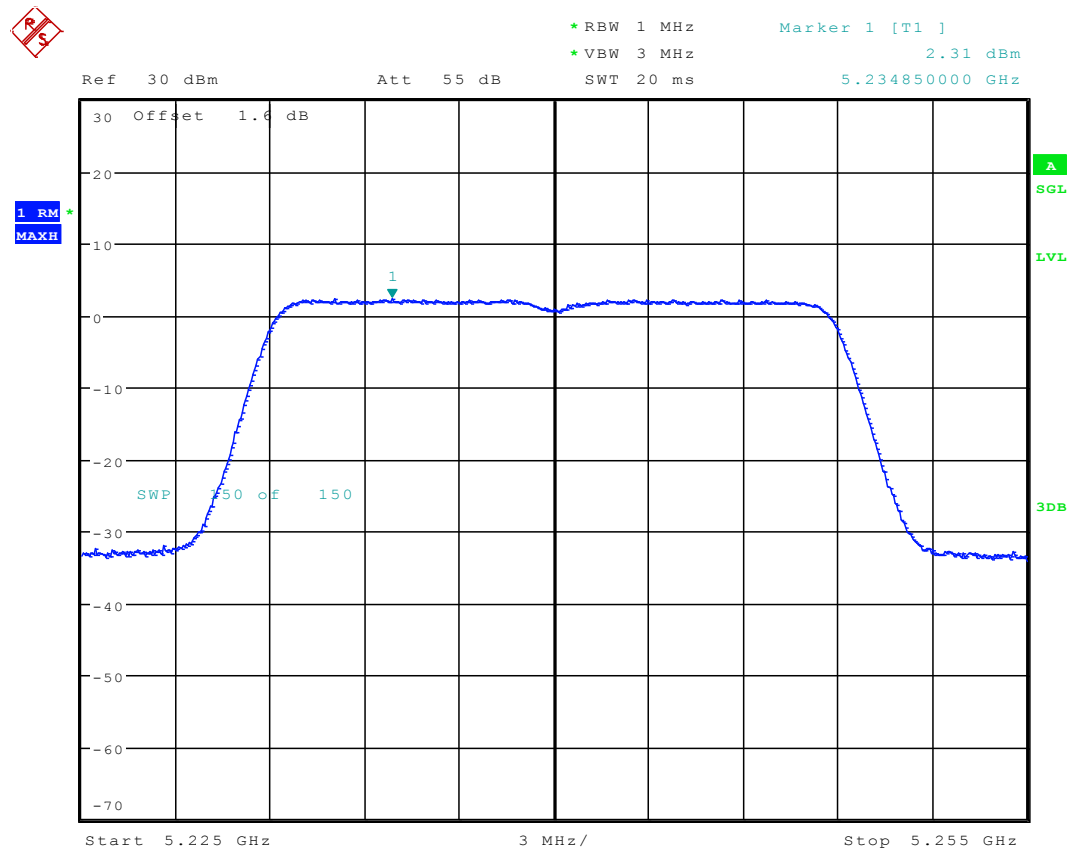
Date: 27.NOV.2017 16:27:01

11.28 11AC20_36 ANT 1



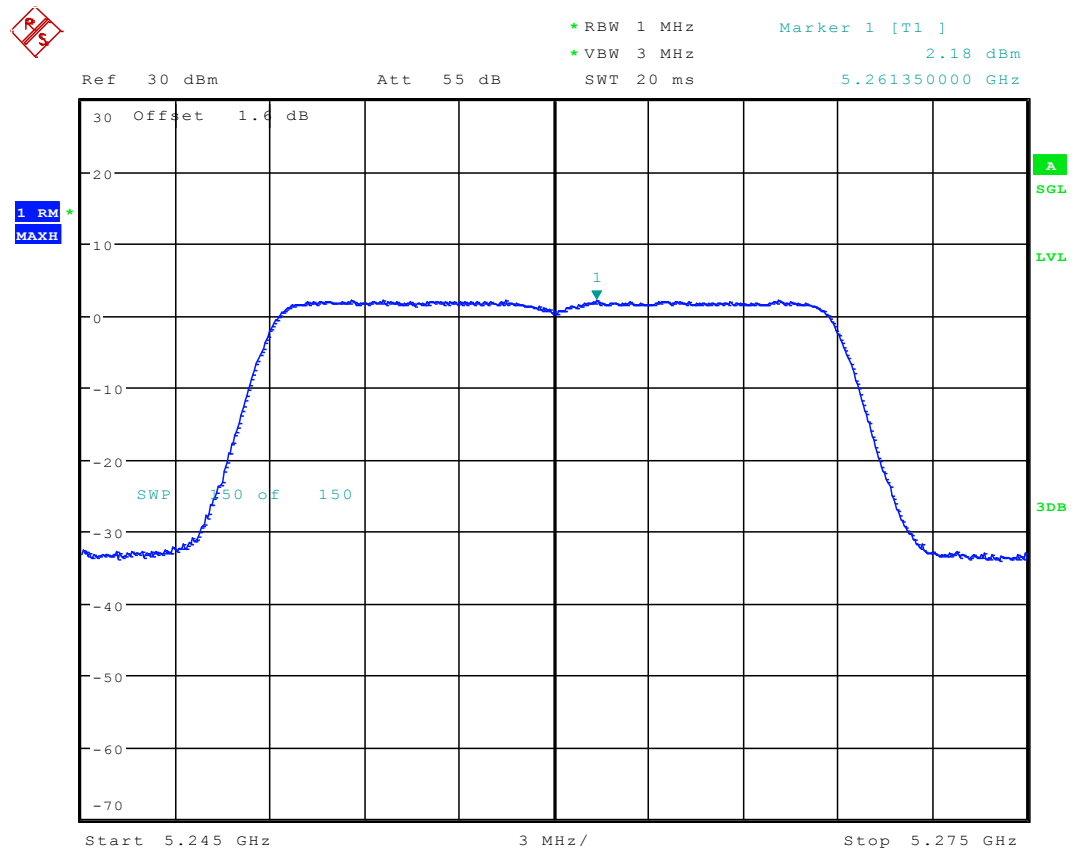
Date: 27.NOV.2017 16:32:03

11.29 11AC20_48 ANT 1



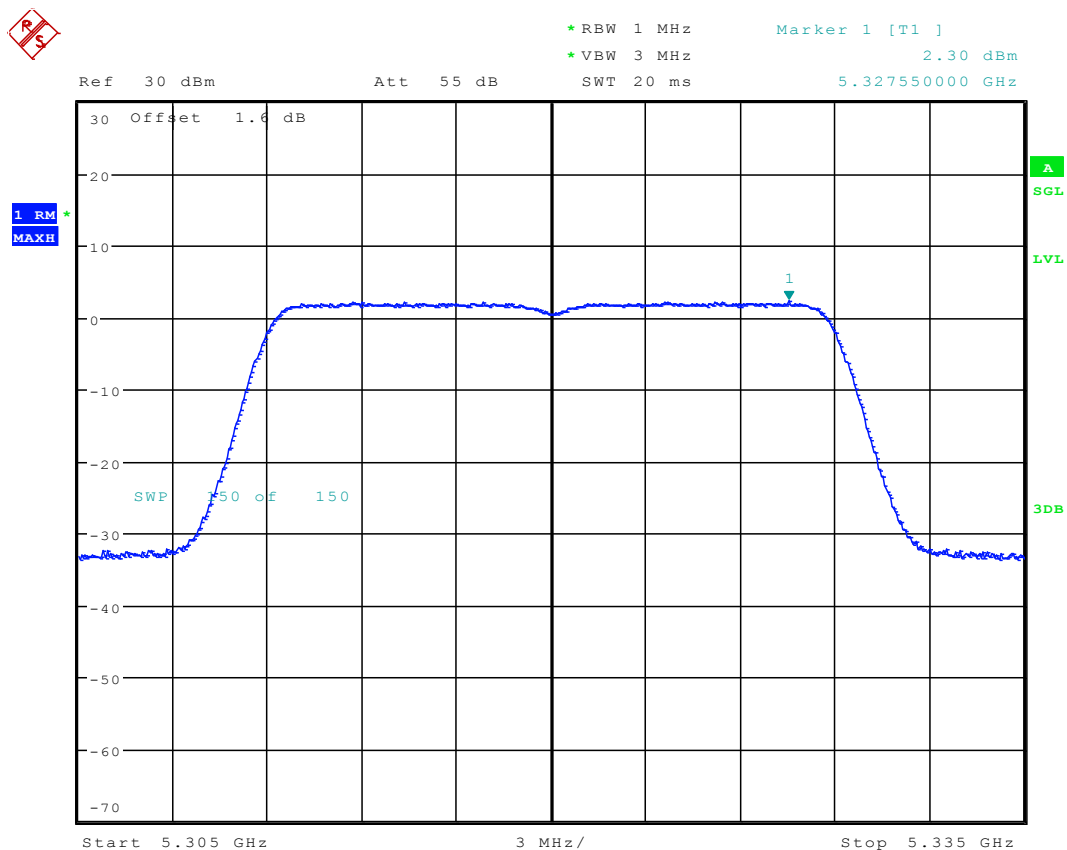
Date: 27.NOV.2017 16:34:53

