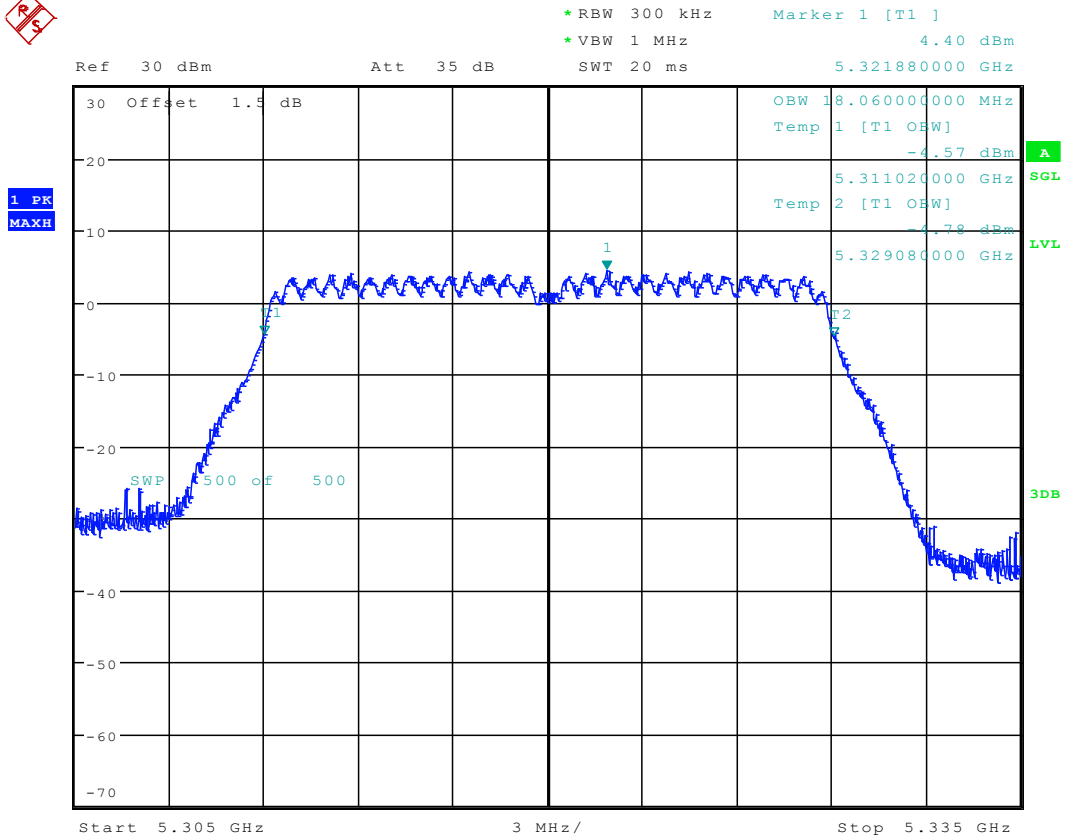


### 6.44 11N20MIMO\_64 ANT 2



Date: 15.SEP.2017 14:16:42









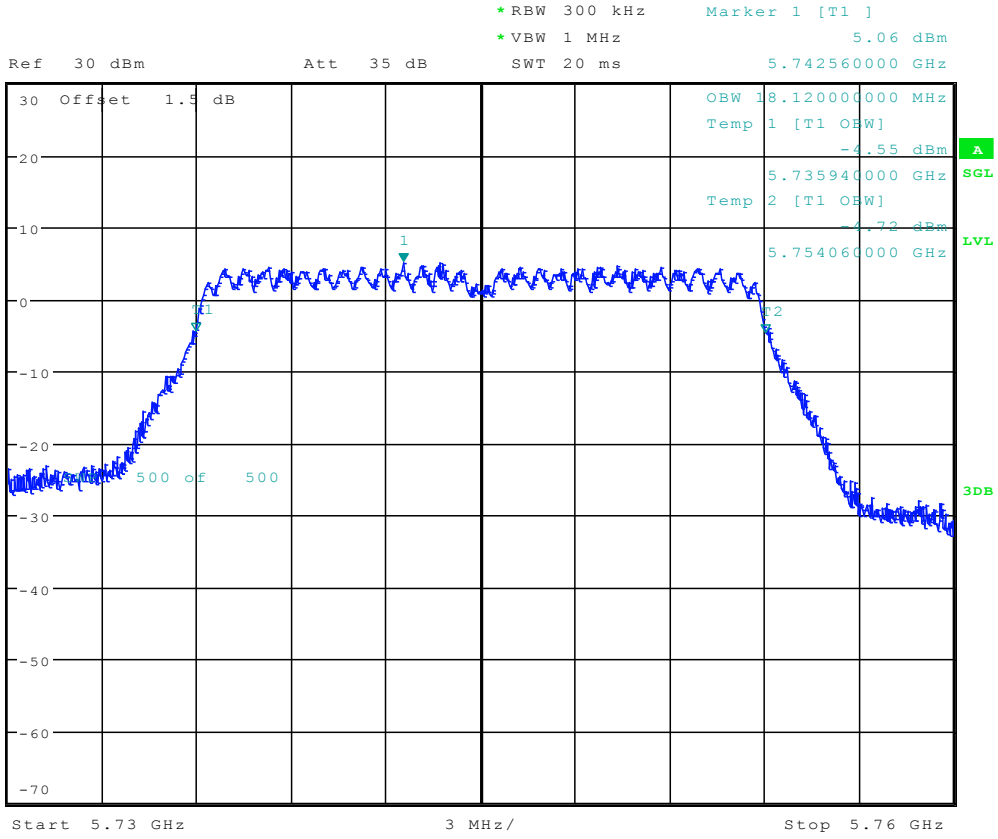








### 6.52 11N20MIMO\_149 ANT 2



Date: 15.SEP.2017 14:25:21



























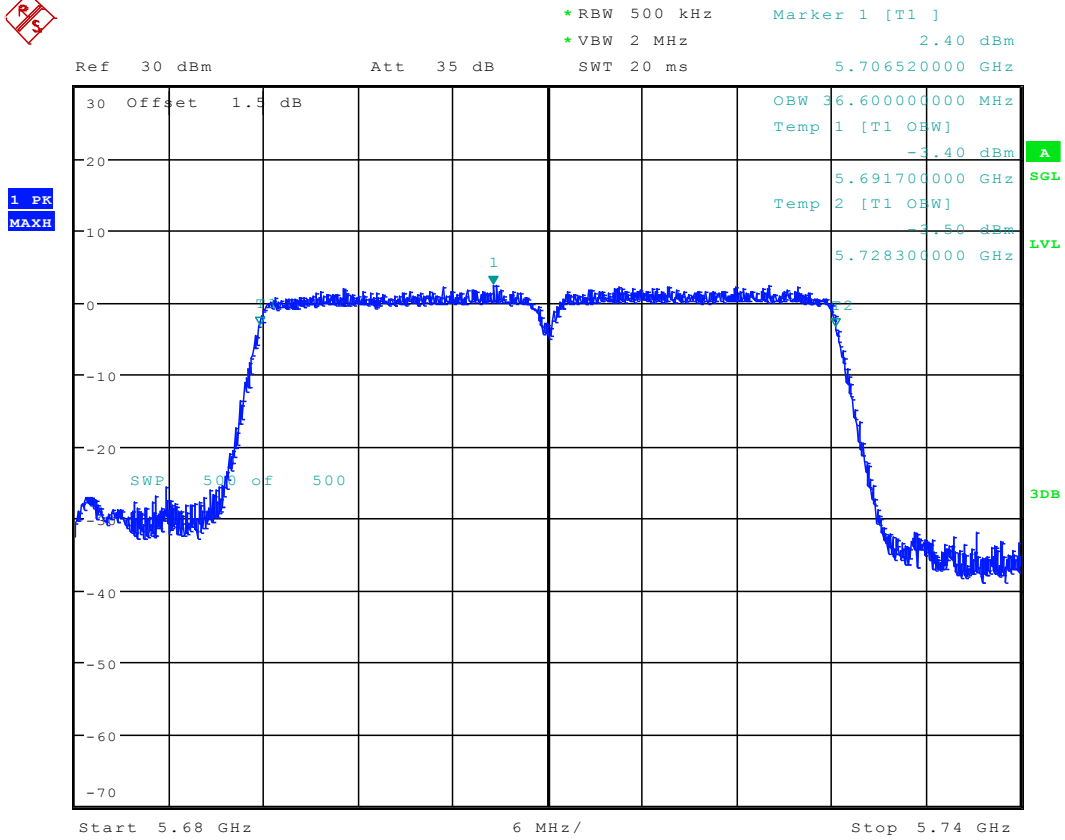








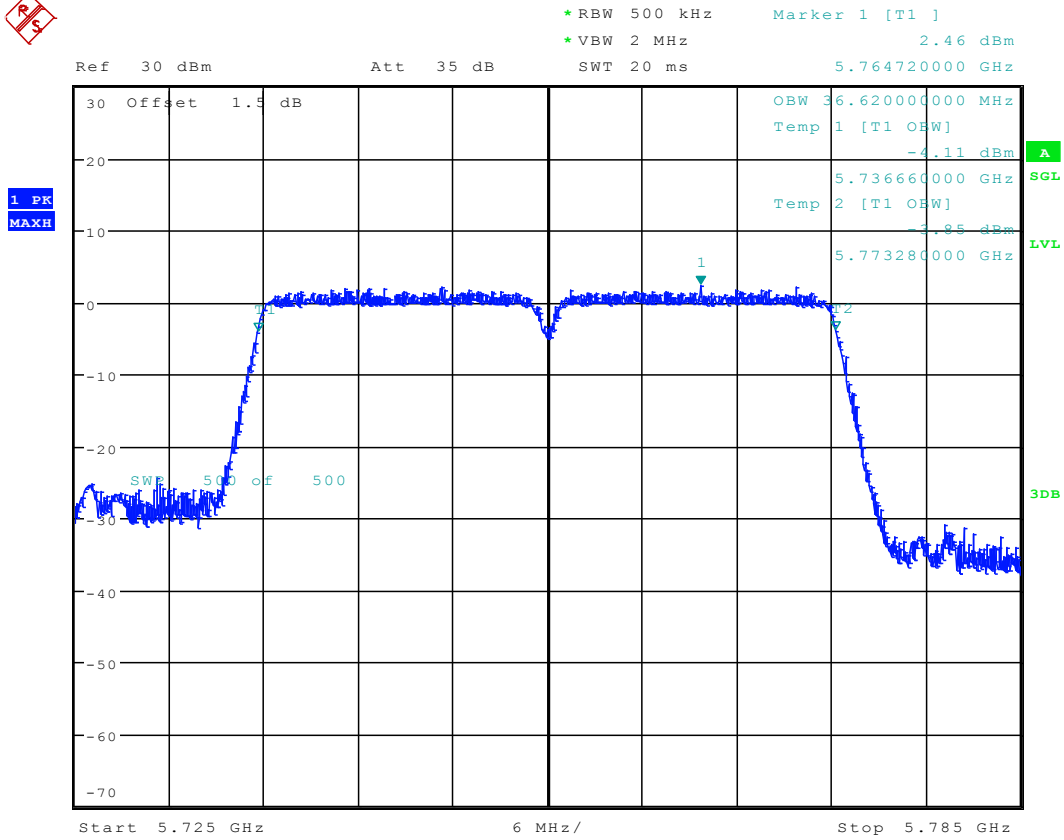
### 6.68 11N40\_142 ANT 2



Date: 18.SEP.2017 14:49:49

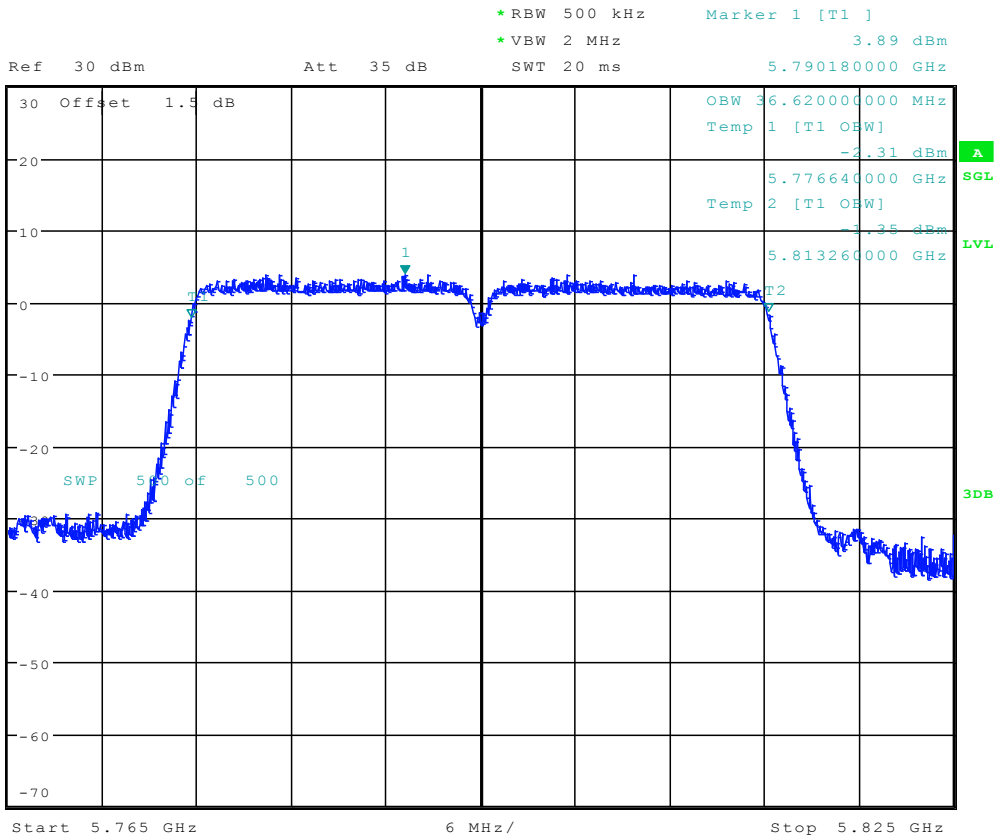


## 6.70 11N40\_151 ANT 2



Date: 12.SEP.2017 17:06:34

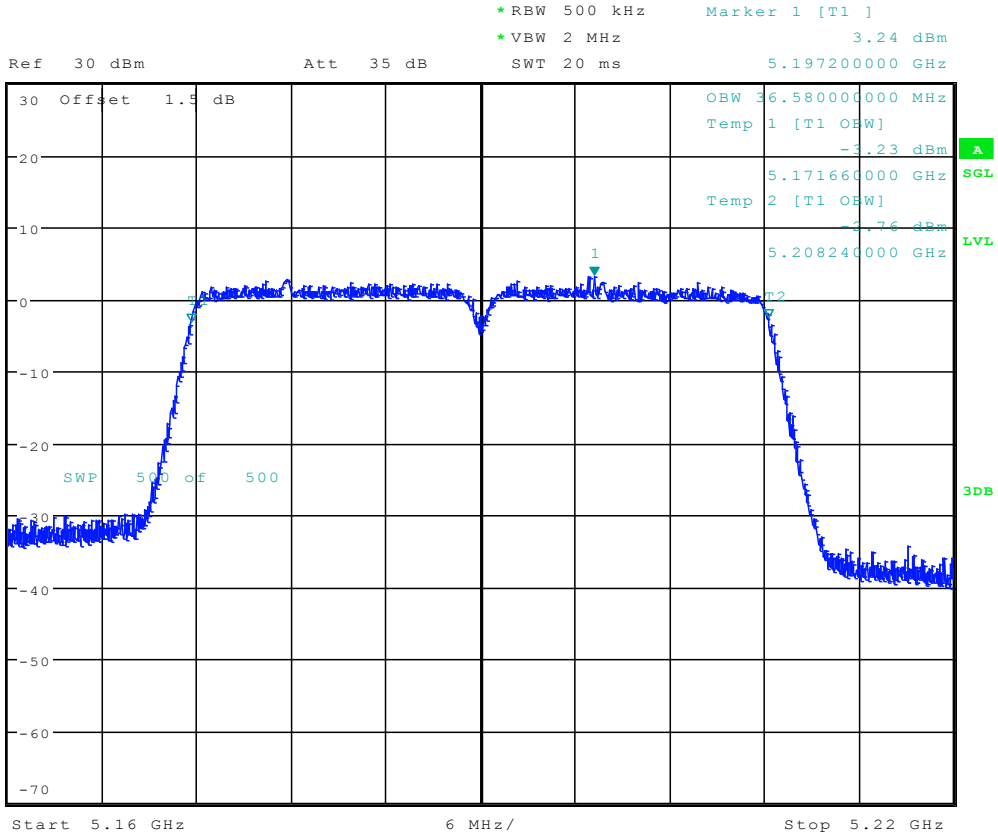
### 6.71 11N40\_159 ANT 1



Date: 11.SEP.2017 18:23:46



### 6.73 11N40MIMO\_38 ANT 1



Date: 13.SEP.2017 15:59:44



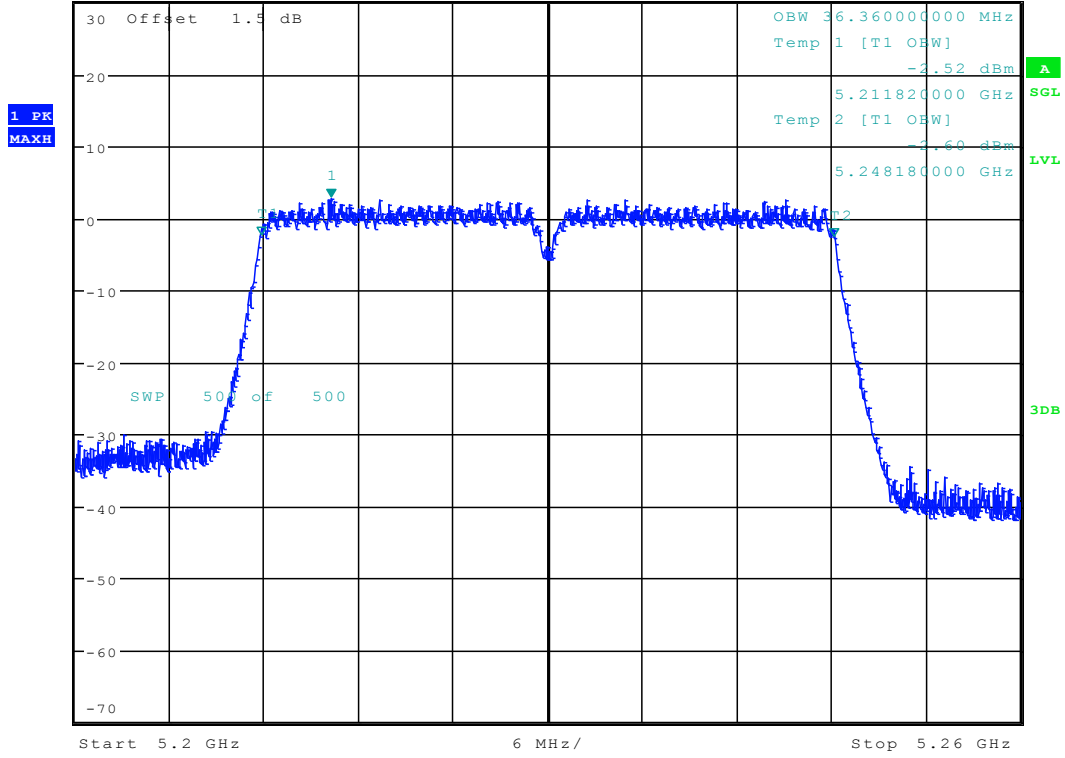




6.76 11N40MIMO\_46 ANT 2



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      2.84 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.216240000 GHz

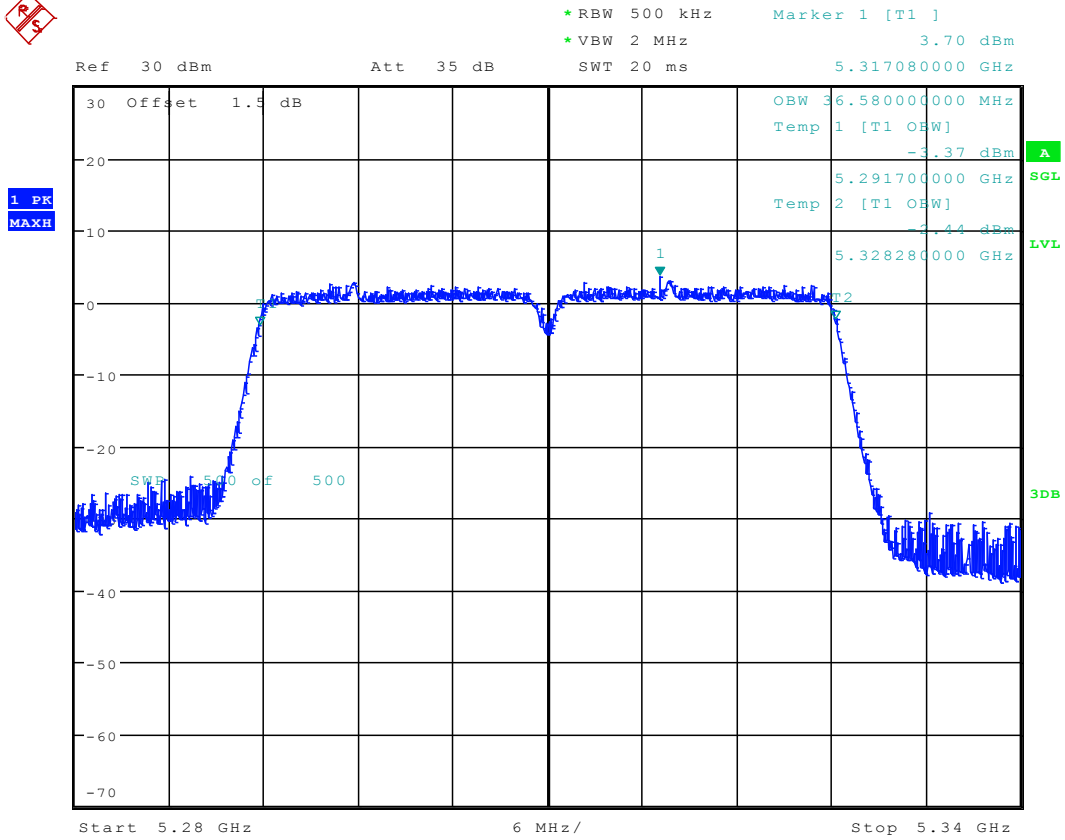


Date: 15.SEP.2017 16:15:11





### 6.79 11N40MIMO\_62 ANT 1



Date: 13.SEP.2017 16:10:07



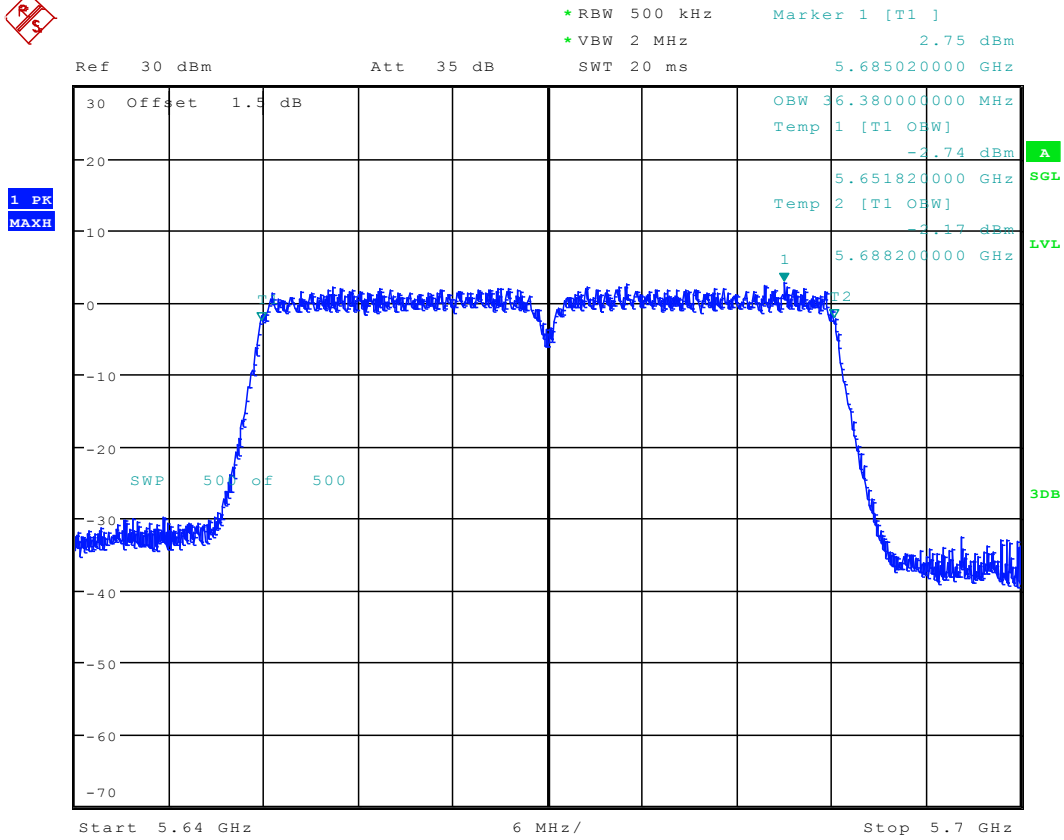








### 6.84 11N40MIMO\_134 ANT 2

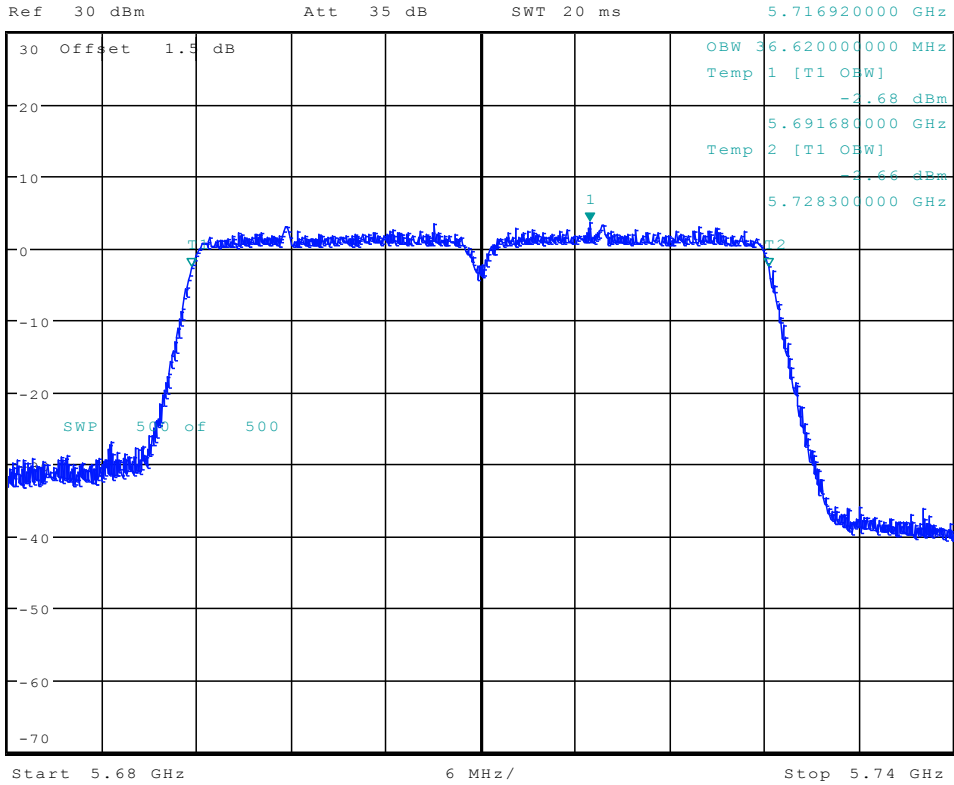


Date: 15.SEP.2017 16:28:42

### 6.85 11N40MIMO\_142 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      3.74 dBm  
 SWT 20 ms      5.716920000 GHz



Date: 18.SEP.2017 15:09:22







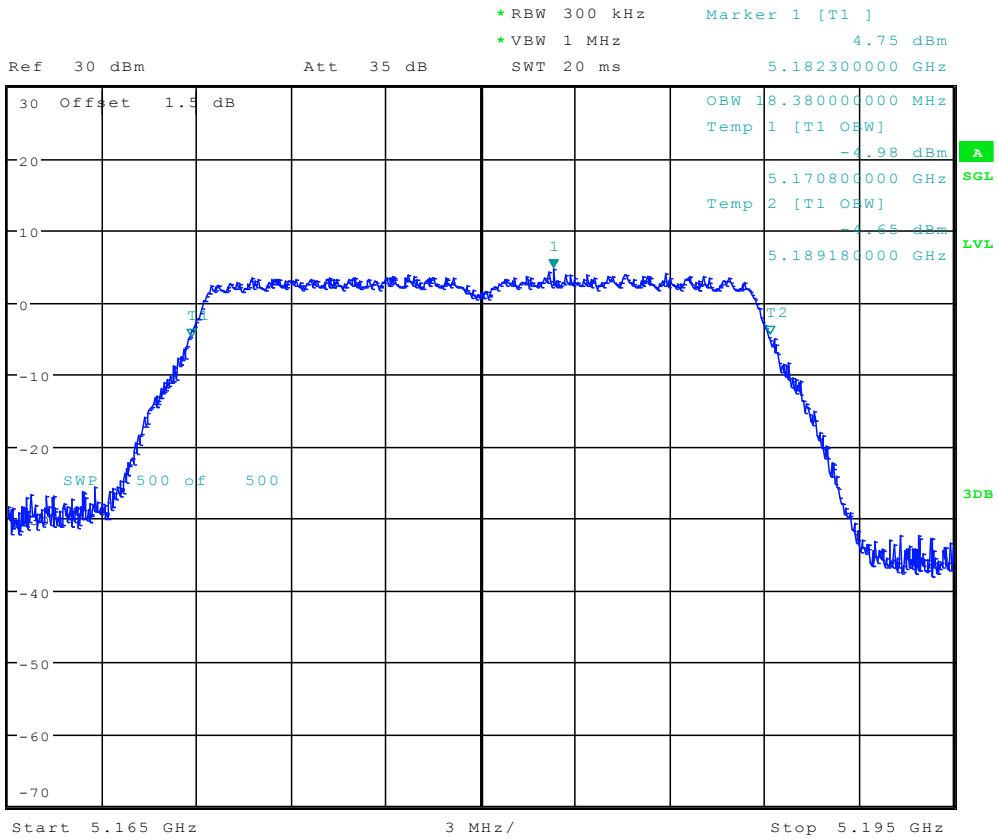








### 6.92 11AC20\_36 ANT 2



Date: 12.SEP.2017 15:48:29































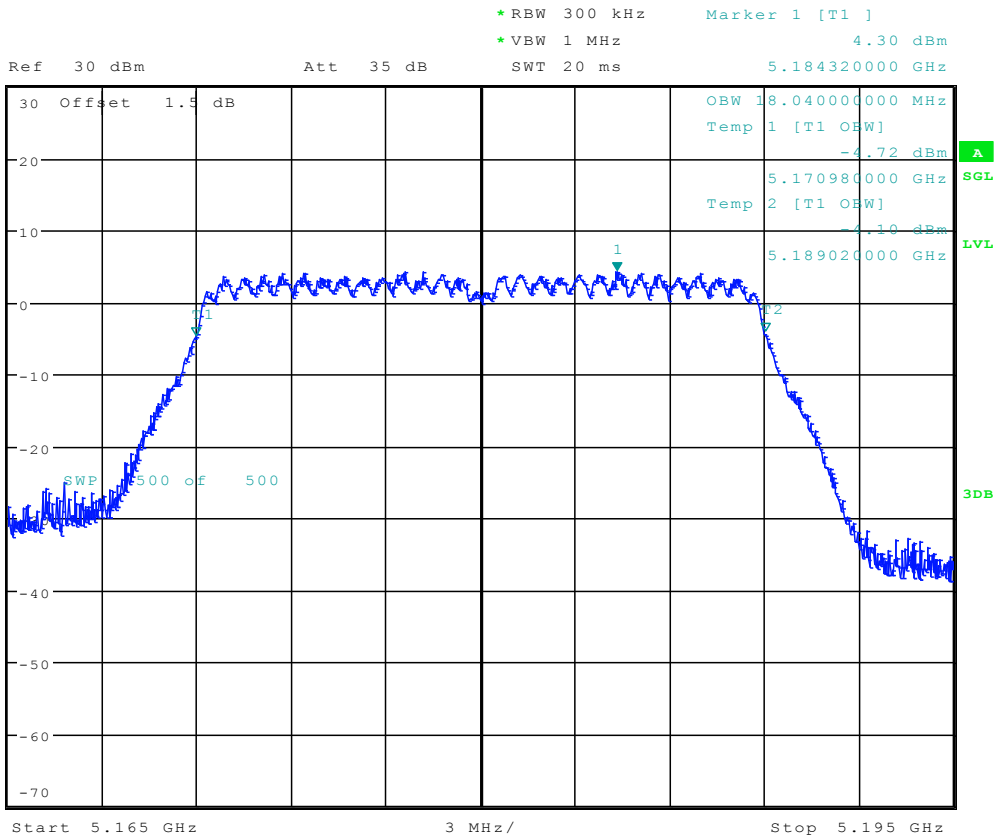








### 6.110 11AC20MIMO\_36 ANT 2



Date: 15.SEP.2017 14:35:02













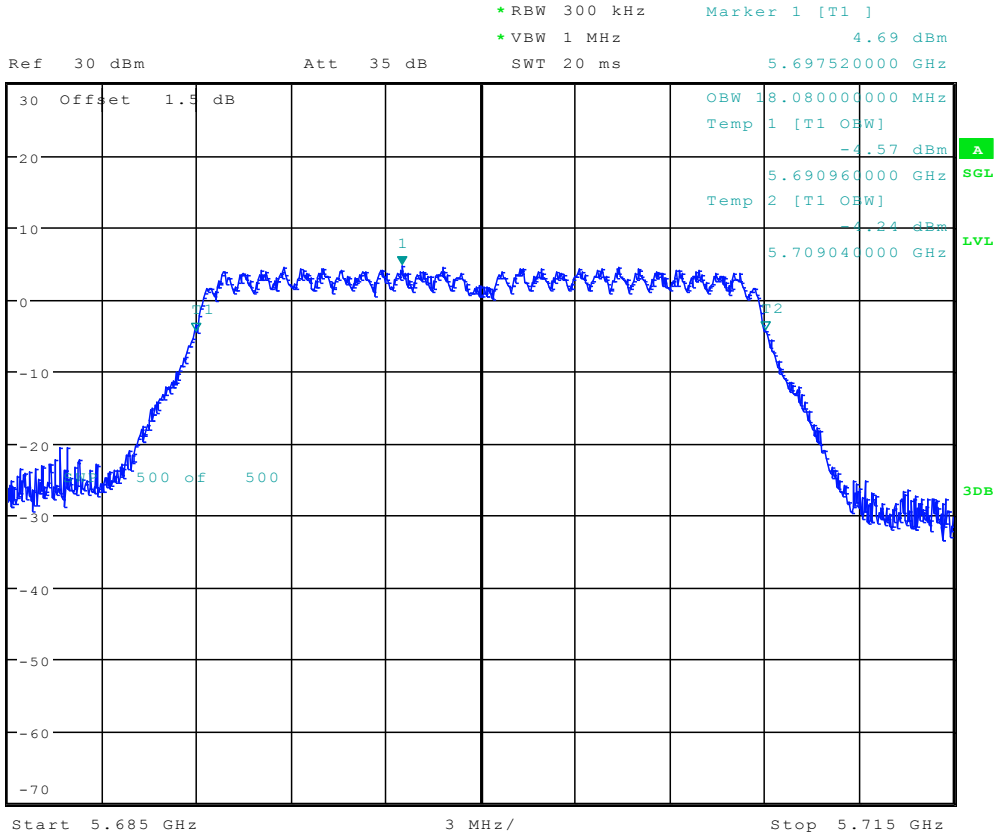








### 6.120 11AC20MIMO\_140 ANT 2



Date: 15.SEP.2017 14:50:54

### 6.121 11AC20MIMO\_144 ANT 1

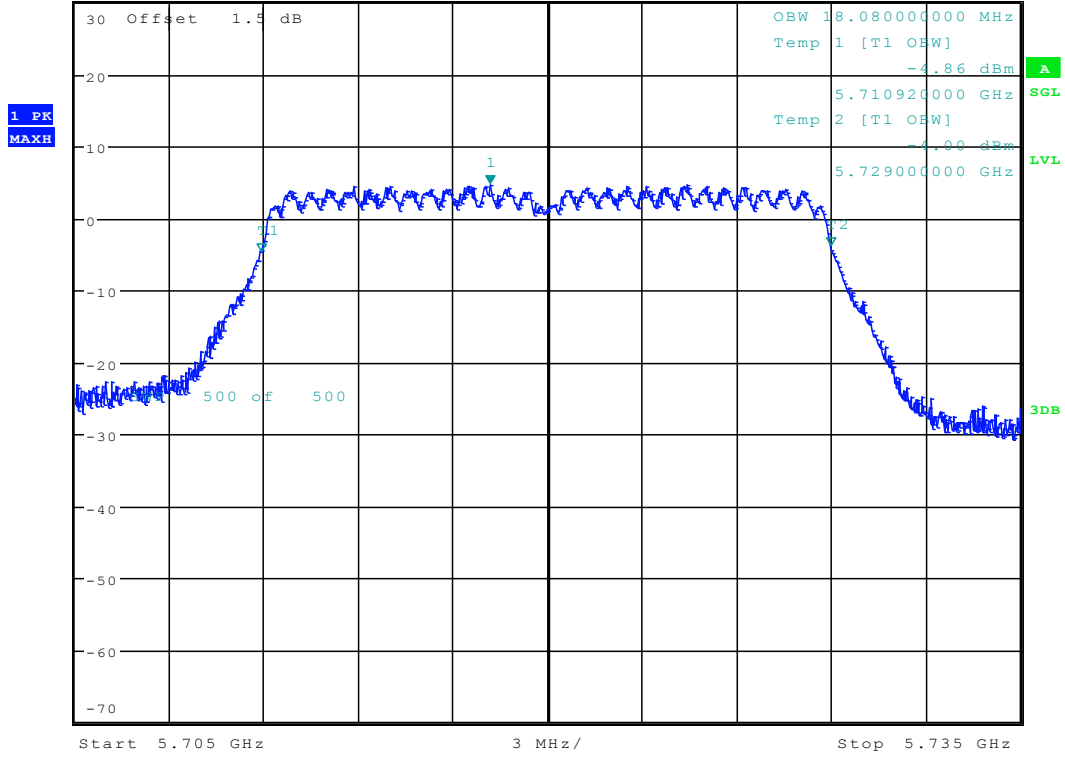




### 6.122 11AC20MIMO\_144 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.78 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.718160000 GHz



