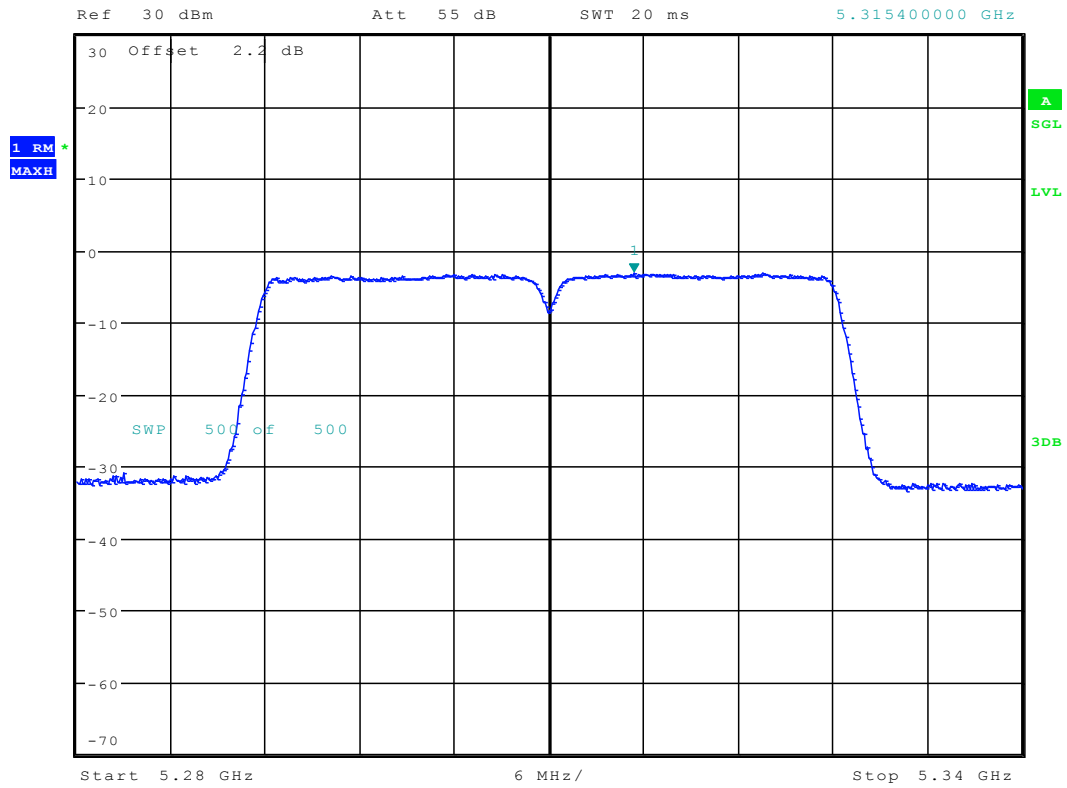




### 11.62 11N40\_62 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -3.14 dBm  
 SWT 20 ms      5.315400000 GHz



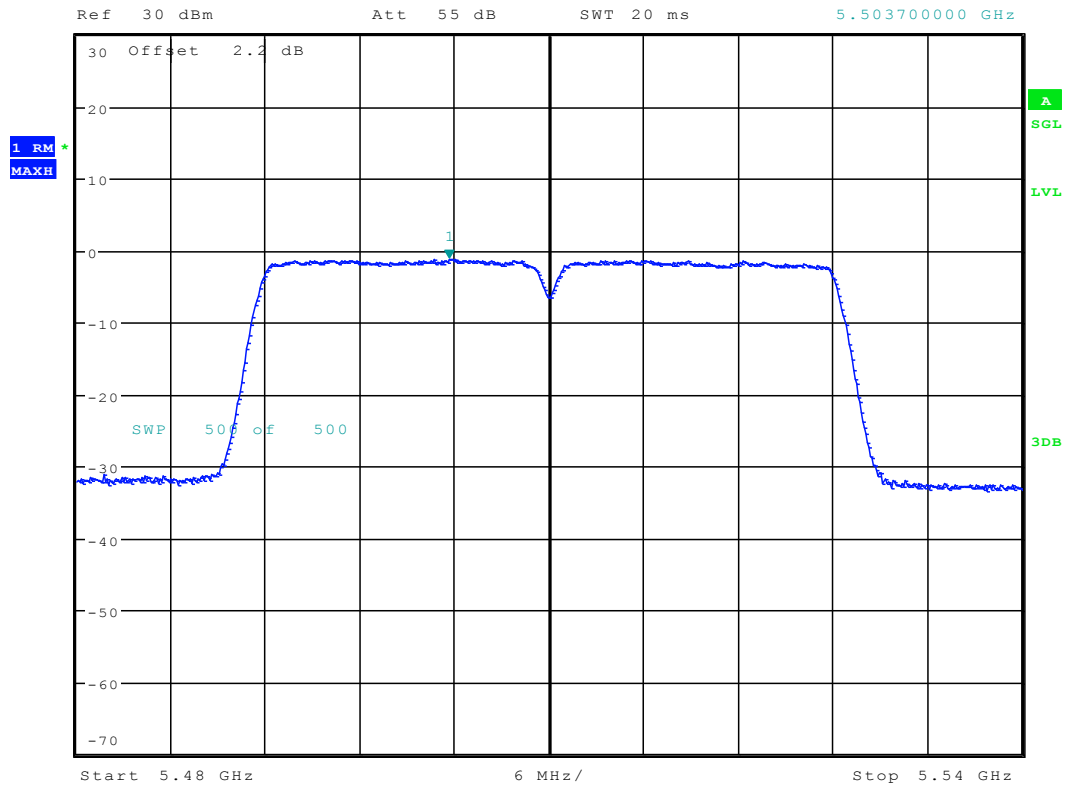
Date: 7.AUG.2017 15:22:14



### 11.63 11N40\_102 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.17 dBm  
 SWT 20 ms      5.503700000 GHz



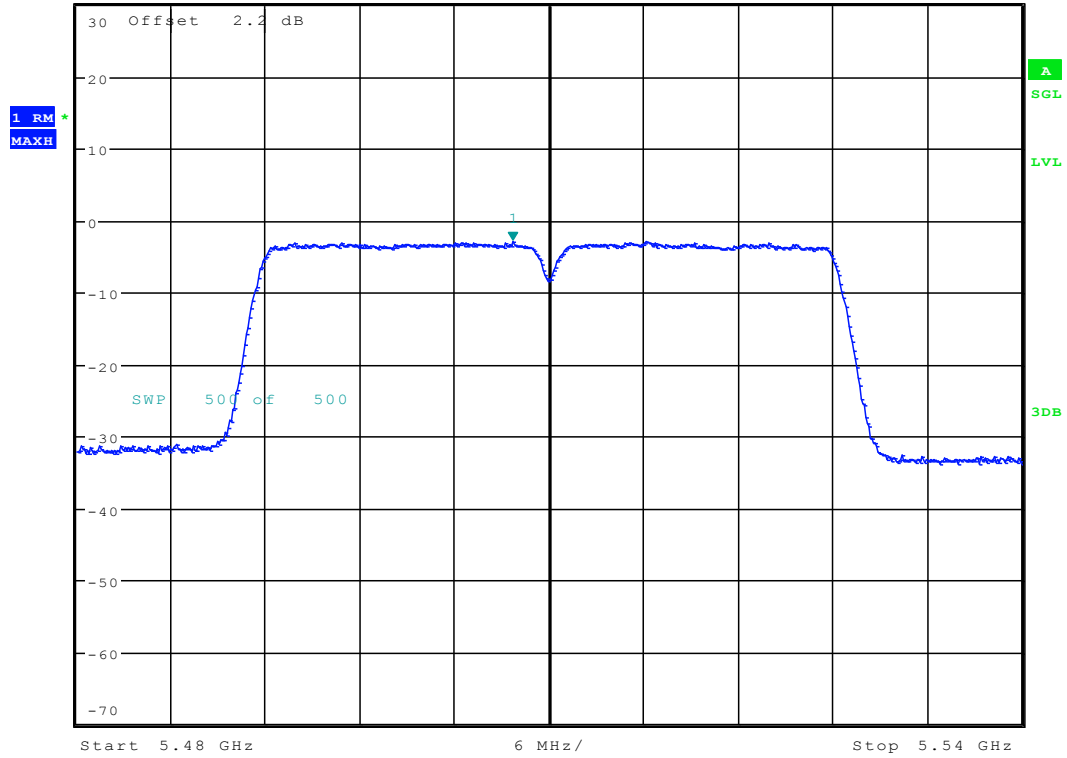
Date: 7.AUG.2017 10:34:37



### 11.64 11N40\_102 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -2.91 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.507700000 GHz



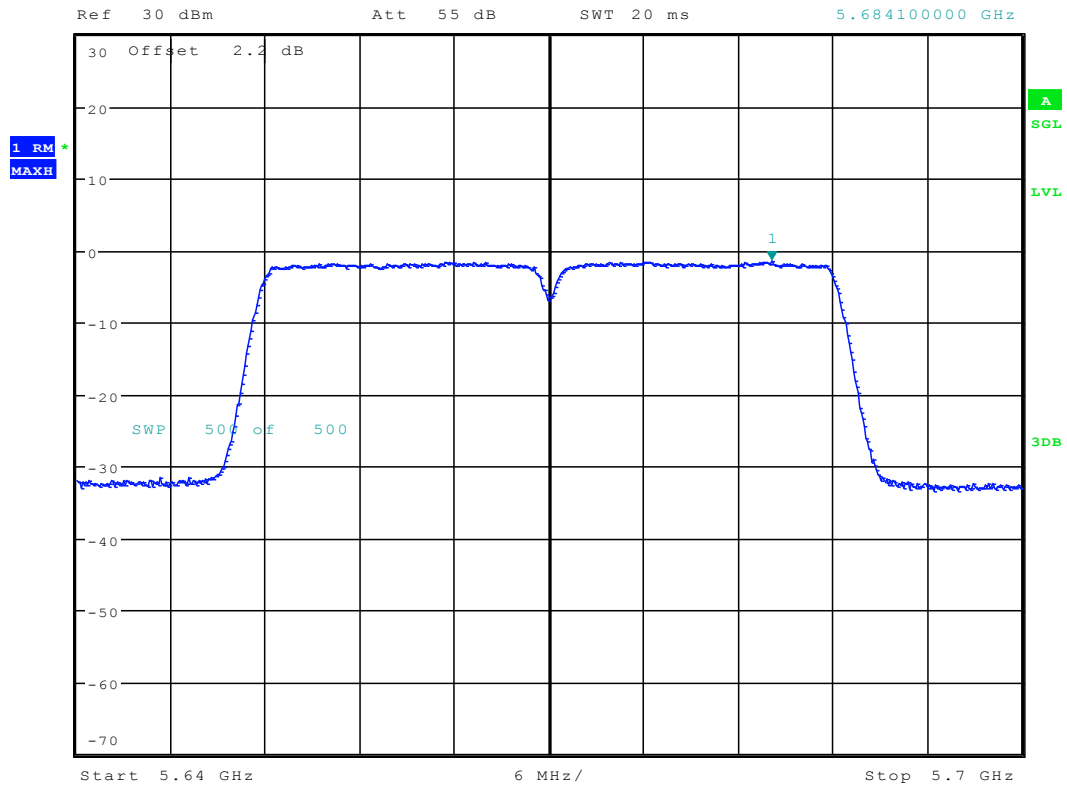
Date: 7.AUG.2017 15:25:39



### 11.65 11N40\_134 ANT 1



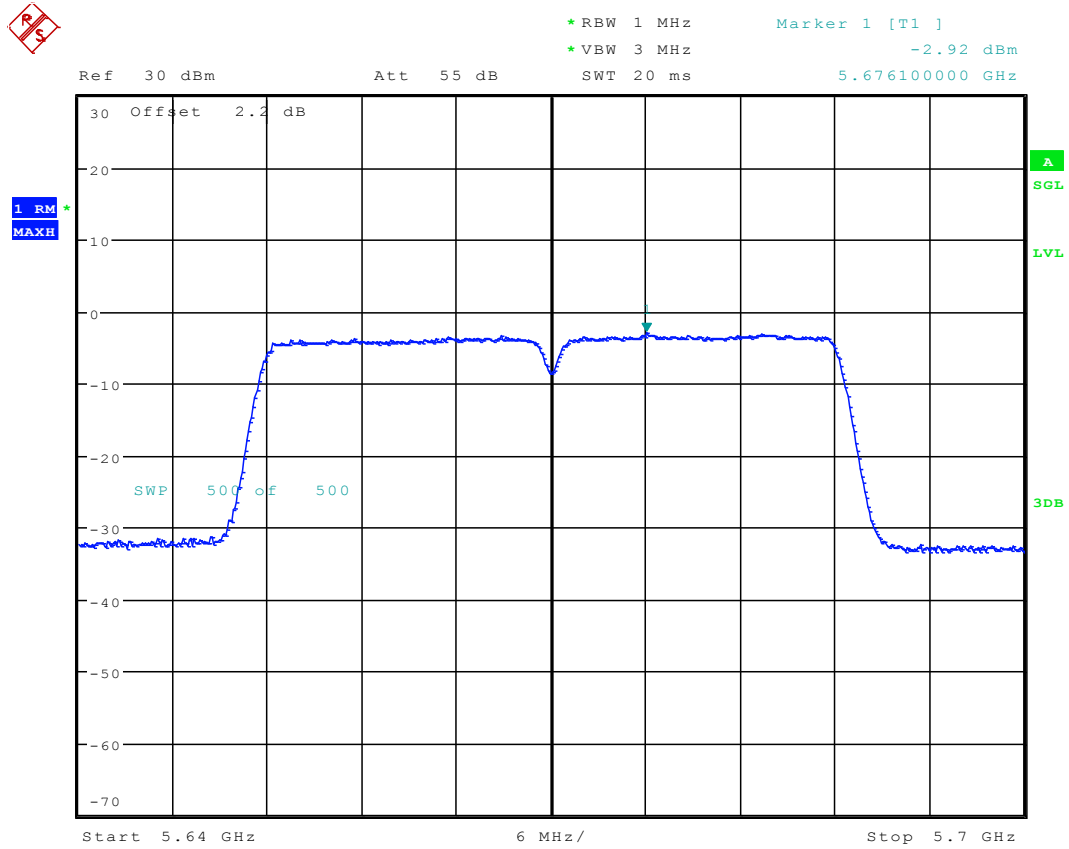
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.40 dBm  
SWT 20 ms      5.684100000 GHz



