



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	20.34	PASS
	36	5180	ANT 2	20.34	PASS
	36	5180	ANT 3	20.38	PASS
	48	5240	ANT 1	20.38	PASS
	48	5240	ANT 2	20.32	PASS
	48	5240	ANT 3	20.38	PASS
11N20	36	5180	ANT 1	20.98	PASS
	36	5180	ANT 2	20.88	PASS
	36	5180	ANT 3	21.02	PASS
	48	5240	ANT 1	20.9	PASS
	48	5240	ANT 2	20.98	PASS
	48	5240	ANT 3	21.02	PASS
11N20MIMO	36	5180	ANT 1	20.84	PASS
	36	5180	ANT 2	20.48	PASS
	36	5180	ANT 3	20.86	PASS
	48	5240	ANT 1	20.82	PASS
	48	5240	ANT 2	20.6	PASS
	48	5240	ANT 3	20.62	PASS
11N40	38	5190	ANT 1	40.44	PASS
	38	5190	ANT 2	40.3	PASS
	38	5190	ANT 3	40.34	PASS
	46	5230	ANT 1	40.08	PASS
	46	5230	ANT 2	40.32	PASS
	46	5230	ANT 3	40.18	PASS
11N40MIMO	38	5190	ANT 1	40.1	PASS
	38	5190	ANT 2	39.48	PASS
	38	5190	ANT 3	40	PASS
	46	5230	ANT 1	40.22	PASS
	46	5230	ANT 2	39.46	PASS
	46	5230	ANT 3	40.04	PASS
11AC20	36	5180	ANT 1	20.9	PASS
	36	5180	ANT 2	20.88	PASS
	36	5180	ANT 3	21.18	PASS
	48	5240	ANT 1	20.9	PASS
	48	5240	ANT 2	20.88	PASS

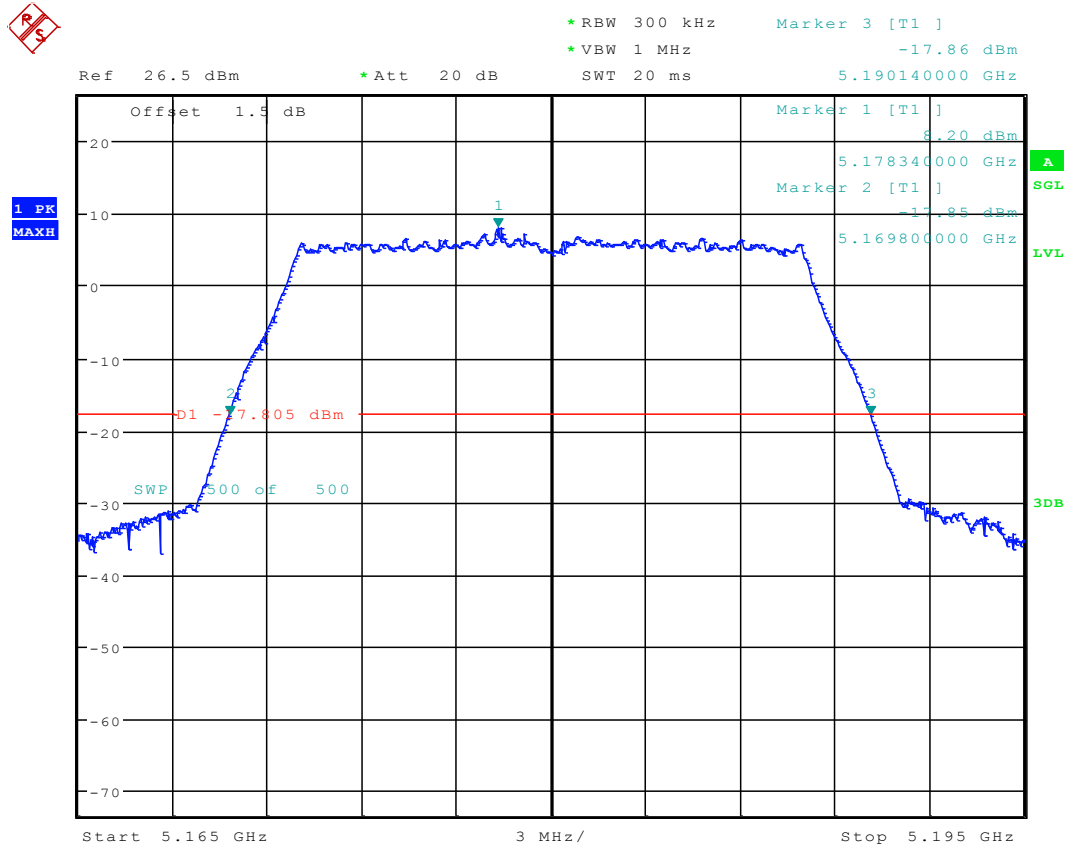


	48	5240	ANT 3	20.82	PASS
11AC20MIMO	36	5180	ANT 1	20.86	PASS
	36	5180	ANT 2	20.46	PASS
	36	5180	ANT 3	20.88	PASS
	48	5240	ANT 1	21	PASS
	48	5240	ANT 2	20.5	PASS
	48	5240	ANT 3	20.66	PASS
11AC40	38	5190	ANT 1	40.3	PASS
	38	5190	ANT 2	40.32	PASS
	38	5190	ANT 3	40.32	PASS
	46	5230	ANT 1	40.34	PASS
	46	5230	ANT 2	40.34	PASS
	46	5230	ANT3	40.3	PASS
11AC40MIMO	38	5190	ANT 1	40.34	PASS
	38	5190	ANT 2	39.72	PASS
	38	5190	ANT 3	39.82	PASS
	46	5230	ANT 1	40.14	PASS
	46	5230	ANT 2	39.7	PASS
	46	5230	ANT3	39.72	PASS
11AC80	42	5210	ANT 1	83.04	PASS
	42	5210	ANT 2	82.9	PASS
	42	5210	ANT 3	82.93	PASS
11AC80MIMO	42	5210	ANT 1	83.09	PASS
	42	5210	ANT 2	82.45	PASS
	42	5210	ANT 3	82.35	PASS