Date: 18.SEP.2017 15:21:39



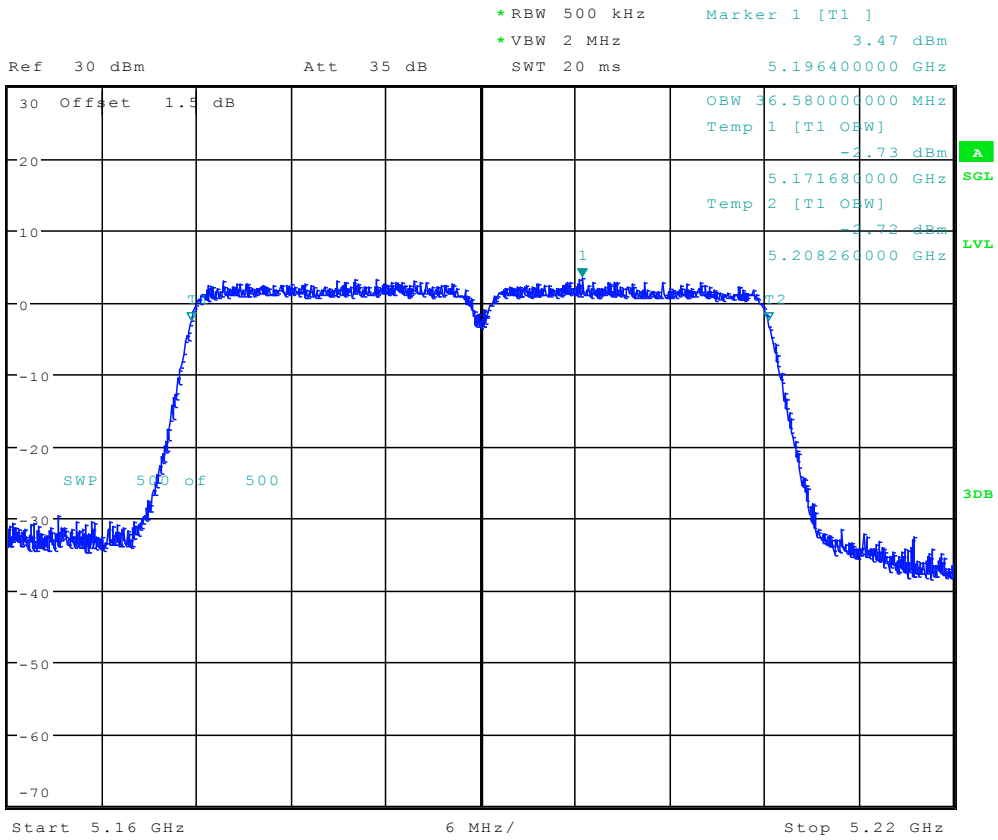








6.127 11AC40\_38 ANT 1



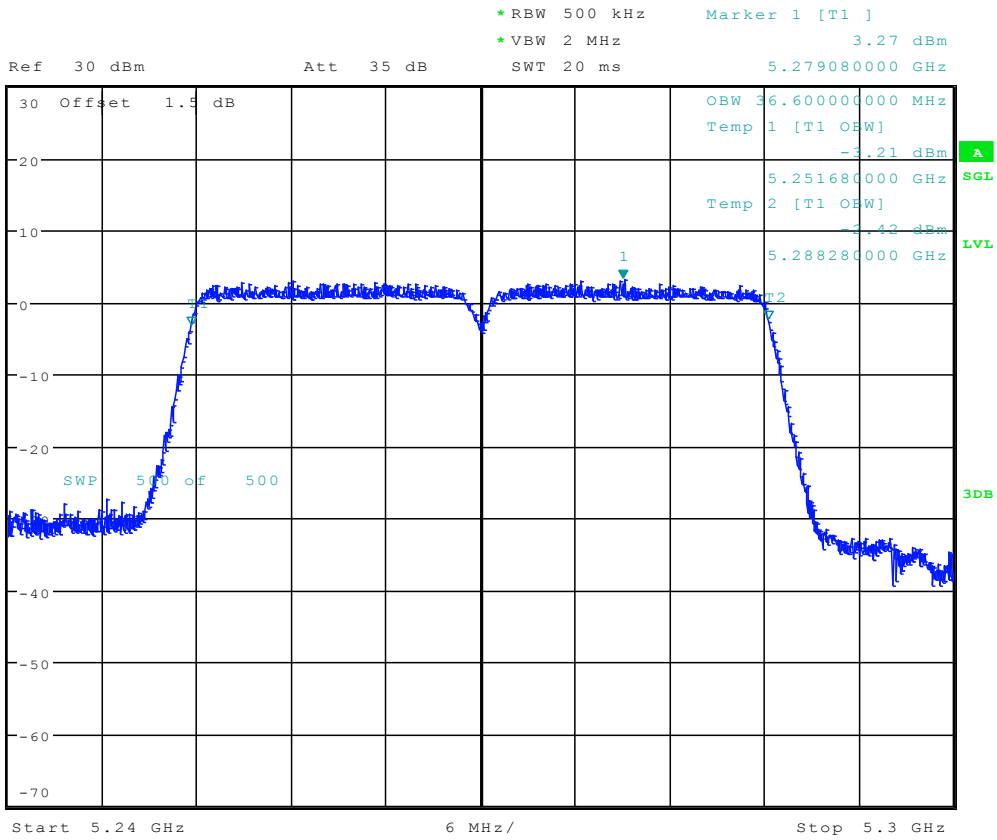
Date: 12.SEP.2017 09:18:27







6.131 11AC40\_54 ANT 1



Date: 12.SEP.2017 09:29:27















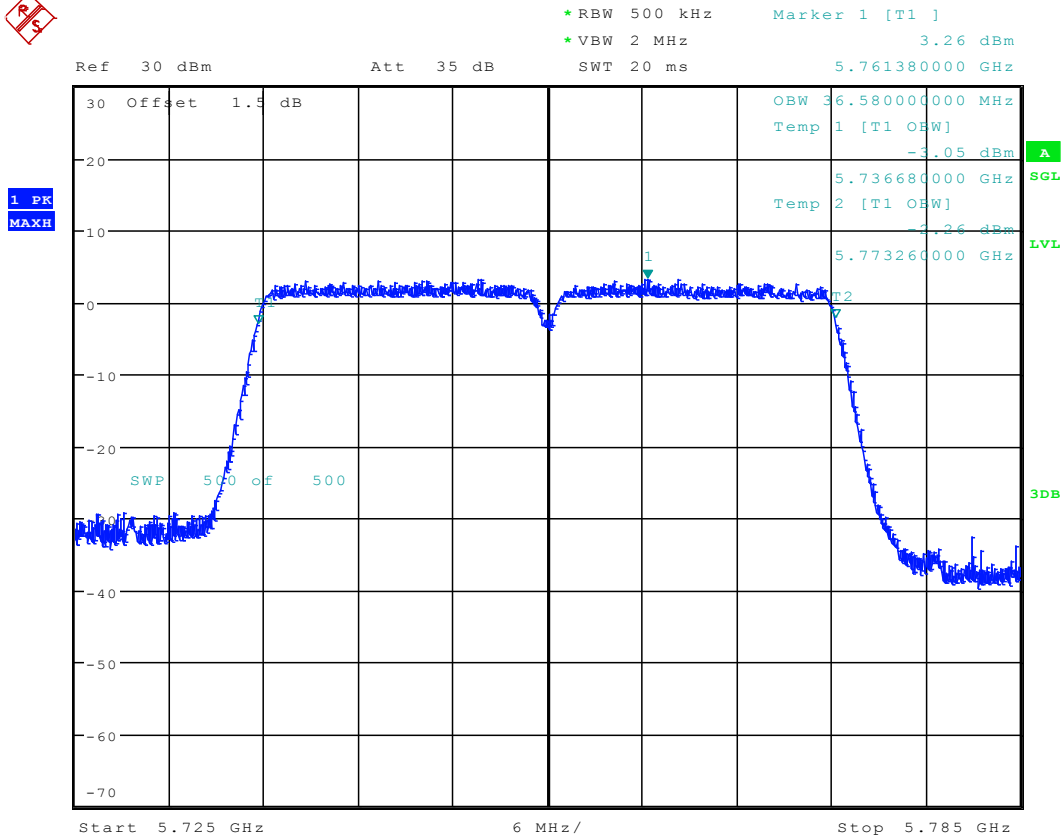








## 6.141 11AC40\_151 ANT 1

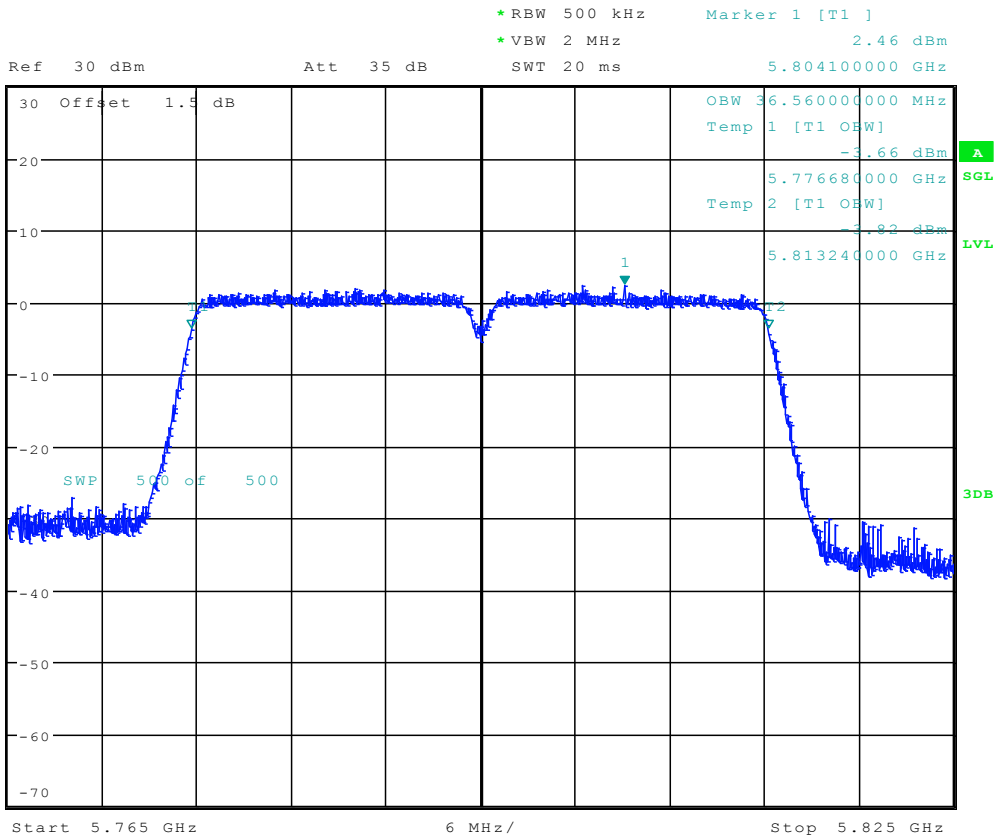


Date: 12.SEP.2017 09:58:20





6.144 11AC40\_159 ANT 2



Date: 12.SEP.2017 17:38:43

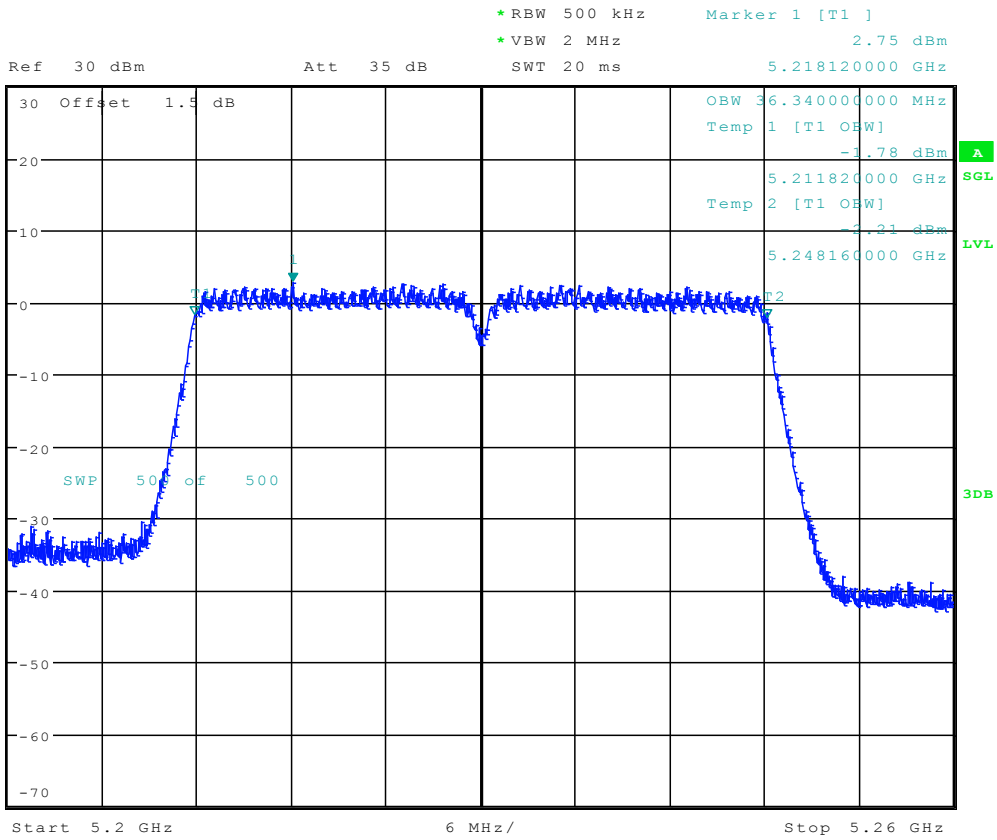








6.148 11AC40MIMO\_46 ANT 2



Date: 15.SEP.2017 16:45:30

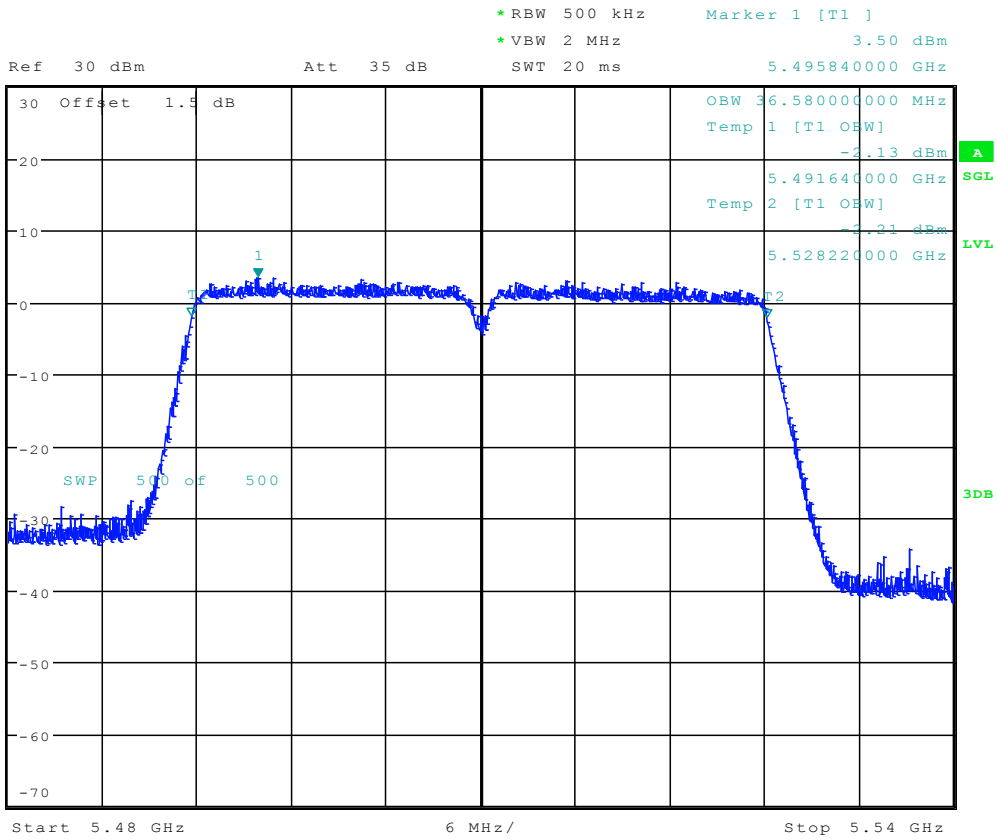








### 6.153 11AC40MIMO\_102 ANT 1



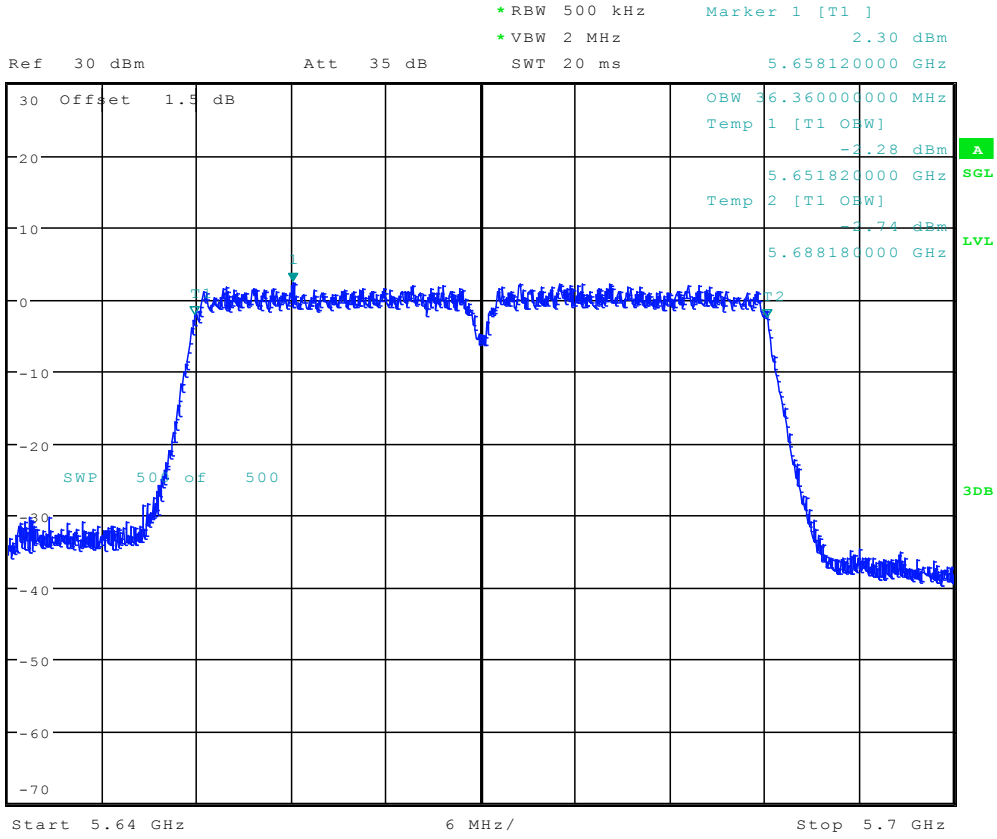
Date: 13.SEP.2017 17:26:10







**6.156 11AC40MIMO\_134 ANT 2**

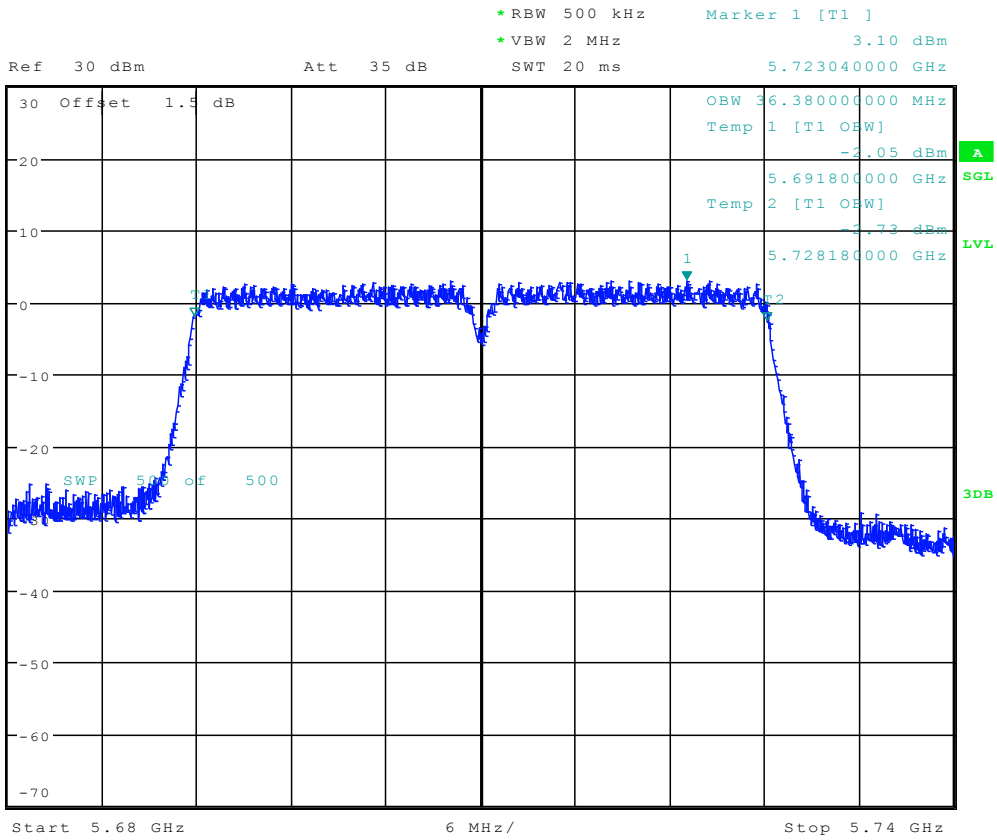


Date: 15.SEP.2017 16:59:00

**6.157 11AC40MIMO\_142 ANT 1**



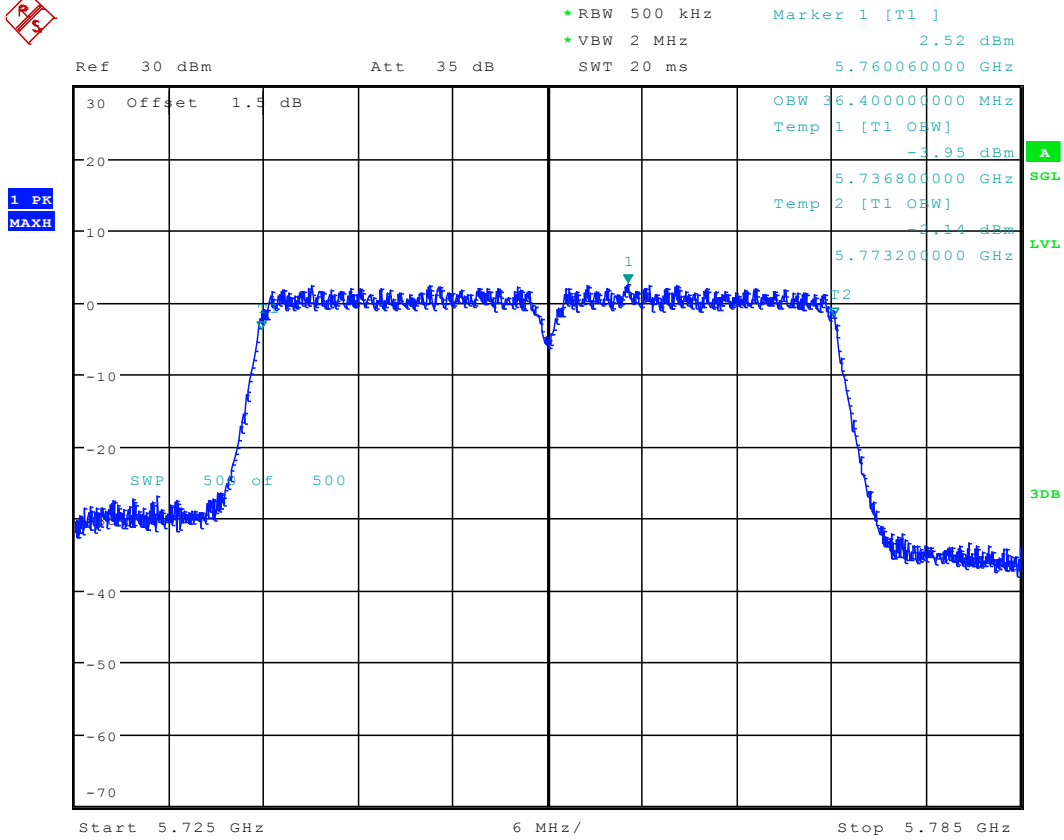
### 6.158 11AC40MIMO\_142 ANT 2



Date: 18.SEP.2017 15:28:56



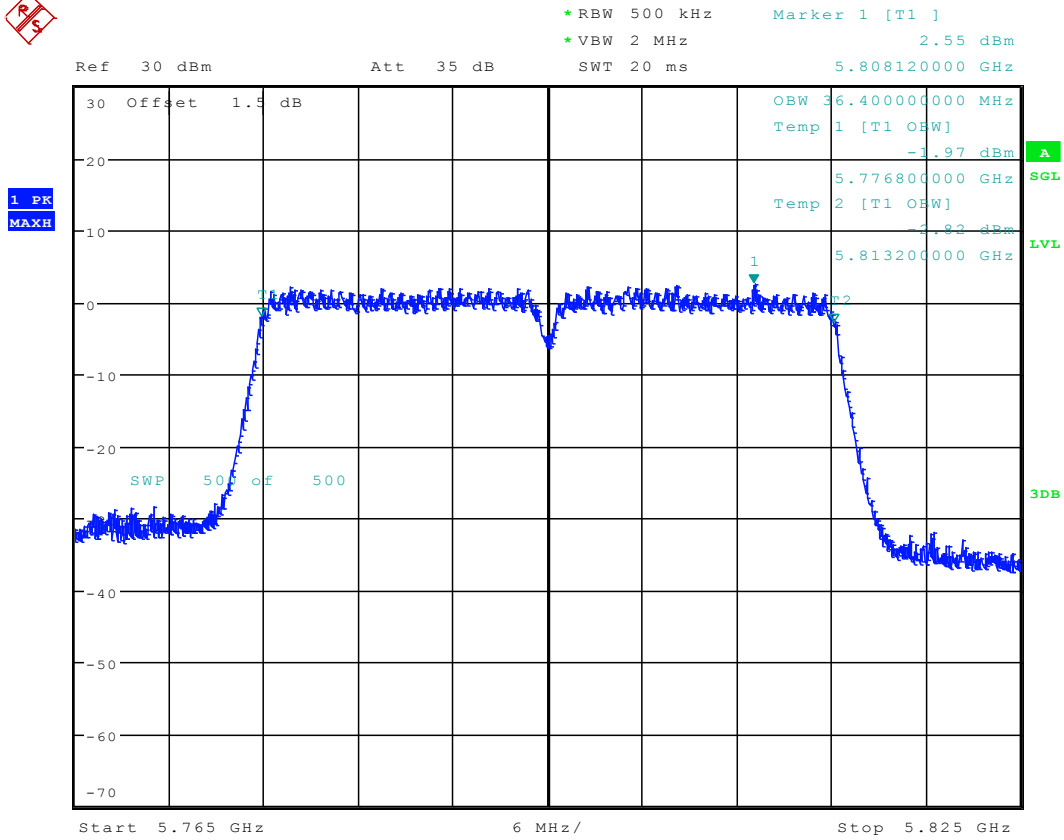
## 6.160 11AC40MIMO\_151 ANT 2



Date: 15.SEP.2017 17:02:02



## 6.162 11AC40MIMO\_159 ANT 2



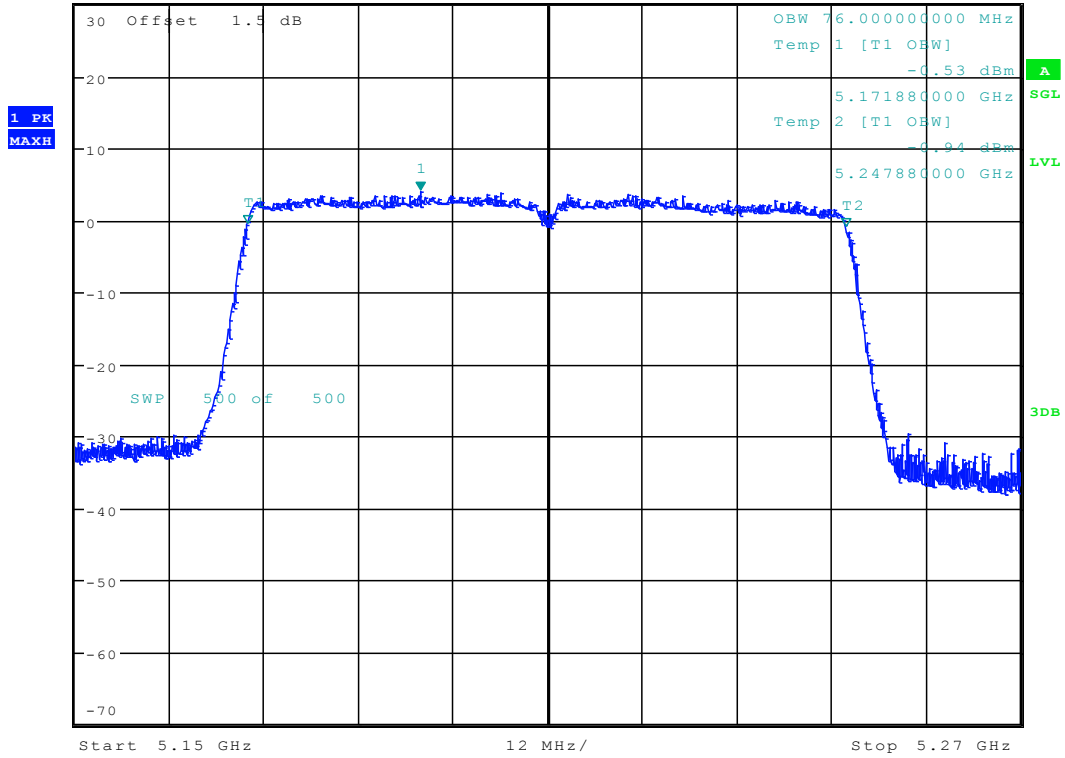
Date: 15.SEP.2017 17:05:11



### 6.163 11AC80\_42 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      4.00 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.193880000 GHz

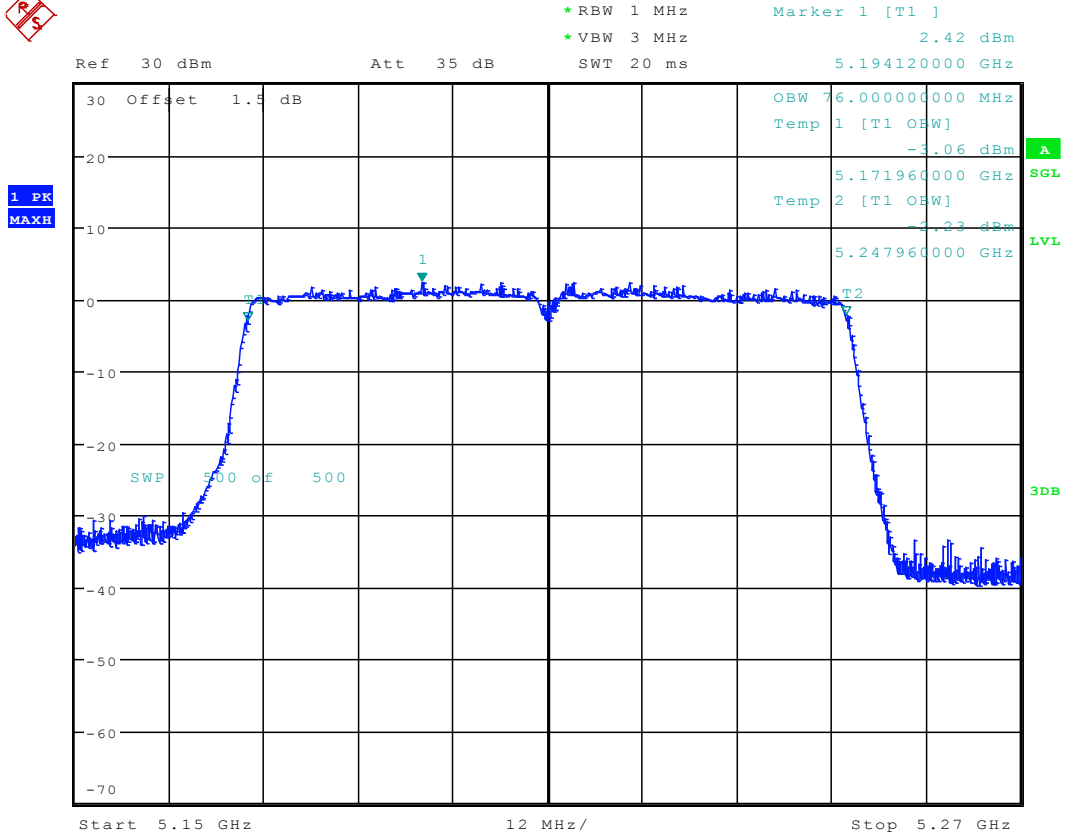


Date: 12.SEP.2017 10:38:02



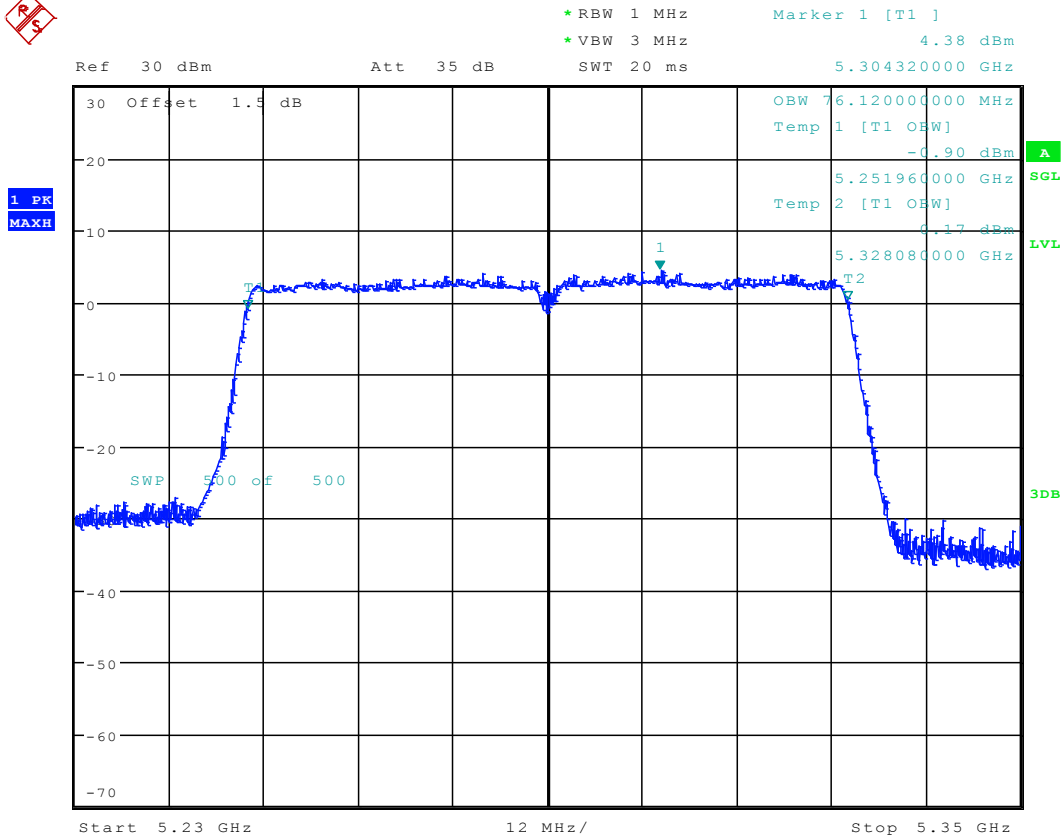


### 6.164 11AC80\_42 ANT 2



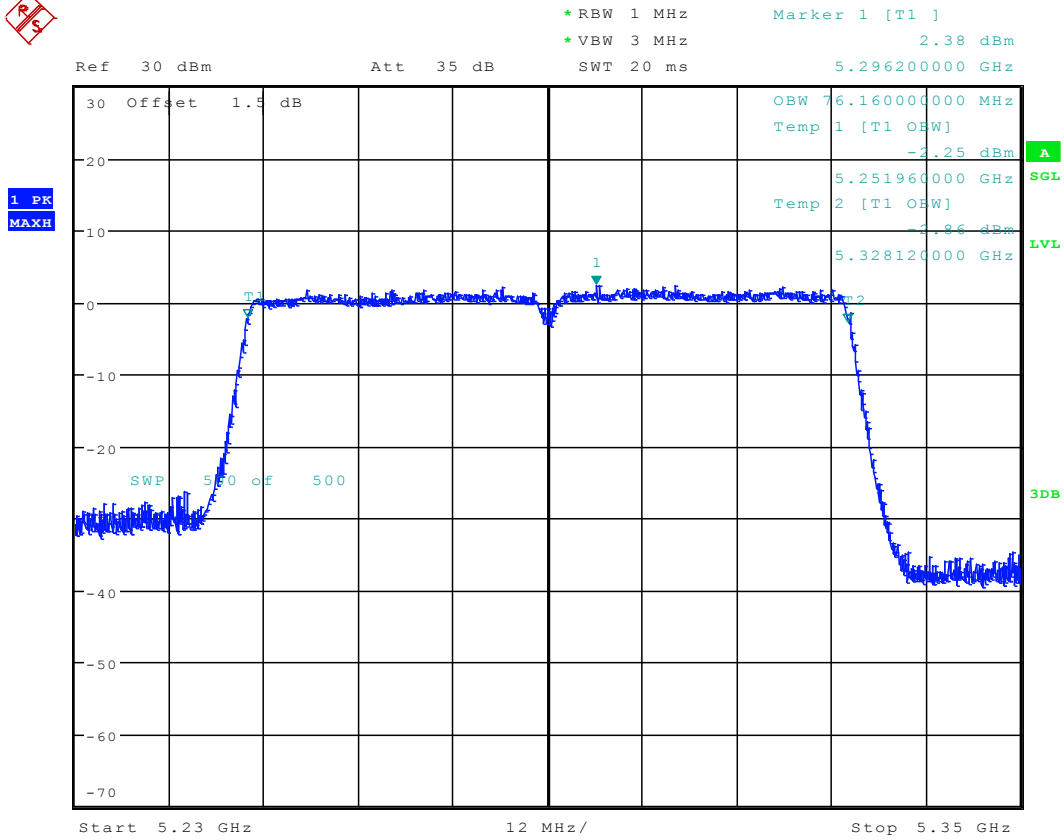
Date: 12.SEP.2017 13:53:55

## 6.165 11AC80\_58 ANT 1



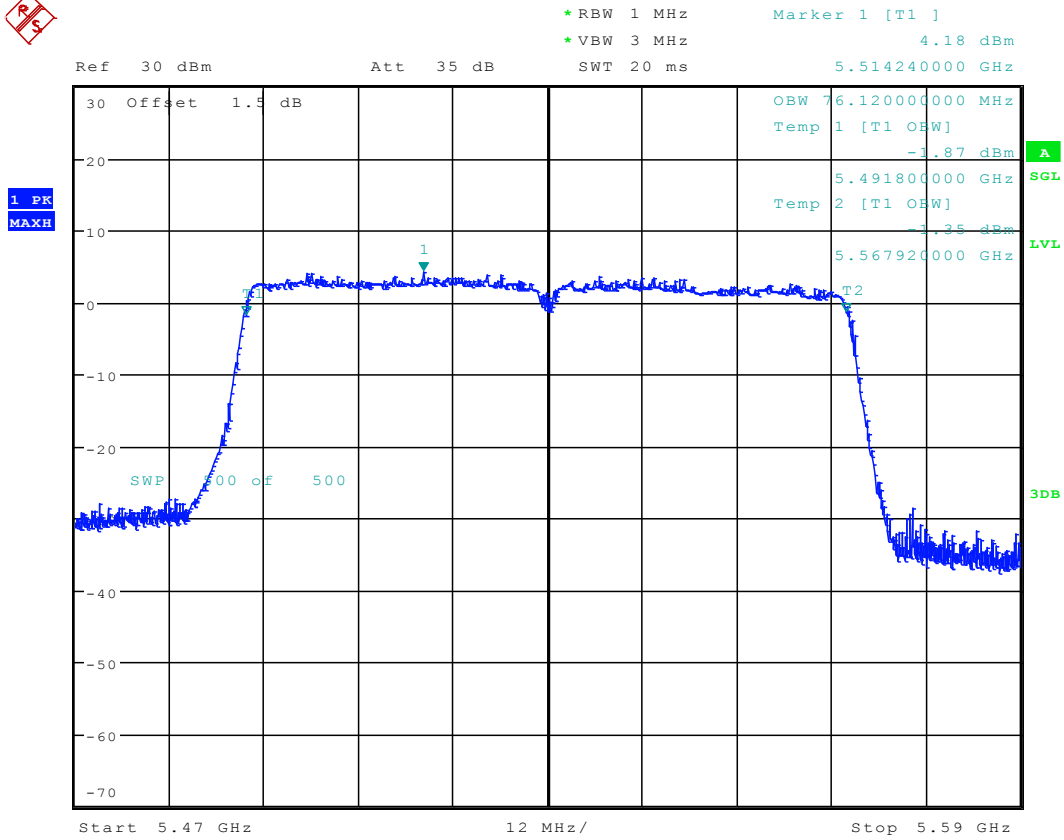
Date: 12.SEP.2017 10:43:19

## 6.166 11AC80\_58 ANT 2



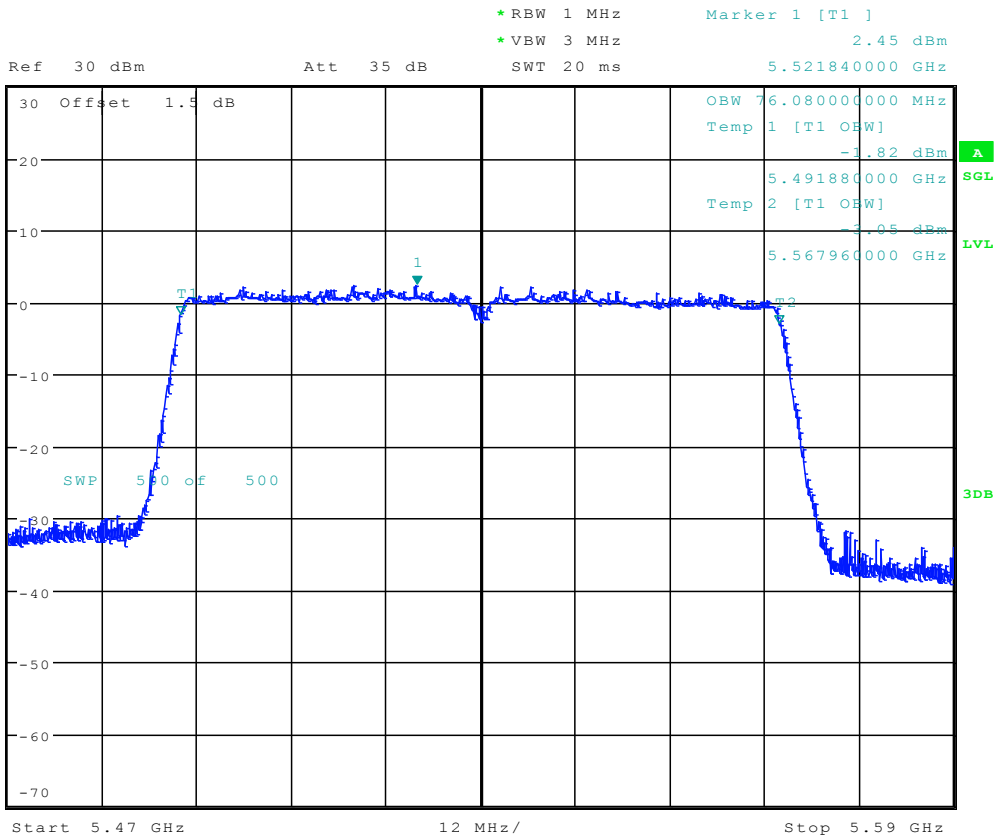
Date: 12.SEP.2017 14:01:29

## 6.167 11AC80\_106 ANT 1



Date: 12.SEP.2017 10:47:28

**6.168 11AC80\_106 ANT 2**

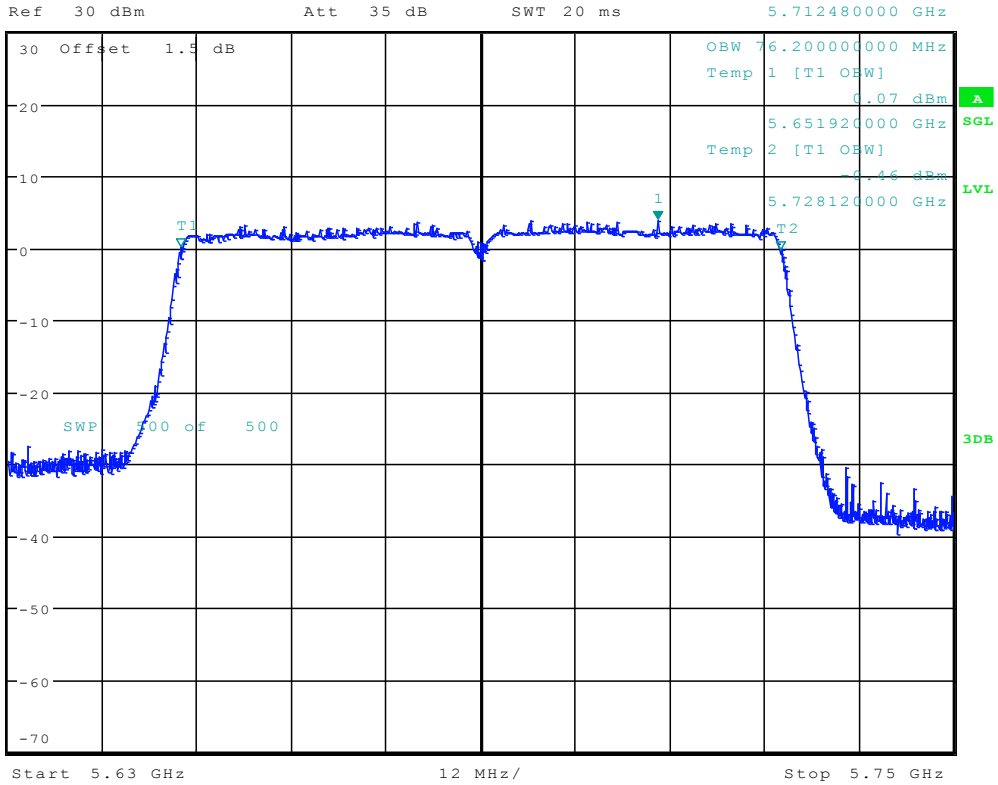


Date: 12.SEP.2017 14:04:35

**6.169 11AC80\_138 ANT 1**

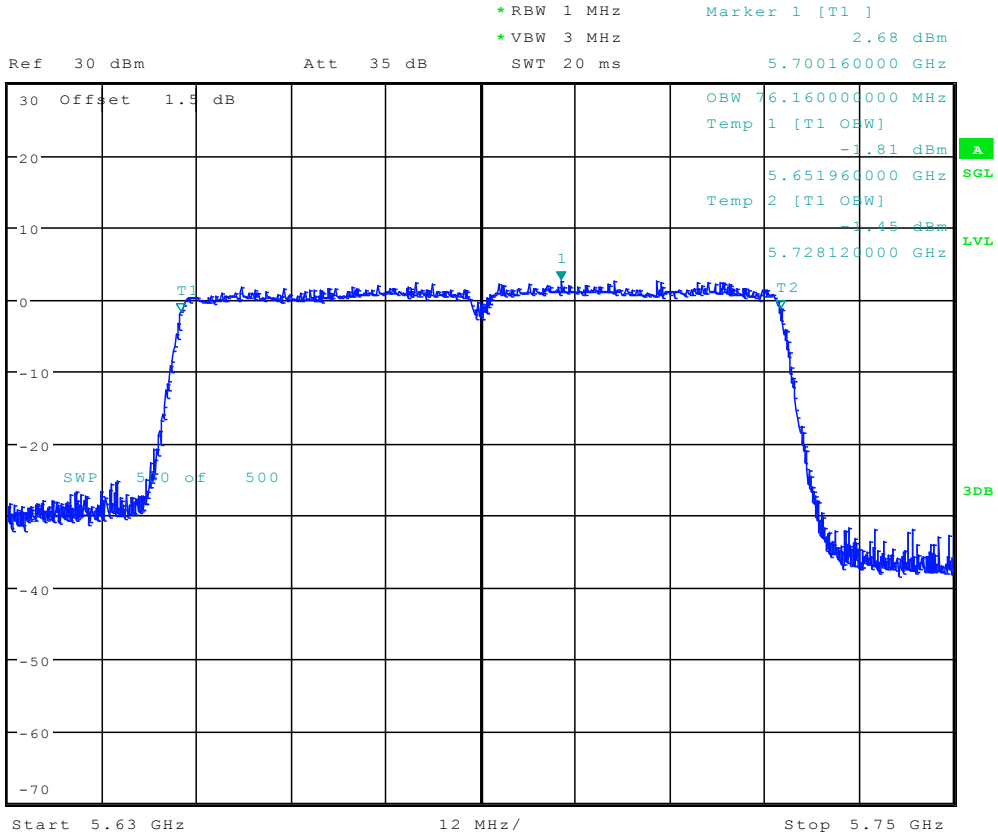


\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      3.94 dBm  
 SWT 20 ms      5.712480000 GHz