Date: 7.AUG.2017 10:37:36



### 11.66 11N40\_134 ANT 2

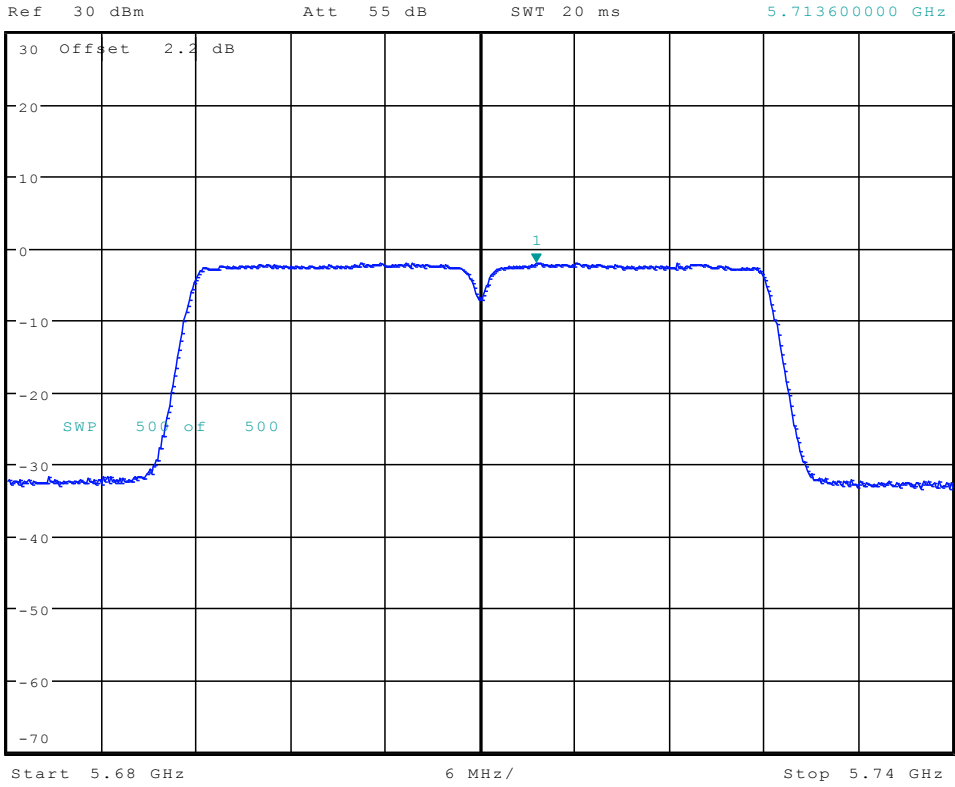


Date: 7.AUG.2017 15:40:18

### 11.67 11N40\_142 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -2.04 dBm  
SWT 20 ms      5.713600000 GHz

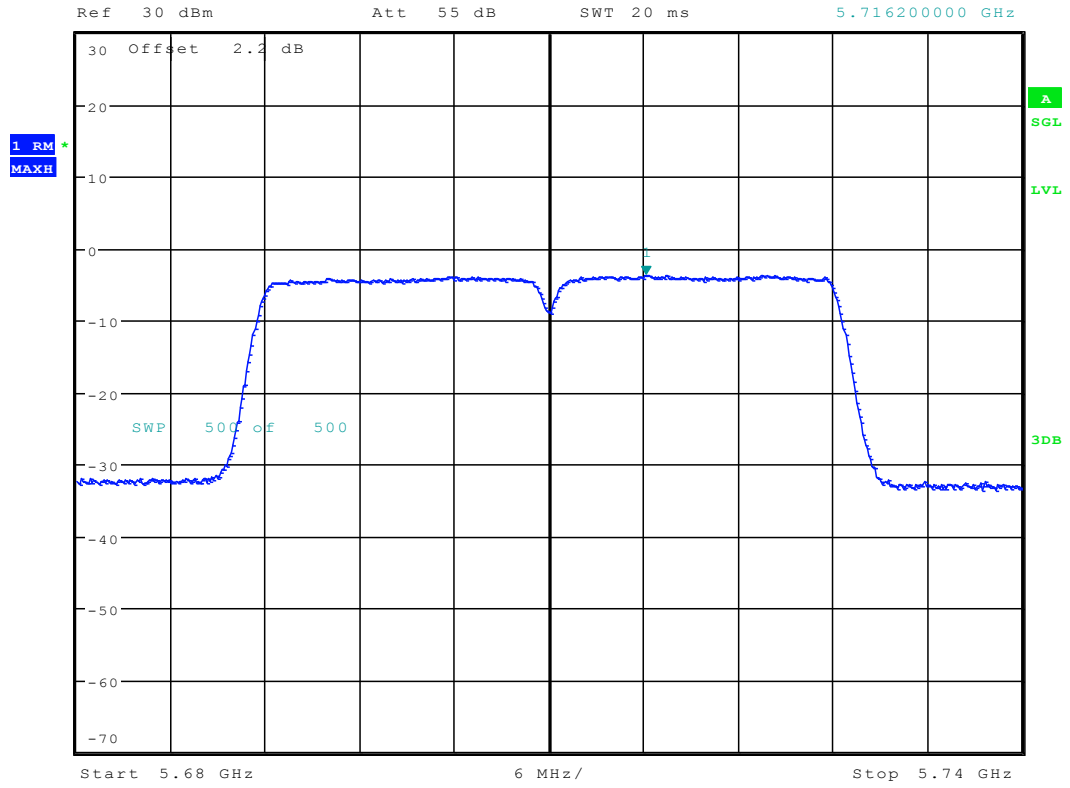


Date: 16.SEP.2017 10:05:27

### 11.68 11N40\_142 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -3.67 dBm  
SWT 20 ms      5.71620000 GHz



Date: 16.SEP.2017 10:43:52

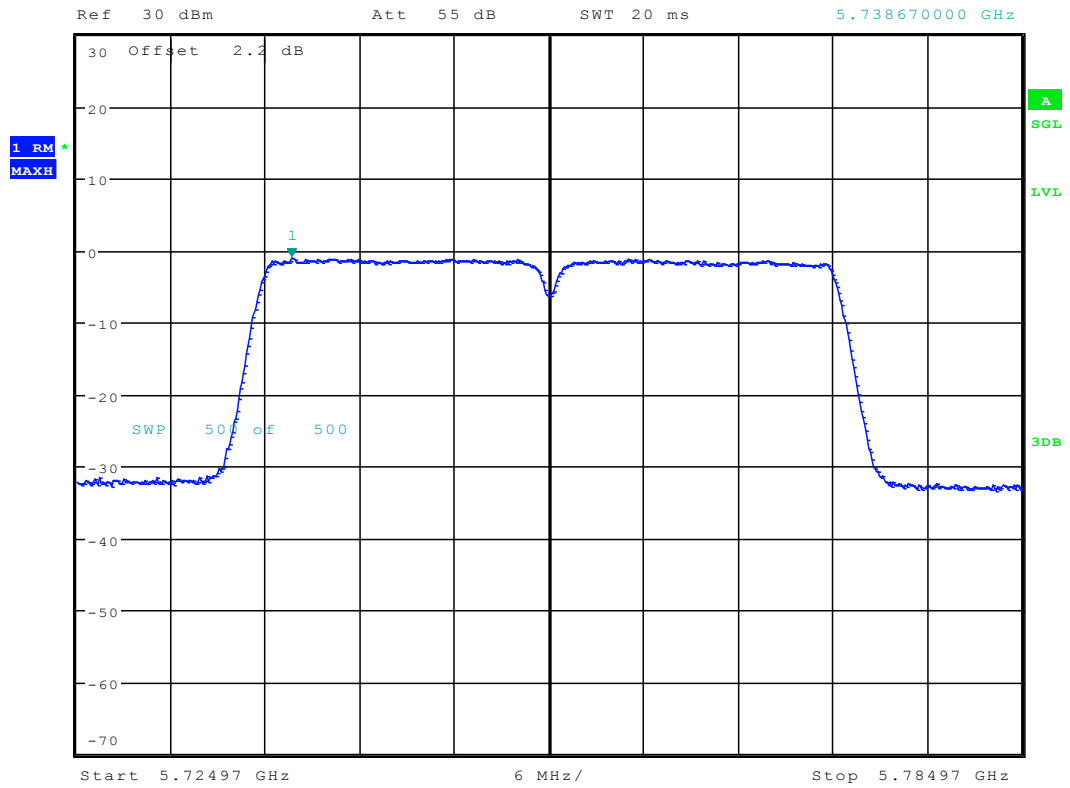


### 11.69 11N40\_151 ANT 1



\*RBW 1 MHz  
\*VBW 2 MHz  
SWT 20 ms

Marker 1 [T1 ]  
-1.08 dBm  
5.738670000 GHz



Date: 7.AUG.2017 10:43:40

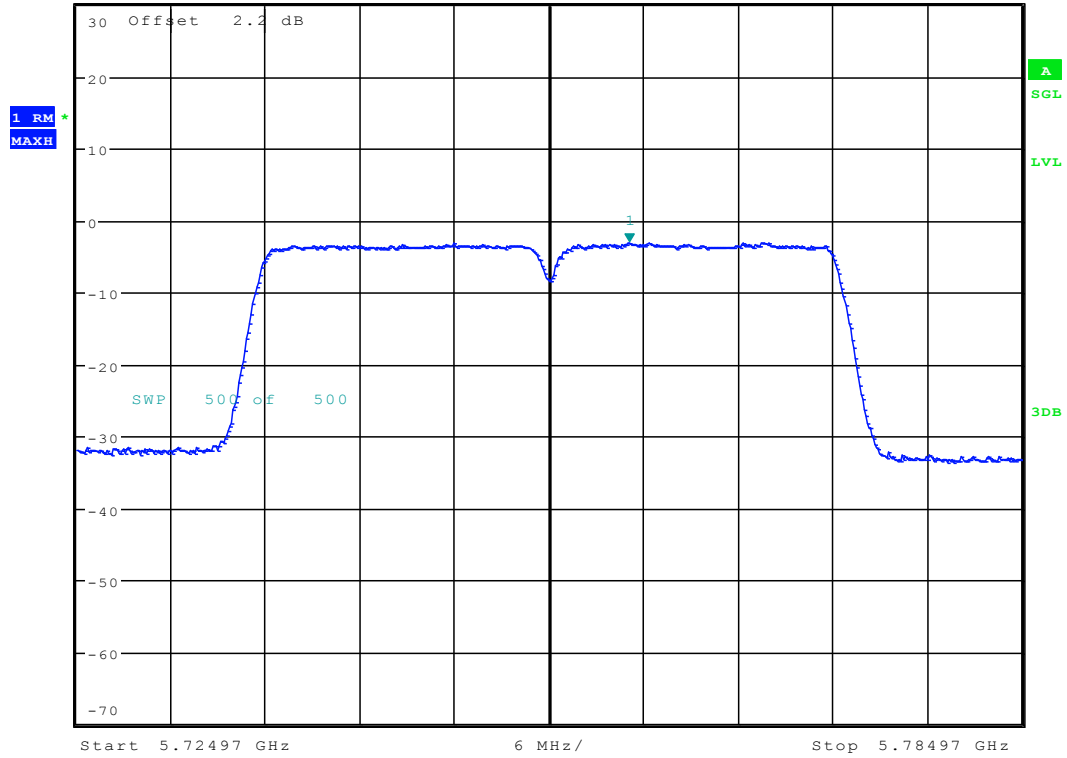




### 11.70 11N40\_151 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -3.12 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.760070000 GHz



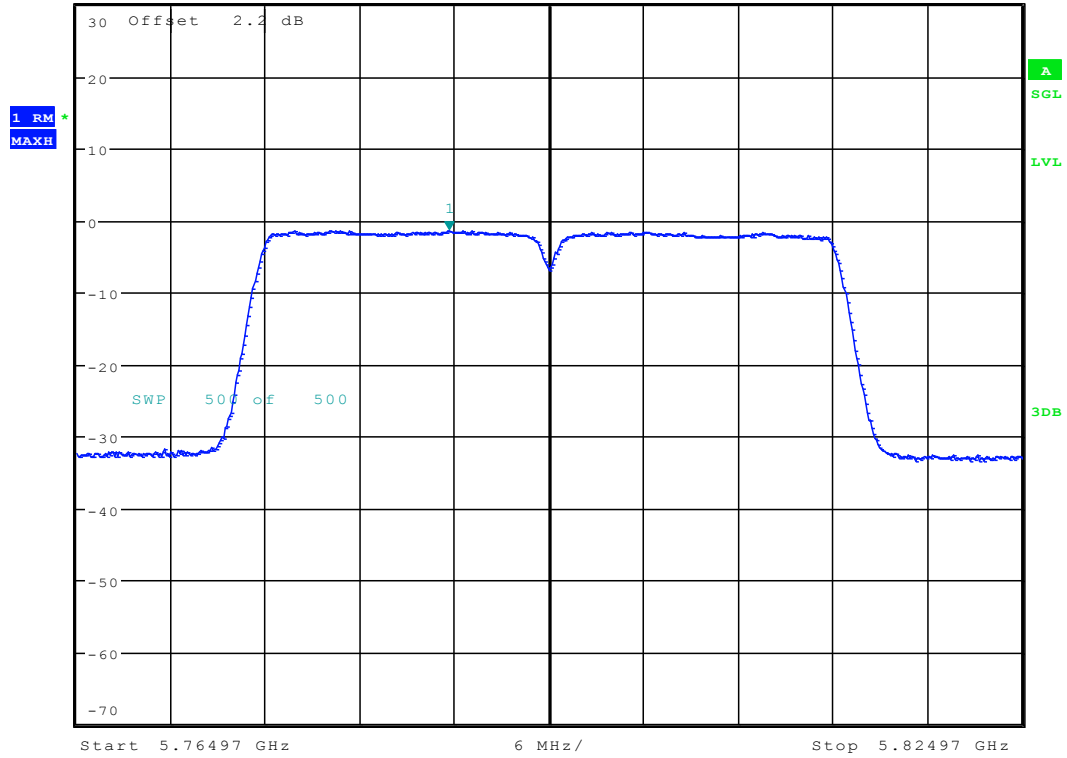
Date: 7.AUG.2017 15:44:02



### 11.71 11N40\_159 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -1.37 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.788670000 GHz