11.30 11AC20_52 ANT 1



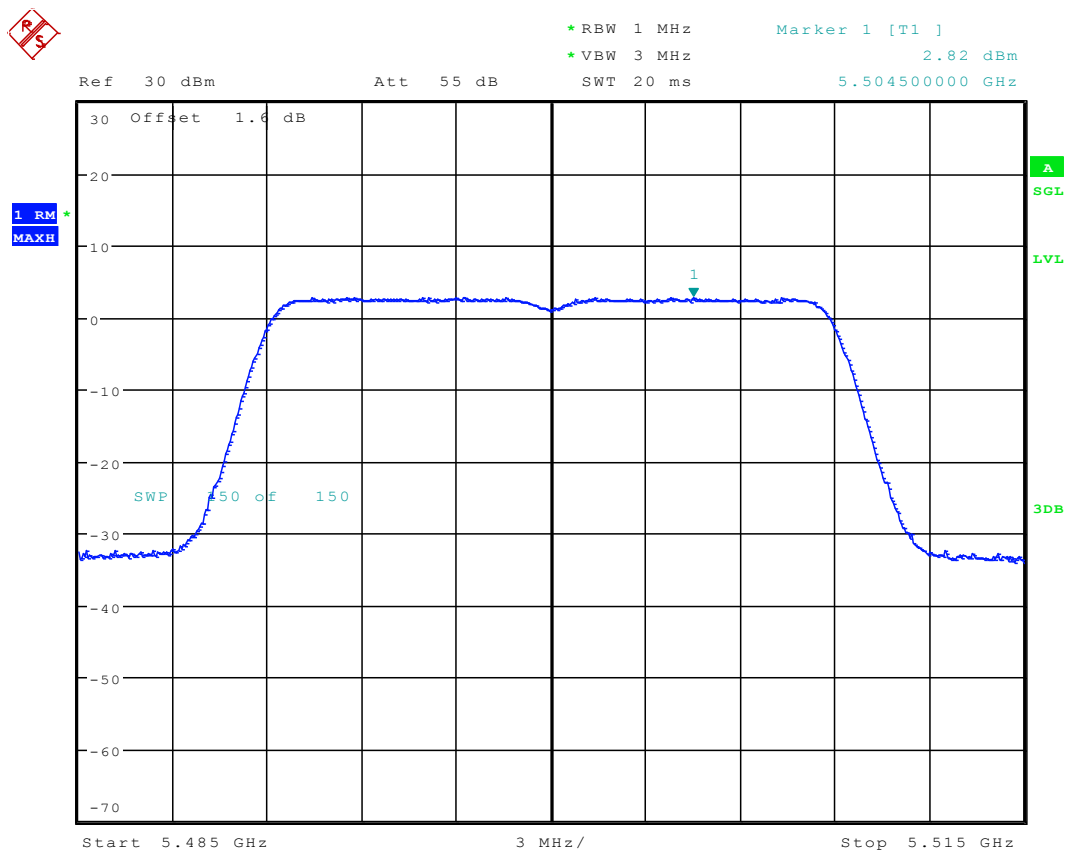
Date: 27.NOV.2017 16:38:18

11.31 11AC20_64 ANT 1



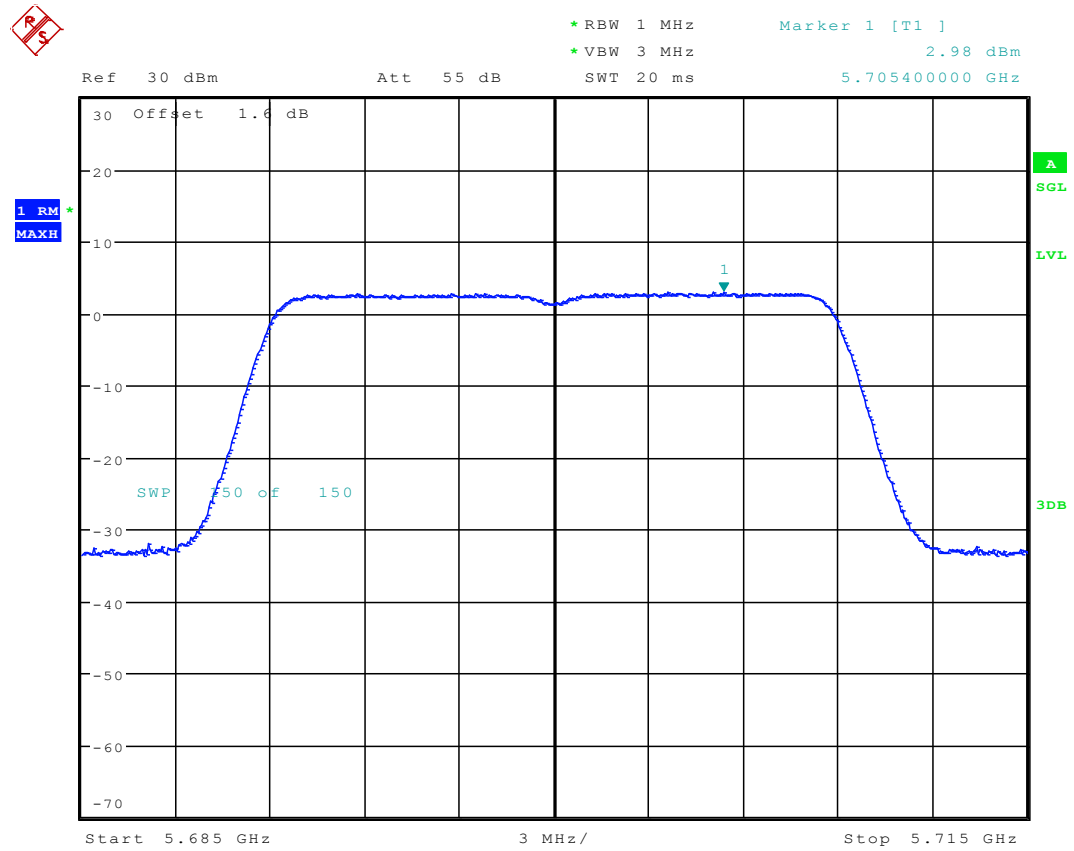
Date: 27.NOV.2017 16:44:08

11.32 11AC20_100 ANT 1



Date: 27.NOV.2017 17:38:38