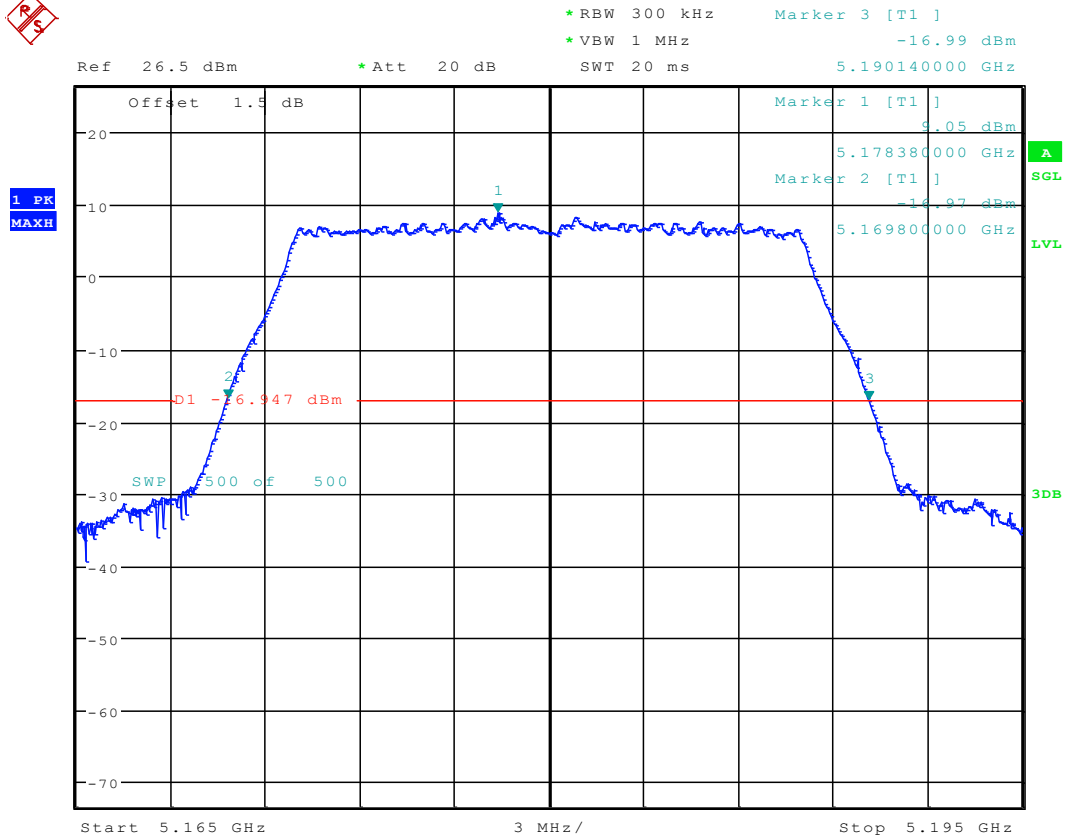
2 Test Plot for 26dB Emission Bandwidth

2.1 11A20_36 ANT 1



Date: 8.FEB.2017 16:50:31

2.2 11A20_36 ANT 2



Date: 9.FEB.2017 14:51:10

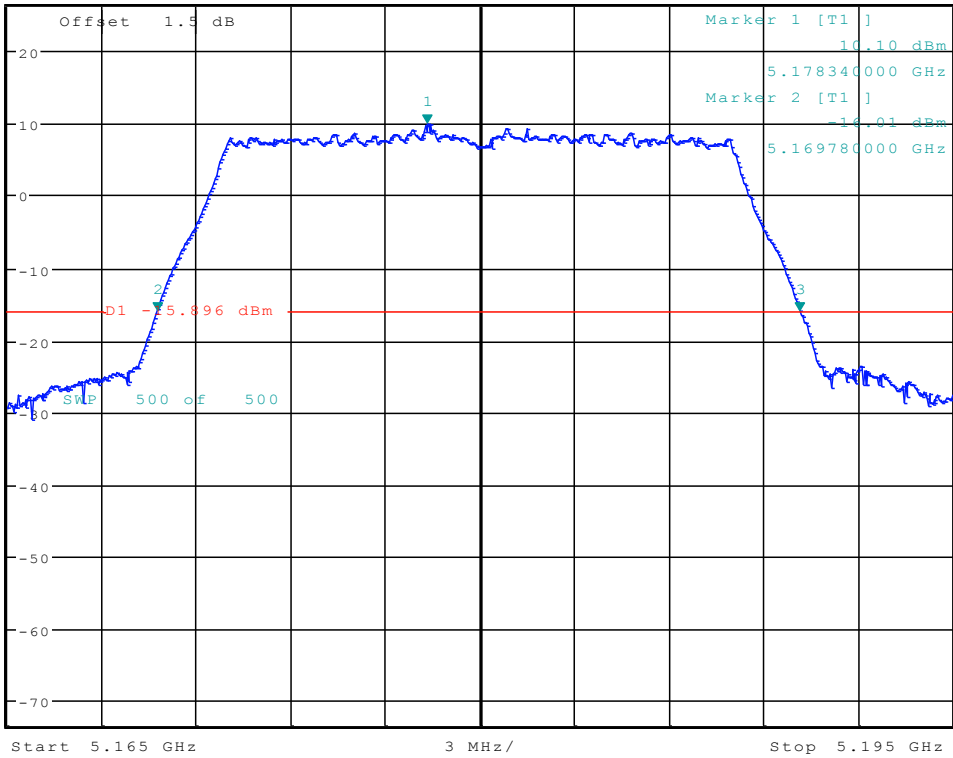
2.3 11A20_36 ANT 3



*RBW 300 kHz Marker 3 [T1]
 *VBW 1 MHz -16.00 dBm
 SWT 20 ms 5.190160000 GHz

Ref 26.5 dBm *Att 20 dB

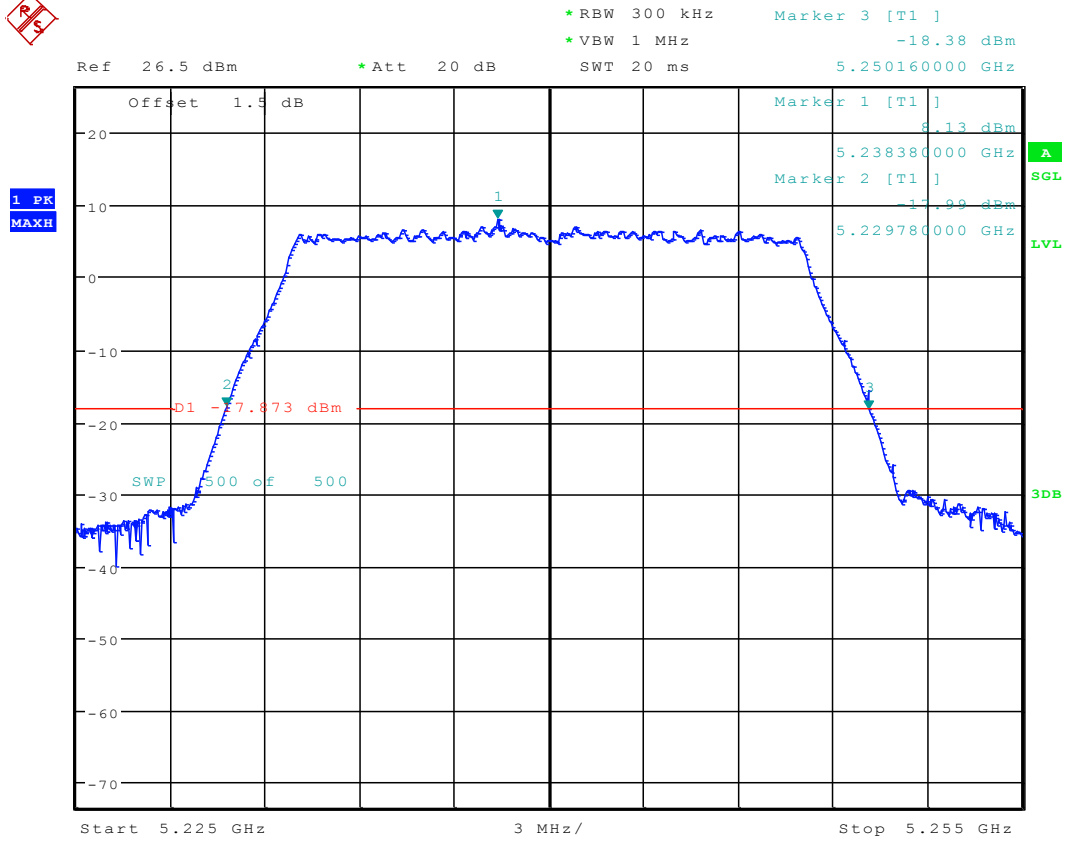
1 PK
MAXH



Date: 9.FEB.2017 18:18:05

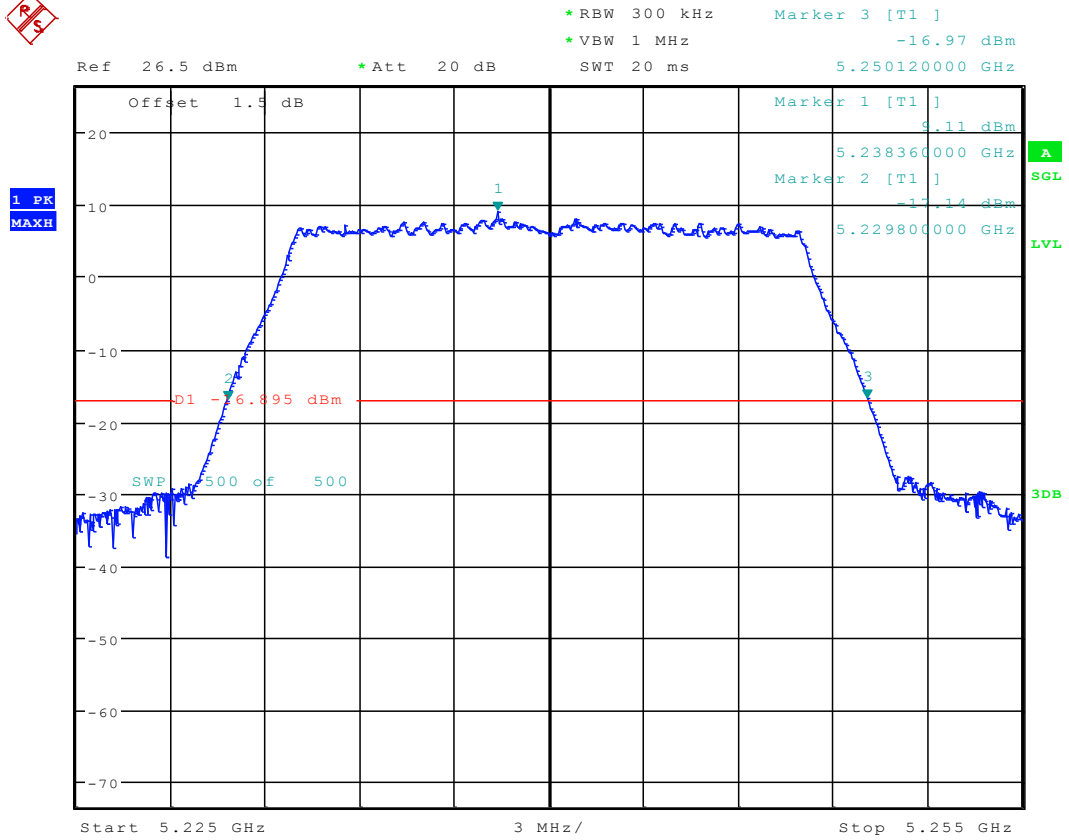


2.4 11A20_48 ANT 1



Date: 8.FEB.2017 17:09:39

2.5 11A20_48 ANT 2



Date: 9.FEB.2017 15:22:34

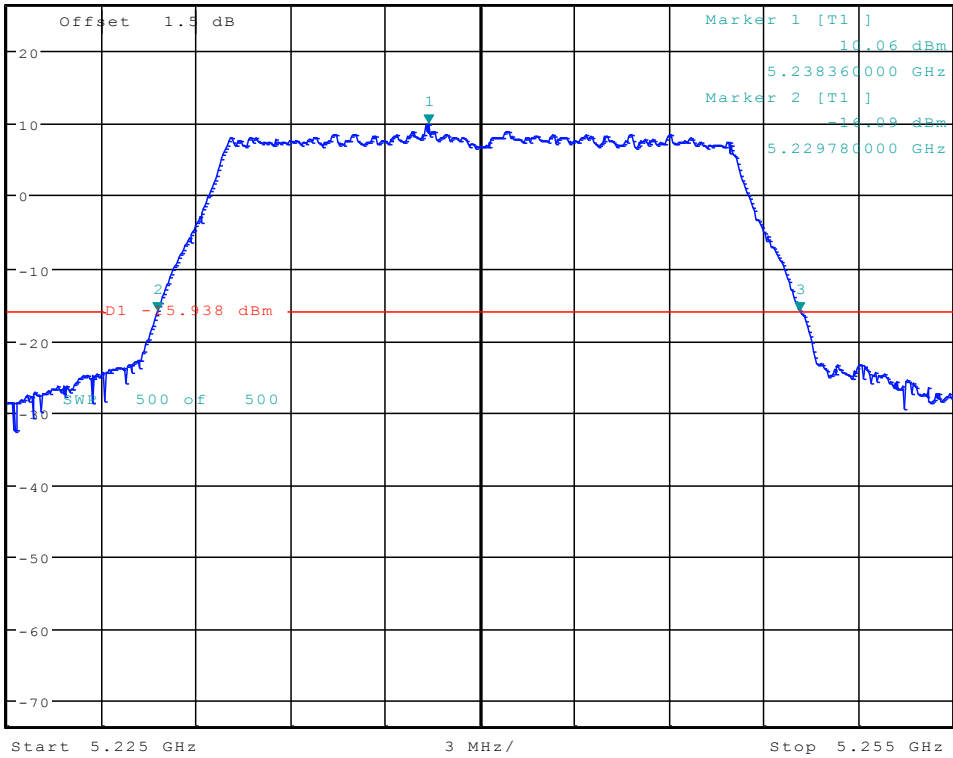
2.6 11A20_48 ANT 3



*RBW 300 kHz Marker 3 [T1]
 *VBW 1 MHz -15.99 dBm
 SWT 20 ms 5.250160000 GHz

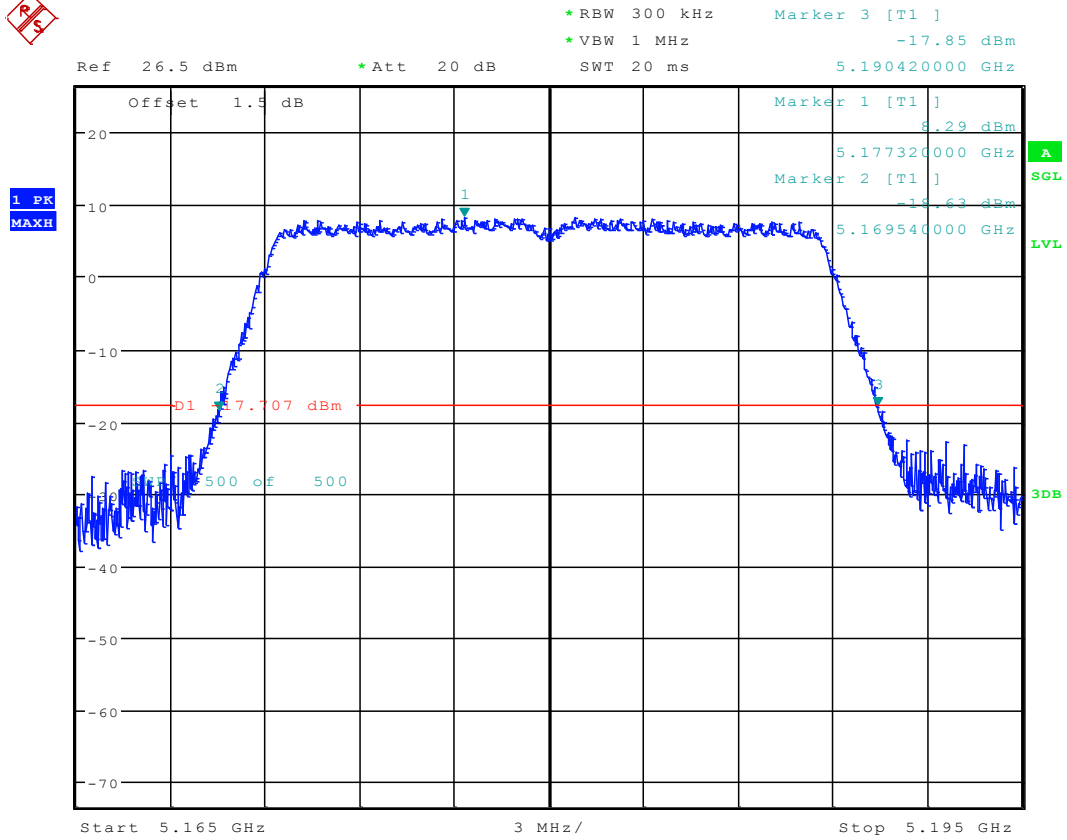
Ref 26.5 dBm *Att 20 dB

1 PK
MAXH



Date: 9.FEB.2017 18:23:31

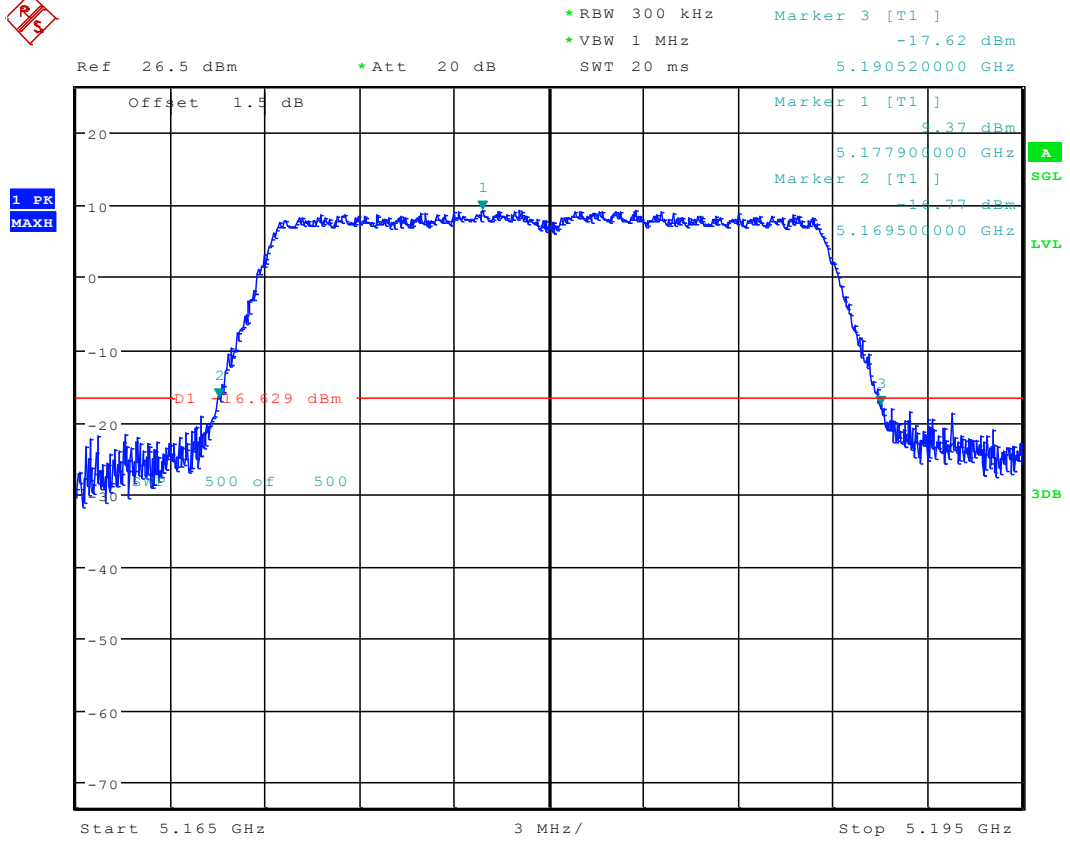
2.8 11N20_36 ANT 2



Date: 9.FEB.2017 15:35:39

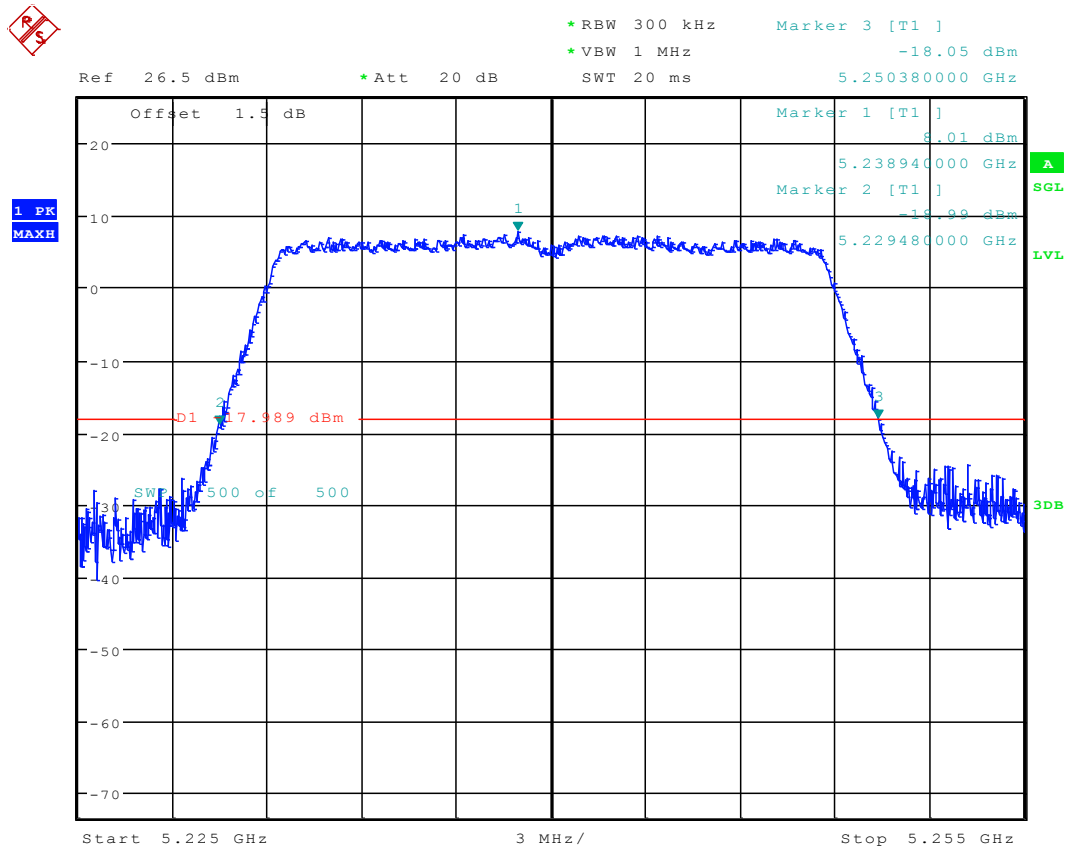


2.9 11N20_36 ANT 3



Date: 9.FEB.2017 18:32:29

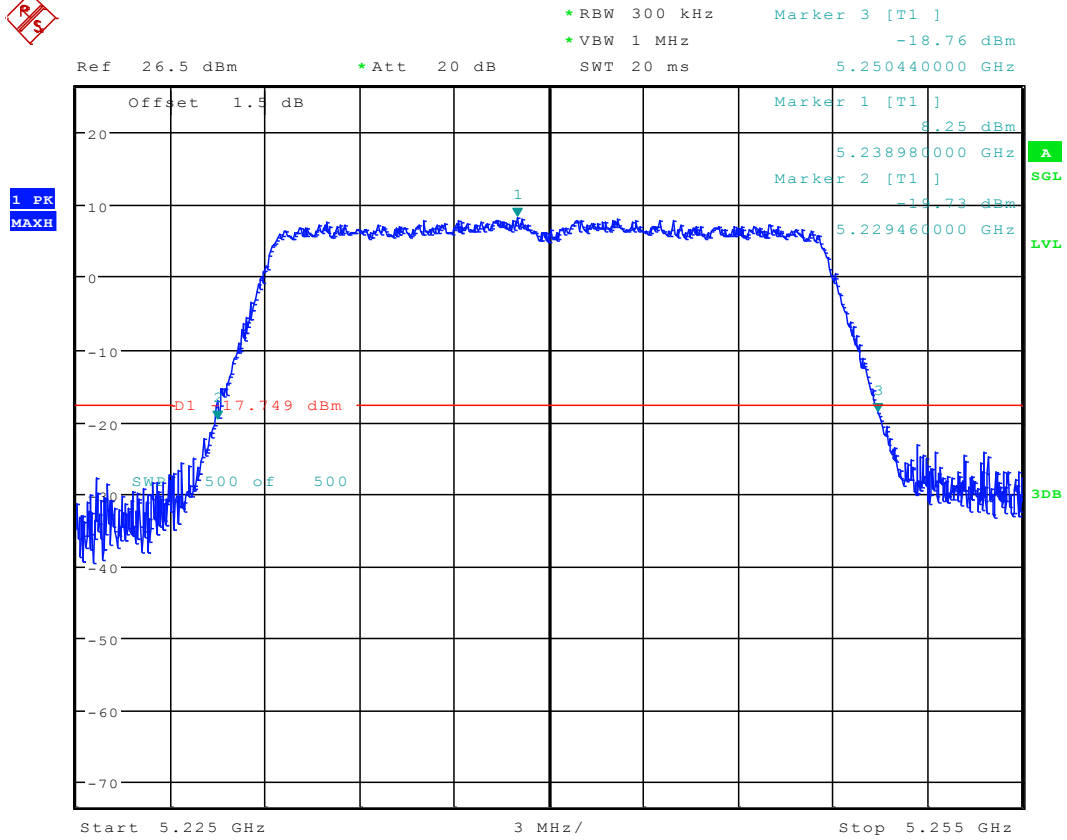
2.10 11N20_48 ANT 1



Date: 8.FEB.2017 18:30:07

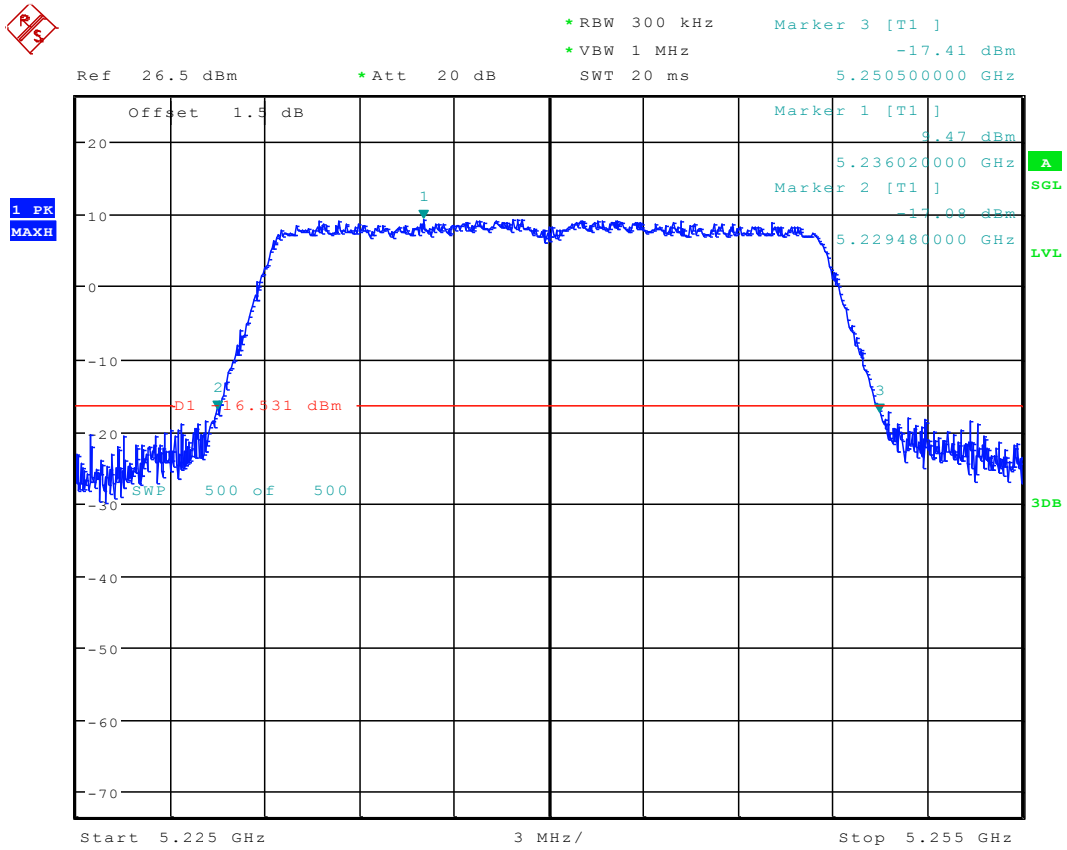


2.11 11N20_48 ANT 2



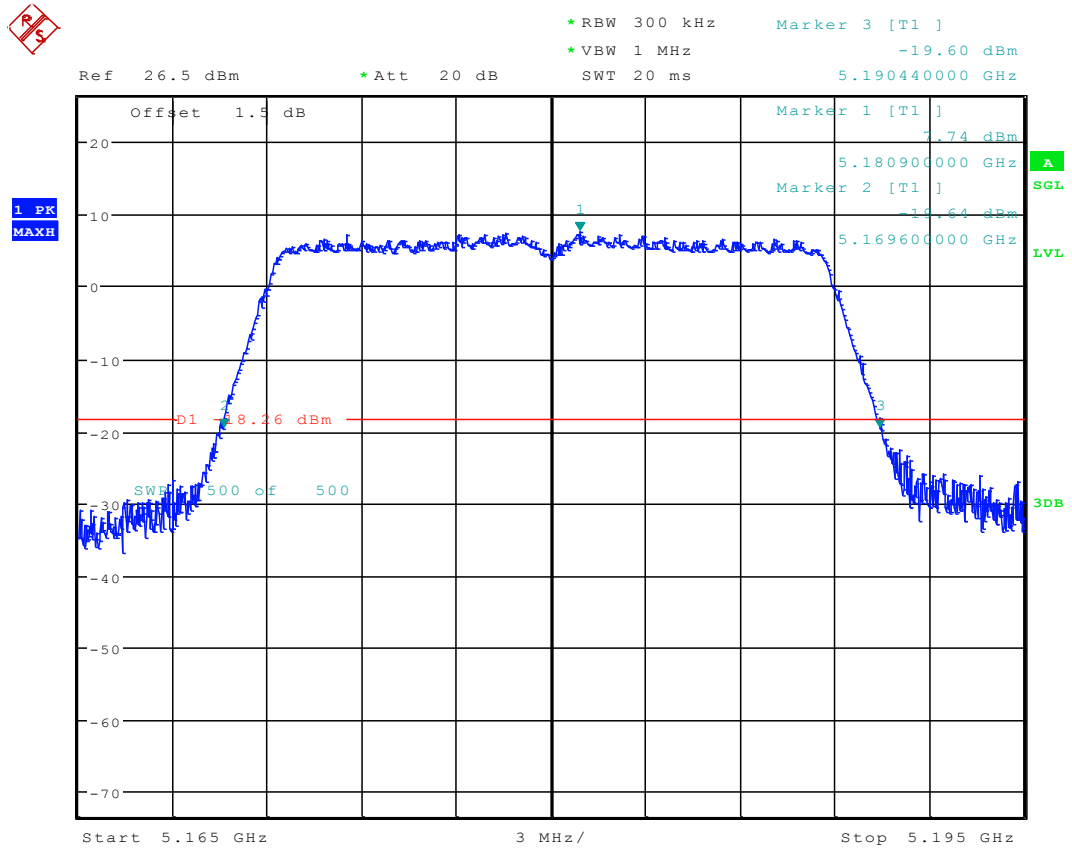
Date: 9.FEB.2017 15:46:26

2.12 11N20_48 ANT 3



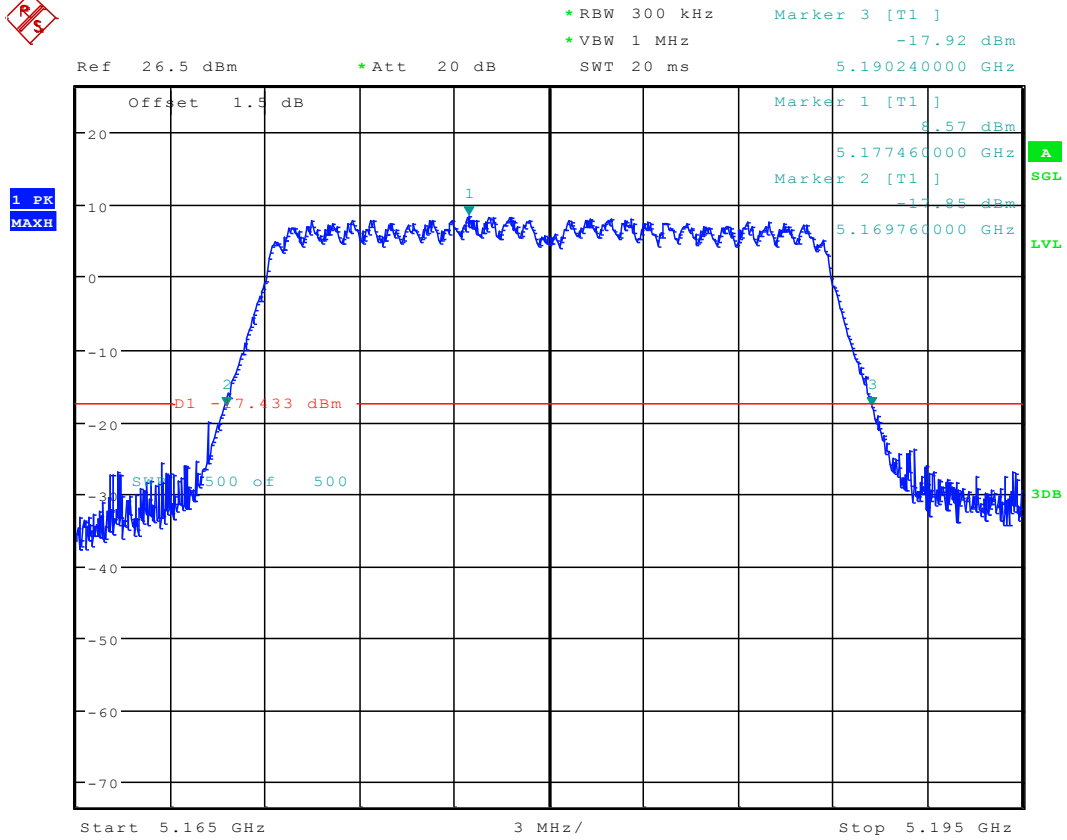
Date: 9.FEB.2017 18:42:01

2.13 11N20MIMO_36 ANT 1



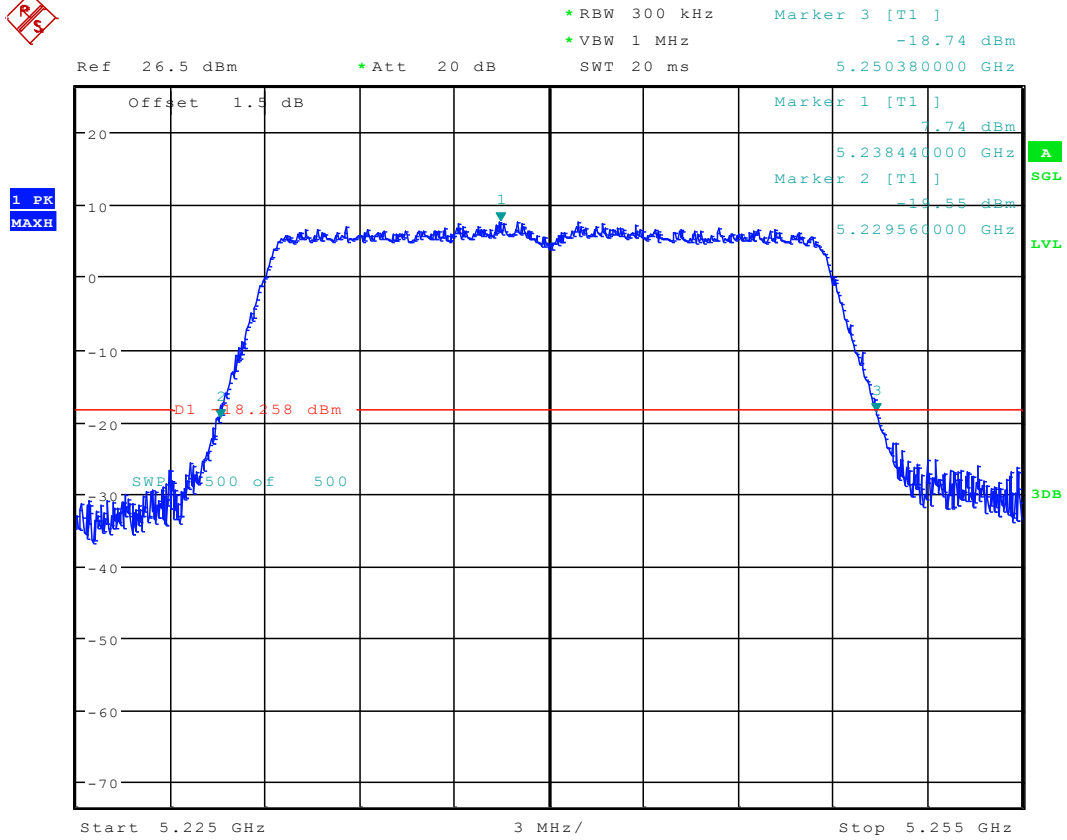
Date: 11.FEB.2017 18:32:07

2.14 11N20MIMO_36 ANT 2



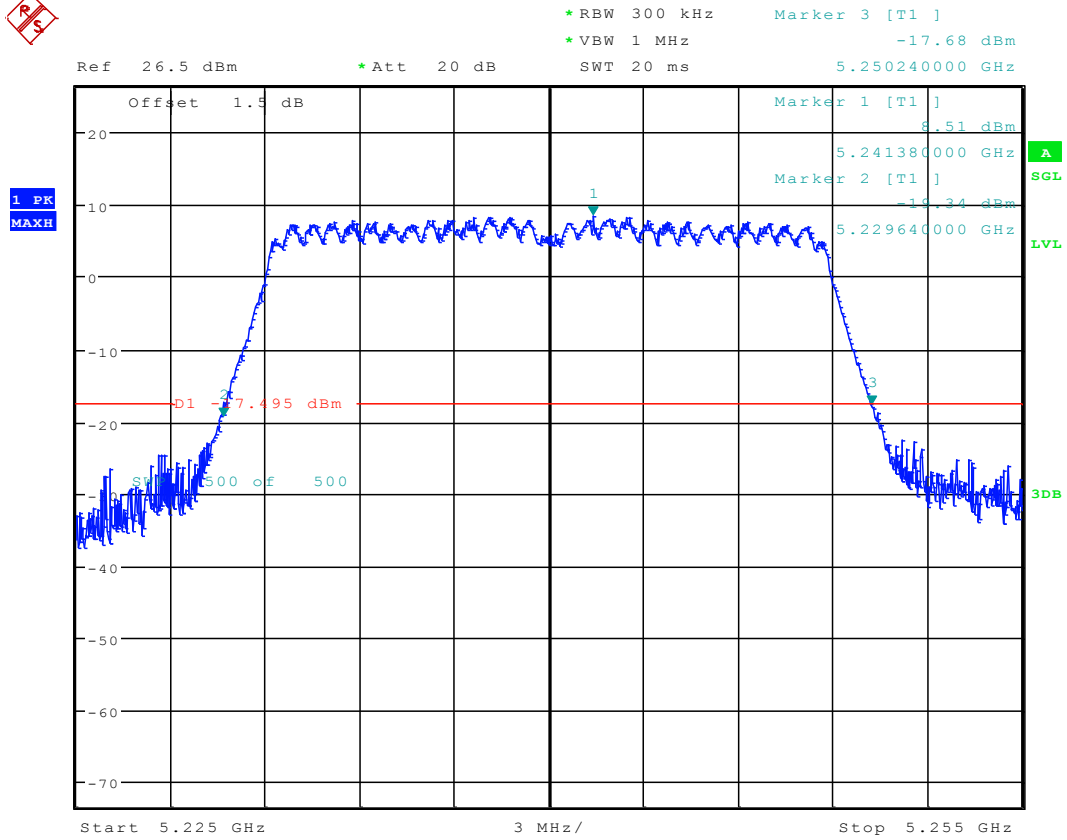
Date: 11.FEB.2017 17:24:04

2.16 11N20MIMO_48 ANT 1



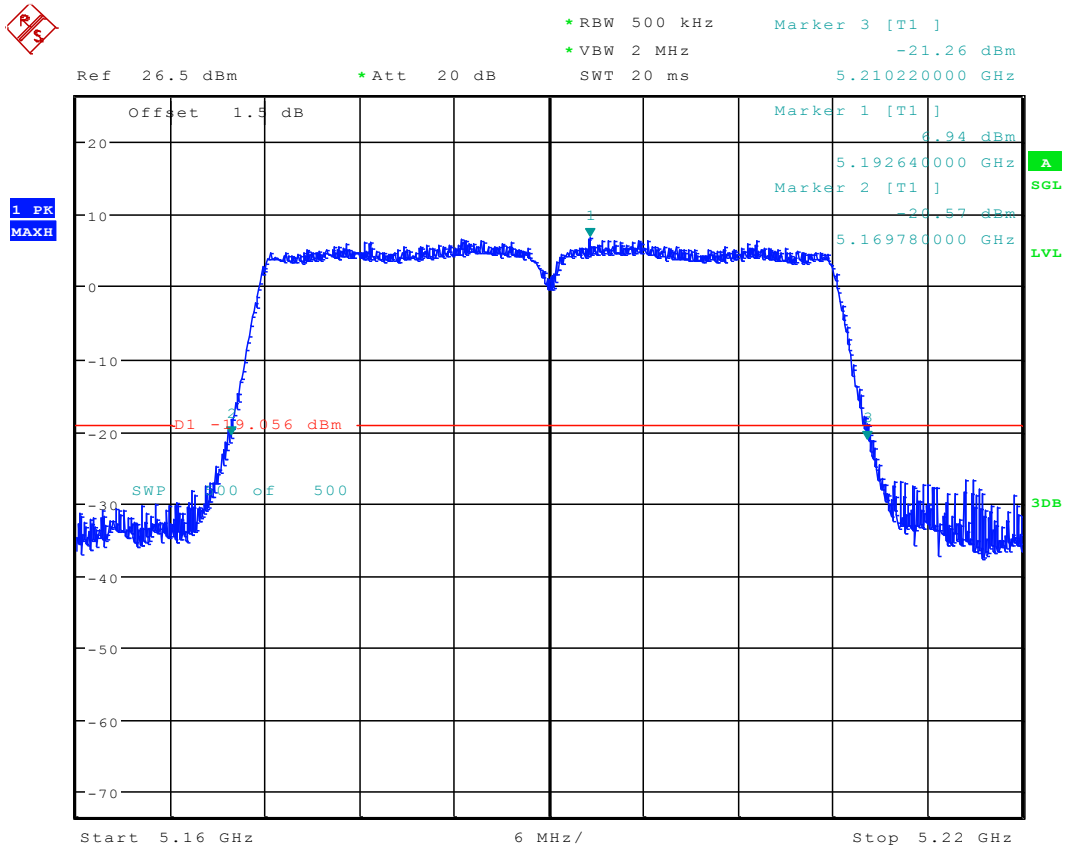
Date: 11.FEB.2017 18:37:13

2.17 11N20MIMO_48 ANT 2



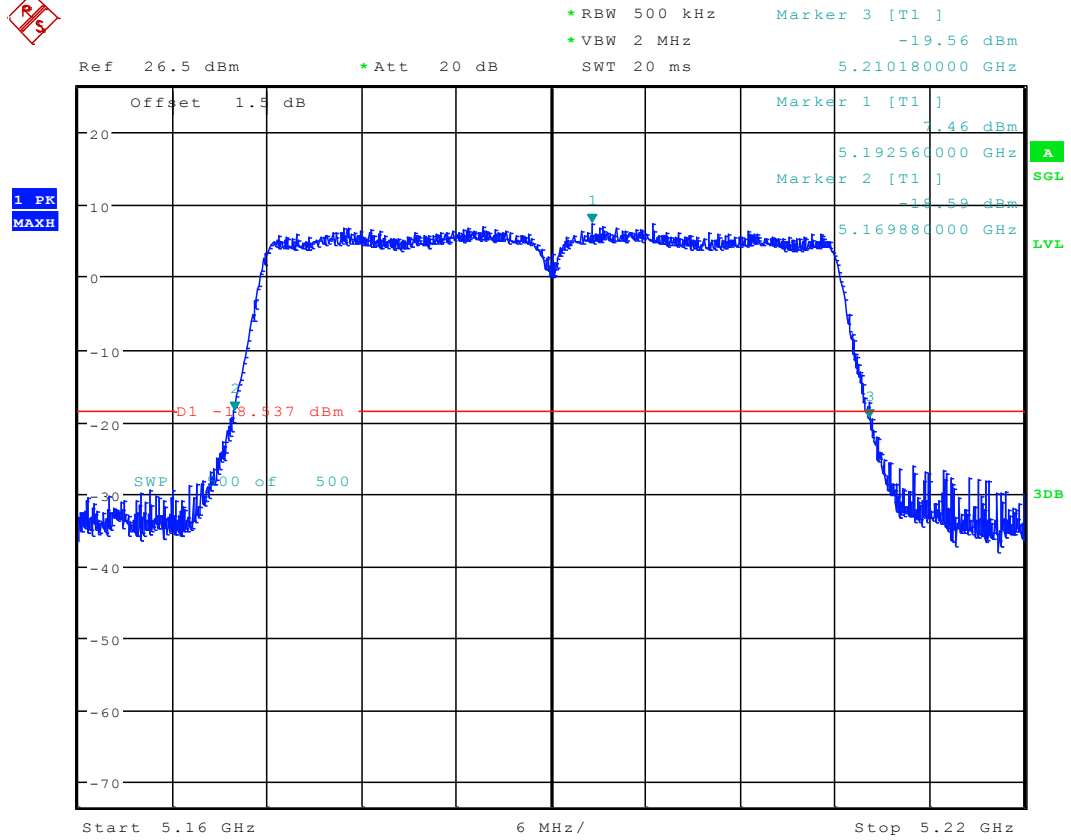
Date: 11.FEB.2017 17:18:39

2.19 11N40_38 ANT 1



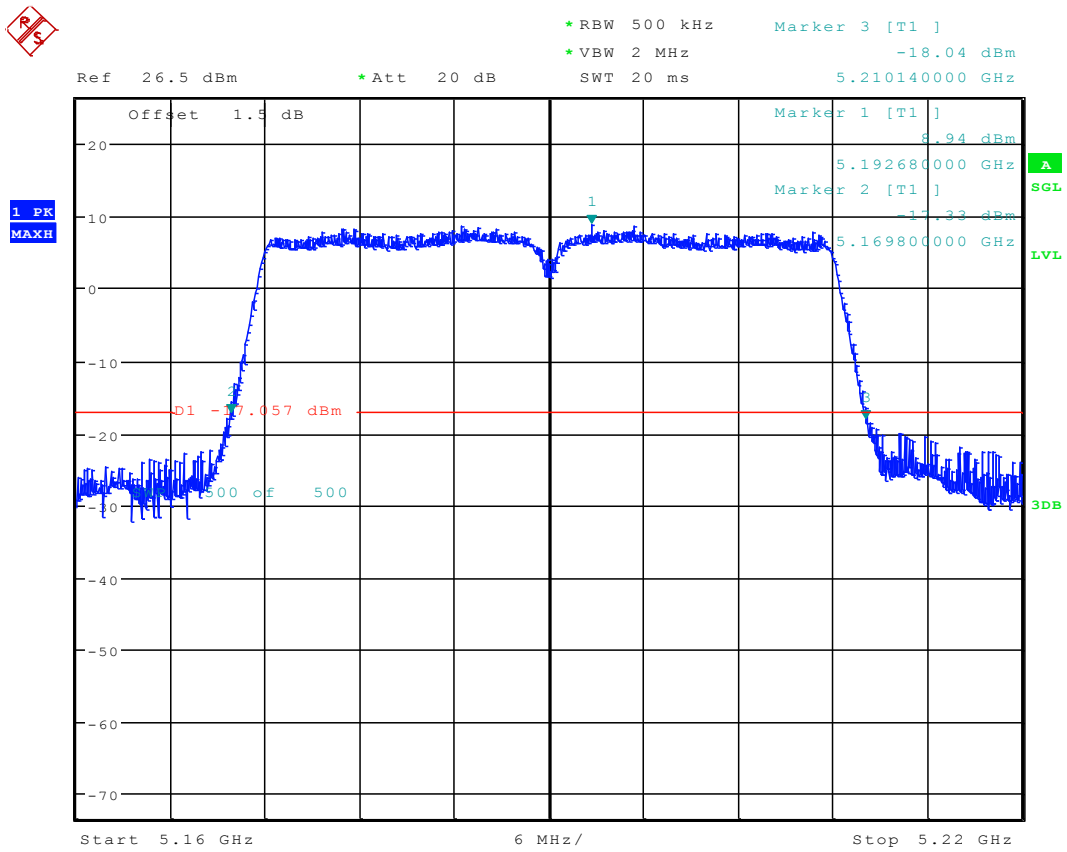
Date: 9.FEB.2017 11:26:00

2.20 11N40_38 ANT 2



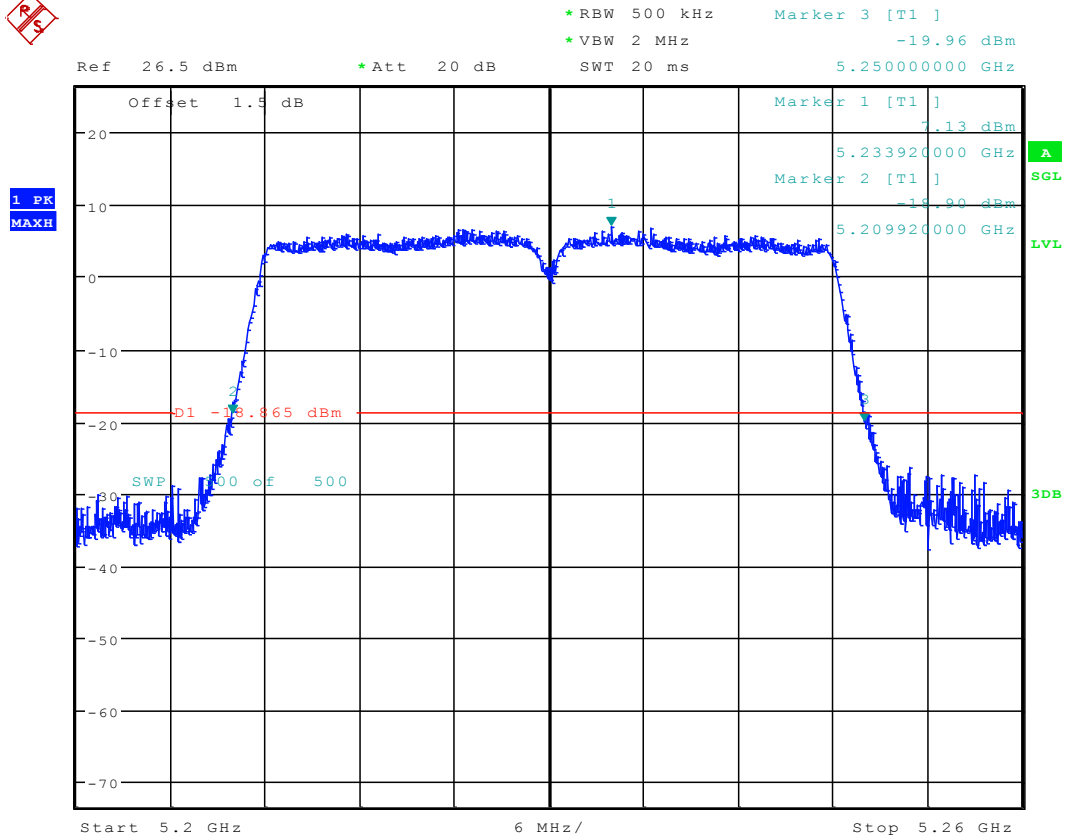
Date: 9.FEB.2017 16:15:49

2.21 11N40_38 ANT 3



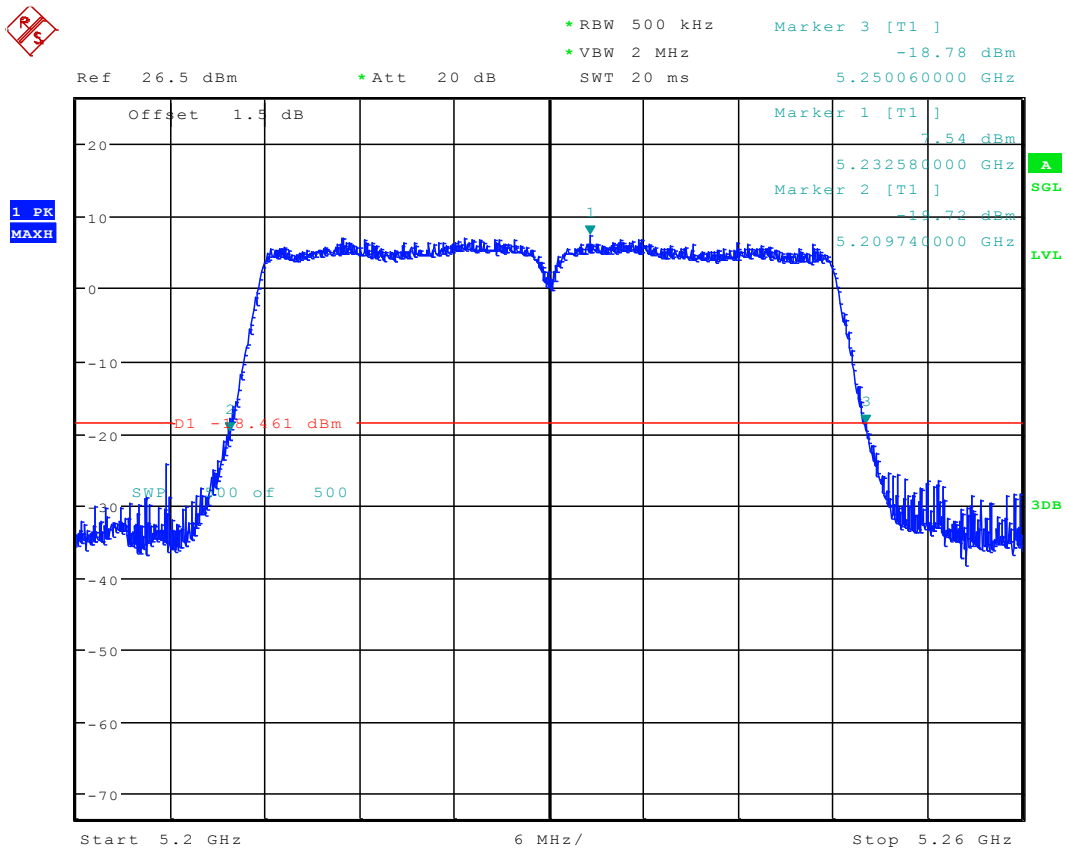
Date: 9.FEB.2017 19:49:07

2.22 11N40_46 ANT 1



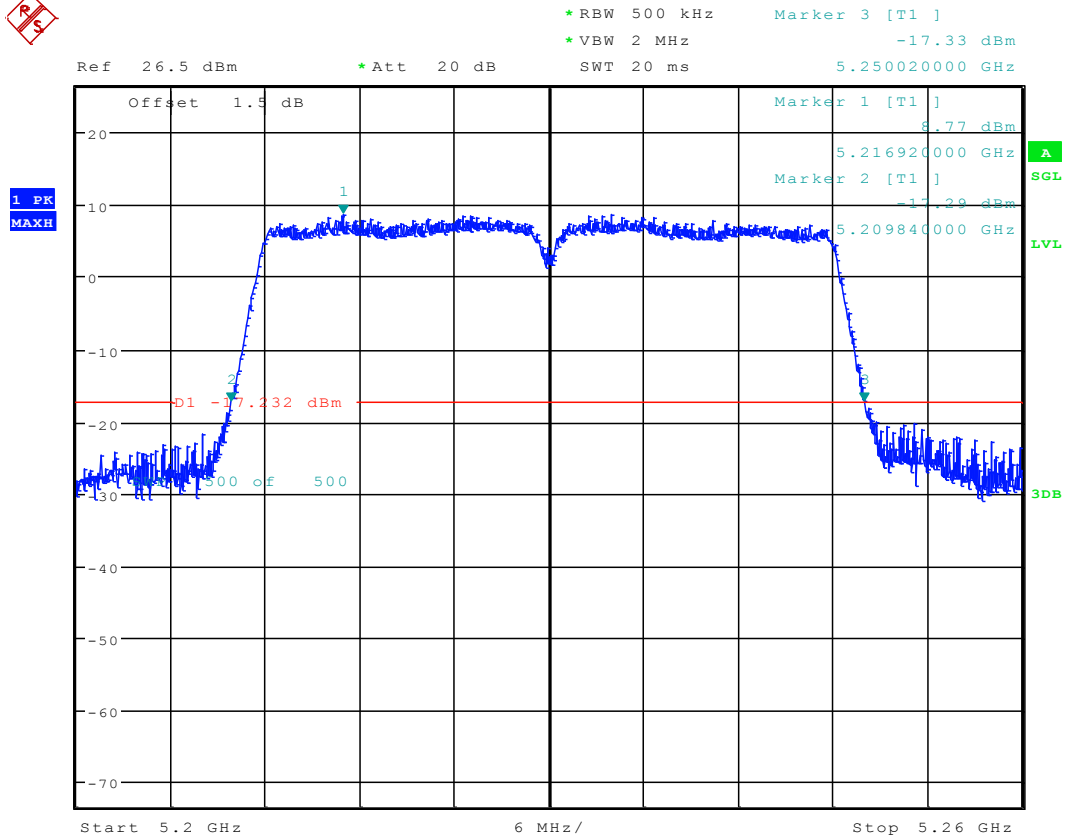
Date: 9.FEB.2017 11:33:10

2.23 11N40_46 ANT 2



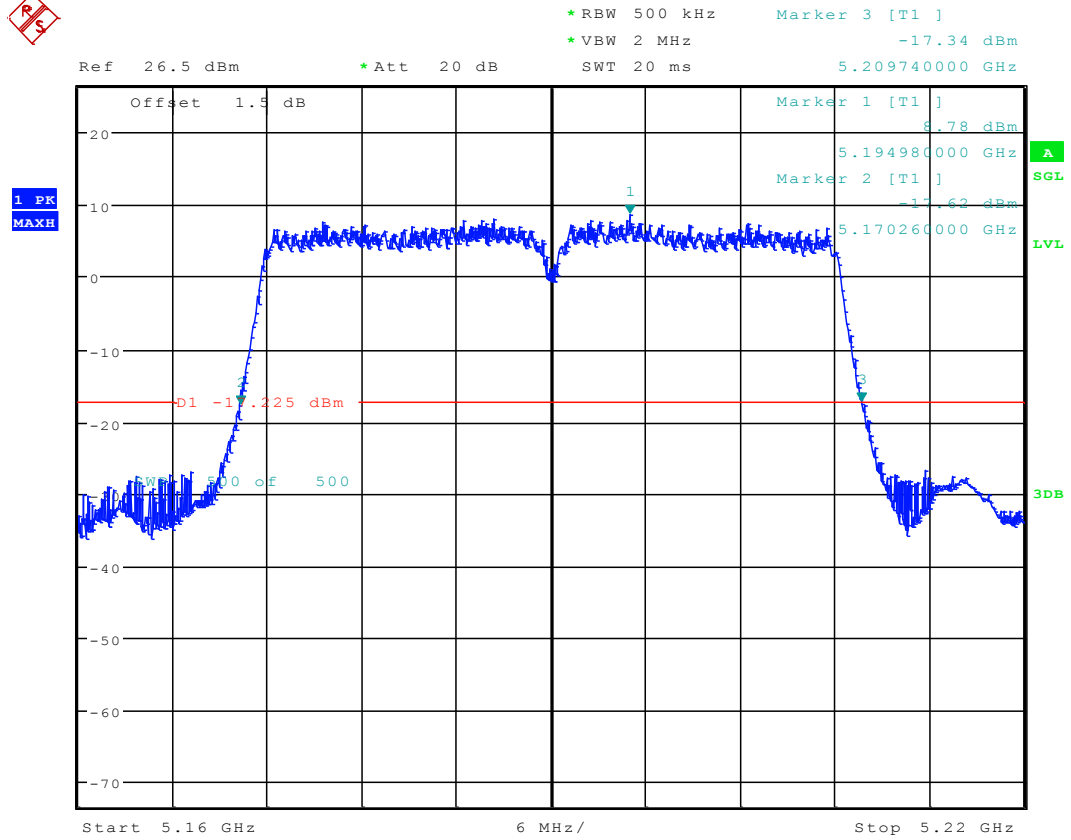
Date: 9.FEB.2017 16:21:37

2.24 11N40_46 ANT 3



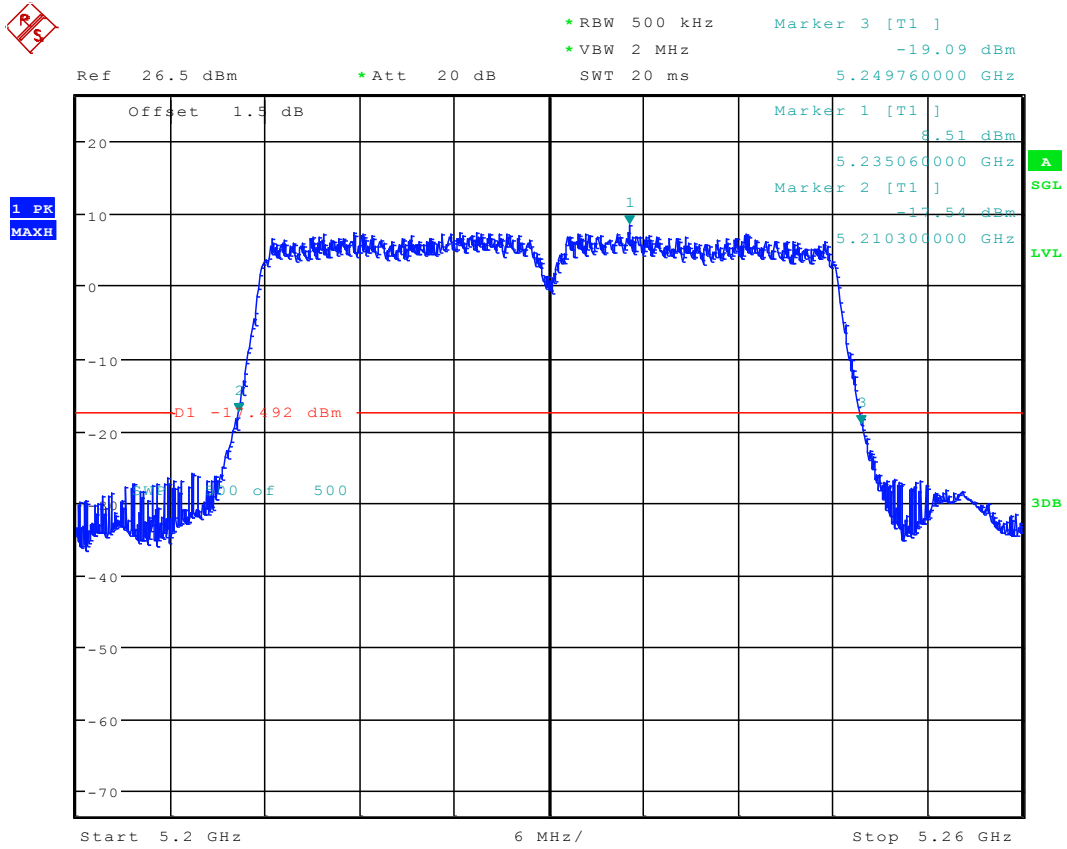
Date: 9.FEB.2017 19:55:23

2.26 11N40MIMO_38 ANT 2



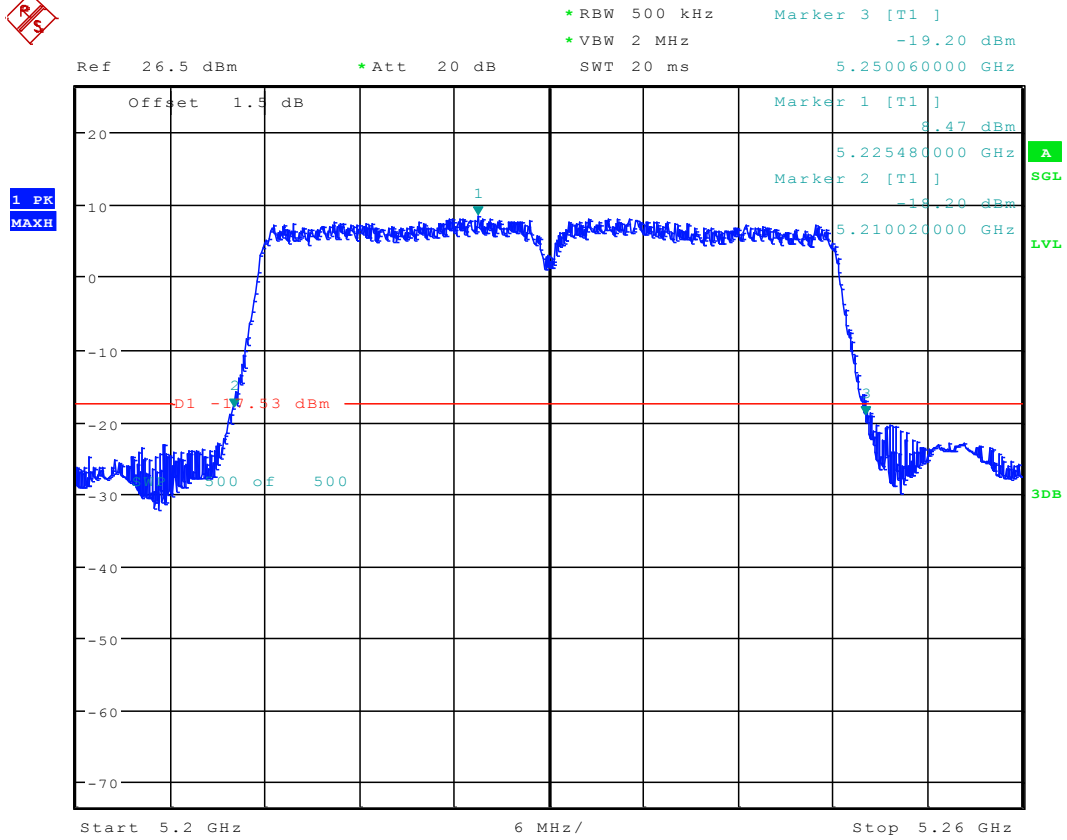
Date: 11.FEB.2017 17:32:30

2.29 11N40MIMO_46 ANT 2



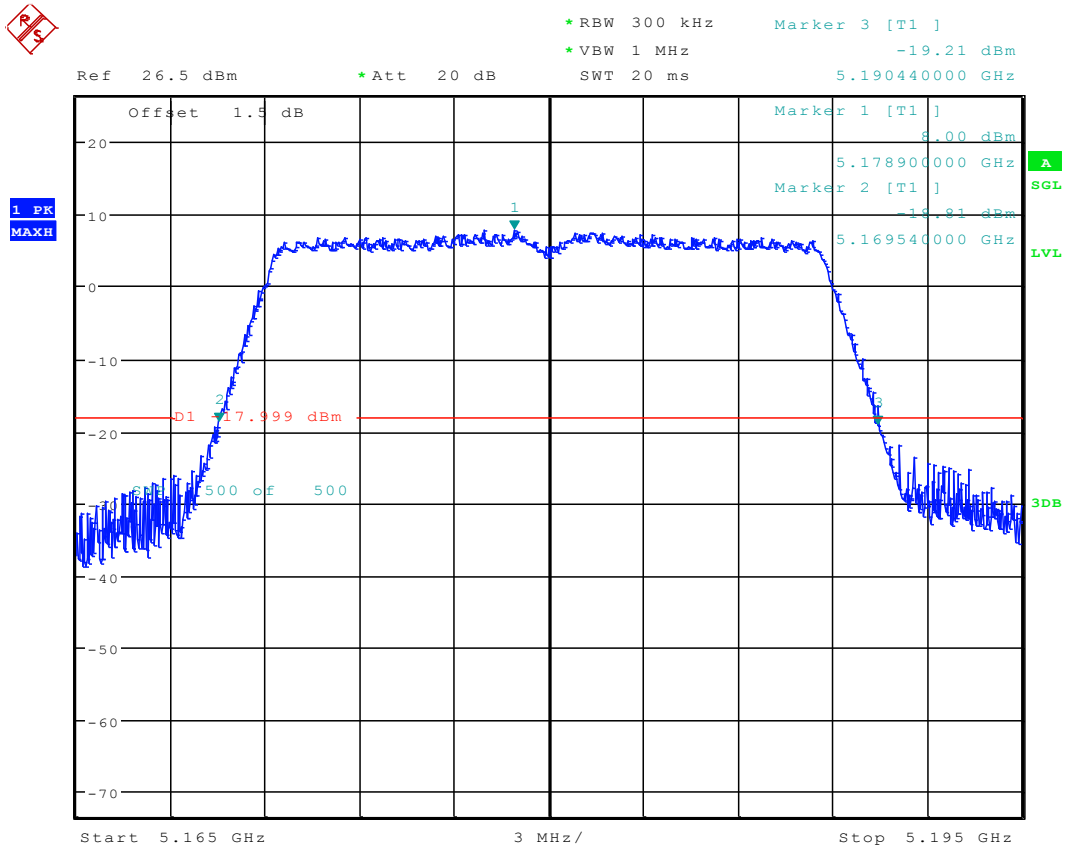
Date: 11.FEB.2017 17:37:50

2.30 11N40MIMO_46 ANT 3



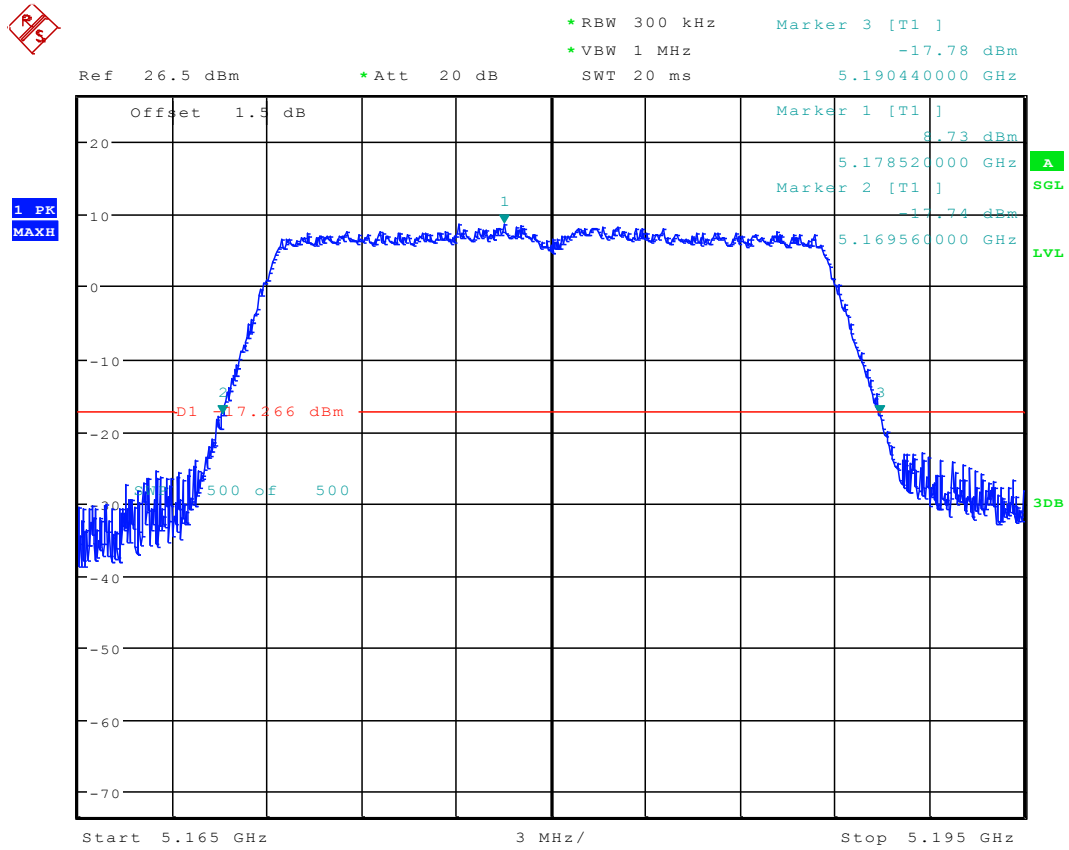
Date: 11.FEB.2017 16:55:35

2.31 11AC20_36 ANT 1



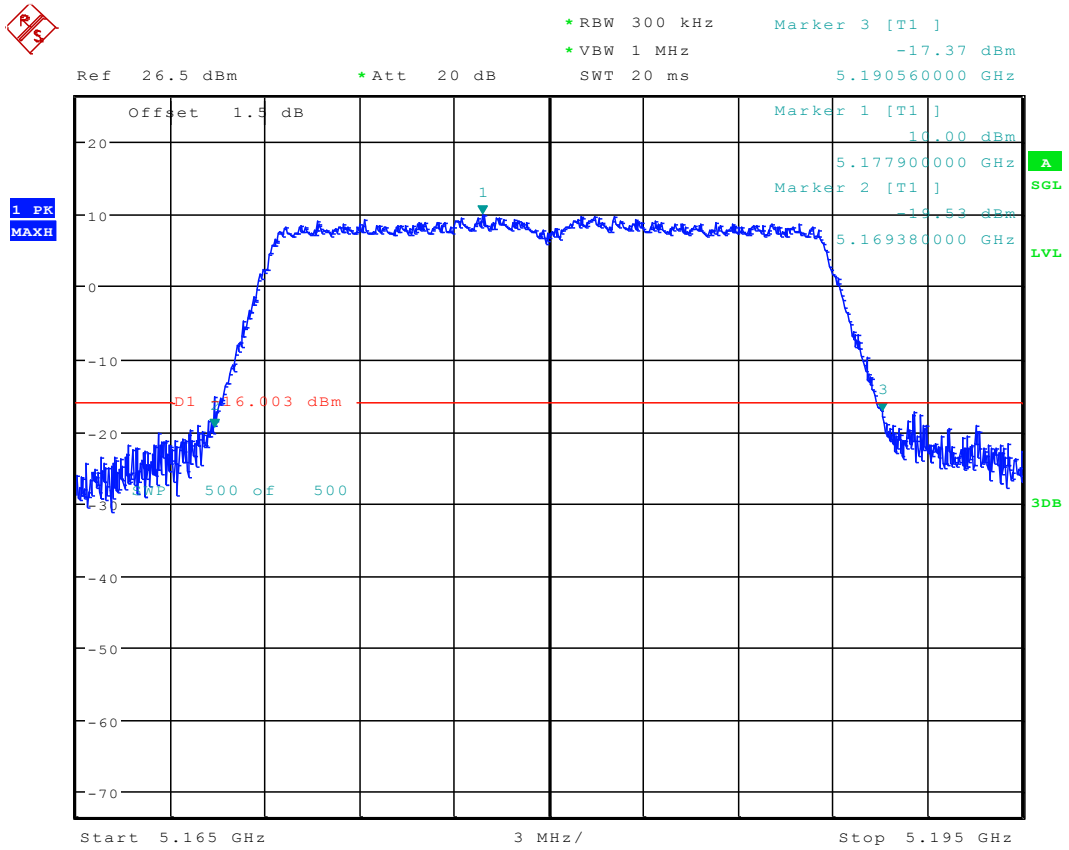
Date: 9.FEB.2017 10:39:30

2.32 11AC20_36 ANT 2



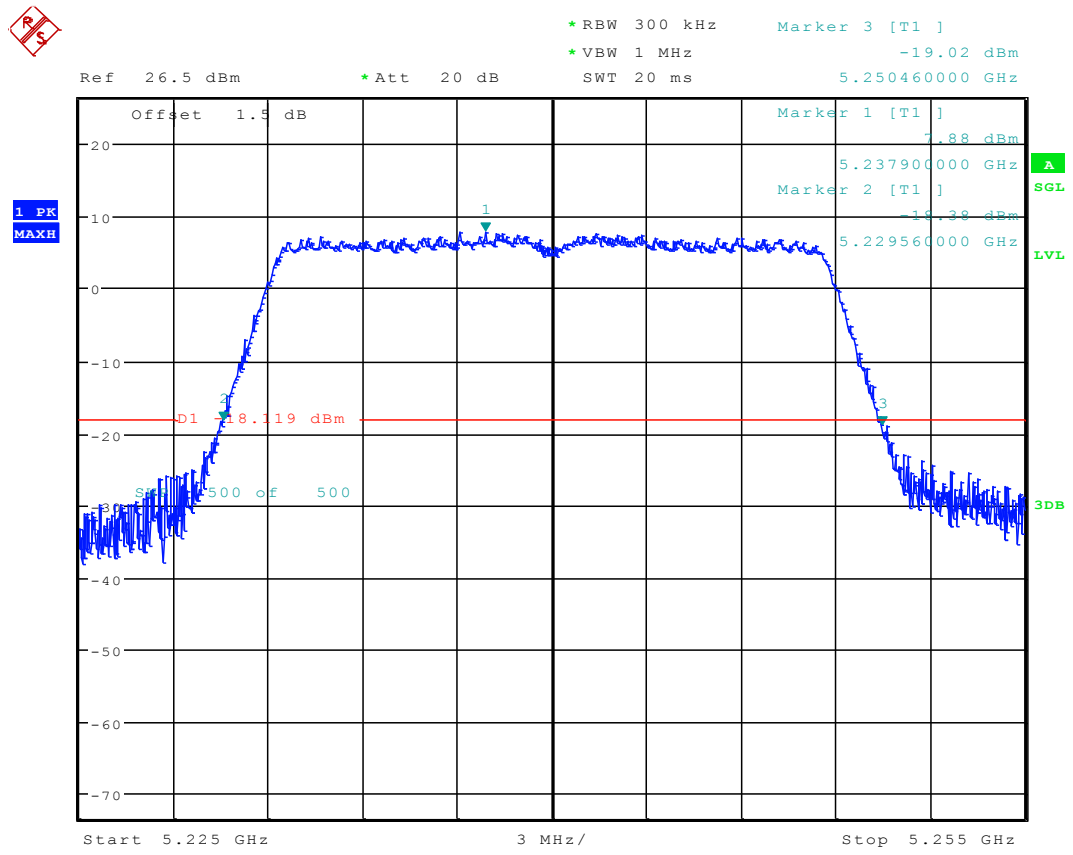
Date: 9.FEB.2017 15:55:03

2.33 11AC20_36 ANT 3



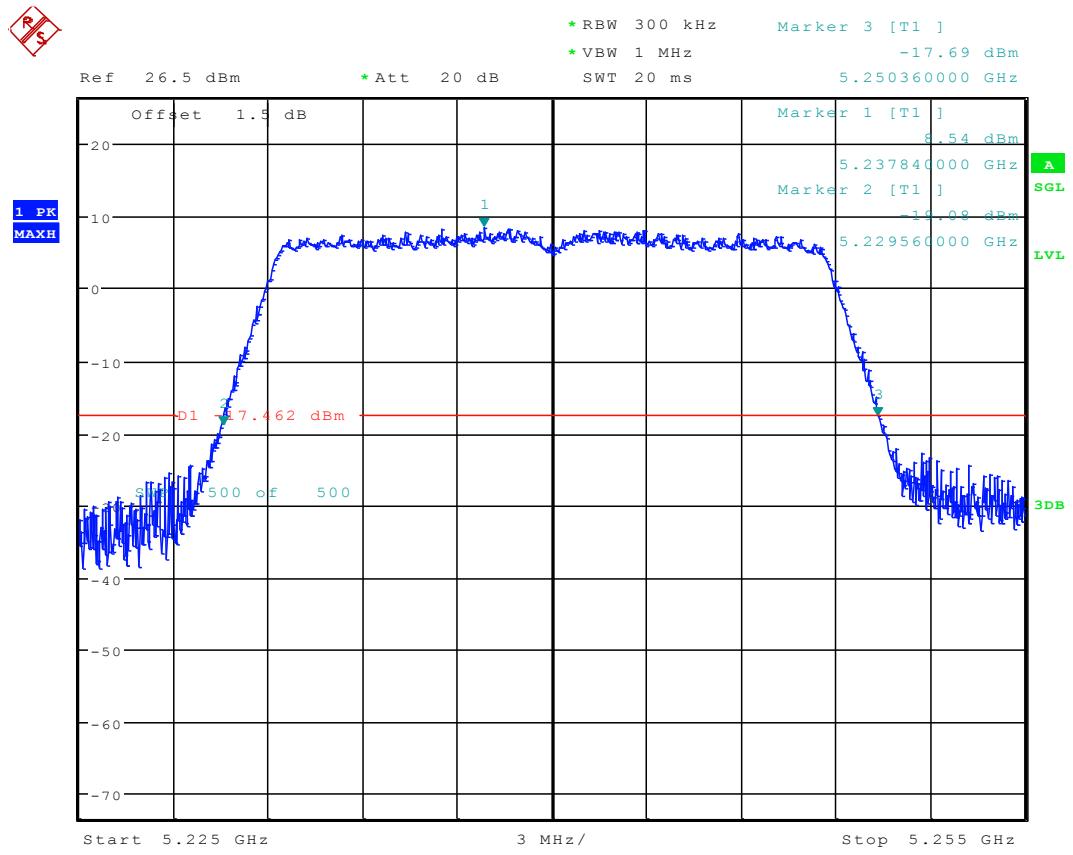
Date: 9.FEB.2017 19:27:36

2.34 11AC20_48 ANT 1



Date: 9.FEB.2017 10:44:50

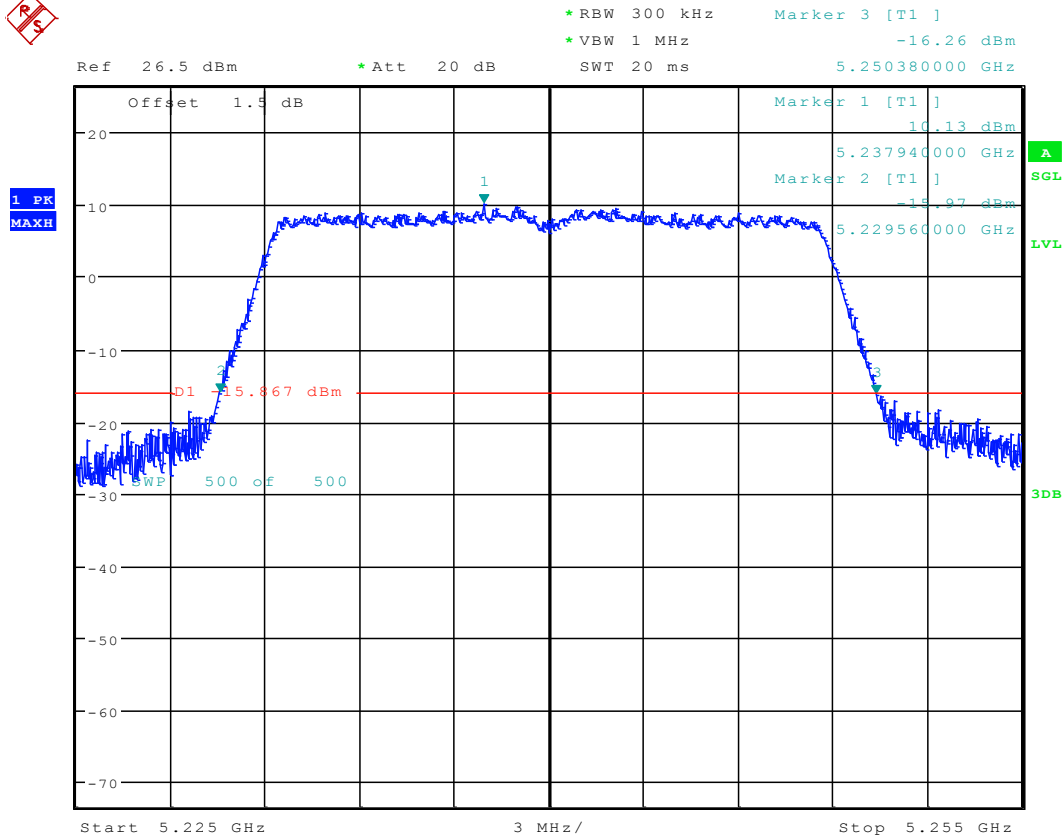
2.35 11AC20_48 ANT 2



Date: 9.FEB.2017 16:00:45

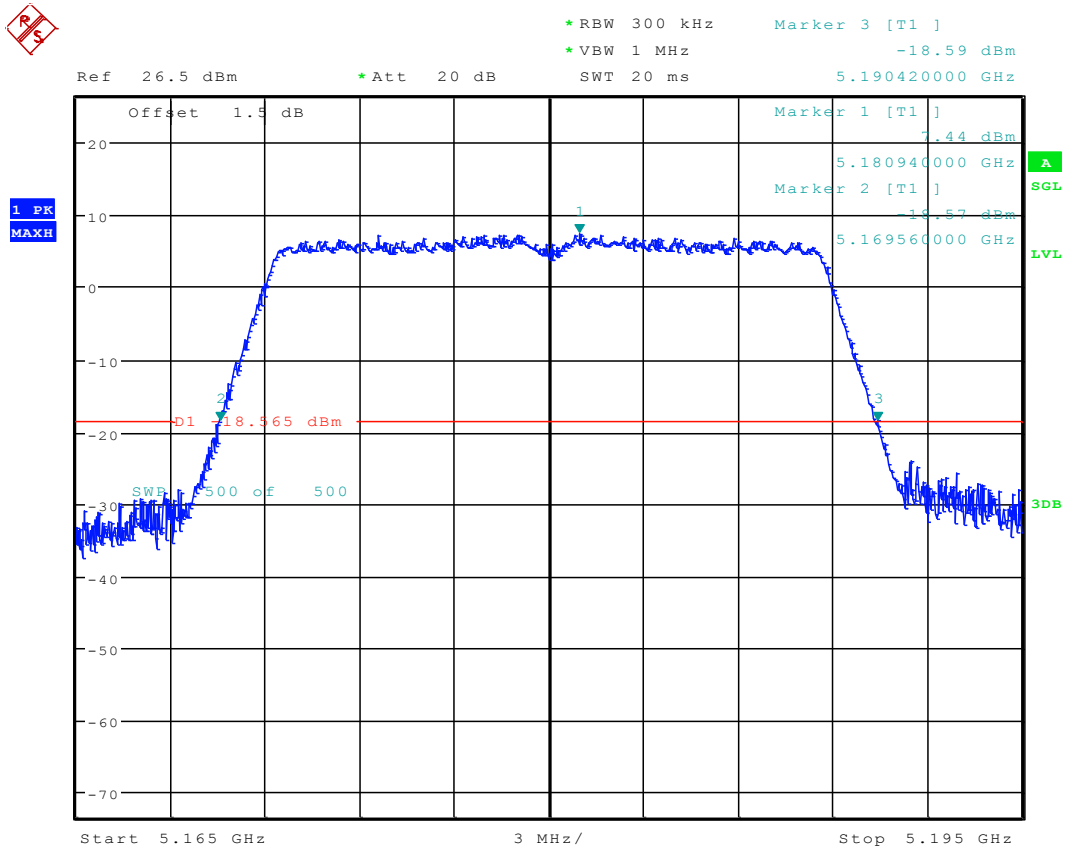


2.36 11AC20_48 ANT 3



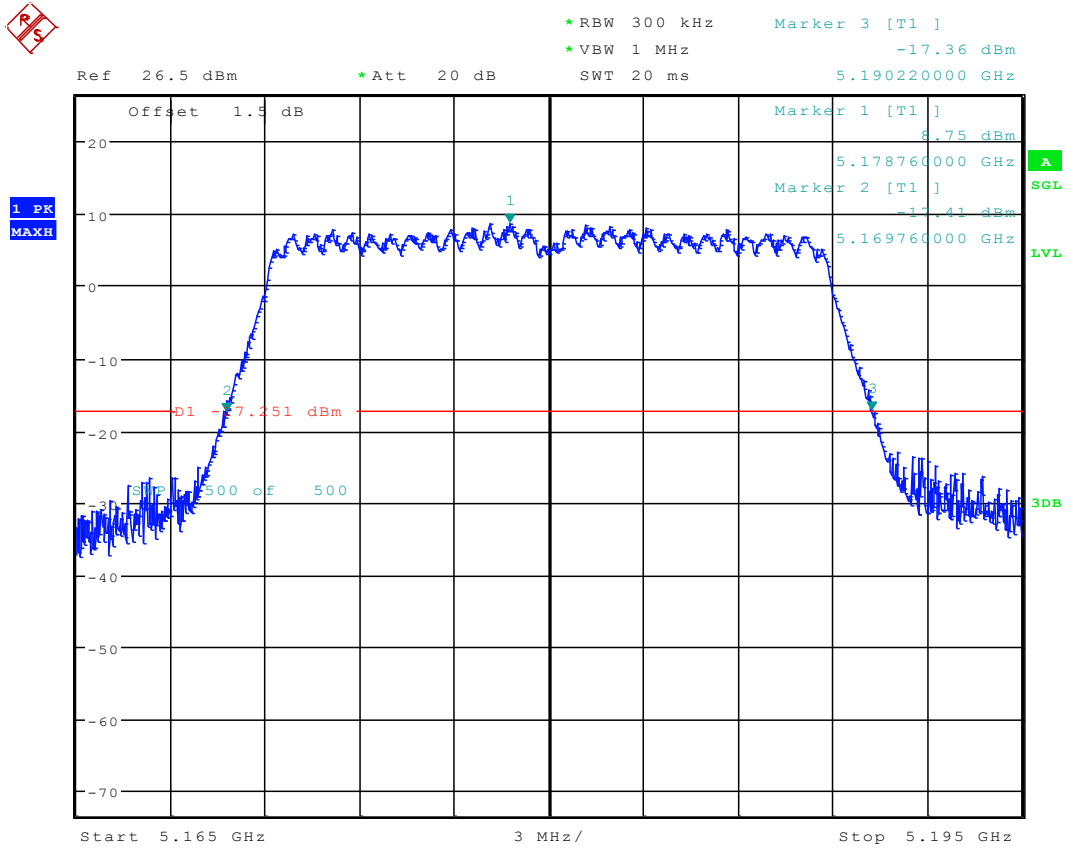
Date: 9.FEB.2017 19:35:05

2.37 11AC20MIMO_36 ANT 1



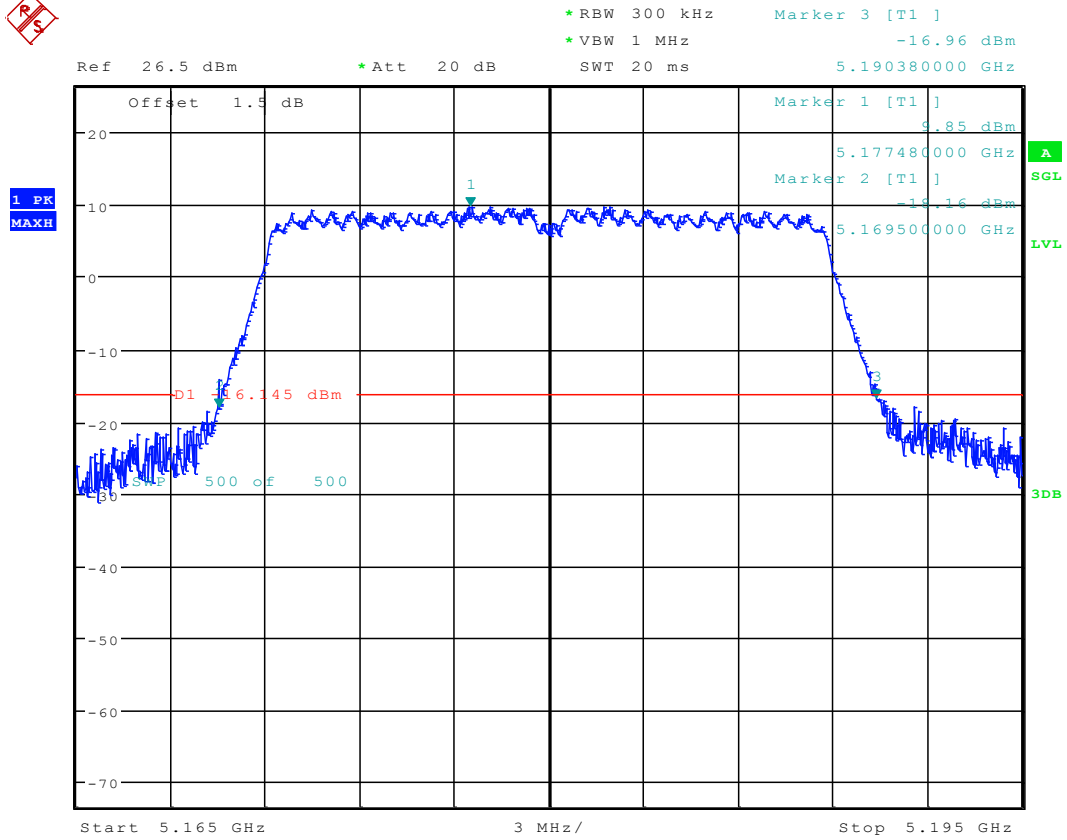
Date: 13.FEB.2017 09:46:48

2.38 11AC20MIMO_36 ANT 2



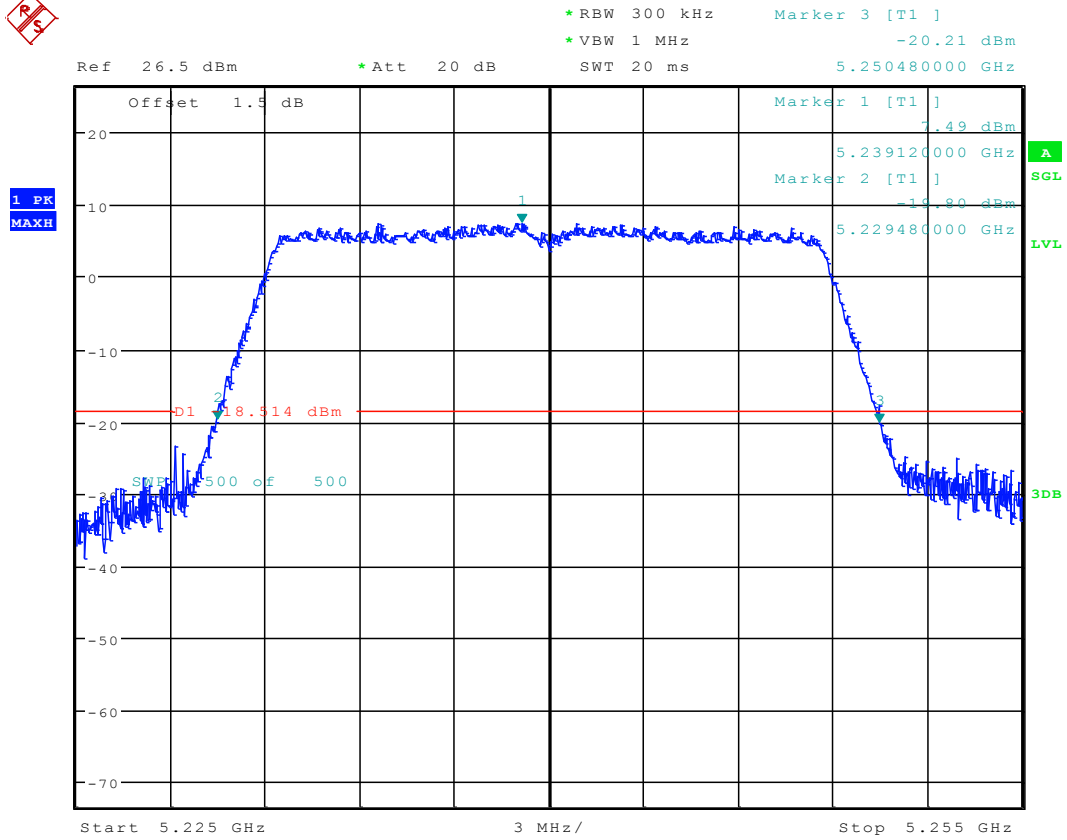
Date: 11.FEB.2017 17:46:03

2.39 11AC20MIMO_36 ANT 3



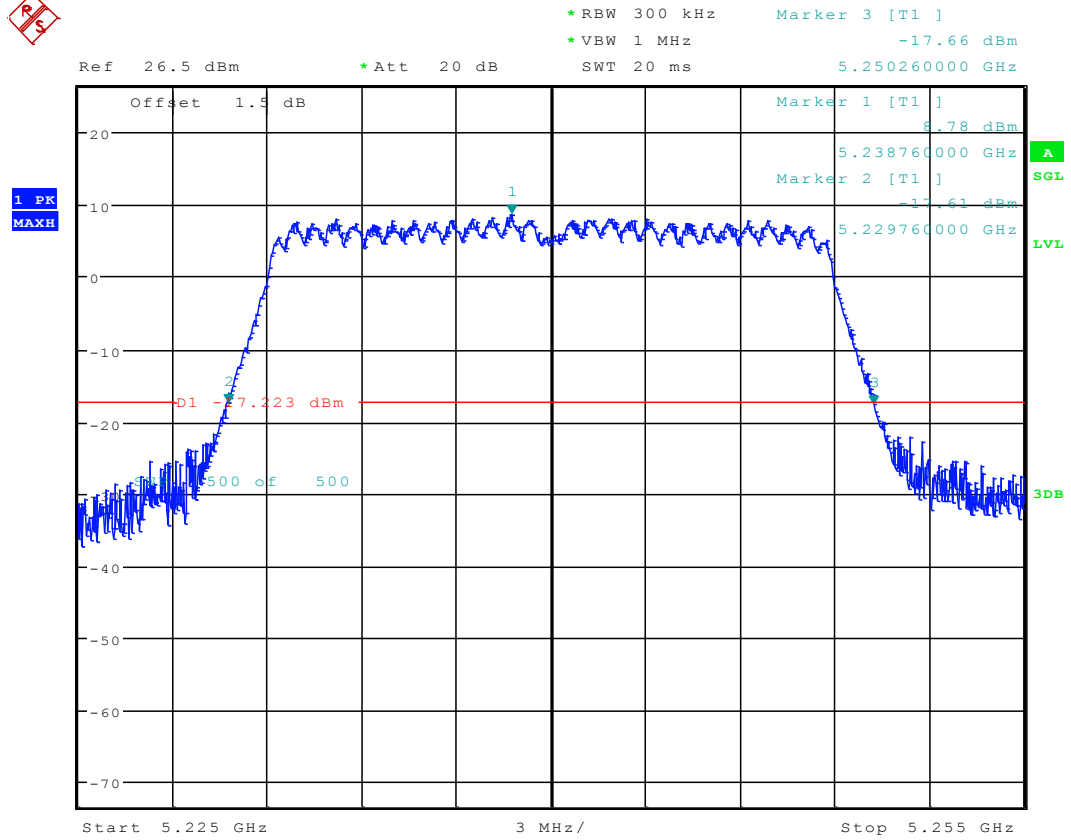
Date: 14.FEB.2017 15:21:22

2.40 11AC20MIMO_48 ANT 1



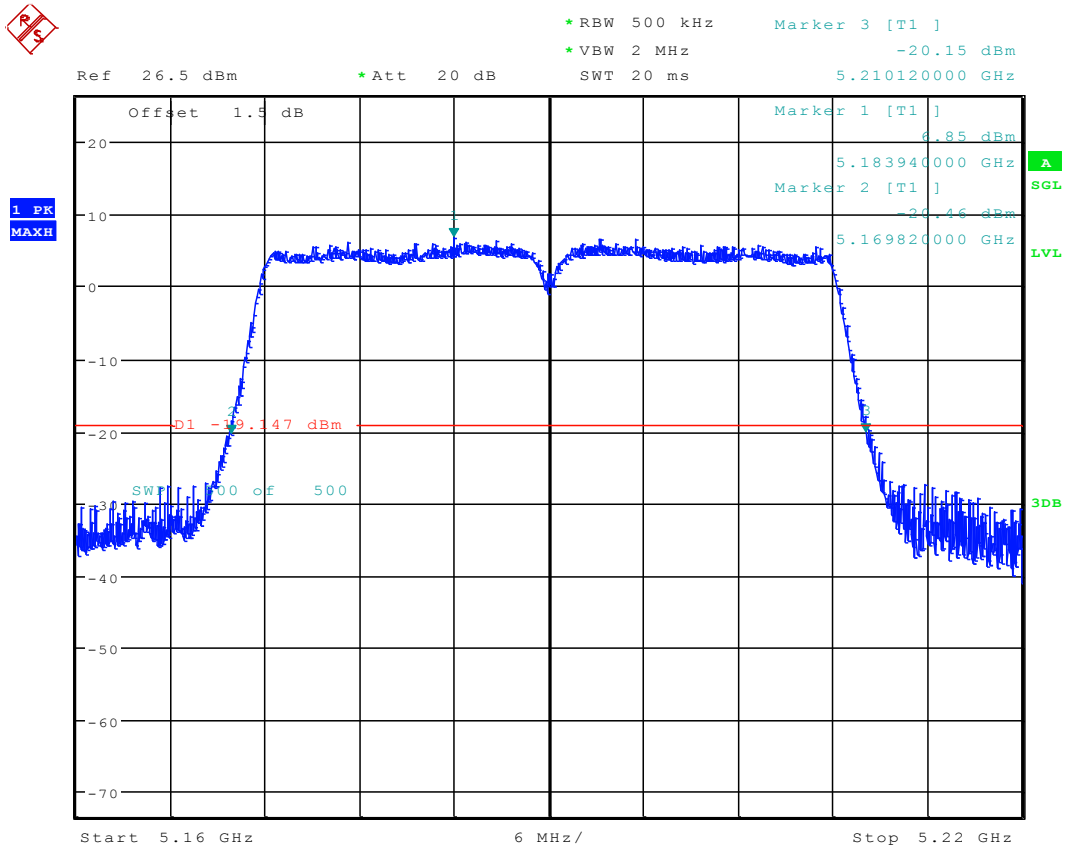
Date: 13.FEB.2017 09:52:11

2.41 11AC20MIMO_48 ANT 2



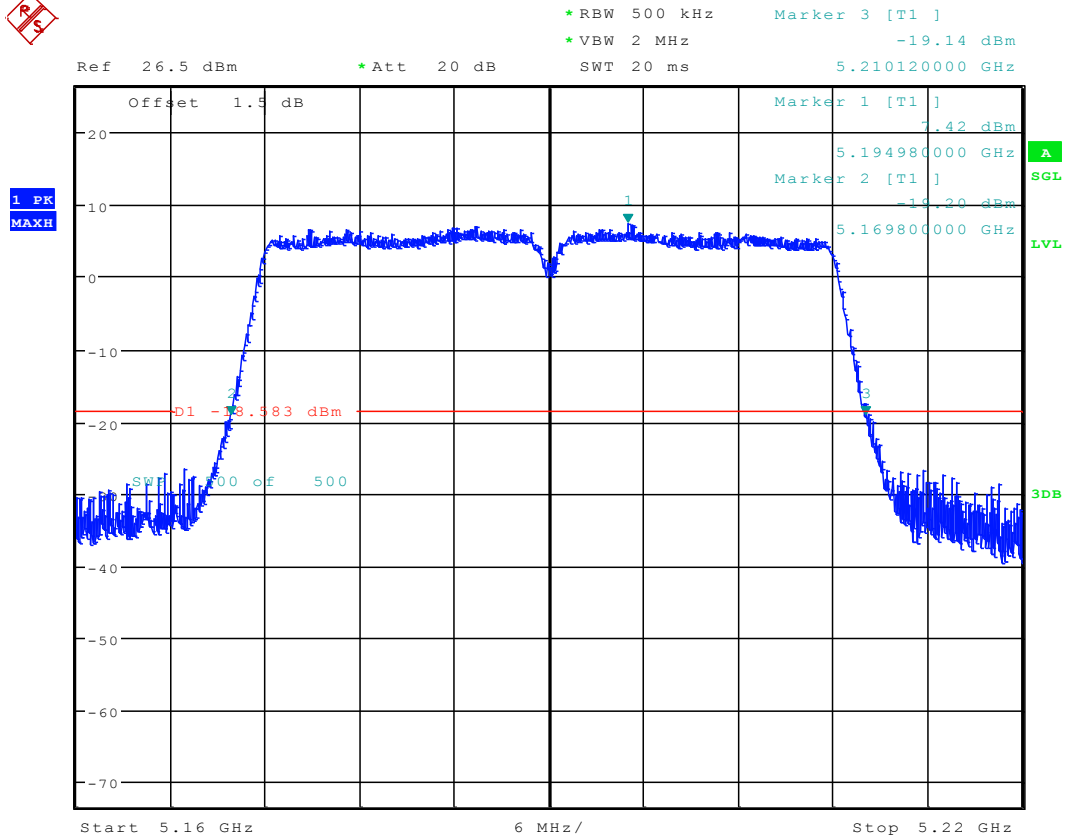
Date: 11.FEB.2017 17:51:11

2.43 11AC40_38 ANT 1



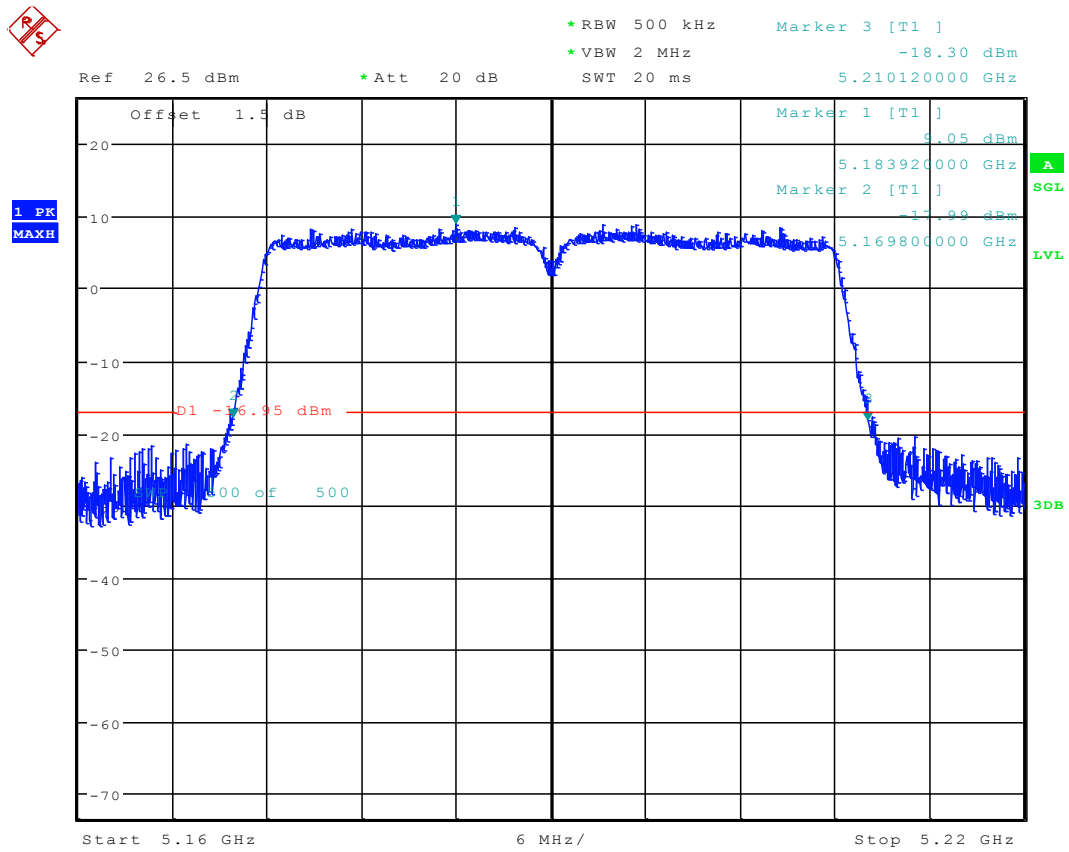
Date: 9.FEB.2017 12:14:10

2.44 11AC40_38 ANT 2



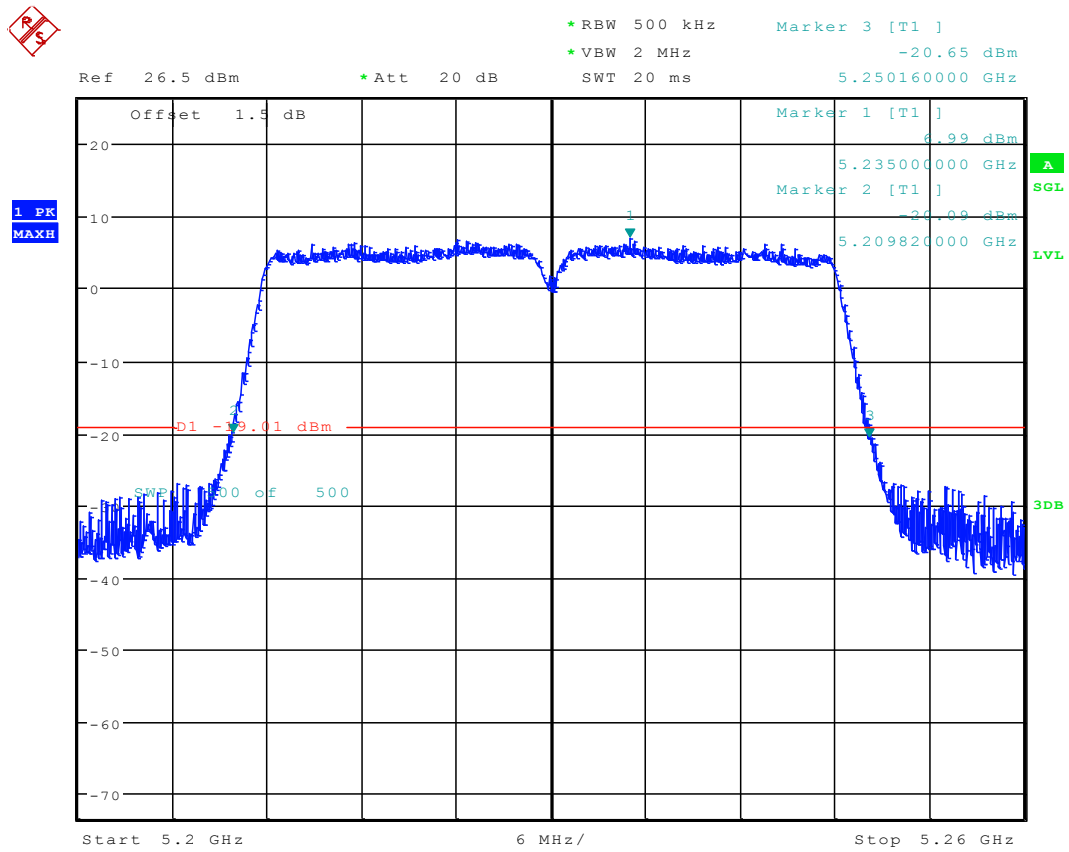
Date: 9.FEB.2017 16:29:58

2.45 11AC40_38 ANT 3



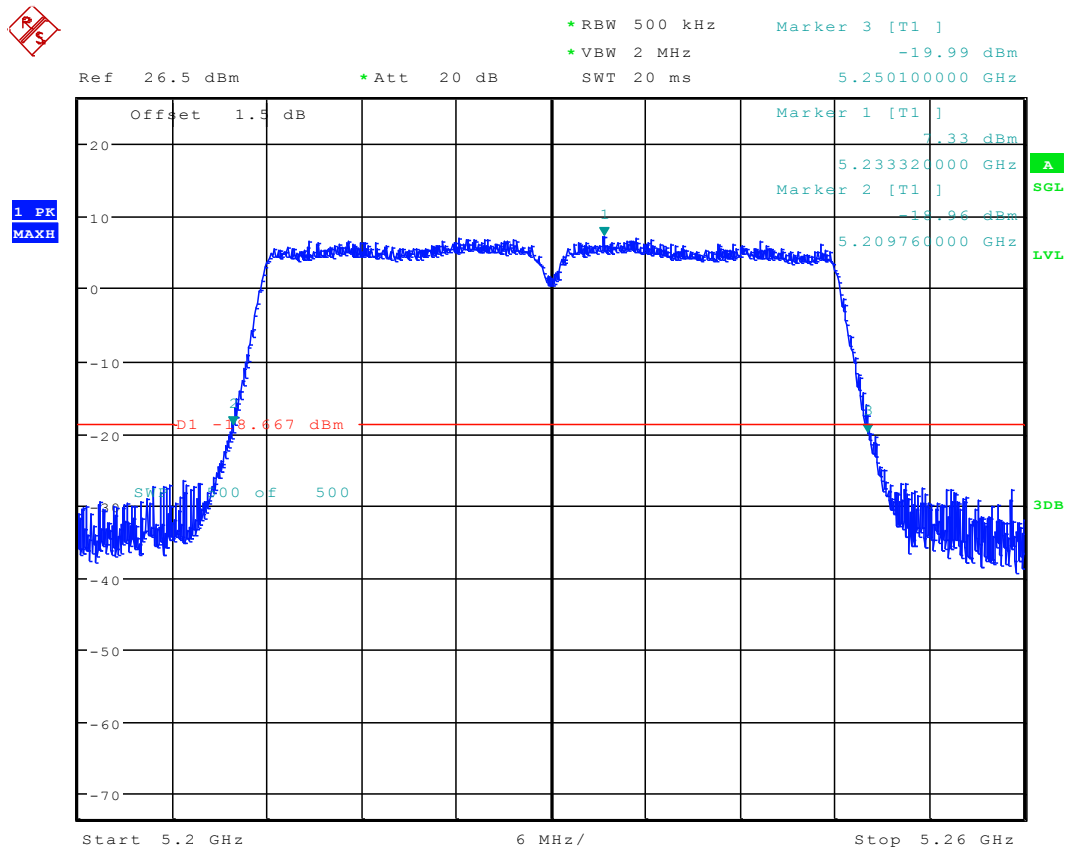
Date: 9.FEB.2017 20:03:30

2.46 11AC40_46 ANT 1



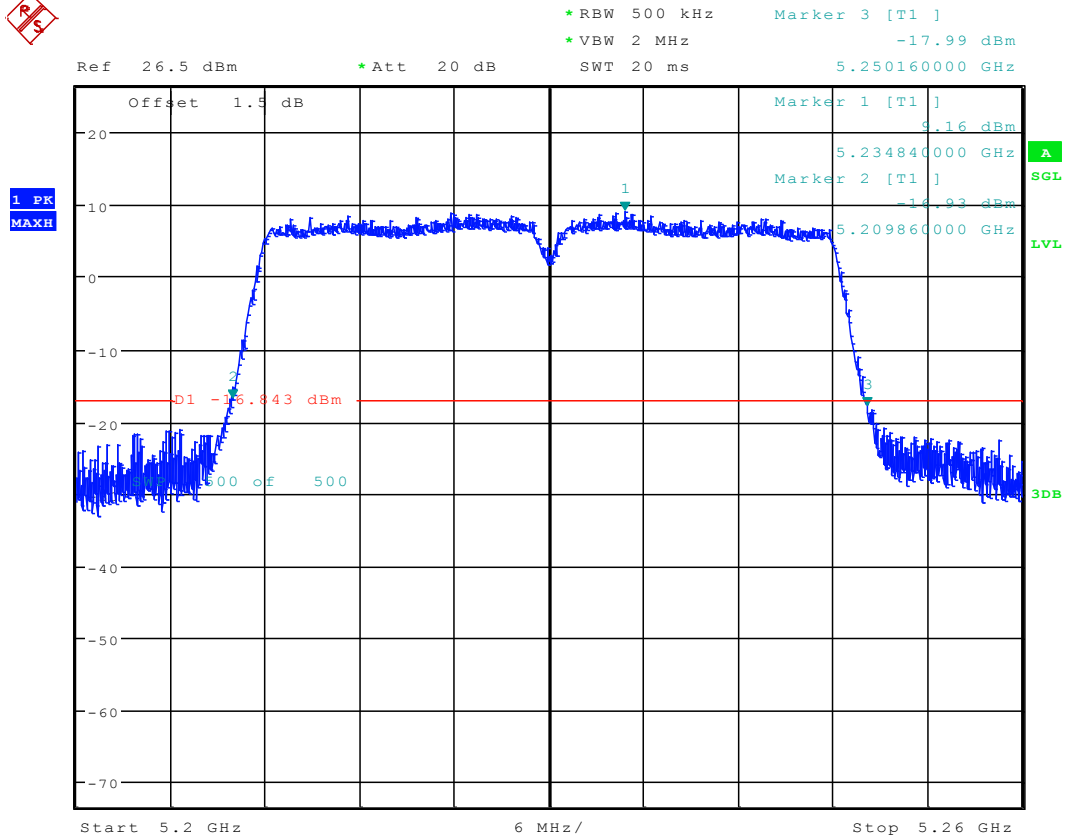
Date: 9.FEB.2017 12:19:22

2.47 11AC40_46 ANT 2



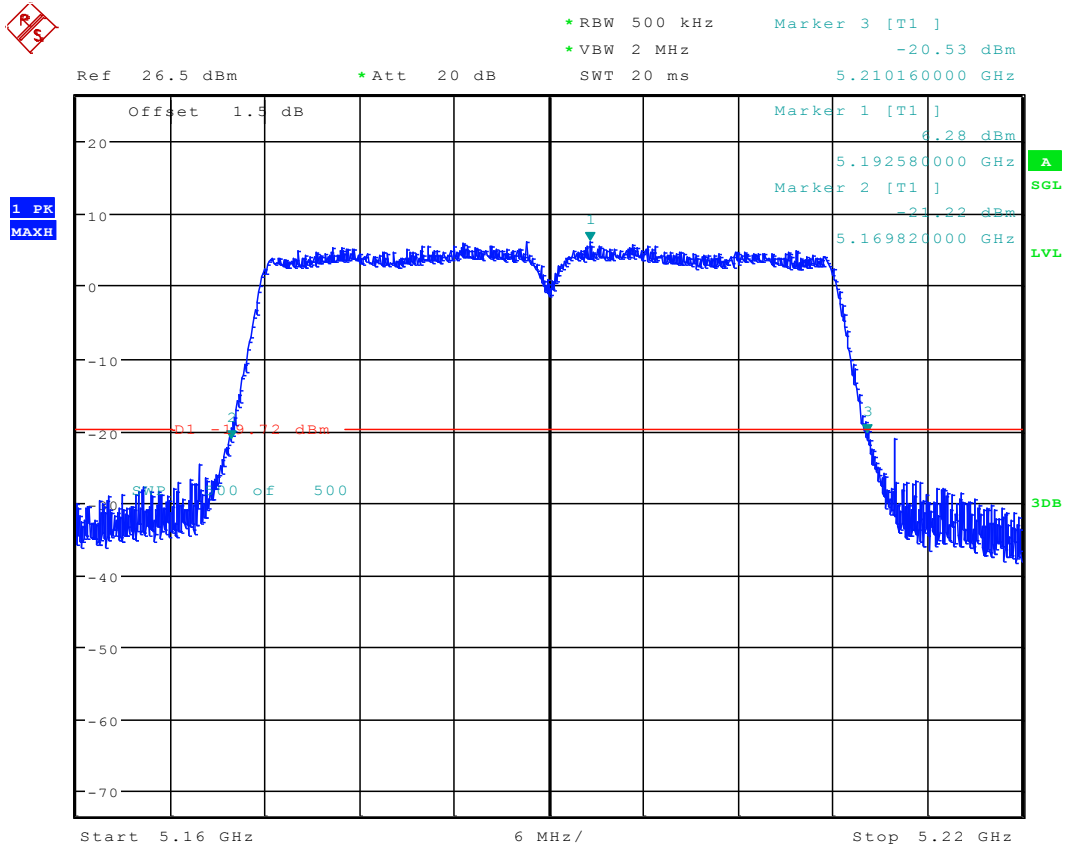
Date: 9.FEB.2017 16:35:19

2.48 11AC40_46 ANT 3



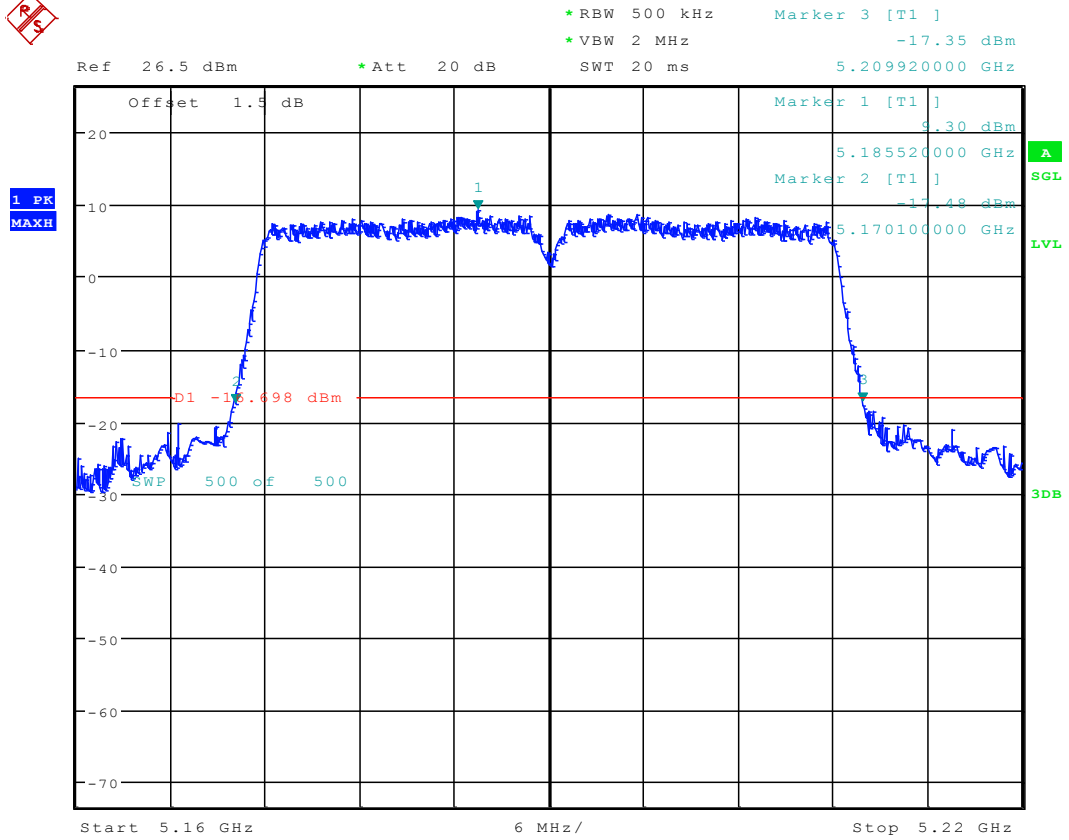
Date: 9.FEB.2017 20:12:28

2.49 11AC40MIMO_38 ANT 1



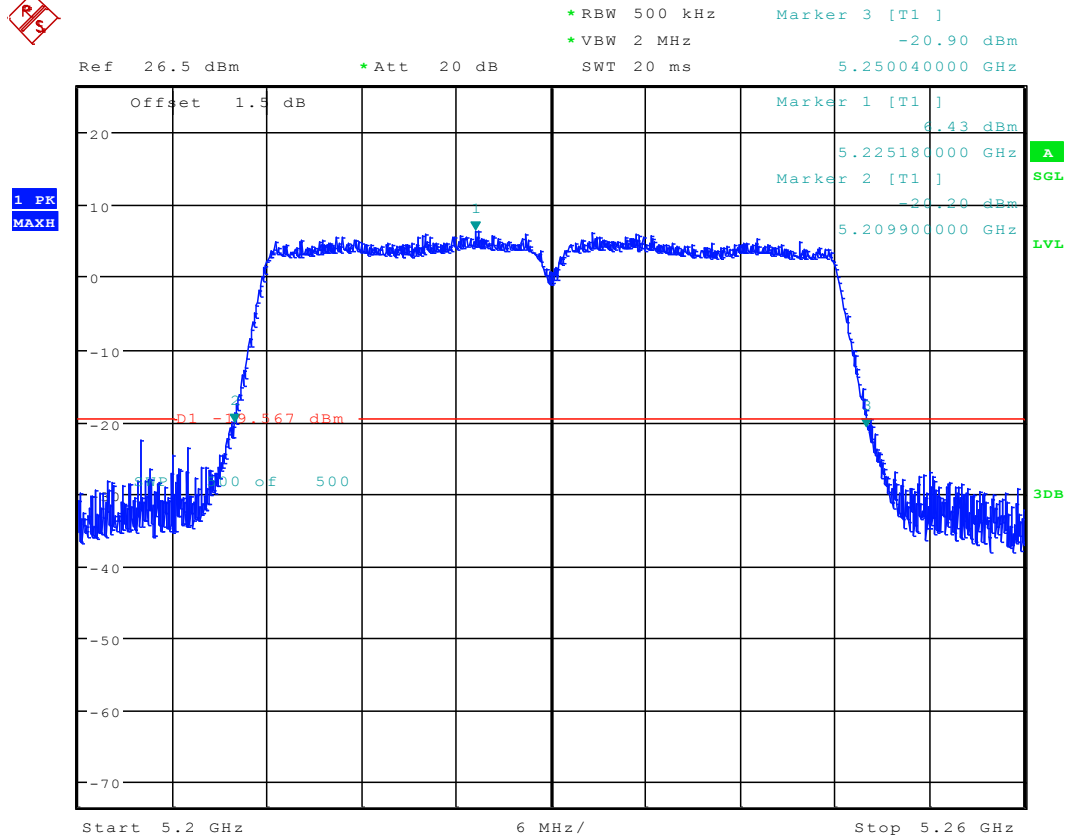
Date: 13.FEB.2017 10:02:34

2.51 11AC40MIMO_38 ANT 3



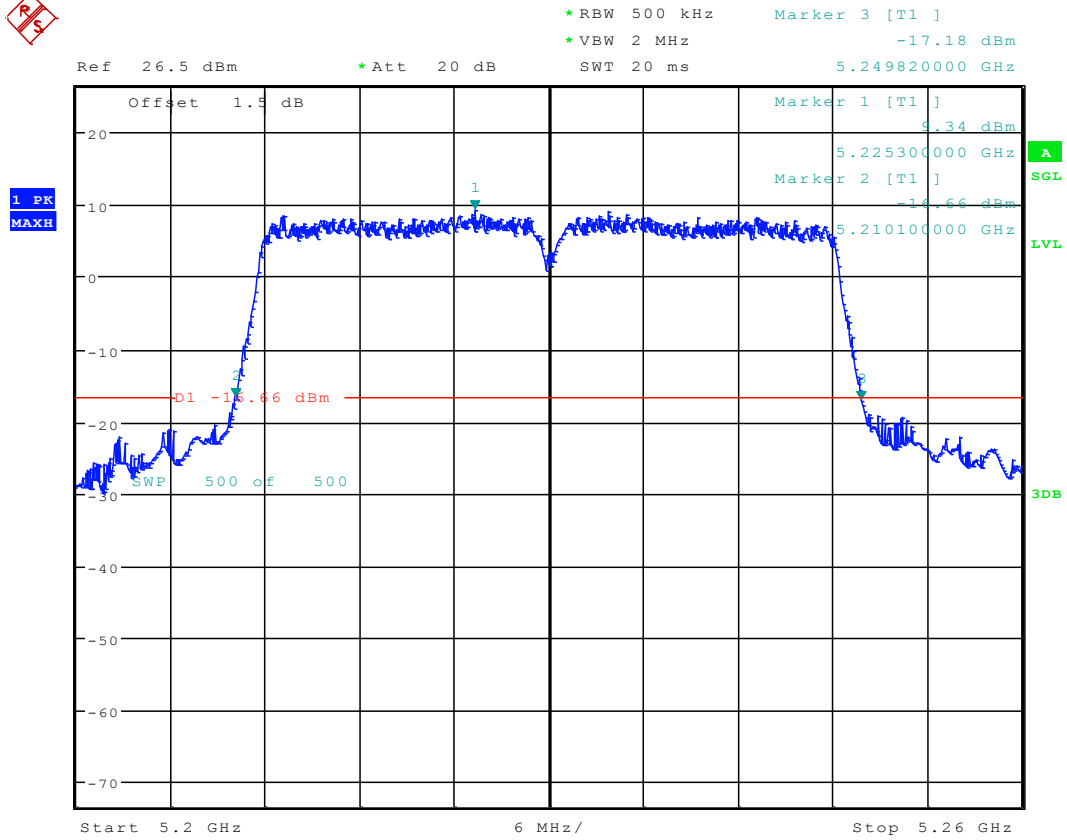
Date: 14.FEB.2017 15:43:14

2.52 11AC40MIMO_46 ANT 1



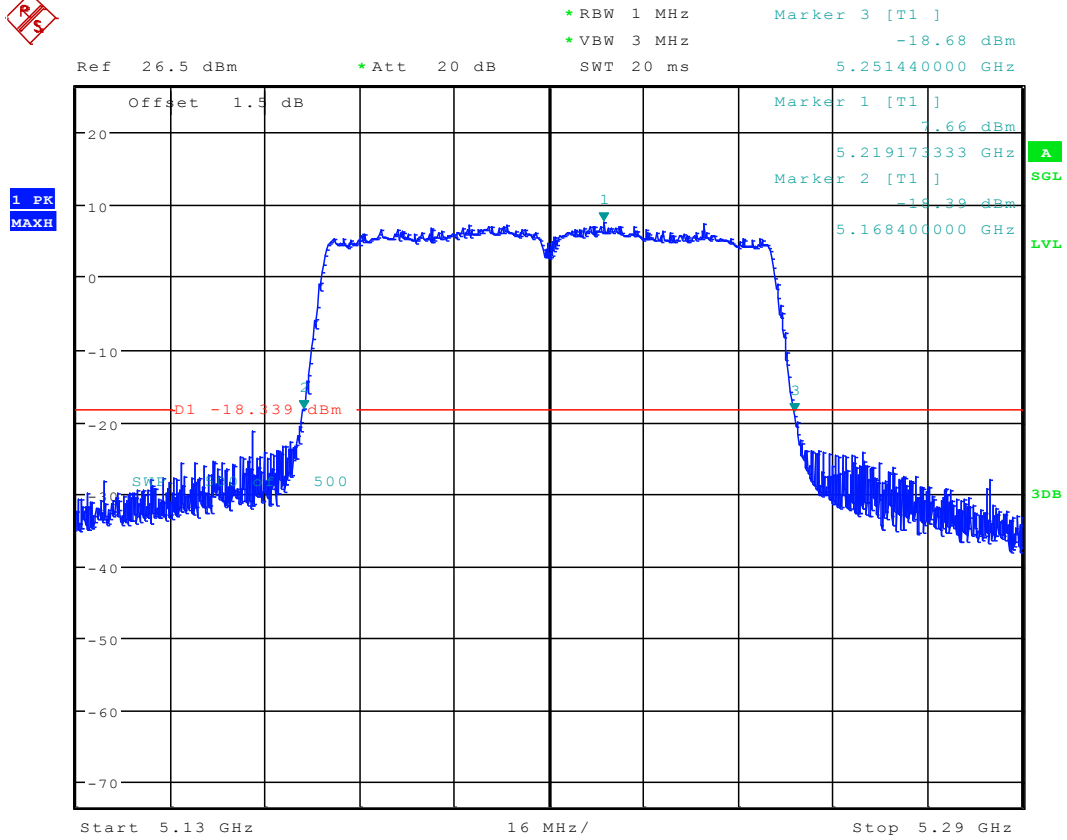
Date: 13.FEB.2017 10:08:44

2.54 11AC40MIMO_46 ANT 3



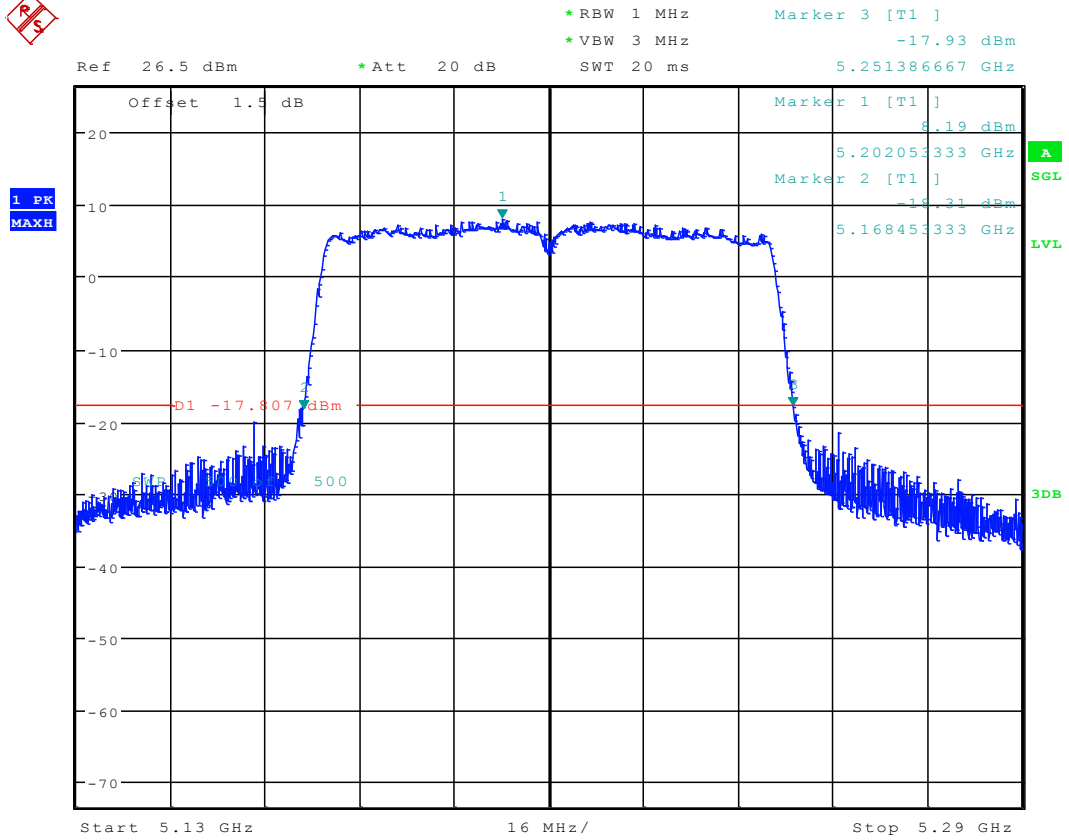
Date: 14.FEB.2017 15:51:45

2.55 11AC80_42 ANT 1



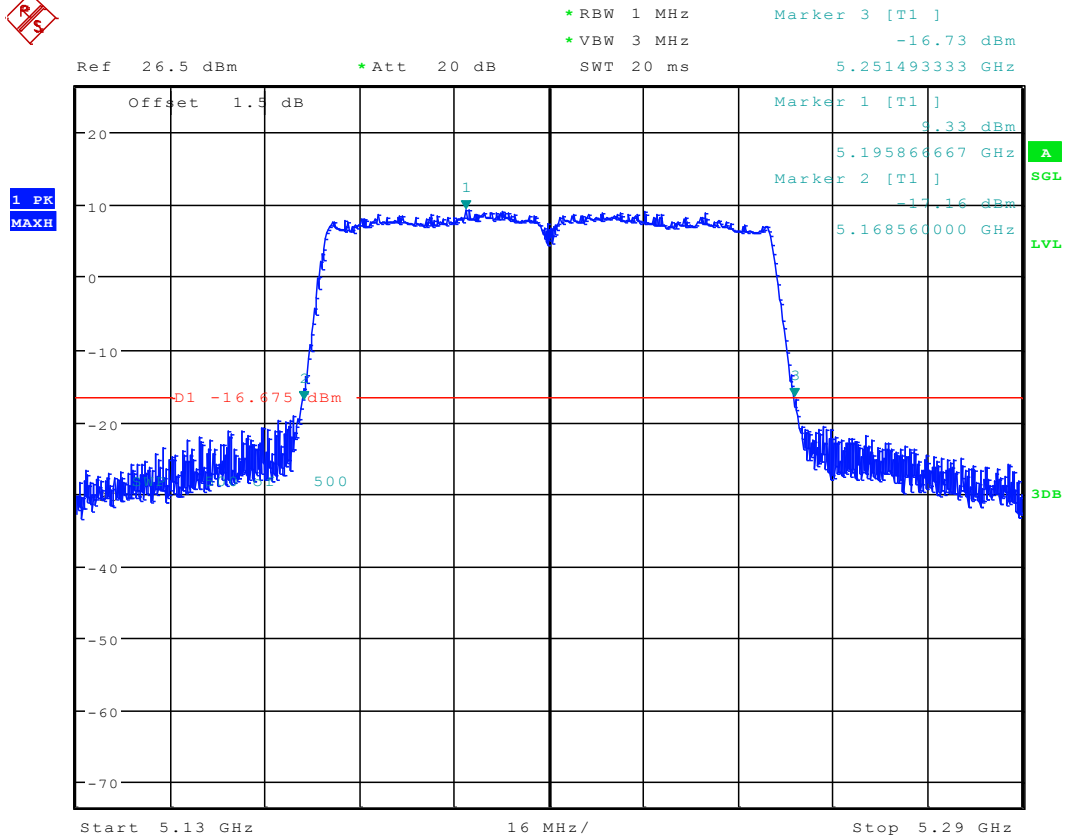
Date: 9.FEB.2017 12:56:42

2.56 11AC80_42 ANT 2



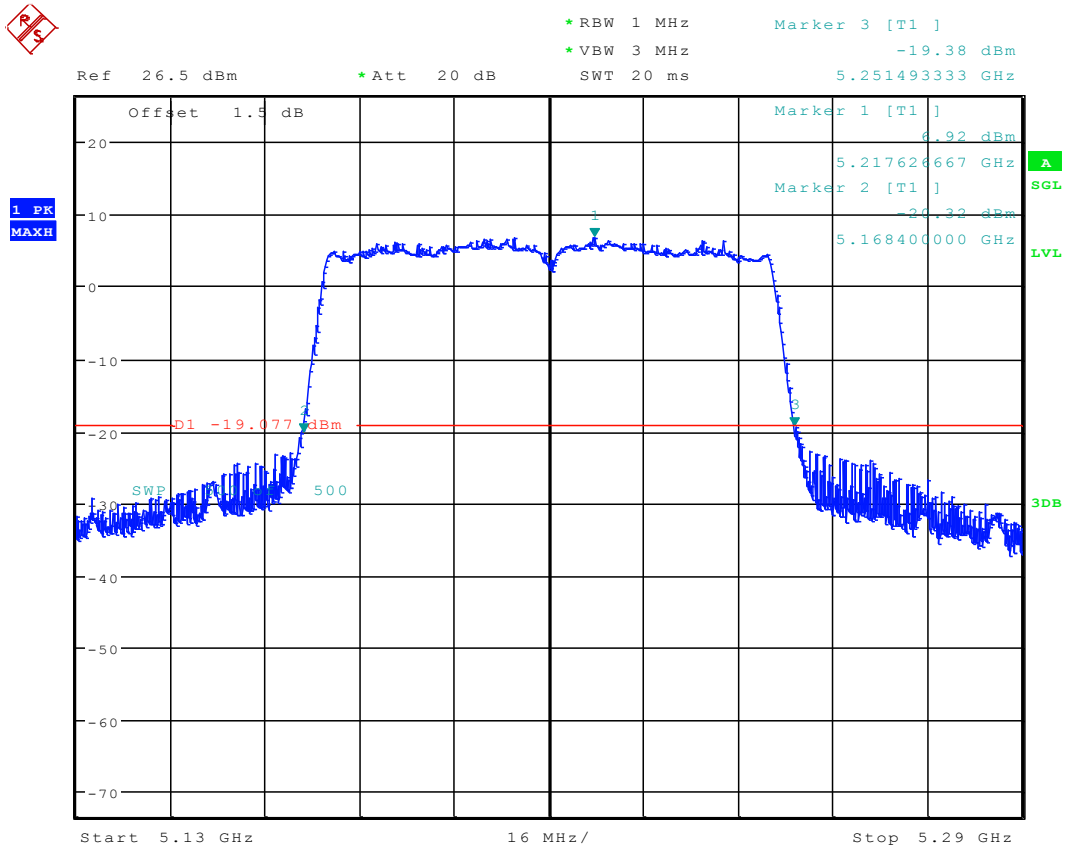
Date: 9.FEB.2017 16:44:18

2.57 11AC80_42 ANT 3



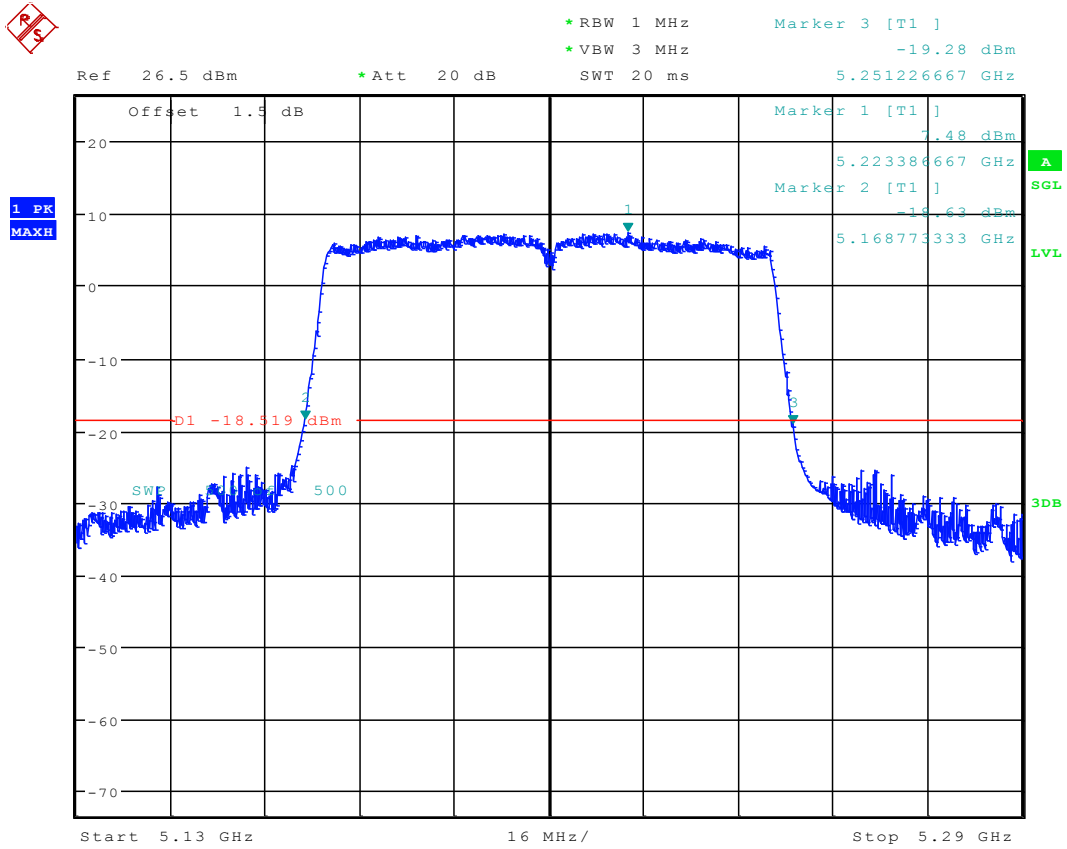
Date: 9.FEB.2017 20:30:10

2.58 11AC80MIMO_42 ANT 1



Date: 13.FEB.2017 10:26:36

2.59 11AC80MIMO_42 ANT 2



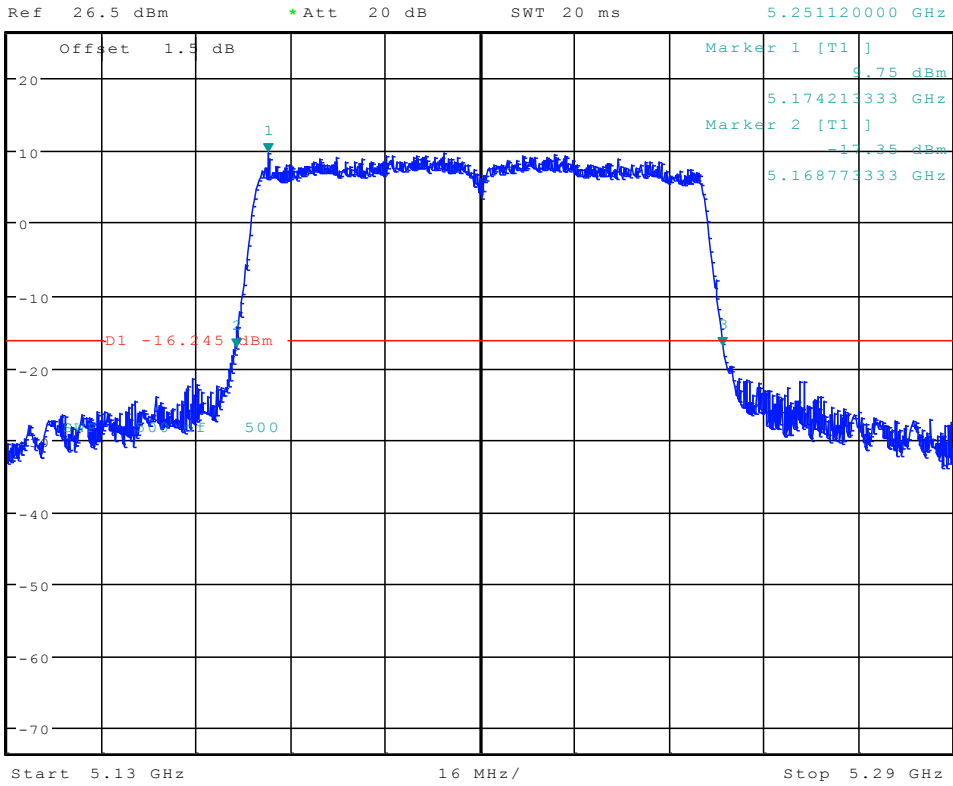
Date: 11.FEB.2017 18:12:37



2.60 11AC80MIMO_42 ANT 3



*RBW 1 MHz Marker 3 [T1]
 *VBW 3 MHz -17.09 dBm
 SWT 20 ms 5.251120000 GHz



Date: 14.FEB.2017 16:01:56



Appendix B Occupied Bandwidth (OBW)



3 Result Table

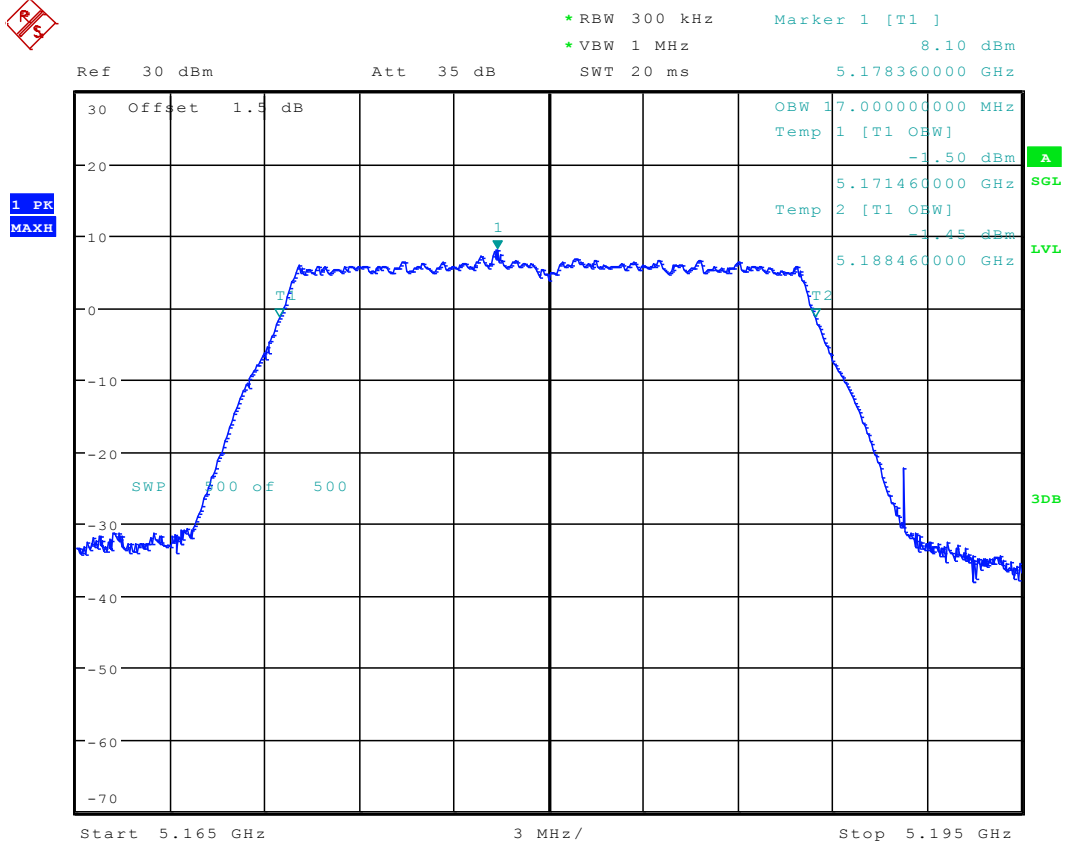
Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Occupied Bandwidth [MHz]	Verdict
11A20	36	5180	ANT 1	17	PASS
	36	5180	ANT 2	17	PASS
	36	5180	ANT 3	17.04	PASS
	48	5240	ANT 1	17	PASS
	48	5240	ANT 2	16.98	PASS
	48	5240	ANT 3	17.04	PASS
11N20	36	5180	ANT 1	18.04	PASS
	36	5180	ANT 2	18.02	PASS
	36	5180	ANT 3	18.02	PASS
	48	5240	ANT 1	18.04	PASS
	48	5240	ANT 2	18	PASS
	48	5240	ANT 3	18.04	PASS
11N20MIMO	36	5180	ANT 1	18	PASS
	36	5180	ANT 2	17.8	PASS
	36	5180	ANT 3	17.8	PASS
	48	5240	ANT 1	18.02	PASS
	48	5240	ANT 2	17.78	PASS
	48	5240	ANT 3	17.88	PASS
11N40	38	5190	ANT 1	36.44	PASS
	38	5190	ANT 2	36.42	PASS
	38	5190	ANT 3	36.46	PASS
	46	5230	ANT 1	36.46	PASS
	46	5230	ANT 2	36.44	PASS
	46	5230	ANT 3	36.46	PASS
11N40MIMO	38	5190	ANT 1	36.44	PASS
	38	5190	ANT 2	36.32	PASS
	38	5190	ANT 3	36.38	PASS
	46	5230	ANT 1	36.42	PASS
	46	5230	ANT 2	36.32	PASS
	46	5230	ANT 3	36.36	PASS
11AC20	36	5180	ANT 1	18.04	PASS
	36	5180	ANT 2	18	PASS
	36	5180	ANT 3	18.06	PASS
	48	5240	ANT 1	18.02	PASS



	48	5240	ANT 2	18	PASS
	48	5240	ANT 3	18.06	PASS
11AC20MIMO	36	5180	ANT 1	18.04	PASS
	36	5180	ANT 2	17.78	PASS
	36	5180	ANT 3	17.86	PASS
	48	5240	ANT 1	18.02	PASS
	48	5240	ANT 2	17.8	PASS
	48	5240	ANT 3	17.86	PASS
11AC40	38	5190	ANT 1	36.44	PASS
	38	5190	ANT 2	36.46	PASS
	38	5190	ANT 3	36.44	PASS
	46	5230	ANT 1	36.44	PASS
	46	5230	ANT 2	36.46	PASS
	46	5230	ANT3	36.46	PASS
11AC40MIMO	38	5190	ANT 1	36.46	PASS
	38	5190	ANT 2	36.28	PASS
	38	5190	ANT 3	36.36	PASS
	46	5230	ANT 1	36.42	PASS
	46	5230	ANT 2	36.3	PASS
	46	5230	ANT3	36.36	PASS
11AC80	42	5210	ANT 1	75.8	PASS
	42	5210	ANT 2	75.76	PASS
	42	5210	ANT 3	75.84	PASS
11AC80MIMO	42	5210	ANT 1	75.84	PASS
	42	5210	ANT 2	75.64	PASS
	42	5210	ANT 3	75.76	PASS