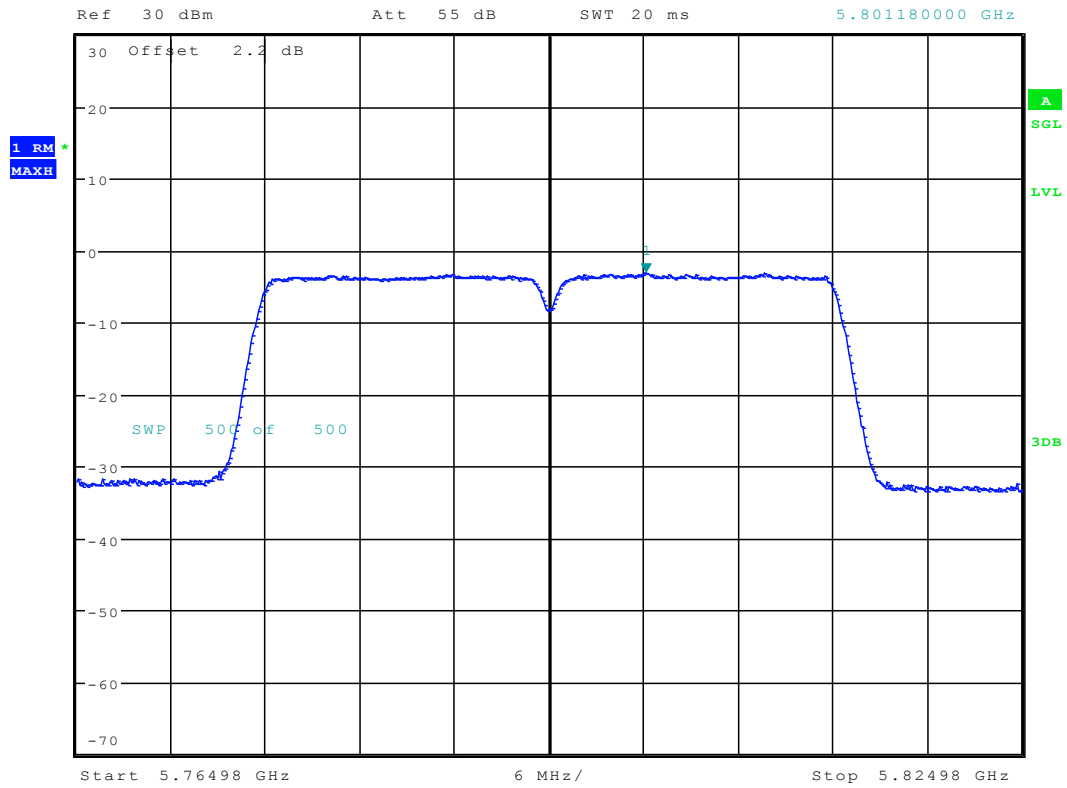
Date: 7.AUG.2017 10:46:53



### 11.72 11N40\_159 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      -3.12 dBm  
SWT 20 ms      5.801180000 GHz



