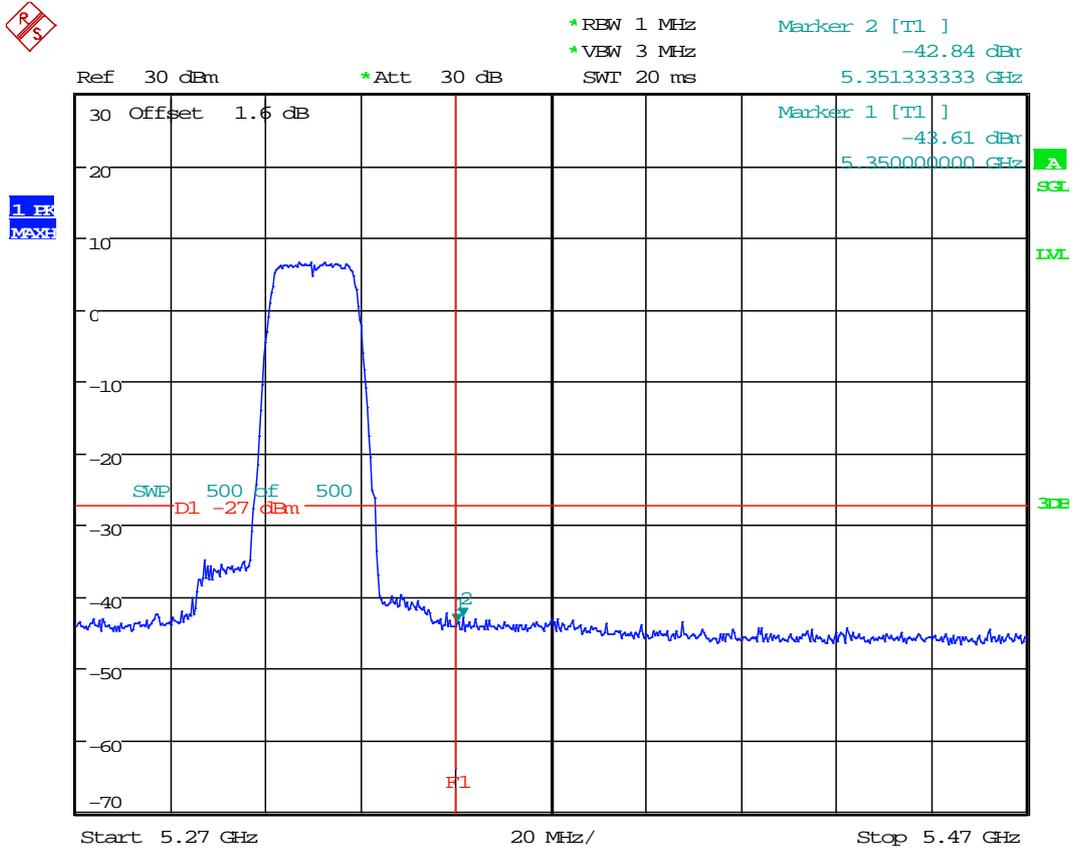
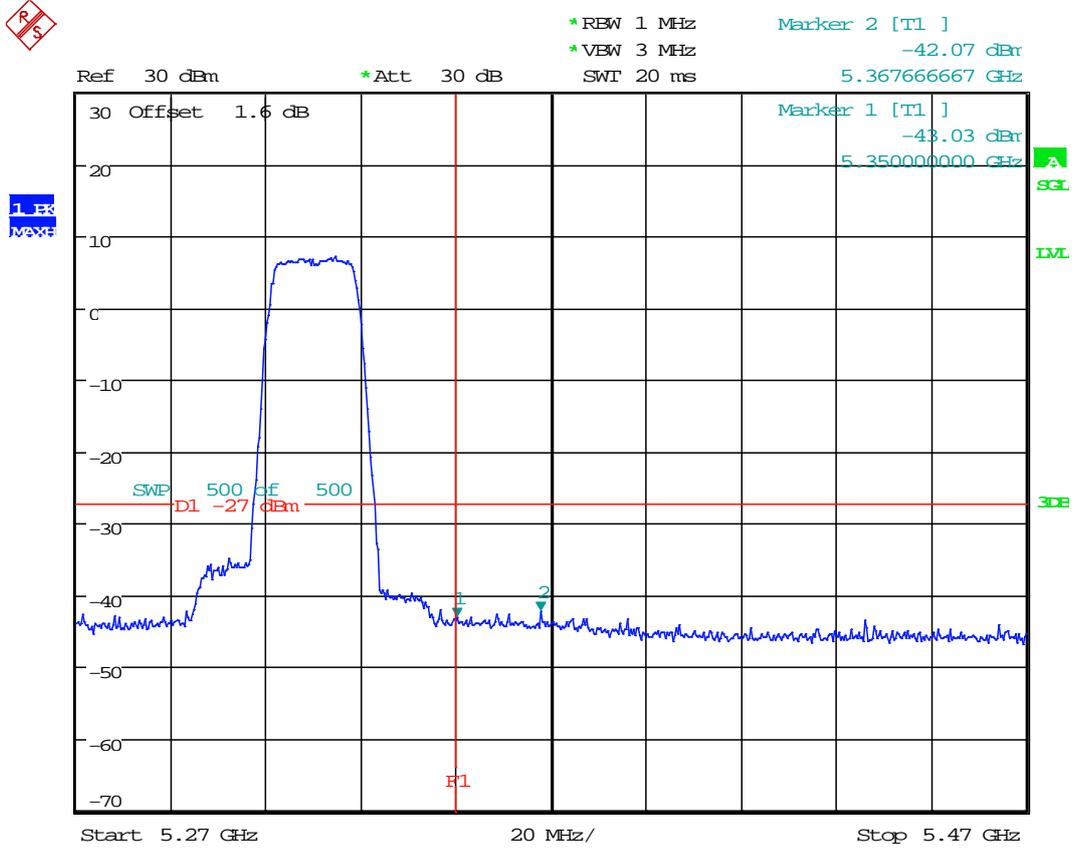