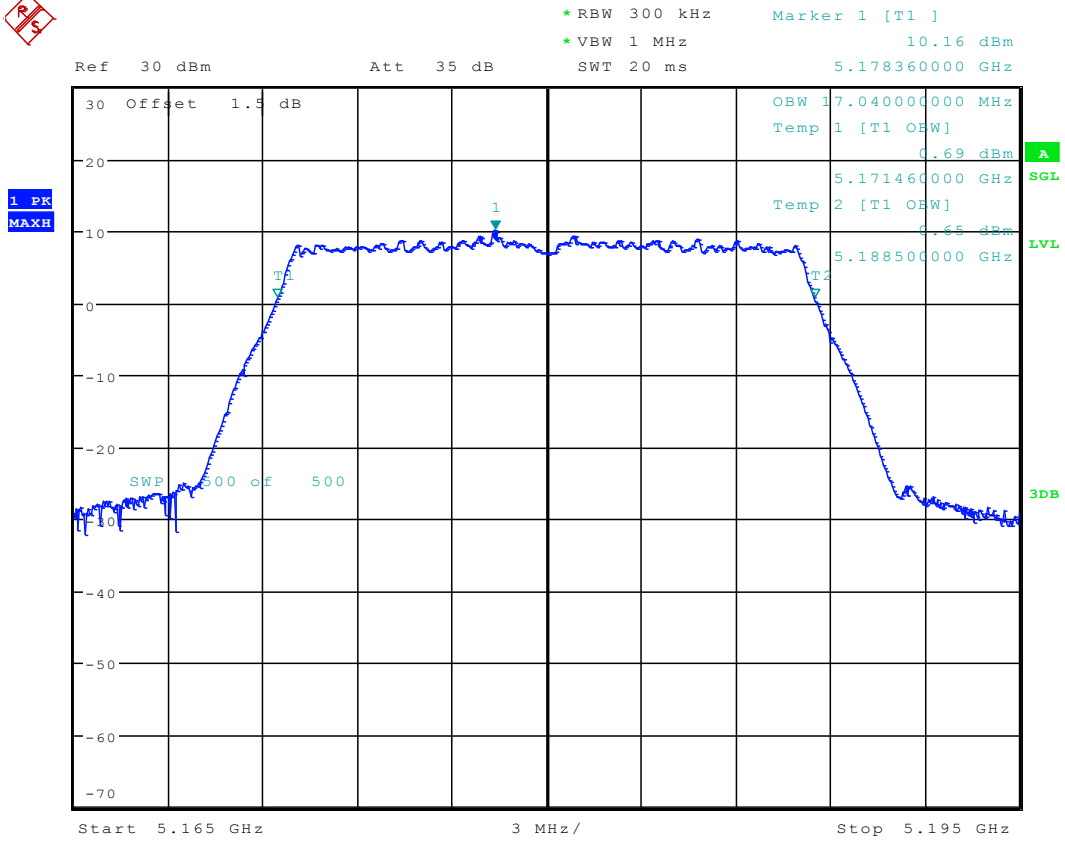
4 Test Plot

4.1 11A20_36 ANT 1



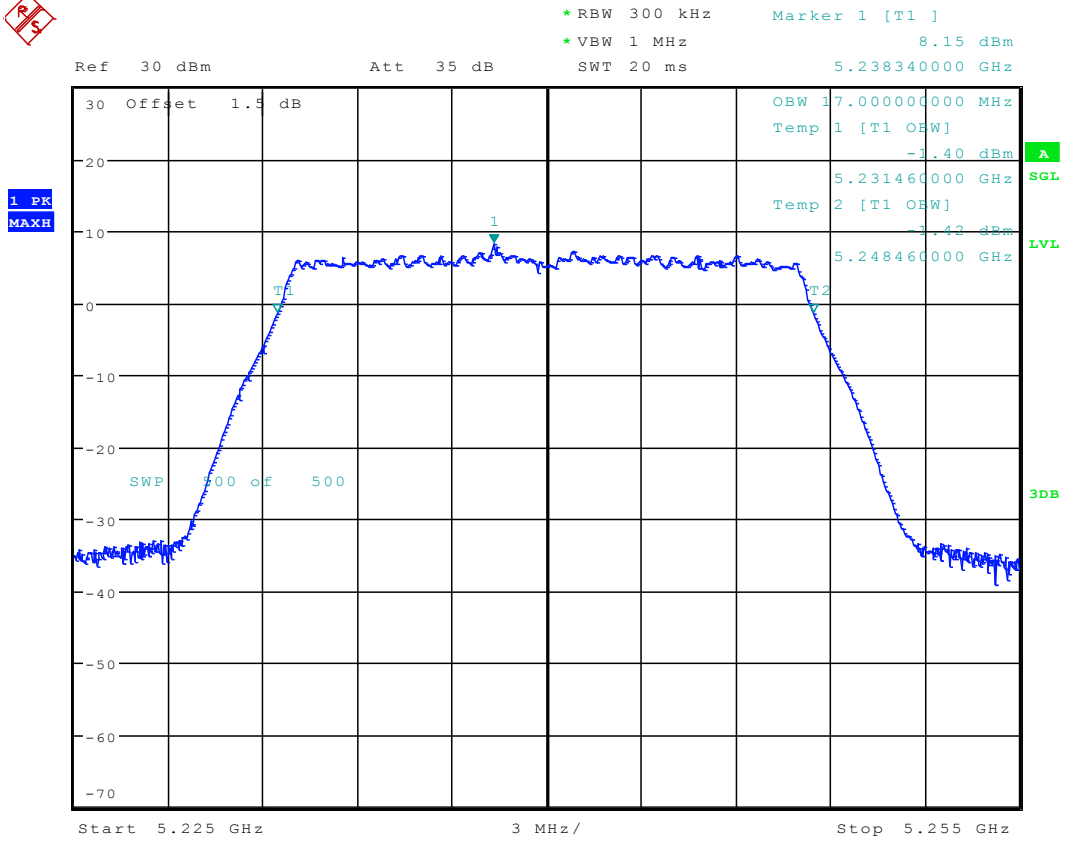
Date: 8.FEB.2017 16:51:19

4.3 11A20_36 ANT 3



Date: 9.FEB.2017 18:18:54

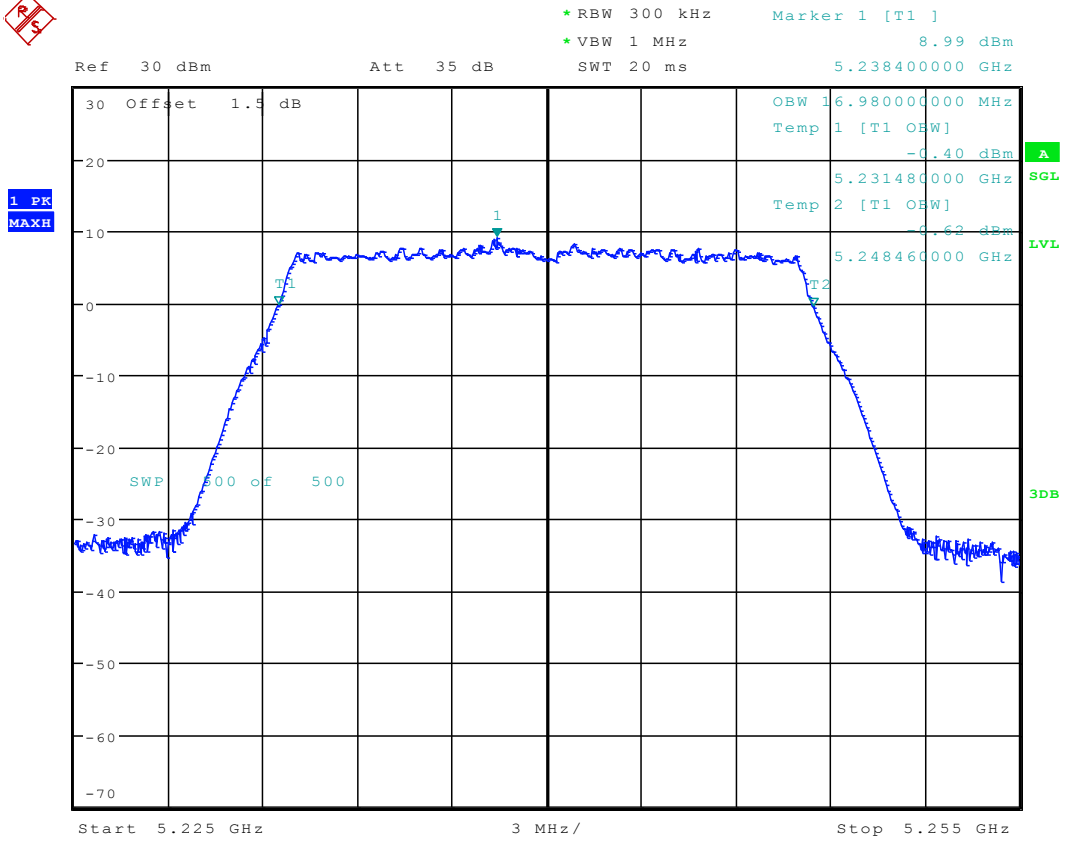
4.4 11A20_48 ANT 1



Date: 8.FEB.2017 17:10:28

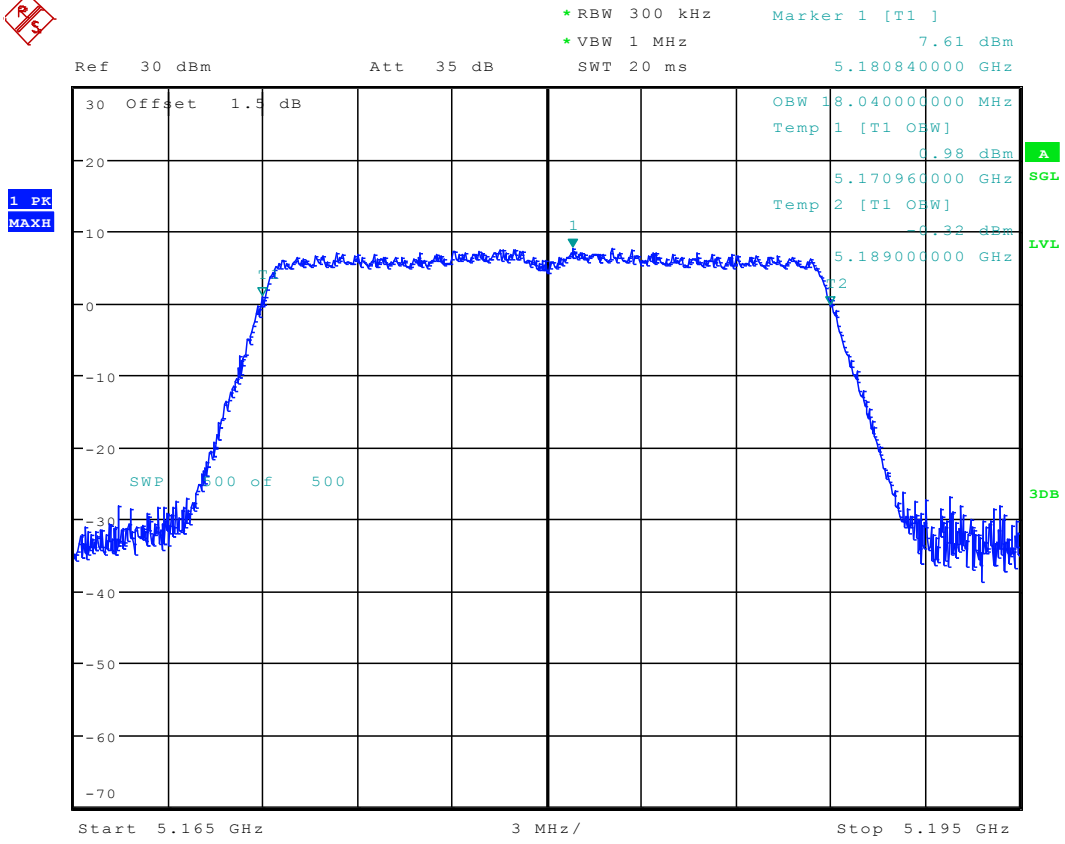


4.5 11A20_48 ANT 2



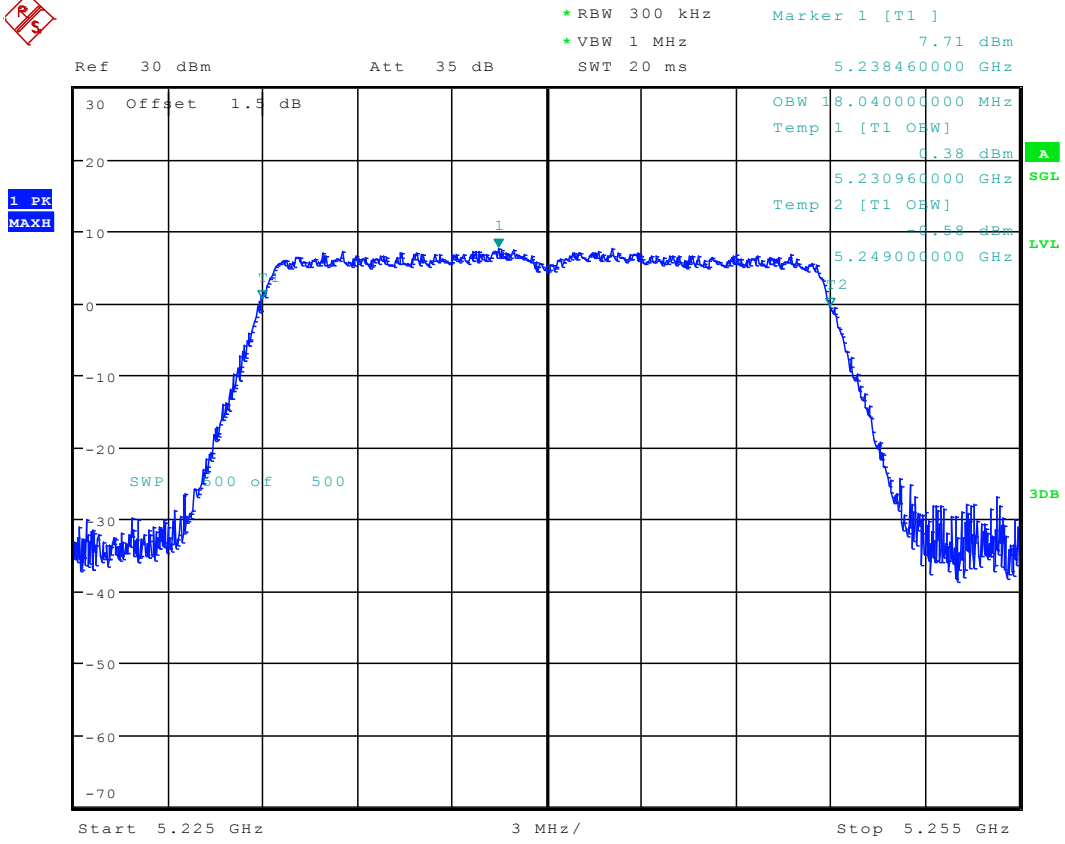
Date: 9.FEB.2017 15:23:23

4.7 11N20_36 ANT 1



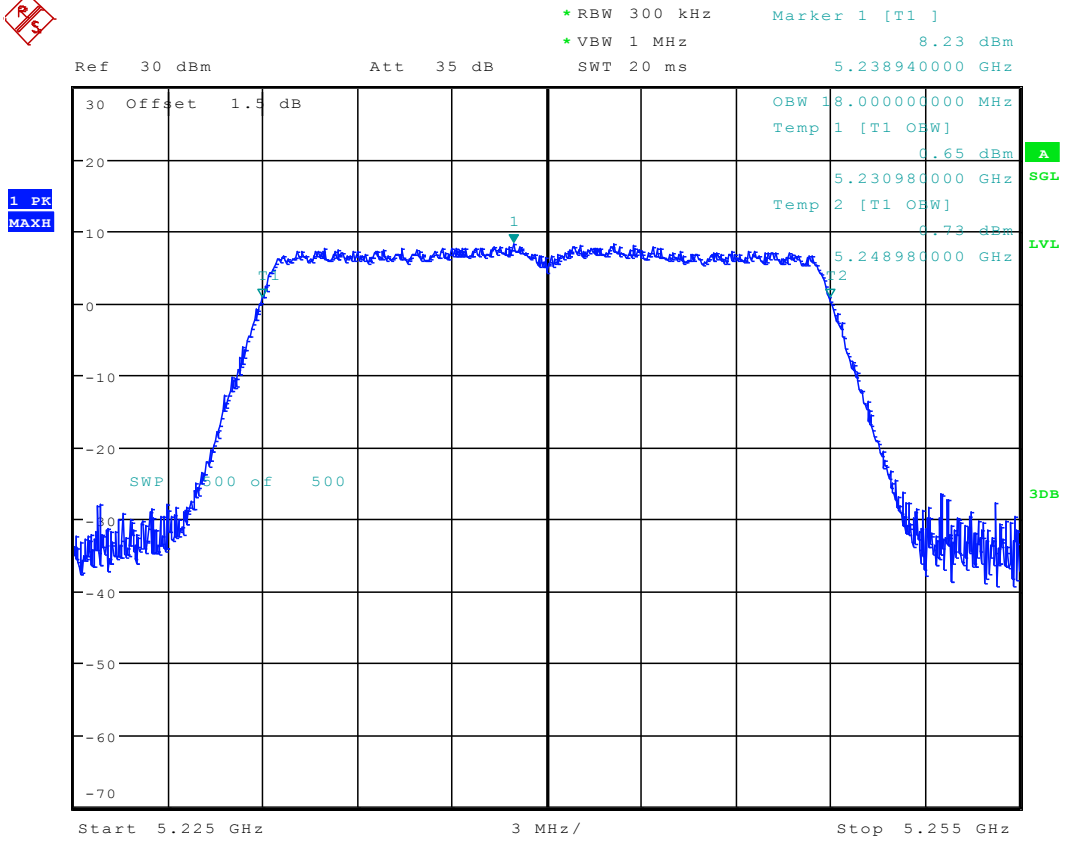
Date: 8.FEB.2017 18:24:43

4.10 11N20_48 ANT 1



Date: 8.FEB.2017 18:30:55

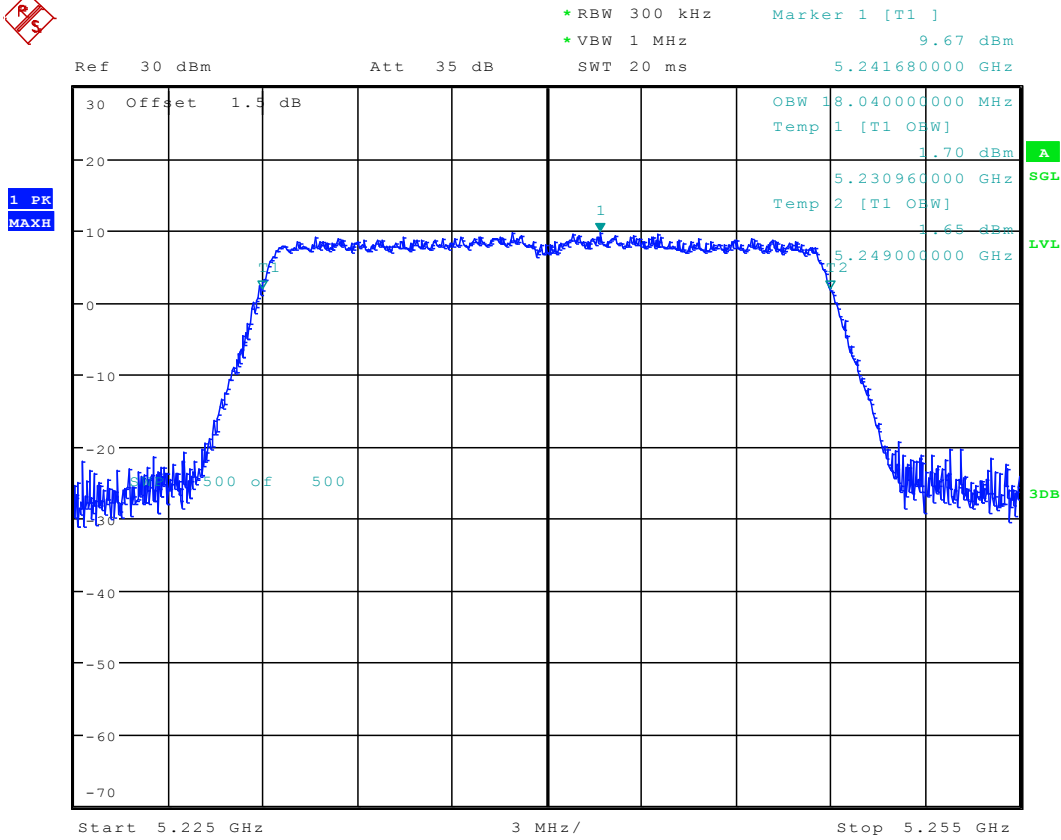
4.11 11N20_48 ANT 2



Date: 9.FEB.2017 15:47:15



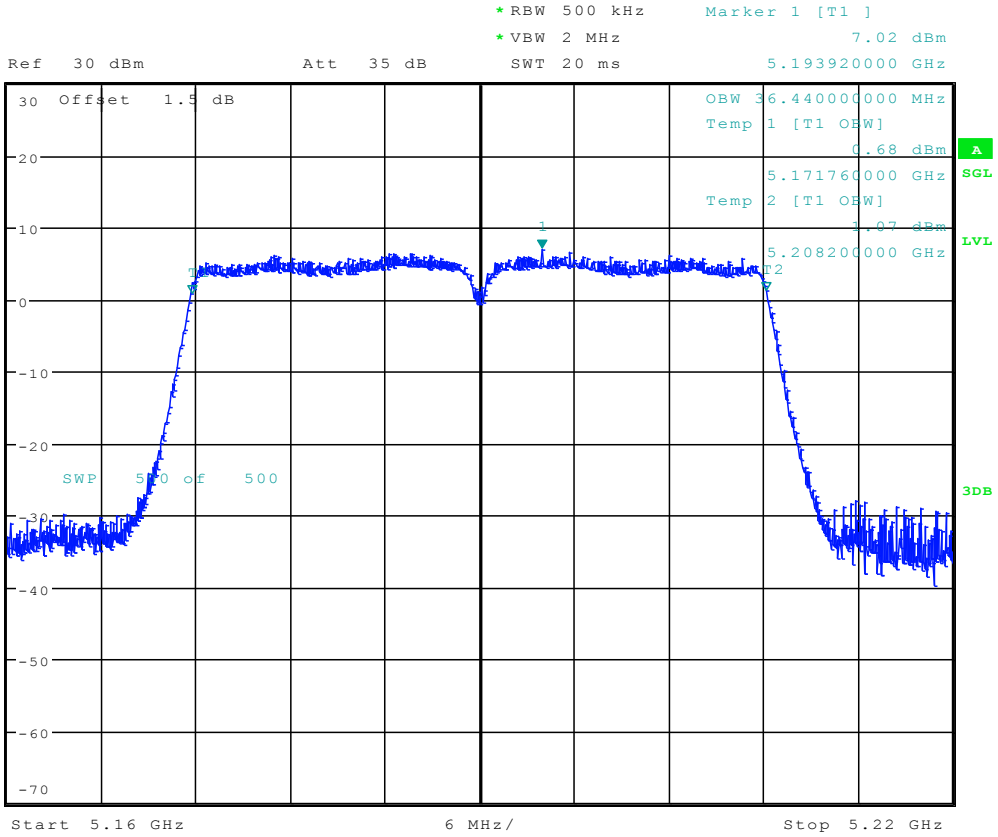
4.12 11N20_48 ANT 3



Date: 9.FEB.2017 18:42:48



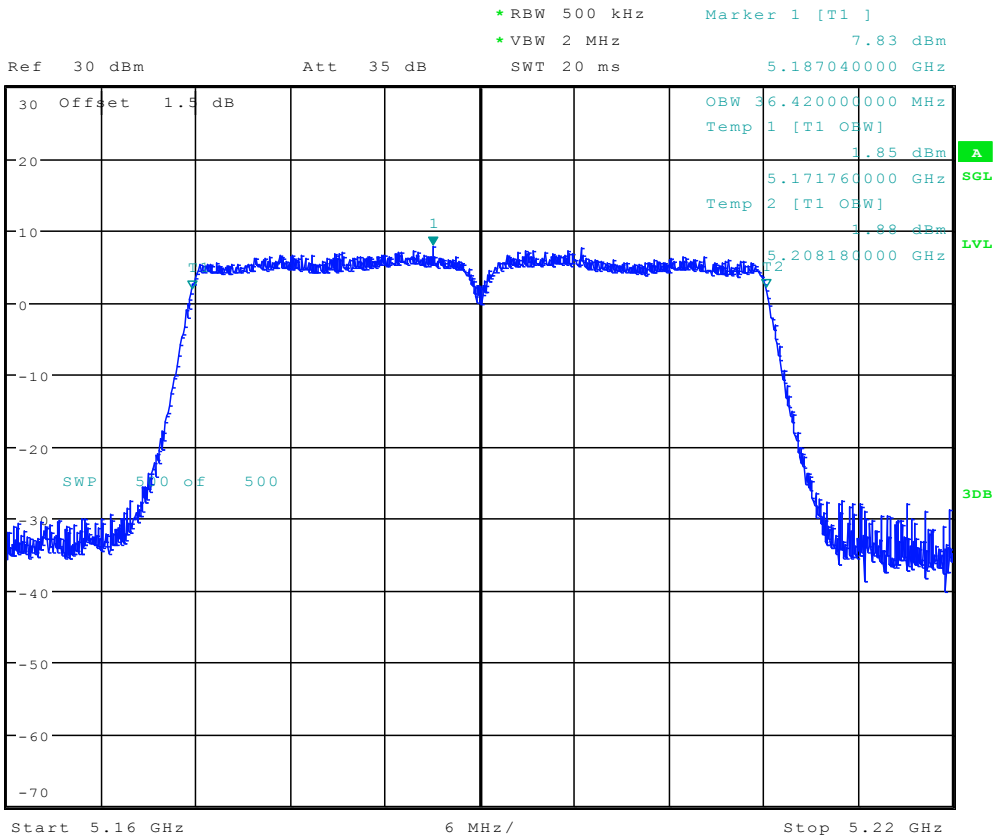
4.19 11N40_38 ANT 1



Date: 9.FEB.2017 11:26:50

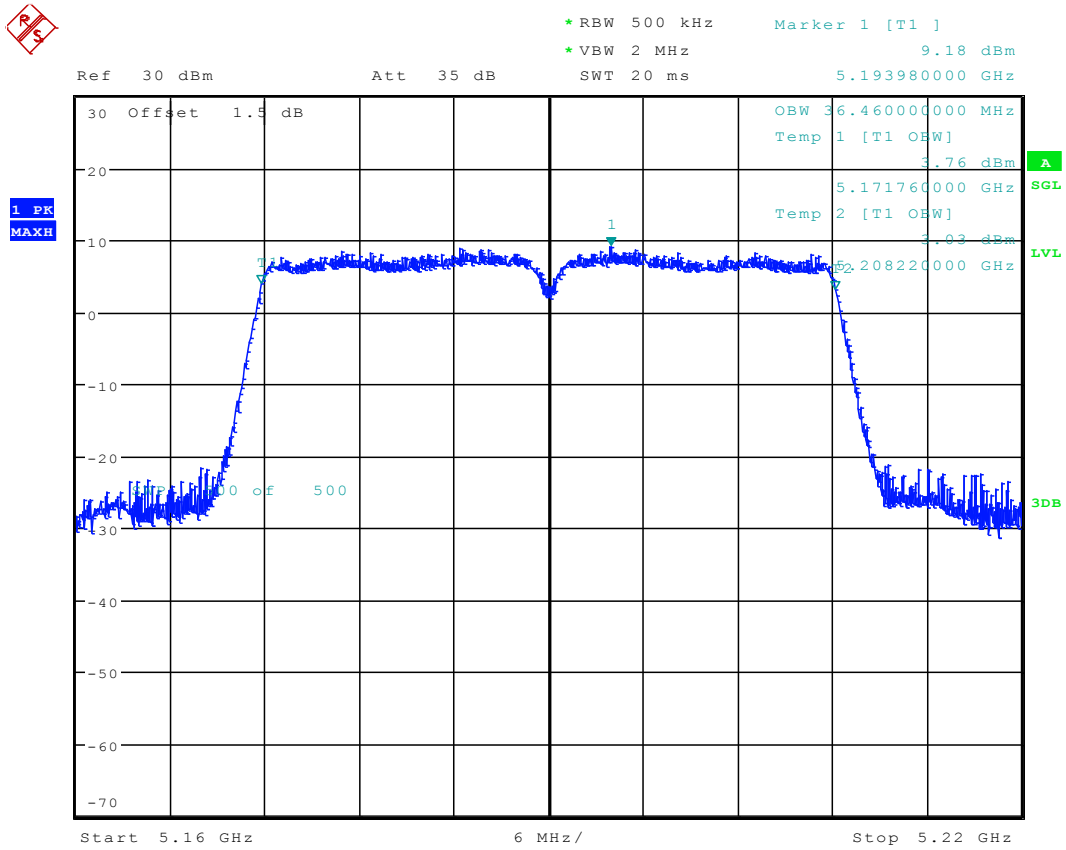


4.20 11N40_38 ANT 2



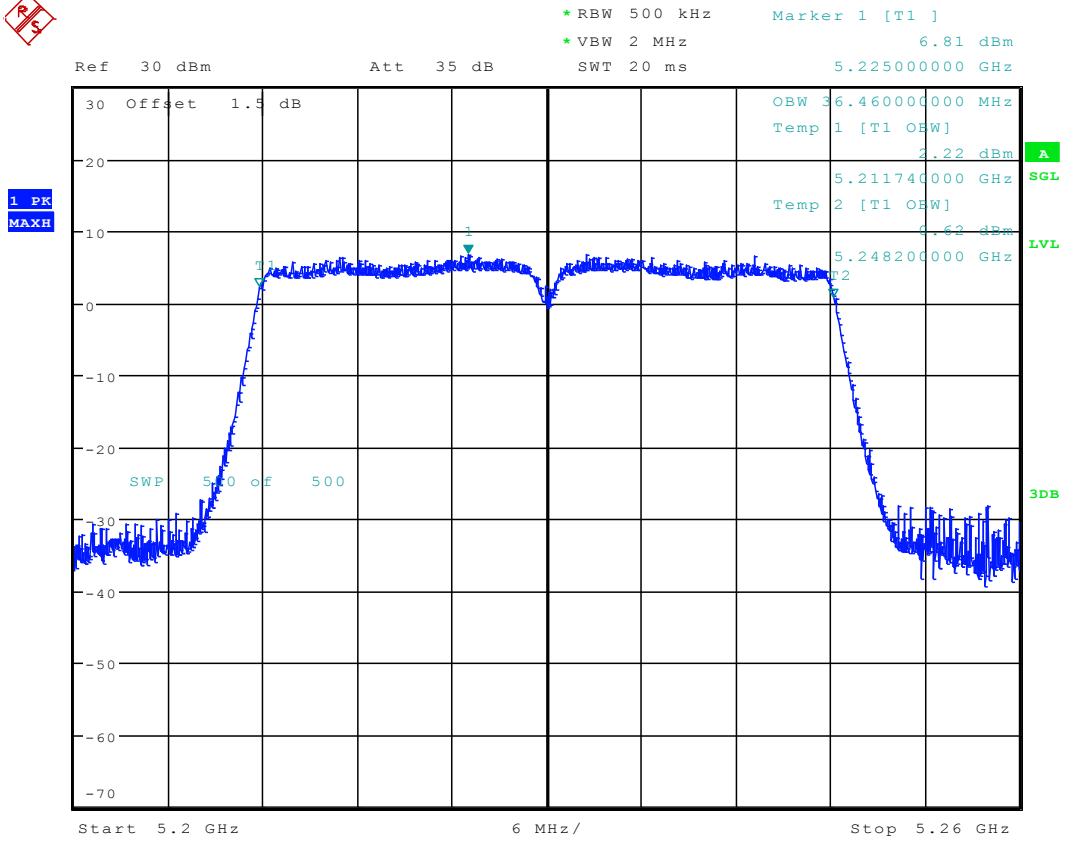
Date: 9.FEB.2017 16:16:39

4.21 11N40_38 ANT 3



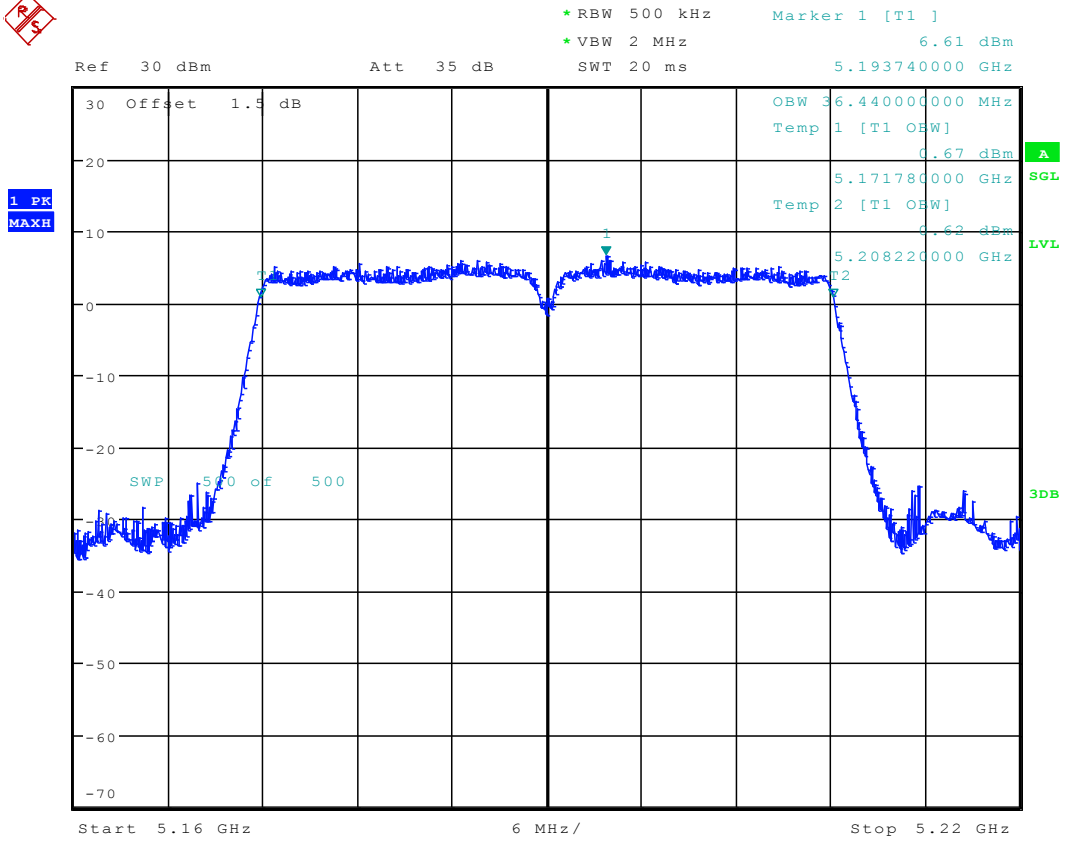
Date: 9.FEB.2017 19:49:55

4.22 11N40_46 ANT 1



Date: 9.FEB.2017 11:34:02

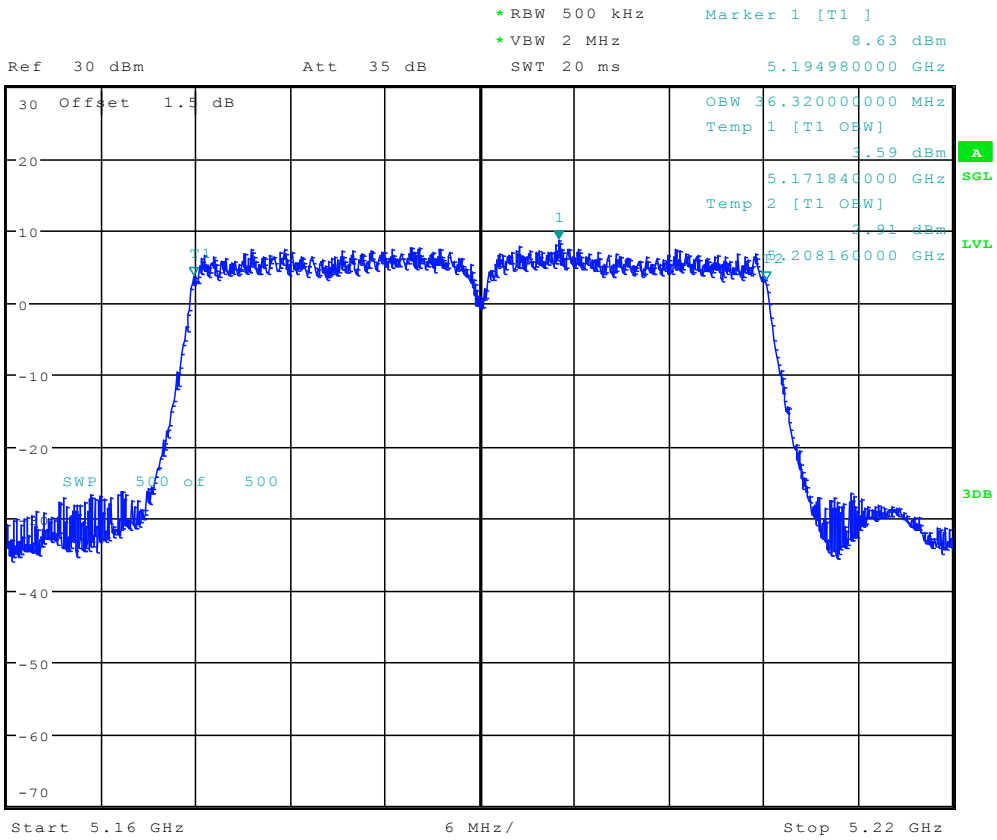
4.25 11N40MIMO_38 ANT 1



Date: 11.FEB.2017 18:49:06



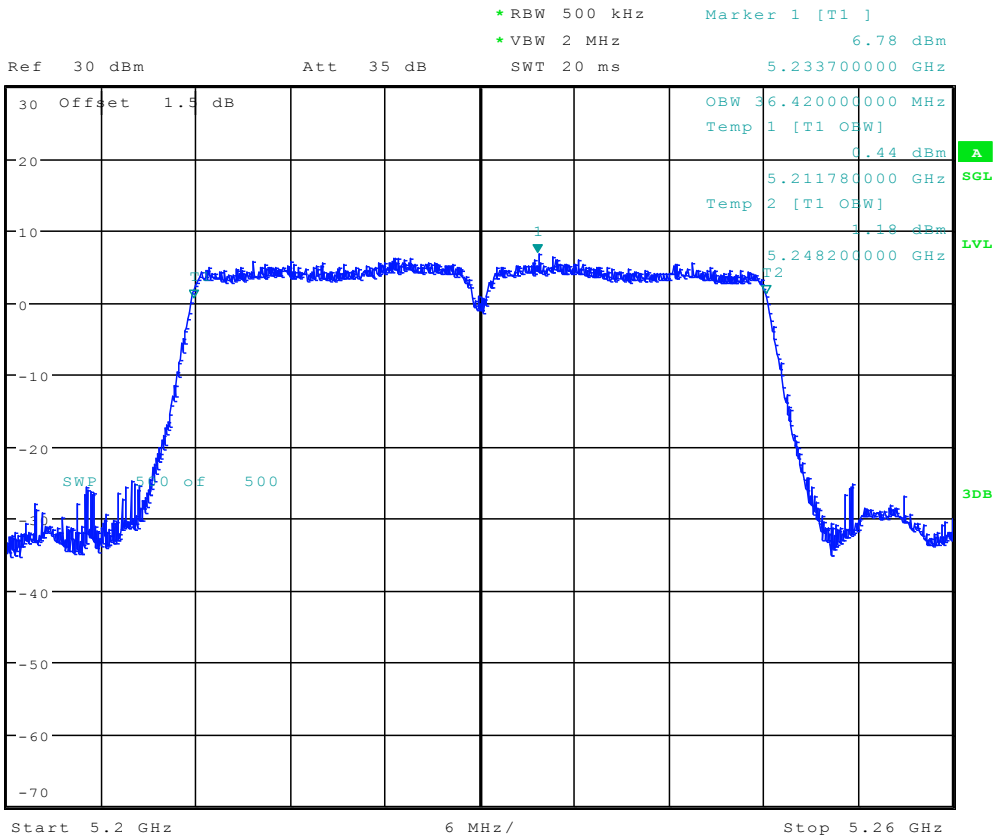
4.26 11N40MIMO_38 ANT 2



Date: 11.FEB.2017 17:33:18



4.28 11N40MIMO_46 ANT 1



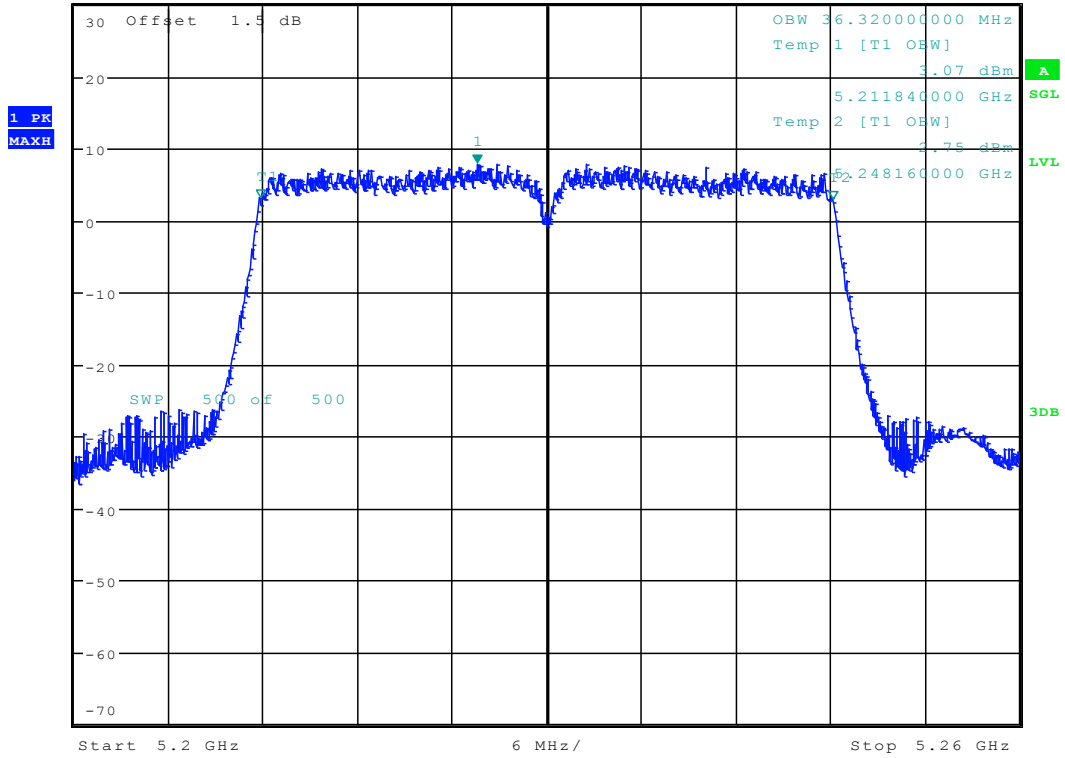
Date: 11.FEB.2017 18:54:14



4.29 11N40MIMO_46 ANT 2



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz 7.90 dBm
 Ref 30 dBm Att 35 dB SWT 20 ms 5.225620000 GHz



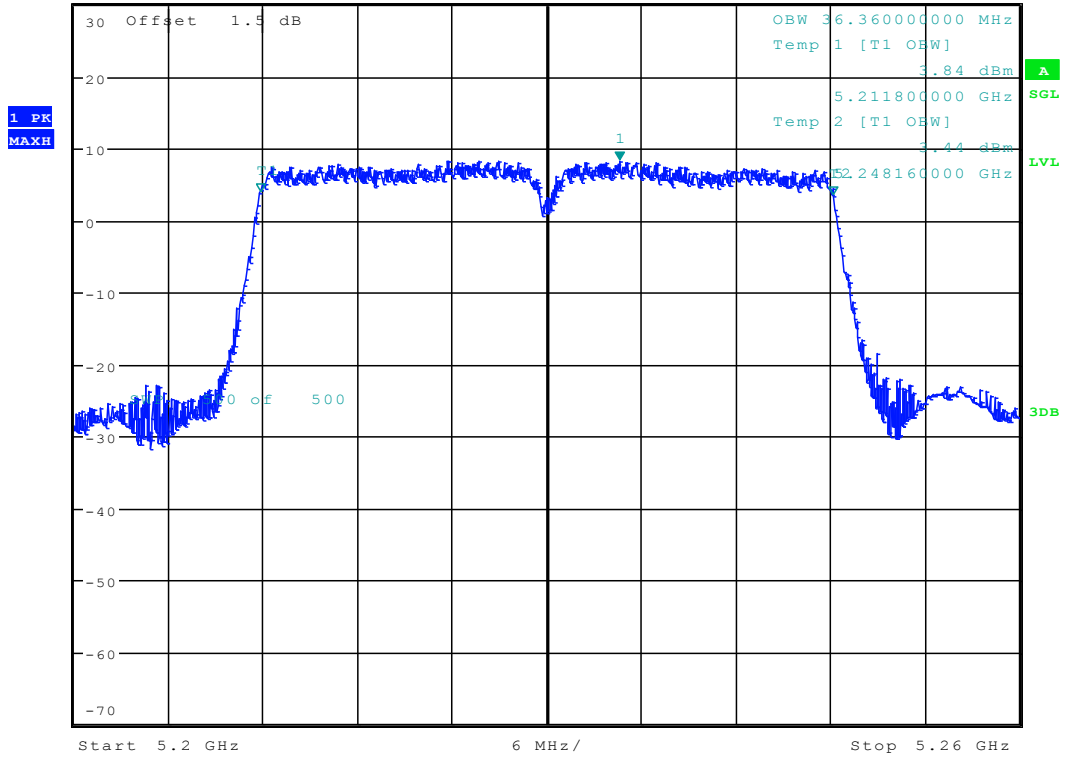
Date: 11.FEB.2017 17:38:40



4.3011N40MIMO_46 ANT 3

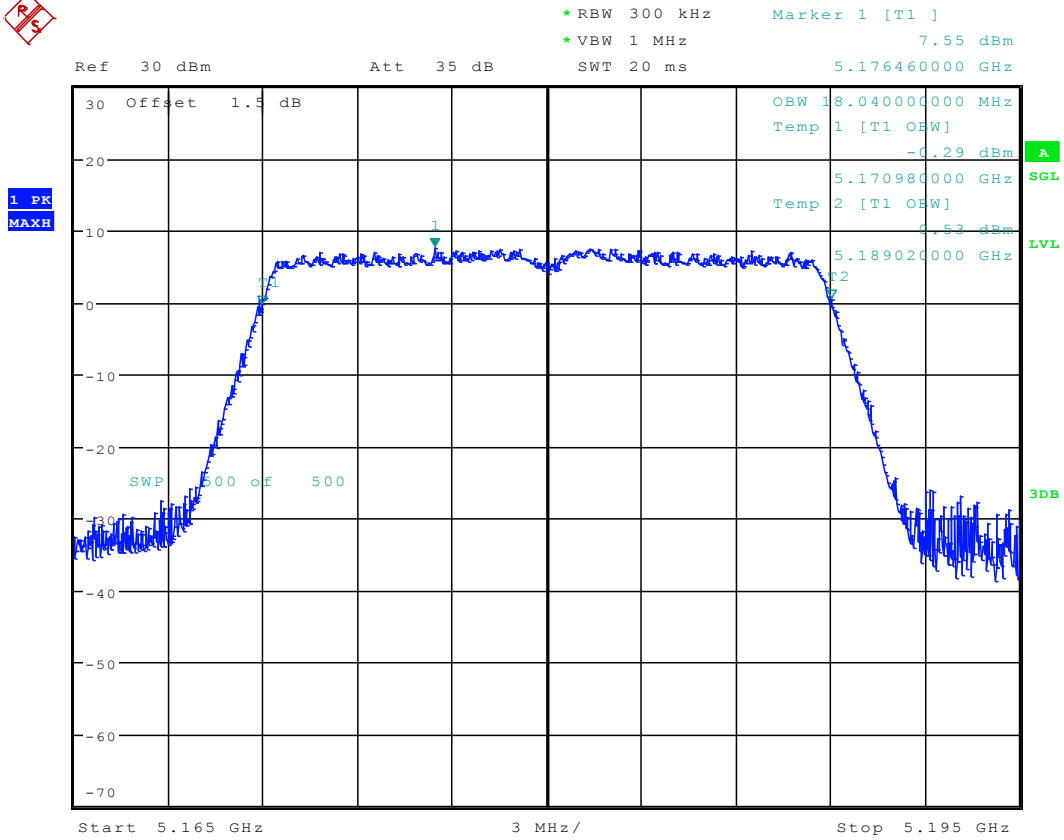


*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz 8.26 dBm
 Ref 30 dBm Att 35 dB SWT 20 ms 5.234640000 GHz



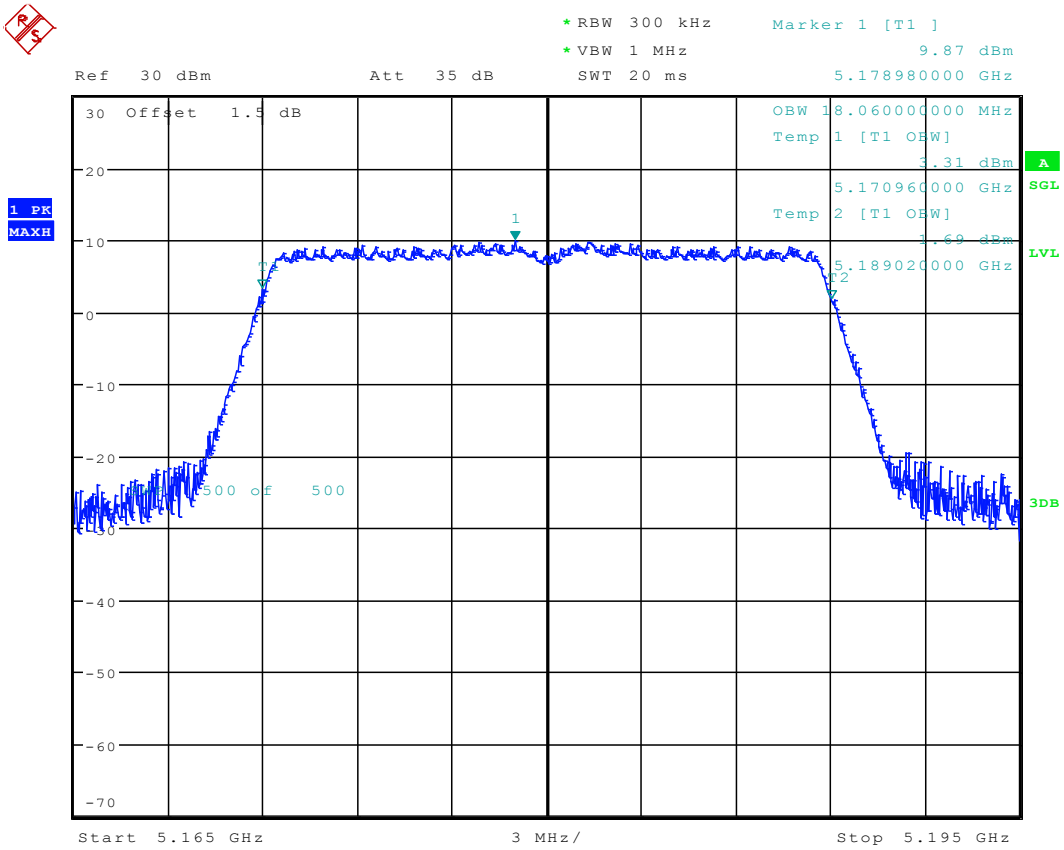
Date: 11.FEB.2017 16:56:25

4.31 11AC20_36 ANT 1



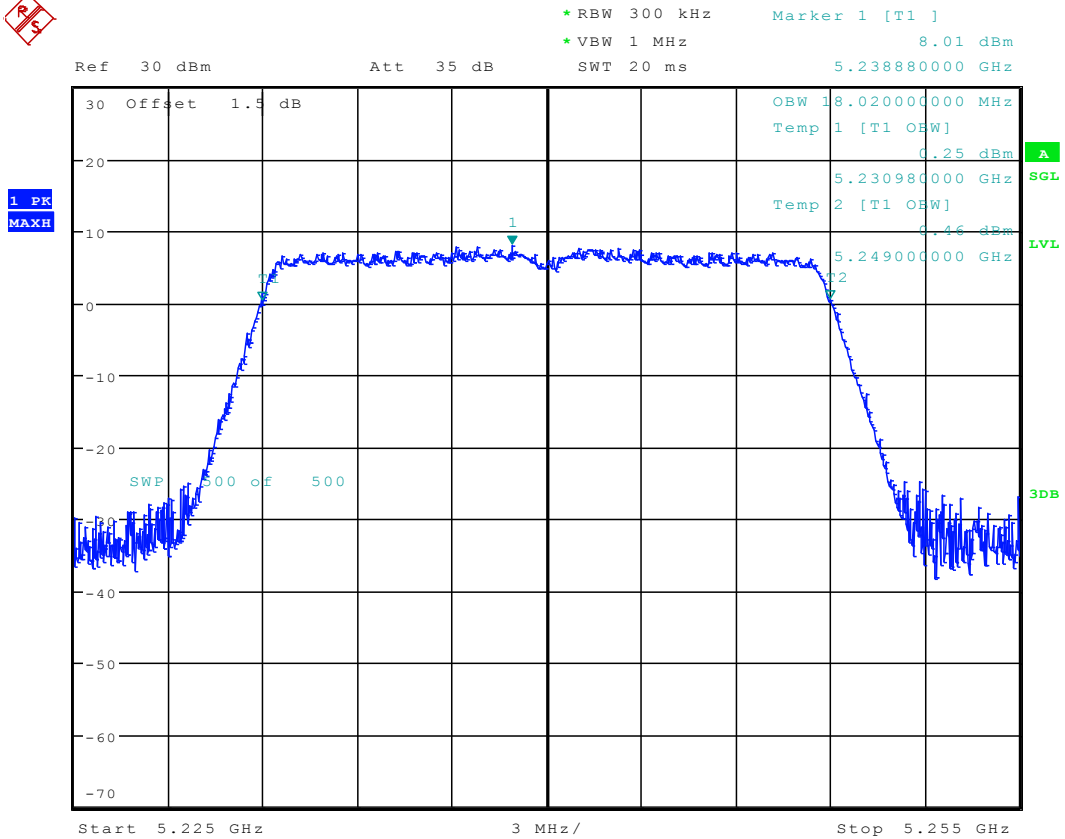
Date: 9.FEB.2017 10:40:17

4.33 11AC20_36 ANT 3



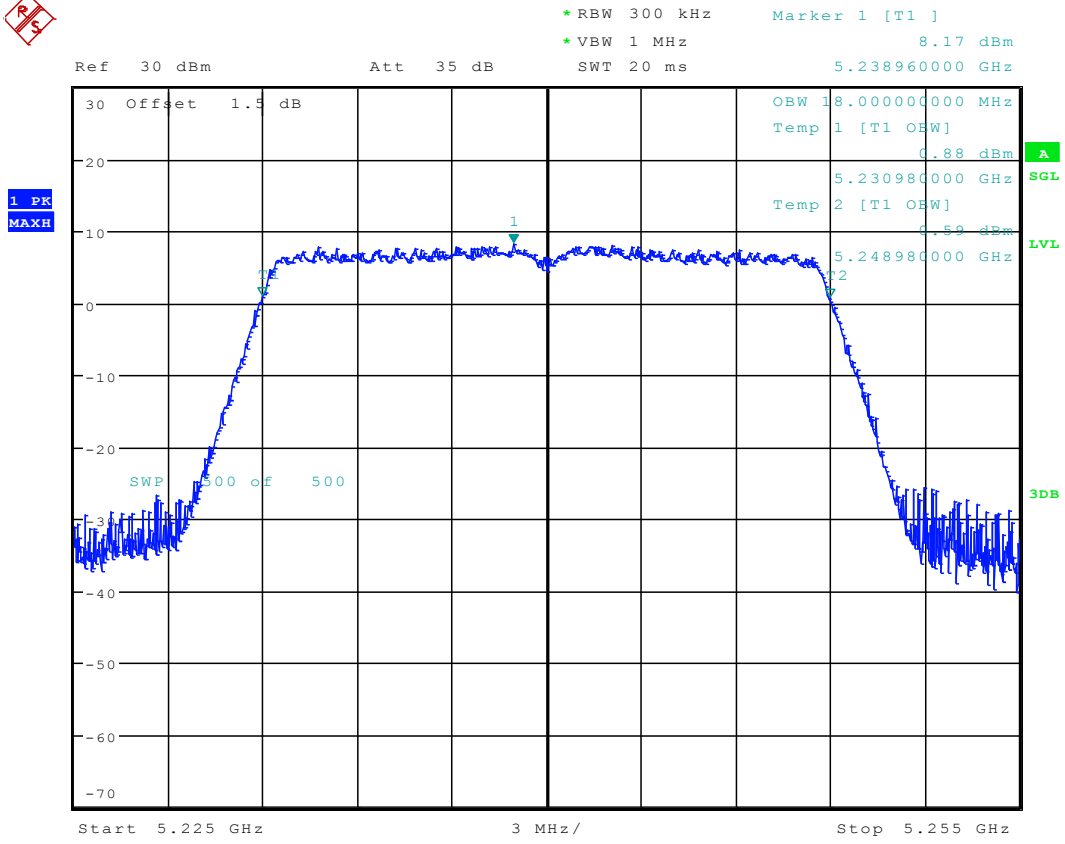
Date: 9.FEB.2017 19:28:23

4.34 11AC20_48 ANT 1



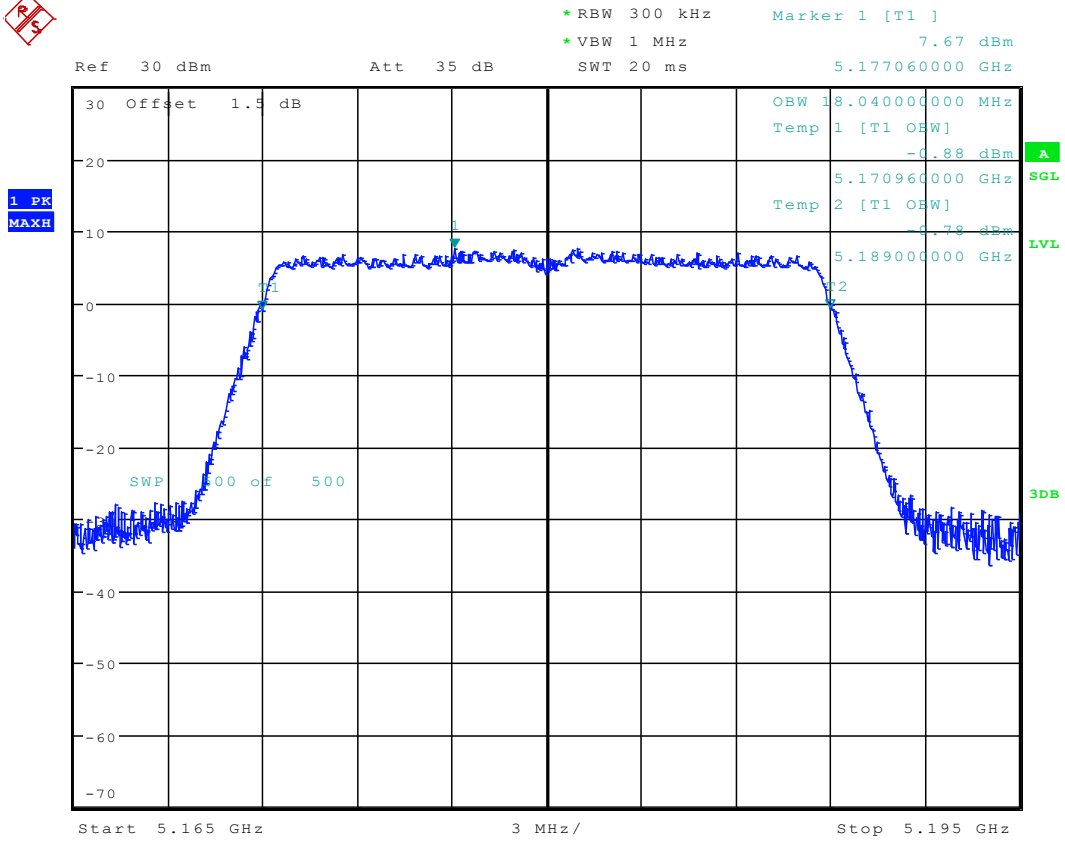
Date: 9.FEB.2017 10:45:39

4.35 11AC20_48 ANT 2



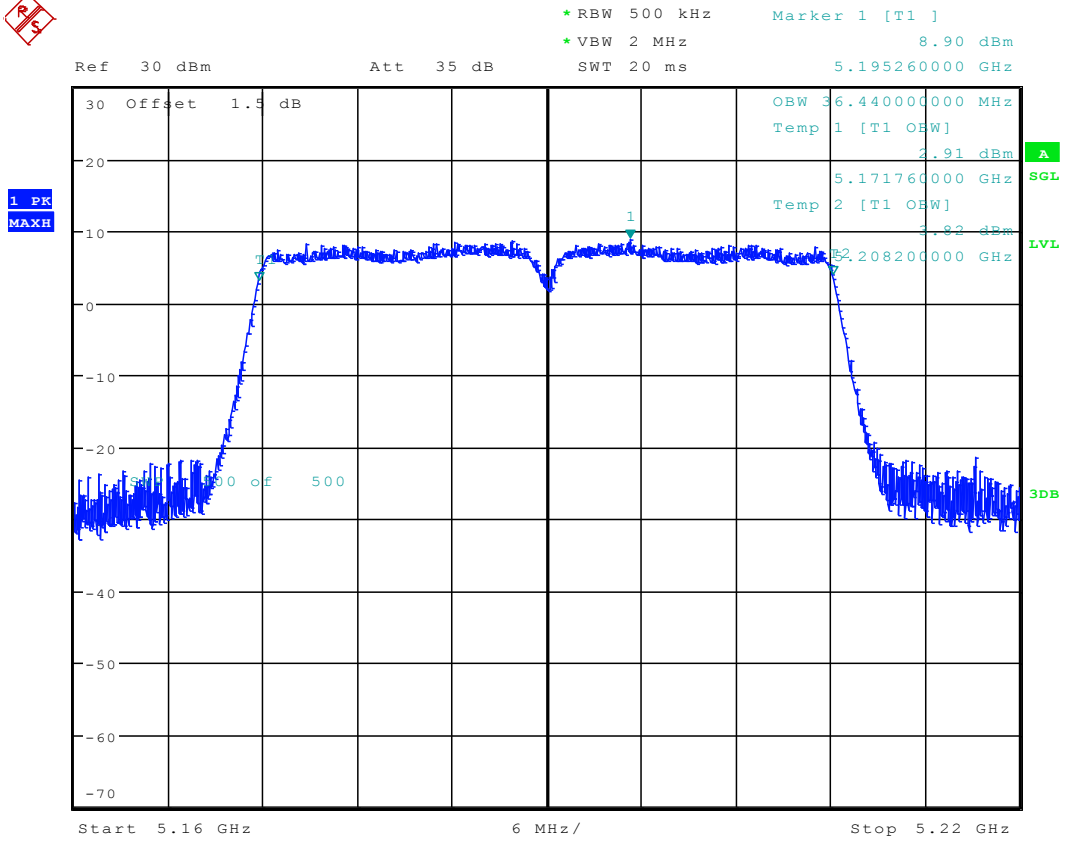
Date: 9.FEB.2017 16:01:34

4.37 11AC20MIMO_36 ANT 1



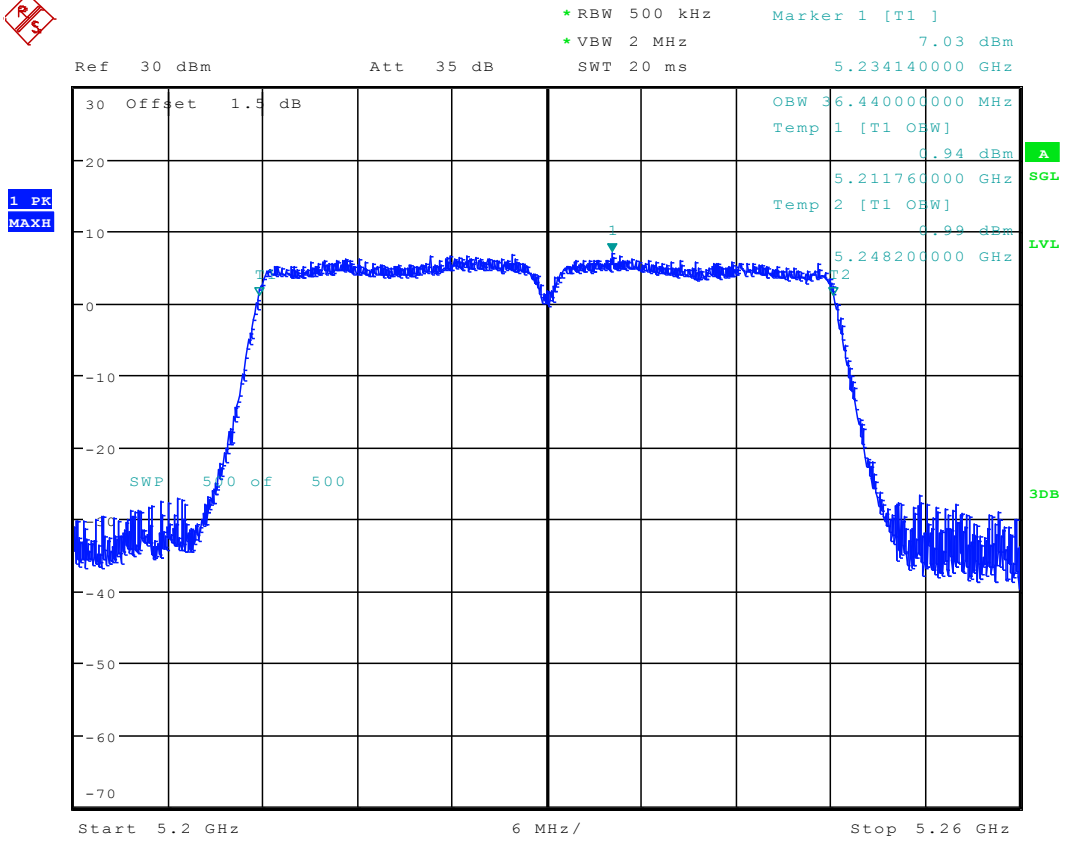
Date: 13.FEB.2017 09:47:39

4.45 11AC40_38 ANT 3



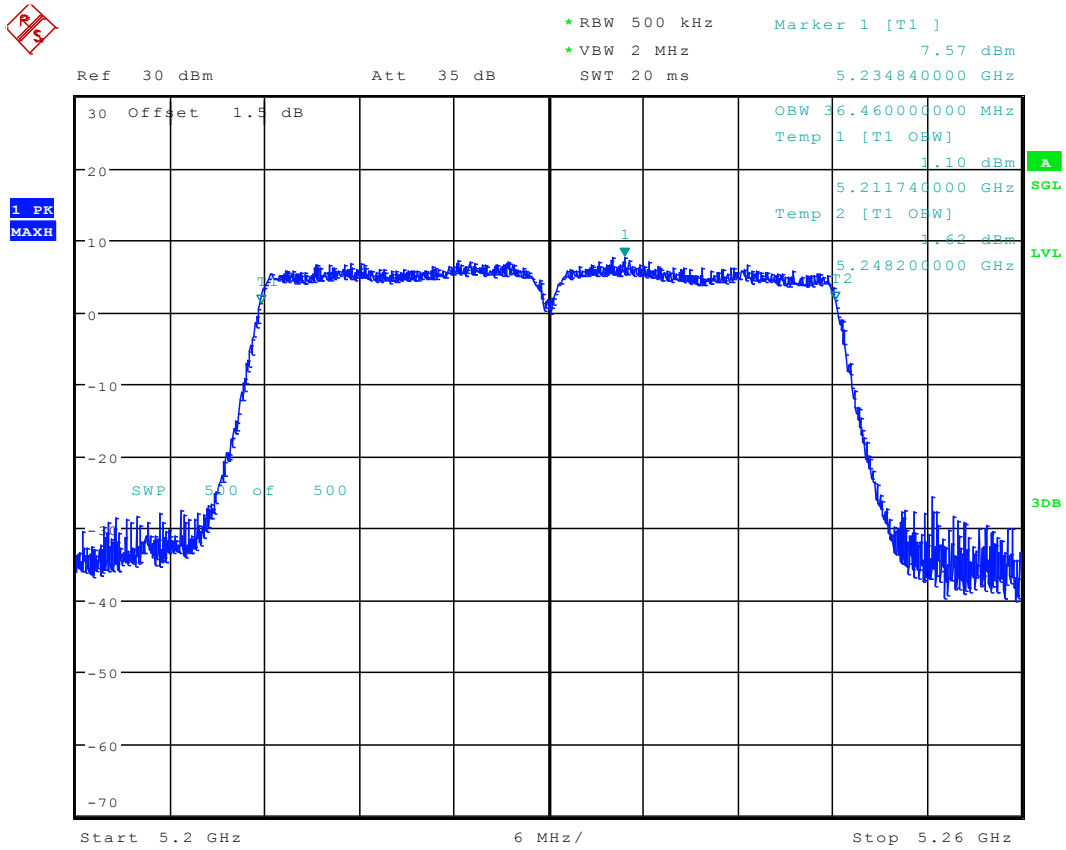
Date: 9.FEB.2017 20:04:18

4.46 11AC40_46 ANT 1



Date: 9.FEB.2017 12:20:14

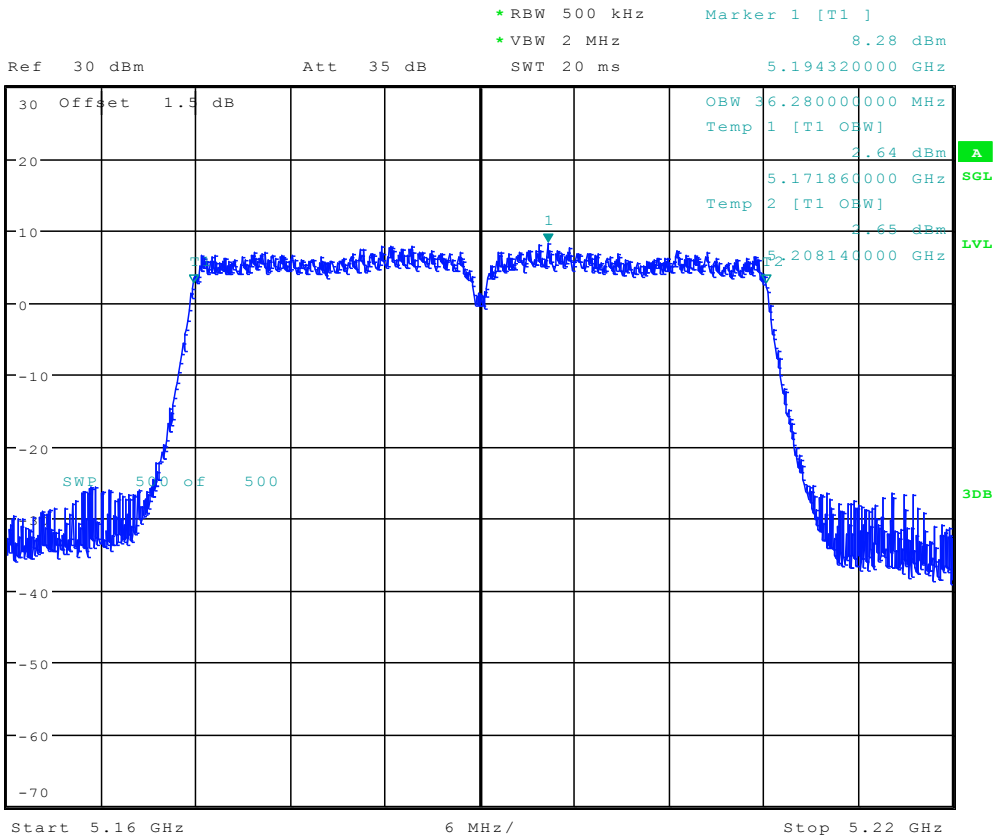
4.47 11AC40_46 ANT 2



Date: 9.FEB.2017 16:36:10



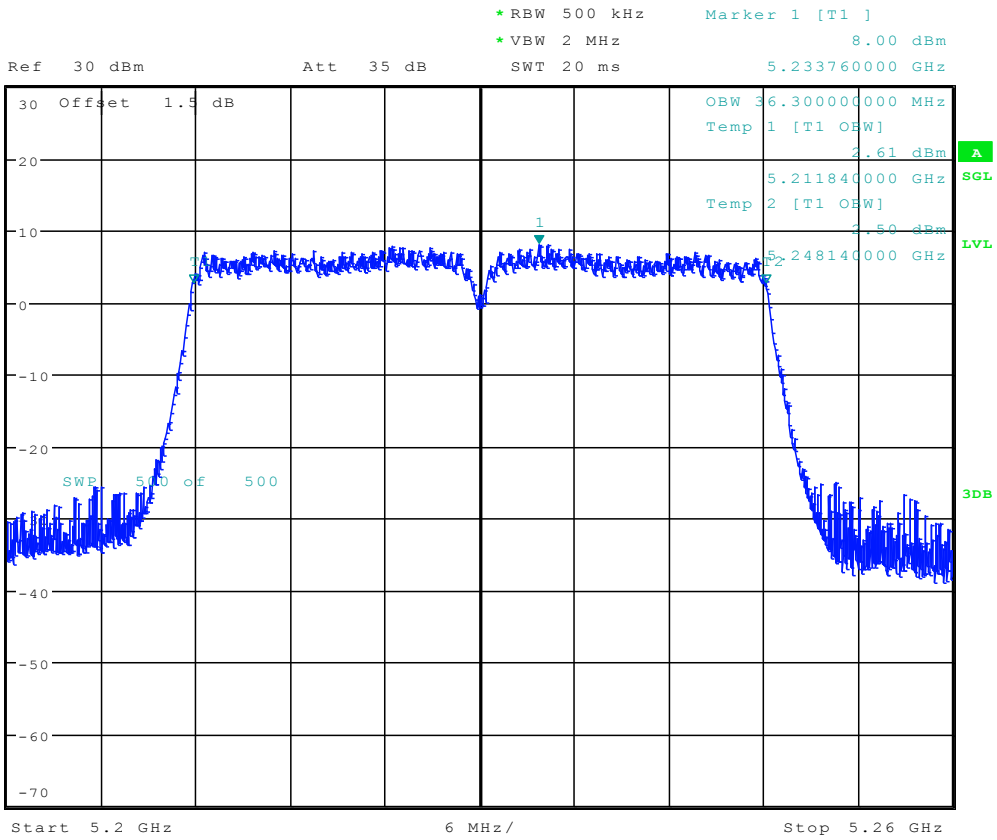
4.50 11AC40MIMO_38 ANT 2



Date: 11.FEB.2017 17:59:18



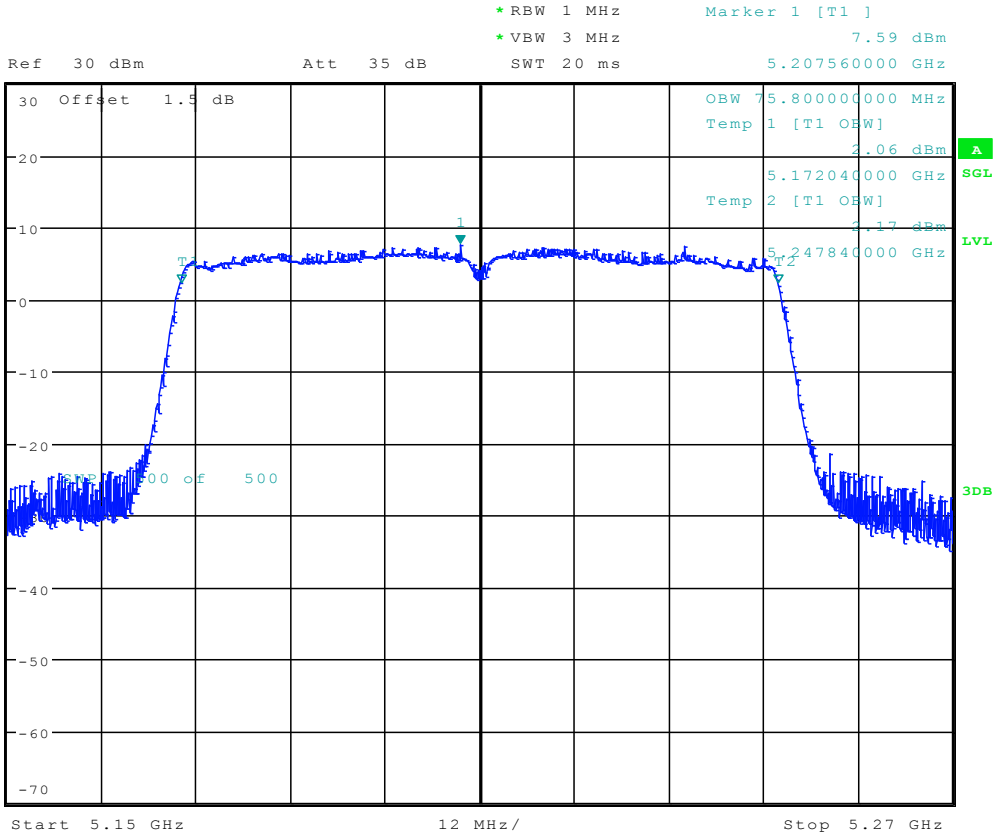
4.53 11AC40MIMO_46 ANT 2



Date: 11.FEB.2017 18:04:32



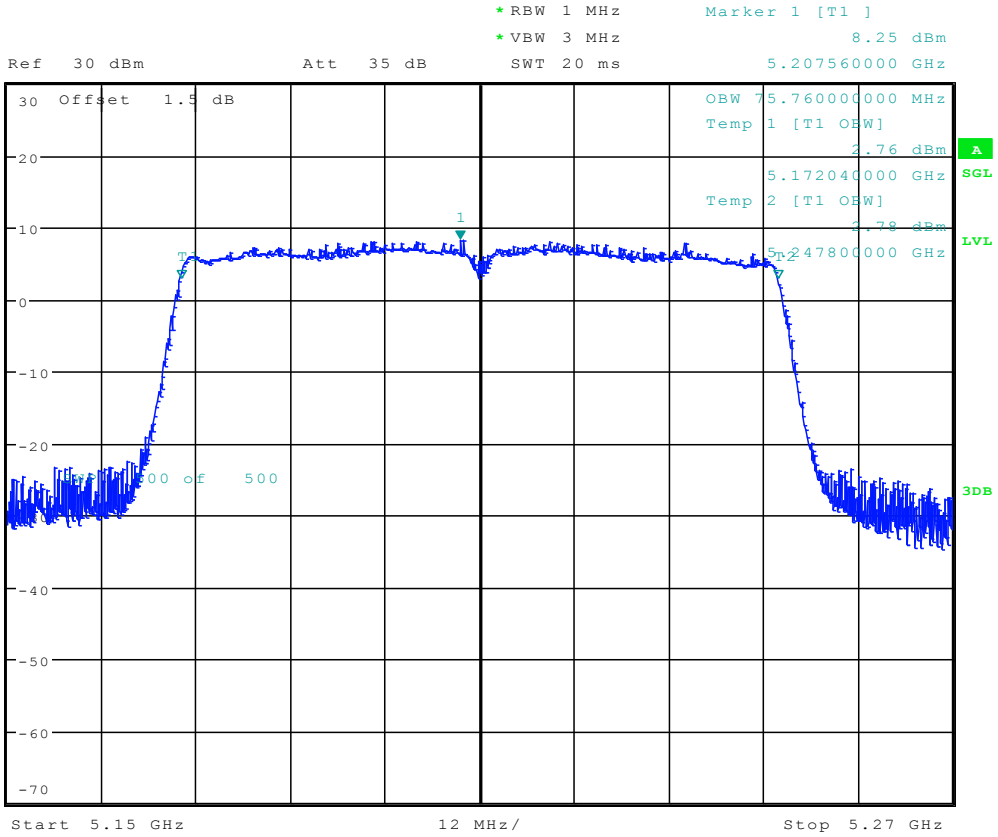
4.55 11AC80_42 ANT 1



Date: 9.FEB.2017 12:57:34



4.56 11AC80_42 ANT 2



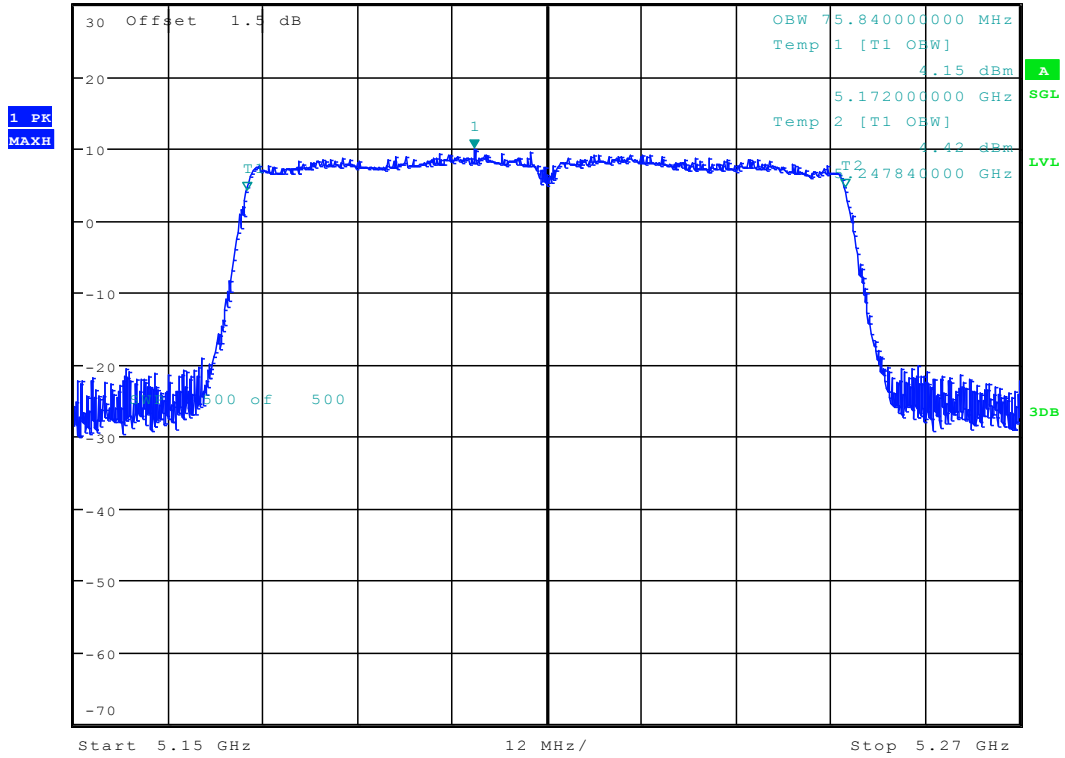
Date: 9.FEB.2017 16:45:11



4.57 11AC80_42 ANT 3

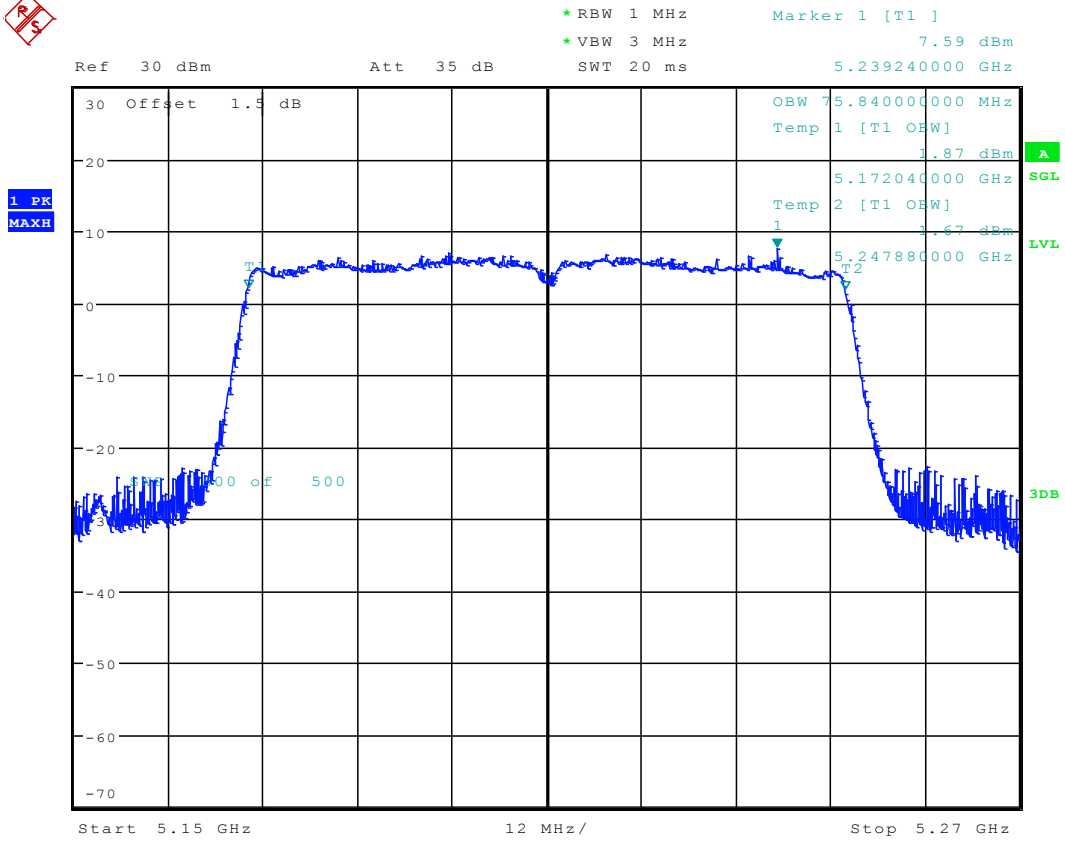


*RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz 9.97 dBm
 Ref 30 dBm Att 35 dB SWT 20 ms 5.200840000 GHz



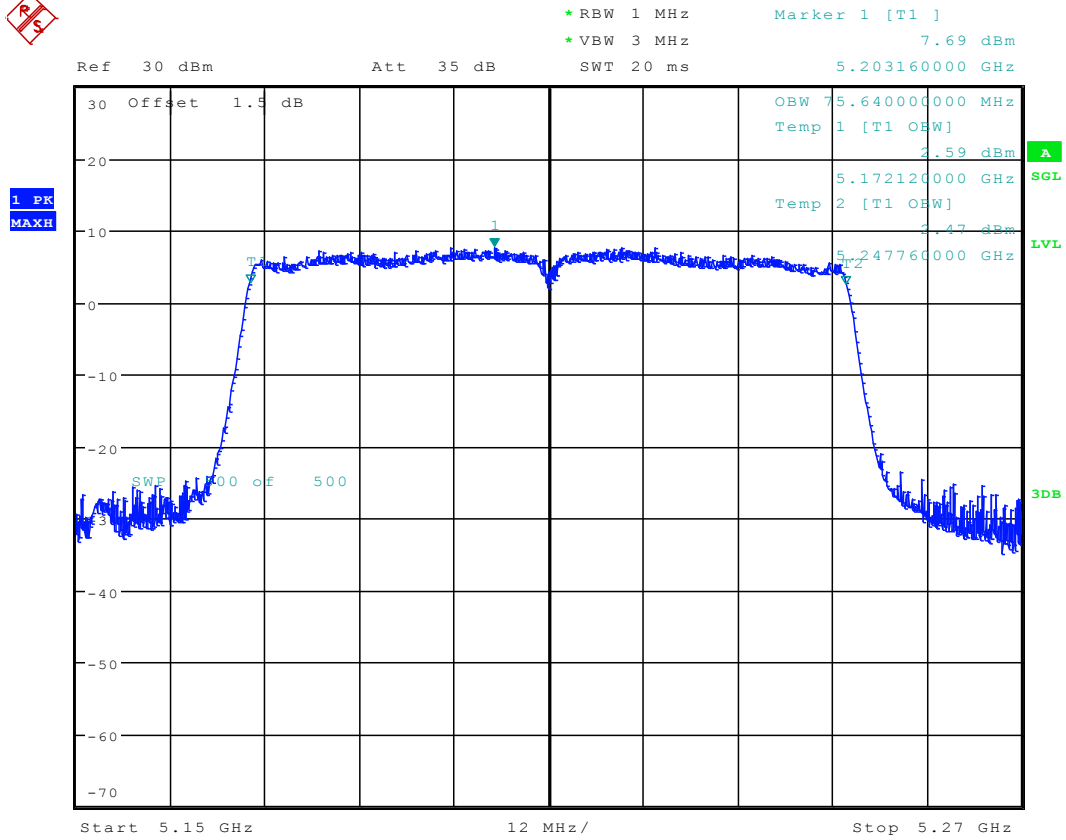
Date: 9.FEB.2017 20:31:01

4.58 11AC80MIMO_42 ANT 1



Date: 13.FEB.2017 10:27:27

4.59 11AC80MIMO_42 ANT 2



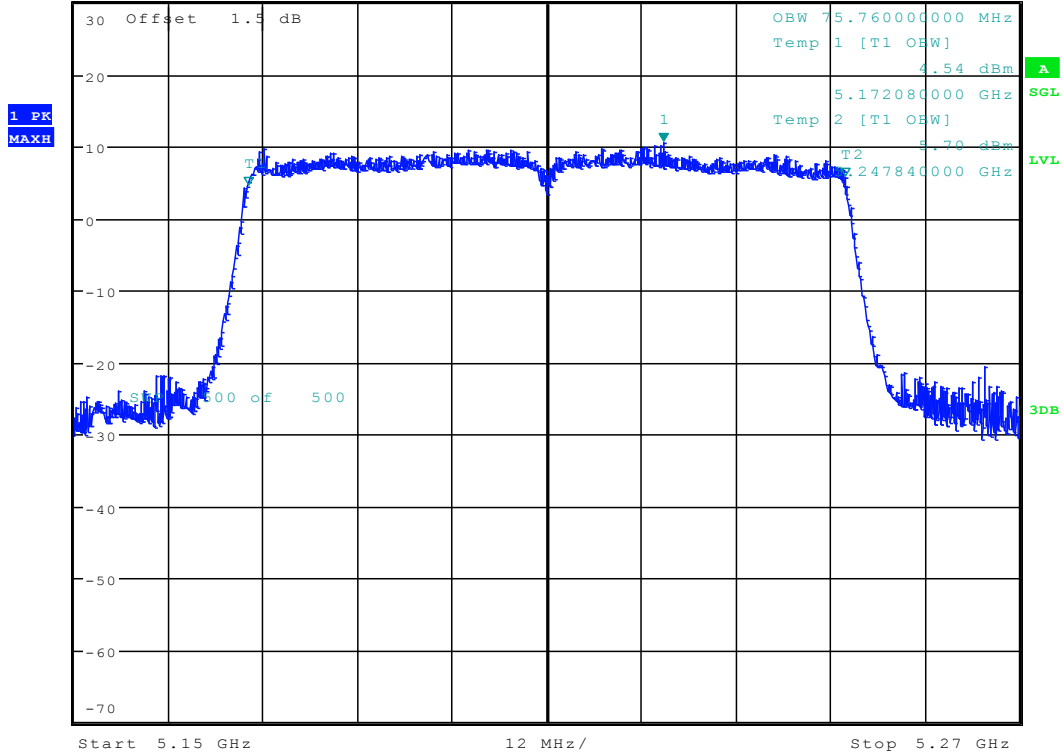
Date: 11.FEB.2017 18:13:28



4.60 11AC80MIMO_42 ANT 3



* RBW 1 MHz Marker 1 [T1]
 * VBW 3 MHz 10.48 dBm
 Ref 30 dBm Att 35 dB SWT 20 ms 5.224720000 GHz



Date: 14.FEB.2017 16:02:47



Appendix C: Duty Cycle

5 Part I - Test Results

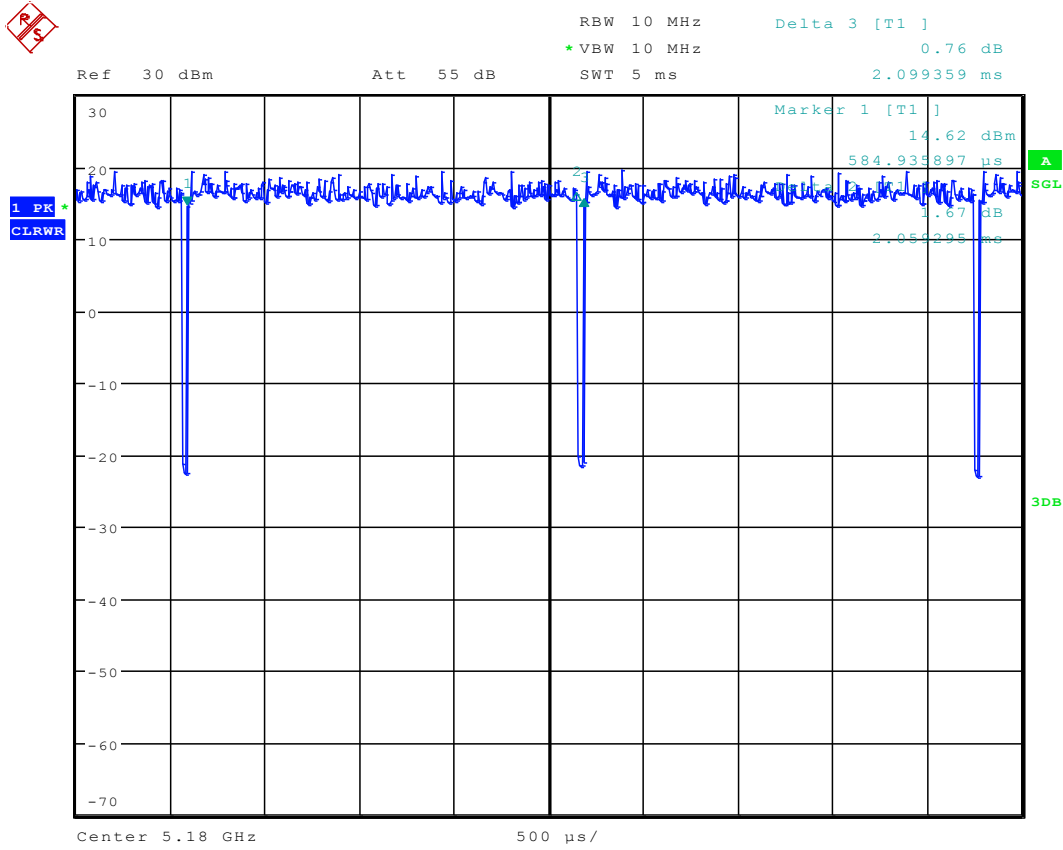
Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Duty cycle [%]
11A	36,	5180	Ant 1	98
11A	48	5240	Ant 1	98
11A	36,	5180	Ant 2	98
11A	48	5240	Ant 2	98
11A	36,	5180	Ant 3	98
11A	48	5240	Ant 3	98
11N20	36	5180	Ant 1	98
11N20	48	5240	Ant 1	98
11N20	36	5180	Ant 2	98
11N20	48	5240	Ant 2	98
11N20	36	5180	Ant 3	98
11N20	48	5240	Ant 3	98
11N20M	36	5180	Ant 1	96
11N20M	48	5240	Ant 1	96
11N20M	36	5180	Ant 2	96
11N20M	48	5240	Ant 2	96
11N20M	36	5180	Ant 3	96
11N20M	48	5240	Ant 3	96
11N40	38	5190	Ant 1	96
11N40	46	5230	Ant 1	96
11N40	38	5190	Ant 2	96
11N40	46	5230	Ant 2	96
11N40	38	5190	Ant 3	96
11N40	46	5230	Ant 3	96
11N40M	38	5190	Ant 1	93
11N40M	46	5230	Ant 1	93
11N40M	38	5190	Ant 2	92
11N40M	46	5230	Ant 2	92
11N40M	38	5190	Ant 3	92
11N40M	46	5230	Ant 3	92
11AC20	36	5180	Ant 1	98
11AC20	48	5240	Ant 1	98
11AC20	36	5180	Ant 2	98
11AC20	48	5240	Ant 2	98

11AC20	36	5180	Ant 3	98
11AC20	48	5240	Ant 3	98
11AC20M	36	5180	Ant 1	97
11AC20M	48	5240	Ant 1	97
11AC20M	36	5180	Ant 2	97
11AC20M	48	5240	Ant 2	97
11AC20M	36	5180	Ant 3	97
11AC20M	48	5240	Ant 3	97
11AC40	38	5190	Ant 1	96
11AC40	46	5230	Ant 1	96
11AC40	38	5190	Ant 2	96
11AC40	46	5230	Ant 2	96
11AC40	38	5190	Ant 3	96
11AC40	46	5230	Ant 3	96
11AC40M	38	5190	Ant 1	95
11AC40M	46	5230	Ant 1	95
11AC40M	38	5190	Ant 2	94
11AC40M	46	5230	Ant 2	94
11AC40M	38	5190	Ant 3	92
11AC40M	46	5230	Ant 3	92
11AC80	42	5210	Ant 1	92
11AC80	42	5210	Ant 2	92
11AC80	42	5210	Ant 3	92
11AC80M	42	5210	Ant 1	90
11AC80M	42	5210	Ant 2	89
11AC80M	42	5210	Ant 3	89