11.33 11AC20_140 ANT 1

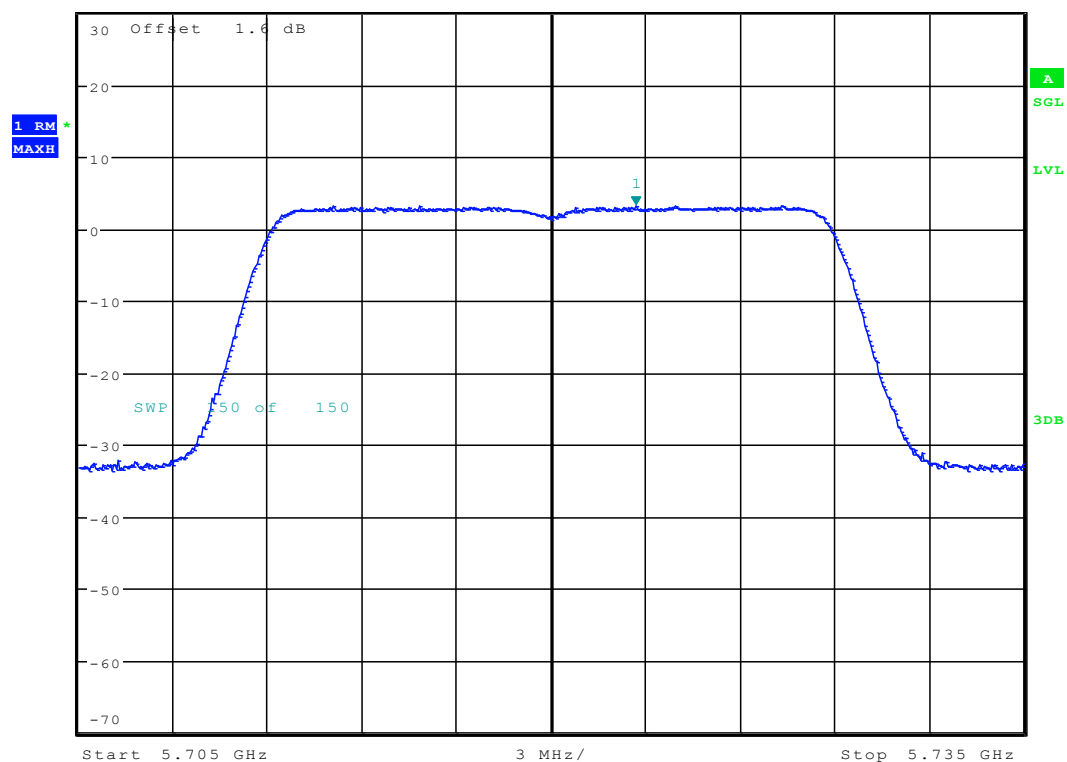


Date: 27.NOV.2017 17:42:46

11.34 11AC20_144 ANT 1

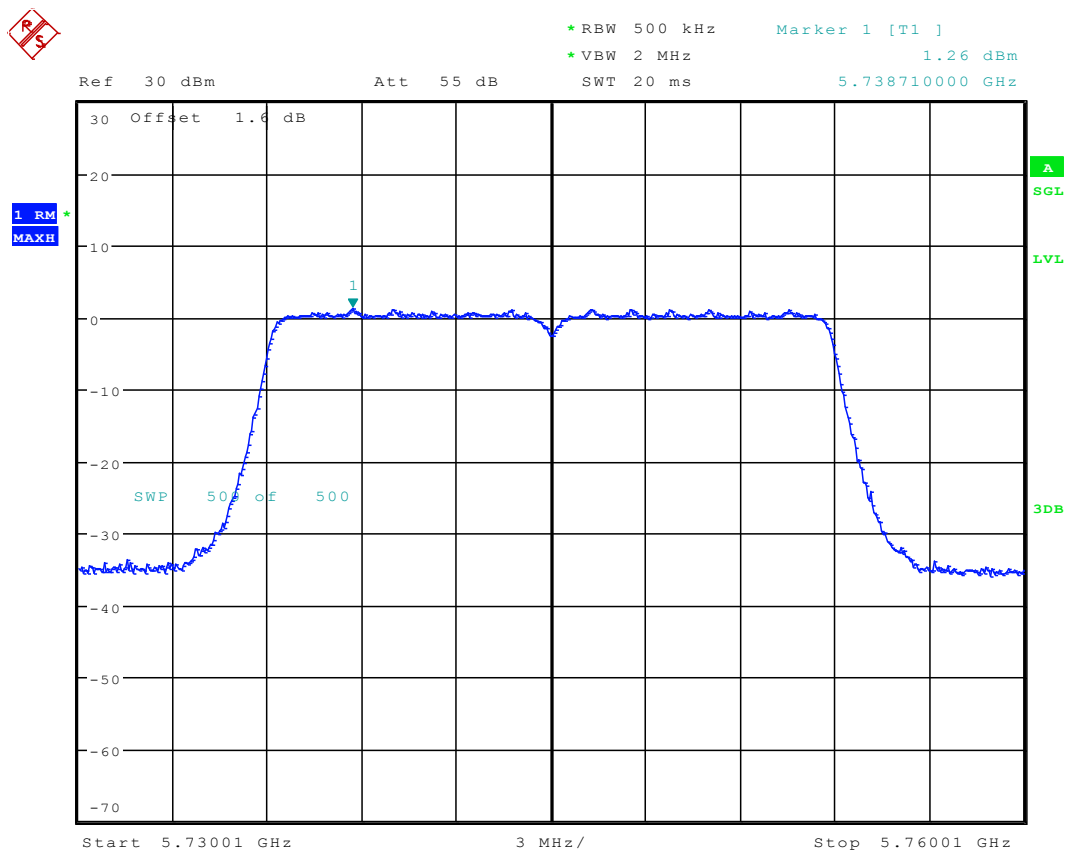


*RBW 1 MHz
*VBW 3 MHz
Marker 1 [T1]
3.28 dBm
Ref 30 dBm Att 55 dB SWT 20 ms 5.722700000 GHz