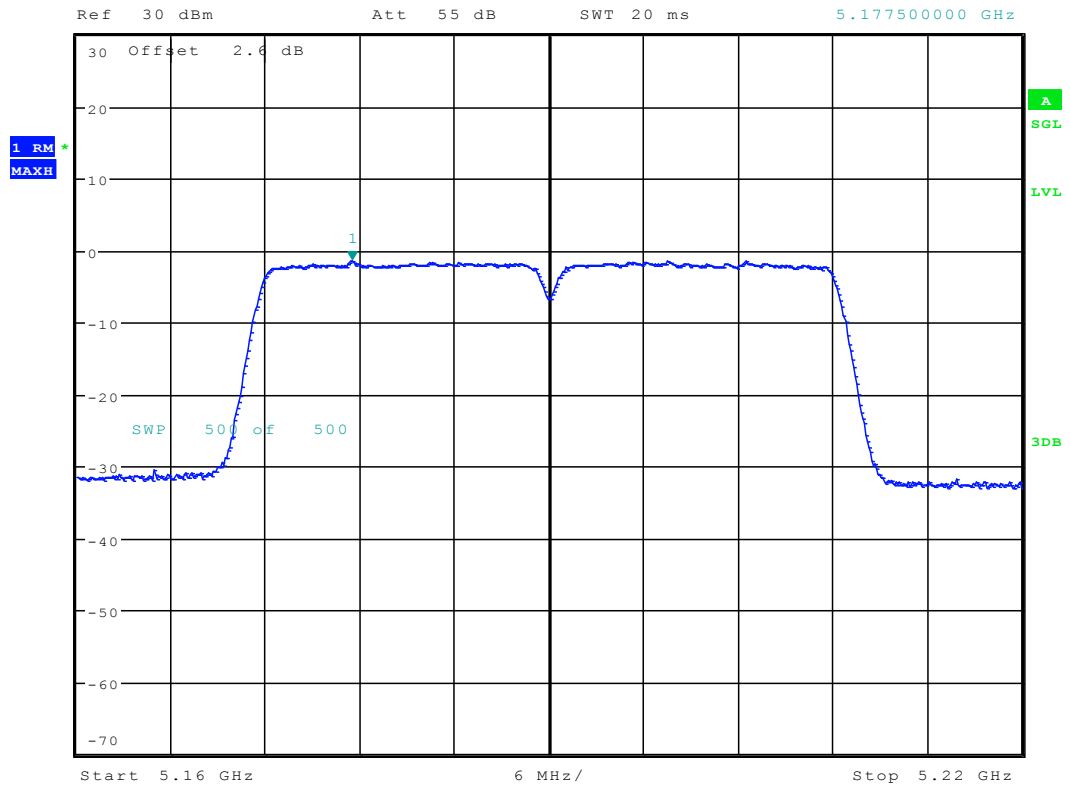
Date: 7.AUG.2017 15:47:24



### 11.73 11N40MIMO\_38 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.42 dBm  
SWT 20 ms      5.177500000 GHz



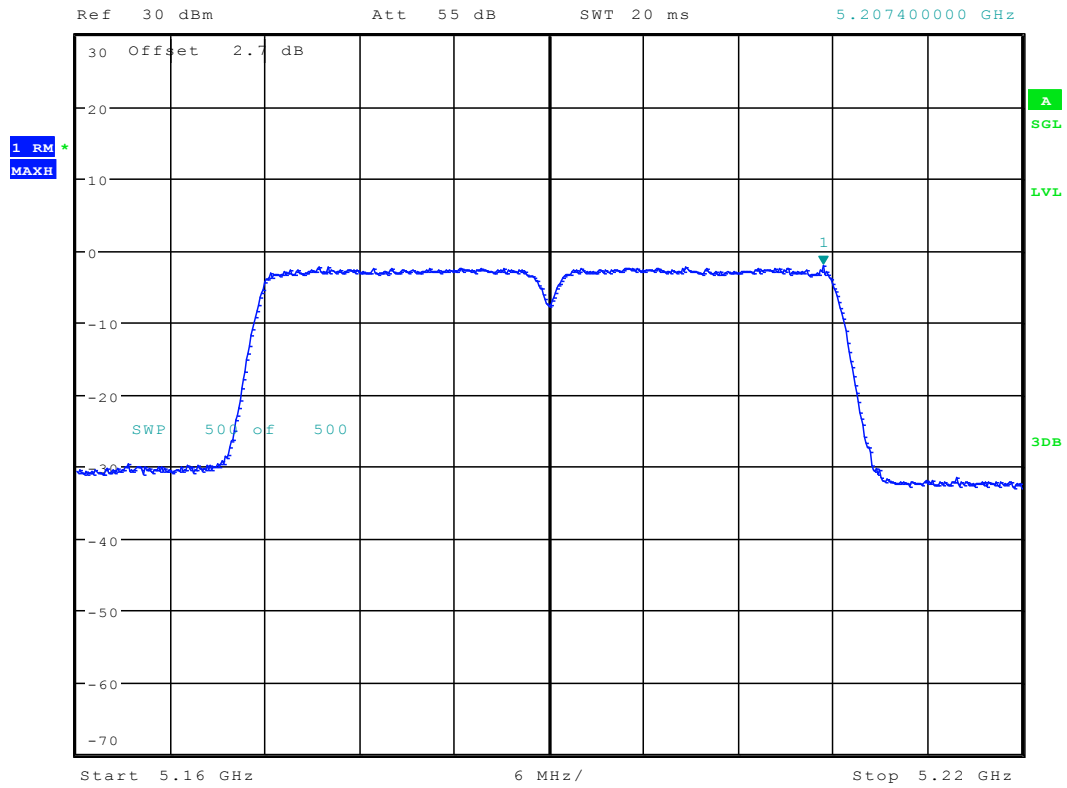
Date: 9.AUG.2017 16:51:54



### 11.74 11N40MIMO\_38 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -2.02 dBm  
 SWT 20 ms      5.207400000 GHz



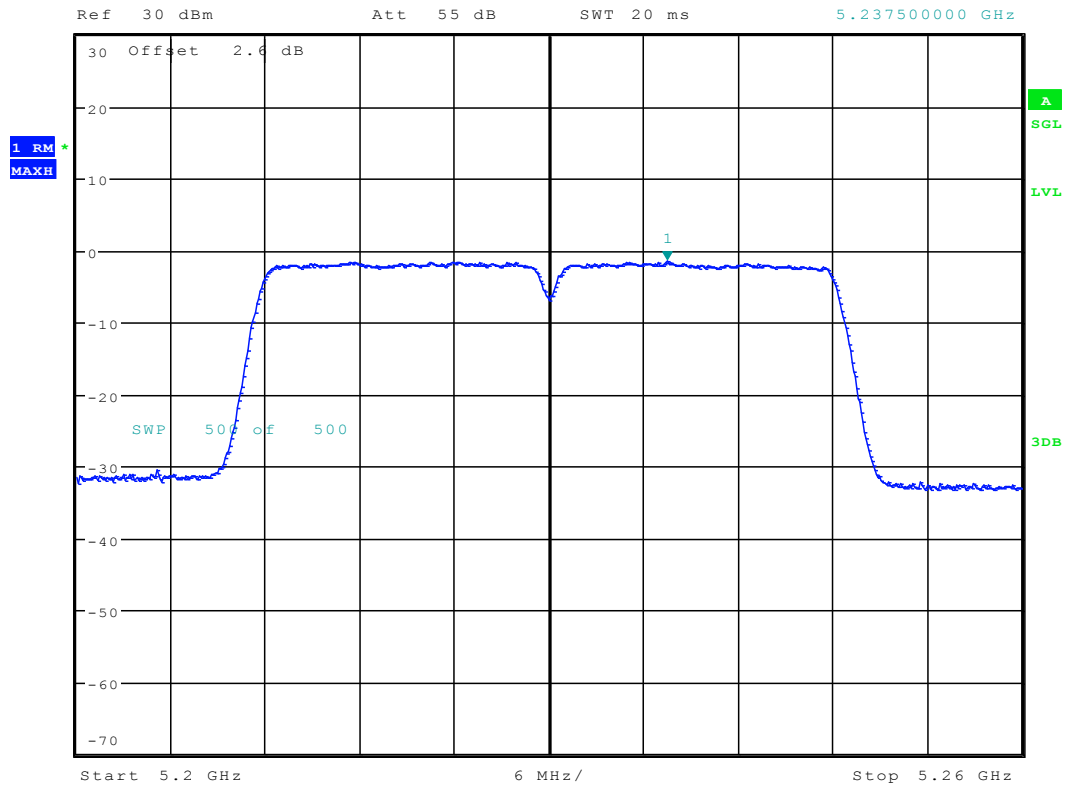
Date: 9.AUG.2017 15:53:17



### 11.75 11N40MIMO\_46 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.51 dBm  
SWT 20 ms      5.237500000 GHz



Date: 9.AUG.2017 16:54:35

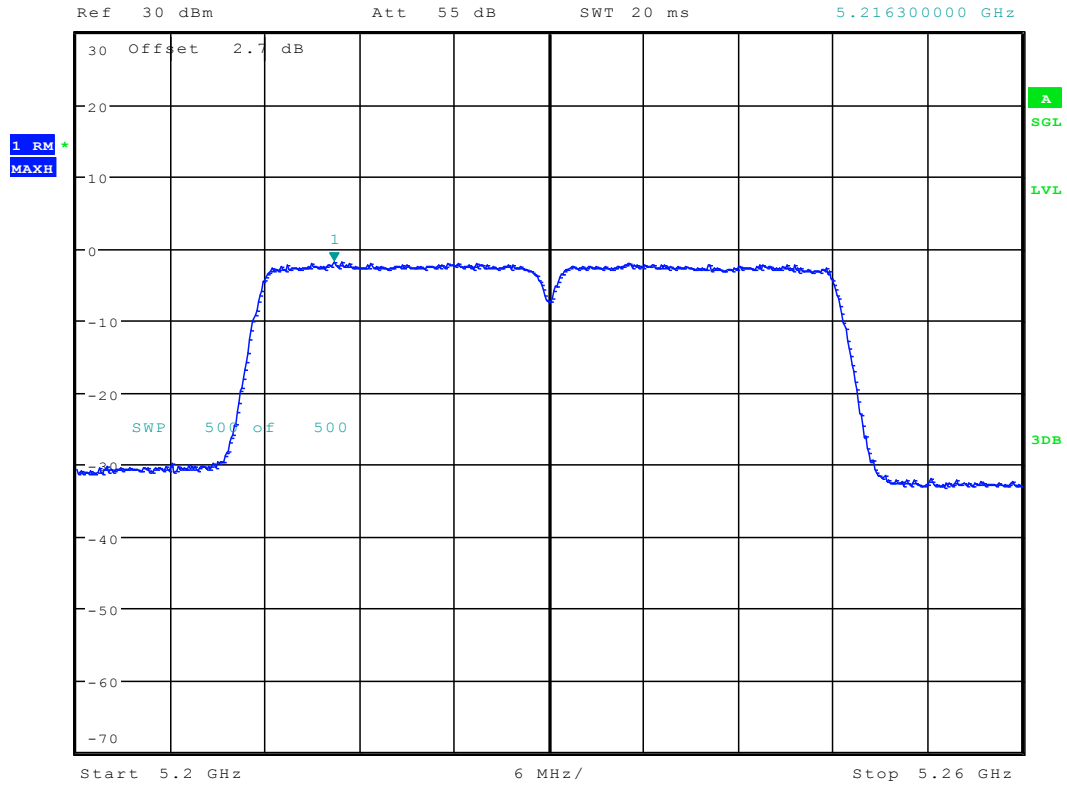


### 11.76 11N40MIMO\_46 ANT 2



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
-1.74 dBm  
5.216300000 GHz



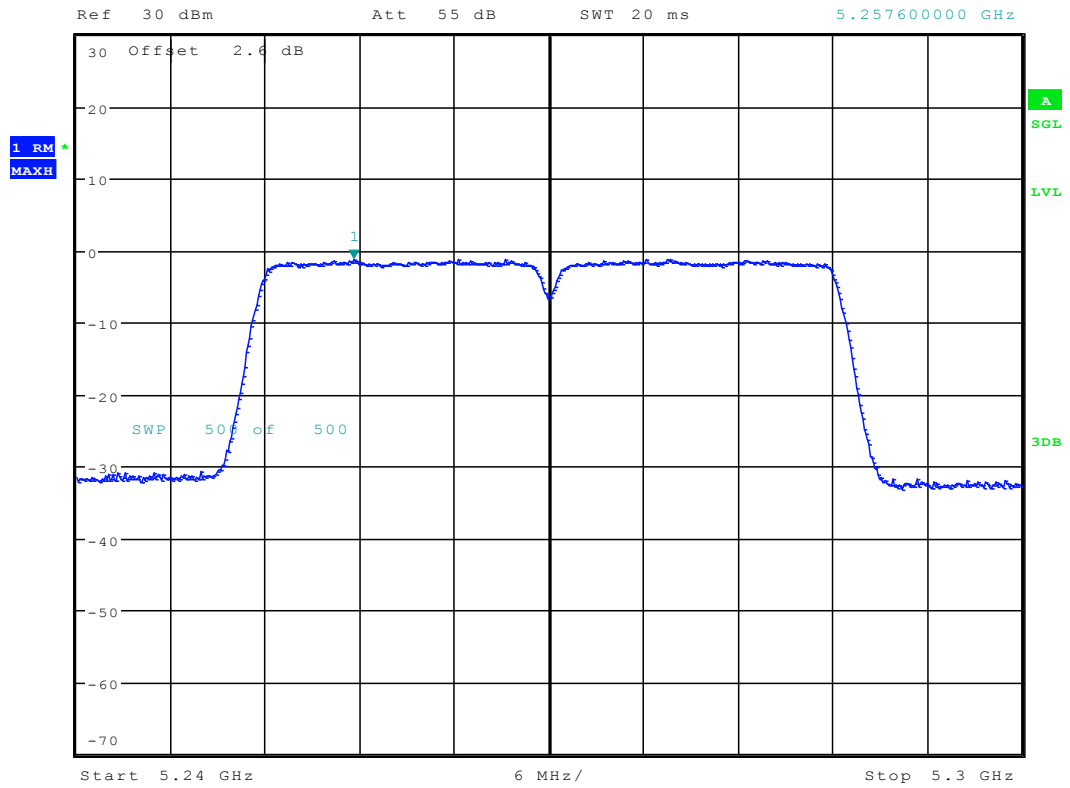
Date: 9.AUG.2017 15:56:12



### 11.77 11N40MIMO\_54 ANT 1



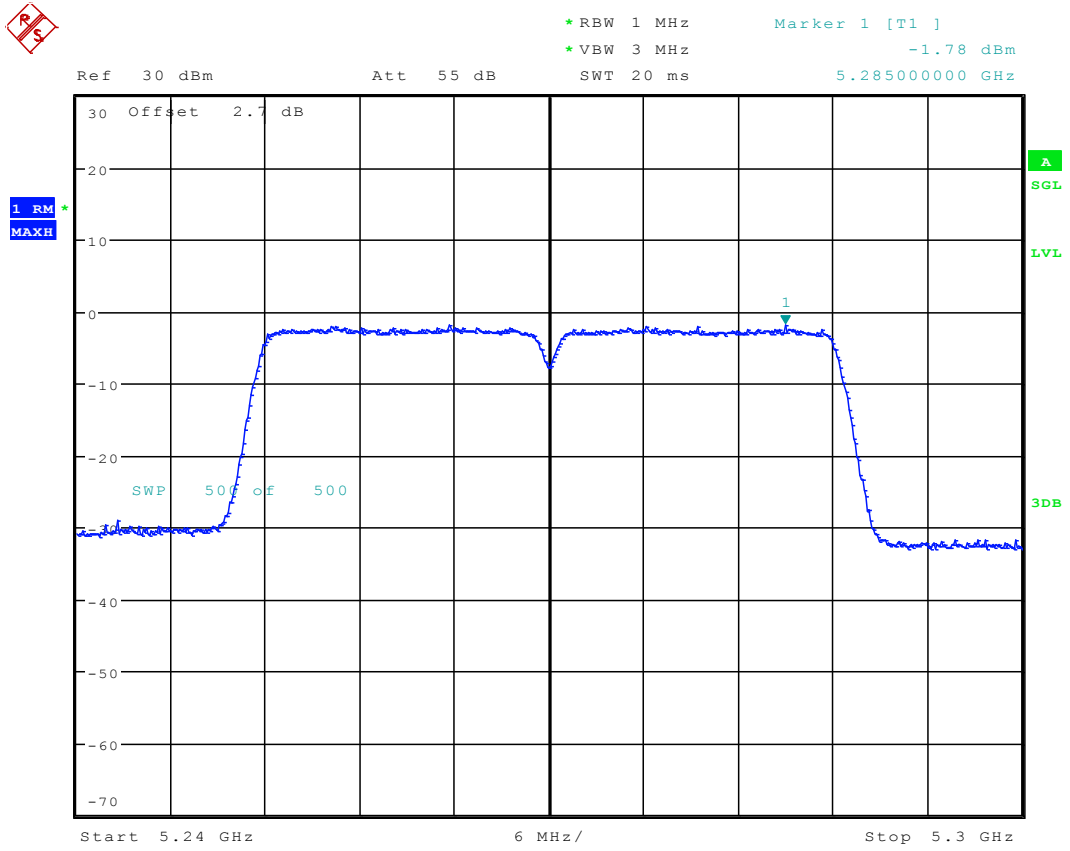
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.16 dBm  
SWT 20 ms      5.257600000 GHz