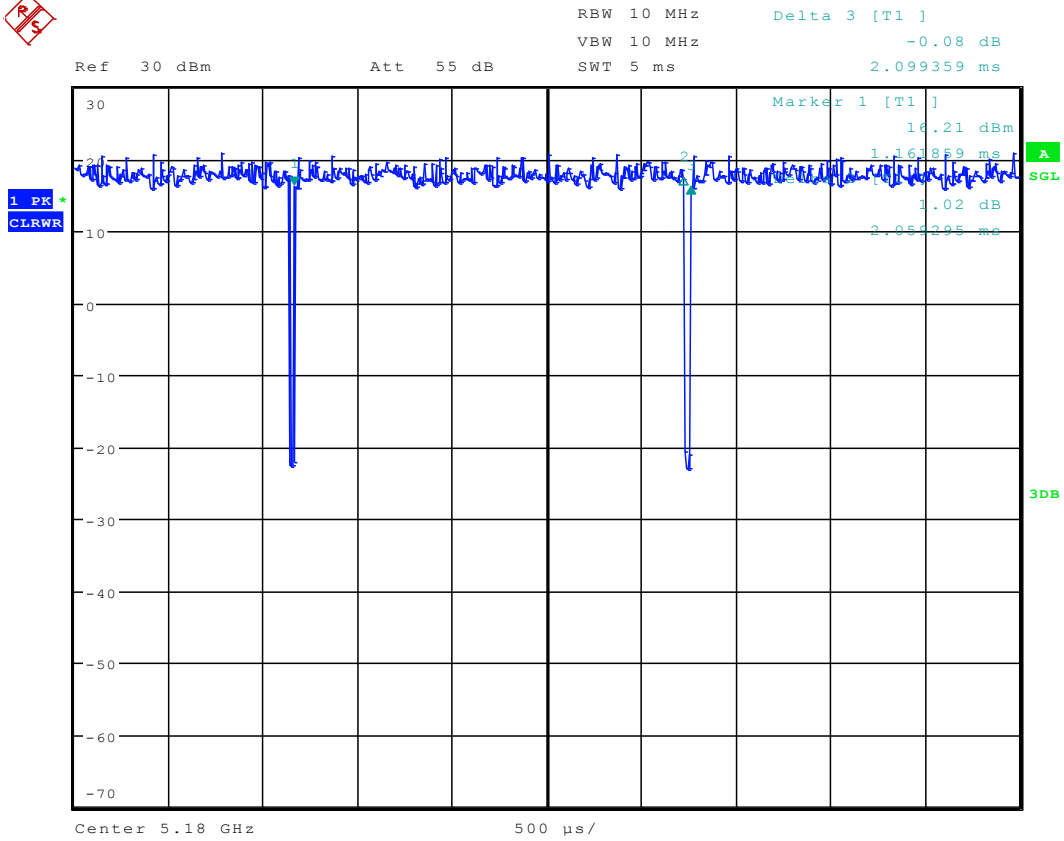
6 Test Plot

6.1 11A Ant 1



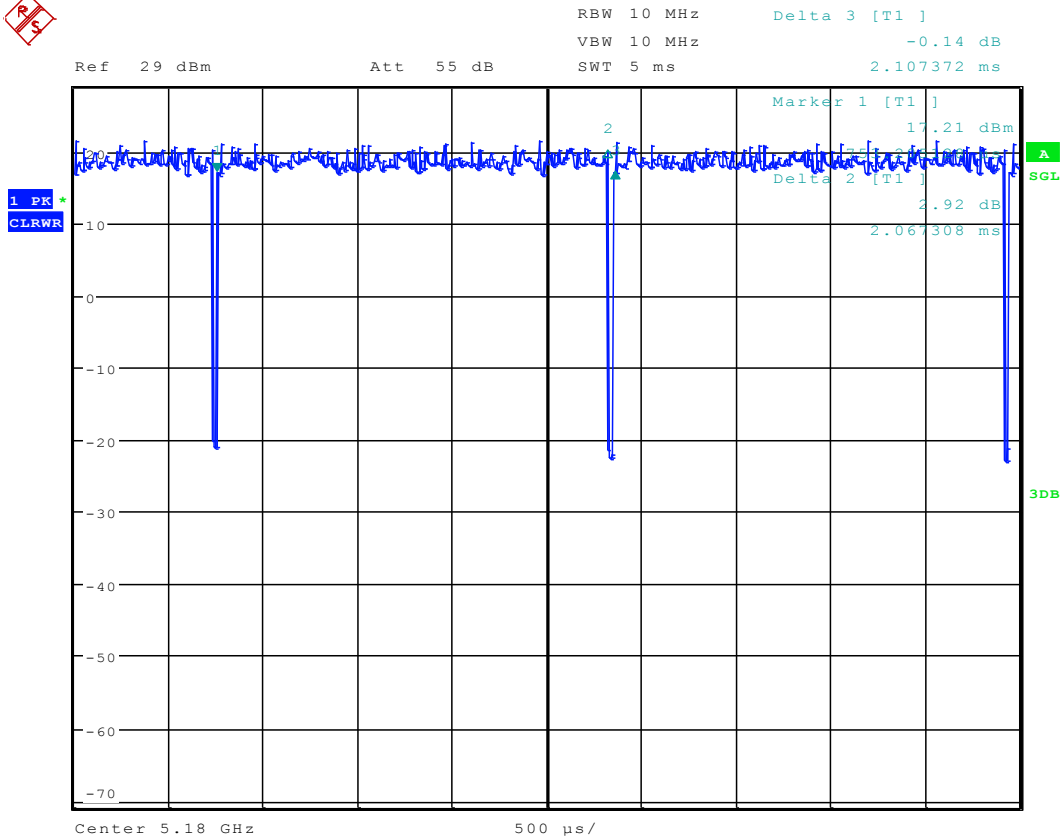
Date: 8.FEB.2017 16:42:15

6.2 11A Ant 2



Date: 9.FEB.2017 14:49:08

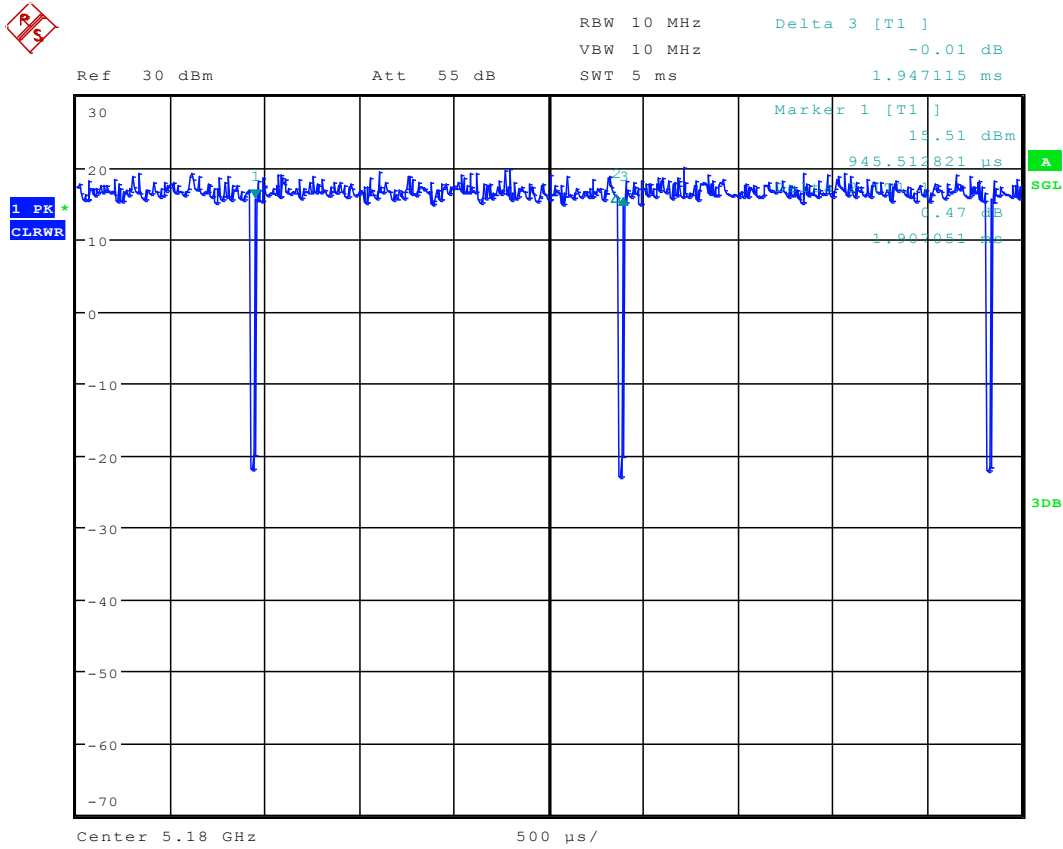
6.3 11A ANT3



Date: 9.FEB.2017 18:05:36

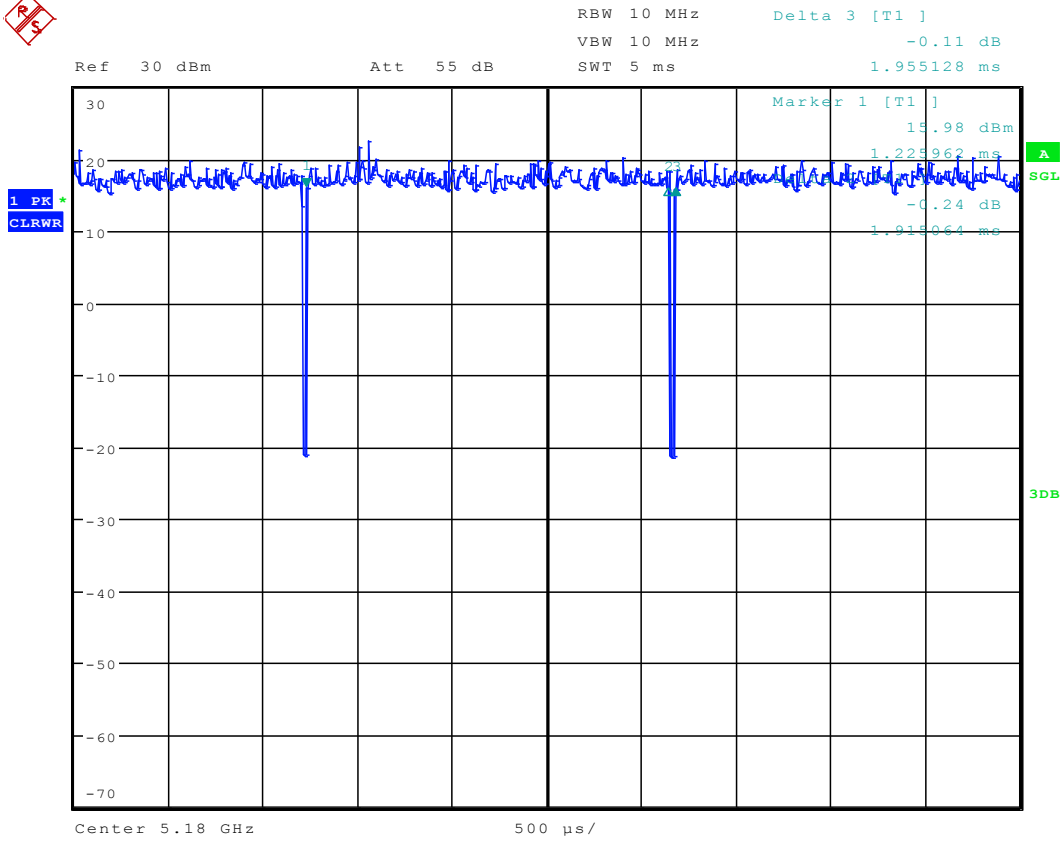


6.4 11n20 Ant 1



Date: 8.FEB.2017 18:22:28

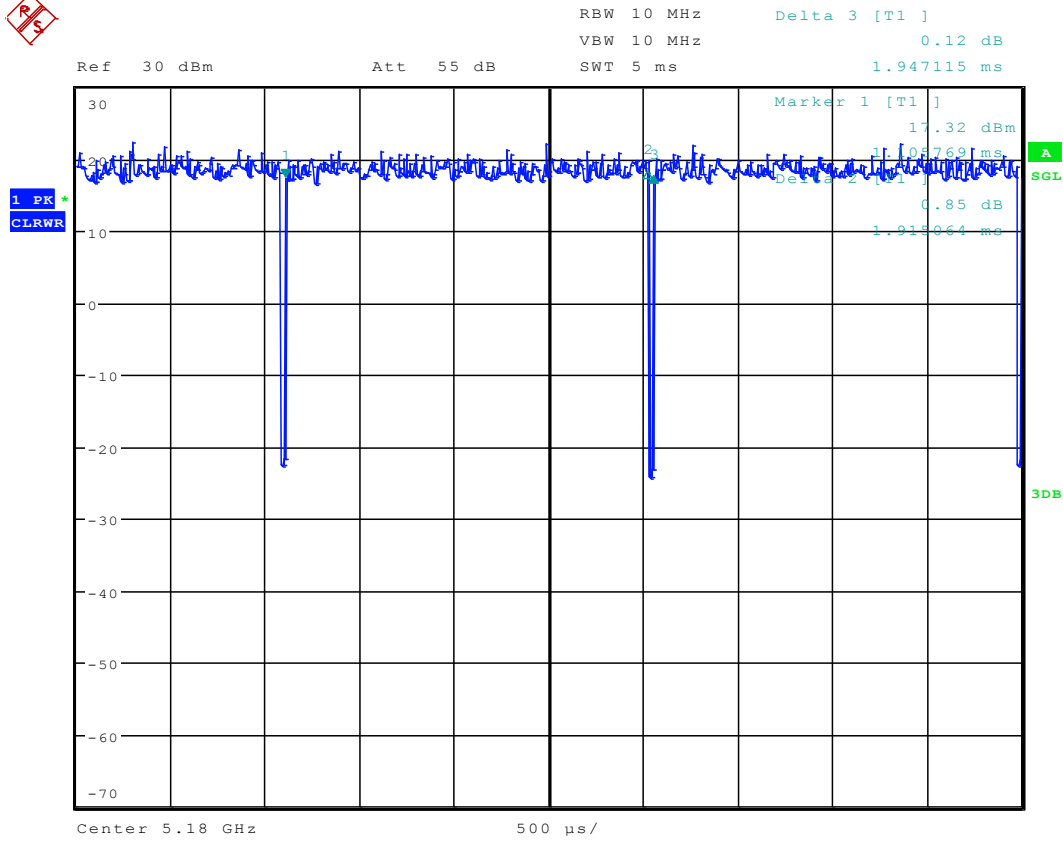
6.5 11n20 Ant 2



Date: 9.FEB.2017 15:34:15



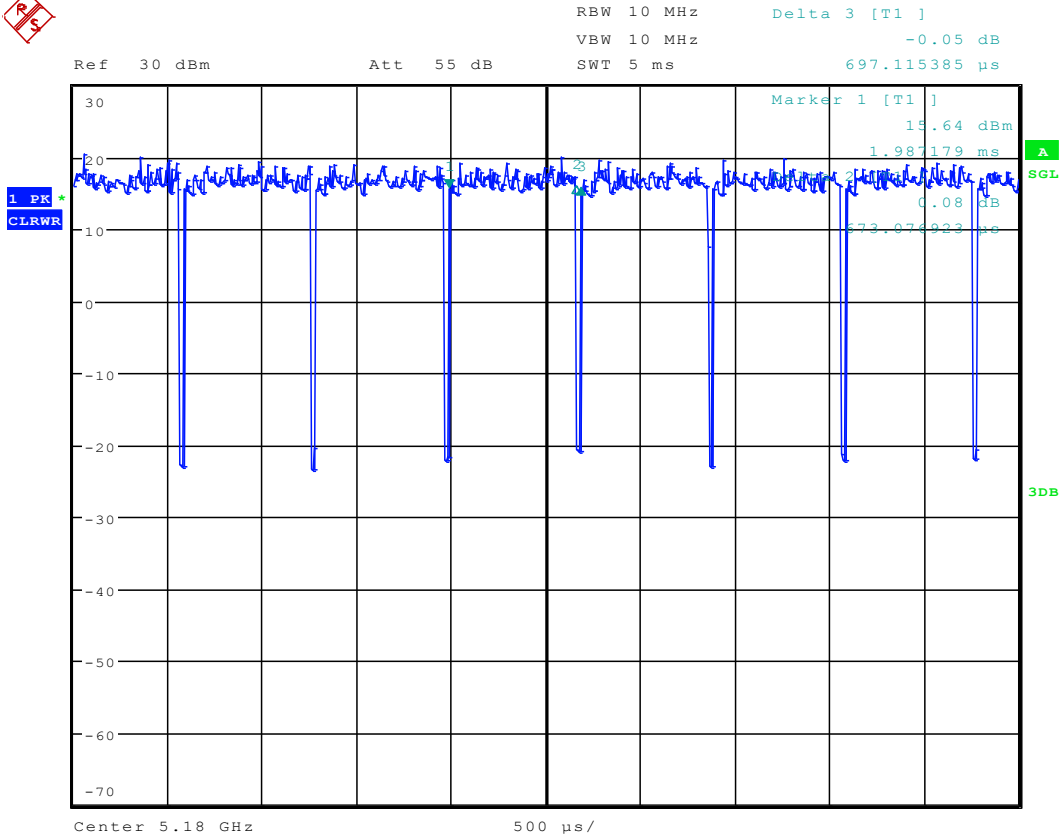
6.6 11n20 Ant 3



Date: 9.FEB.2017 18:31:03

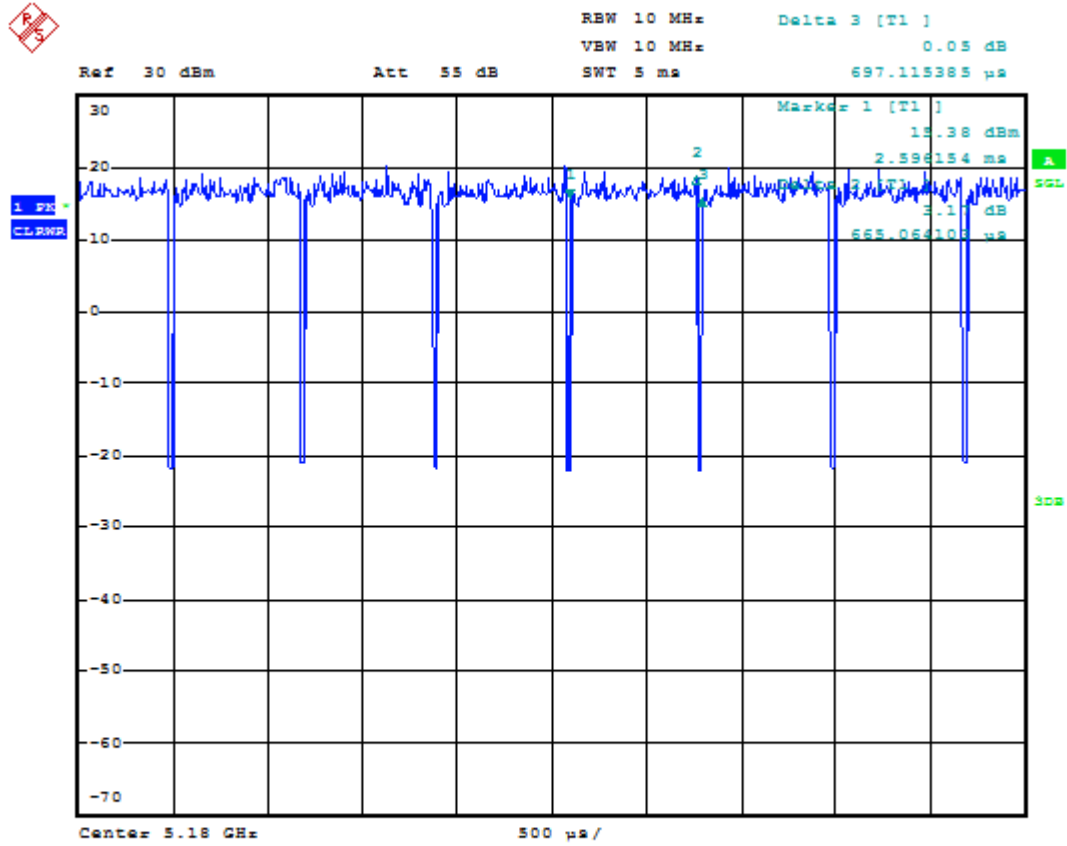


6.7 11n20M Ant 1



Date: 11.FEB.2017 18:30:19

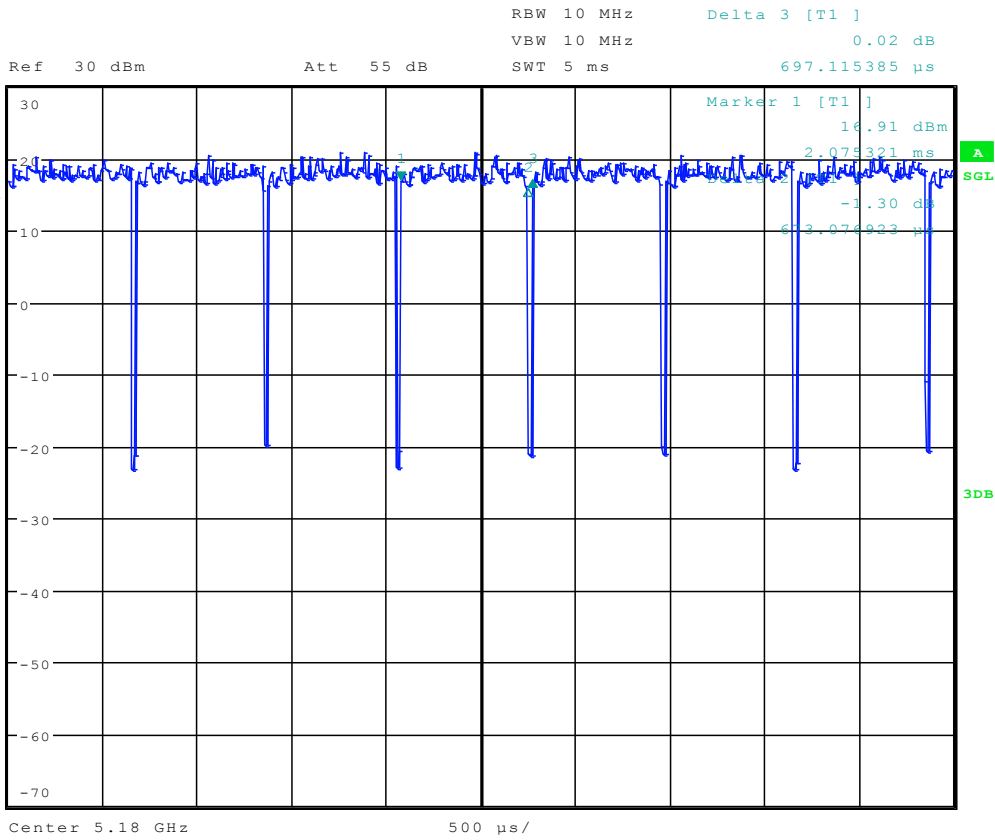
6.8 11n20M Ant 2



Date: 11.FEB.2017 17:09:55

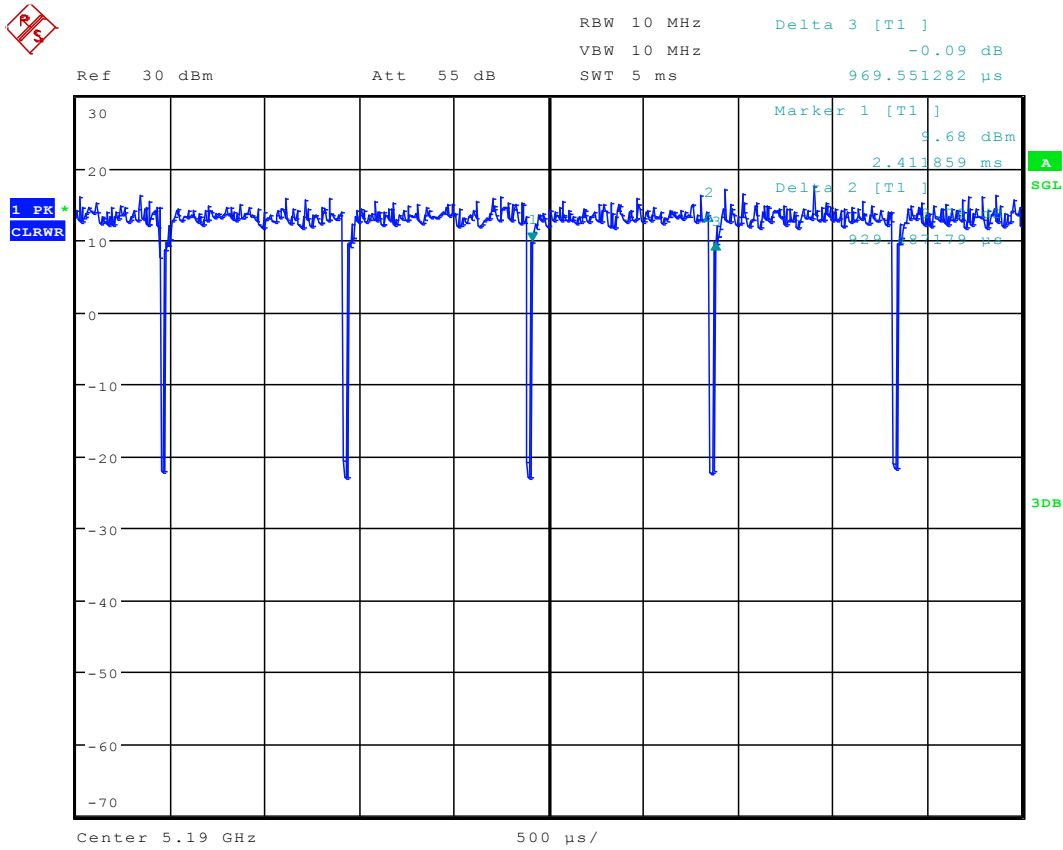


6.9 11n20M Ant 3



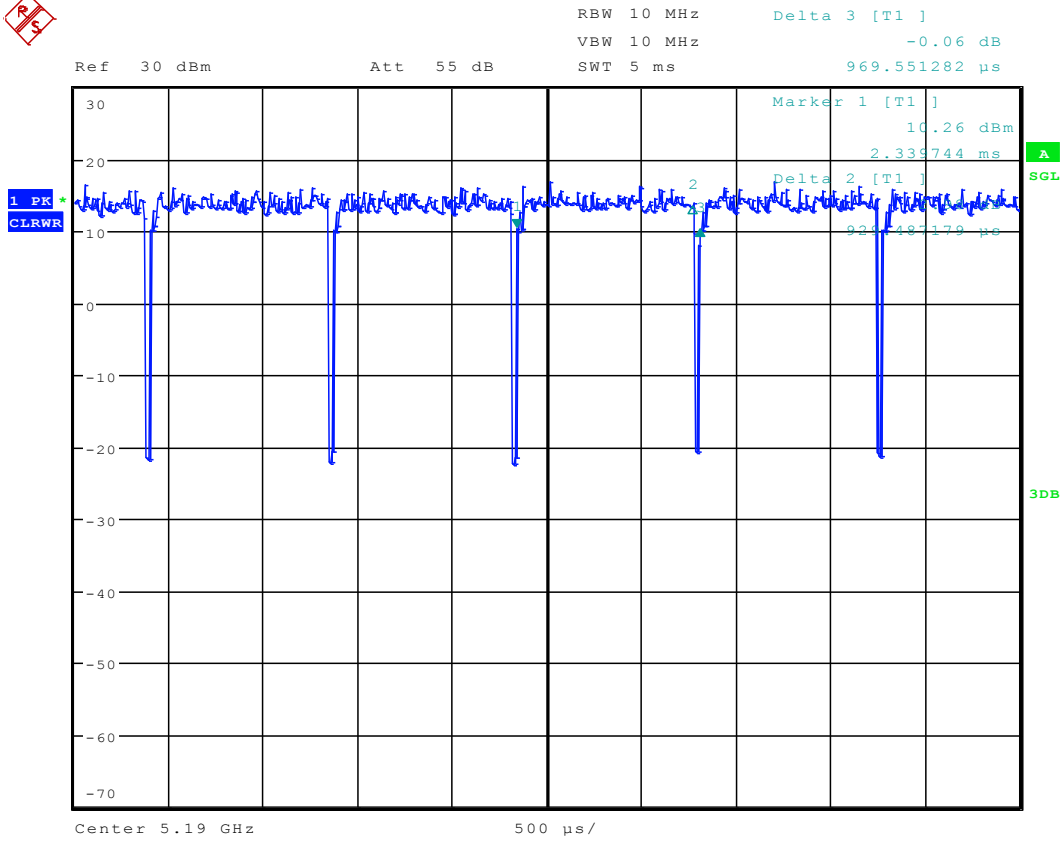
Date: 11.FEB.2017 16:26:31

6.10 11n40 Ant 1



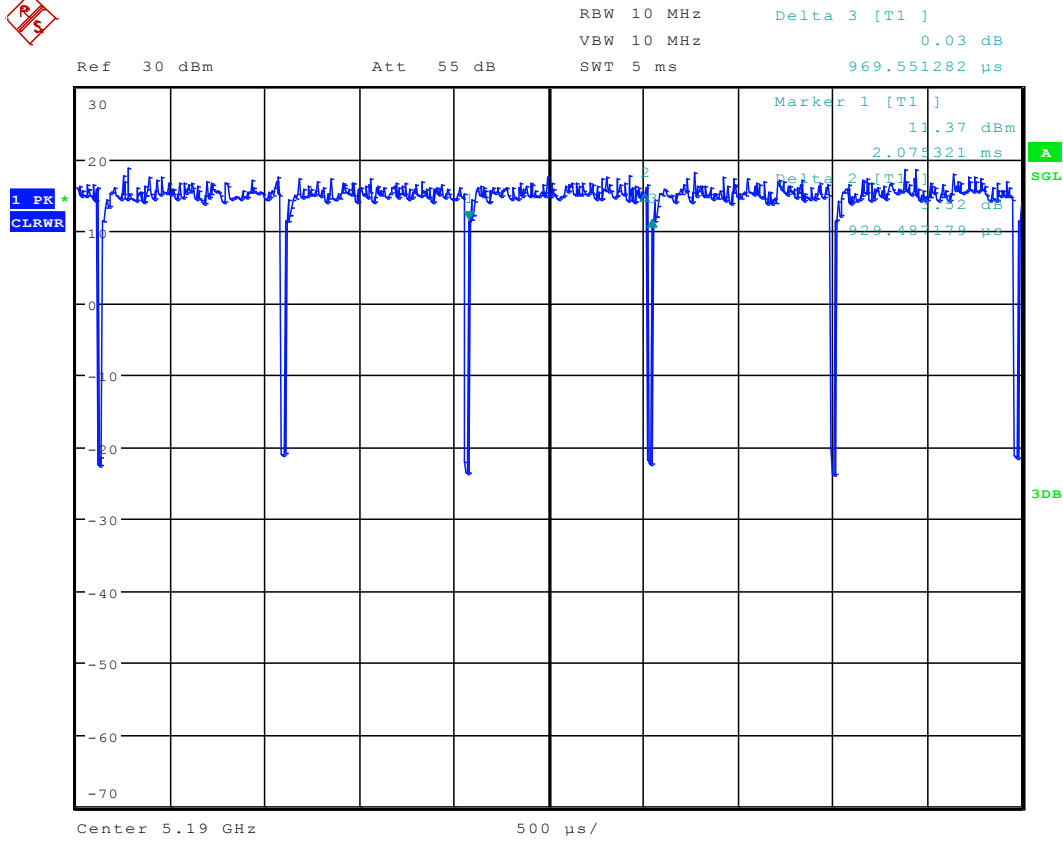
Date: 9.FEB.2017 11:24:34

6.11 11n40 Ant 2



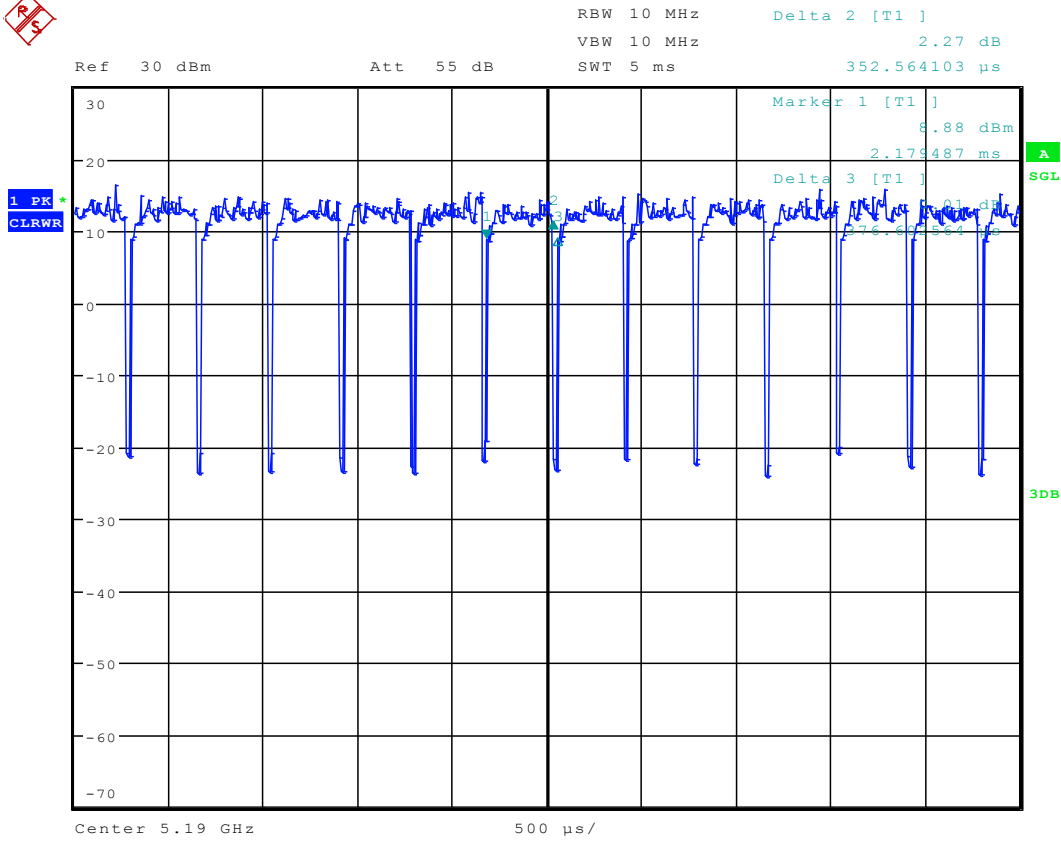
Date: 9.FEB.2017 16:14:03

6.12 11n40 Ant 3



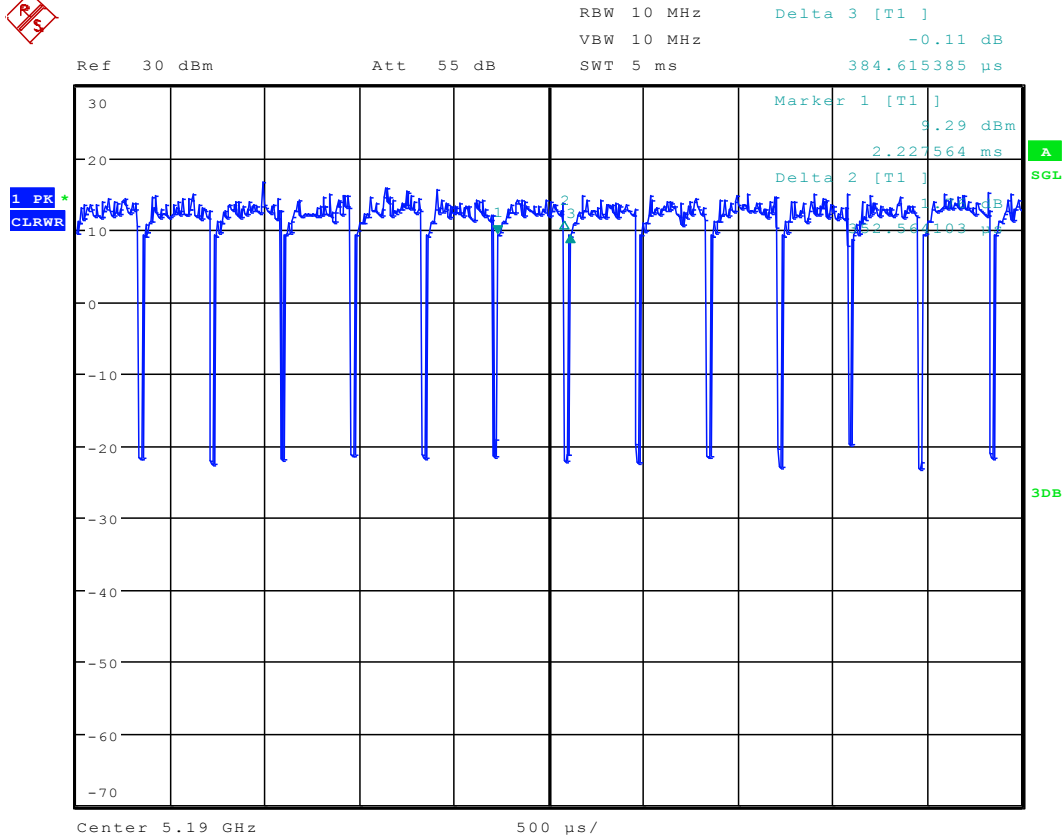
Date: 9.FEB.2017 19:47:39

6.13 11n40M Ant 1



Date: 11.FEB.2017 18:47:16

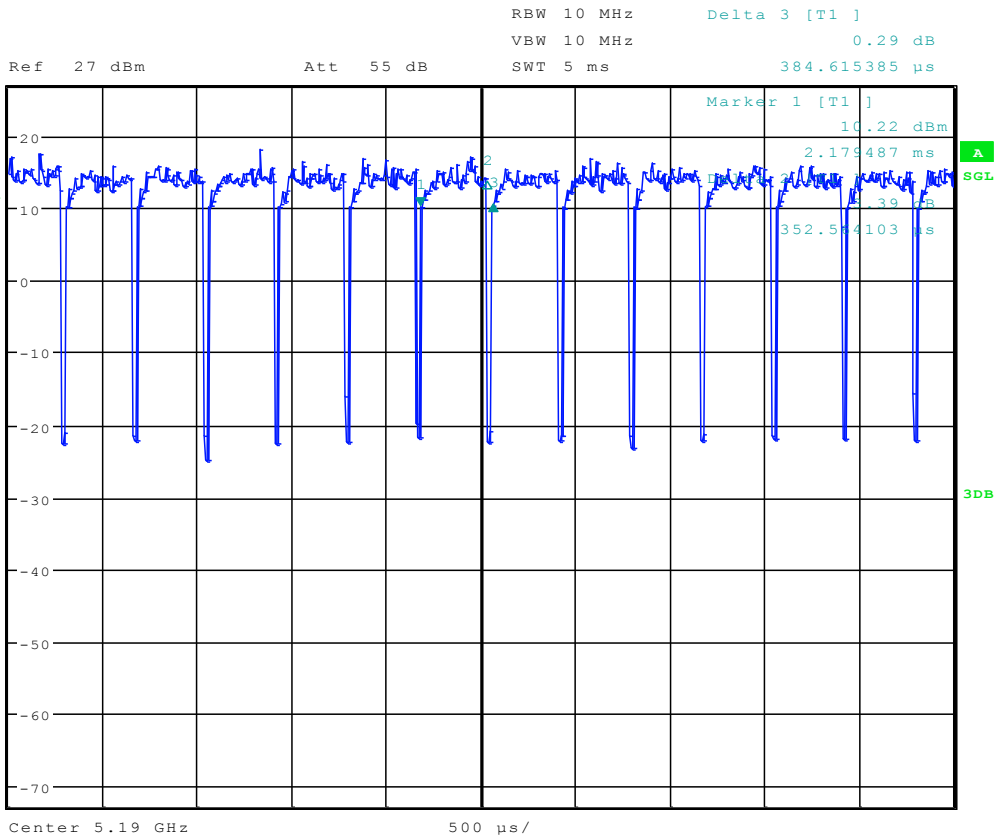
6.14 11n40M Ant 2



Date: 11.FEB.2017 17:31:07



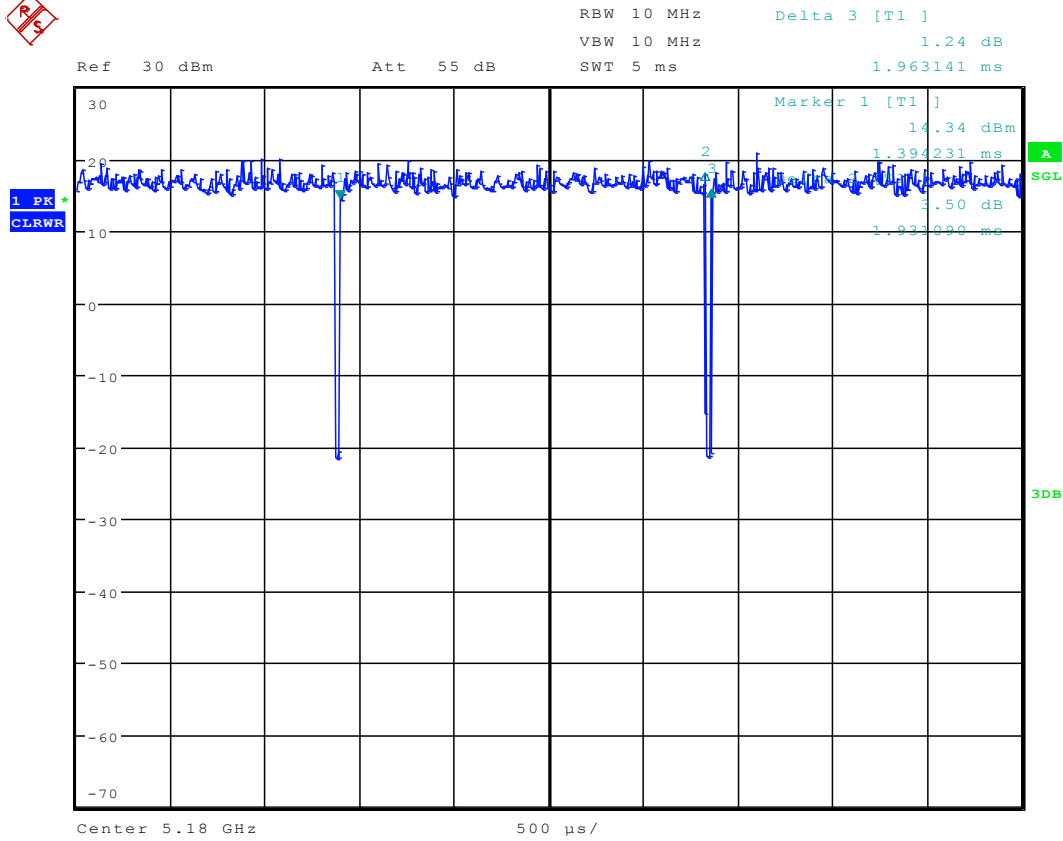
6.15 11n40M Ant 3



Date: 11.FEB.2017 16:49:03



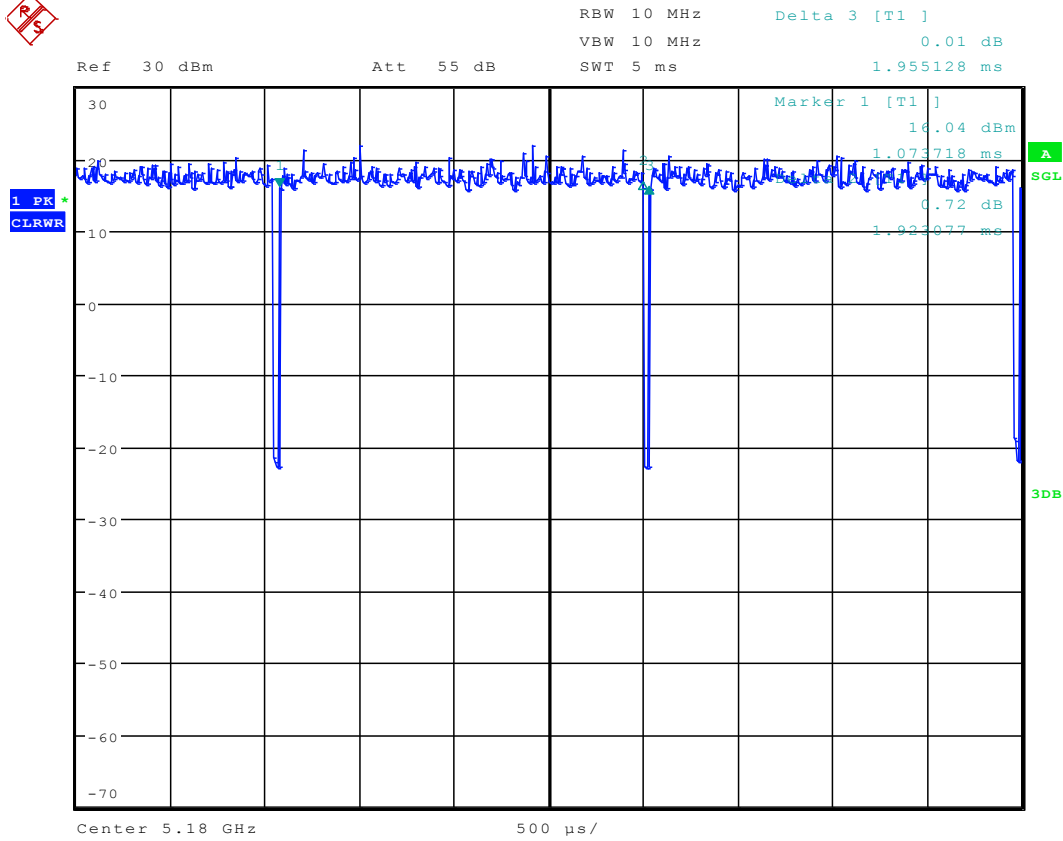
6.16 11ac20 Ant 1



Date: 9.FEB.2017 10:37:44



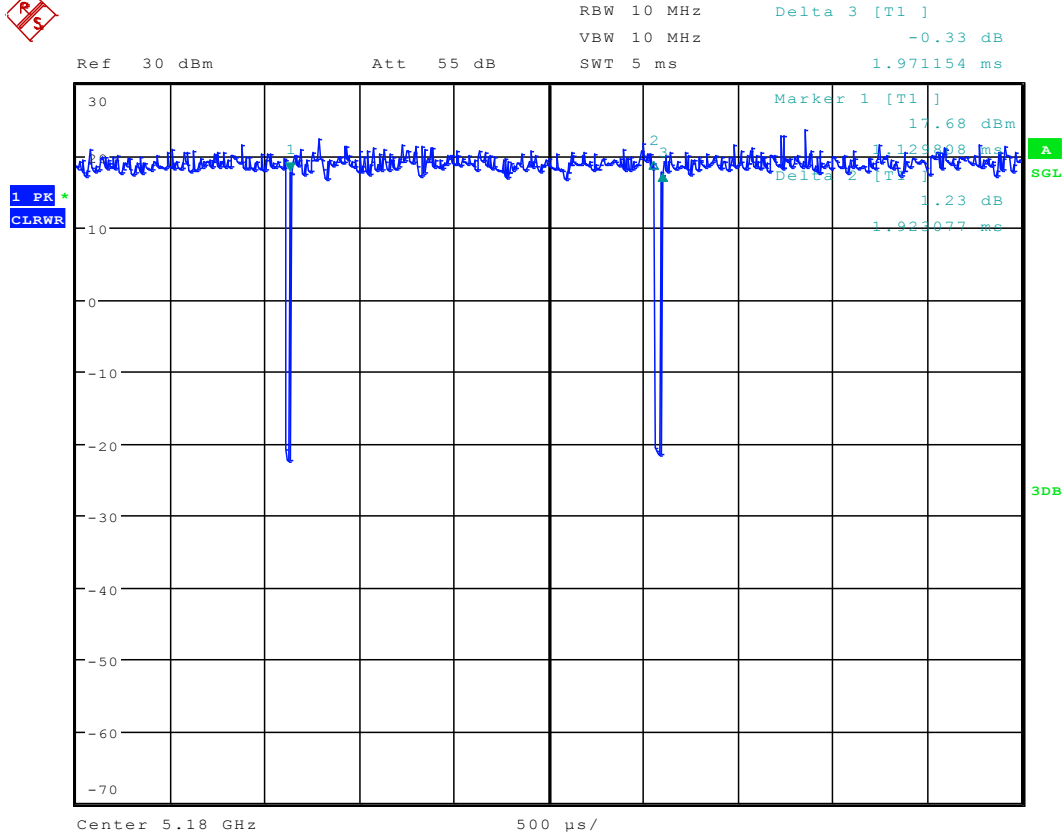
6.17 11ac20 Ant 2



Date: 9.FEB.2017 15:53:51

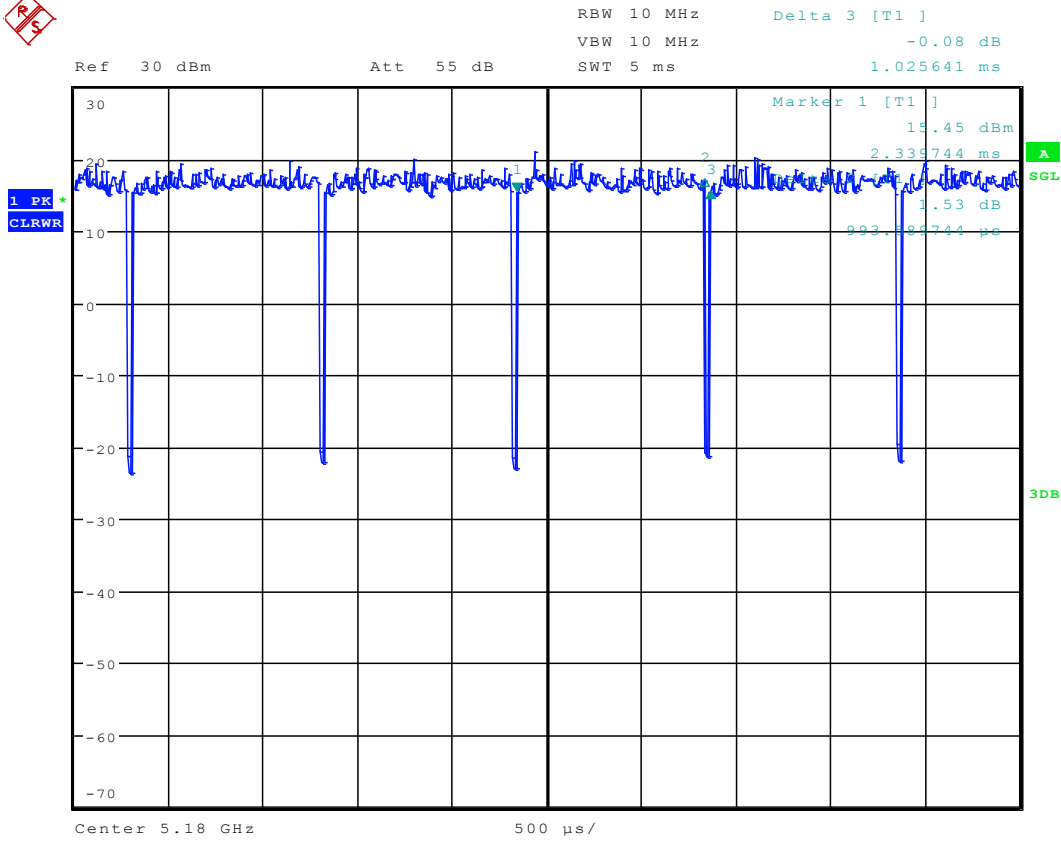


6.18 11ac20 Ant 3



Date: 9.FEB.2017 19:26:02

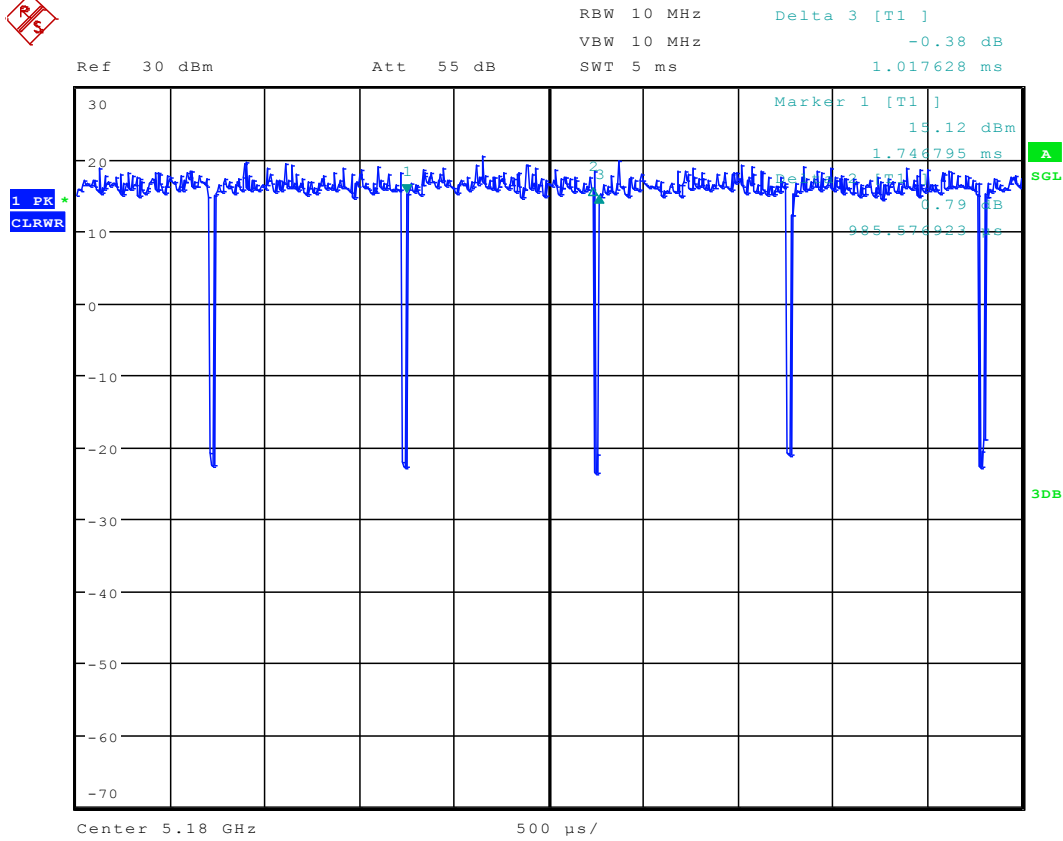
6.19 11ac20M Ant 1



Date: 13.FEB.2017 09:45:06



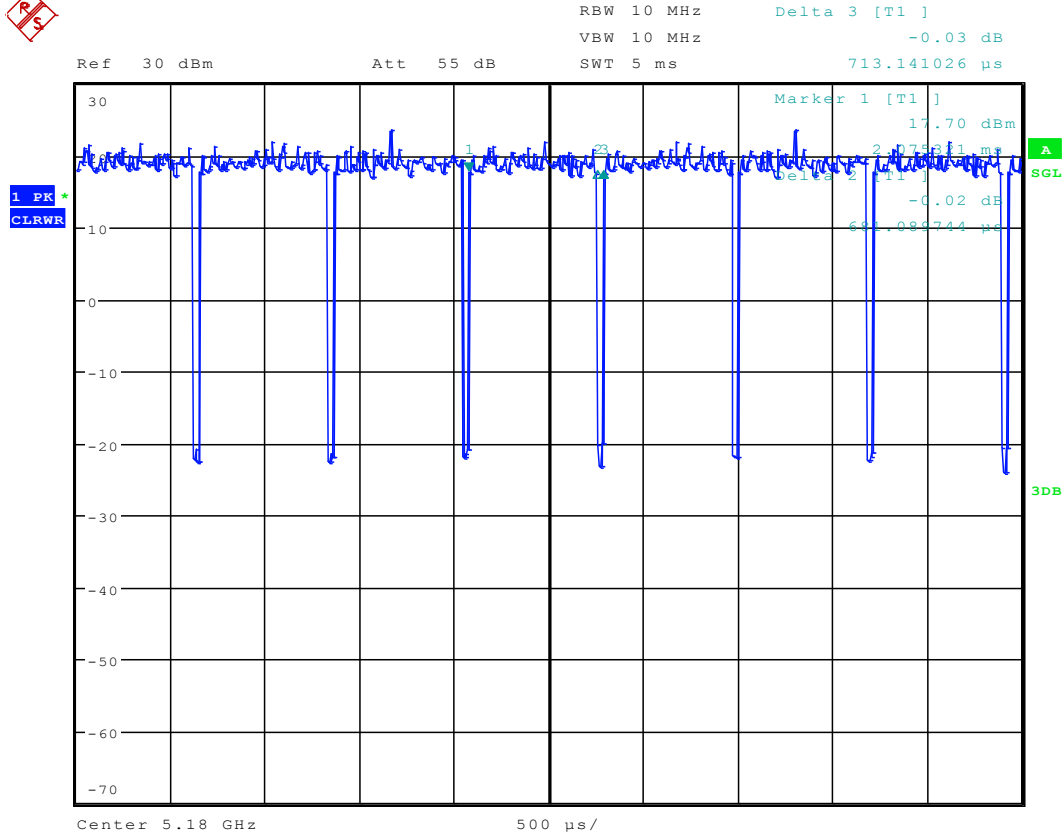
6.20 11ac20M Ant 2



Date: 11.FEB.2017 17:44:40

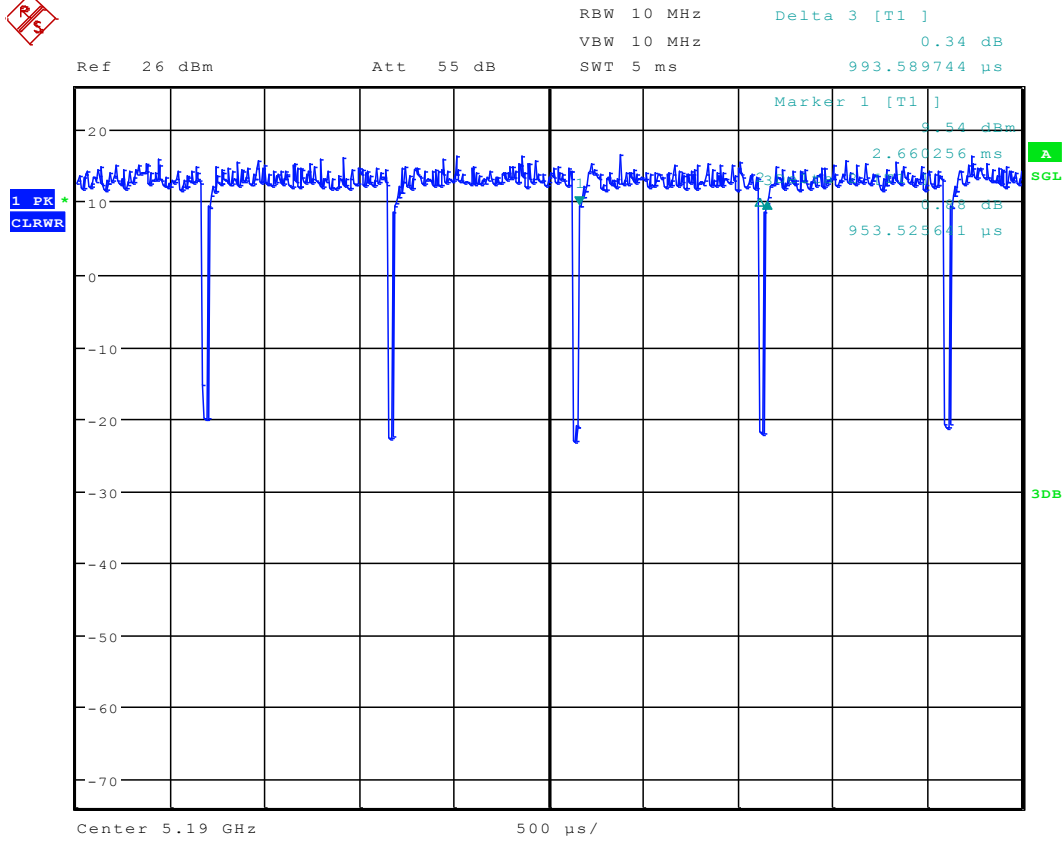


6.21 11ac20M Ant 3



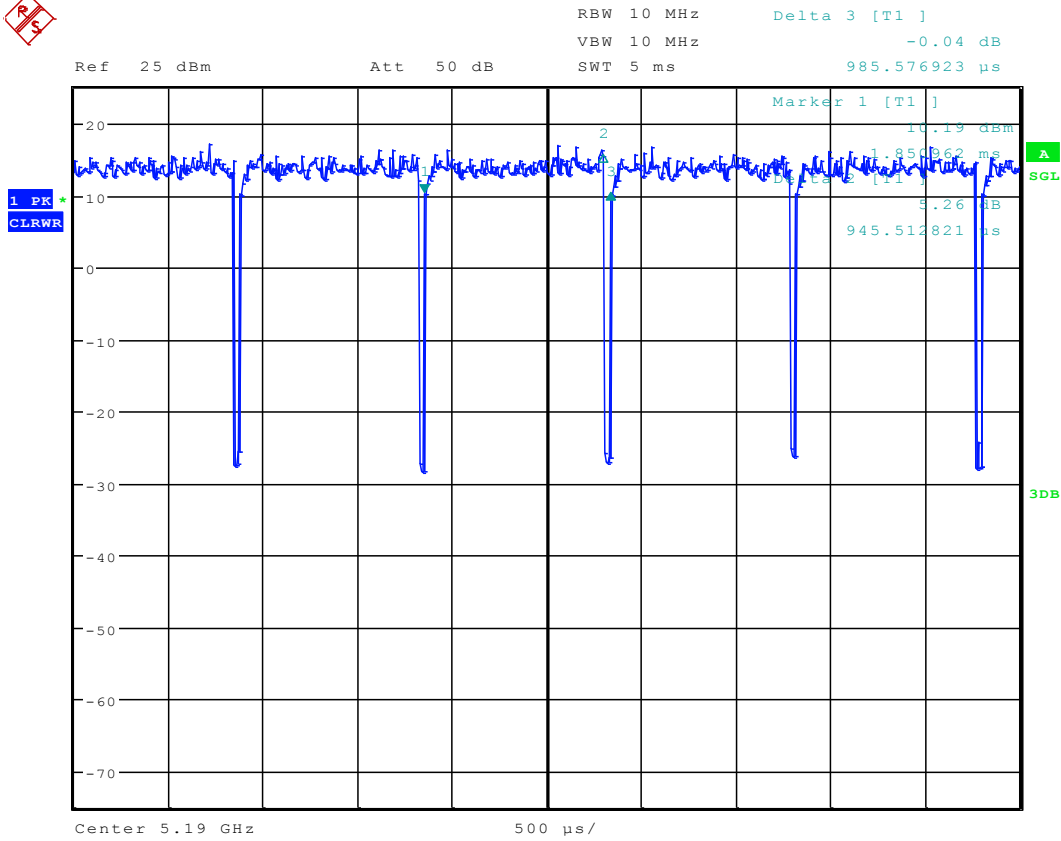
Date: 14.FEB.2017 15:18:48

6.22 11ac40 Ant 1



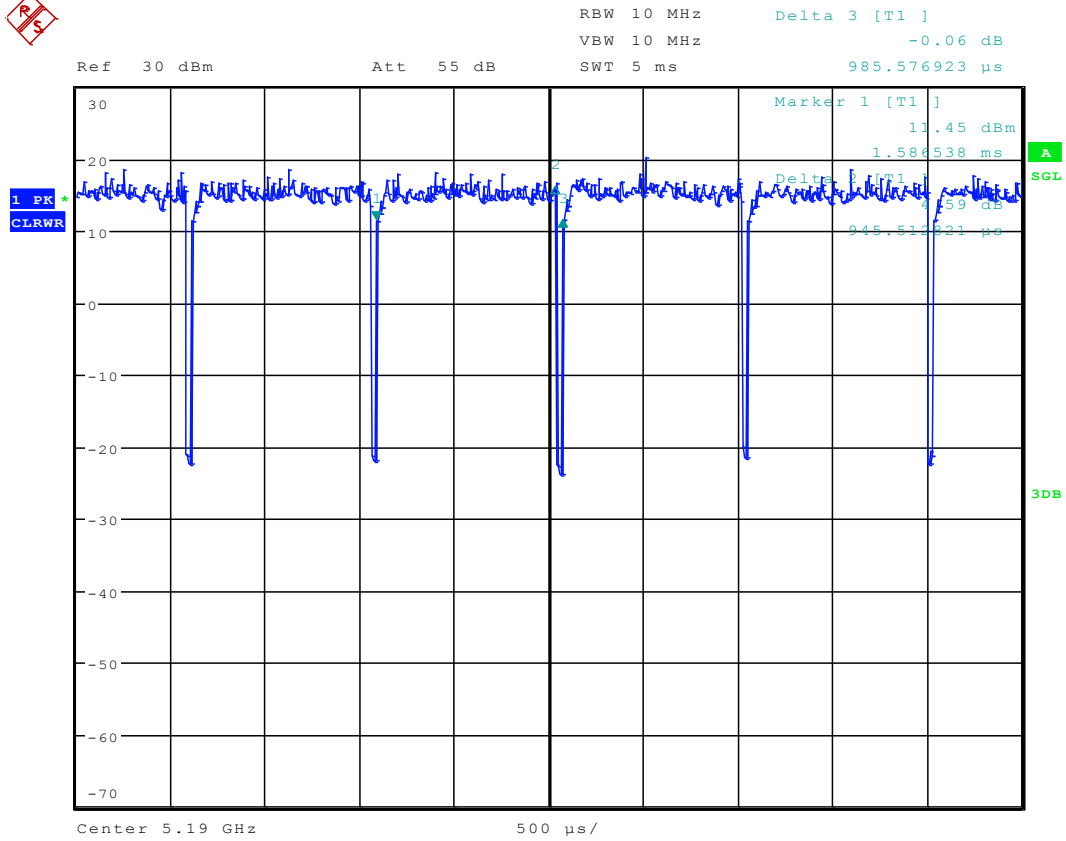
Date: 9.FEB.2017 12:12:55

6.23 11ac40 Ant 2



Date: 9.FEB.2017 16:28:35

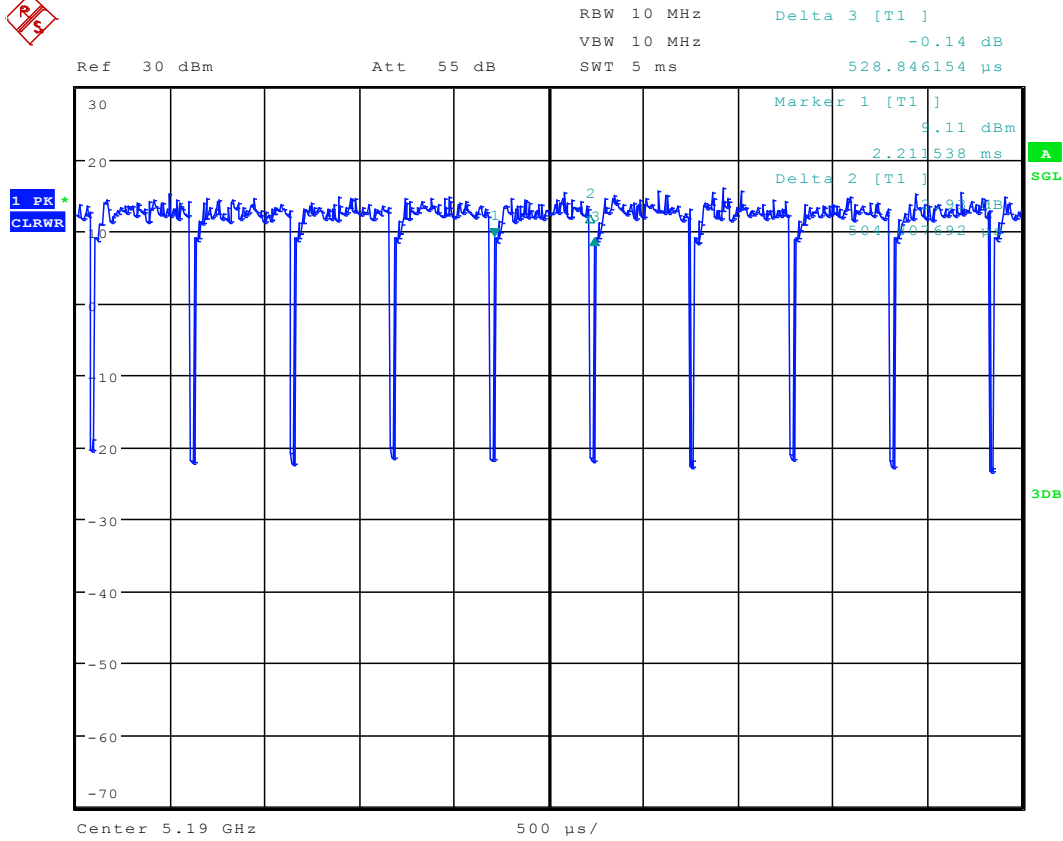
6.24 11ac40 Ant 3



Date: 9.FEB.2017 20:02:03

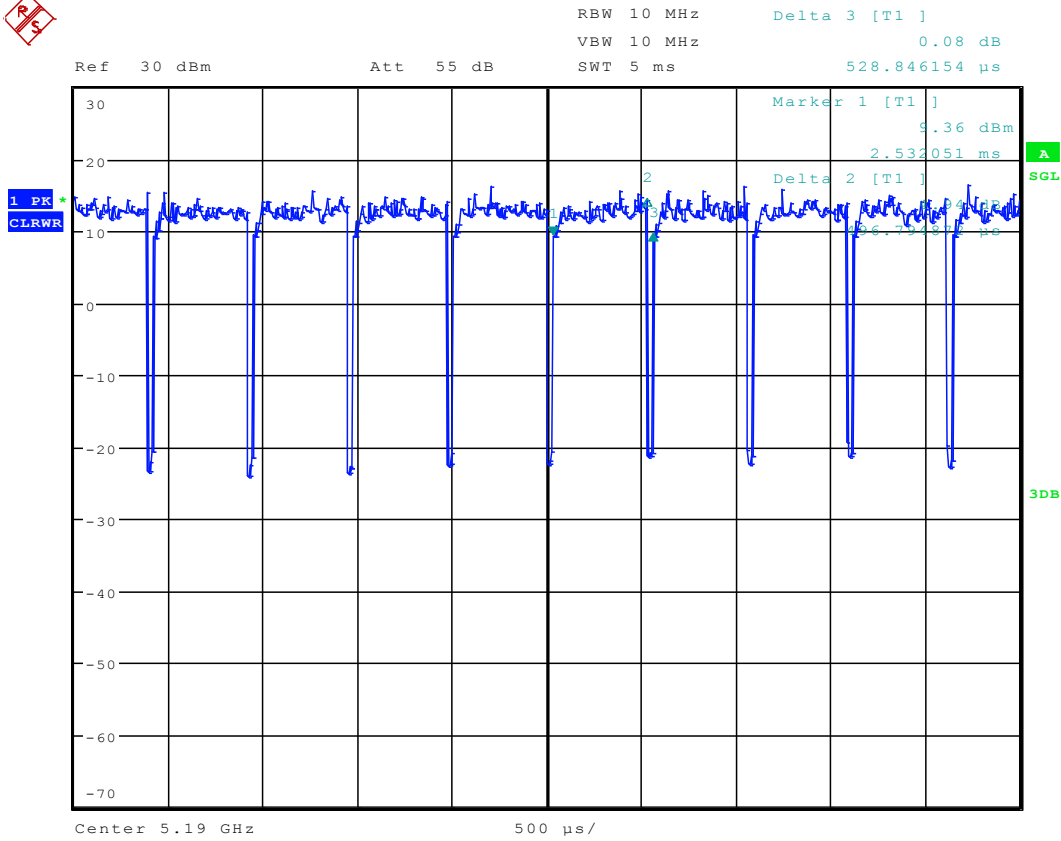


6.25 11ac40M Ant 1



Date: 13.FEB.2017 10:01:05

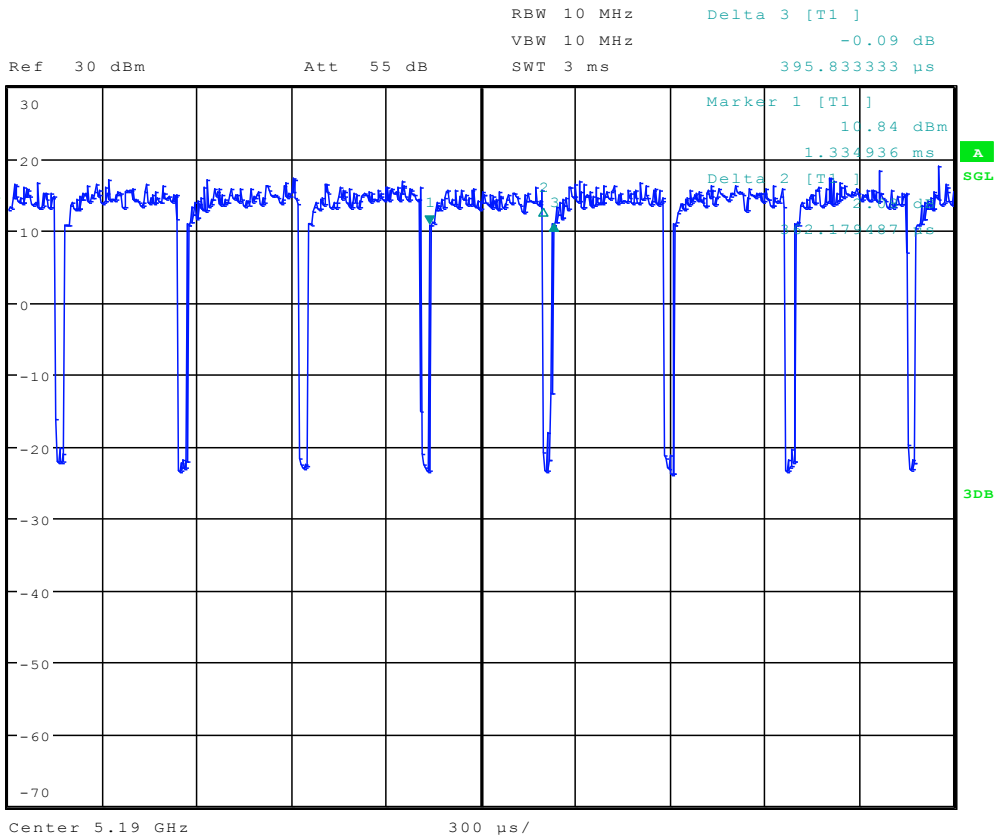
6.26 11ac40M Ant 2



Date: 11.FEB.2017 17:57:04

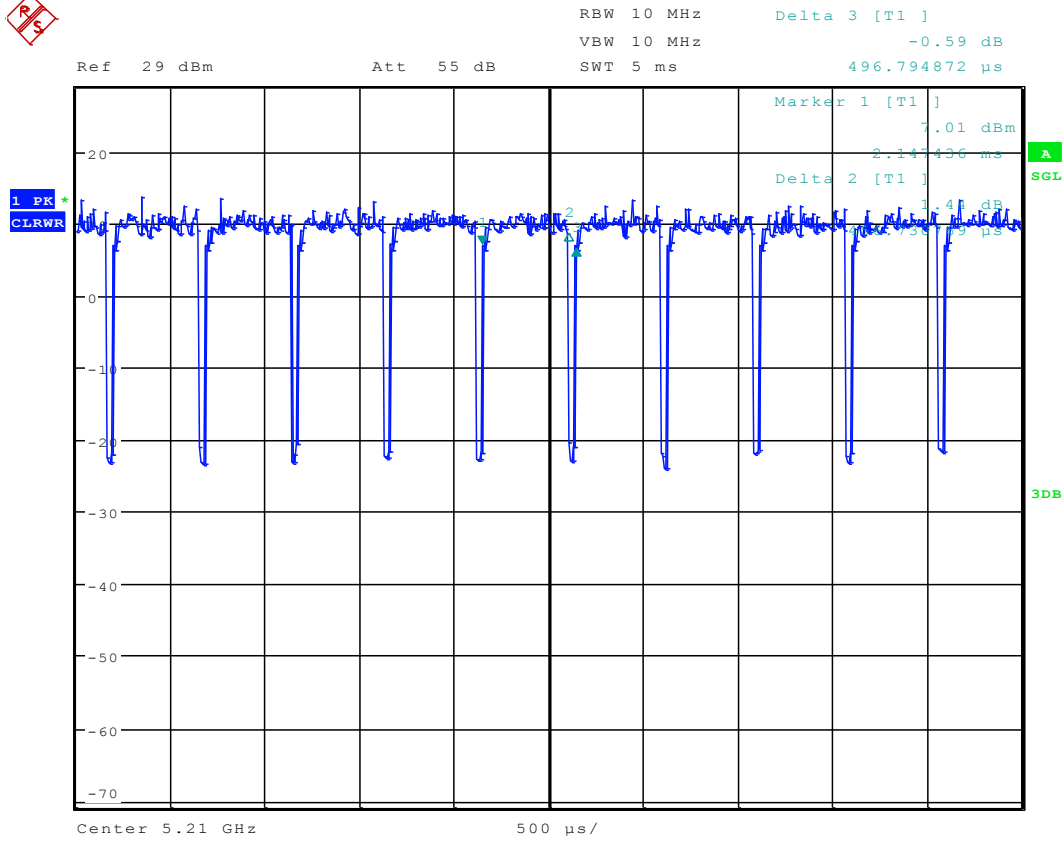


6.27 11ac40M Ant 3



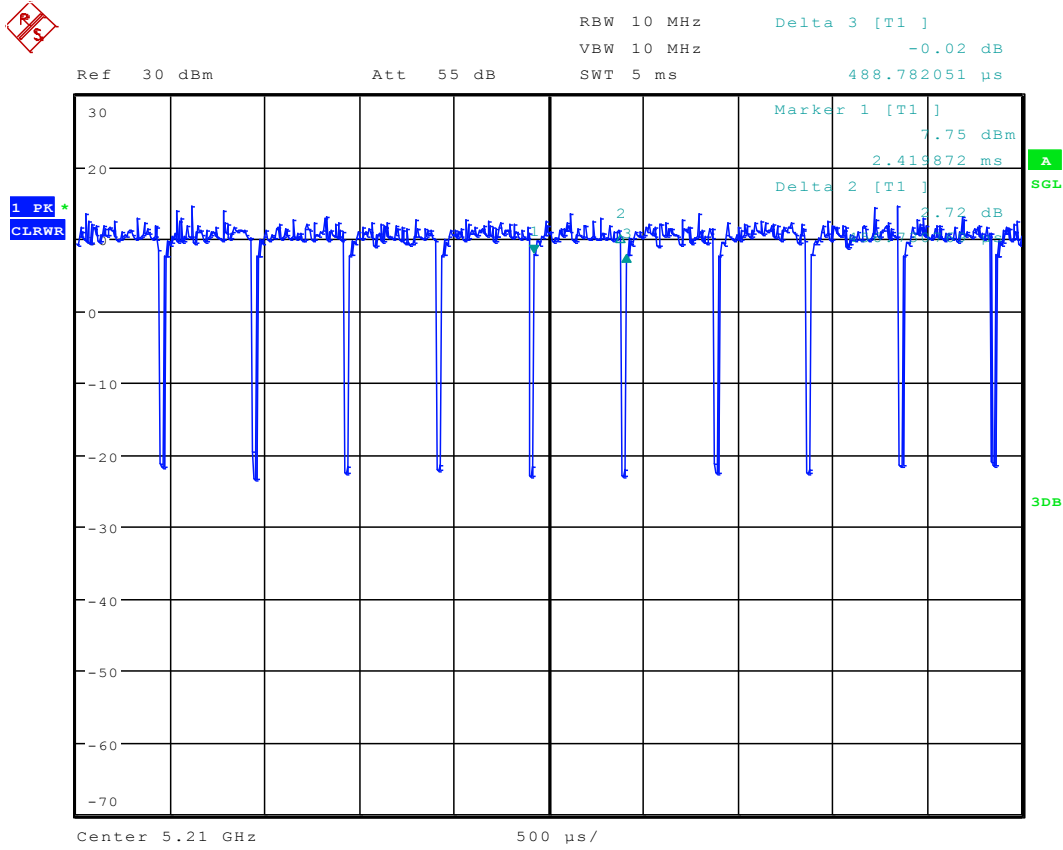
Date: 14.FEB.2017 15:41:53

6.28 11ac80 Ant 1



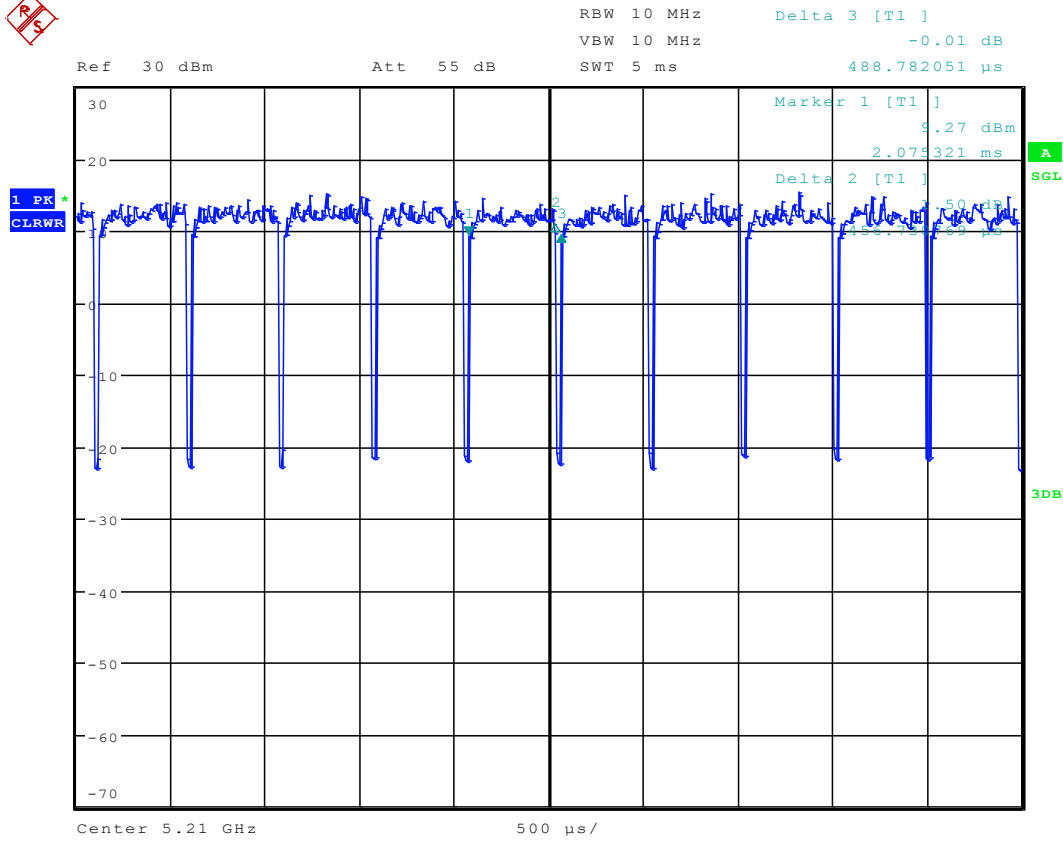
Date: 9.FEB.2017 12:55:17

6.29 11ac80 Ant 2



Date: 9.FEB.2017 16:43:01

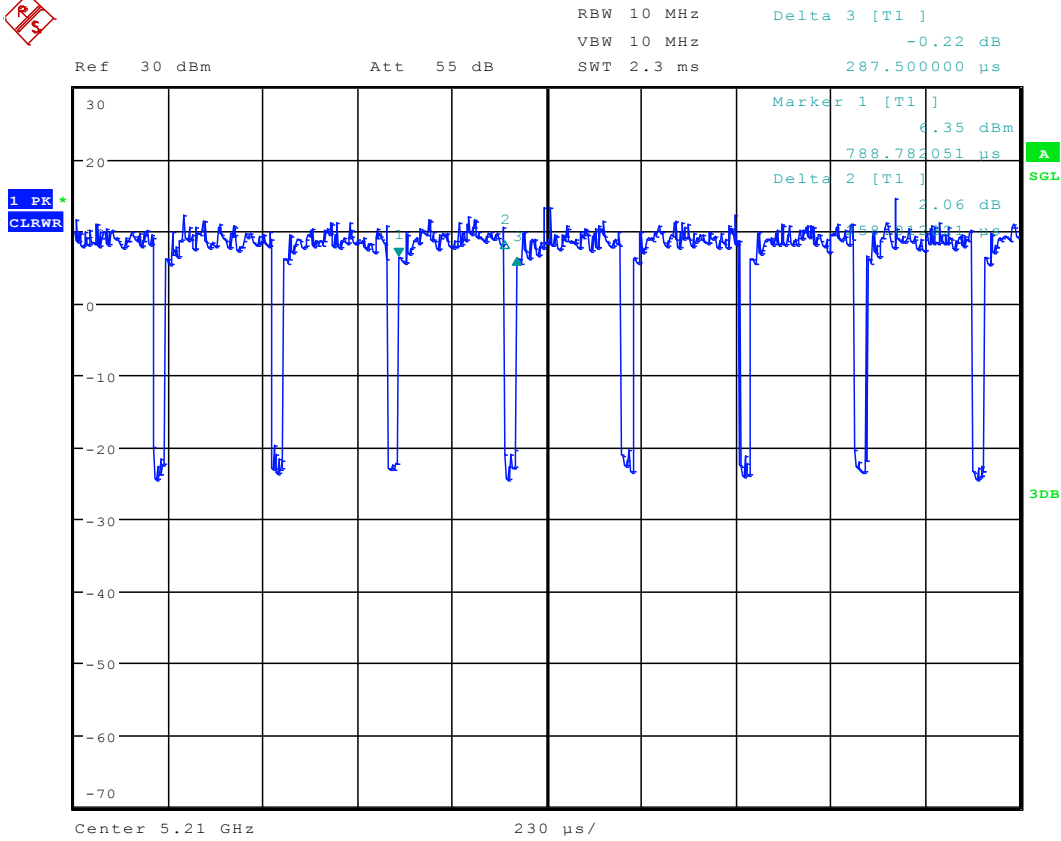
6.30 11ac80 Ant 3



Date: 9.FEB.2017 20:28:39



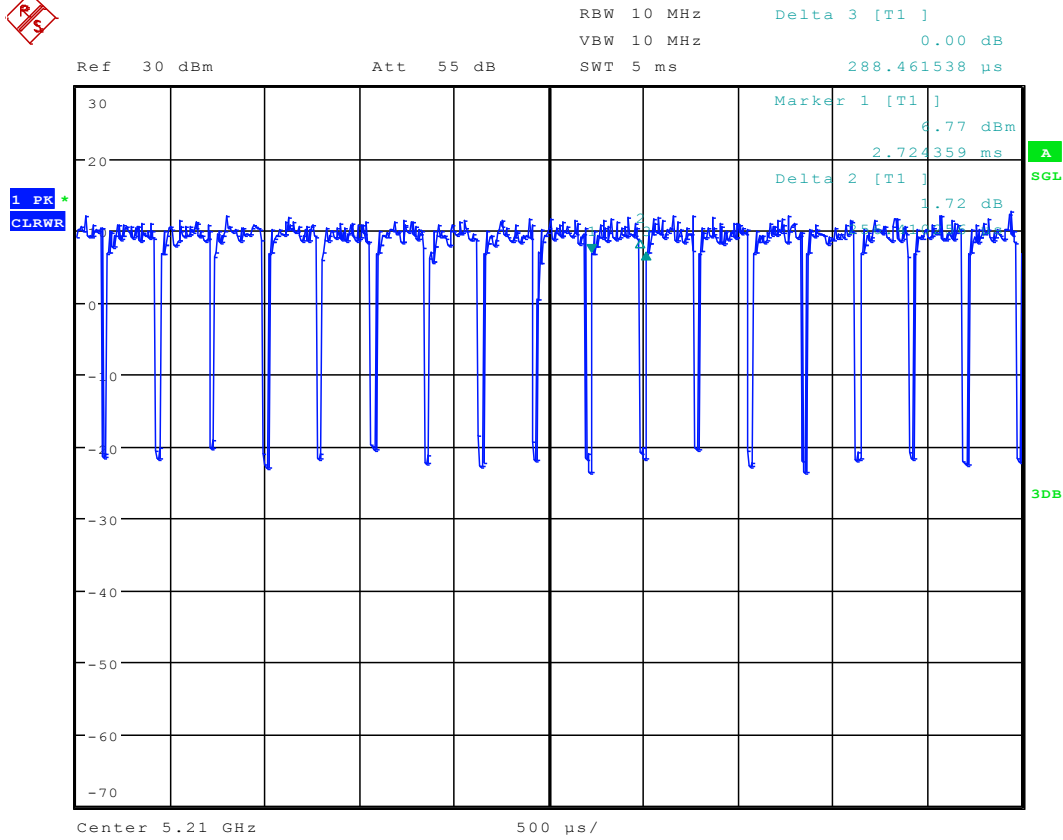
6.31 11ac80M Ant 1



Date: 13.FEB.2017 10:25:14



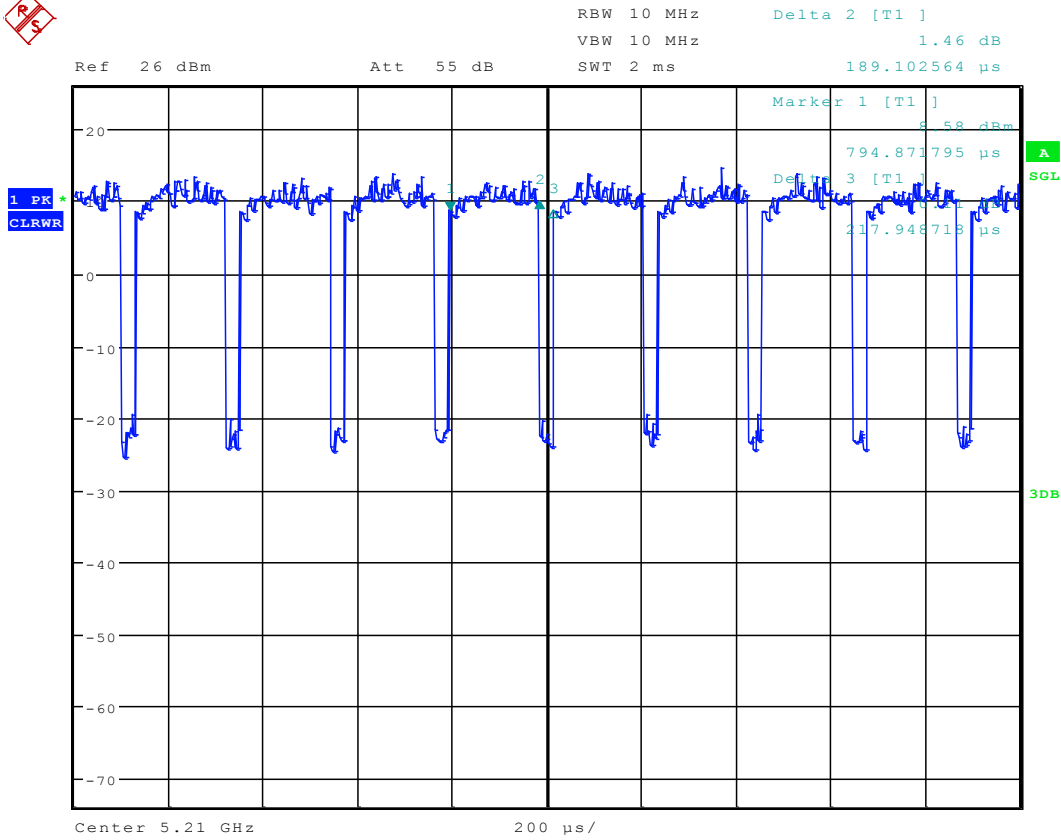
6.32 11ac80M Ant 2



Date: 11.FEB.2017 18:11:03



6.33 11ac80M Ant 3



Date: 14.FEB.2017 16:00:33



Appendix D: Maximum Conducted Output Power



7 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A20	36	5180	ANT 1	10.34	PASS
	36	5180	ANT 2	11.88	PASS
	36	5180	ANT 3	14.04	PASS
	48	5240	ANT 1	10.14	PASS
	48	5240	ANT 2	11.69	PASS
	48	5240	ANT 3	14.16	PASS
11N20	36	5180	ANT 1	9.71	PASS
	36	5180	ANT 2	11.74	PASS
	36	5180	ANT 3	14	PASS
	48	5240	ANT 1	9.97	PASS
	48	5240	ANT 2	11.65	PASS
	48	5240	ANT 3	14.06	PASS
11N20MIMO	36	5180	ANT 1	10.22	---
	36	5180	ANT 2	11.16	---
	36	5180	ANT 3	13.22	---
	36	5180	SUM	16.49	PASS
	48	5240	ANT 1	10.51	---
	48	5240	ANT 2	10.89	---
	48	5240	ANT 3	13.09	---
	48	5240	SUM	16.42	PASS
11N40	38	5190	ANT 1	9.34	PASS
	38	5190	ANT 2	10.37	PASS
	38	5190	ANT 3	13.39	PASS
	46	5230	ANT 1	9.14	PASS
	46	5230	ANT 2	10.41	PASS
	46	5230	ANT 3	13.4	PASS
11N40MIMO	38	5190	ANT 1	9.16	---
	38	5190	ANT 2	9.46	---
	38	5190	ANT 3	12.4	---
	38	5190	SUM	15.37	PASS
	46	5230	ANT 1	9.12	---
	46	5230	ANT 2	9.41	---
	46	5230	ANT 3	12.16	---
	46	5230	SUM	15.23	PASS
11AC20	36	5180	ANT 1	10.48	PASS



	36	5180	ANT 2	11.71	PASS
	36	5180	ANT 3	14.1	PASS
	48	5240	ANT 1	10.7	PASS
	48	5240	ANT 2	11.64	PASS
	48	5240	ANT 3	14.12	PASS
11AC20MIMO	36	5180	ANT 1	10.13	---
	36	5180	ANT 2	10.89	---
	36	5180	ANT 3	13.17	---
	36	5180	SUM	16.37	PASS
	48	5240	ANT 1	10.47	---
	48	5240	ANT 2	10.82	---
	48	5240	ANT 3	13.03	---
	48	5240	SUM	16.37	PASS
11AC40	38	5190	ANT 1	9.71	PASS
	38	5190	ANT 2	10.5	PASS
	38	5190	ANT 3	13.31	PASS
	46	5230	ANT 1	9.93	PASS
	46	5230	ANT 2	10.56	PASS
	46	5230	ANT 3	13.39	PASS
11AC40MIMO	38	5190	ANT 1	9.07	PASS
	38	5190	ANT 2	9.32	PASS
	38	5190	ANT 3	12.38	PASS
	38	5190	SUM	15.3	PASS
	46	5230	ANT 1	9.04	---
	46	5230	ANT 2	9.36	---
	46	5230	ANT 3	12.11	---
	46	5230	SUM	15.17	PASS
11AC80	42	5210	ANT 1	10.98	PASS
	42	5210	ANT 2	11.74	PASS
	42	5210	ANT 3	13.86	PASS
11AC80MIMO	42	5210	ANT 1	10	---
	42	5210	ANT 2	10.83	---
	42	5210	ANT 3	12.69	---
	42	5210	SUM	16.09	PASS