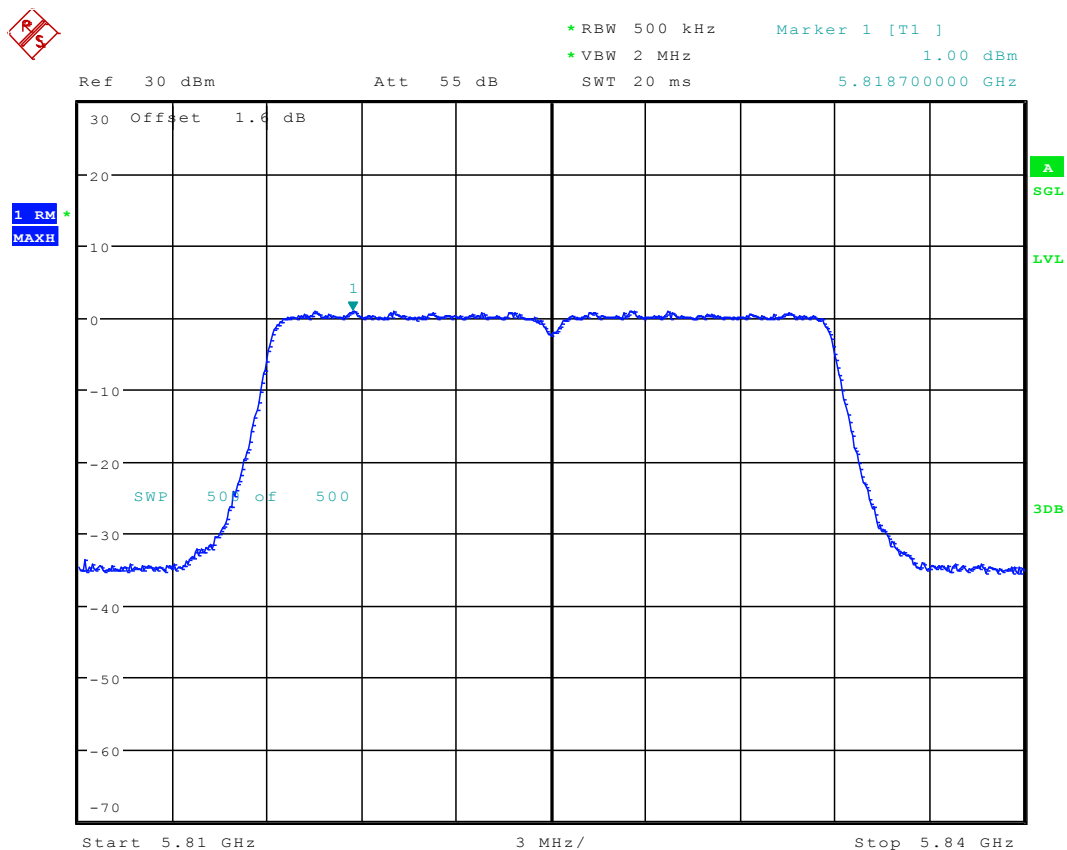
Date: 27.NOV.2017 17:45:42

11.35 11AC20_149 ANT 1



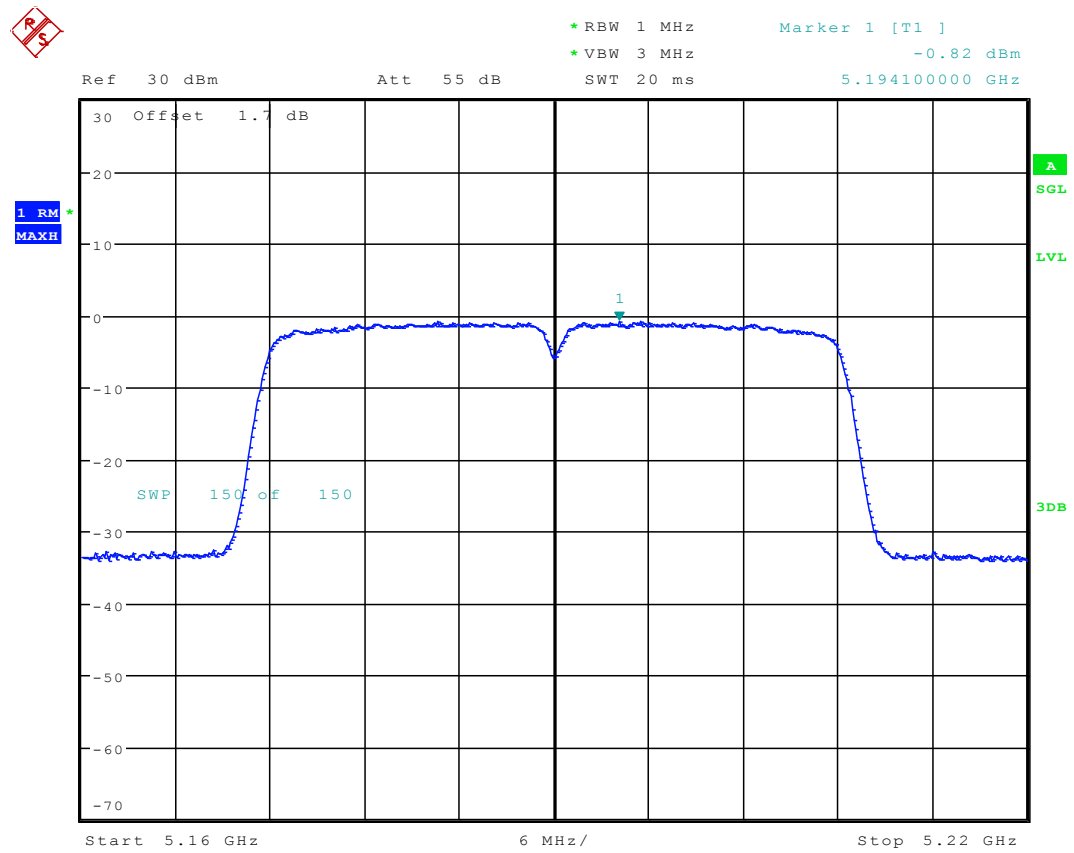
Date: 27.NOV.2017 17:52:41

11.36 11AC20_165 ANT 1



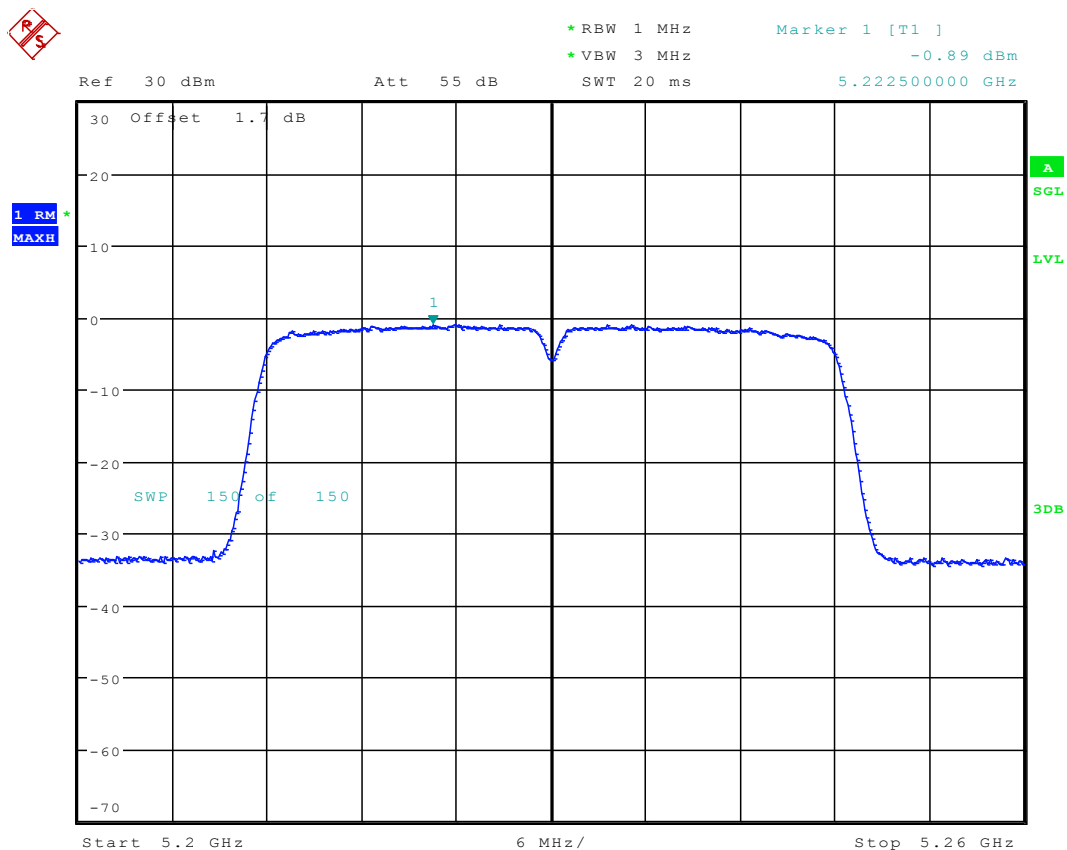
Date: 27.NOV.2017 18:00:03

11.37 11AC40_38 ANT 1



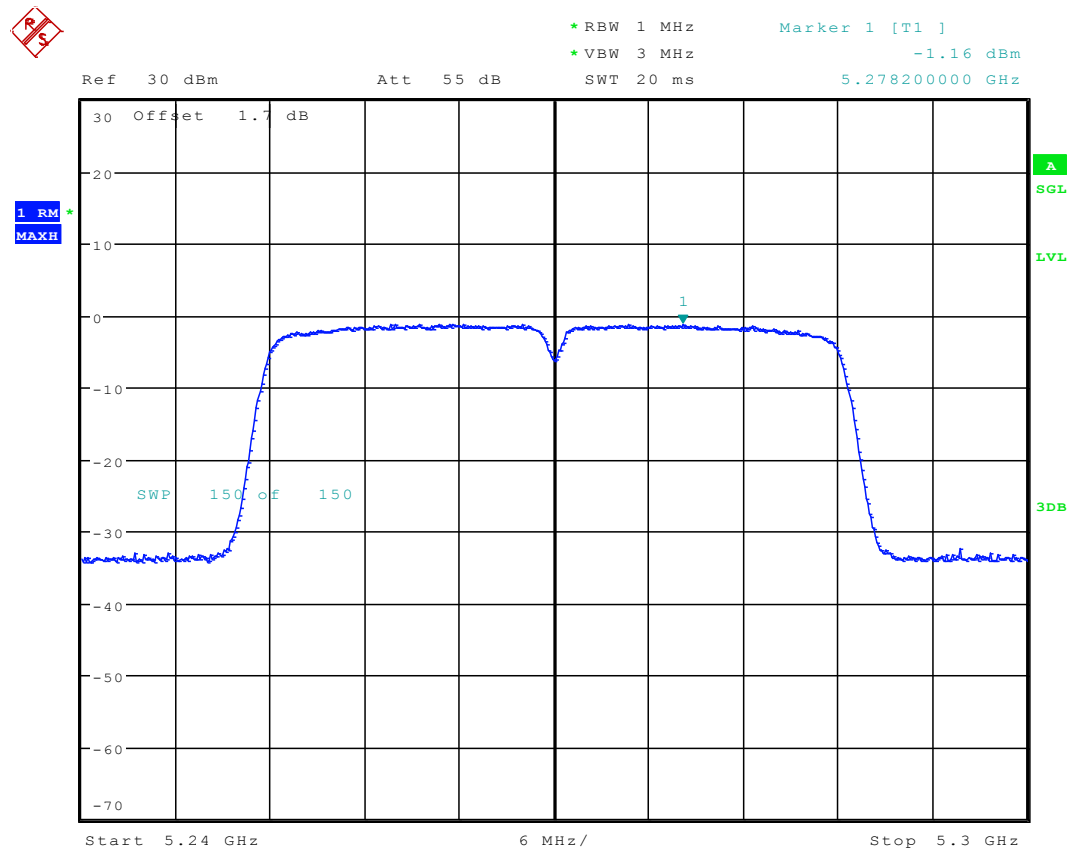
Date: 27.NOV.2017 18:06:01

11.38 11AC40_46 ANT 1



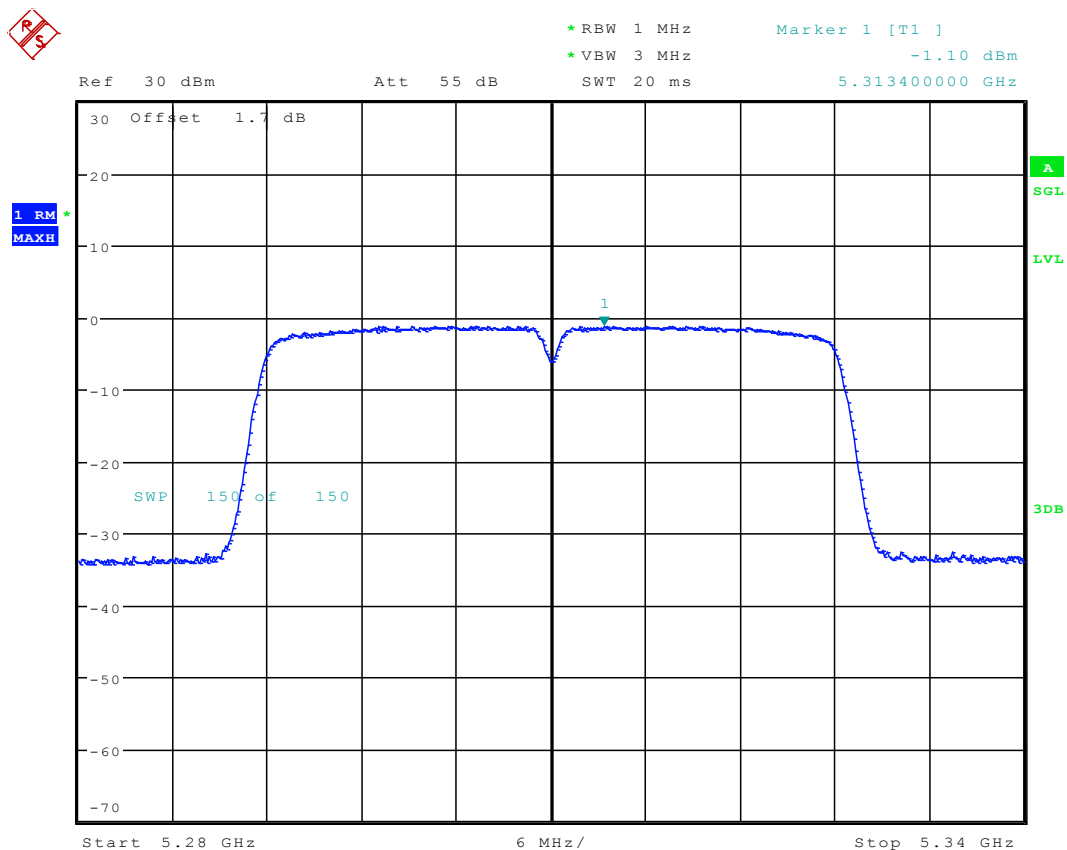
Date: 27.NOV.2017 18:10:33

11.39 11AC40_54 ANT 1