Date: 9.AUG.2017 16:57:47



### 11.78 11N40MIMO\_54 ANT 2



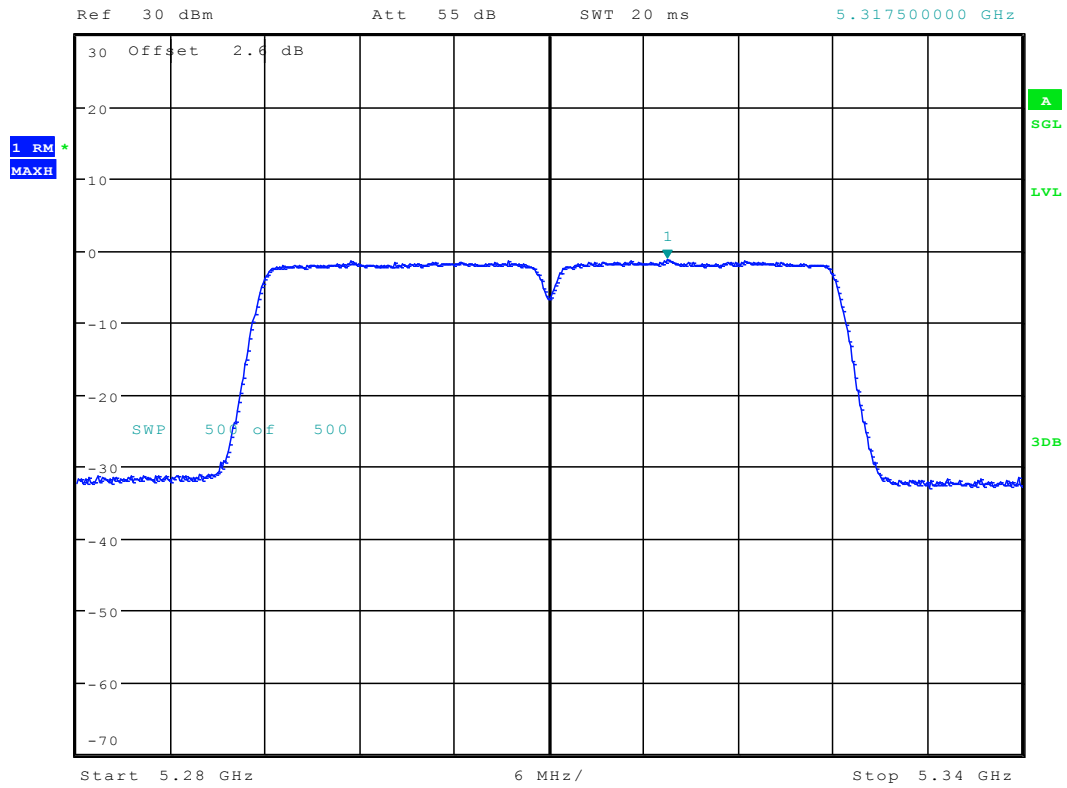
Date: 9.AUG.2017 15:59:06



### 11.79 11N40MIMO\_62 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.24 dBm  
 SWT 20 ms      5.317500000 GHz



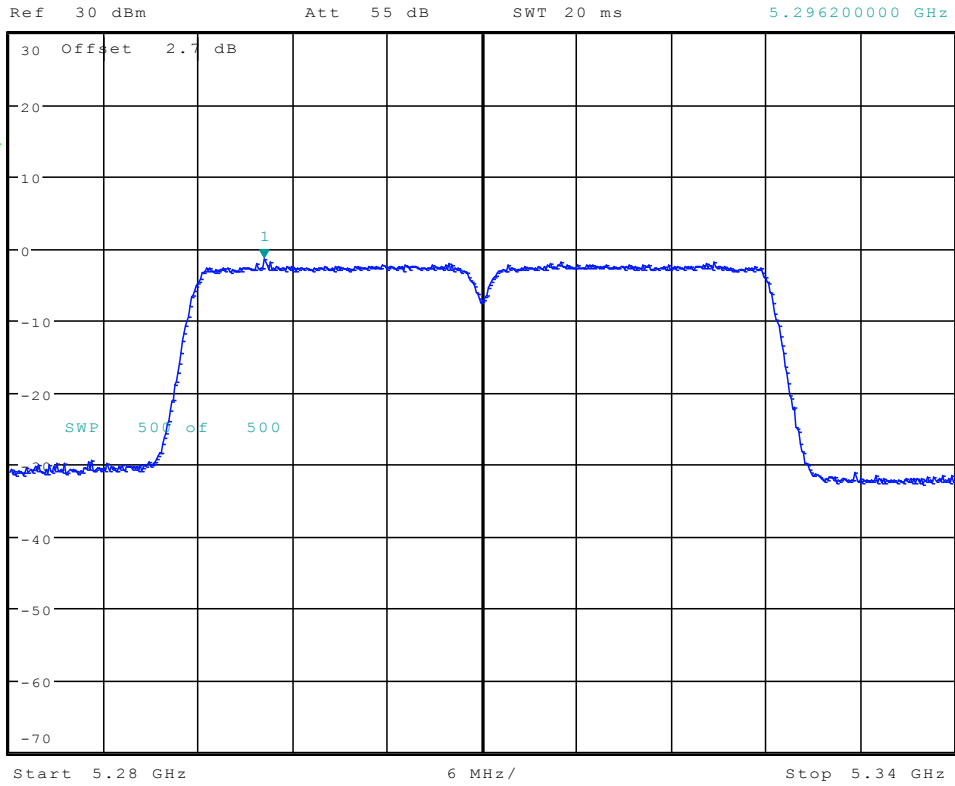
Date: 9.AUG.2017 17:00:29



### 11.80 11N40MIMO\_62 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.50 dBm  
 SWT 20 ms      5.296200000 GHz



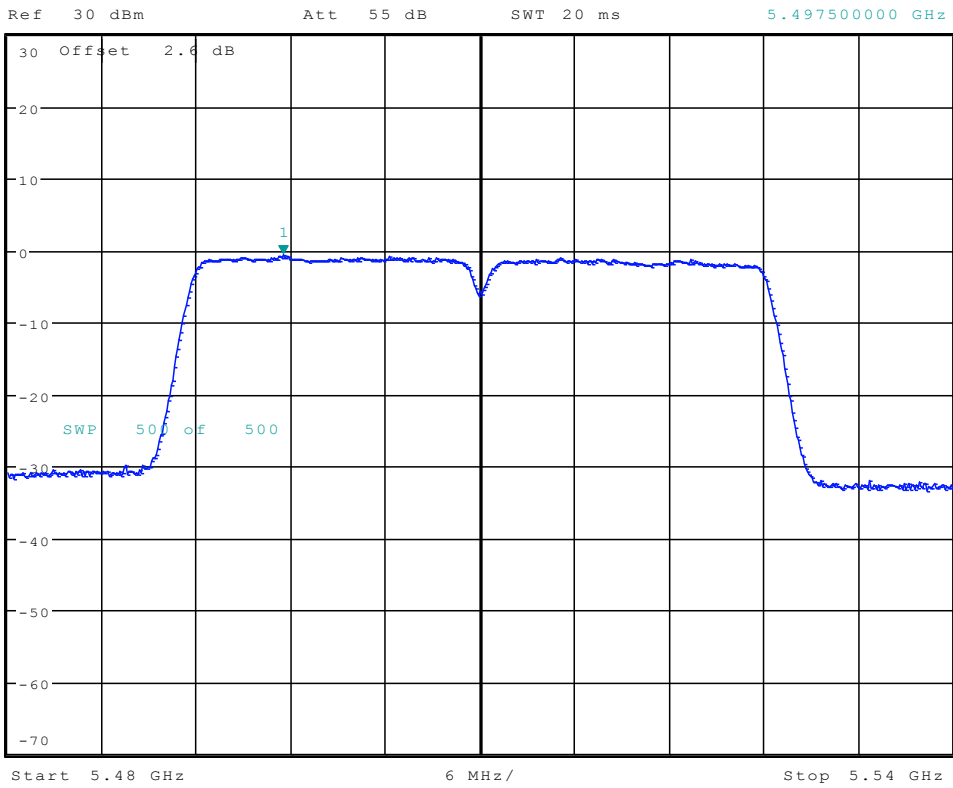
Date: 9.AUG.2017 16:01:40



### 11.81 11N40MIMO\_102 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -0.55 dBm  
 SWT 20 ms      5.497500000 GHz



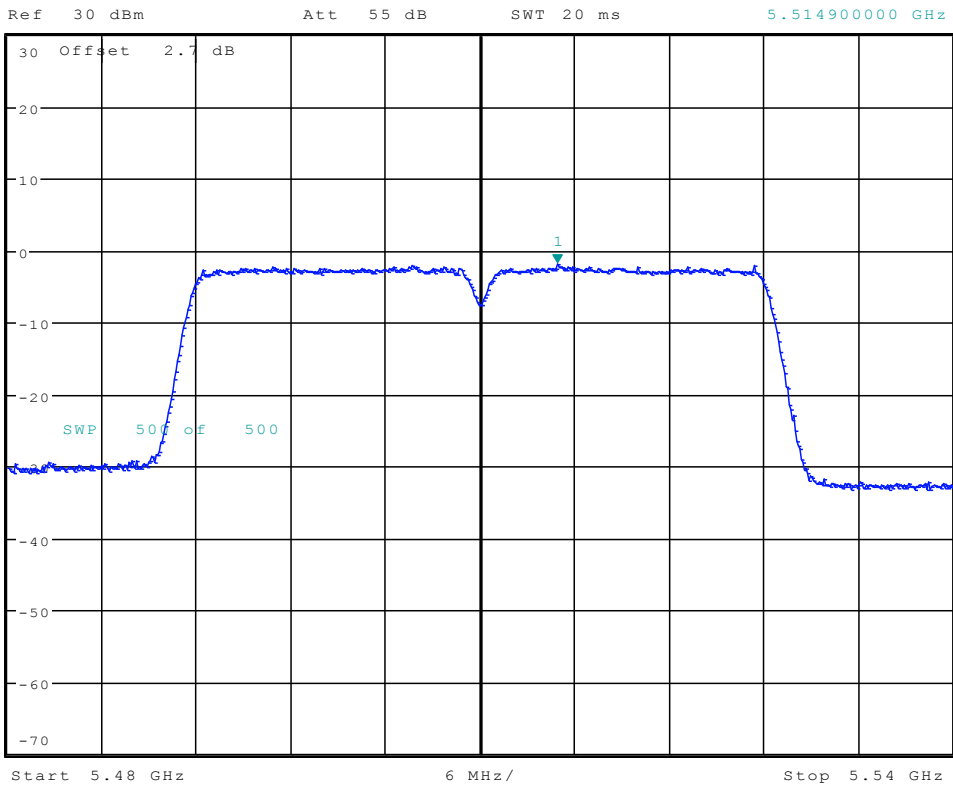
Date: 9.AUG.2017 17:03:22



### 11.82 11N40MIMO\_102 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.86 dBm  
 SWT 20 ms      5.514900000 GHz



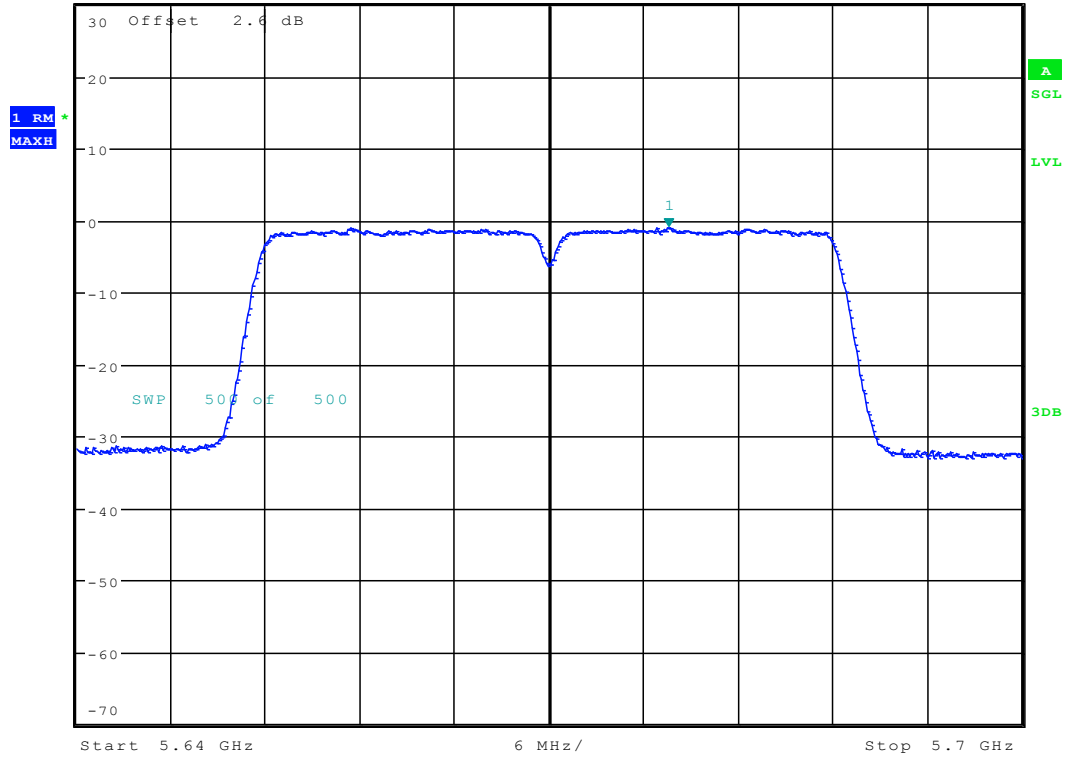
Date: 9.AUG.2017 16:04:29



### 11.83 11N40MIMO\_134 ANT 1

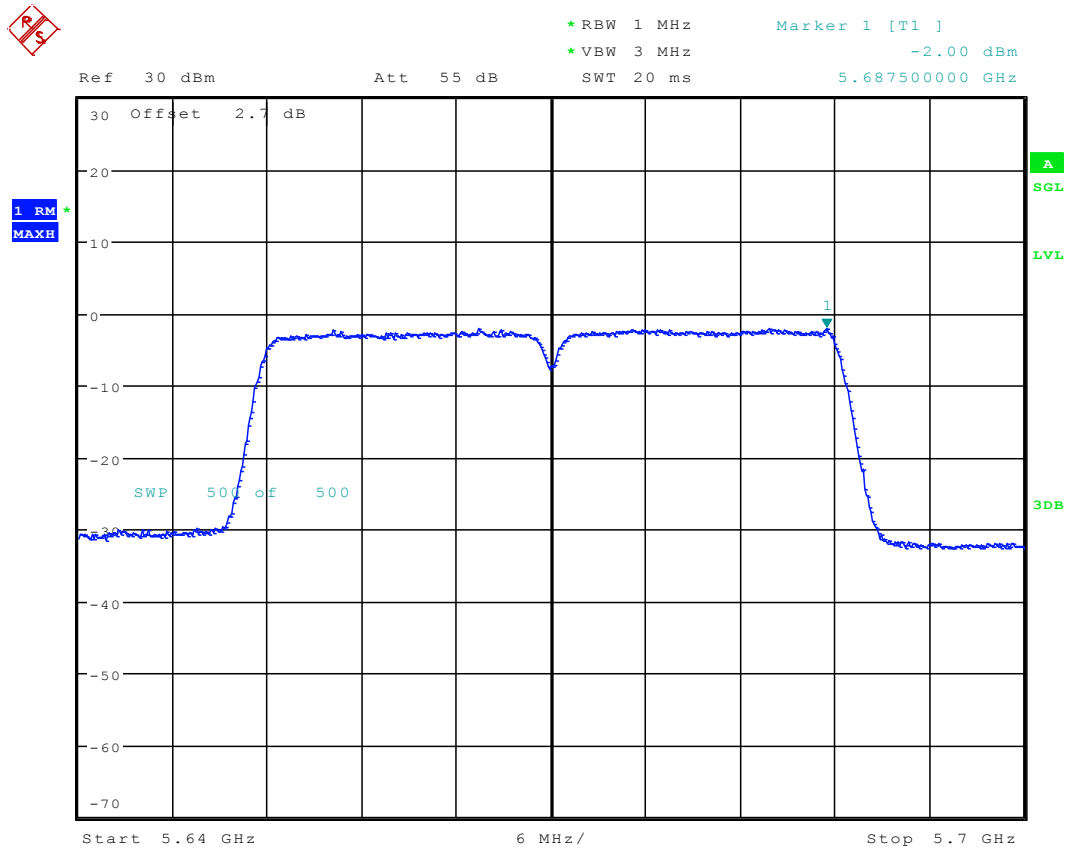


\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -0.93 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.677600000 GHz