9.23 11N20_64 Ant 1



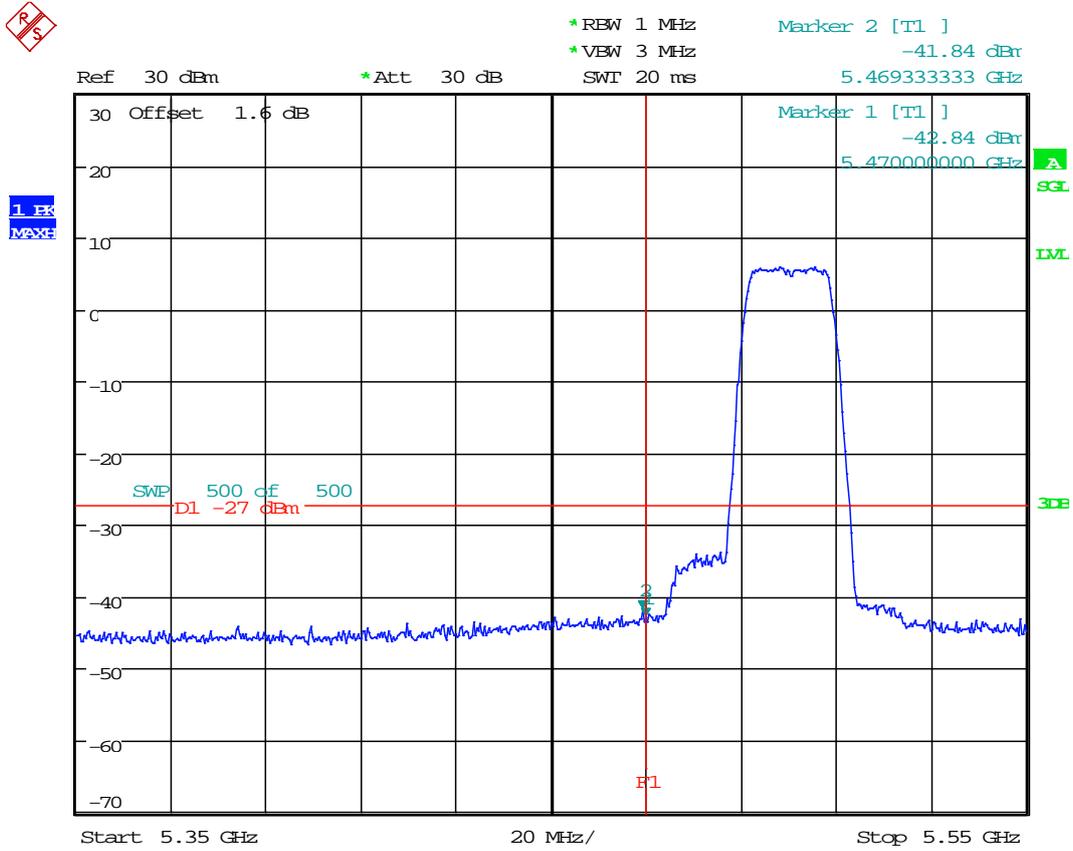
Date: 16.DEC.2015 15:35:31

9.24 11N20_64 Ant 2



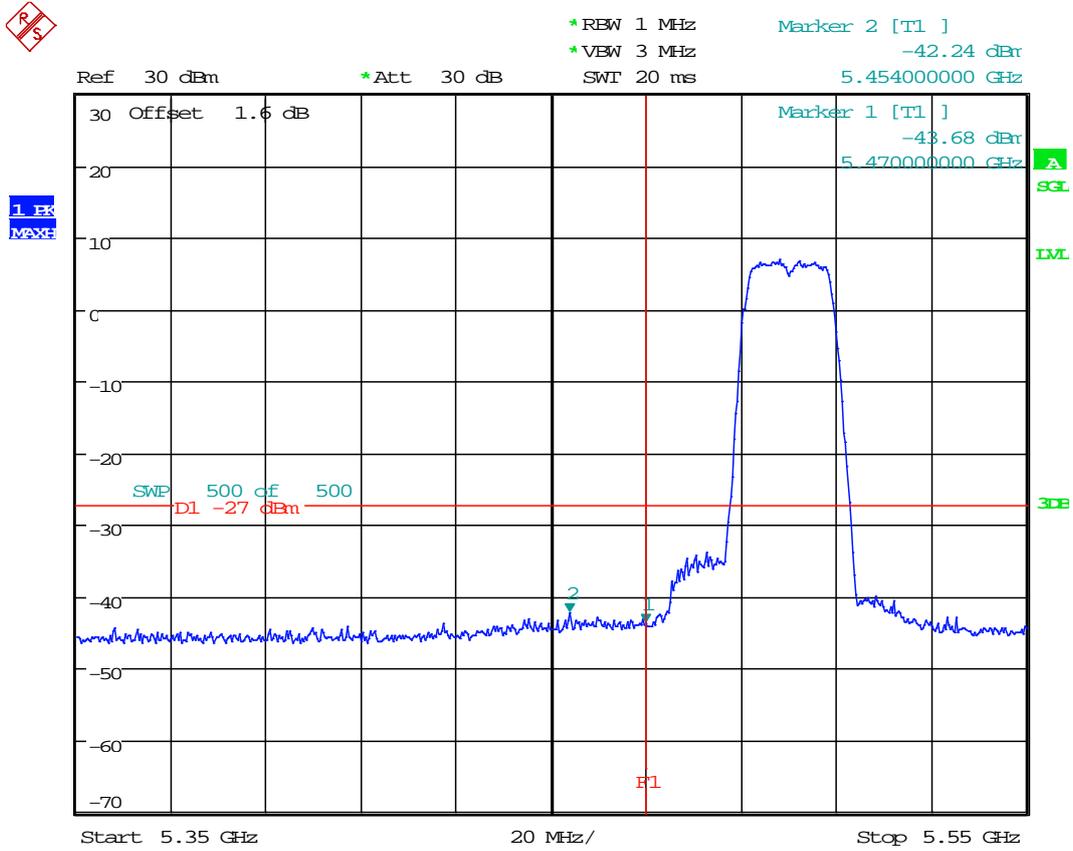
Date: 16.DEC.2015 16:26:46

9.25 11N20_100 Ant 1



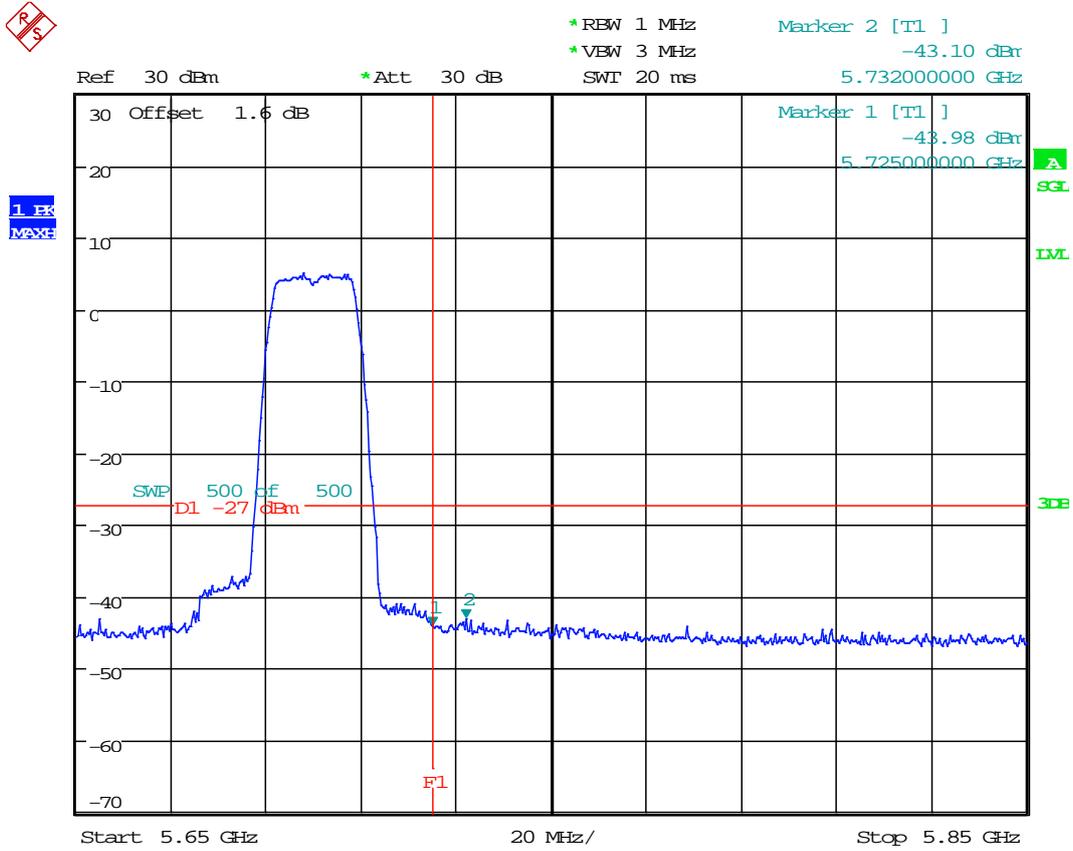
Date: 16.DEC.2015 15:44:14

9.26 11N20_100 Ant 2



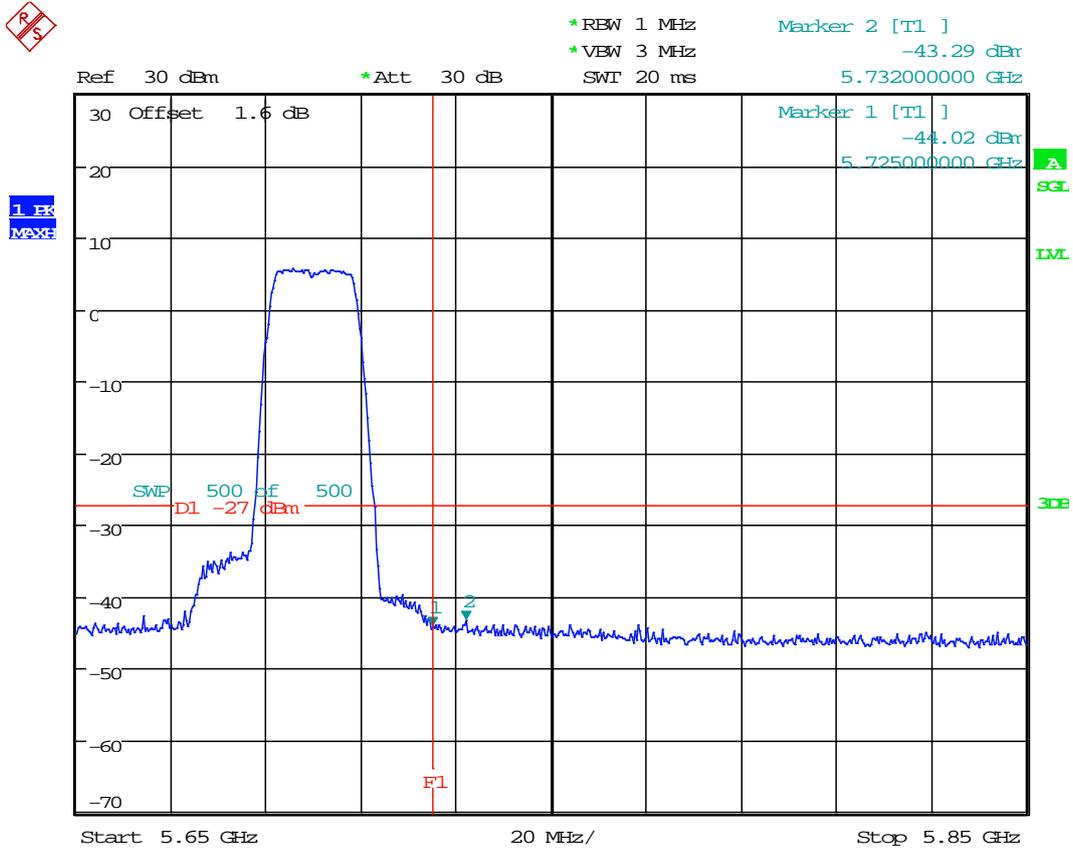
Date: 16.DEC.2015 16:31:37

9.27 11N20_140 Ant 1



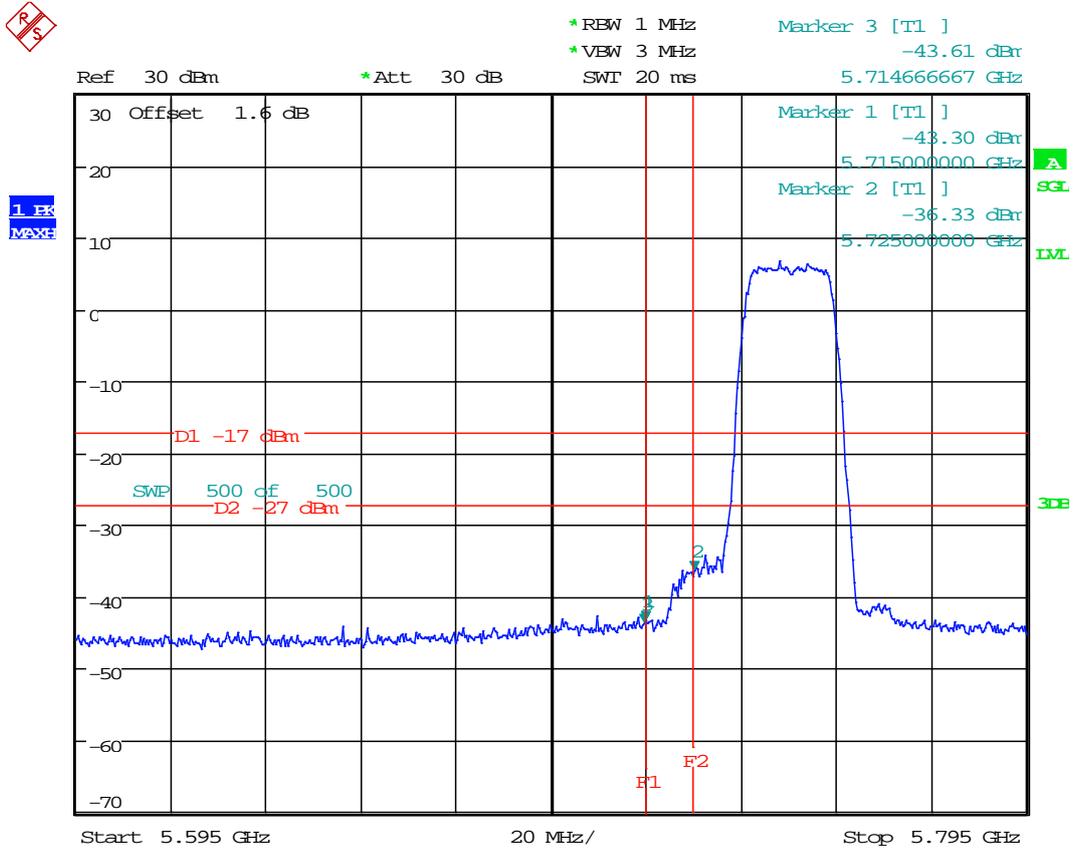
Date: 16.DEC.2015 15:48:51

9.28 11N20_140 Ant 2



Date: 16.DEC.2015 16:44:25

9.29 11N20_149 Ant 1

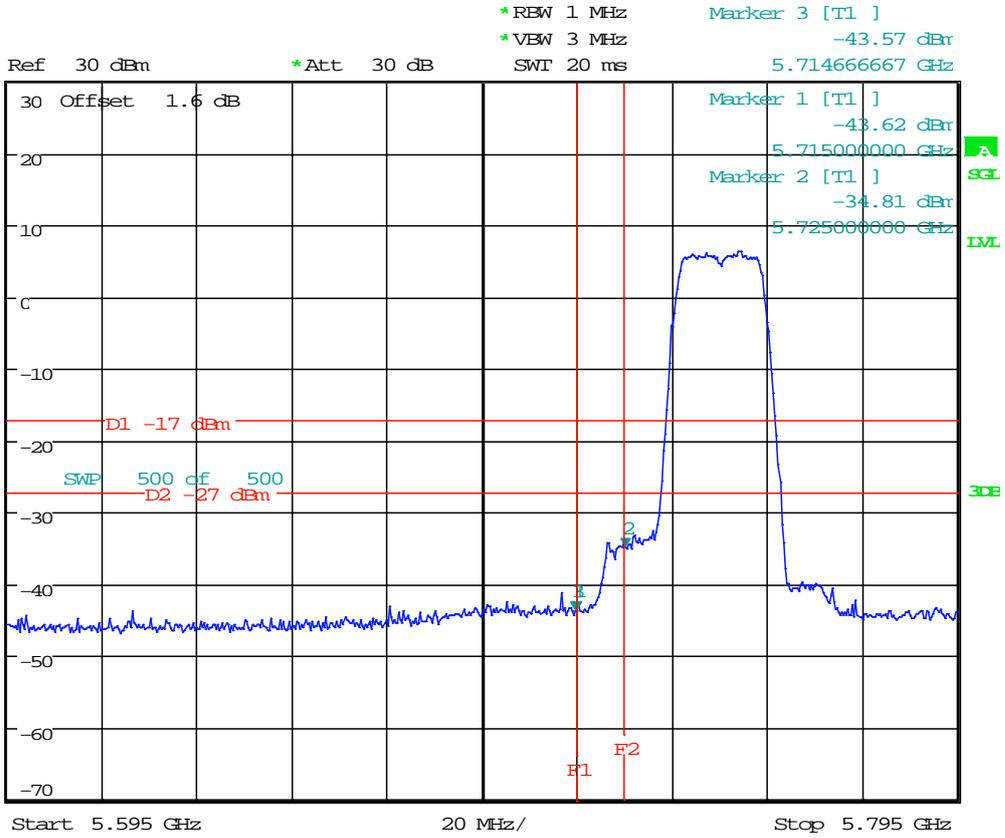


Date: 16.DEC.2015 15:54:24

9.30 11N20_149 Ant 2

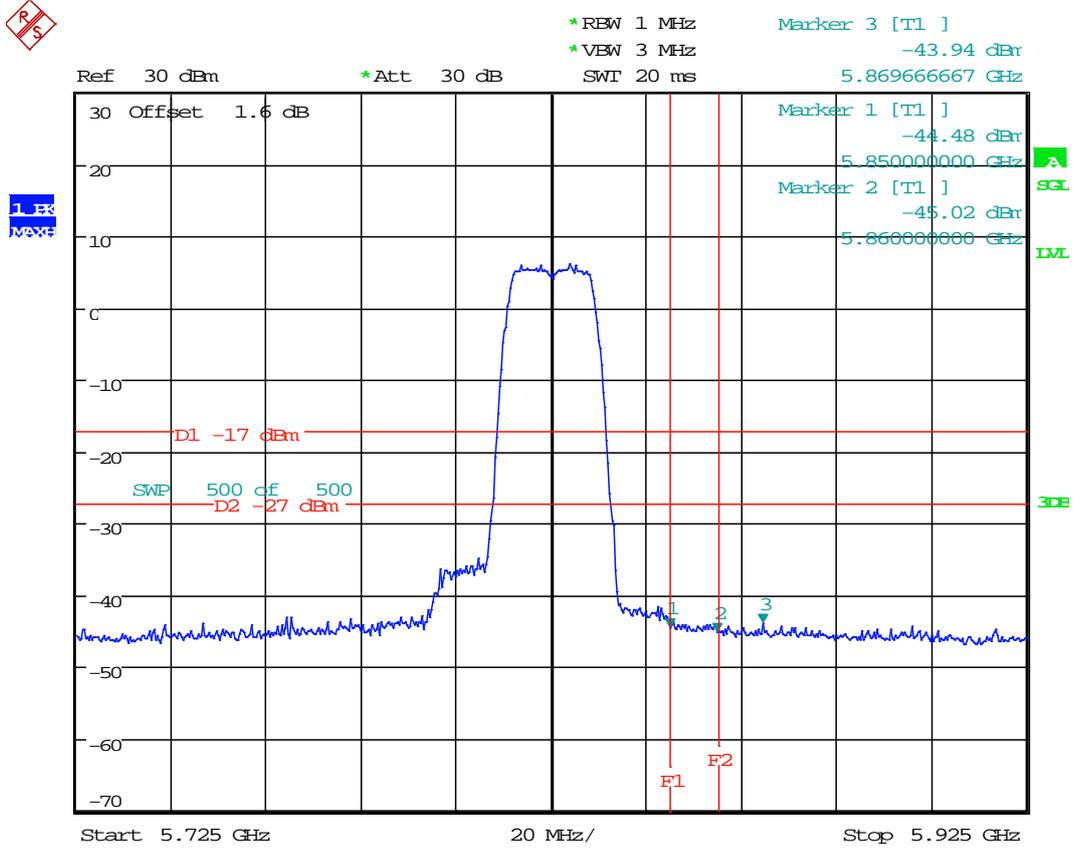


1.83
MAX



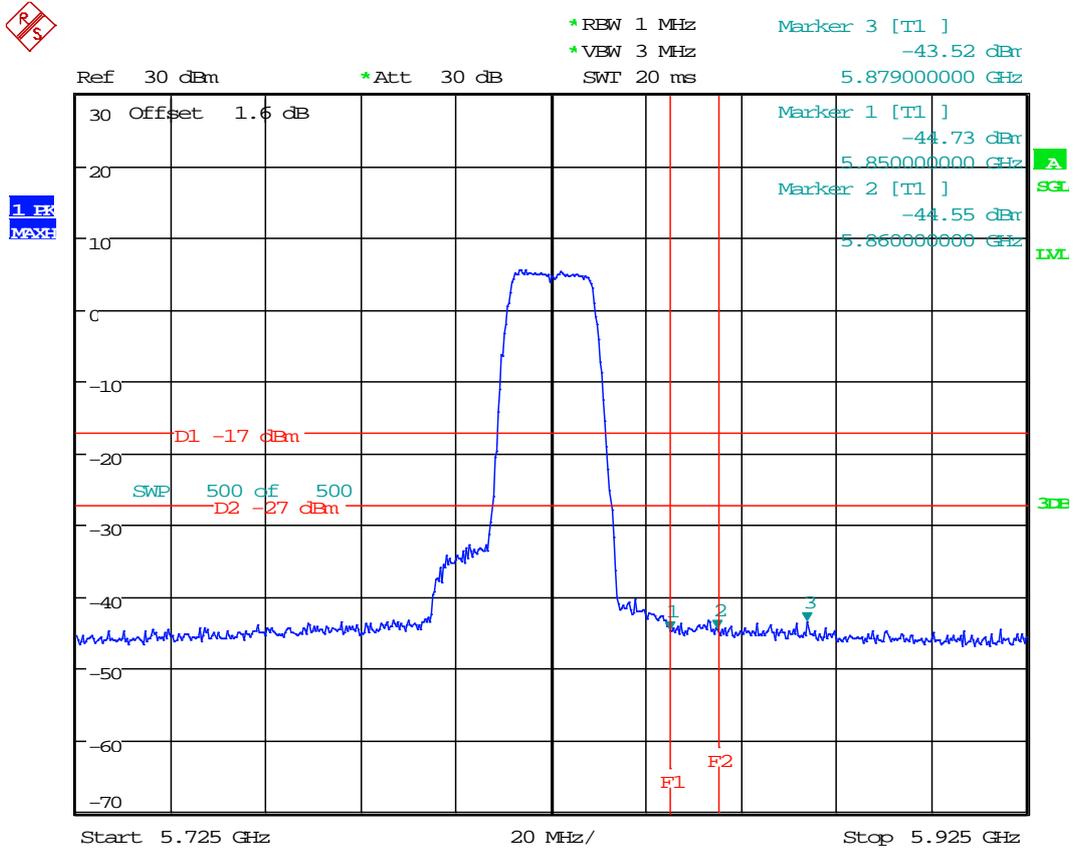
Date: 16.DEC.2015 16:51:05

9.31 11N20_165 Ant 1



Date: 16.DEC.2015 15:59:42

9.32 11N20_165 Ant 2

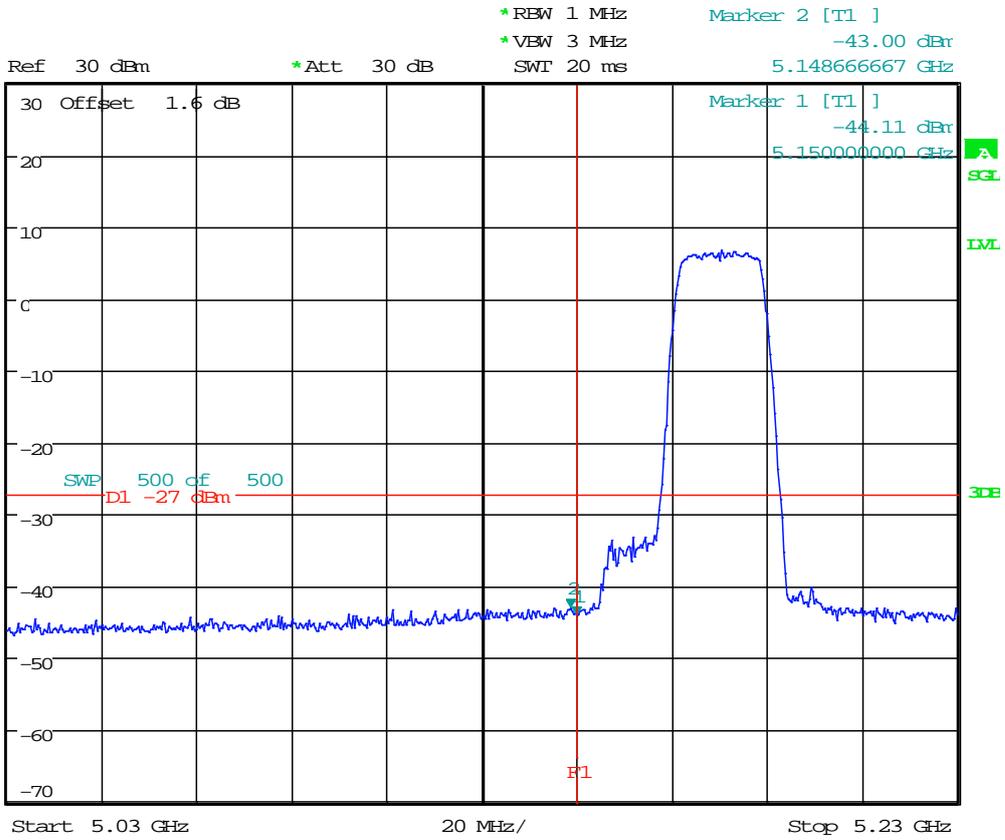


Date: 16.DEC.2015 16:56:31

9.33 11N20M_36 Ant 1

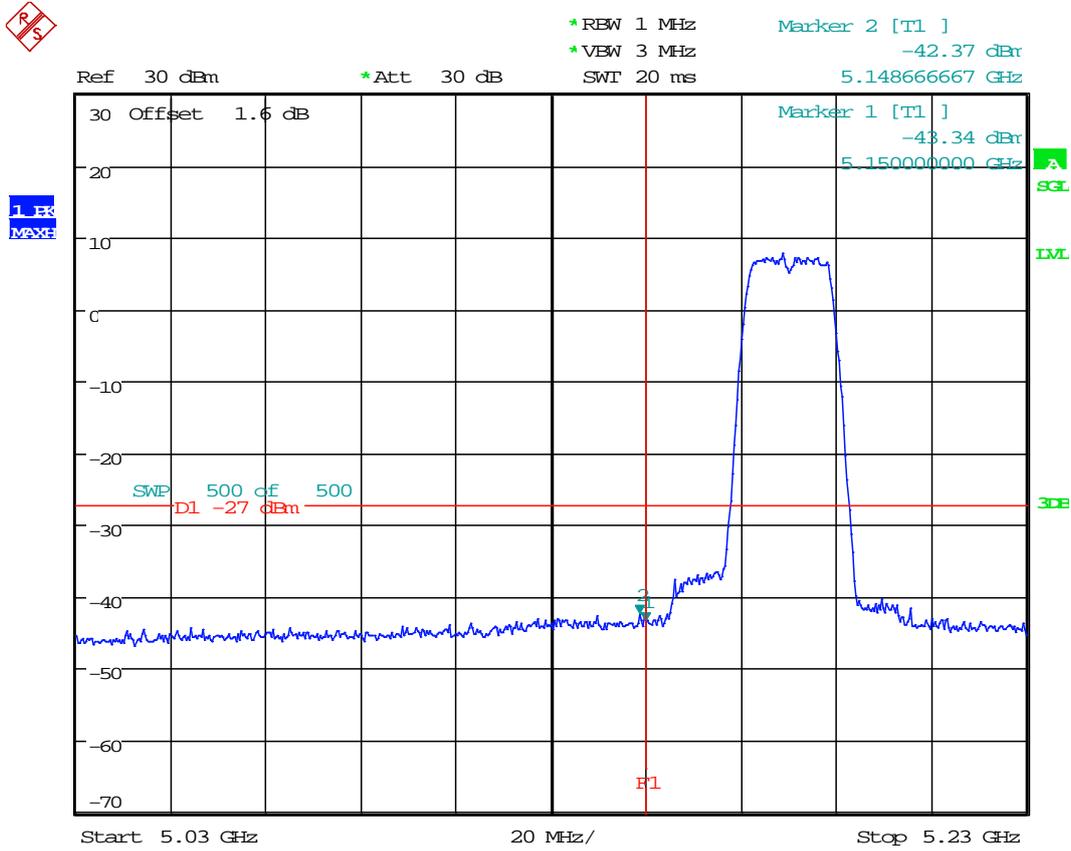


1. ER
MAX



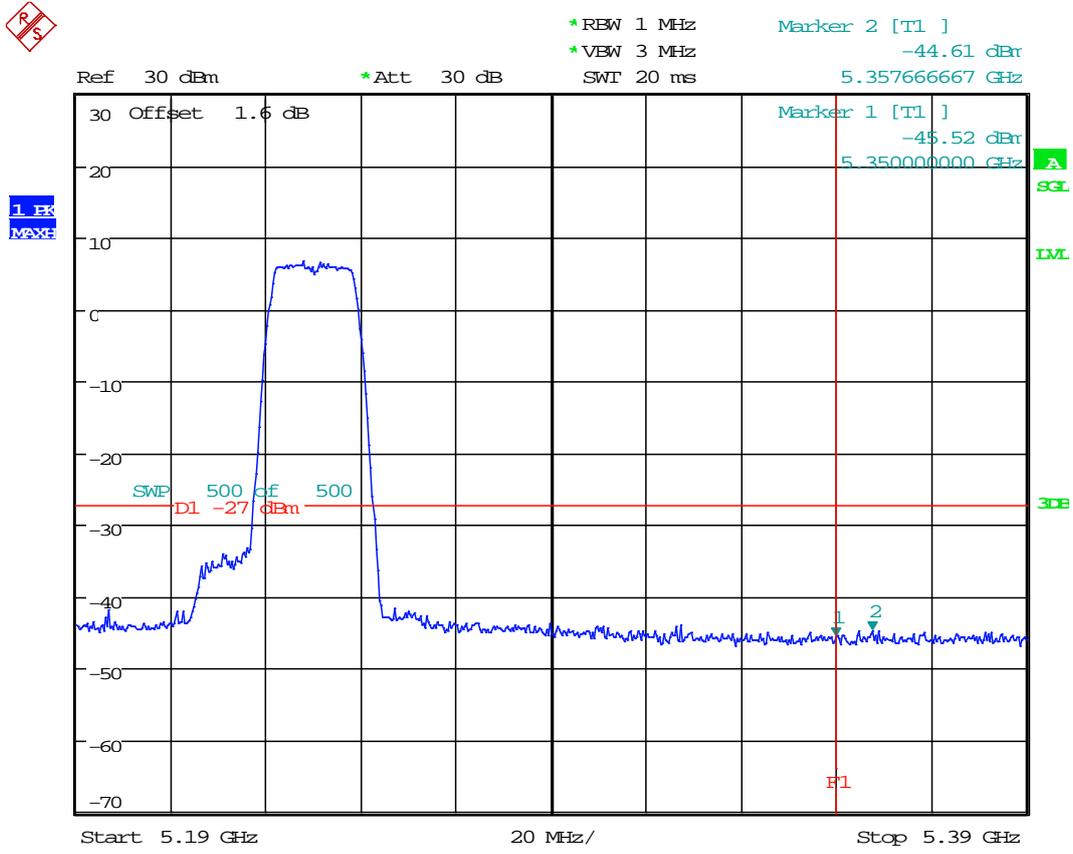
Date: 23.DEC.2015 12:22:59

9.34 11N20M_36 Ant 2



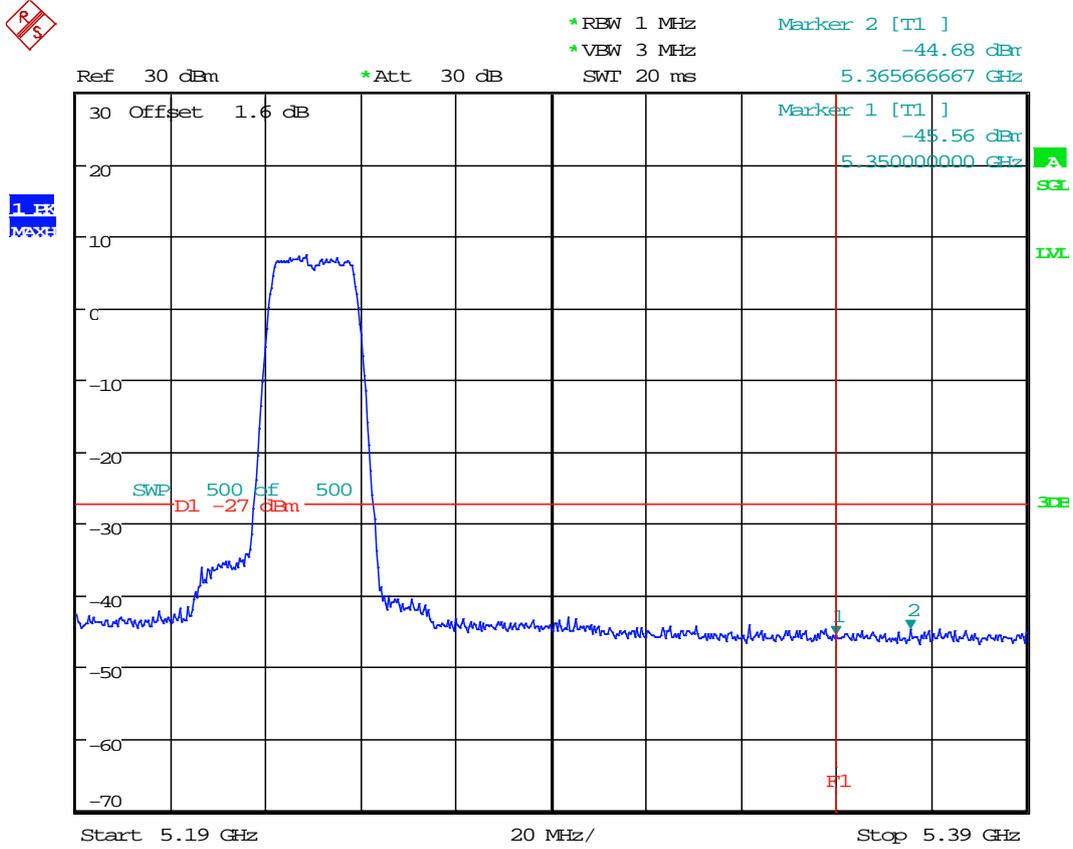
Date: 23.DEC.2015 12:27:43

9.35 11N20M_48 Ant 1



Date: 23.DEC.2015 12:38:07

9.36 11N20M_48 Ant 2

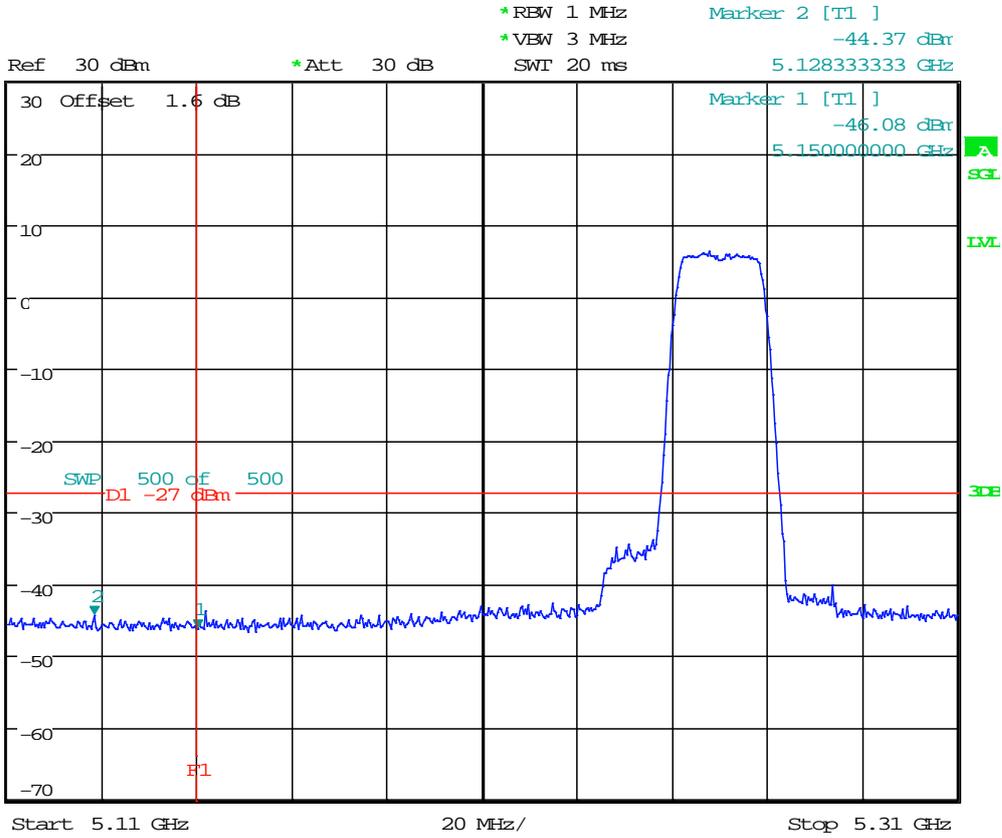


Date: 23.DEC.2015 12:32:36

9.37 11N20M_52 Ant 1

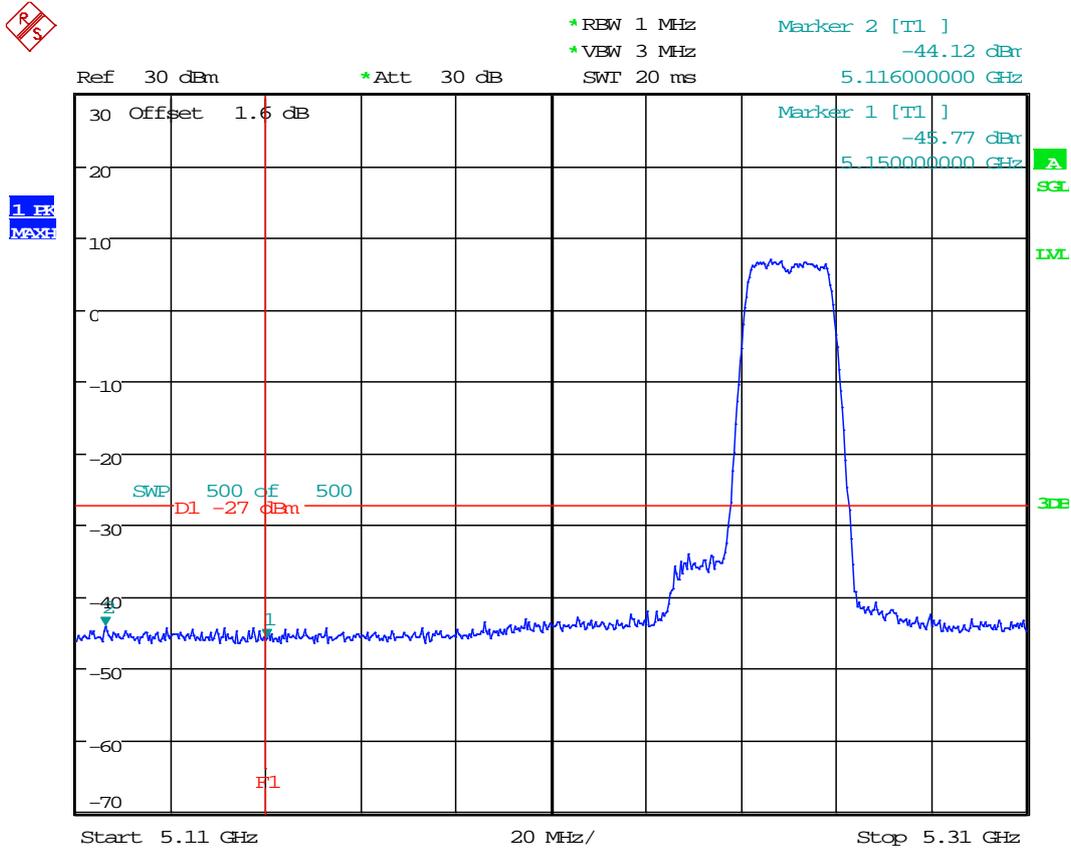


1. ER
MAX



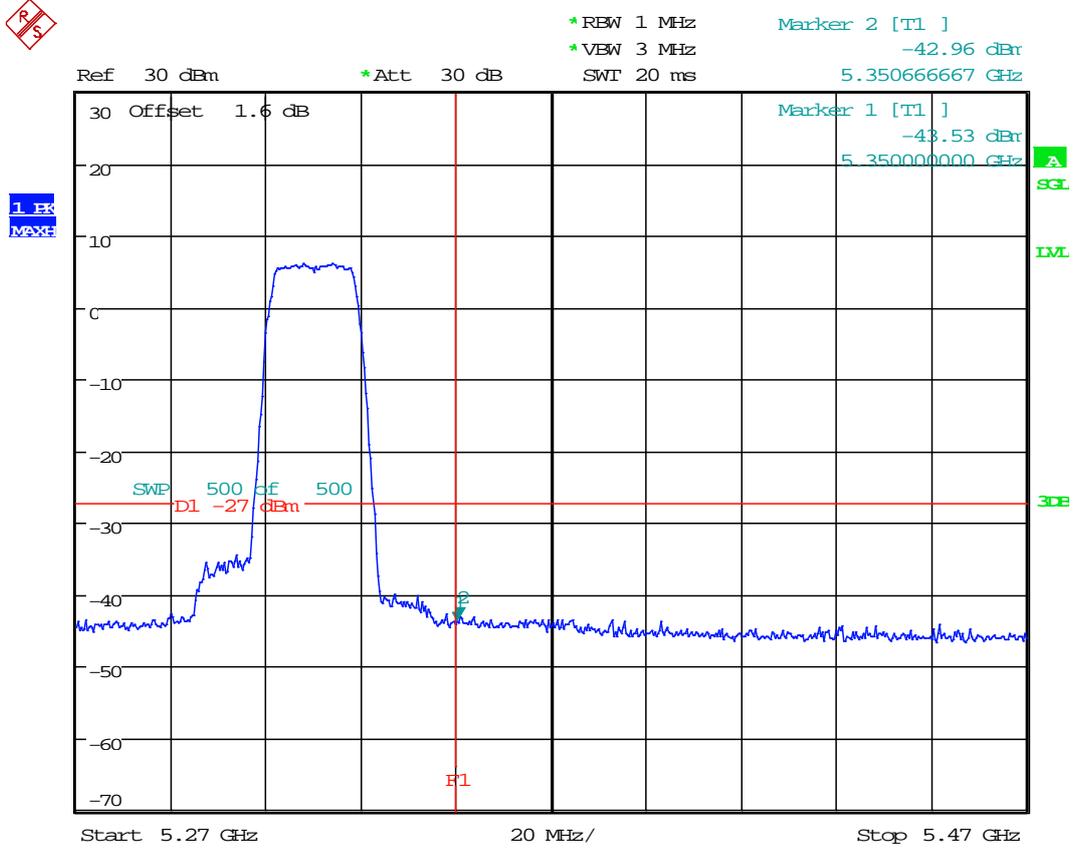
Date: 23.DEC.2015 14:24:38

9.38 11N20M_52 Ant 2



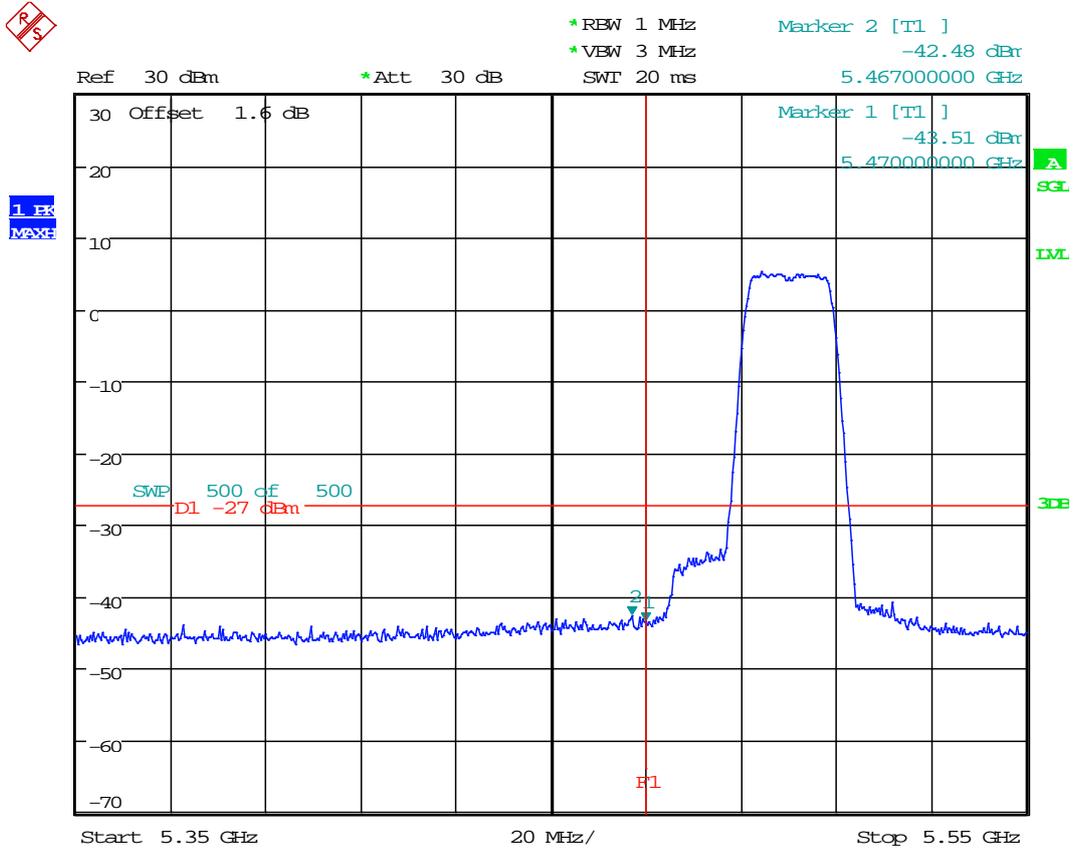
Date: 23.DEC.2015 14:29:32

9.39 11N20M_64 Ant 1



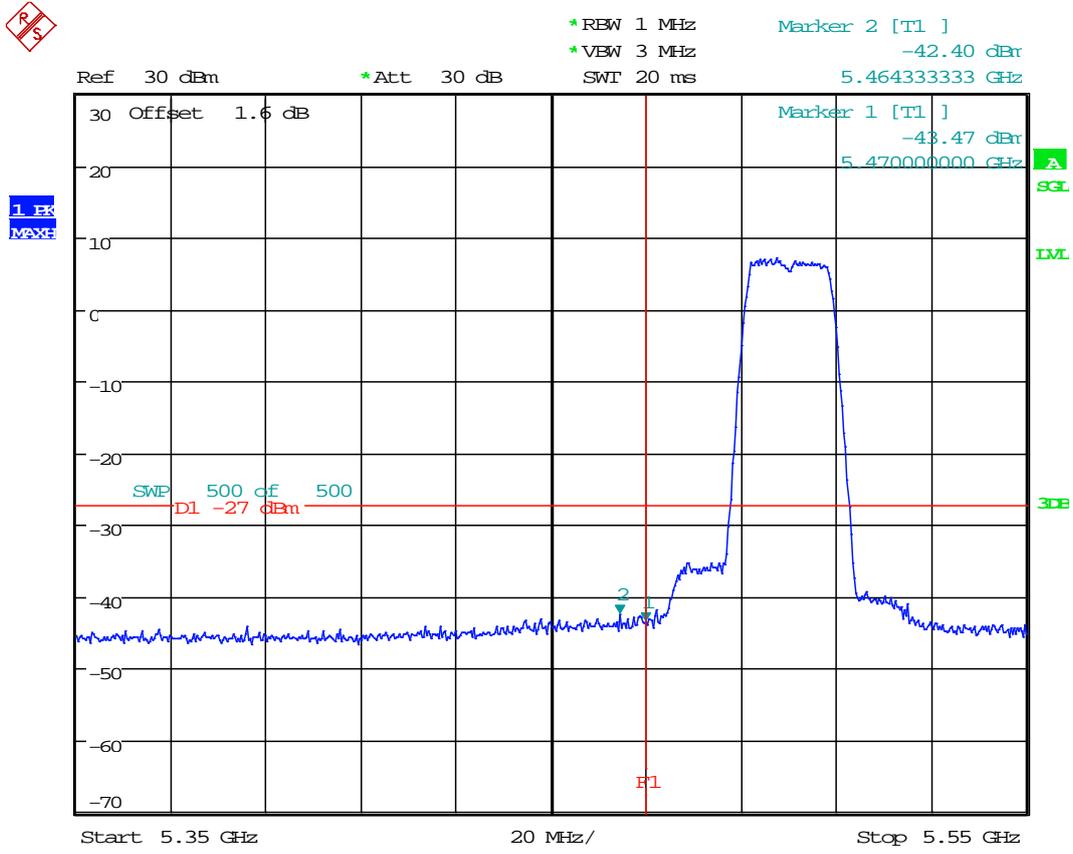
Date: 23.DEC.2015 14:40:23

9.41 11N20M_100 Ant 1



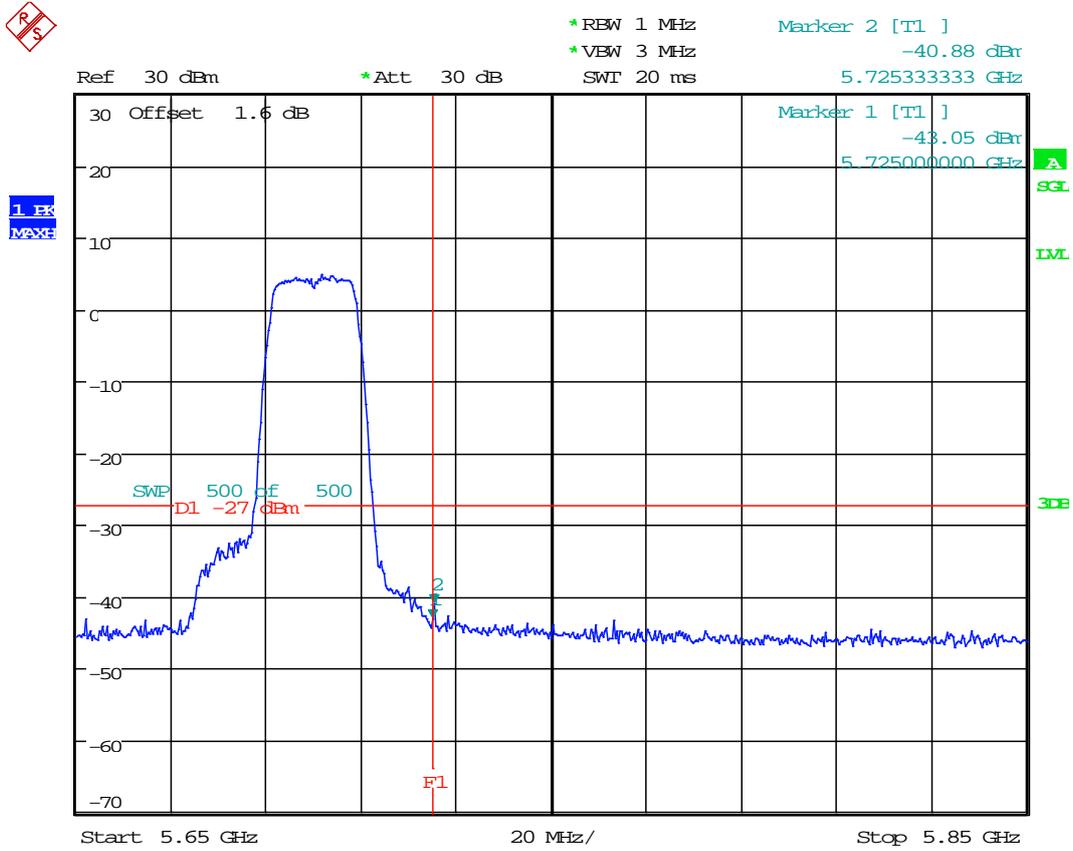
Date: 23.DEC.2015 14:45:12

9.42 11N20M_100 Ant 2



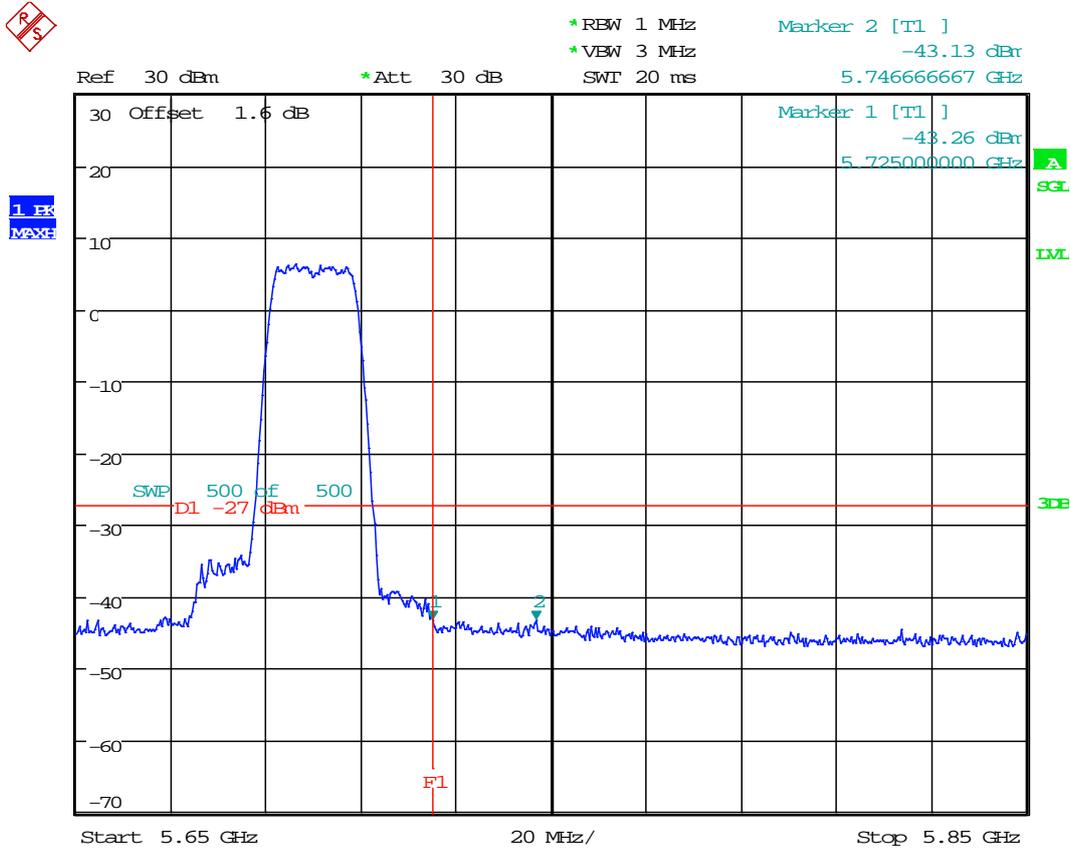
Date: 23.DEC.2015 14:51:13

9.43 11N20M_140 Ant 1



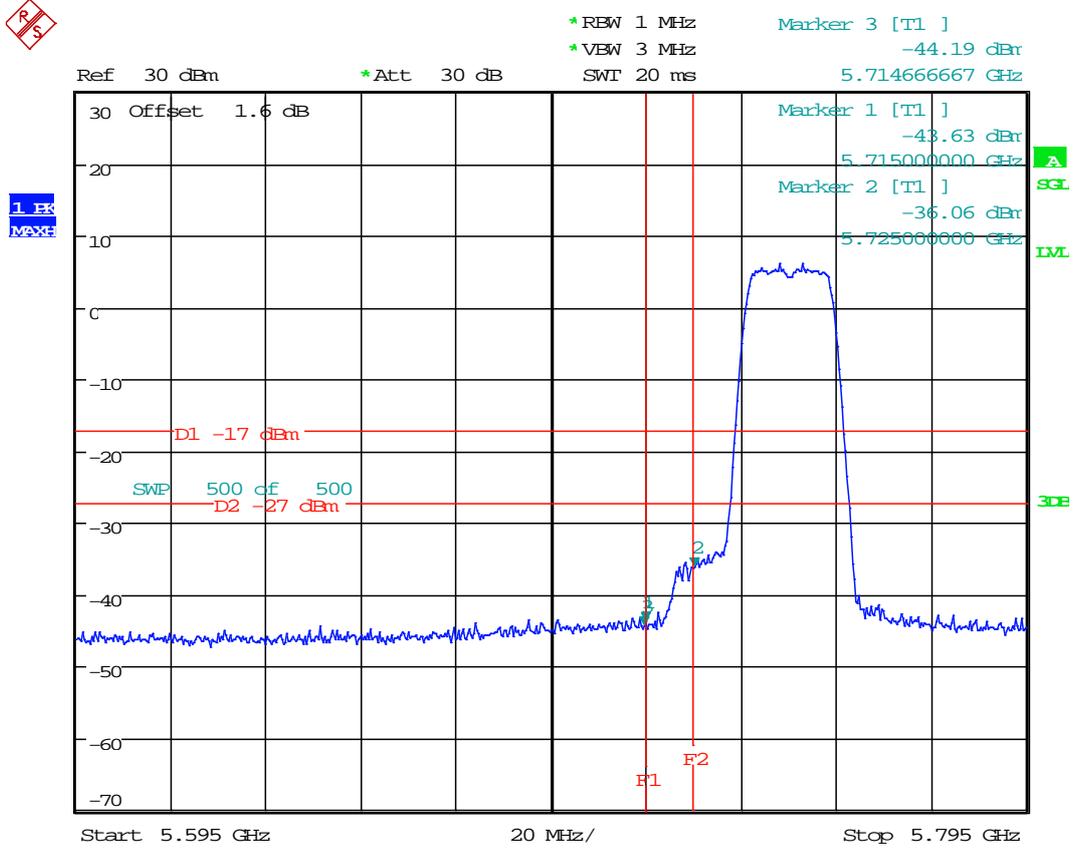
Date: 23.DEC.2015 15:01:06

9.44 11N20M_140 Ant 2



Date: 23.DEC.2015 14:55:53

9.45 11N20M_149 Ant 1

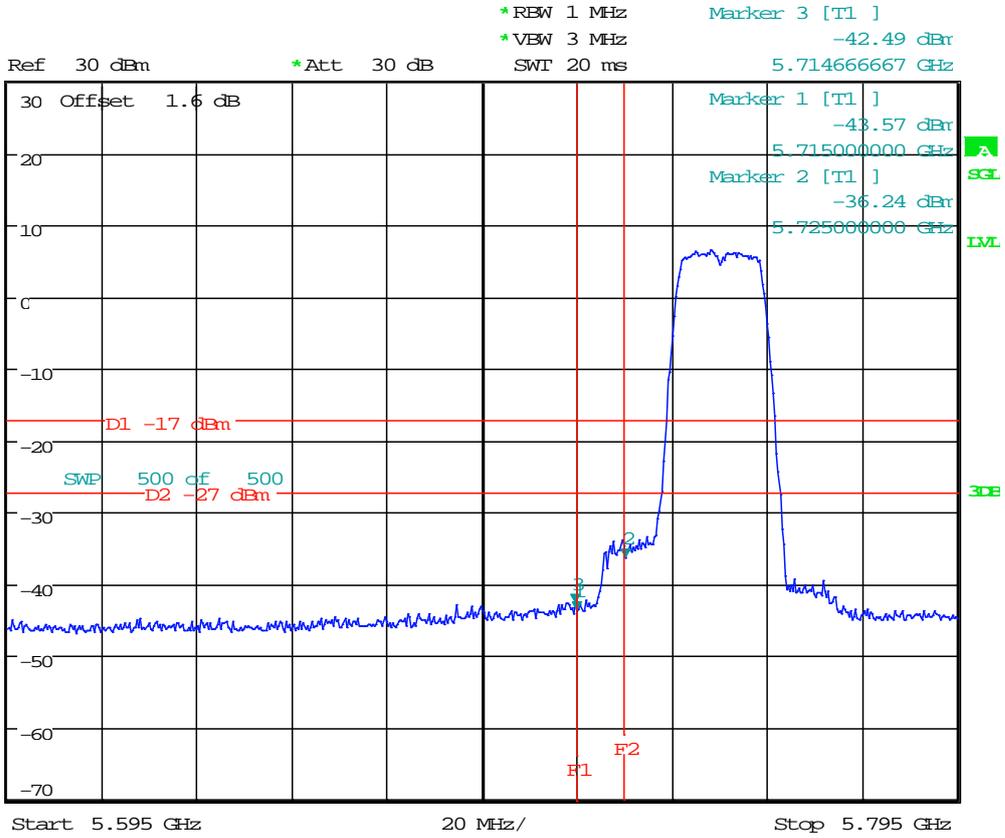


Date: 23.DEC.2015 15:09:35

9.46 11N20M_149 Ant 2

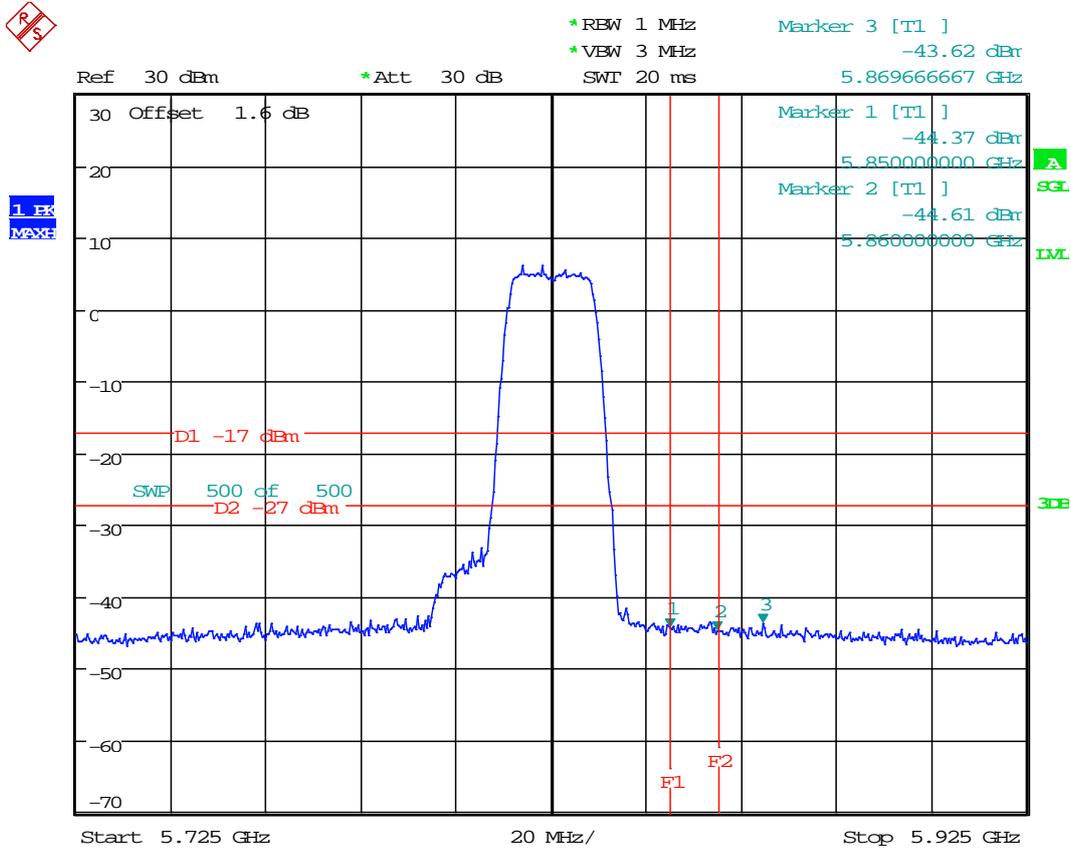


1.83
MAX



Date: 23.DEC.2015 15:15:00

9.47 11N20M_165 Ant 1

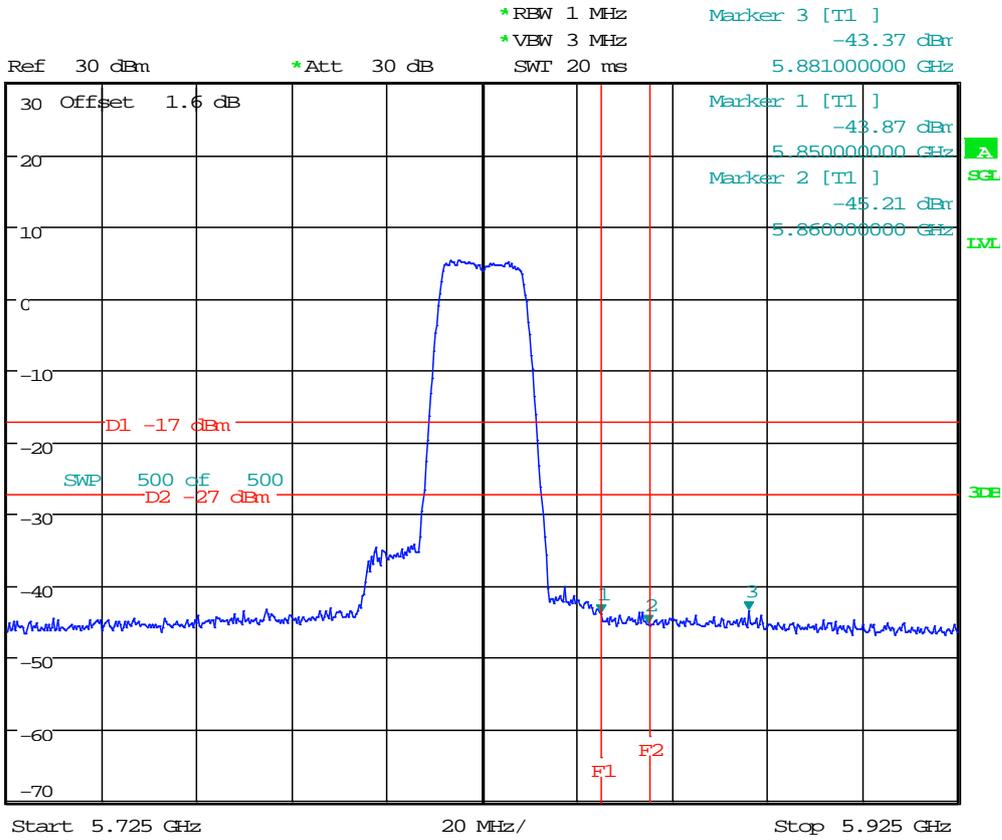


Date: 23.DEC.2015 15:32:58

9.48 11N20M_165 Ant 2

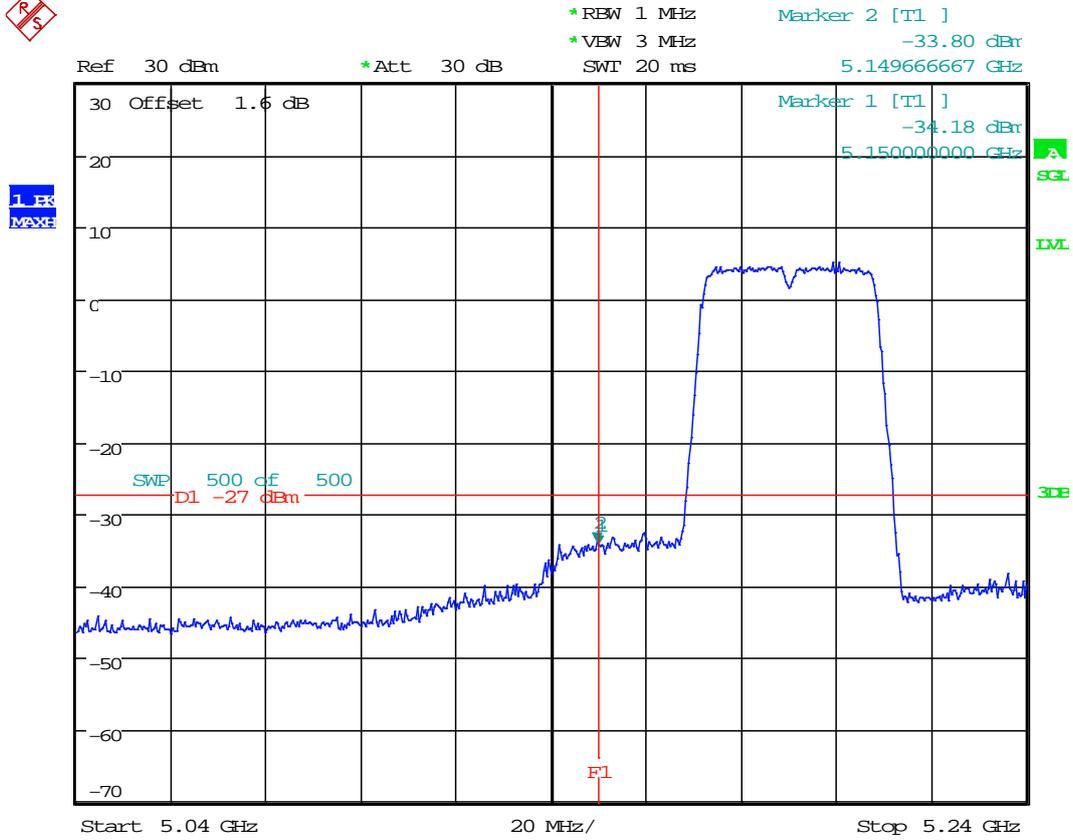


1 PK
MAX



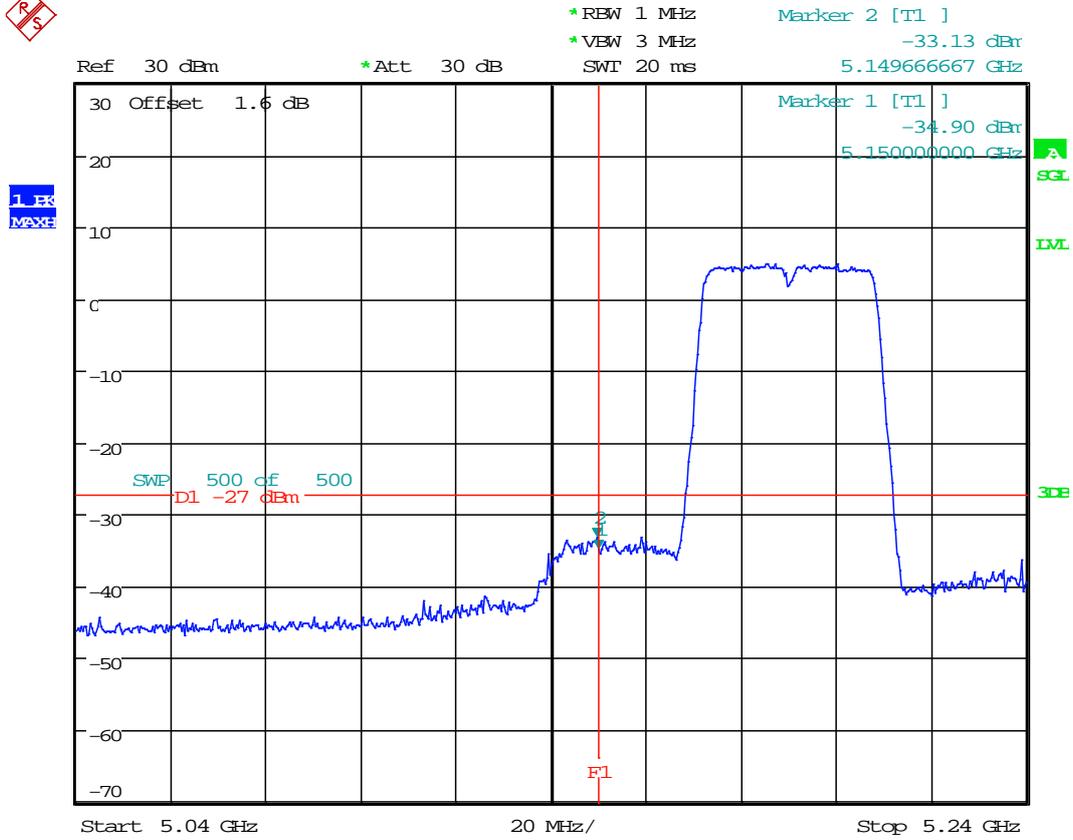
Date: 23.DEC.2015 15:20:59

9.49 11N40_38 Ant 1



Date: 16.DEC.2015 17:19:15

9.50 11N40_38 Ant 2

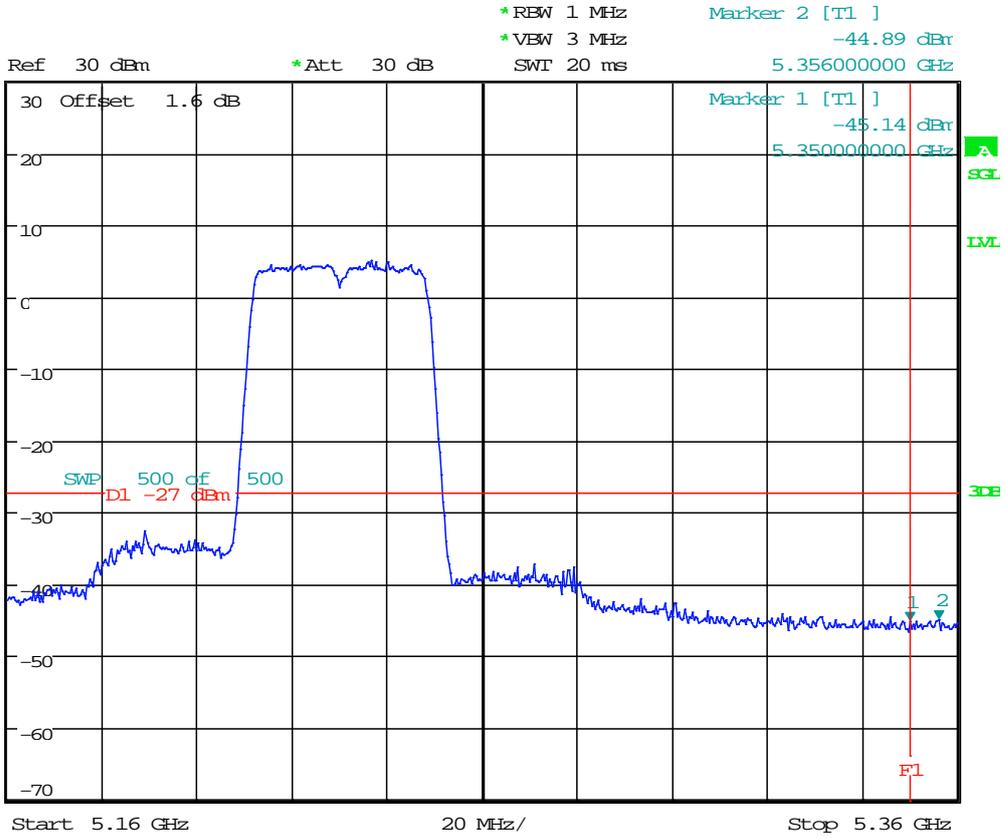


Date: 17.DEC.2015 09:10:28

9.51 11N40_46 Ant 1

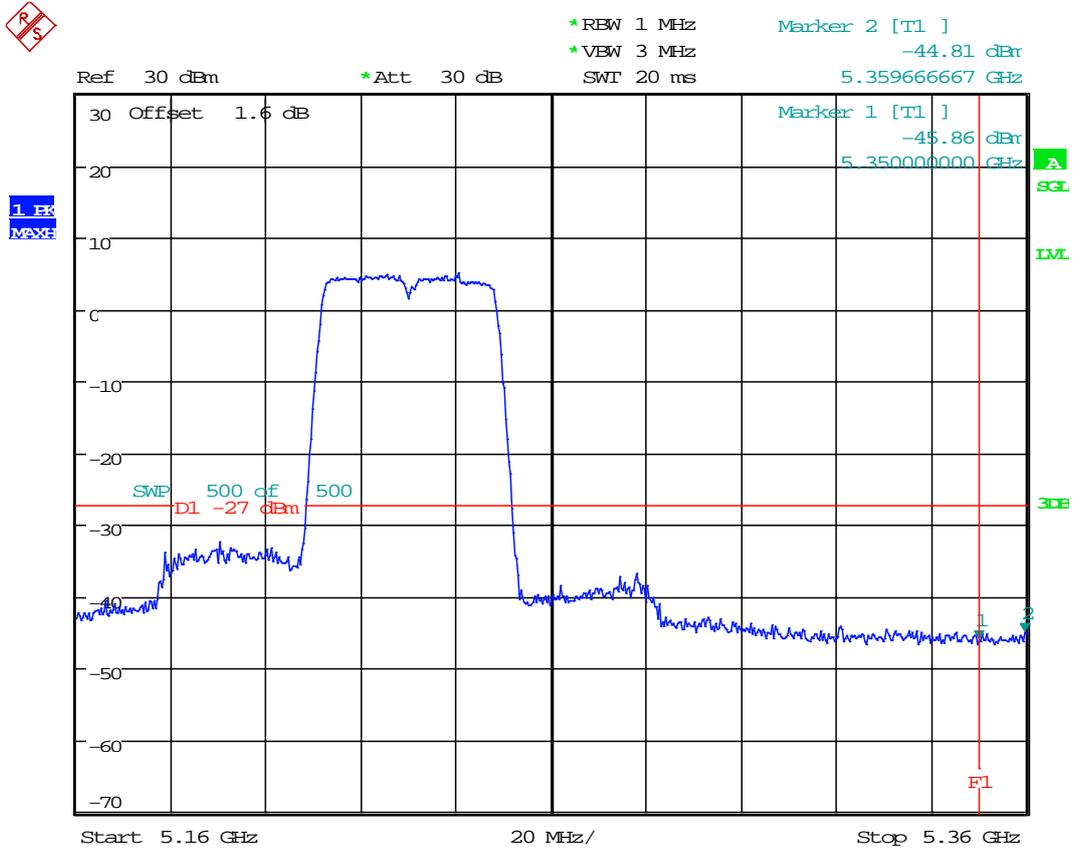


1.83
MAX



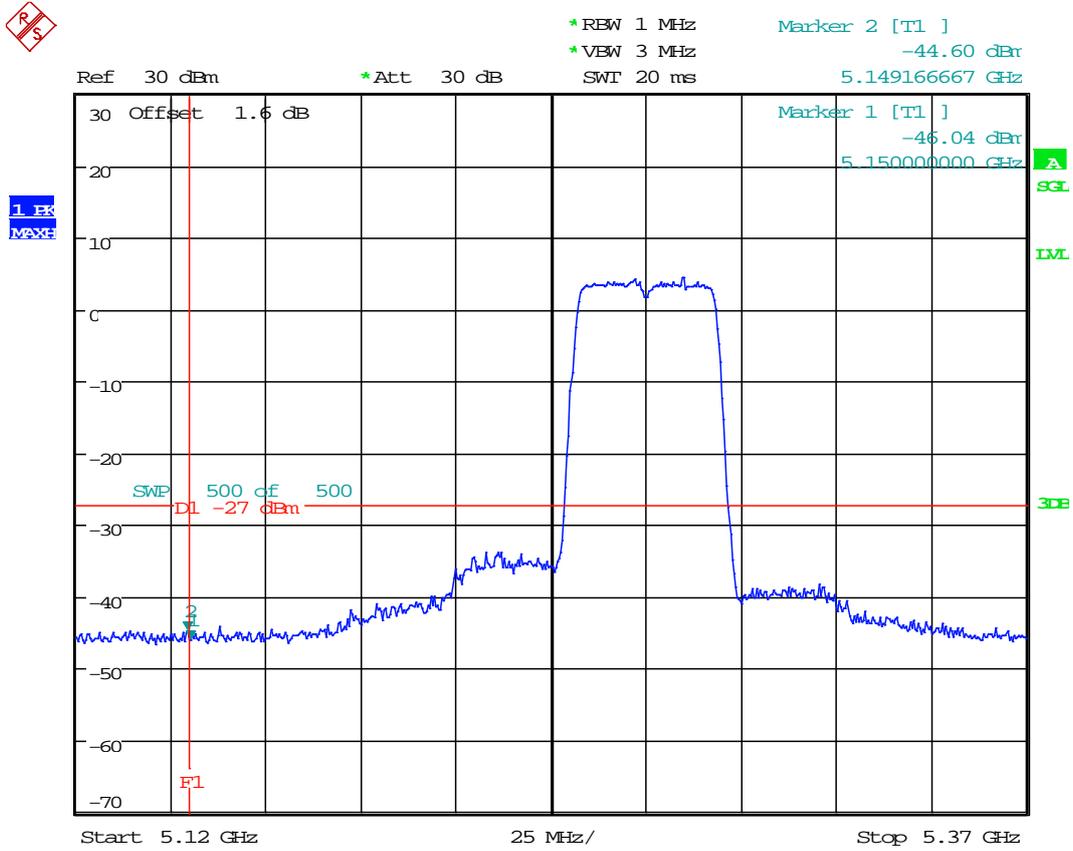
Date: 16.DEC.2015 17:24:12

9.52 11N40_46 Ant 2



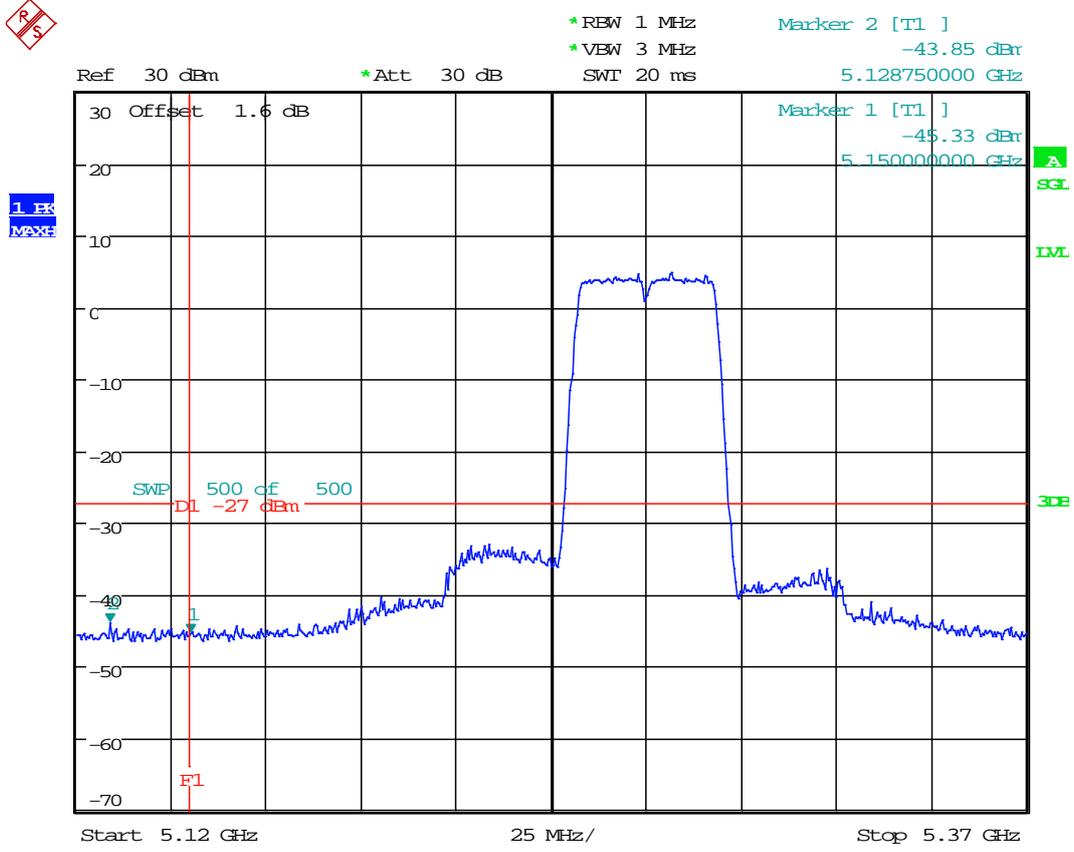
Date: 17.DEC.2015 09:15:12

9.53 11N40_54 Ant 1