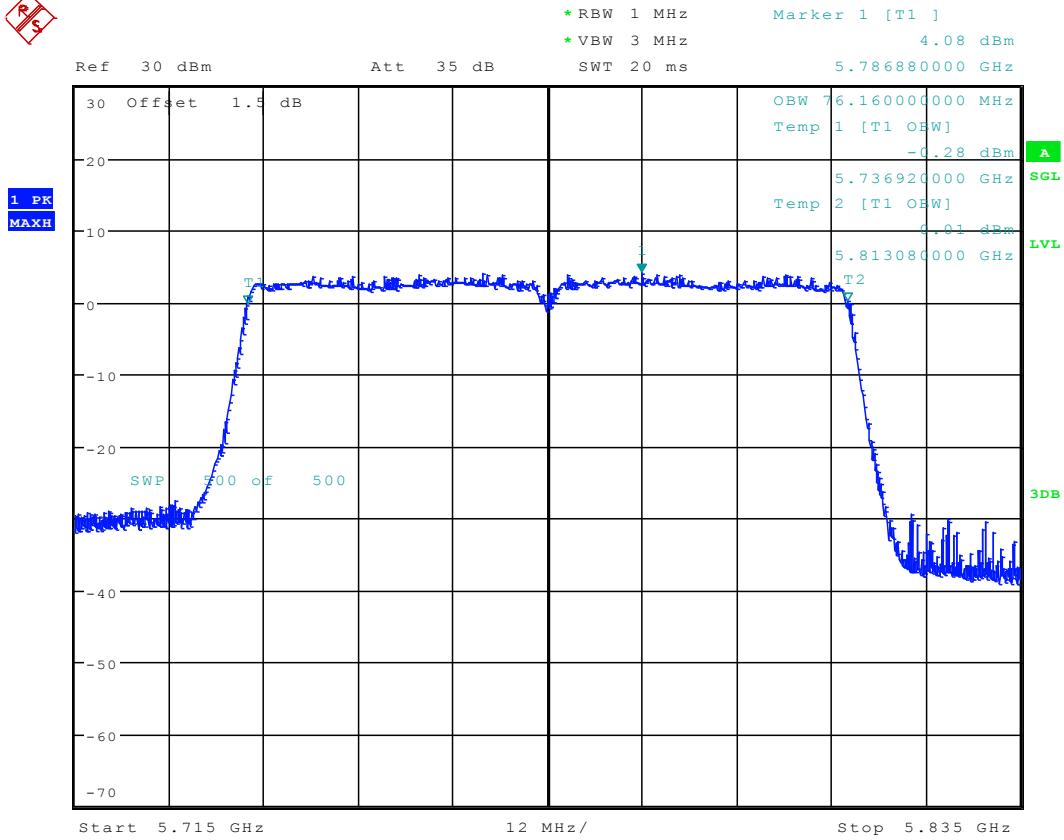
Date: 18.SEP.2017 14:31:46

6.170 11AC80\_138 ANT 2



Date: 18.SEP.2017 14:35:58

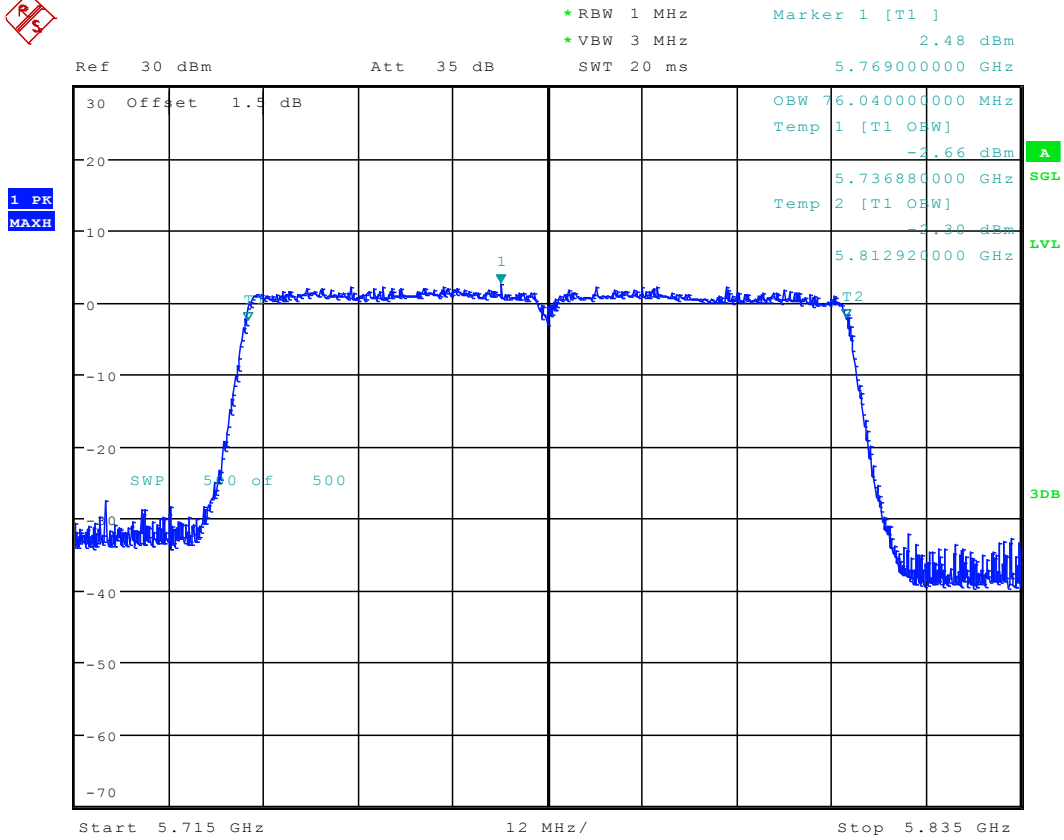
## 6.171 11AC80\_155 ANT 1



Date: 12.SEP.2017 10:50:28

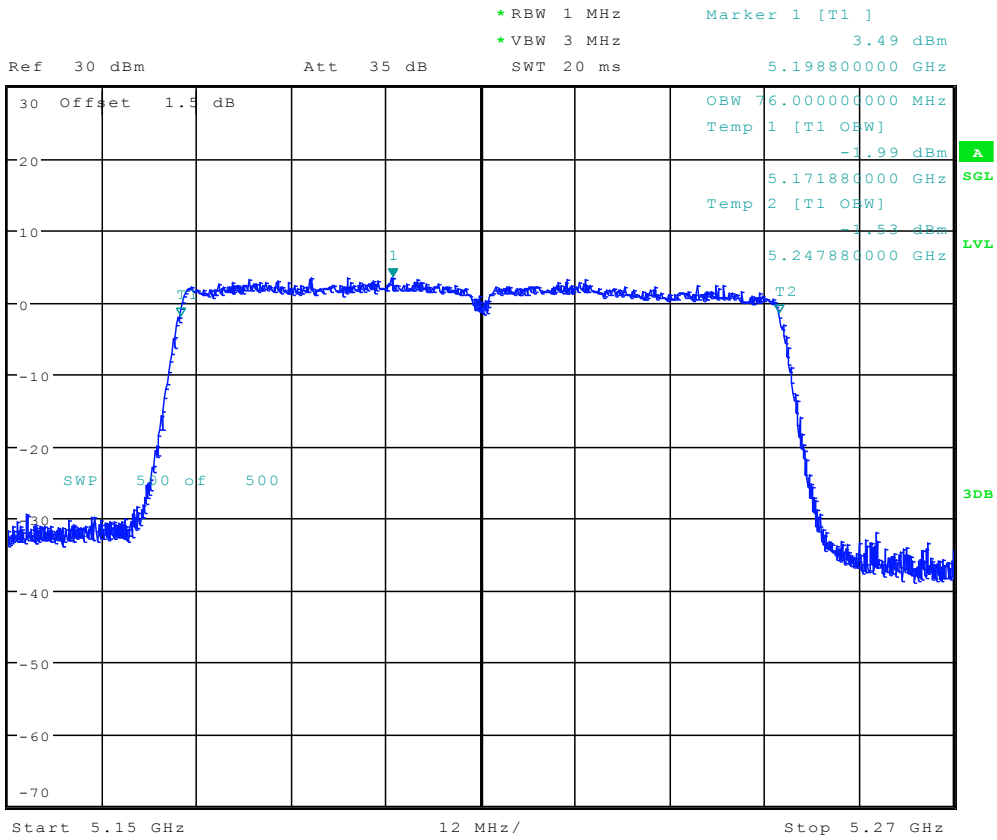


## 6.172 11AC80\_155 ANT 2



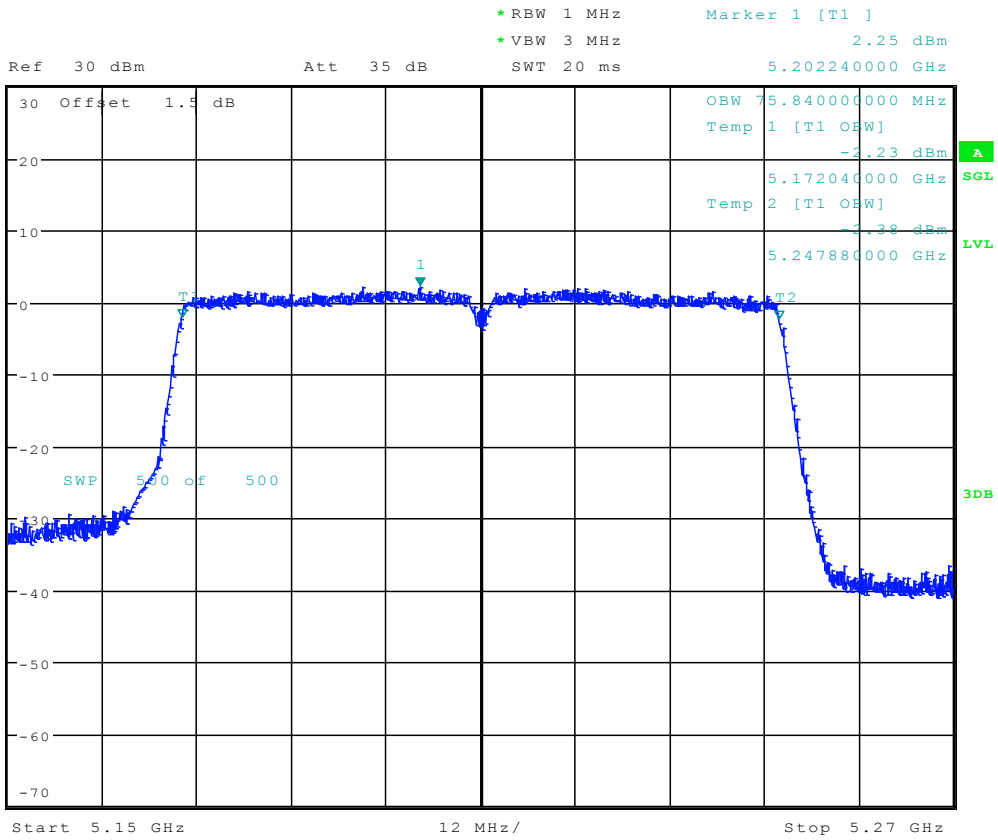
Date: 12.SEP.2017 14:07:35

### 6.173 11AC80MIMO\_42 ANT 1



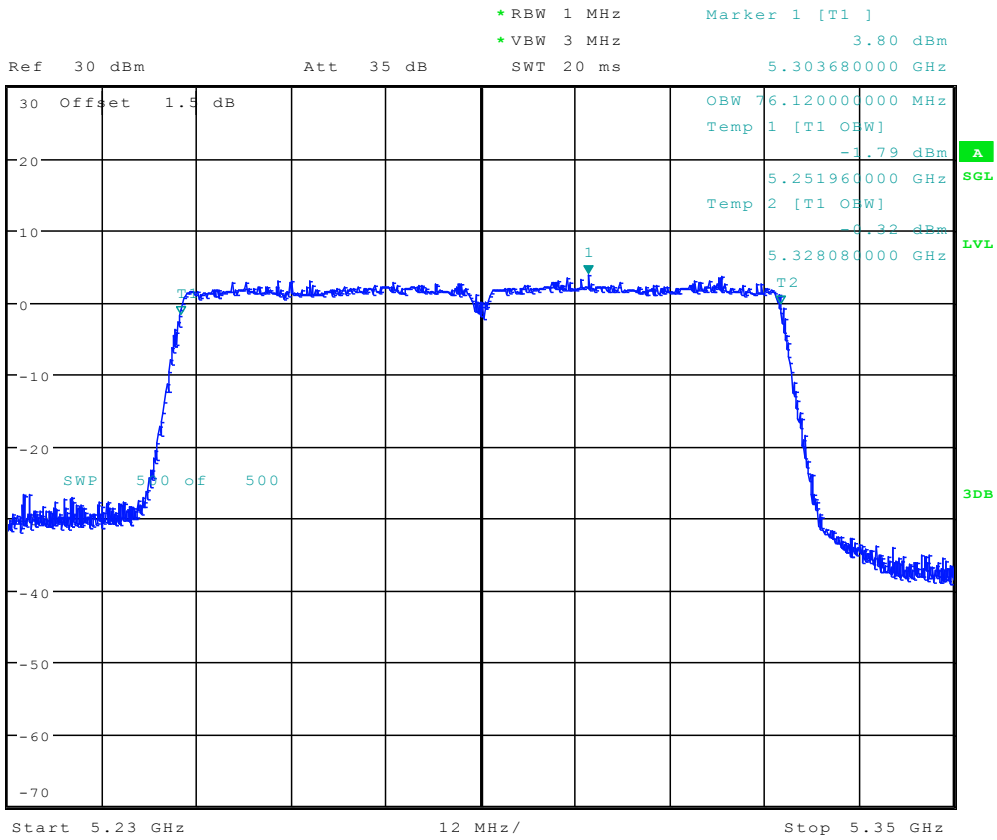
Date: 13.SEP.2017 17:53:32

### 6.174 11AC80MIMO\_42 ANT 2



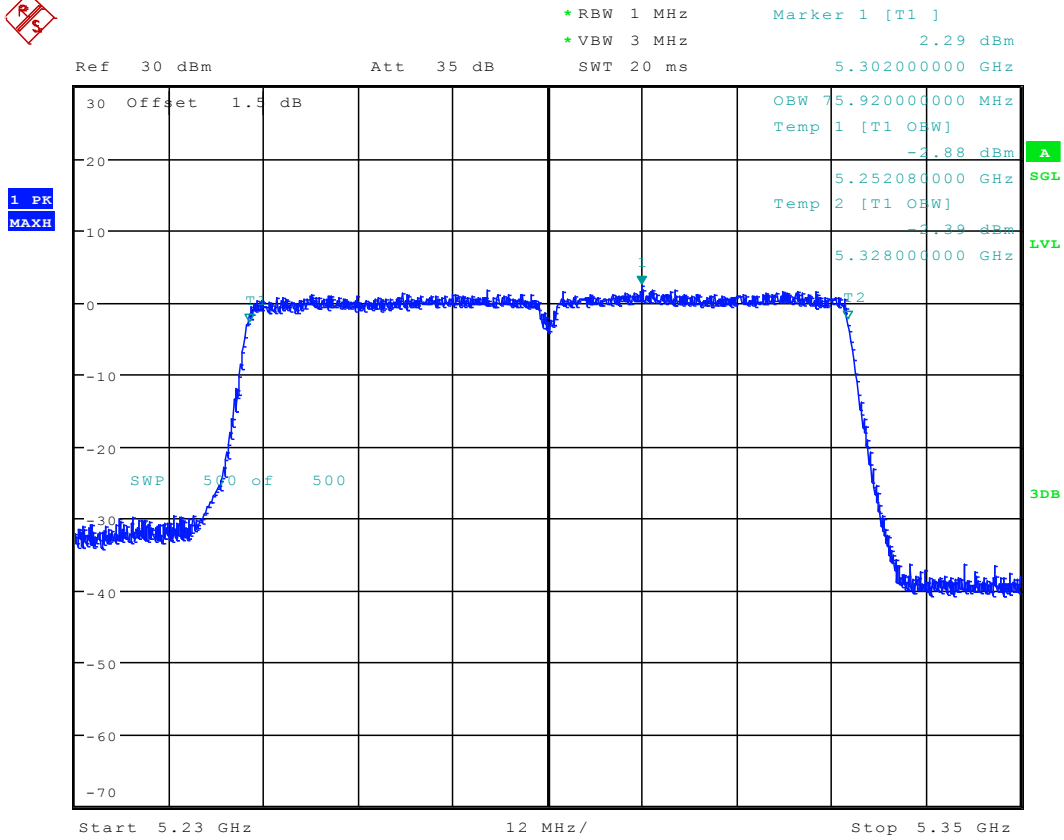
Date: 15.SEP.2017 17:10:50

### 6.175 11AC80MIMO\_58 ANT 1



Date: 13.SEP.2017 17:56:28

## 6.176 11AC80MIMO\_58 ANT 2

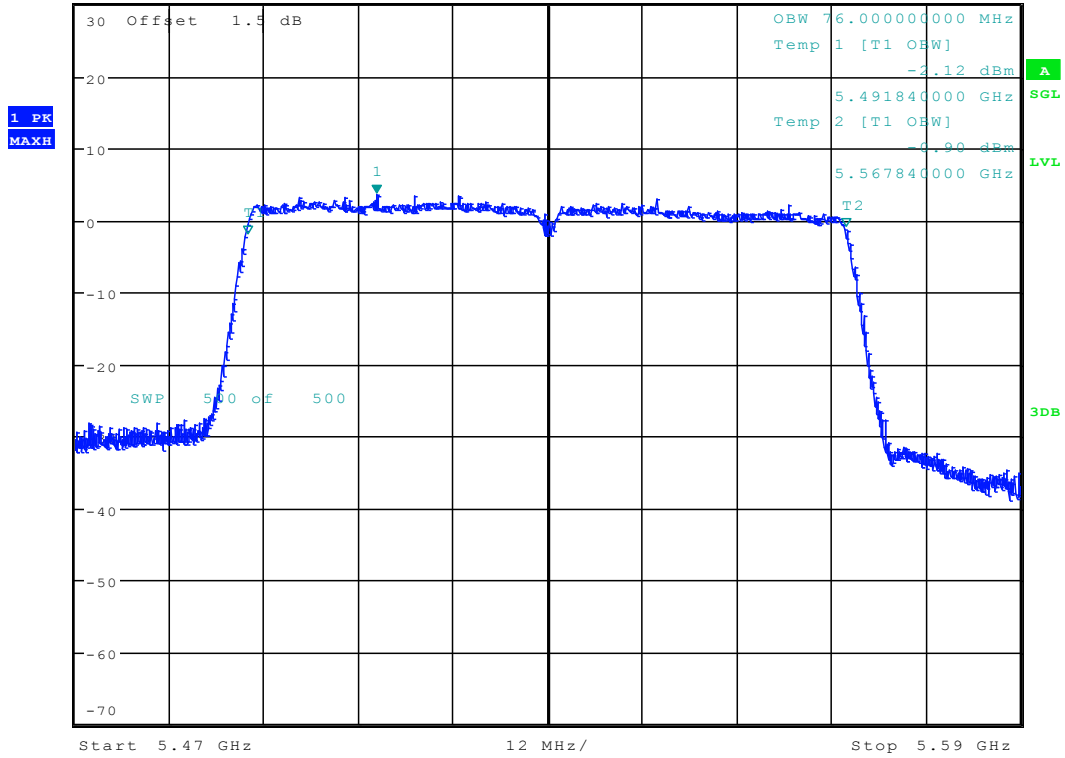


Date: 15.SEP.2017 17:15:45

6.177 11AC80MIMO\_106 ANT 1



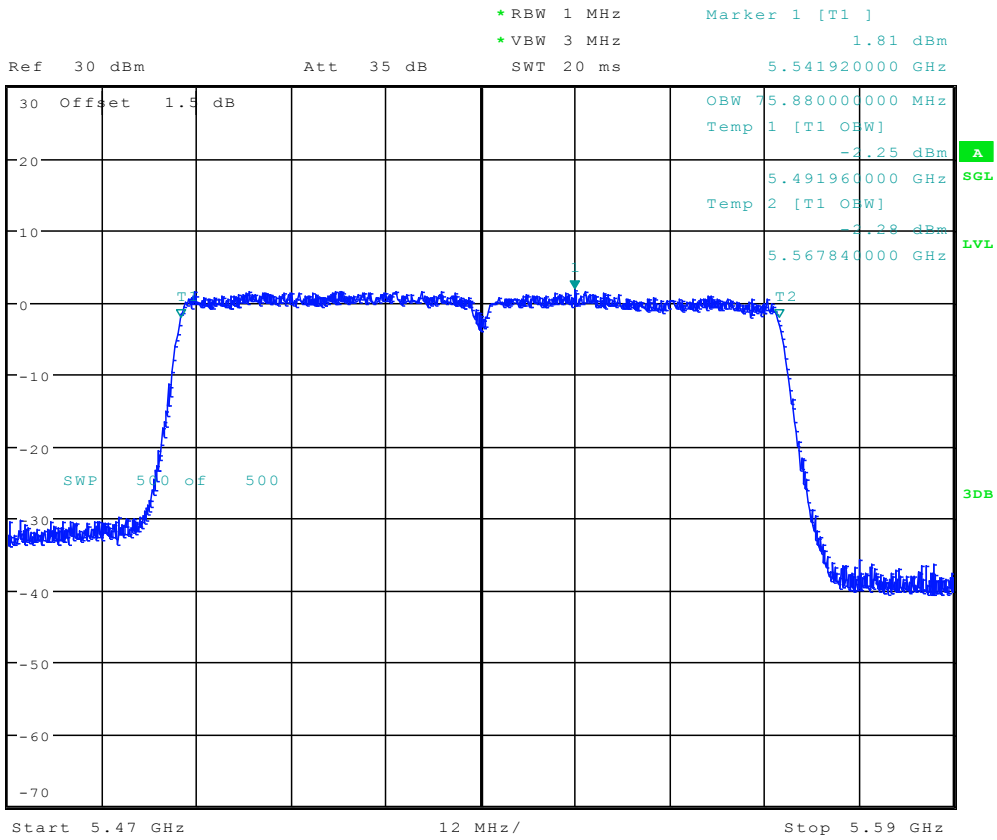
\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      3.58 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.508280000 GHz



Date: 13.SEP.2017 17:59:32



### 6.178 11AC80MIMO\_106 ANT 2



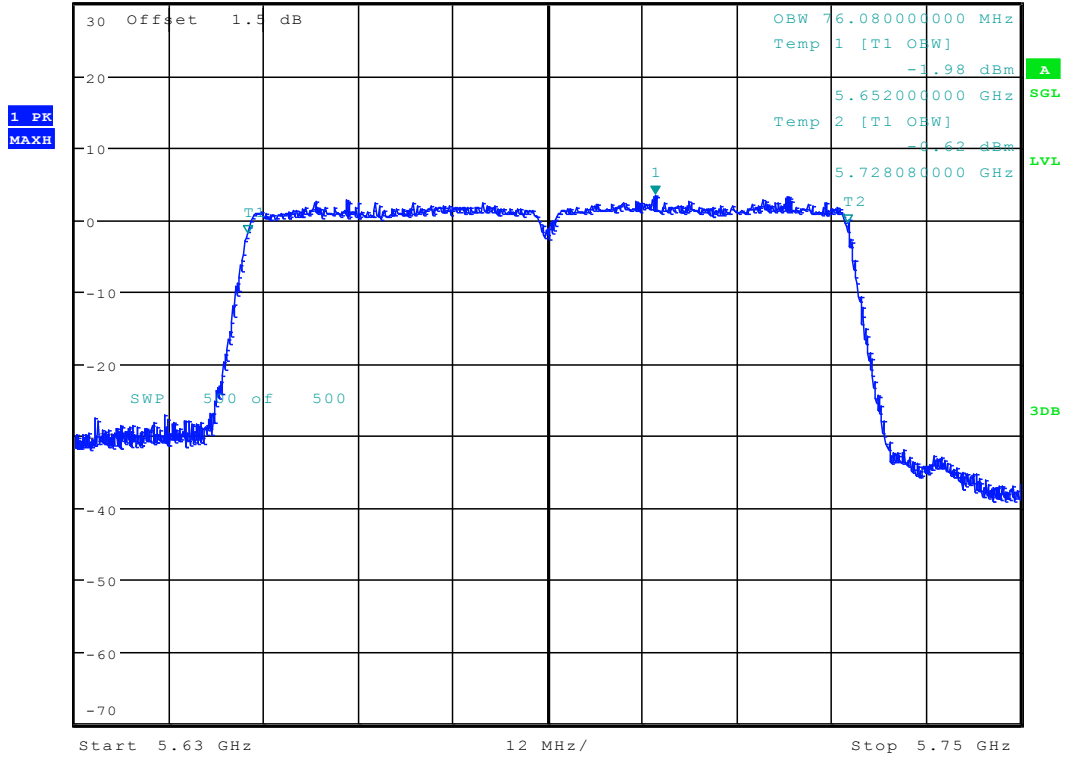
Date: 15.SEP.2017 17:18:43



### 6.179 11AC80MIMO\_138 ANT 1



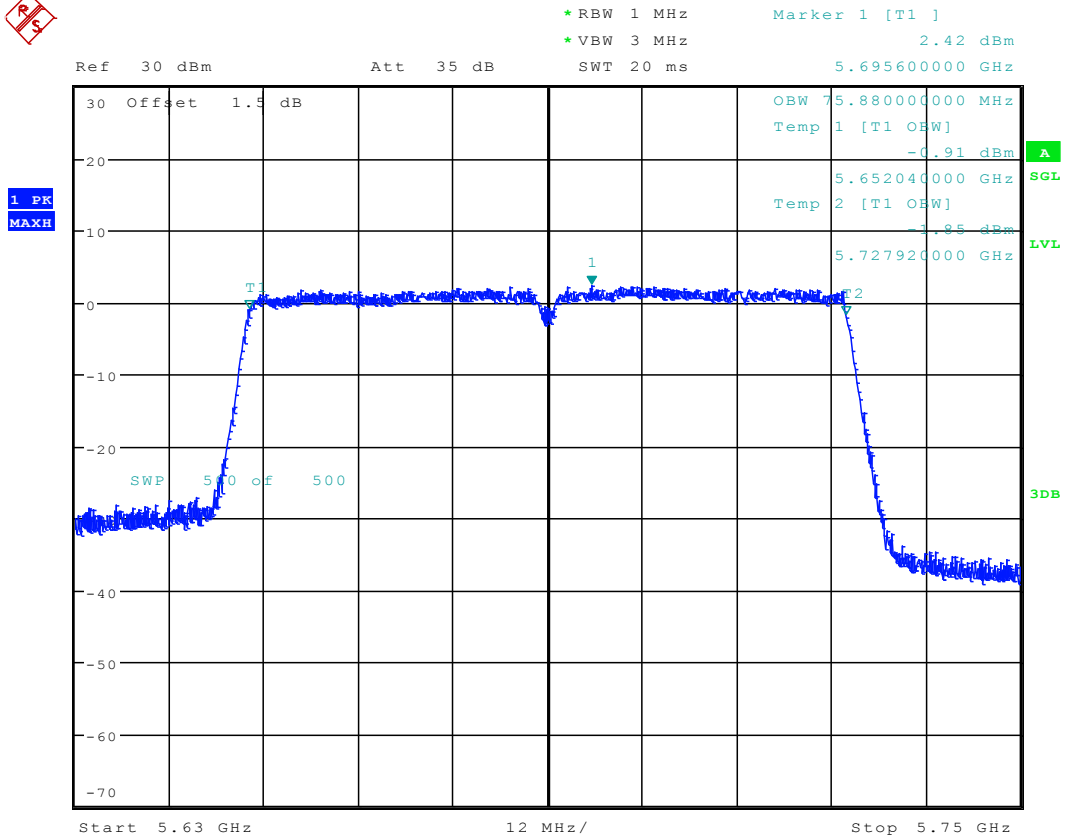
\* RBW 1 MHz      Marker 1 [T1 ]      3.36 dBm  
 \* VBW 3 MHz  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.703720000 GHz



Date: 18.SEP.2017 15:15:16

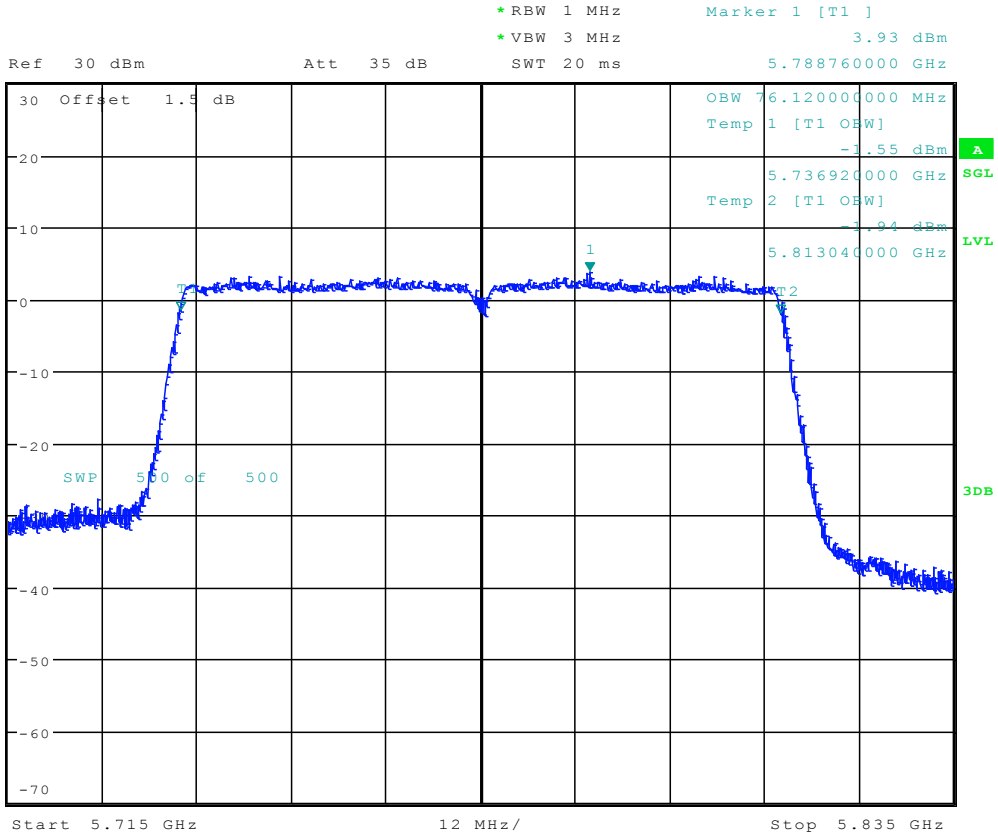


6.180 11AC80MIMO\_138 ANT 2

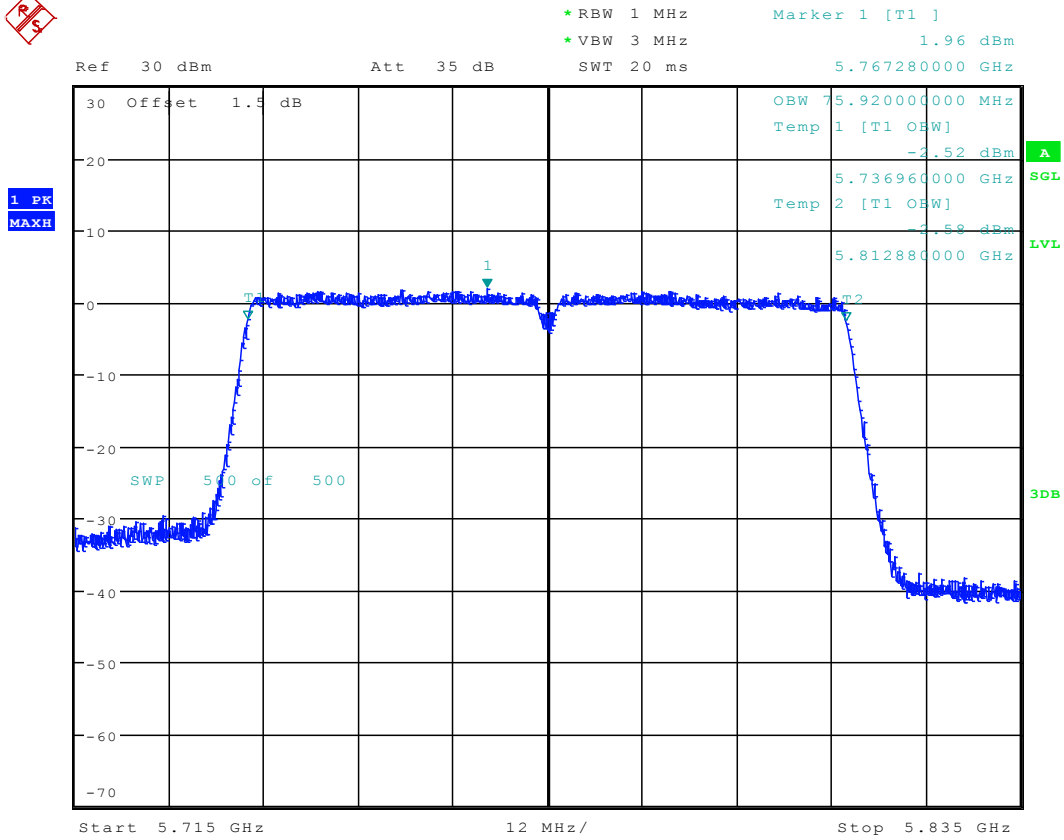


Date: 18.SEP.2017 15:31:51

### 6.181 11AC80MIMO\_155 ANT 1



Date: 13.SEP.2017 18:06:09

**6.182 11AC80MIMO\_155 ANT 2**

Date: 15.SEP.2017 17:21:32

**6.183 11A-CDD\_36 ANT 1**

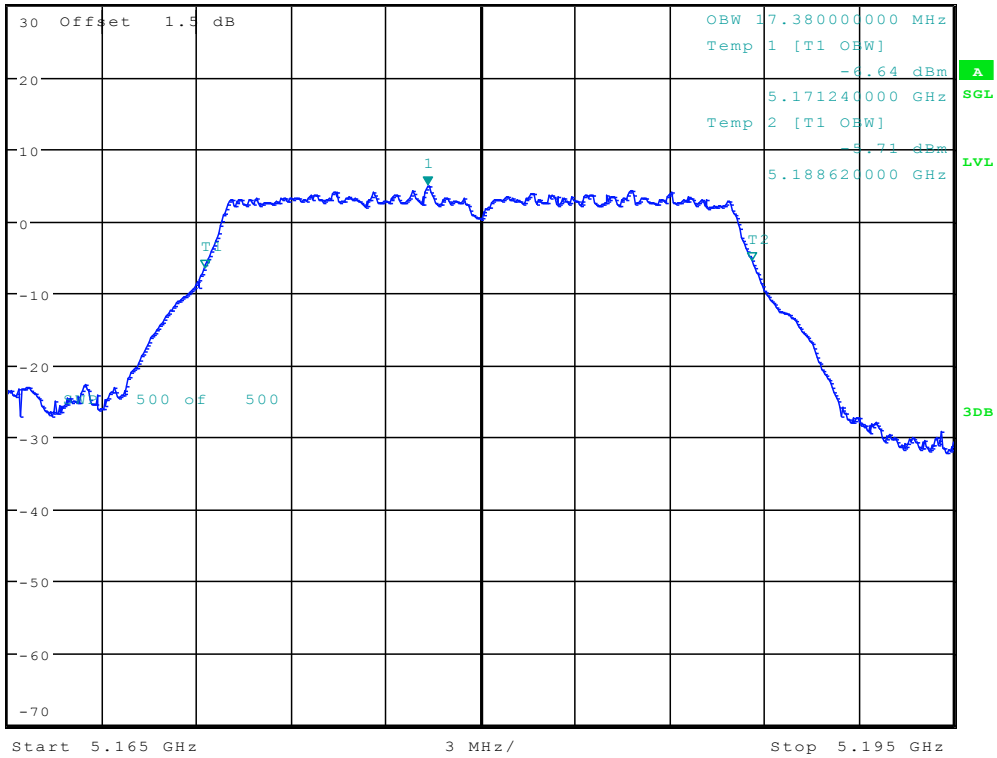


\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.83 dBm  
 SWT 20 ms      5.178340000 GHz

Ref 30 dBm

Att 35 dB

1 PK  
 MAXH



Date: 18.SEP.2017 09:39:24







































# Appendix C: Duty Cycle

7 Part I - Test Results

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Duty cycle [%]
11A20	36,	5180	Ant 1	93
	48	5240	Ant 1	93
	52	5260	Ant 1	93
	64	5320	Ant 1	93
	100	5500	Ant 1	93
	140	5700	Ant 1	93
	144	5720	Ant 1	93
	149	5745	Ant 1	93
	165	5825	Ant 1	93
	36,	5180	Ant 2	93
	48	5240	Ant 2	93
	52	5260	Ant 2	93
	64	5320	Ant 2	93
	100	5500	Ant 2	93
	140	5700	Ant 2	93
	144	5720	Ant 2	93
	149	5745	Ant 2	93
	165	5825	Ant 2	93
11A CDD	36,	5180	Ant 1	93
	48	5240	Ant 1	93
	52	5260	Ant 1	93
	64	5320	Ant 1	93
	100	5500	Ant 1	93
	140	5700	Ant 1	93
	144	5720	Ant 1	93
	149	5745	Ant 1	93
	165	5825	Ant 1	93
	36,	5180	Ant 2	93
	48	5240	Ant 2	93
	52	5260	Ant 2	93
	64	5320	Ant 2	93
	100	5500	Ant 2	93

	140	5700	Ant 2	93	
	144	5720	Ant 2	93	
	149	5745	Ant 2	93	
	165	5825	Ant 2	93	
11N20	36	5180	Ant 1	92	
	48	5240	Ant 1	92	
	52	5260	Ant 1	92	
	64	5320	Ant 1	92	
	100	5500	Ant 1	92	
	140	5700	Ant 1	92	
	144	5720	Ant 1	92	
	149	5745	Ant 1	92	
	165	5825	Ant 1	92	
	36	5180	Ant 2	92	
	48	5240	Ant 2	92	
	52	5260	Ant 2	92	
	64	5320	Ant 2	92	
	100	5500	Ant 2	92	
	140	5700	Ant 2	92	
	144	5720	Ant 2	92	
	149	5745	Ant 2	92	
	165	5825	Ant 2	92	
	11N20M	36	5180	Ant 1	87
		48	5240	Ant 1	87
52		5260	Ant 1	87	
64		5320	Ant 1	87	
100		5500	Ant 1	87	
140		5700	Ant 1	87	
144		5720	Ant 1	87	
149		5745	Ant 1	87	
165		5825	Ant 1	87	
36		5180	Ant 2	86	
48		5240	Ant 2	86	
52		5260	Ant 2	86	
64		5320	Ant 2	86	
100		5500	Ant 2	86	
140		5700	Ant 2	86	
144		5720	Ant 2	86	
149		5745	Ant 2	86	
165		5825	Ant 1	86	
11N40		38	5190	Ant 1	86
		46	5230	Ant 1	86



	54	5270	Ant 1	86
	62	5310	Ant 1	86
	102	5510	Ant 1	86
	134	5670	Ant 1	86
	142	5710	Ant 1	86
	151	5755	Ant 1	86
	159	5795	Ant 1	86
	38	5190	Ant 2	86
	46	5230	Ant 2	86
	54	5270	Ant 2	86
	62	5310	Ant 2	86
	102	5510	Ant 2	86
	134	5670	Ant 2	86
	142	5710	Ant 2	86
	151	5755	Ant 2	86
	159	5795	Ant 2	86
11N40M	38	5190	Ant 1	78
	46	5230	Ant 1	78
	54	5270	Ant 1	78
	62	5310	Ant 1	78
	102	5510	Ant 1	78
	134	5670	Ant 1	78
	142	5710	Ant 1	78
	151	5755	Ant 1	78
	159	5795	Ant 1	78
	38	5190	Ant 2	77
	46	5230	Ant 2	77
	54	5270	Ant 2	77
	62	5310	Ant 2	77
	102	5510	Ant 2	77
	134	5670	Ant 2	77
	142	5710	Ant 2	77
	151	5755	Ant 2	77
	159	5795	Ant 2	77
11AC20	36	5180	Ant 1	93
	48	5240	Ant 1	93
	52	5260	Ant 1	93
	64	5320	Ant 1	93
	100	5500	Ant 1	93
	140	5700	Ant 1	93
	144	5720	Ant 1	93
	149	5745	Ant 1	93

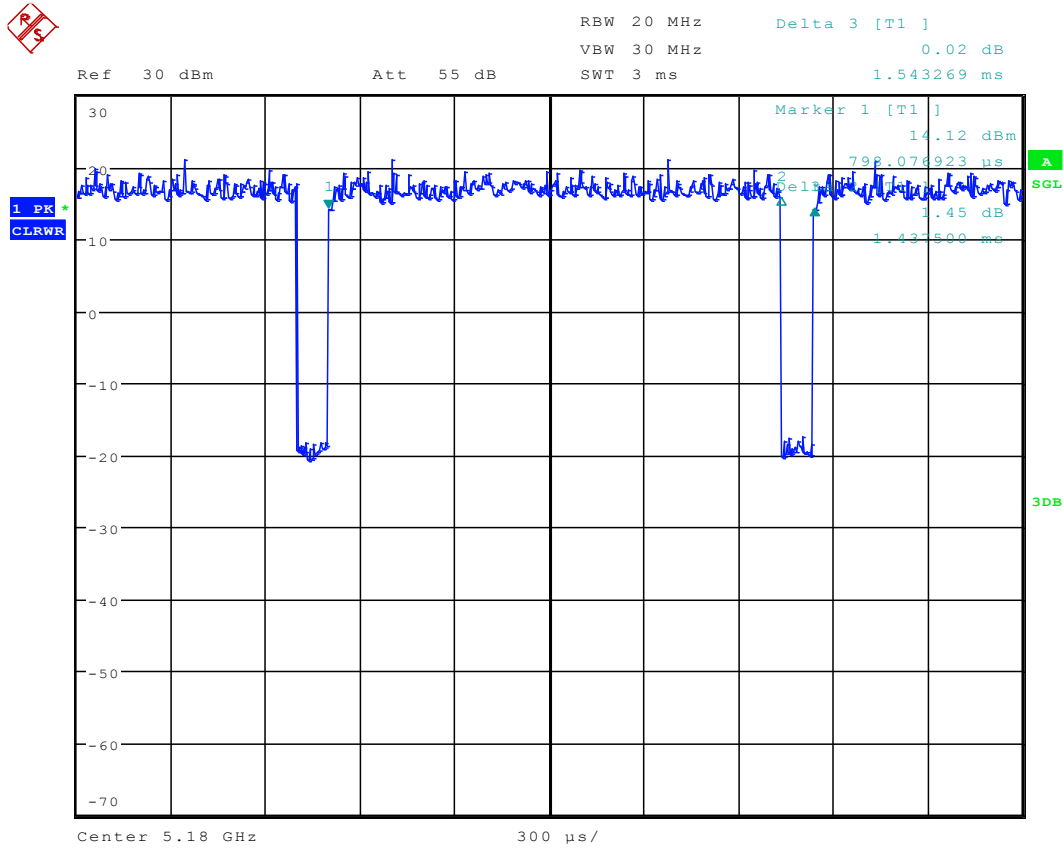
	165	5825	Ant 1	93
	36	5180	Ant 2	93
	48	5240	Ant 2	93
	52	5260	Ant 2	93
	64	5320	Ant 2	93
	100	5500	Ant 2	93
	140	5700	Ant 2	93
	144	5720	Ant 2	93
	149	5745	Ant 2	93
	165	5825	Ant 2	93
11AC20M	36	5180	Ant 1	88
	48	5240	Ant 1	88
	52	5260	Ant 1	88
	64	5320	Ant 1	88
	100	5500	Ant 1	88
	140	5700	Ant 1	88
	144	5720	Ant 1	88
	149	5745	Ant 1	88
	165	5825	Ant 1	88
	36	5180	Ant 2	86
	48	5240	Ant 2	86
	52	5260	Ant 2	86
	64	5320	Ant 2	86
	100	5500	Ant 2	86
	140	5700	Ant 2	86
	144	5720	Ant 2	86
	149	5745	Ant 2	86
	165	5825	Ant 2	86
	11AC40	38	5190	Ant 1
46		5230	Ant 1	86
54		5270	Ant 1	86
62		5310	Ant 1	86
102		5510	Ant 1	86
134		5670	Ant 1	86
142		5710	Ant 1	86
151		5755	Ant 1	86
159		5795	Ant 1	86
38		5190	Ant 2	86
46		5230	Ant 2	86
54		5270	Ant 2	86
62		5310	Ant 2	86
102		5510	Ant 2	86

	134	5670	Ant 2	86	
	142	5710	Ant 2	86	
	151	5755	Ant 2	86	
	159	5795	Ant 2	86	
11AC40M	38	5190	Ant 1	78	
	46	5230	Ant 1	78	
	54	5270	Ant 1	78	
	62	5310	Ant 1	78	
	102	5510	Ant 1	78	
	134	5670	Ant 1	78	
	142	5710	Ant 1	78	
	151	5755	Ant 1	78	
	159	5795	Ant 1	78	
	38	5190	Ant 2	77	
	46	5230	Ant 2	77	
	54	5270	Ant 2	77	
	62	5310	Ant 2	77	
	102	5510	Ant 2	77	
	134	5670	Ant 2	77	
	142	5710	Ant 2	77	
	151	5755	Ant 2	77	
	159	5795	Ant 2	77	
	11AC80	42	5210	Ant 1	76
		58	5290	Ant 1	76
106		5530	Ant 1	76	
138		5690	Ant 1	76	
155		5775	Ant 1	76	
42		5210	Ant 2	76	
58		5290	Ant 2	76	
106		5530	Ant 2	76	
138		5690	Ant 2	76	
155		5775	Ant 2	76	
11AC80M	42	5210	Ant 1	65	
	58	5290	Ant 1	65	
	106	5530	Ant 1	65	
	138	5690	Ant 1	65	
	155	5775	Ant 1	65	
	42	5210	Ant 2	65	
	58	5290	Ant 2	65	
	106	5530	Ant 2	65	
	138	5690	Ant 1	65	
	155	5775	Ant 2	65	