Date: 9.AUG.2017 17:07:02

### 11.84 11N40MIMO\_134 ANT 2

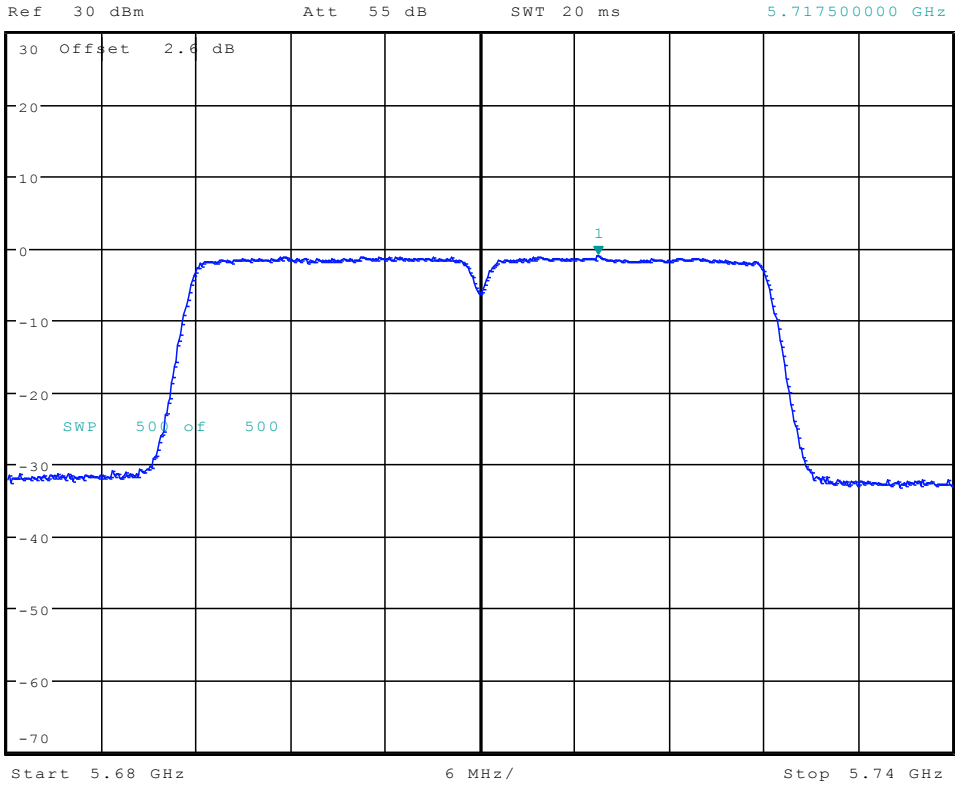


Date: 9.AUG.2017 16:07:07

### 11.85 11N40MIMO\_142 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -0.97 dBm  
SWT 20 ms      5.717500000 GHz



Date: 16.SEP.2017 11:05:54

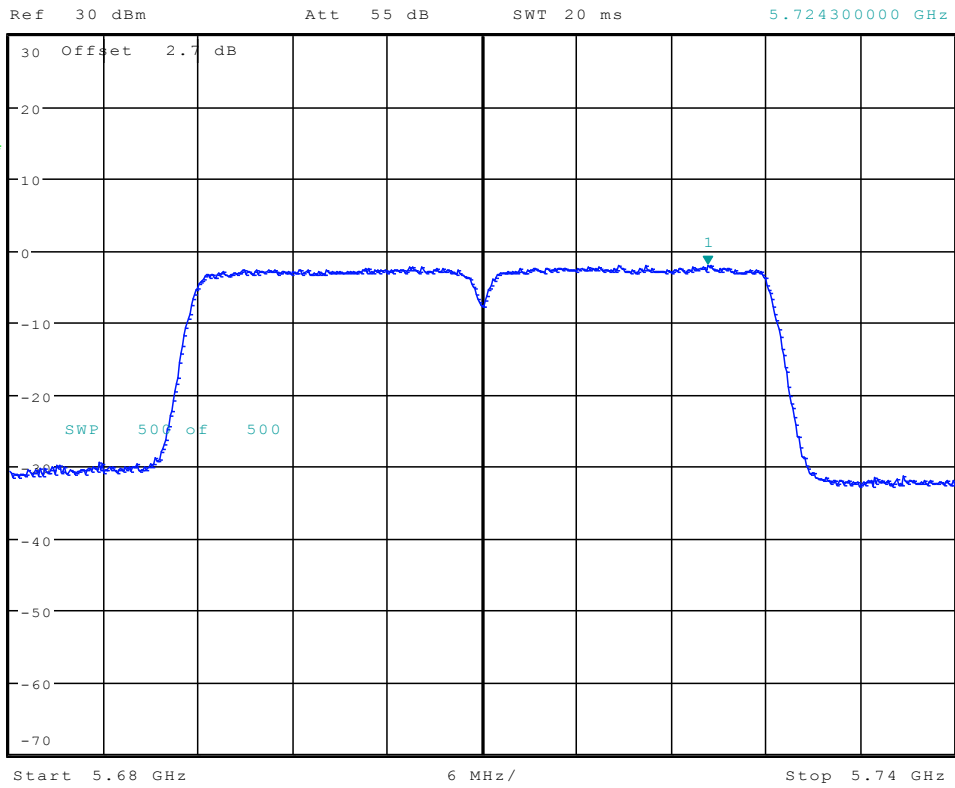




### 11.86 11N40MIMO\_142 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -2.00 dBm  
 SWT 20 ms      5.724300000 GHz



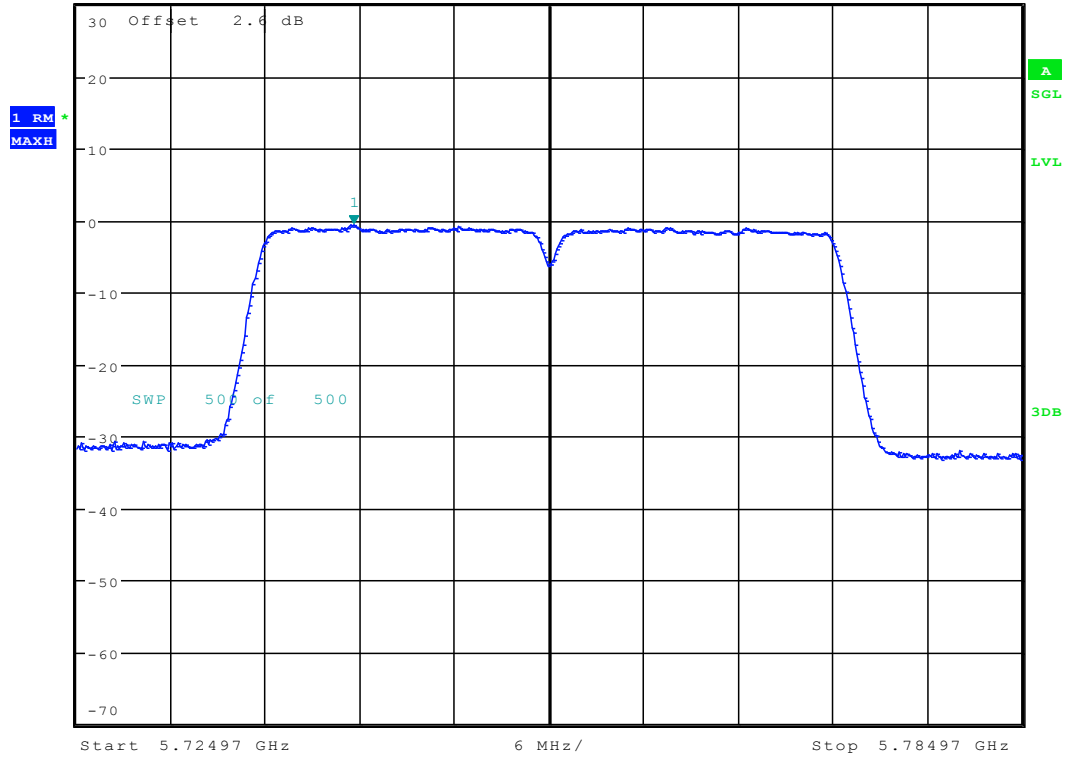
Date: 16.SEP.2017 11:40:42



### 11.87 11N40MIMO\_151 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -0.66 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.742570000 GHz