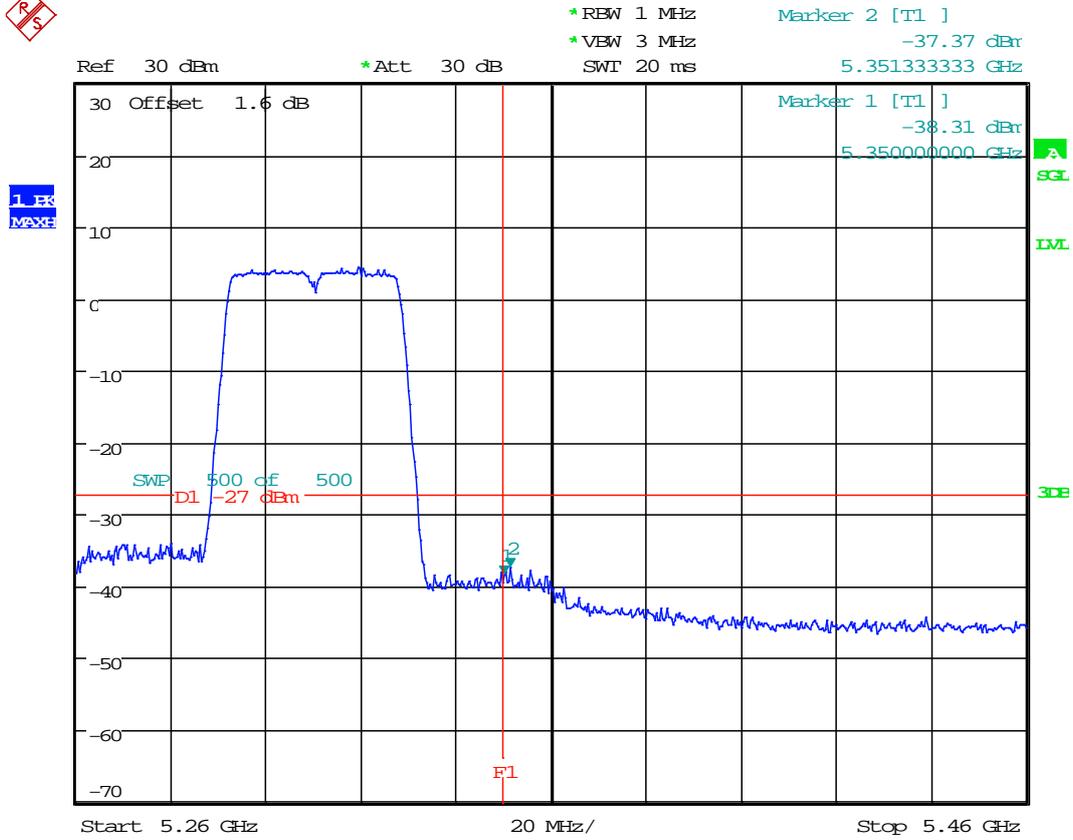
Date: 16.DEC.2015 17:33:37

9.54 11N40_54 Ant 2



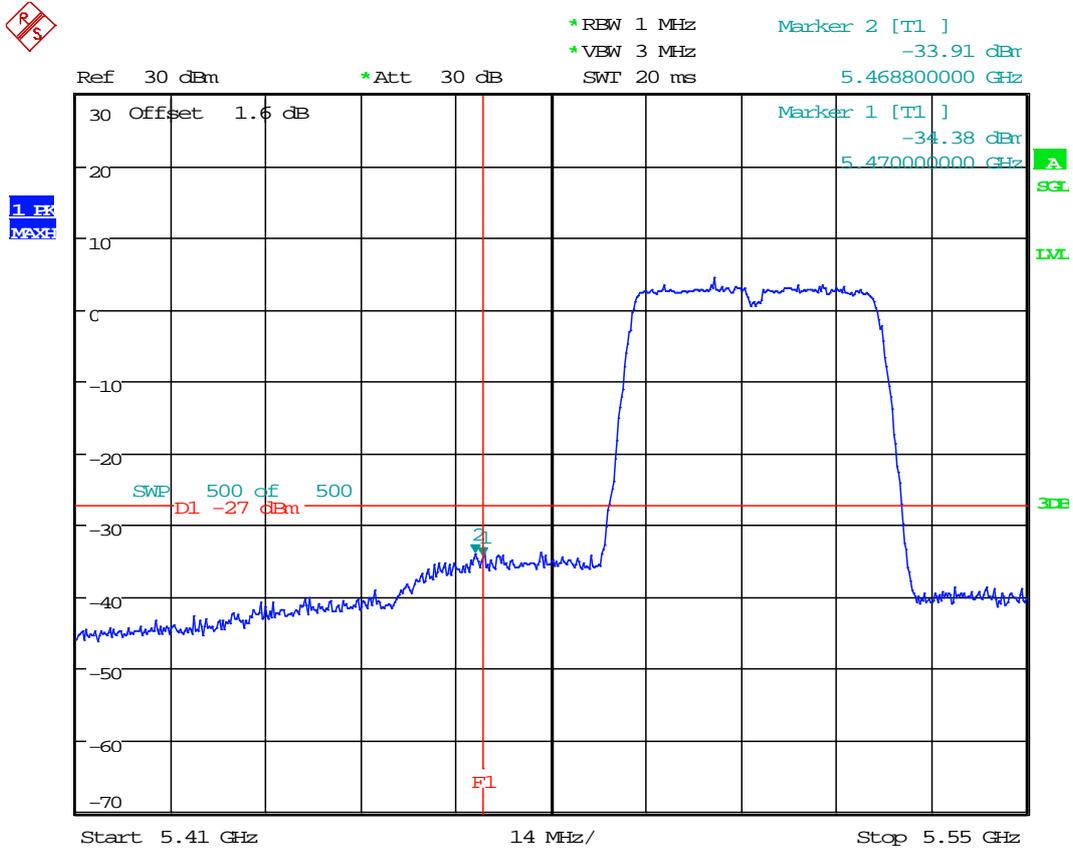
Date: 17.DEC.2015 09:19:54

9.55 11N40_62 Ant 1



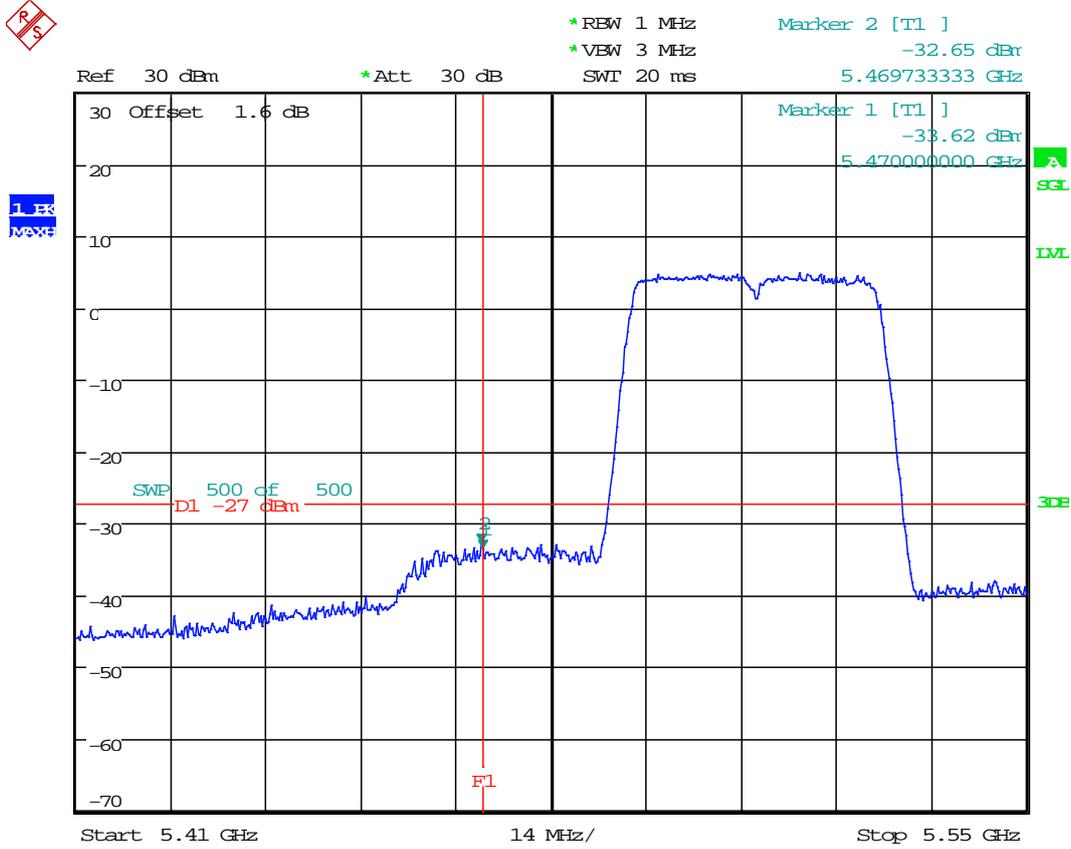
Date: 16.DEC.2015 17:38:45

9.57 11N40_102 Ant 1



Date: 16.DEC.2015 17:41:55

9.58 11N40_102 Ant 2

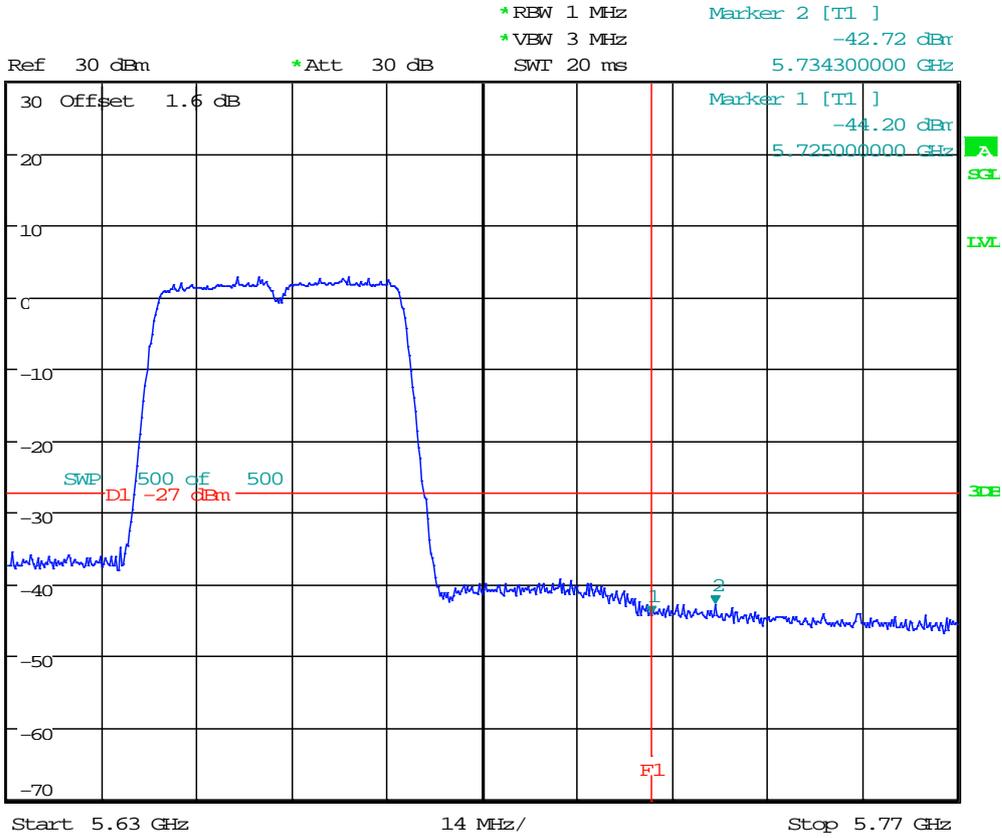


Date: 17.DEC.2015 09:28:45

9.59 11N40_134 Ant 1

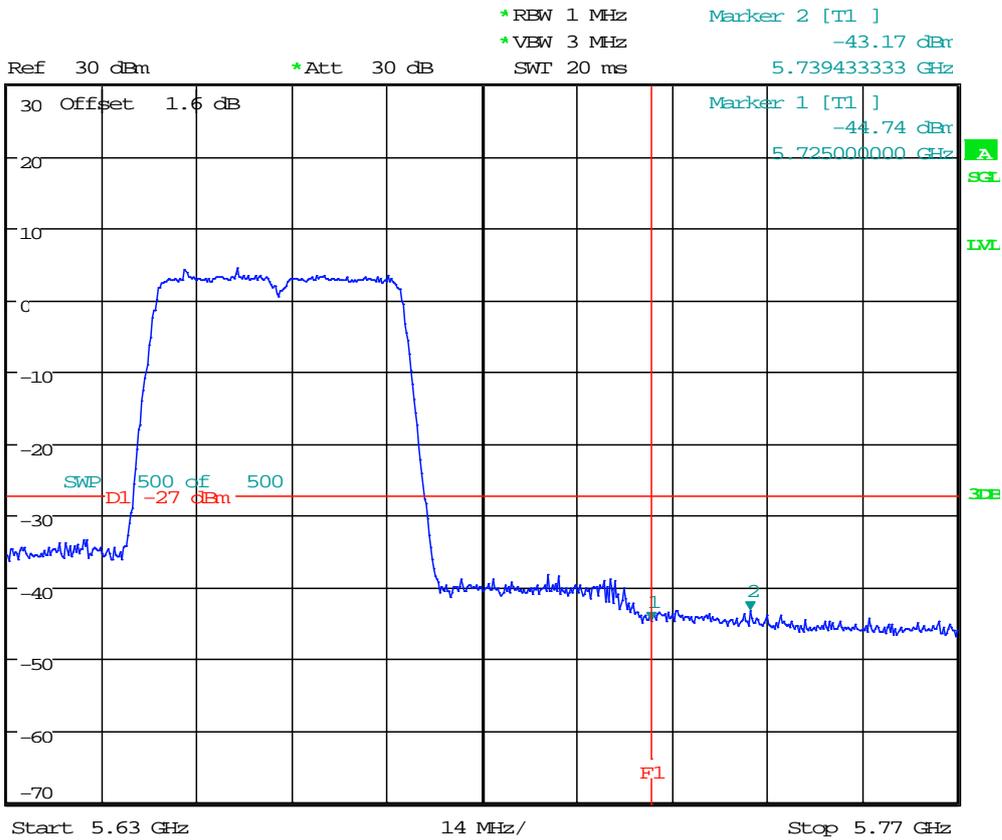


1 ER
MAX



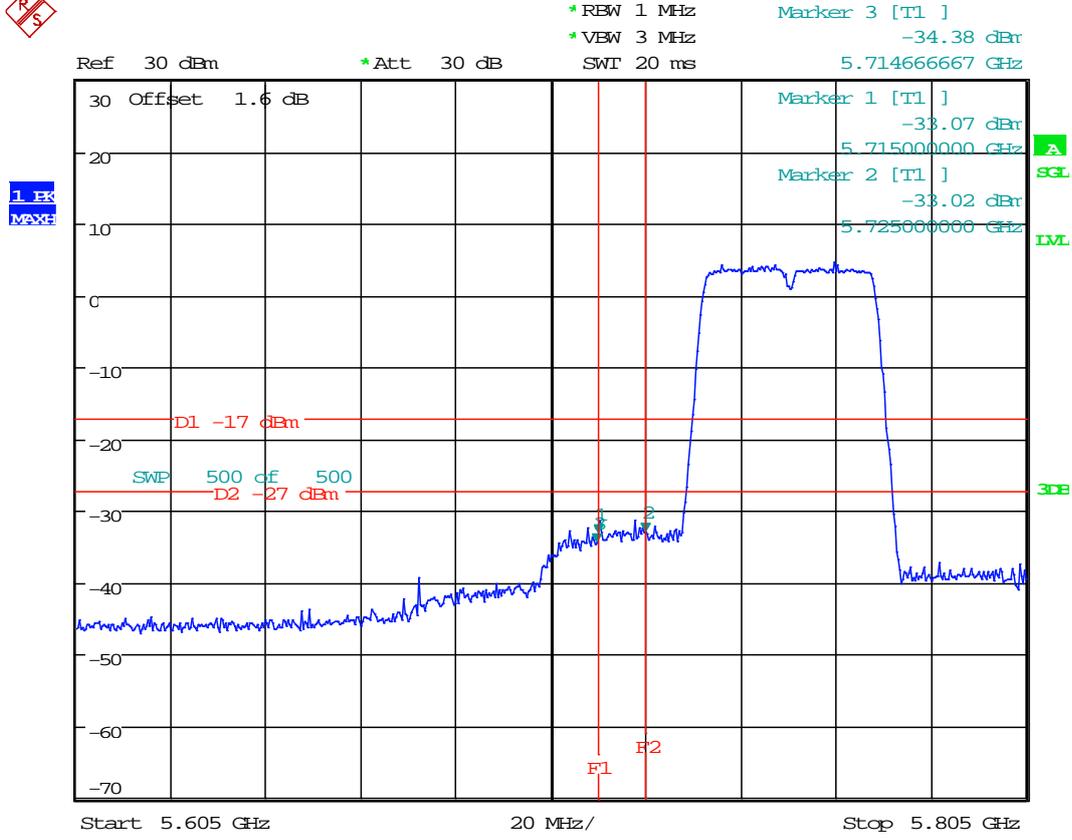
Date: 16.DEC.2015 17:48:32

9.60 11N40_134 Ant 2

1 EK
100%

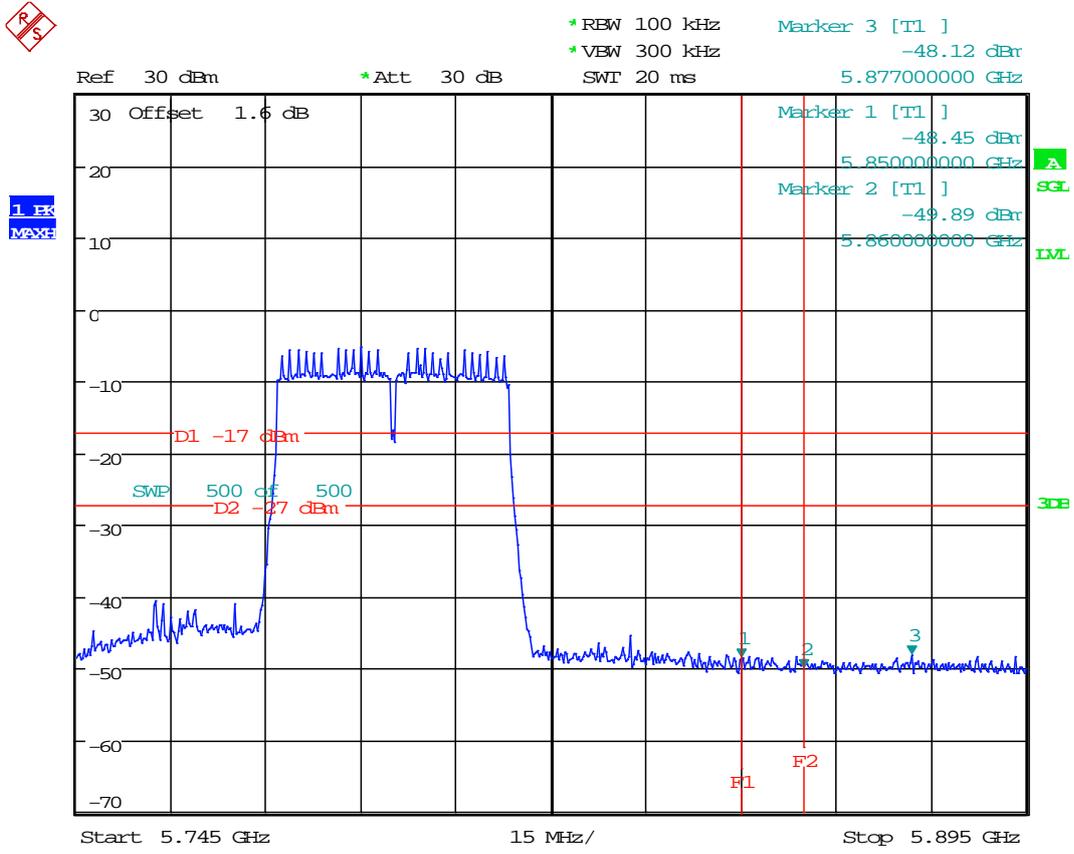
Date: 17.DEC.2015 09:35:42

9.62 11N40_151 Ant 2



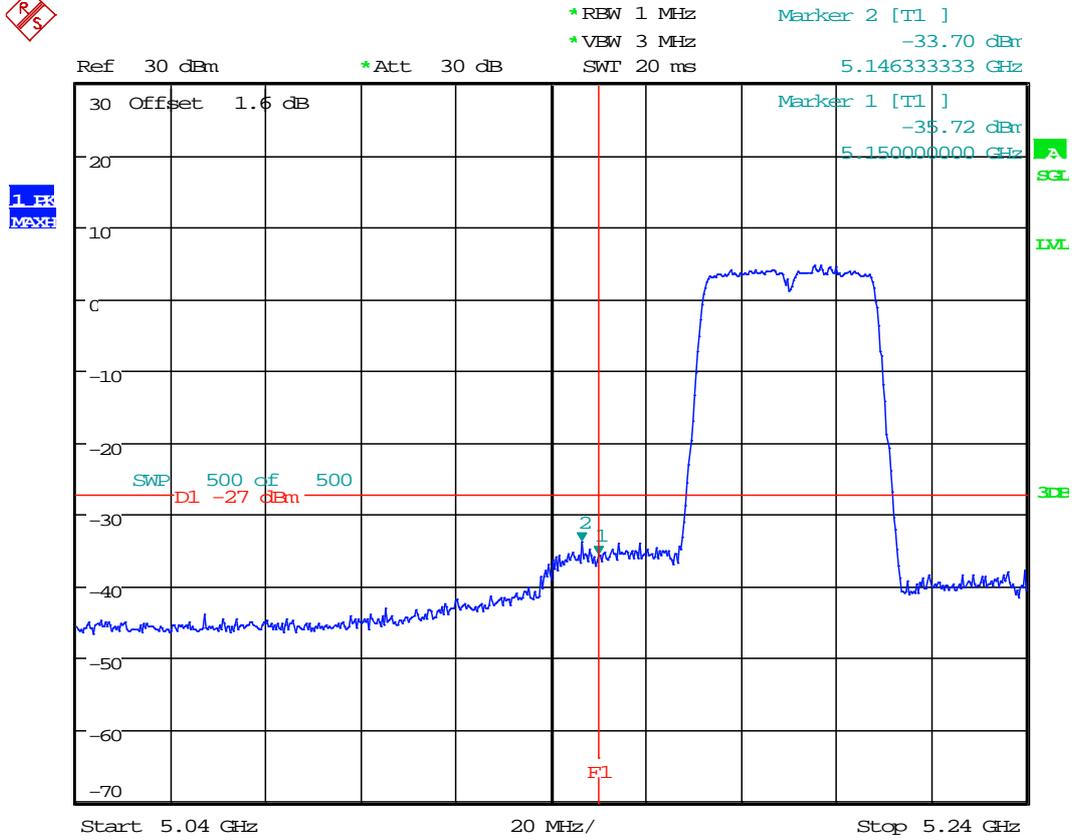
Date: 17.DEC.2015 09:41:18

9.64 11N40_159 Ant 2



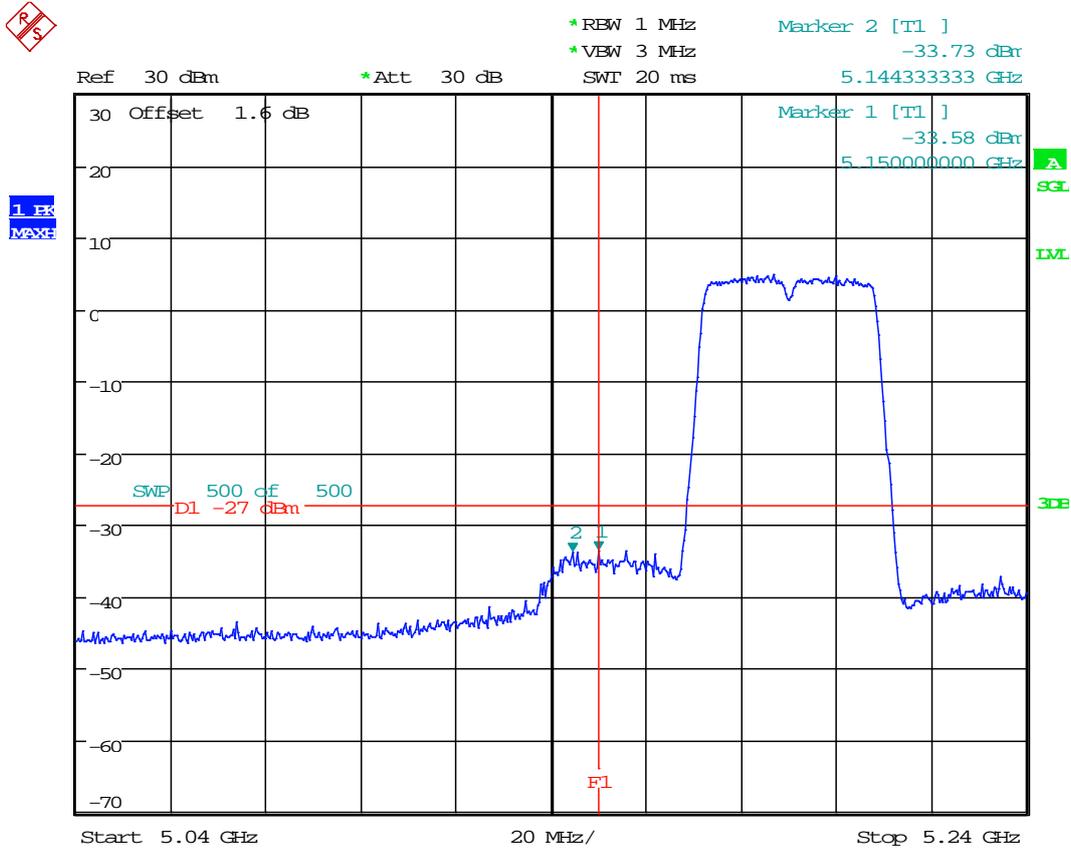
Date: 17.DEC.2015 09:46:45

9.65 11N40M_38 Ant 1



Date: 23.DEC.2015 15:39:53

9.66 11N40M_38 Ant 2

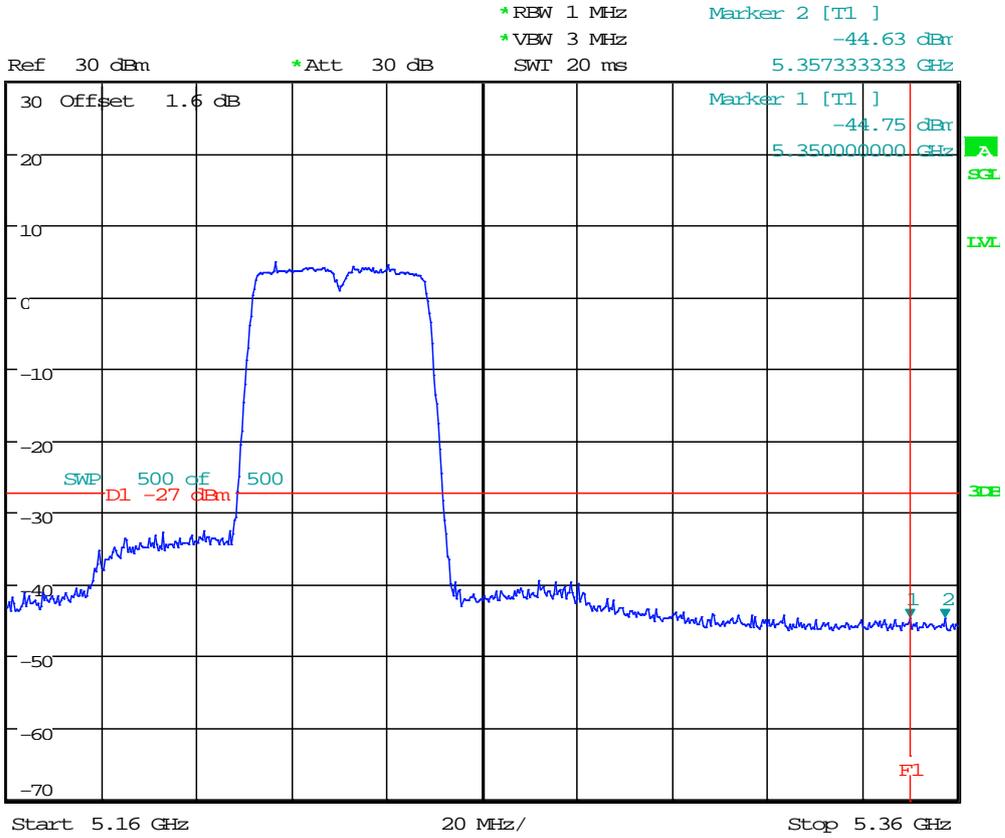


Date: 23.DEC.2015 15:44:36

9.67 11N40M_46 Ant 1

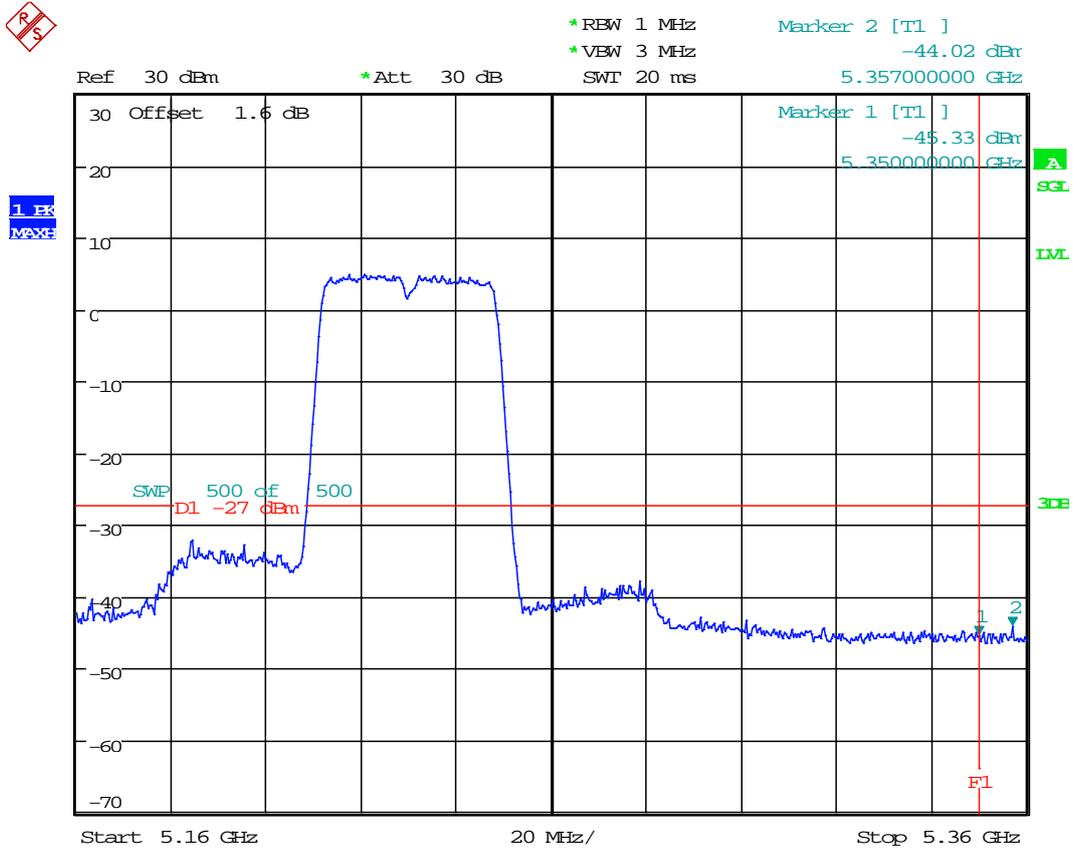


1.83
MAX



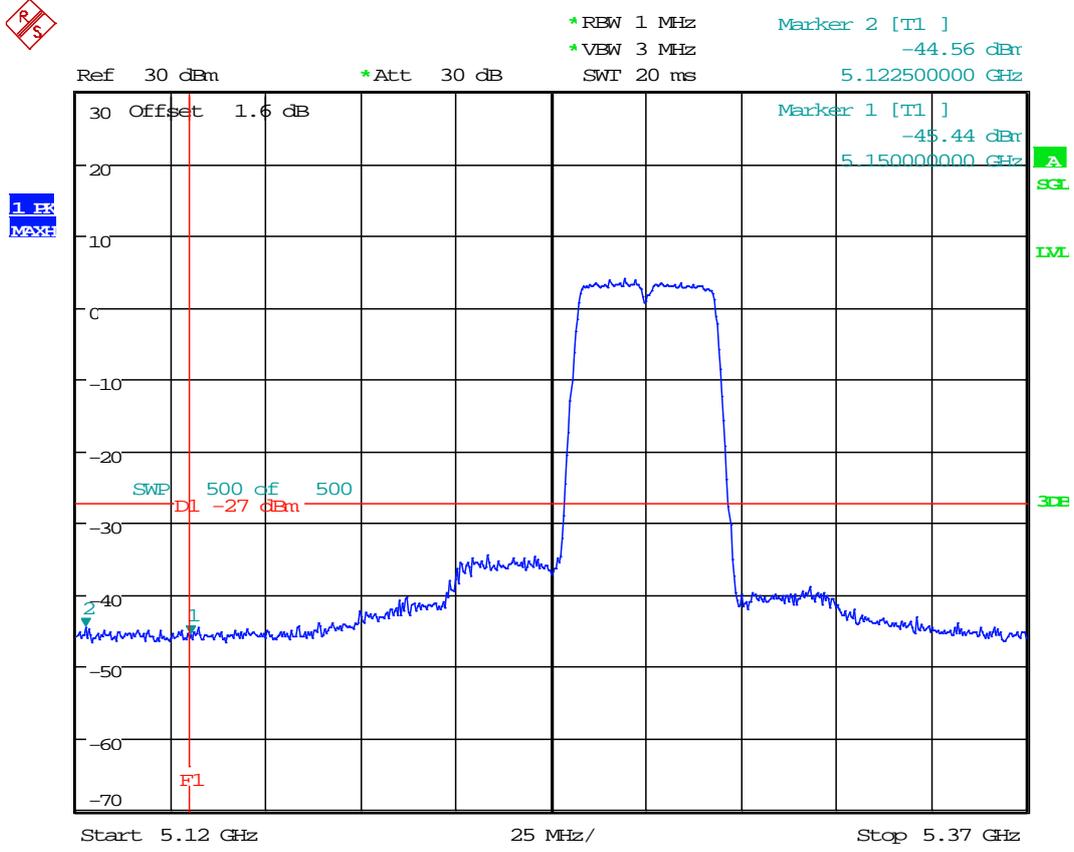
Date: 23.DEC.2015 15:54:34

9.68 11N40M_46 Ant 2



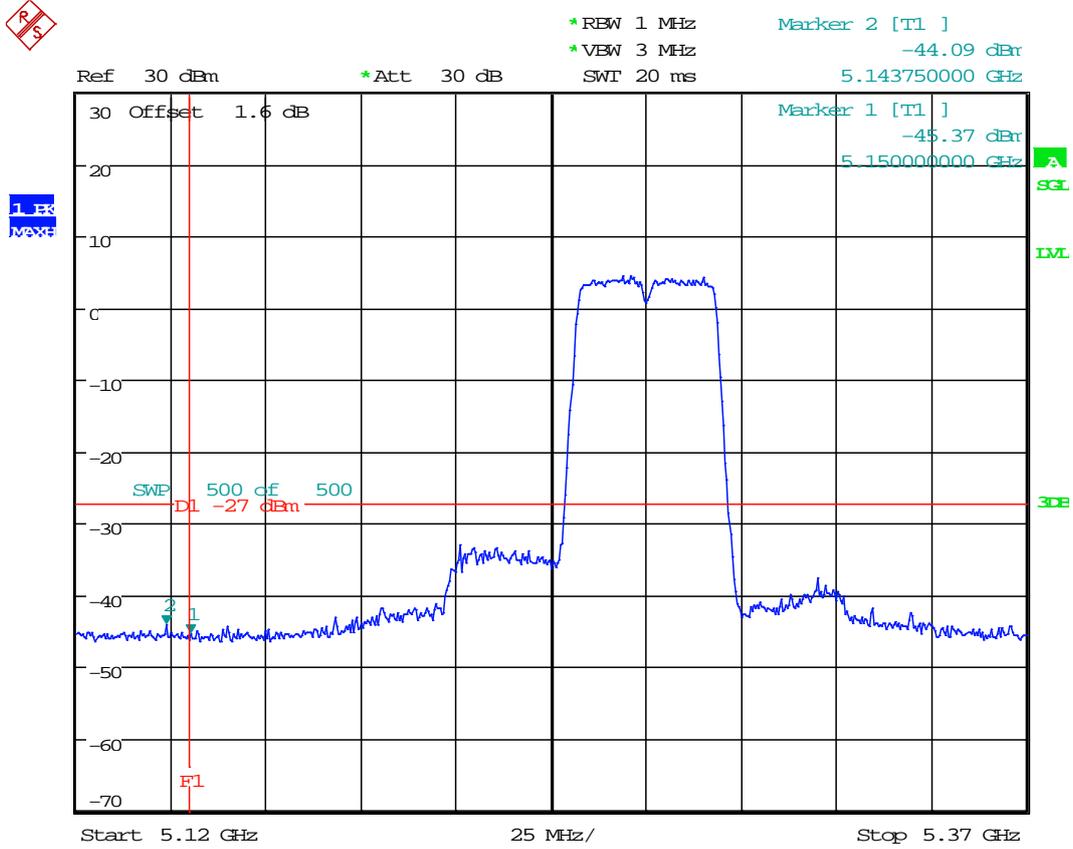
Date: 23.DEC.2015 15:49:36

9.69 11N40M_54 Ant 1



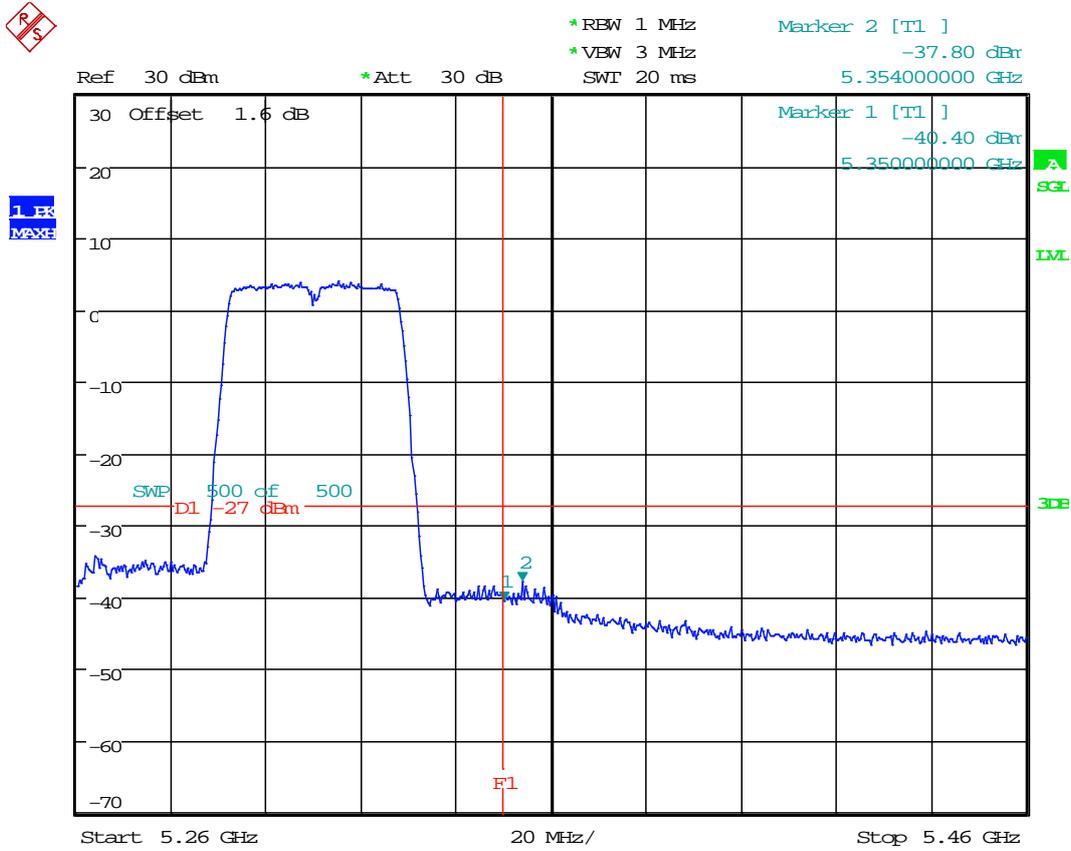
Date: 23.DEC.2015 15:59:33

9.70 11N40M_54 Ant 2



Date: 23.DEC.2015 16:04:16

9.71 11N40M_62 Ant 1

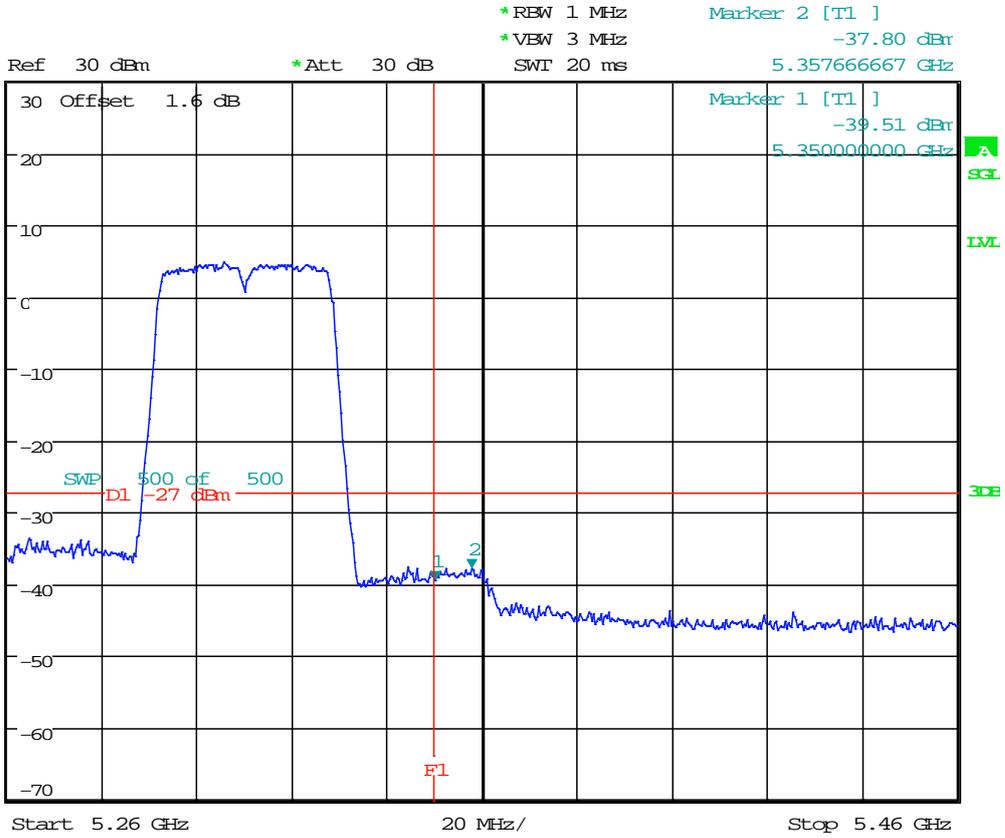


Date: 23.DEC.2015 16:13:52

9.72 11N40M_62 Ant 2

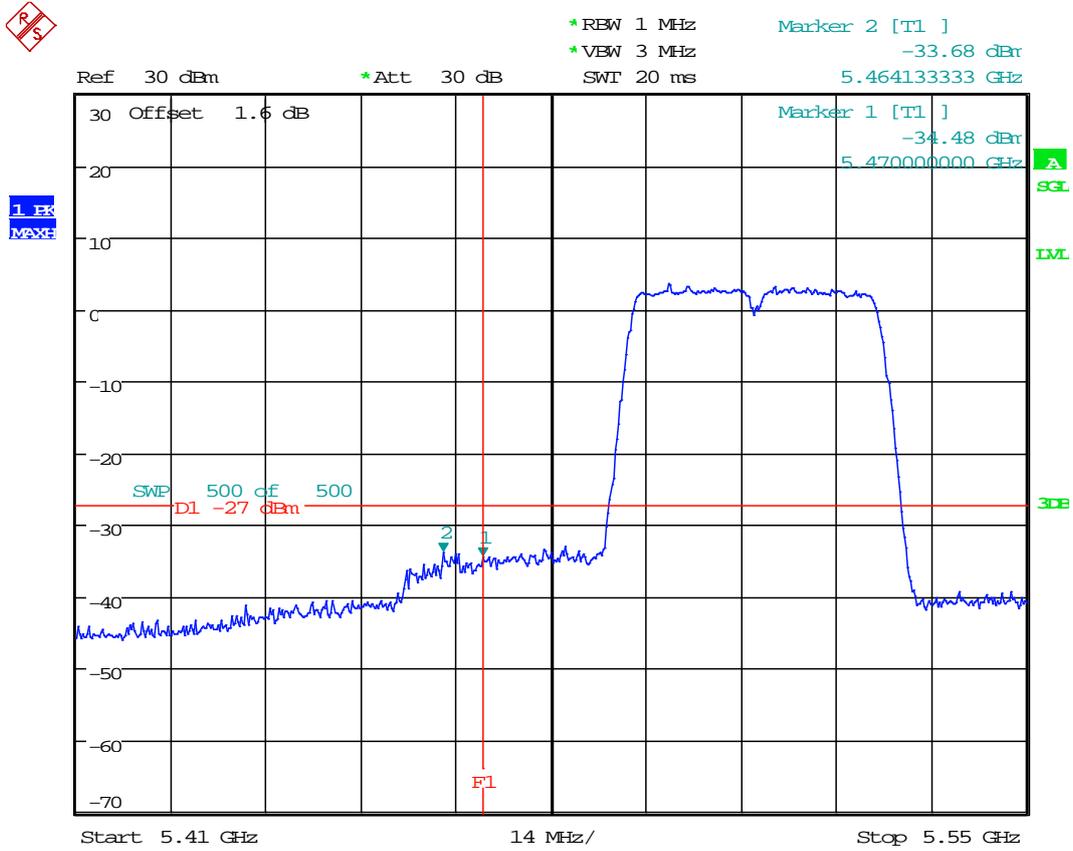


1.83
MAX



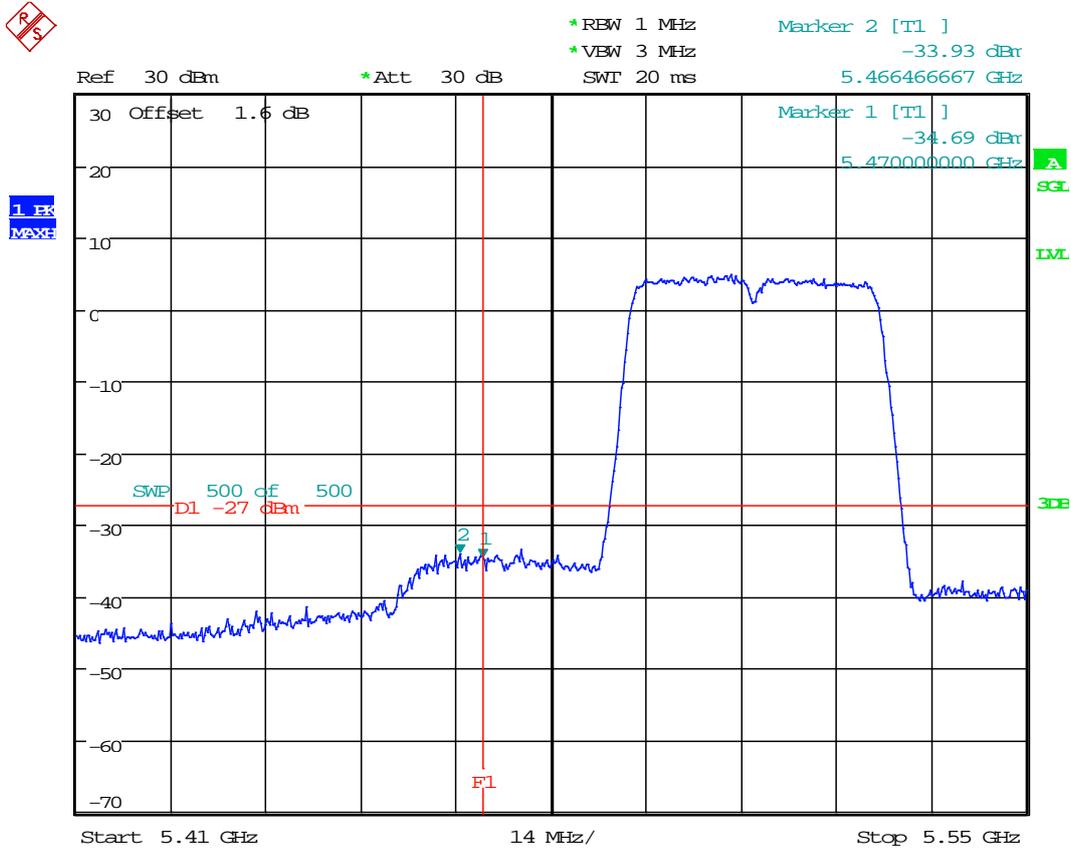
Date: 23.DEC.2015 16:09:12

9.73 11N40M_102 Ant 1



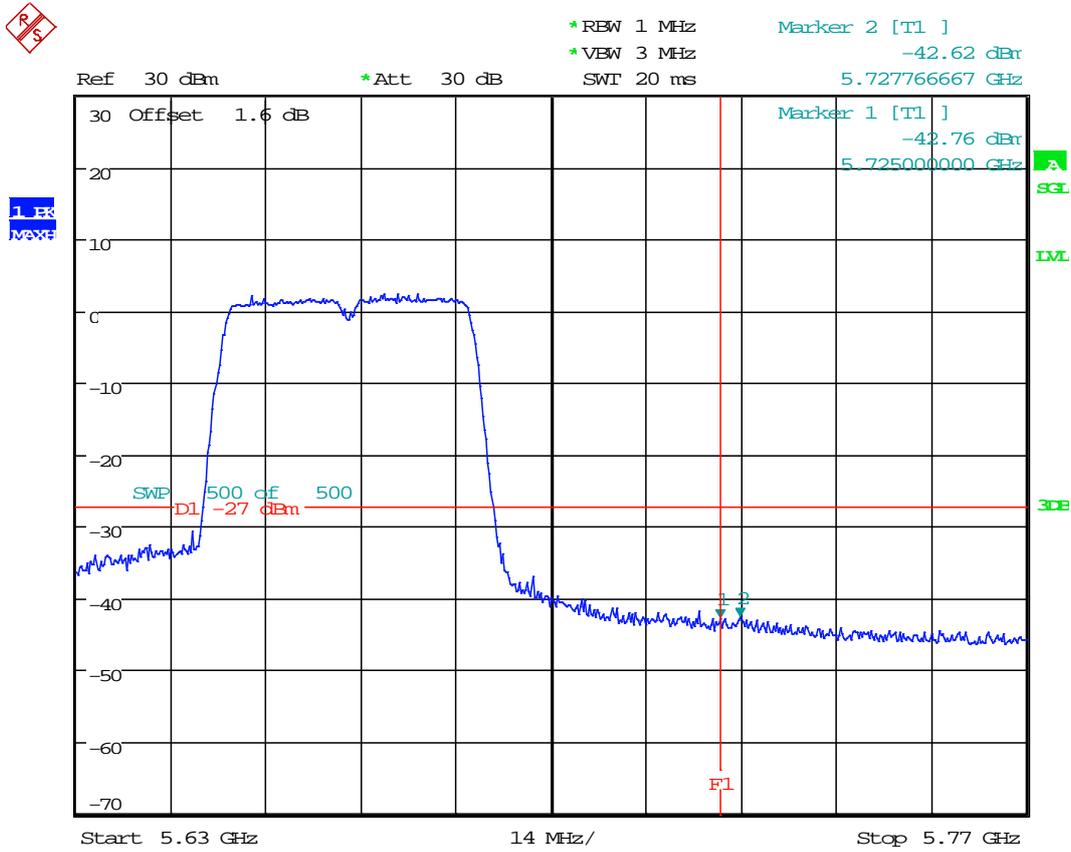
Date: 23.DEC.2015 16:17:49

9.74 11N40M_102 Ant 2



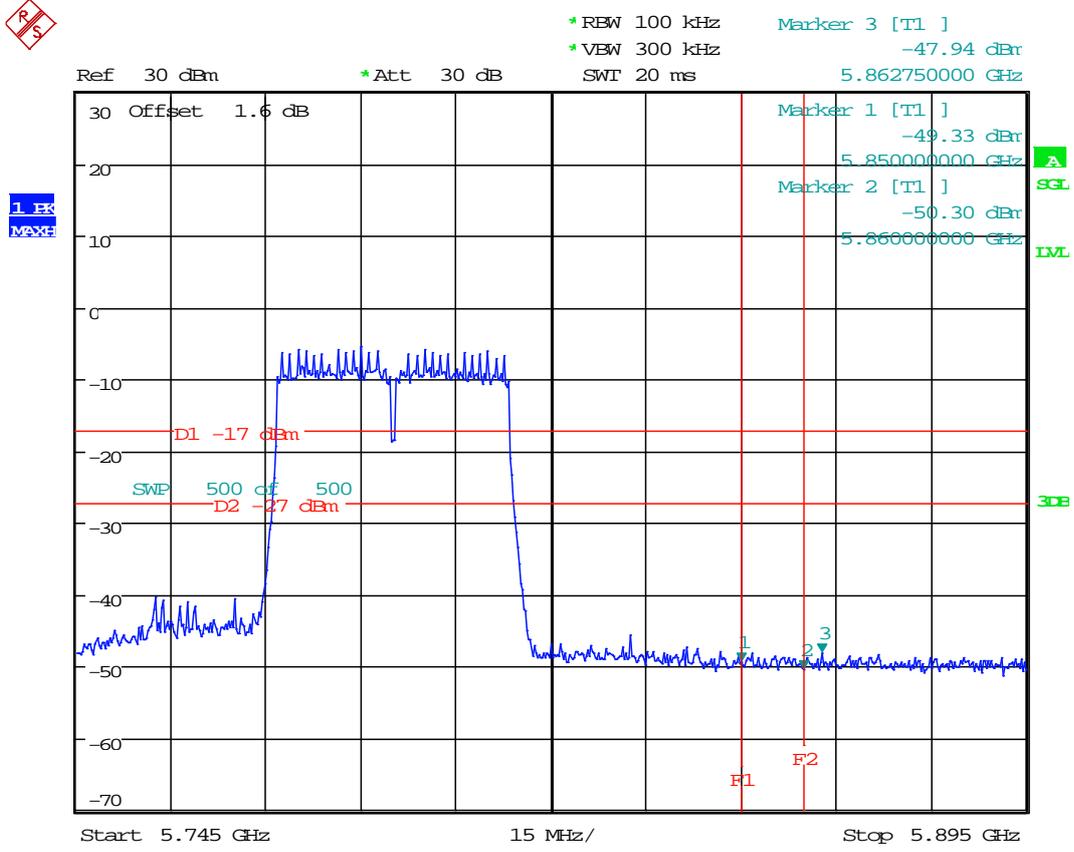
Date: 23.DEC.2015 16:21:21

9.75 11N40M_134 Ant 1



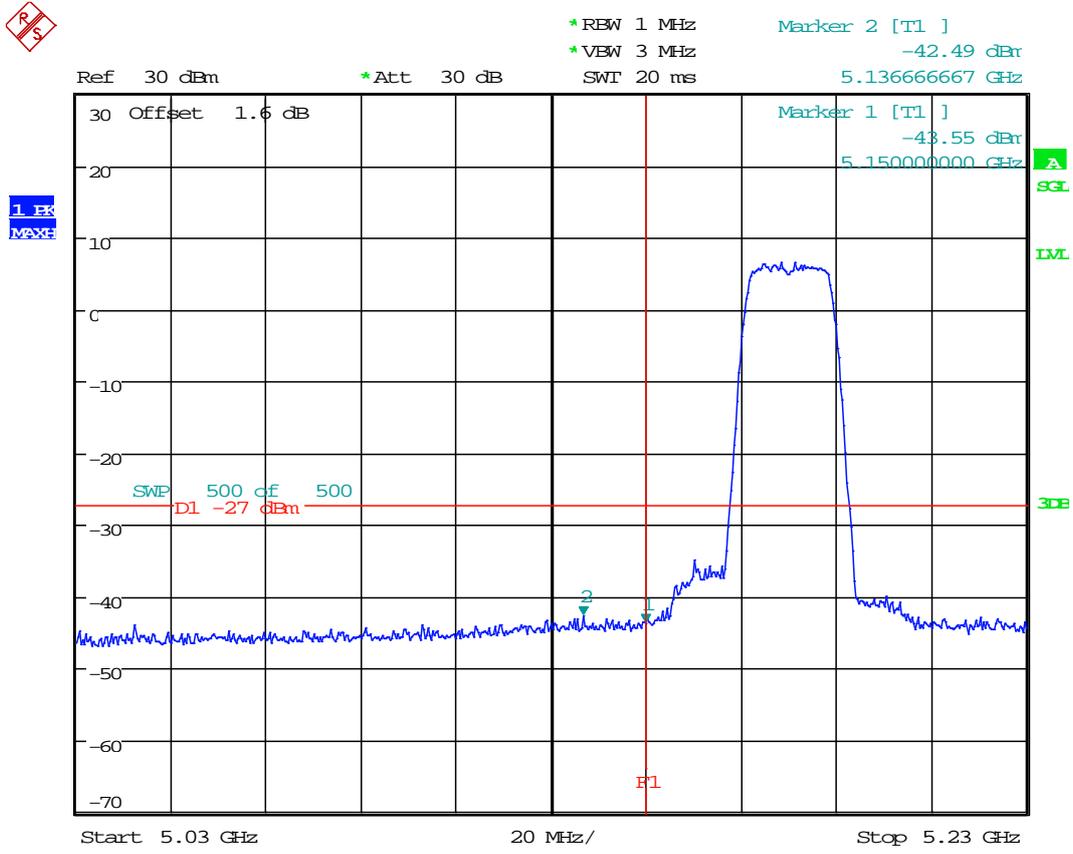
Date: 23.DEC.2015 16:27:55

9.80 11N40M_159 Ant 2



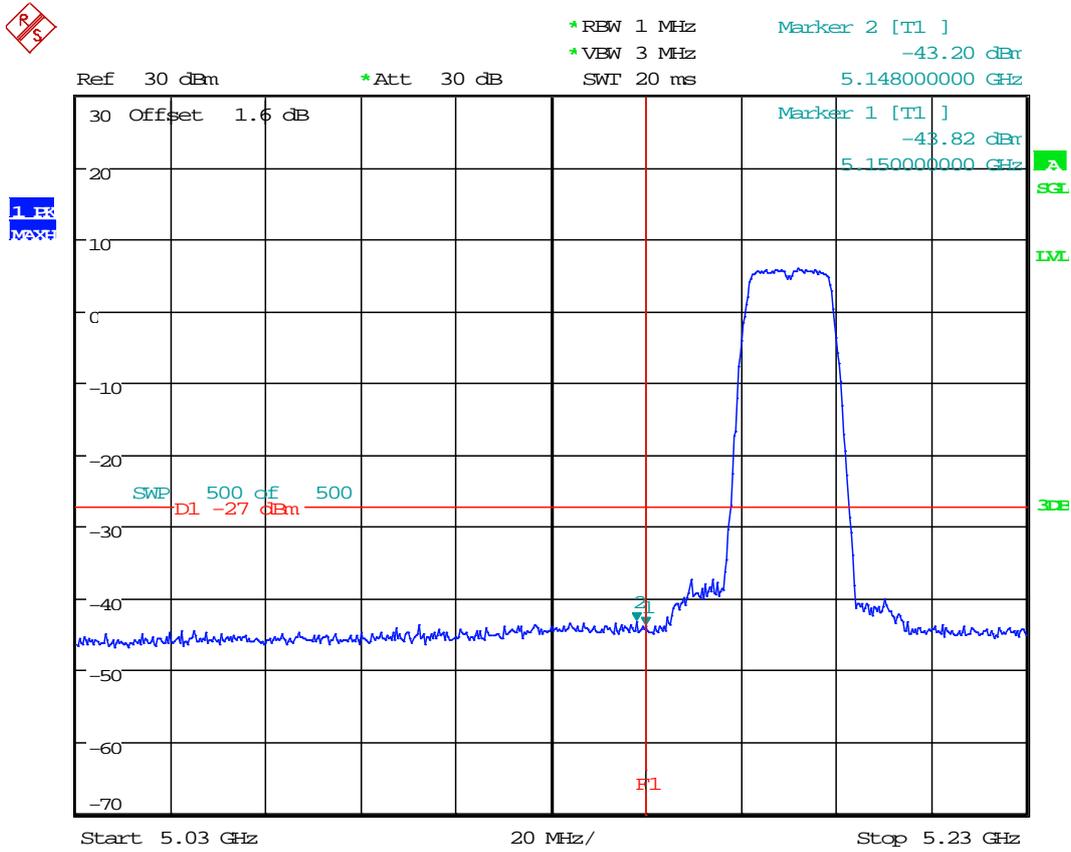
Date: 23.DEC.2015 16:46:12

9.81 11AC20_36 Ant 1



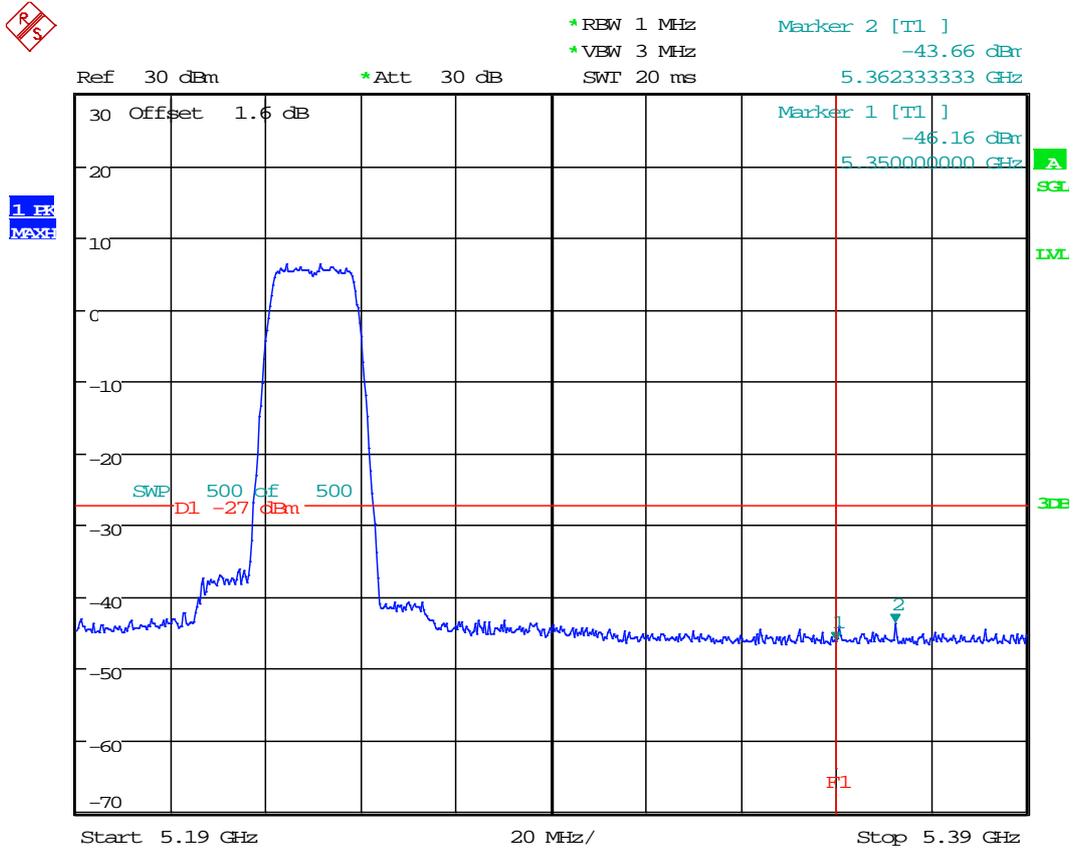
Date: 17.DEC.2015 09:53:53

9.82 11AC20_36 Ant 2



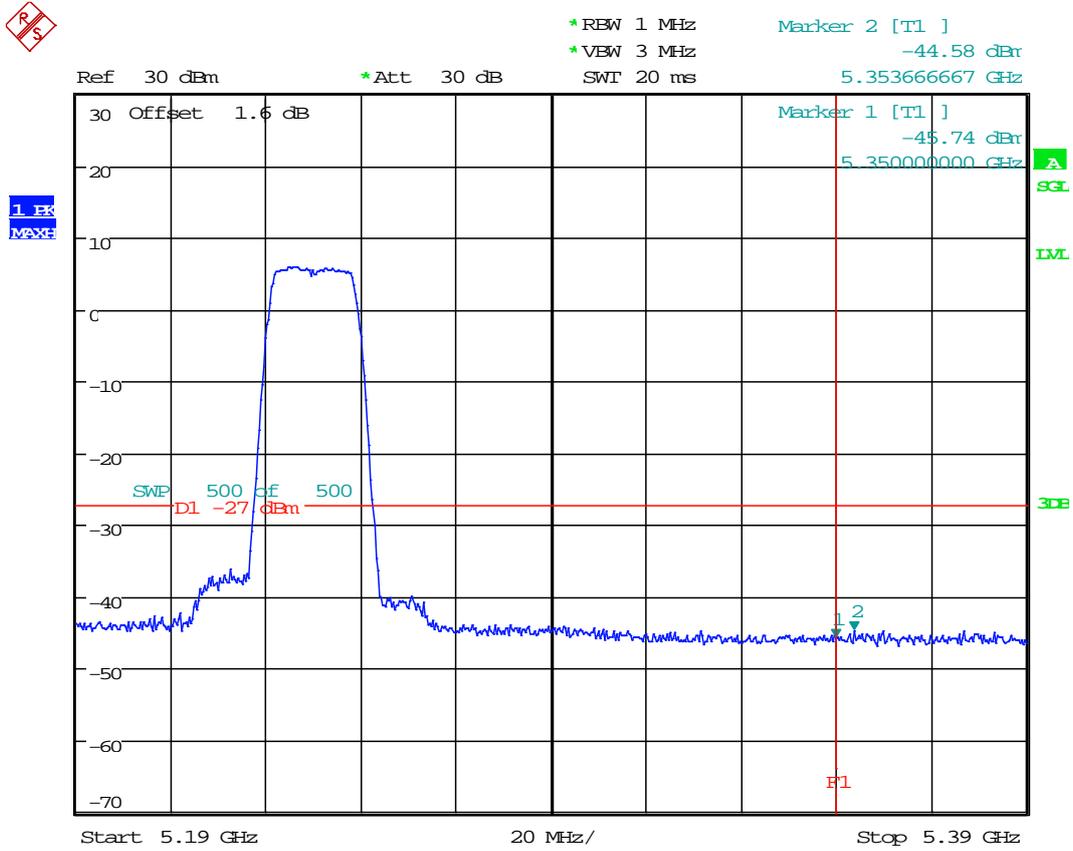
Date: 17.DEC.2015 10:54:44

9.83 11AC20_48 Ant 1



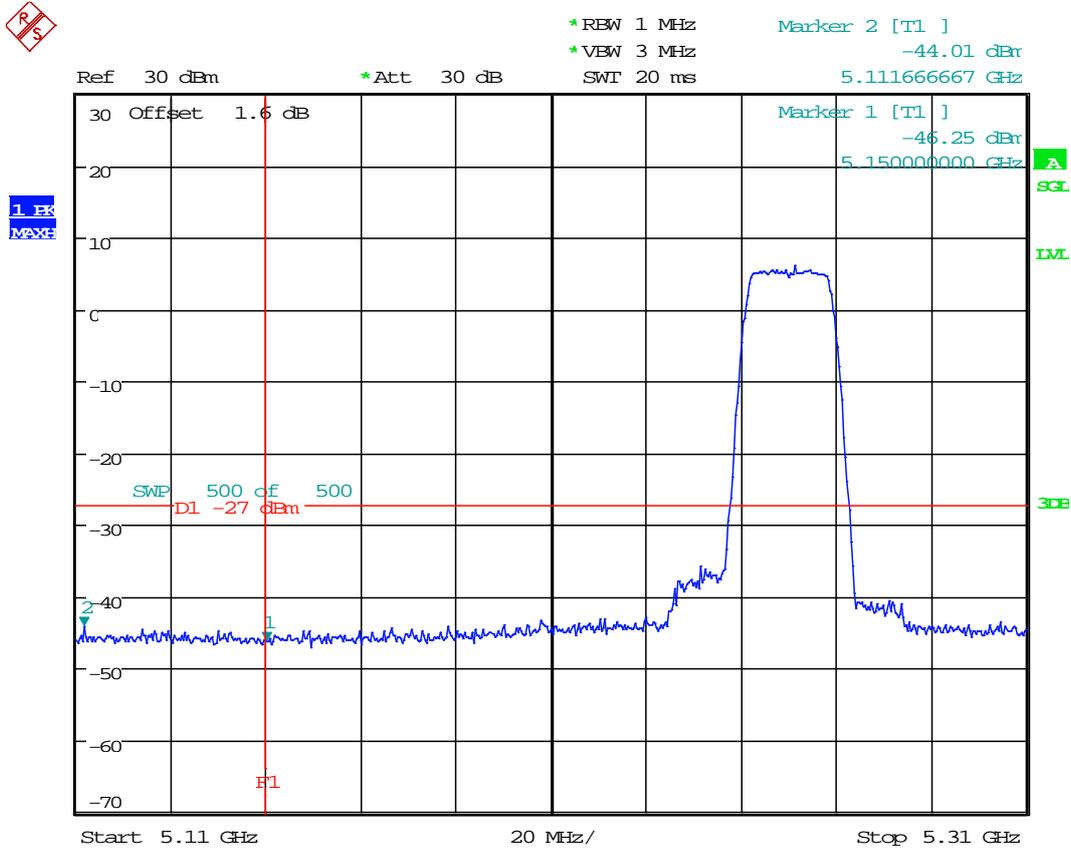
Date: 17.DEC.2015 10:00:08

9.84 11AC20_48 Ant 2



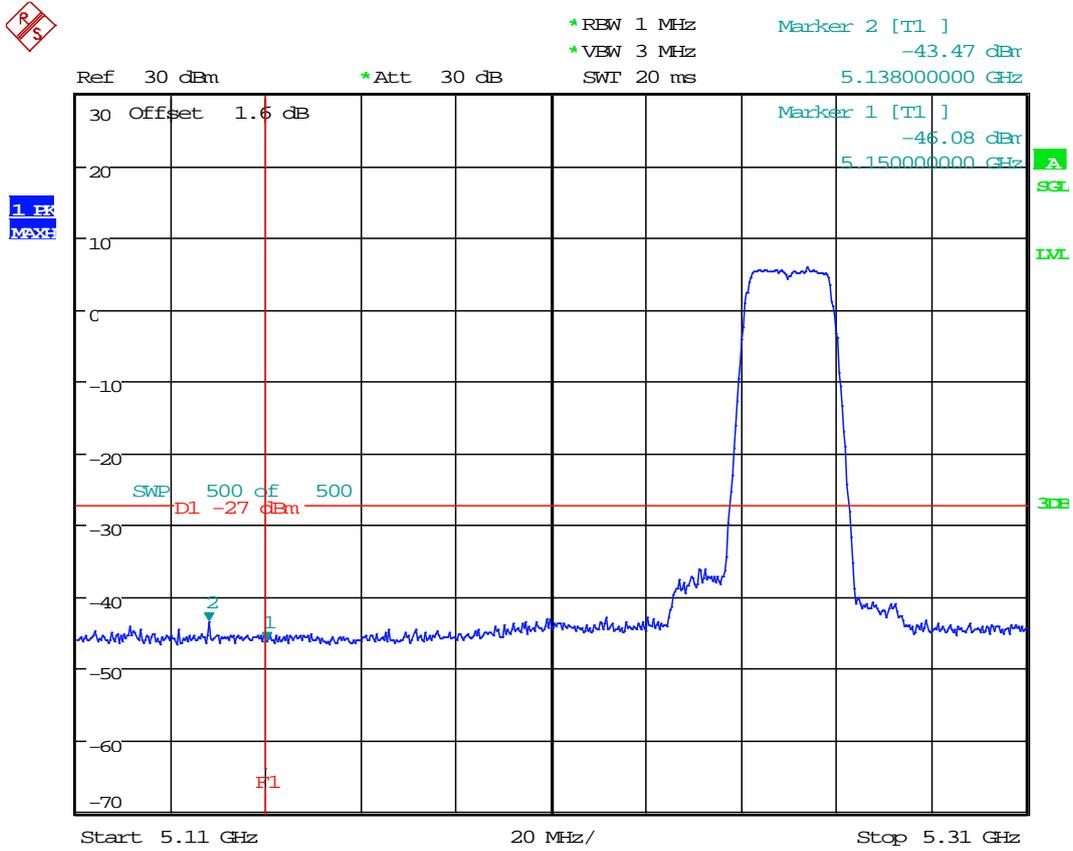
Date: 17.DEC.2015 10:59:36

9.85 11AC20_52 Ant 1



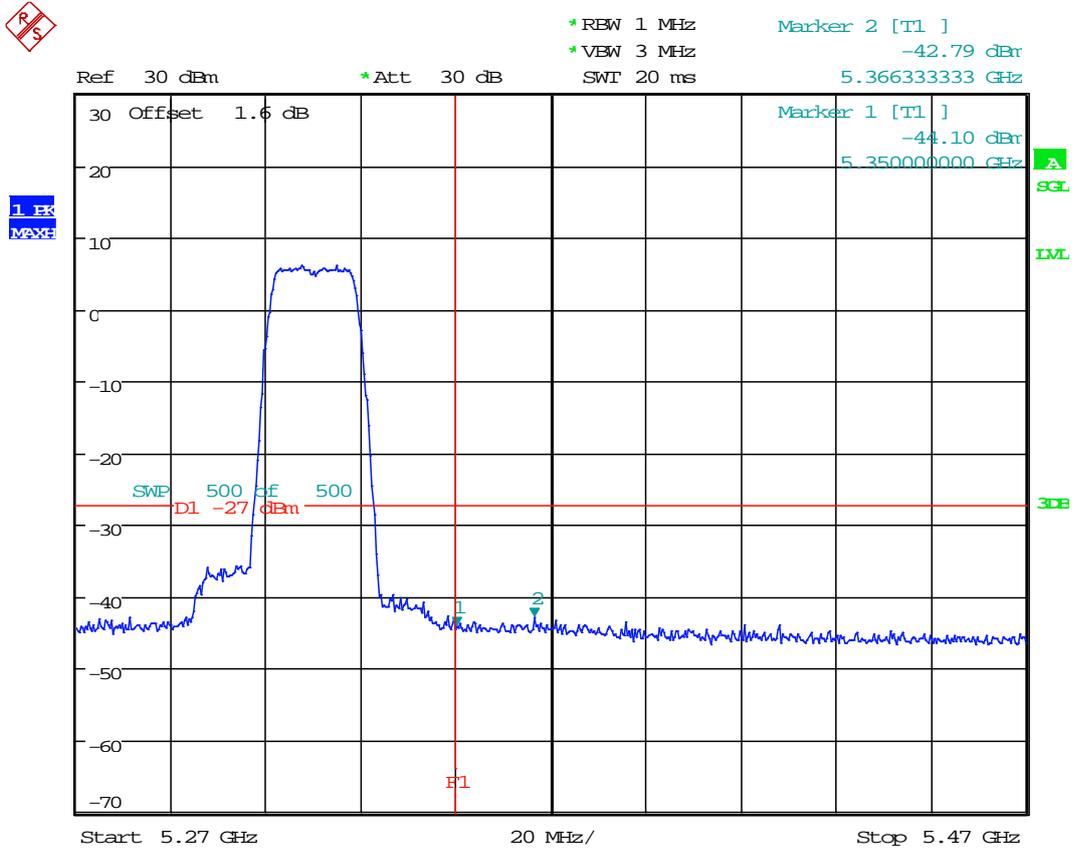
Date: 17.DEC.2015 10:05:22

9.86 11AC20_52 Ant 2



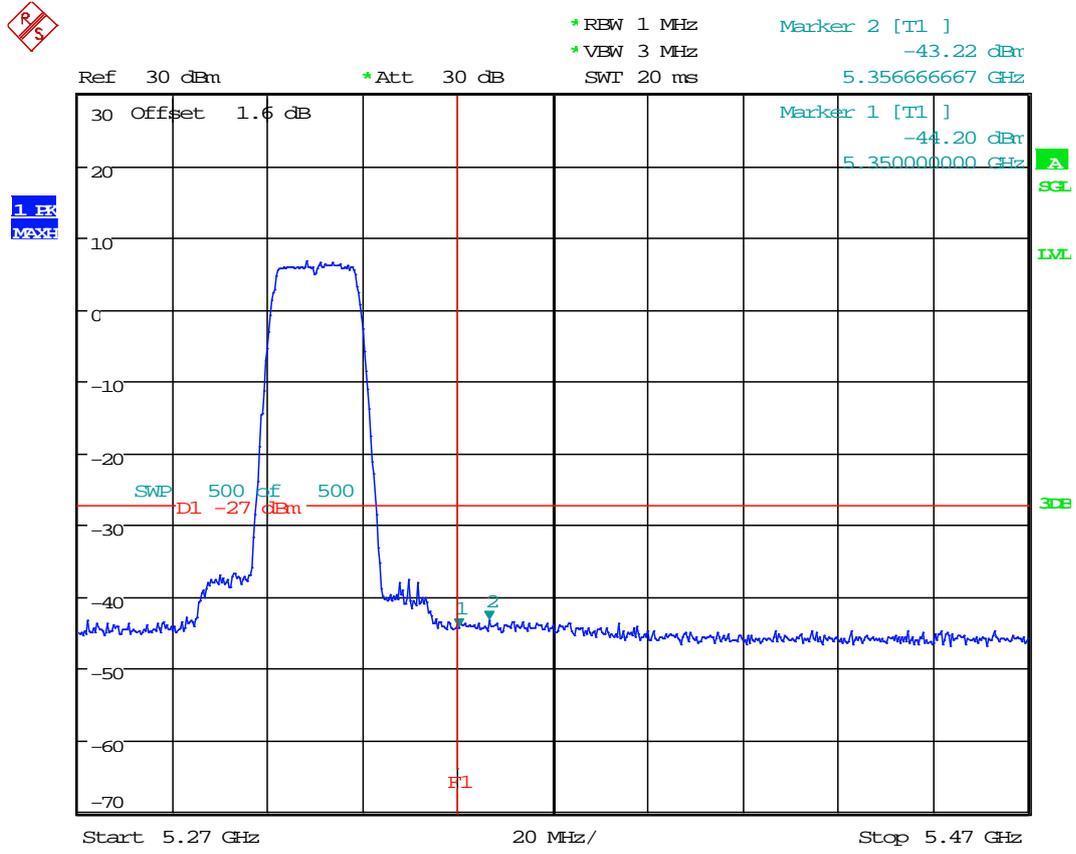
Date: 17.DEC.2015 11:04:25

9.87 11AC20_64 Ant 1



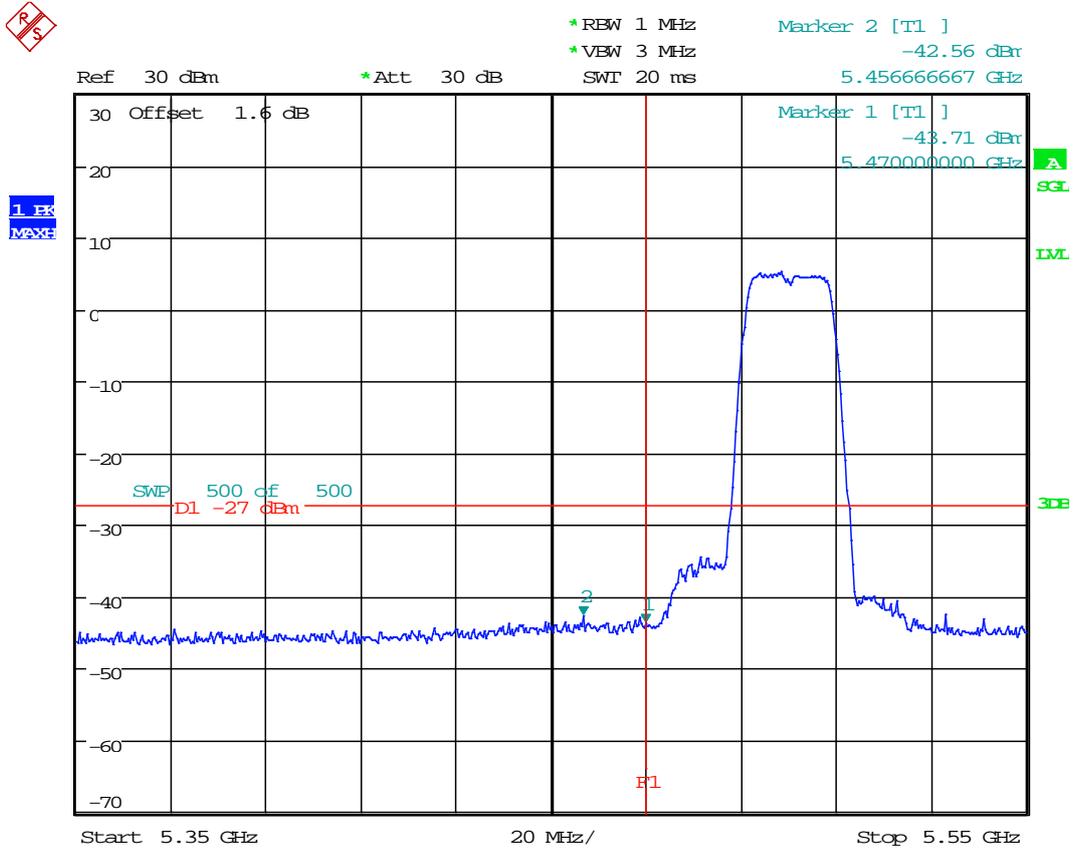
Date: 17.DEC.2015 10:10:34

9.88 11AC20_64 Ant 2



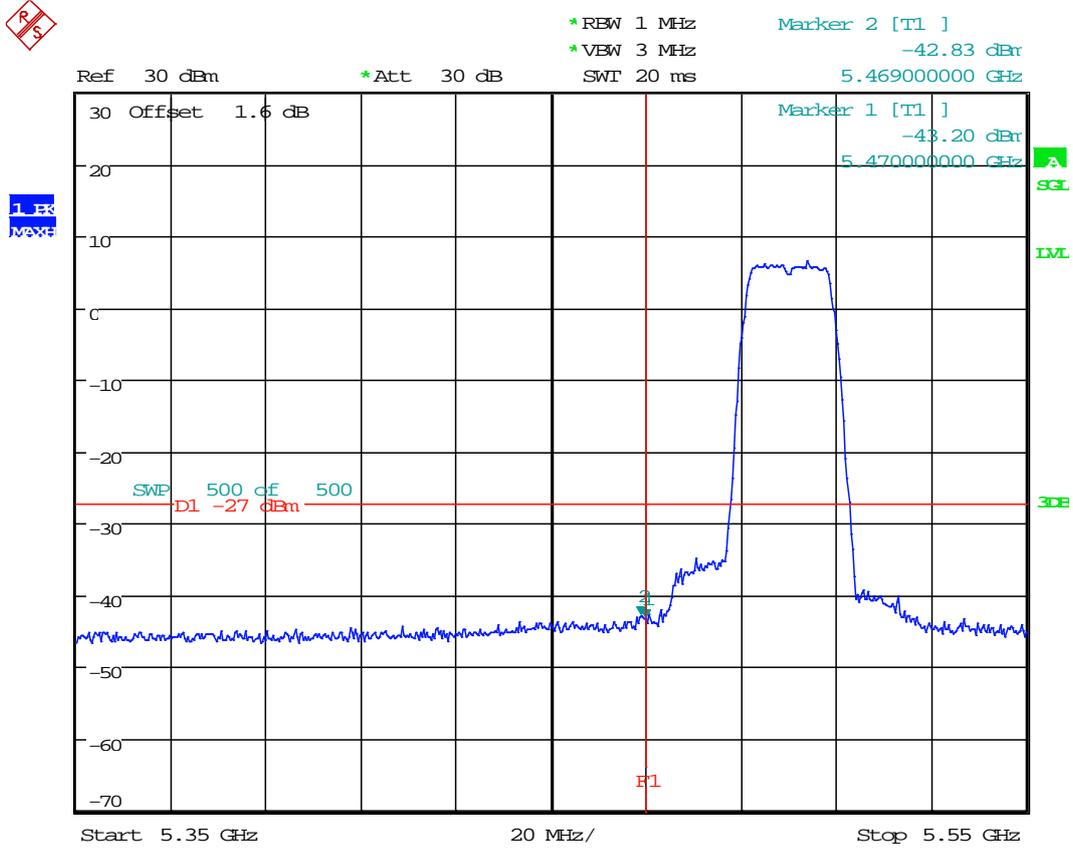
Date: 17.DEC.2015 11:09:00

9.89 11AC20_100 Ant 1



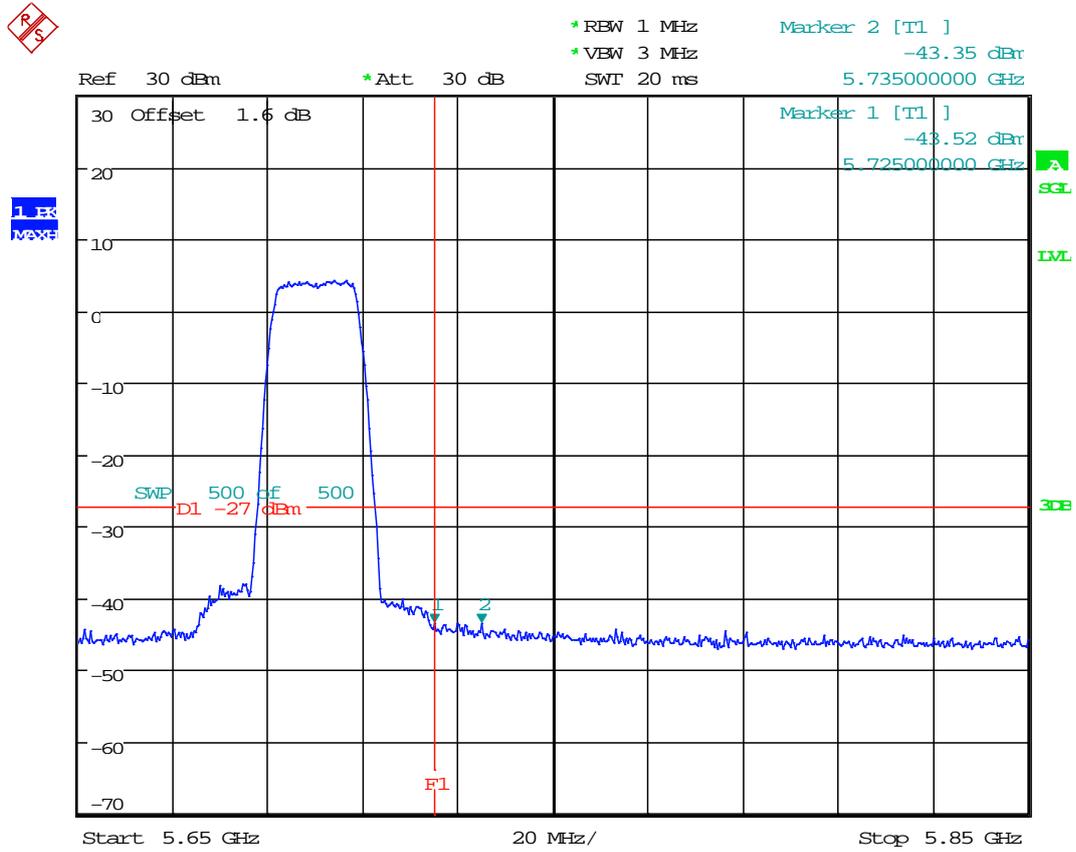
Date: 17.DEC.2015 10:21:00