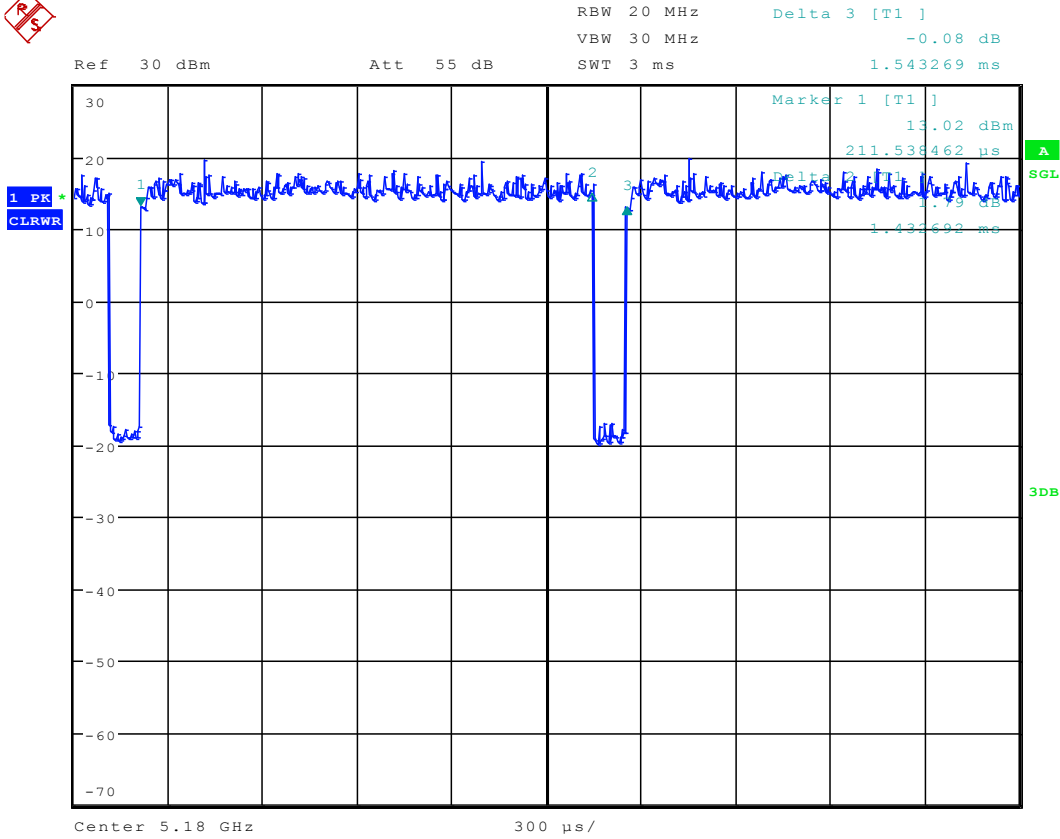
## 8 Test Plot

### 8.1 11A Ant 1



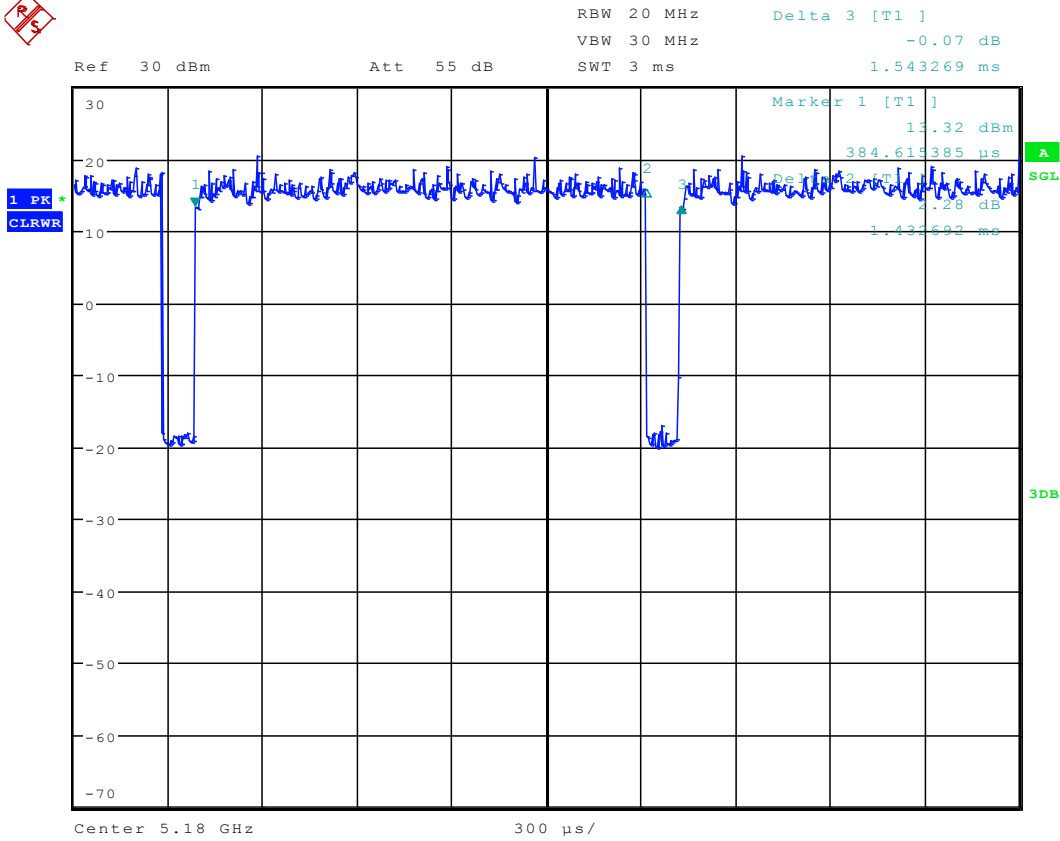
Date: 11.SEP.2017 09:25:17

### 8.2 11A Ant 2



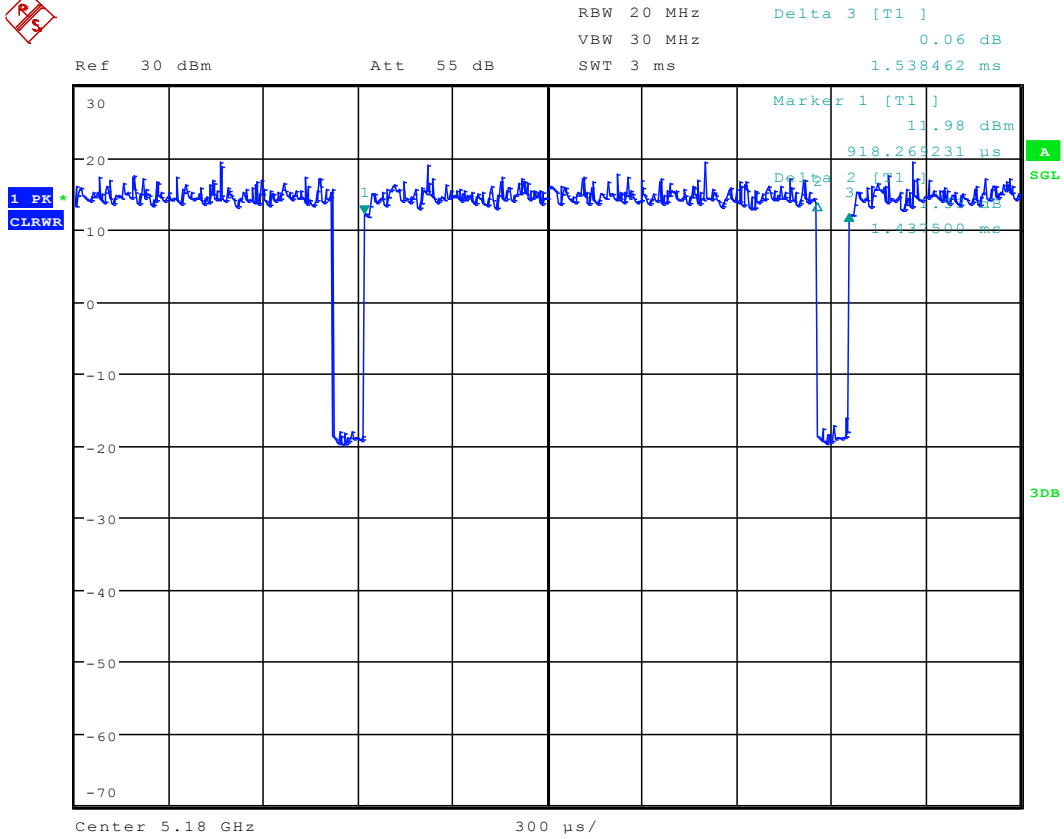
Date: 12.SEP.2017 14:12:10

### 8.3 11A CDD ANT1



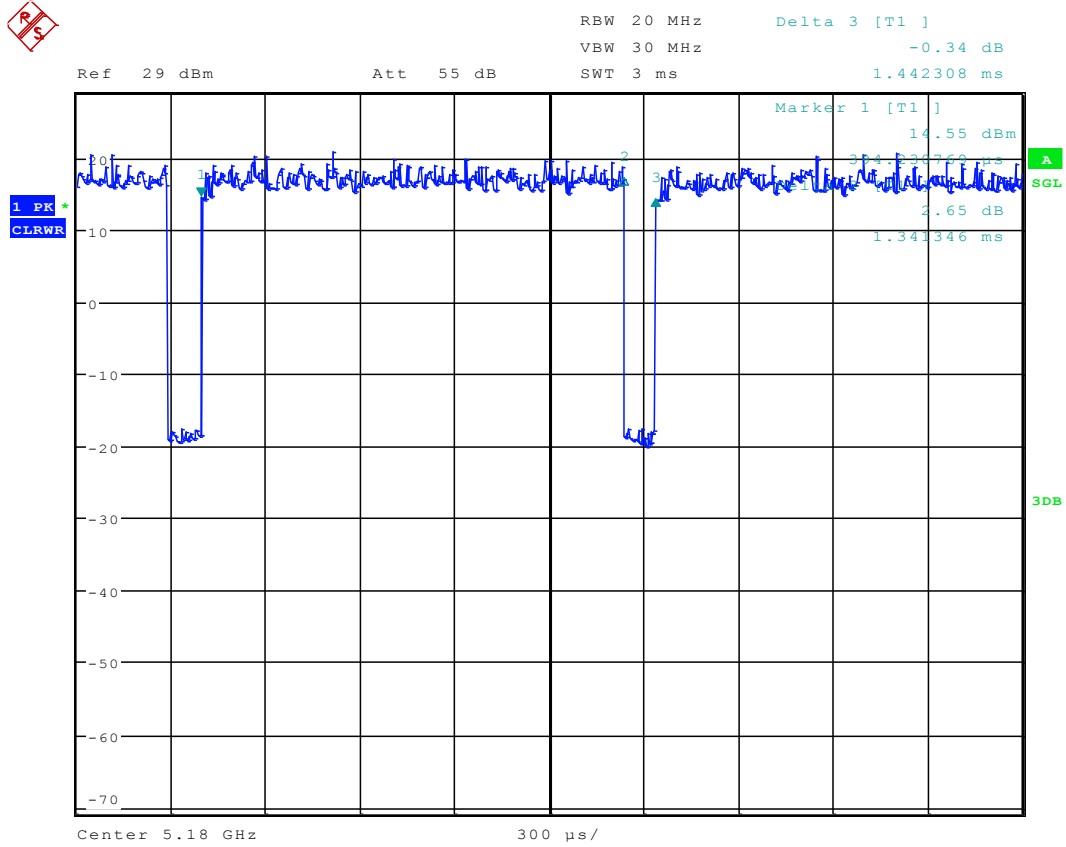
Date: 18.SEP.2017 09:32:11

### 8.4 11A CDD ANT2



Date: 18.SEP.2017 10:09:30

## 8.5 11n20 Ant 1

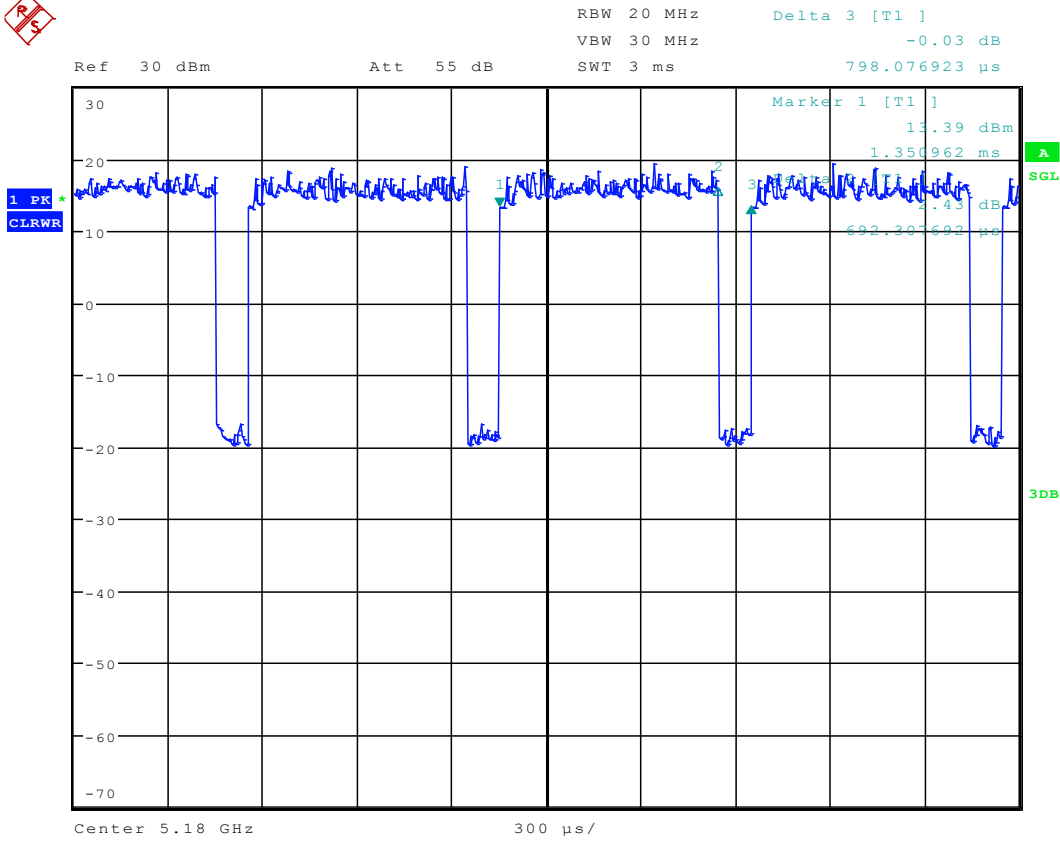


Date: 11.SEP.2017 15:12:46



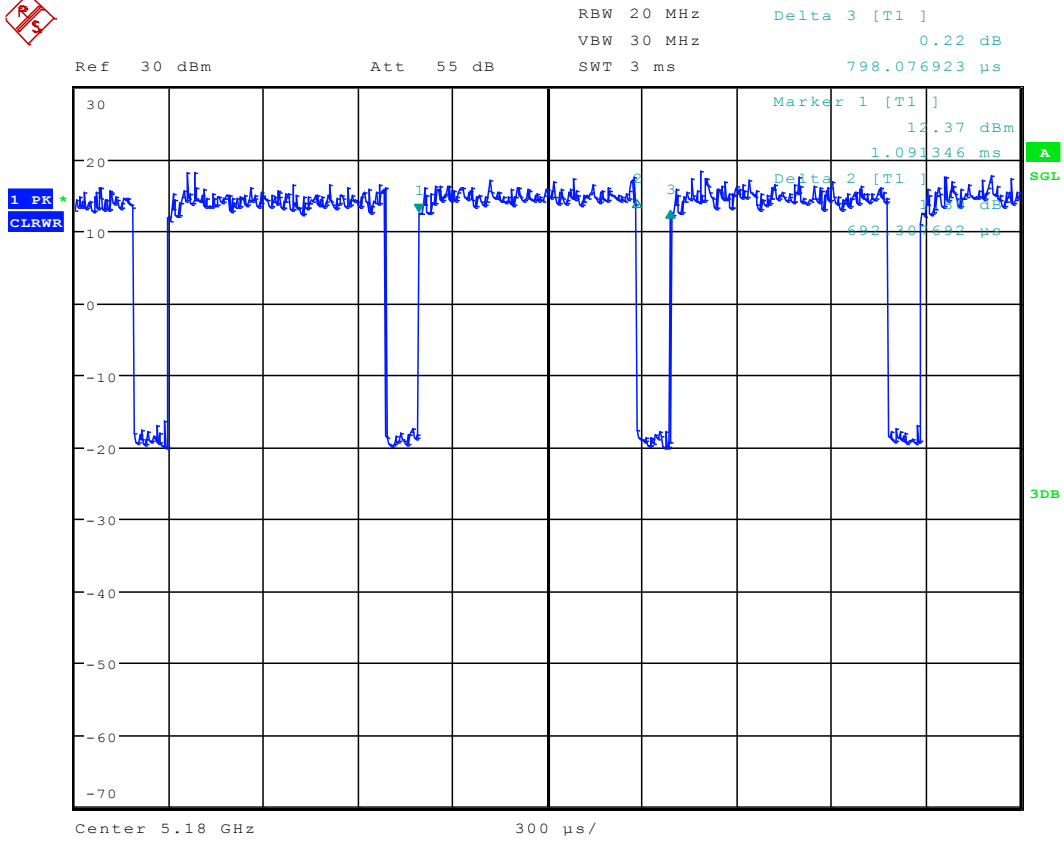


### 8.7 11n20M Ant 1



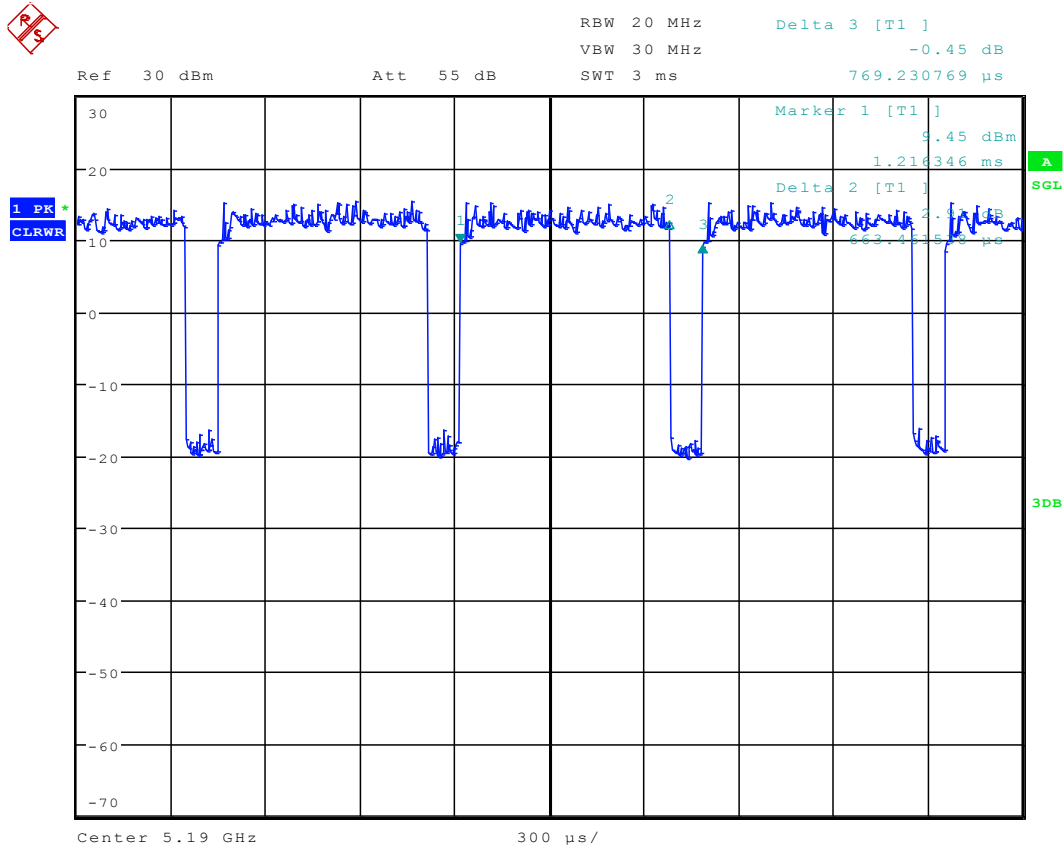
Date: 12.SEP.2017 17:48:20

### 8.8 11n20M Ant 2



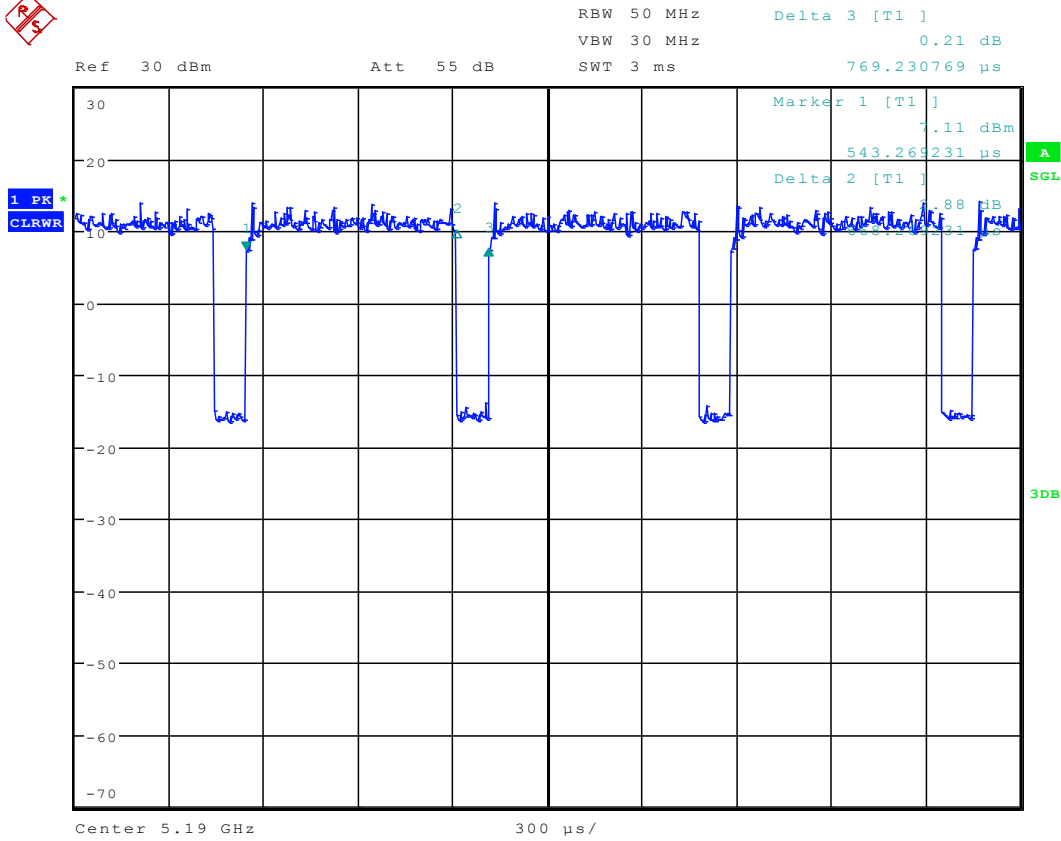
Date: 15.SEP.2017 14:04:29

### 8.9 11n40 Ant 1



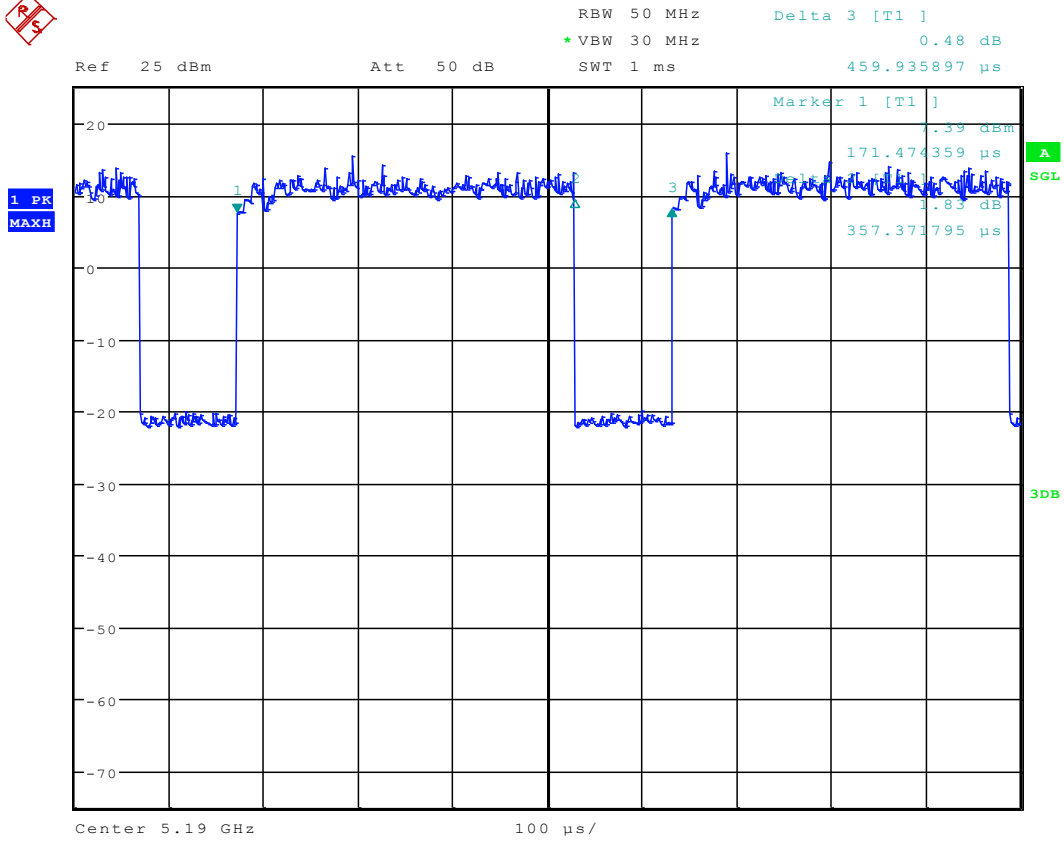
Date: 11.SEP.2017 17:54:23

### 8.10 11n40 Ant 2



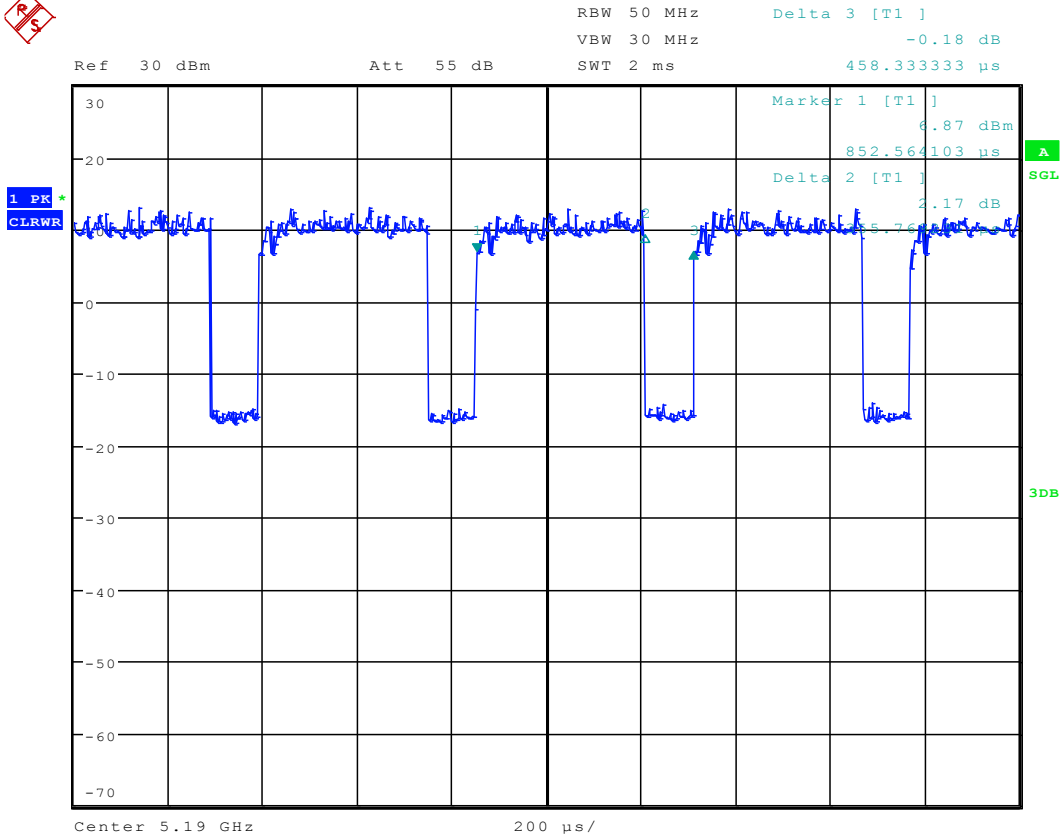
Date: 12.SEP.2017 16:43:29

## 8.11 11n40M Ant 1



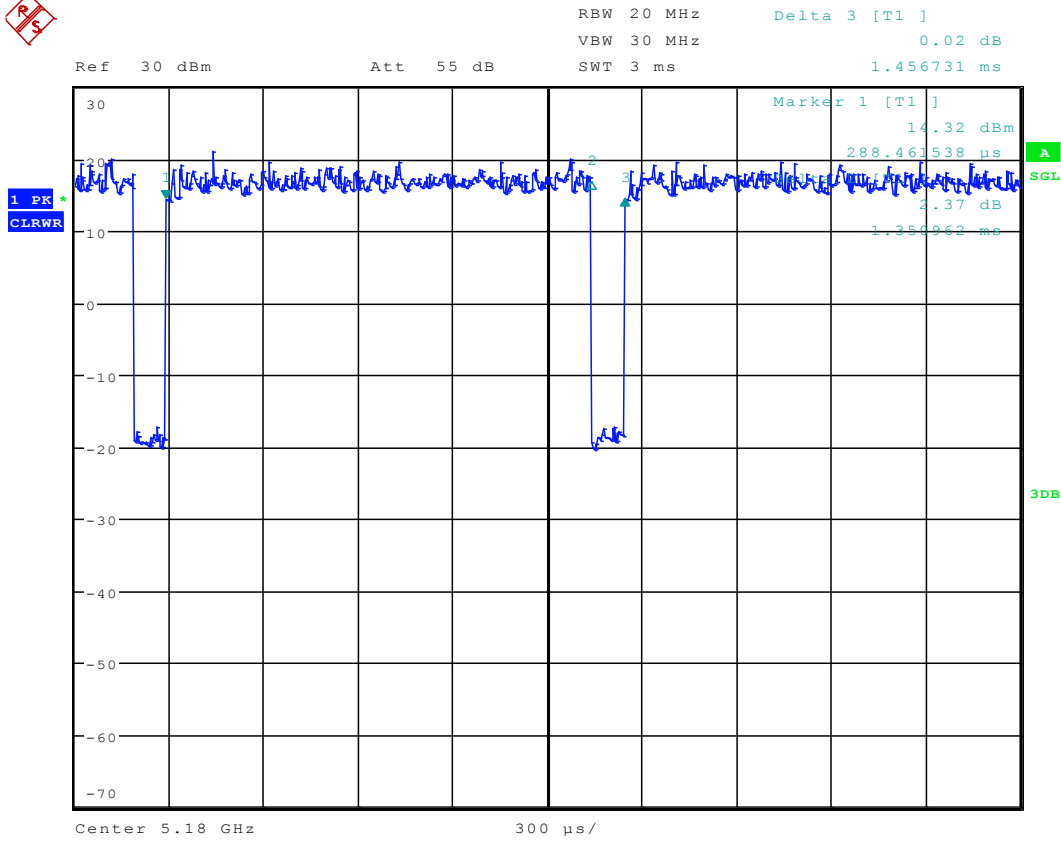
Date: 13.SEP.2017 15:57:21

### 8.12 11n40M Ant 2



Date: 15.SEP.2017 16:10:12

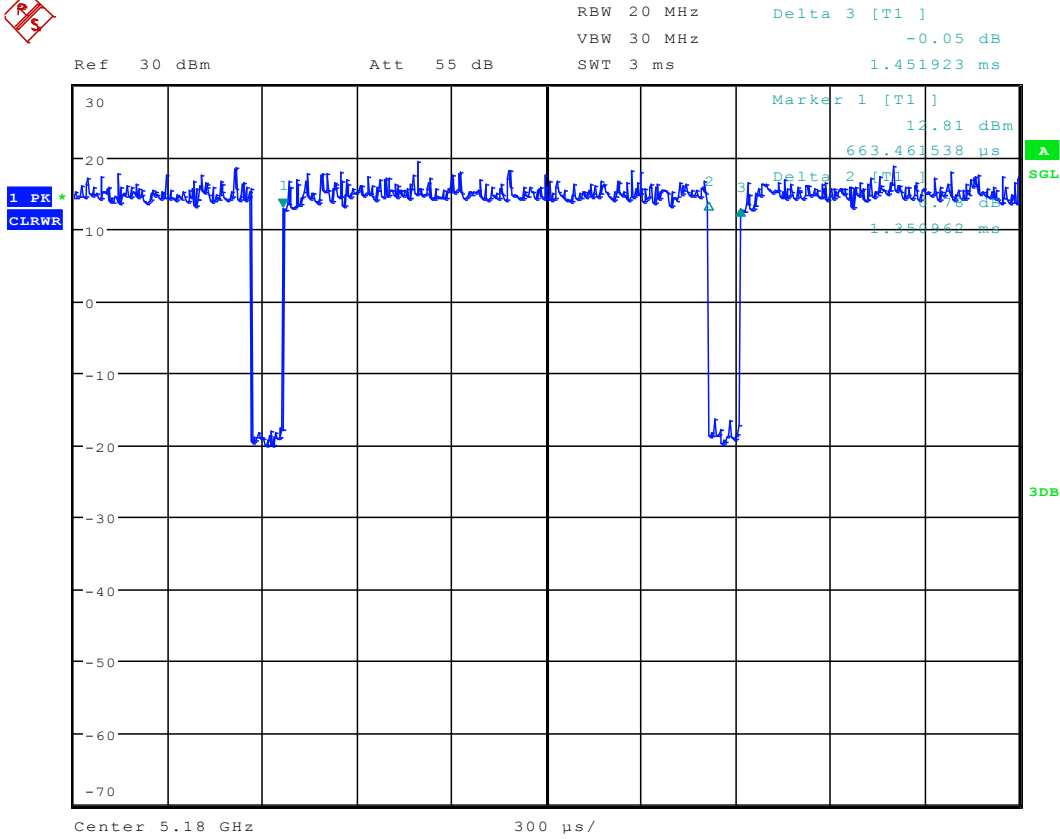
### 8.13 11ac20 Ant 1



Date: 11.SEP.2017 16:11:19

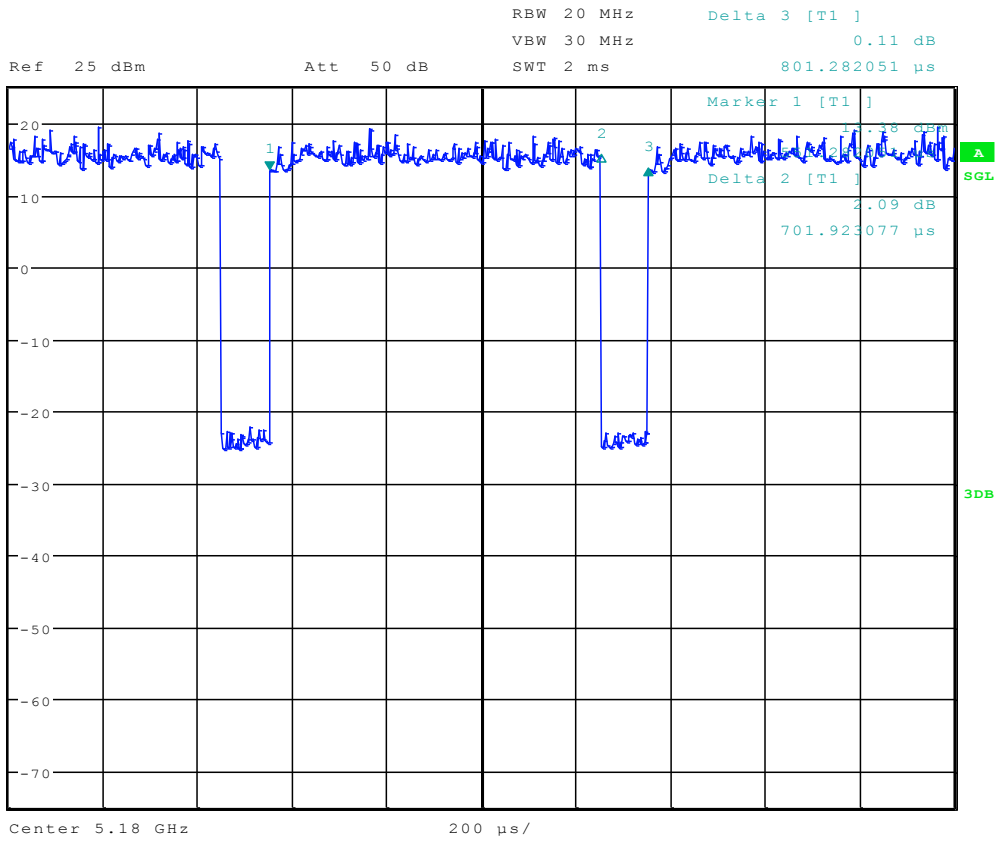


### 8.14 11ac20 Ant 2



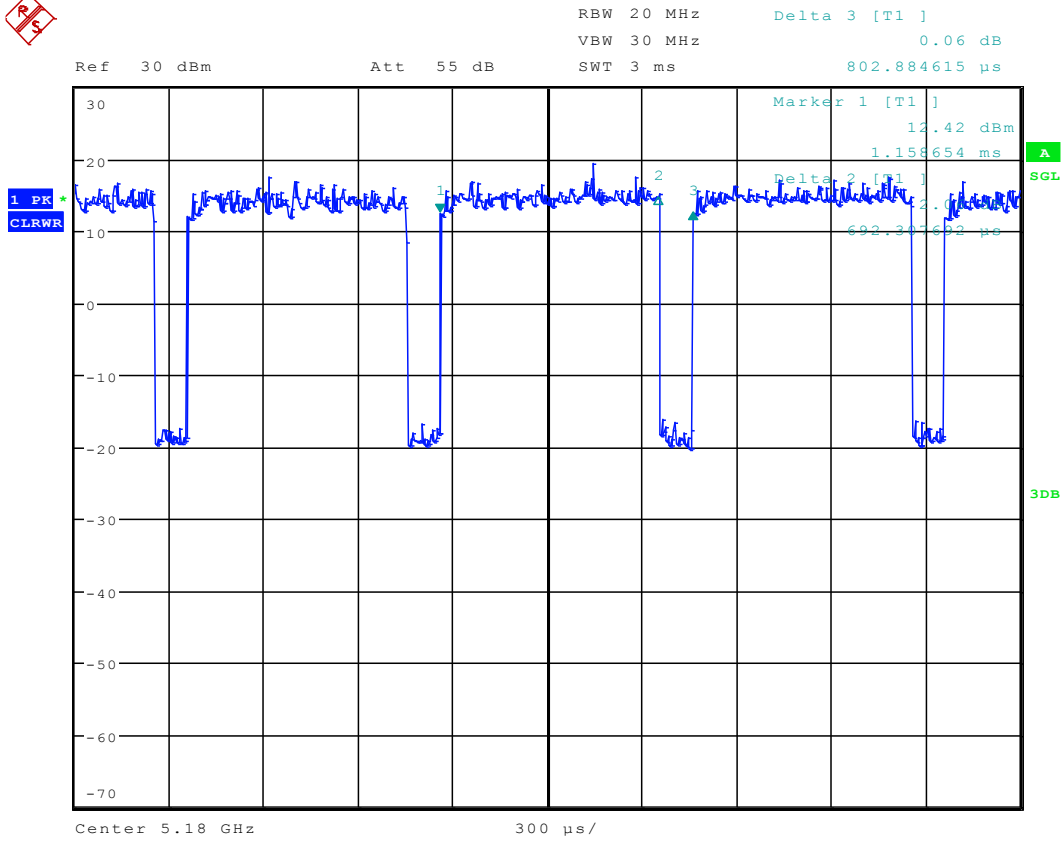
Date: 12.SEP.2017 15:46:50

### 8.15 11ac20M Ant 1



Date: 13.SEP.2017 16:40:16

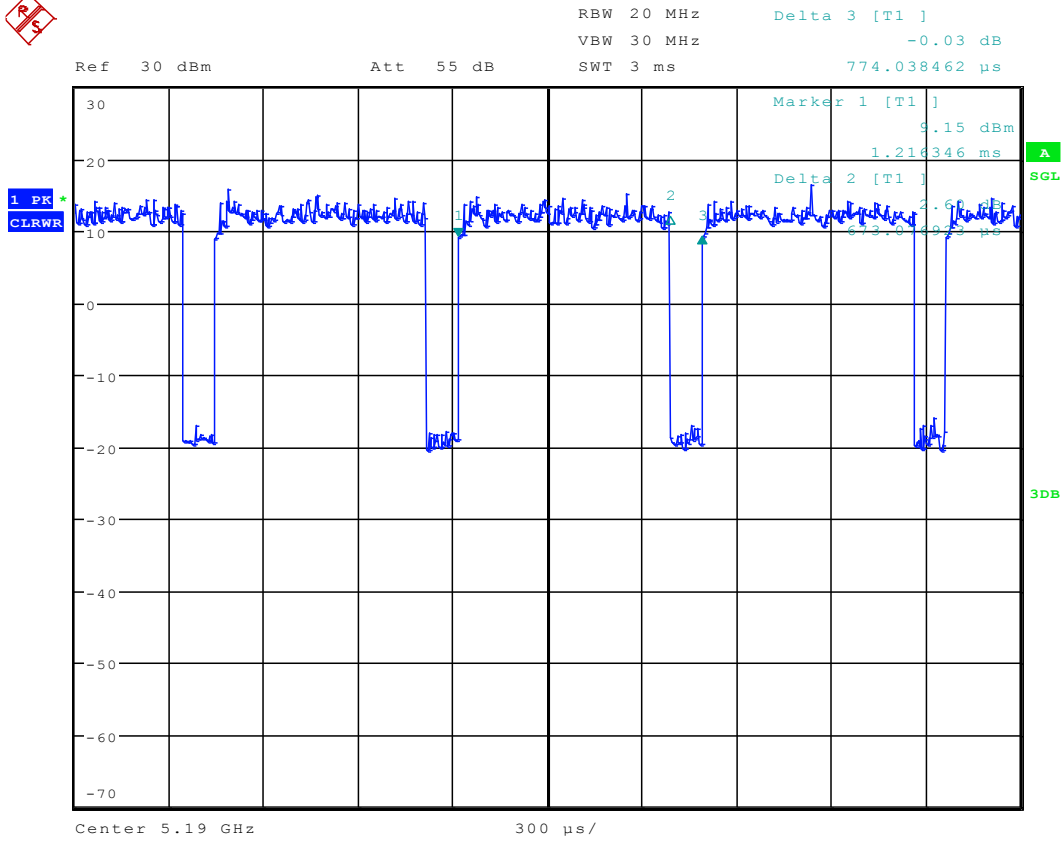
## 8.16 11ac20M Ant 2



Date: 15.SEP.2017 14:33:21

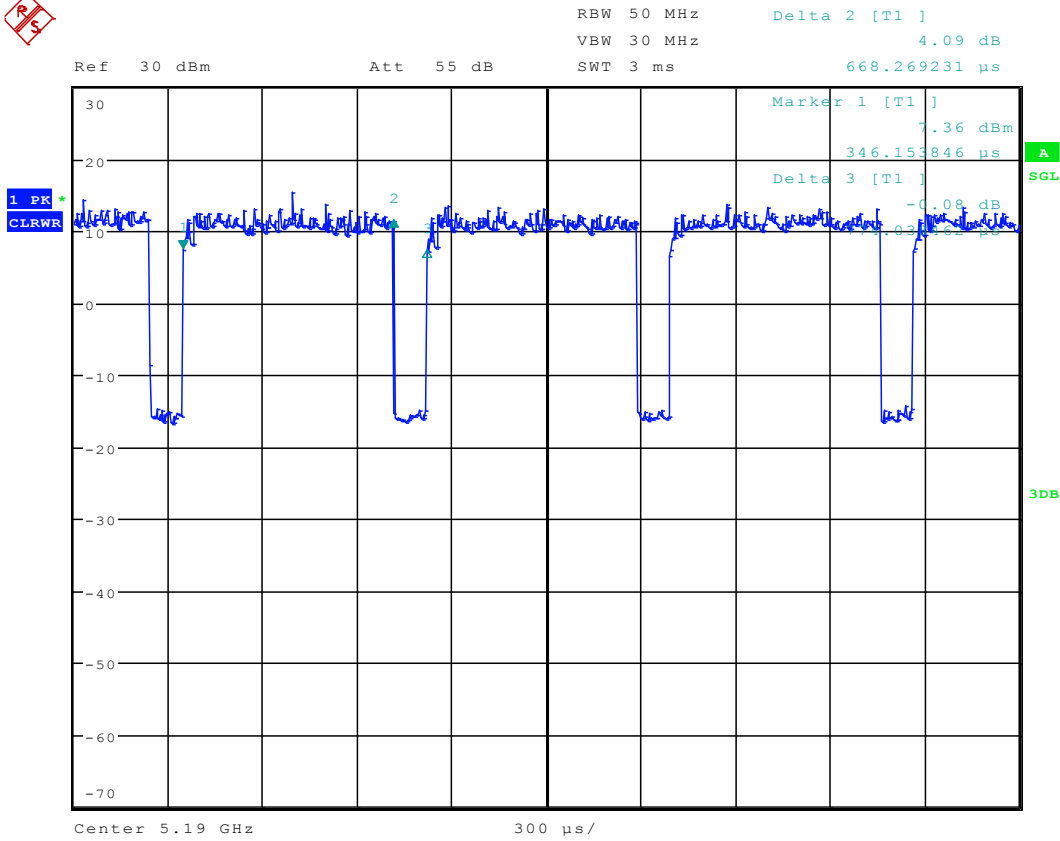


### 8.17 11ac40 Ant 1



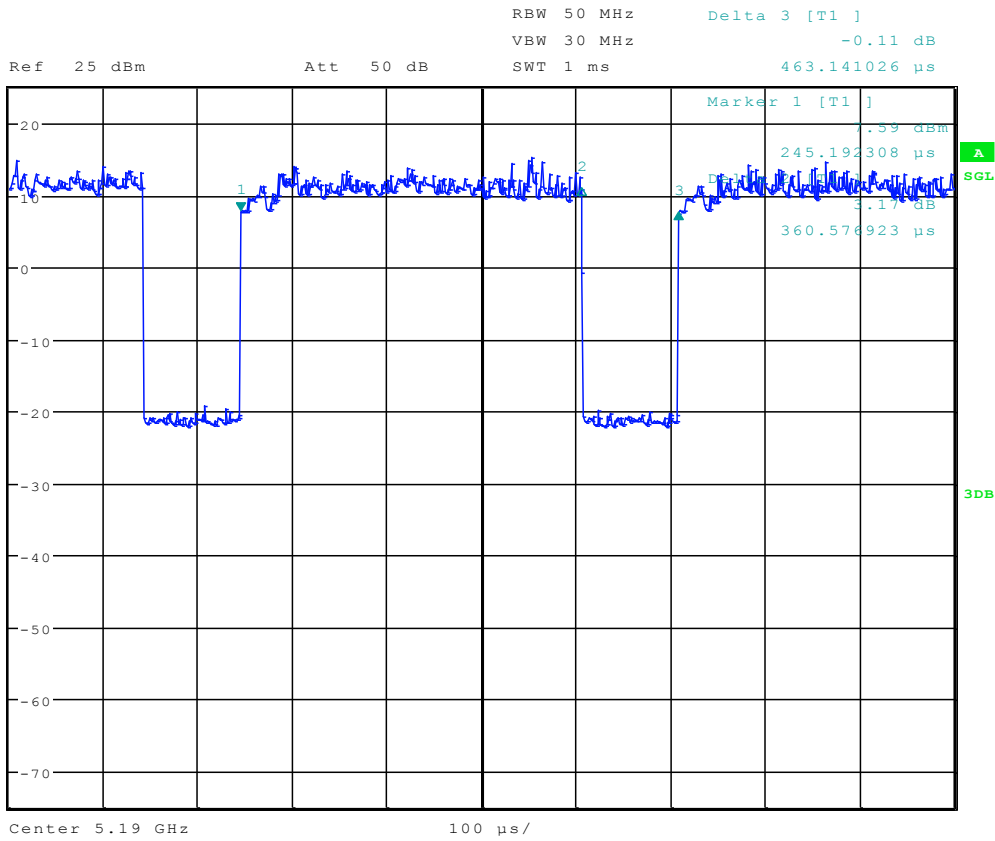
Date: 12.SEP.2017 09:16:18

### 8.18 11ac40 Ant 2



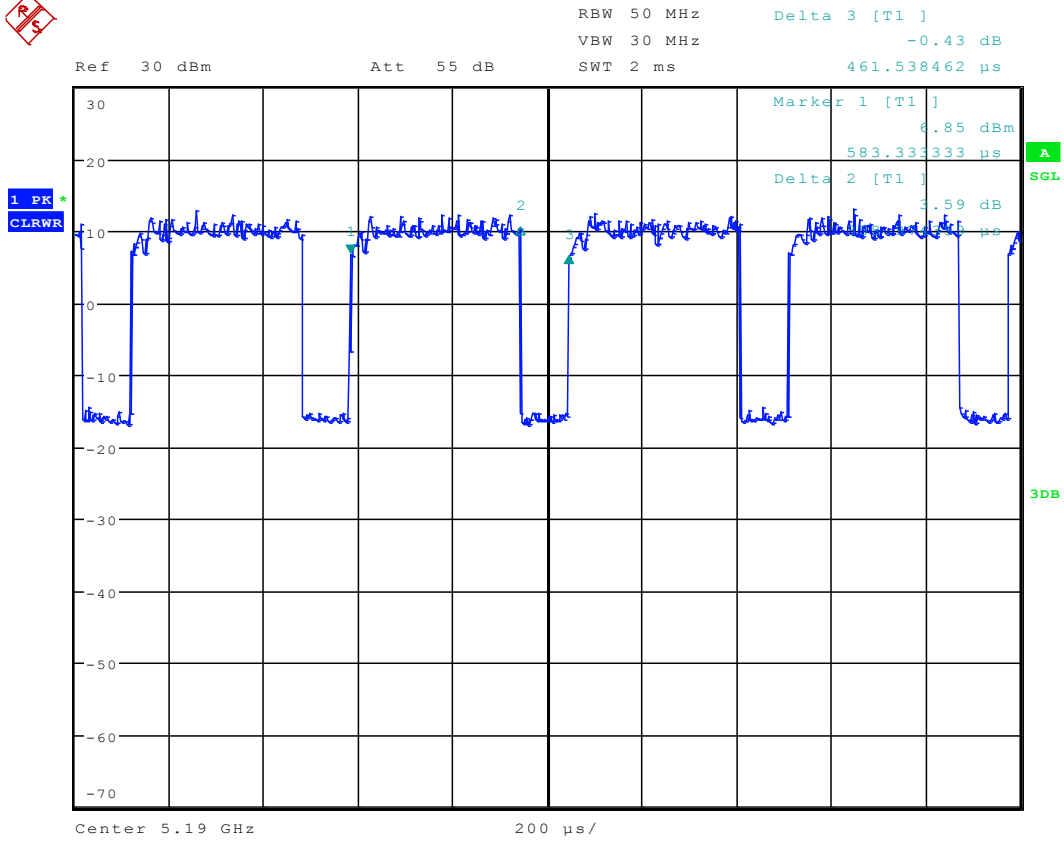
Date: 12.SEP.2017 17:14:49

### 8.19 11ac40M Ant 1



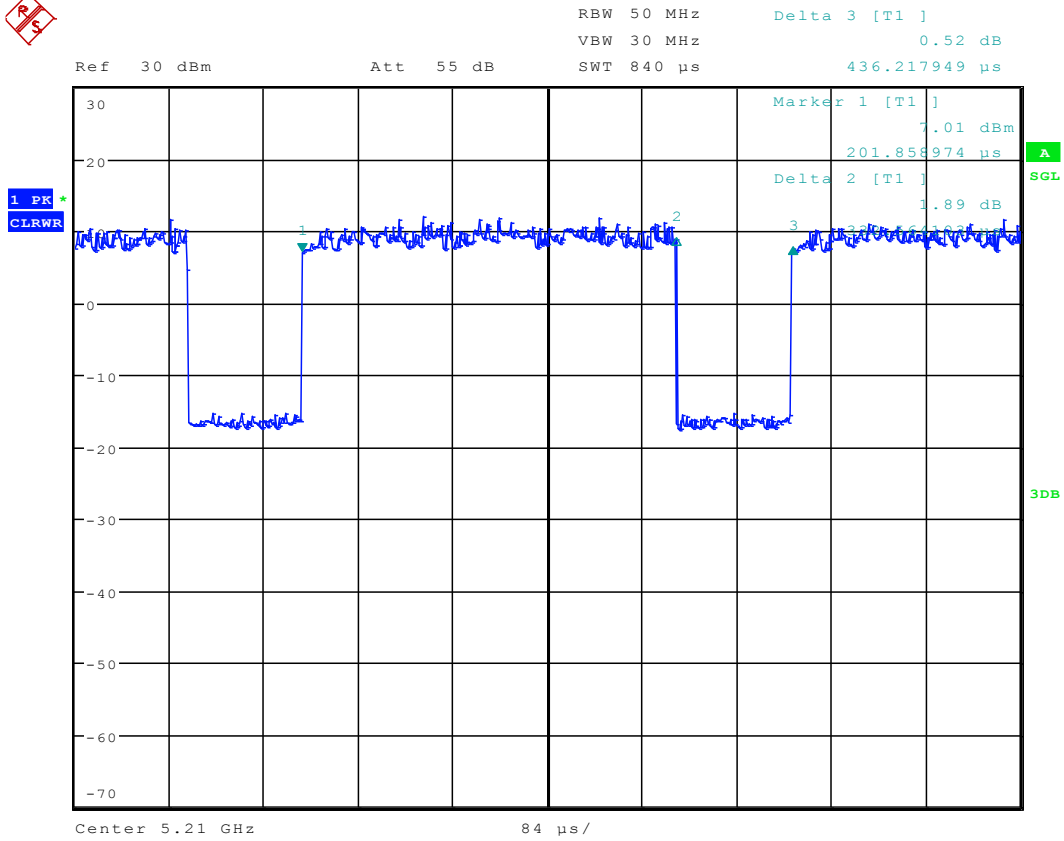
Date: 13.SEP.2017 17:10:57

## 8.20 11ac40M Ant 2



Date: 15.SEP.2017 16:40:39

### 8.21 11ac80 Ant 1

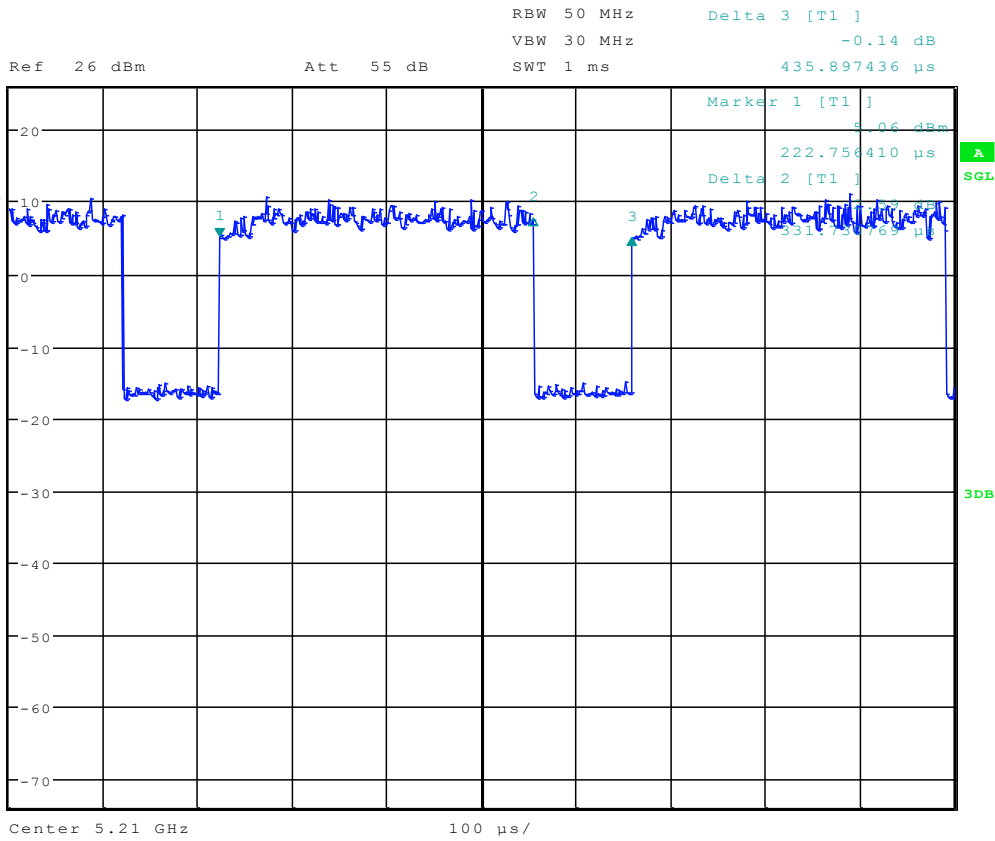


Date: 12.SEP.2017 10:36:07



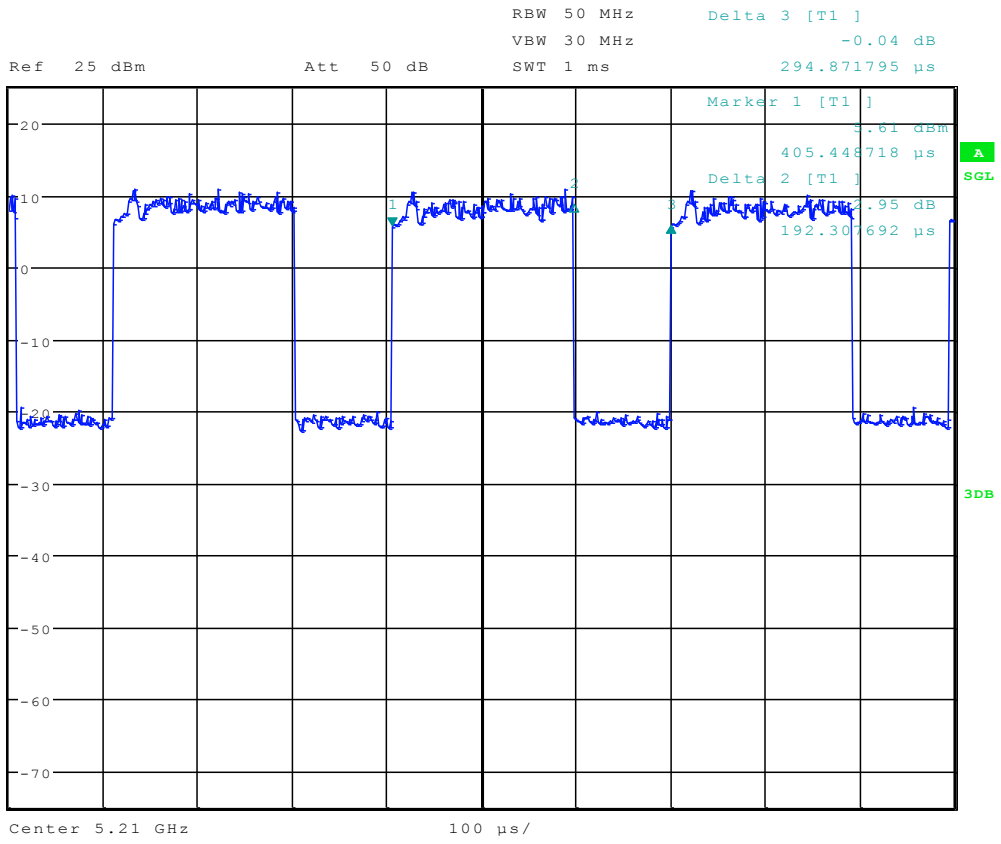


### 8.22 11ac80 Ant 2



Date: 12.SEP.2017 13:51:59

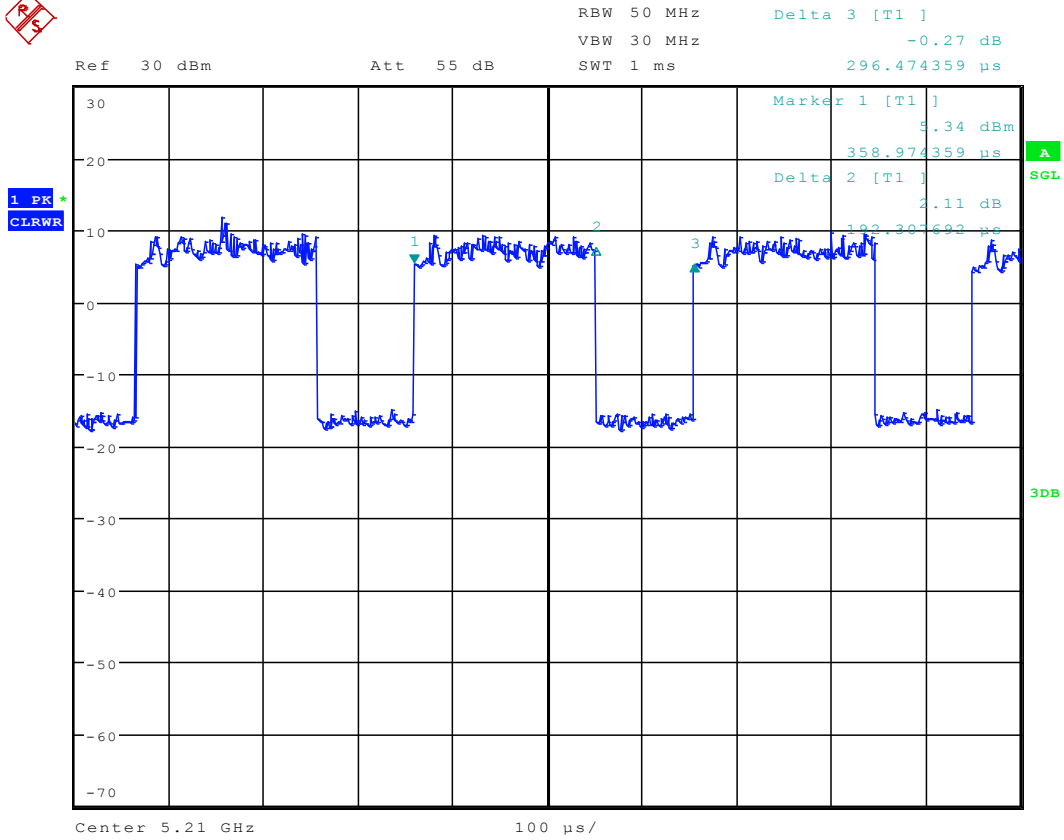
### 8.23 11ac80M Ant 1



Date: 13.SEP.2017 17:51:46



### 8.24 11ac80M Ant 2



Date: 15.SEP.2017 17:09:03



# Appendix D: Maximum Conducted Output Power

**9 Result Table**

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A20	36	5180	ANT 1	13.16	PASS
	36	5180	ANT 2	11.54	PASS
	48	5240	ANT 1	13.39	PASS
	48	5240	ANT 2	11.36	PASS
	52	5260	ANT 1	13.53	PASS
	52	5260	ANT 2	11.5	PASS
	64	5320	ANT 1	13.44	PASS
	64	5320	ANT 2	11.43	PASS
	100	5500	ANT 1	12.83	PASS
	100	5500	ANT 2	11.83	PASS
	140	5700	ANT 1	13.31	PASS
	140	5700	ANT 2	11.73	PASS
	144	5720	ANT 1	13.44	PASS
	144	5720	ANT 2	12.02	PASS
	149	5745	ANT 1	13.44	PASS
	149	5745	ANT 2	12.26	PASS
	165	5825	ANT 1	13.06	PASS
	165	5825	ANT 2	11.46	PASS
11N20	36	5180	ANT 1	12.99	PASS
	36	5180	ANT 2	11.41	PASS
	48	5240	ANT 1	13.28	PASS
	48	5240	ANT 2	11.38	PASS
	52	5260	ANT 1	13.34	PASS
	52	5260	ANT 2	11.28	PASS
	64	5320	ANT 1	13.18	PASS
	64	5320	ANT 2	11.48	PASS
	100	5500	ANT 1	12.91	PASS
	100	5500	ANT 2	11.84	PASS
	140	5700	ANT 1	13.37	PASS
	140	5700	ANT 2	11.62	PASS
	144	5720	ANT 1	13.45	PASS
	144	5720	ANT 2	11.73	PASS
	149	5745	ANT 1	13.33	PASS
	149	5745	ANT 2	12.23	PASS