Date: 9.AUG.2017 17:10:47

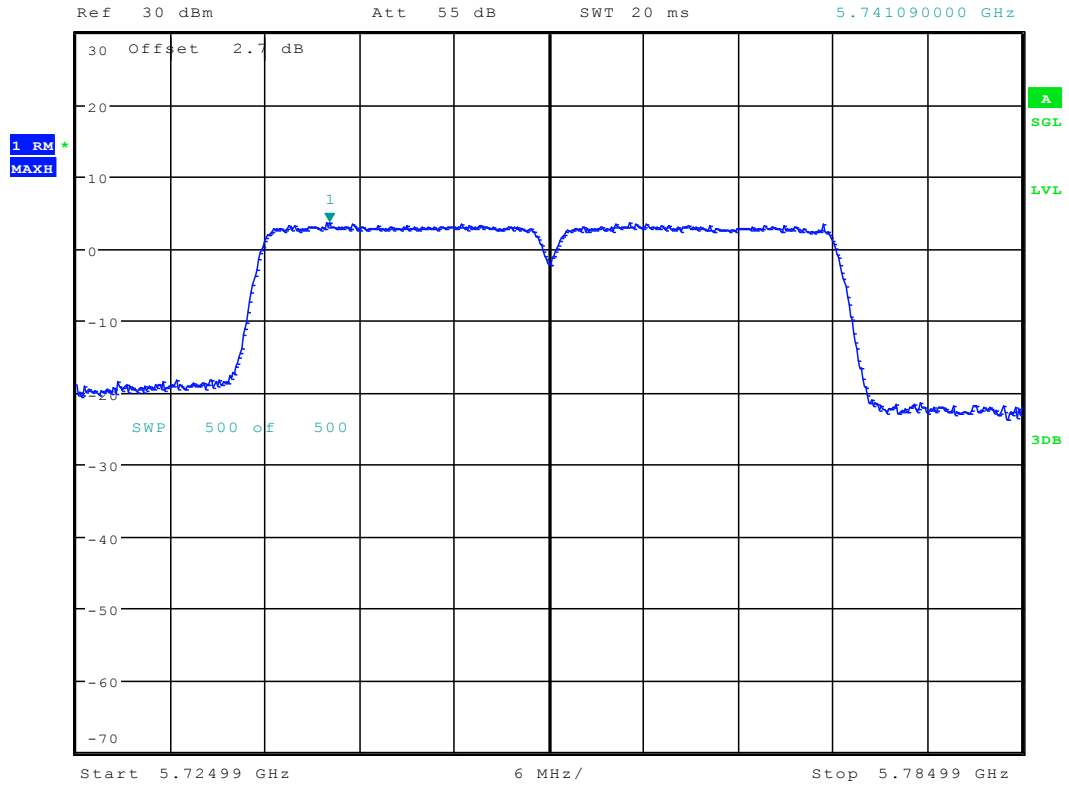


### 11.88 11N40MIMO\_151 ANT 2



\*RBW 1 MHz  
\*VBW 2 MHz  
SWT 20 ms

Marker 1 [T1 ]  
3.62 dBm  
5.741090000 GHz



Date: 9.AUG.2017 16:11:30

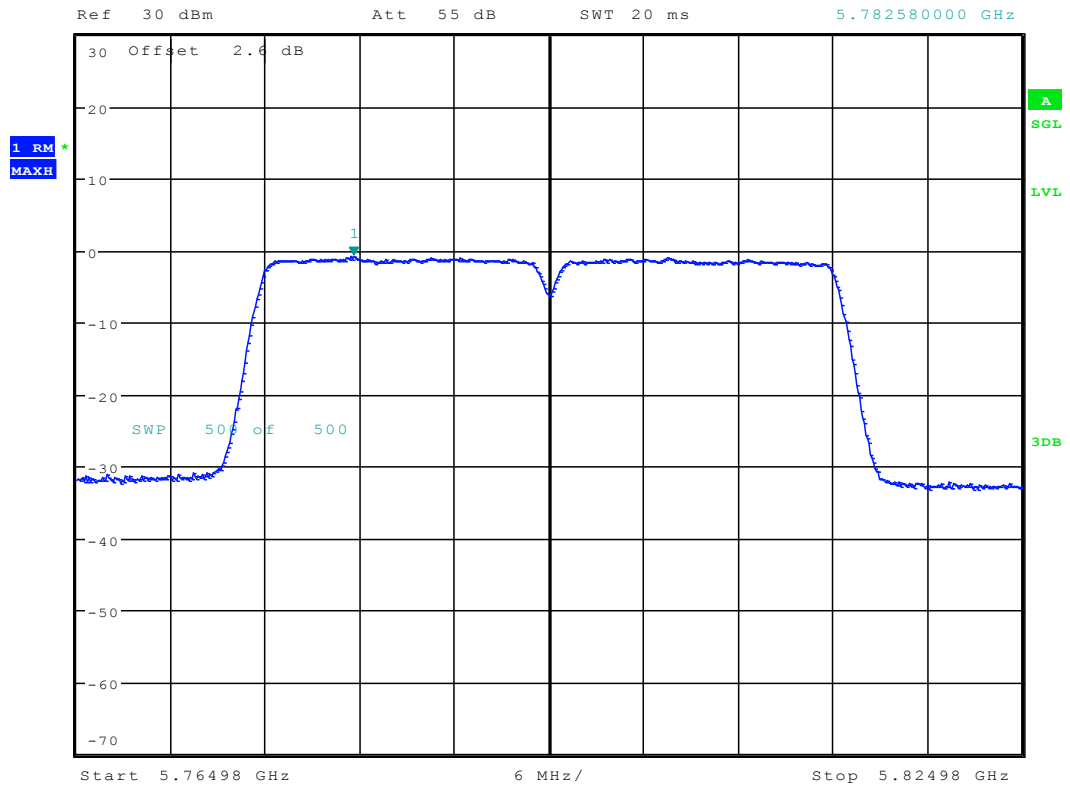


### 11.89 11N40MIMO\_159 ANT 1



\*RBW 1 MHz  
\*VBW 2 MHz  
SWT 20 ms

Marker 1 [T1 ]  
-0.76 dBm  
5.782580000 GHz



Date: 9.AUG.2017 17:14:12

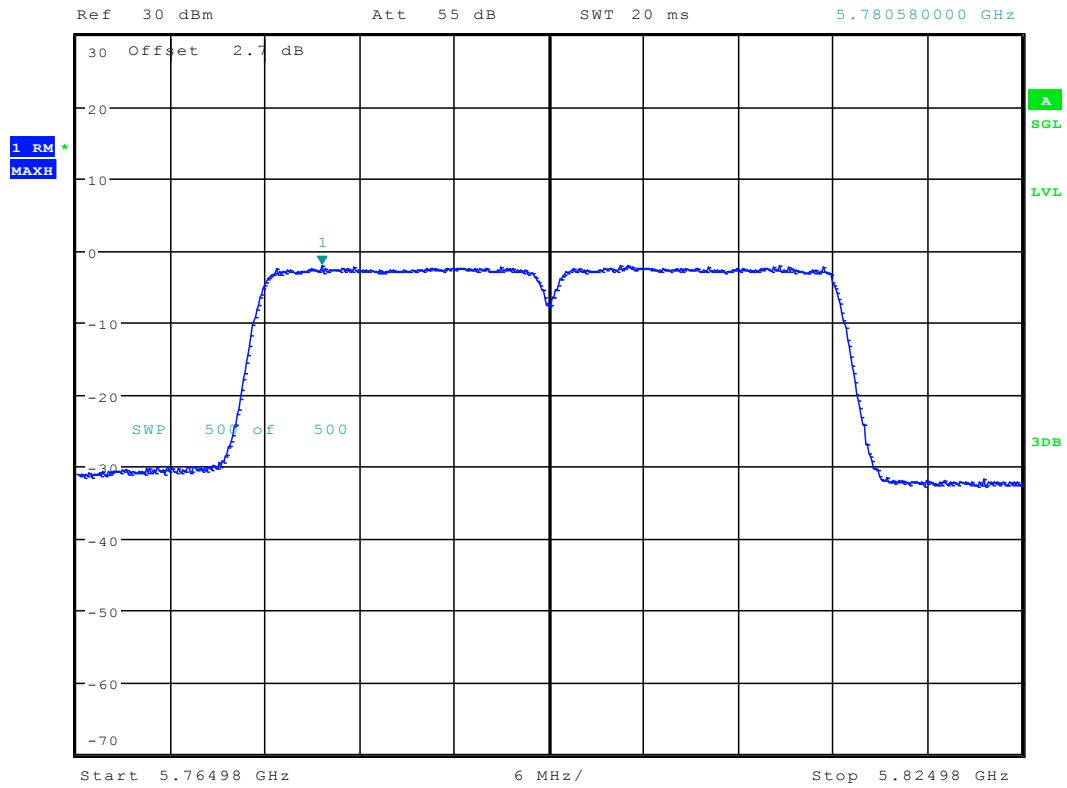


### 11.90 11N40MIMO\_159 ANT 2



\*RBW 1 MHz  
\*VBW 2 MHz  
SWT 20 ms

Marker 1 [T1 ]  
-2.06 dBm  
5.780580000 GHz



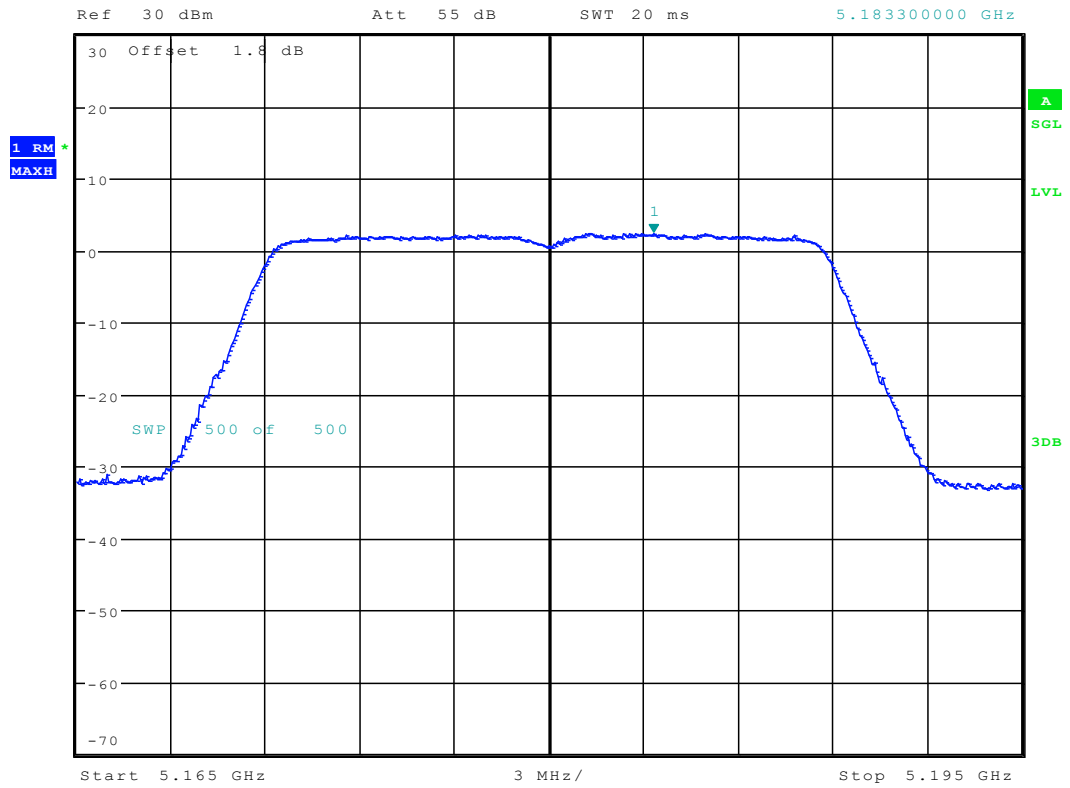
Date: 9.AUG.2017 16:25:18



### 11.91 11AC20\_36 ANT 1

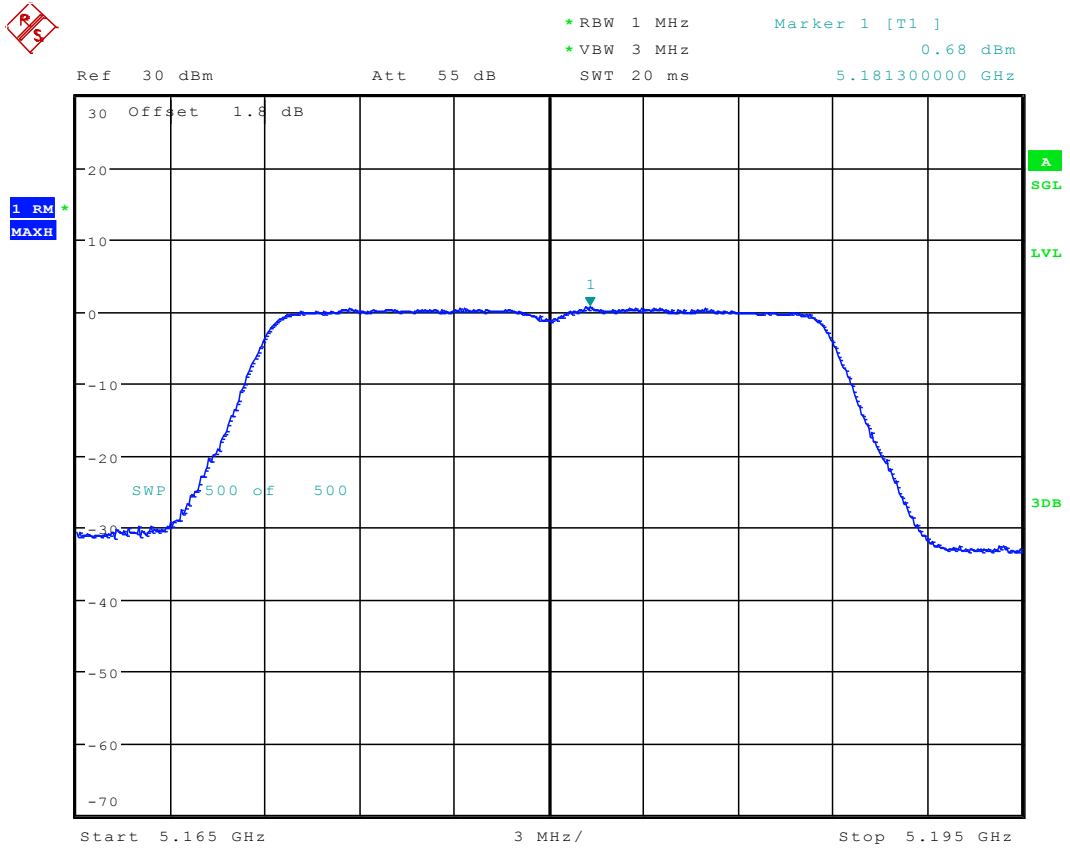


\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.47 dBm  
SWT 20 ms      5.183300000 GHz



Date: 5.AUG.2017 17:04:28

### 11.92 11AC20\_36 ANT 2



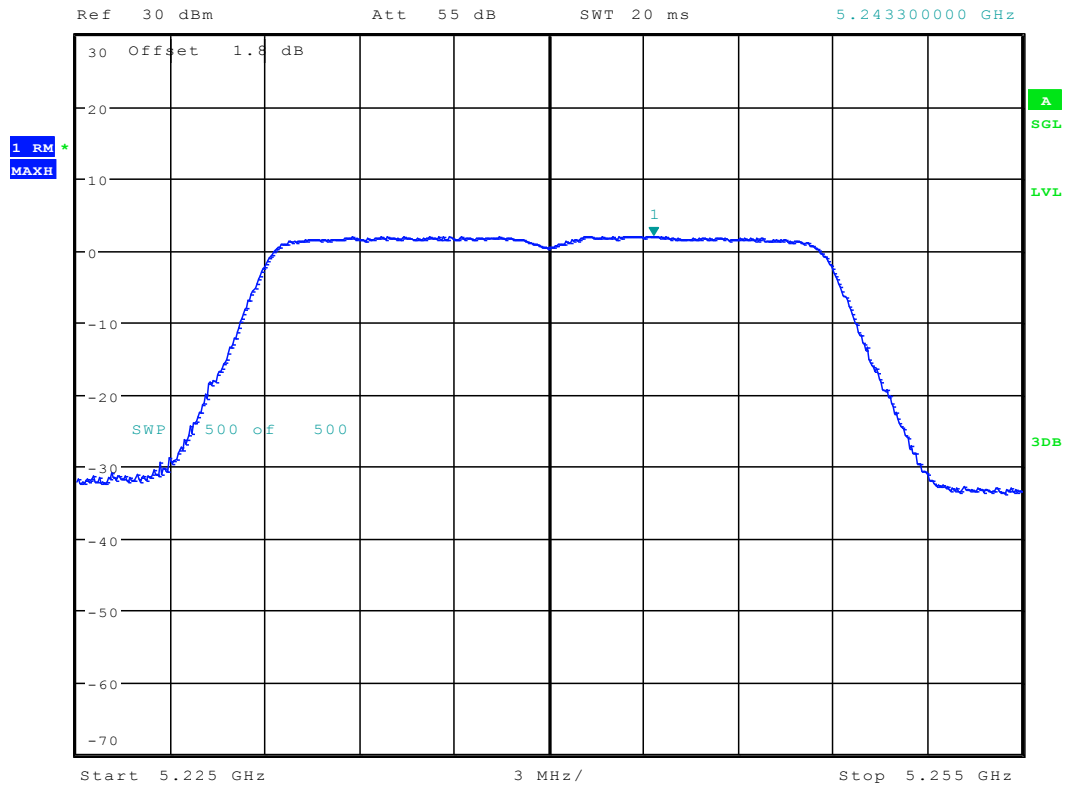
Date: 7.AUG.2017 14:09:26



### 11.93 11AC20\_48 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      2.06 dBm  
 SWT 20 ms      5.243300000 GHz



Date: 5.AUG.2017 17:08:00

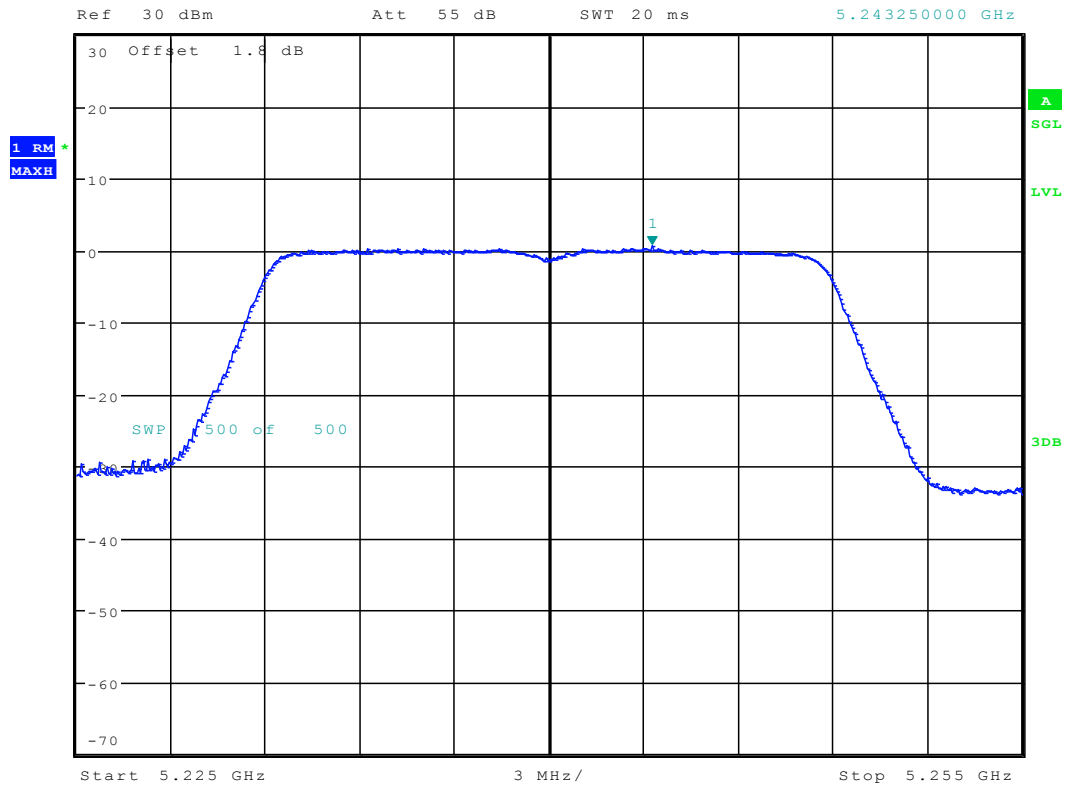




### 11.94 11AC20\_48 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      0.60 dBm  
SWT 20 ms      5.243250000 GHz