9.90 11AC20_100 Ant 2



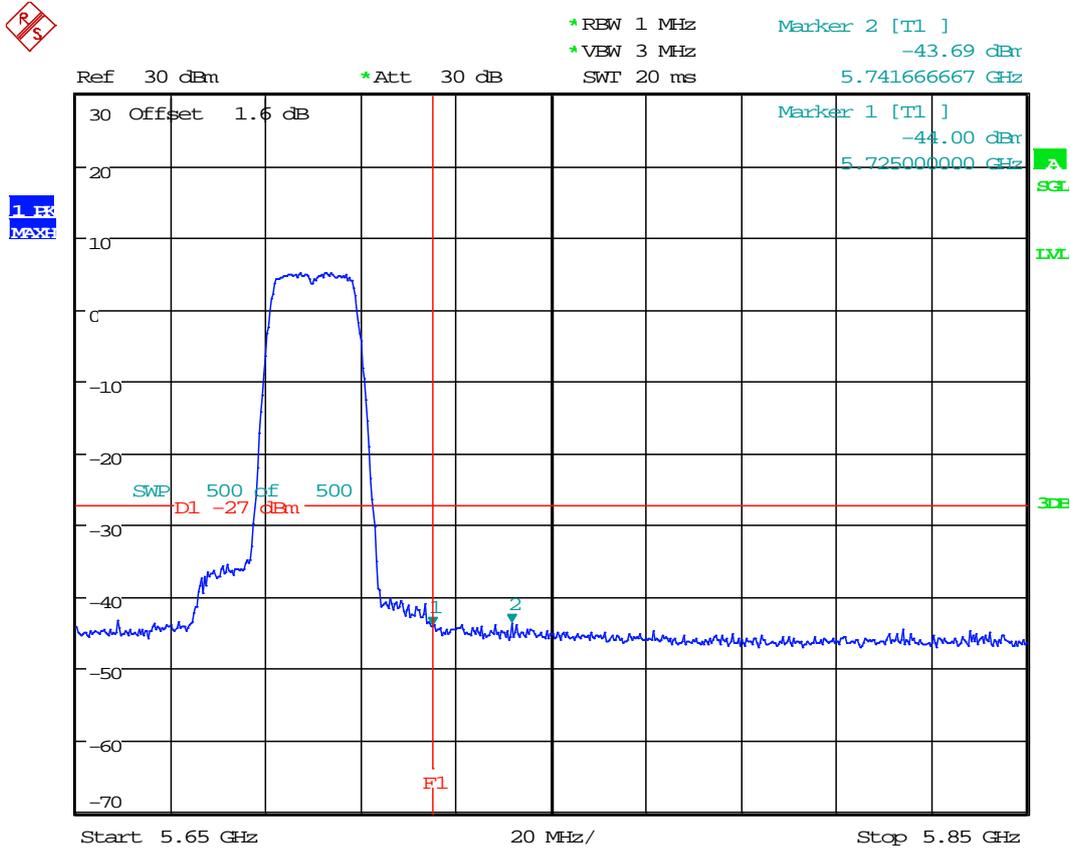
Date: 17.DEC.2015 11:16:37

9.91 11AC20_140 Ant 1



Date: 17.DEC.2015 10:26:25

9.92 11AC20_140 Ant 2

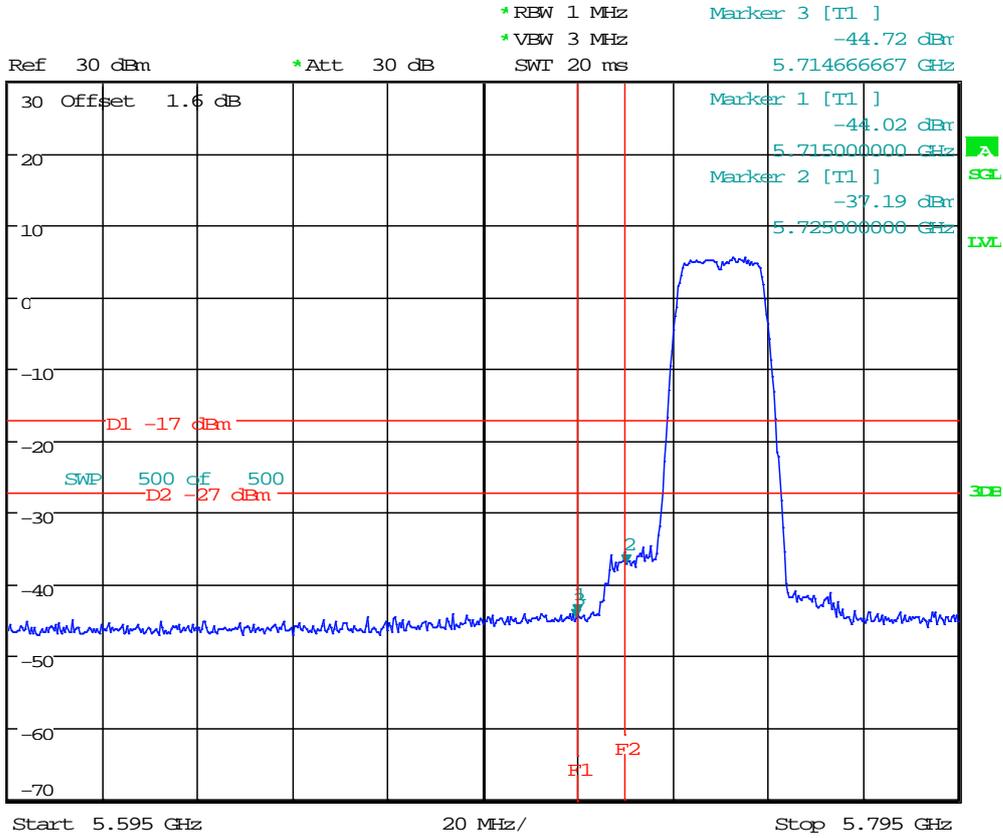


Date: 17.DEC.2015 11:21:11

9.93 11AC20_149 Ant 1

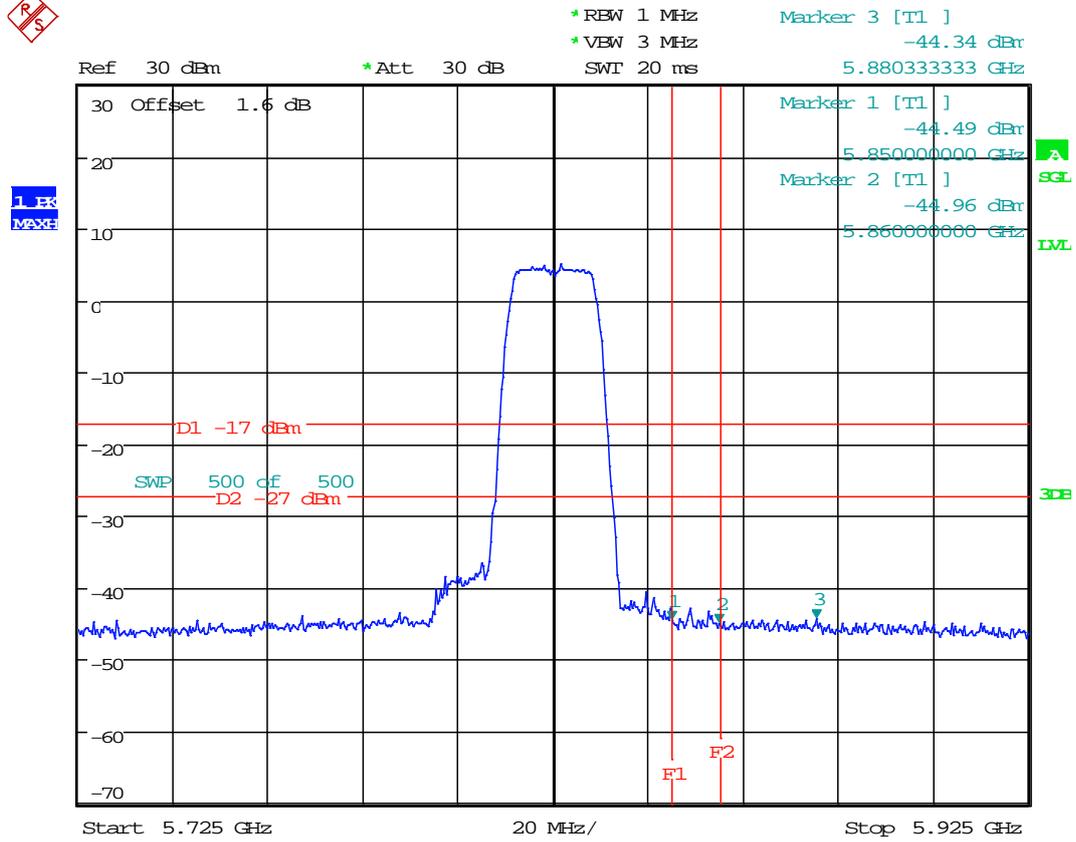


1.63
Wave



Date: 17.DEC.2015 10:35:28

9.95 11AC20_165 Ant 1

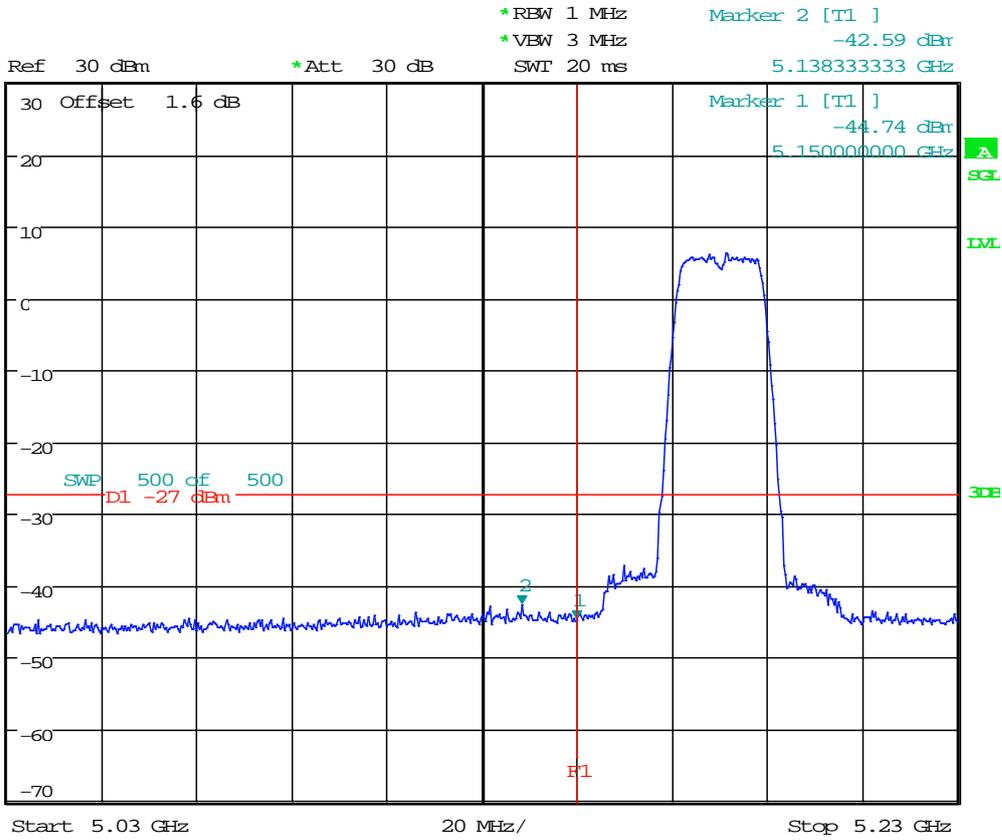


Date: 17.DEC.2015 10:40:44

9.98 11AC20M_36 Ant 2

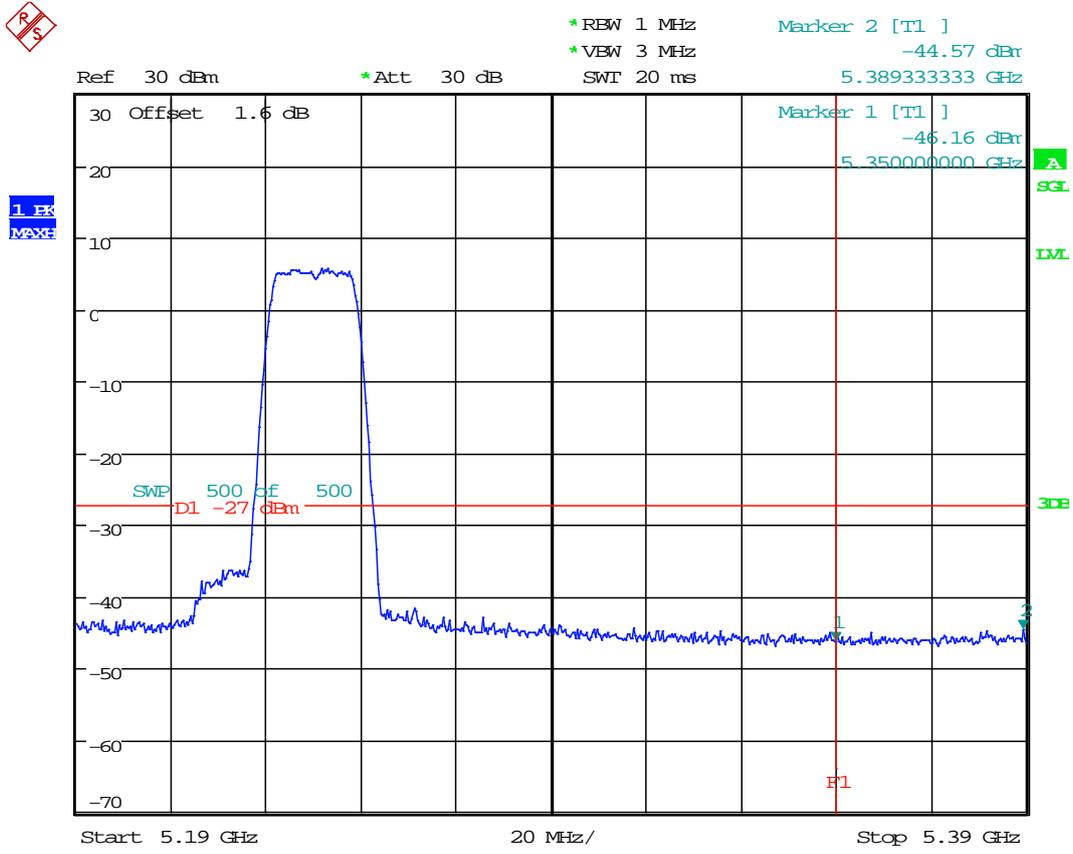


1 EK
MAX



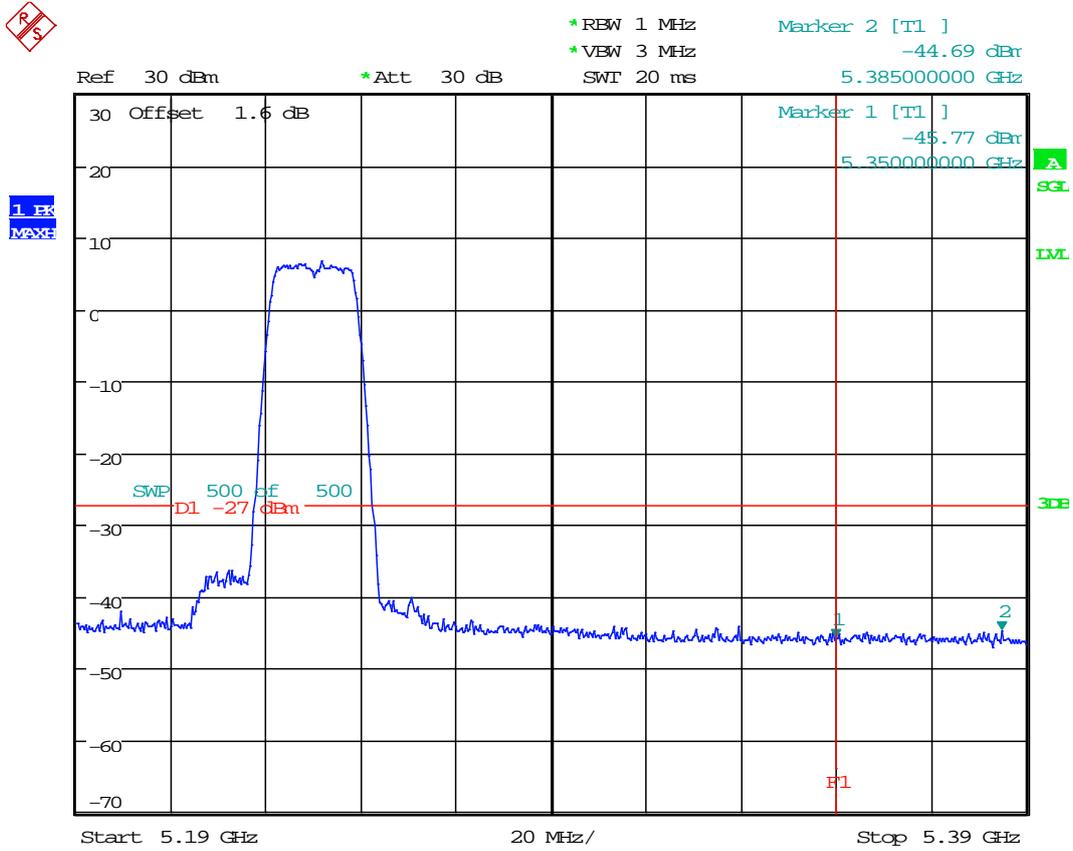
Date: 23.DEC.2015 17:02:47

9.99 11AC20M_48 Ant 1



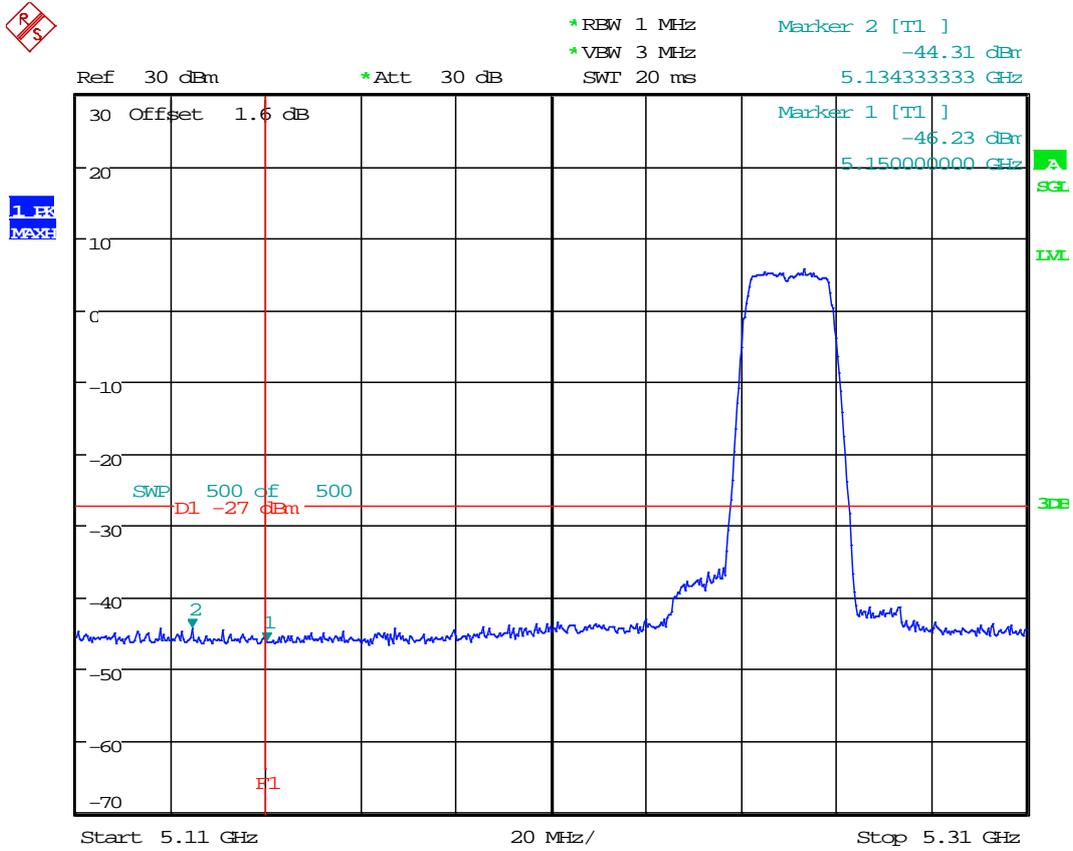
Date: 23.DEC.2015 17:12:31

9.100 11AC20M_48 Ant 2



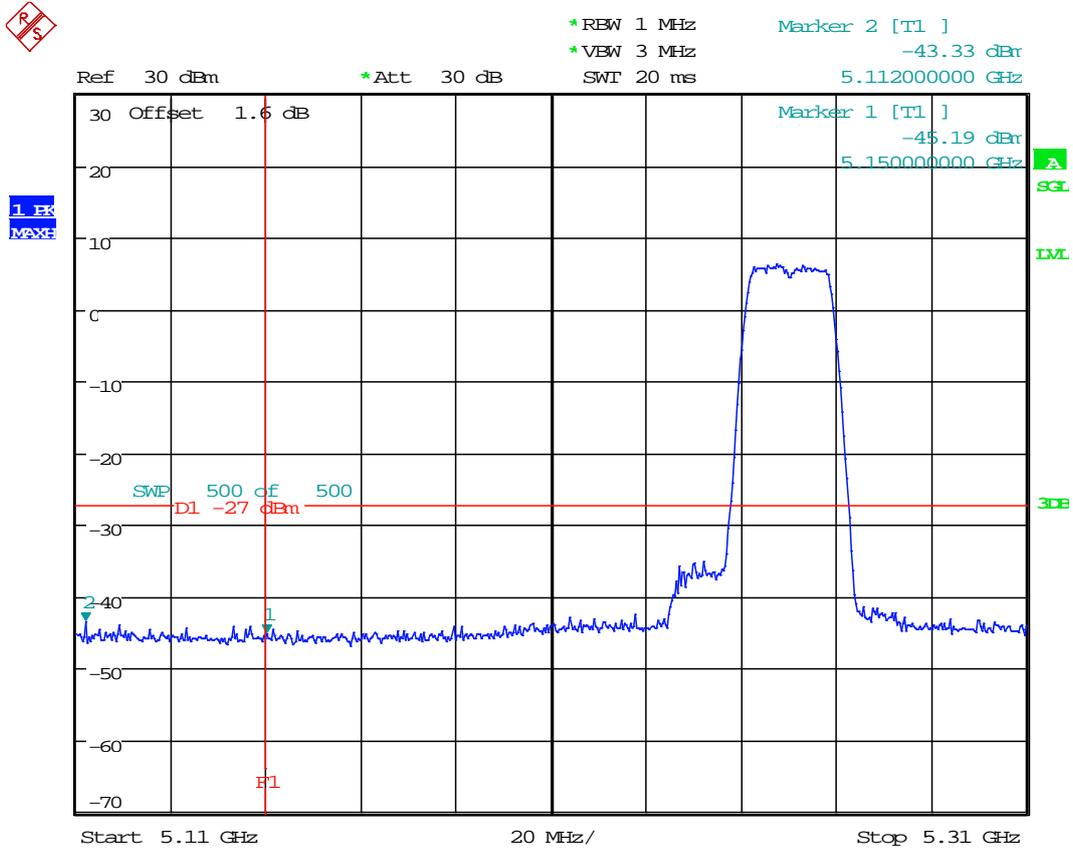
Date: 23.DEC.2015 17:07:37

9.101 11AC20M_52 Ant 1



Date: 23.DEC.2015 17:18:33

9.102 11AC20M_52 Ant 2

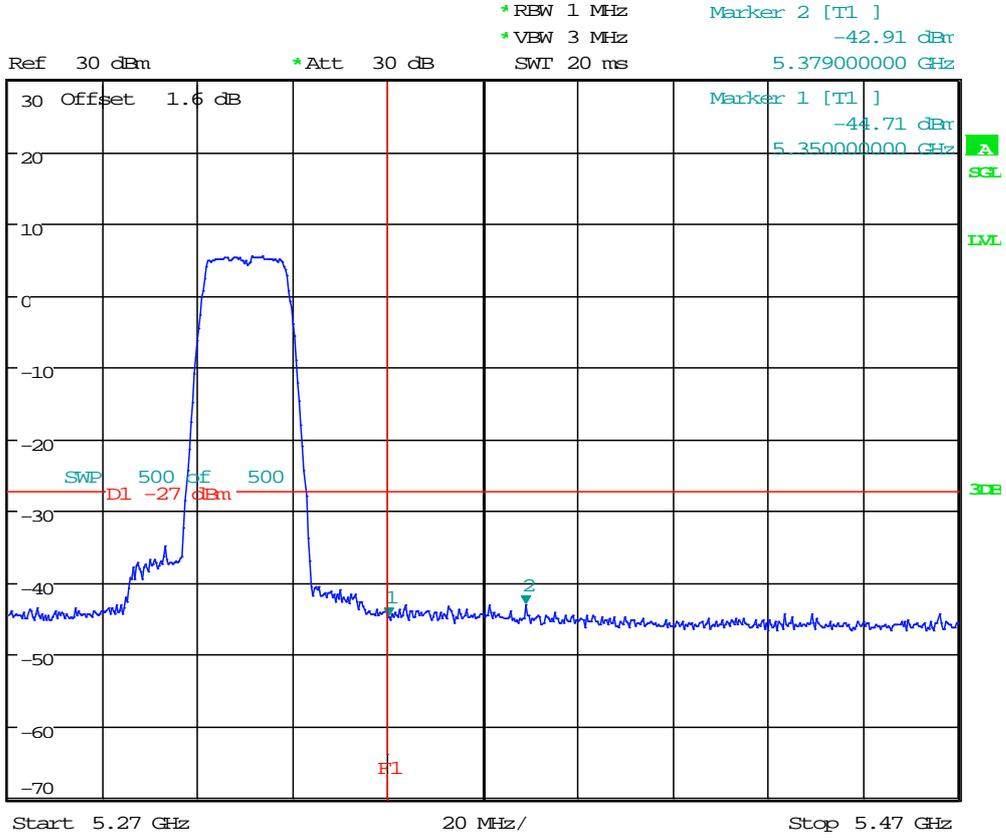


Date: 23.DEC.2015 17:23:22

9.103 11AC20M_64 Ant 1

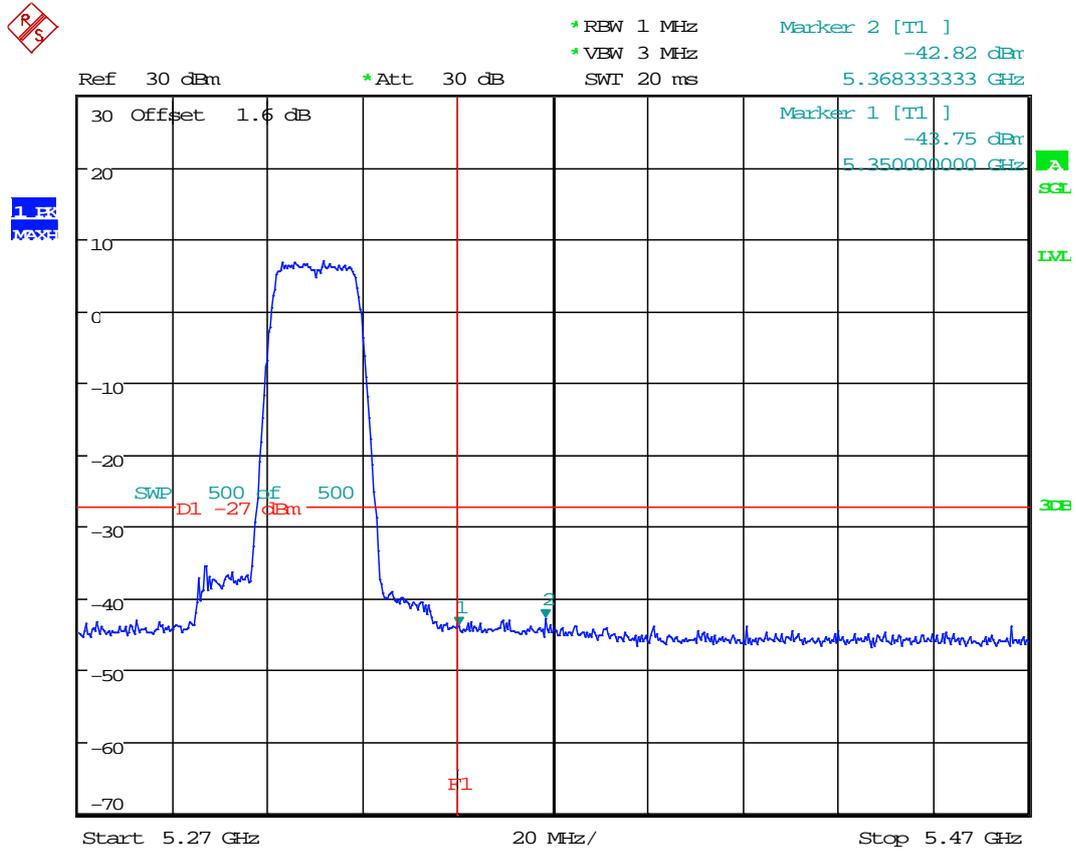


1 PK
MAXH



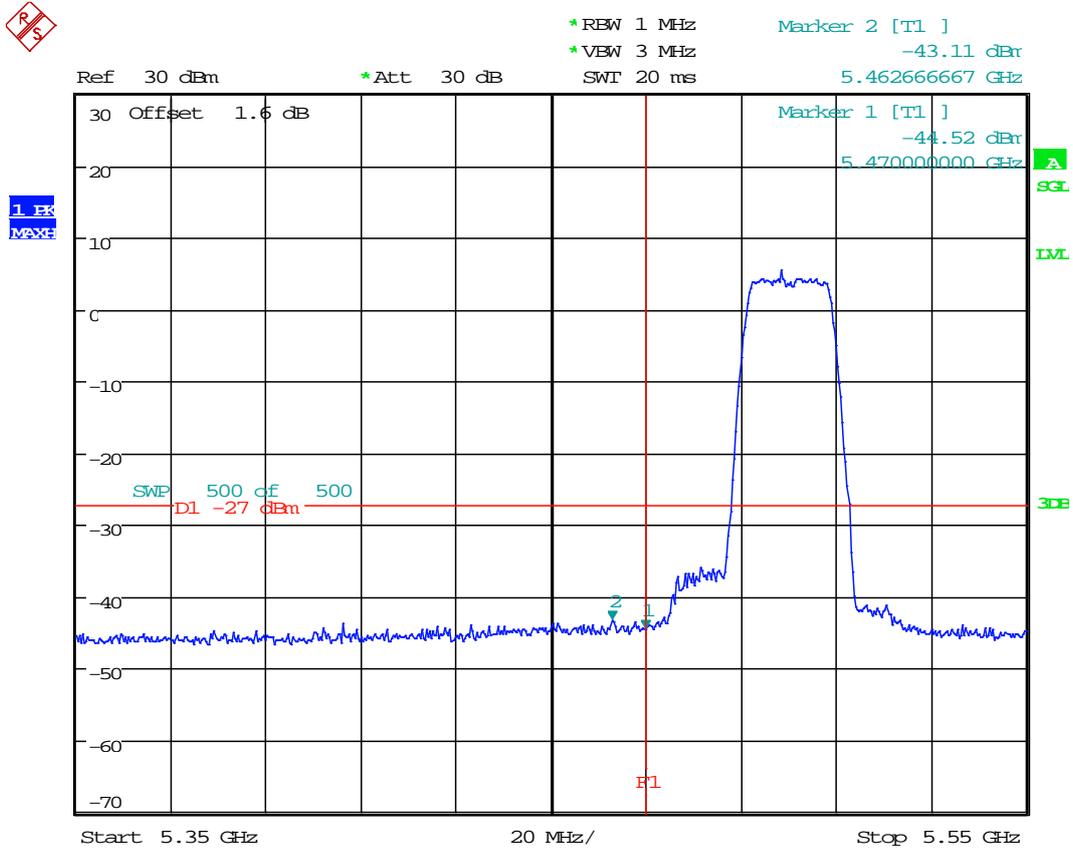
Date: 23.DEC.2015 17:32:56

9.104 11AC20M_64 Ant 2



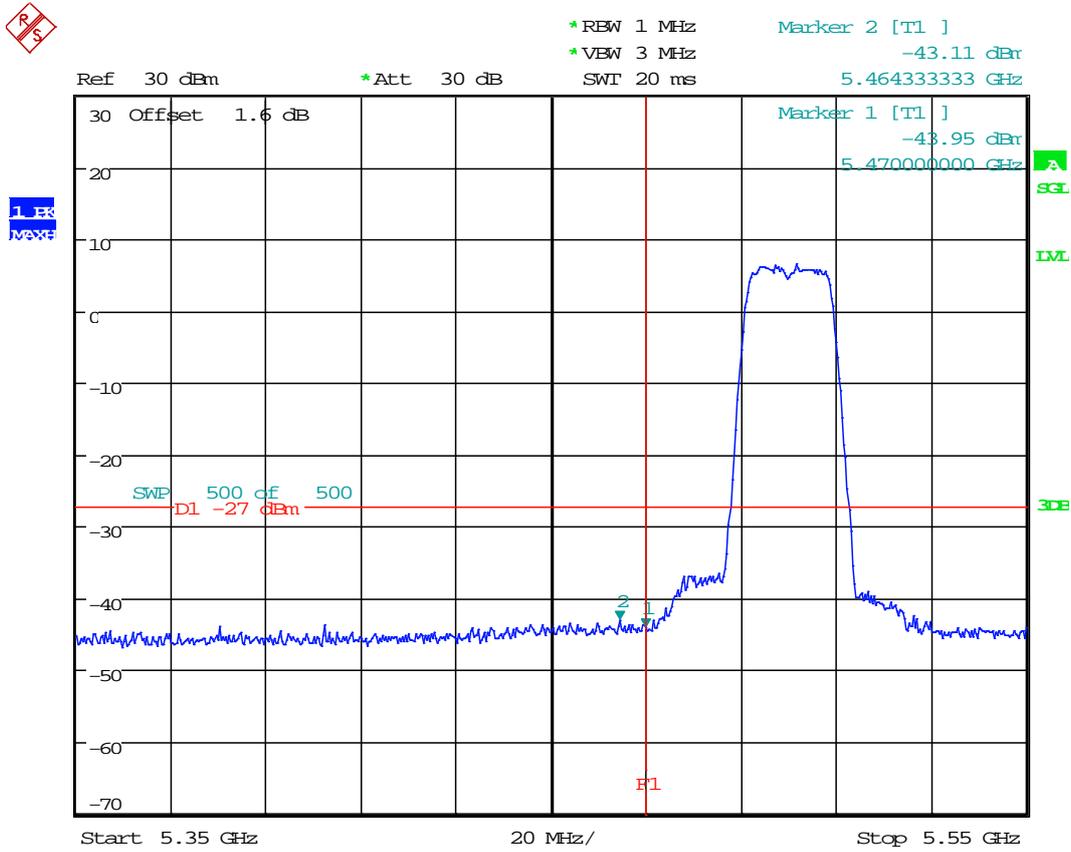
Date: 23.DEC.2015 17:28:24

9.105 11AC20M_100 Ant 1



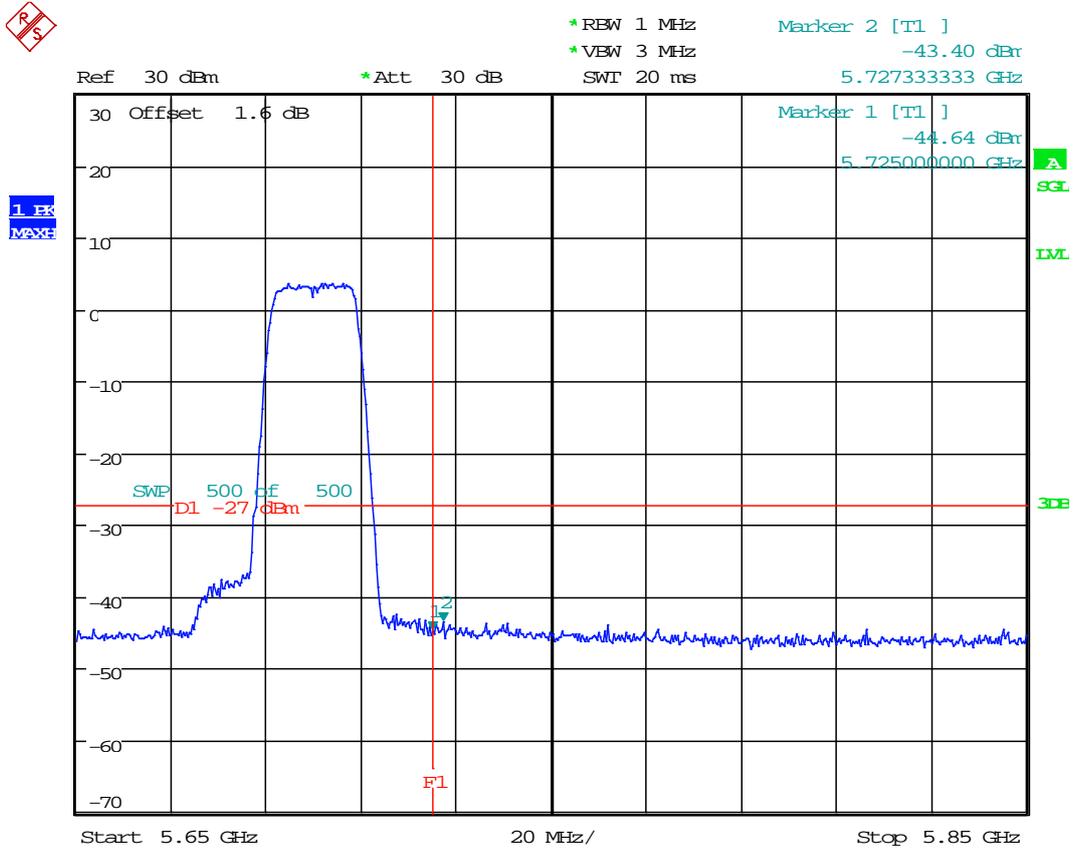
Date: 23.DEC.2015 17:37:45

9.106 11AC20M_100 Ant 2



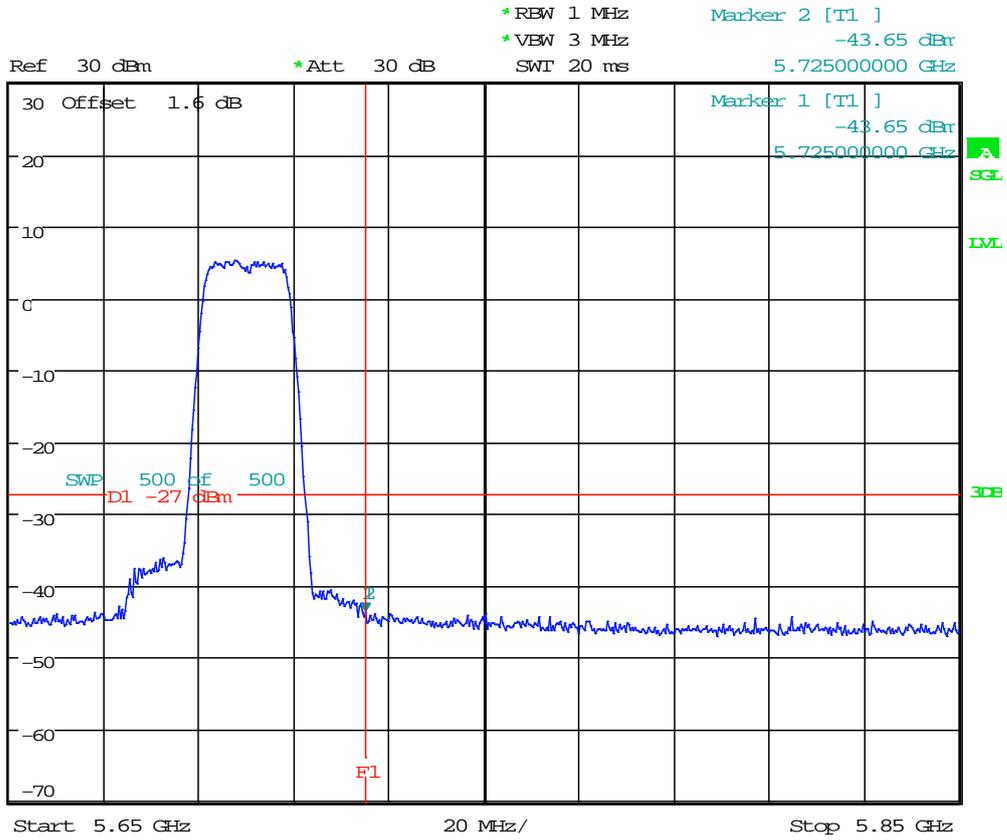
Date: 23.DEC.2015 17:42:31

9.107 11AC20M_140 Ant 1



Date: 23.DEC.2015 17:52:20

9.108 11AC20M_140 Ant 2

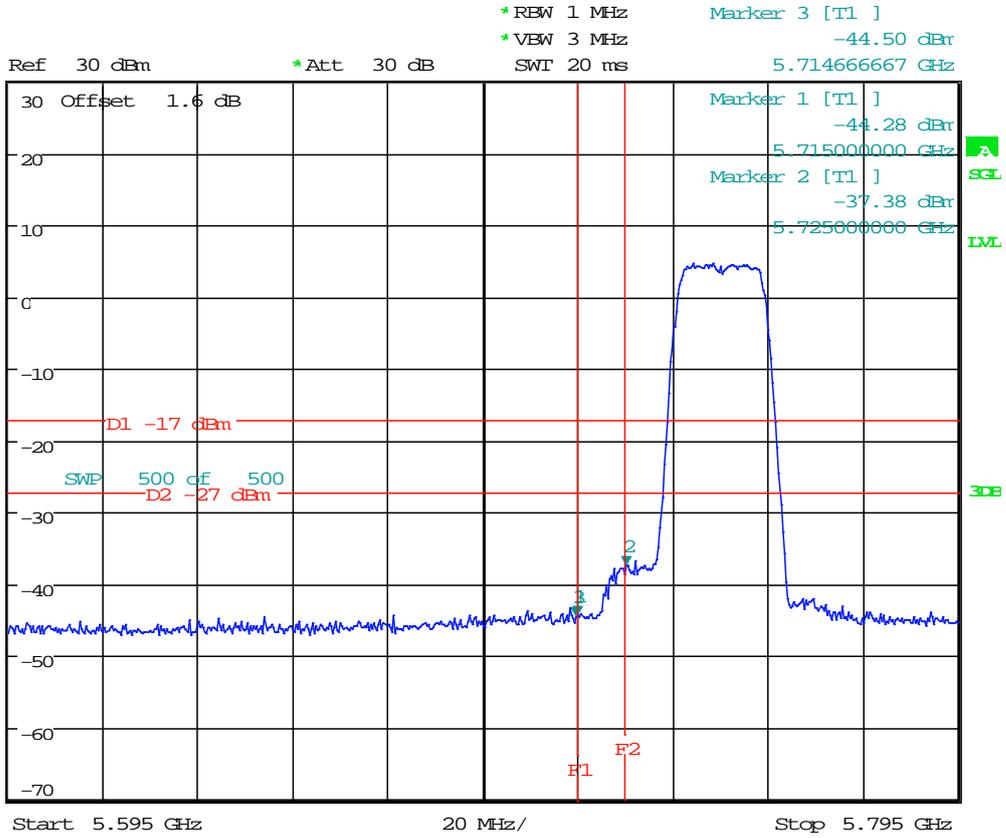
1.6K
MAXE

Date: 23.DEC.2015 17:47:35

9.109 11AC20M_149 Ant 1

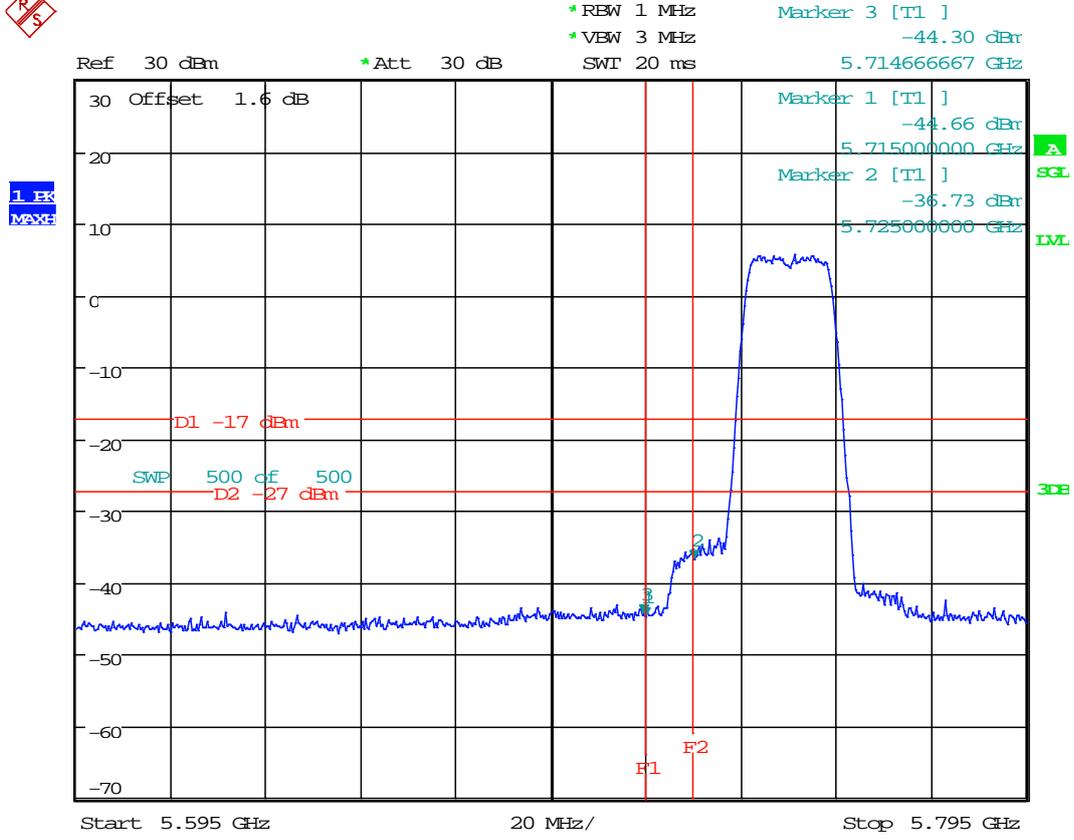


1.63
Wave



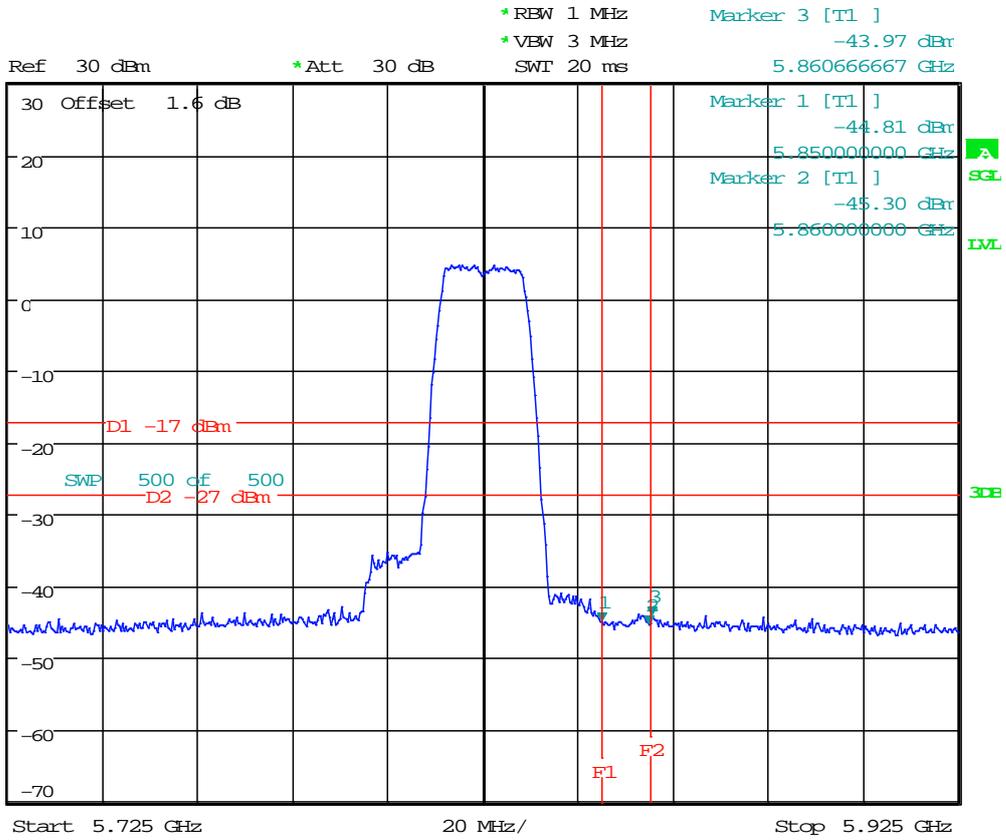
Date: 23.DEC.2015 18:00:24

9.110 11AC20M_149 Ant 2



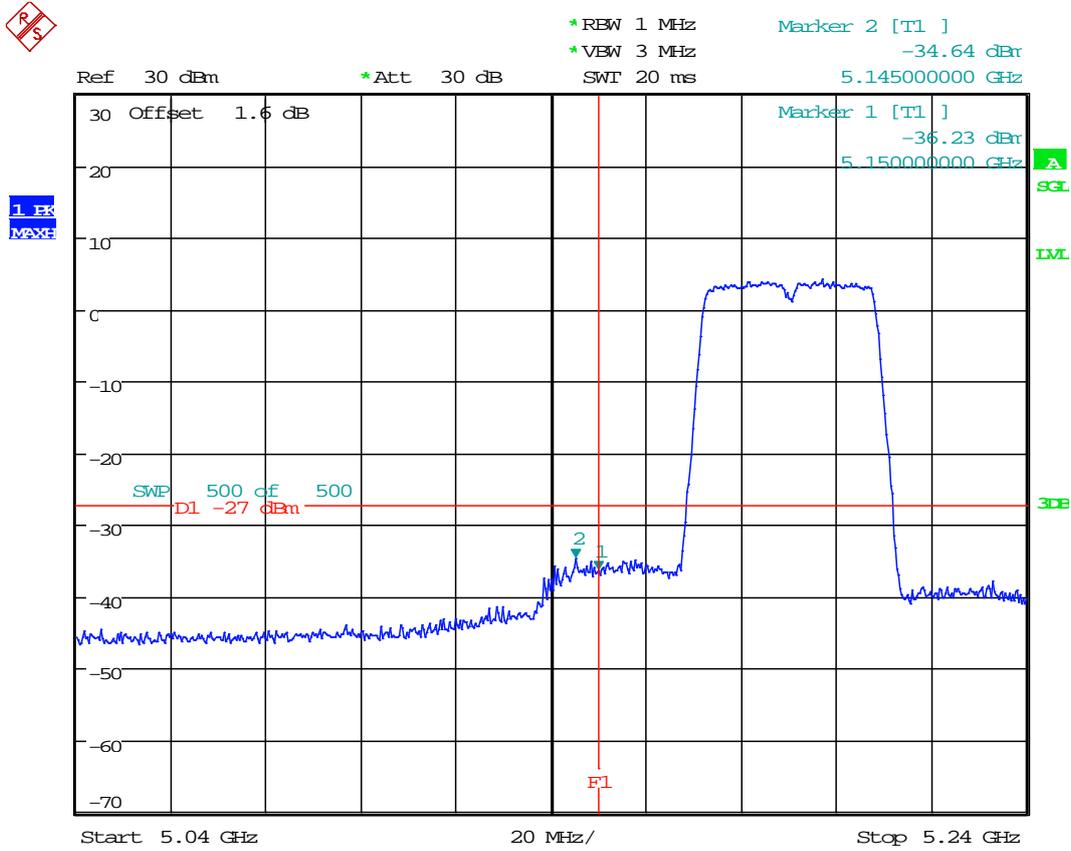
Date: 23.DEC.2015 18:07:50

9.112 11AC20M_165 Ant 2



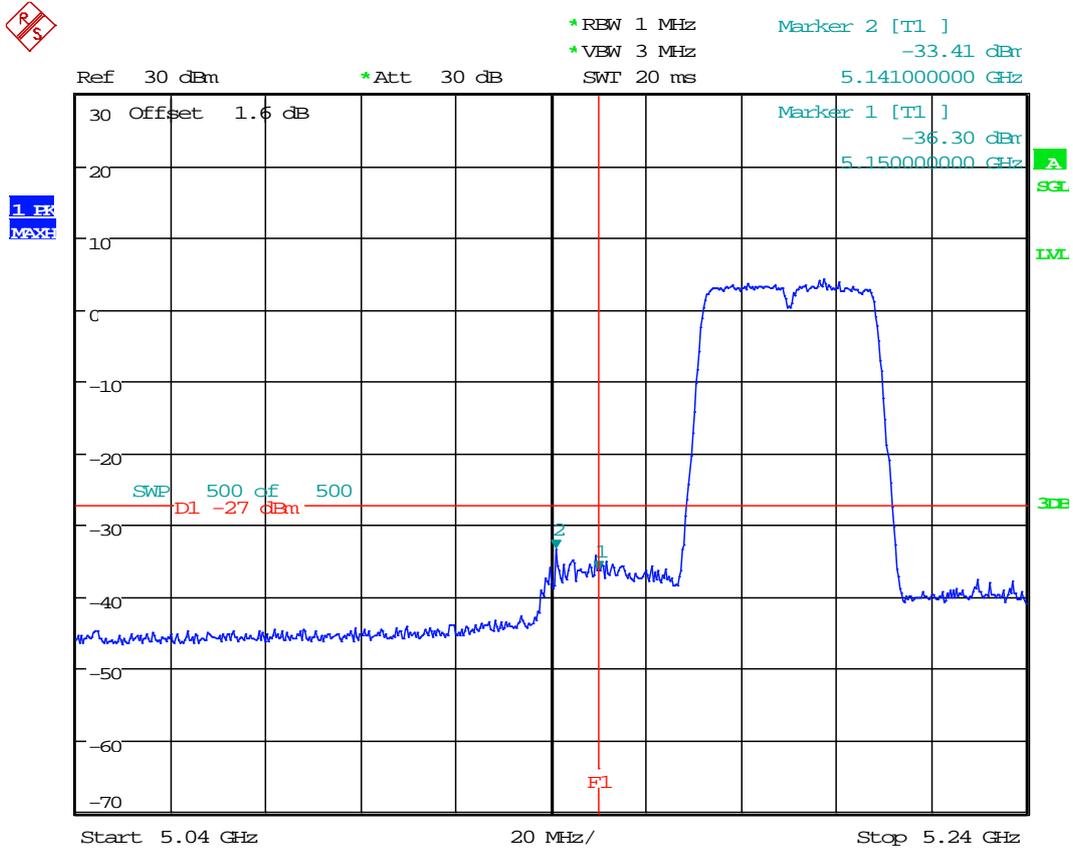
Date: 23.DEC.2015 18:13:07

9.113 11AC40_38 Ant 1



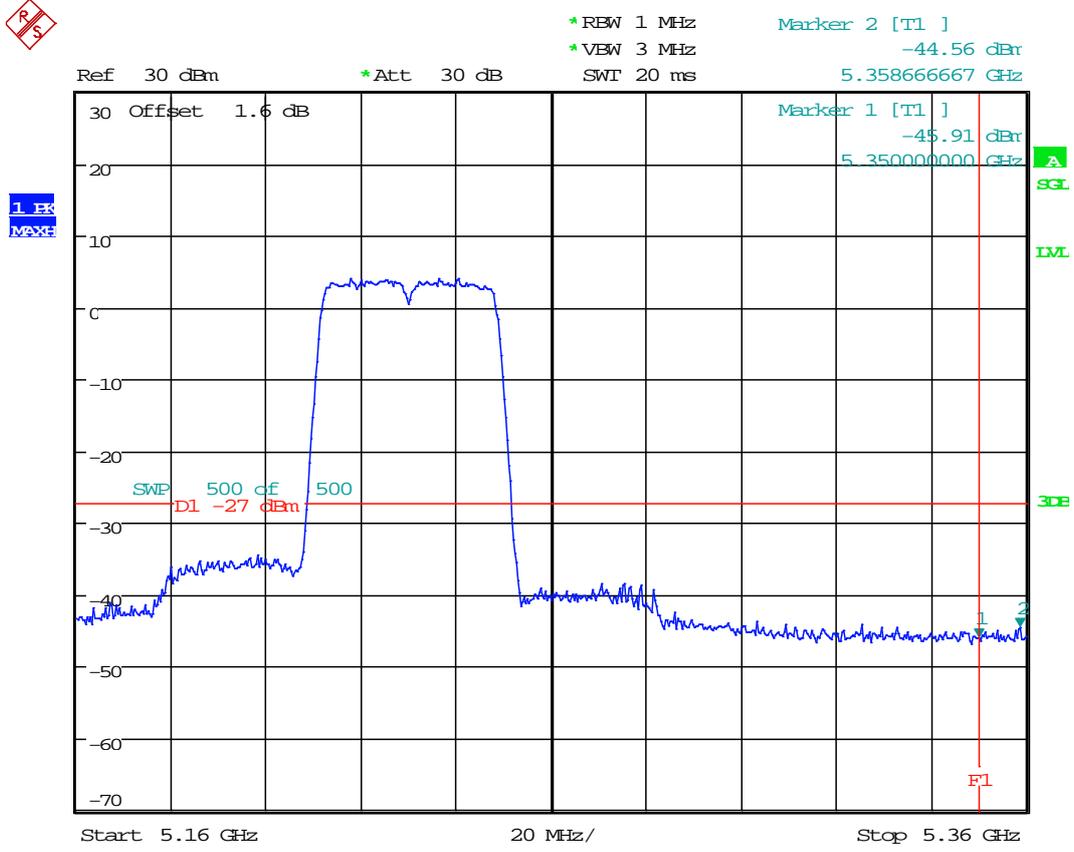
Date: 17.DEC.2015 11:39:06

9.114 11AC40_38 Ant 2



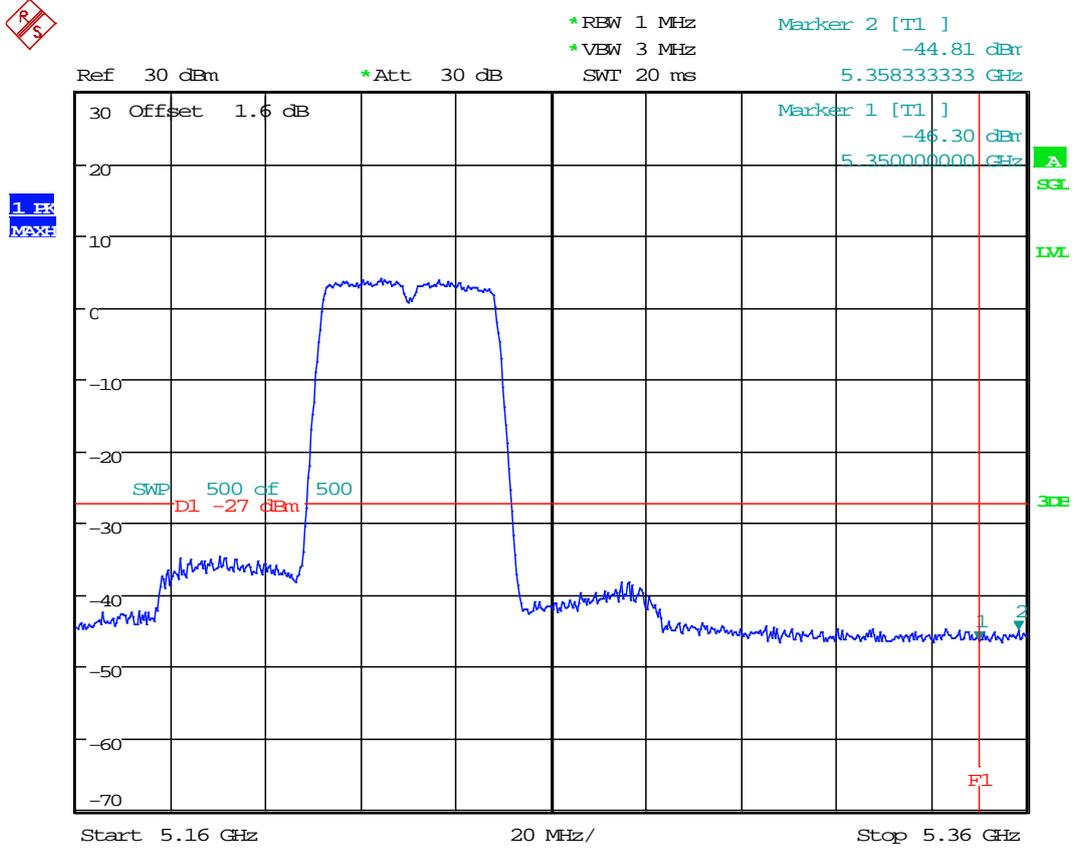
Date: 17.DEC.2015 12:33:55

9.115 11AC40_46 Ant 1



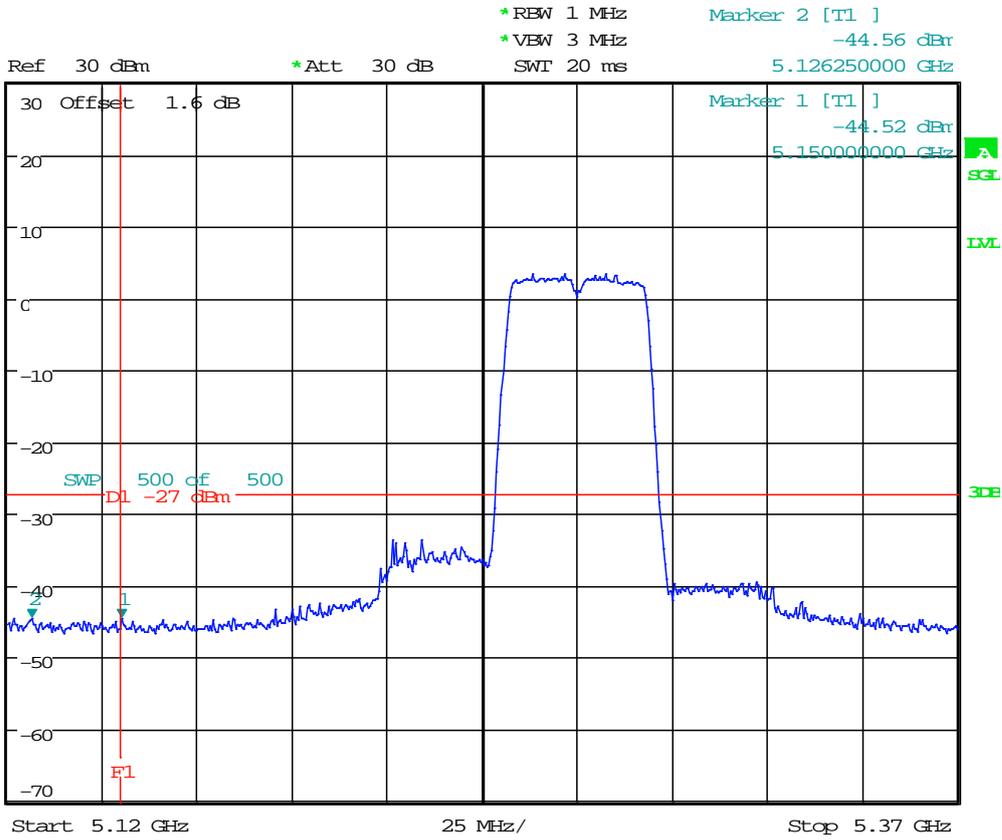
Date: 17.DEC.2015 11:43:43

9.116 11AC40_46 Ant 2



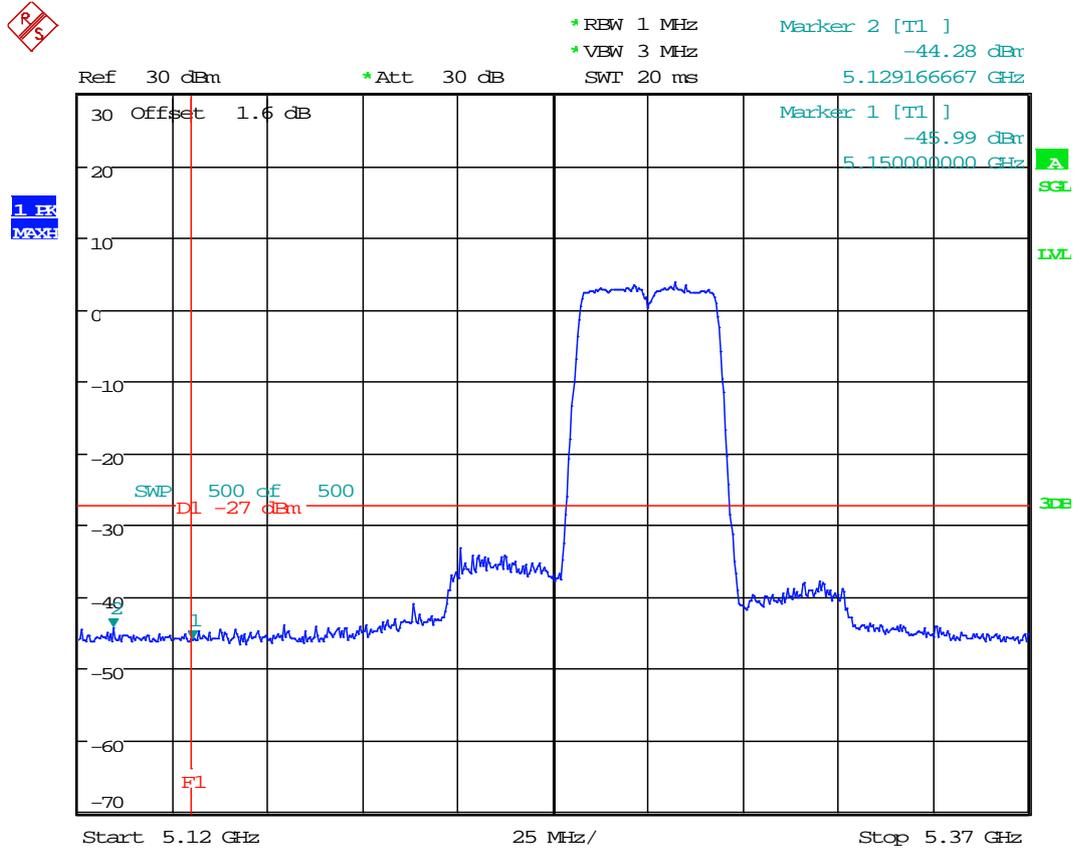
Date: 17.DEC.2015 12:38:57

9.117 11AC40_54 Ant 1

1. Ek
MAXI

Date: 17.DEC.2015 12:06:59

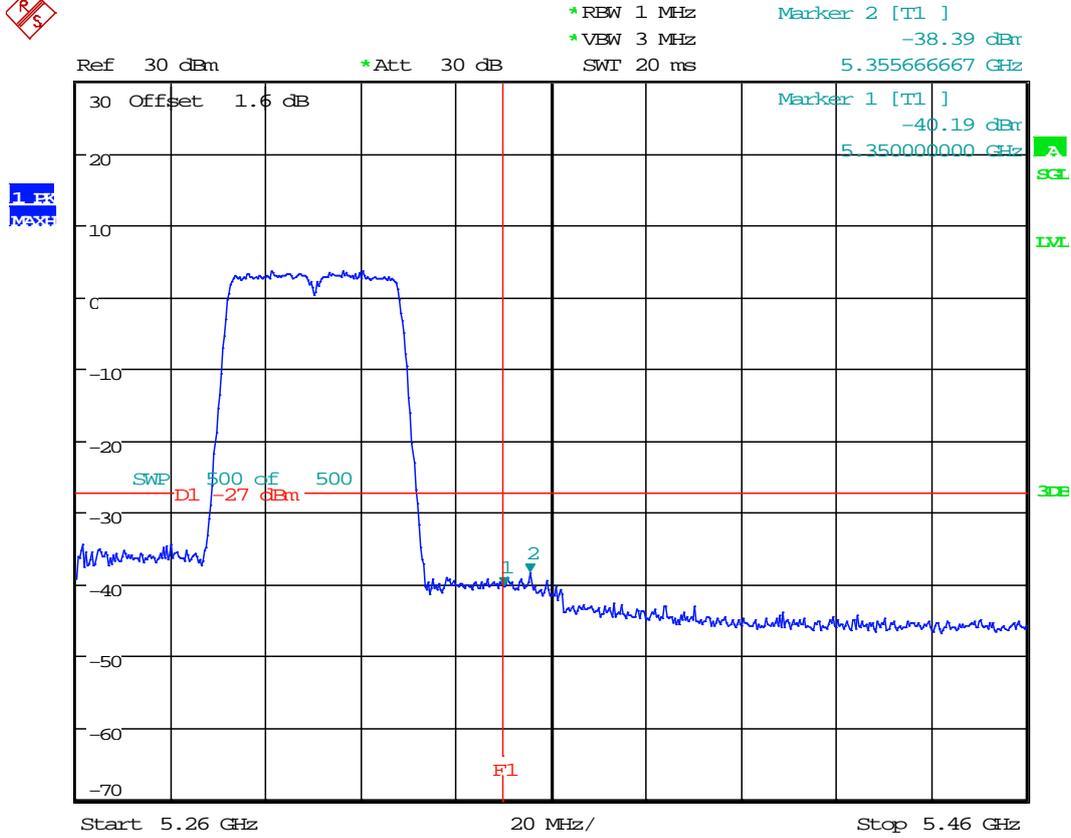
9.118 11AC40_54 Ant 2



Date: 17.DEC.2015 14:25:32

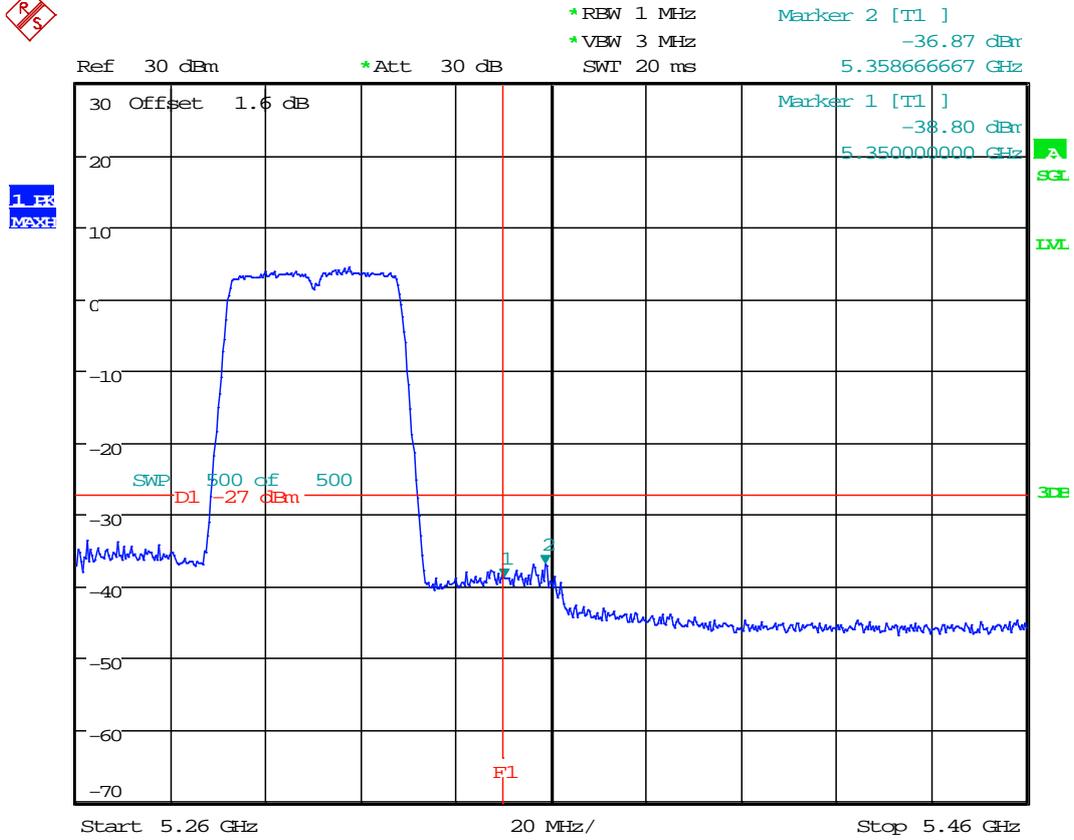


9.119 11AC40_62 Ant 1



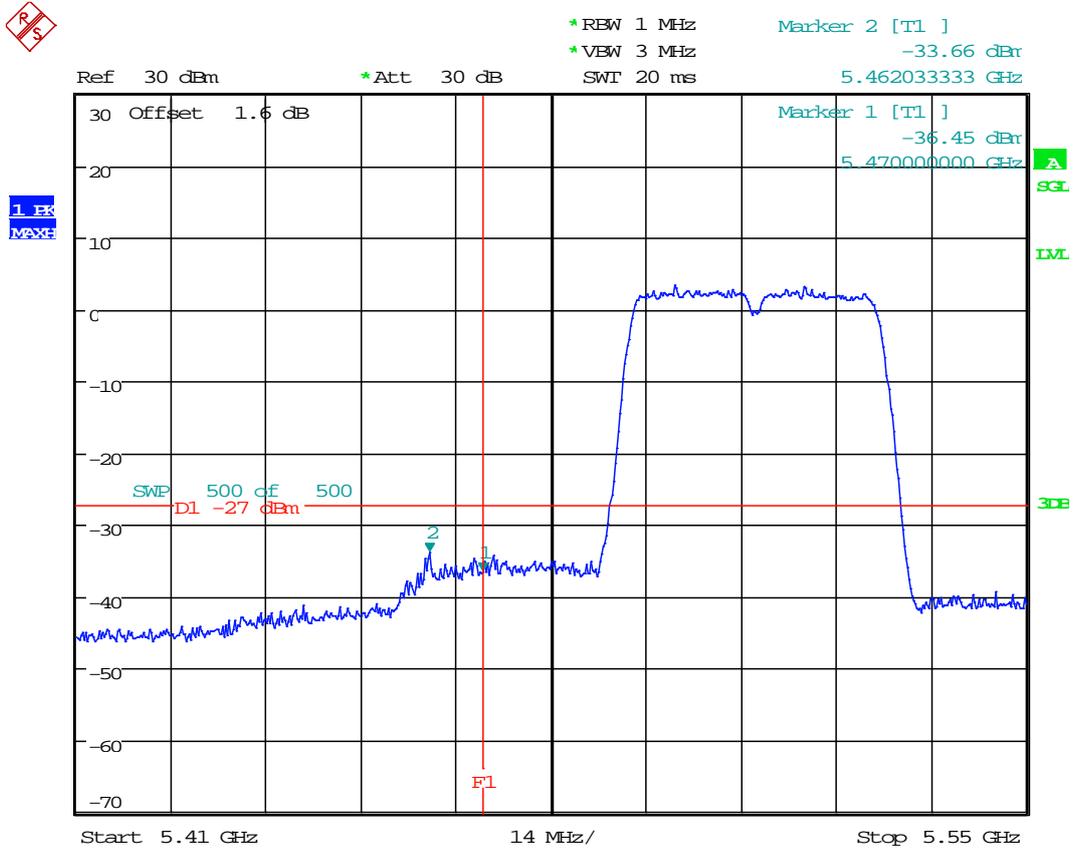
Date: 17.DEC.2015 12:11:36

9.120 11AC40_62 Ant 2



Date: 17.DEC.2015 14:30:45

9.121 11AC40_102 Ant 1

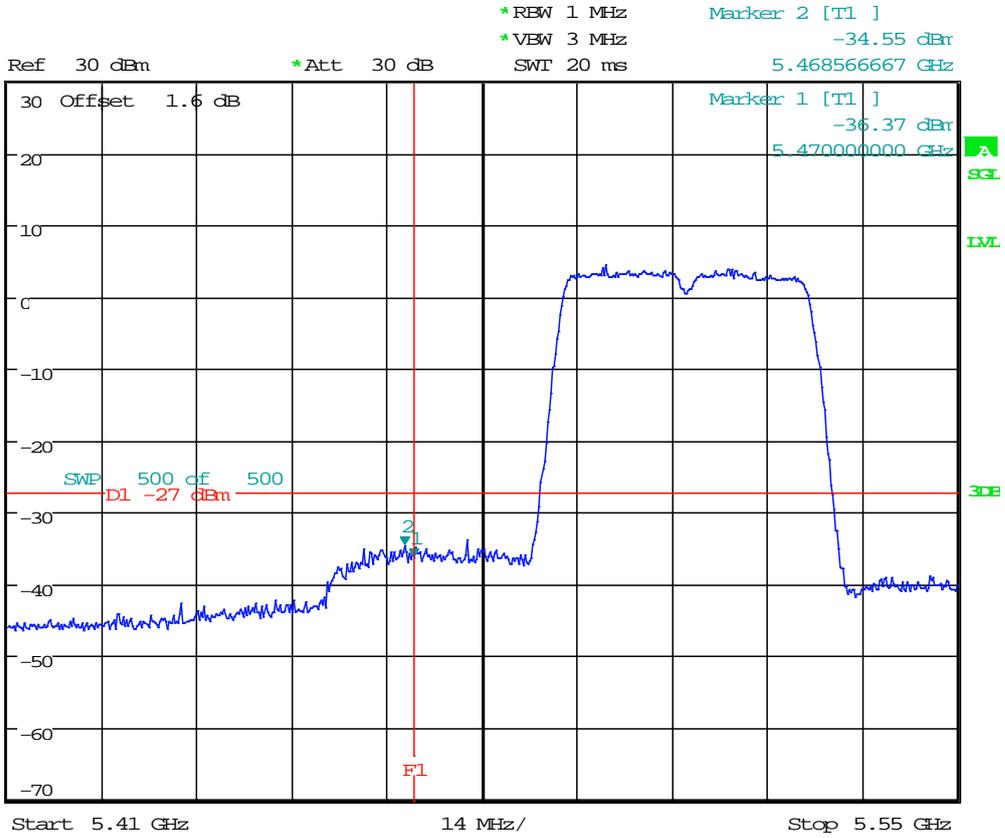


Date: 17.DEC.2015 12:14:45

9.122 11AC40_102 Ant 2



1.83
MAX

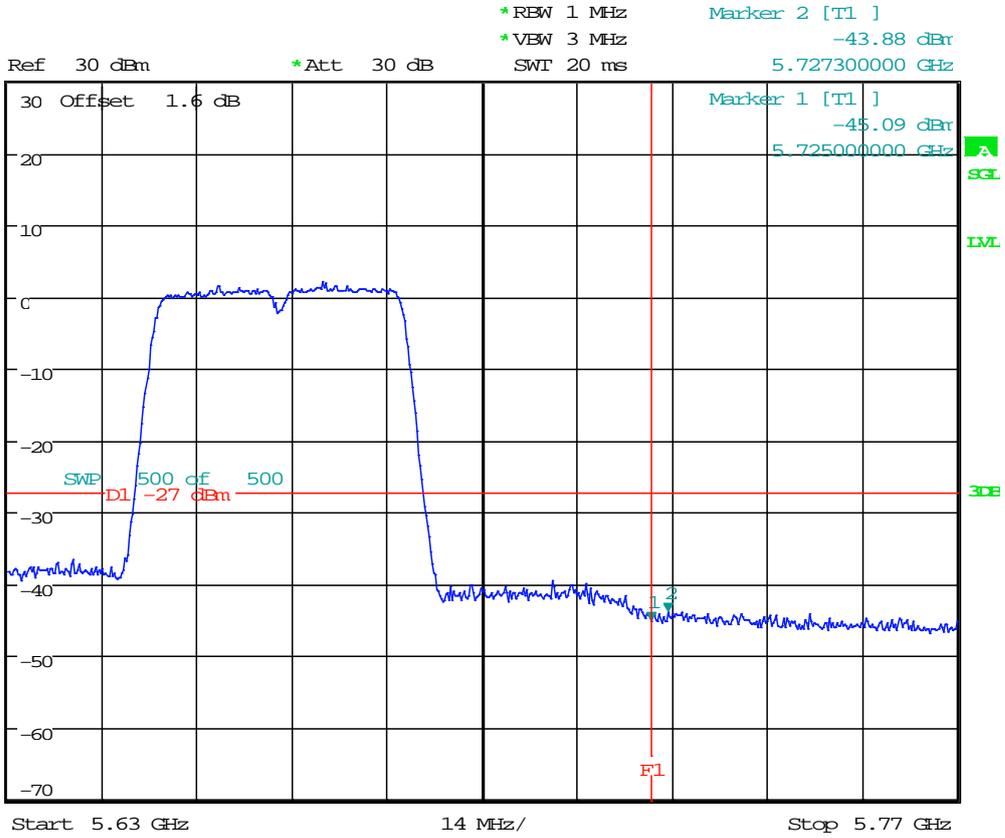


Date: 17.DEC.2015 14:35:24

9.123 11AC40_134 Ant 1



1 ER