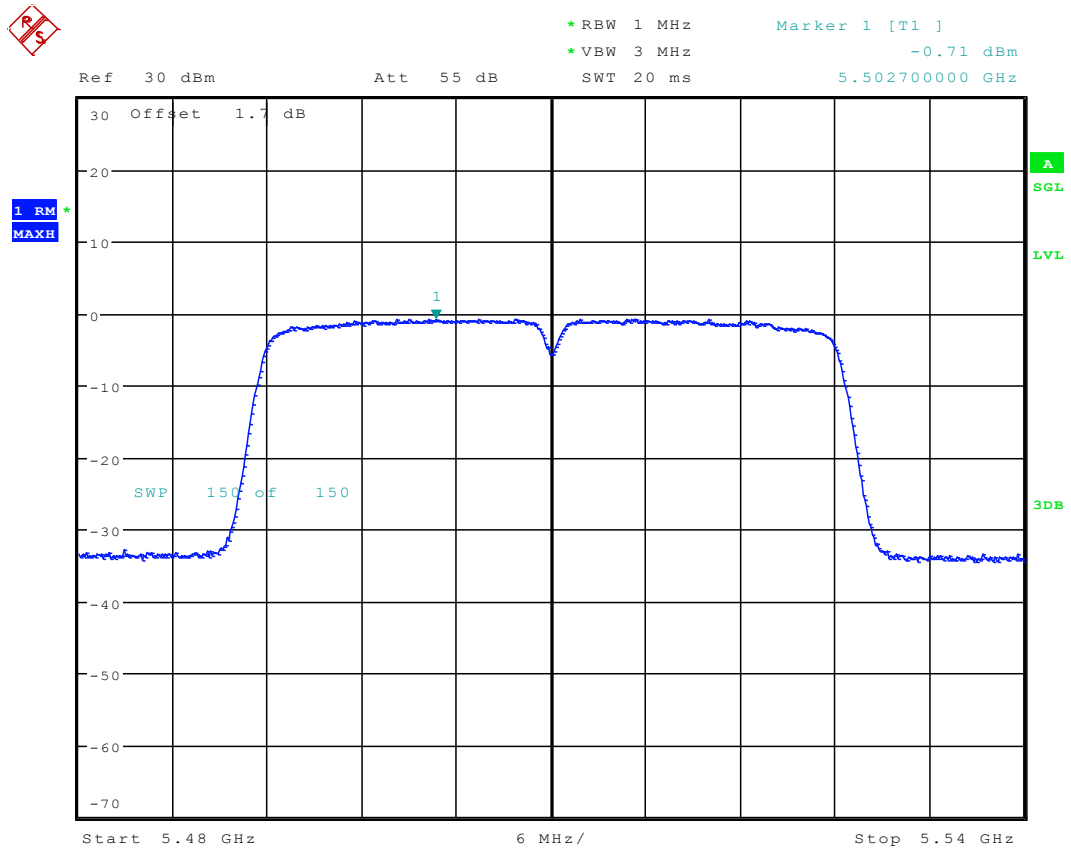
Date: 27.NOV.2017 18:29:31

11.40 11AC40_62 ANT 1



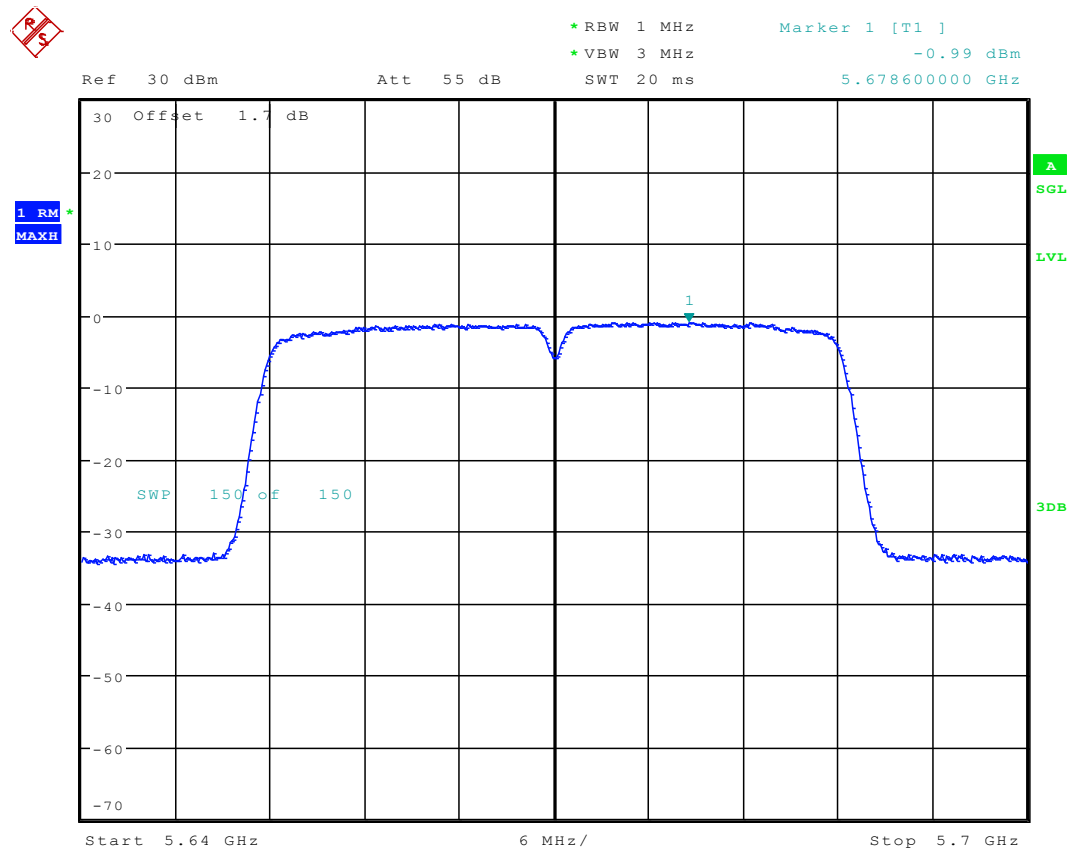
Date: 27.NOV.2017 18:34:18

11.41 11AC40_102 ANT 1



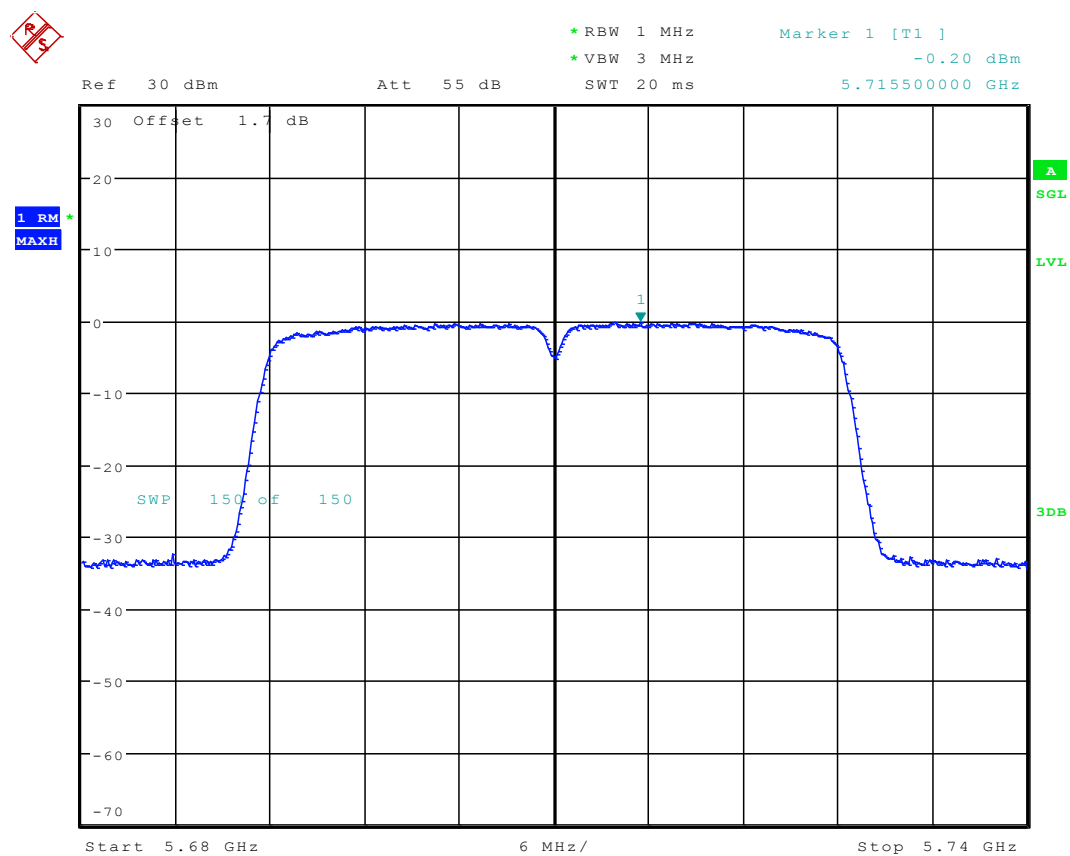
Date: 27.NOV.2017 18:37:50

11.42 11AC40_134 ANT 1



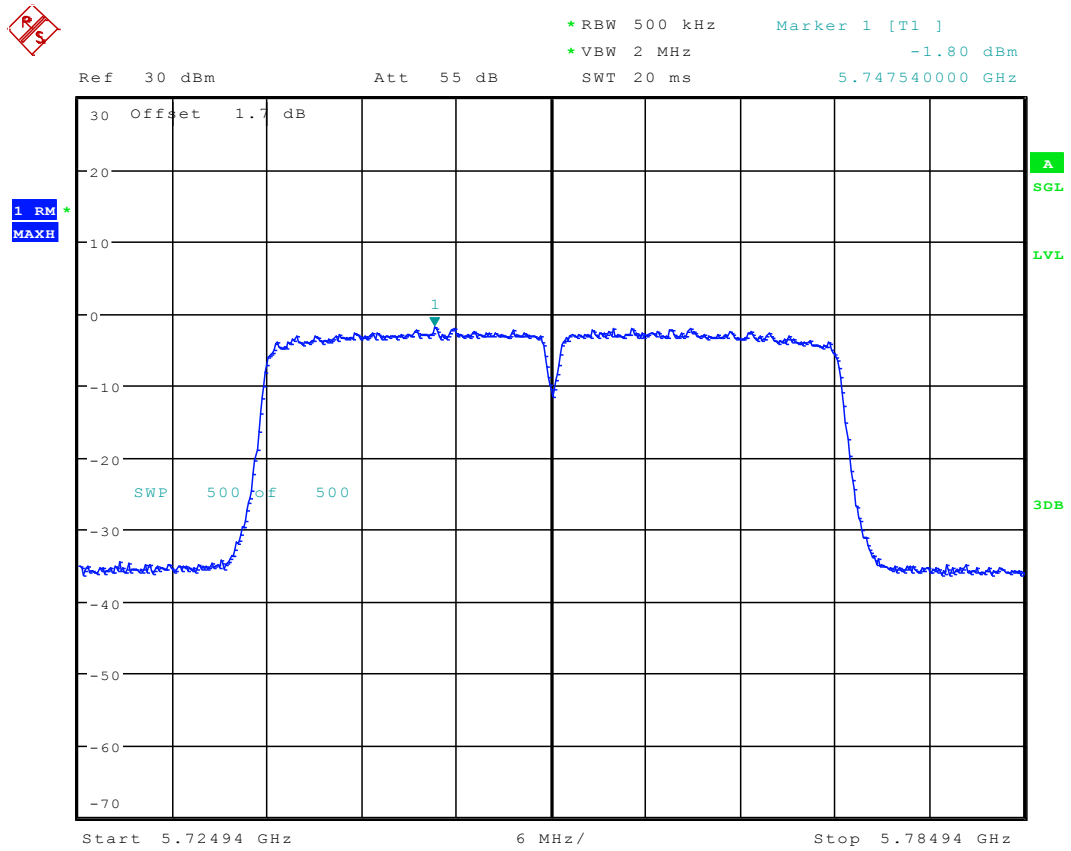
Date: 27.NOV.2017 18:41:07

11.43 11AC40_142 ANT 1



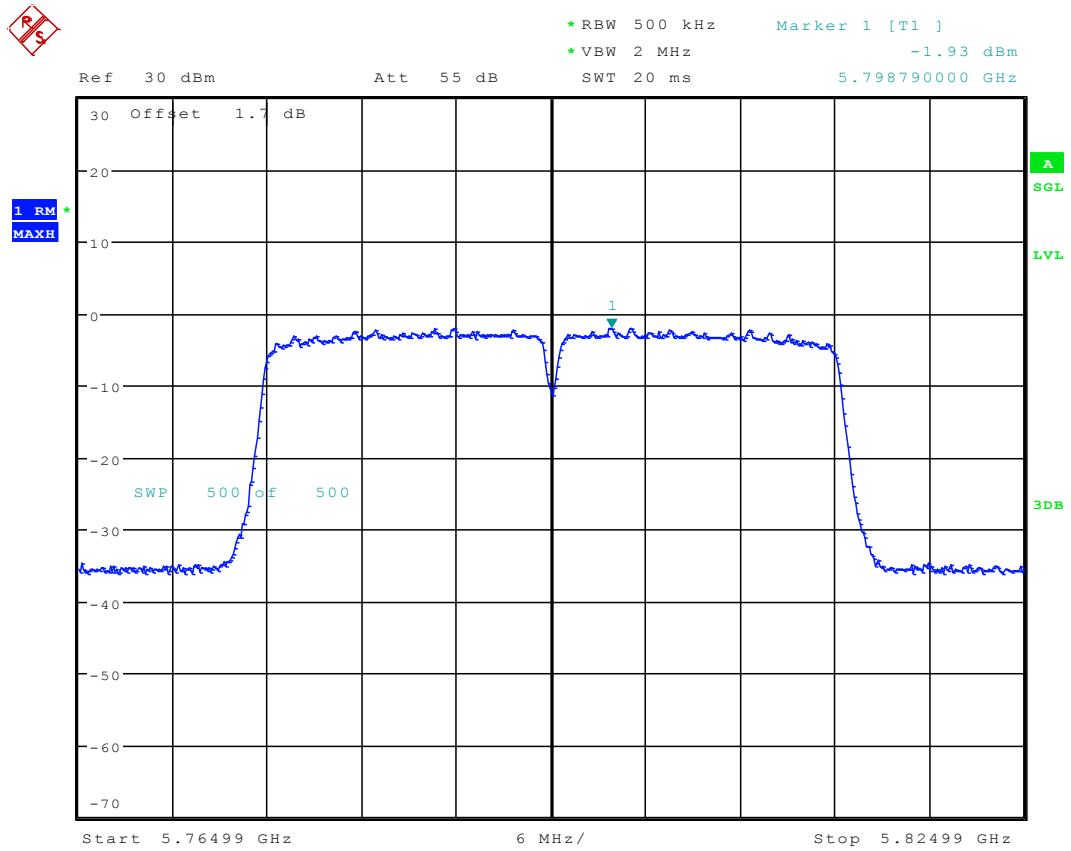
Date: 27.NOV.2017 18:44:41

11.44 11AC40_151 ANT 1



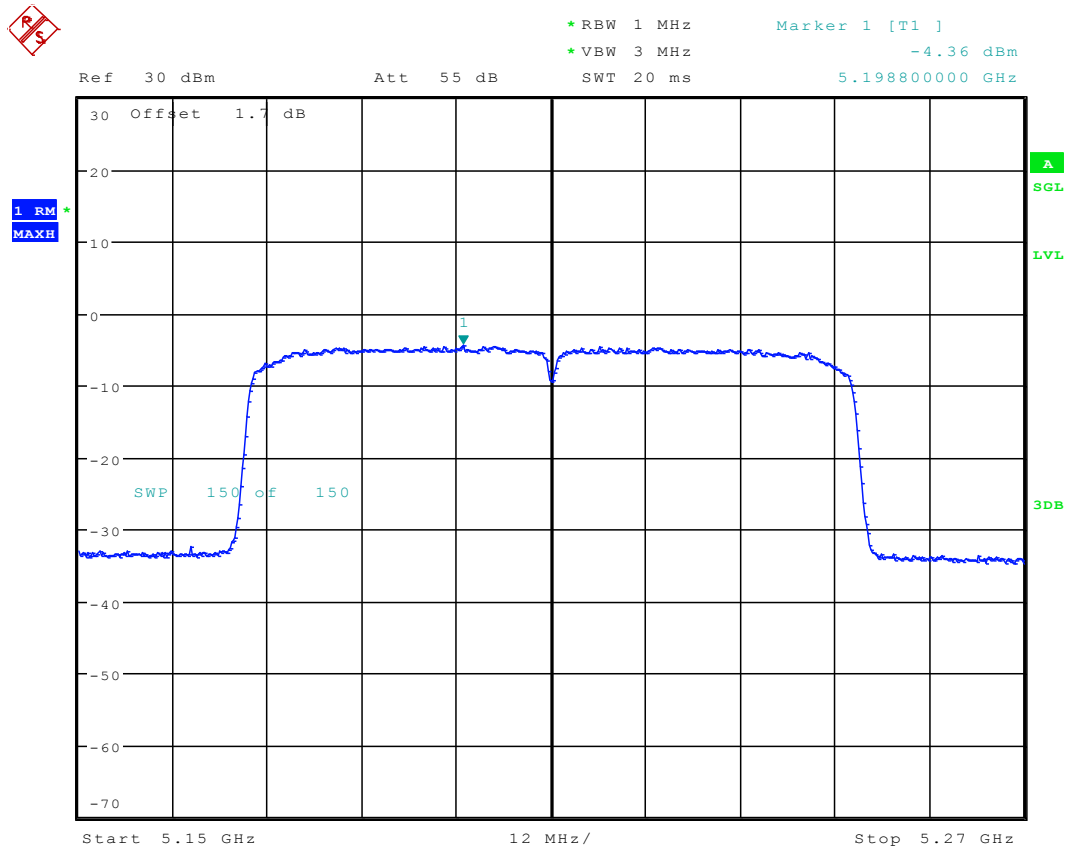