Appendix E: Peak Power Spectral Density Level



8 Result Table

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A20	36	5180	ANT 1	5.23	PASS
	36	5180	ANT 2	6.05	PASS
	36	5180	ANT 3	7.25	PASS
	48	5240	ANT 1	5.22	PASS
	48	5240	ANT 2	6.09	PASS
	48	5240	ANT 3	7	PASS
11N20	36	5180	ANT 1	5.08	PASS
	36	5180	ANT 2	6.02	PASS
	36	5180	ANT 3	7.03	PASS
	48	5240	ANT 1	4.95	PASS
	48	5240	ANT 2	5.5	PASS
	48	5240	ANT 3	6.98	PASS
11N20MIMO	36	5180	ANT 1	4.68	---
	36	5180	ANT 2	5.2	---
	36	5180	ANT 3	6.35	---
	36	5180	SUM	10.24	PASS
	48	5240	ANT 1	4.65	---
	48	5240	ANT 2	5.26	---
	48	5240	ANT 3	6.22	---
	48	5240	SUM	10.20	PASS
11N40	38	5190	ANT 1	1.84	PASS
	38	5190	ANT 2	2.39	PASS
	38	5190	ANT 3	3.91	PASS
	46	5230	ANT 1	2.08	PASS
	46	5230	ANT 2	2.4	PASS
	46	5230	ANT 3	4.11	PASS
11N40MIMO	38	5190	ANT 1	1.42	---
	38	5190	ANT 2	1.9	---
	38	5190	ANT 3	3.26	---
	38	5190	SUM	7.04	PASS
	46	5230	ANT 1	1.56	---
	46	5230	ANT 2	1.81	---
	46	5230	ANT 3	3.38	---
	46	5230	SUM	7.1	PASS
11AC20	36	5180	ANT 1	5.34	PASS

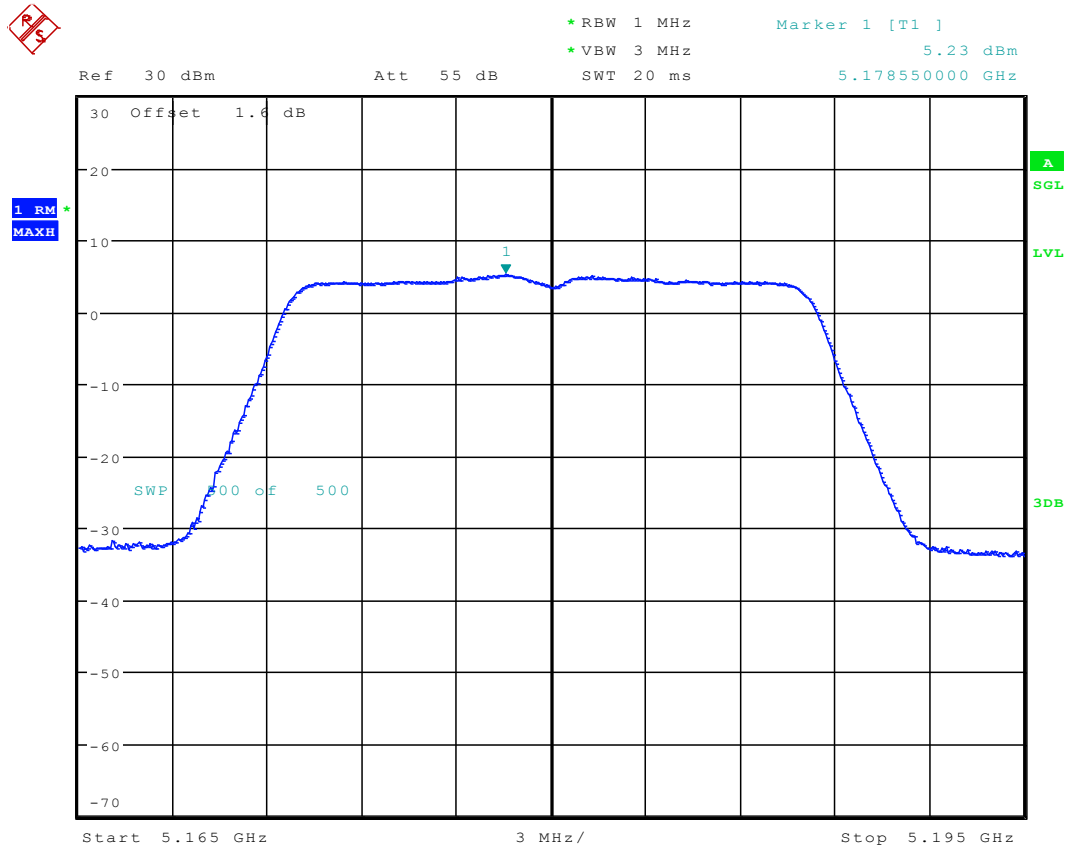


	36	5180	ANT 2	6	PASS
	36	5180	ANT 3	7.38	PASS
	48	5240	ANT 1	5.26	PASS
	48	5240	ANT 2	5.63	PASS
	48	5240	ANT 3	7.1	PASS
11AC20MIMO	36	5180	ANT 1	5.06	---
	36	5180	ANT 2	5.28	---
	36	5180	ANT 3	7.09	---
	36	5180	SUM	10.68	PASS
	48	5240	ANT 1	4.68	---
	48	5240	ANT 2	5.07	---
	48	5240	ANT 3	6.75	---
	48	5240	SUM	10.37	PASS
11AC40	38	5190	ANT 1	1.89	PASS
	38	5190	ANT 2	2.42	PASS
	38	5190	ANT 3	3.99	PASS
	46	5230	ANT 1	2.11	PASS
	46	5230	ANT 2	2.44	PASS
	46	5230	ANT 3	4.06	PASS
11AC40MIMO	38	5190	ANT 1	1.17	---
	38	5190	ANT 2	1.73	---
	38	5190	ANT 3	3.96	---
	38	5190	SUM	7.23	PASS
	46	5230	ANT 1	1.33	---
	46	5230	ANT 2	1.96	---
	46	5230	ANT 3	3.95	---
	46	5230	SUM	7.33	PASS
11AC80	42	5210	ANT 1	0.36	PASS
	42	5210	ANT 2	0.2	PASS
	42	5210	ANT 3	1.66	PASS
11AC80MIMO	42	5210	ANT 1	-0.53	---
	42	5210	ANT 2	-0.36	---
	42	5210	ANT 3	1.3	---
	42	5210	SUM	4.99	PASS



9 Test Plot

9.1 11A20_36 ANT 1

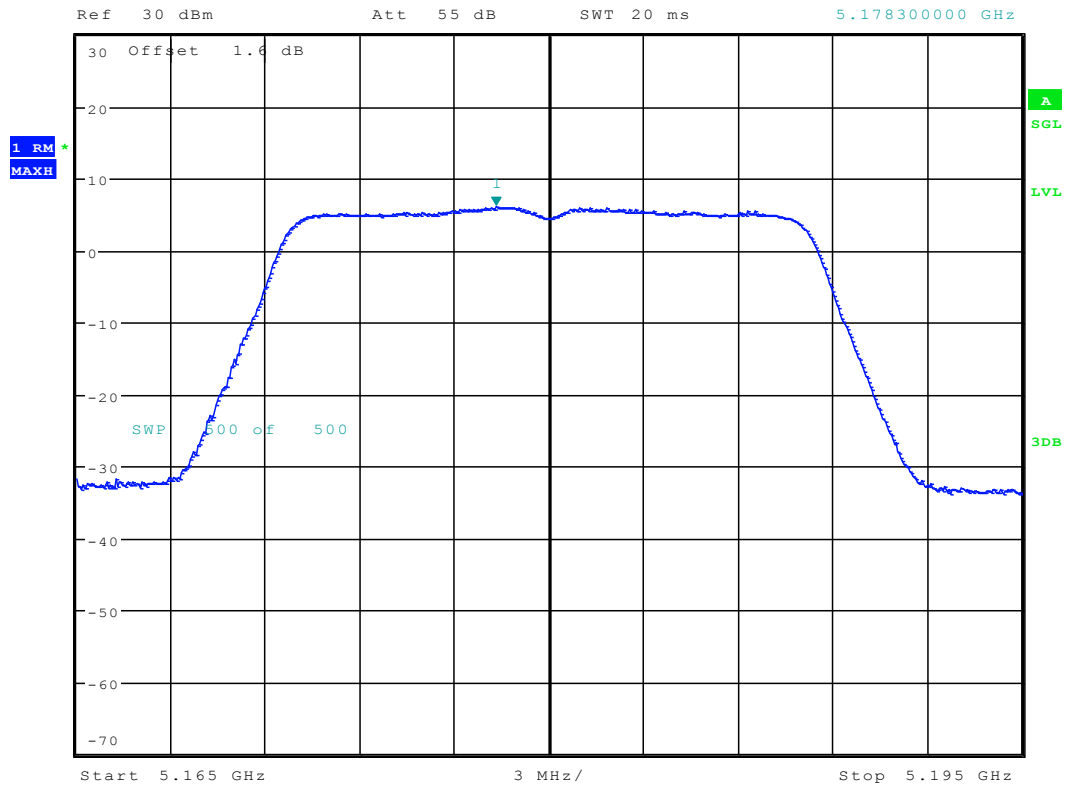


Date: 8.FEB.2017 16:52:12

9.2 11A20_36 ANT 2

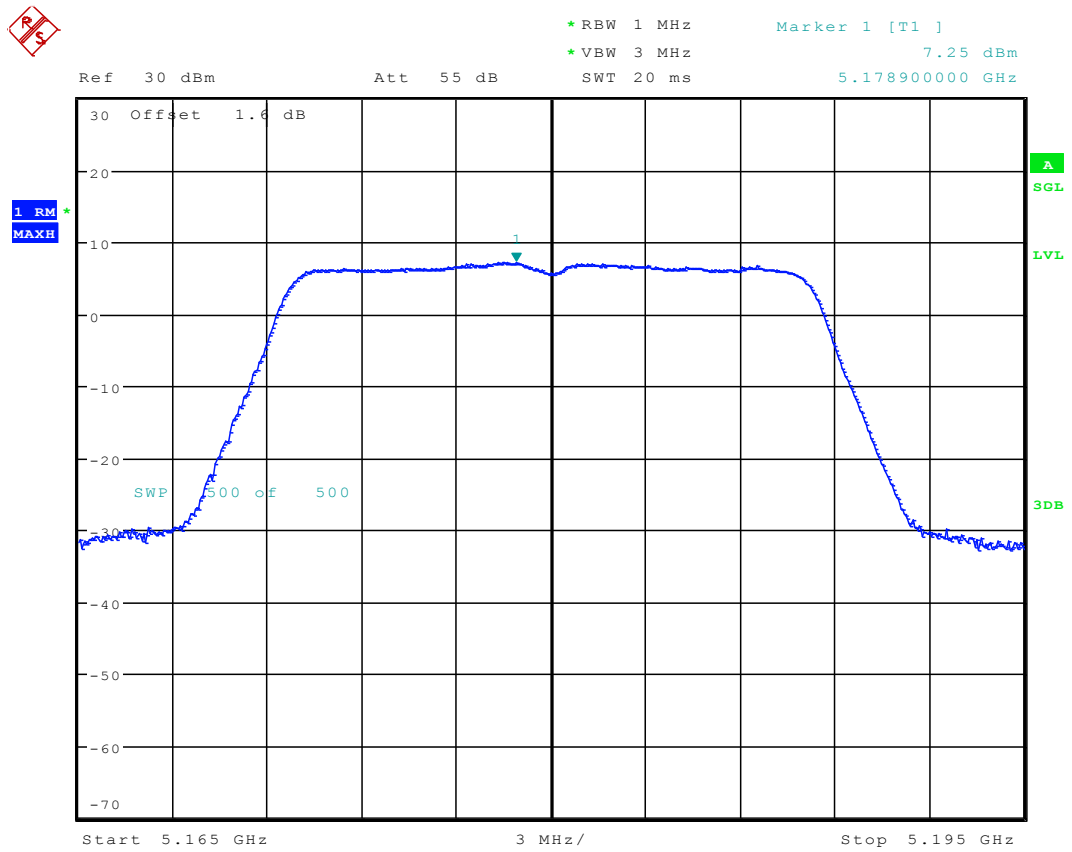


*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 6.05 dBm
SWT 20 ms 5.178300000 GHz



Date: 9.FEB.2017 14:52:49

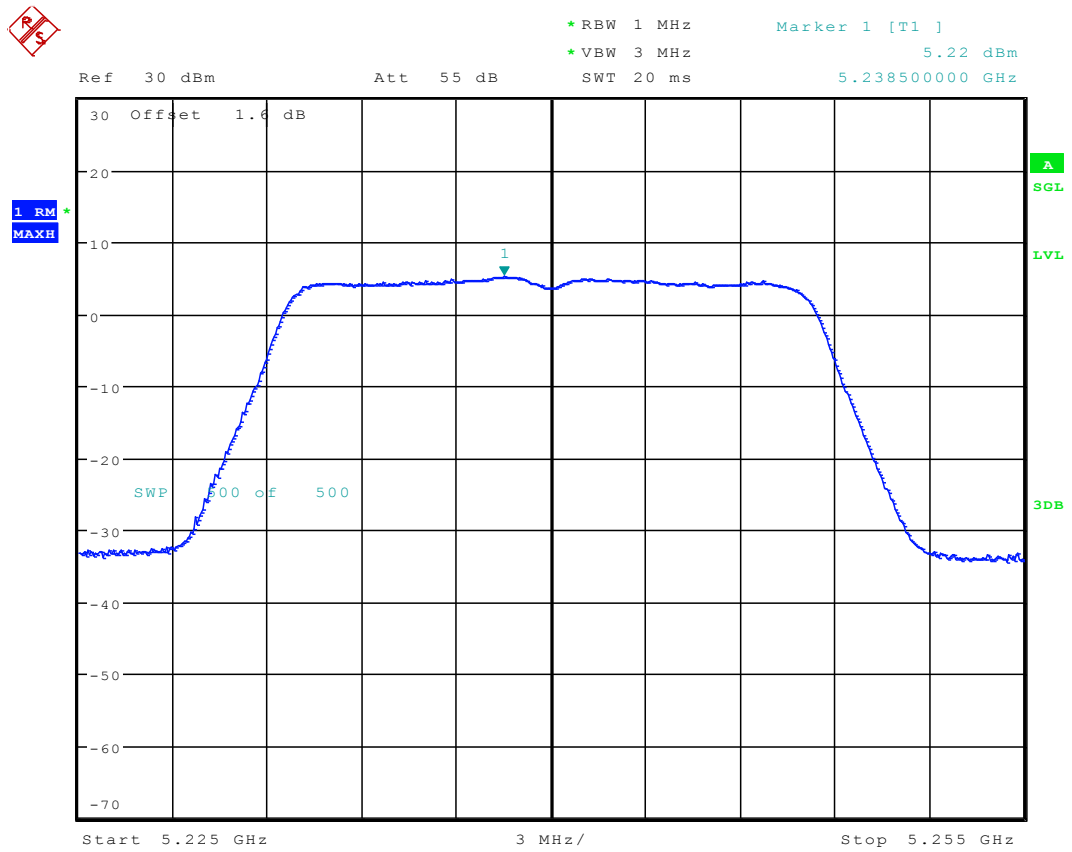
9.3 11A20_36 ANT 3



Date: 9.FEB.2017 18:19:46

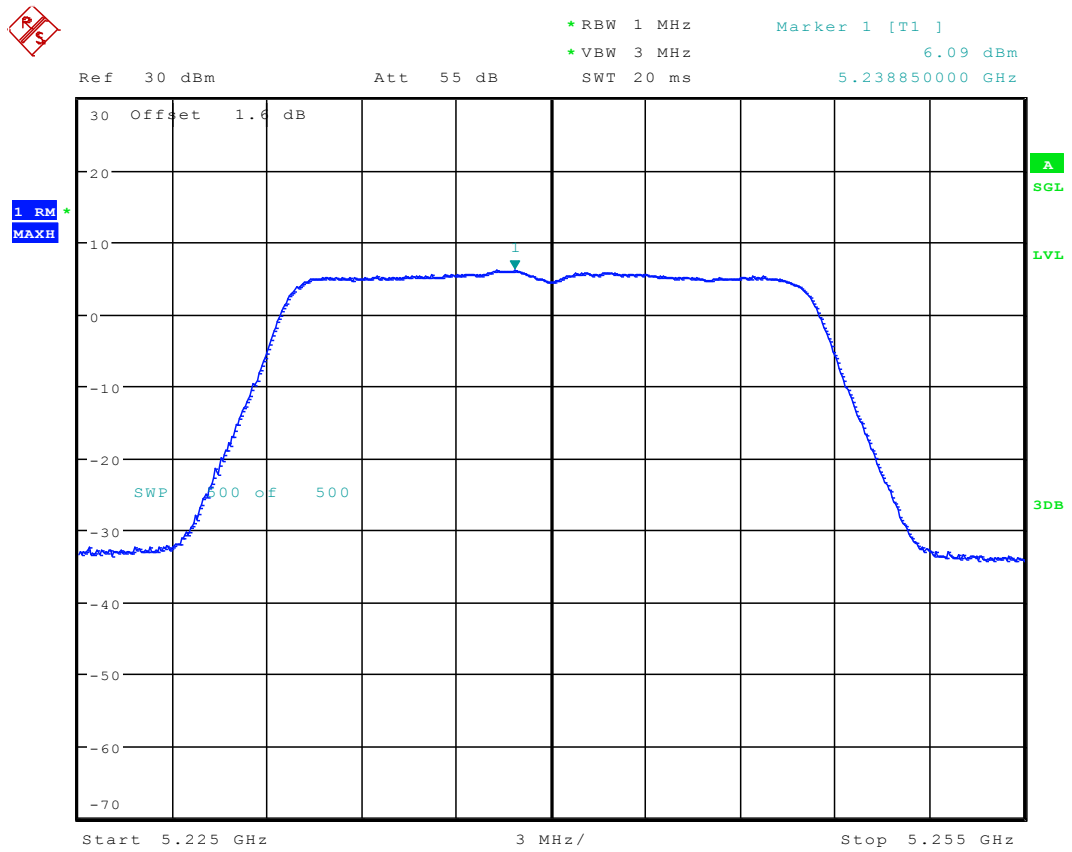


9.4 11A20_48 ANT 1



Date: 8.FEB.2017 17:11:21

9.5 11A20_48 ANT 2

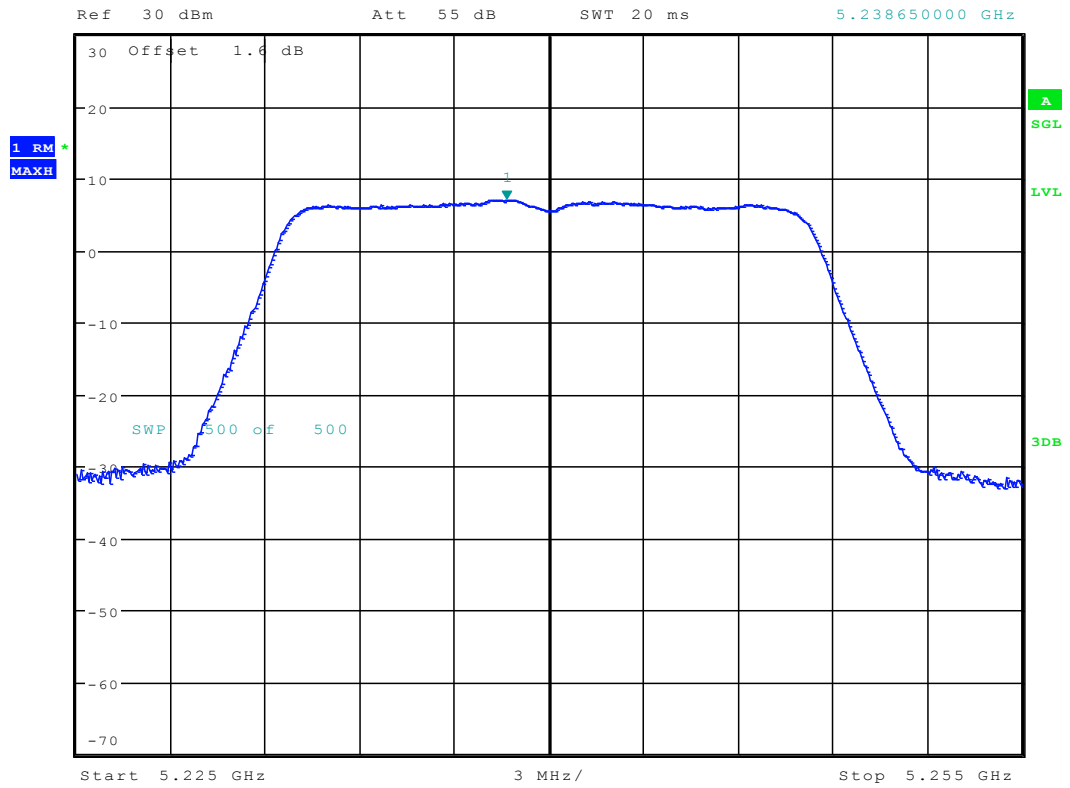


Date: 9.FEB.2017 15:24:17

9.6 11A20_48 ANT 3



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 7.00 dBm
SWT 20 ms 5.238650000 GHz

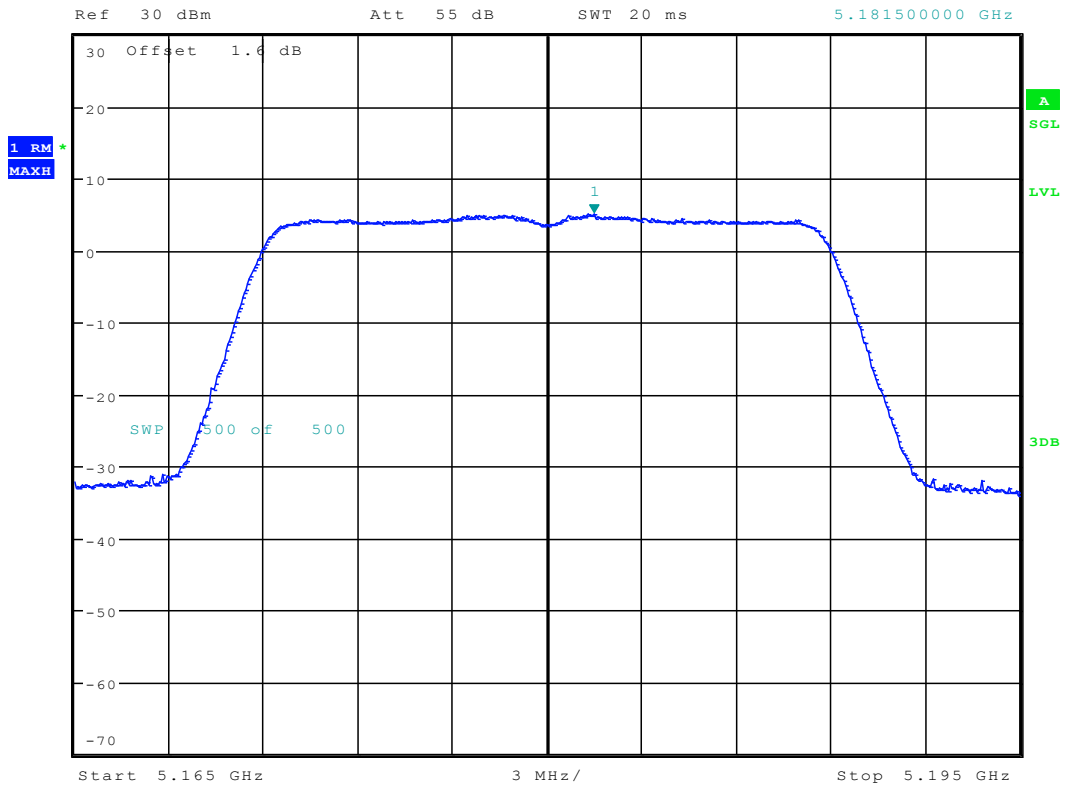


Date: 9.FEB.2017 18:25:11

9.7 11N20_36 ANT 1



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 5.08 dBm
SWT 20 ms 5.181500000 GHz

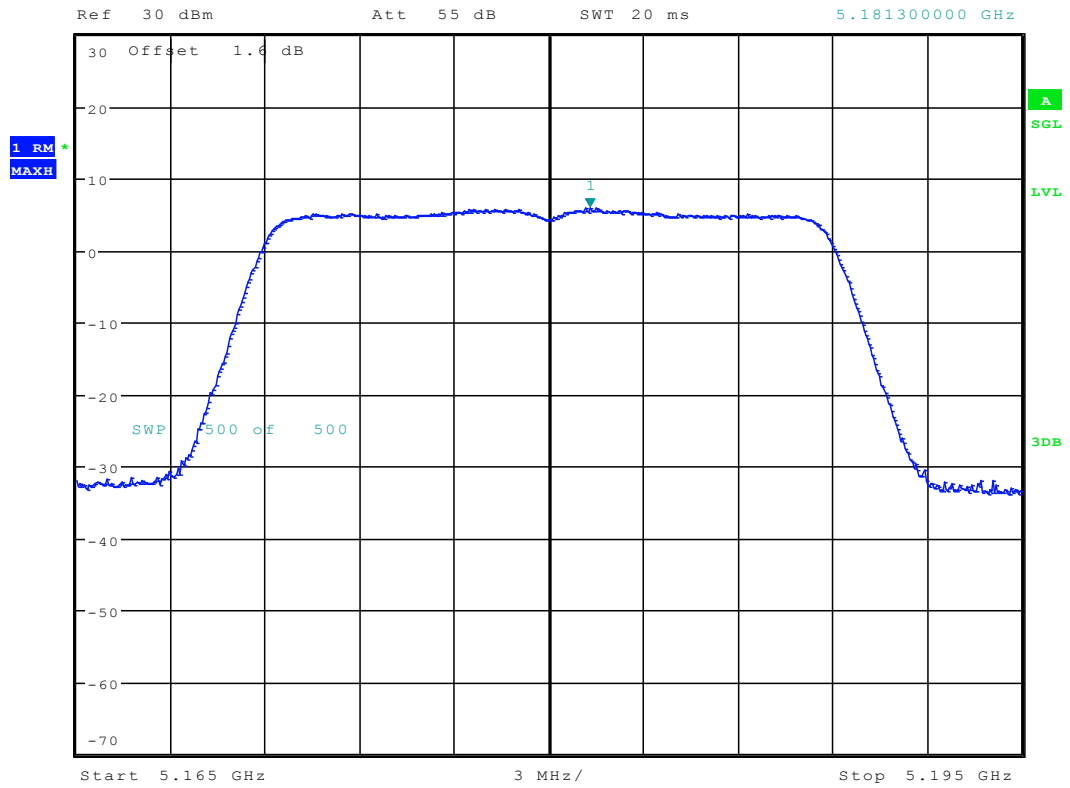


Date: 8.FEB.2017 18:25:35

9.8 11N20_36 ANT 2

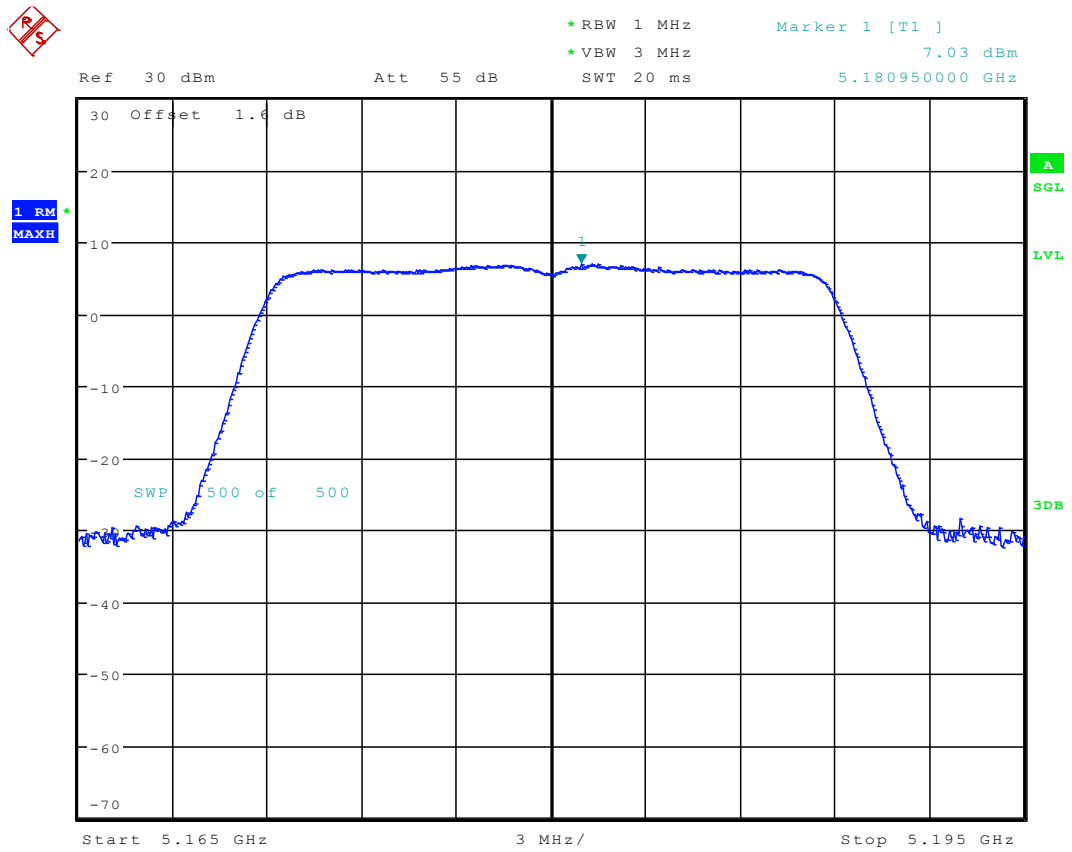


*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 6.02 dBm
SWT 20 ms 5.181300000 GHz



Date: 9.FEB.2017 15:37:19

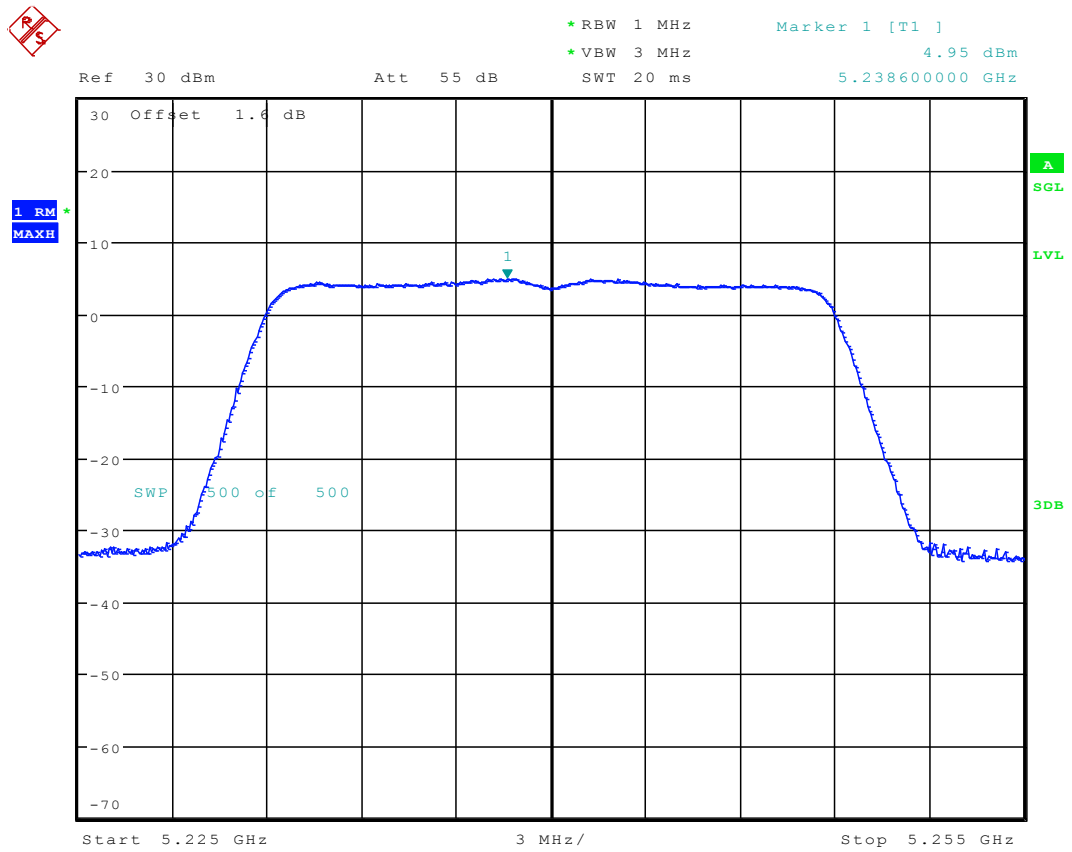
9.9 11N20_36 ANT 3



Date: 9.FEB.2017 18:34:08



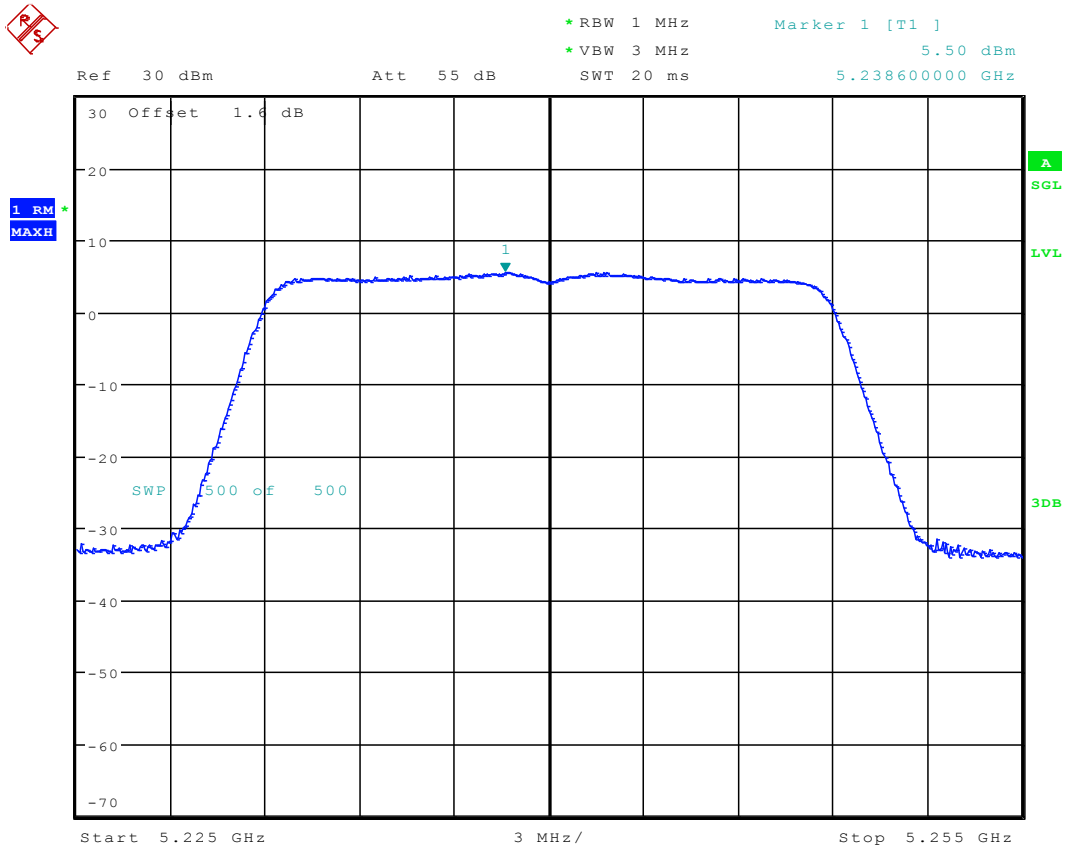
9.10 11N20_48 ANT 1



Date: 8.FEB.2017 18:31:49



9.11 11N20_48 ANT 2

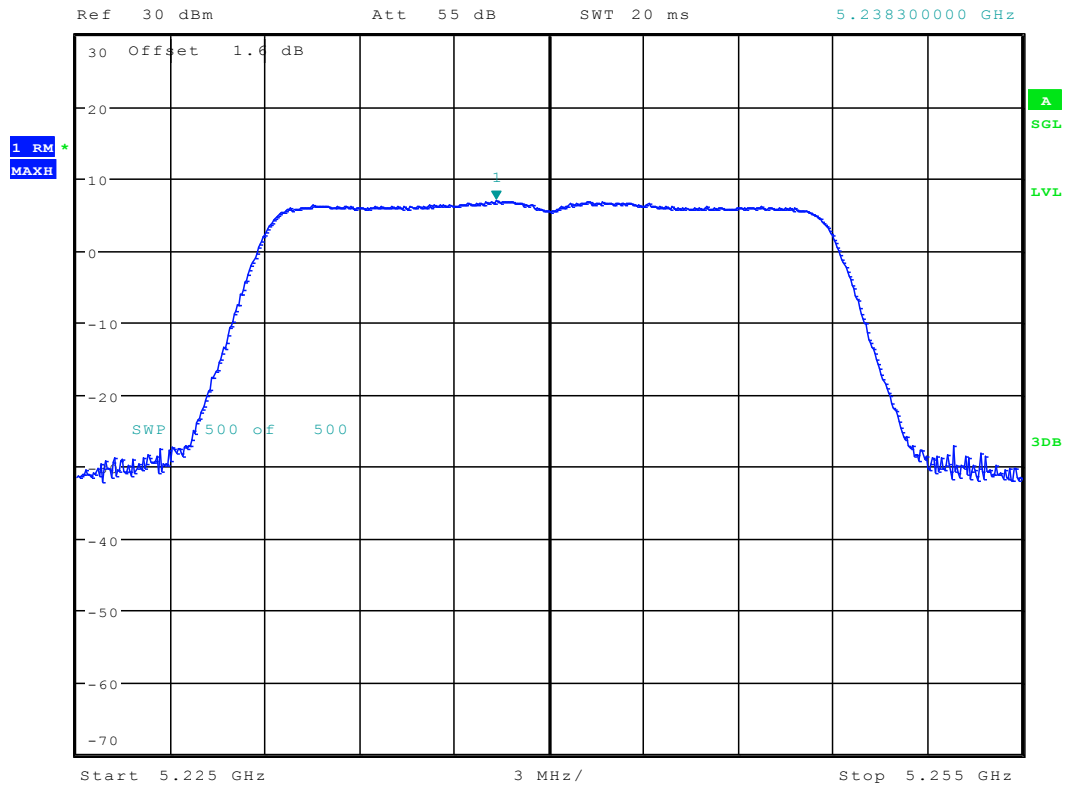


Date: 9.FEB.2017 15:48:09

9.12 11N20_48 ANT 3



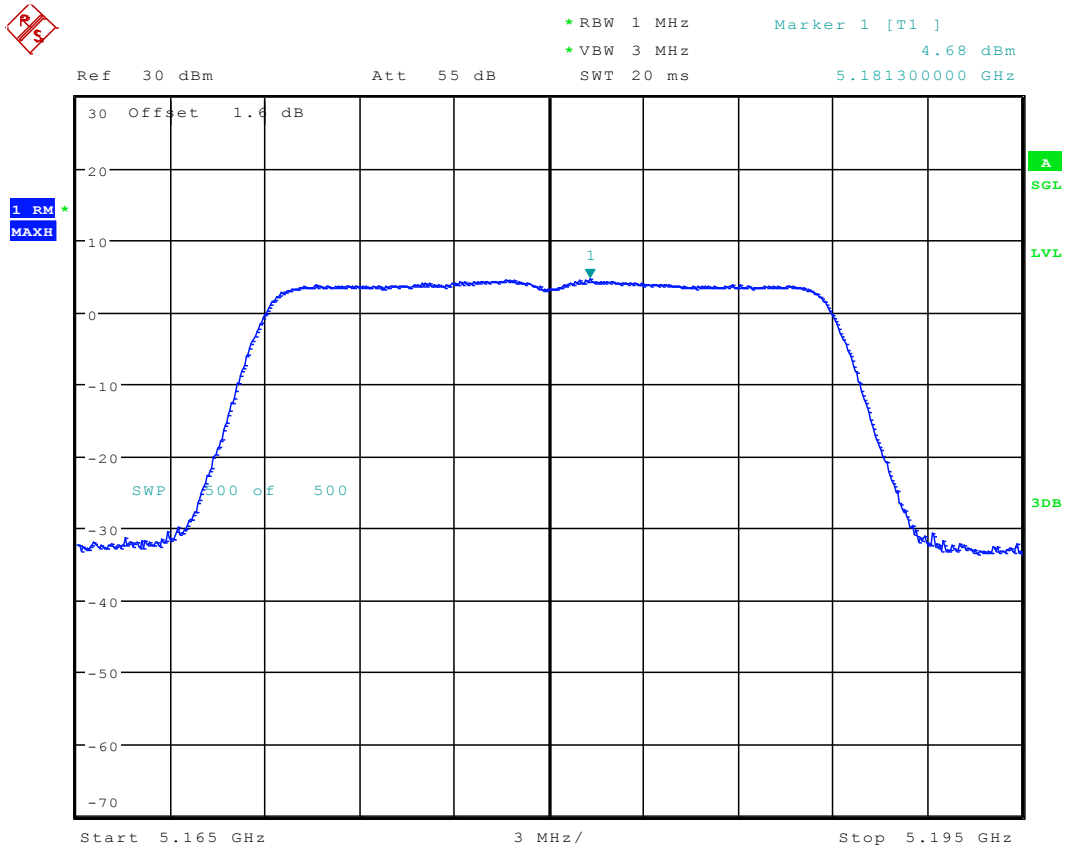
*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 6.98 dBm
SWT 20 ms 5.238300000 GHz



Date: 9.FEB.2017 18:43:42

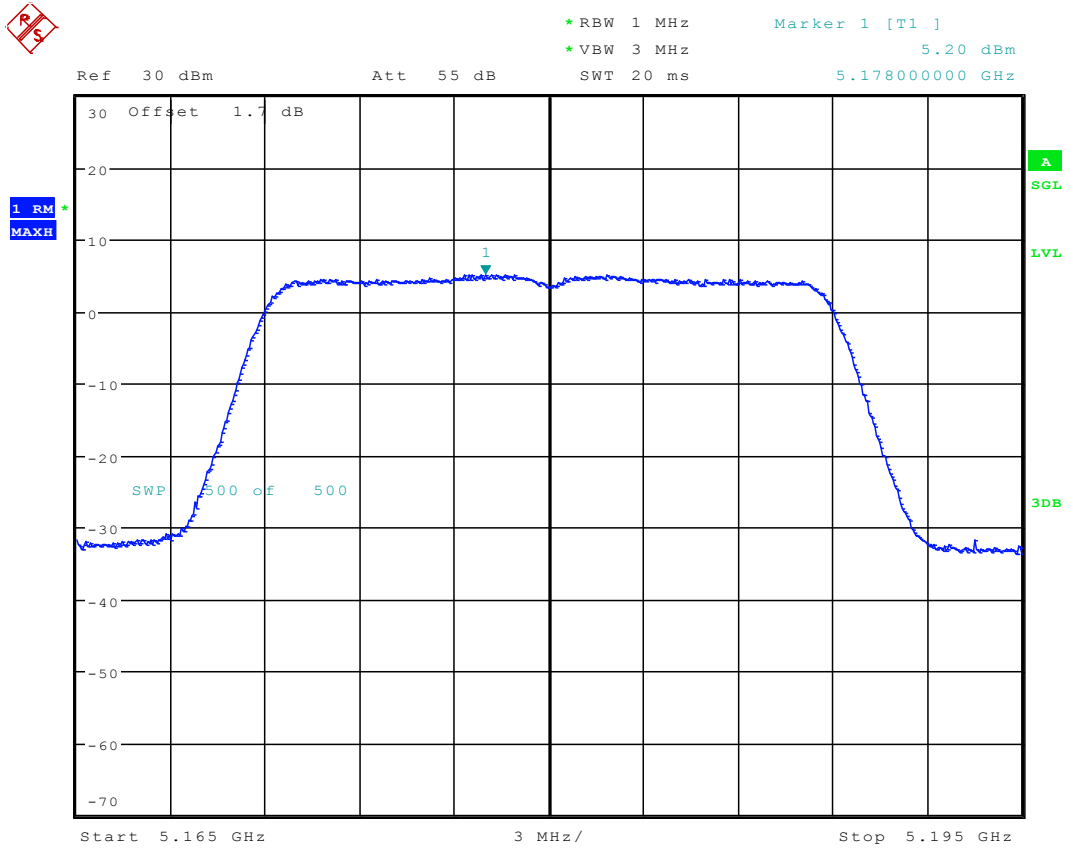


9.13 11N20MIMO_36 ANT 1



Date: 11.FEB.2017 18:33:46

9.14 11N20MIMO_36 ANT 2



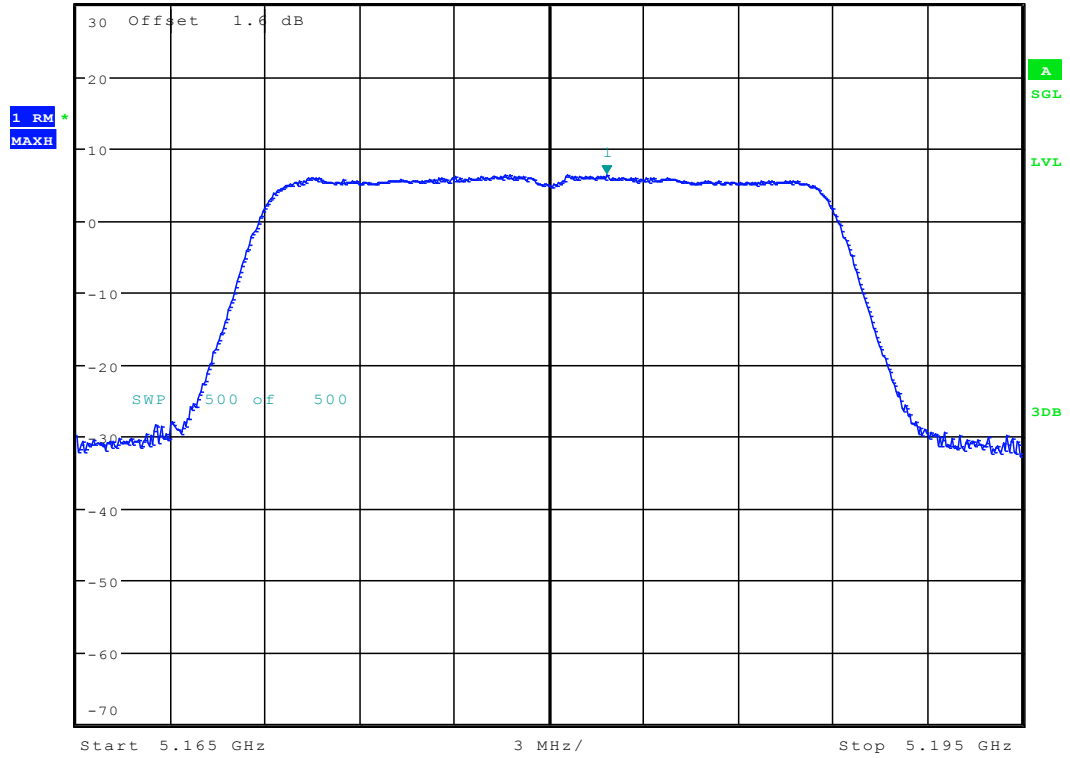
Date: 11.FEB.2017 17:25:42



9.15 11N20MIMO_36 ANT 3



*RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz 6.35 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.181850000 GHz

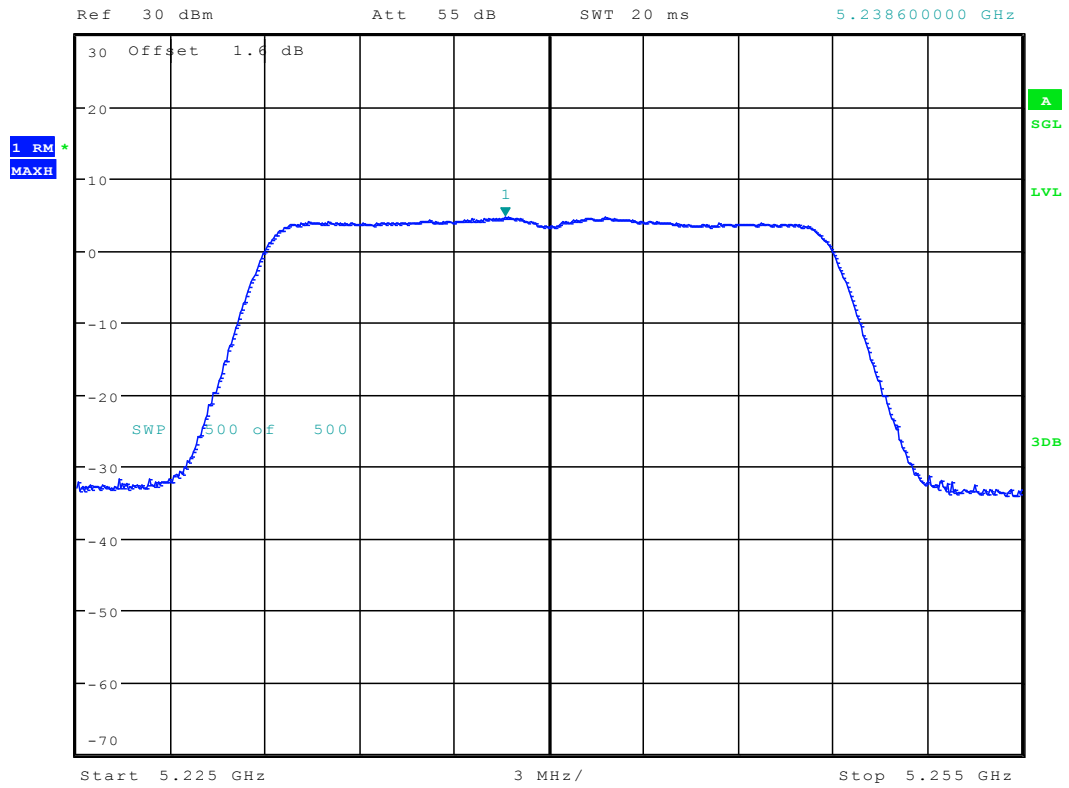


Date: 11.FEB.2017 16:30:00

9.16 11N20MIMO_48 ANT 1



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 4.65 dBm
SWT 20 ms 5.238600000 GHz



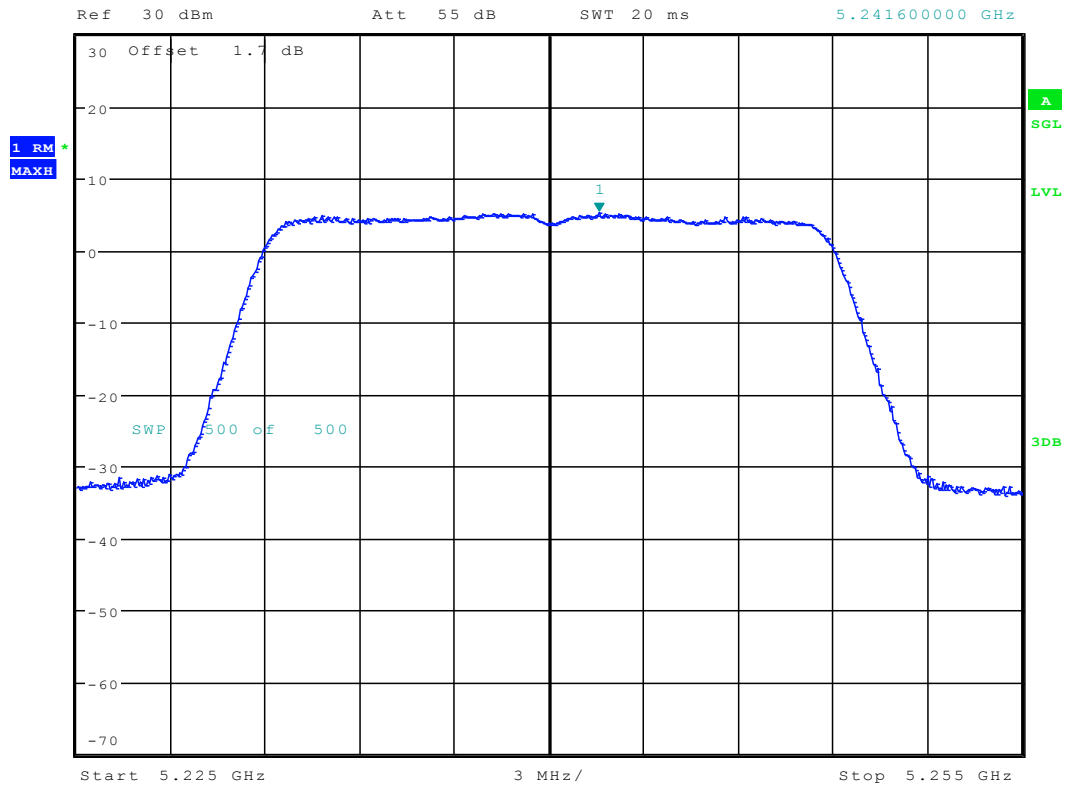
Date: 11.FEB.2017 18:38:53



9.17 11N20MIMO_48 ANT 2



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 5.26 dBm
SWT 20 ms 5.241600000 GHz

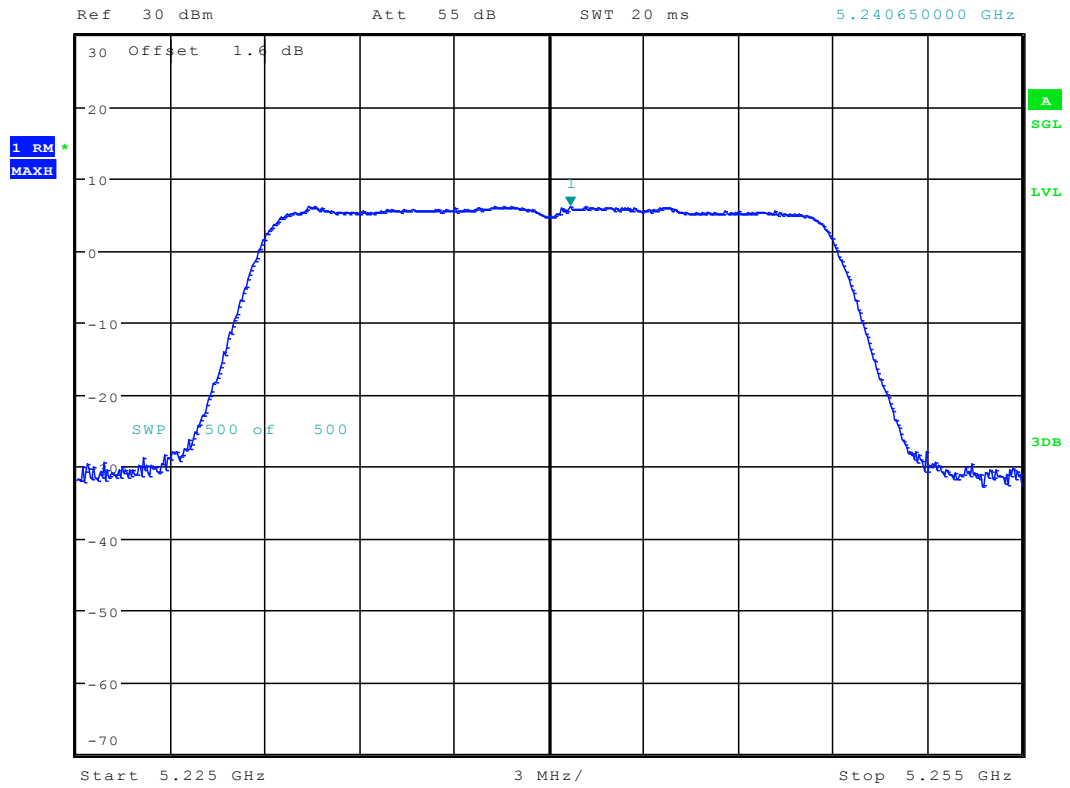


Date: 11.FEB.2017 17:20:20

9.18 11N20MIMO_48 ANT 3



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 6.22 dBm
SWT 20 ms 5.240650000 GHz



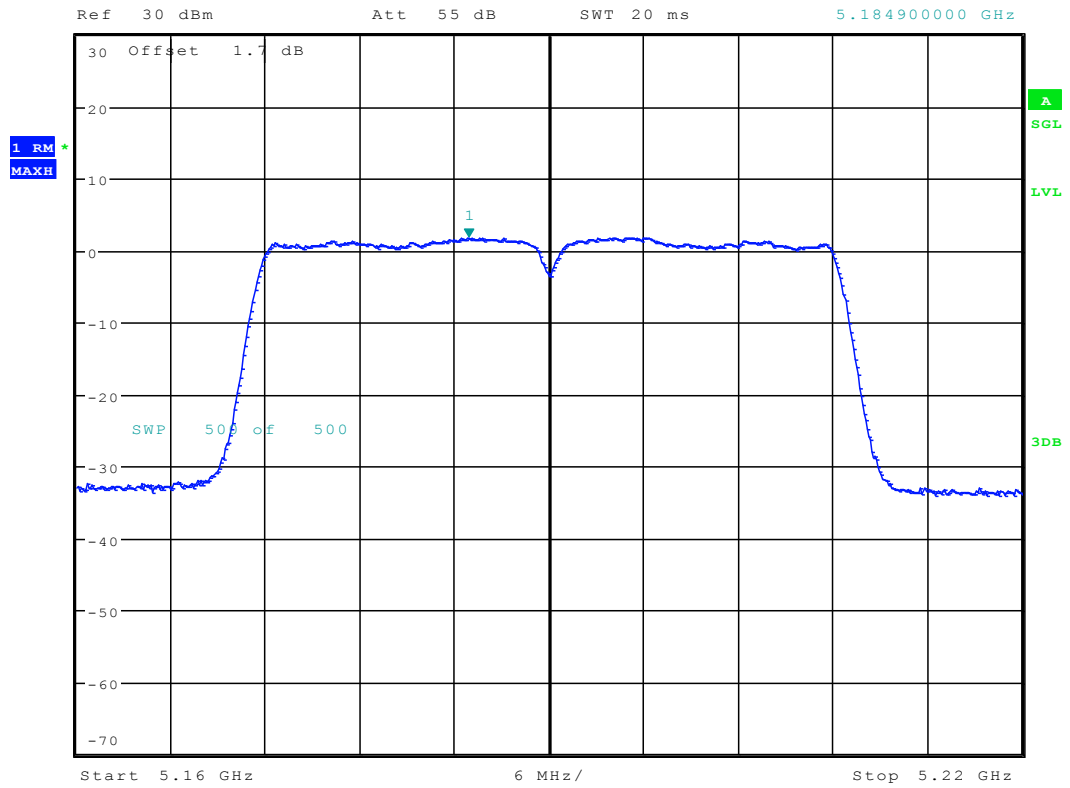
Date: 11.FEB.2017 16:38:24



9.19 11N40_38 ANT 1



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 1.84 dBm
SWT 20 ms 5.184900000 GHz



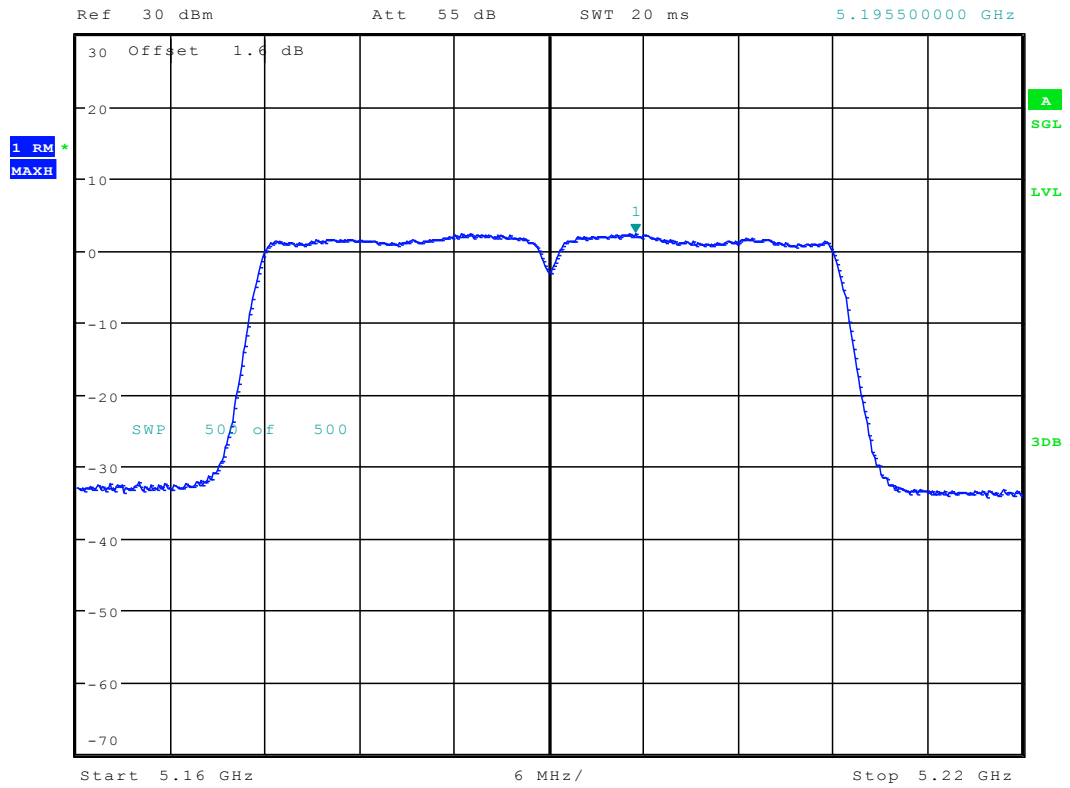
Date: 9.FEB.2017 11:27:35



9.20 11N40_38 ANT 2

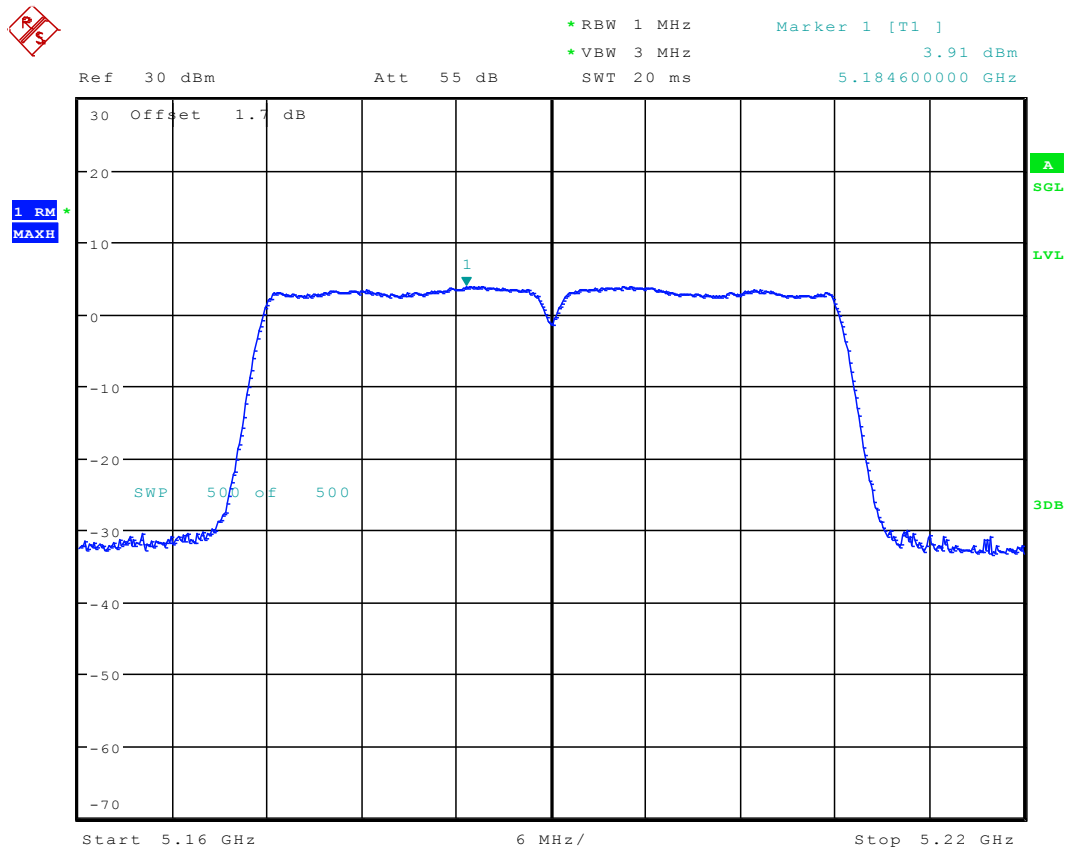


*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 2.39 dBm
SWT 20 ms 5.195500000 GHz



Date: 9.FEB.2017 16:17:25

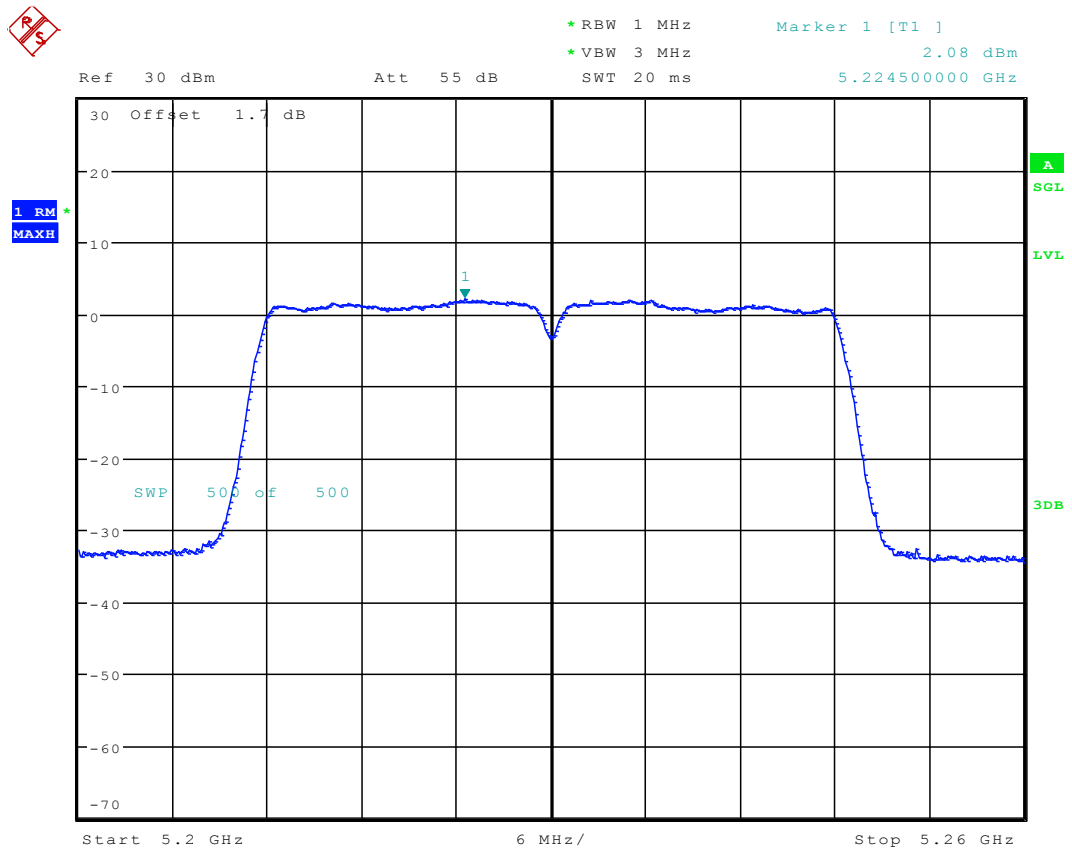
9.21 11N40_38 ANT 3



Date: 9.FEB.2017 19:50:41



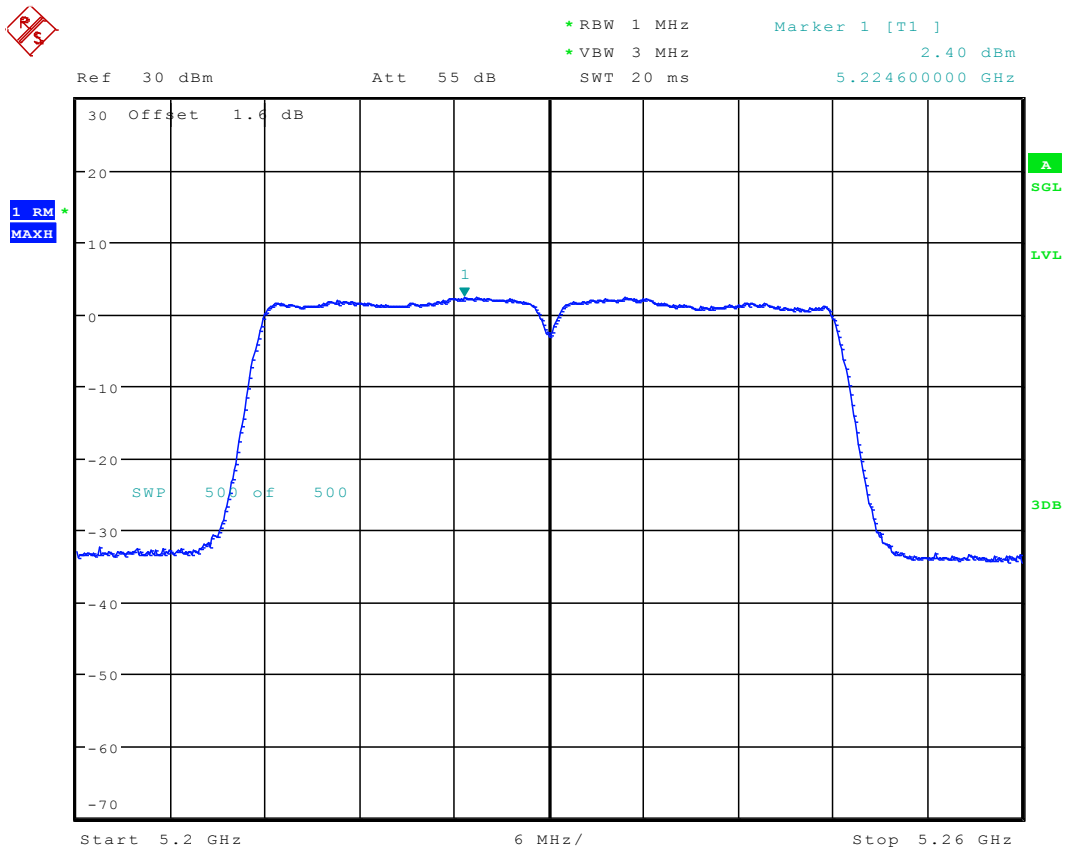
9.22 11N40_46 ANT 1



Date: 9.FEB.2017 11:34:50



9.23 11N40_46 ANT 2

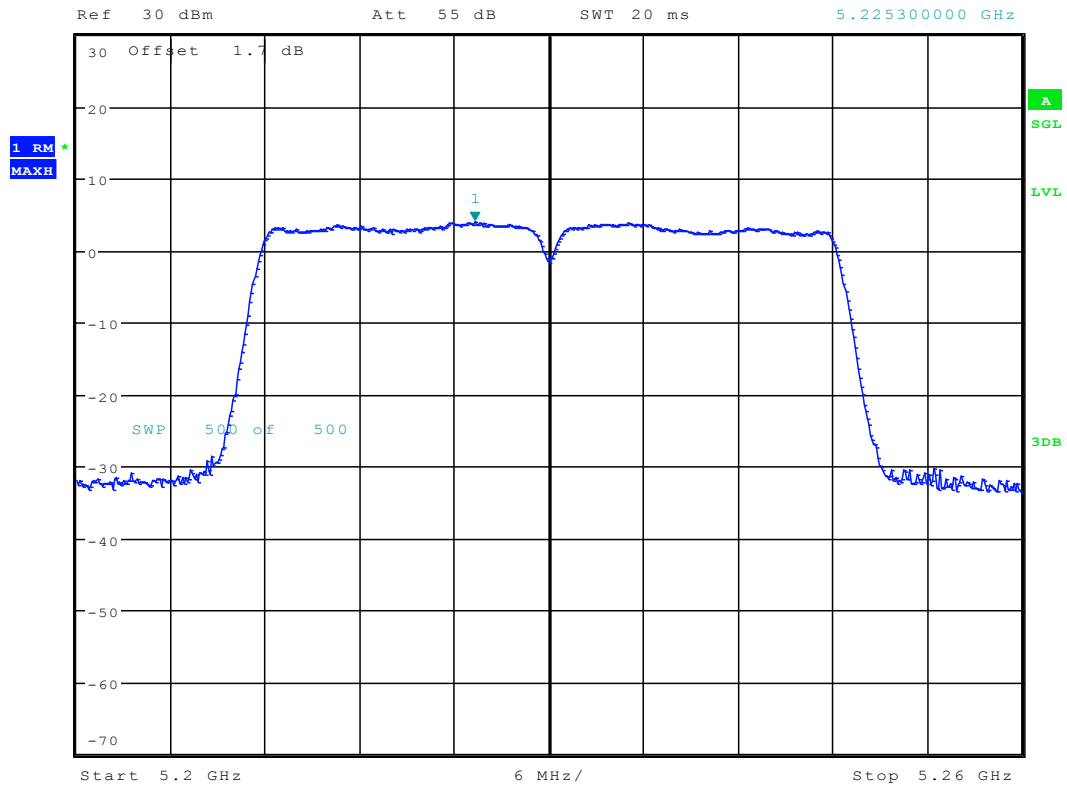


Date: 9.FEB.2017 16:23:16

9.24 11N40_46 ANT 3

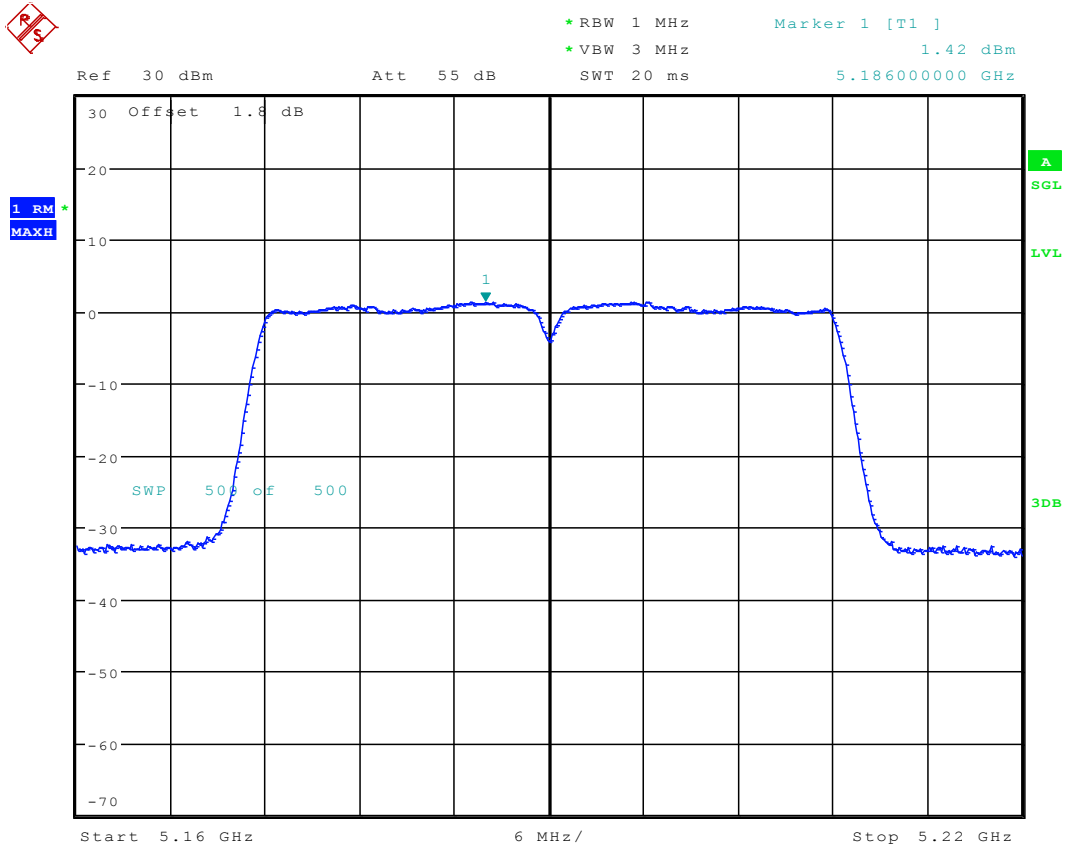


*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 4.11 dBm
SWT 20 ms 5.225300000 GHz



Date: 9.FEB.2017 19:57:01

9.25 11N40MIMO_38 ANT 1



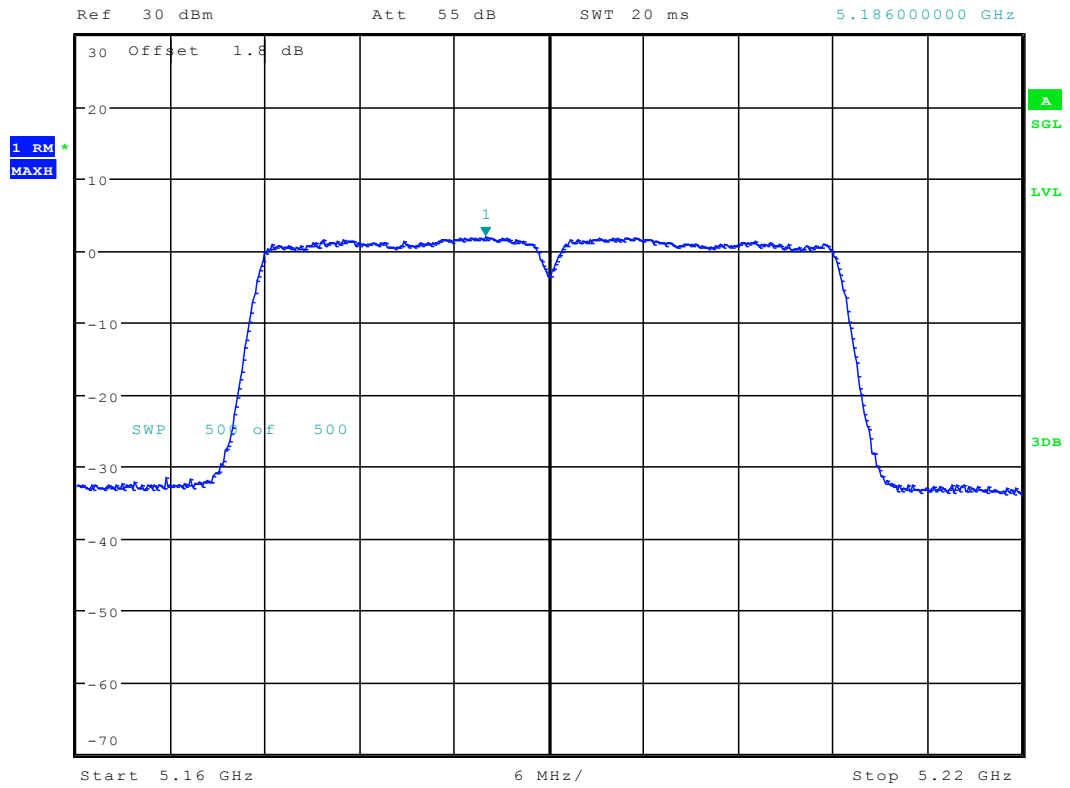
Date: 11.FEB.2017 18:49:51



9.26 11N40MIMO_38 ANT 2



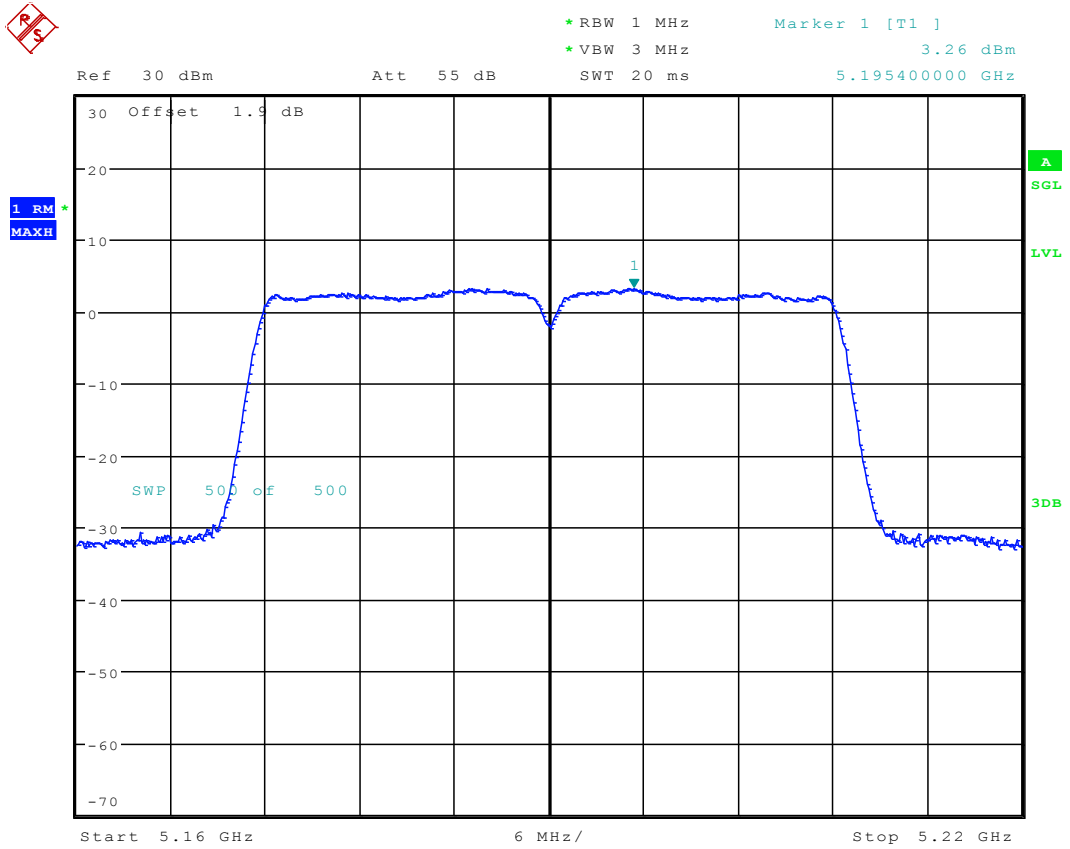
*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 1.90 dBm
SWT 20 ms 5.186000000 GHz



Date: 11.FEB.2017 17:34:03



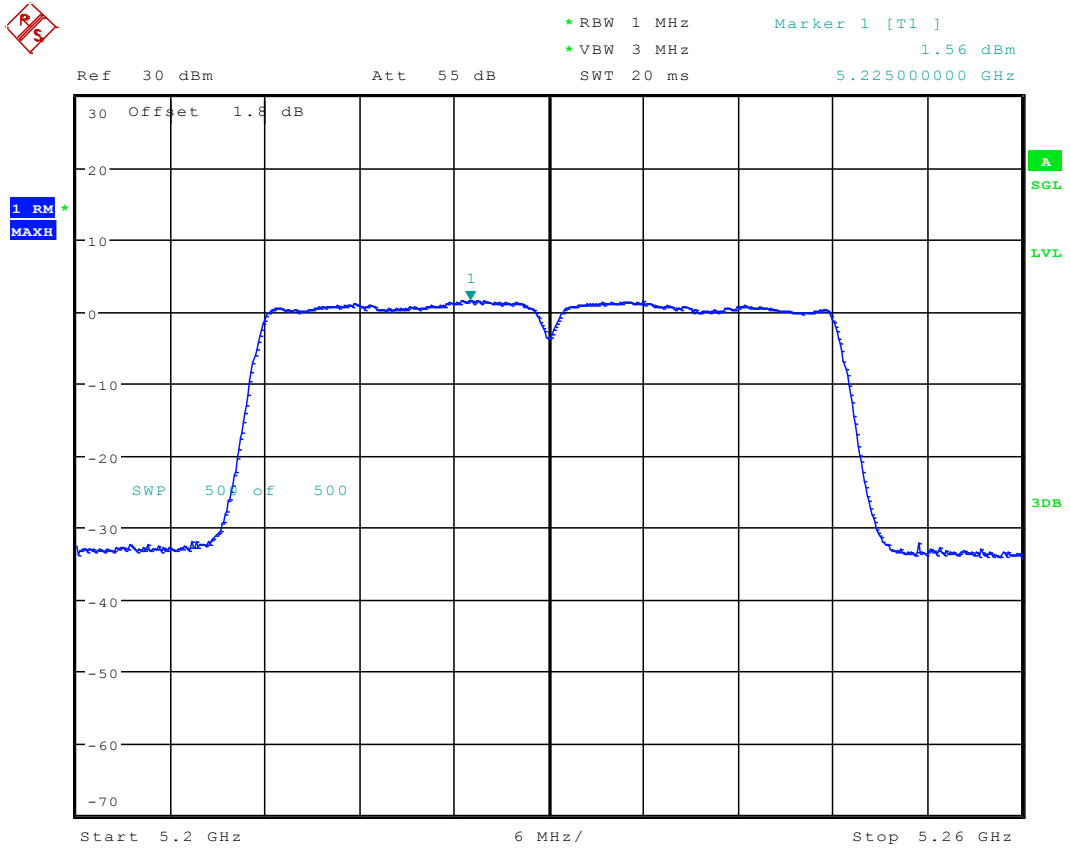
9.27 11N40MIMO_38 ANT 3



Date: 11.FEB.2017 16:51:49



9.28 11N40MIMO_46 ANT 1



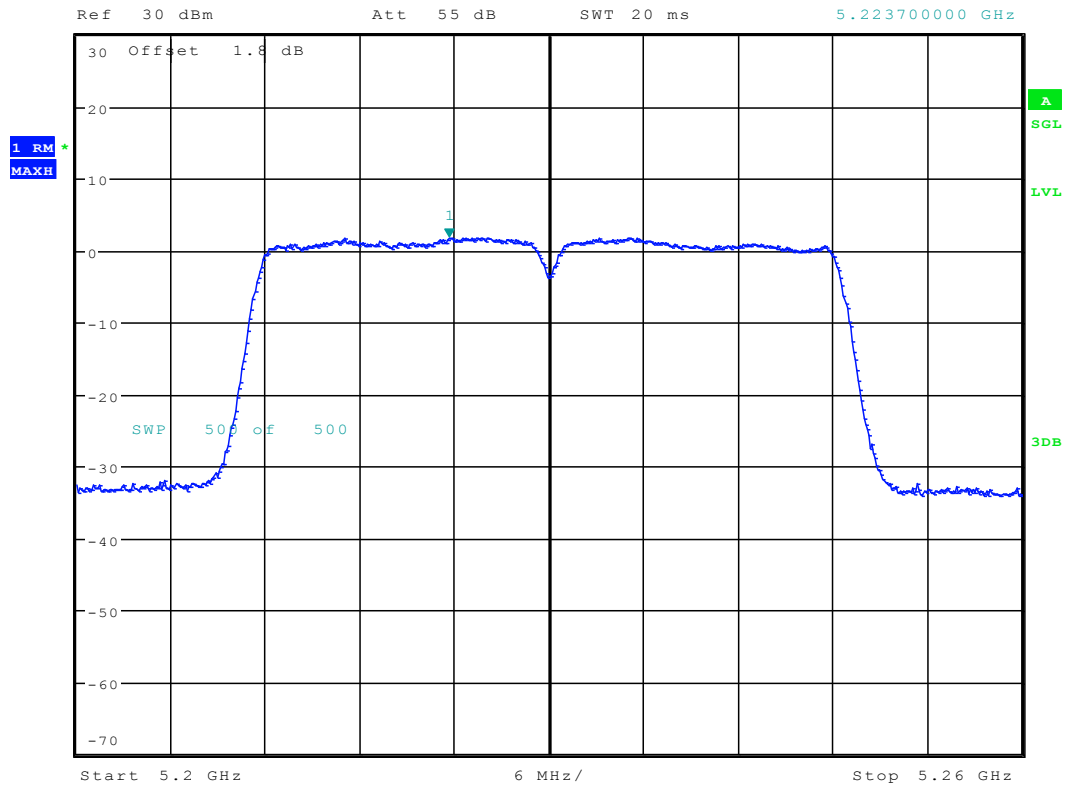
Date: 11.FEB.2017 18:55:01



9.29 11N40MIMO_46 ANT 2



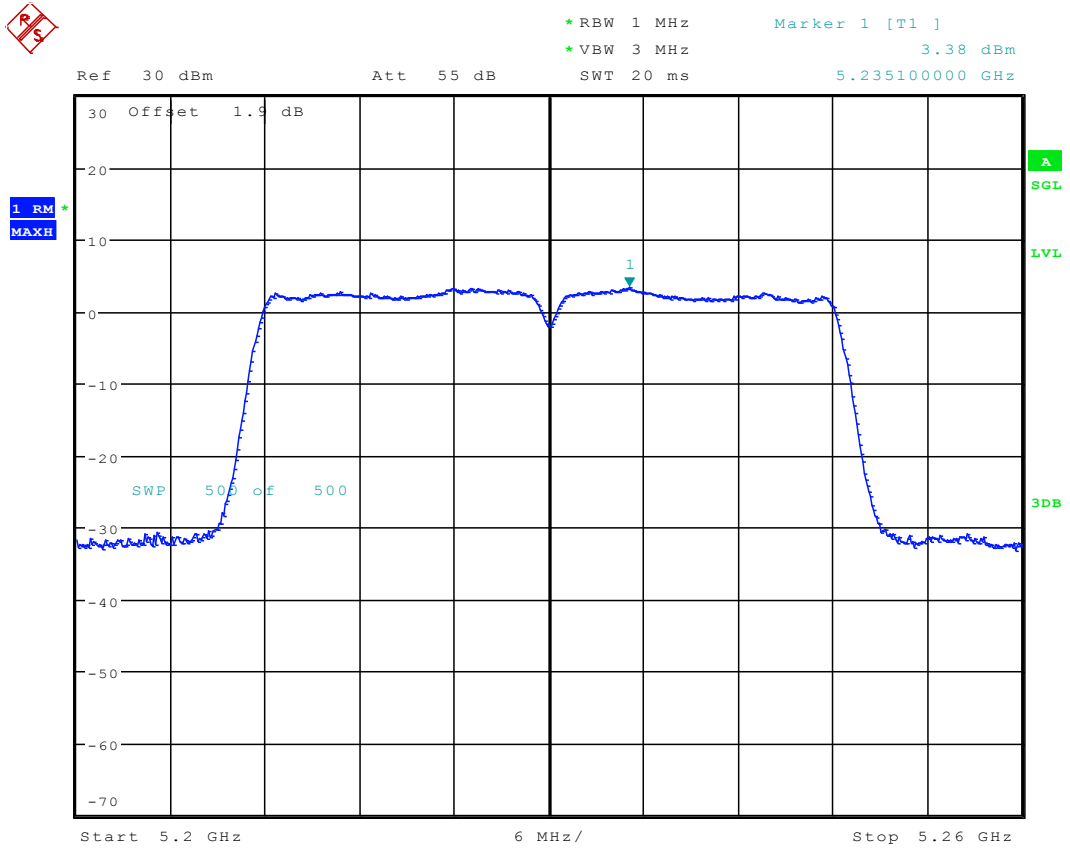
*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 1.81 dBm
SWT 20 ms 5.223700000 GHz