MAX

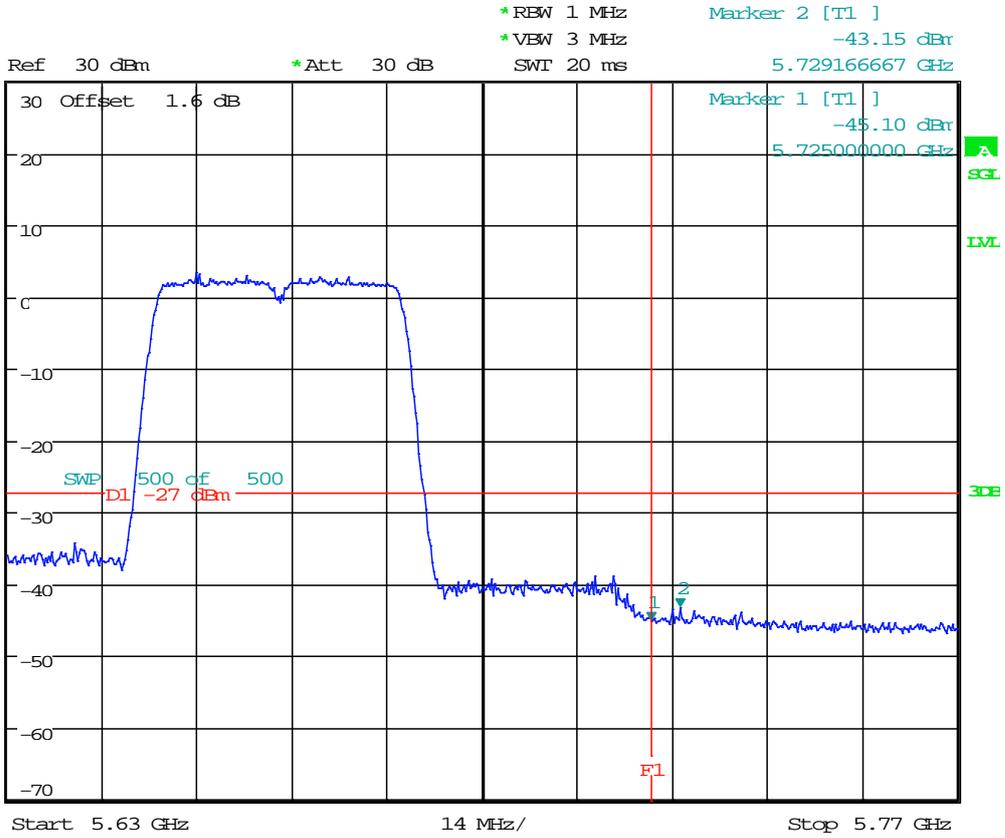


Date: 17.DEC.2015 12:17:42

9.124 11AC40_134 Ant 2



1 ER
MAX

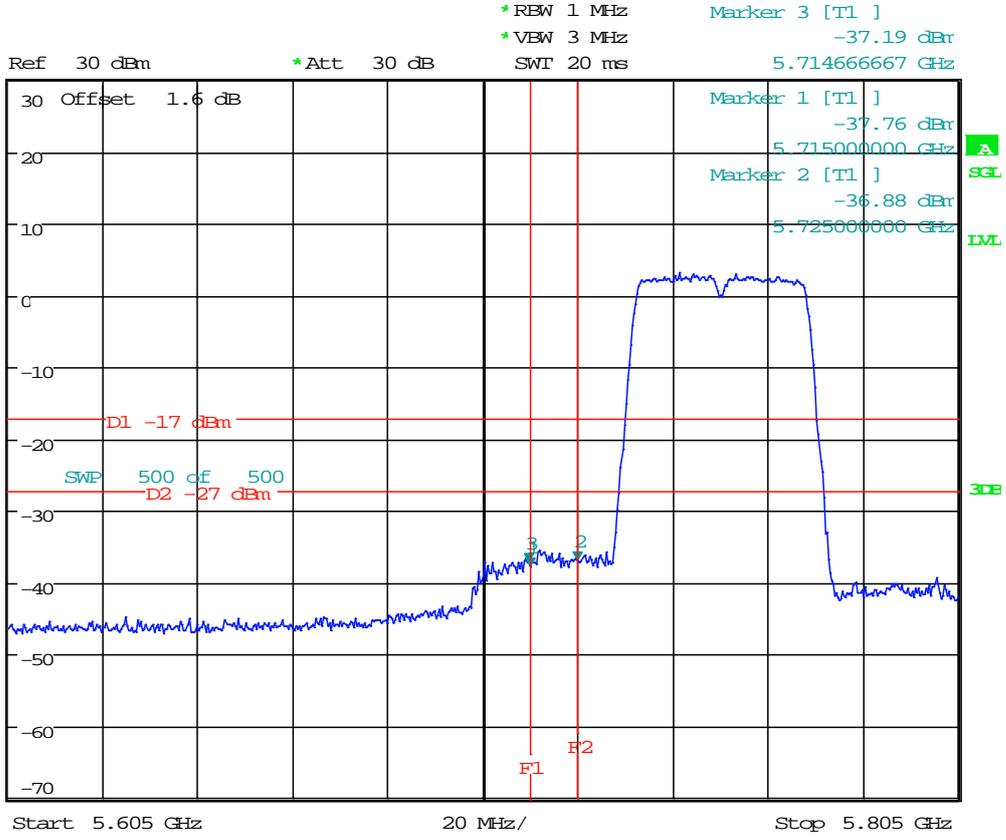


Date: 17.DEC.2015 14:44:10

9.125 11AC40_151 Ant 1



1 BK
MAXH

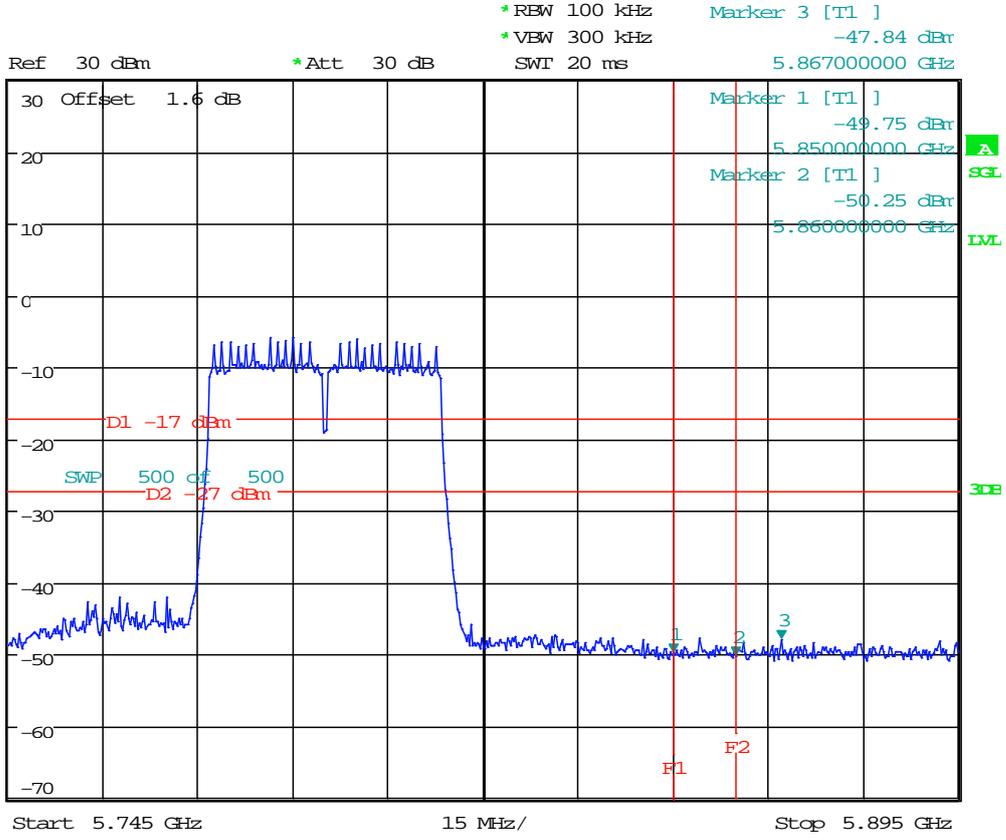


Date: 17.DEC.2015 12:23:24

9.128 11AC40_159 Ant 2

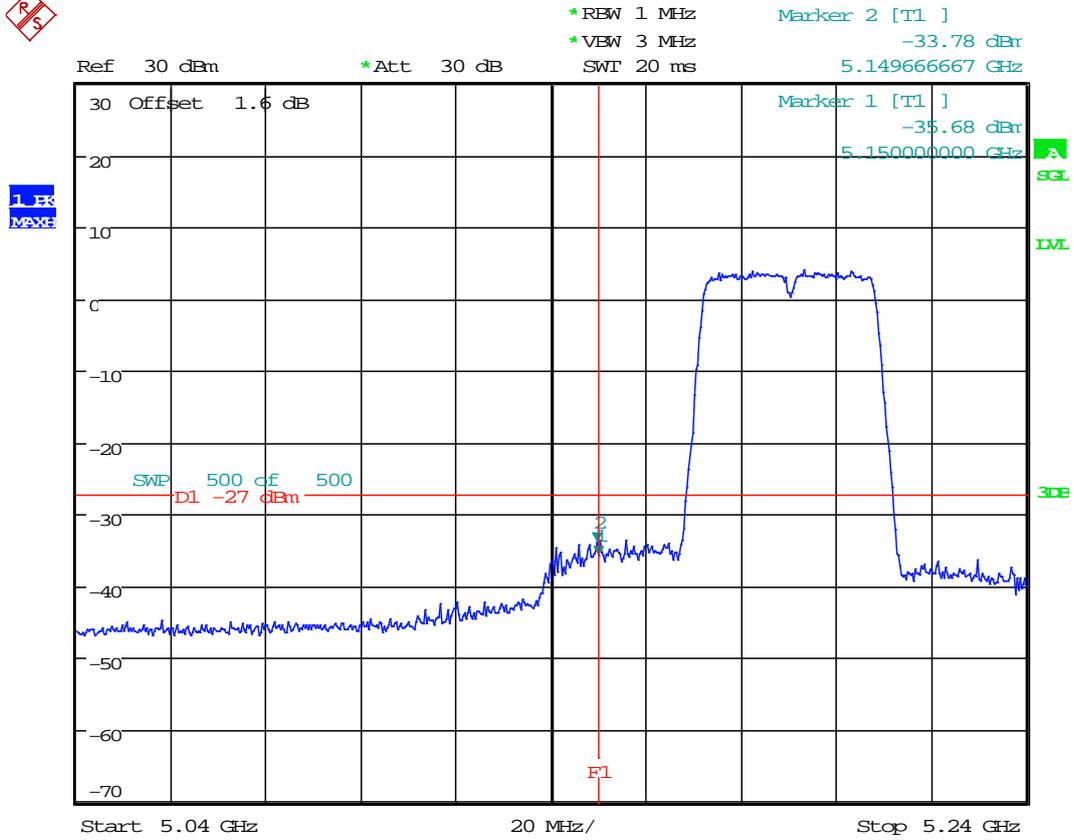


1 BK
MAXH



Date: 17.DEC.2015 14:54:40

9.129 11AC40M_38 Ant 1

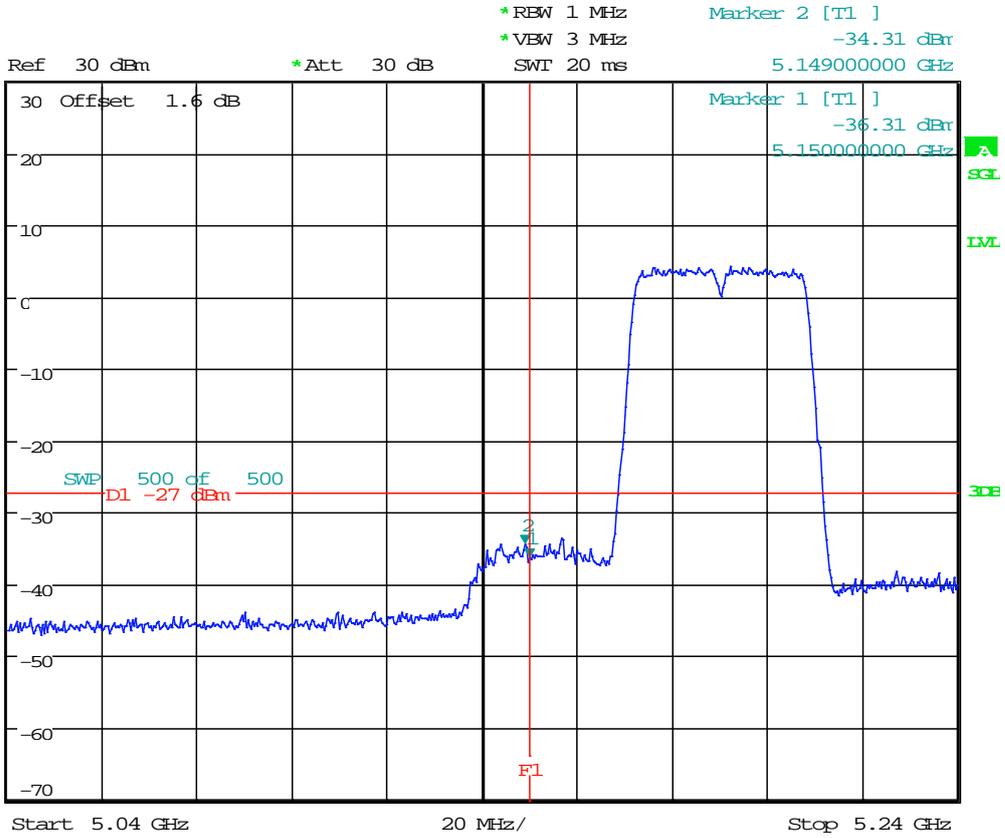


Date: 24.DEC.2015 09:19:28

9.130 11AC40M_38 Ant 2

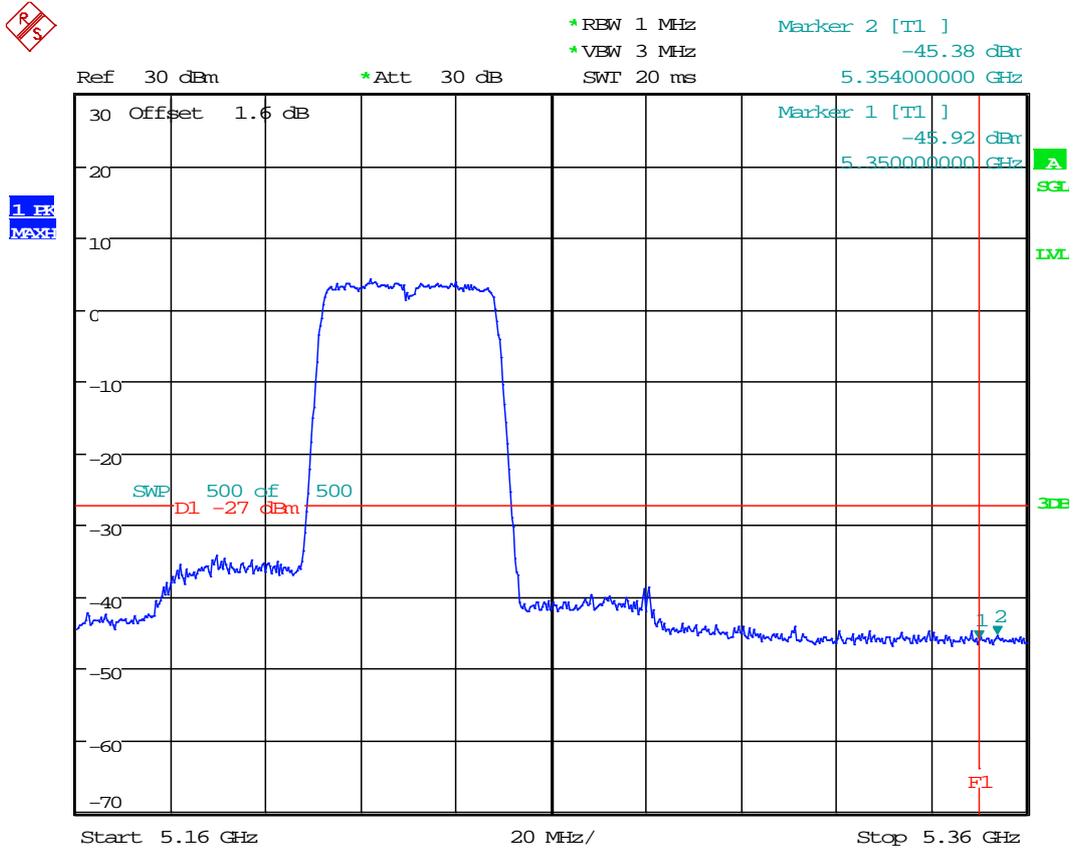


1.83
MAX



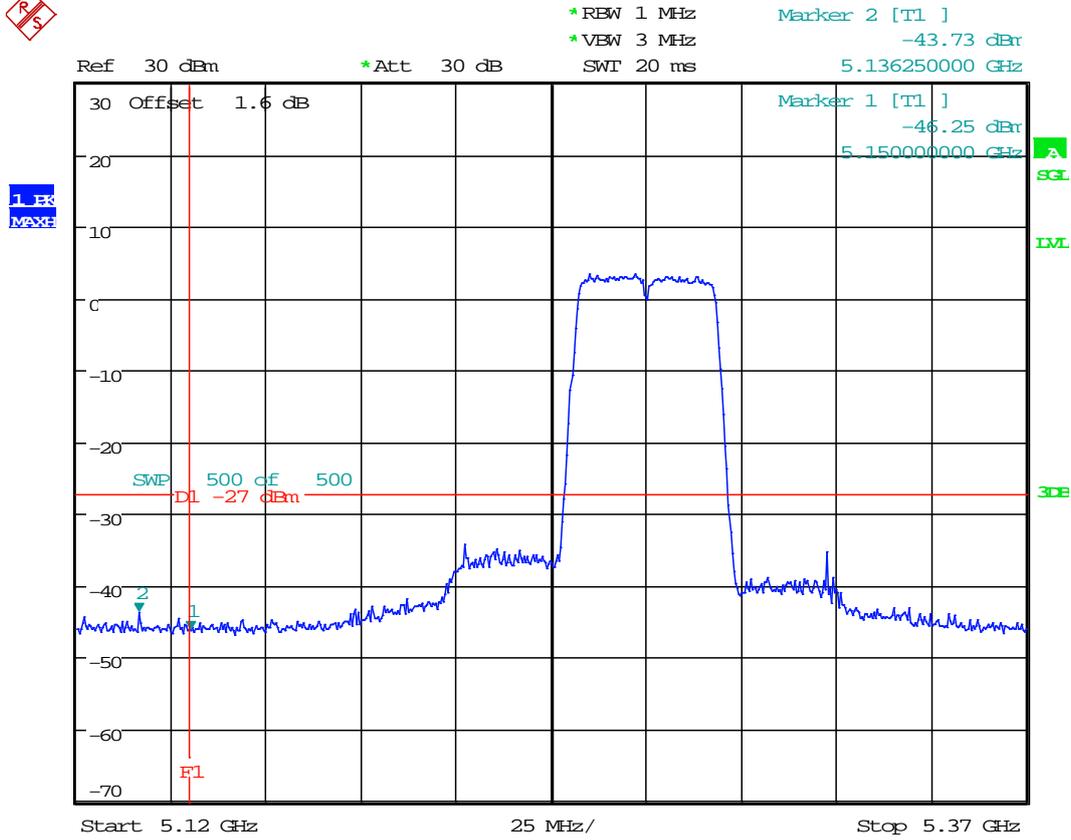
Date: 24.DEC.2015 09:24:59

9.131 11AC40M_46 Ant 1



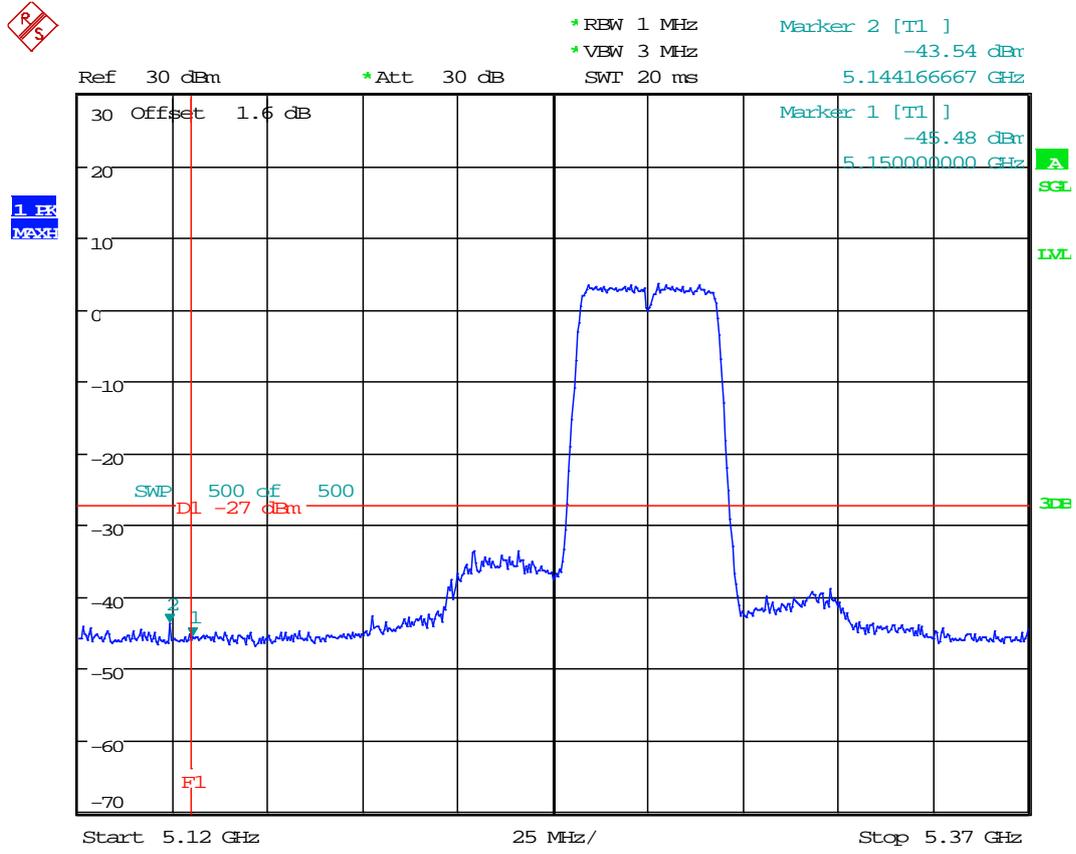
Date: 24.DEC.2015 09:34:53

9.133 11AC40M_54 Ant 1



Date: 24.DEC.2015 09:39:38

9.134 11AC40M_54 Ant 2

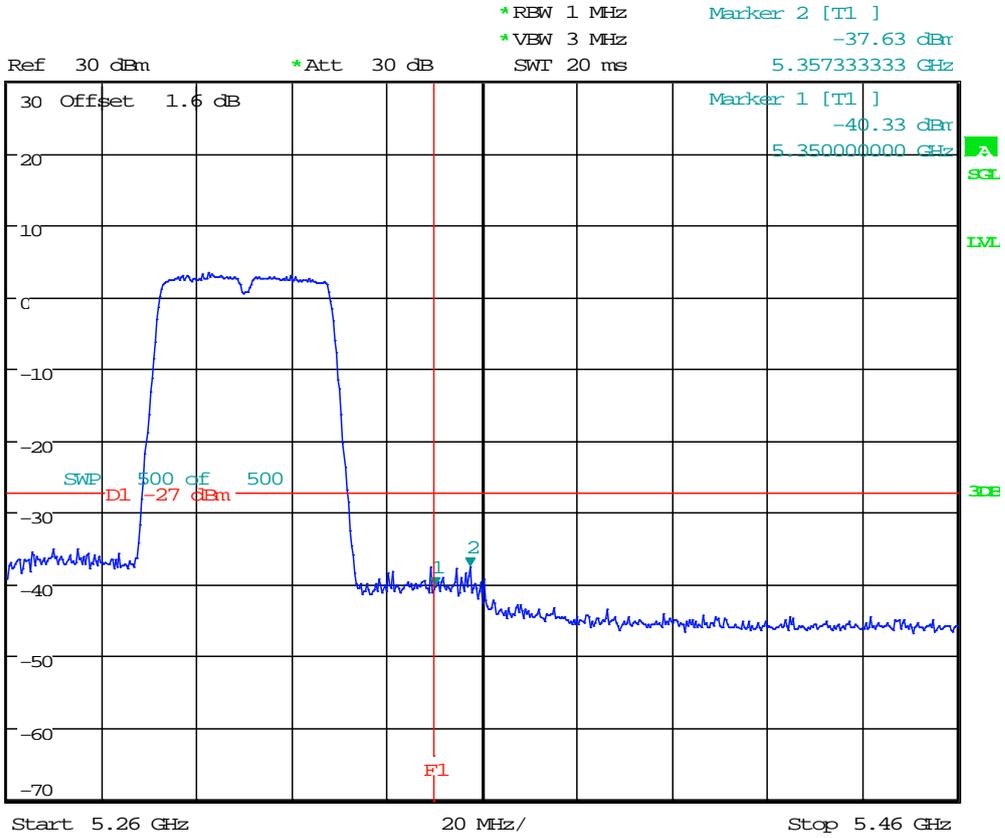


Date: 24.DEC.2015 09:46:14

9.135 11AC40M_62 Ant 1



1.83
MAX

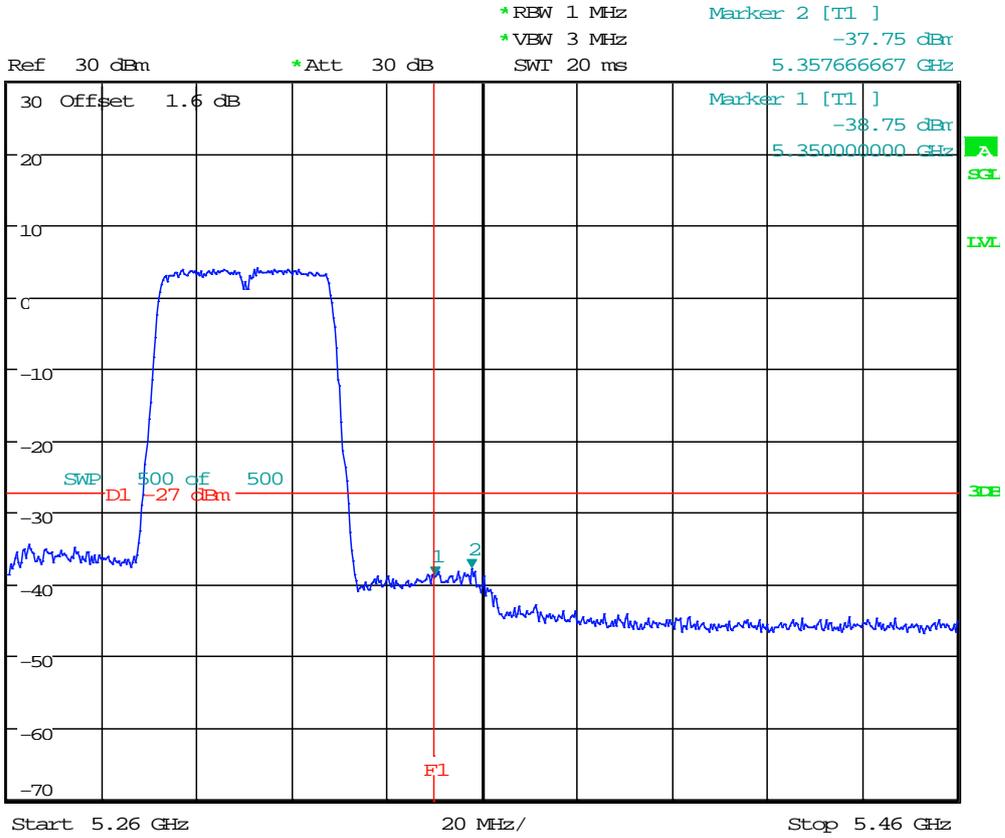


Date: 24.DEC.2015 09:55:42

9.136 11AC40M_62 Ant 2



1.83
MAX

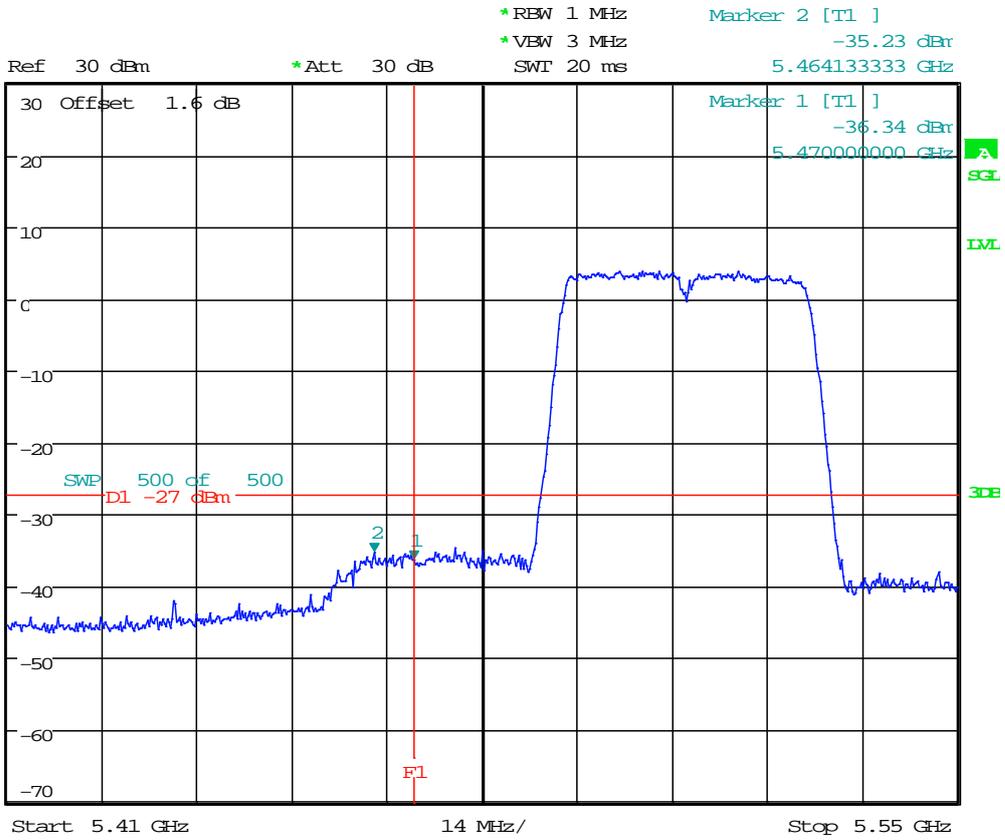


Date: 24.DEC.2015 09:50:50

9.138 11AC40M_102 Ant 2



1. ER
MAX

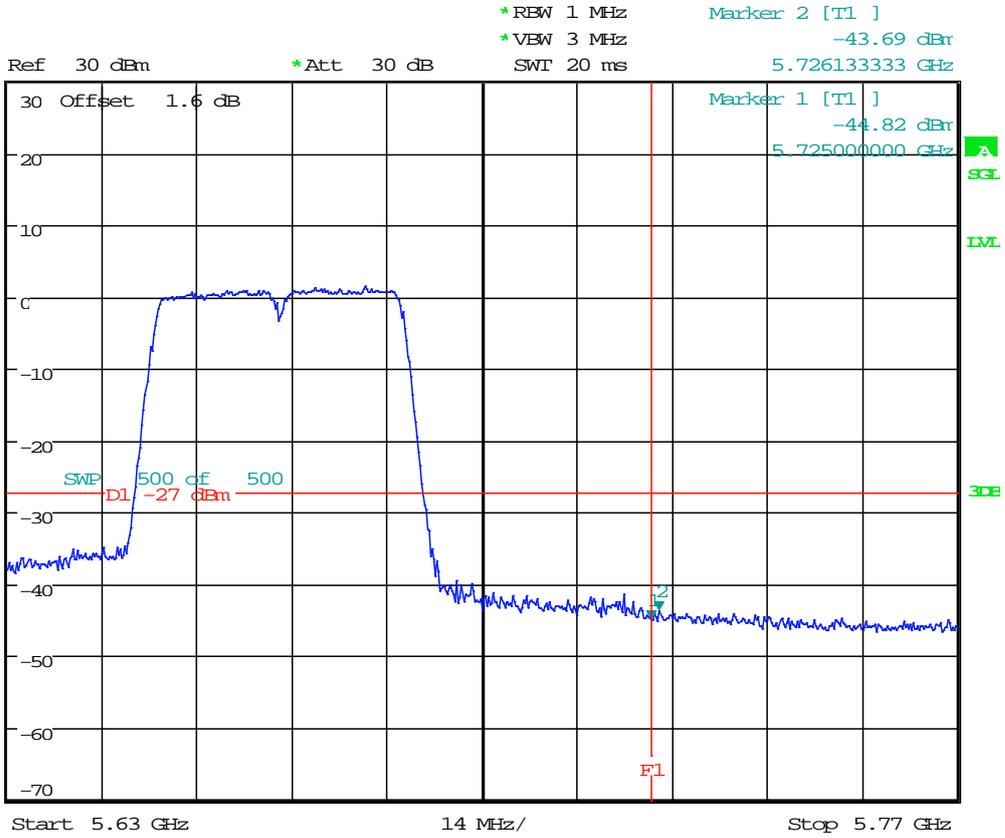


Date: 24.DEC.2015 10:08:01

9.139 11AC40M_134 Ant 1



1. ER
MAX

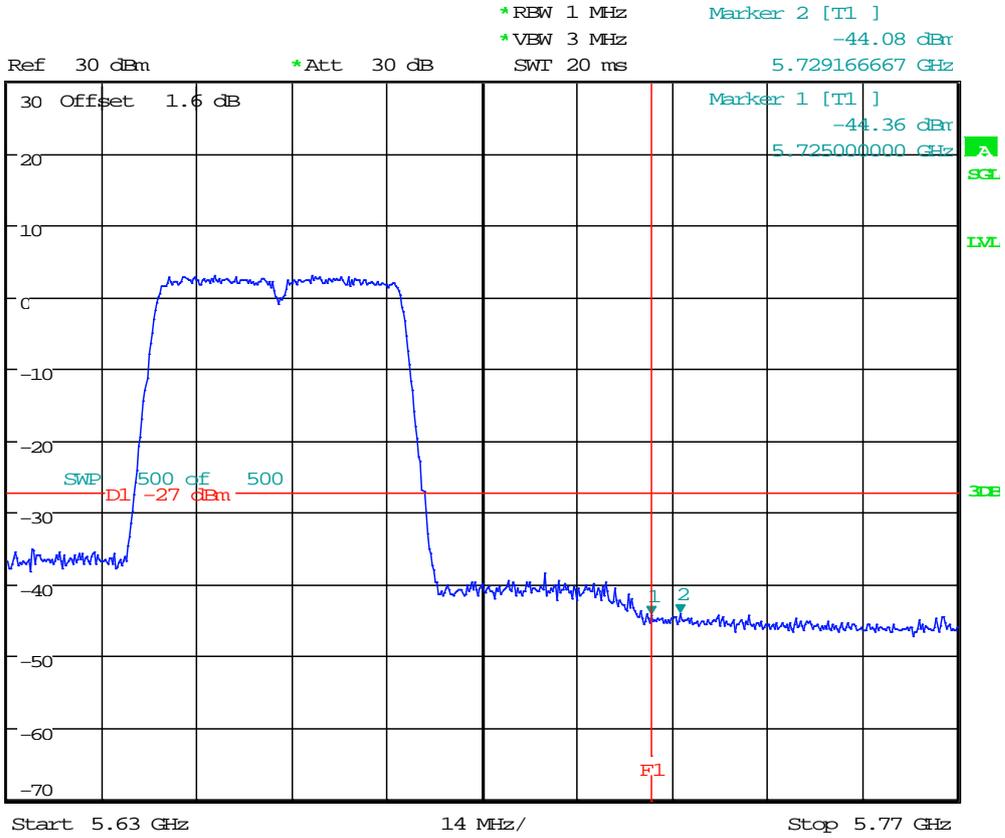


Date: 24.DEC.2015 10:15:02

9.140 11AC40M_134 Ant 2

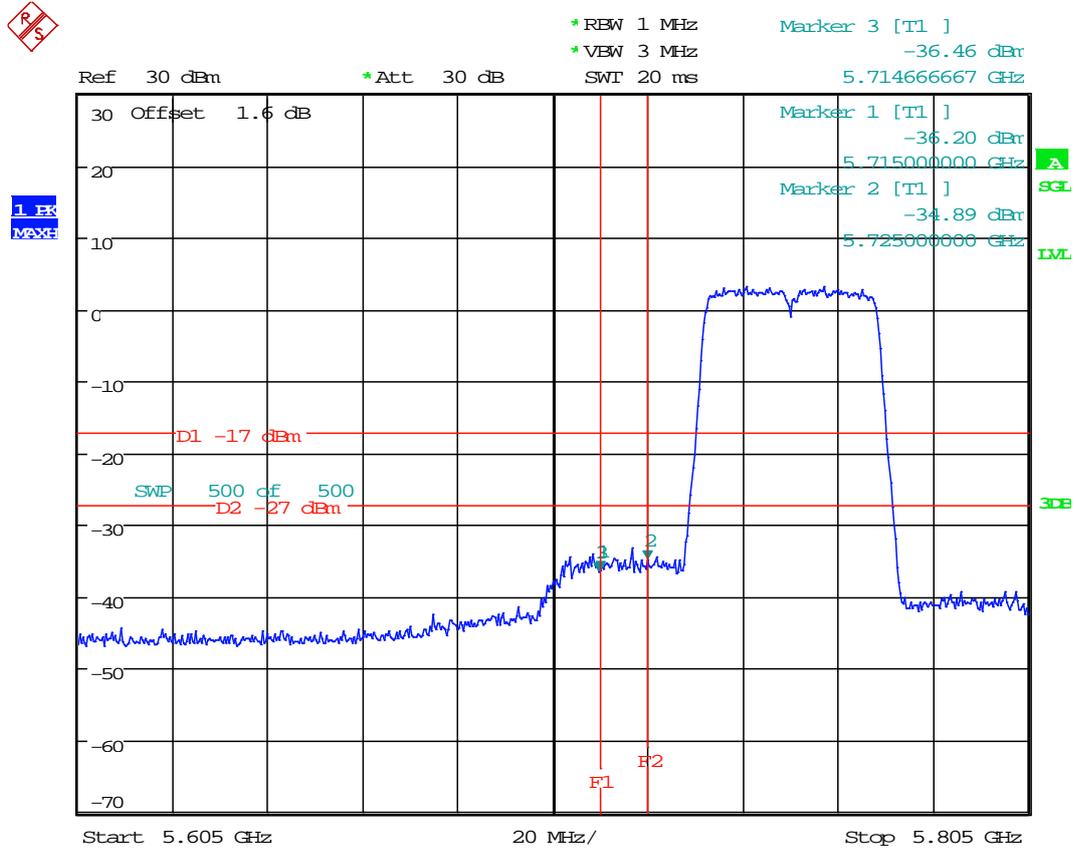


1 ER
MAX



Date: 24.DEC.2015 10:11:20

9.142 11AC40M_151 Ant 2

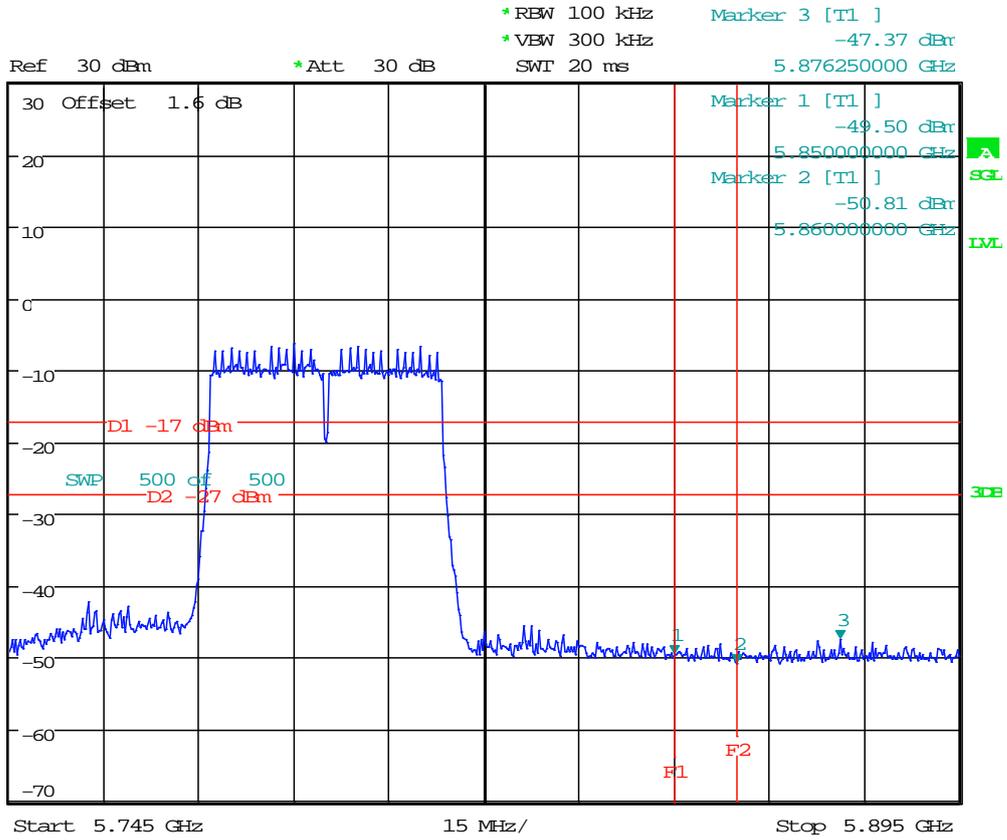


Date: 24.DEC.2015 10:27:08

9.144 11AC40M_159 Ant 2

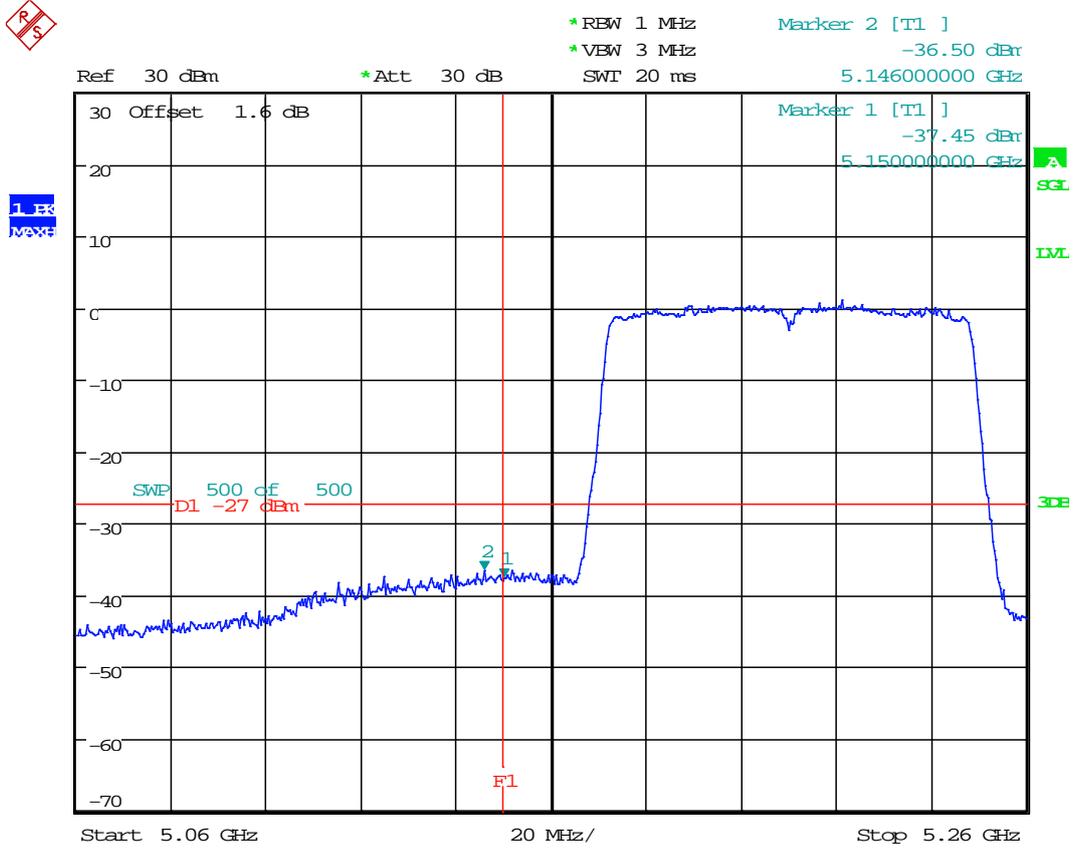


1.5K
MAX



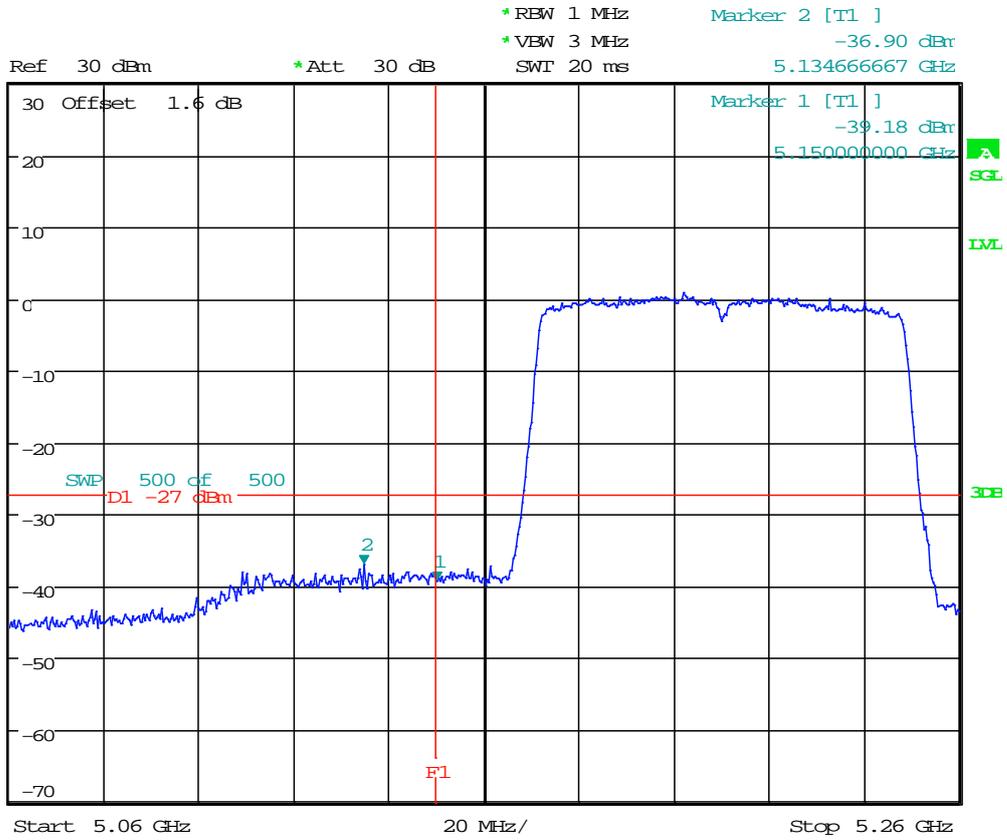
Date: 24.DEC.2015 10:31:17

9.145 11AC80_42 Ant 1



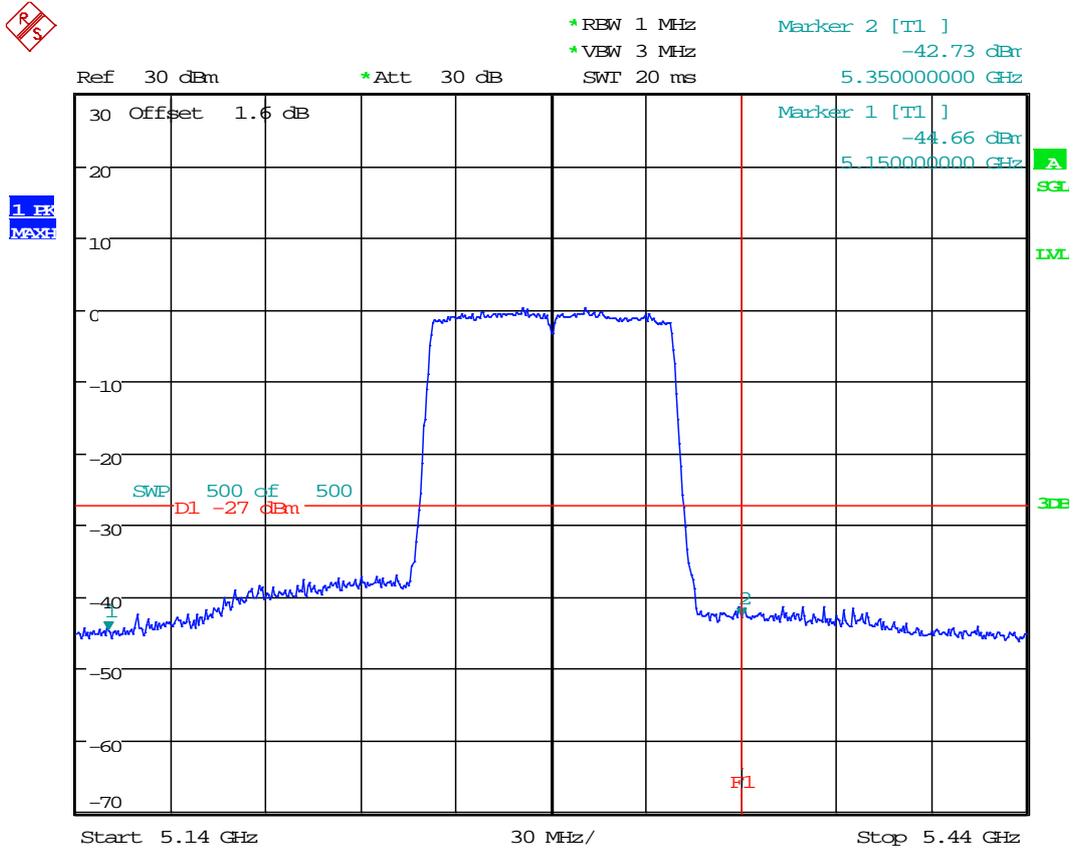
Date: 21.DEC.2015 10:14:01

9.146 11AC80_42 Ant 2



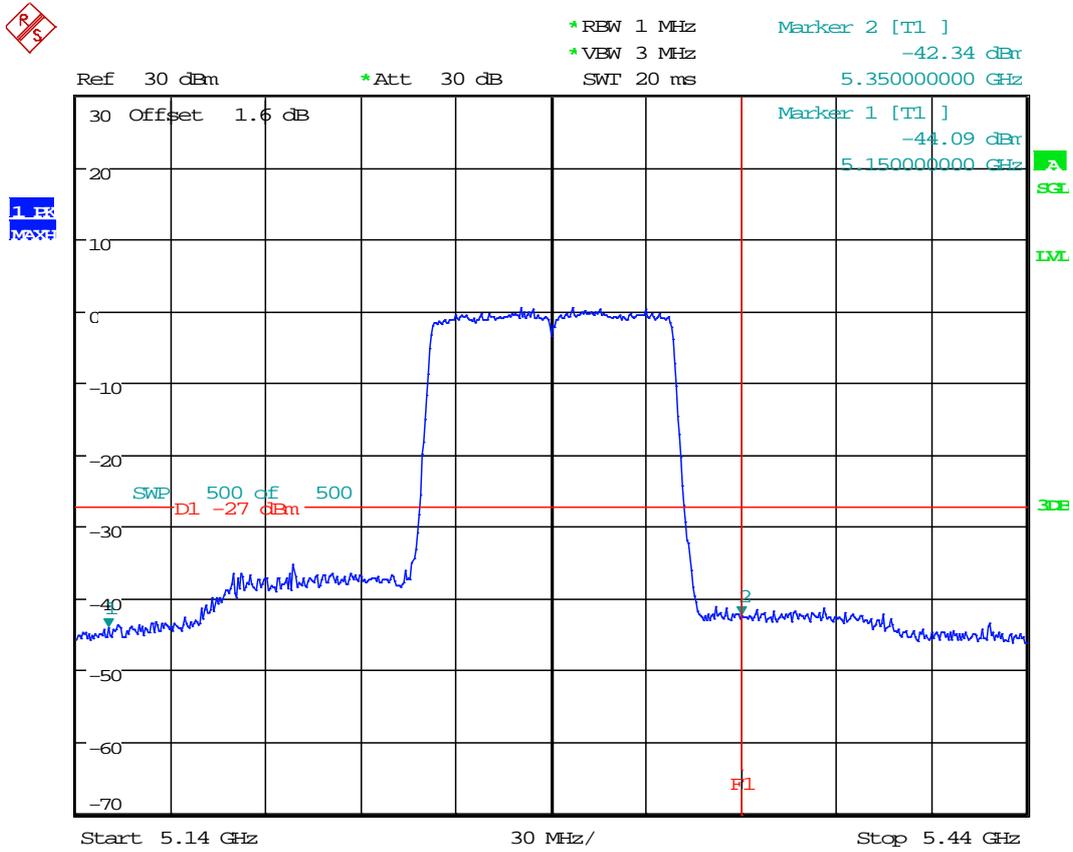
Date: 21.DEC.2015 10:52:42

9.147 11AC80_58 Ant 1



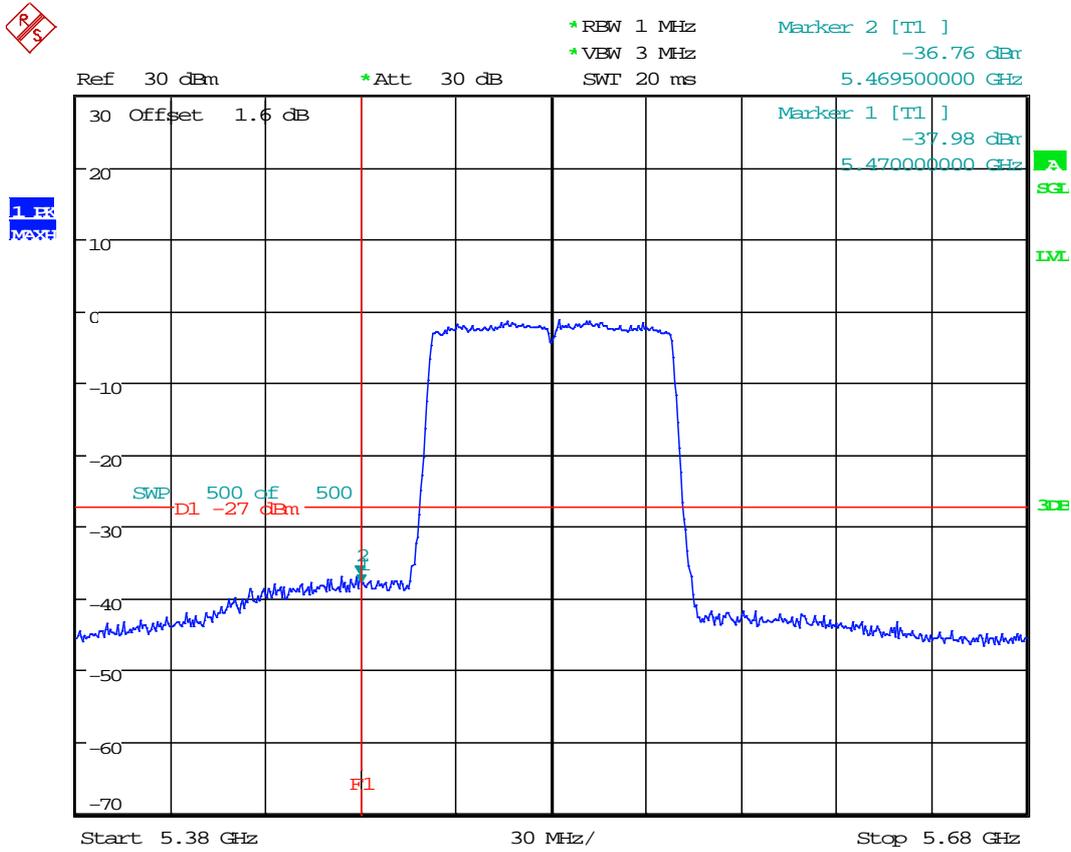
Date: 21.DEC.2015 10:19:21

9.148 11AC80_58 Ant 2



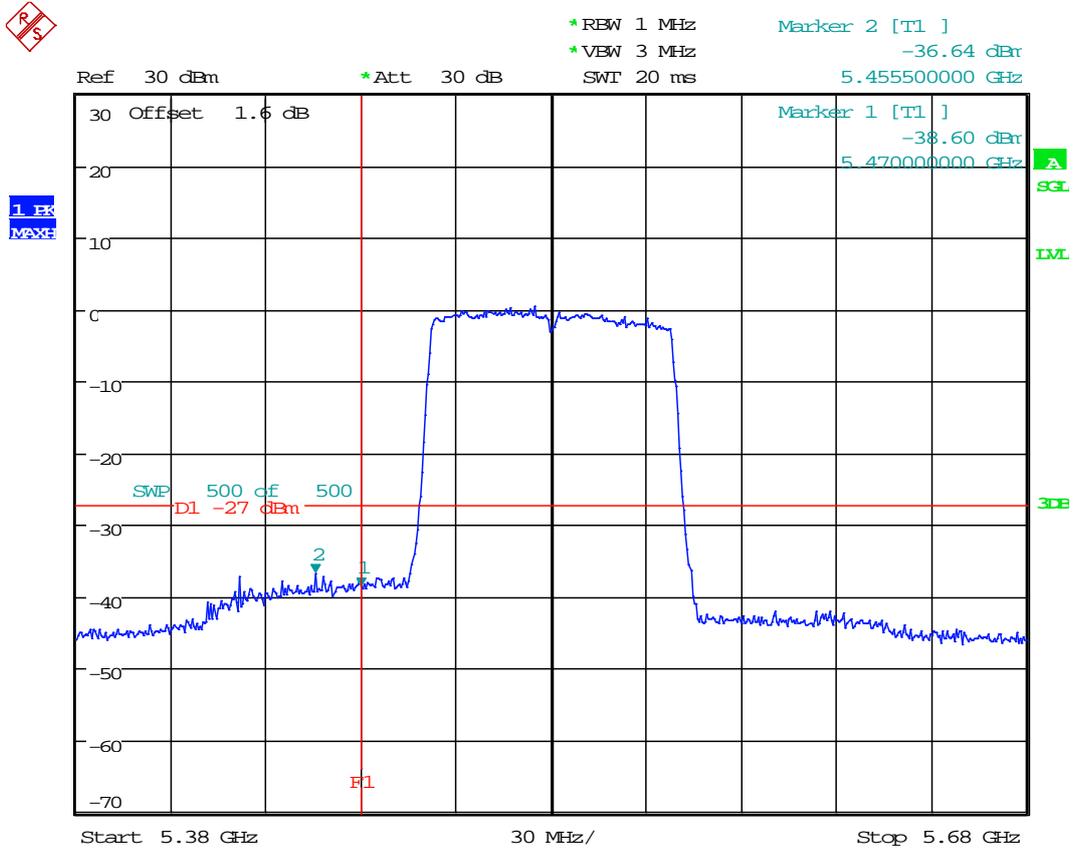
Date: 21.DEC.2015 11:01:10

9.149 11AC80_106 Ant 1



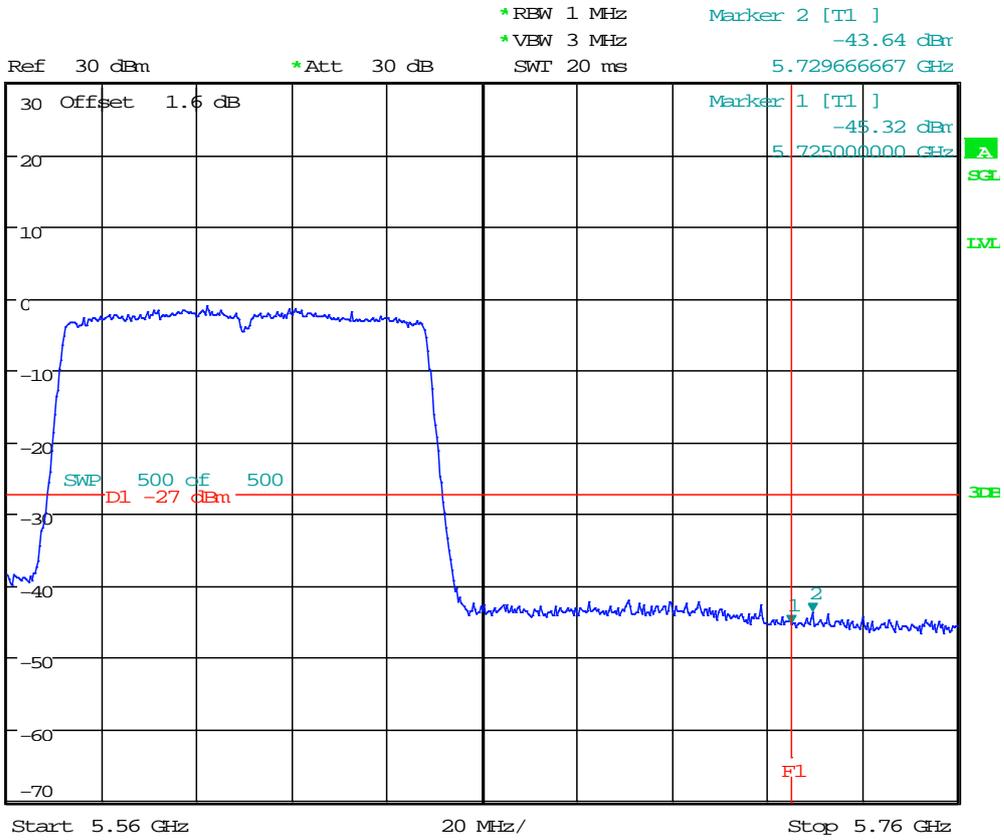
Date: 21.DEC.2015 10:24:47

9.150 11AC80_106 Ant 2



Date: 21.DEC.2015 11:06:00

9.151 11AC80_123 Ant 1

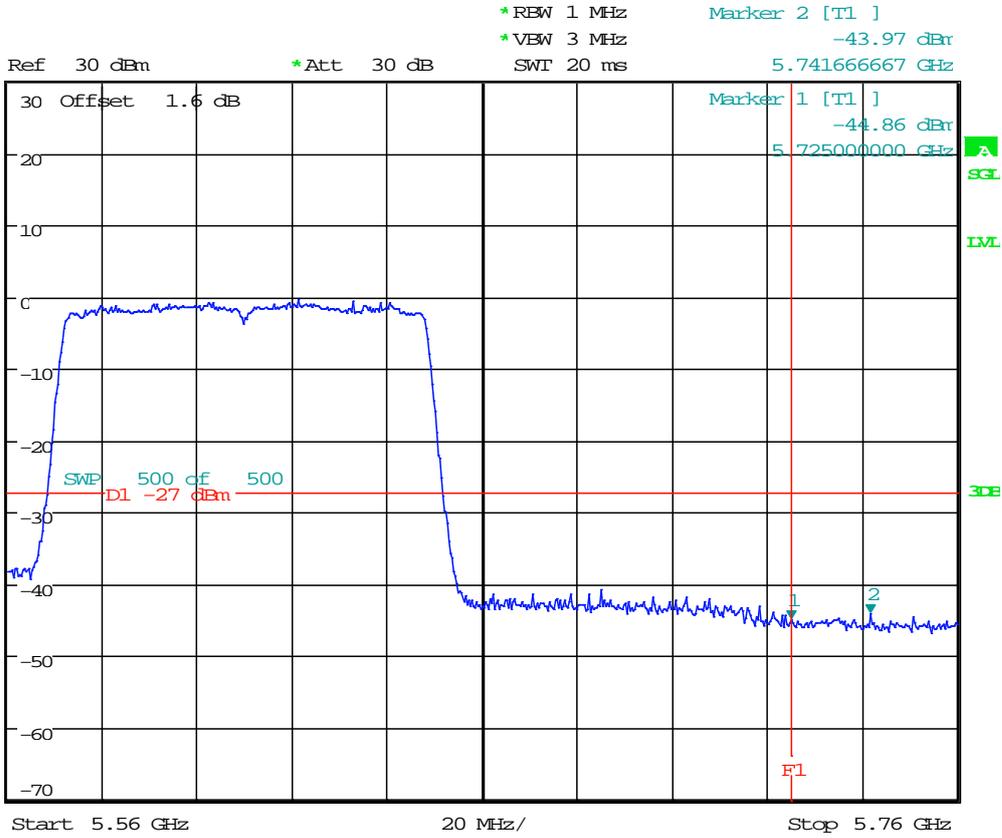
1 EK
MAXE

Date: 21.DEC.2015 10:32:13

9.152 11AC80_123 Ant 2



1 ER
MAX

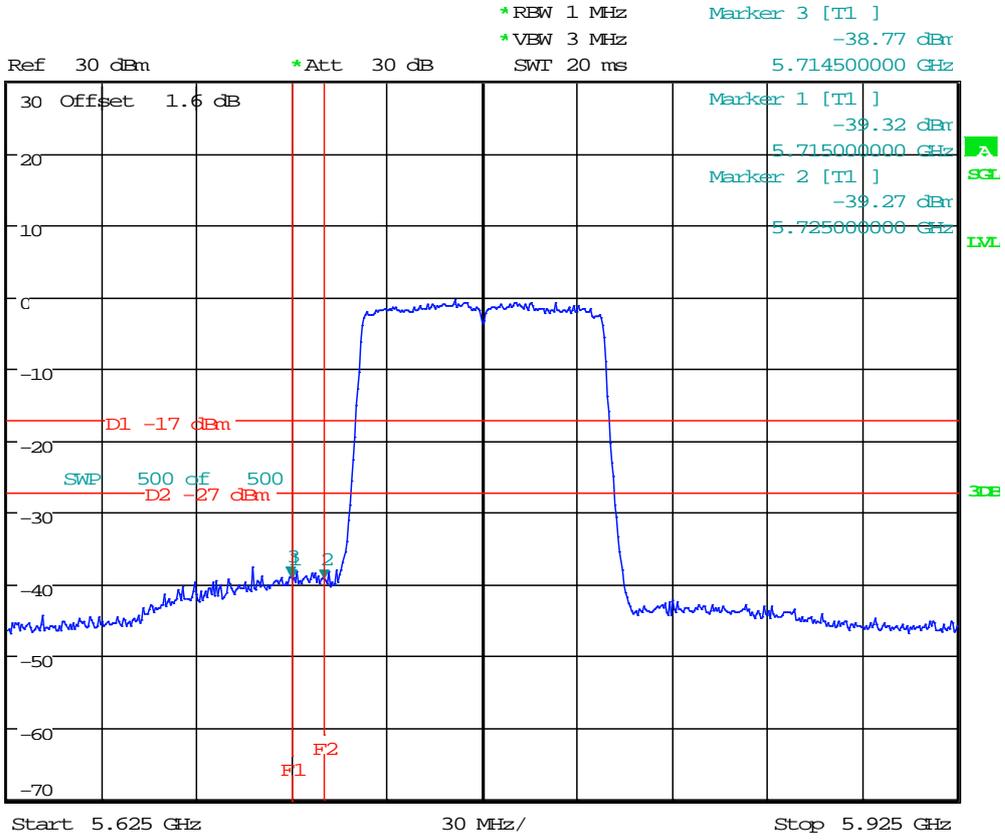


Date: 21.DEC.2015 11:11:00

9.153 11AC80_155 Ant 1

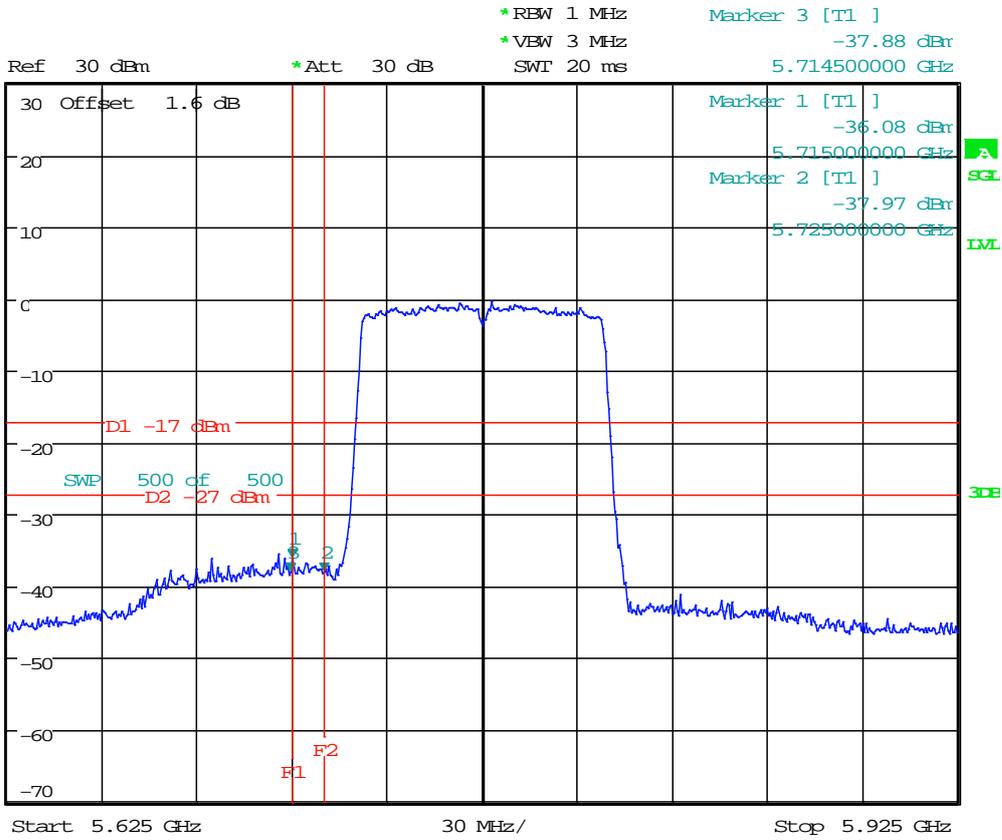


1.83
MAX



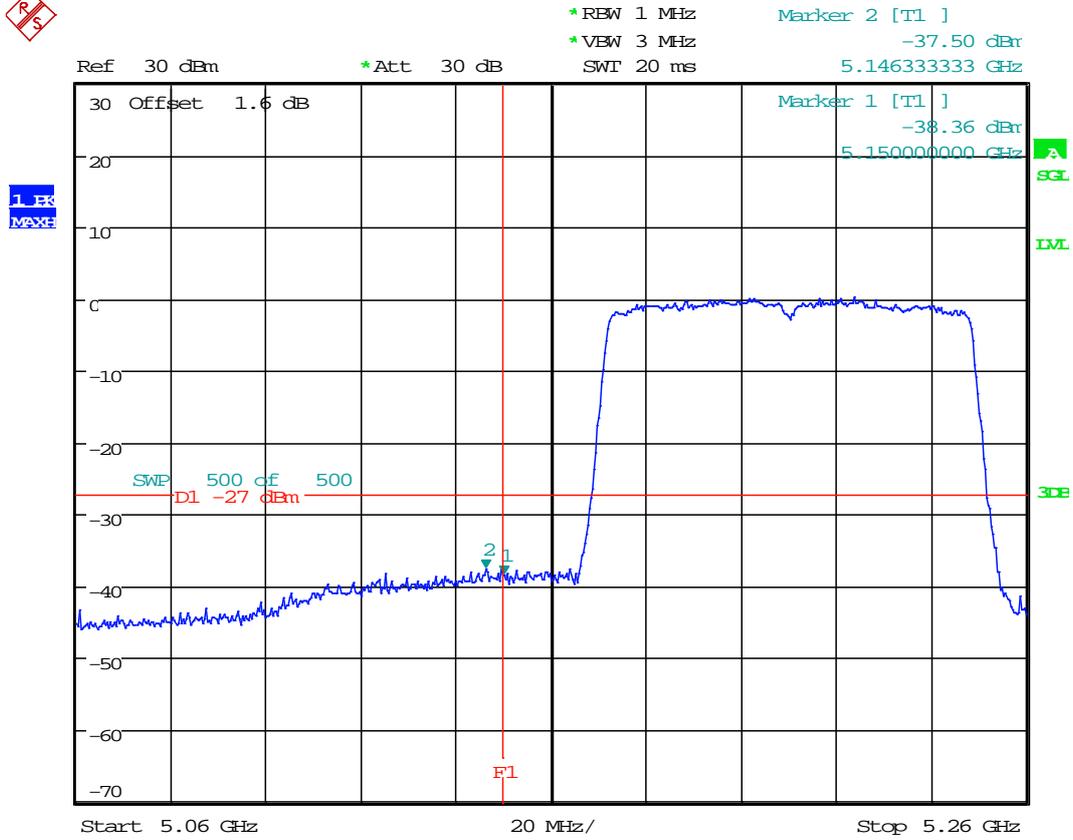
Date: 21.DEC.2015 10:38:20

9.154 11AC80_155 Ant 2

1. E3
MAX

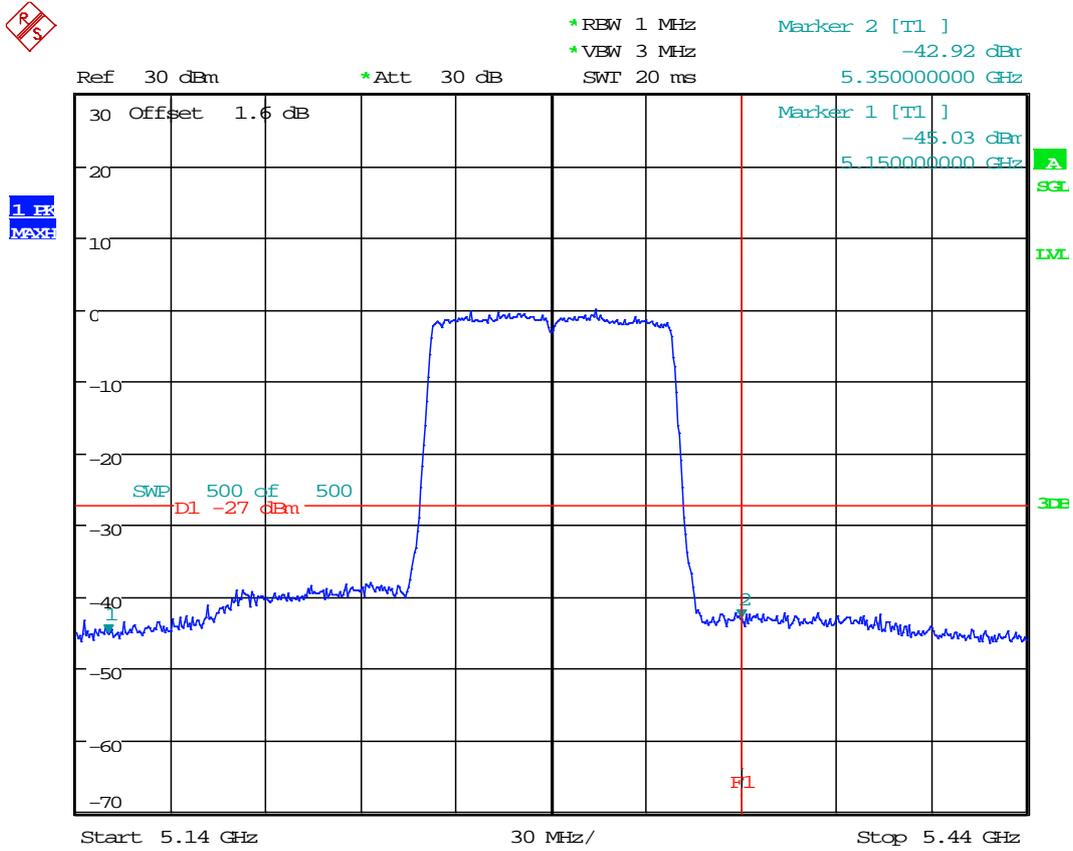
Date: 21.DEC.2015 10:44:06

9.155 11AC80M_42 Ant 1



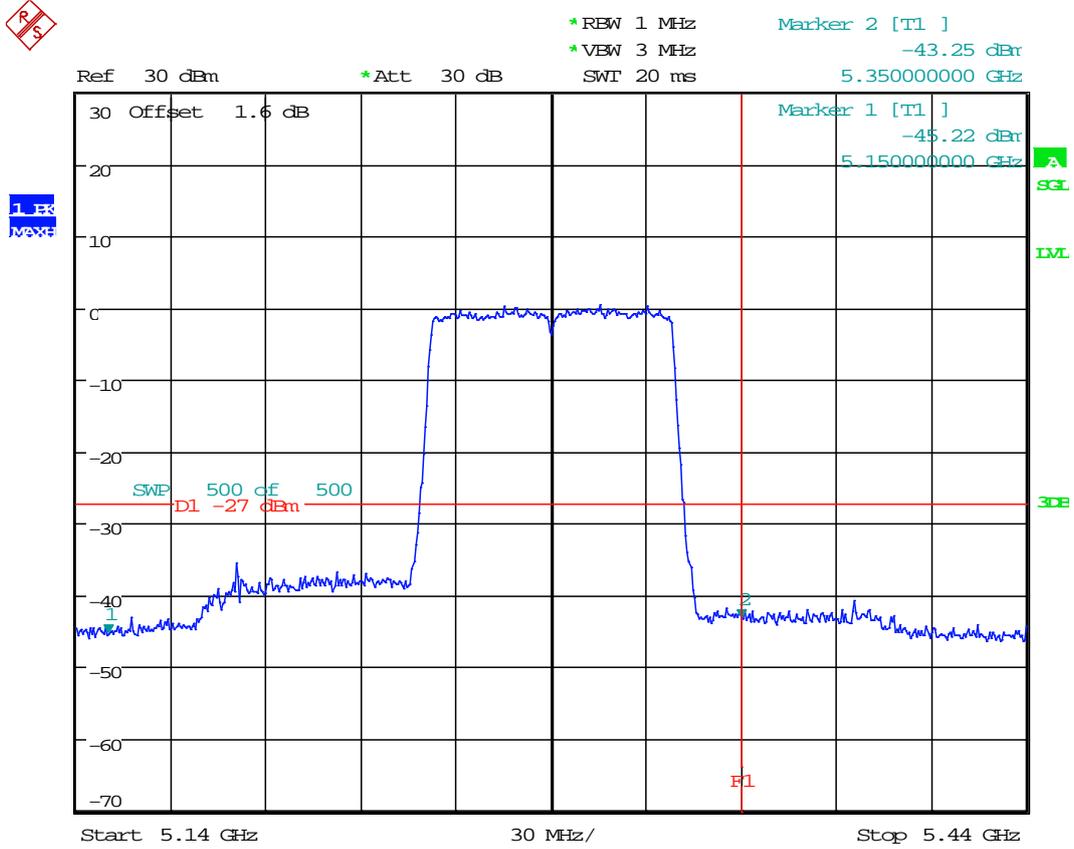
Date: 24.DEC.2015 10:40:42

9.157 11AC80M_58 Ant 1



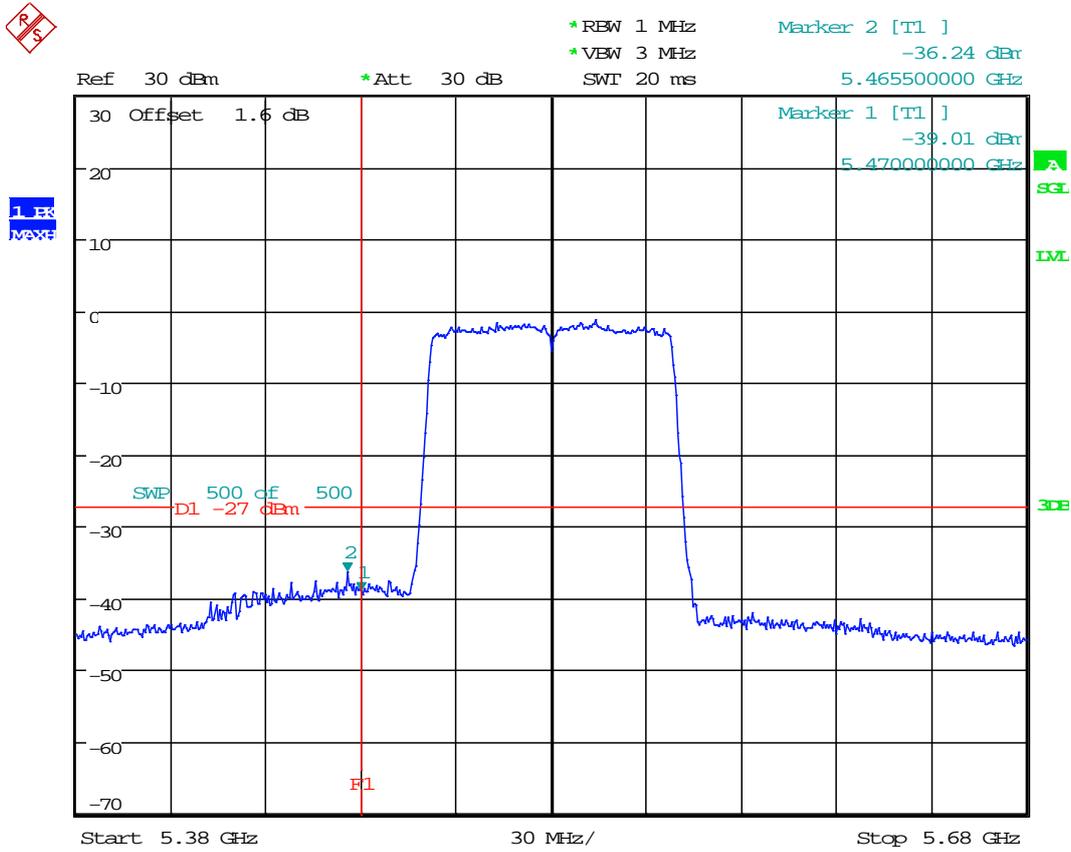