Date: 27.NOV.2017 18:49:52

11.45 11AC40_159 ANT 1



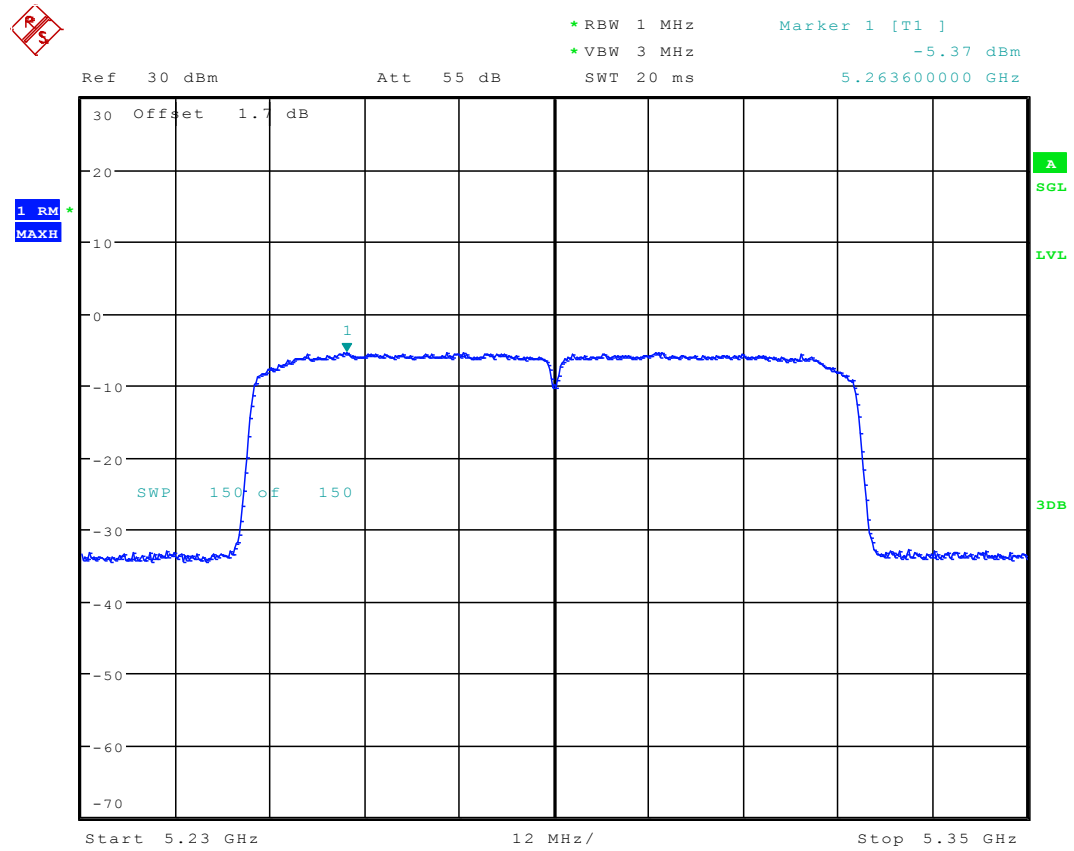
Date: 27.NOV.2017 18:54:21

11.46 11AC80_42 ANT 1



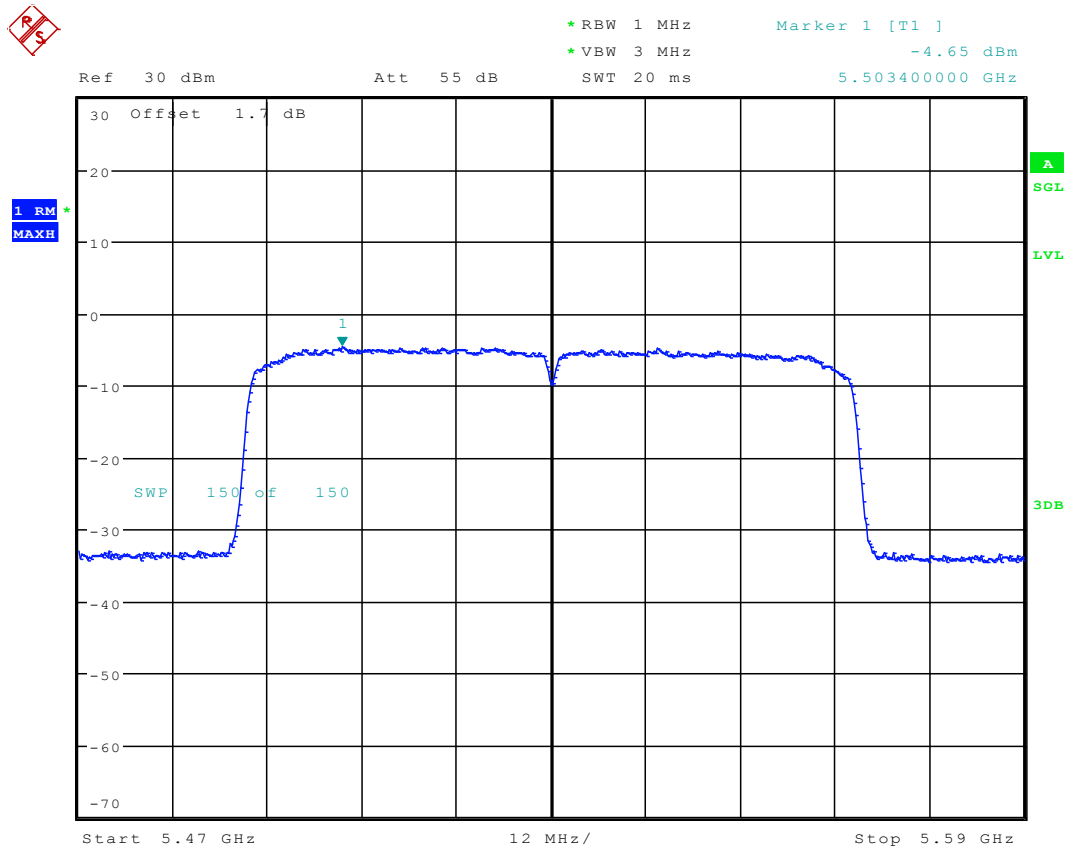
Date: 27.NOV.2017 18:59:18

11.47 11AC80_58 ANT 1



Date: 27.NOV.2017 19:02:33

11.48 11AC80_106 ANT 1

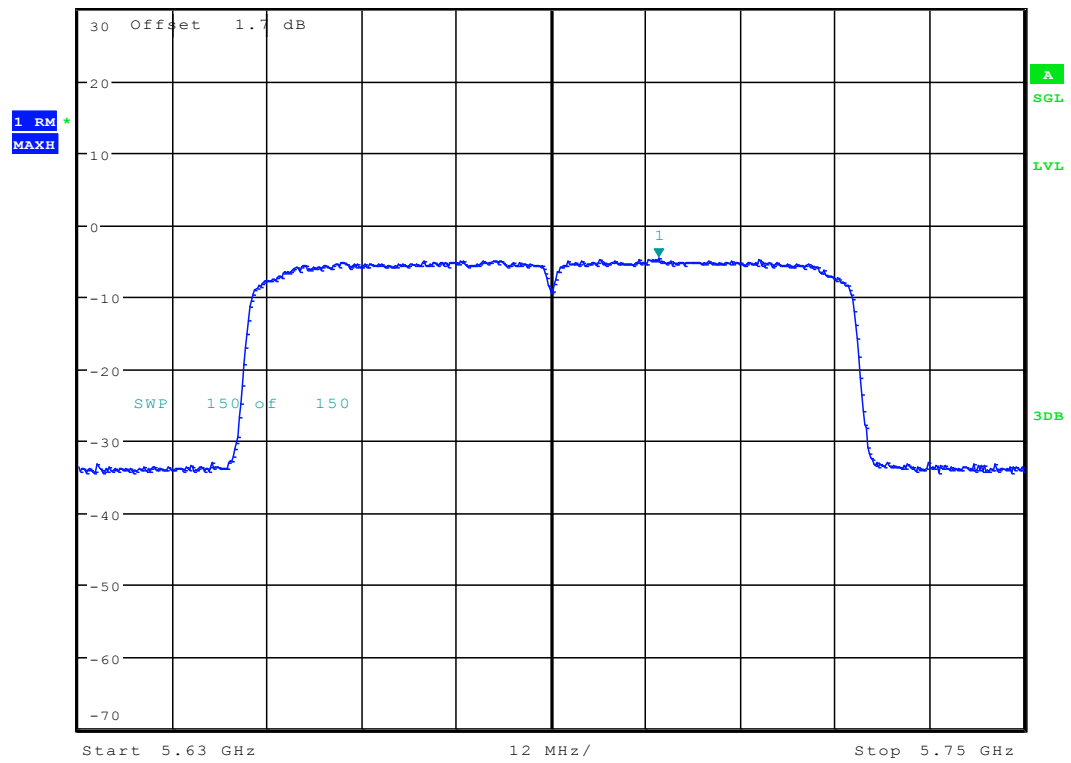


Date: 27.NOV.2017 19:07:57

11.49 11AC80_138 ANT 1

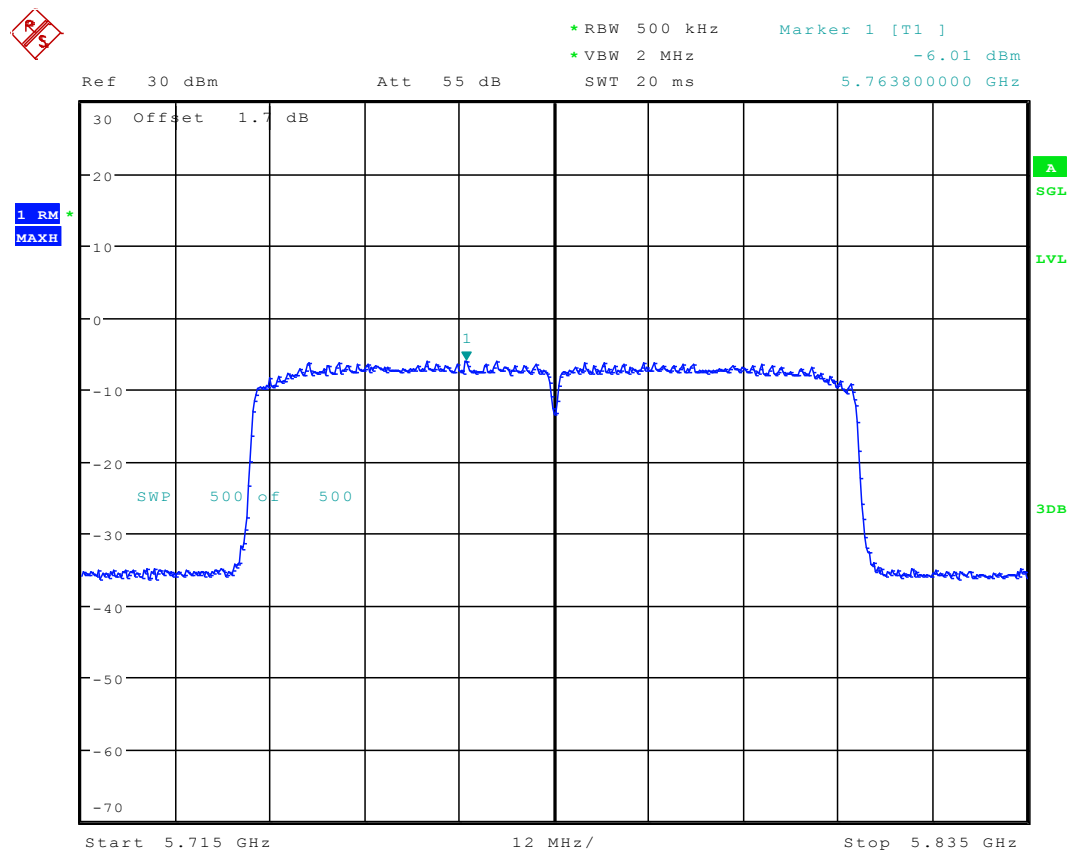


*RBW 1 MHz
*VBW 3 MHz
Marker 1 [T1]
-4.66 dBm
Ref 30 dBm Att 55 dB SWT 20 ms 5.703600000 GHz



Date: 27.NOV.2017 19:21:32

11.50 11AC80_155 ANT 1



Date: 27.NOV.2017 19:26:28

Appendix F: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Fequency (MHz)
	5180
V nom(V)	5180.0077
V max(V)	5180.0069
V min(V)	5180.0087
Max. Deviation Frequency	0.0087
Max. Frequency Error (ppm)	1.68

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Fequency (MHz)
	5180
-5	5180.0084
5	5180.0045
15	5180.0073
25	5180.0076
35	5180.0092
45	5180.0074
50	5180.0087
Max. Deviation Frequency	0.0092
Max. Frequency Error (ppm)	1.78

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5825
V nom(V)	5825.0059
V max(V)	5825.0068
V min(V)	5825.0063
Max. Deviation Frequency	0.0068
Max. Frequency Error (ppm)	1.17

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5825
-5	5825.0047
5	5825.0046
15	5825.0066
25	5825.0057
35	5825.0063
45	5825.0045
50	5825.0048
Max. Deviation Frequency	0.0066
Max. Frequency Error (ppm)	1.13

END