	165	5825	ANT 1	13.02	PASS
	165	5825	ANT 2	11.5	PASS
11N20MIMO	36	5180	ANT 1	12.04	---
	36	5180	ANT 2	10.47	---
	36	5180	SUM	14.34	PASS
	48	5240	ANT 1	11.93	---
	48	5240	ANT 2	10.57	---
	48	5240	SUM	14.31	PASS
	52	5260	ANT 1	12.09	---
	52	5260	ANT 2	10.58	---
	52	5260	SUM	14.41	PASS
	64	5320	ANT 1	12.47	---
	64	5320	ANT 2	10.43	---
	64	5320	SUM	14.58	PASS
	100	5500	ANT 1	12.34	---
	100	5500	ANT 2	10.71	---
	100	5500	SUM	14.61	PASS
	140	5700	ANT 1	12.06	---
	140	5700	ANT 2	10.59	---
	140	5700	SUM	14.40	PASS
	144	5720	ANT 1	12.24	---
	144	5720	ANT 2	10.77	---
	144	5720	SUM	14.58	PASS
	149	5745	ANT 1	11.81	---
	149	5745	ANT 2	10.74	---
	149	5745	SUM	14.32	PASS
165	5825	ANT 1	11.81	---	
165	5825	ANT 2	10.22	---	
165	5825	SUM	14.10	PASS	
11N40	38	5190	ANT 1	10.27	PASS
	38	5190	ANT 2	9.67	PASS
	46	5230	ANT 1	10.05	PASS
	46	5230	ANT 2	9.64	PASS
	54	5270	ANT 1	10.53	PASS
	54	5270	ANT 2	9.67	PASS
	62	5310	ANT 1	10.77	PASS
	62	5310	ANT 2	9.69	PASS
	102	5510	ANT 1	10.72	PASS
	102	5510	ANT 2	8.6	PASS
	134	5670	ANT 1	10.39	PASS
	134	5670	ANT 2	8.17	PASS

	142	5710	ANT 1	10.77	PASS
	142	5710	ANT 2	8.77	PASS
	151	5755	ANT 1	10.43	PASS
	151	5755	ANT 2	8.88	PASS
	159	5795	ANT 1	10.41	PASS
	159	5795	ANT 2	8.61	PASS
11N40MIMO	38	5190	ANT 1	9.09	---
	38	5190	ANT 2	7.39	---
	38	5190	SUM	11.33	PASS
	46	5230	ANT 1	8.96	---
	46	5230	ANT 2	7.47	---
	46	5230	SUM	11.29	PASS
	54	5270	ANT 1	9.29	---
	54	5270	ANT 2	7.21	---
	54	5270	SUM	11.38	PASS
	62	5310	ANT 1	9.46	---
	62	5310	ANT 2	7.07	---
	62	5310	SUM	11.44	PASS
	102	5510	ANT 1	9.37	---
	102	5510	ANT 2	7.38	---
	102	5510	SUM	11.50	PASS
	134	5670	ANT 1	9.38	---
	134	5670	ANT 2	7.1	---
	134	5670	SUM	11.4	PASS
	142	5710	ANT 1	9.58	---
	142	5710	ANT 2	7.35	---
	142	5710	SUM	11.62	PASS
	151	5755	ANT 1	9.22	---
	151	5755	ANT 2	7.76	---
	151	5755	SUM	11.56	PASS
159	5795	ANT 1	9.28	---	
159	5795	ANT 2	7.48	---	
159	5795	SUM	11.48	PASS	
11AC20	36	5180	ANT 1	13.26	PASS
	36	5180	ANT 2	11.45	PASS
	48	5240	ANT 1	13.47	PASS
	48	5240	ANT 2	11.39	PASS
	52	5260	ANT 1	13.52	PASS
	52	5260	ANT 2	11.5	PASS
	64	5320	ANT 1	13.26	PASS
	64	5320	ANT 2	11.46	PASS

	100	5500	ANT 1	13.09	PASS
	100	5500	ANT 2	11.84	PASS
	140	5700	ANT 1	13.22	PASS
	140	5700	ANT 2	11.65	PASS
	144	5720	ANT 1	13.37	PASS
	144	5720	ANT 2	11.86	PASS
	149	5745	ANT 1	13.44	PASS
	149	5745	ANT 2	12.08	PASS
	165	5825	ANT 1	13.01	PASS
	165	5825	ANT 2	11.61	PASS
11AC20MIMO	36	5180	ANT 1	12.18	---
	36	5180	ANT 2	10.42	---
	36	5180	SUM	14.40	PASS
	48	5240	ANT 1	11.83	---
	48	5240	ANT 2	10.53	---
	48	5240	SUM	14.24	PASS
	52	5260	ANT 1	12.17	---
	52	5260	ANT 2	10.38	---
	52	5260	SUM	14.38	PASS
	64	5320	ANT 1	12.43	---
	64	5320	ANT 2	10.25	---
	64	5320	SUM	14.49	PASS
	100	5500	ANT 1	12.33	---
	100	5500	ANT 2	10.56	---
	100	5500	SUM	14.54	PASS
	140	5700	ANT 1	12.14	---
	140	5700	ANT 2	10.41	---
	140	5700	SUM	14.37	PASS
	144	5720	ANT 1	12.15	---
	144	5720	ANT 2	10.79	---
	144	5700	SUM	14.53	PASS
	149	5745	ANT 1	11.99	---
	149	5745	ANT 2	10.91	---
	149	5745	SUM	14.49	PASS
165	5825	ANT 1	11.84	---	
165	5825	ANT 2	9.99	---	
165	5825	SUM	14.02	PASS	
11AC40	38	5190	ANT 1	11.33	PASS
	38	5190	ANT 2	9.74	PASS
	46	5230	ANT 1	10.9	PASS
	46	5230	ANT 2	9.58	PASS





	54	5270	ANT 1	11.1	PASS
	54	5270	ANT 2	9.76	PASS
	62	5310	ANT 1	11.34	PASS
	62	5310	ANT 2	9.6	PASS
	102	5510	ANT 1	11.07	PASS
	102	5510	ANT 2	9.97	PASS
	134	5670	ANT 1	11.08	PASS
	134	5670	ANT 2	9.55	PASS
	142	5710	ANT 1	11.26	PASS
	142	5710	ANT 2	8.86	PASS
	151	5755	ANT 1	11.22	PASS
	151	5755	ANT 2	10.22	PASS
	159	5795	ANT 1	11.16	PASS
	159	5795	ANT 2	9..06	PASS
11AC40MIMO	38	5190	ANT 1	9.11	---
	38	5190	ANT 2	7.41	---
	38	5190	SUM	11.35	PASS
	46	5230	ANT 1	8.88	---
	46	5230	ANT 2	7.55	---
	46	5230	SUM	11.28	PASS
	54	5270	ANT 1	9.36	---
	54	5270	ANT 2	7.19	---
	54	5270	SUM	11.42	PASS
	62	5310	ANT 1	9.63	---
	62	5310	ANT 2	7.18	---
	62	5310	SUM	11.59	PASS
	102	5510	ANT 1	9.57	---
	102	5510	ANT 2	7.25	---
	102	5510	SUM	11.57	PASS
	134	5670	ANT 1	9.34	---
	134	5670	ANT 2	7.14	---
	134	5670	SUM	11.39	PASS
	142	5710	ANT 1	9.6	---
	142	5710	ANT 2	7.43	---
	142	5710	SUM	11.66	PASS
	151	5755	ANT 1	9.14	---
	151	5755	ANT 2	7.85	---
	151	5755	SUM	11.55	PASS
	159	5795	ANT 1	9.24	---
	159	5795	ANT 2	7.23	---
	159	5795	SUM	11.36	PASS



11AC80	42	5210	ANT 1	10.65	PASS
	42	5210	ANT 2	9.14	PASS
	58	5290	ANT 1	11.02	PASS
	58	5290	ANT 2	8.96	PASS
	106	5530	ANT 1	10.74	PASS
	106	5530	ANT 2	9	PASS
	138	5690	ANT 1	10.46	PASS
	138	5690	ANT 2	9.21	PASS
	155	5775	ANT 1	10.92	PASS
	155	5775	ANT 2	9.33	PASS
11AC80MIMO	42	5210	ANT 1	8.87	---
	42	5210	ANT 2	7.61	---
	42	5210	SUM	11.30	PASS
	58	5290	ANT 1	9.35	---
	58	5290	ANT 2	7.14	---
	58	5290	SUM	11.39	PASS
	106	5530	ANT 1	8.92	---
	106	5530	ANT 2	7.35	---
	106	5530	SUM	11.22	PASS
	138	5690	ANT 1	9.27	---
	138	5690	ANT 2	7.23	---
	138	5690	SUM	11.38	PASS
	155	5775	ANT 1	9.05	---
	155	5775	ANT 2	7.49	---
155	5775	SUM	11.35	PASS	
11A-CDD	36	5180	ANT 1	12	PASS
	36	5180	ANT 2	10.73	PASS
	36	5180	SUM	14.42	PASS
	48	5240	ANT 1	12.41	PASS
	48	5240	ANT 2	10.6	PASS
	48	5240	SUM	14.61	PASS
	52	5260	ANT 1	12.6	PASS
	52	5260	ANT 2	10.47	PASS
	52	5260	SUM	14.67	PASS
	64	5320	ANT 1	12.34	PASS
	64	5320	ANT 2	10.51	PASS
	64	5320	SUM	14.53	PASS
	100	5500	ANT 1	12.07	PASS
	100	5500	ANT 2	11.11	PASS
	100	5500	SUM	14.63	PASS



	140	5700	ANT 1	12.08	PASS
	140	5700	ANT 2	10.88	PASS
	140	5700	SUM	14.53	PASS
	144	5720	ANT 1	12.42	PASS
	144	5720	ANT 2	10.96	PASS
	144	5720	SUM	14.76	PASS
	149	5745	ANT 1	12.19	PASS
	149	5745	ANT 2	11.27	PASS
	149	5745	SUM	14.76	PASS
	165	5825	ANT 1	11.94	PASS
	165	5825	ANT 2	10.92	PASS
	165	5825	SUM	14.47	PASS



# Appendix E: Peak Power Spectral Density Level

**10 Result Table**

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Meas. Level (Cond.) [dBm]	Verdict
11A20	36	5180	ANT 1	3.46	PASS
	36	5180	ANT 2	1.76	PASS
	48	5240	ANT 1	3.45	PASS
	48	5240	ANT 2	1.44	PASS
	52	5260	ANT 1	3.72	PASS
	52	5260	ANT 2	1.39	PASS
	64	5320	ANT 1	3.64	PASS
	64	5320	ANT 2	1.82	PASS
	100	5500	ANT 1	3.21	PASS
	100	5500	ANT 2	2.15	PASS
	140	5700	ANT 1	3.53	PASS
	140	5700	ANT 2	1.98	PASS
	144	5720	ANT 1	3.54	PASS
	144	5720	ANT 2	2.12	PASS
	149	5745	ANT 1	3.24	PASS
	149	5745	ANT 2	2.12	PASS
	165	5825	ANT 1	3.16	PASS
	165	5825	ANT 2	1.78	PASS
11N20	36	5180	ANT 1	3.27	PASS
	36	5180	ANT 2	1.27	PASS
	48	5240	ANT 1	3.11	PASS
	48	5240	ANT 2	1.74	PASS
	52	5260	ANT 1	3.04	PASS
	52	5260	ANT 2	1.65	PASS
	64	5320	ANT 1	3.57	PASS
	64	5320	ANT 2	1.51	PASS
	100	5500	ANT 1	3.09	PASS
	100	5500	ANT 2	1.67	PASS
	140	5700	ANT 1	3.11	PASS
	140	5700	ANT 2	1.72	PASS
	144	5720	ANT 1	3.49	PASS
	144	5720	ANT 2	2.1	PASS
	149	5745	ANT 1	3.41	PASS
	149	5745	ANT 2	2.24	PASS

	165	5825	ANT 1	3.33	PASS
	165	5825	ANT 2	1.83	PASS
11N20MIMO	36	5180	ANT 1	2.88	PASS
	36	5180	ANT 2	1.73	PASS
	36	5180	SUM	5.35	PASS
	48	5240	ANT 1	2.52	---
	48	5240	ANT 2	2.01	---
	48	5240	SUM	5.28	PASS
	52	5260	ANT 1	2.84	---
	52	5260	ANT 2	1.68	---
	52	5260	SUM	5.31	PASS
	64	5320	ANT 1	2.95	---
	64	5320	ANT 2	1.48	---
	64	5320	SUM	5.29	PASS
	100	5500	ANT 1	2.71	---
	100	5500	ANT 2	1.85	---
	100	5500	SUM	5.31	PASS
	140	5700	ANT 1	2.82	---
	140	5700	ANT 2	2.18	---
	140	5700	SUM	5.52	PASS
	144	5720	ANT 1	3.01	---
	144	5720	ANT 2	2.32	---
	144	5720	SUM	5.69	PASS
	149	5745	ANT 1	2.55	---
	149	5745	ANT 2	2.14	---
	149	5745	SUM	5.36	PASS
165	5825	ANT 1	2.35	---	
165	5825	ANT 2	1.29	---	
165	5825	SUM	4.86	PASS	
11N40	38	5190	ANT 1	-0.71	PASS
	38	5190	ANT 2	-2.6	PASS
	46	5230	ANT 1	-0.57	PASS
	46	5230	ANT 2	-2.23	PASS
	54	5270	ANT 1	-0.67	PASS
	54	5270	ANT 2	-2.51	PASS
	62	5310	ANT 1	-0.68	PASS
	62	5310	ANT 2	-2.59	PASS
	102	5510	ANT 1	-0.5	PASS
	102	5510	ANT 2	-2.06	PASS
	134	5670	ANT 1	-0.6	PASS
	134	5670	ANT 2	-2.28	PASS

	142	5710	ANT 1	-0.57	ANT 1
	142	5710	ANT 2	-2.03	ANT 2
	151	5755	ANT 1	-0.53	PASS
	151	5755	ANT 2	-2.3	PASS
	159	5795	ANT 1	-0.67	PASS
	159	5795	ANT 2	-2.27	PASS
11N40MIMO	38	5190	ANT 1	-1.05	---
	38	5190	ANT 2	-2.41	---
	38	5190	SUM	1.33	PASS
	46	5230	ANT 1	-1.16	---
	46	5230	ANT 2	-2.43	---
	46	5230	SUM	1.26	PASS
	54	5270	ANT 1	-1.18	---
	54	5270	ANT 2	-2.43	---
	54	5270	SUM	1.25	PASS
	62	5310	ANT 1	-1.24	---
	62	5310	ANT 2	-2.6	---
	62	5310	SUM	1.14	PASS
	102	5510	ANT 1	-0.88	---
	102	5510	ANT 2	-2.04	---
	102	5510	SUM	1.59	PASS
	134	5670	ANT 1	-1.17	---
	134	5670	ANT 2	-2.69	---
	134	5670	SUM	1.15	PASS
	142	5710	ANT 1	-0.87	---
	142	5710	ANT 2	-1.57	---
	142	5710	SUM	1.8	PASS
	151	5755	ANT 1	-0.71	---
	151	5755	ANT 2	-1.68	---
	151	5755	SUM	1.84	PASS
159	5795	ANT 1	-1.01	---	
159	5795	ANT 2	-2.28	---	
159	5795	SUM	1.41	PASS	
11AC20	36	5180	ANT 1	3.82	PASS
	36	5180	ANT 2	1.76	PASS
	48	5240	ANT 1	3.29	PASS
	48	5240	ANT 2	1.84	PASS
	52	5260	ANT 1	3.52	PASS
	52	5260	ANT 2	1.76	PASS
	64	5320	ANT 1	3.62	PASS
	64	5320	ANT 2	1.51	PASS



	100	5500	ANT 1	3.28	PASS
	100	5500	ANT 2	1.8	PASS
	140	5700	ANT 1	3.33	PASS
	140	5700	ANT 2	1.85	PASS
	144	5720	ANT 1	3.44	PASS
	144	5720	ANT 2	2.2	PASS
	149	5745	ANT 1	3.38	PASS
	149	5745	ANT 2	2.06	PASS
	165	5825	ANT 1	3.28	PASS
	165	5825	ANT 2	1.84	PASS
11AC20MIMO	36	5180	ANT 1	2.58	---
	36	5180	ANT 2	1.92	---
	36	5180	SUM	5.27	PASS
	48	5240	ANT 1	2.48	---
	48	5240	ANT 2	2.03	---
	48	5240	SUM	5.27	PASS
	52	5260	ANT 1	2.67	---
	52	5260	ANT 2	1.77	---
	52	5260	SUM	5.25	PASS
	64	5320	ANT 1	2.79	---
	64	5320	ANT 2	1.71	---
	64	5320	SUM	5.29	PASS
	100	5500	ANT 1	2.78	---
	100	5500	ANT 2	1.94	---
	100	5500	SUM	5.39	PASS
	140	5700	ANT 1	2.77	---
	140	5700	ANT 2	1.87	---
	140	5700	SUM	5.35	PASS
	144	5720	ANT 1	2.7	---
	144	5720	ANT 2	2.41	---
	144	5720	SUM	5.57	PASS
	149	5745	ANT 1	2.53	---
	149	5745	ANT 2	2.05	---
	149	5745	SUM	5.31	PASS
165	5825	ANT 1	2.37	---	
165	5825	ANT 2	1.91	---	
165	5825	SUM	5.16	PASS	
11AC40	38	5190	ANT 1	-1.25	PASS
	38	5190	ANT 2	-2.09	PASS
	46	5230	ANT 1	-1.21	PASS
	46	5230	ANT 2	-2.3	PASS





	54	5270	ANT 1	-1.15	PASS
	54	5270	ANT 2	-2.31	PASS
	62	5310	ANT 1	-1.05	PASS
	62	5310	ANT 2	-2.66	PASS
	102	5510	ANT 1	-1.02	PASS
	102	5510	ANT 2	-1.74	PASS
	134	5670	ANT 1	-1.17	PASS
	134	5670	ANT 2	-2.16	PASS
	142	5710	ANT 1	-1.73	PASS
	142	5710	ANT 2	-3.25	PASS
	151	5755	ANT 1	-0.98	PASS
	151	5755	ANT 2	-2.13	PASS
	159	5795	ANT 1	-0.94	PASS
	159	5795	ANT 2	-2.22	PASS
11AC40MIMO	38	5190	ANT 1	-1.04	PASS
	38	5190	ANT 2	-2.34	PASS
	38	5190	SUM	1.37	PASS
	46	5230	ANT 1	-1.42	---
	46	5230	ANT 2	-2.47	---
	46	5230	SUM	1.10	PASS
	54	5270	ANT 1	-0.92	---
	54	5270	ANT 2	-2.44	---
	54	5270	SUM	1.40	PASS
	62	5310	ANT 1	-1.1	---
	62	5310	ANT 2	-2.47	---
	62	5310	SUM	1.28	PASS
	102	5510	ANT 1	-0.89	---
	102	5510	ANT 2	-2.04	---
	102	5510	SUM	1.58	PASS
	134	5670	ANT 1	-1.03	---
	134	5670	ANT 2	-2.58	---
	134	5670	SUM	1.27	PASS
	142	5710	ANT 1	-1.03	---
	142	5710	ANT 2	-1.56	---
	142	5710	SUM	1.72	PASS
	151	5755	ANT 1	-0.93	---
	151	5755	ANT 2	-2.2	---
	151	5755	SUM	1.49	PASS
	159	5795	ANT 1	-0.72	---
	159	5795	ANT 2	-2	---
	159	5795	SUM	1.70	PASS

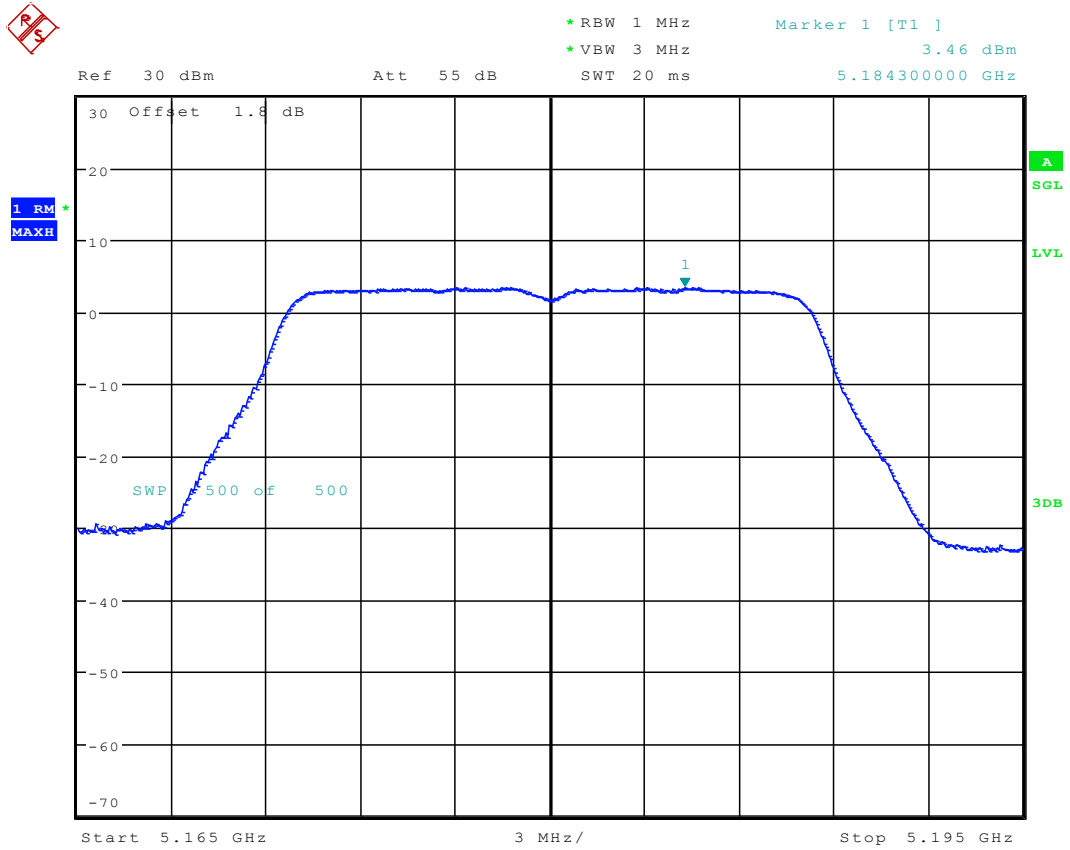


11AC80	42	5210	ANT 1	-2.93	PASS
	42	5210	ANT 2	-5.01	PASS
	58	5290	ANT 1	-3.05	PASS
	58	5290	ANT 2	-5.12	PASS
	106	5530	ANT 1	-3.22	PASS
	106	5530	ANT 2	-4.27	PASS
	138	5690	ANT 1	-3.25	PASS
	138	5690	ANT 2	-4.57	PASS
	155	5775	ANT 1	-3.08	PASS
	155	5775	ANT 2	-4.54	PASS
11AC80MIMO	42	5210	ANT 1	-3.07	---
	42	5210	ANT 2	-4.3	---
	42	5210	SUM	-0.63	PASS
	58	5290	ANT 1	-2.99	---
	58	5290	ANT 2	-4.94	---
	58	5290	SUM	-0.85	PASS
	106	5530	ANT 1	-3.18	---
	106	5530	ANT 2	-4.91	---
	106	5530	SUM	-0.95	PASS
	138	5690	ANT 1	-3.35	---
	138	5690	ANT 2	-4.05	---
	138	5690	SUM	-0.68	PASS
	155	5775	ANT 1	-3.04	---
	155	5775	ANT 2	-4.8	---
155	5775	SUM	-0.82	PASS	
11A-CDD	36	5180	ANT 1	2.61	PASS
	36	5180	ANT 2	1.18	PASS
	36	5180	SUM	4.96	PASS
	48	5240	ANT 1	2.47	PASS
	48	5240	ANT 2	1.51	PASS
	48	5240	SUM	5.03	PASS
	52	5260	ANT 1	2.56	PASS
	52	5260	ANT 2	0.99	PASS
	52	5260	SUM	4.86	PASS
	64	5320	ANT 1	2.53	PASS
	64	5320	ANT 2	1.06	PASS
	64	5320	SUM	4.87	PASS
	100	5500	ANT 1	2.19	PASS
	100	5500	ANT 2	1.66	PASS
100	5500	SUM	4.94	PASS	

140	5700	ANT 1	2.38	PASS
140	5700	ANT 2	1.56	PASS
140	5700	SUM	5.0	PASS
144	5720	ANT 1	2.52	PASS
144	5720	ANT 2	1.95	PASS
144	5720	SUM	5.25	PASS
149	5745	ANT 1	2.23	PASS
149	5745	ANT 2	1.78	PASS
149	5745	SUM	5.02	PASS
165	5825	ANT 1	2.2	PASS
165	5825	ANT 2	1.28	PASS
165	5825	SUM	4.77	PASS

## 11 Test Plot

### 11.1 11A20\_36 ANT 1

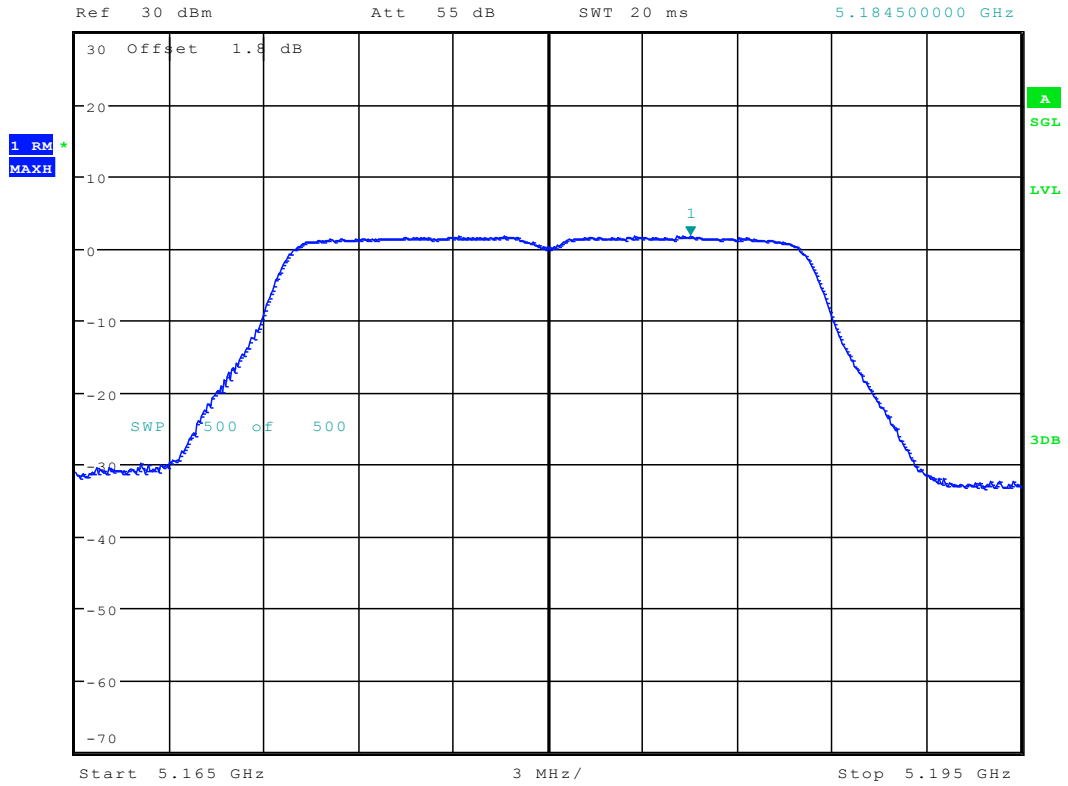


Date: 11.SEP.2017 11:29:29

### 11.2 11A20\_36 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.76 dBm  
SWT 20 ms      5.184500000 GHz

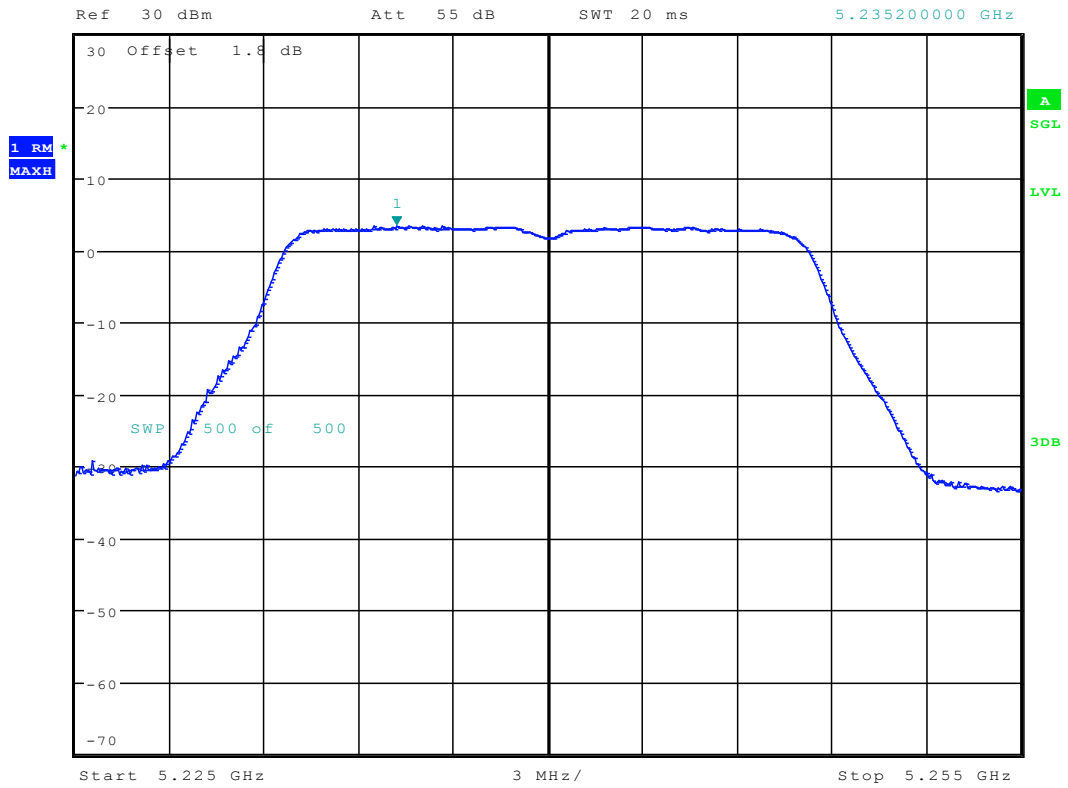


Date: 12.SEP.2017 14:14:41

### 11.3 11A20\_48 ANT 1

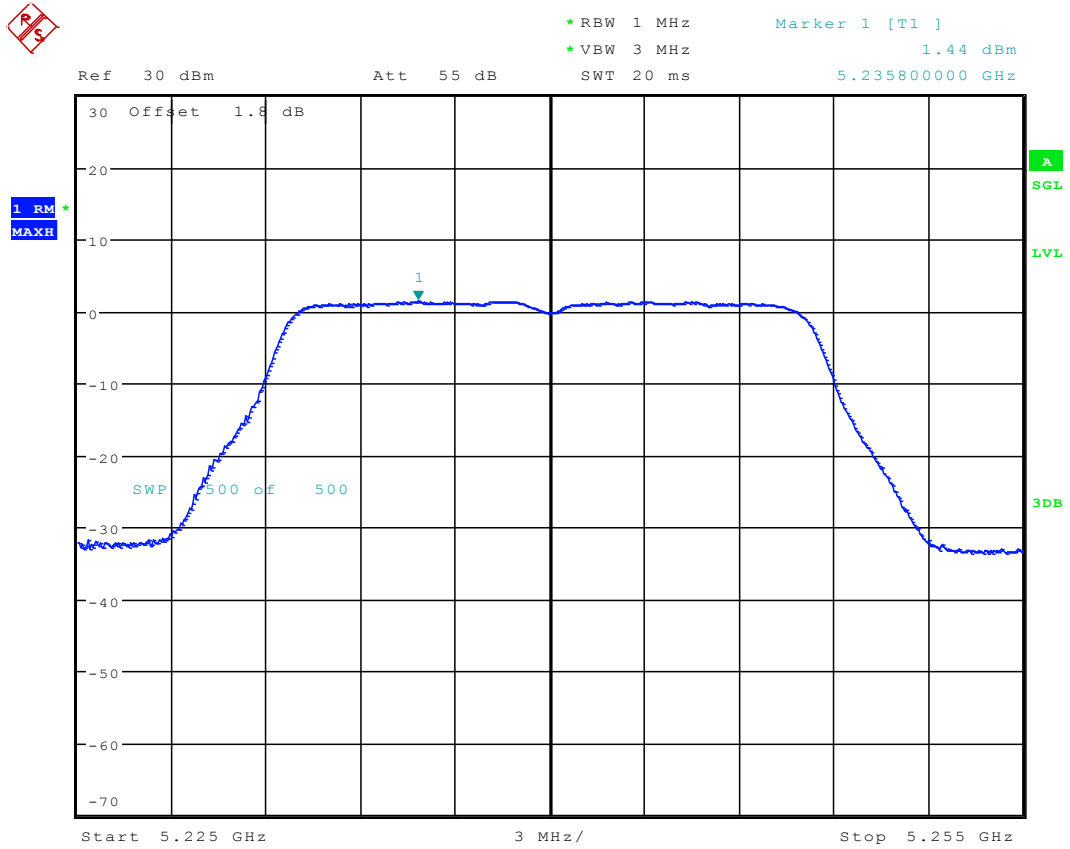


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.45 dBm  
SWT 20 ms      5.235200000 GHz



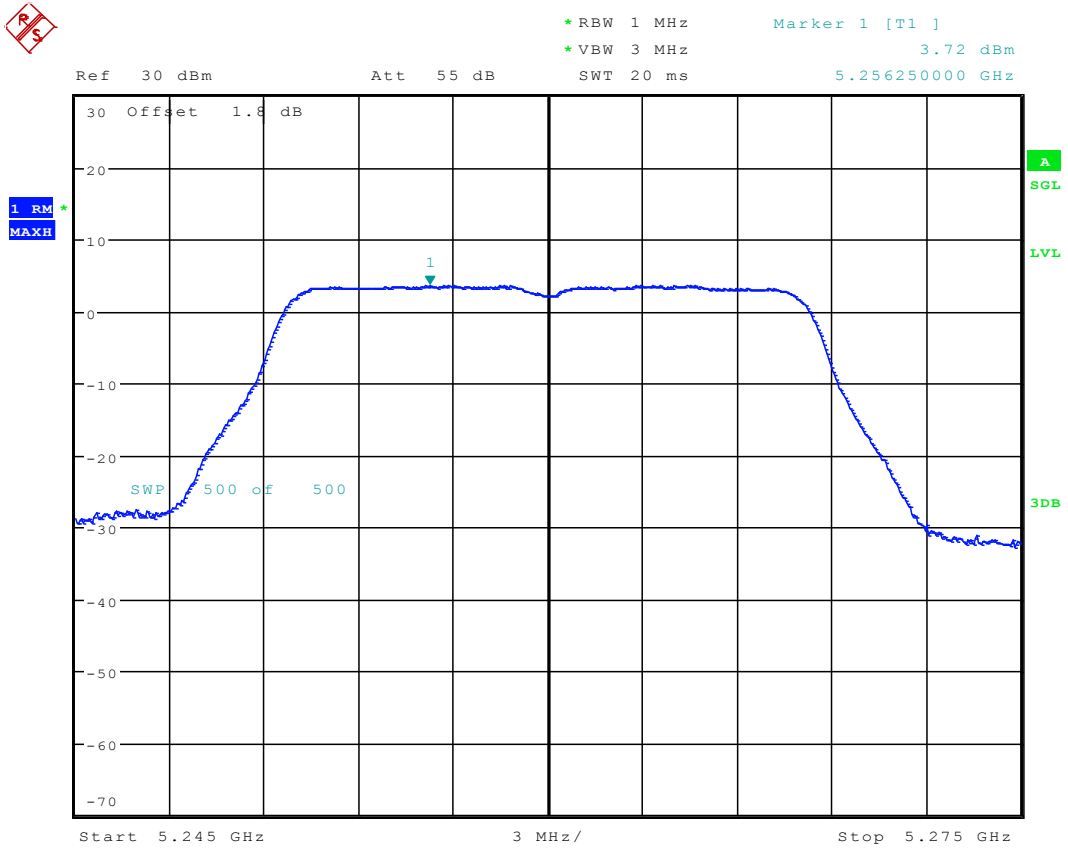
Date: 11.SEP.2017 11:44:18

### 11.4 11A20\_48 ANT 2



Date: 12.SEP.2017 14:18:36

### 11.5 11A20\_52 ANT 1



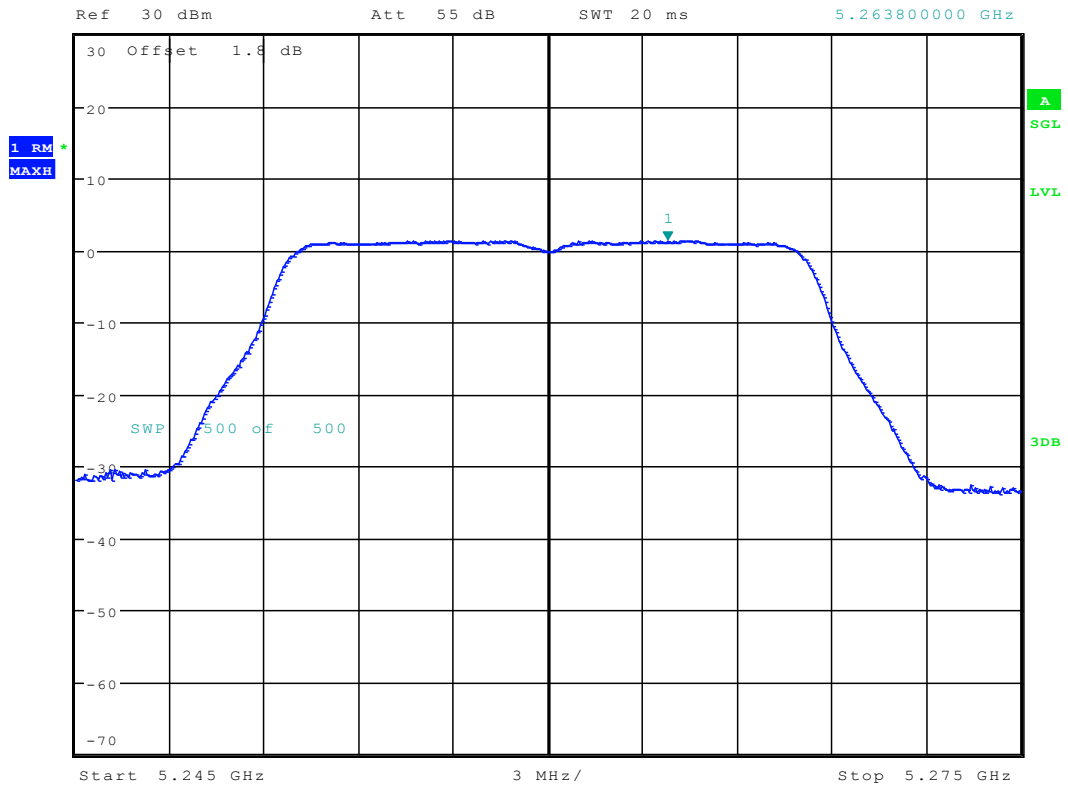
Date: 11.SEP.2017 11:50:23



### 11.6 11A20\_52 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.39 dBm  
SWT 20 ms      5.263800000 GHz

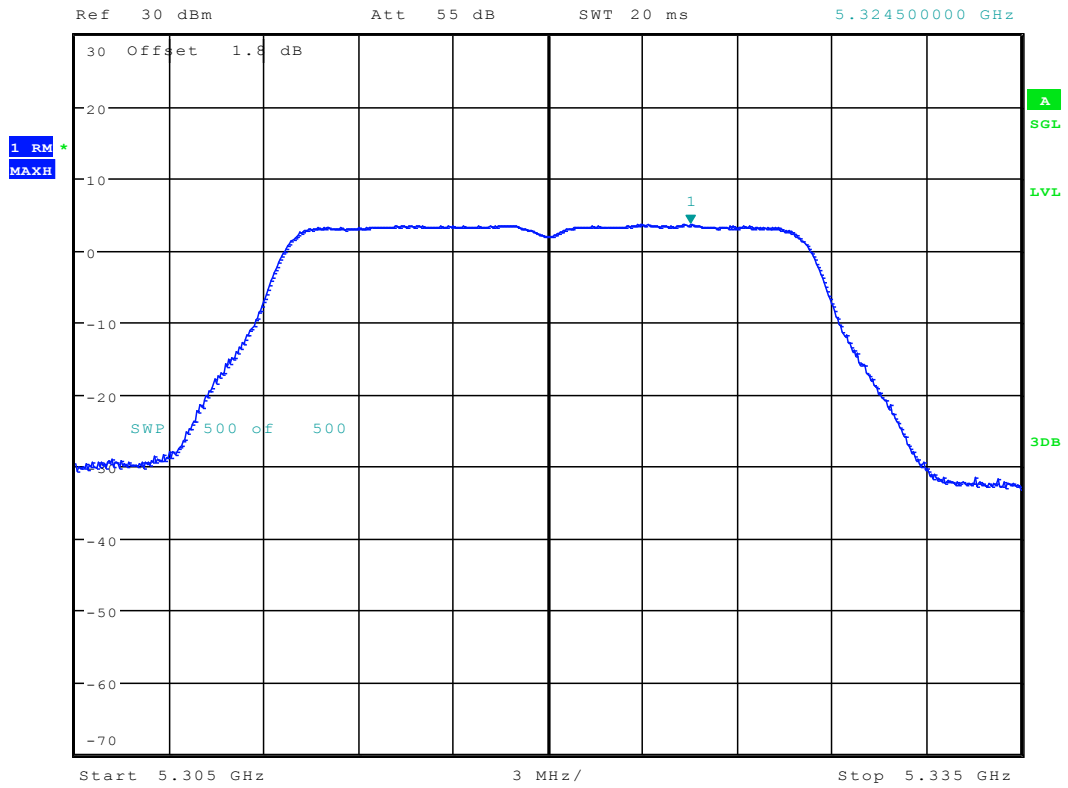


Date: 12.SEP.2017 14:26:39

### 11.7 11A20\_64 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.64 dBm  
SWT 20 ms      5.324500000 GHz

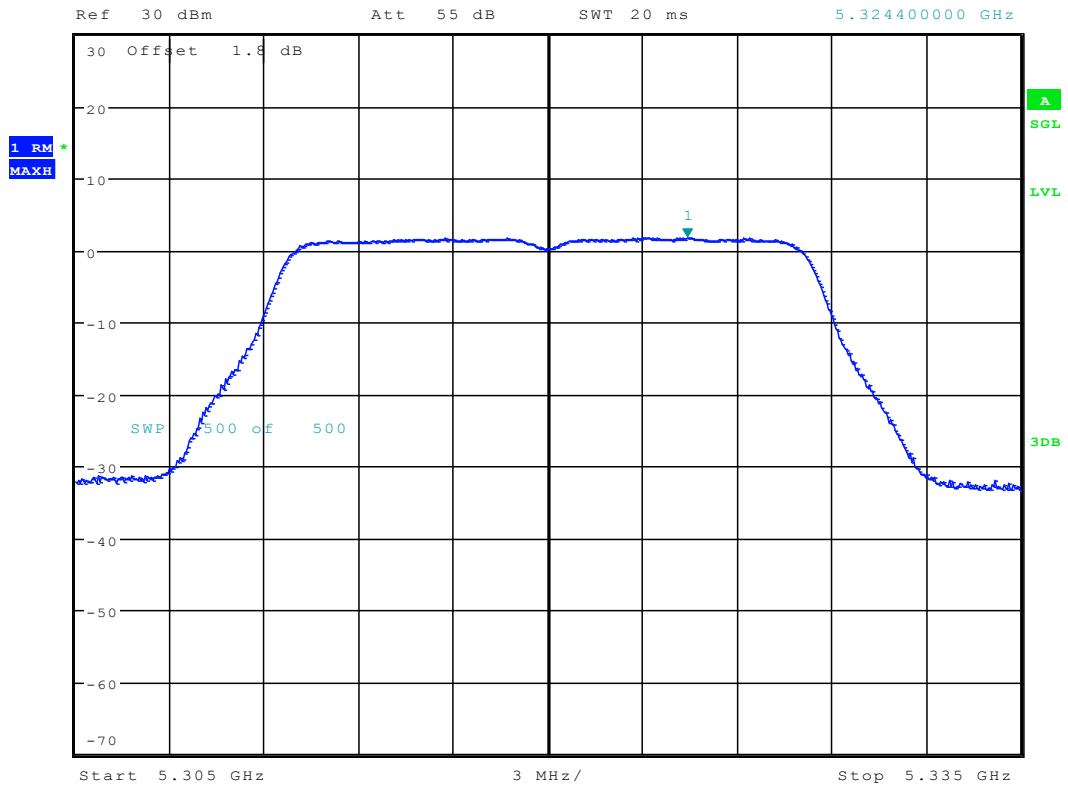


Date: 11.SEP.2017 11:53:05

### 11.8 11A20\_64 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.82 dBm  
SWT 20 ms      5.324400000 GHz

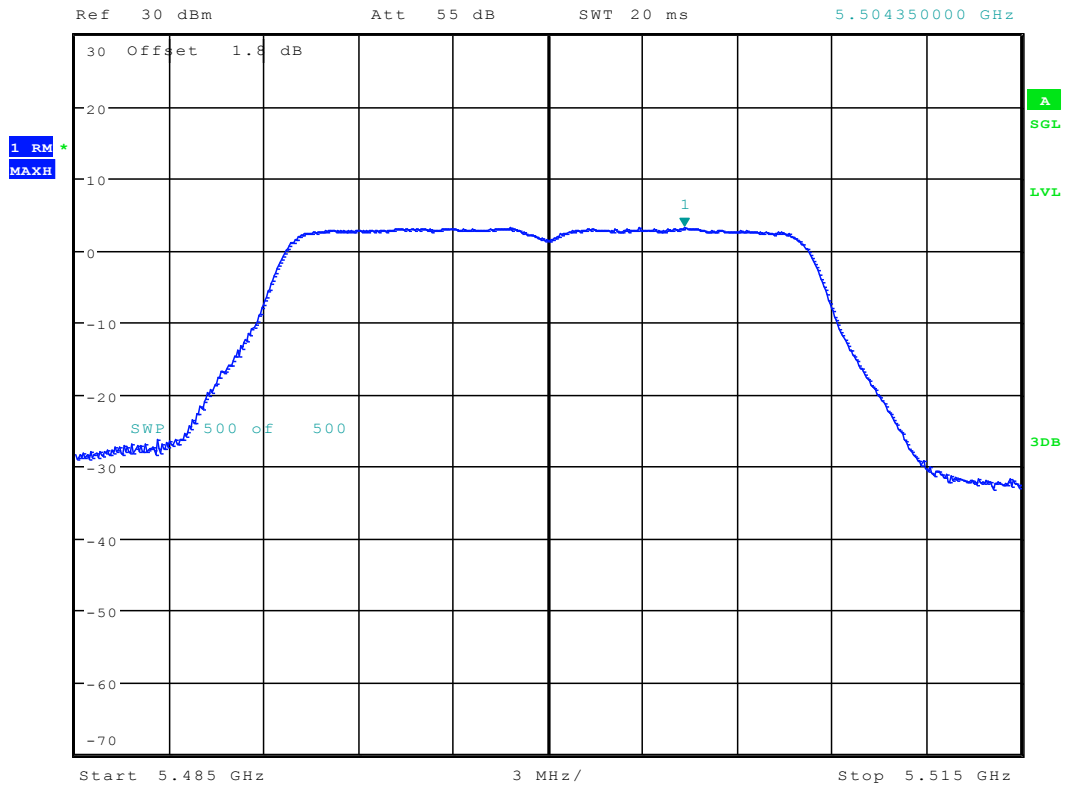


Date: 12.SEP.2017 14:31:16

### 11.9 11A20\_100 ANT 1

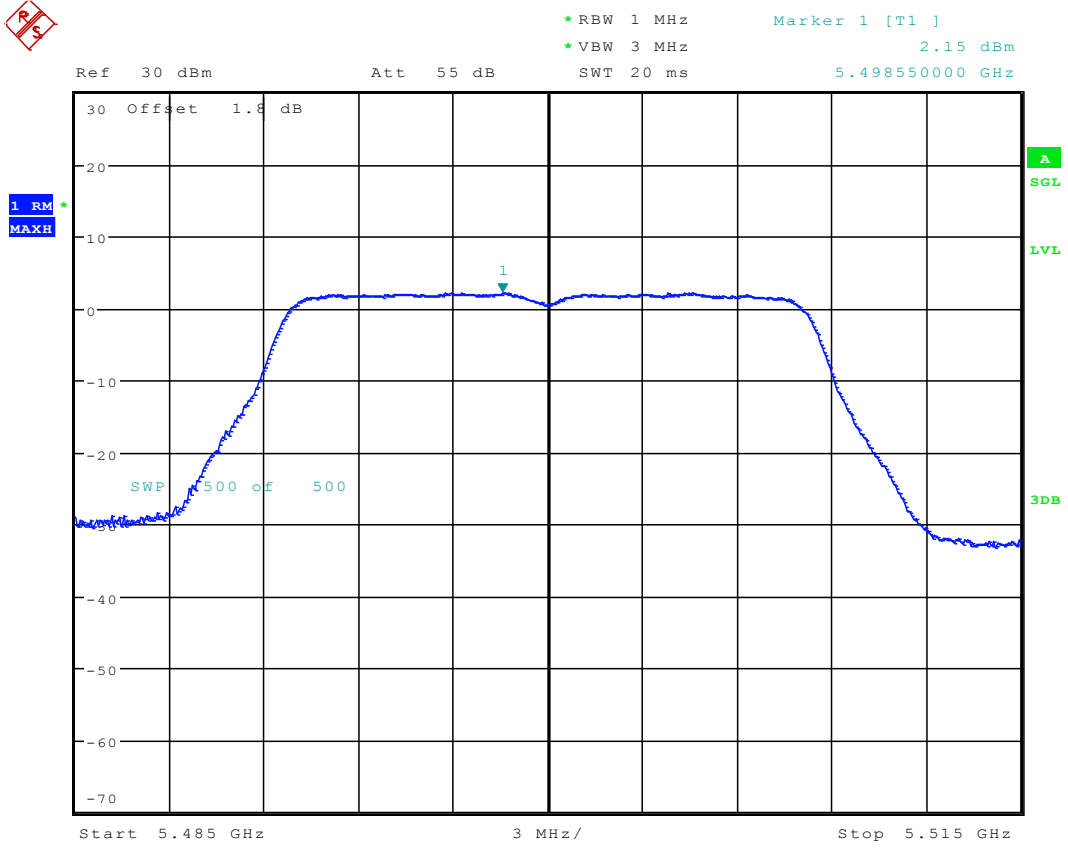


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.21 dBm  
SWT 20 ms      5.504350000 GHz