Date: 24.DEC.2015 10:59:08

9.158 11AC80M_58 Ant 2



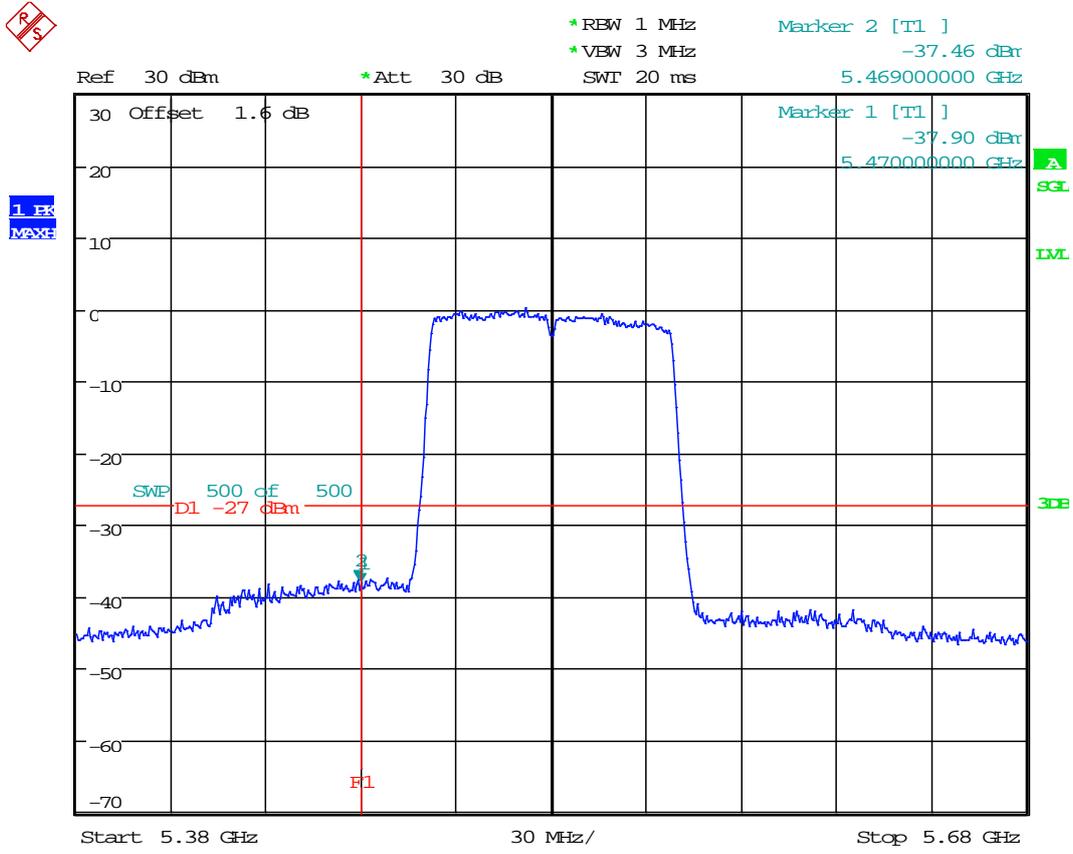
Date: 24.DEC.2015 10:53:26

9.159 11AC80M_106 Ant 1



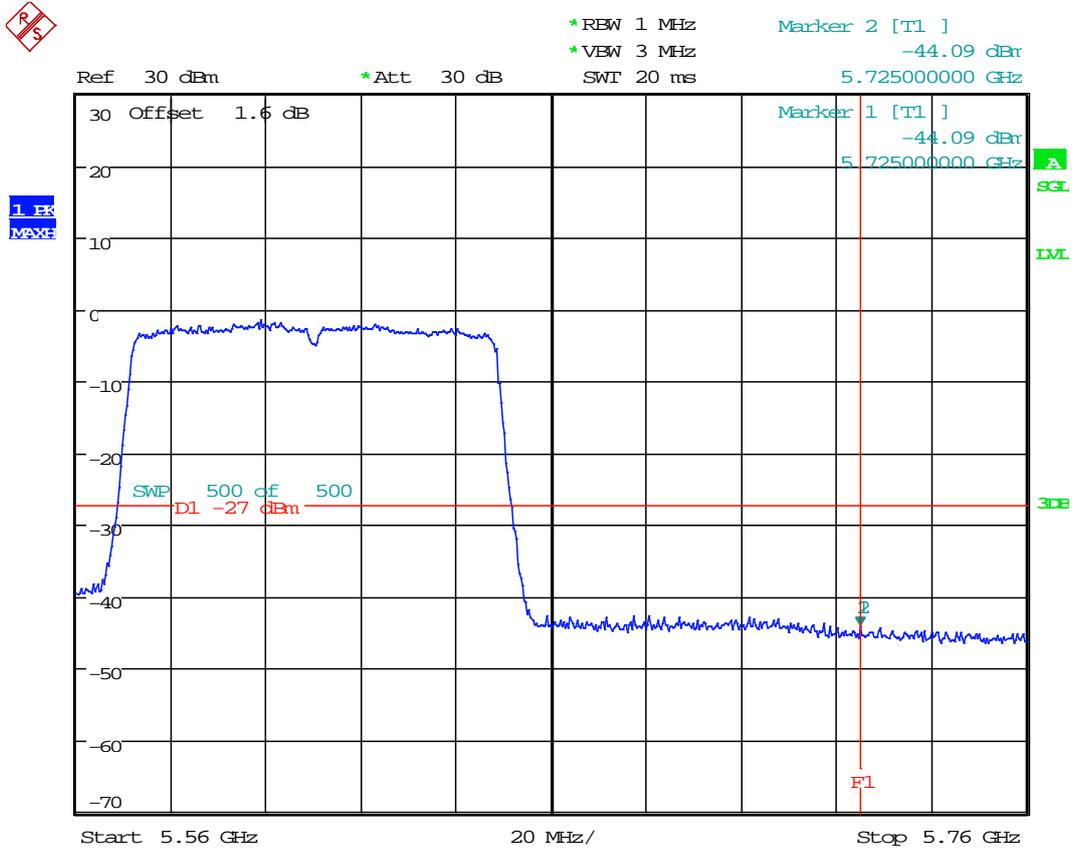
Date: 24.DEC.2015 11:04:33

9.160 11AC80M_106 Ant 2



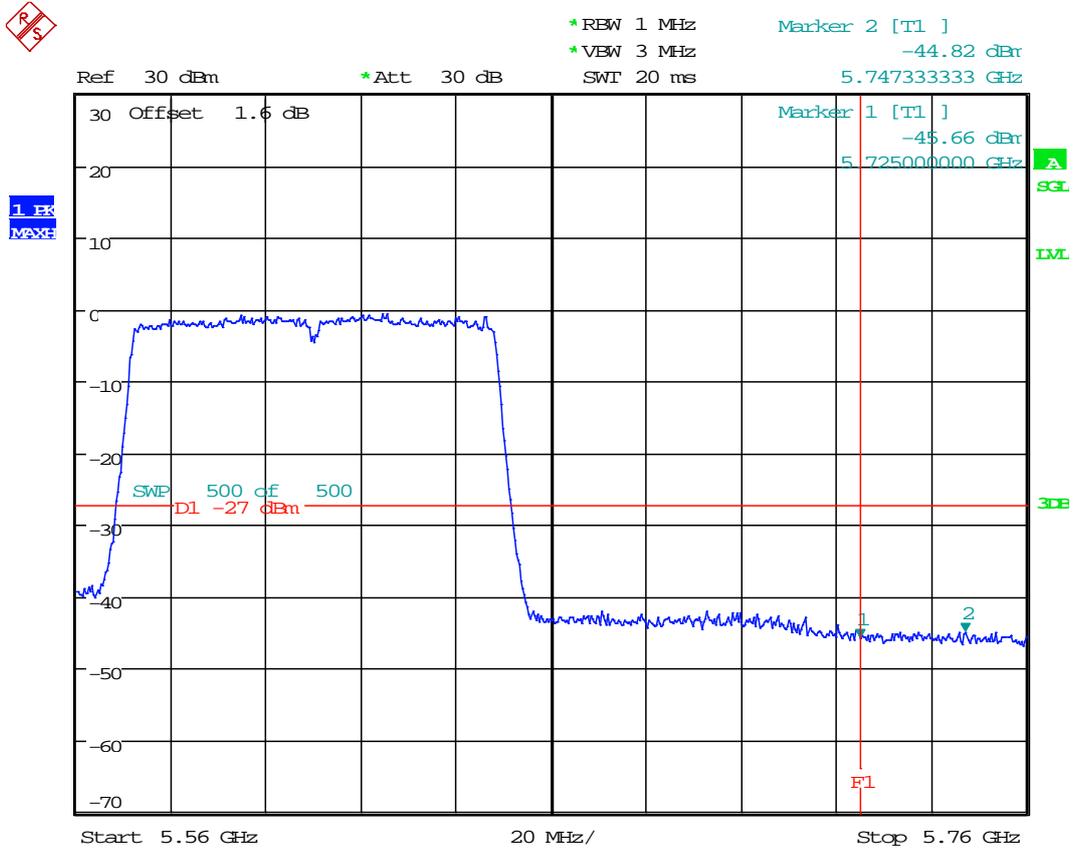
Date: 24.DEC.2015 11:09:31

9.161 11AC80M_123 Ant 1



Date: 24.DEC.2015 11:19:00

9.162 11AC80M_123 Ant 2

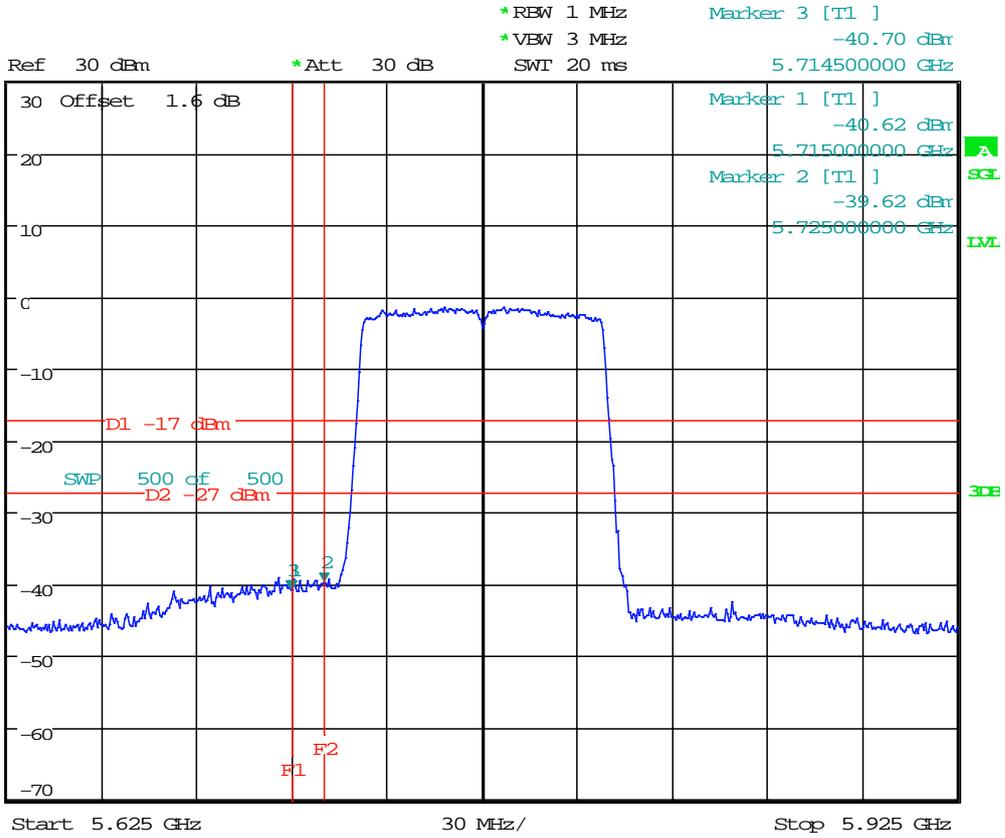


Date: 24.DEC.2015 11:14:23

9.163 11AC80M_155 Ant 1

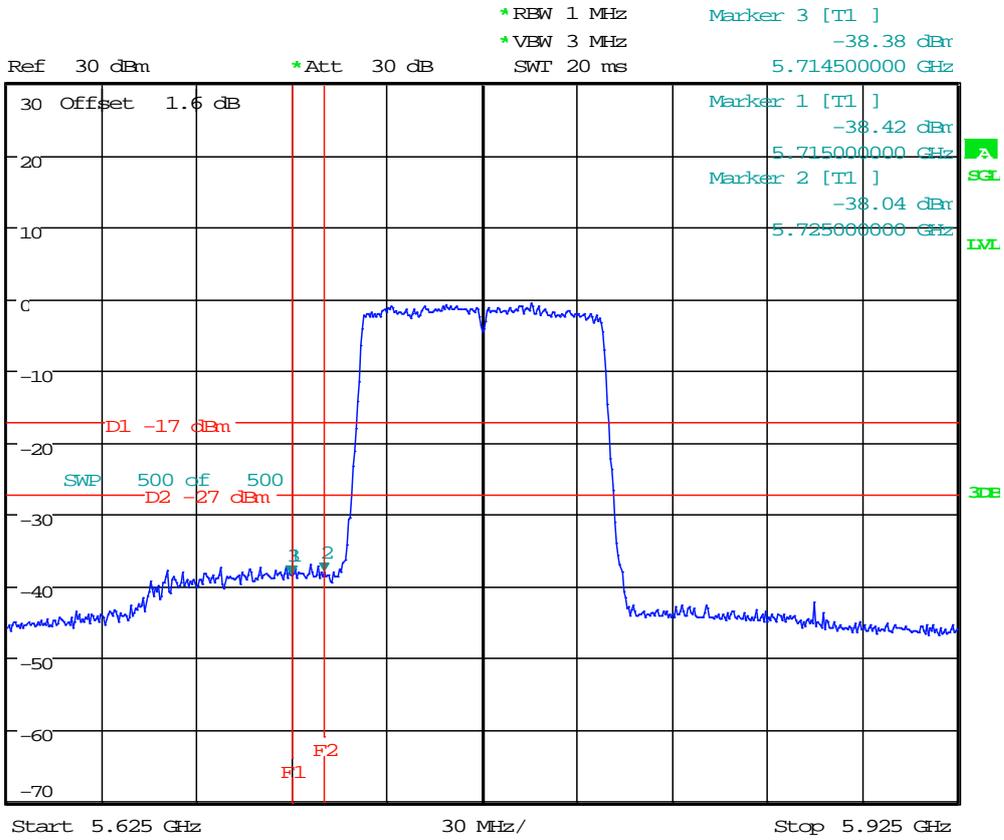


1.83
MAX



Date: 24.DEC.2015 11:31:16

9.164 11AC80M_155 Ant 2

1. E3
MAX

Date: 24.DEC.2015 11:36:41

Appendix F: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5180
V nom(V)	5180.0089
V max(V)	5180.0076
V min(V)	5180.0095
Max. Deviation Frequency	0.0095
Max. Frequency Error (ppm)	1.8

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5180
-5	5180.0083
5	5180.005
15	5180.0066
25	5180.0071
35	5180.0079
45	5180.0086
50	5180.0089
Max. Deviation Frequency	0.0089
Max. Frequency Error (ppm)	1.718



Frequency Error vs. Voltage:

Test Conditions	Measured Fequency (MHz)
	5725
V nom(V)	5725.00265
V max(V)	5725.00653
V min(V)	5725.00672
Max. Deviation Frequency	0.00672
Max. Frequency Error (ppm)	1.150

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Fequency (MHz)
	5725
-5	5725.00452
5	5725.00425
15	5725.00435
25	5725.00425
35	5725.00433
45	5725.00429
50	5725.00443
Max. Deviation Frequency	0.00458
Max. Frequency Error (ppm)	0.7863

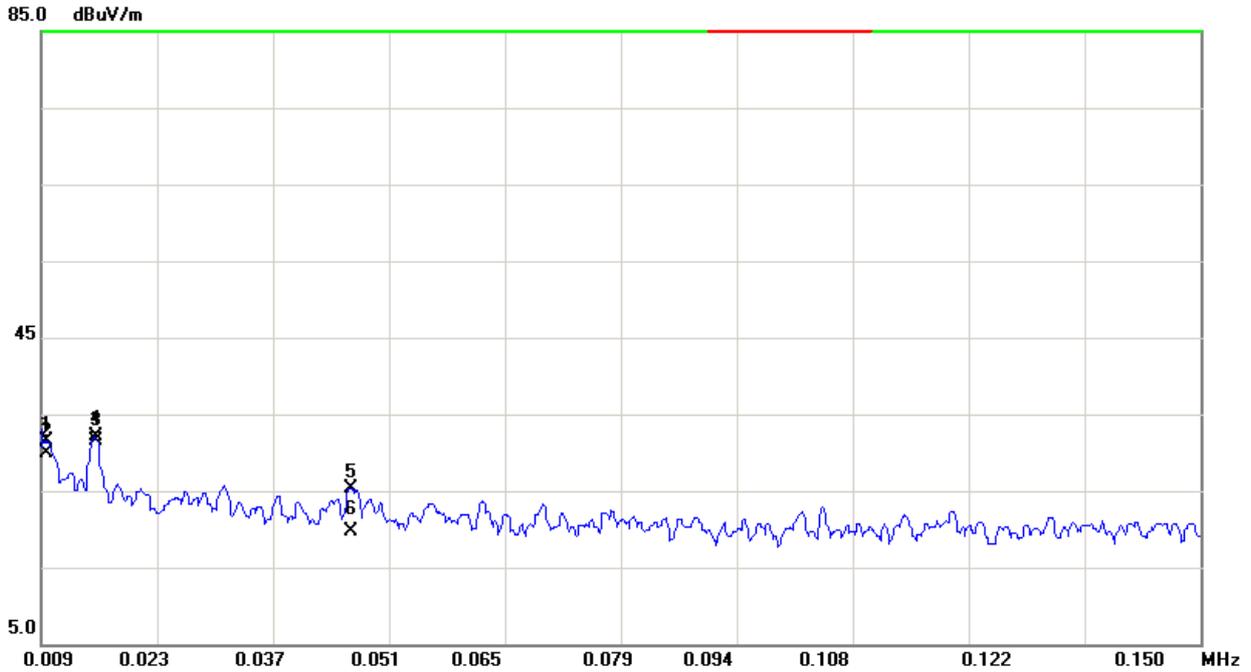
Appendix G: Radiated Spurious Emission & Spurious in Restricted Band

Note1:We tested all modes, but the data presented below is the worst case.

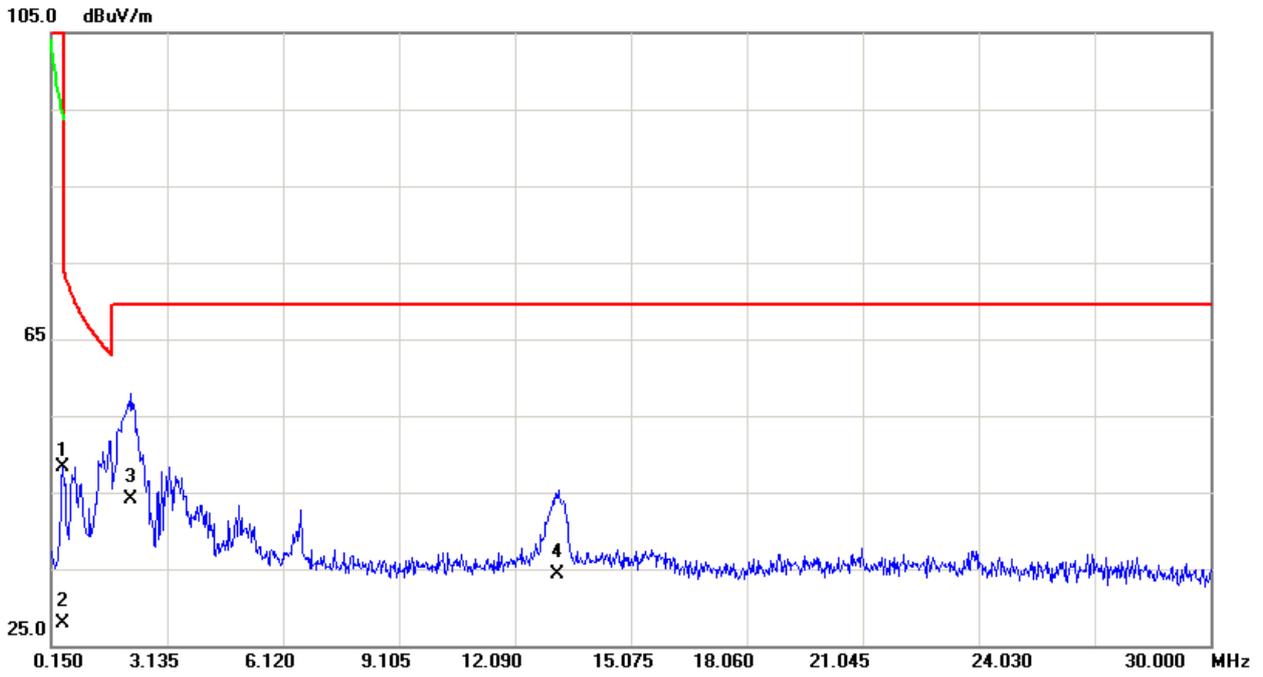
Note2:The data test in Location2.

10 Test Plot

10.1 Part 1: Testing Range of “9 kHz to 30MHz”



No. Mk.	Freq.MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/	Margin dB		
							Detecto	Comment
1	0.0097	9.92	21.51	31.43	147.87	-116.44	peak	
2	0.0097	8.3	21.51	29.81	127.87	-98.06	AVG	
3	0.0156	10.71	21.4	32.11	143.74	-111.63	peak	
4	0.0156	10.1	21.4	31.5	123.74	-92.24	AVG	
5	0.0466	3.8	21.59	25.39	134.24	-108.85	peak	
6	0.0466	-1.8	21.59	19.79	114.24	-94.45	AVG	



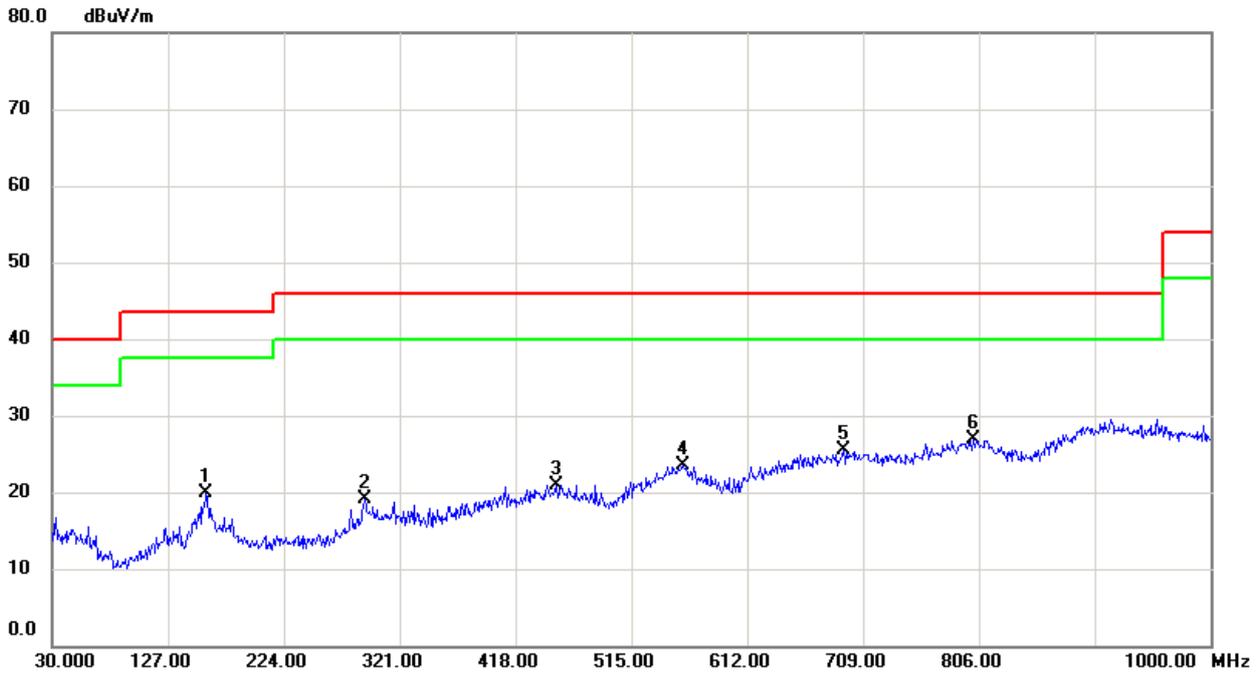
No. Mk.	Freq.MHz	Reading Level dBuV	Correct Factor dB	Measure-ment dBuV/m	Limit dBuV/	Margin dB		
							Detecto	Comment
1	0.4485	27.24	20.98	48.22	114.57	-66.35	peak	
2	0.4485	6.85	20.98	27.83	94.57	-66.74	AVG	
3	2.2096	22.45	21.71	44.16	69.54	-25.38	QP	
4	13.1943	12.11	22.21	34.32	69.54	-35.22	QP	

10.2 Part 2: Testing Range of “30 MHz to 1 GHz”

Note 1: The test results and plot for testing range of “30 MHz to 3 GHz” showed as below is **the WORST case for all Test Modes and Channels**. This range will not be presented for each Test Mode and each Channel.