Date: 11.FEB.2017 17:39:27



9.30 11N40MIMO_46 ANT 3

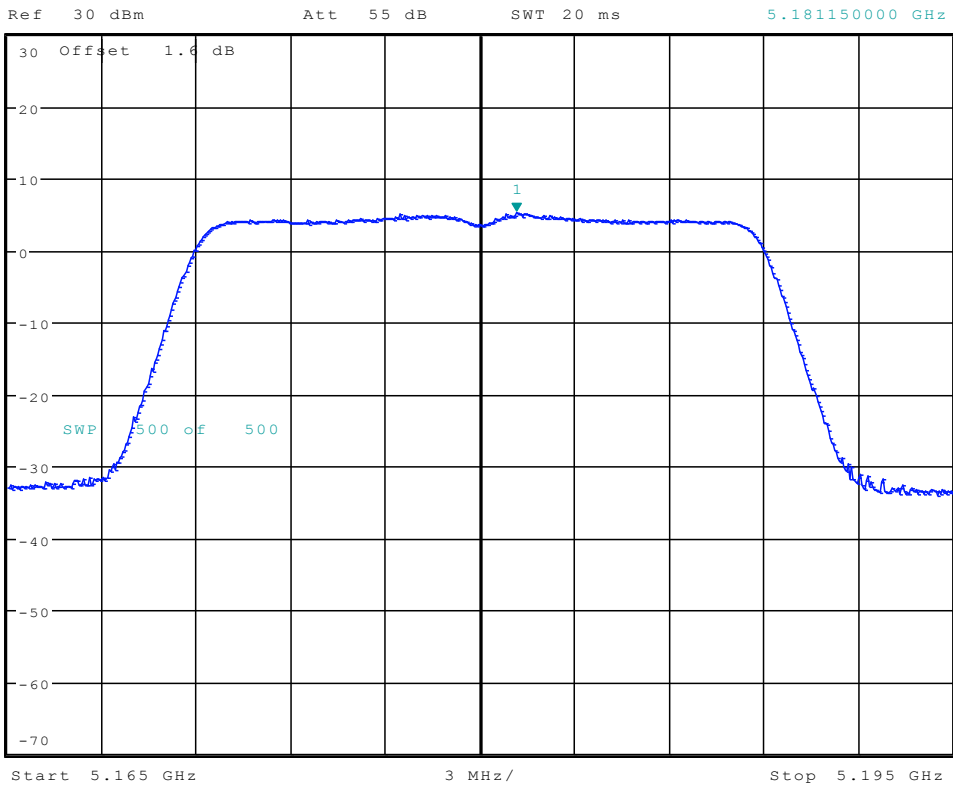


Date: 11.FEB.2017 16:57:13

9.31 11AC20_36 ANT 1

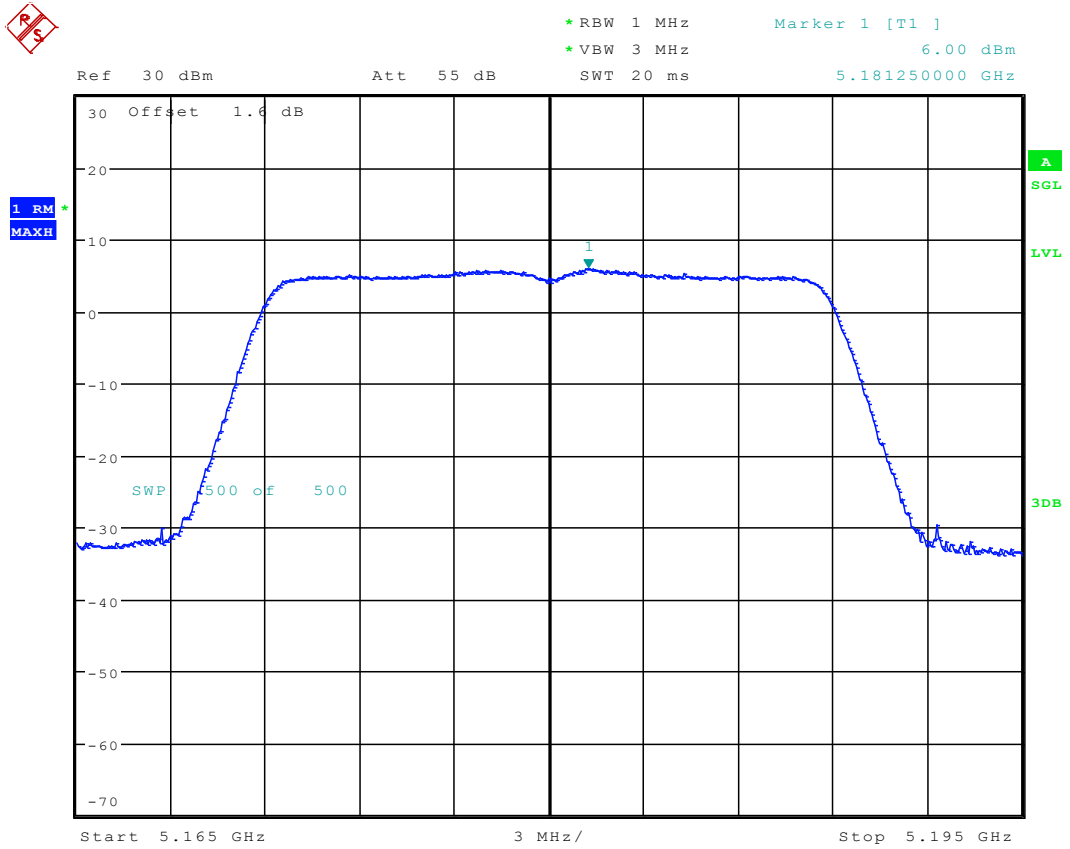


*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 5.34 dBm
SWT 20 ms 5.181150000 GHz



Date: 9.FEB.2017 10:41:11

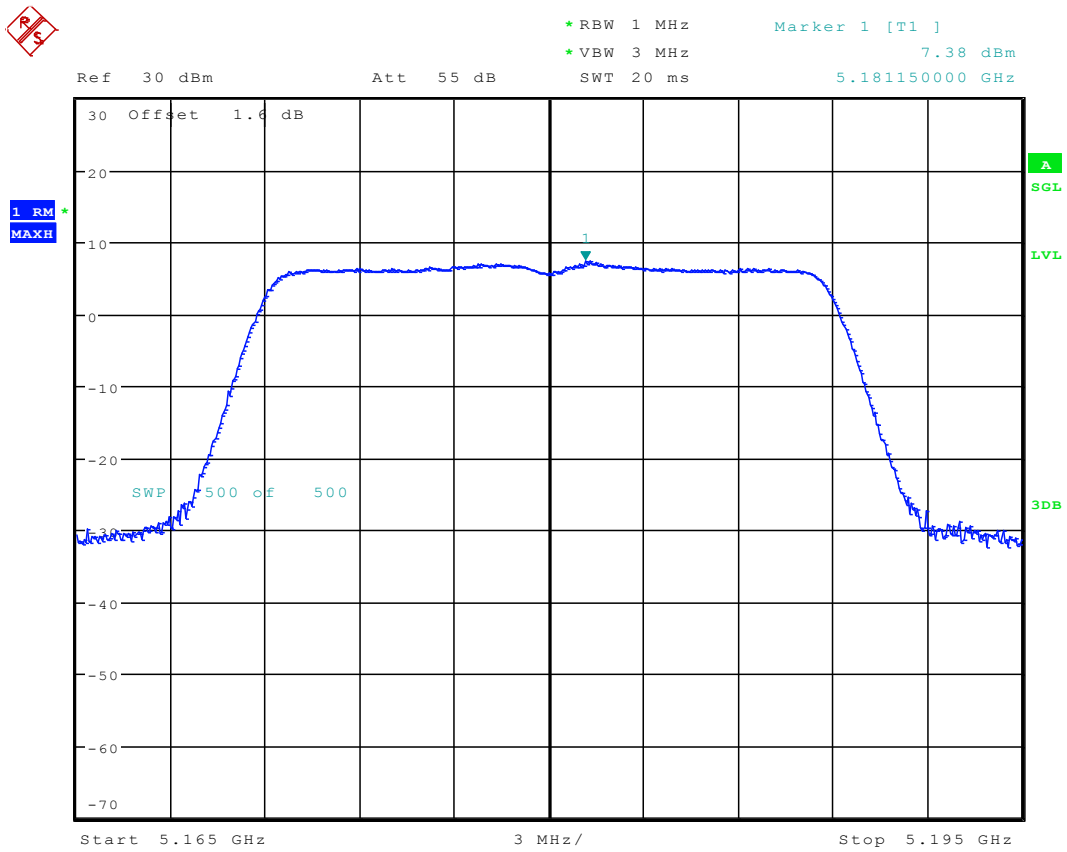
9.32 11AC20_36 ANT 2



Date: 9.FEB.2017 15:56:44

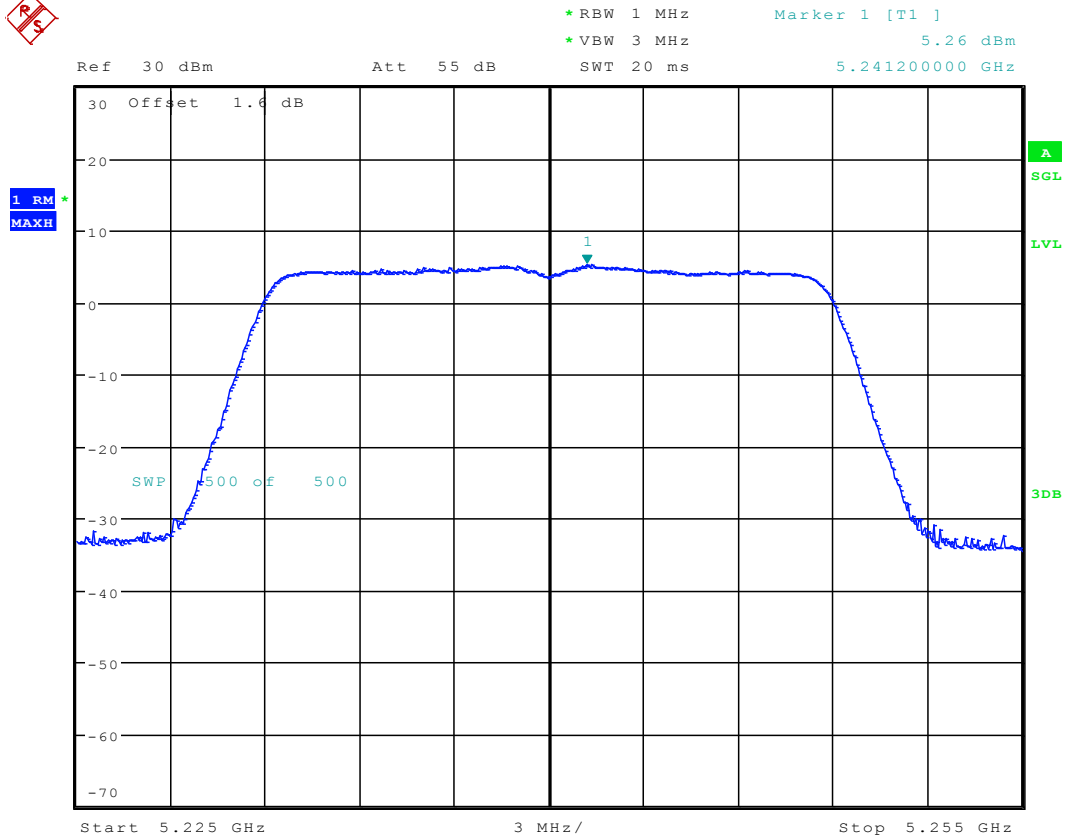


9.33 11AC20_36 ANT 3



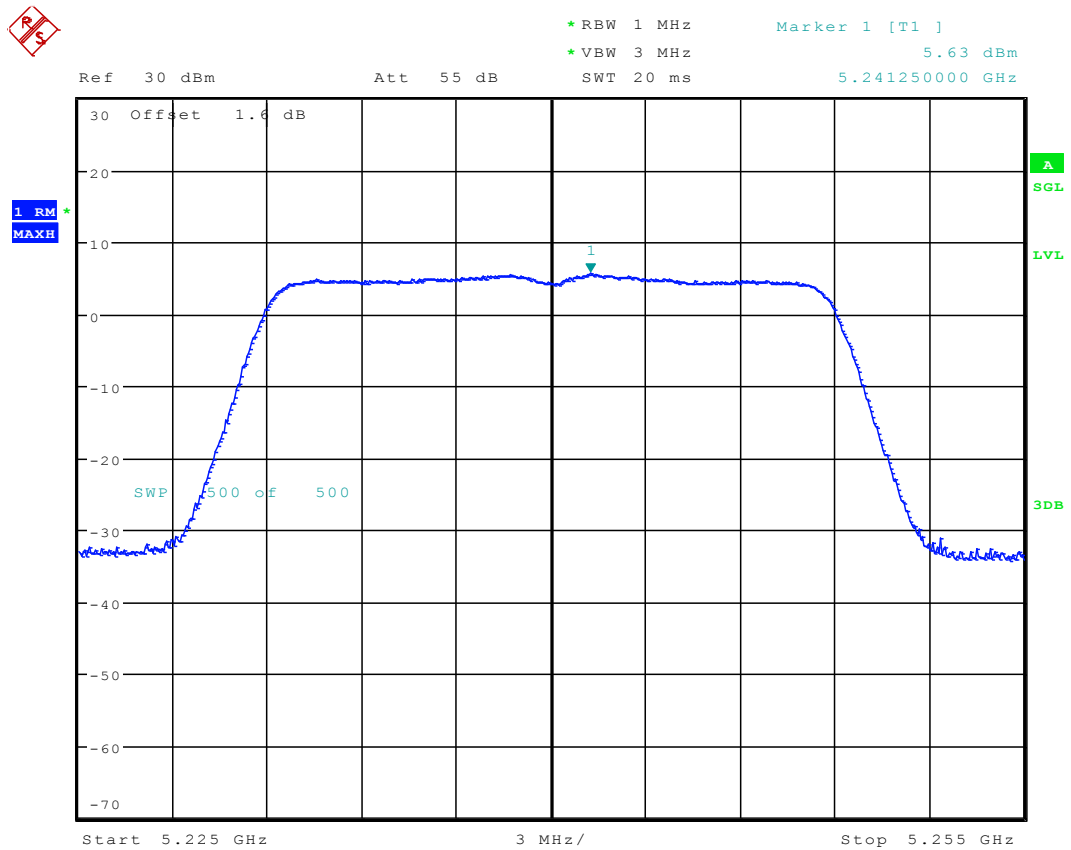
Date: 9.FEB.2017 19:29:15

9.34 11AC20_48 ANT 1



Date: 9.FEB.2017 10:46:33

9.35 11AC20_48 ANT 2



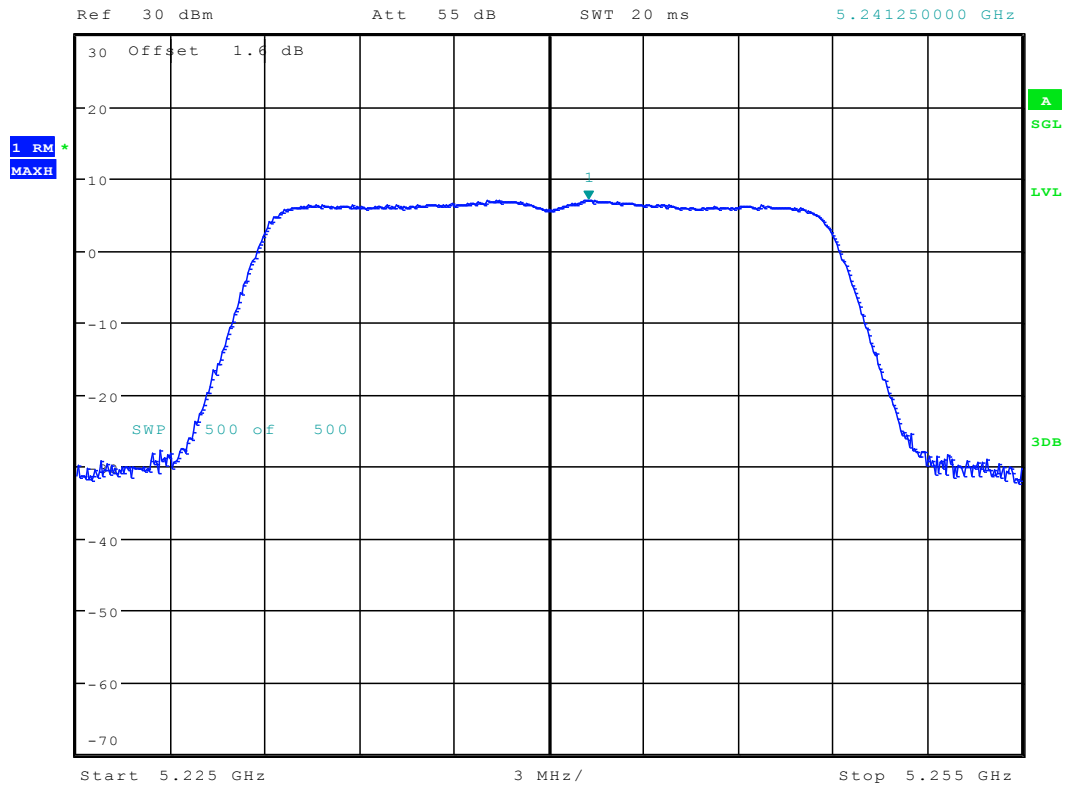
Date: 9.FEB.2017 16:02:28



9.36 11AC20_48 ANT 3



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 7.10 dBm
SWT 20 ms 5.241250000 GHz



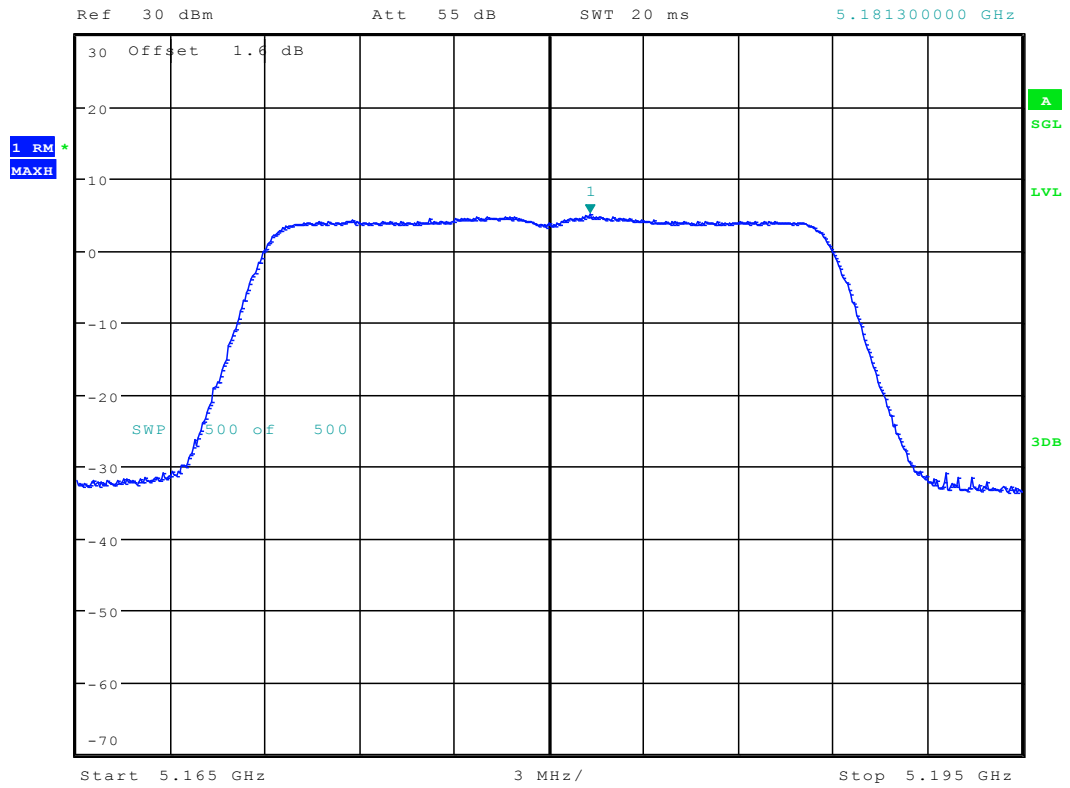
Date: 9.FEB.2017 19:36:46



9.37 11AC20MIMO_36 ANT 1



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 5.06 dBm
SWT 20 ms 5.181300000 GHz

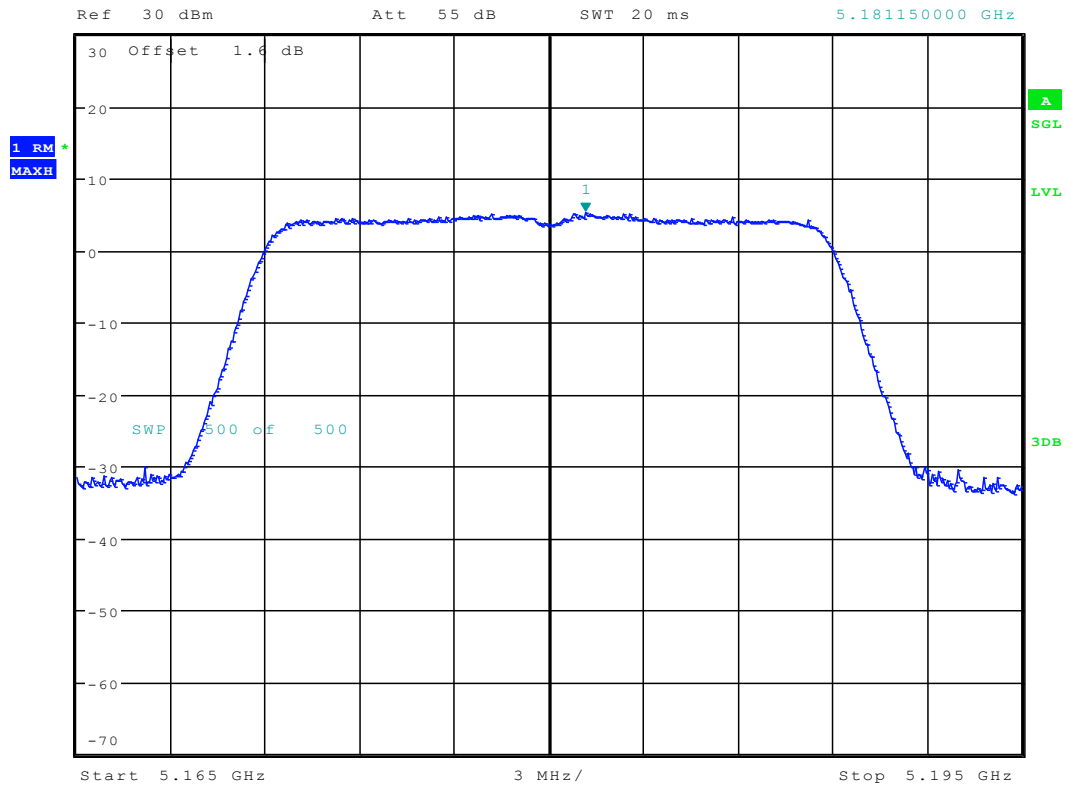


Date: 13.FEB.2017 09:48:31

9.38 11AC20MIMO_36 ANT 2



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 5.28 dBm
SWT 20 ms 5.181150000 GHz



Date: 11.FEB.2017 17:47:42

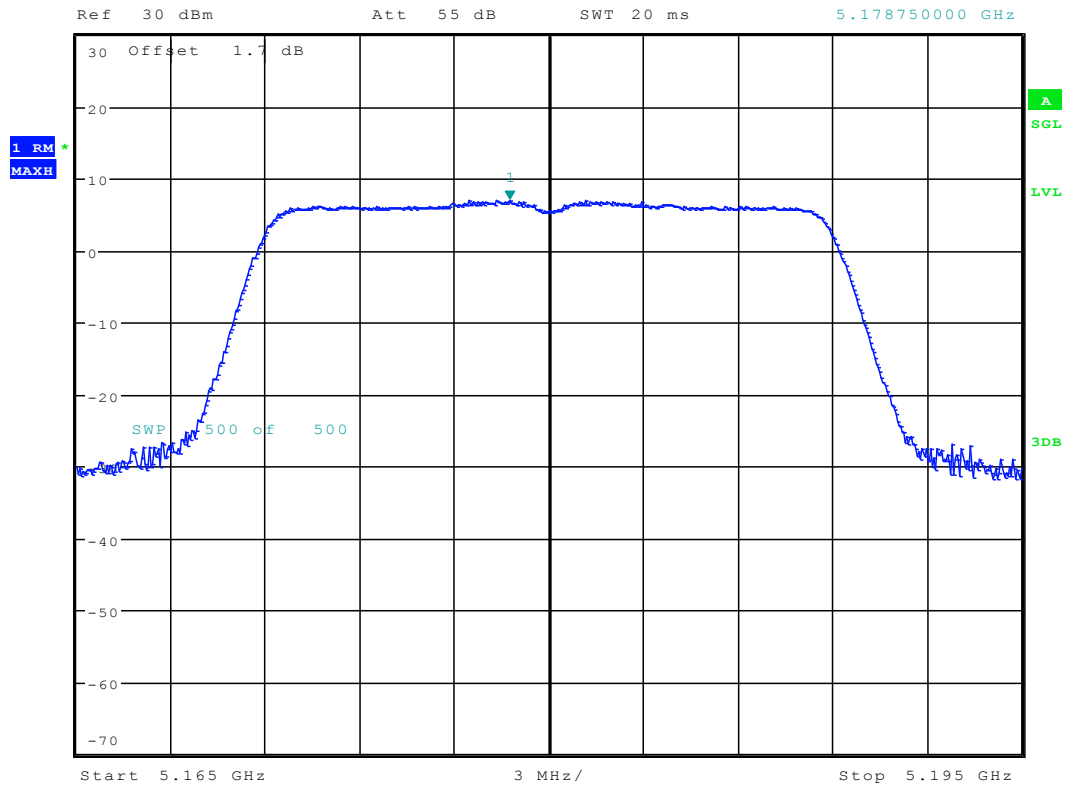


9.39 11AC20MIMO_36 ANT 3



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
7.09 dBm
5.178750000 GHz



Date: 14.FEB.2017 15:23:01

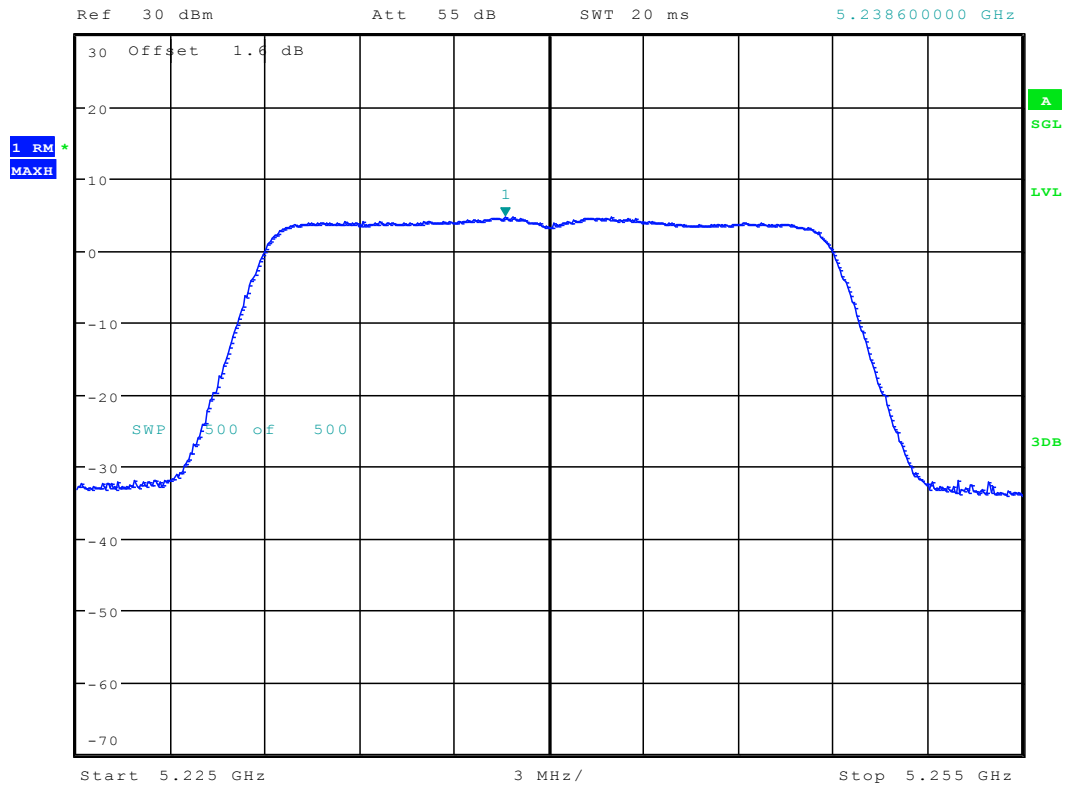


9.40 11AC20MIMO_48 ANT 1



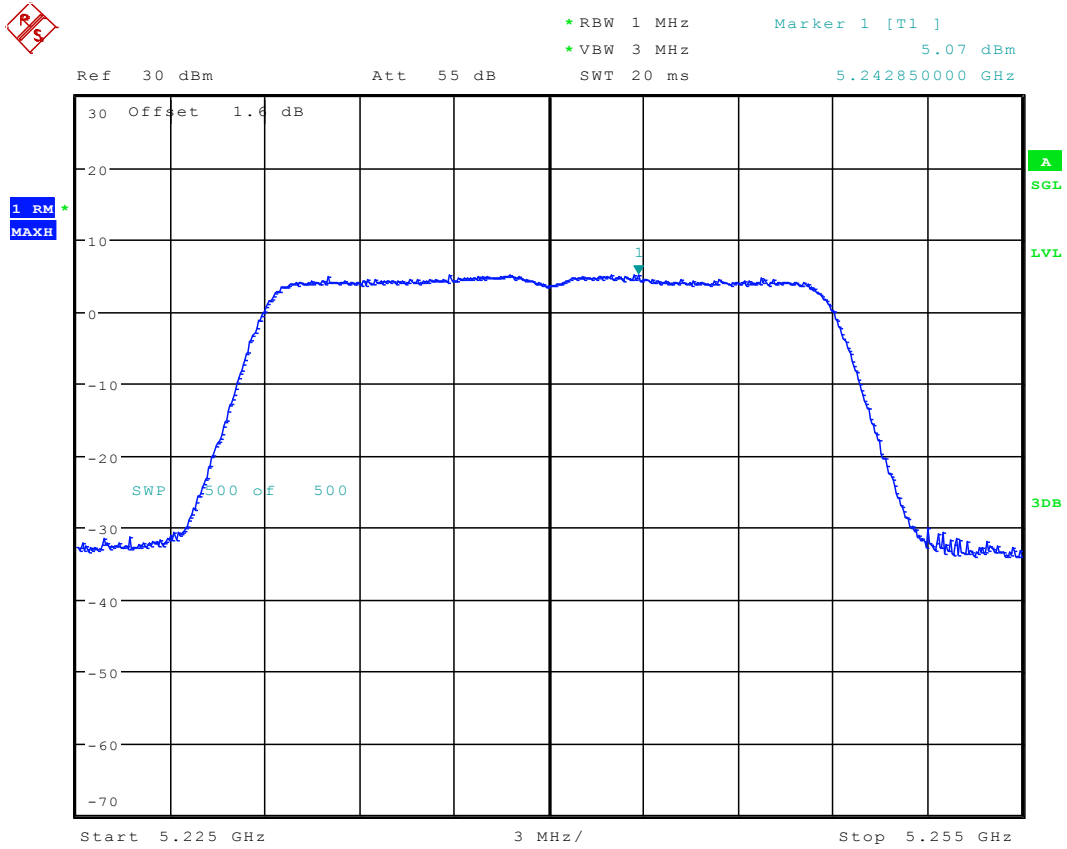
*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
4.68 dBm
5.238600000 GHz



Date: 13.FEB.2017 09:53:52

9.41 11AC20MIMO_48 ANT 2

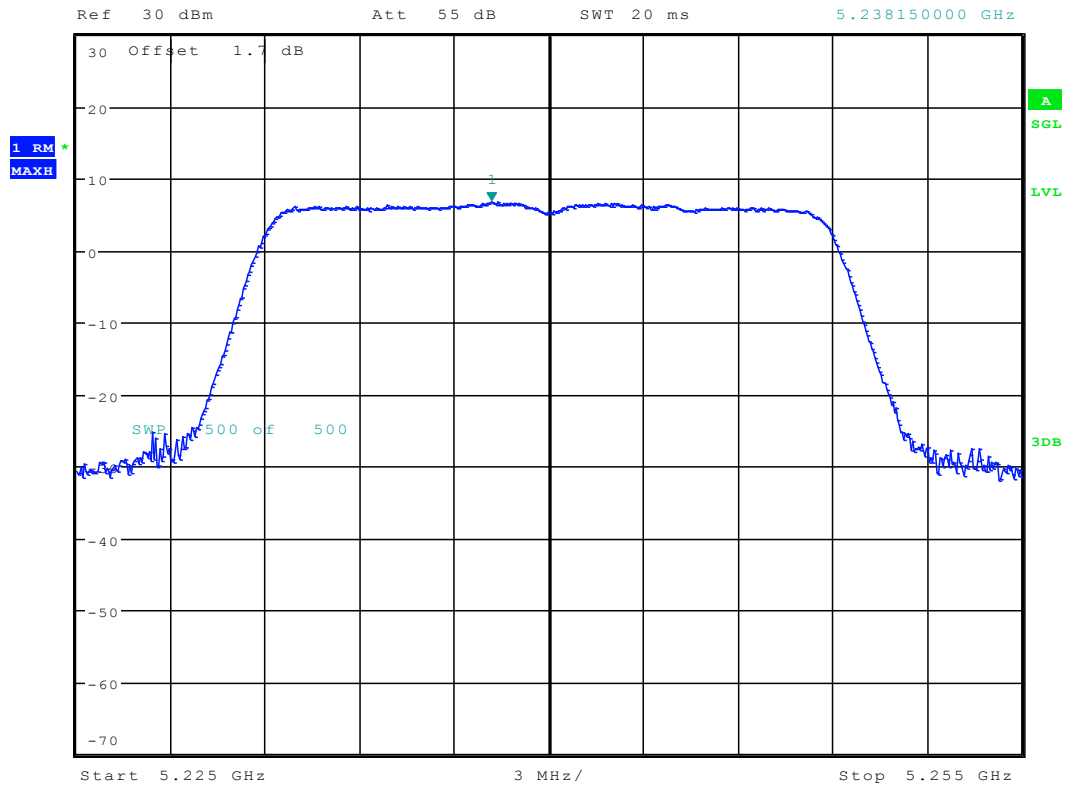


Date: 11.FEB.2017 17:52:51

9.42 11AC20MIMO_48 ANT 3



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 6.75 dBm
SWT 20 ms 5.238150000 GHz



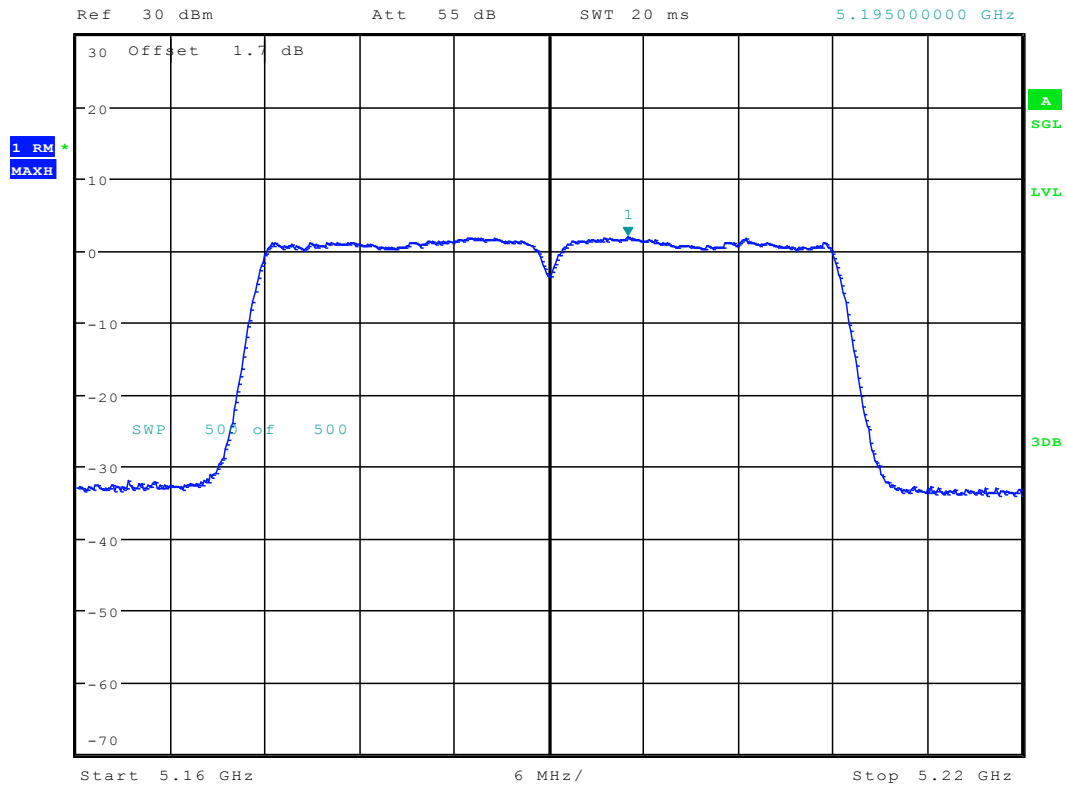
Date: 14.FEB.2017 15:28:22



9.43 11AC40_38 ANT 1

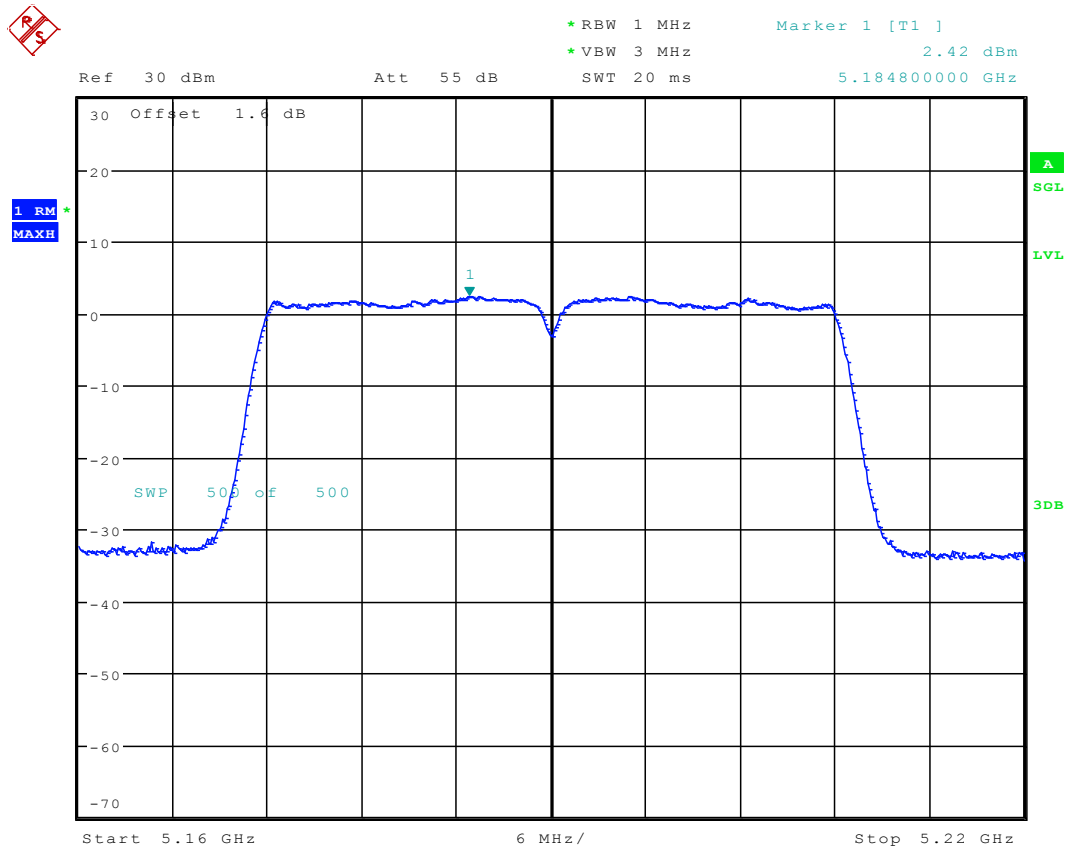


*RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz 1.89 dBm
 SWT 20 ms 5.195000000 GHz



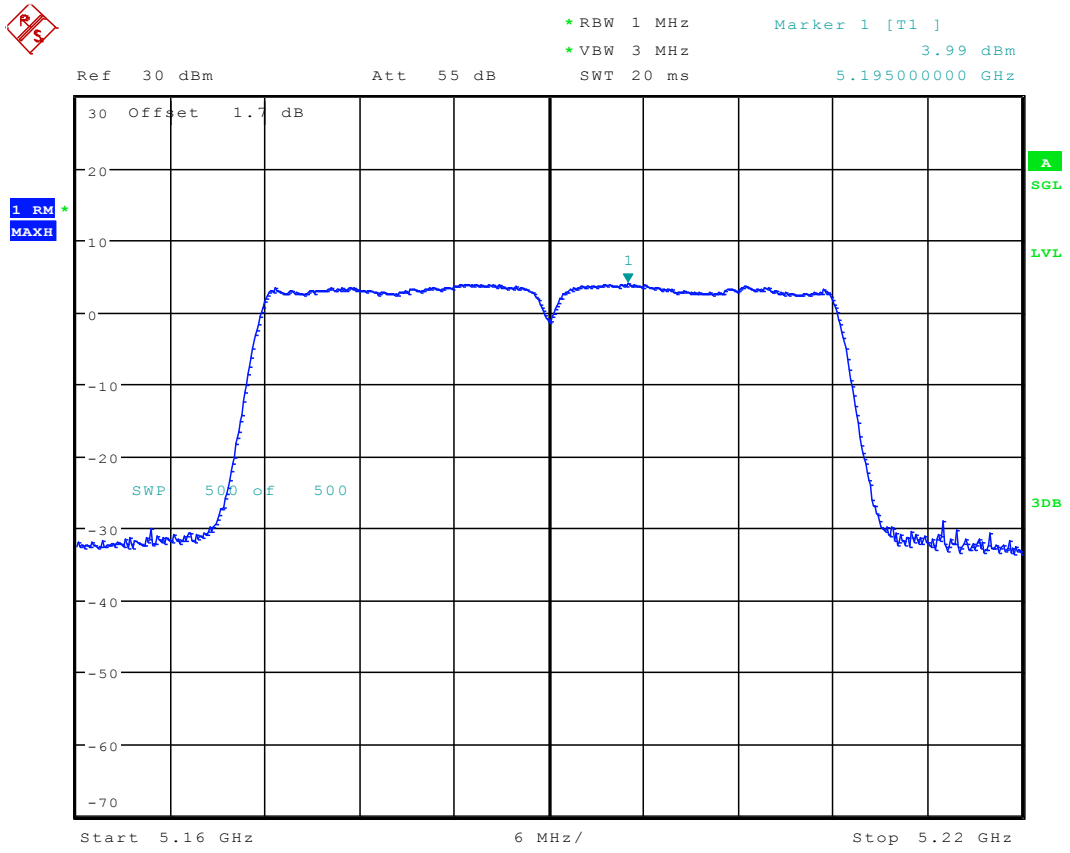
Date: 9.FEB.2017 12:15:46

9.44 11AC40_38 ANT 2



Date: 9.FEB.2017 16:31:33

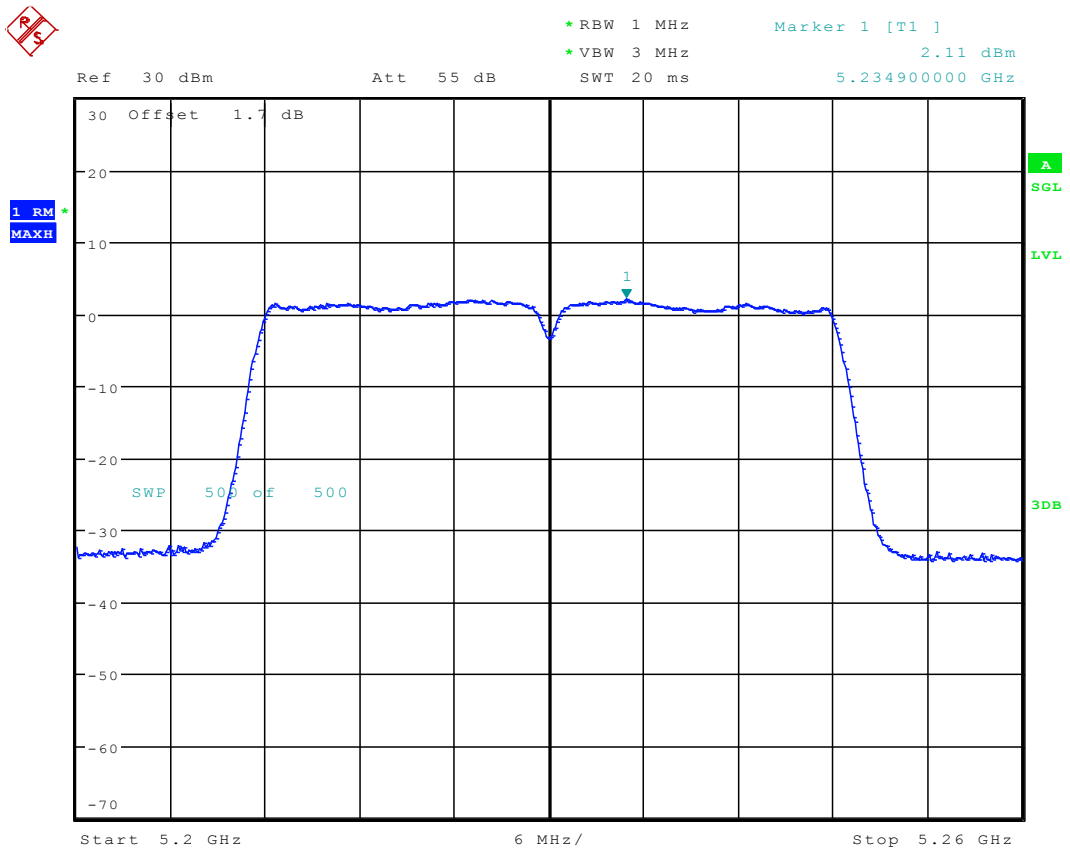
9.45 11AC40_38 ANT 3



Date: 9.FEB.2017 20:05:03



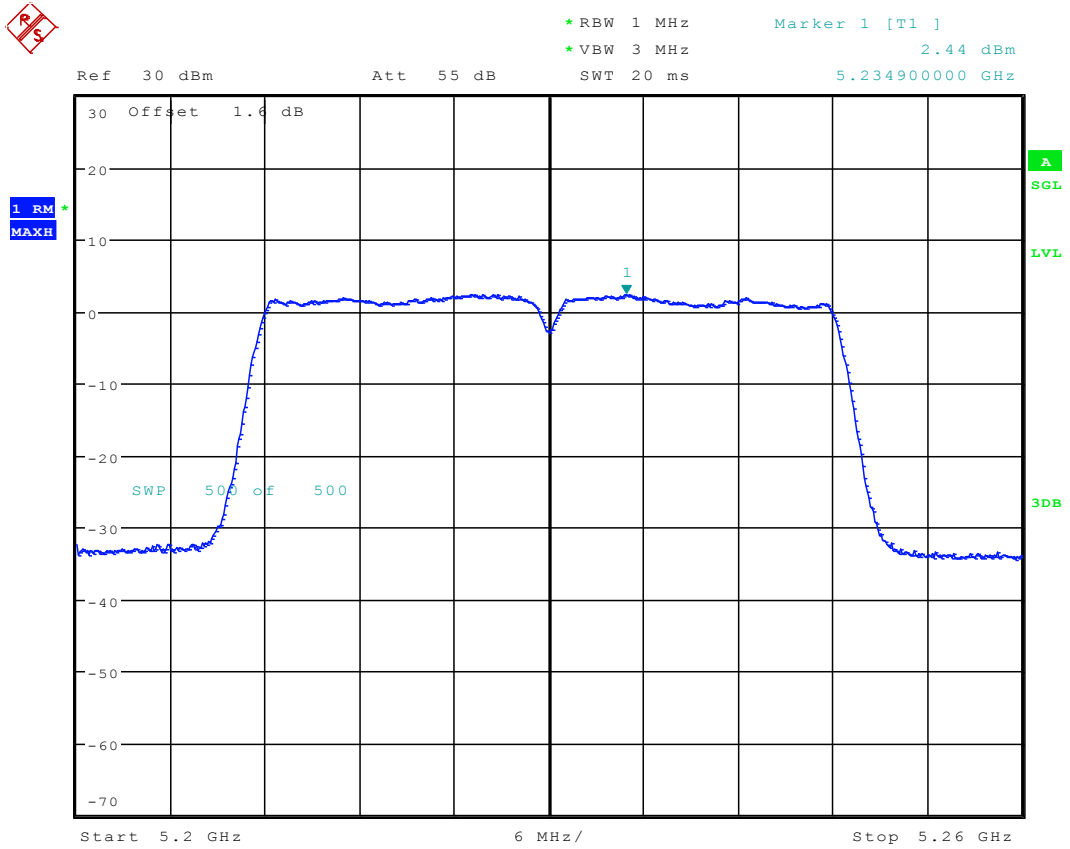
9.46 11AC40_46 ANT 1



Date: 9.FEB.2017 12:21:02

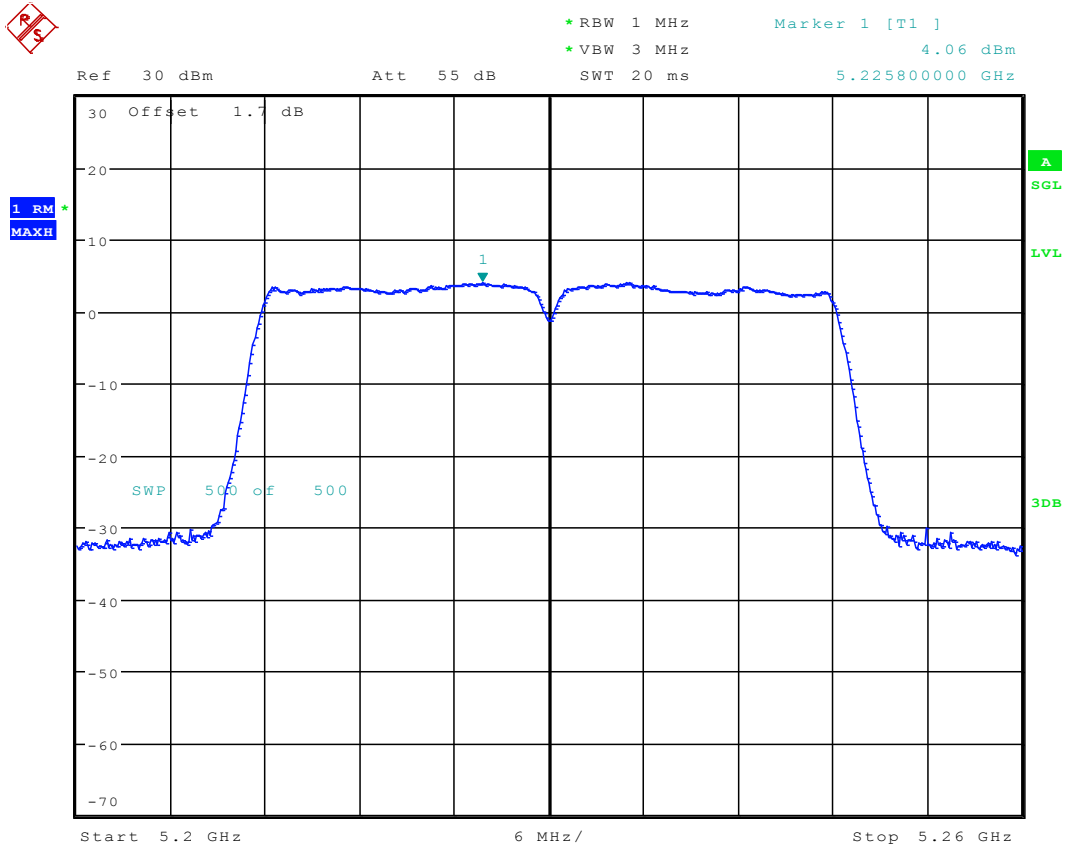


9.47 11AC40_46 ANT 2



Date: 9.FEB.2017 16:36:58

9.48 11AC40_46 ANT 3



Date: 9.FEB.2017 20:14:05

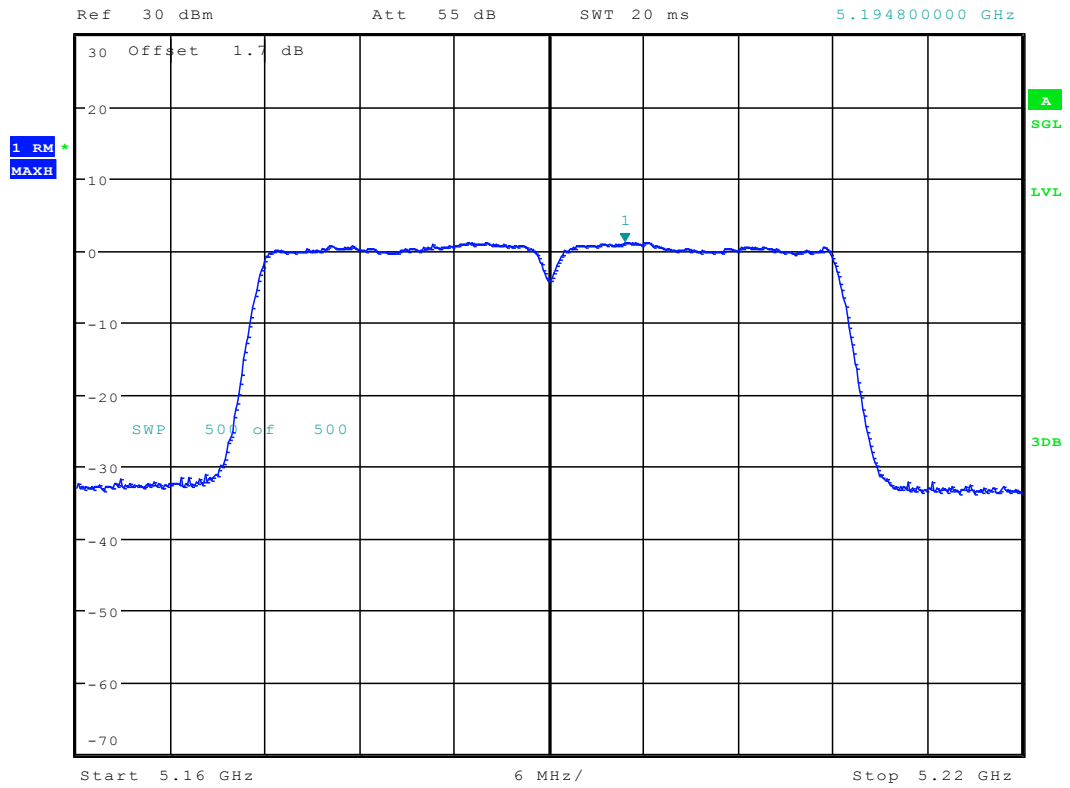


9.49 11AC40MIMO_38 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
1.17 dBm
5.194800000 GHz



Date: 13.FEB.2017 10:04:08

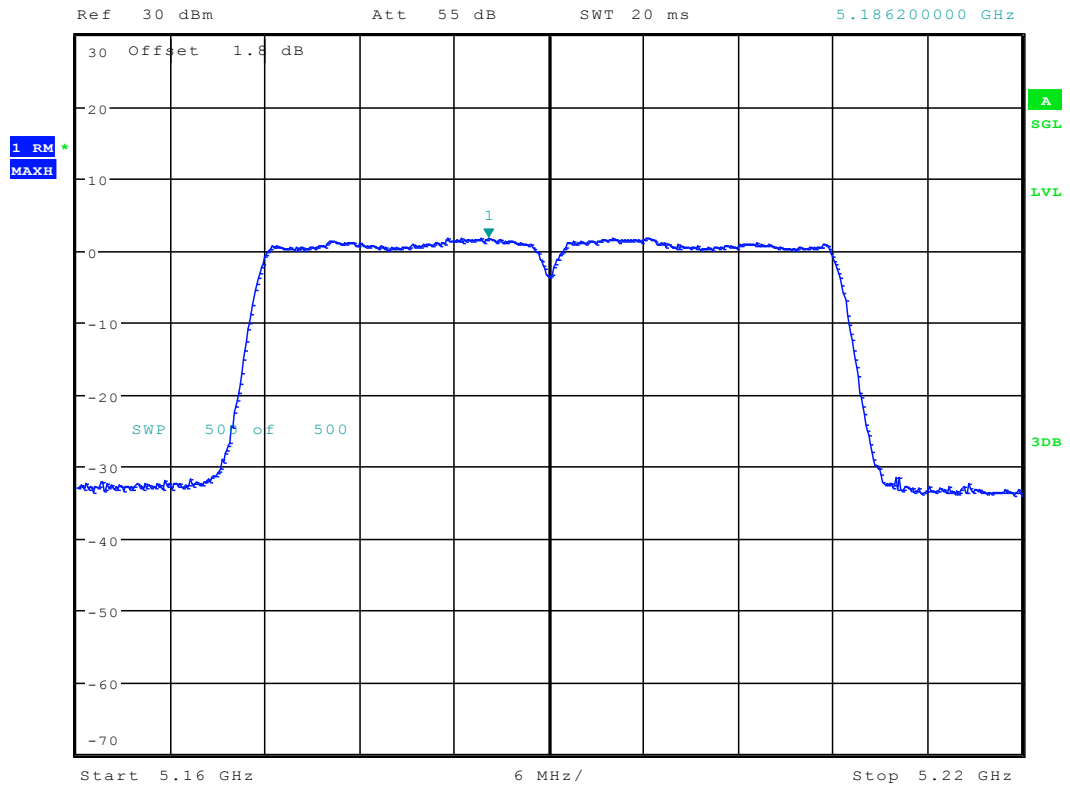


9.50 11AC40MIMO_38 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
1.73 dBm
5.186200000 GHz



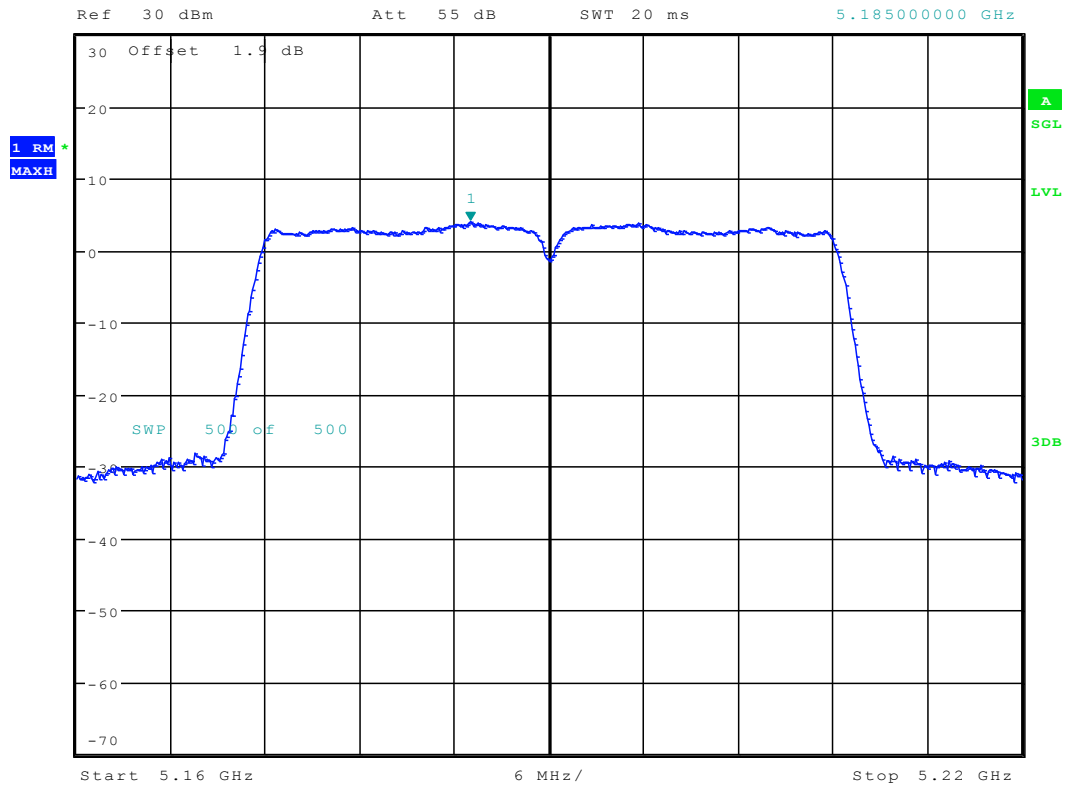
Date: 11.FEB.2017 18:00:03



9.51 11AC40MIMO_38 ANT 3



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 3.96 dBm
SWT 20 ms 5.185000000 GHz



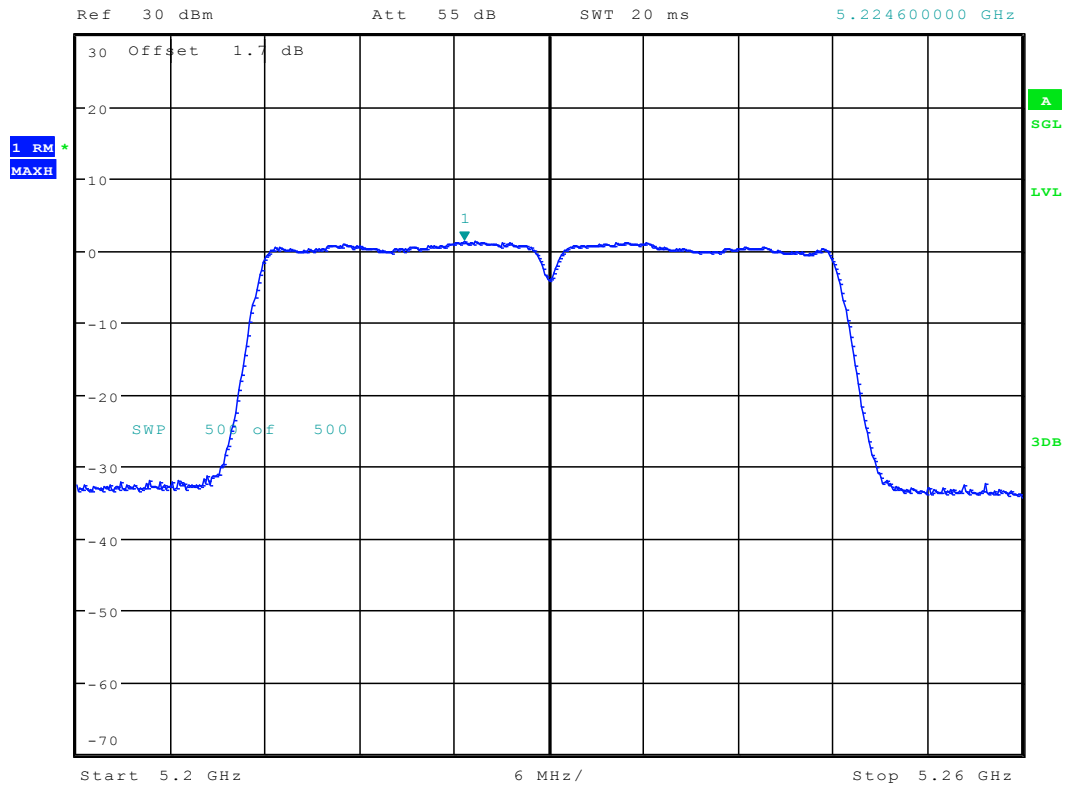
Date: 14.FEB.2017 15:44:49



9.52 11AC40MIMO_46 ANT 1



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 1.33 dBm
SWT 20 ms 5.224600000 GHz



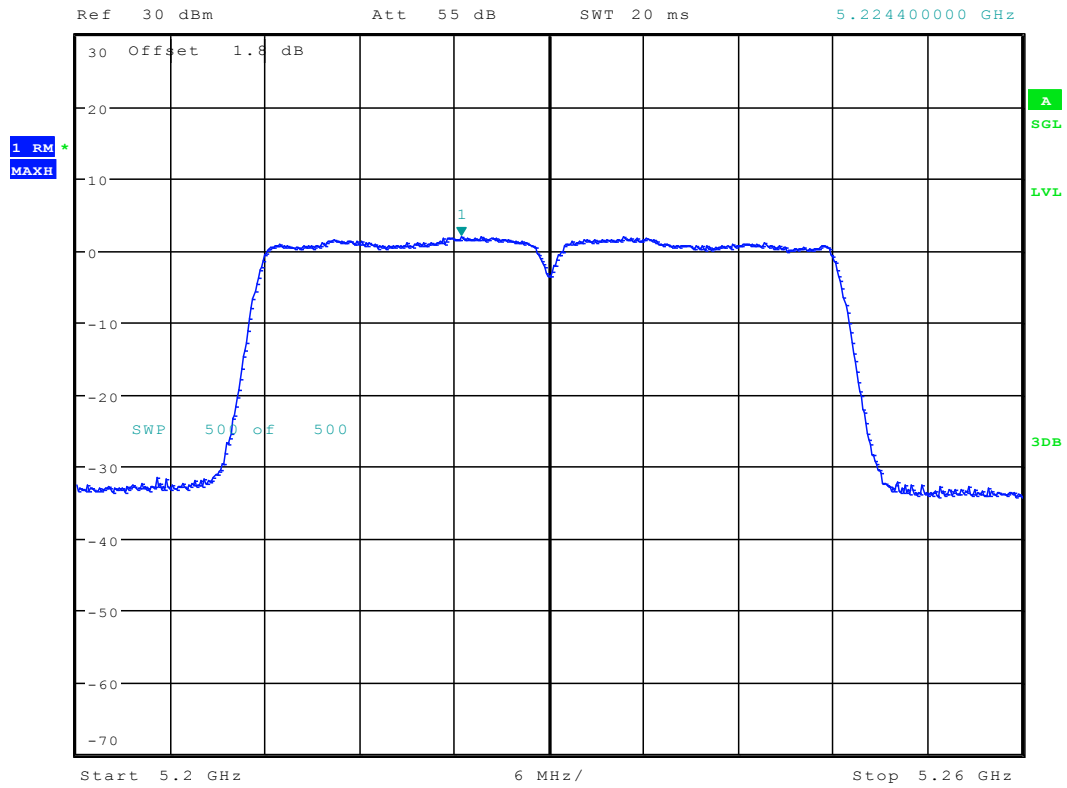
Date: 13.FEB.2017 10:10:21



9.53 11AC40MIMO_46 ANT 2



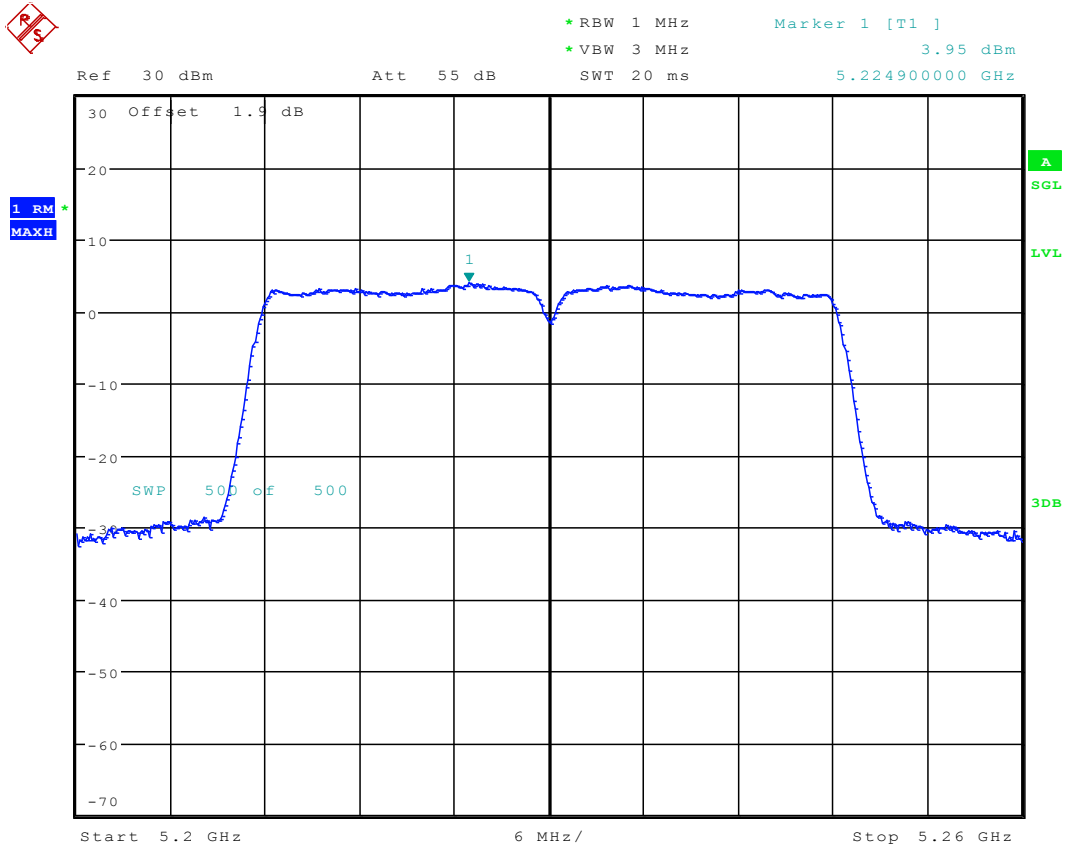
*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 1.96 dBm
SWT 20 ms 5.224400000 GHz



Date: 11.FEB.2017 18:05:19



9.54 11AC40MIMO_46 ANT 3



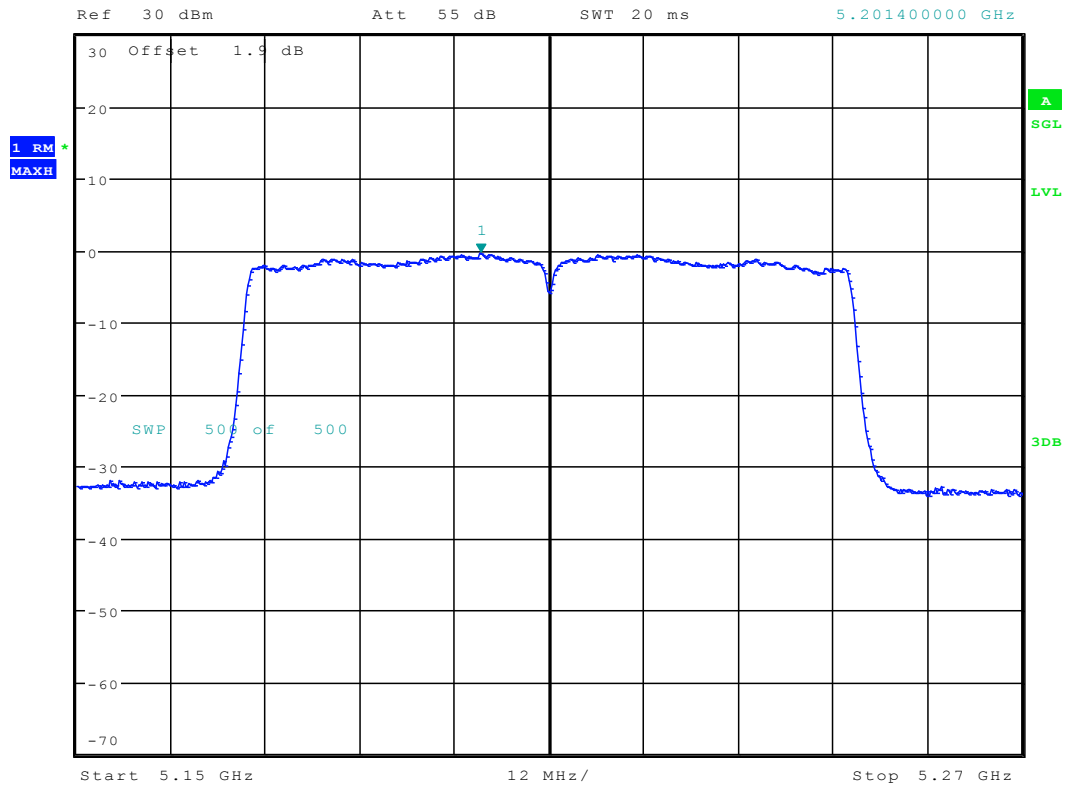
Date: 14.FEB.2017 15:53:22



9.55 11AC80_42 ANT 1



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz -0.36 dBm
SWT 20 ms 5.201400000 GHz



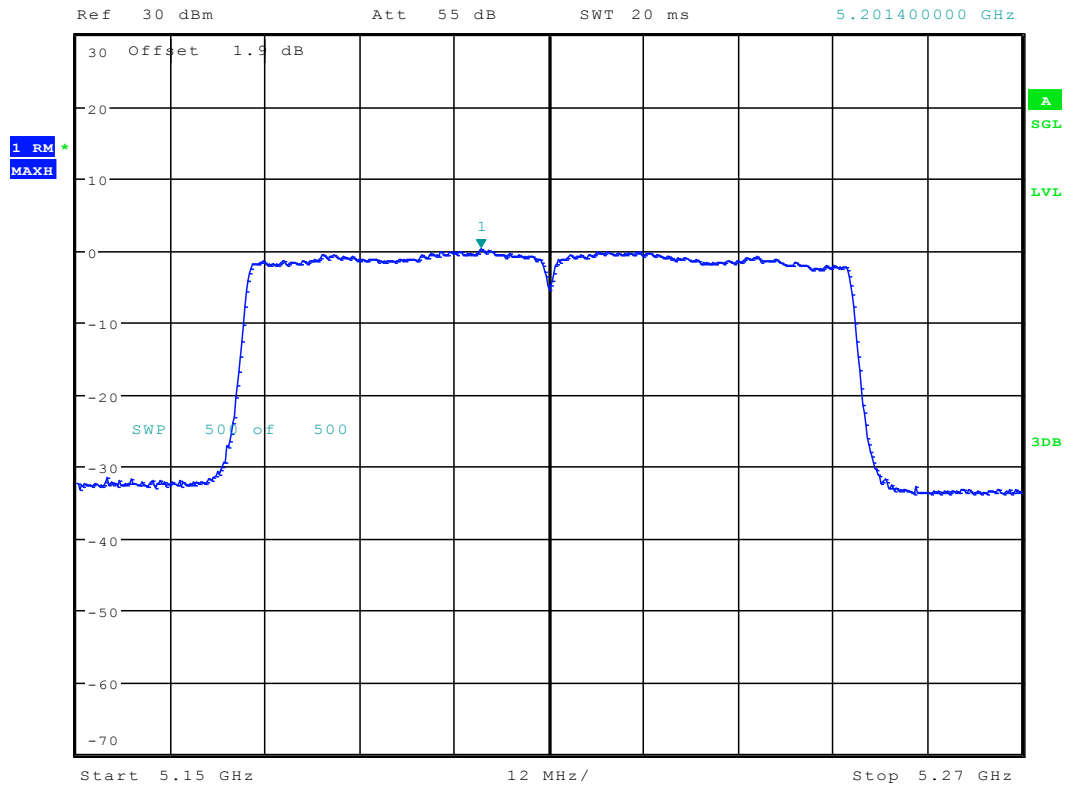
Date: 9.FEB.2017 12:58:24



9.56 11AC80_42 ANT 2



*RBW 1 MHz Marker 1 [T1]
*VBW 3 MHz 0.20 dBm
SWT 20 ms 5.201400000 GHz



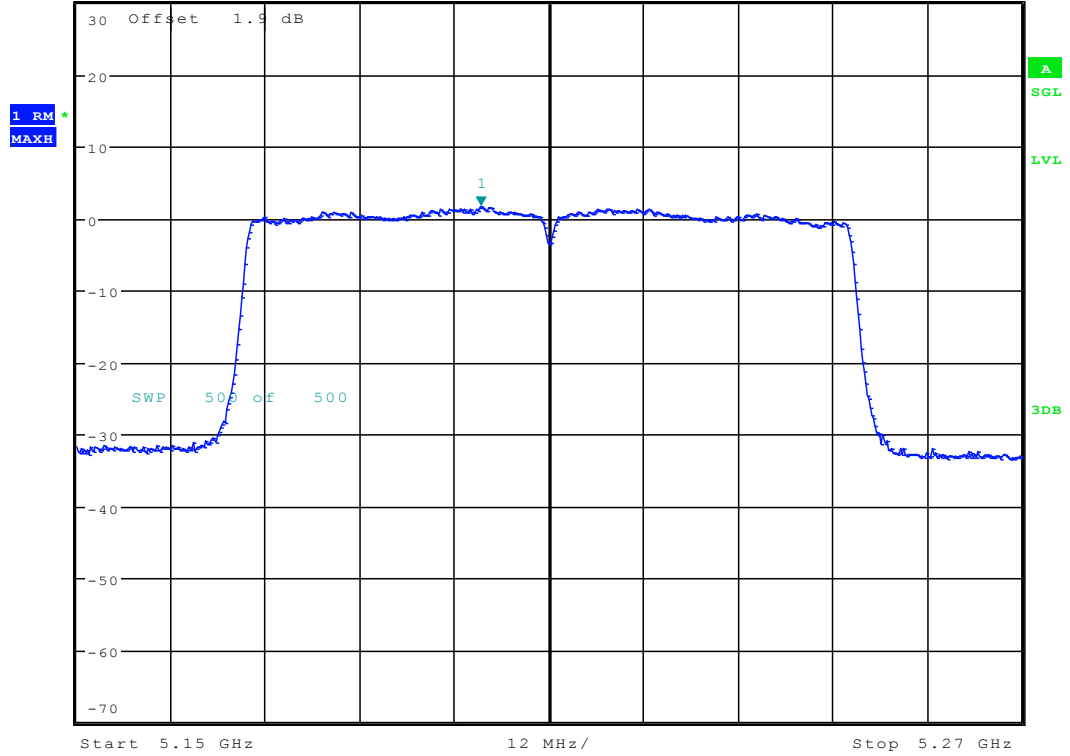
Date: 9.FEB.2017 16:45:59



9.57 11AC80_42 ANT 3



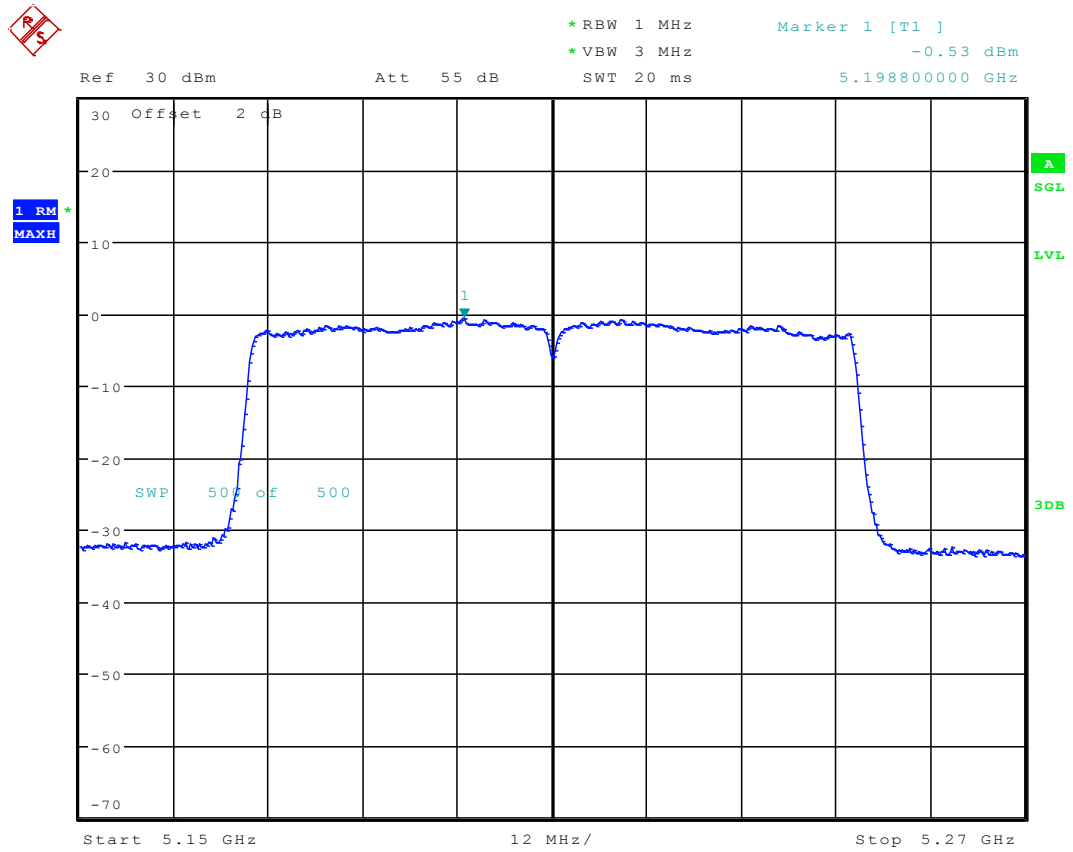
*RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz 1.66 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.201400000 GHz