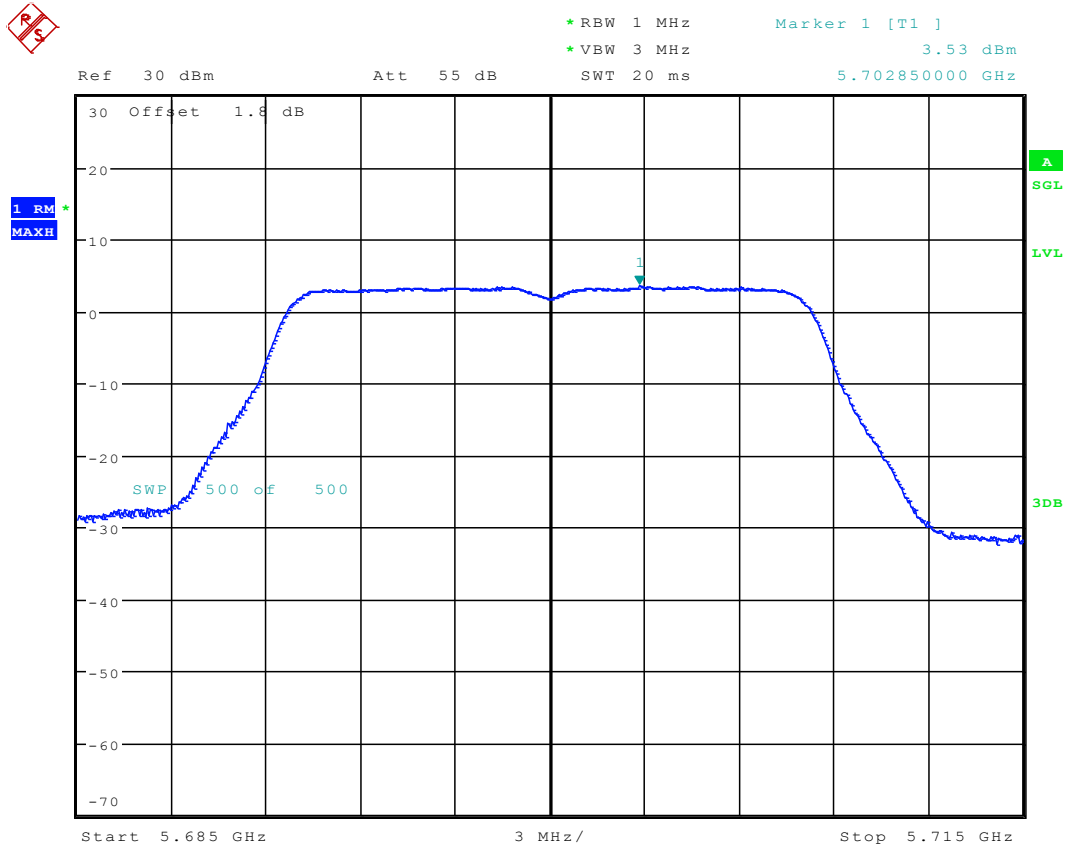
Date: 11.SEP.2017 11:56:13

### 11.10 11A20\_100 ANT 2



Date: 12.SEP.2017 14:39:00

### 11.11 11A20\_140 ANT 1

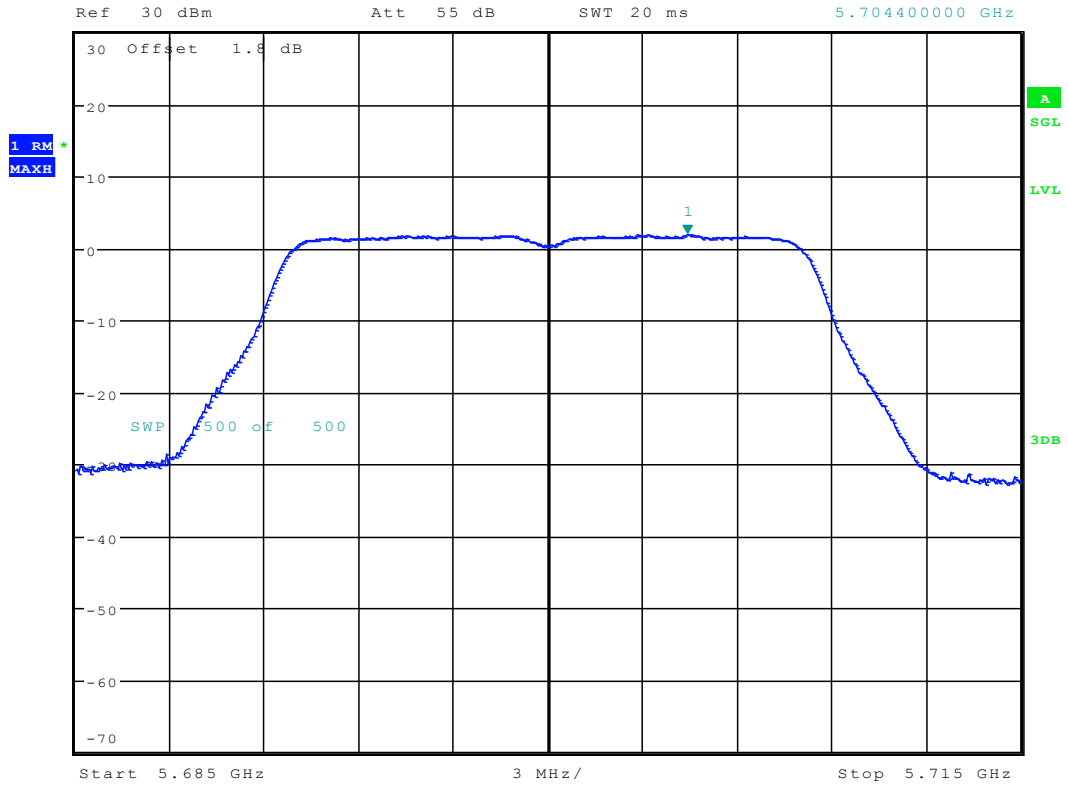


Date: 11.SEP.2017 11:59:51

### 11.12 11A20\_140 ANT 2

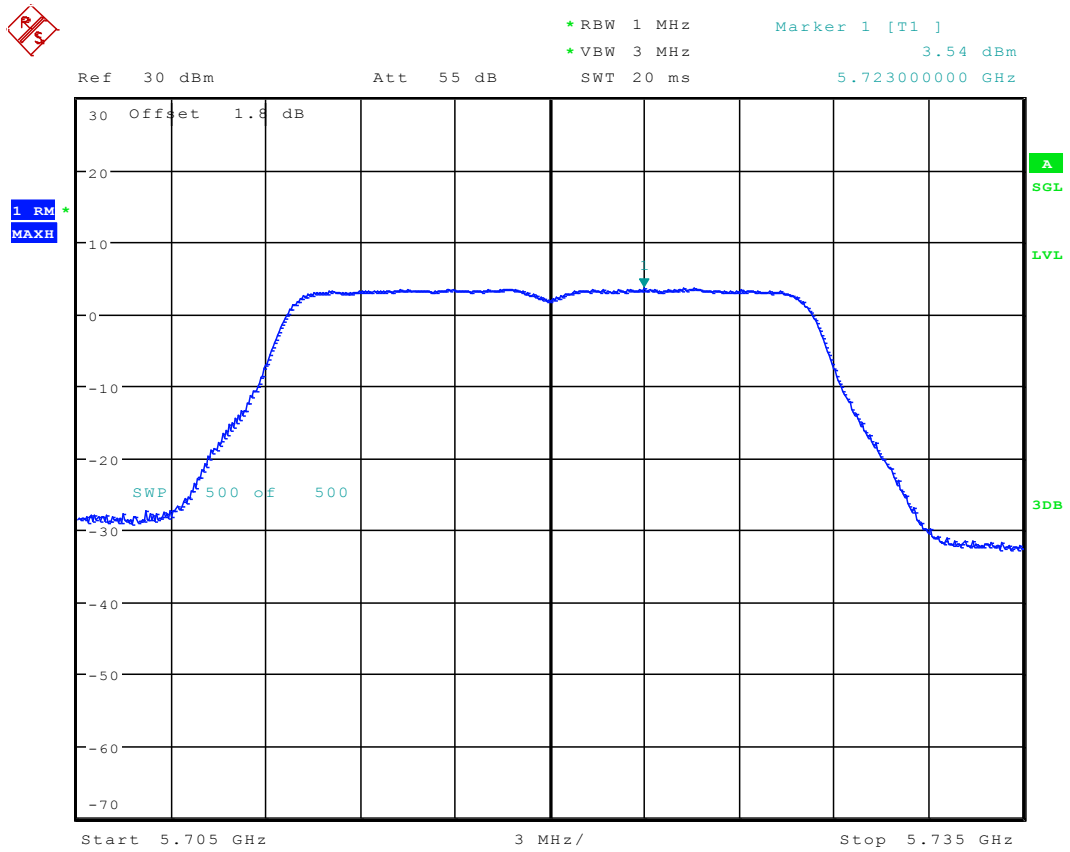


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.98 dBm  
SWT 20 ms      5.704400000 GHz



Date: 12.SEP.2017 14:46:24

## 11.13 11A20\_144 ANT 1



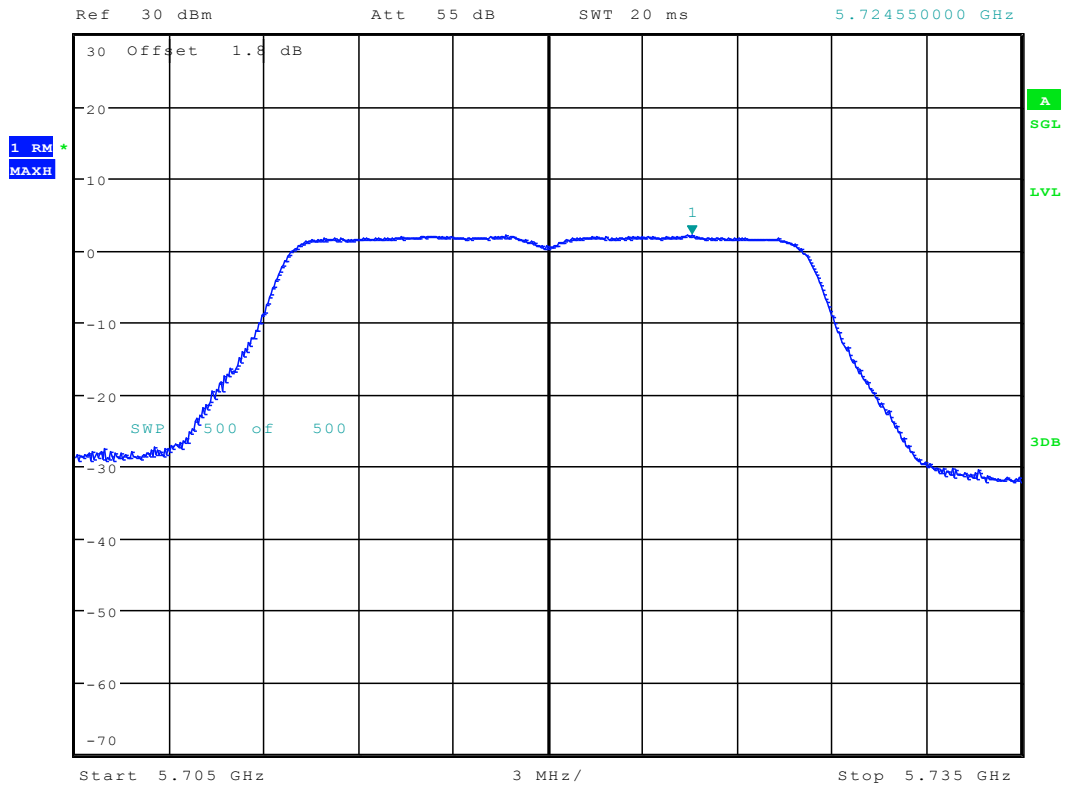
Date: 18.SEP.2017 14:06:38



### 11.14 11A20\_144 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.12 dBm  
SWT 20 ms      5.724550000 GHz

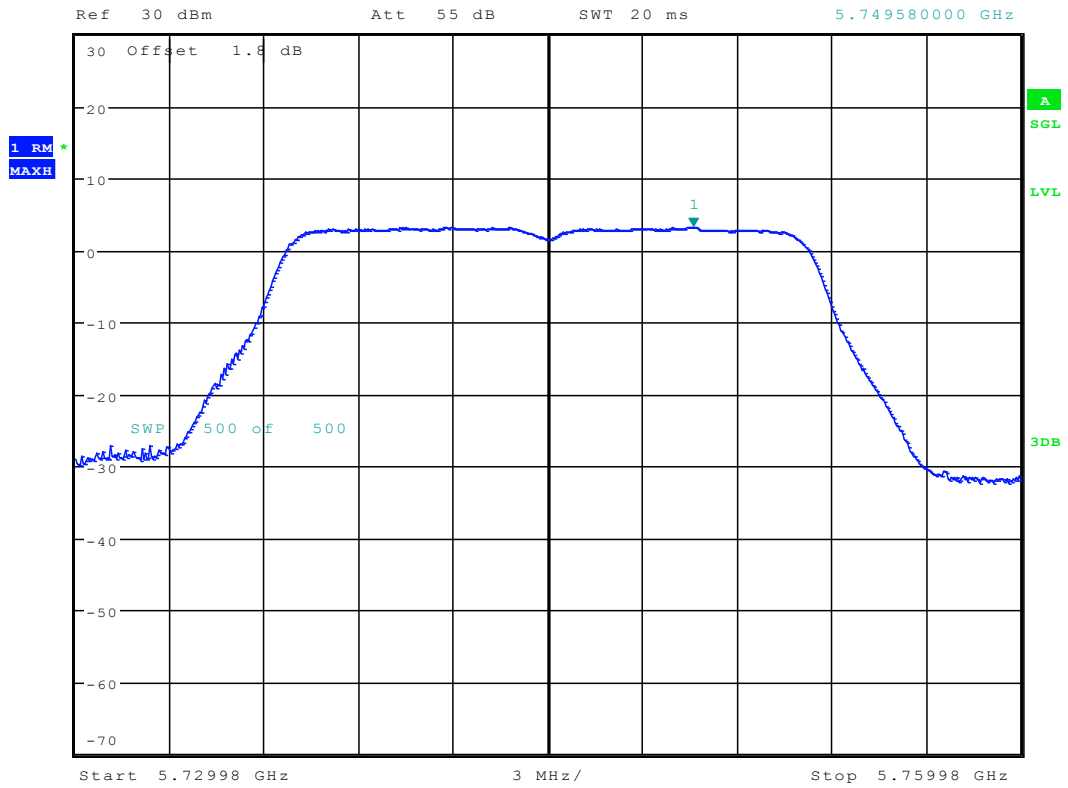


Date: 18.SEP.2017 14:39:58

### 11.15 11A20\_149 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      3.24 dBm  
SWT 20 ms      5.749580000 GHz



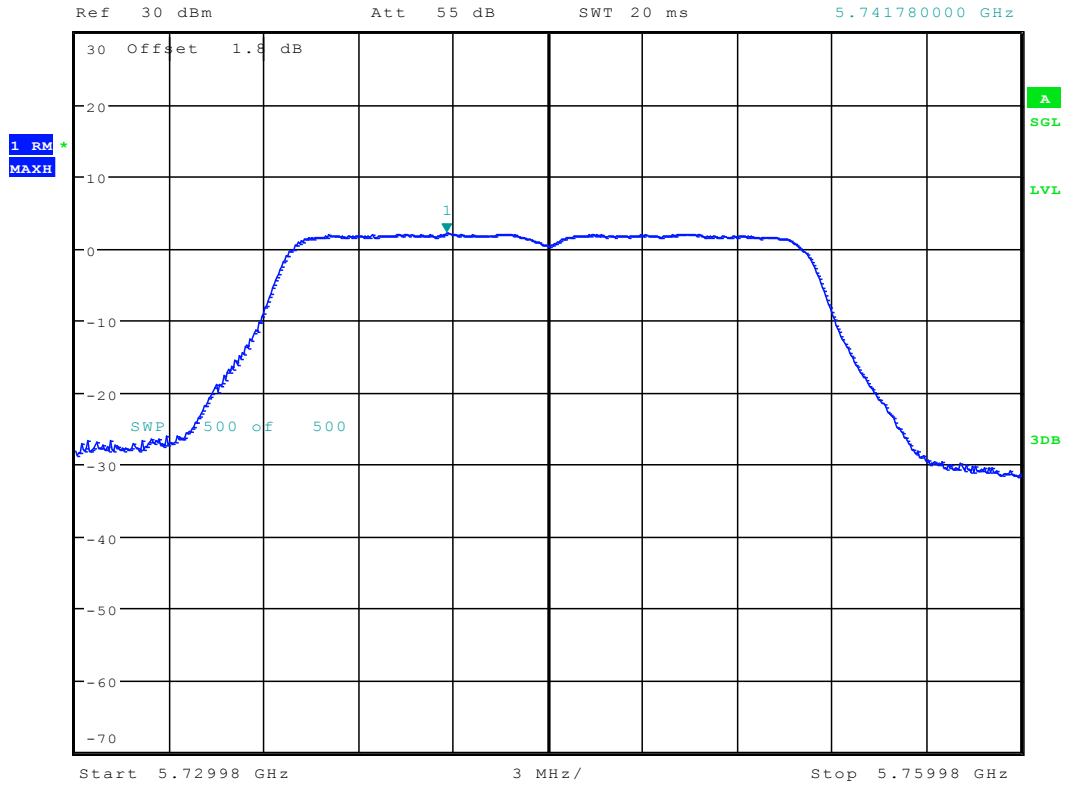
Date: 11.SEP.2017 12:06:33



### 11.16 11A20\_149 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      2.12 dBm  
SWT 20 ms      5.741780000 GHz

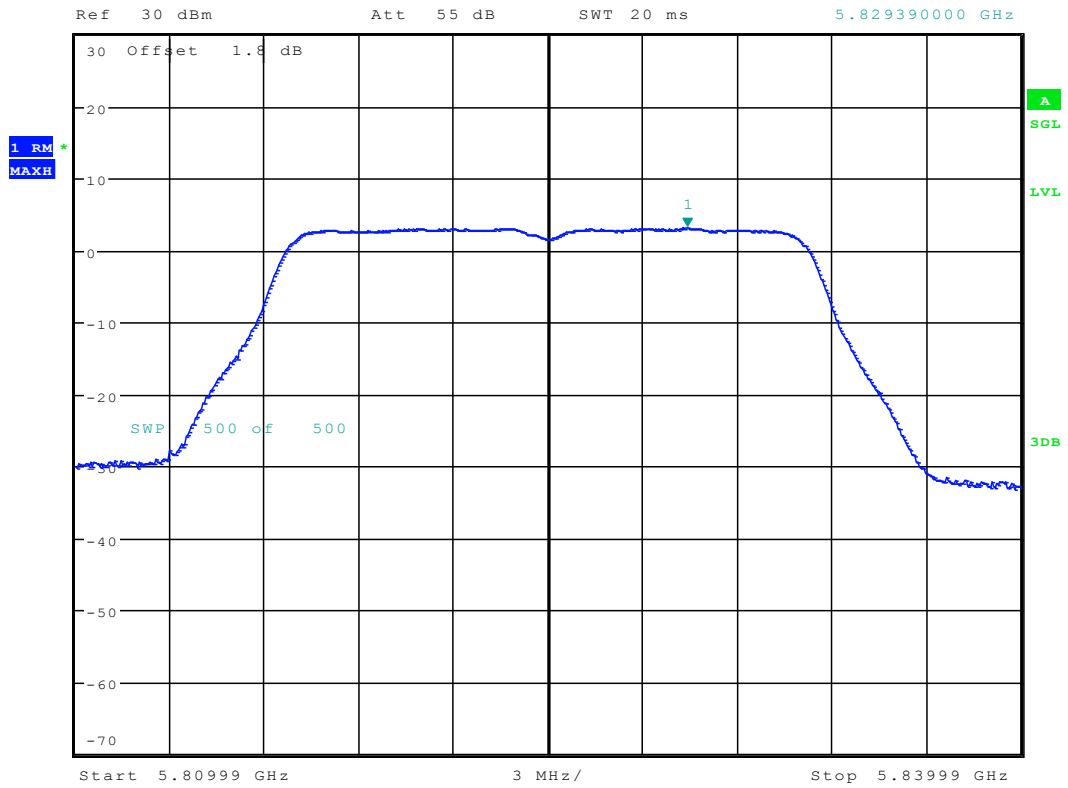


Date: 12.SEP.2017 14:50:04

### 11.17 11A20\_165 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      3.16 dBm  
SWT 20 ms      5.829390000 GHz

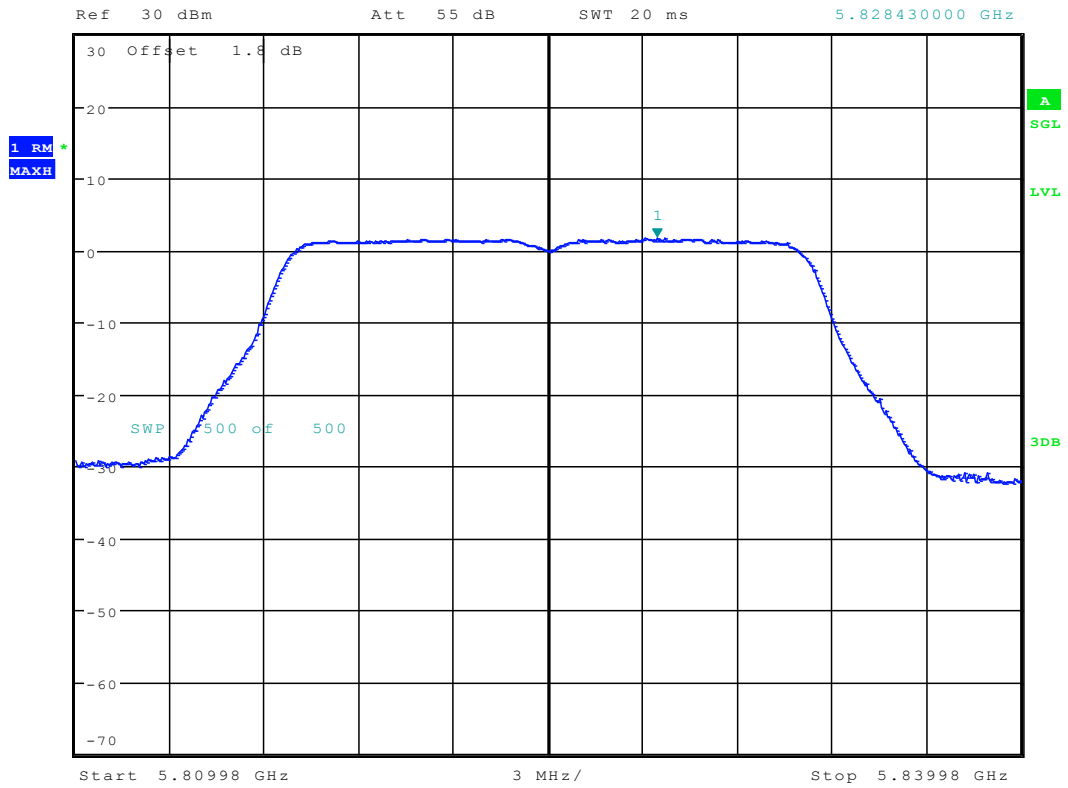


Date: 11.SEP.2017 12:10:38

### 11.18 11A20\_165 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      1.78 dBm  
SWT 20 ms      5.828430000 GHz

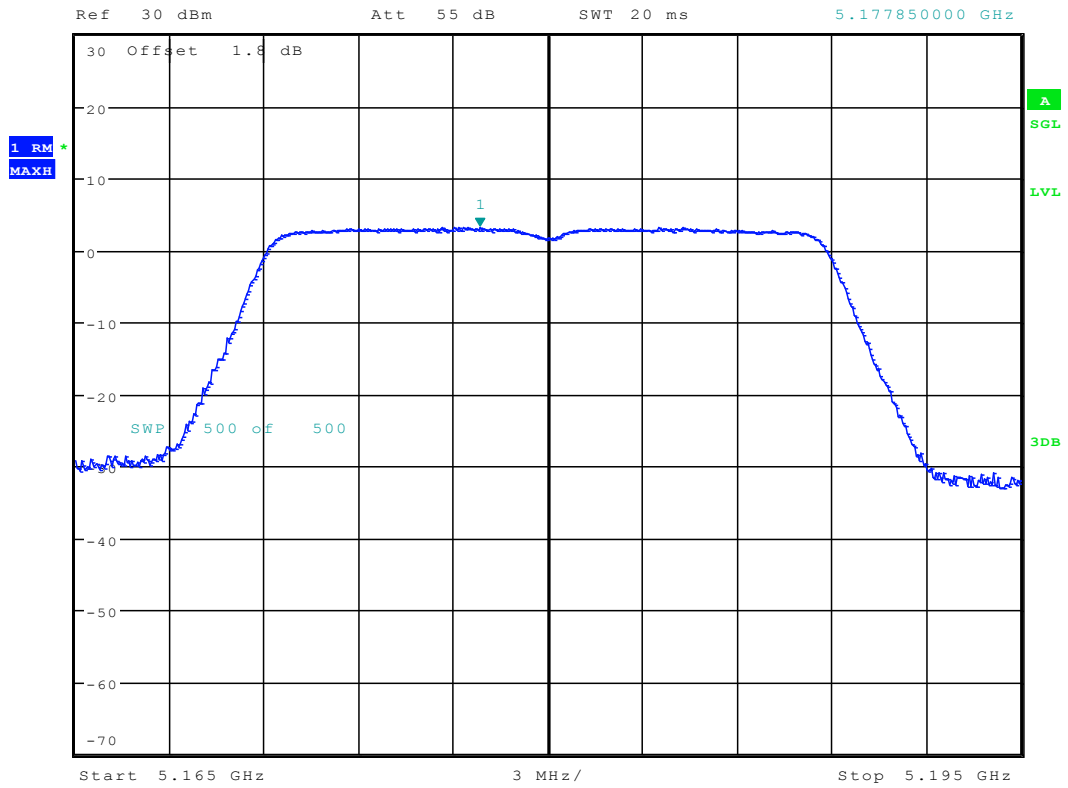


Date: 12.SEP.2017 14:54:10

### 11.19 11N20\_36 ANT 1

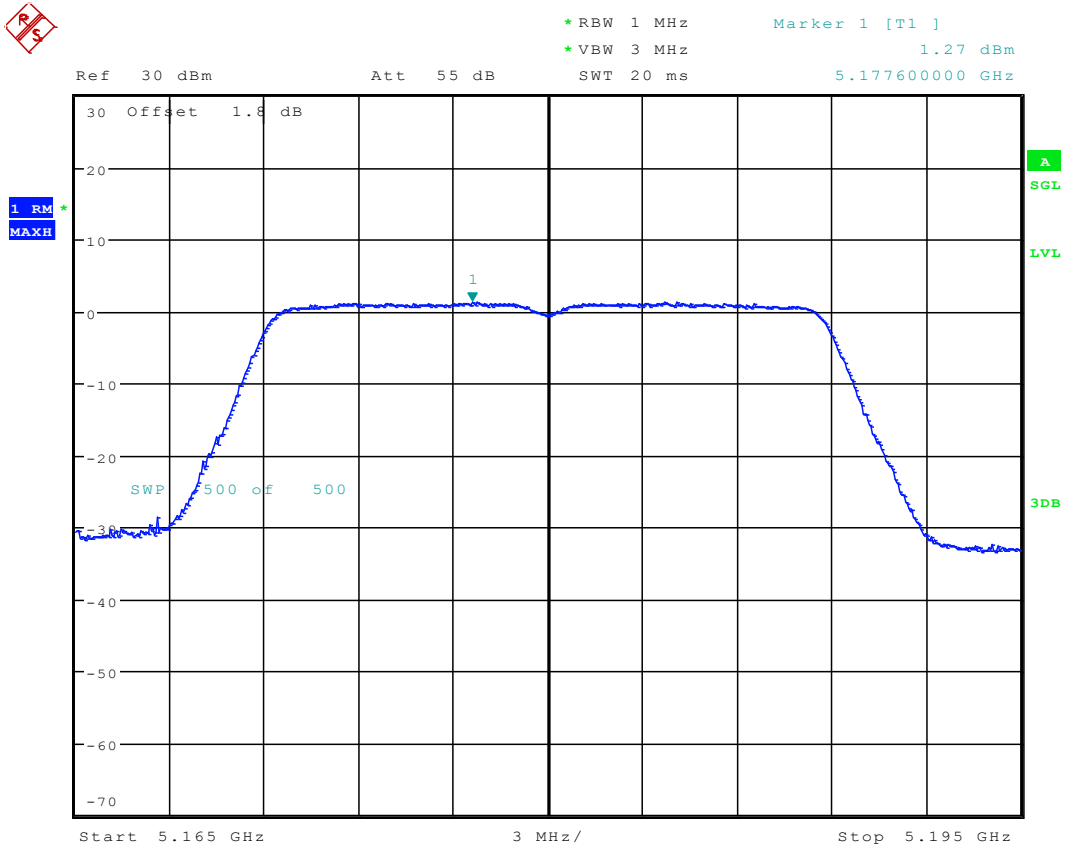


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.27 dBm  
SWT 20 ms      5.177850000 GHz



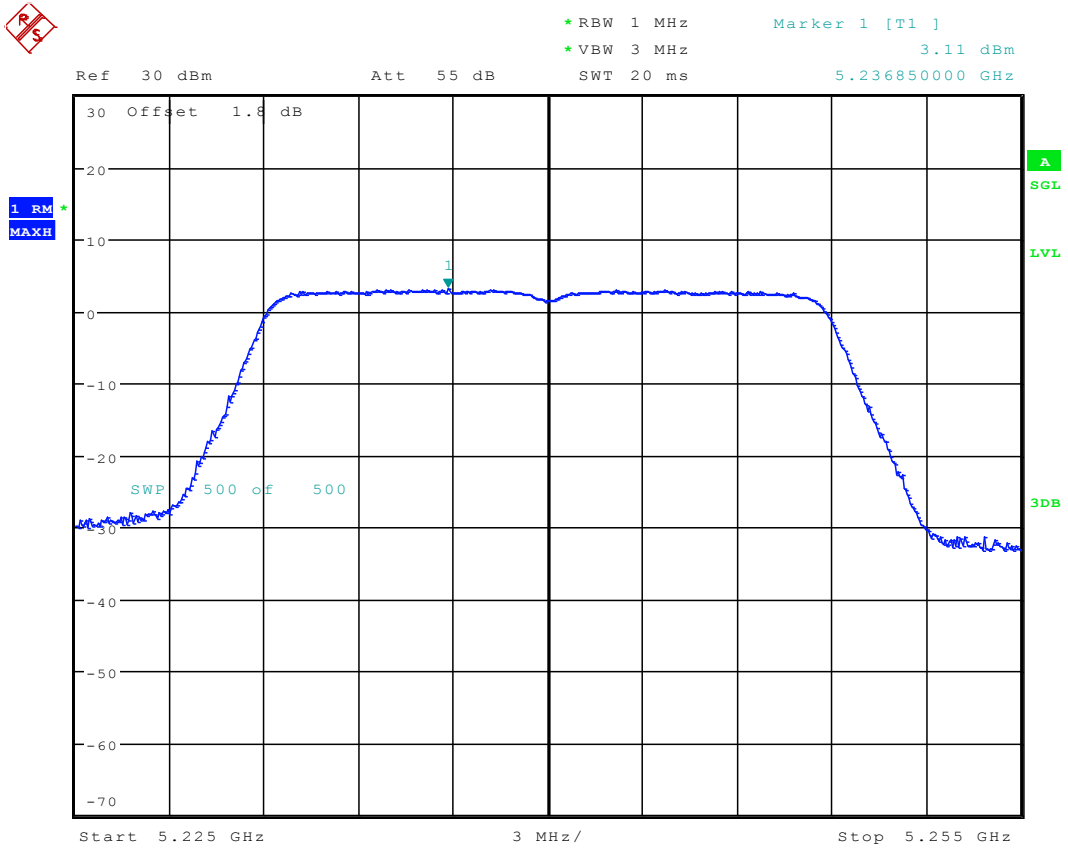
Date: 11.SEP.2017 15:24:08

### 11.20 11N20\_36 ANT 2



Date: 12.SEP.2017 15:00:15

### 11.21 11N20\_48 ANT 1



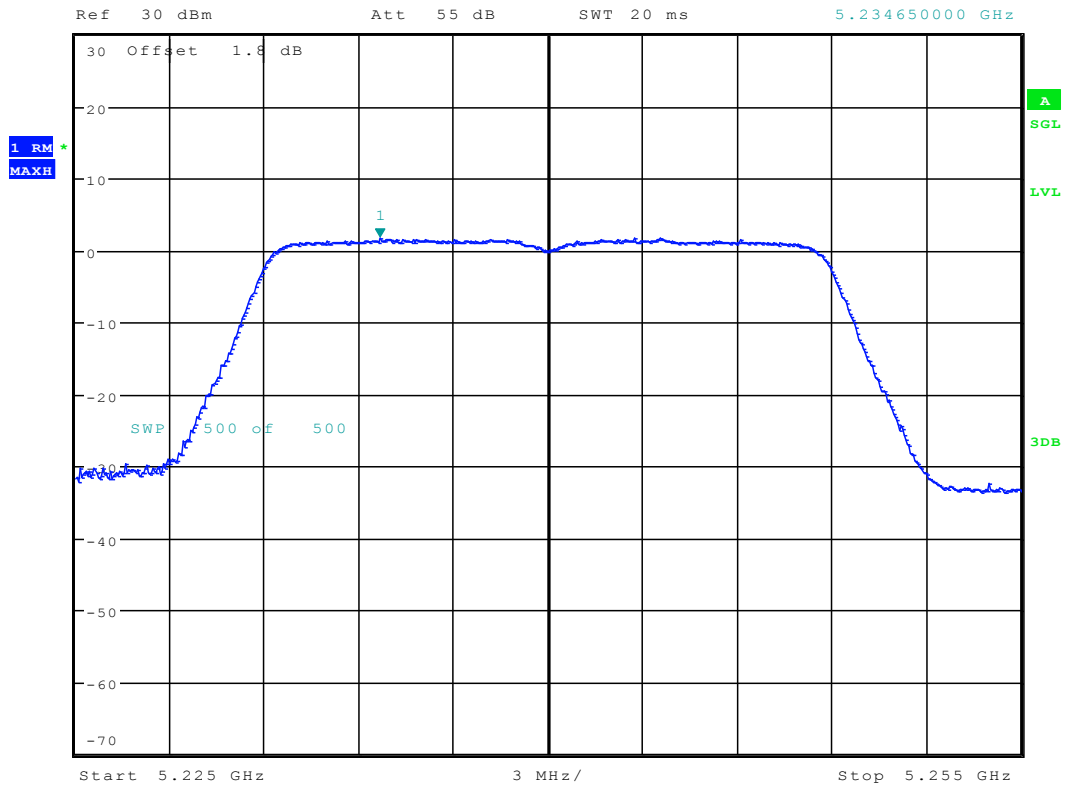
Date: 11.SEP.2017 15:27:24



### 11.22 11N20\_48 ANT 2

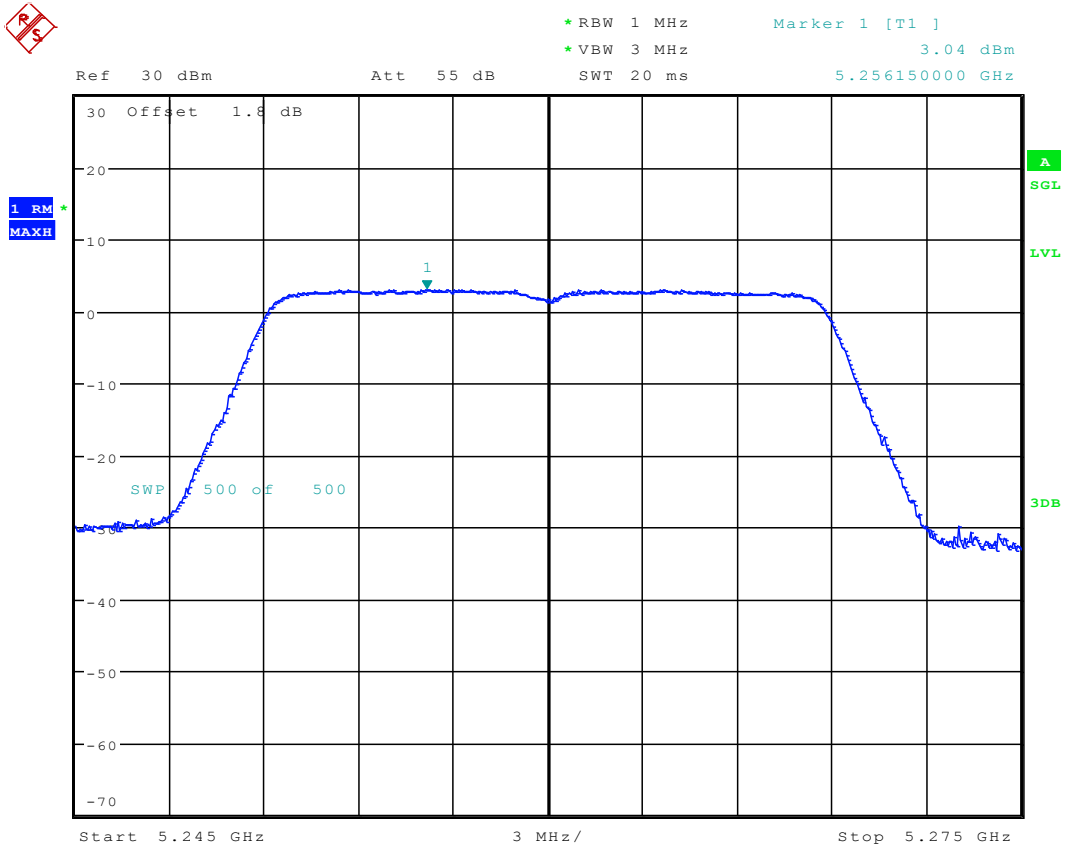


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.74 dBm  
SWT 20 ms      5.234650000 GHz



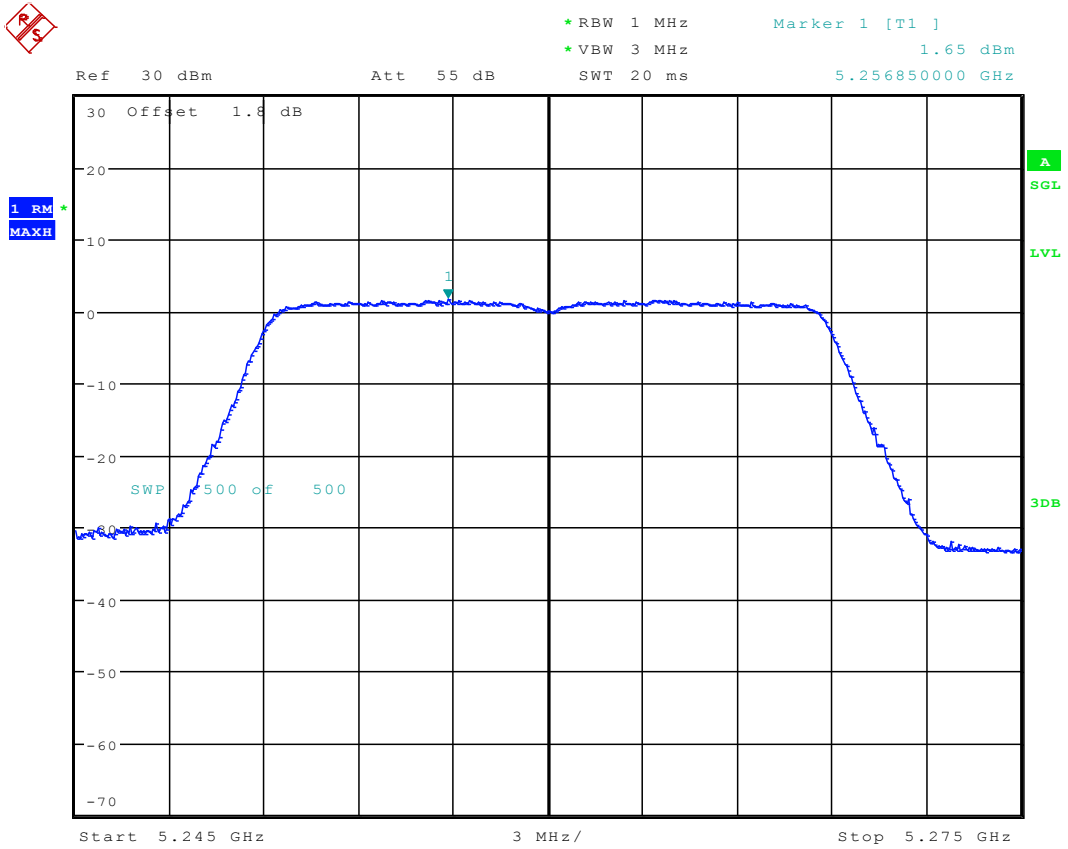
Date: 12.SEP.2017 15:17:38

### 11.23 11N20\_52 ANT 1



Date: 11.SEP.2017 15:30:13

### 11.24 11N20\_52 ANT 2

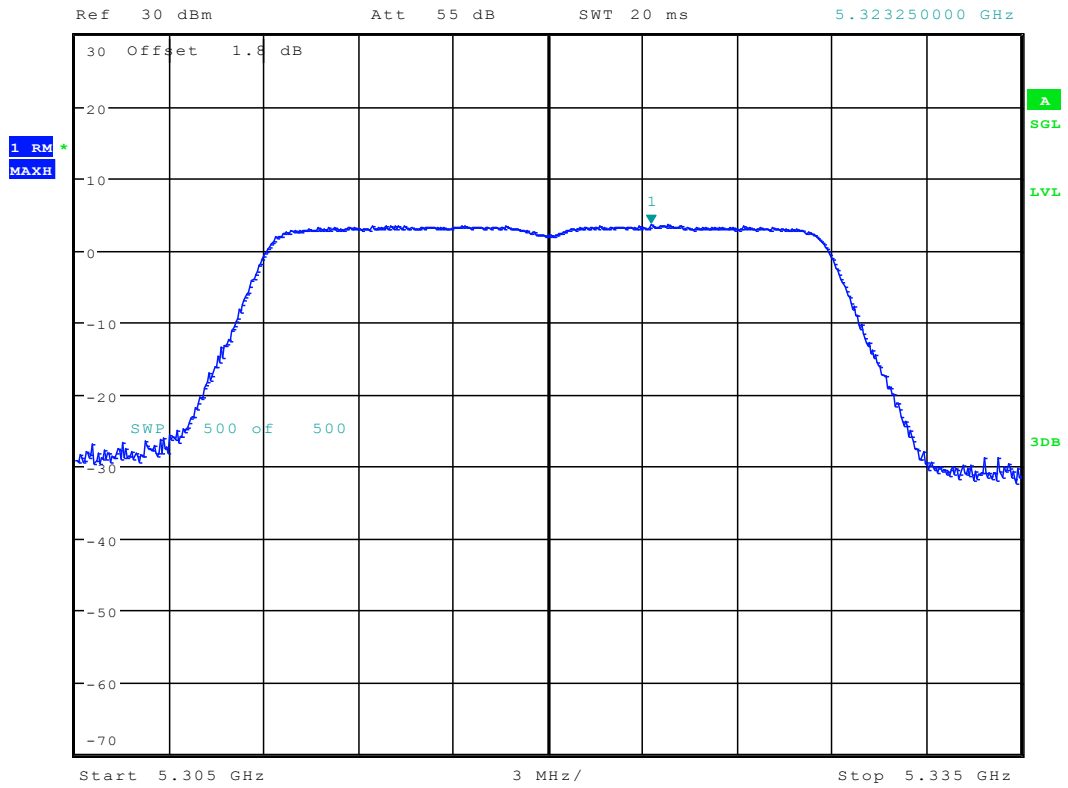


Date: 12.SEP.2017 15:21:11

### 11.25 11N20\_64 ANT 1

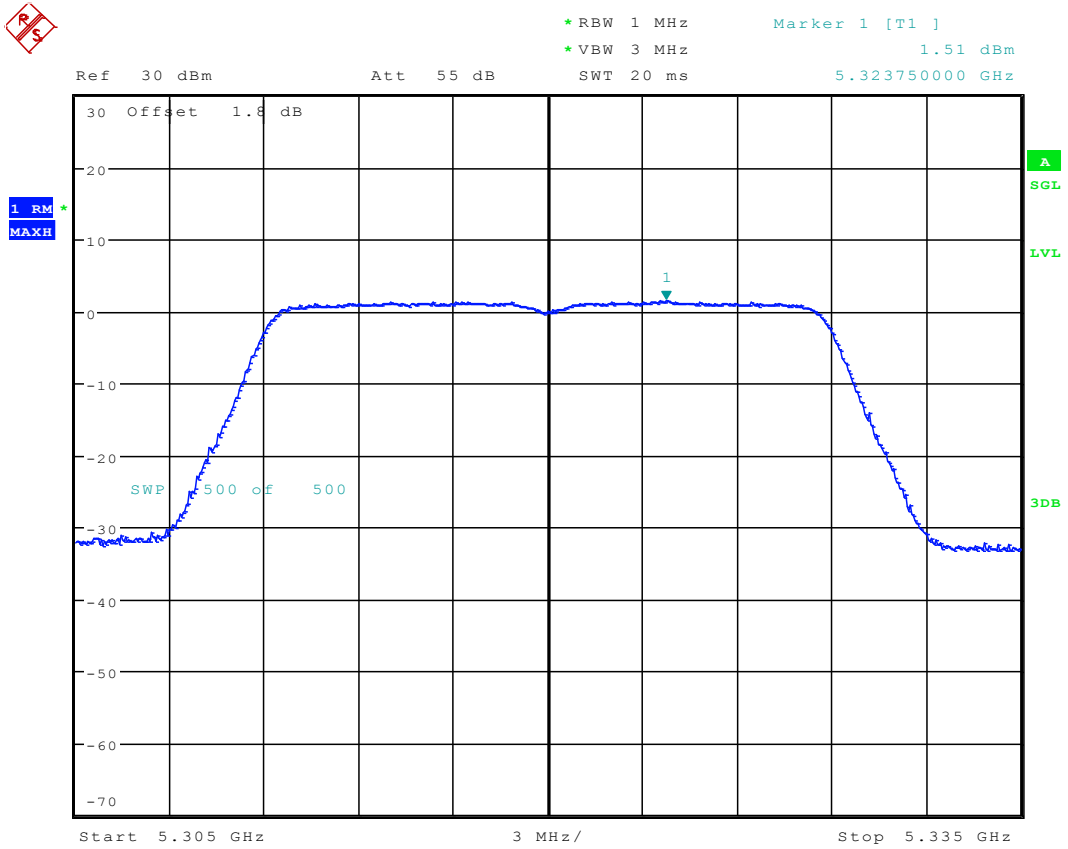


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.57 dBm  
SWT 20 ms      5.323250000 GHz



Date: 11.SEP.2017 15:33:01

### 11.26 11N20\_64 ANT 2

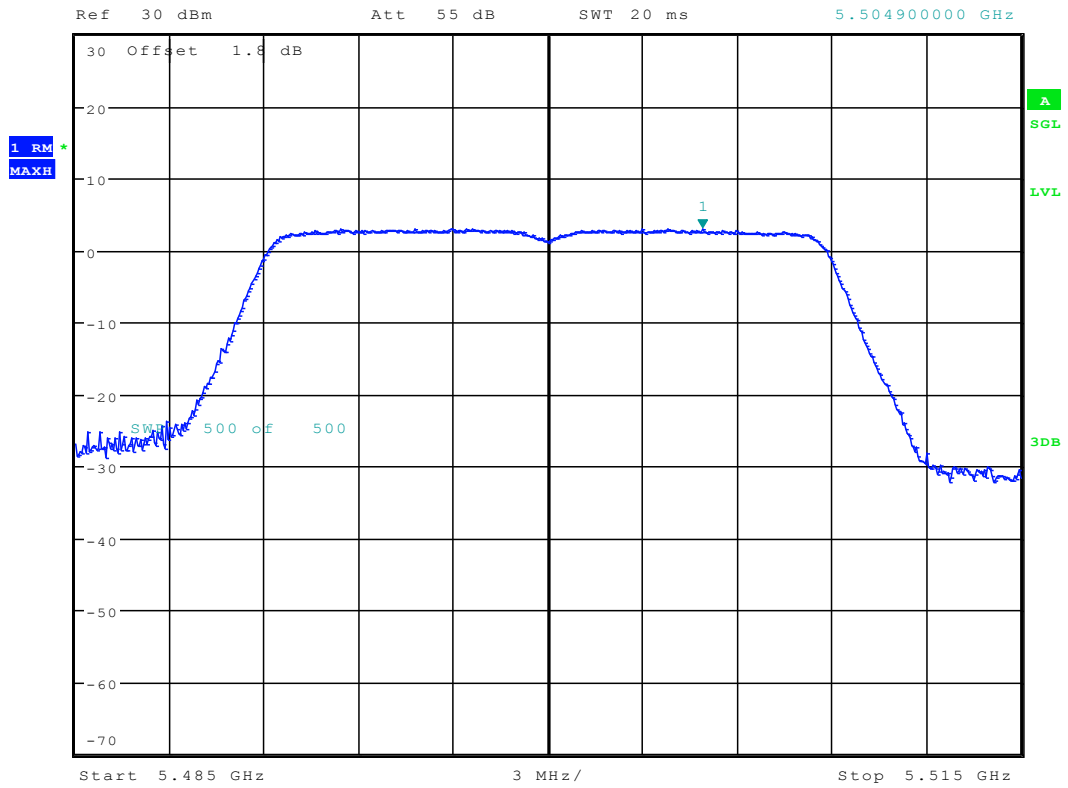


Date: 12.SEP.2017 15:24:11

### 11.27 11N20\_100 ANT 1

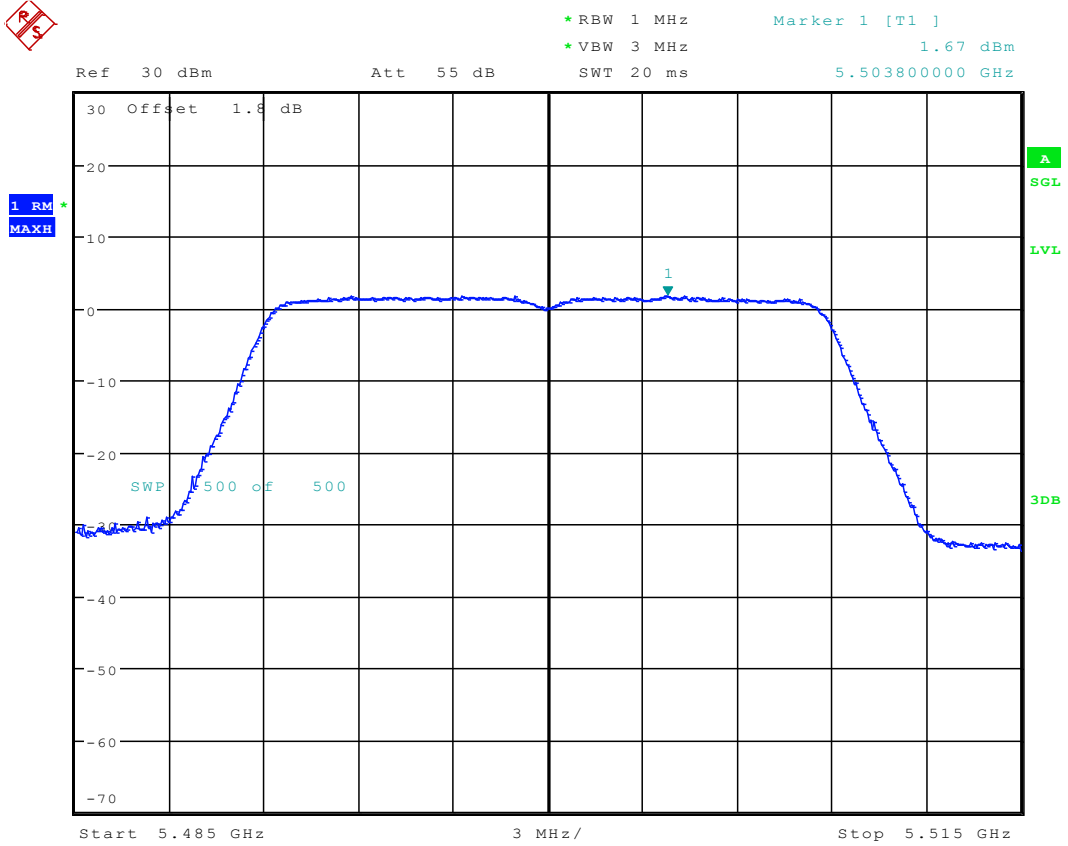


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.09 dBm  
SWT 20 ms      5.504900000 GHz