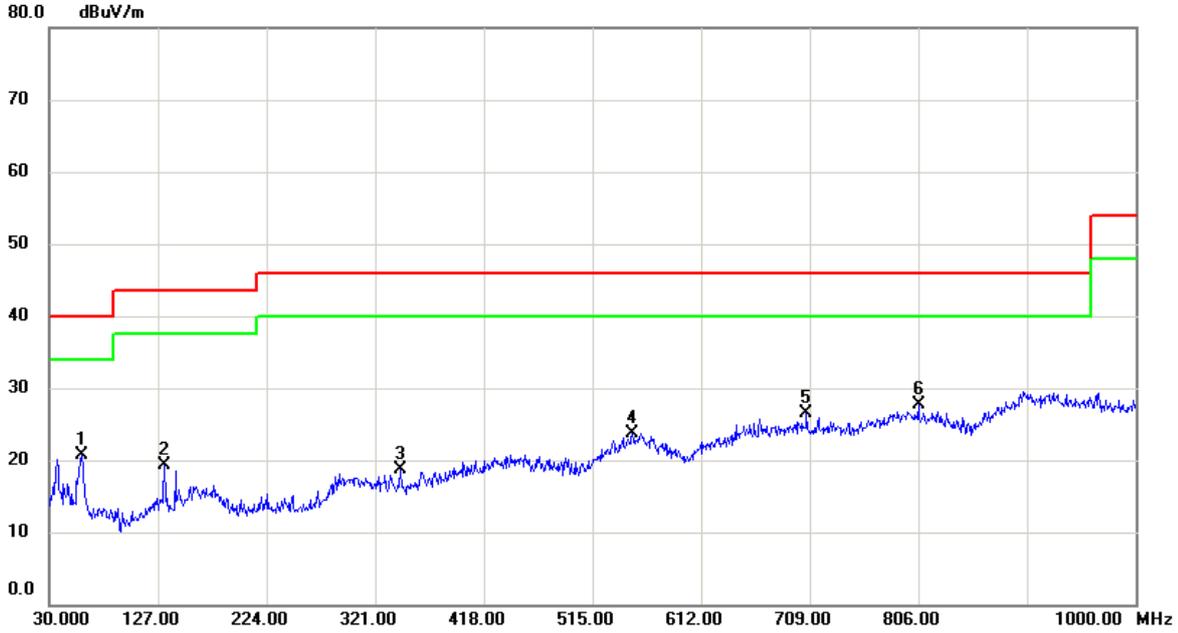
Note 2: **The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).**

10.2.1 802.11a_ant1; CH=36



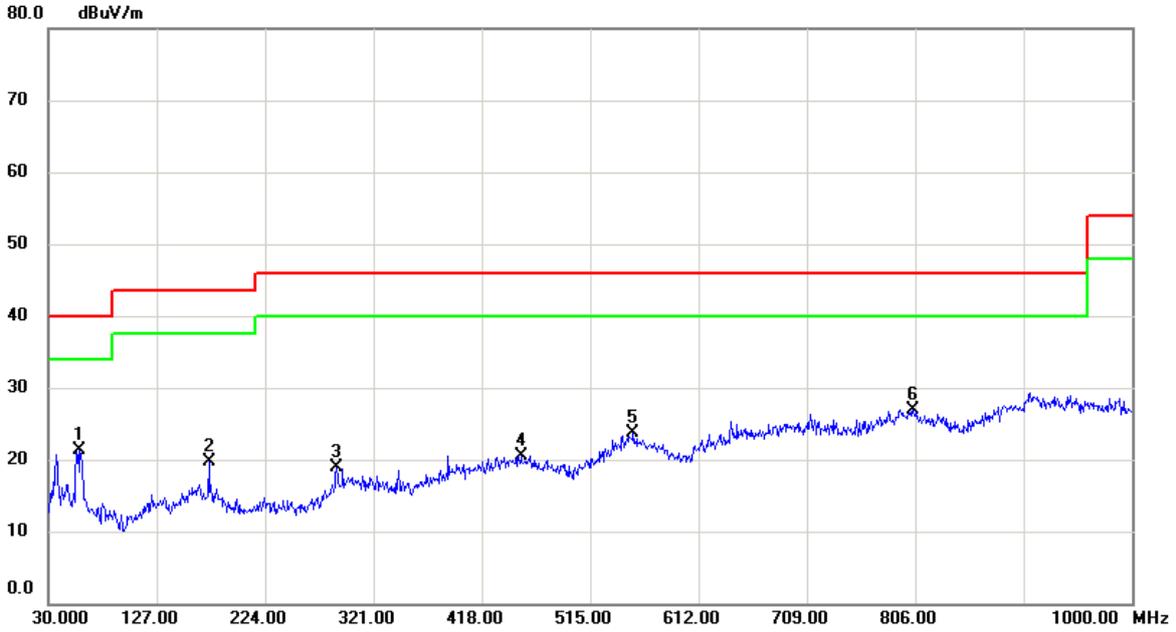
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/	Margin dB	Detecto	Comment
1		159.0100	32.31	-12.48	19.83	43.50	-23.67	peak	
2		291.9000	29.97	-10.91	19.06	46.00	-26.94	peak	
3		451.9500	29.05	-8.13	20.92	46.00	-25.08	peak	
4		558.6500	29.02	-5.61	23.41	46.00	-22.59	peak	
5		692.5100	29.75	-4.33	25.42	46.00	-20.58	peak	
6	*	801.1500	29.01	-2.12	26.89	46.00	-19.11	peak	

10.2.2 802.11a_ant1; CH=52



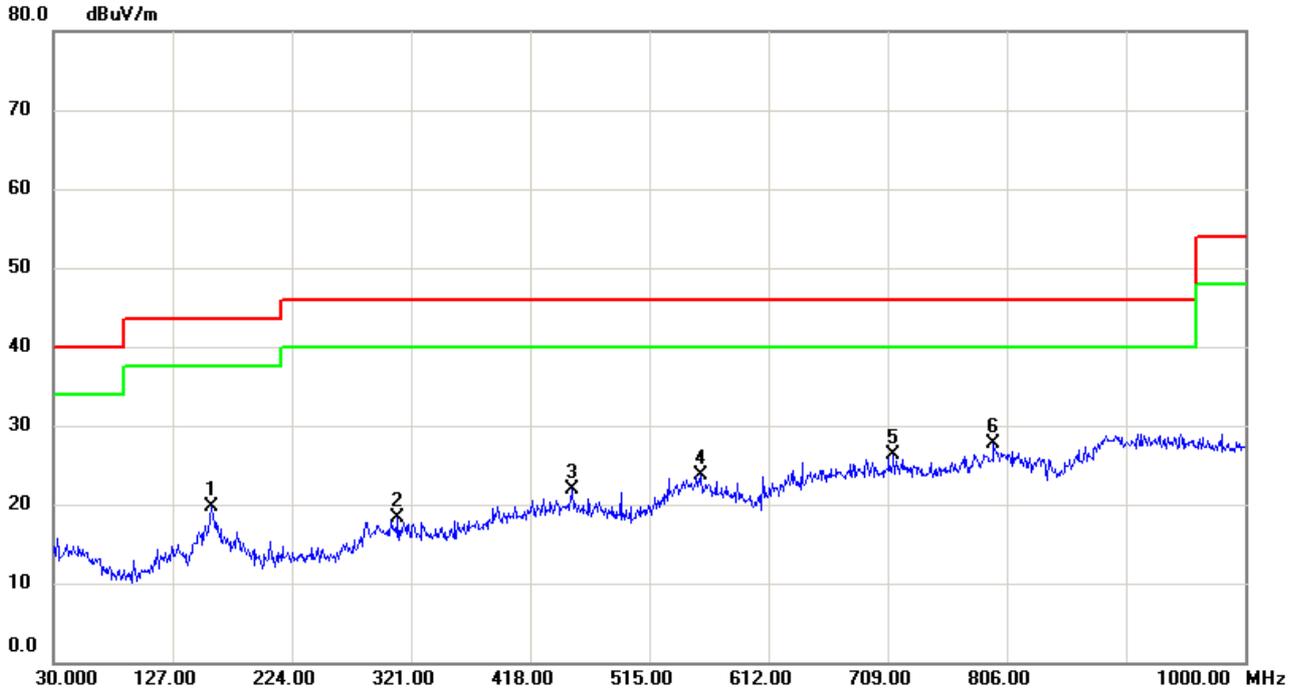
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		59.1000	34.89	-14.27	20.62	40.00	-19.38	peak	
2		132.8200	32.71	-13.36	19.35	43.50	-24.15	peak	
3		343.3100	30.01	-11.23	18.78	46.00	-27.22	peak	
4		550.8900	28.95	-5.19	23.76	46.00	-22.24	peak	
5		706.0900	30.71	-4.25	26.46	46.00	-19.54	peak	
6	*	806.0000	29.94	-2.31	27.63	46.00	-18.37	peak	

10.2.3 802.11a_ant1; CH=100



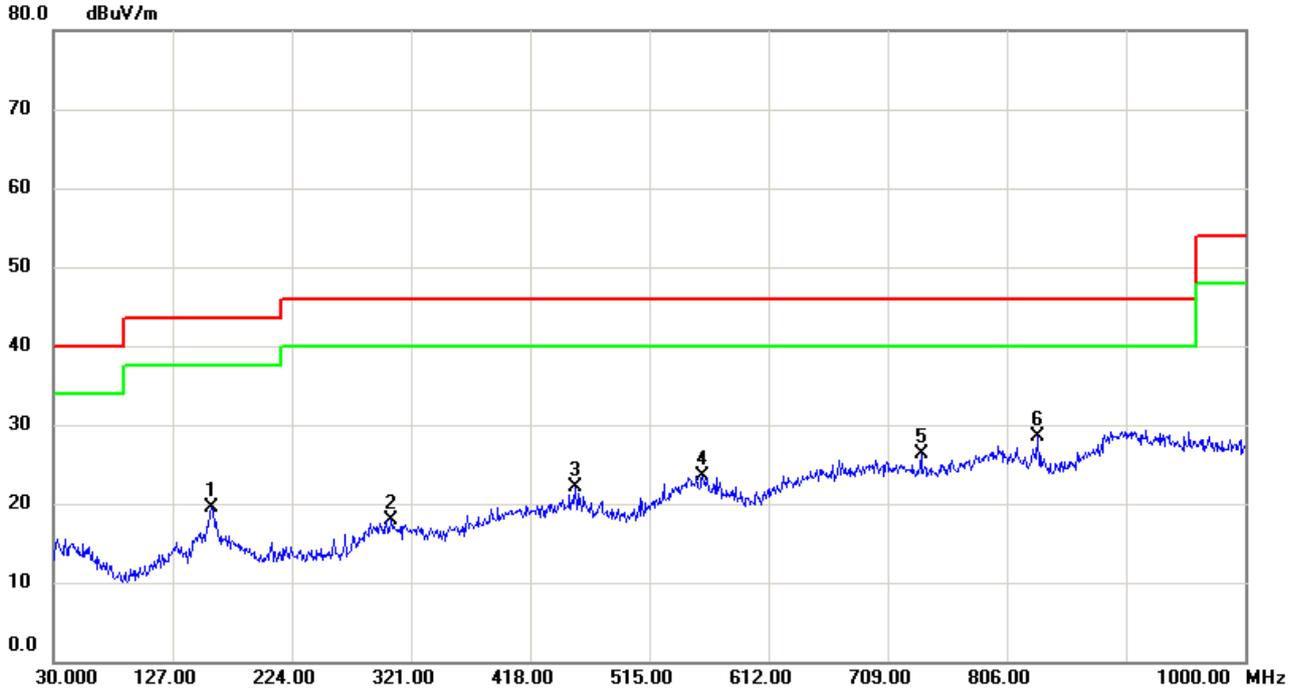
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	58.1300	35.29	-14.00	21.29	40.00	-18.71	peak	
2		173.5600	32.70	-12.91	19.79	43.50	-23.71	peak	
3		288.0200	30.19	-11.25	18.94	46.00	-27.06	peak	
4		452.9200	28.62	-8.16	20.46	46.00	-25.54	peak	
5		553.8000	29.08	-5.35	23.73	46.00	-22.27	peak	
6		804.0600	29.22	-2.22	27.00	46.00	-19.00	peak	

10.2.4 802.11a_ant1; CH=149



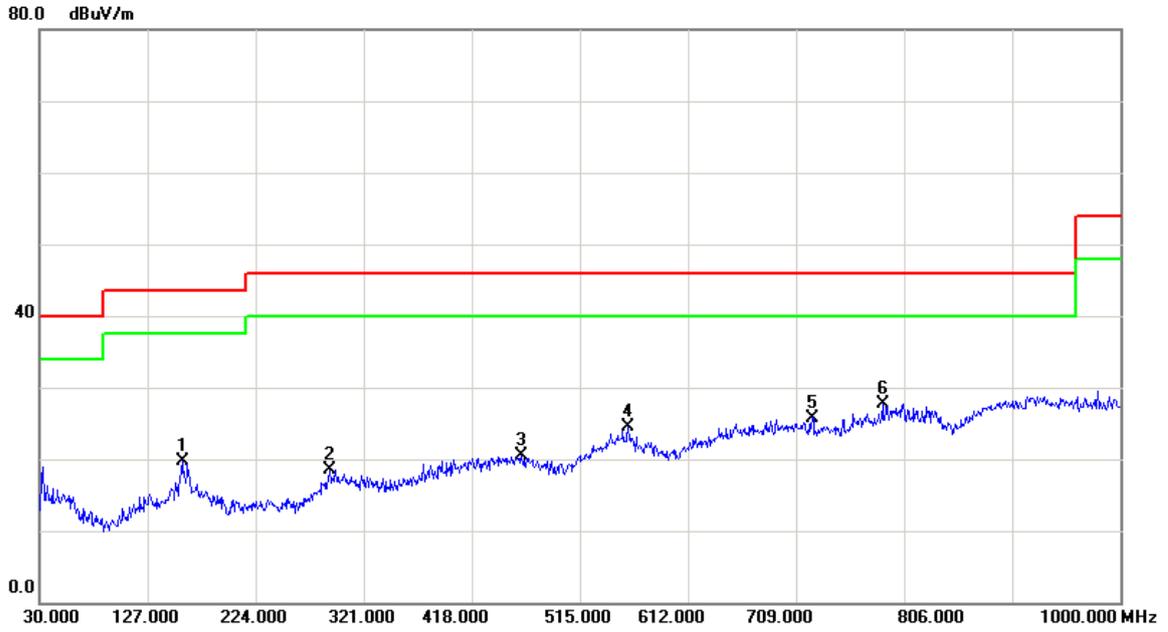
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		158.0400	32.17	-12.54	19.63	43.50	-23.87	peak	
2		310.3300	29.05	-10.67	18.38	46.00	-27.62	peak	
3		451.9500	29.97	-8.13	21.84	46.00	-24.16	peak	
4		556.7100	29.26	-5.50	23.76	46.00	-22.24	peak	
5		713.8500	30.70	-4.31	26.39	46.00	-19.61	peak	
6	*	795.3300	30.06	-2.30	27.76	46.00	-18.24	peak	

10.2.5 802.11ac_ant1; CH=36



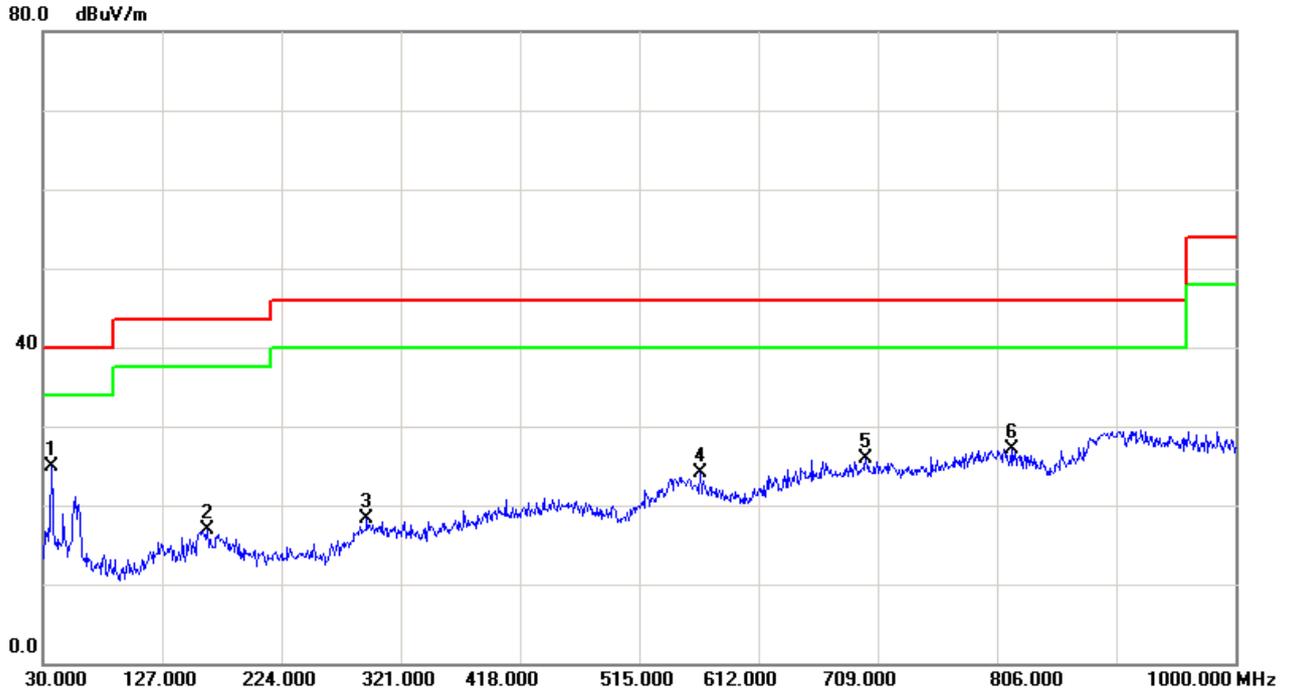
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		159.0100	31.90	-12.48	19.42	43.50	-24.08	peak	
2		304.5100	28.45	-10.57	17.88	46.00	-28.12	peak	
3		454.8600	30.39	-8.23	22.16	46.00	-23.84	peak	
4		558.6500	29.04	-5.61	23.43	46.00	-22.57	peak	
5		736.1600	30.71	-4.49	26.22	46.00	-19.78	peak	
6	*	831.2200	31.88	-3.30	28.58	46.00	-17.42	peak	

10.2.6 802.11ac_ant1; CH=52



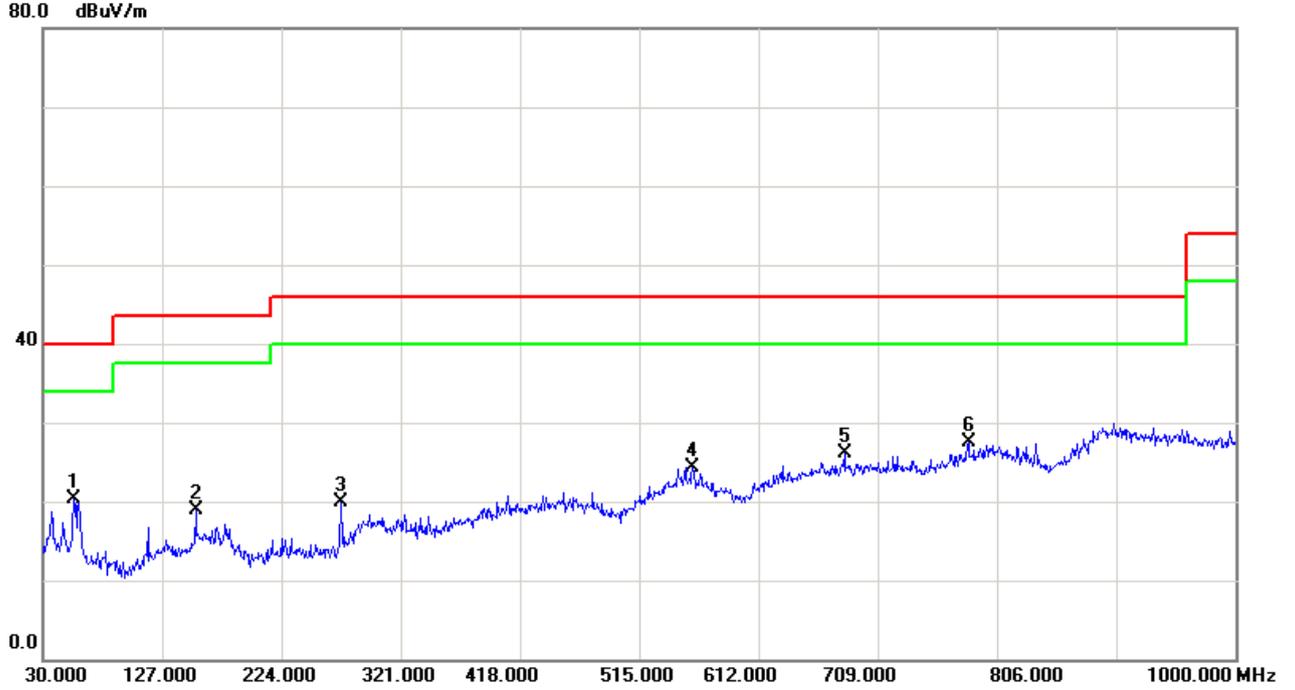
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		158.0400	32.29	-12.54	19.75	43.50	-23.75	peak	
2		290.9300	29.47	-10.95	18.52	46.00	-27.48	peak	
3		462.6200	29.12	-8.53	20.59	46.00	-25.41	peak	
4		558.6500	30.07	-5.61	24.46	46.00	-21.54	peak	
5		723.5500	30.19	-4.39	25.80	46.00	-20.20	peak	
6	*	786.6000	30.44	-2.75	27.69	46.00	-18.31	peak	

10.2.7 802.11ac_ant1; CH=100



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	36.7900	39.06	-14.17	24.89	40.00	-15.11	peak	
2		163.8600	29.58	-12.60	16.98	43.50	-26.52	peak	
3		293.8400	29.02	-10.81	18.21	46.00	-27.79	peak	
4		564.4700	29.99	-5.93	24.06	46.00	-21.94	peak	
5		699.3000	30.14	-4.20	25.94	46.00	-20.06	peak	
6		817.6400	29.79	-2.77	27.02	46.00	-18.98	peak	

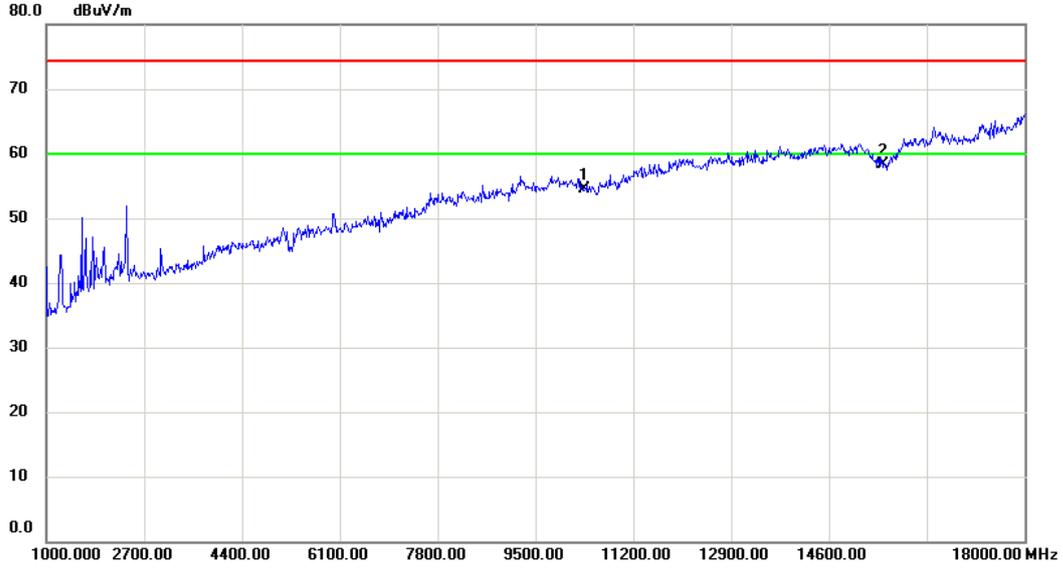
10.2.8 802.11ac_ant1; CH=149



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		55.2200	34.09	-13.76	20.33	40.00	-19.67	peak	
2		154.1600	31.76	-12.76	19.00	43.50	-24.50	peak	
3		272.5000	33.08	-13.23	19.85	46.00	-26.15	peak	
4		558.6500	29.93	-5.61	24.32	46.00	-21.68	peak	
5		681.8400	30.63	-4.52	26.11	46.00	-19.89	peak	
6	*	782.7200	30.53	-2.94	27.59	46.00	-18.41	peak	

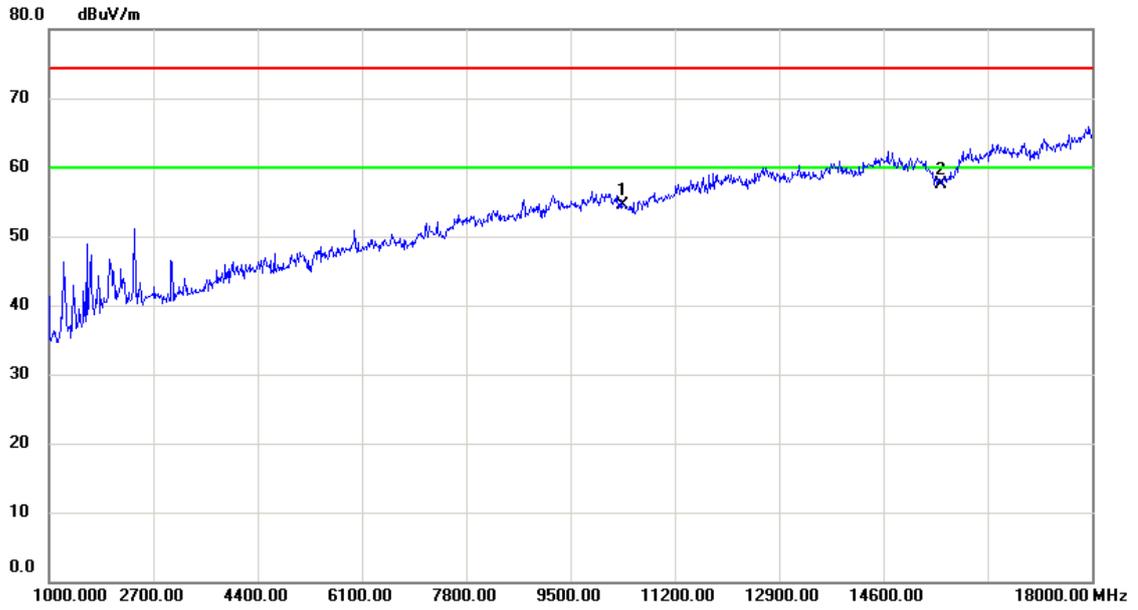
10.3 Part 3: Testing Range of “1 GHz to 18 GHz”

10.3.1.1 802.11a_ant1; CH=36



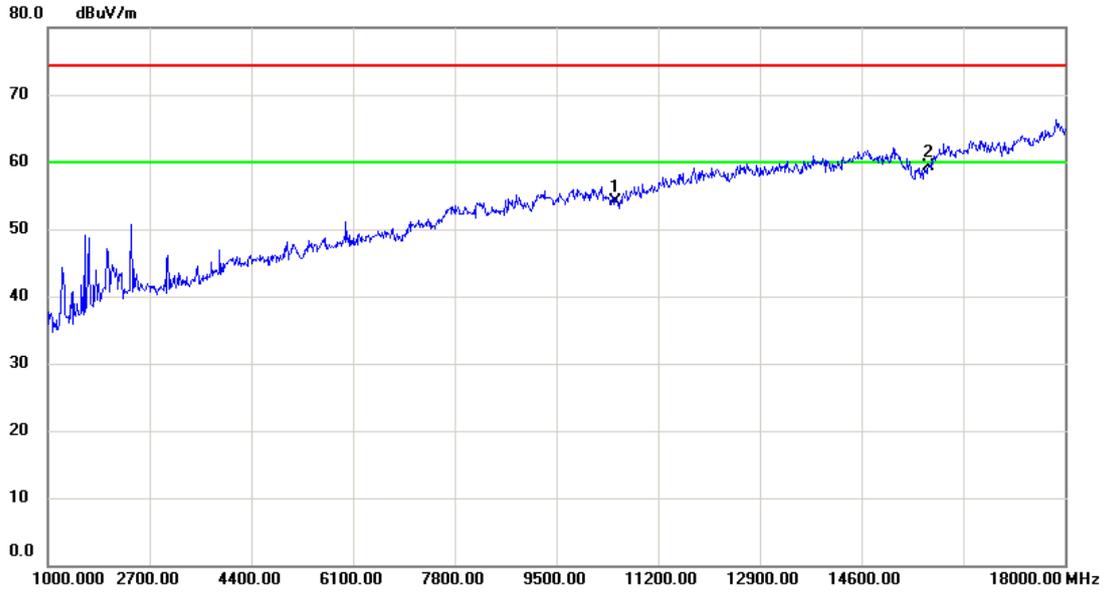
No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Margin		
			Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comm
1		10360.00	40.63	13.85	54.48	74.30	-19.82	peak	
2	*	15540.00	41.40	16.85	58.25	74.30	-16.05	peak	

10.3.1.2 802.11a_ant1; CH=52



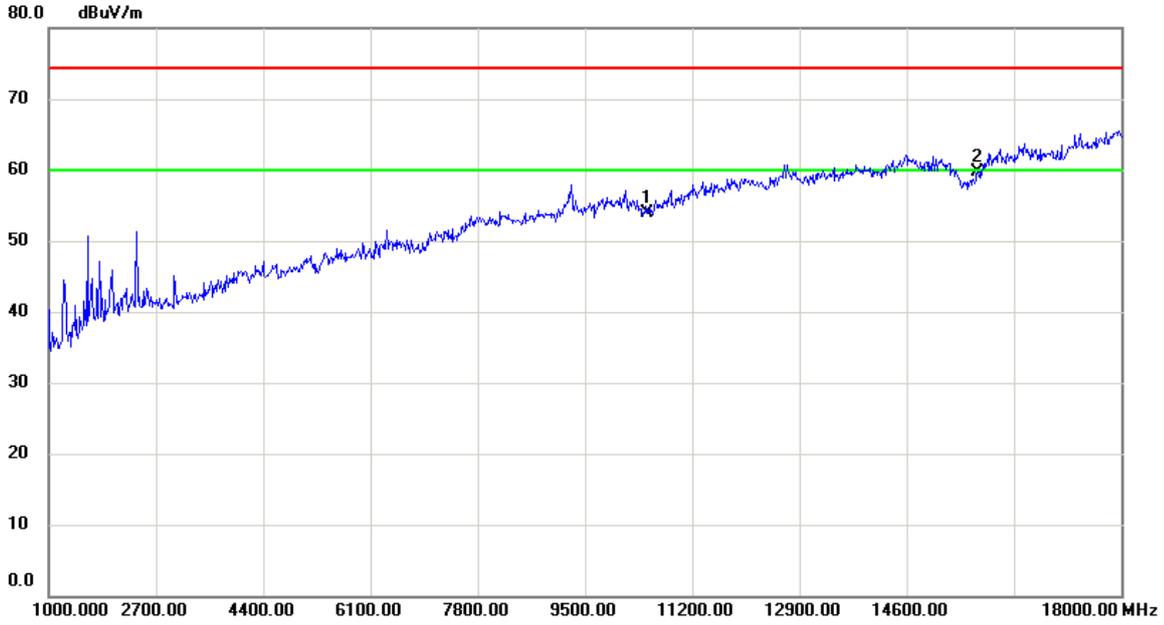
No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Margin		
			Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10360.00	40.58	13.85	54.43	74.30	-19.87	peak	
2	*	15540.00	40.75	16.85	57.60	74.30	-16.70	peak	

10.3.1.3 802.11a_ant1; CH=100



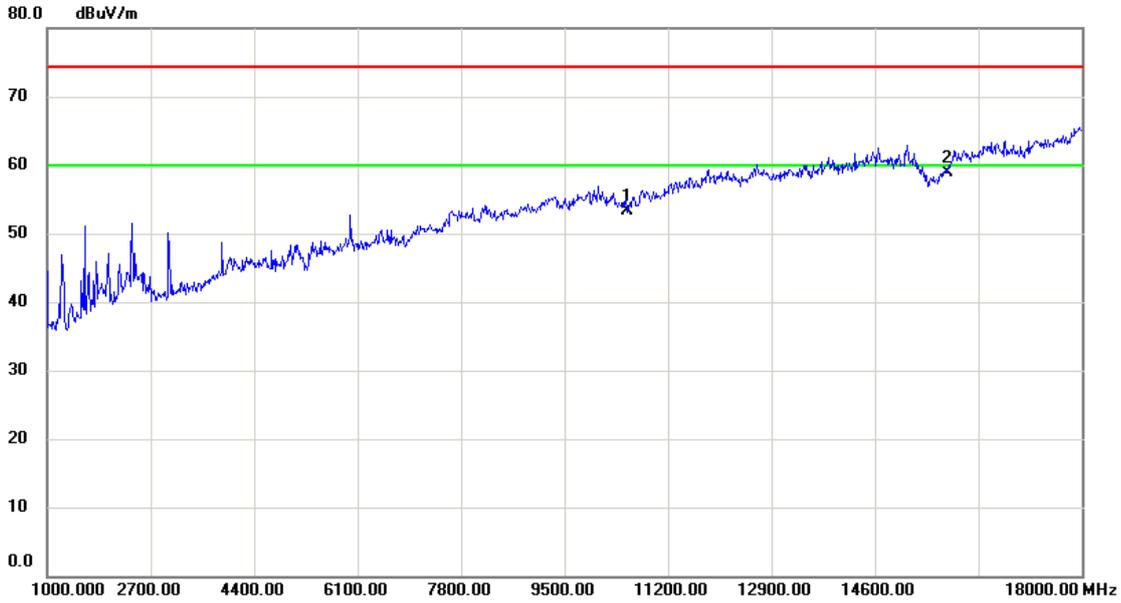
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
		MHz	Level	Factor	ment			Detector	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB		
1		10480.00	40.37	13.69	54.06	74.30	-20.24	peak	
2	*	15720.00	41.57	17.78	59.35	74.30	-14.95	peak	

10.3.1.4 802.11a_ant1; CH=149



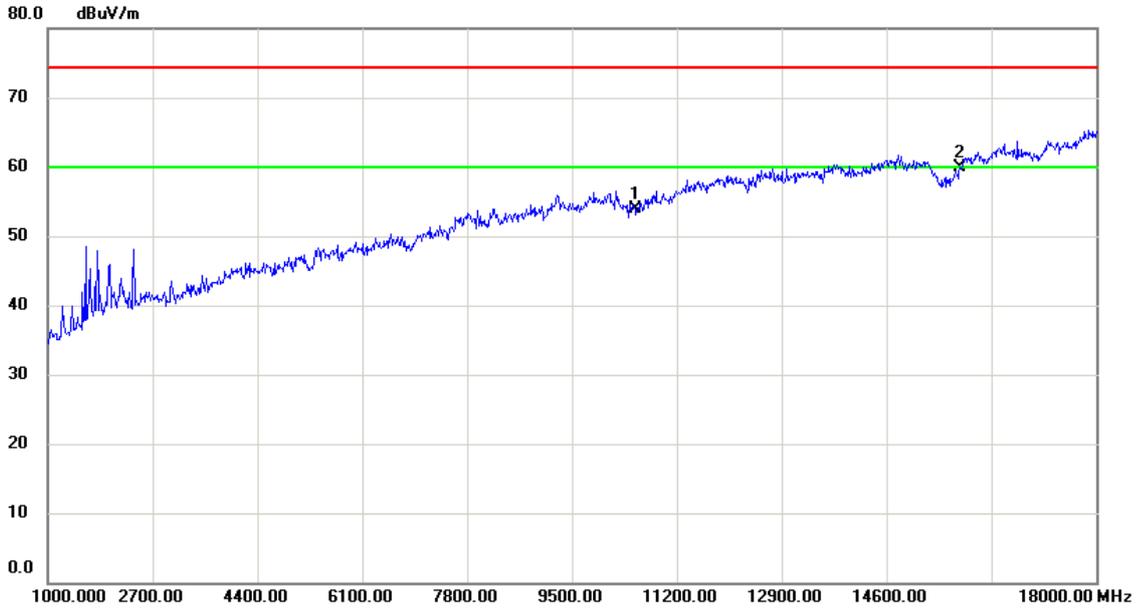
No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Margin		
			Level dBuV	Factor dB	ment dBuV/m				
1		10480.00	40.29	13.69	53.98	74.30	-20.32	peak	
2	*	15720.00	41.93	17.78	59.71	74.30	-14.59	peak	

10.3.1.5 802.11ac_ant1; CH=36



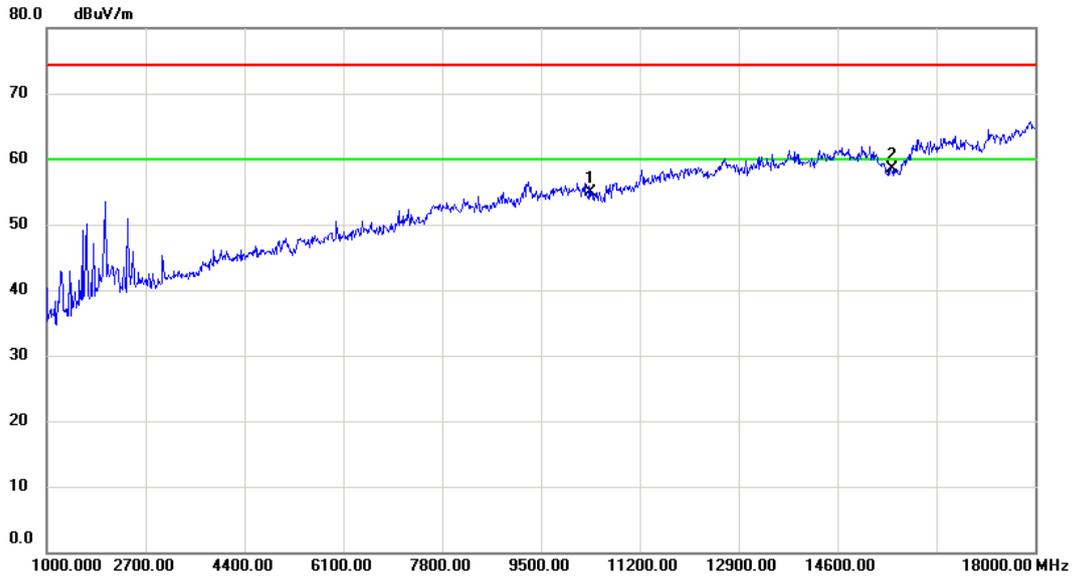
No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Margin		
			Level dBuV	Factor dB	ment dBuV/m				
1		10520.00	39.60	13.75	53.35	74.30	-20.95	peak	
2	*	15780.00	40.83	18.10	58.93	74.30	-15.37	peak	

10.3.1.6 802.11ac_ant1; CH=52



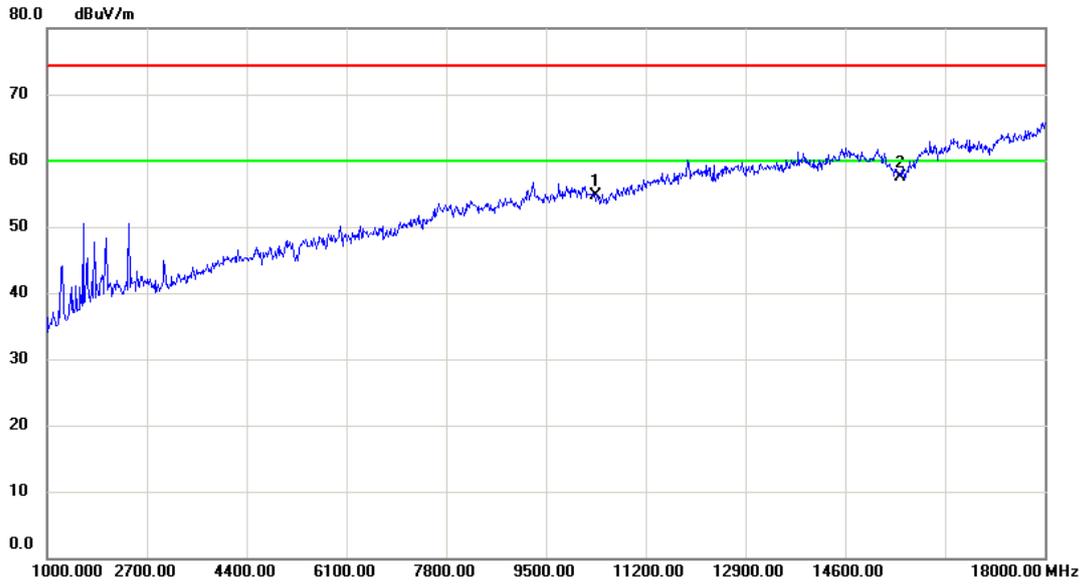
No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Margin	Detector	Comment
			Level dBuV	Factor dB	ment dBuV/m		dB		
1		10520.00	40.13	13.75	53.88	74.30	-20.42	peak	
2	*	15780.00	41.77	18.10	59.87	74.30	-14.43	peak	

10.3.1.7 802.11ac_ant1; CH=100



No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Margin		
			Level dBuV	Factor dB	ment dBuV/m		dB		
1		10360.00	41.02	13.85	54.87	74.30	-19.43	peak	
2	*	15540.00	41.67	16.85	58.52	74.30	-15.78	peak	

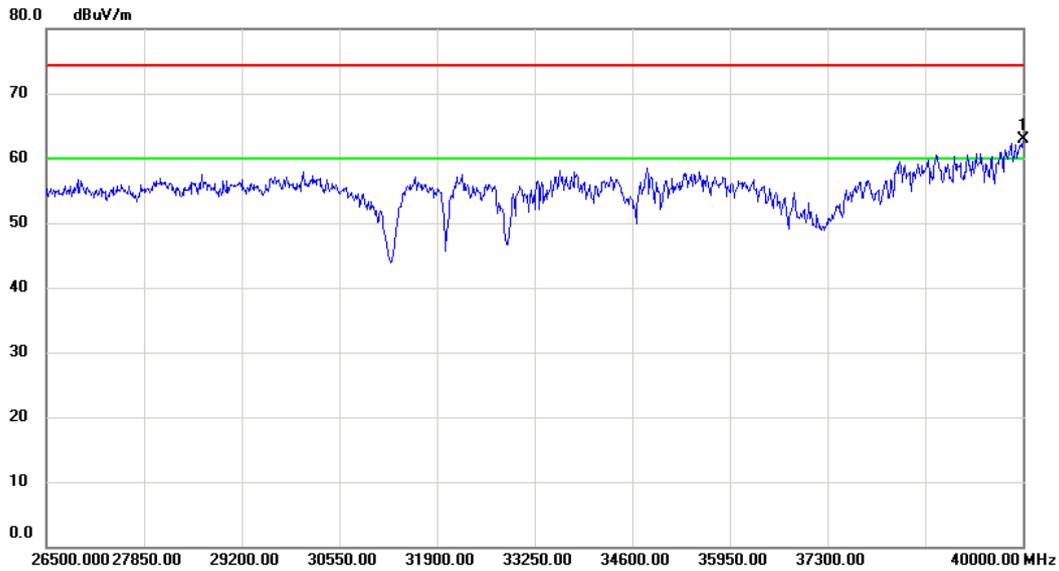
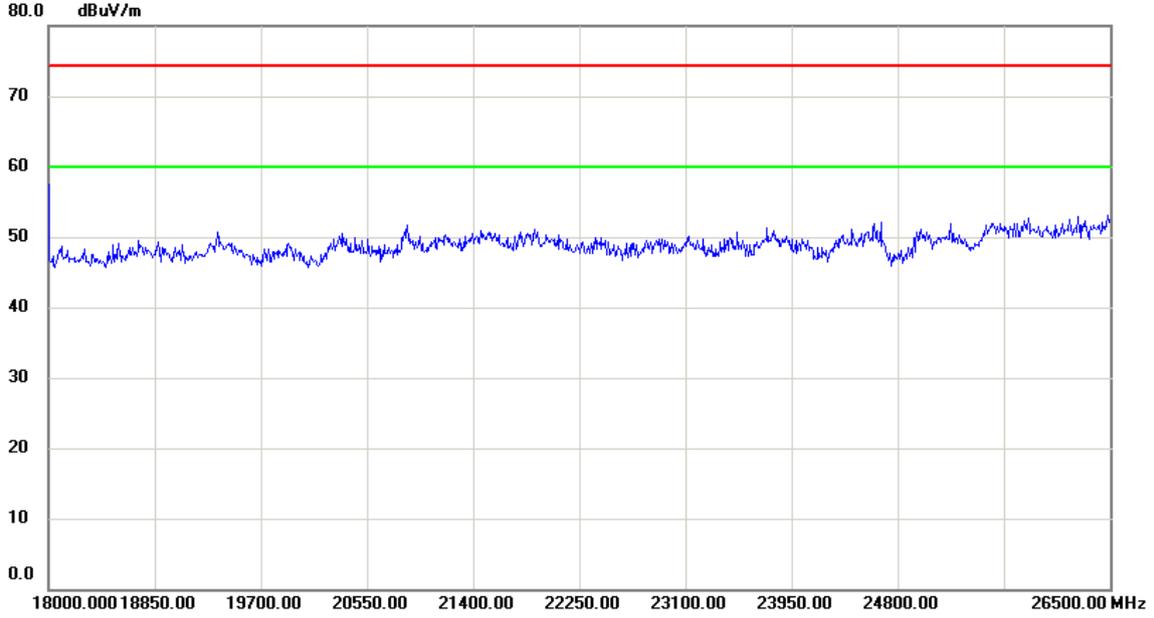
10.3.1.8 802.11ac_ant1; CH=149



No.	Mk.	Freq. MHz	Reading	Correct	Measure-	Limit	Margin		
			Level	Factor	ment				
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10360.00	40.84	13.85	54.69	74.30	-19.61	peak	
2	*	15540.00	40.75	16.85	57.60	74.30	-16.70	peak	

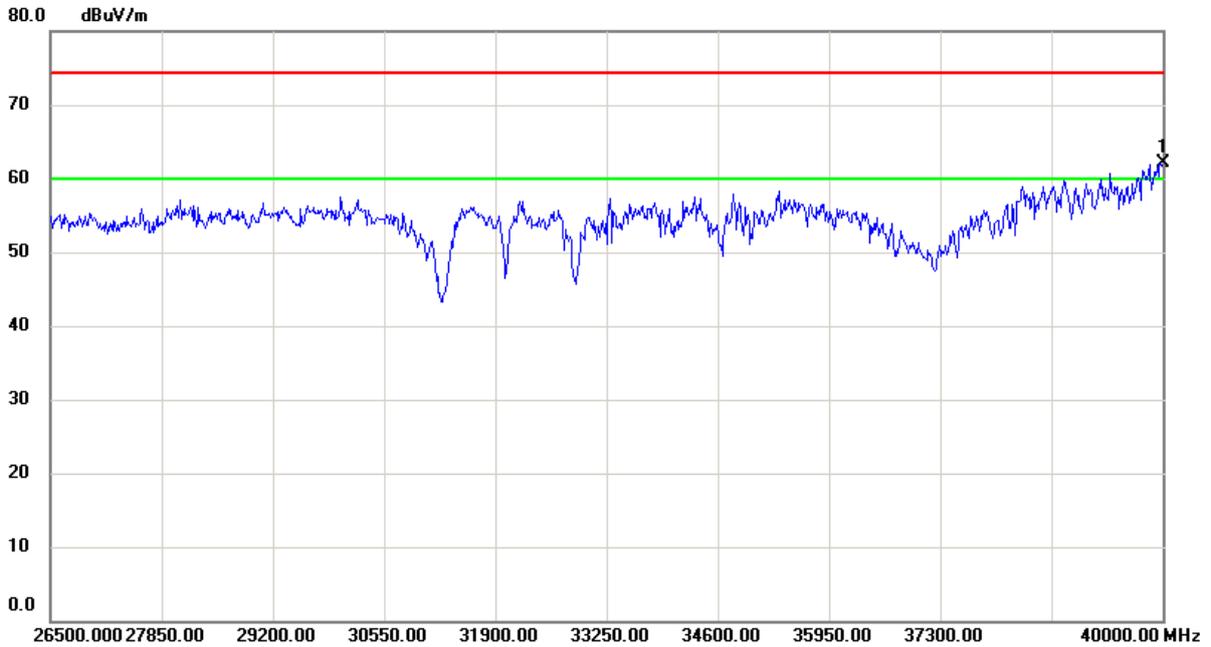
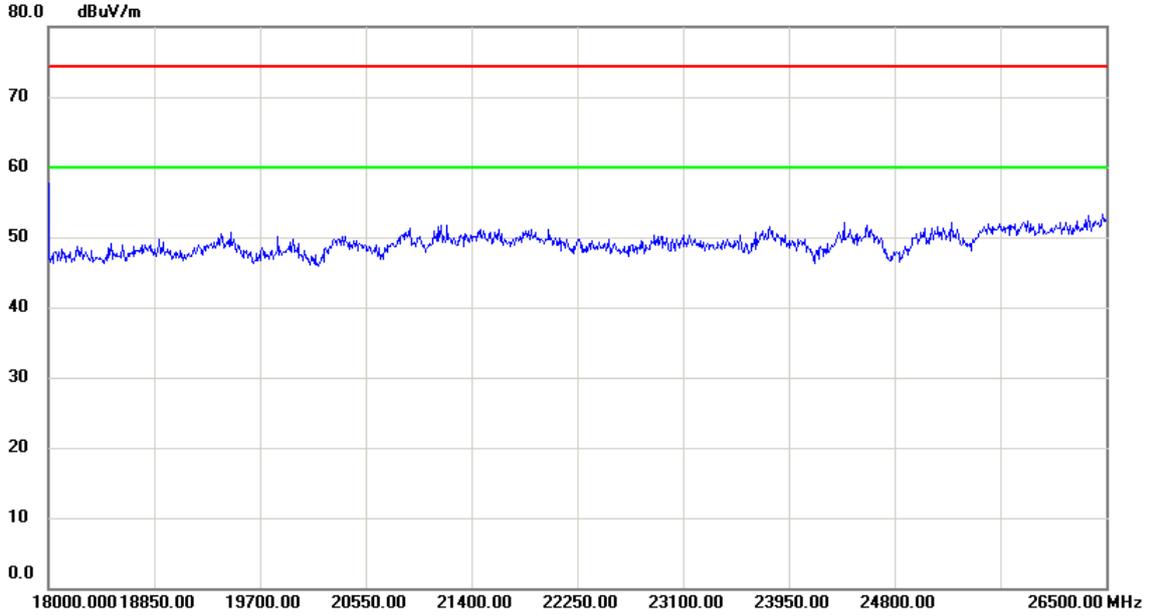
10.4 Part 4: Testing Range of “18 GHz to 26.5 GHz” and “18 GHz to 40 GHz”

10.4.1.1 802.11a_ant1; CH=36



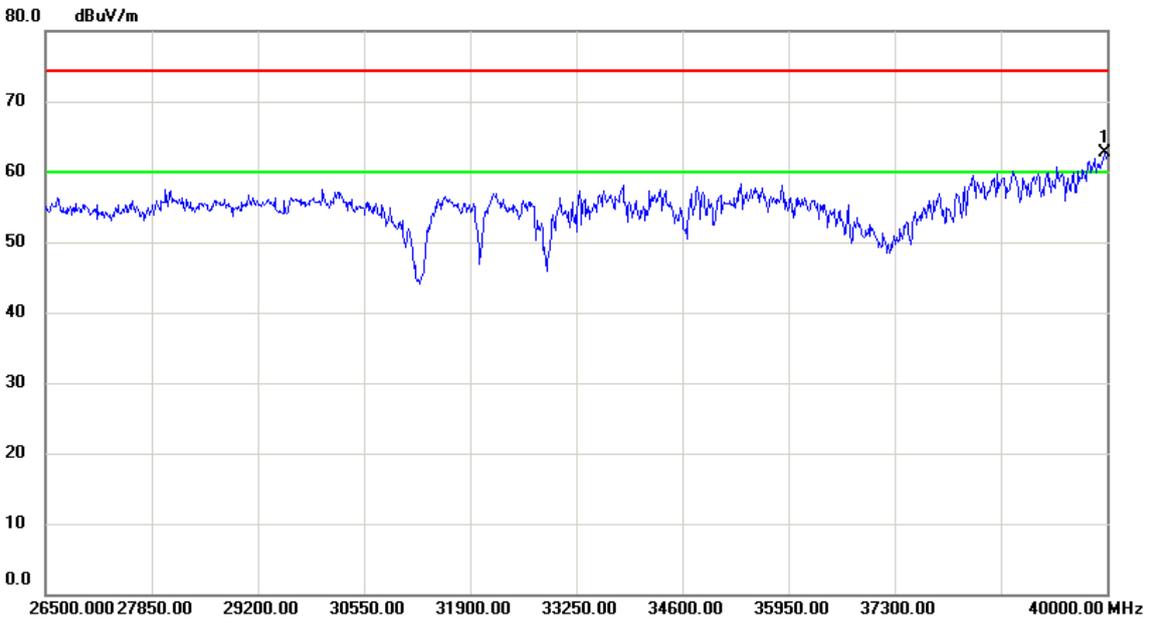
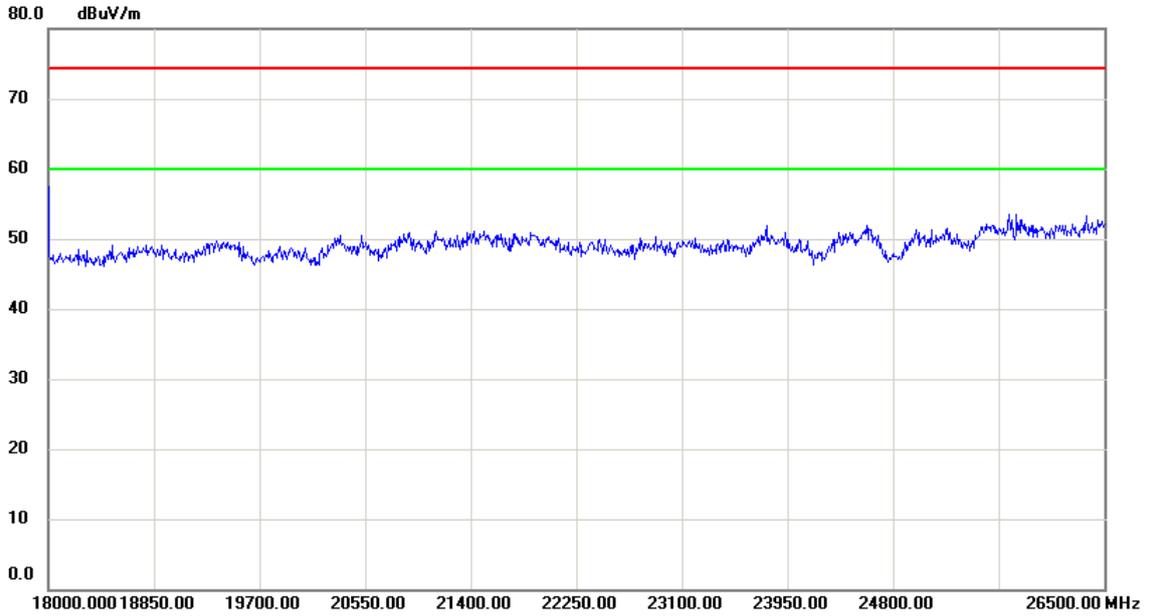
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	40000.0	45.29	17.60	62.89	74.30	-11.41	peak

10.4.1.2 802.11a_ant1; CH=52



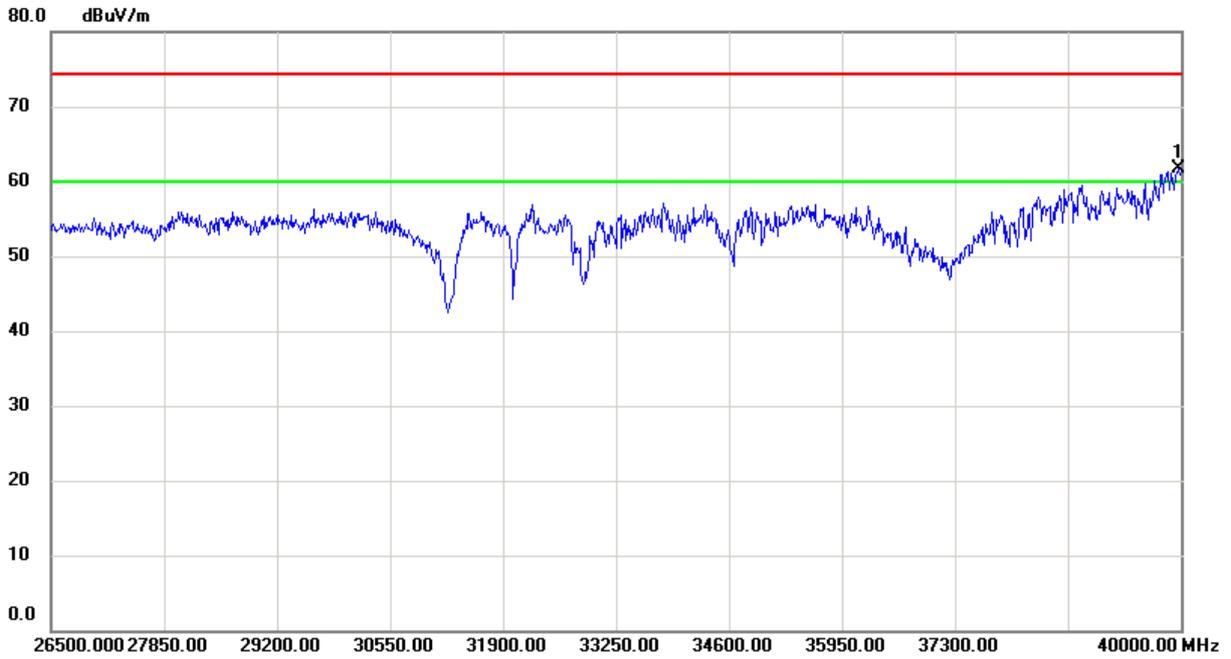
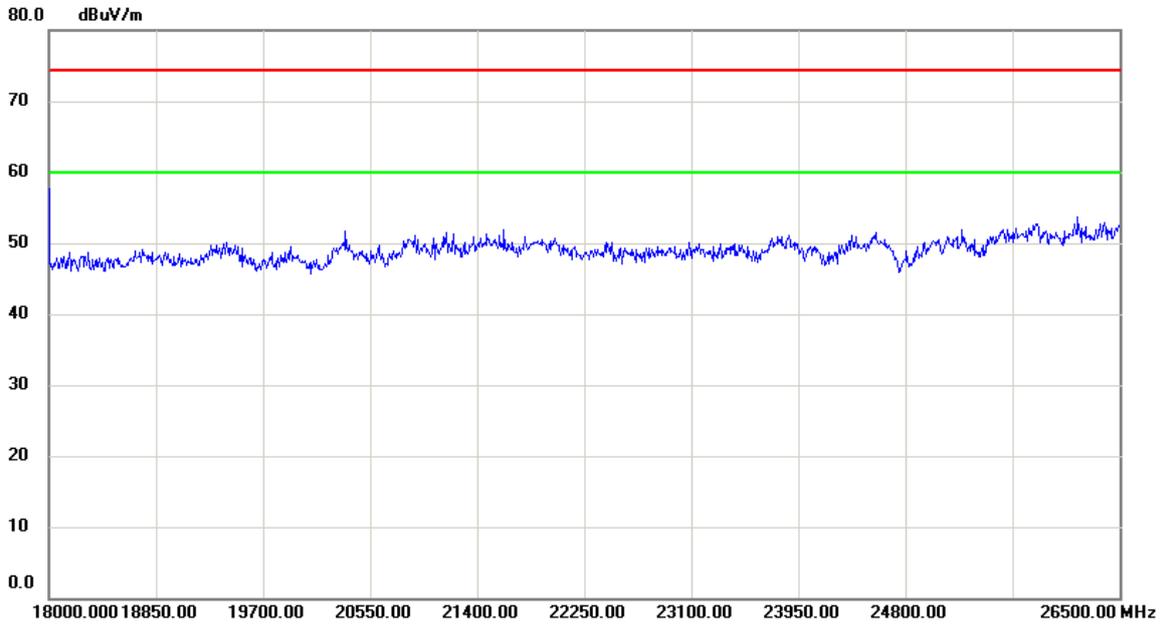
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	
		MHz	dBuV	Factor	ment	dBuV/m	dB	Detector
			dBuV	dB	dBuV/m	dBuV/m	dB	Comment
11	*	40000.0	44.58	17.60	62.18	74.30	-12.12	peak