Date: 9.FEB.2017 20:31:50



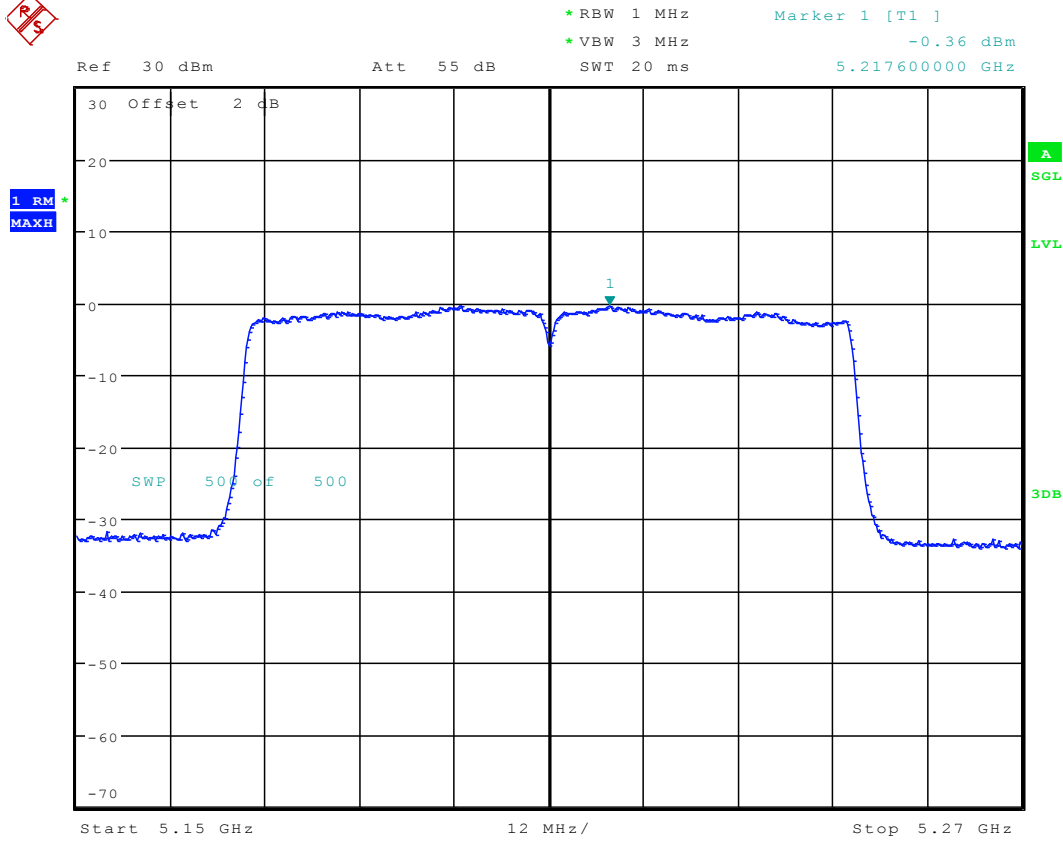
9.58 11AC80 MIMO _42 ANT 1



Date: 13.FEB.2017 10:28:15



9.59 11AC80 MIMO _42 ANT 2



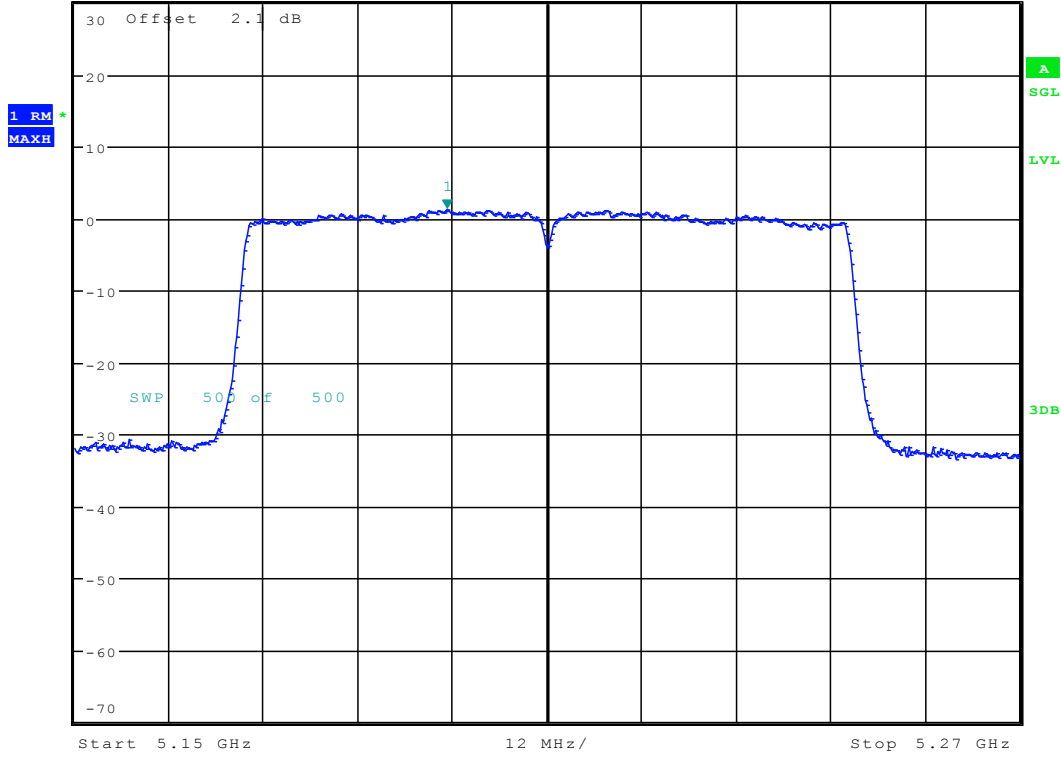
Date: 11.FEB.2017 18:14:16



9.60 11AC80 MIMO _42 ANT3



Ref 30 dBm Att 55 dB SWT 20 ms Marker 1 [T1] 5.197400000 GHz
* RBW 1 MHz 1.30 dBm
* VBW 3 MHz



Date: 14.FEB.2017 16:03:36



Appendix F: Unwanted Emissions into Non-Restricted Frequency Bands

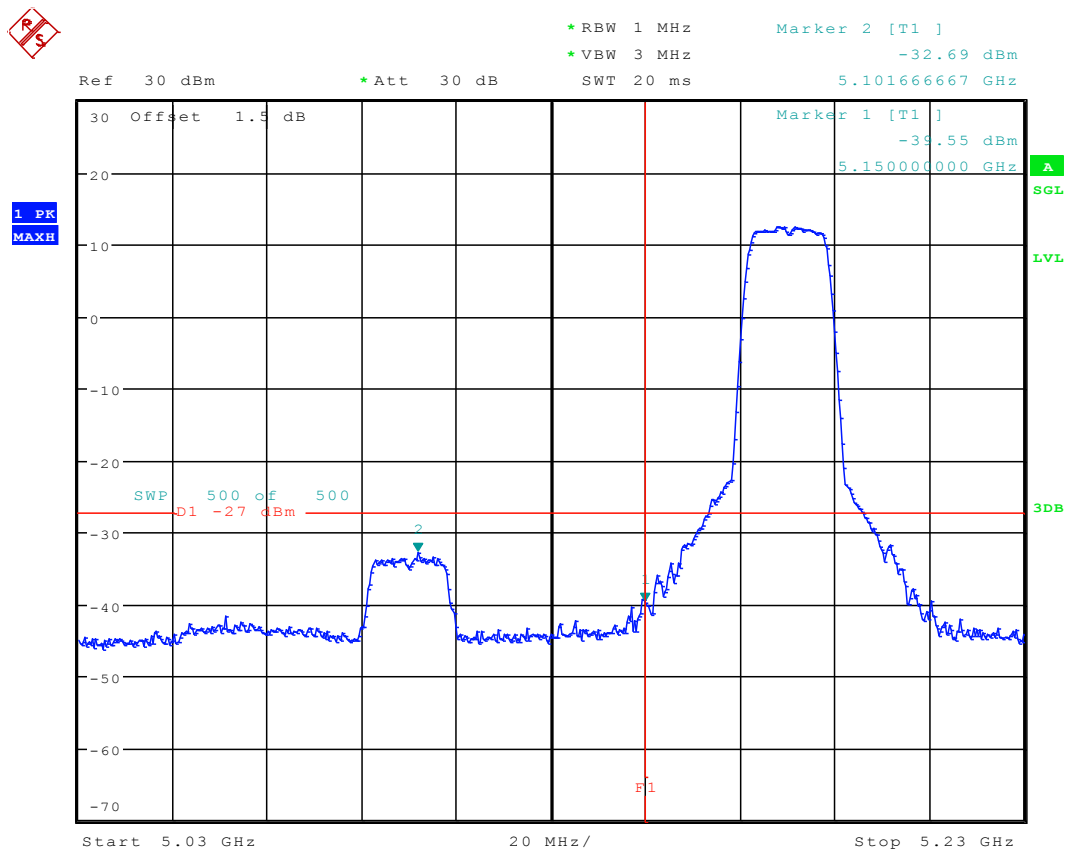


10 Result Table

FCC Part15, Subpart E		
Test Item	Frequency Range	Result
Unwanted Emissions into Non-Restricted Frequency Bands	5150-5250	PASS

11 Test Plot

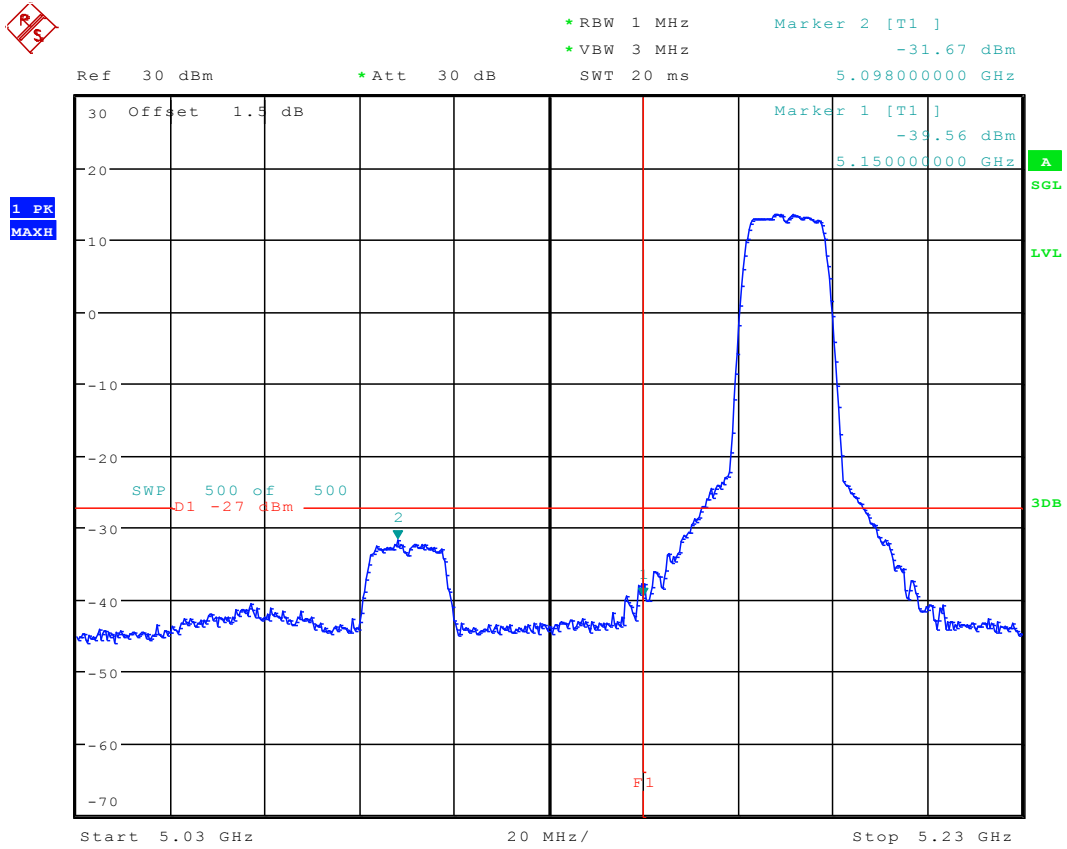
11.1 11A20_36 ANT 1



Date: 8.FEB.2017 16:58:50



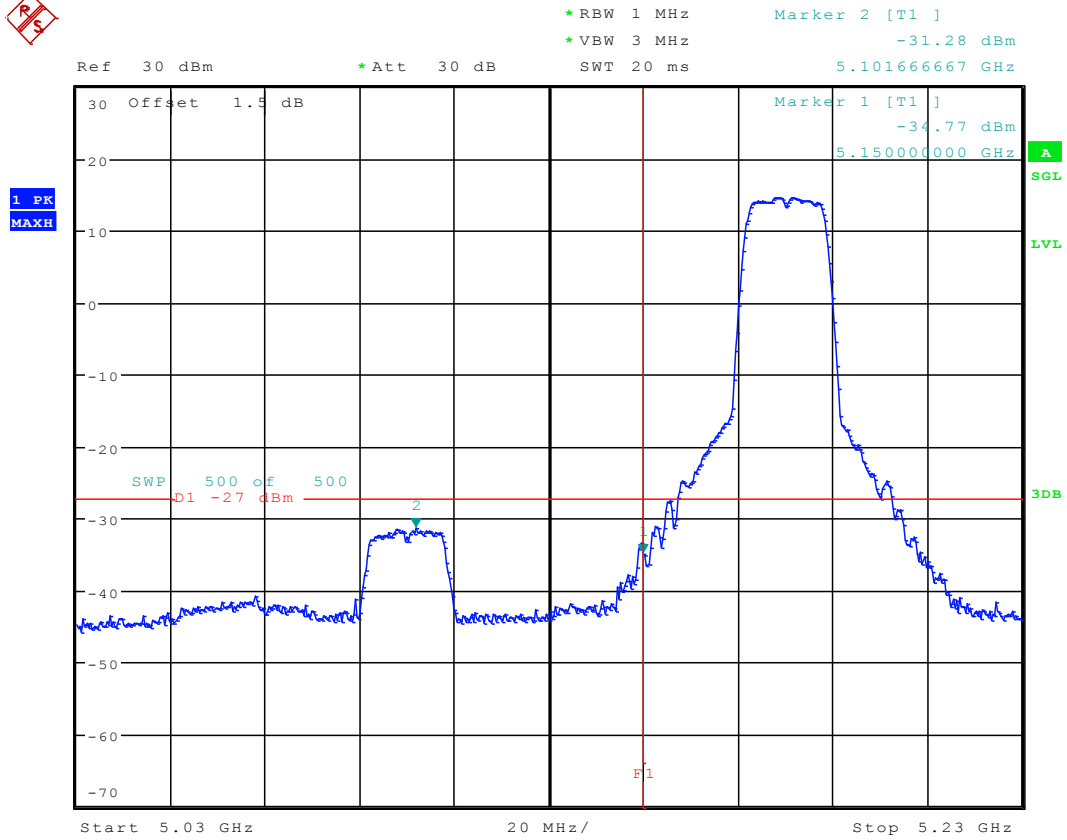
11.2 11A20_36 ANT 2



Date: 9.FEB.2017 14:54:58

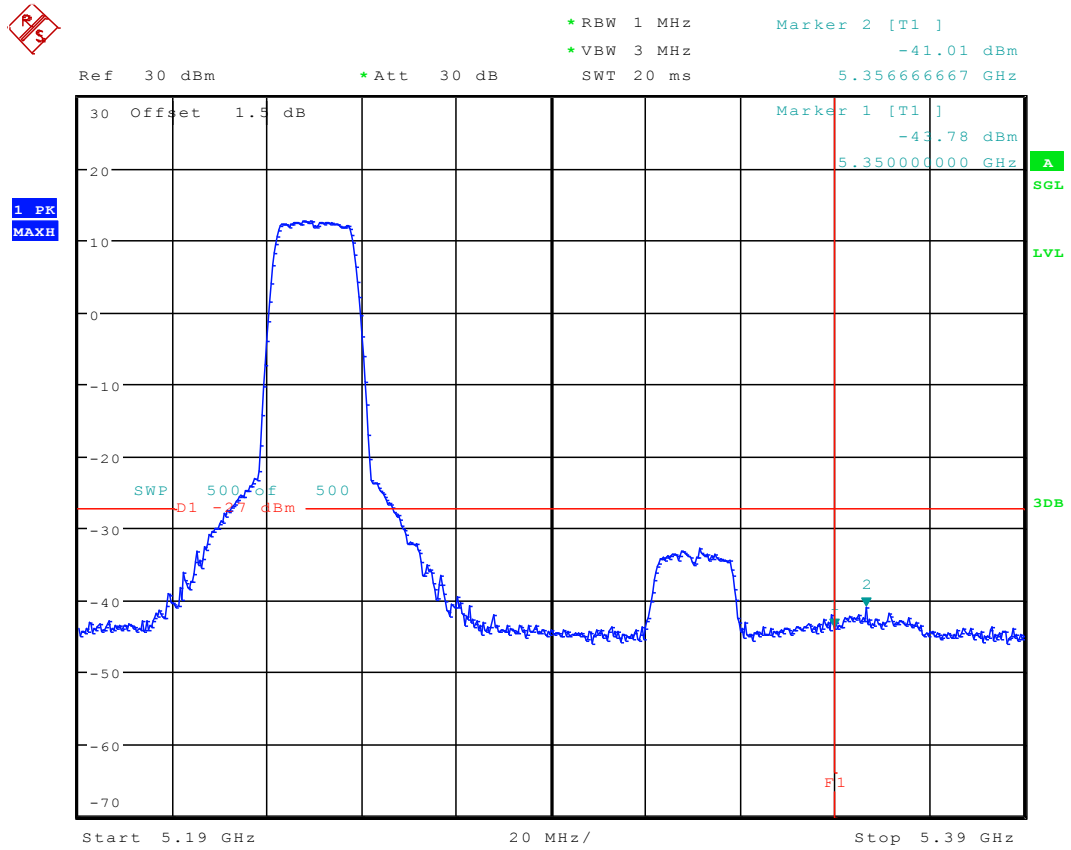


11.3 11A20_36 ANT 3



Date: 9.FEB.2017 18:21:53

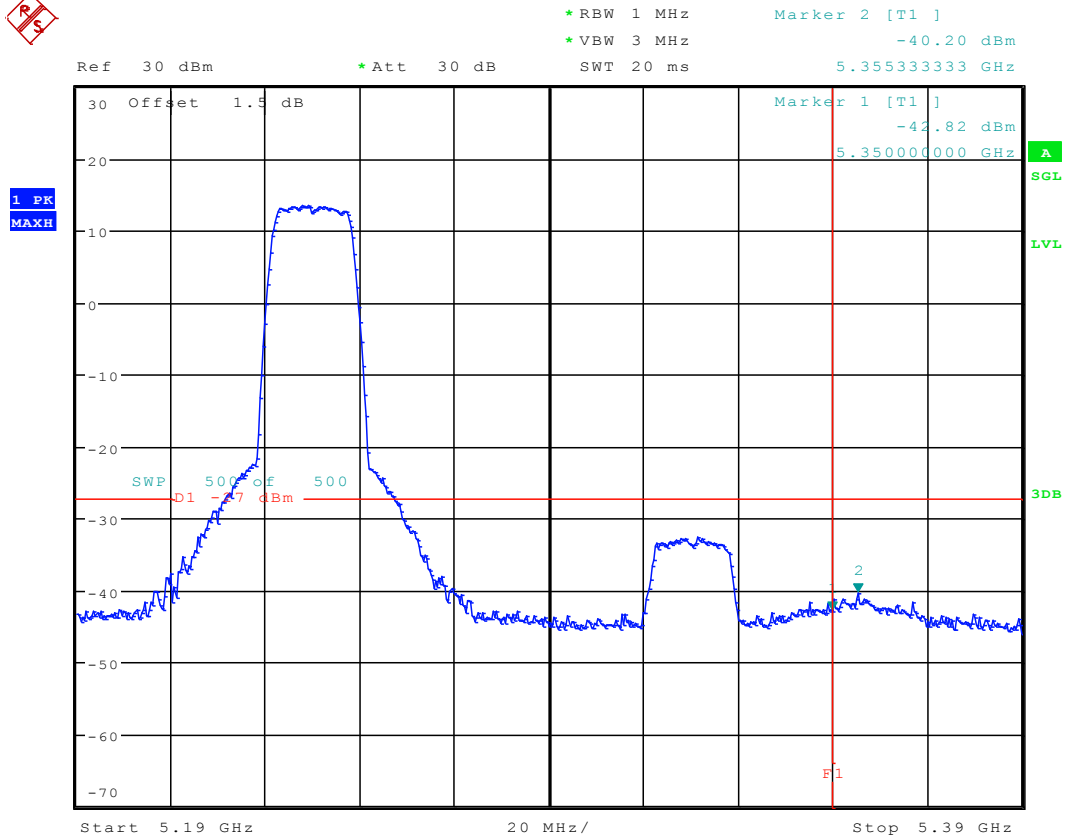
11.4 11A20_48 ANT 1



Date: 8.FEB.2017 17:13:29

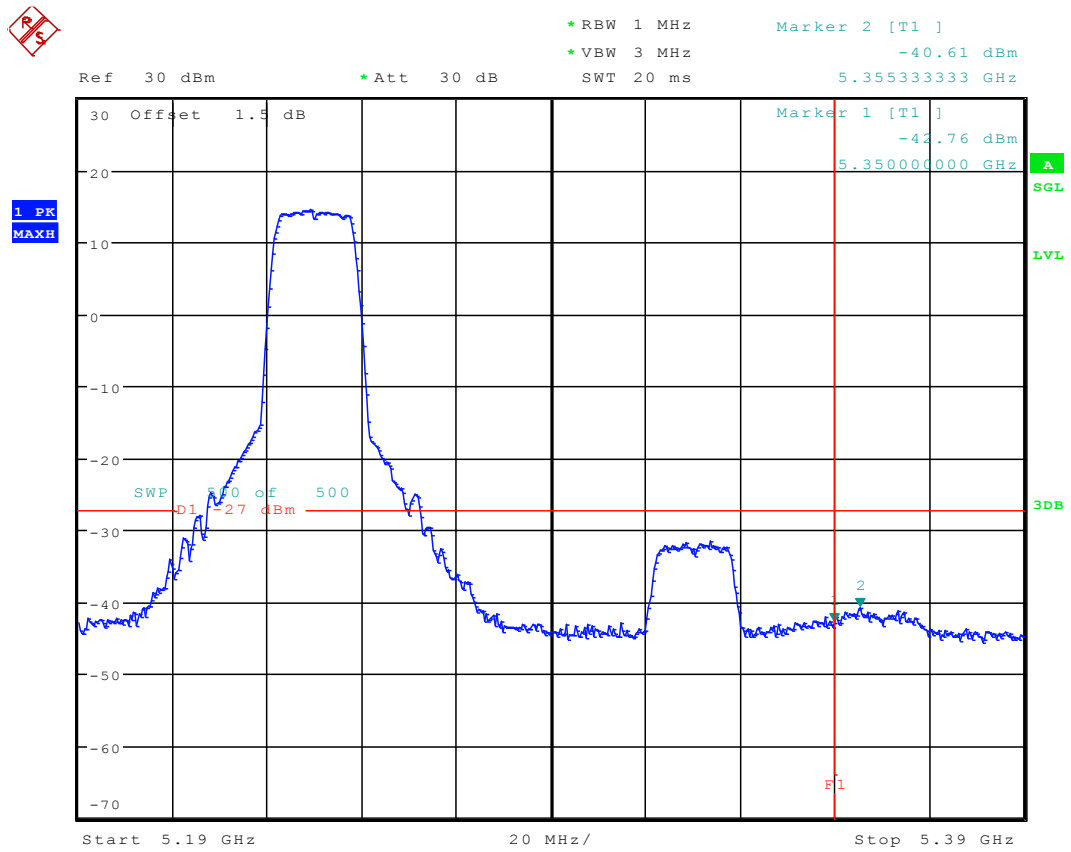


11.5 11A20_48 ANT 2



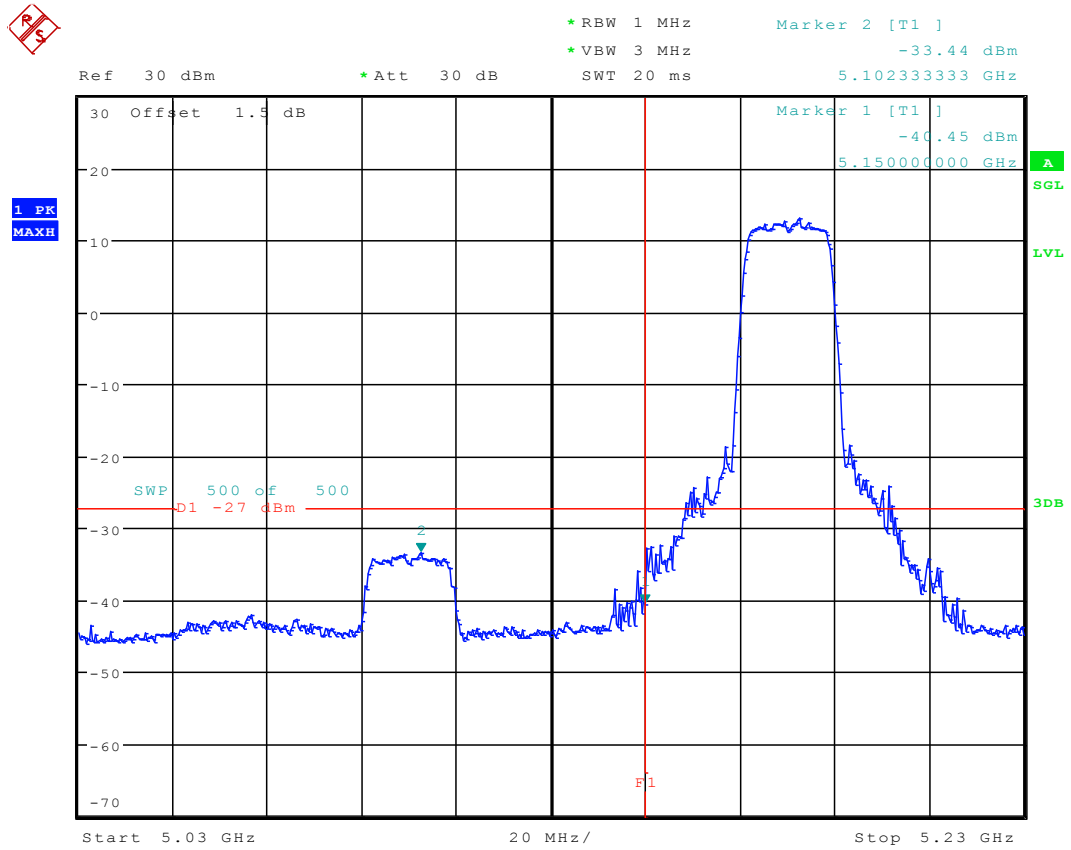
Date: 9.FEB.2017 15:26:25

11.6 11A20_48 ANT 3



Date: 9.FEB.2017 18:27:19

11.7 11N20_36 ANT 1



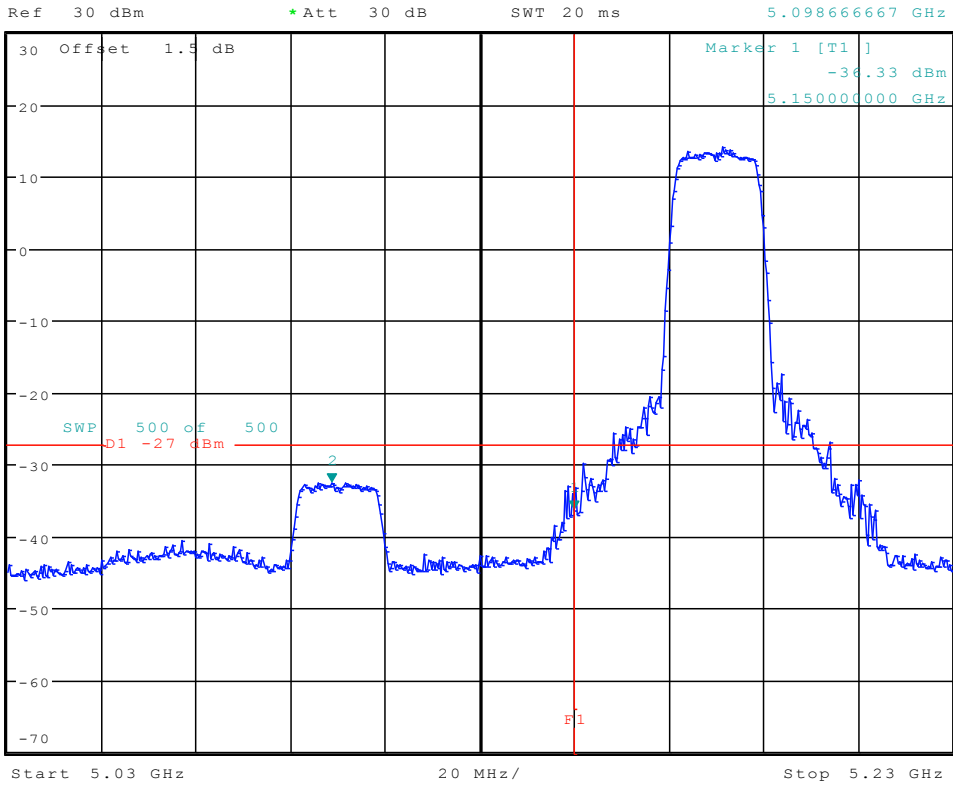
Date: 8.FEB.2017 18:27:43



11.8 11N20_36 ANT 2



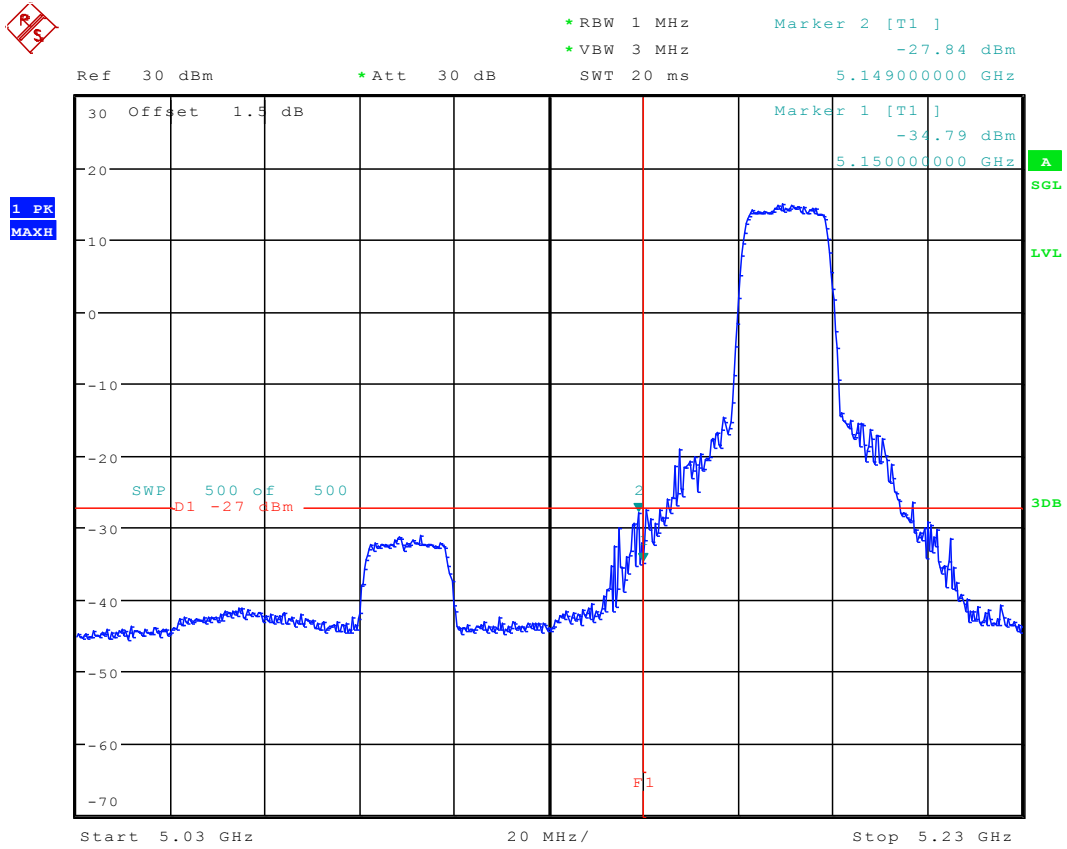
*RBW 1 MHz Marker 2 [T1]
 *VBW 3 MHz -32.40 dBm
 SWT 20 ms 5.098666667 GHz



Date: 9.FEB.2017 15:39:27



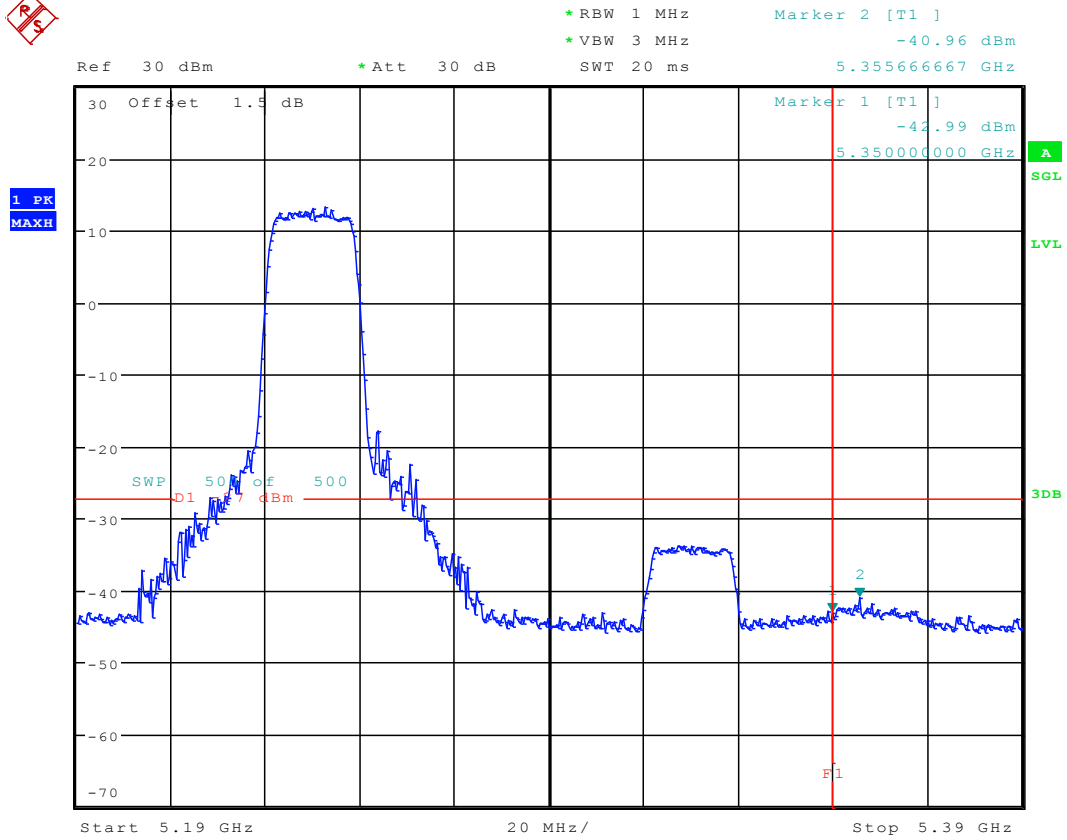
11.9 11N20_36 ANT 3



Date: 9.FEB.2017 18:36:15



11.10 11N20_48 ANT 1



Date: 8.FEB.2017 18:33:56

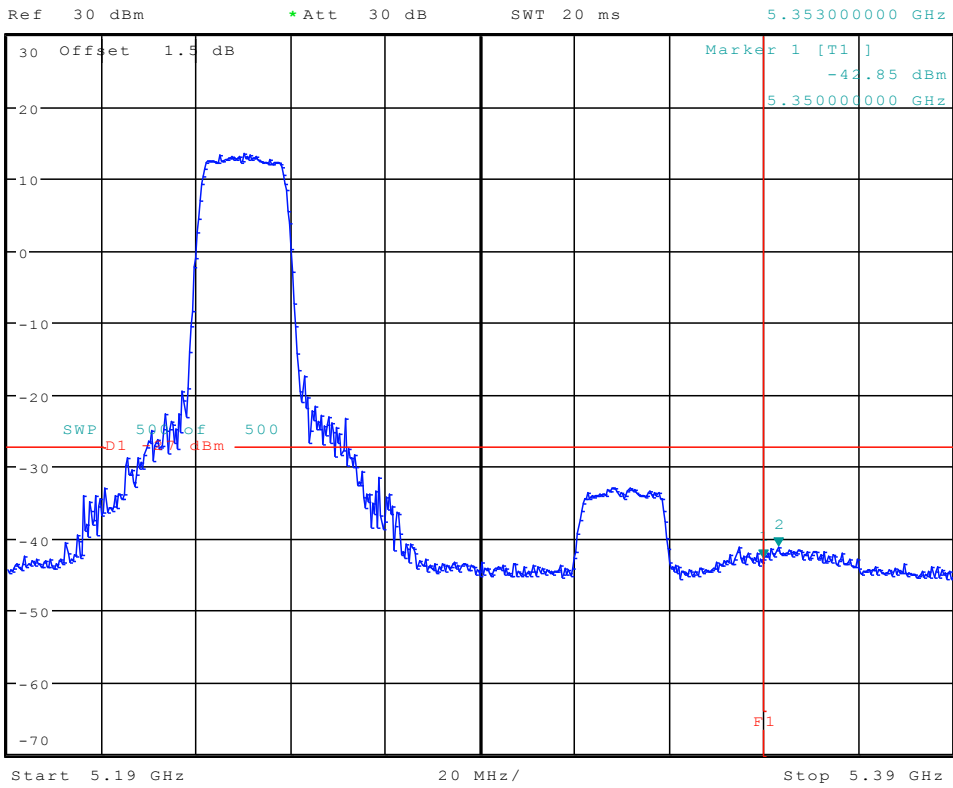


11.11 11N20_48 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

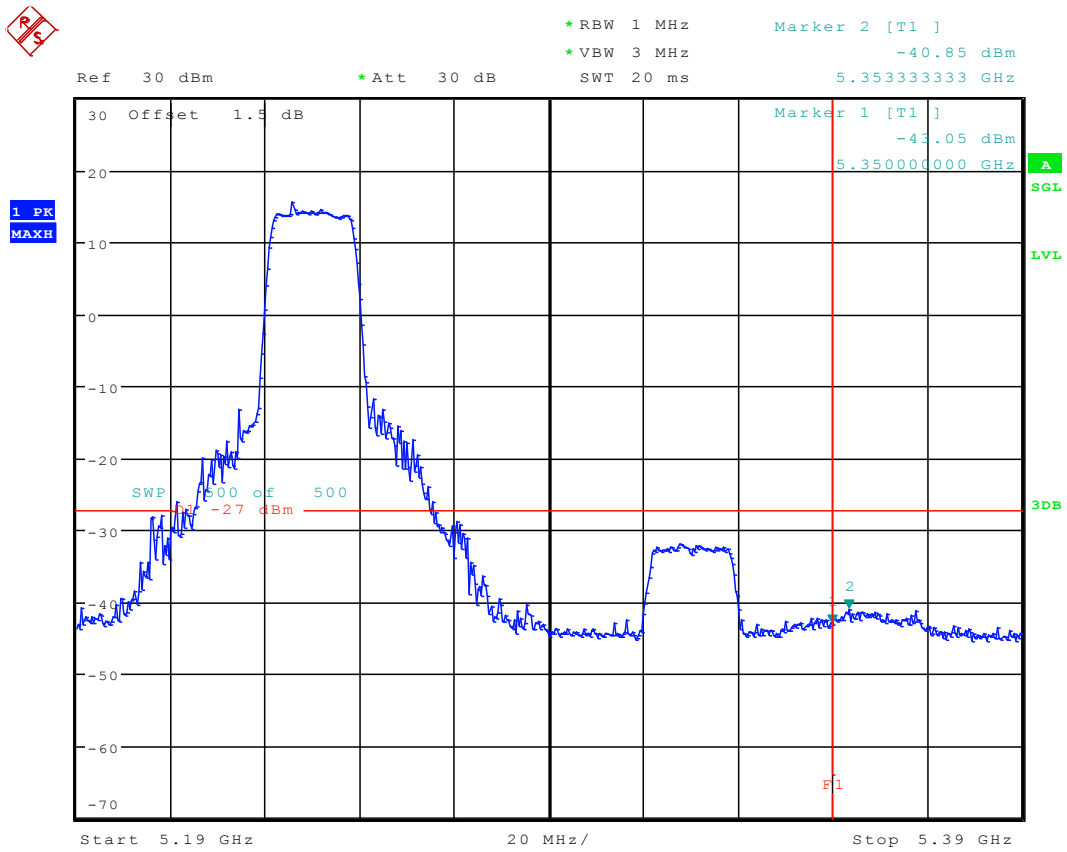
Marker 2 [T1]
-41.11 dBm
5.353000000 GHz



Date: 9.FEB.2017 15:50:16



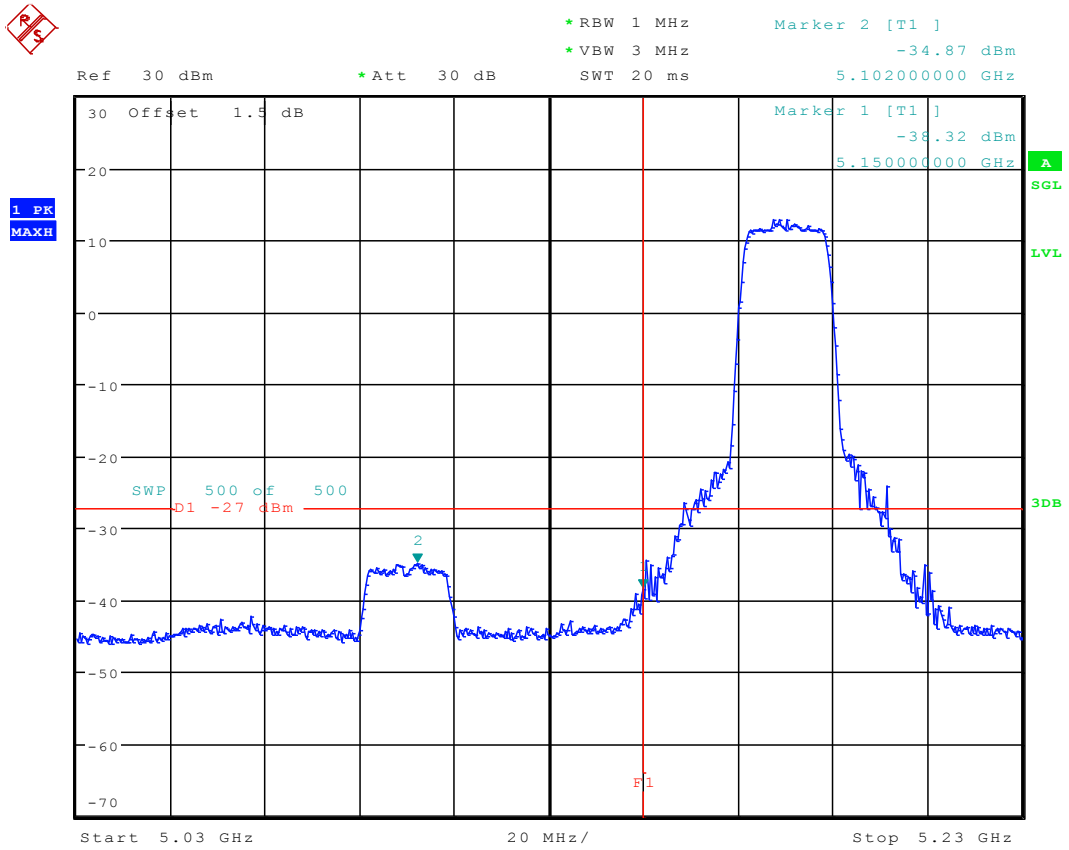
11.12 11N20_48 ANT 3



Date: 9.FEB.2017 18:45:50



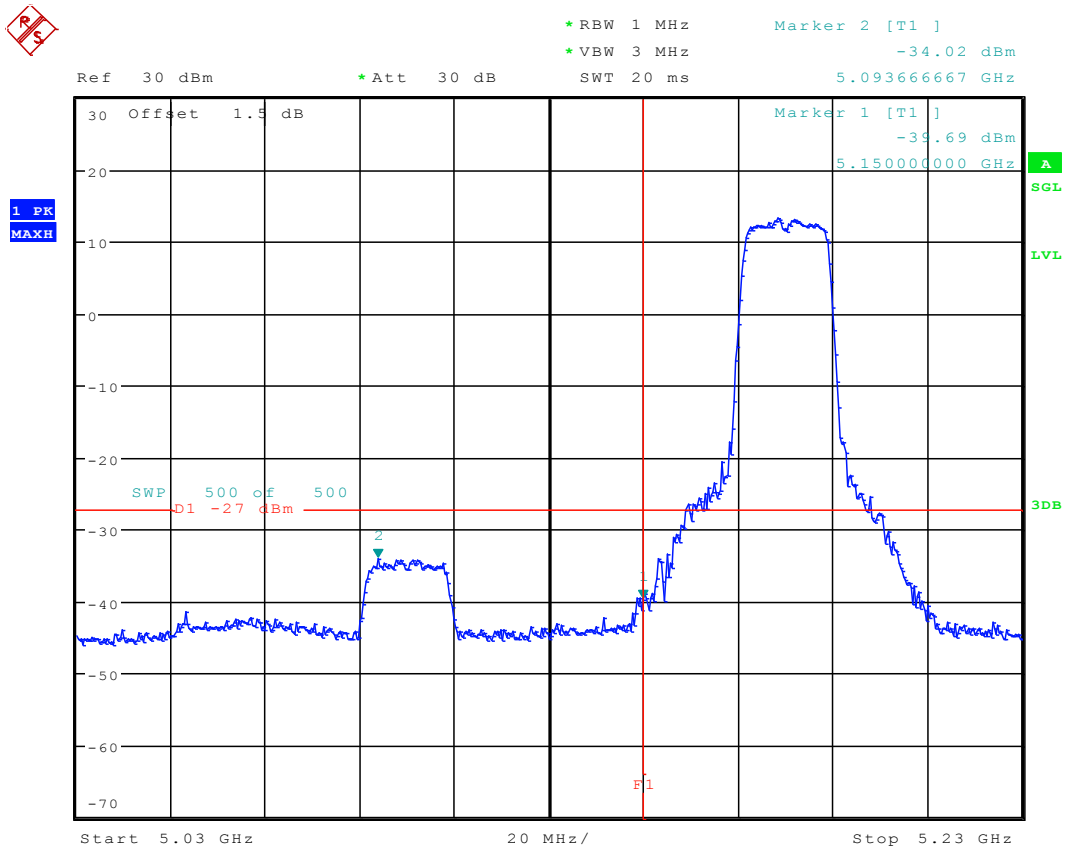
11.13 11N20MIMO_36 ANT 1



Date: 11.FEB.2017 18:35:53



11.14 11N20MIMO_36 ANT 2



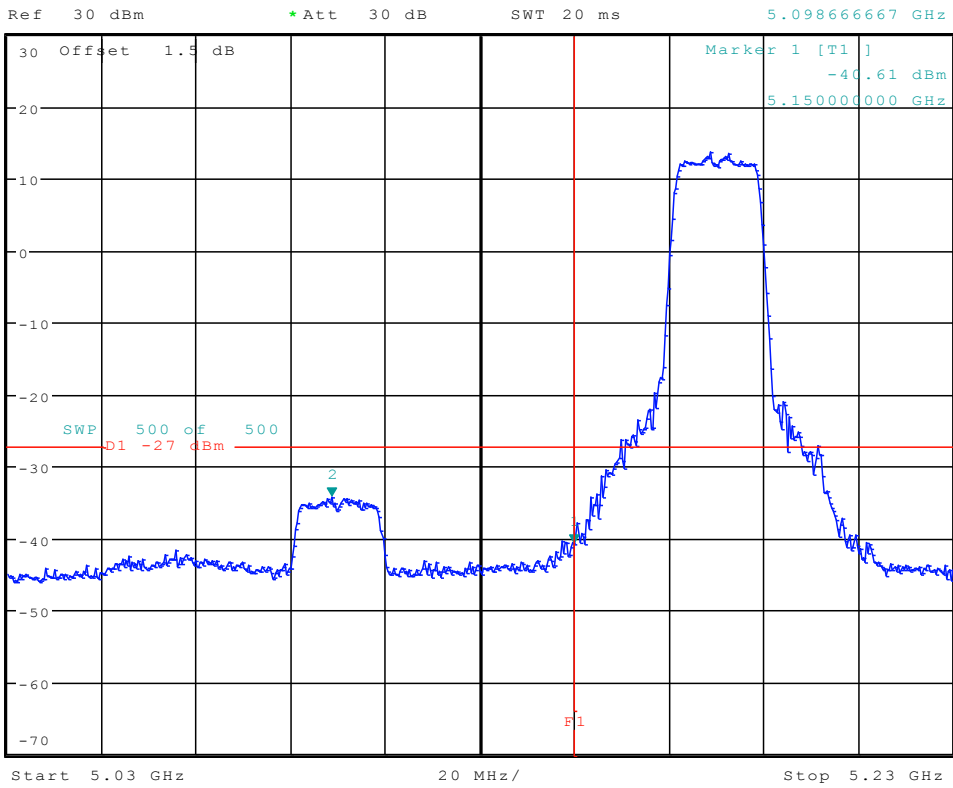
Date: 11.FEB.2017 17:27:50



11.15 11N20MIMO_36 ANT 3



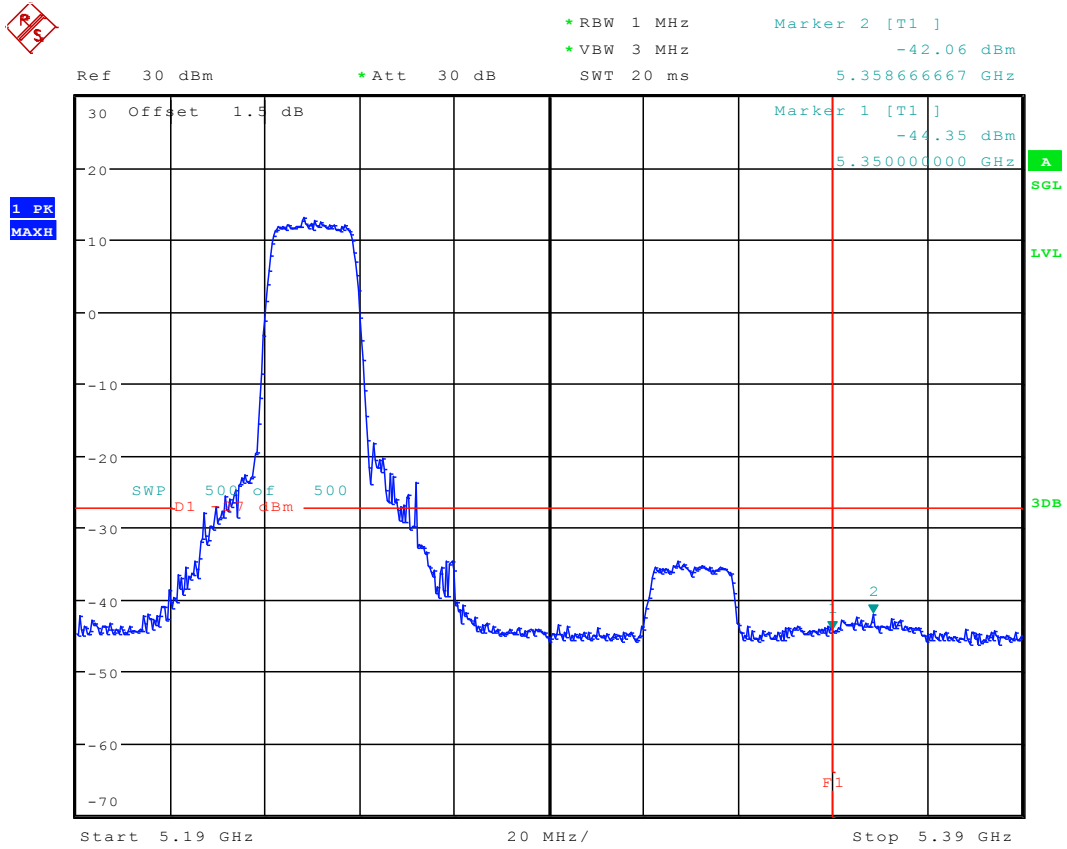
*RBW 1 MHz Marker 2 [T1]
 *VBW 3 MHz -34.23 dBm
 SWT 20 ms 5.098666667 GHz



Date: 11.FEB.2017 17:15:04

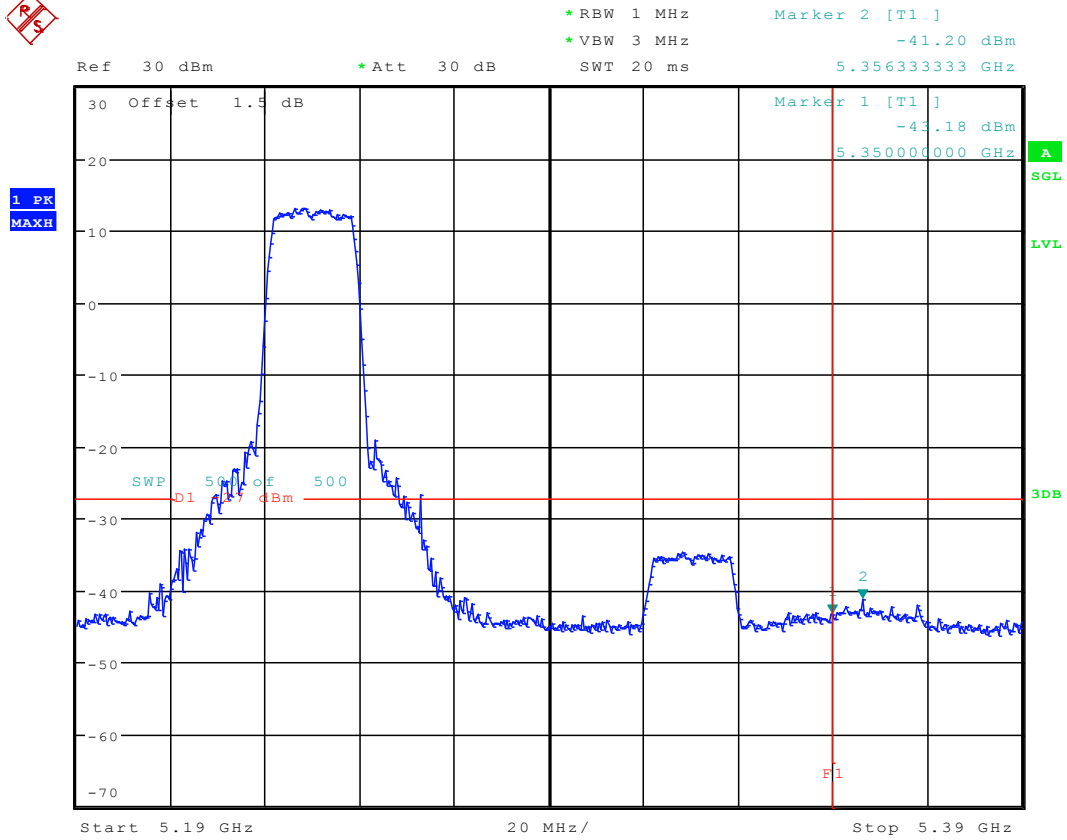


11.16 11N20MIMO_48 ANT 1



Date: 11.FEB.2017 18:41:00

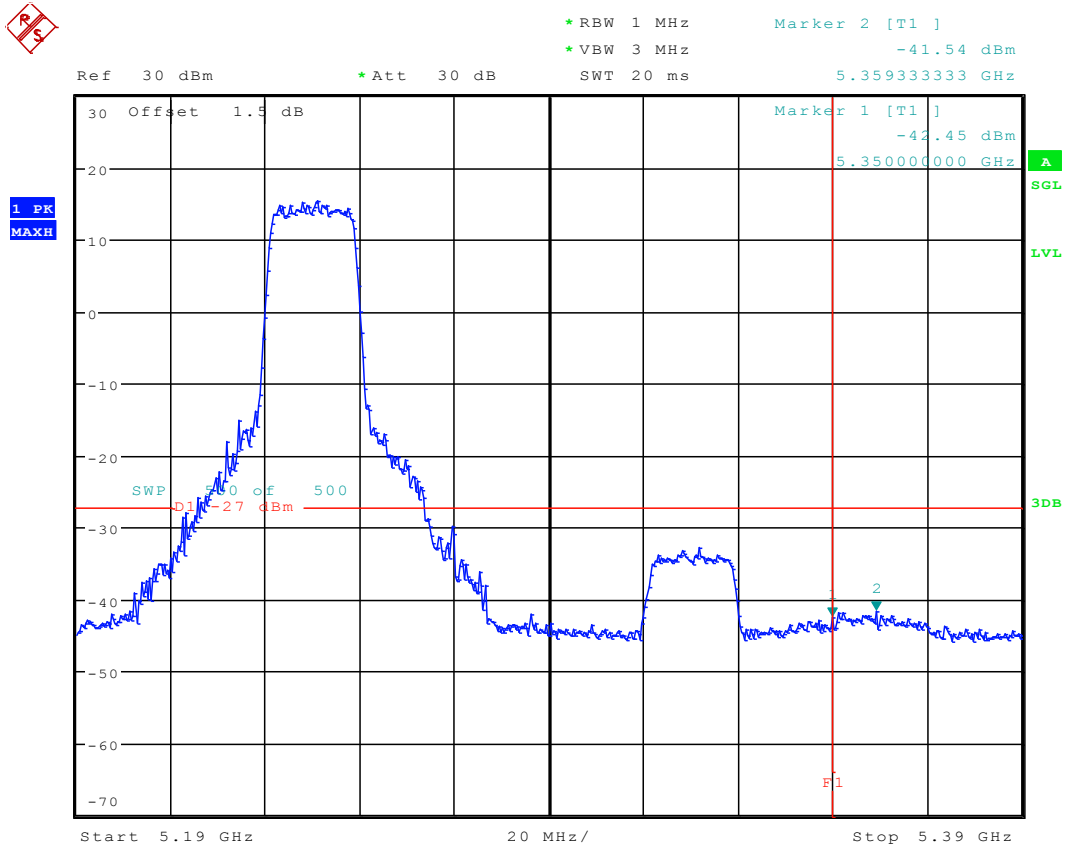
11.17 11N20MIMO_48 ANT 2



Date: 11.FEB.2017 17:22:27



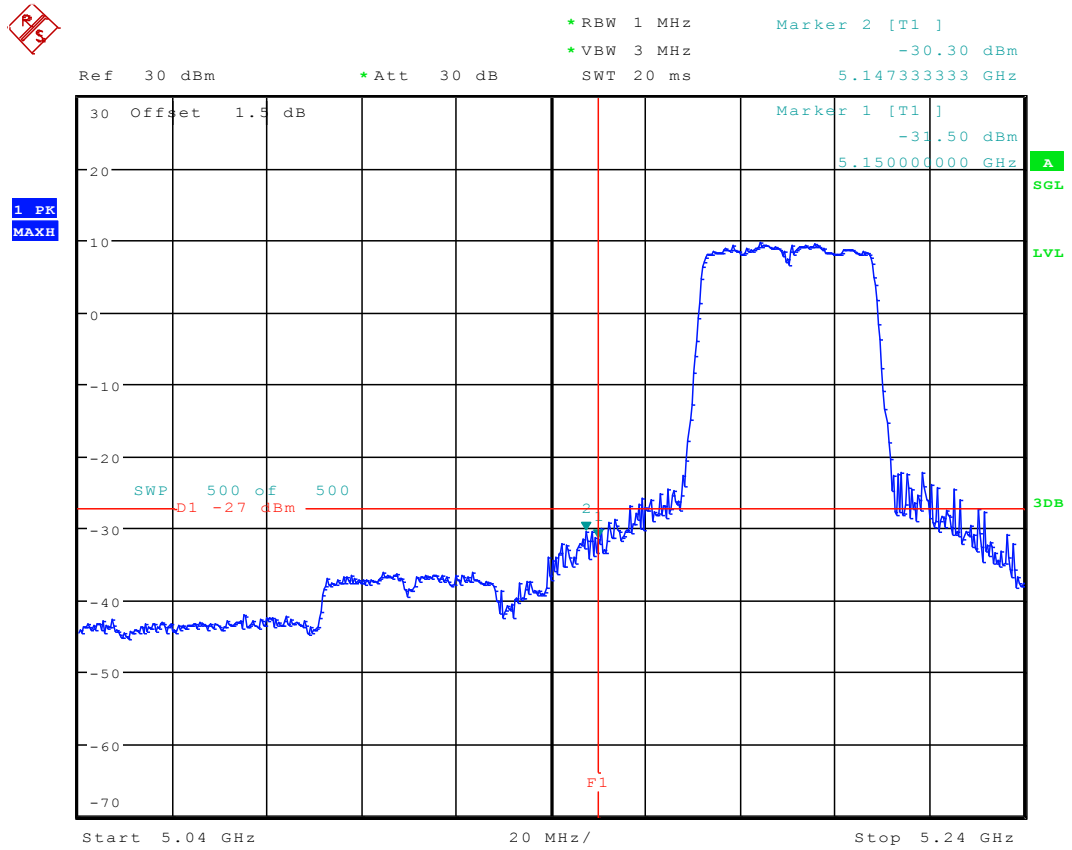
11.18 11N20MIMO_48 ANT 3



Date: 11.FEB.2017 16:40:31



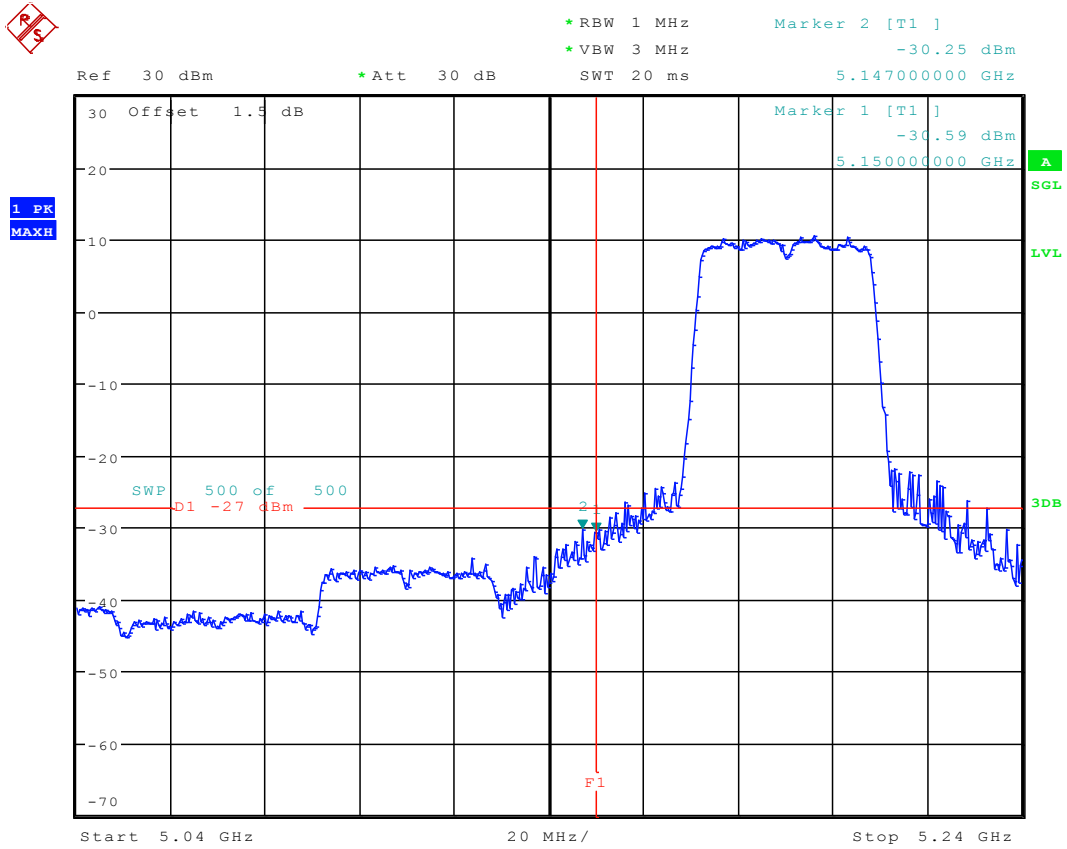
11.19 11N40_38 ANT 1



Date: 9.FEB.2017 11:29:44



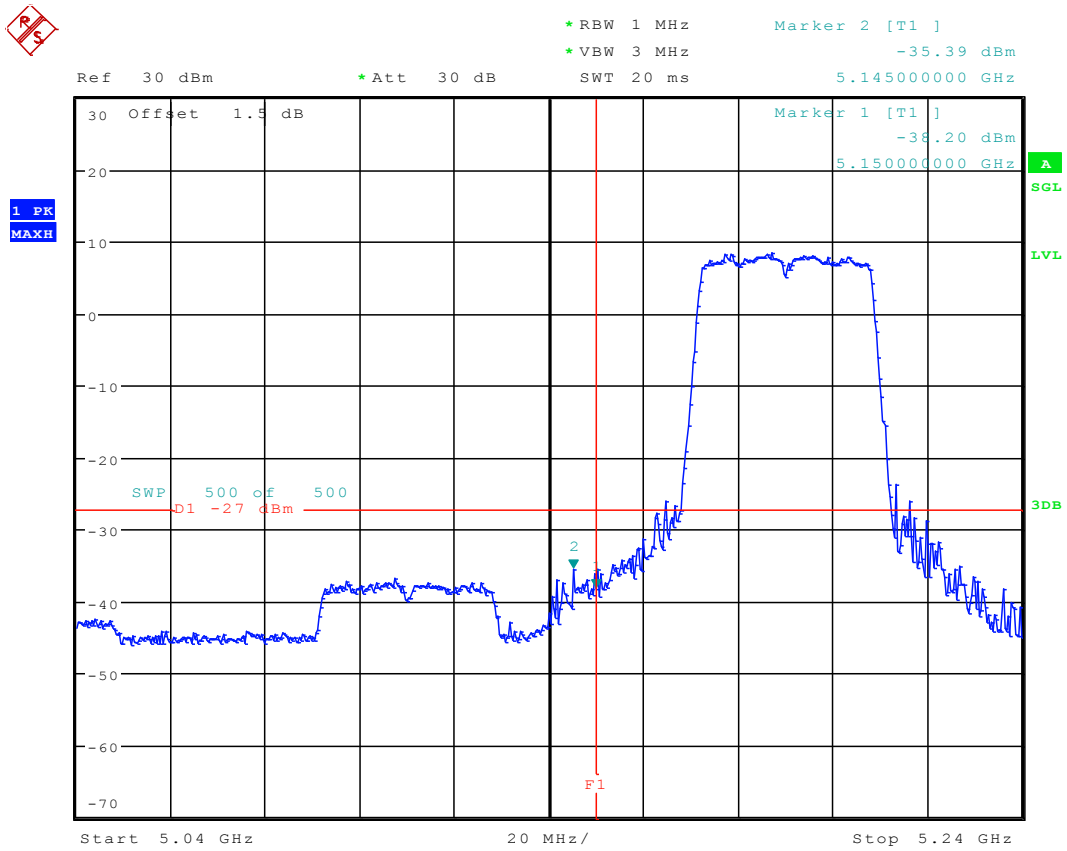
11.20 11N40_38 ANT 2



Date: 9.FEB.2017 16:19:33



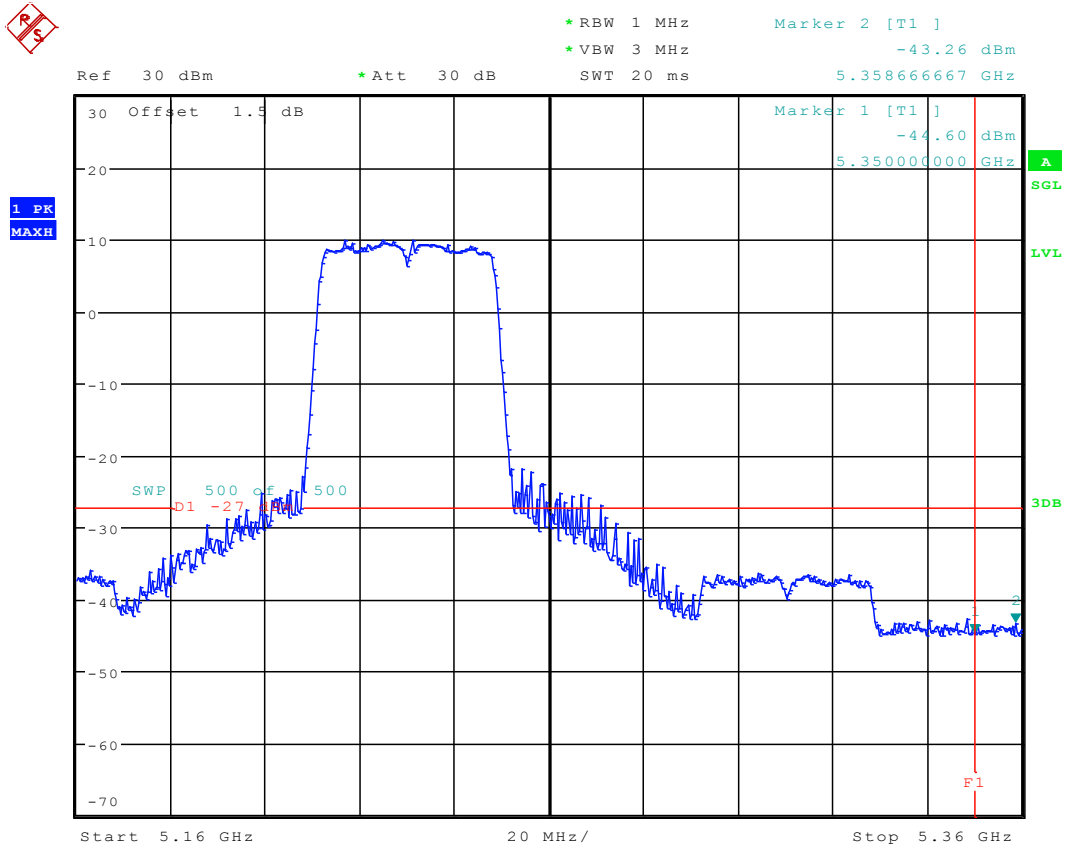
11.21 11N40_38 ANT 3



Date: 15.FEB.2017 11:35:10



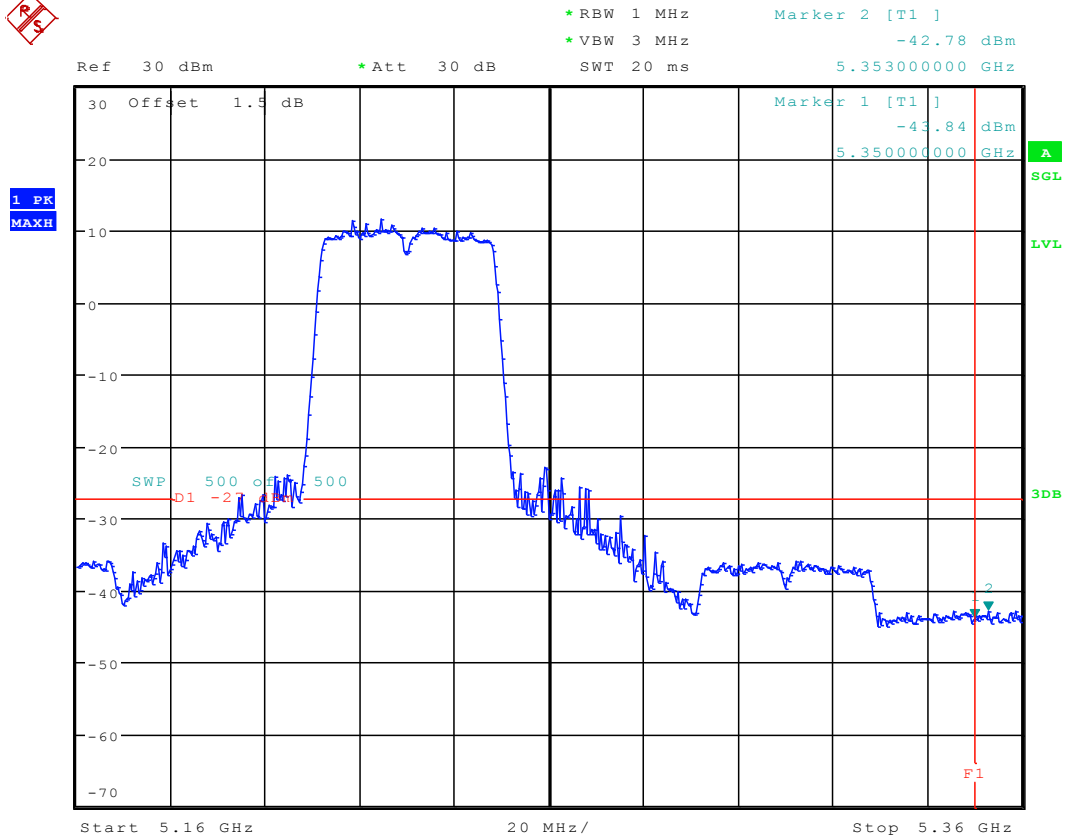
11.22 11N40_46 ANT 1



Date: 9.FEB.2017 11:36:59



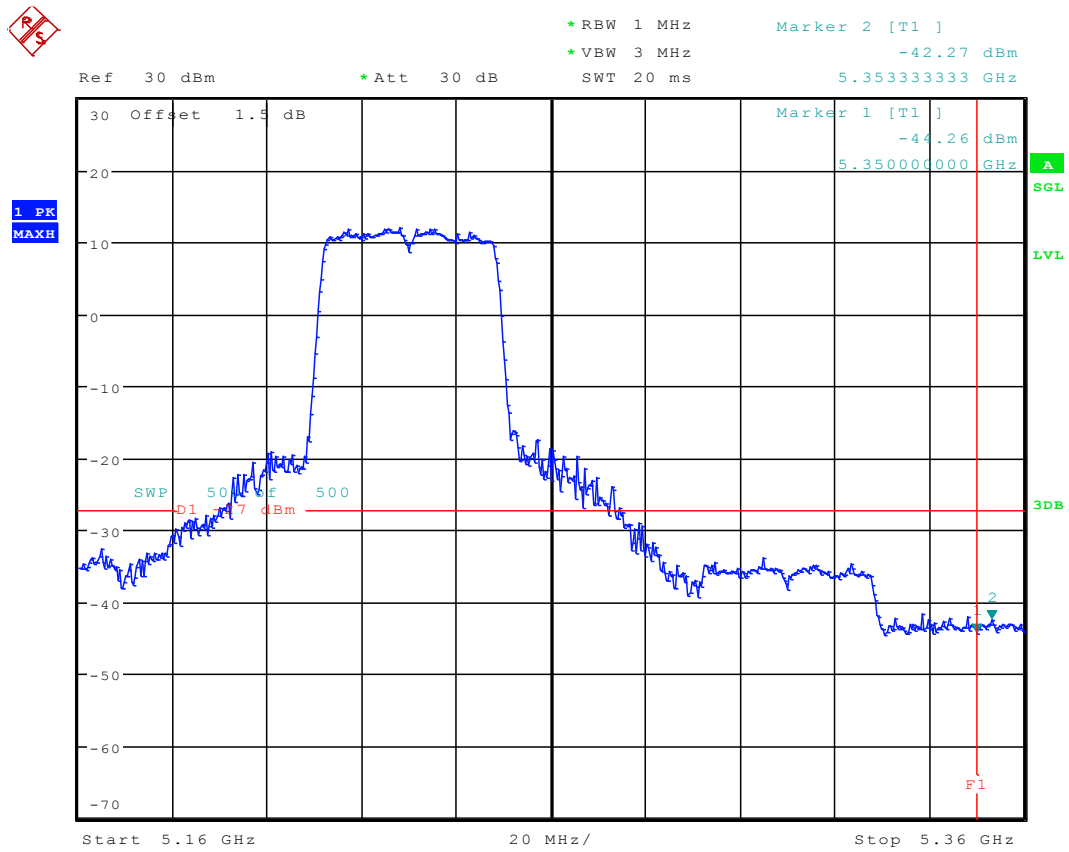
11.23 11N40_46 ANT 2



Date: 9.FEB.2017 16:25:25

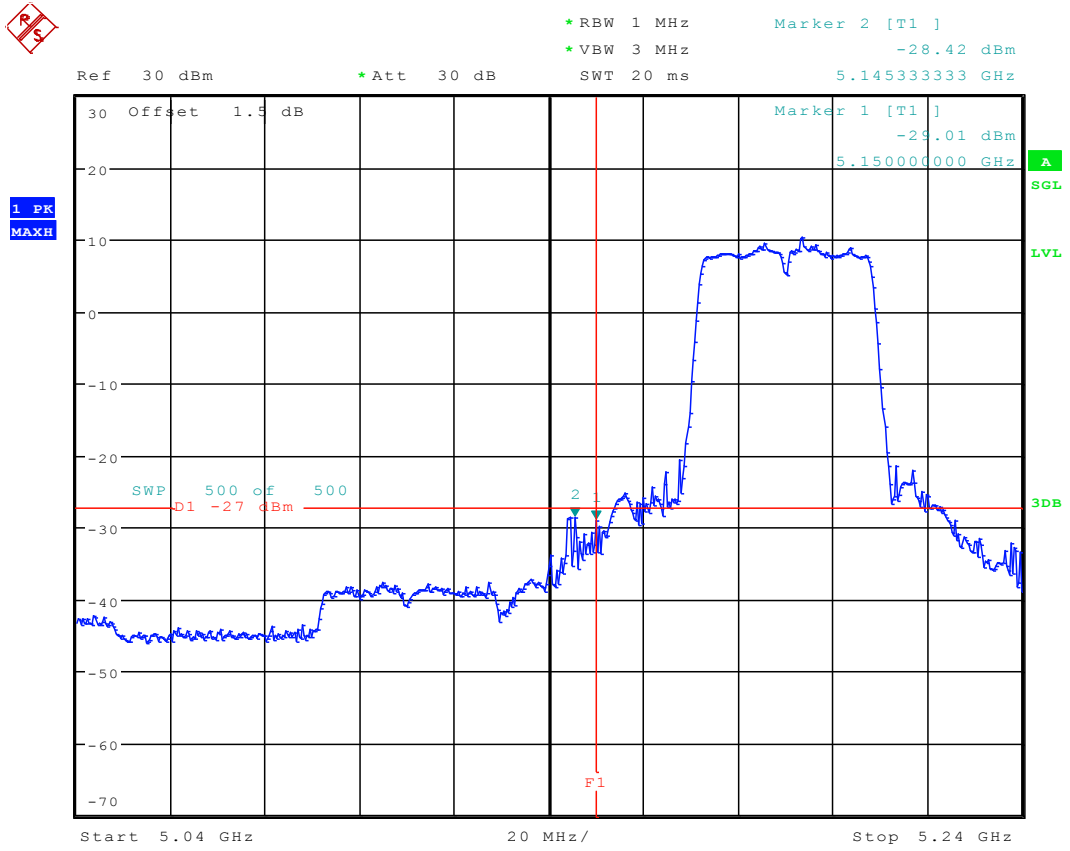


11.24 11N40_46 ANT 3



Date: 9.FEB.2017 19:59:09

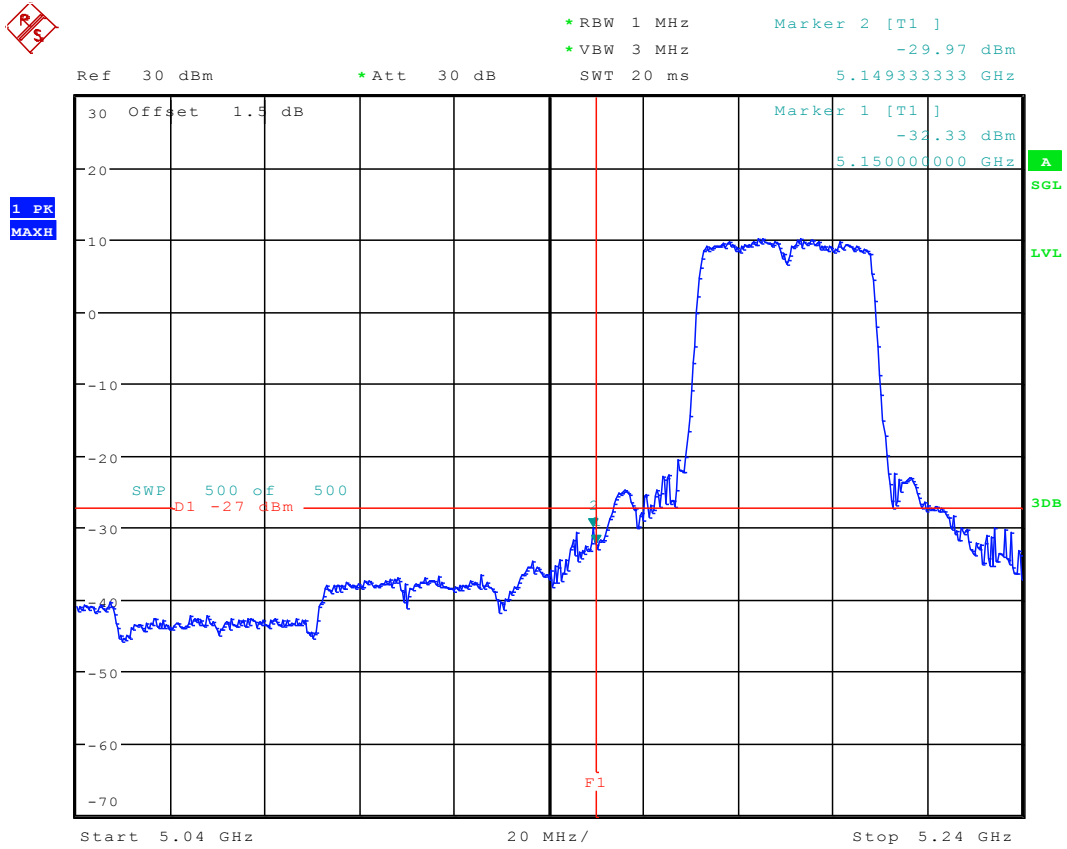
11.25 11N40MIMO_38 ANT 1



Date: 11.FEB.2017 18:51:58



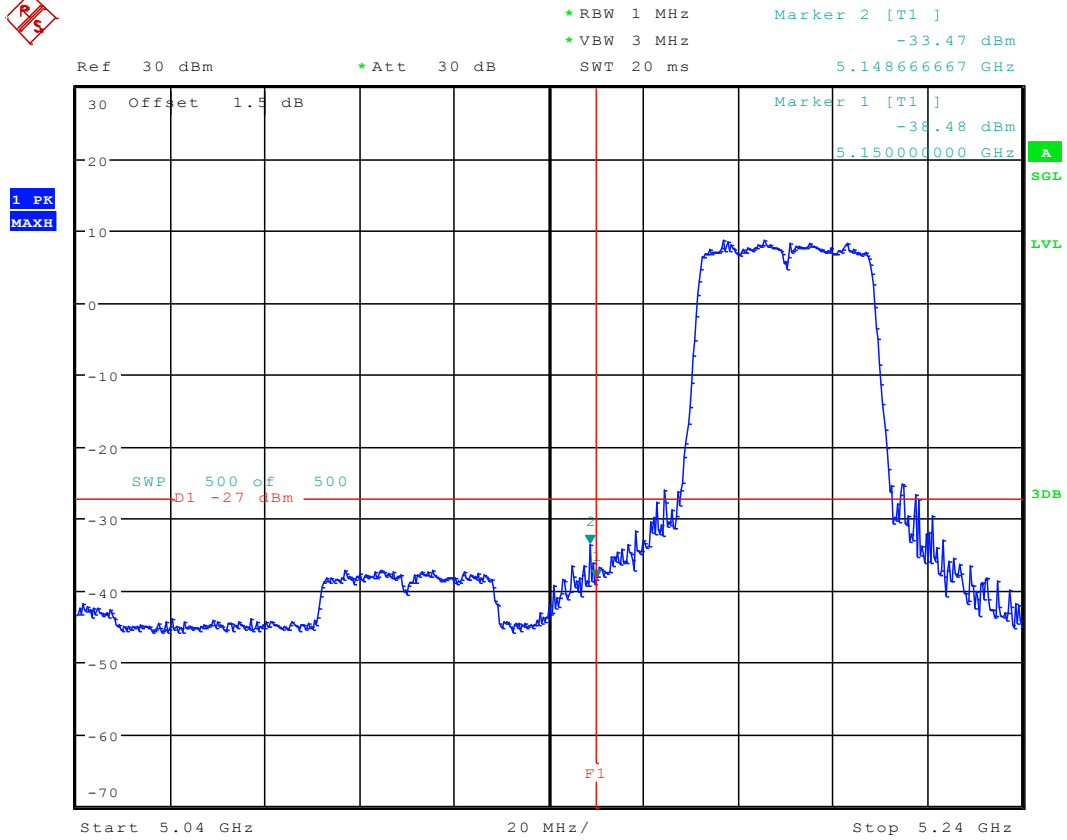
11.26 11N40MIMO_38 ANT 2



Date: 11.FEB.2017 17:36:10



11.27 11N40MIMO_38 ANT 3



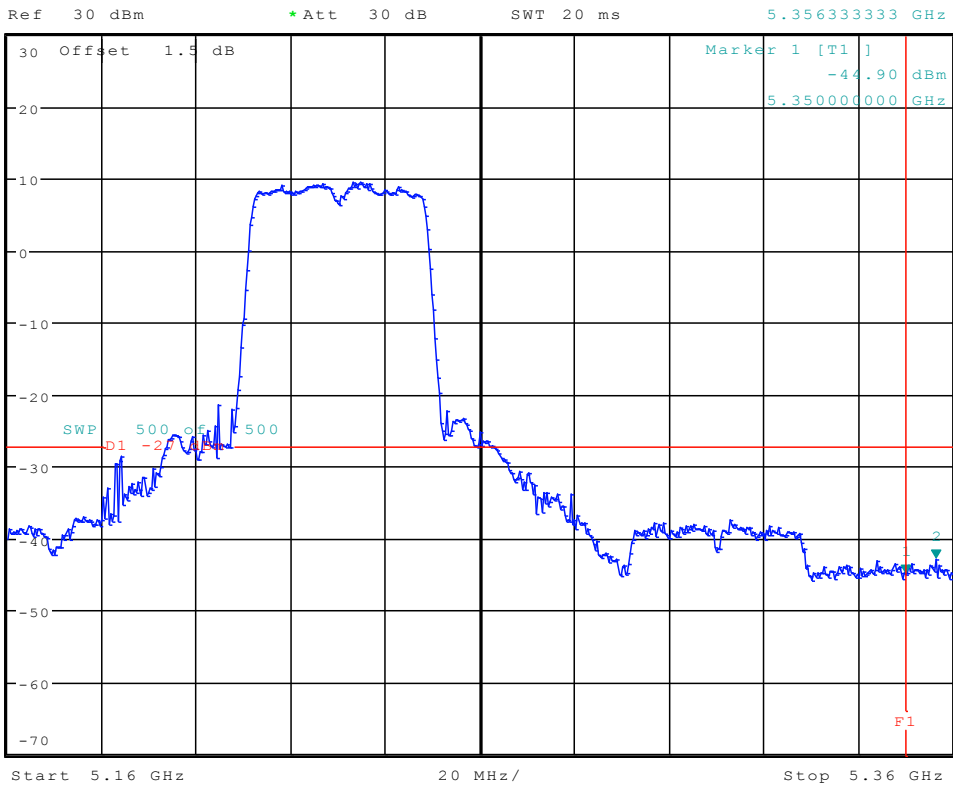
Date: 15.FEB.2017 12:08:47



11.28 11N40MIMO_46 ANT 1



*RBW 1 MHz Marker 2 [T1]
 *VBW 3 MHz -42.88 dBm
 SWT 20 ms 5.356333333 GHz



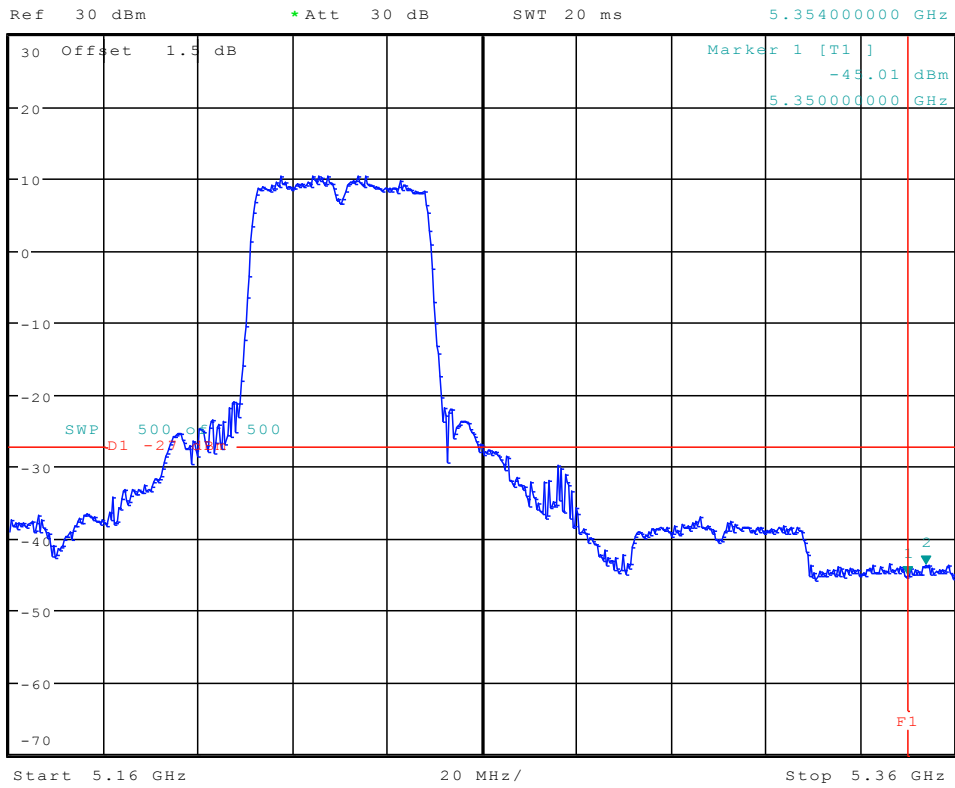
Date: 11.FEB.2017 18:57:09



11.29 11N40MIMO_46 ANT 2



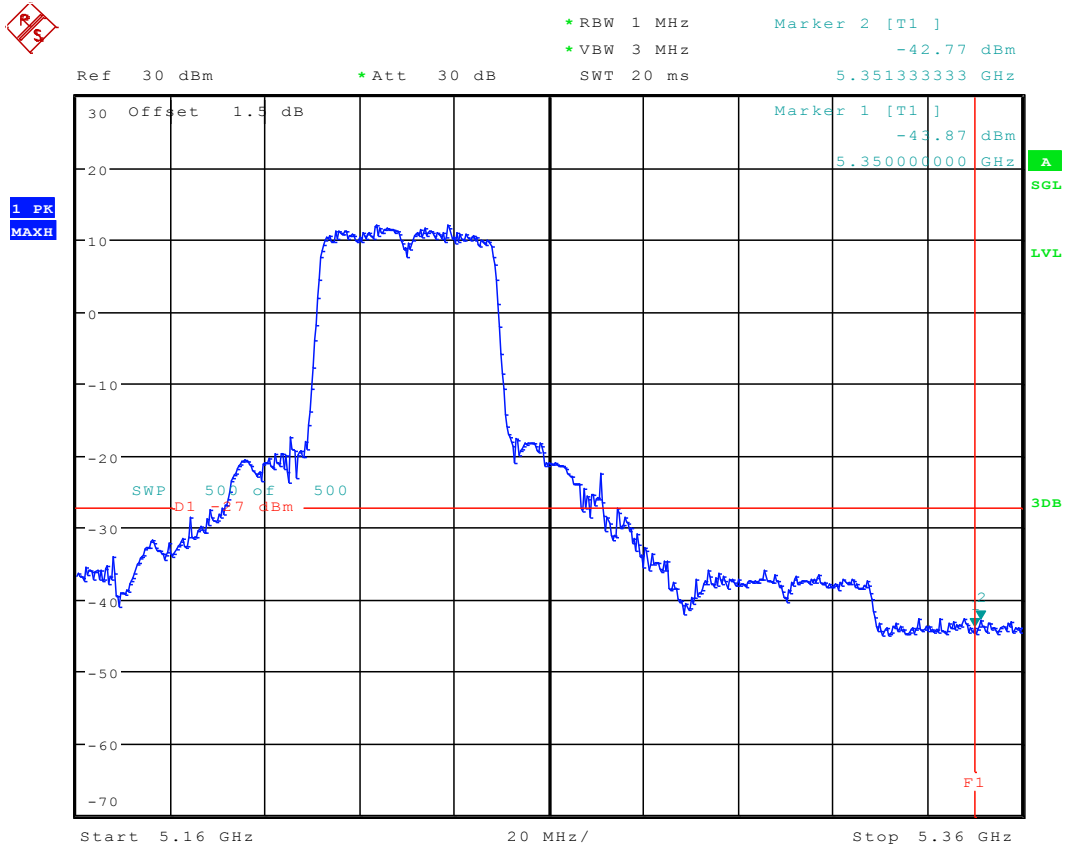
*RBW 1 MHz Marker 2 [T1]
 *VBW 3 MHz -43.65 dBm
 SWT 20 ms 5.354000000 GHz