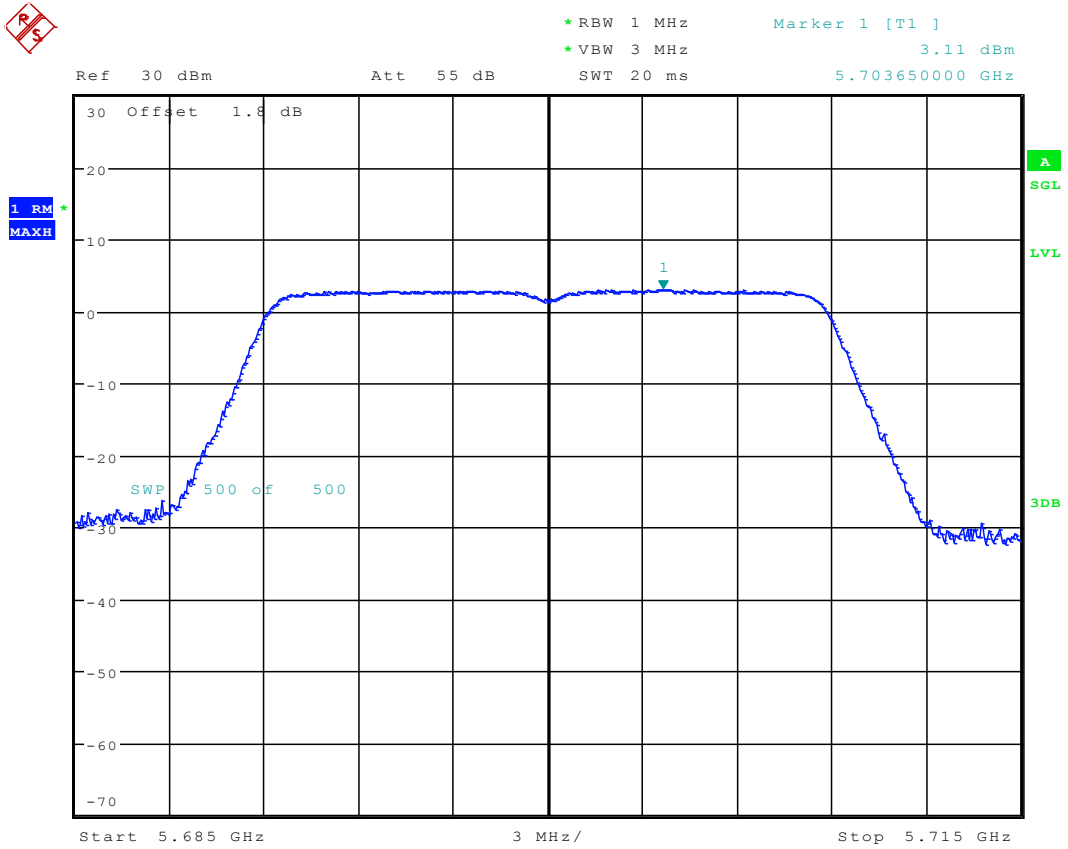
Date: 11.SEP.2017 15:35:58

### 11.28 11N20\_100 ANT 2



Date: 12.SEP.2017 15:28:11

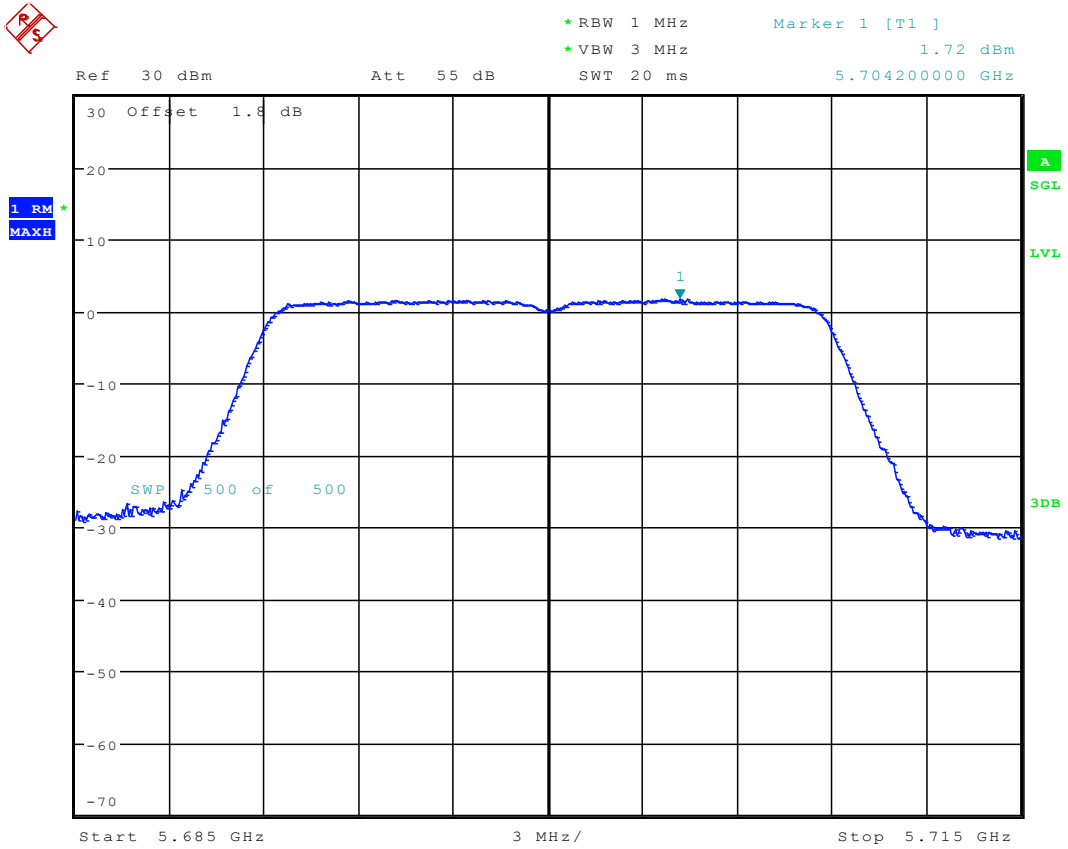
### 11.29 11N20\_140 ANT 1



Date: 11.SEP.2017 15:54:04



### 11.30 11N20\_140 ANT 2

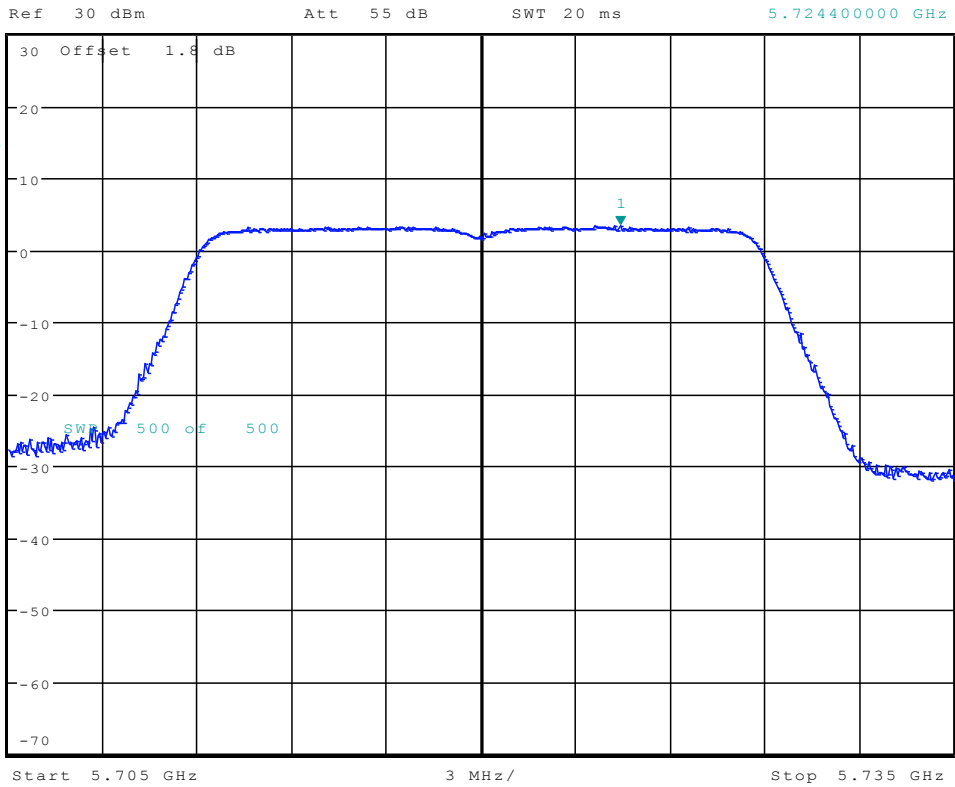


Date: 12.SEP.2017 15:31:28

### 11.31 11N20\_144 ANT 1

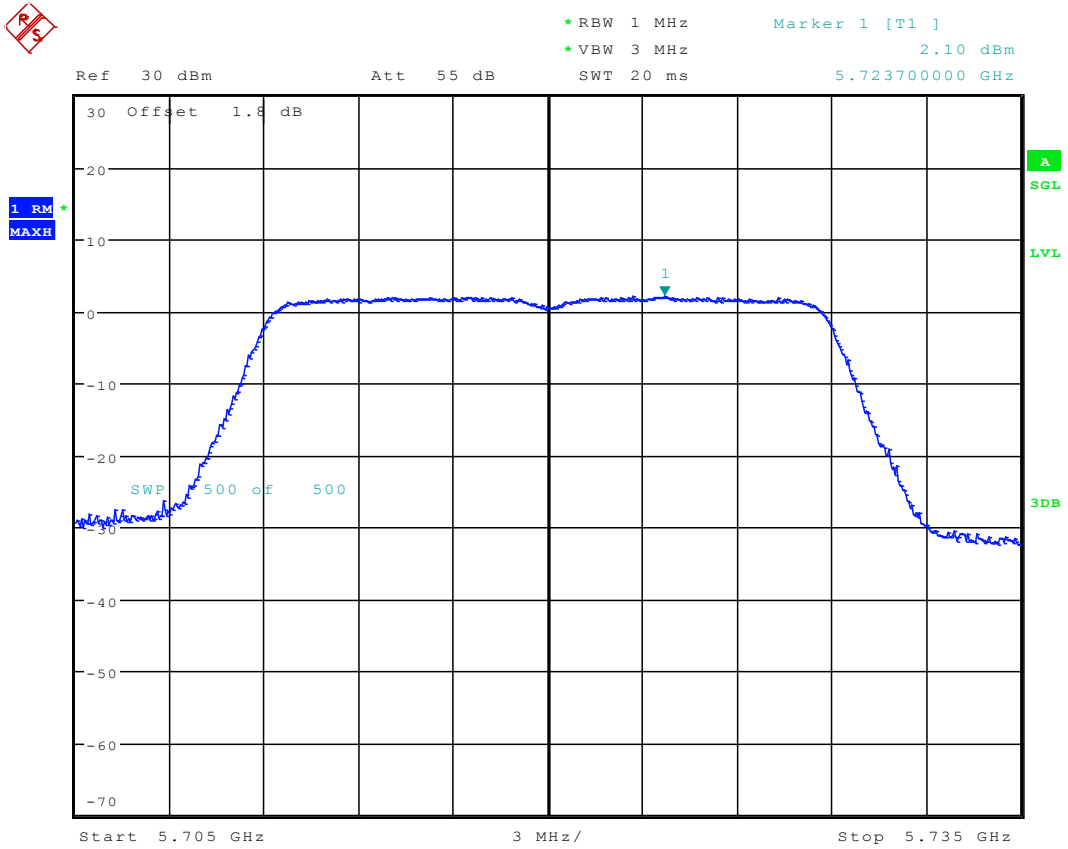


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.49 dBm  
SWT 20 ms      5.724400000 GHz



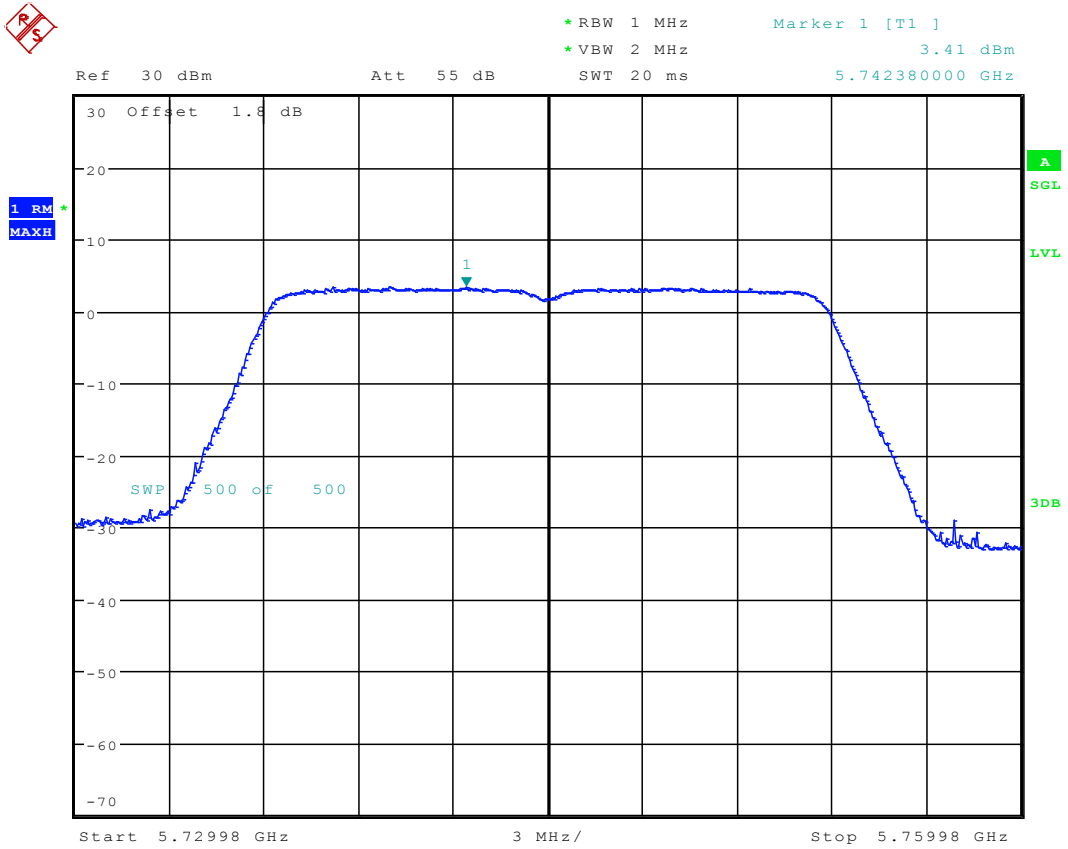
Date: 18.SEP.2017 13:58:41

### 11.32 11N20\_144 ANT 2



Date: 18.SEP.2017 14:42:47

### 11.33 11N20\_149 ANT 1

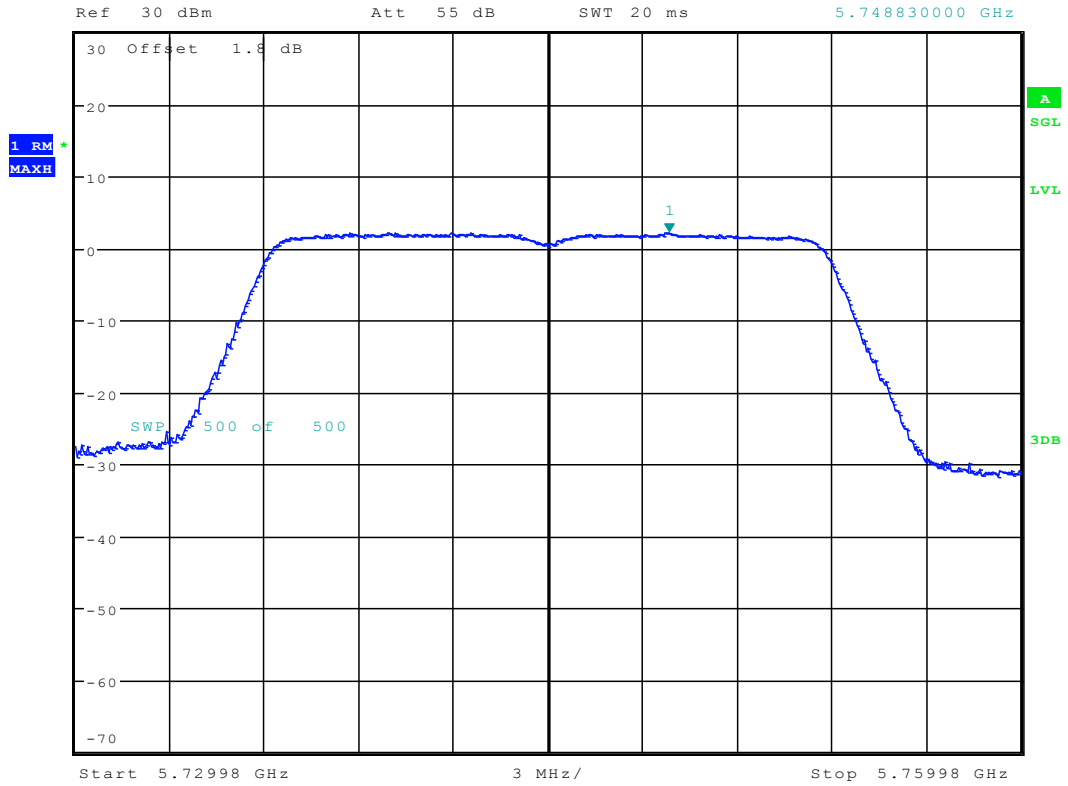


Date: 11.SEP.2017 15:57:44

### 11.34 11N20\_149 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      2.24 dBm  
SWT 20 ms      5.748830000 GHz

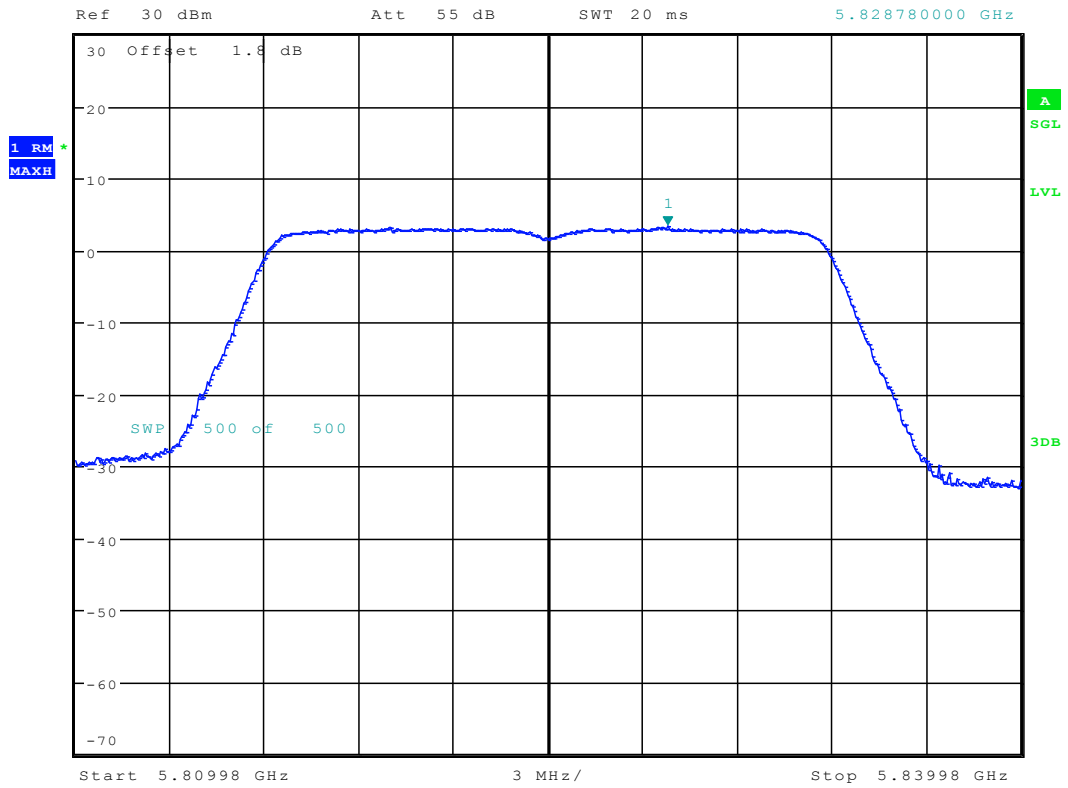


Date: 12.SEP.2017 15:38:02

### 11.35 11N20\_165 ANT 1

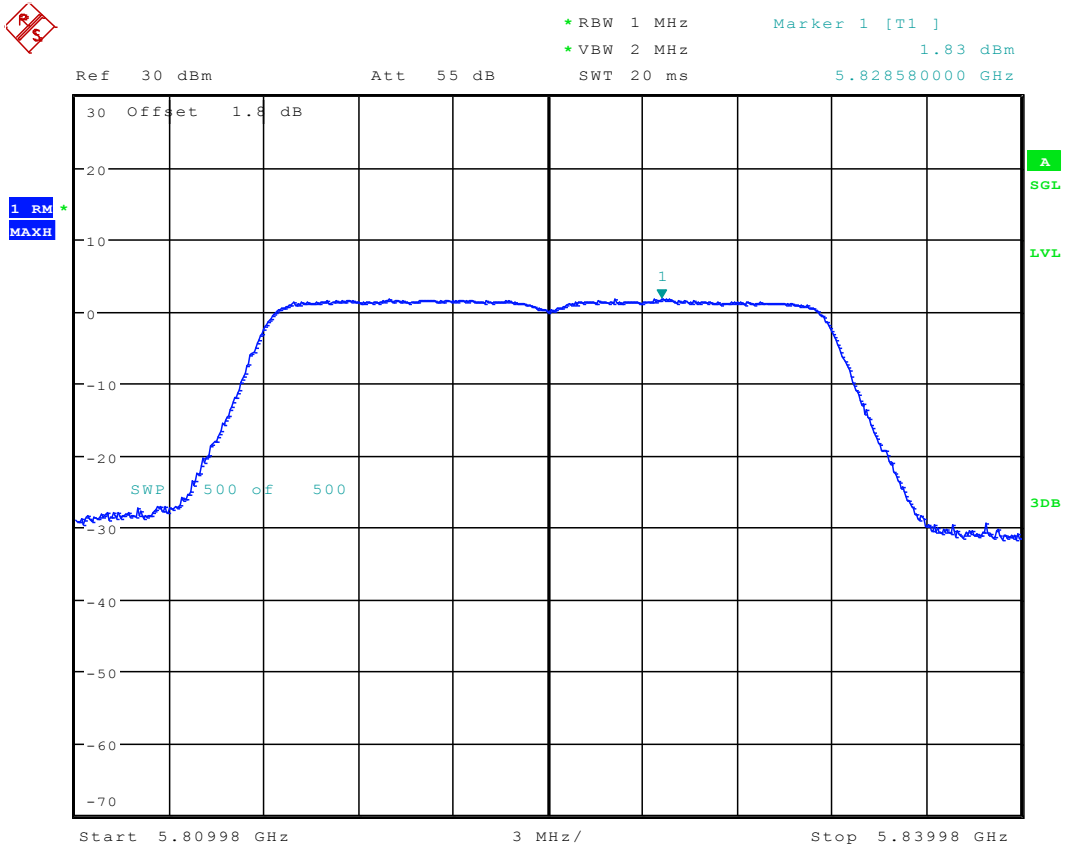


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      3.33 dBm  
SWT 20 ms      5.828780000 GHz



Date: 11.SEP.2017 16:04:41

### 11.36 11N20\_165 ANT 2

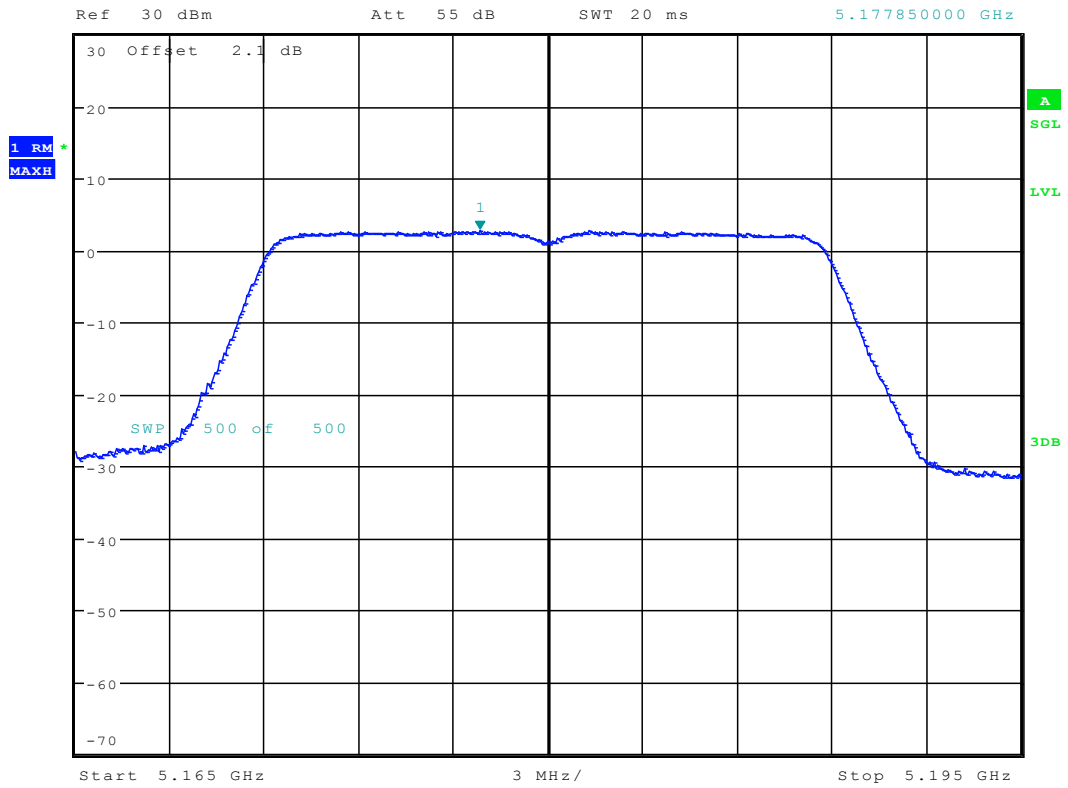


Date: 12.SEP.2017 15:43:30

### 11.37 11N20MIMO\_36 ANT 1



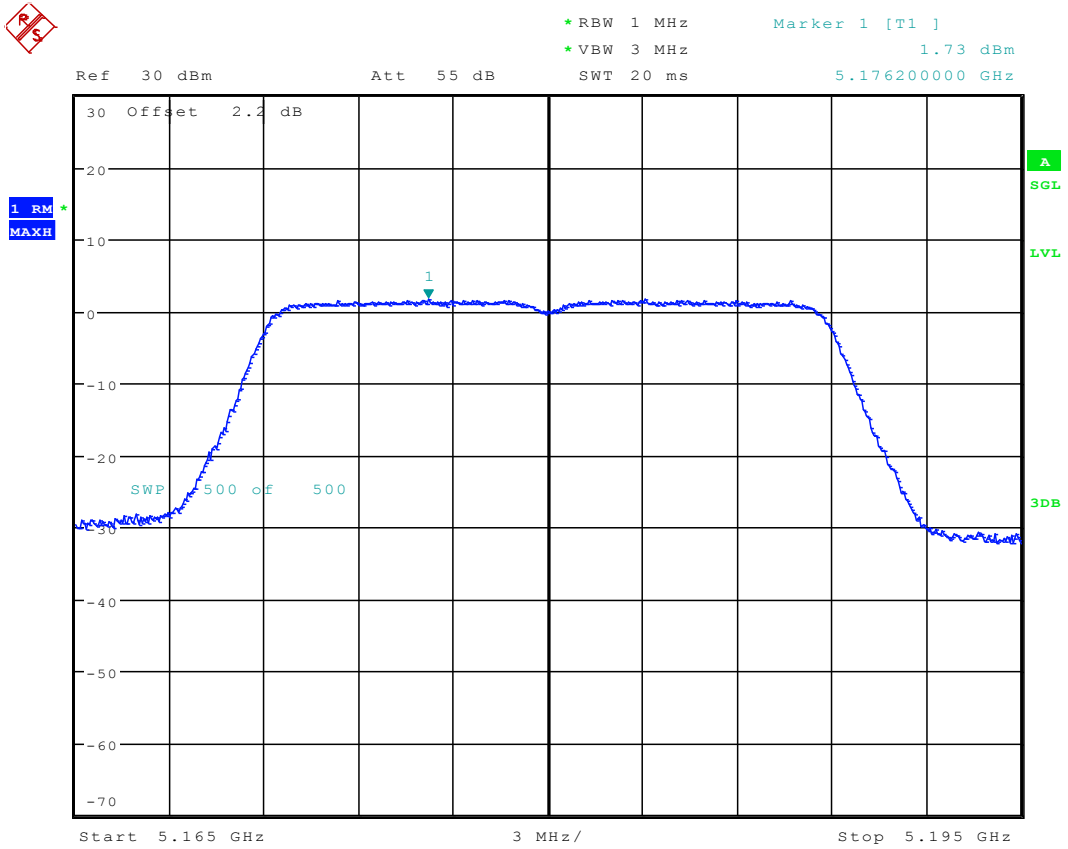
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.88 dBm  
SWT 20 ms      5.177850000 GHz



Date: 12.SEP.2017 17:50:59

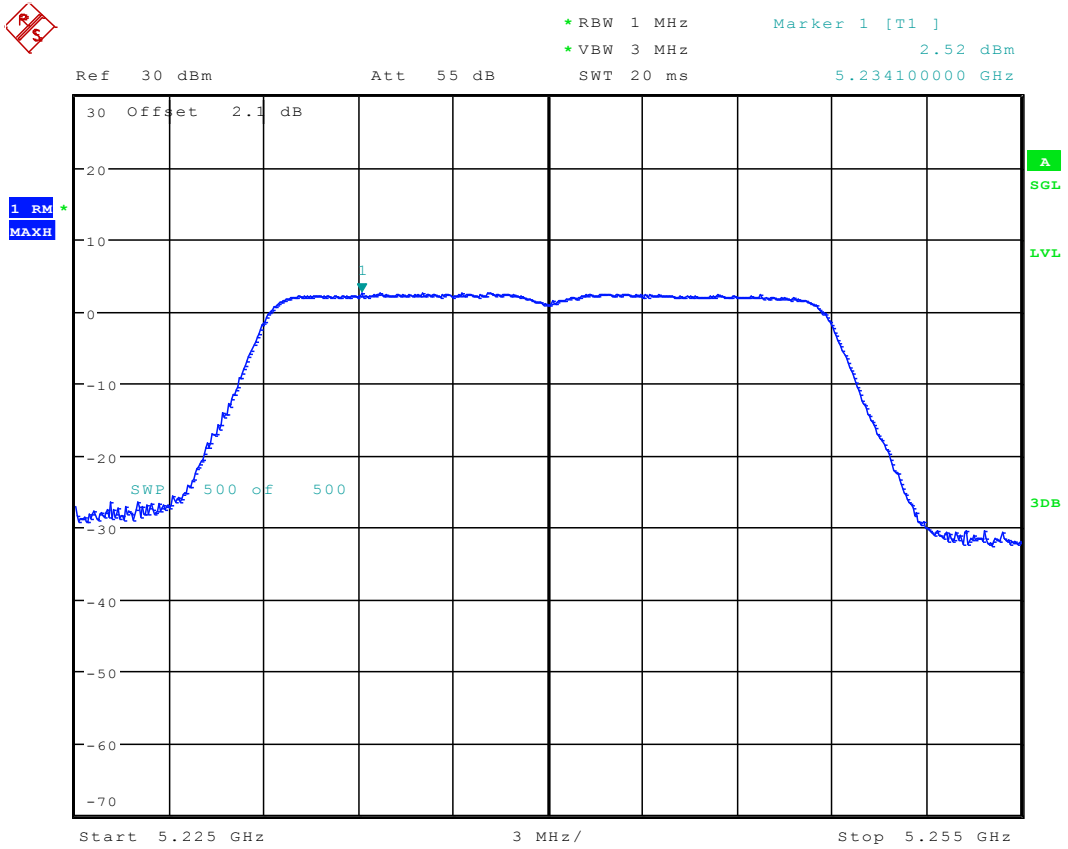


### 11.38 11N20MIMO\_36 ANT 2



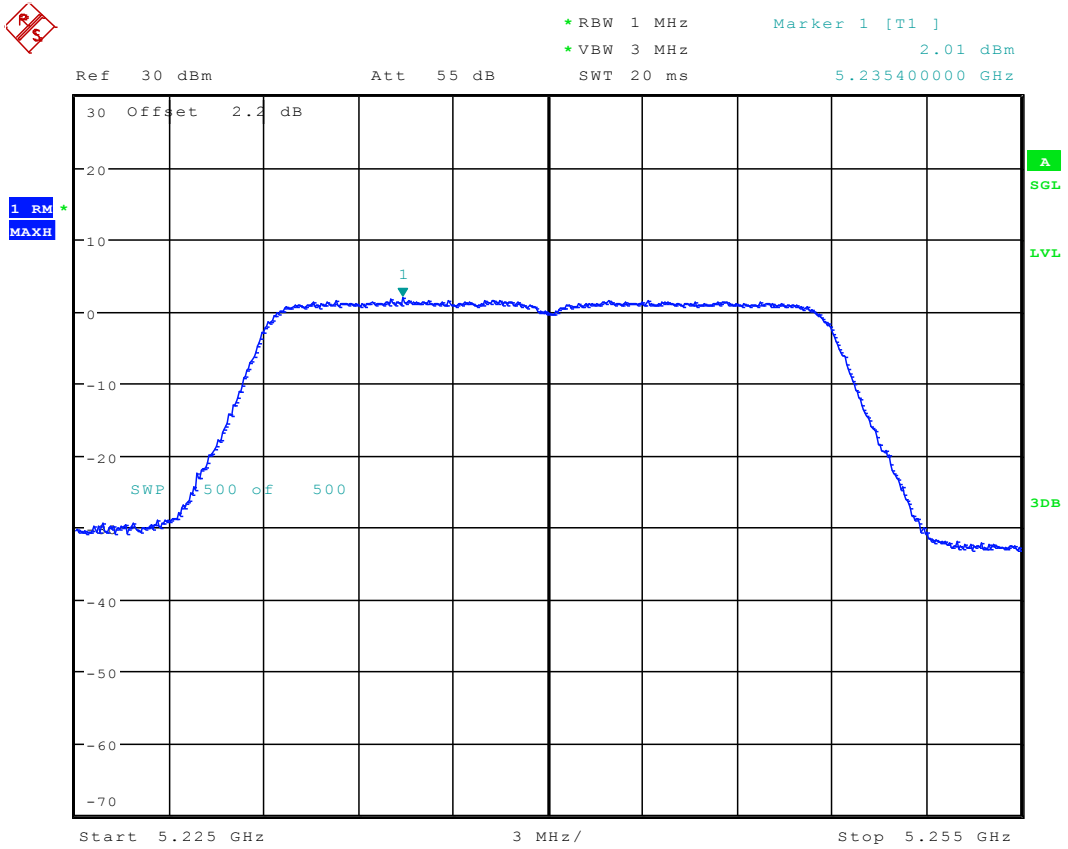
Date: 15.SEP.2017 14:08:12

### 11.39 11N20MIMO\_48 ANT 1



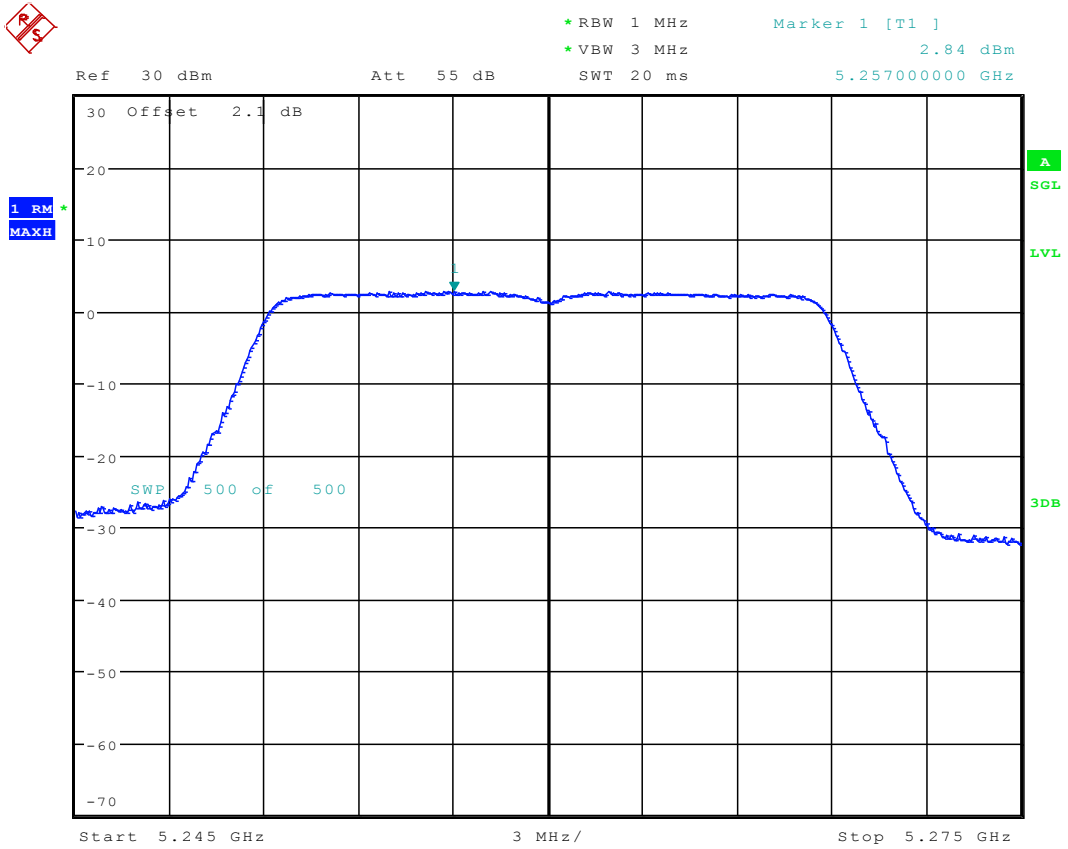
Date: 12.SEP.2017 17:54:55

### 11.40 11N20MIMO\_48 ANT 2



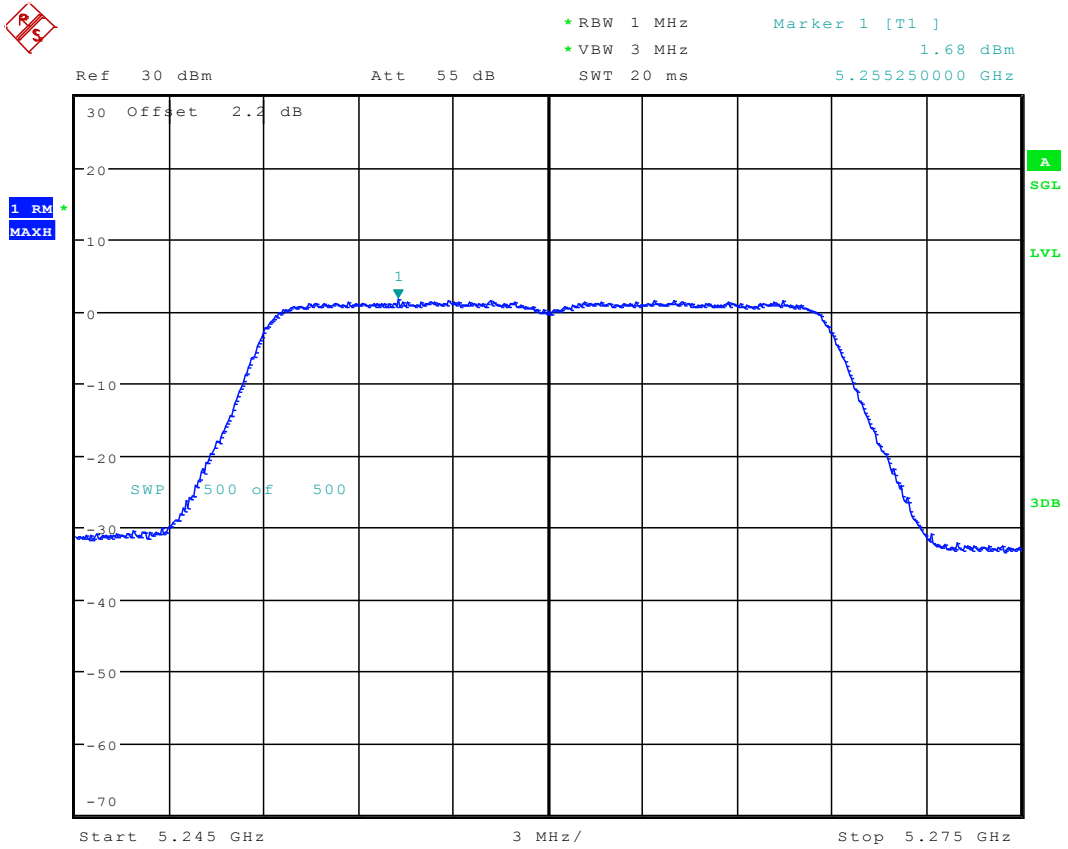
Date: 15.SEP.2017 14:11:04

### 11.41 11N20MIMO\_52 ANT 1



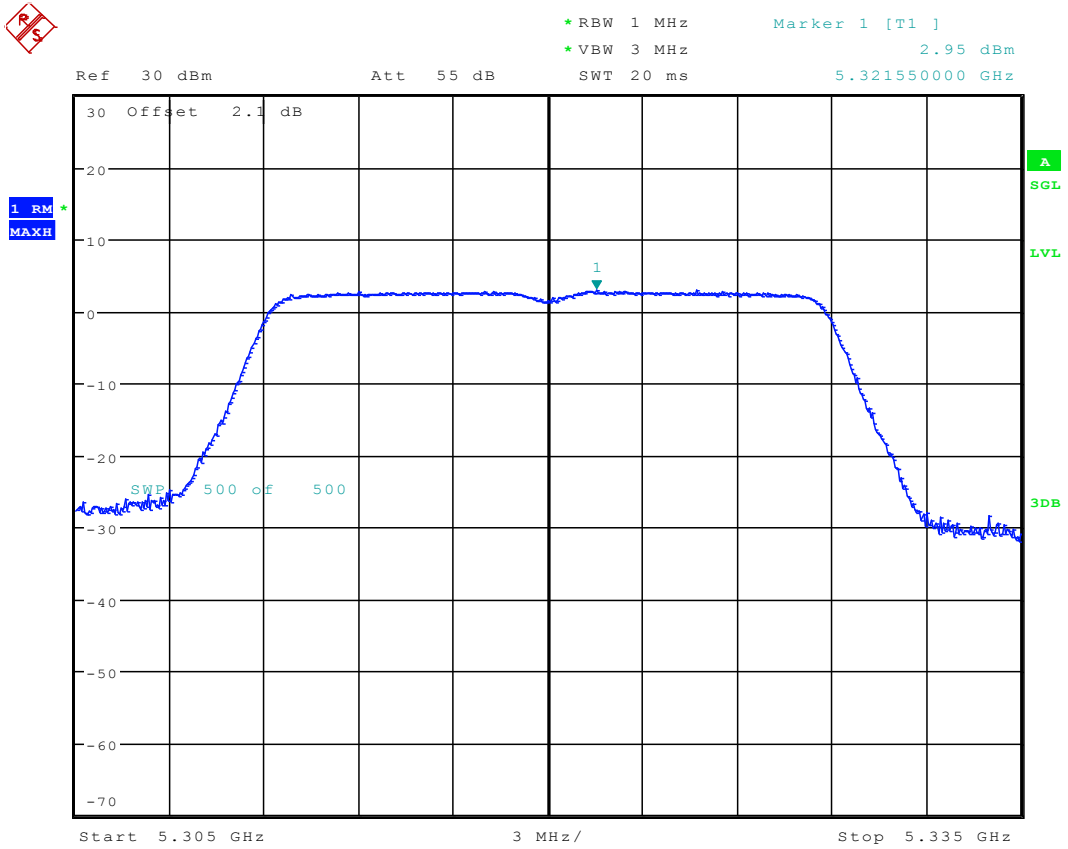
Date: 12.SEP.2017 17:58:07

### 11.42 11N20MIMO\_52 ANT 2



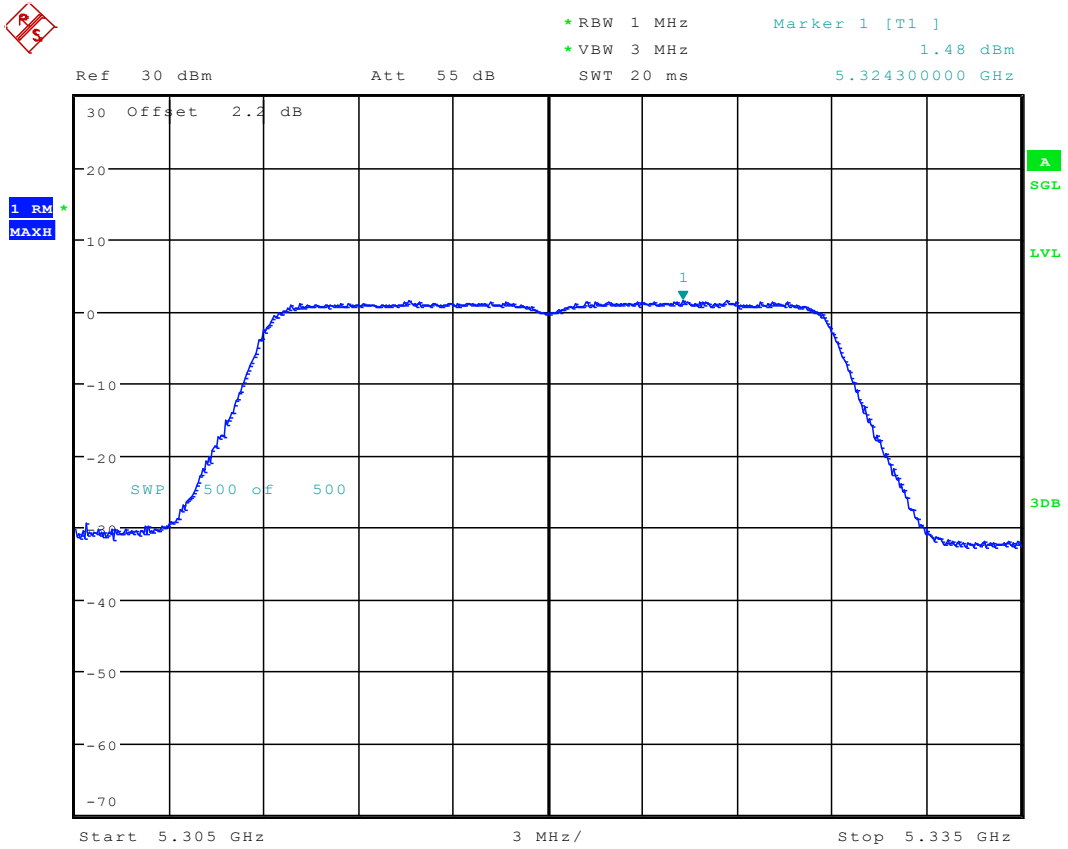
Date: 15.SEP.2017 14:15:01

### 11.43 11N20MIMO\_64 ANT 1



Date: 12.SEP.2017 18:00:46

### 11.44 11N20MIMO\_64 ANT 2

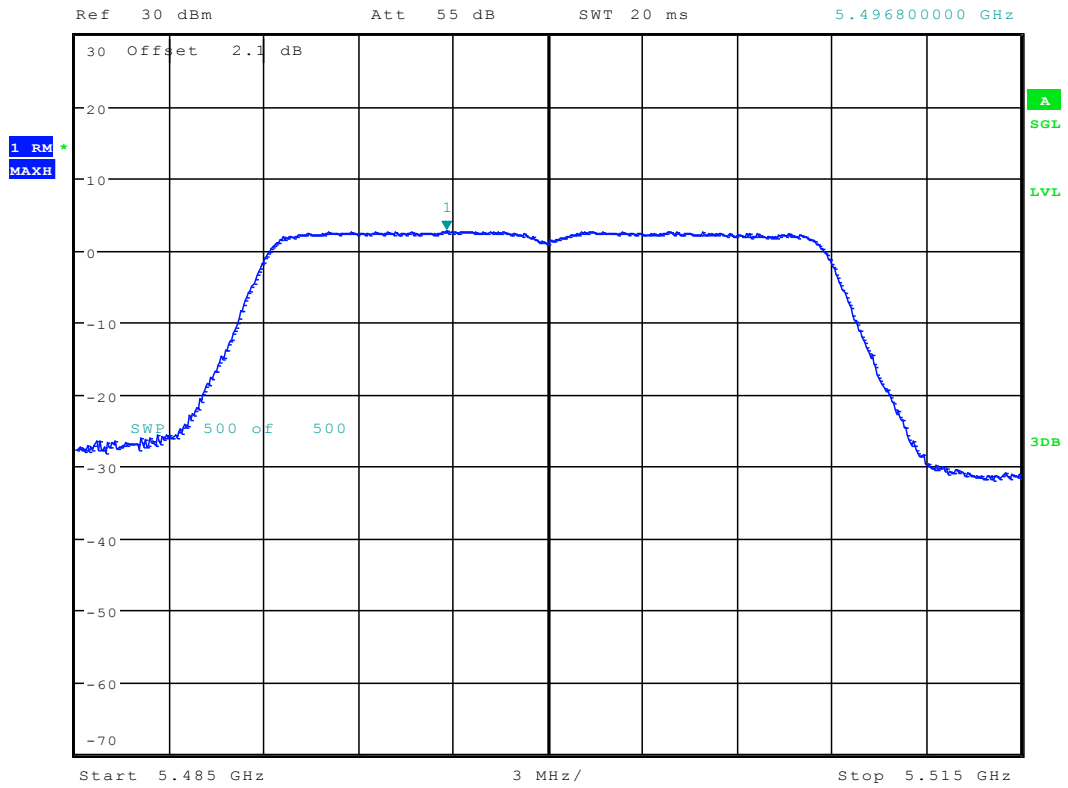


Date: 15.SEP.2017 14:17:33

### 11.45 11N20MIMO\_100 ANT 1



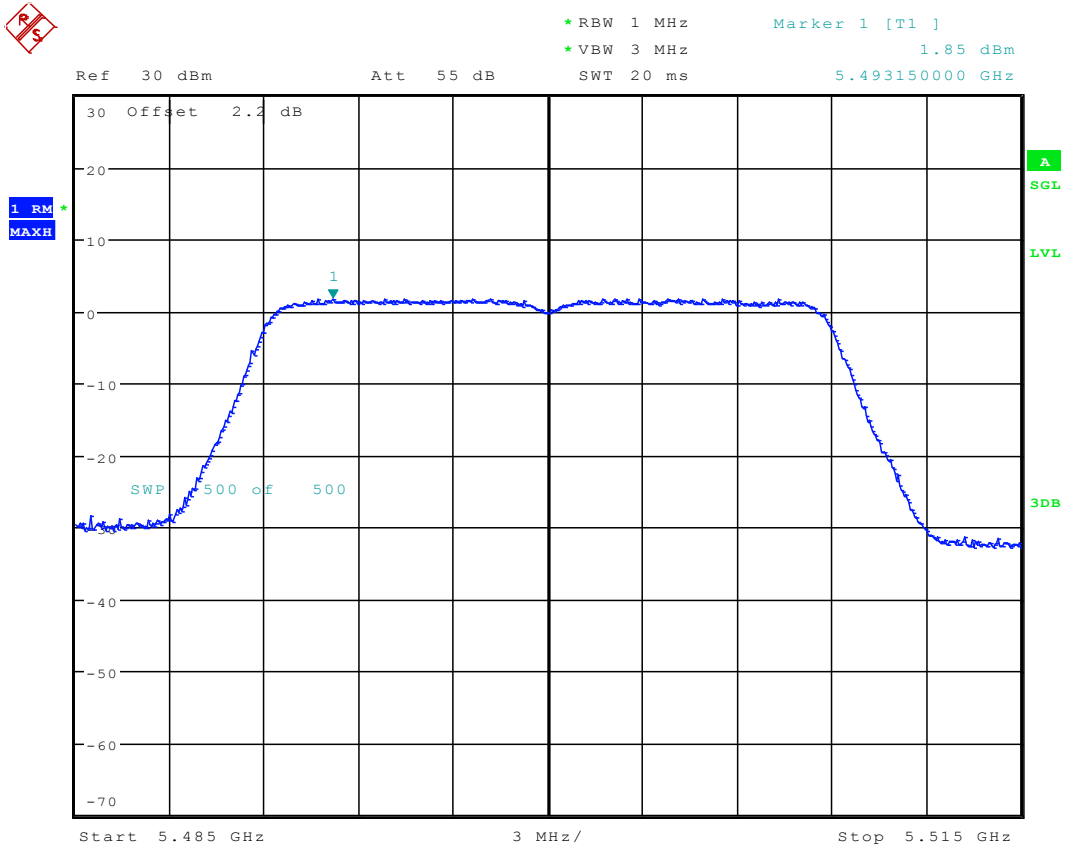
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.71 dBm  
SWT 20 ms      5.496800000 GHz