10.4.1.3 802.11a_ant1; CH=100



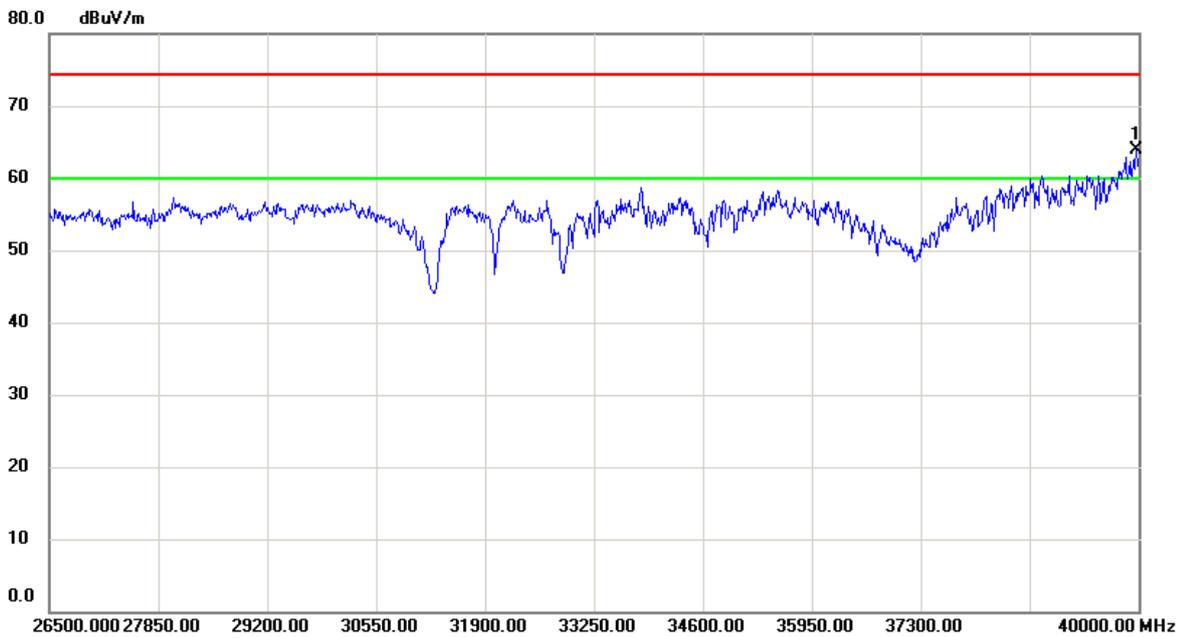
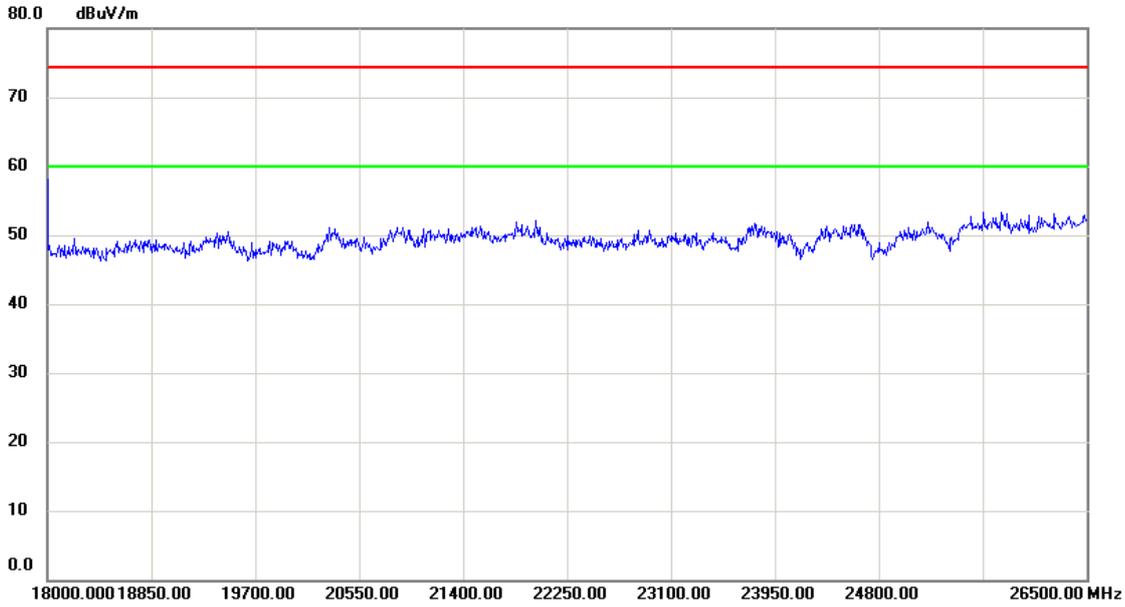
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB Detector	
1	*	39973.0	45.14	17.54	62.68	74.30	-11.62	peak

10.4.1.4 802.11a_ant1; CH=149



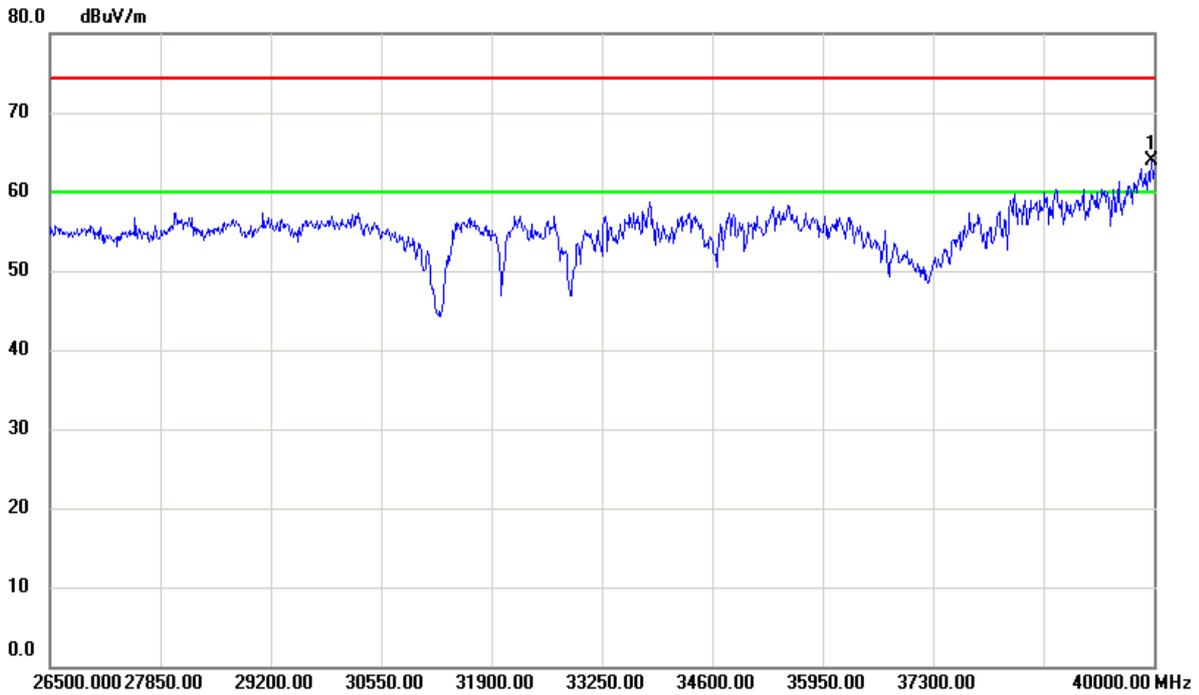
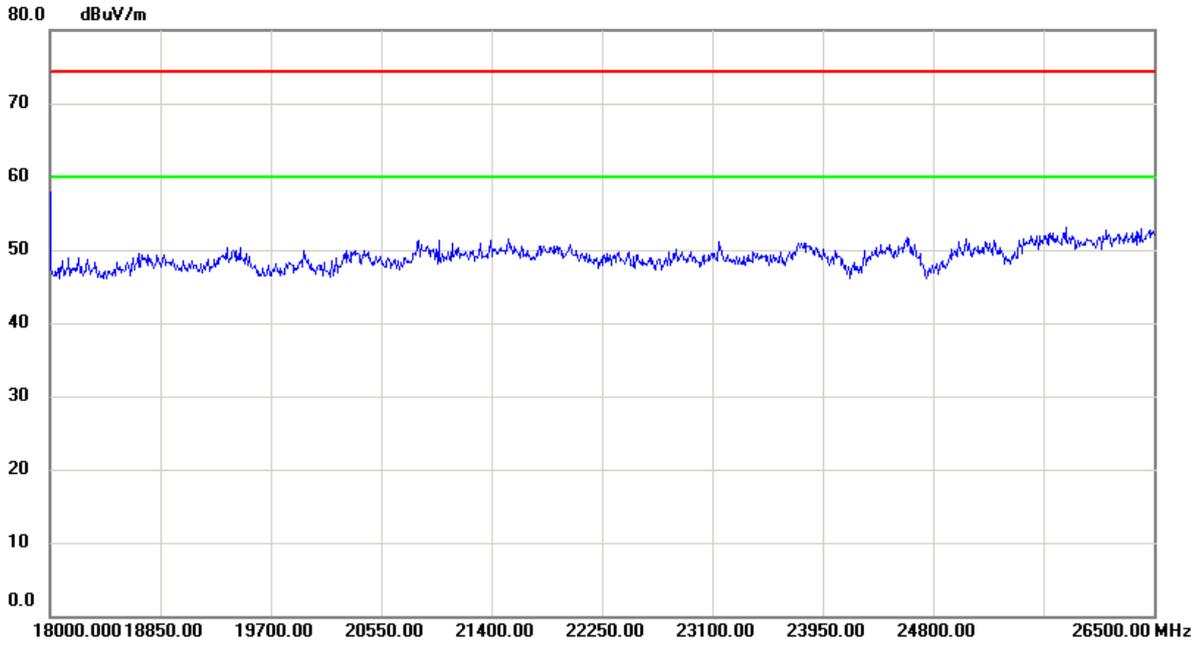
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	
		MHz	dBuV	Factor	ment	dBuV/m	dB	Detector
			dBuV	dB	dBuV/m	dBuV/m	dB	Comment
1	*	39973.0	44.23	17.54	61.77	74.30	-12.53	peak

10.4.1.5 802.11ac_ant1; CH=36



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	39973.0	46.28	17.54	63.82	74.30	-10.48		peak

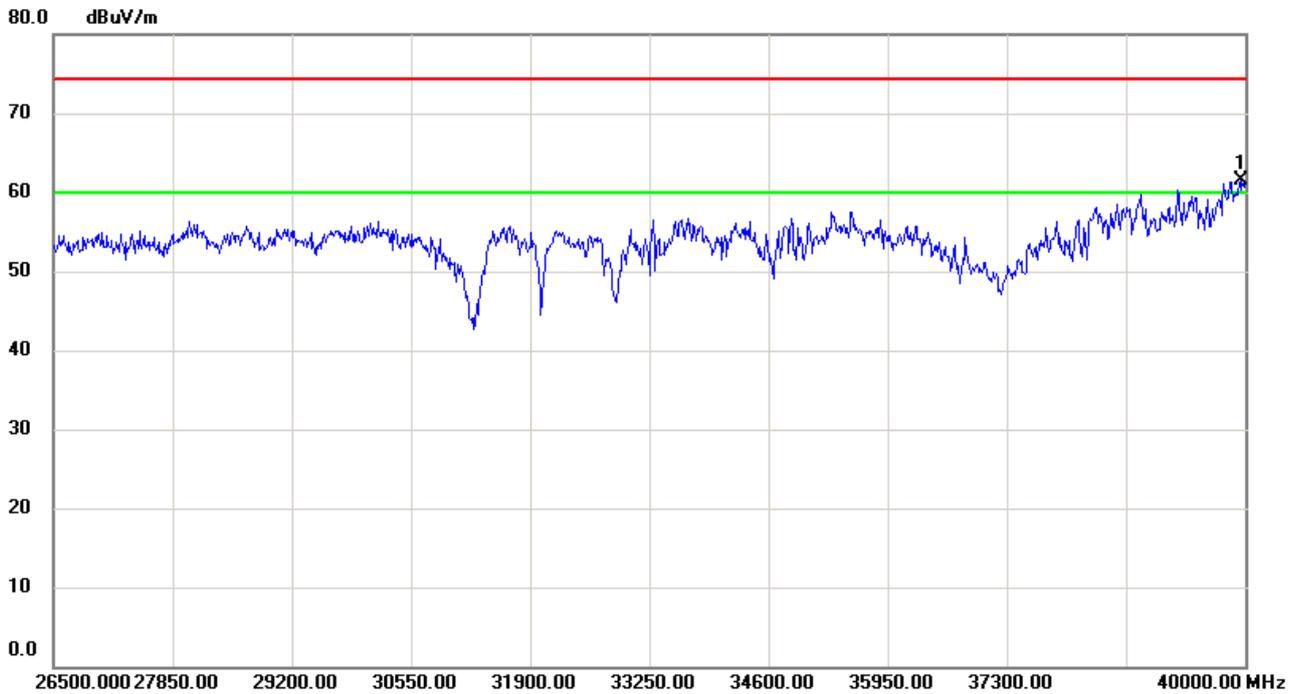
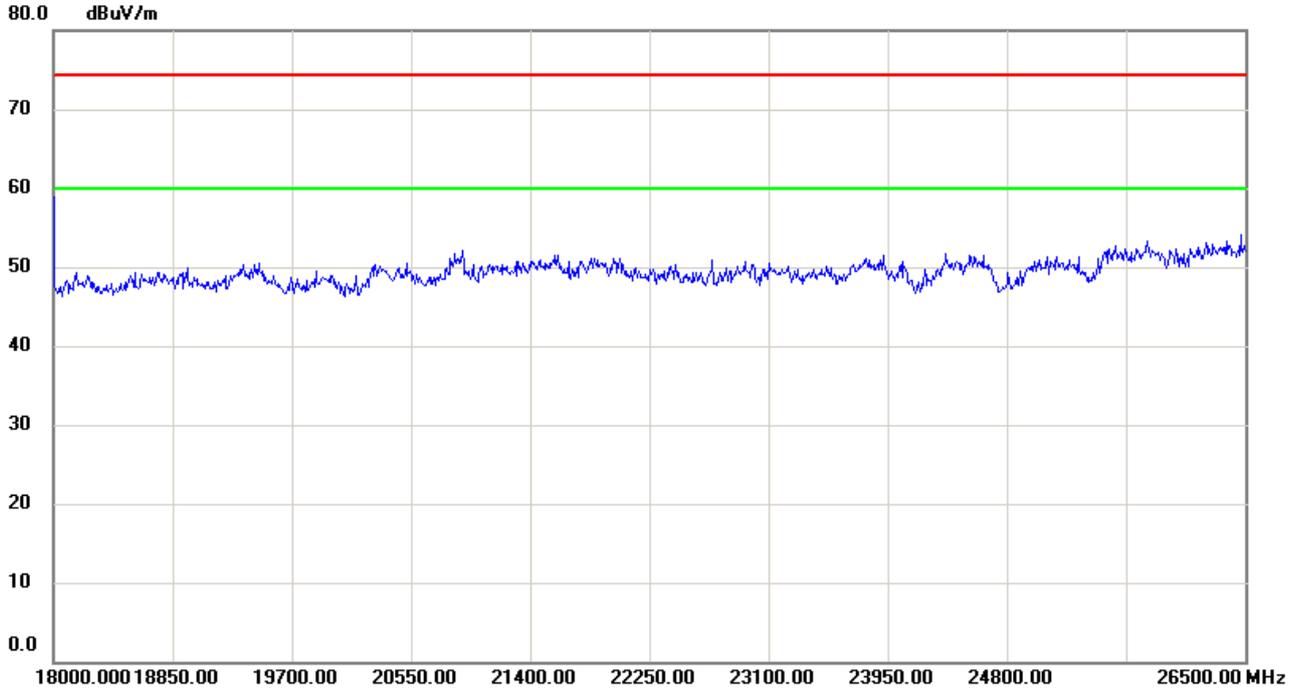
10.4.1.6 802.11ac_ant1; CH=52



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	39973.0	46.28	17.54	63.82	74.30	-10.48		peak

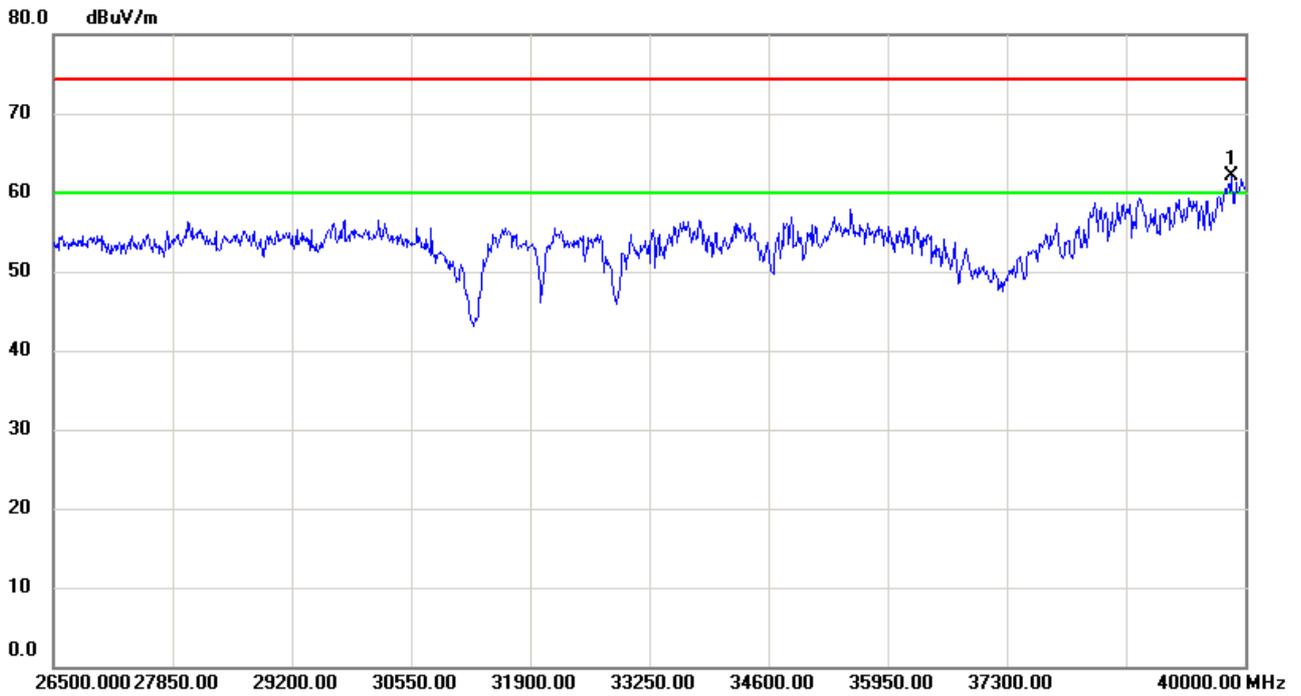
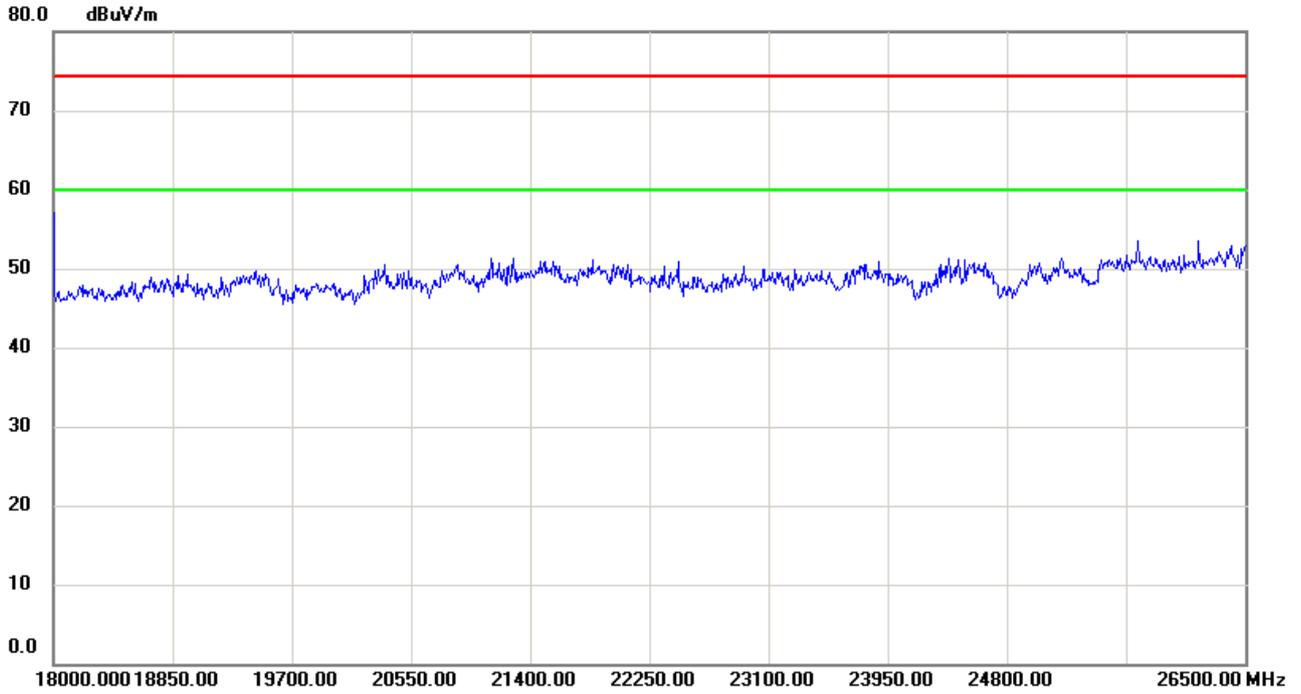


10.4.1.7 802.11ac_ant1; CH=100



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	
		MHz	dBuV	Factor	ment	dBuV/m	dB	Detector
				dB	dBuV/m	dBuV/m	dB	Comment
1	*	39959.5	44.09	17.50	61.59	74.30	-12.71	peak

10.4.1.8 802.11ac_ant1; CH=149

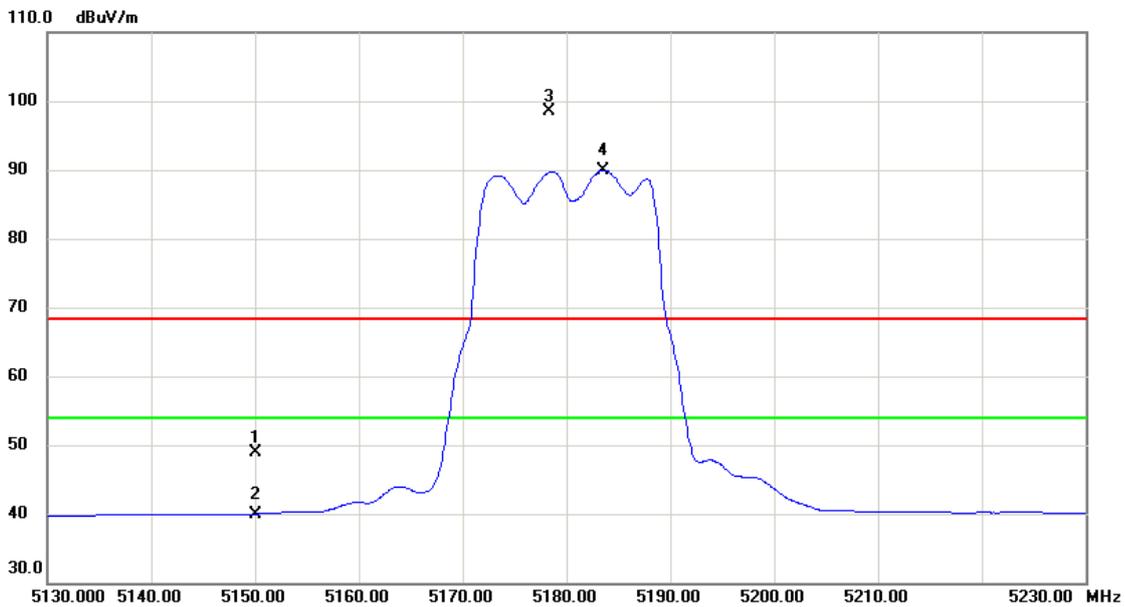


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	*	39838.0	44.91	17.21	62.12	74.30	-12.18		peak

10.5 Part 5: Testing Bandedge

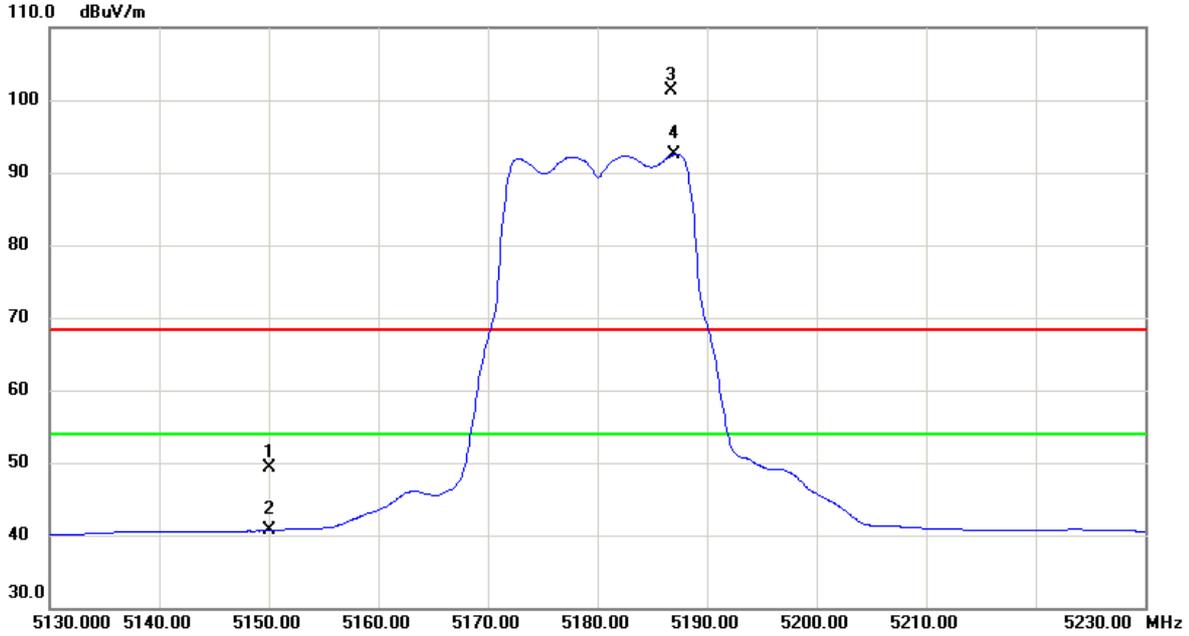
- Note 1: The testing range of “1 GHz to 3 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).
- Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

10.5.1.1 11n20m_CH36_ant1_Bandedge_Mimo



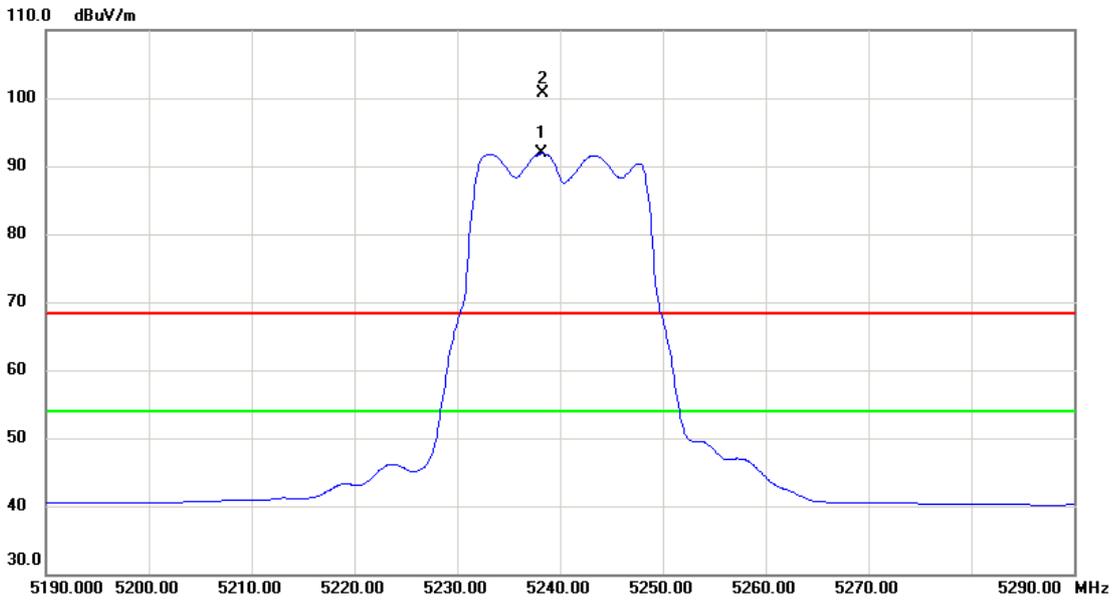
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	8.64	40.22	48.86	68.30	-19.44	peak	
2		5150.000	-0.24	40.22	39.98	54.00	-14.02	AVG	
3	X		58.27	40.28	98.55	68.30	30.25	peak	NO LIMIT
4	*	5183.500	49.69	40.29	89.98	54.00	35.98	AVG	NO LIMIT

10.5.1.2 11n20m_CH36_ant2_Bandedge_Mimo



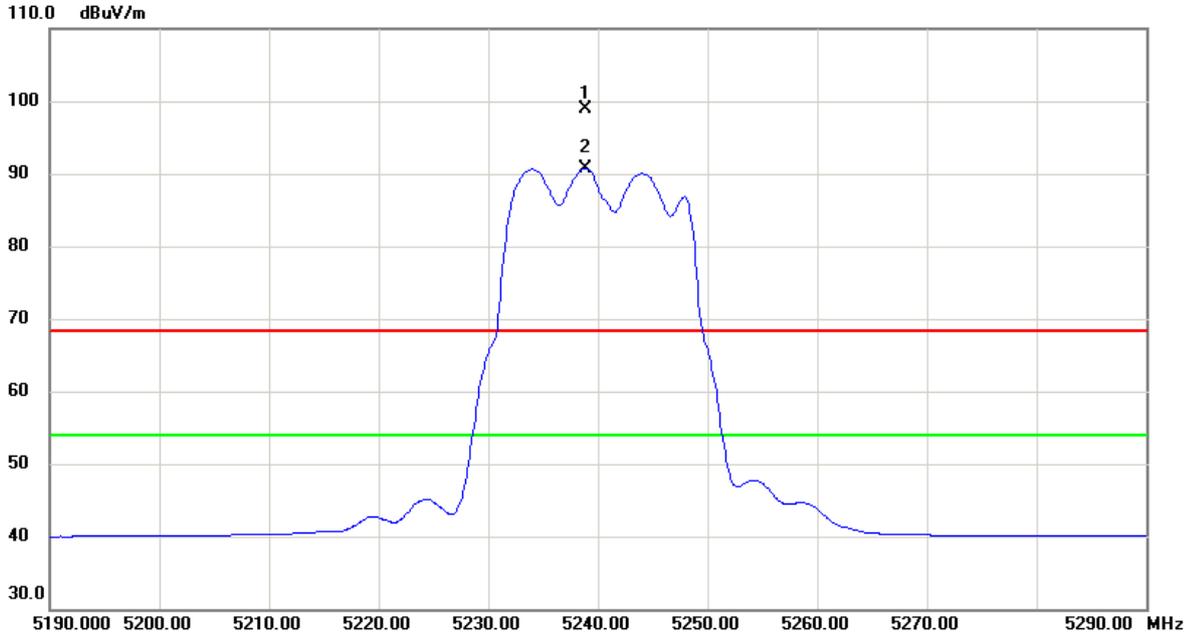
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5150.000	9.10	40.22	49.32	68.30	-18.98	peak	
2		5150.000	0.44	40.22	40.66	54.00	-13.34	AVG	
3	X		60.98	40.30	101.28	68.30	32.98	peak	NO LIMIT
4	*	5187.000	52.15	40.30	92.45	54.00	38.45	AVG	NO LIMIT

10.5.1.3 11n20M_CH48_ant1_Bandedge_Mimo



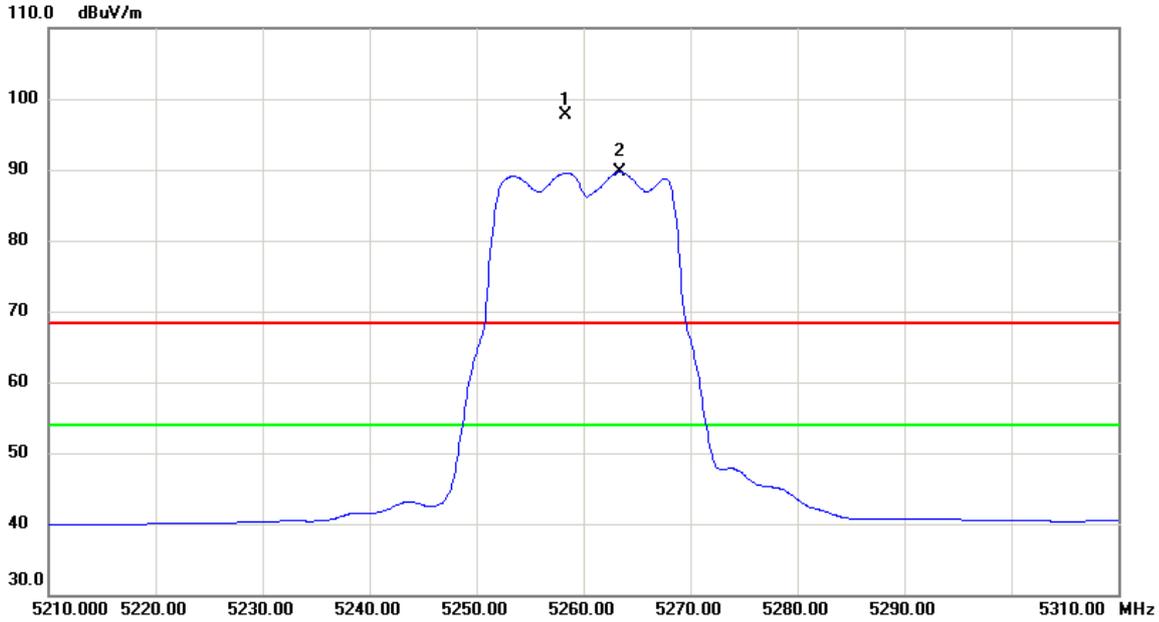
No. Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin		
	MHz	dBuV	Factor	ment	dBuV/m	dB	Detector	Comment
1	5238.20	51.44	40.40	91.84	54.00	37.84	AVG	NO LIMIT
2	X	60.31	40.40	100.71	68.30	32.41	peak	NO LIMIT

10.5.1.4 11n20M_CH48_ant2_Bandedge_Mimo



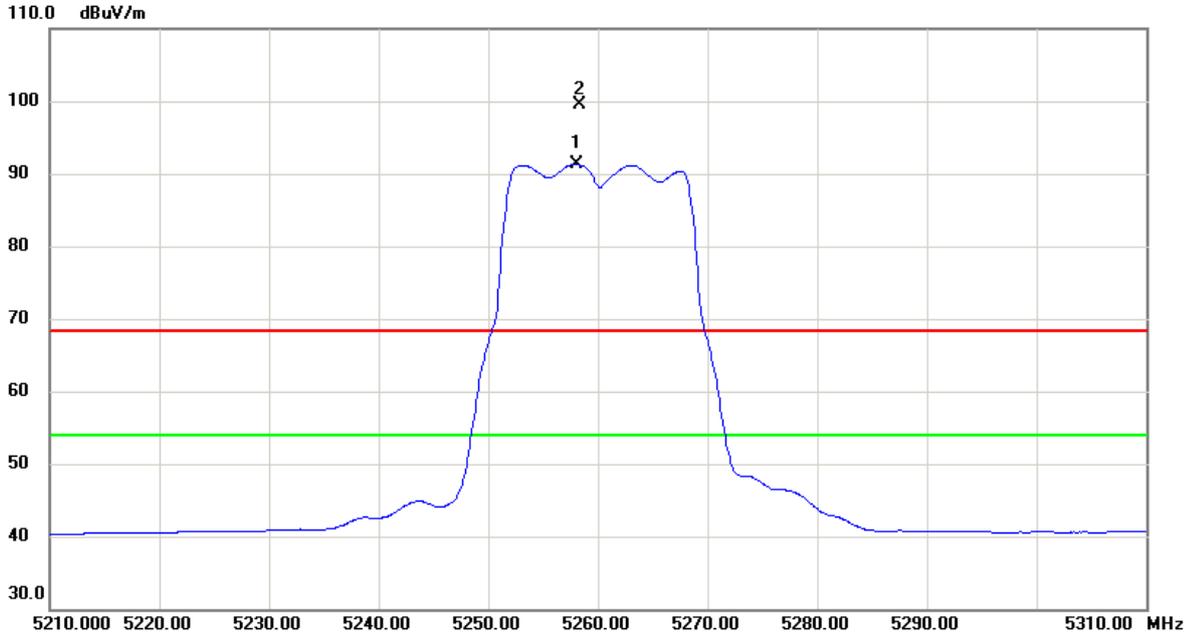
No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	58.56	40.40	98.96	68.30	30.66	peak	NO LIMIT
2	5238.900	50.35	40.40	90.75	54.00	36.75	AVG	NO LIMIT

10.5.1.5 11n20M_CH52_ant1_Bandedge_Mimo



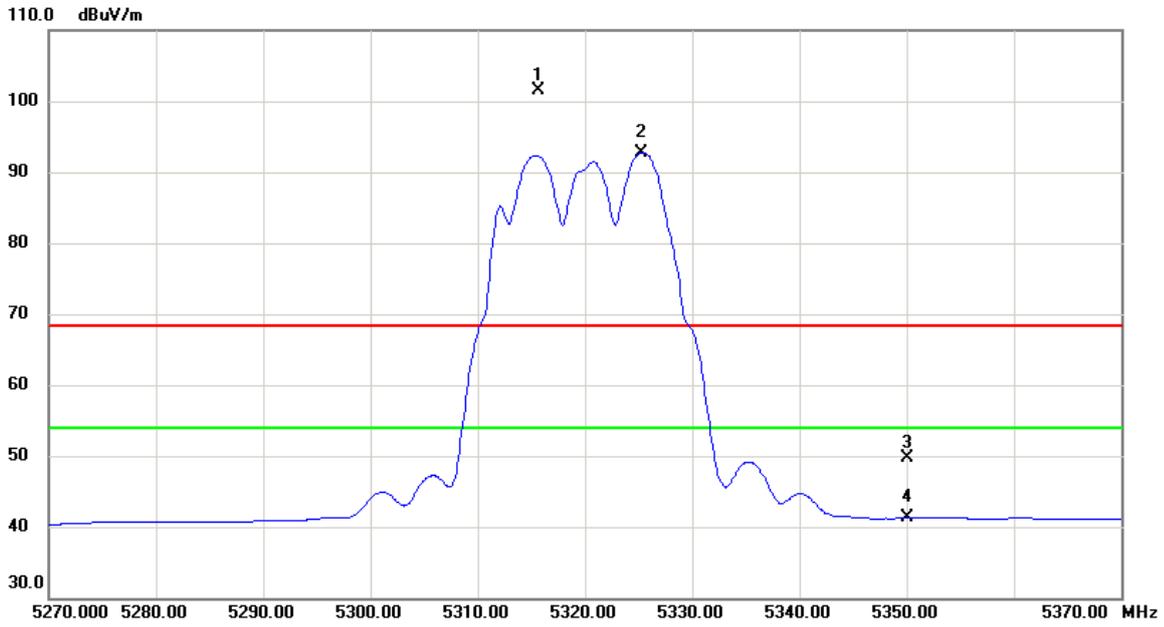
No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	57.24	40.45	97.69	68.30	29.39	peak	NO LIMIT
2	5263.400	49.17	40.46	89.63	54.00	35.63	AVG	NO LIMIT

10.5.1.6 11n20M_CH52_ant2_Bandedge_Mimo



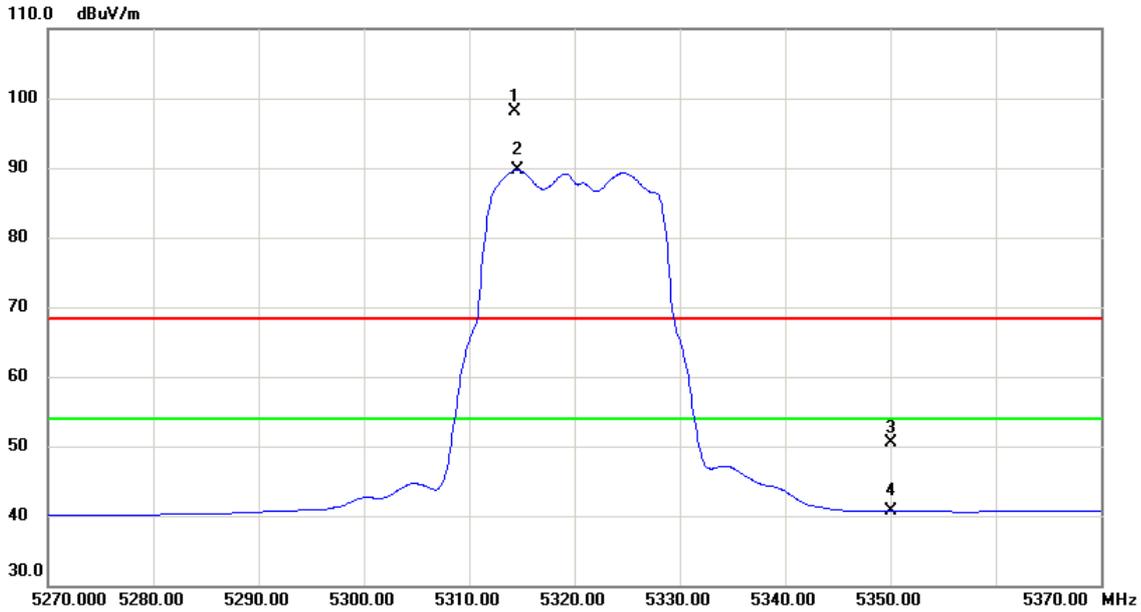
No. Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	* 5258.000	50.85	40.45	91.30	54.00	37.30	AVG	NO LIMIT
2	X	59.01	40.45	99.46	68.30	31.16	peak	NO LIMIT

10.5.1.7 11n20M_CH64_ant1_Bandedge_Mimo



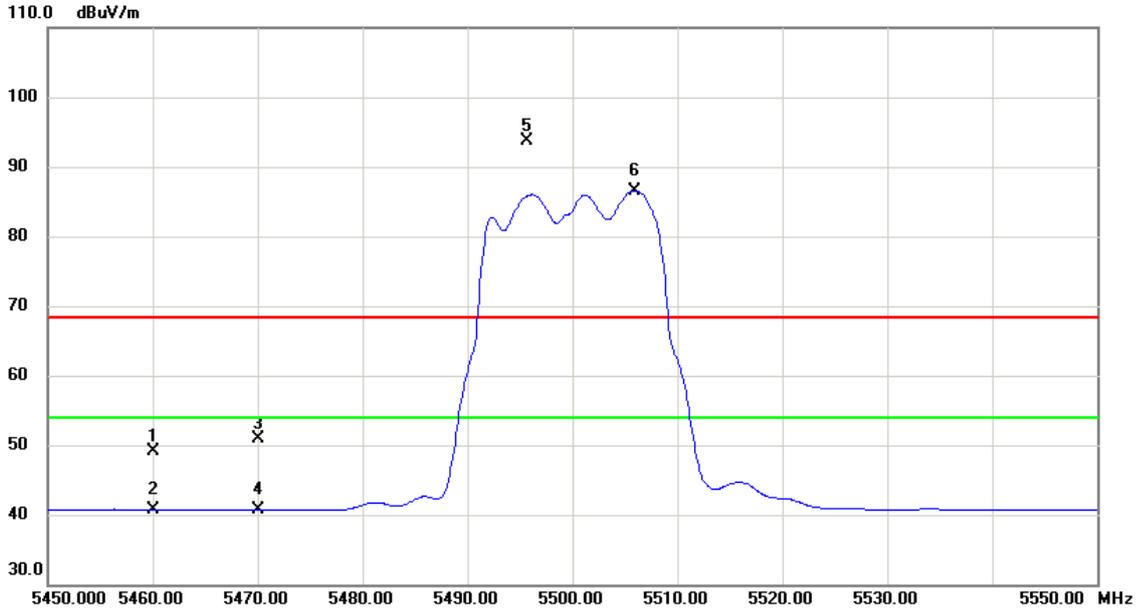
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5315.700	60.96	40.57	101.53	68.30	33.23	peak	NO LIMIT
2	5325.300	52.19	40.59	92.78	54.00	38.78	AVG	NO LIMIT
3	5350.000	9.09	40.64	49.73	68.30	-18.57	peak	
4	5350.000	0.63	40.64	41.27	54.00	-12.73	AVG	

10.5.1.8 11n20M_CH64_ant2_Bandedge_Mimo



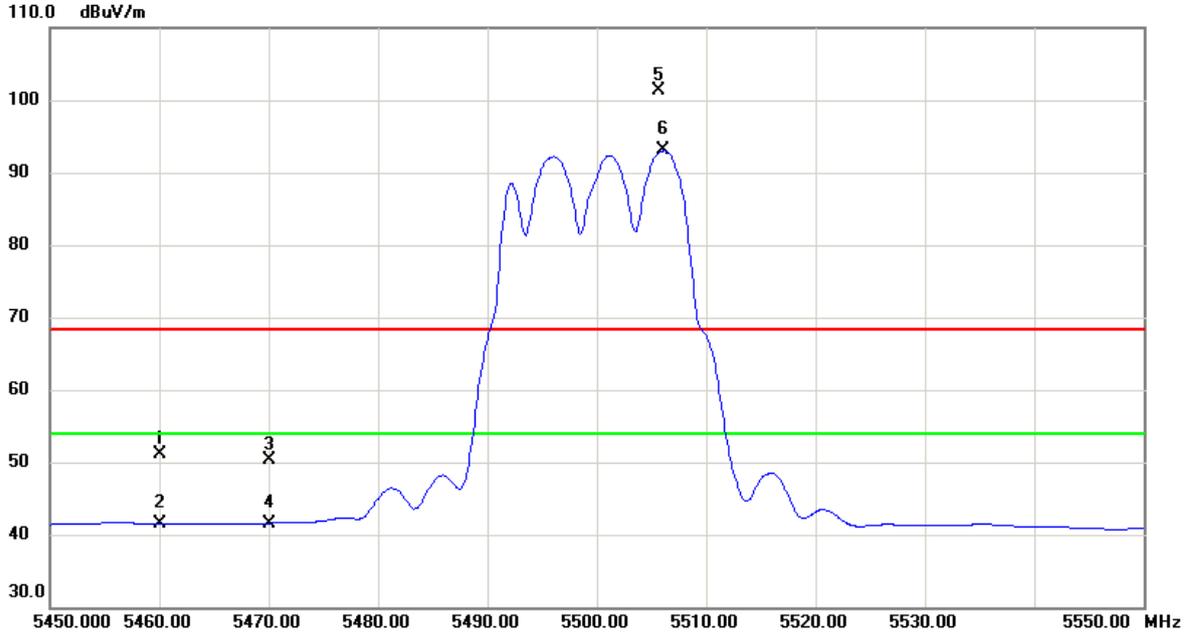
No.	Freq.	Reading	Correct	Measure-	Limit	Margin		
	MHz	Level	Factor	ment	dBuV/m	dB	Detector	Comment
		dBuV	dB	dBuV/m	dBuV/m	dB		
1	5314.300	57.52	40.56	98.08	68.30	29.78	peak	NO LIMIT
2	5314.600	49.10	40.57	89.67	54.00	35.67	AVG	NO LIMIT
3	5350.000	9.81	40.64	50.45	68.30	-17.85	peak	
4	5350.000	0.02	40.64	40.66	54.00	-13.34	AVG	

10.5.1.9 11n20M_CH100_ant1_Bandedge_Mimo



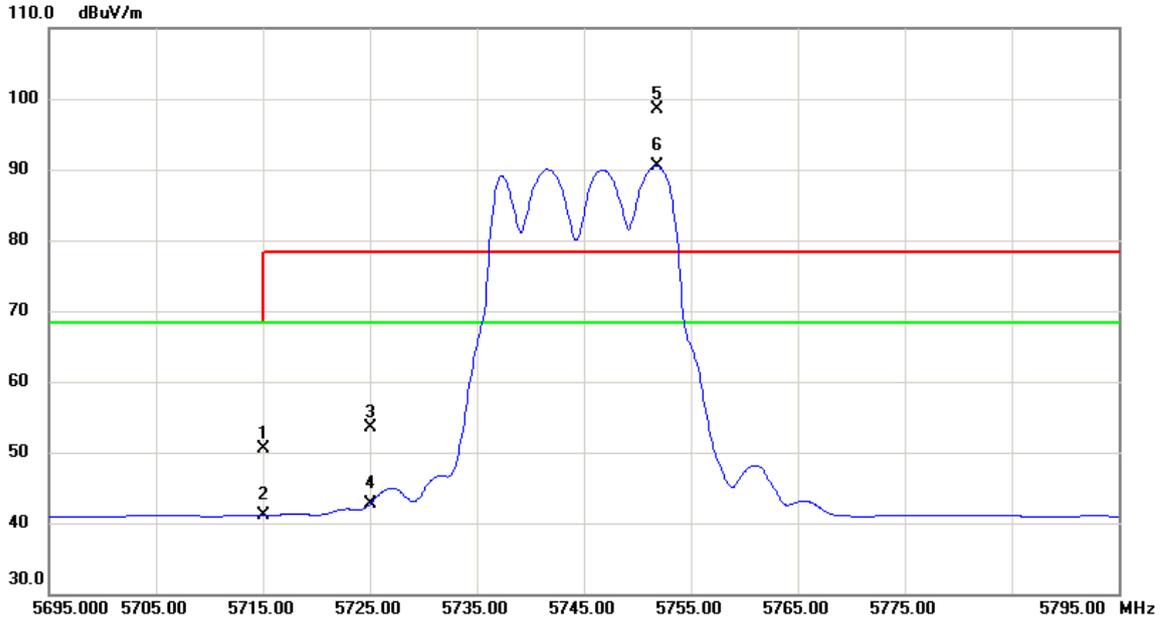
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	8.24	40.87	49.11	68.30	-19.19	peak	
2		5460.000	-0.20	40.87	40.67	54.00	-13.33	AVG	
3		5470.000	10.08	40.90	50.98	68.30	-17.32	peak	
4		5470.000	-0.22	40.90	40.68	54.00	-13.32	AVG	
5	X		52.82	40.95	93.77	68.30	25.47	peak	NO LIMIT
6	*	5505.900	45.60	40.97	86.57	54.00	32.57	AVG	NO LIMIT

10.5.1.1011n20M_CH100_ant2_Bandedge_Mimo



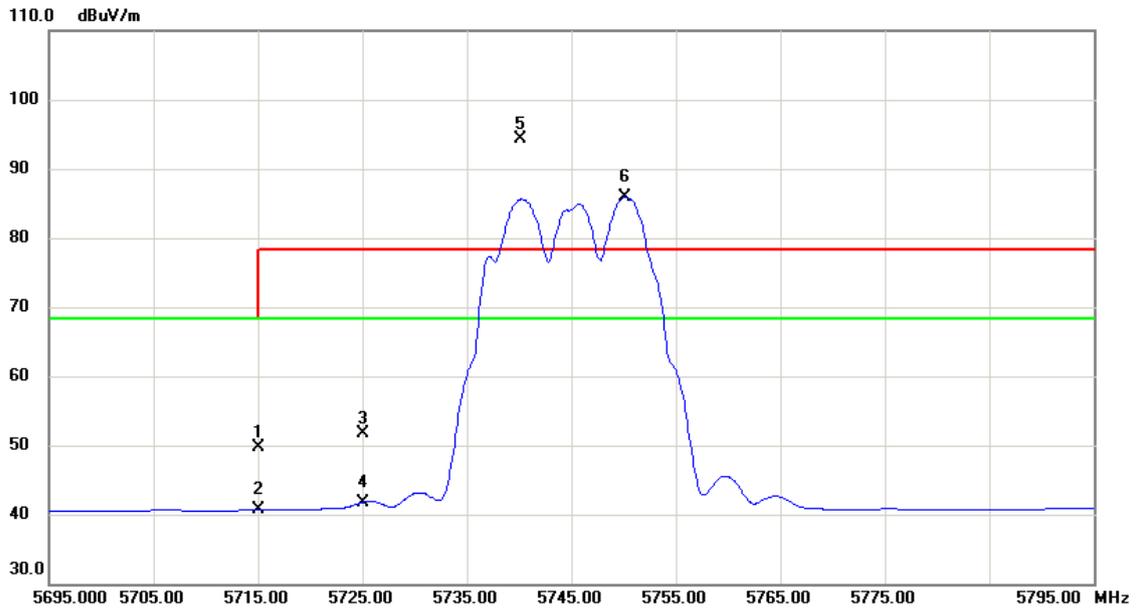
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5460.000	10.18	40.87	51.05	68.30	-17.25	peak	
2		5460.000	0.63	40.87	41.50	54.00	-12.50	AVG	
3		5470.000	9.33	40.90	50.23	68.30	-18.07	peak	
4		5470.000	0.67	40.90	41.57	54.00	-12.43	AVG	
5	X		60.26	40.97	101.23	68.30	32.93	peak	NO LIMIT
6	*	5506.100	52.04	40.97	93.01	54.00	39.01	AVG	NO LIMIT

10.5.1.1111n20M_CH149_ant1_Bandedge_Mimo



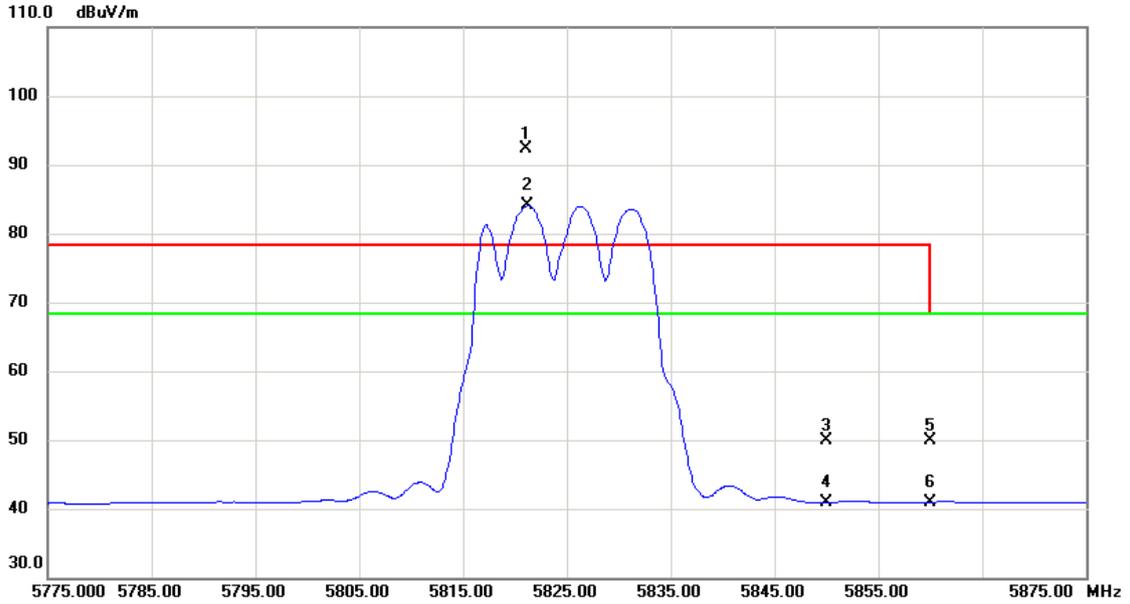
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		5715.000	9.18	41.25	50.43	68.30	-17.87	peak	
2		5715.000	-0.12	41.25	41.13	68.30	-27.17	AVG	
3		5725.000	12.33	41.27	53.60	78.30	-24.70	peak	
4		5725.000	1.43	41.27	42.70	68.30	-25.60	AVG	
5	X		57.16	41.30	98.46	78.30	20.16	peak	NO LIMIT
6	*	5751.800	49.22	41.30	90.52	68.30	22.22	AVG	NO LIMIT

10.5.1.1211n20M_CH149_ant2_Bandedge_Mimo



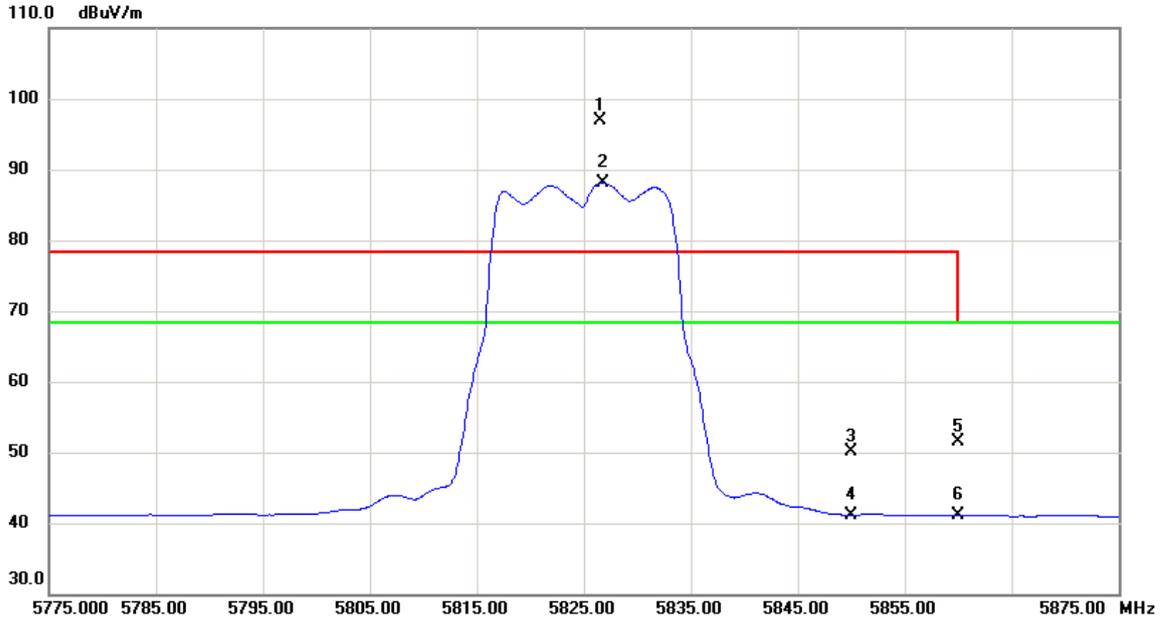
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5715.000	8.48	41.25	49.73	68.30	-18.57	peak	
2	5715.000	-0.56	41.25	40.69	68.30	-27.61	AVG	
3	5725.000	10.37	41.27	51.64	78.30	-26.66	peak	
4	5725.000	0.53	41.27	41.80	68.30	-26.50	AVG	
5	X	53.03	41.28	94.31	78.30	16.01	peak	NO LIMIT
6	* 5750.200	44.61	41.30	85.91	68.30	17.61	AVG	NO LIMIT

10.5.1.1311n20M_CH165_ant1_Bandedge_Mimo



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5821.100	50.98	41.39	92.37	78.30	14.07	peak	NO LIMIT
2	5821.200	42.64	41.39	84.03	68.30	15.73	AVG	NO LIMIT
3	5850.000	8.52	41.44	49.96	78.30	-28.34	peak	
4	5850.000	-0.46	41.44	40.98	68.30	-27.32	AVG	
5	5860.000	8.42	41.45	49.87	68.30	-18.43	peak	
6	5860.000	-0.46	41.45	40.99	68.30	-27.31	AVG	

10.5.1.1411n20M_CH165_ant2_Bandedge_Mimo



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5826.500	55.50	41.40	96.90	78.30	18.60	peak	NO LIMIT
2	5826.800	46.69	41.40	88.09	68.30	19.79	AVG	NO LIMIT
3	5850.000	8.68	41.44	50.12	78.30	-28.18	peak	
4	5850.000	-0.28	41.44	41.16	68.30	-27.14	AVG	
5	5860.000	10.03	41.45	51.48	68.30	-16.82	peak	
6	5860.000	-0.35	41.45	41.10	68.30	-27.20	AVG	



Appendix H: AC Power Line Conducted Emissions

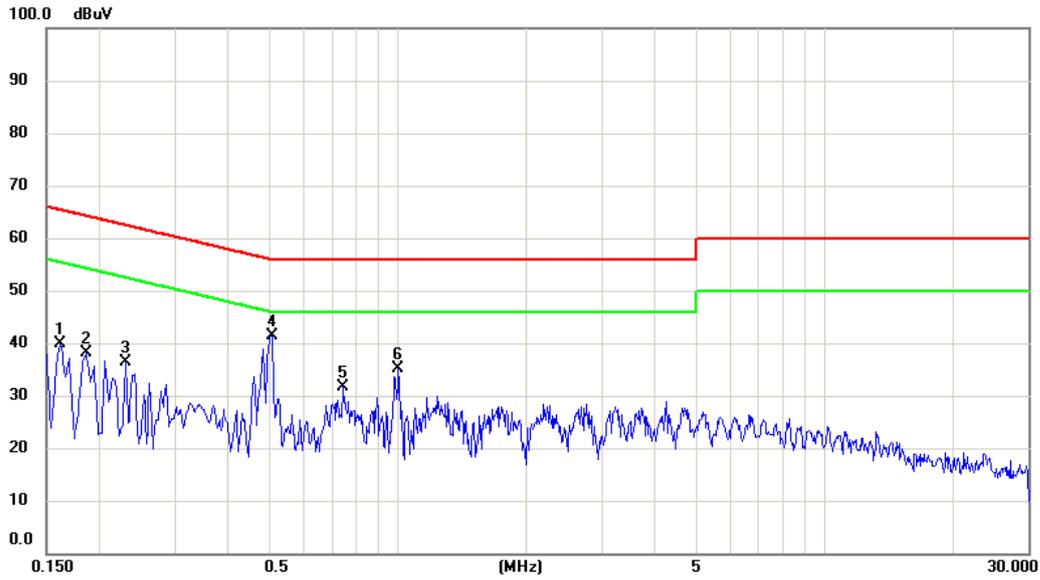


Result Table

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

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

Result Plot



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1620	30.37	9.55	39.92	65.36	-25.44	peak	
2		0.1860	28.61	9.57	38.18	64.21	-26.03	peak	
3		0.2300	26.70	9.59	36.29	62.45	-26.16	peak	
4	*	0.5060	31.62	9.68	41.30	56.00	-14.70	peak	
5		0.7420	21.83	9.74	31.57	56.00	-24.43	peak	
6		1.0020	25.27	9.80	35.07	56.00	-20.93	peak	

END