Date: 11.FEB.2017 17:41:35



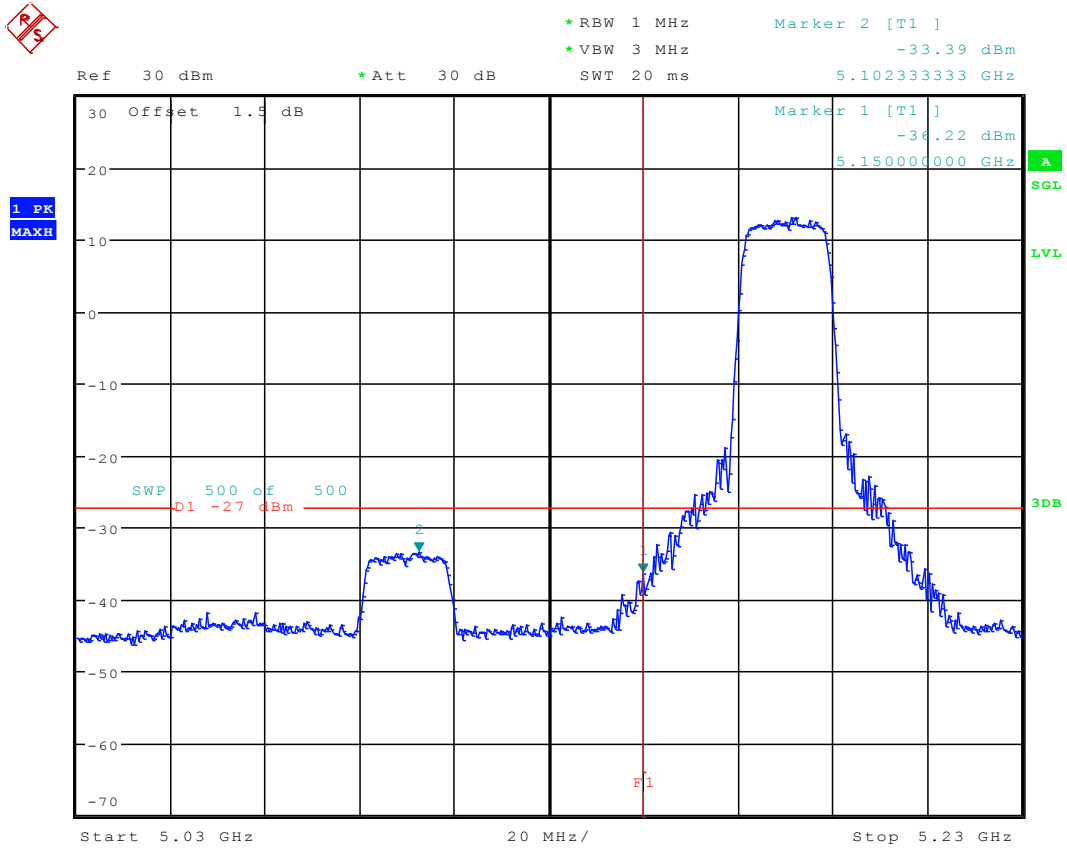
11.30 11N40MIMO_46 ANT 3



Date: 11.FEB.2017 16:59:21



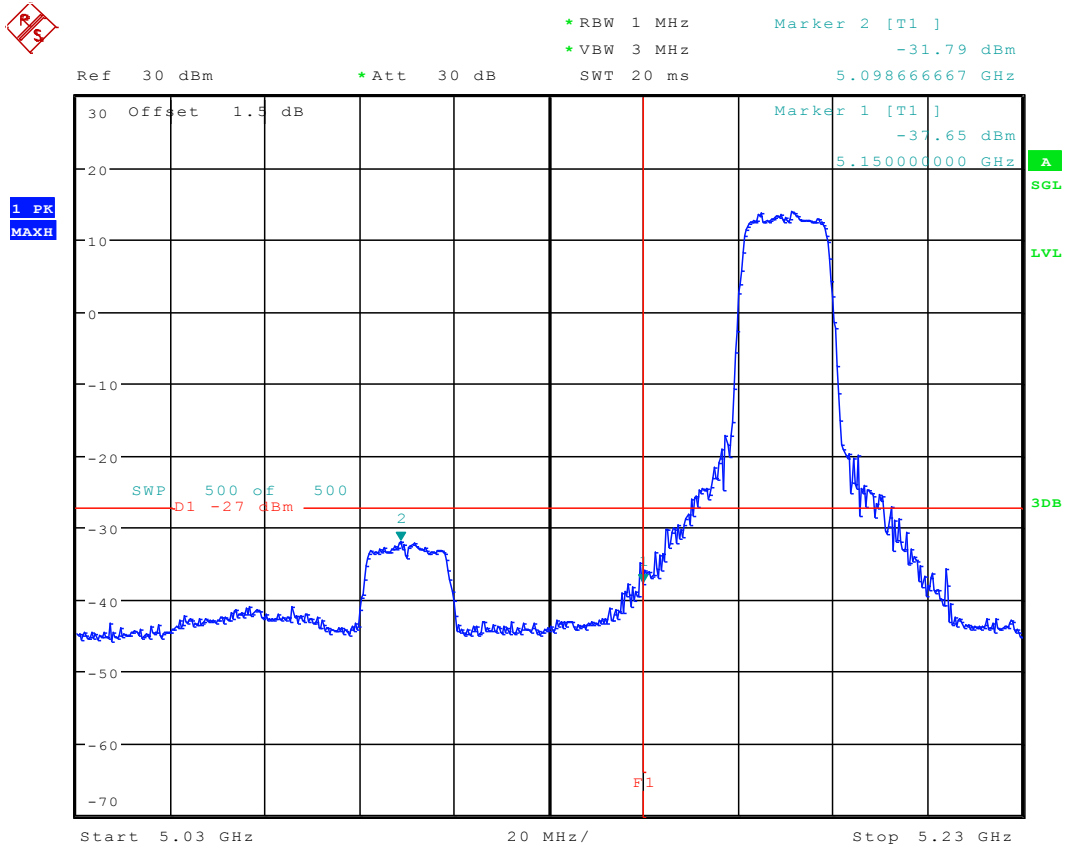
11.31 11AC20_36 ANT 1



Date: 9.FEB.2017 10:43:19



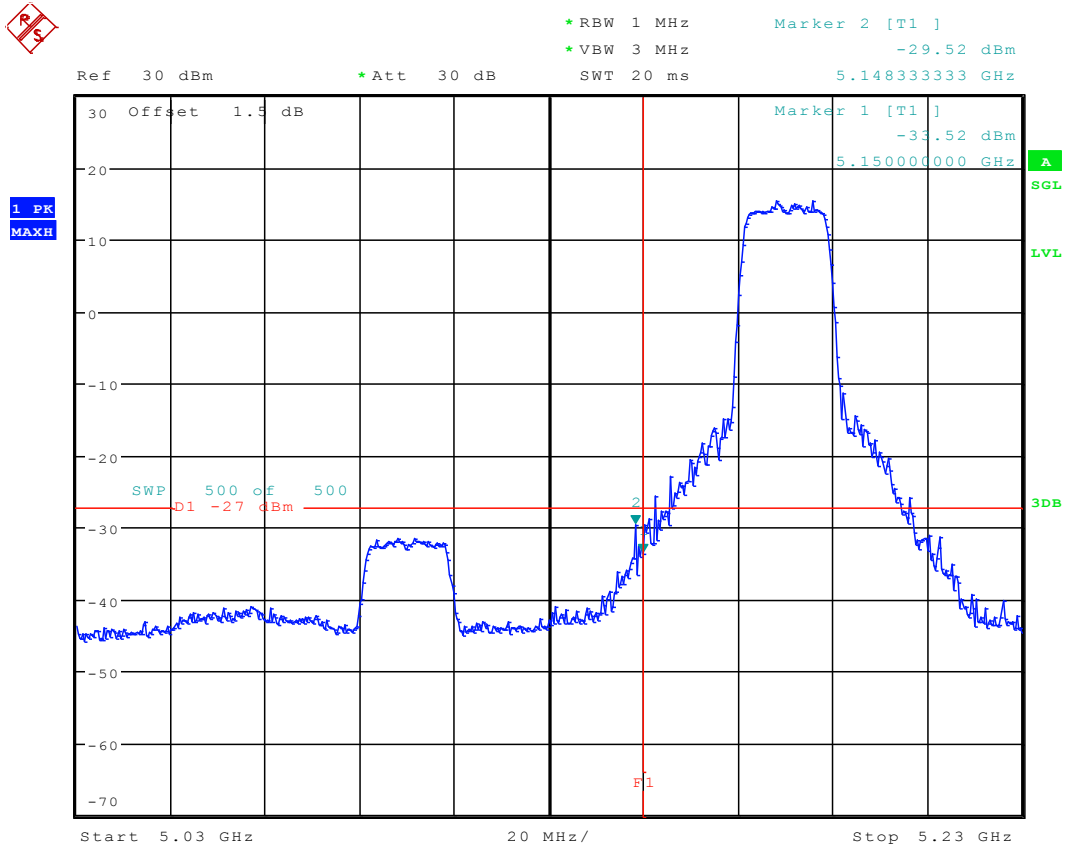
11.32 11AC20_36 ANT 2



Date: 9.FEB.2017 15:58:52



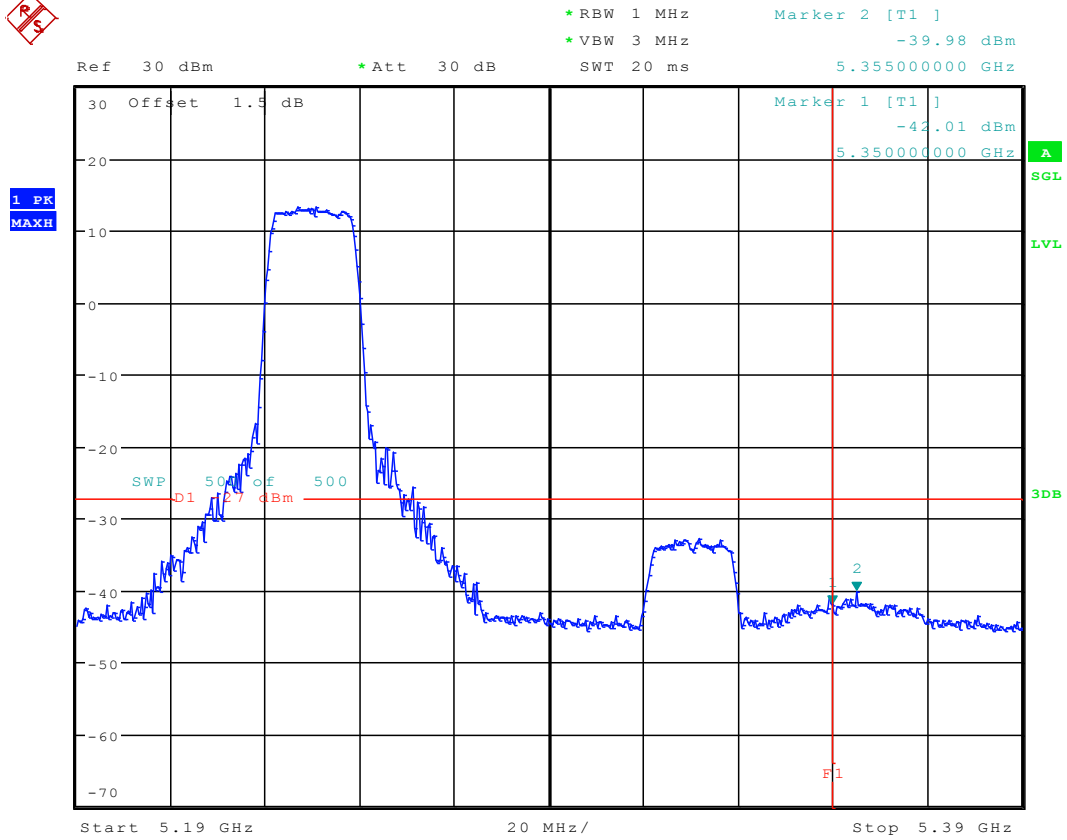
11.33 11AC20_36 ANT 3



Date: 9.FEB.2017 19:31:23



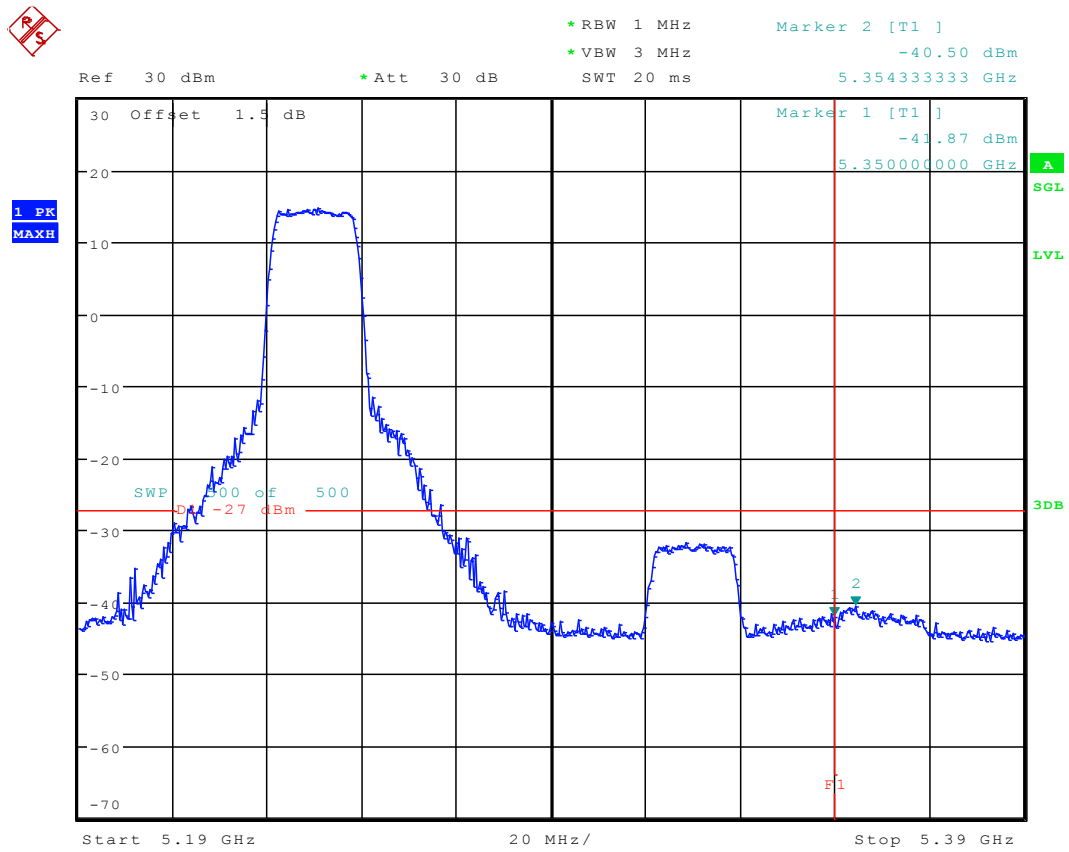
11.35 11AC20_48 ANT 2



Date: 9.FEB.2017 16:04:37

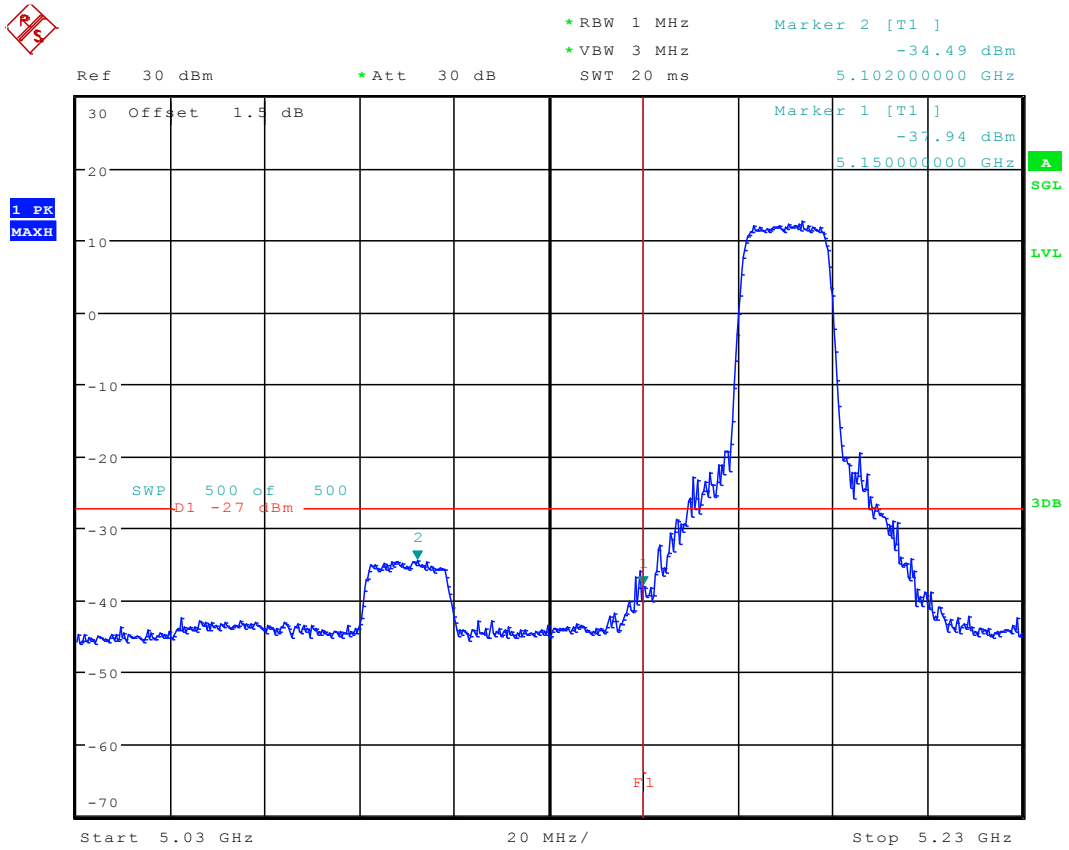


11.36 11AC20_48 ANT 3



Date: 9.FEB.2017 19:38:53

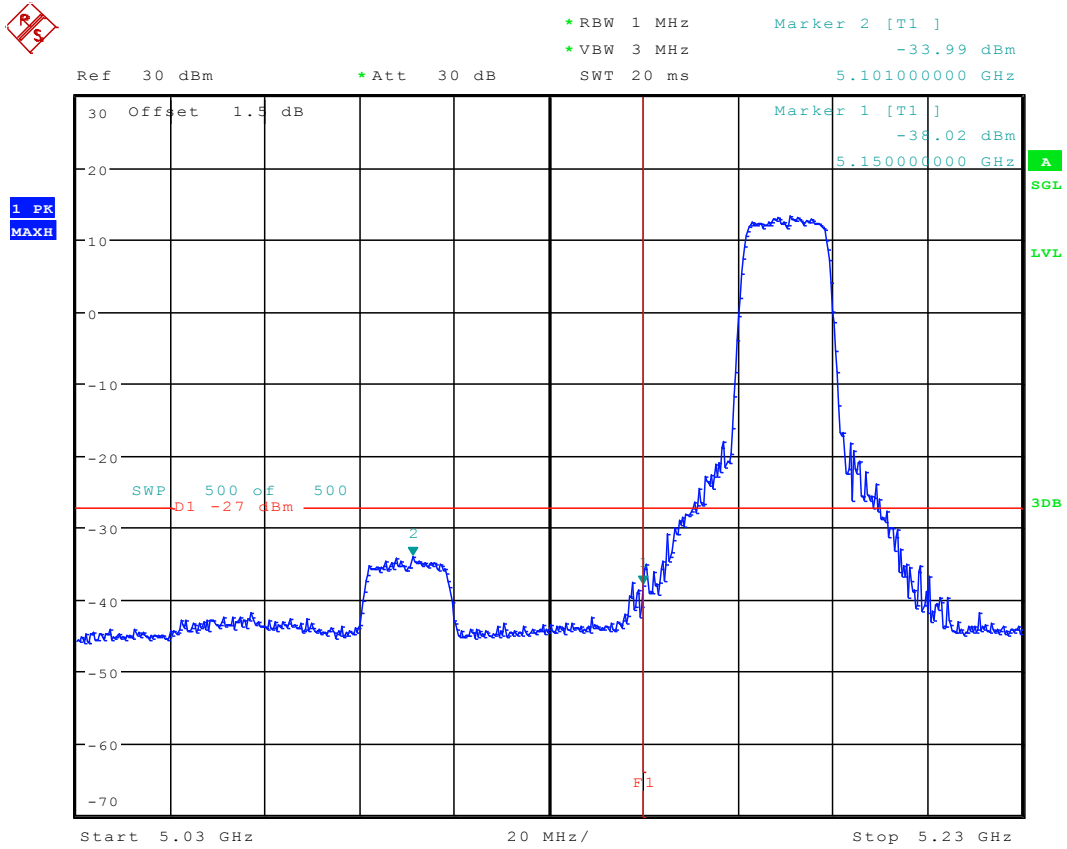
11.37 11AC20MIMO_36 ANT 1



Date: 13.FEB.2017 09:50:38



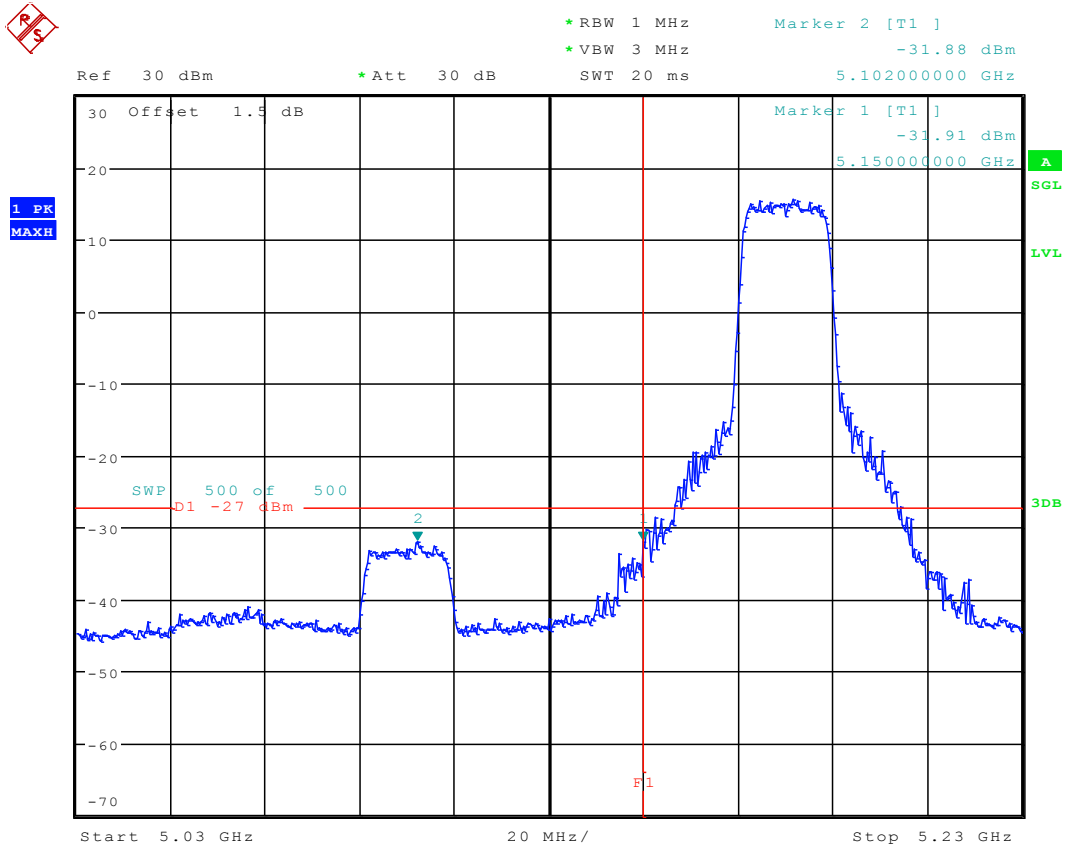
11.38 11AC20MIMO_36 ANT 2



Date: 11.FEB.2017 17:49:50



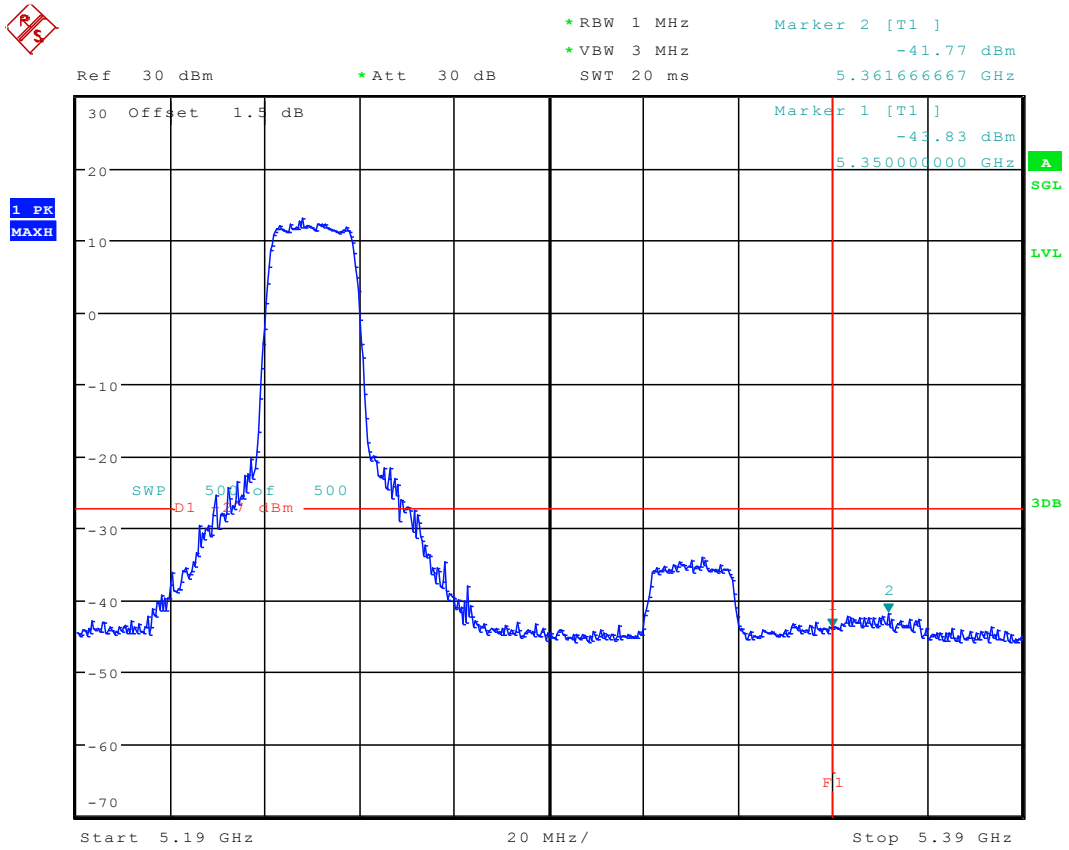
11.39 11AC20MIMO_36 ANT 3



Date: 14.FEB.2017 15:25:09



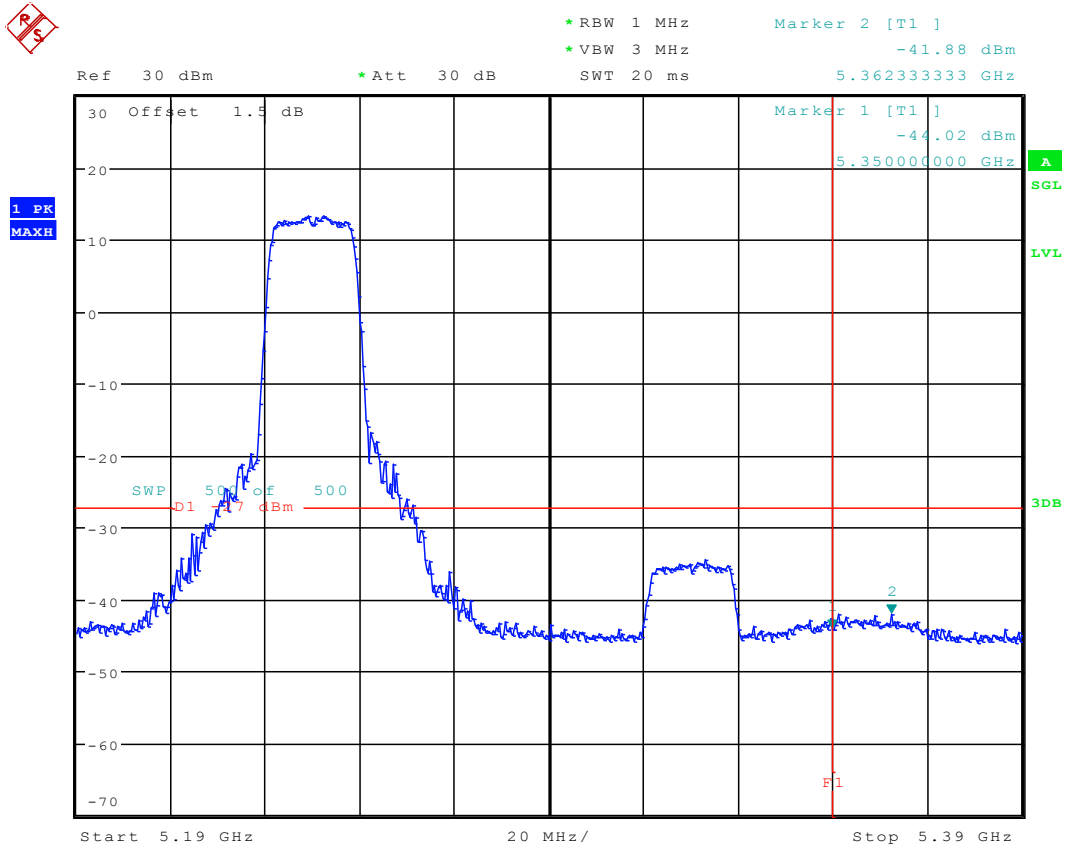
11.40 11AC20MIMO_48 ANT 1



Date: 13.FEB.2017 09:55:59



11.41 11AC20MIMO_48 ANT 2



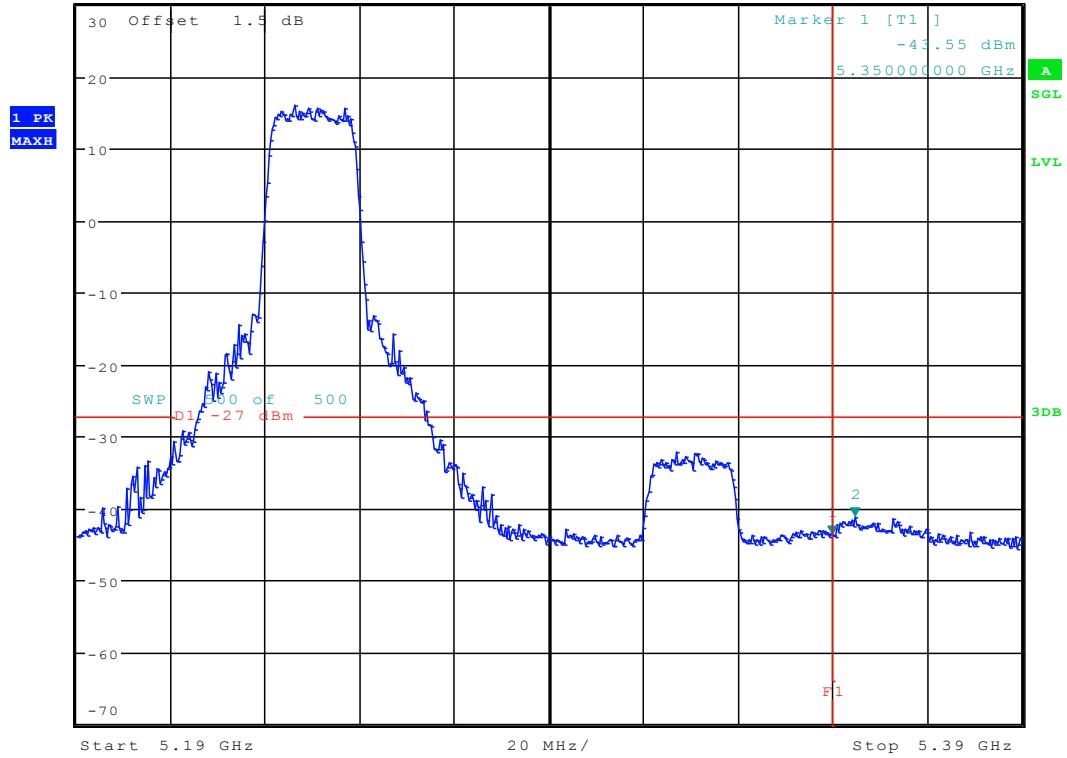
Date: 11.FEB.2017 17:54:59



11.42 11AC20MIMO_48 ANT 3



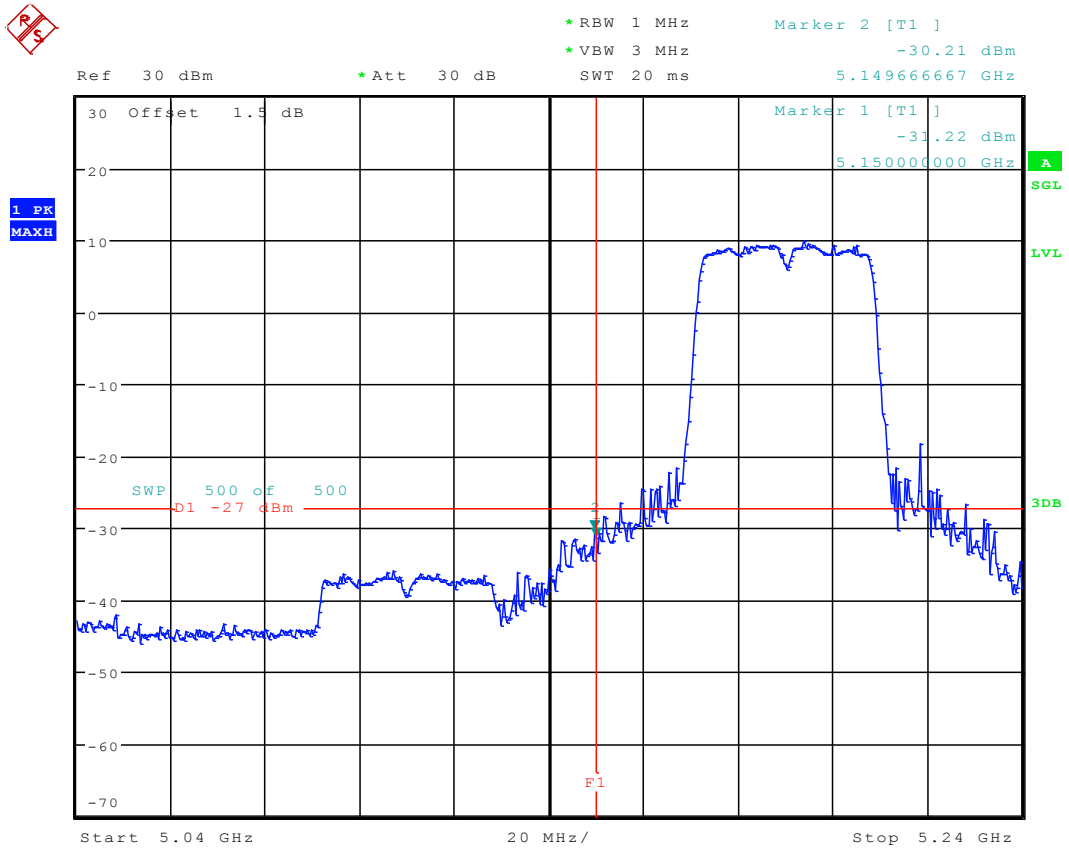
*RBW 1 MHz Marker 2 [T1]
 *VBW 3 MHz -41.20 dBm
 Ref 30 dBm *Att 30 dB SWT 20 ms 5.354666667 GHz



Date: 14.FEB.2017 15:30:30



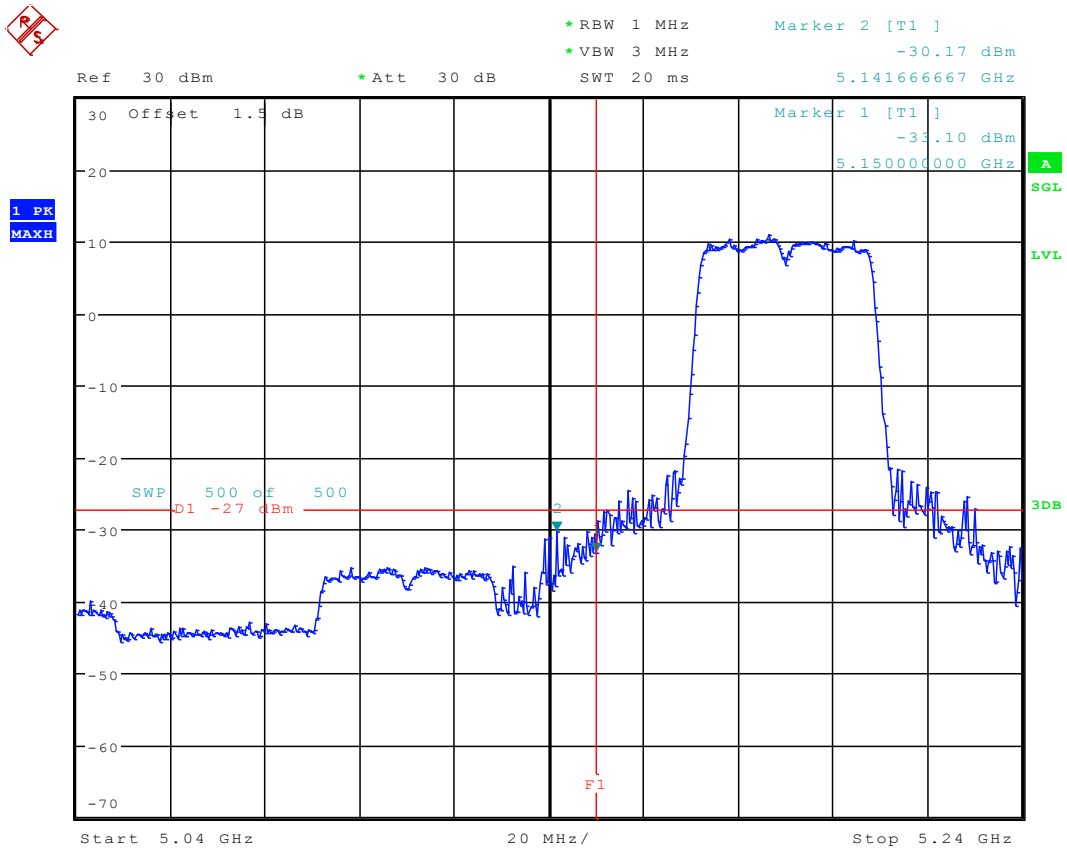
11.43 11AC40_38 ANT 1



Date: 9.FEB.2017 12:17:55

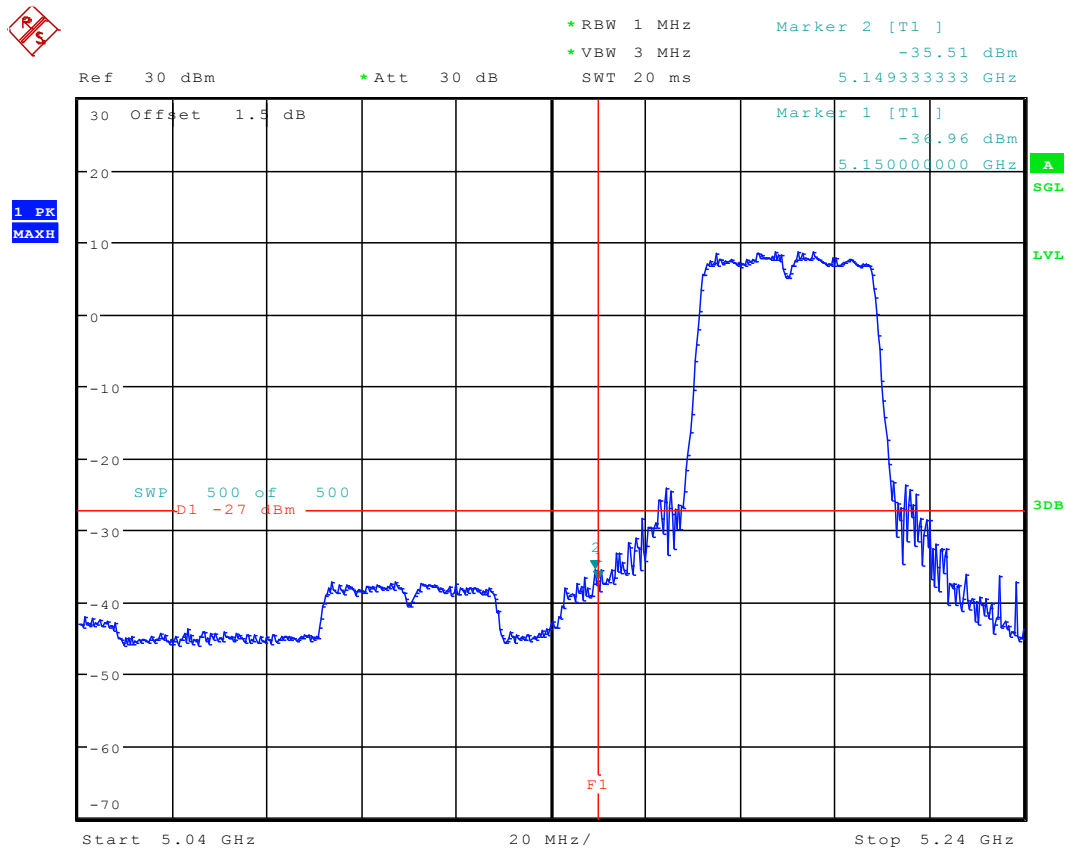


11.44 11AC40_38 ANT 2



Date: 9.FEB.2017 16:33:41

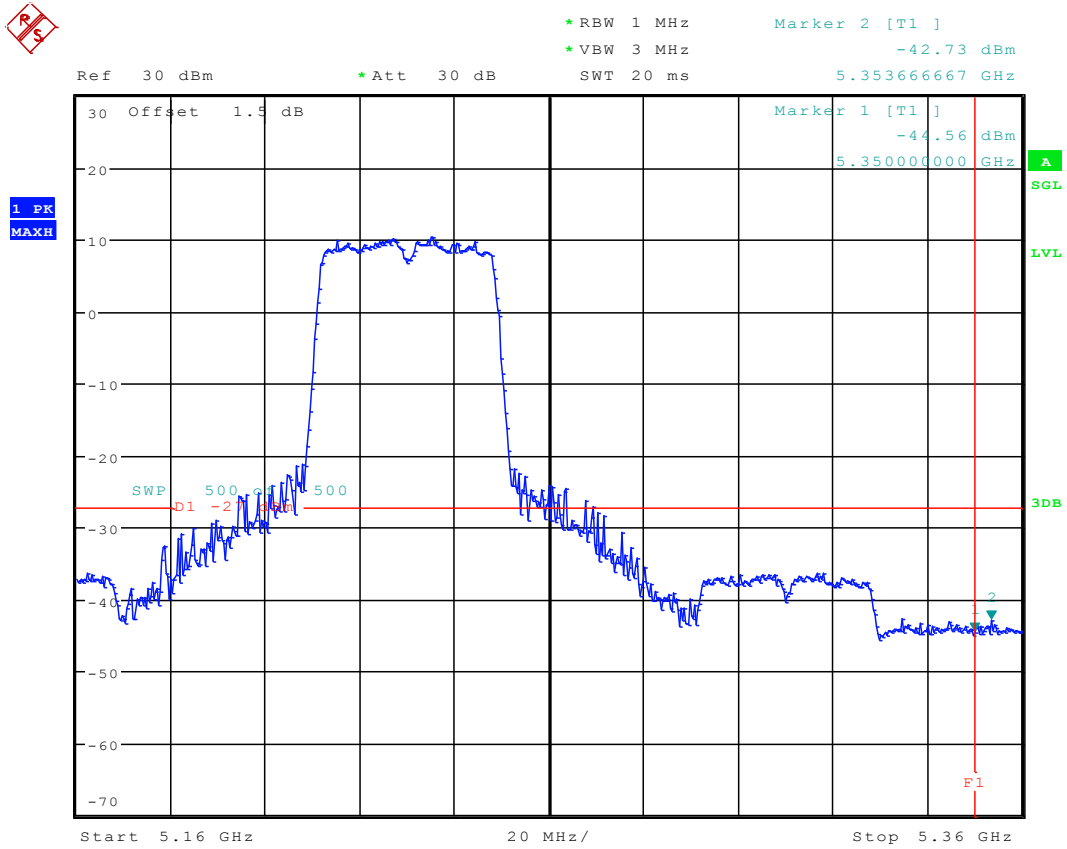
11.45 11AC40_38 ANT 3



Date: 15.FEB.2017 12:13:22



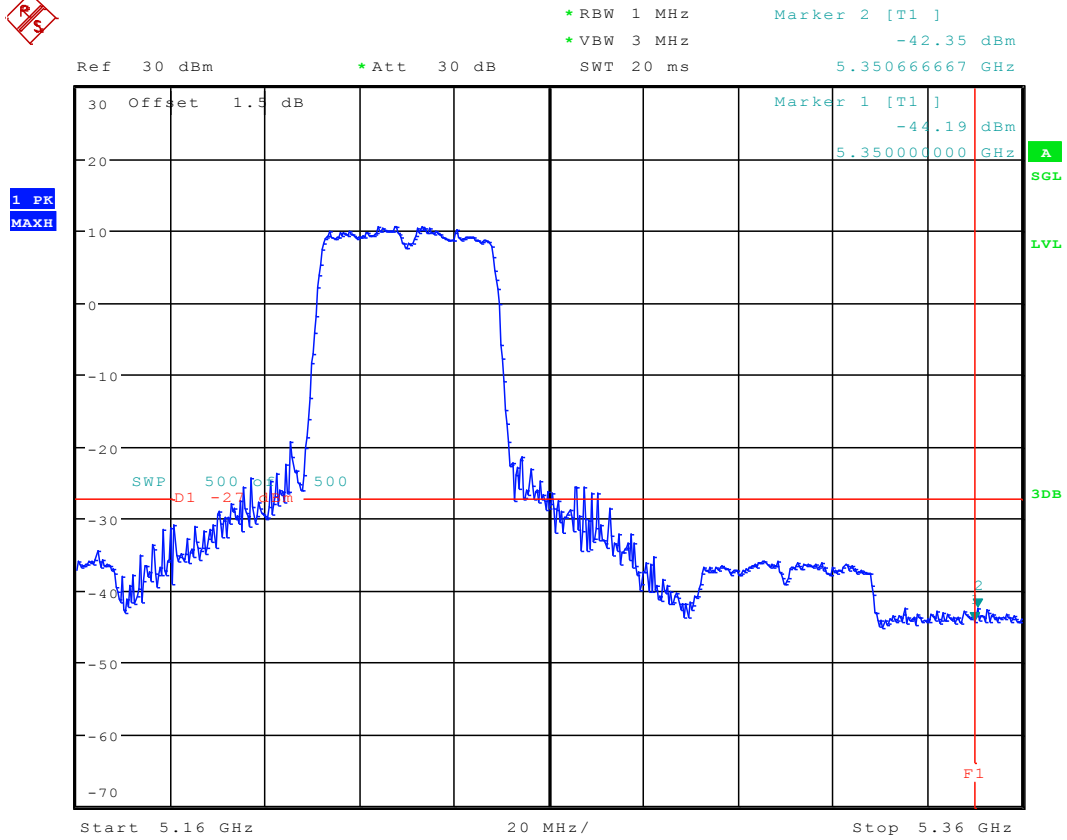
11.46 11AC40_46 ANT 1



Date: 9.FEB.2017 12:23:11



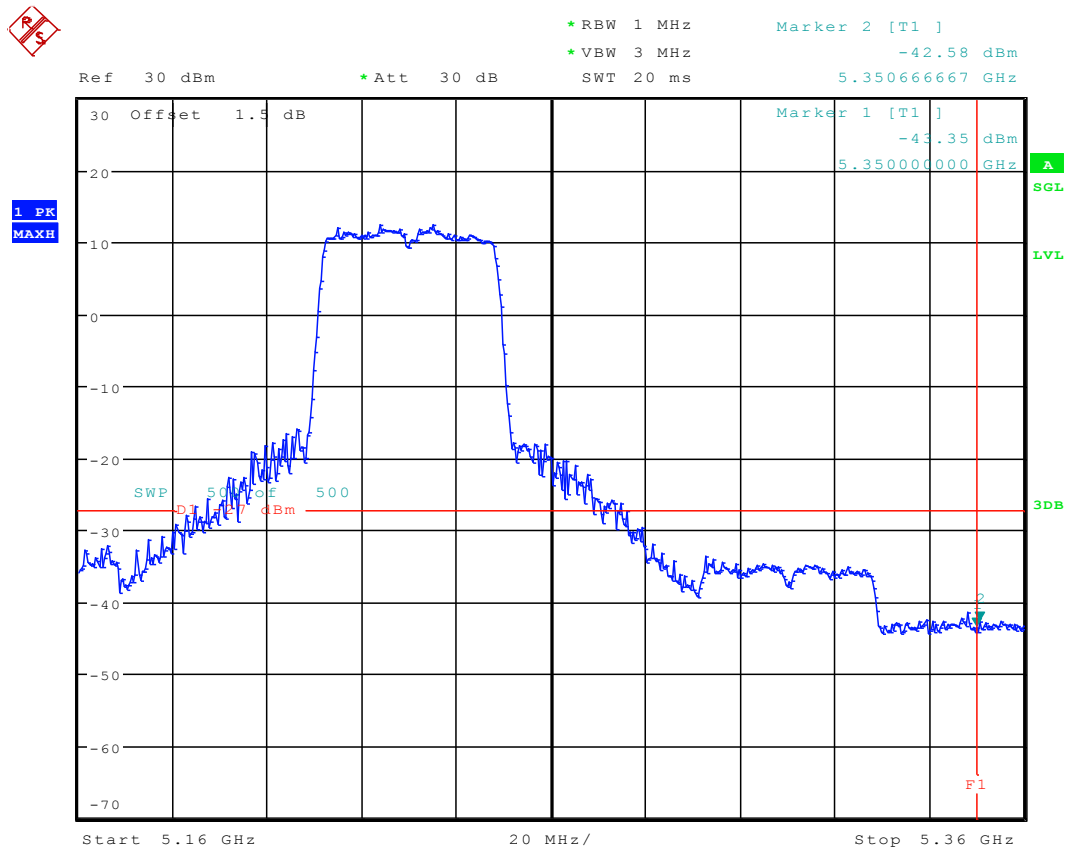
11.47 11AC40_46 ANT 2



Date: 9.FEB.2017 16:39:07

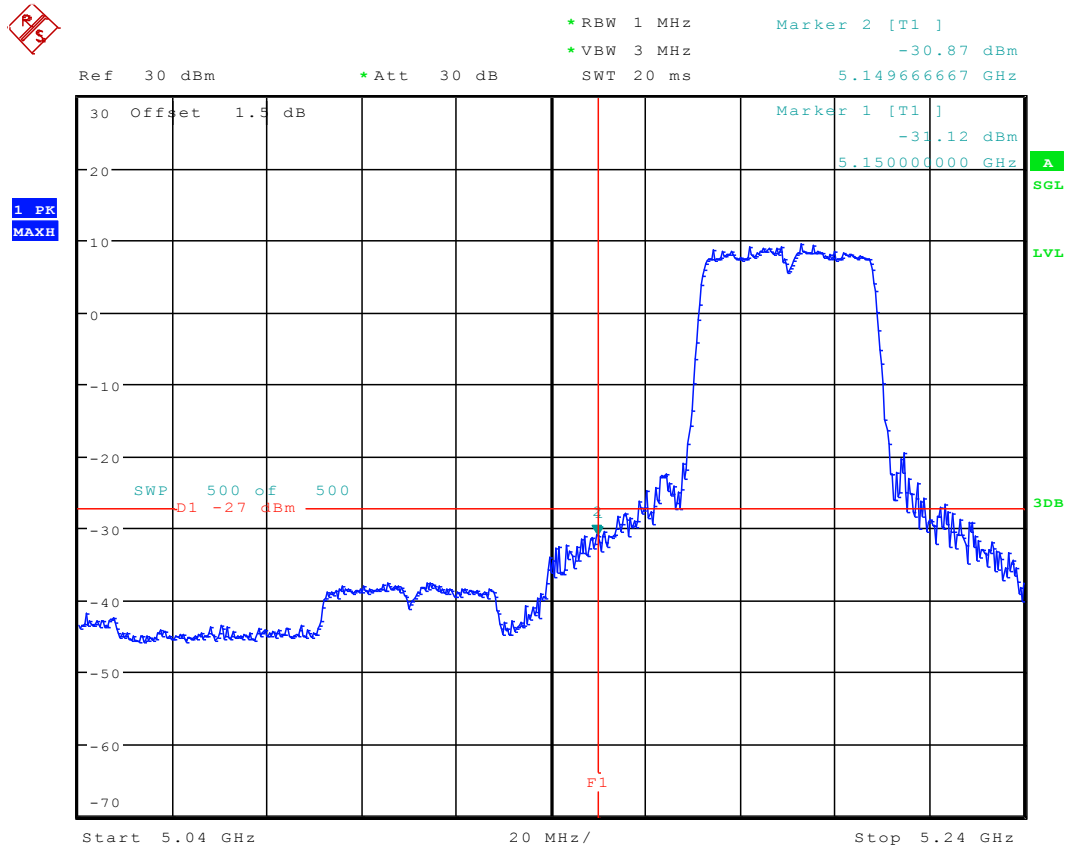


11.48 11AC40_46 ANT 3



Date: 9.FEB.2017 20:16:14

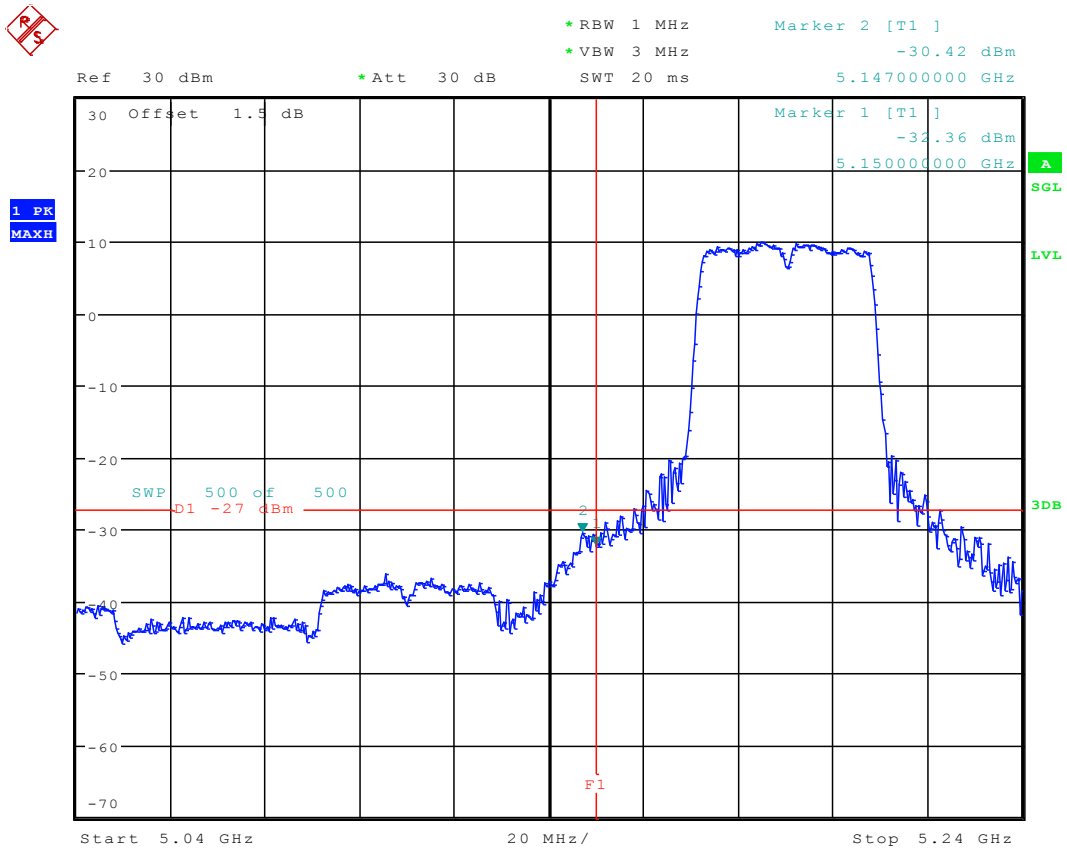
11.49 11AC40MIMO_38 ANT 1



Date: 13.FEB.2017 10:06:15



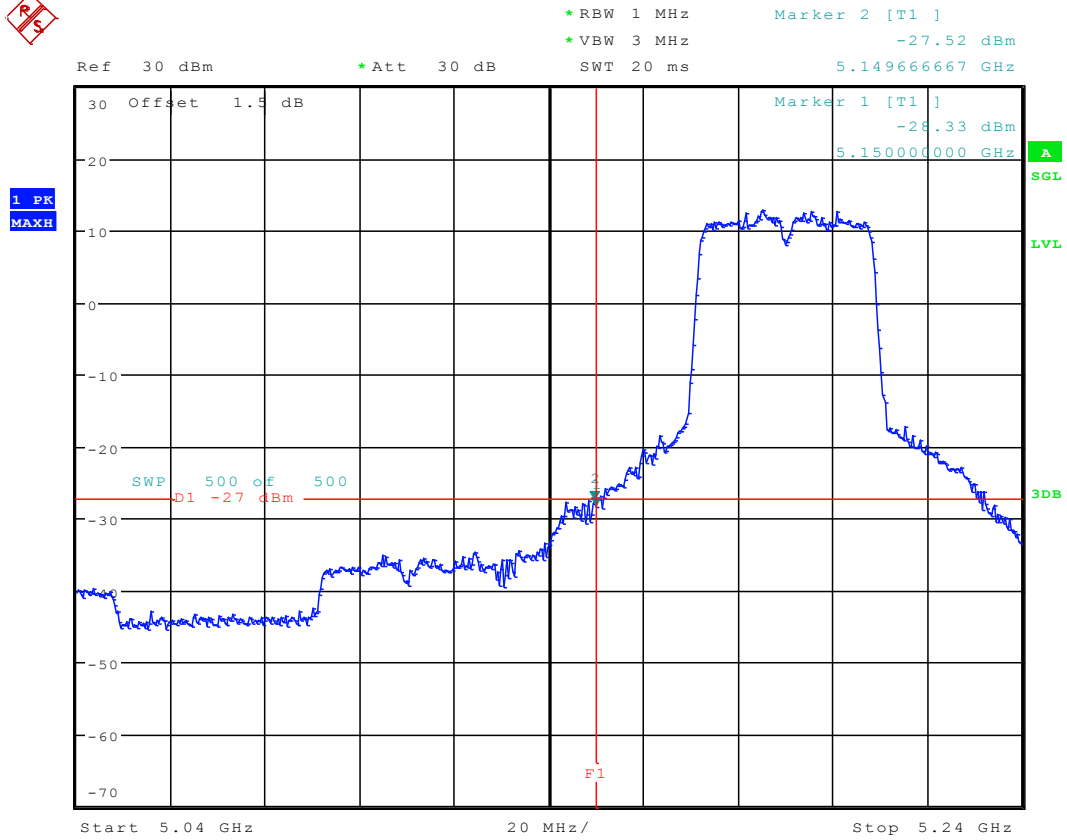
11.50 11AC40MIMO_38 ANT 2



Date: 11.FEB.2017 18:02:10



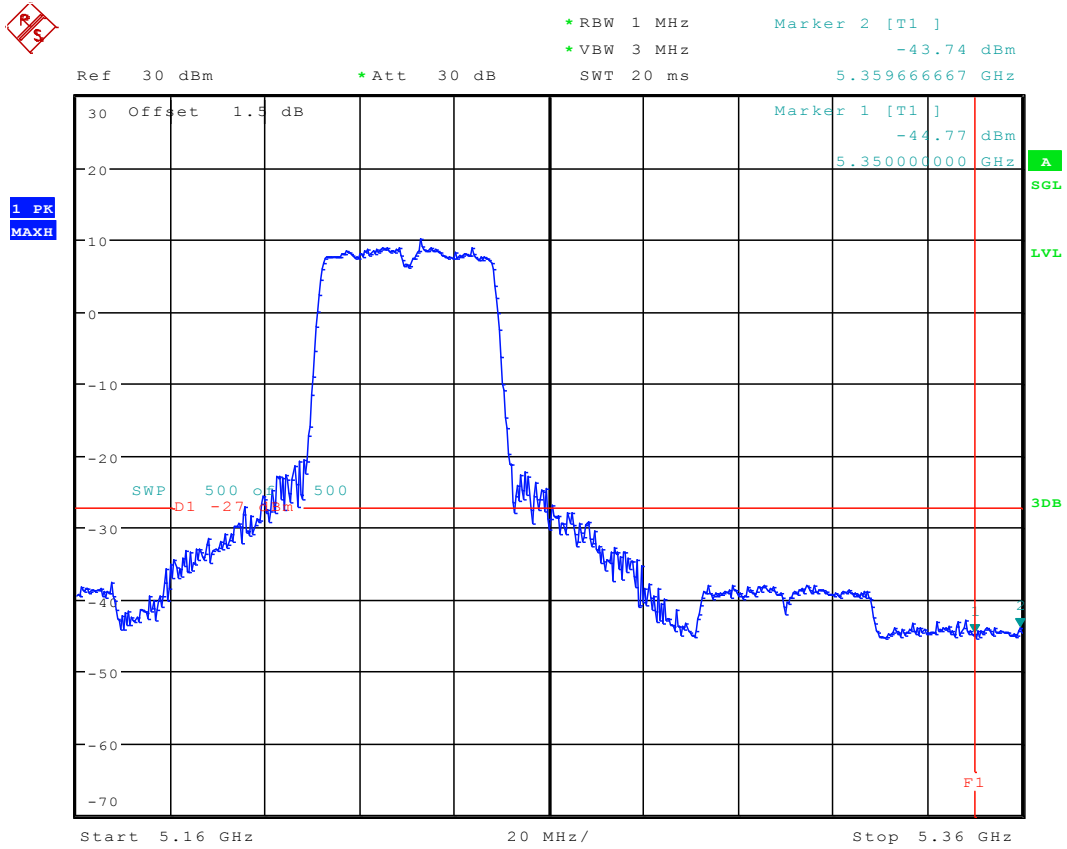
11.51 11AC40MIMO_38 ANT 3



Date: 14.FEB.2017 15:46:56

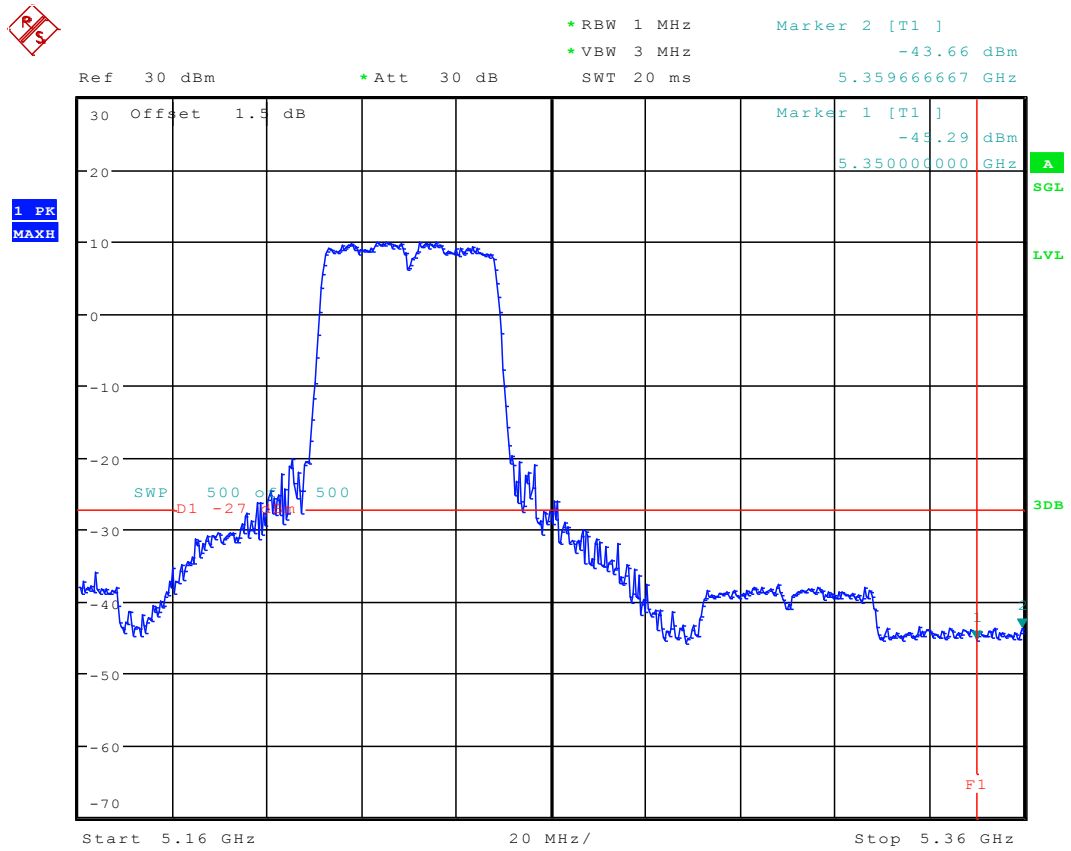


11.52 11AC40MIMO_46 ANT 1



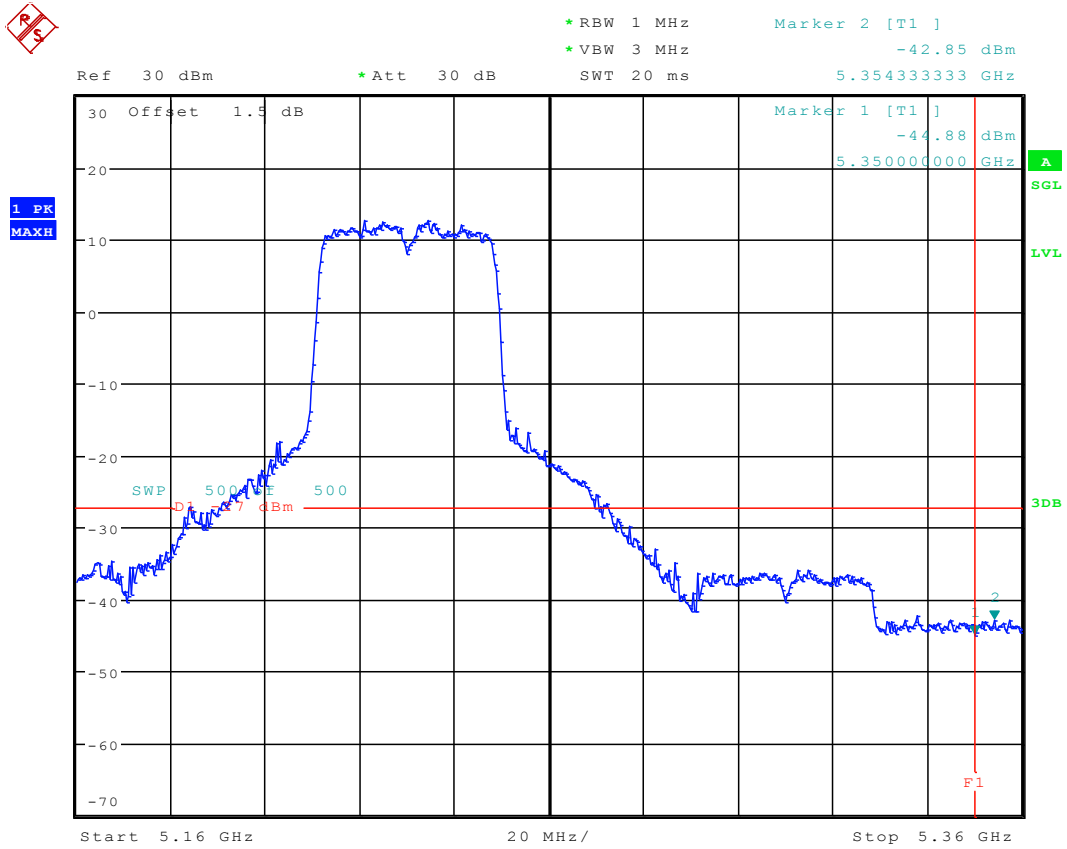
Date: 13.FEB.2017 10:12:29

11.53 11AC40MIMO_46 ANT 2



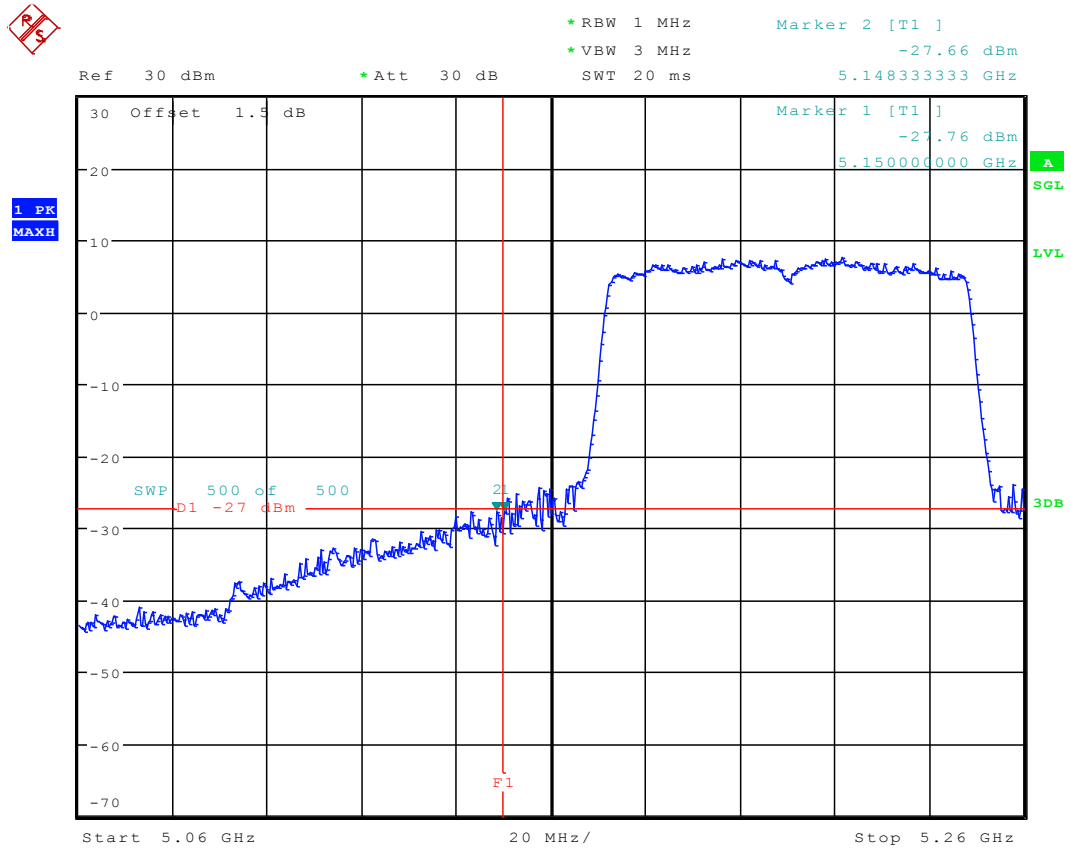
Date: 11.FEB.2017 18:07:27

11.54 11AC40MIMO_46 ANT 3



Date: 14.FEB.2017 15:55:30

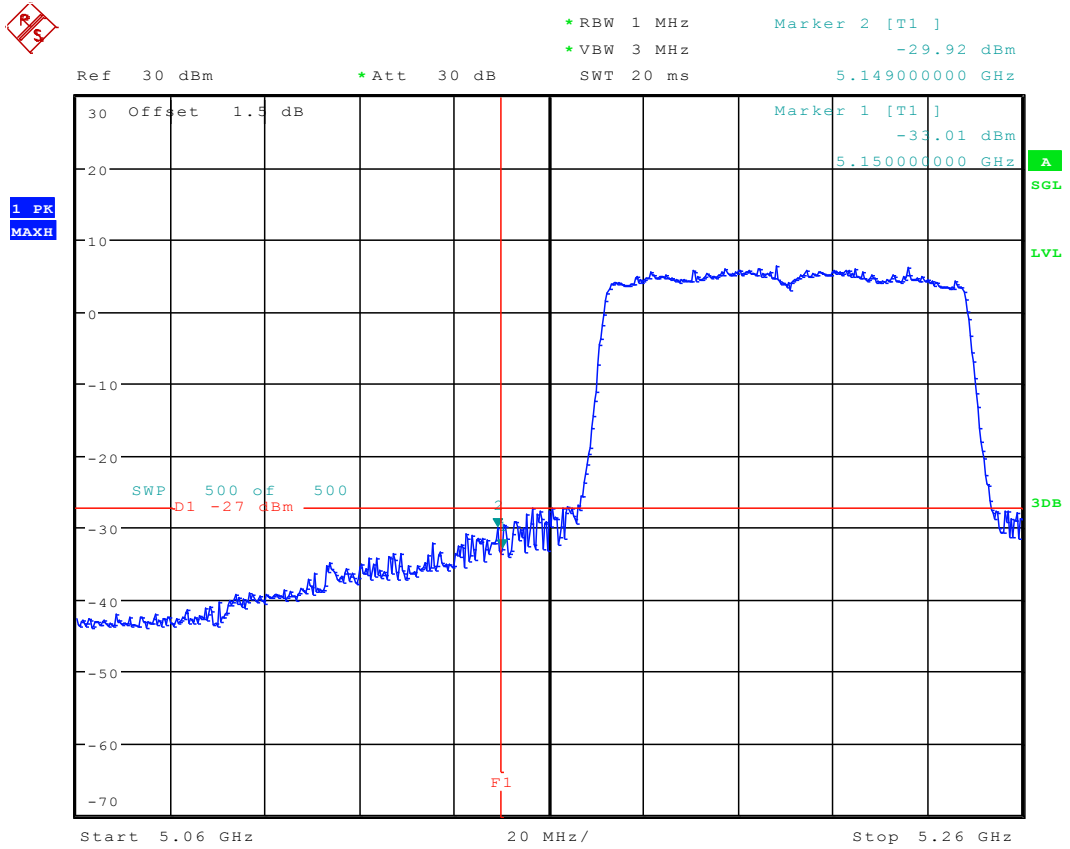
11.55 11AC80_42 ANT 1



Date: 9.FEB.2017 14:39:42



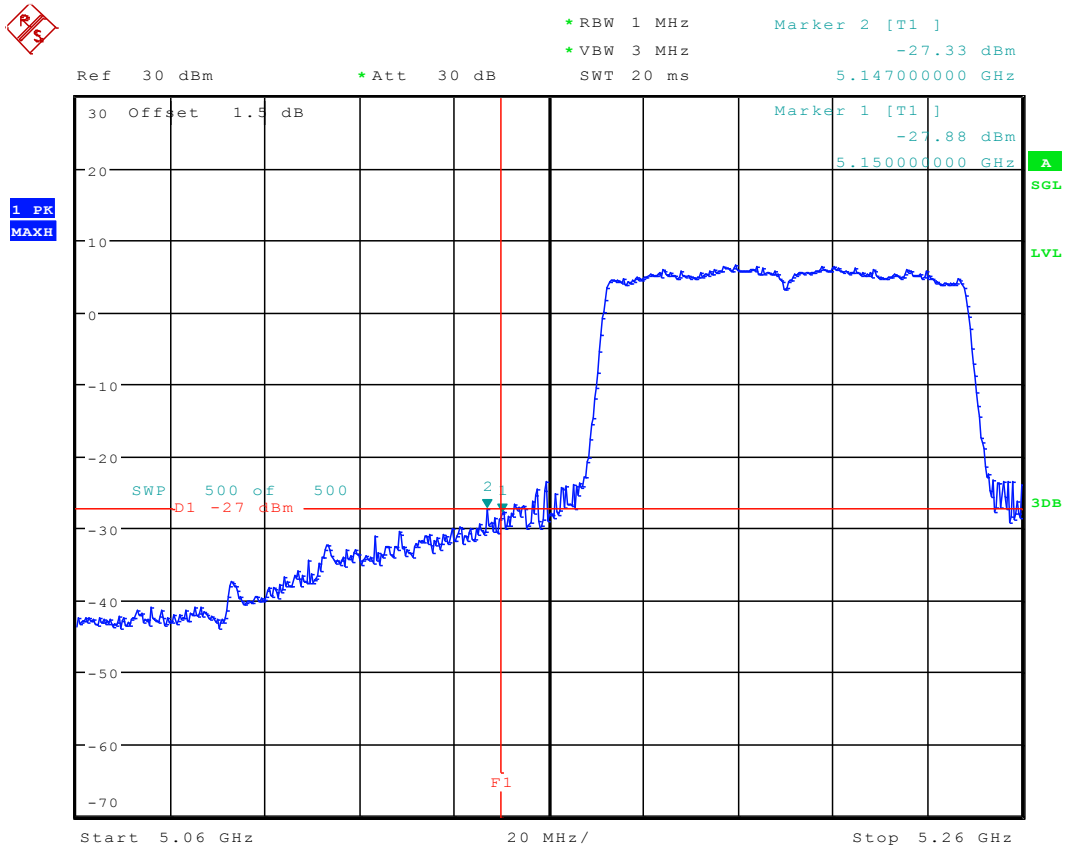
11.57 11AC80_42 ANT 3



Date: 15.FEB.2017 12:20:37



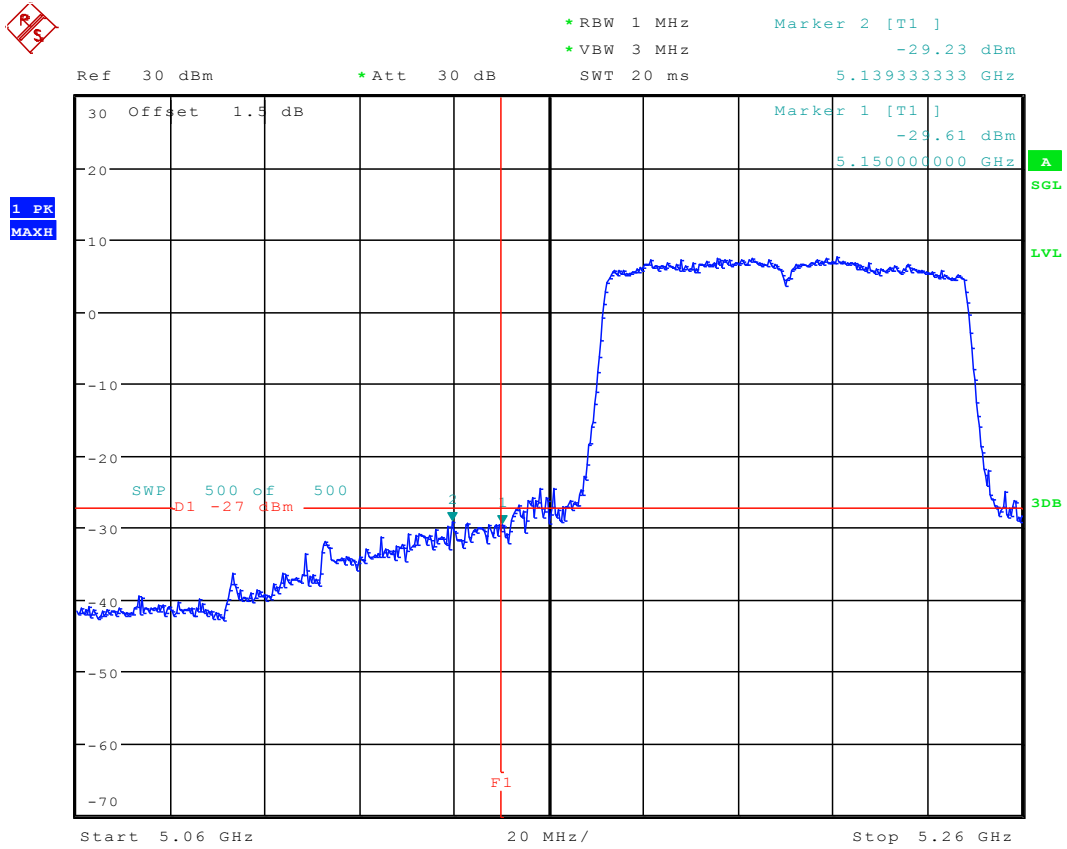
11.58 11AC80MIMO_42 ANT 1



Date: 13.FEB.2017 10:30:22



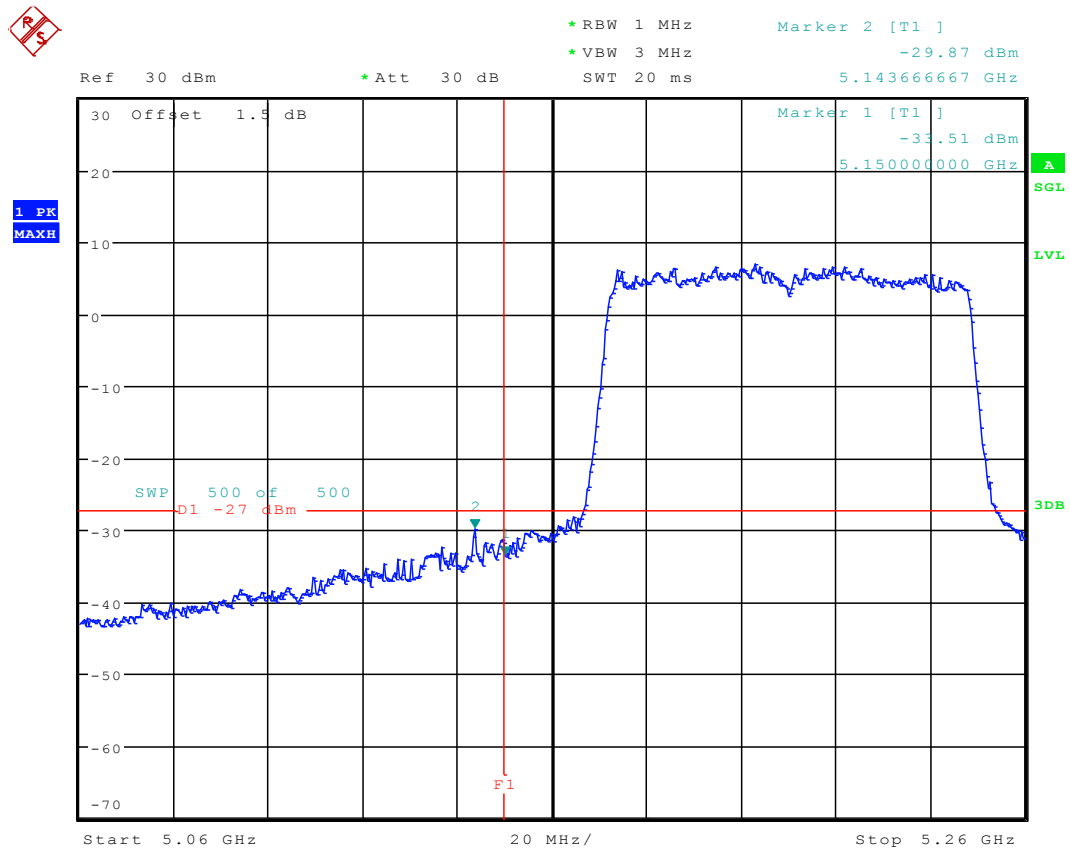
11.59 11AC80MIMO_42 ANT 2



Date: 11.FEB.2017 18:16:23



11.60 11AC80MIMO_42 ANT 3



Date: 15.FEB.2017 12:35:05

Appendix G: Frequencies Stability

Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)
	5180
V nom(V)	5180.0087
V max(V)	5180.0058
V min(V)	5180.0095
Max. Deviation Frequency	0.0095
Max. Frequency Error (ppm)	1.83

Frequency Error vs. Temperature:

Test Conditions (°C)	Measured Frequency (MHz)
	5180
-5	5180.0082
5	5180.0014
15	5180.0072
25	5180.0077
35	5180.0093
45	5180.0078
50	5180.0086
Max. Deviation Frequency	0.0093
Max. Frequency Error (ppm)	1.80

END