Date: 12.SEP.2017 18:03:38

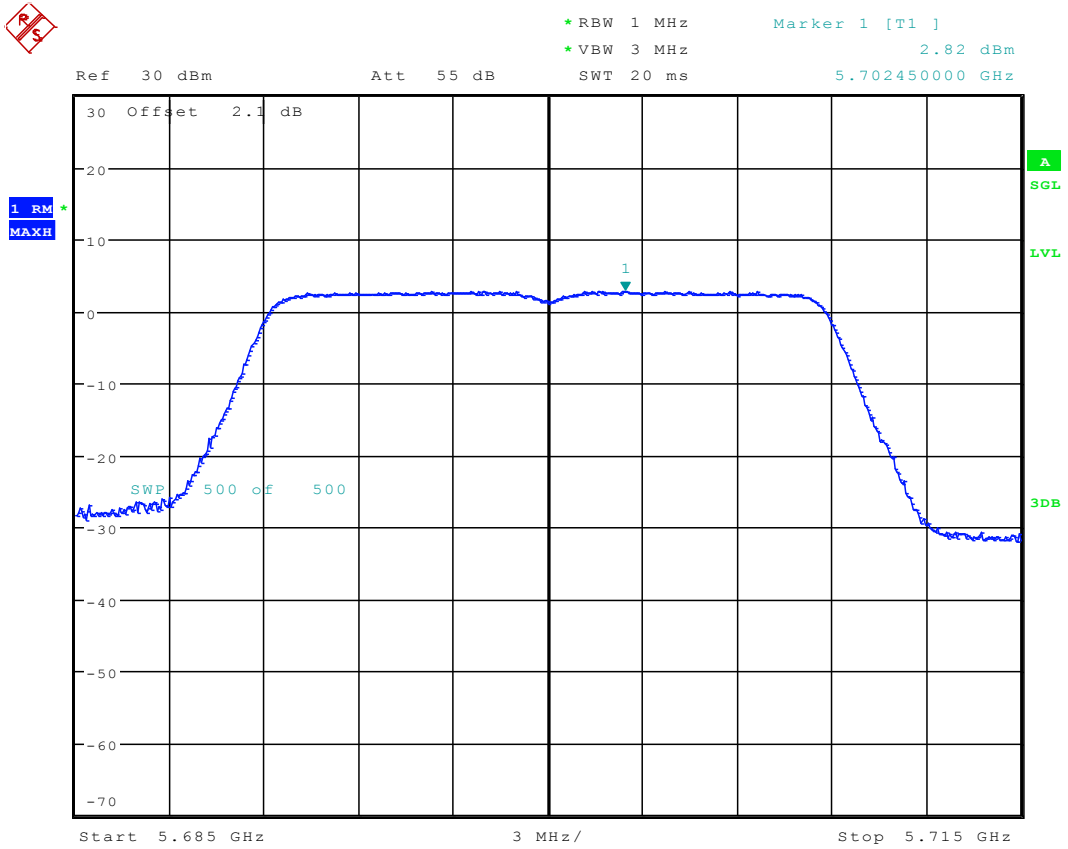


### 11.46 11N20MIMO\_100 ANT 2



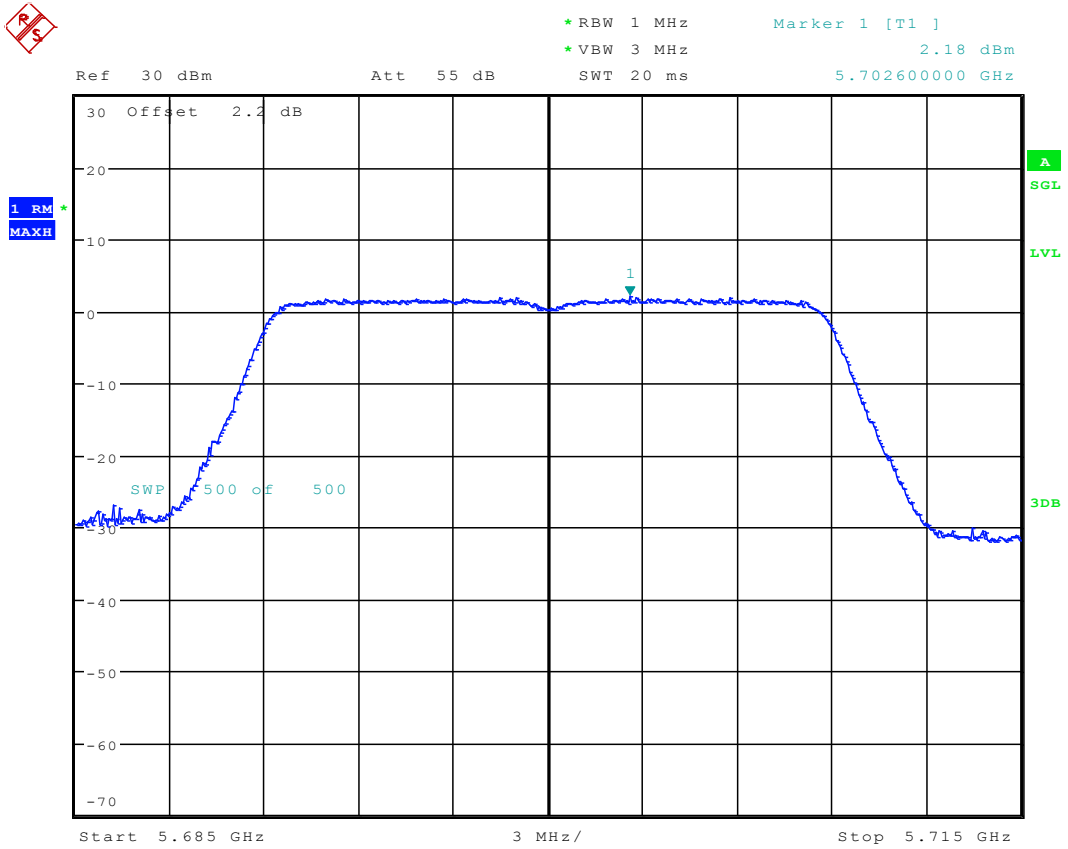
Date: 15.SEP.2017 14:20:34

### 11.47 11N20MIMO\_140 ANT 1



Date: 12.SEP.2017 18:06:16

### 11.48 11N20MIMO\_140 ANT 2

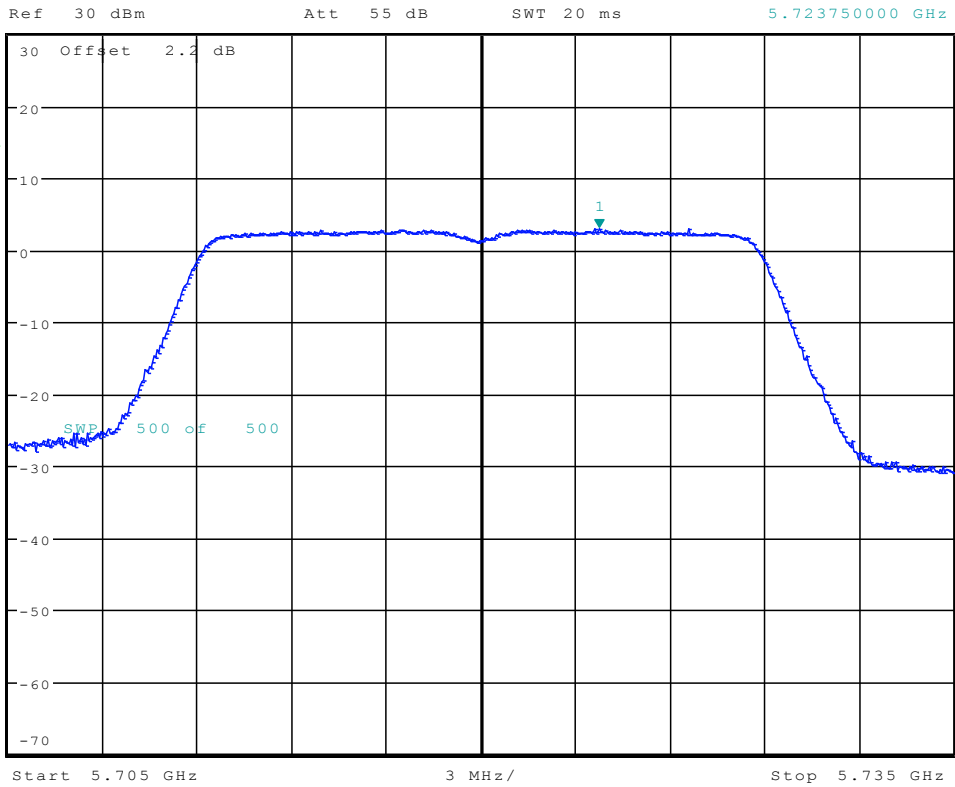


Date: 15.SEP.2017 14:23:22

### 11.49 11N20MIMO\_144 ANT 1

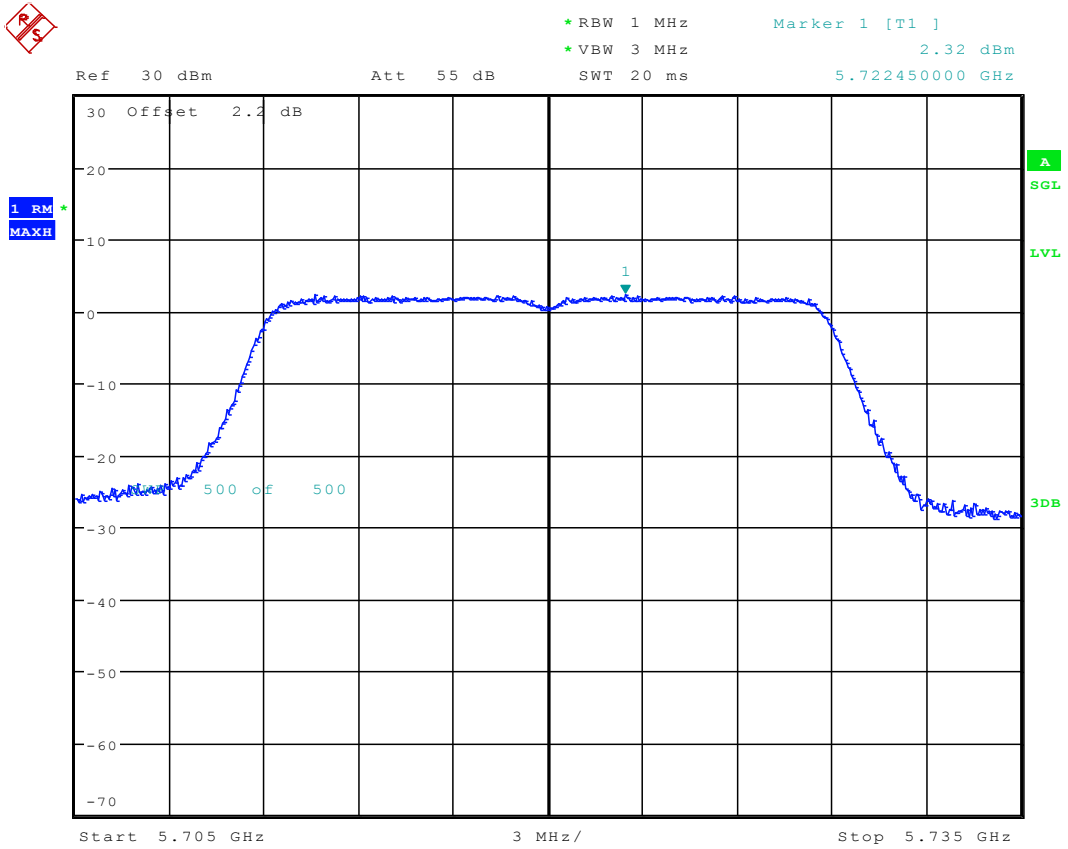


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.01 dBm  
SWT 20 ms      5.723750000 GHz



Date: 18.SEP.2017 15:01:47

### 11.50 11N20MIMO\_144 ANT 2

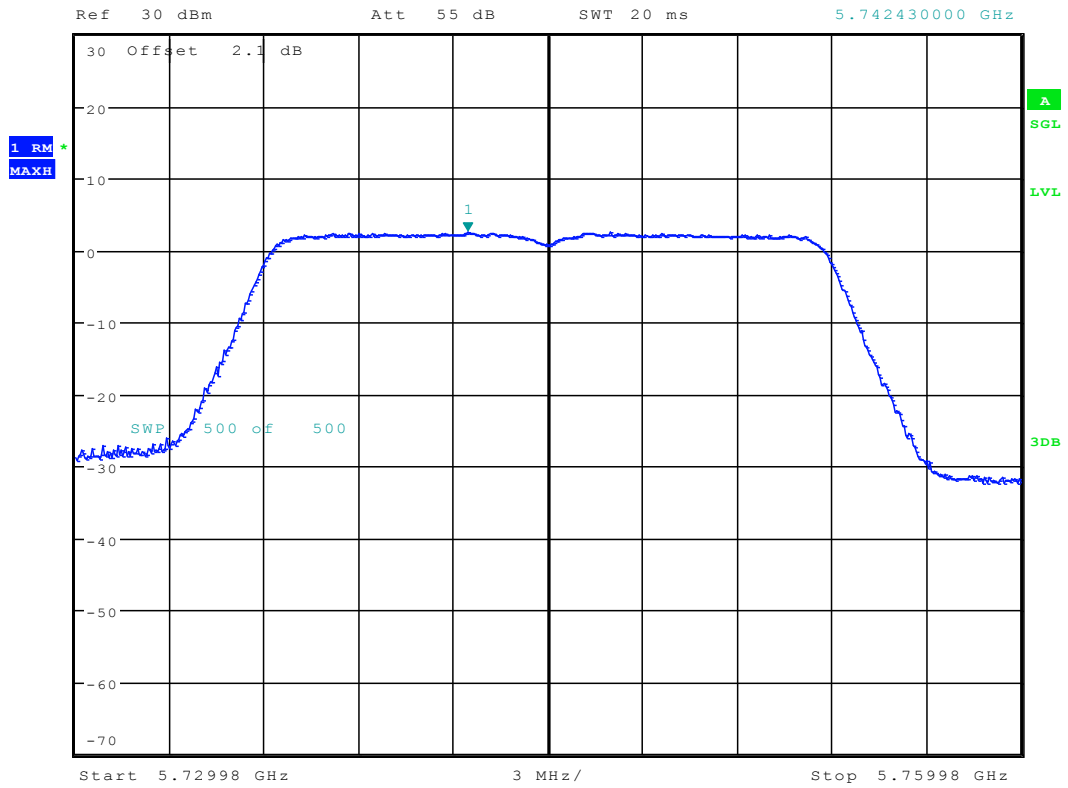


Date: 18.SEP.2017 15:19:27

### 11.51 11N20MIMO\_149 ANT 1

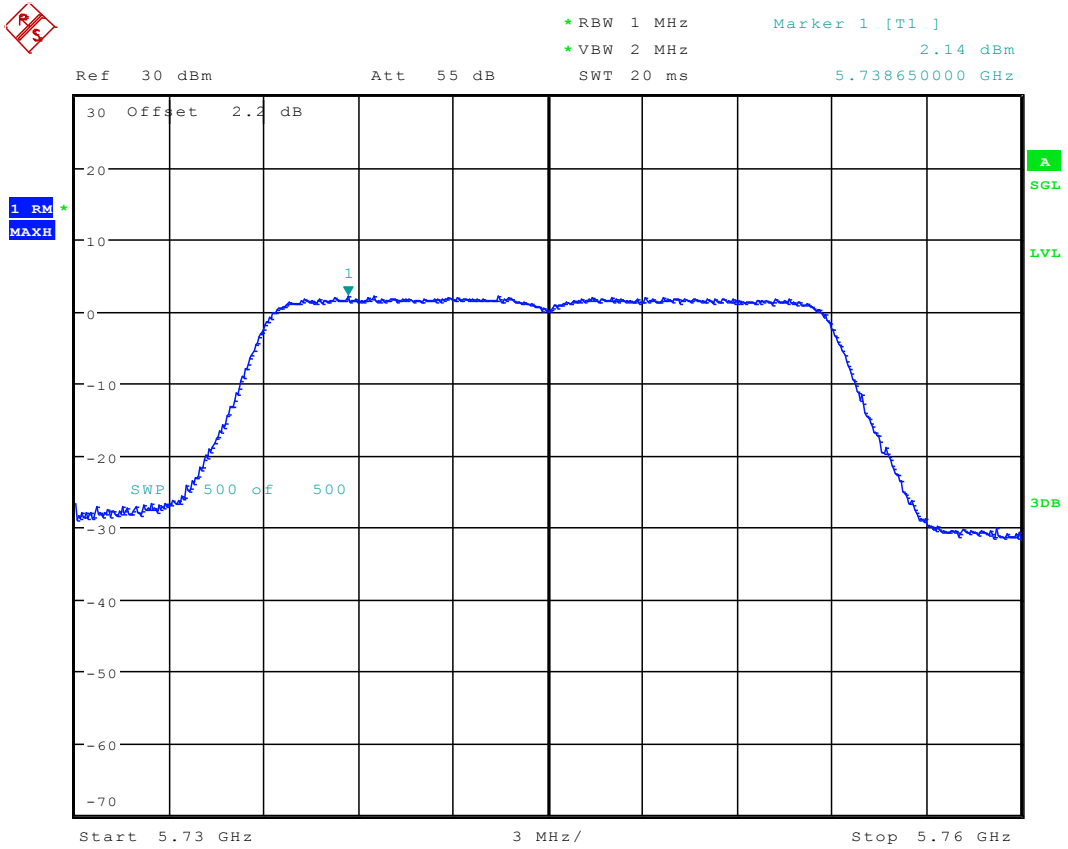


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      2.55 dBm  
SWT 20 ms      5.742430000 GHz



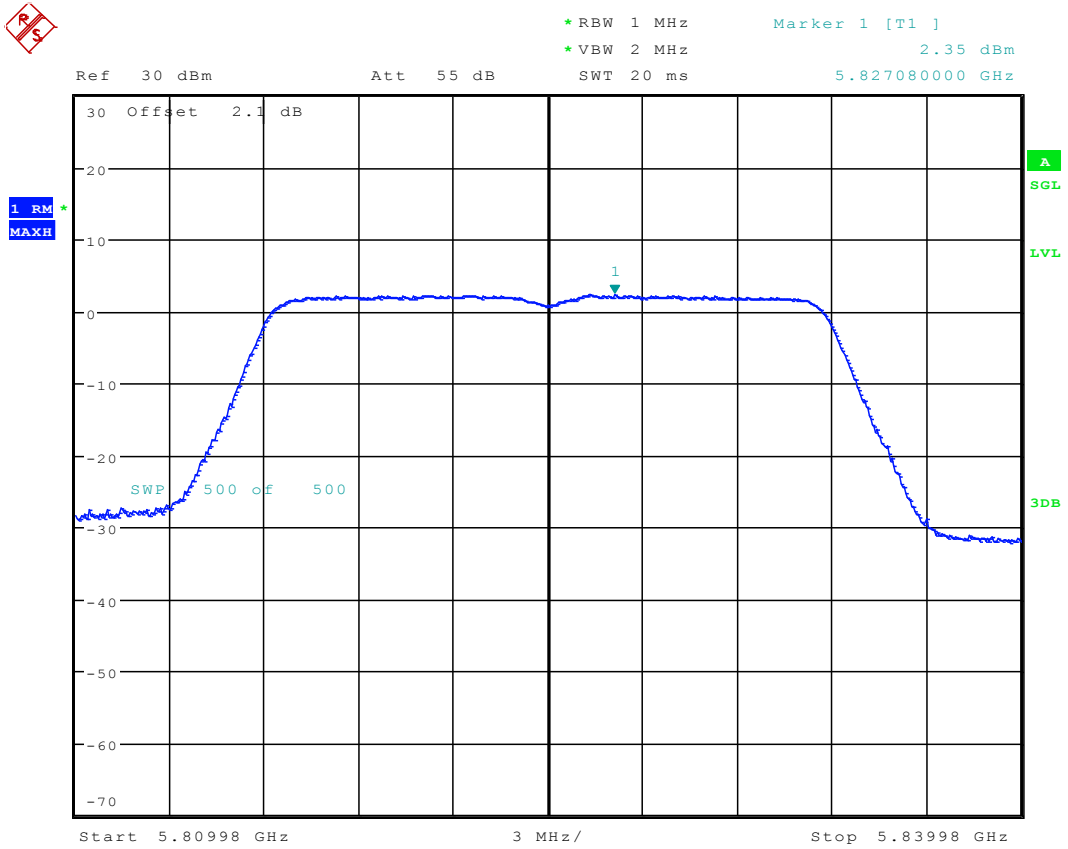
Date: 12.SEP.2017 18:09:41

### 11.52 11N20MIMO\_149 ANT 2



Date: 15.SEP.2017 14:26:46

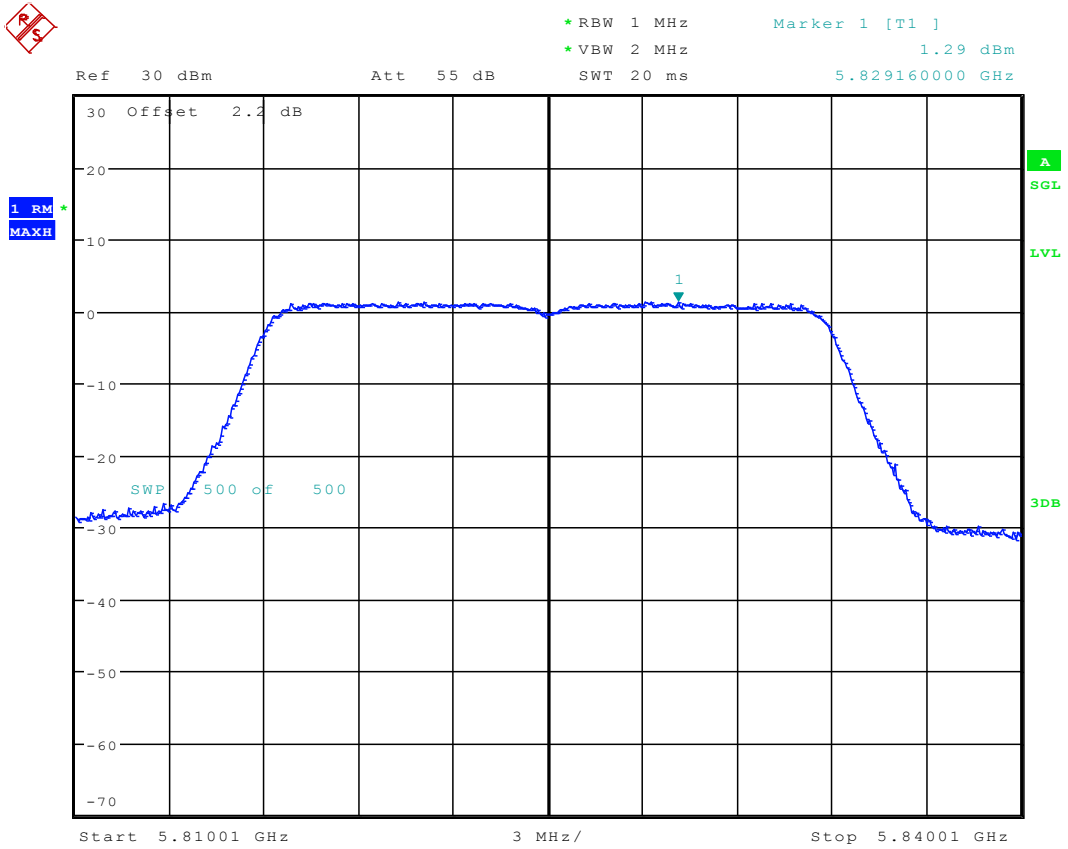
### 11.53 11N20MIMO\_165 ANT 1



Date: 12.SEP.2017 18:12:53

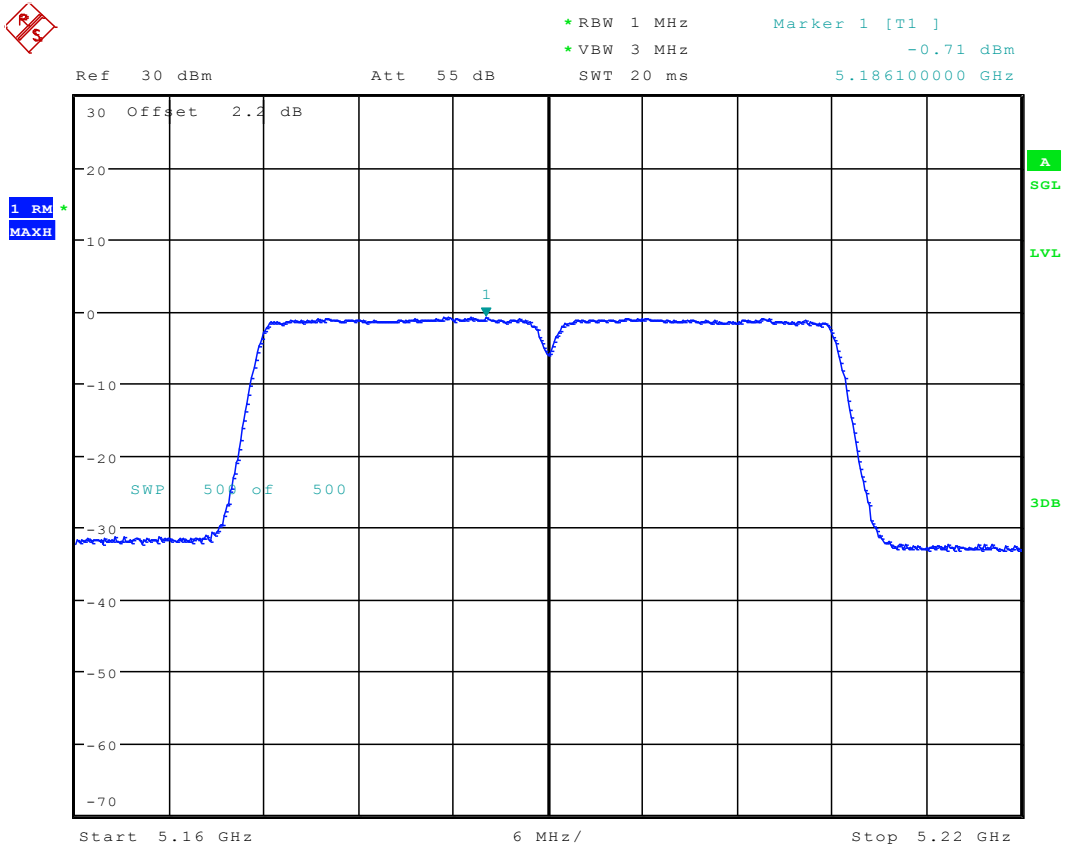


### 11.54 11N20MIMO\_165 ANT 2



Date: 15.SEP.2017 14:30:04

### 11.55 11N40\_38 ANT 1

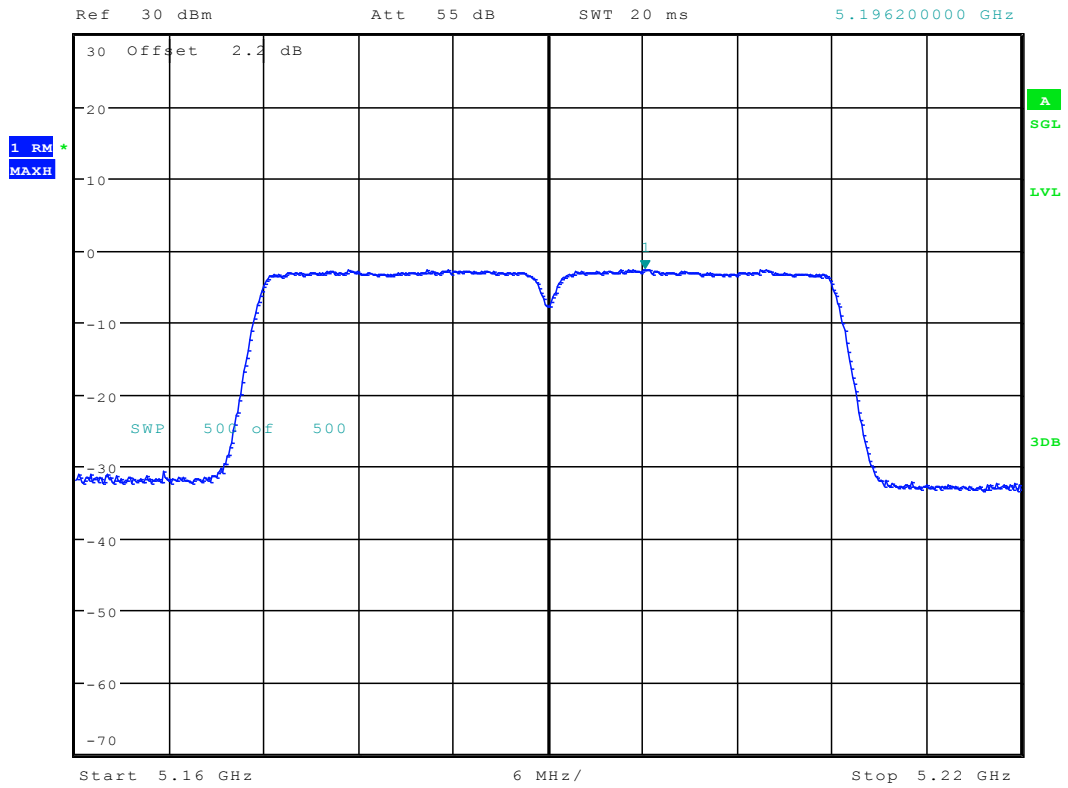


Date: 11.SEP.2017 17:58:34

### 11.56 11N40\_38 ANT 2

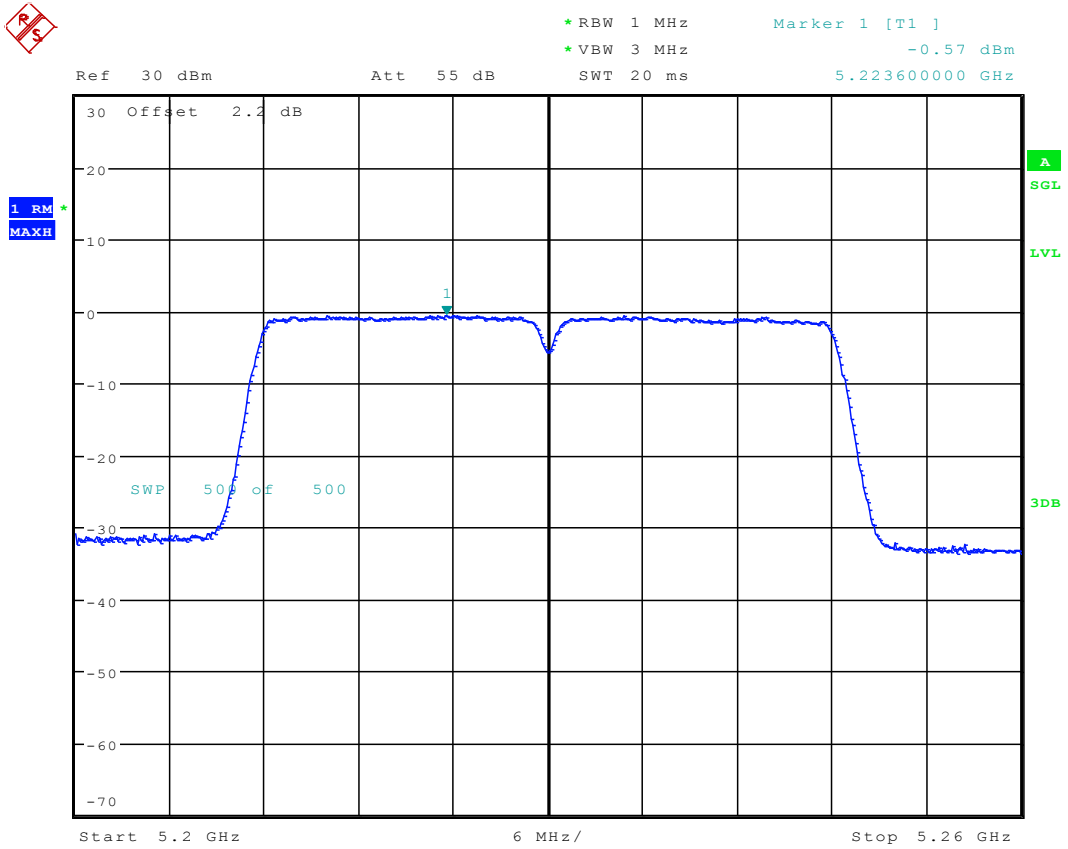


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -2.60 dBm  
SWT 20 ms      5.196200000 GHz



Date: 12.SEP.2017 16:45:55

### 11.57 11N40\_46 ANT 1

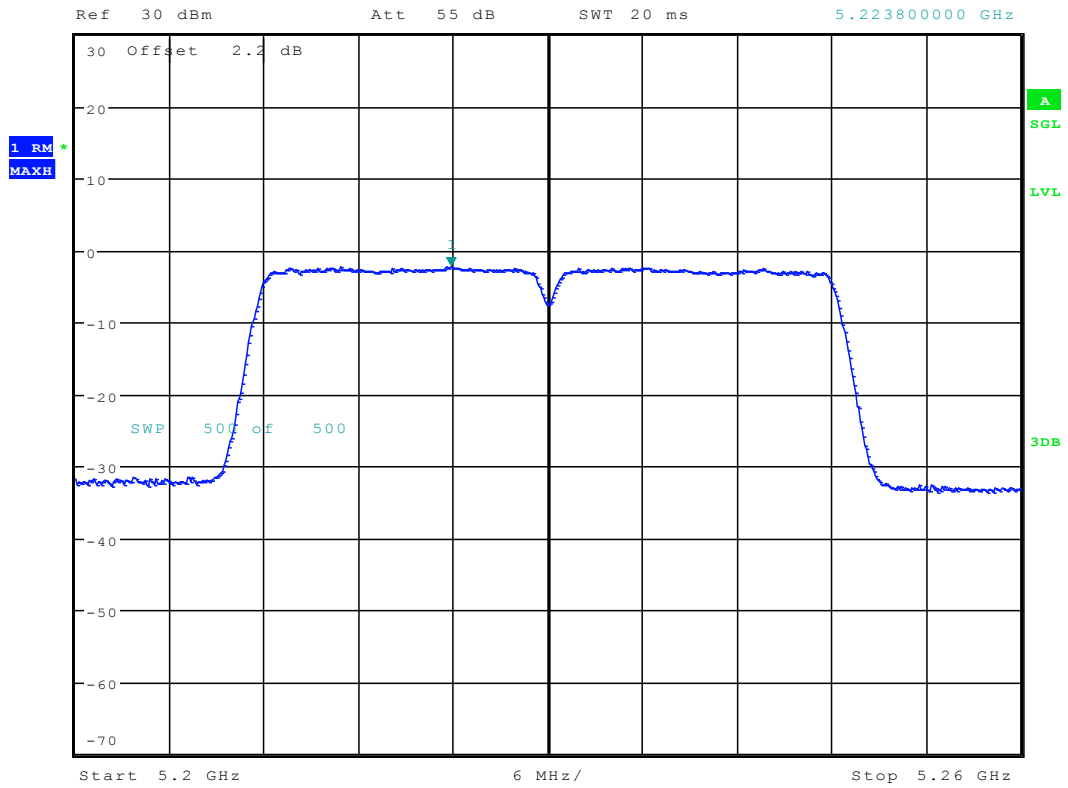


Date: 11.SEP.2017 18:01:34

### 11.58 11N40\_46 ANT 2

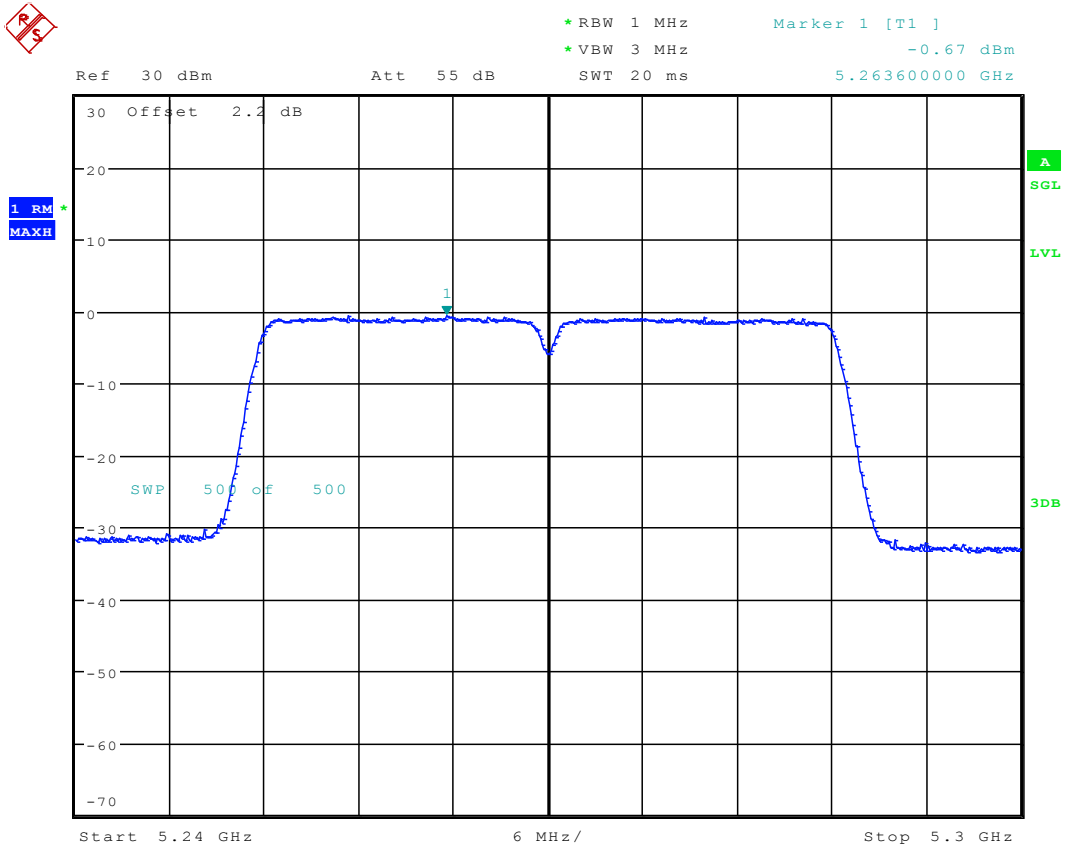


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -2.23 dBm  
SWT 20 ms      5.223800000 GHz



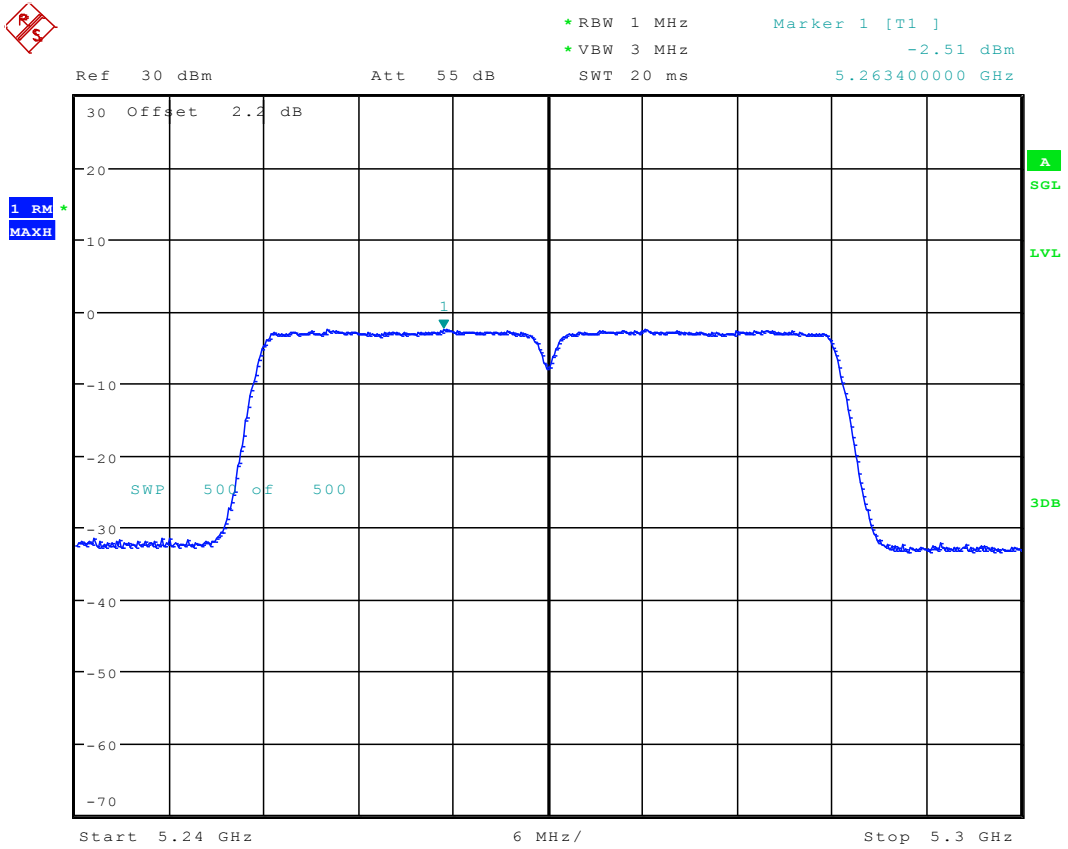
Date: 12.SEP.2017 16:50:03

### 11.59 11N40\_54 ANT 1



Date: 11.SEP.2017 18:05:21

### 11.60 11N40\_54 ANT 2

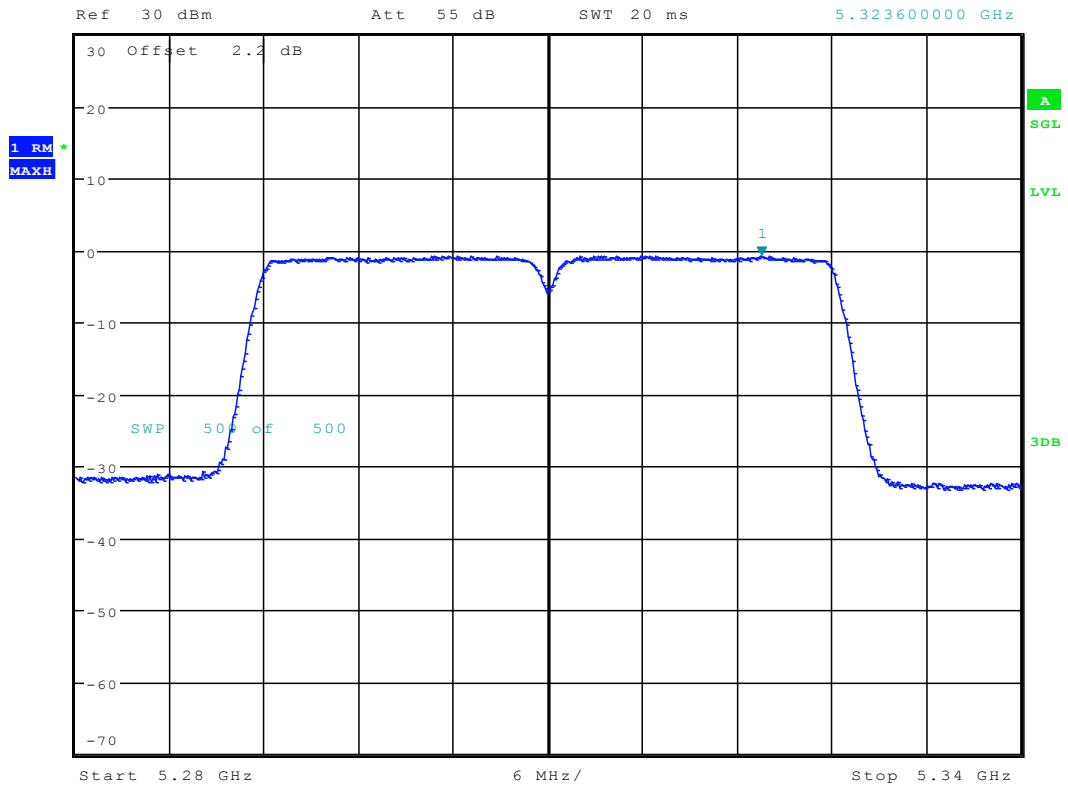


Date: 12.SEP.2017 16:53:08

### 11.61 11N40\_62 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -0.68 dBm  
SWT 20 ms      5.323600000 GHz



Date: 11.SEP.2017 18:08:55