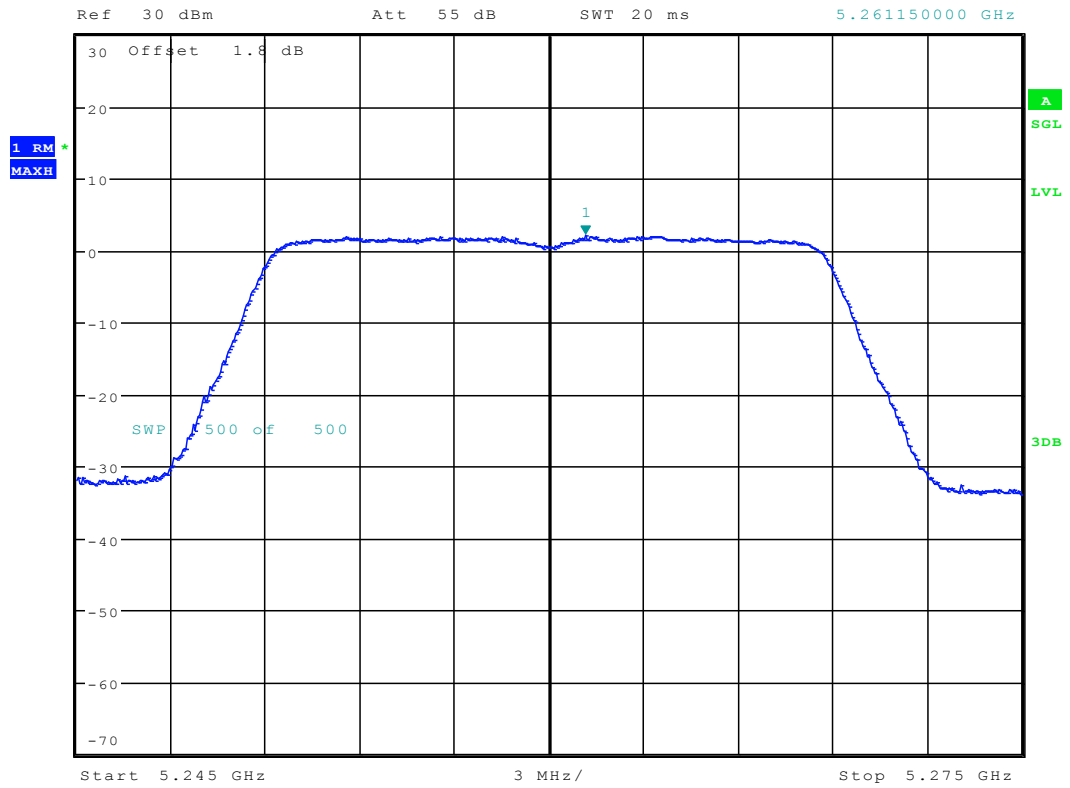
Date: 7.AUG.2017 14:12:26



### 11.95 11AC20\_52 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.08 dBm  
SWT 20 ms      5.261150000 GHz



Date: 5.AUG.2017 17:12:13

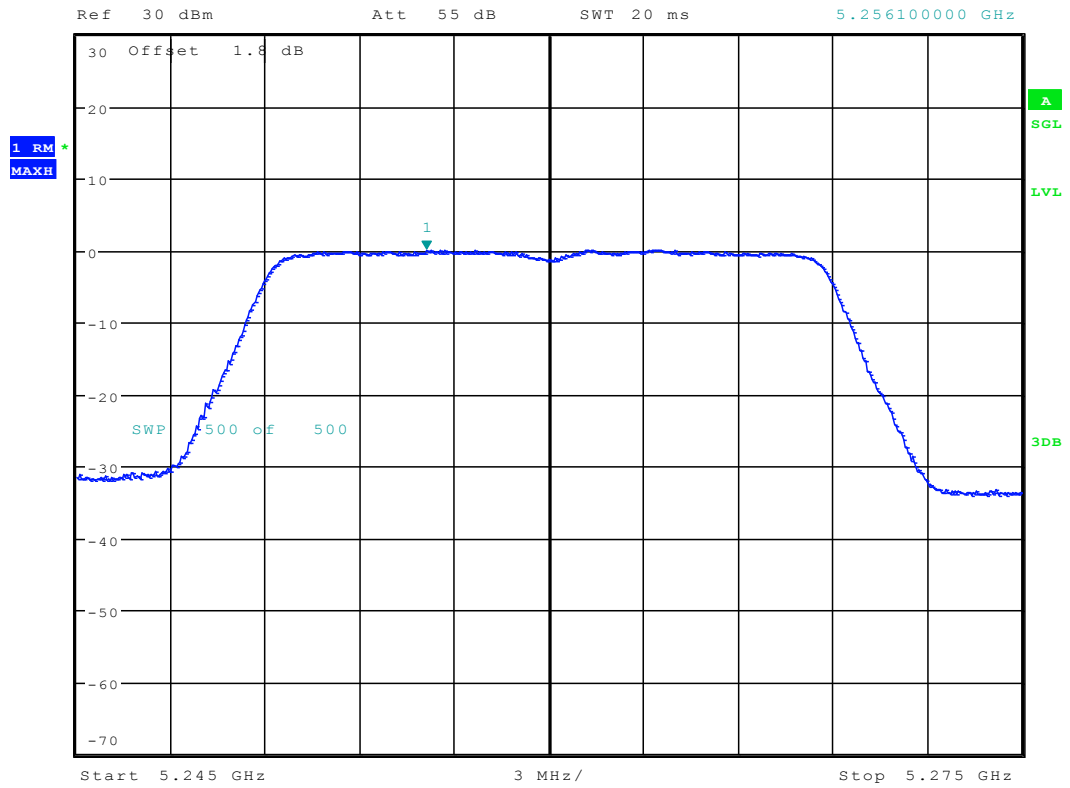


### 11.96 11AC20\_52 ANT 2



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
0.15 dBm  
5.256100000 GHz



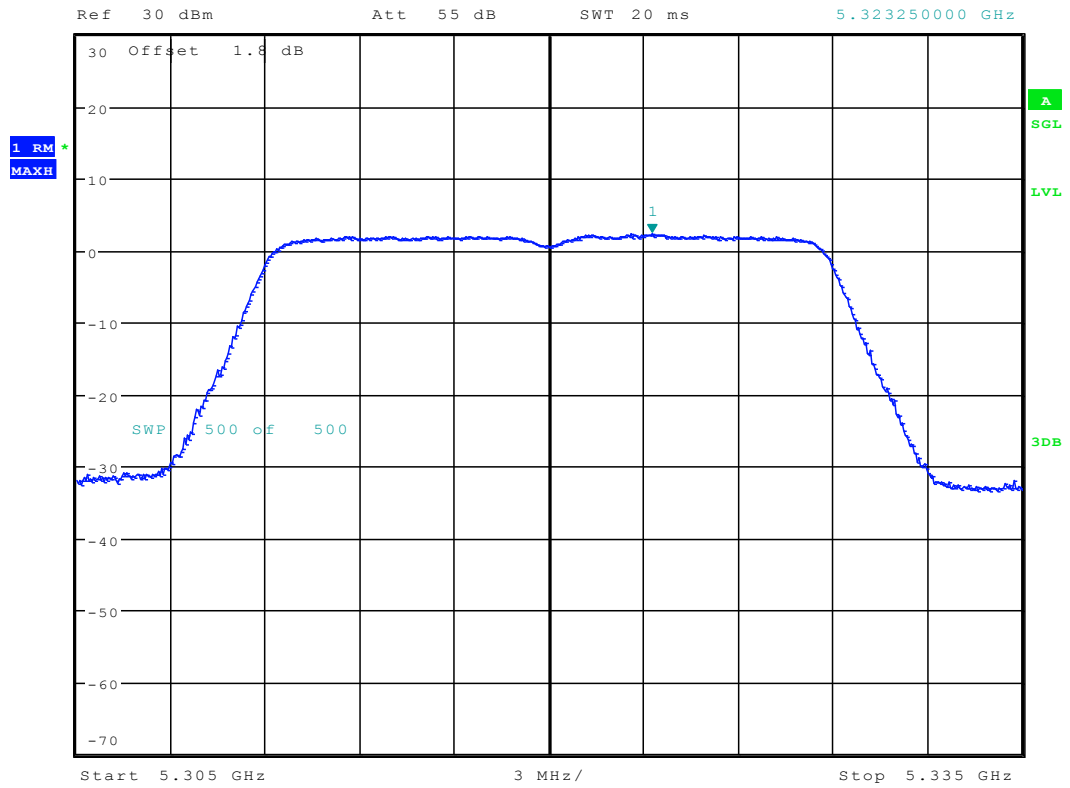
Date: 7.AUG.2017 14:17:25



### 11.97 11AC20\_64 ANT 1



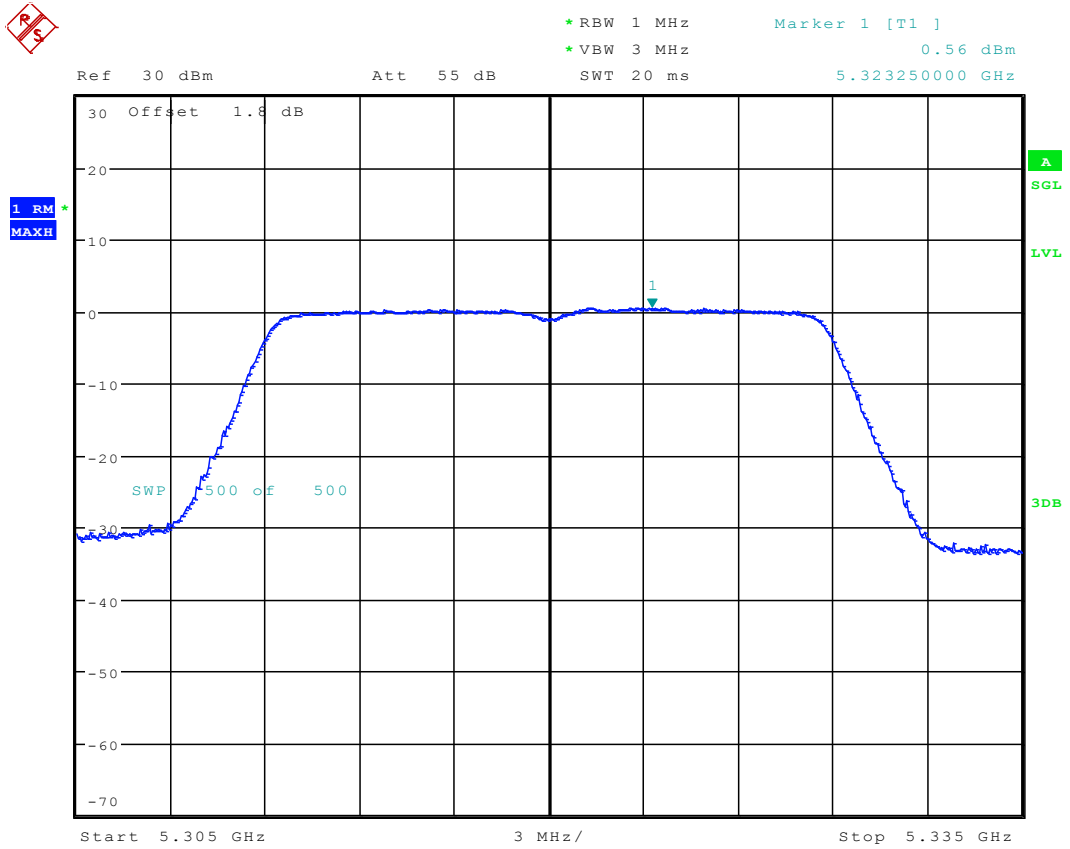
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.34 dBm  
SWT 20 ms      5.323250000 GHz



Date: 5.AUG.2017 17:14:57



### 11.98 11AC20\_64 ANT 2



Date: 7.AUG.2017 14:20:47

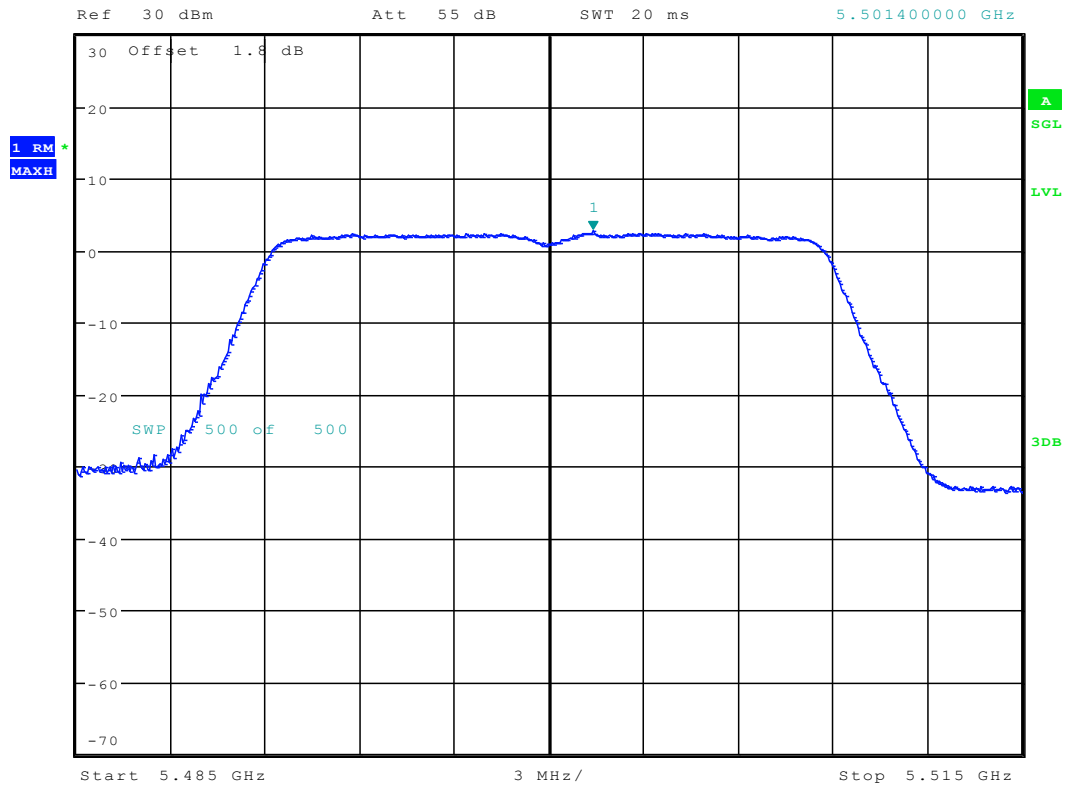


### 11.99 11AC20\_100 ANT 1



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
2.70 dBm  
5.501400000 GHz



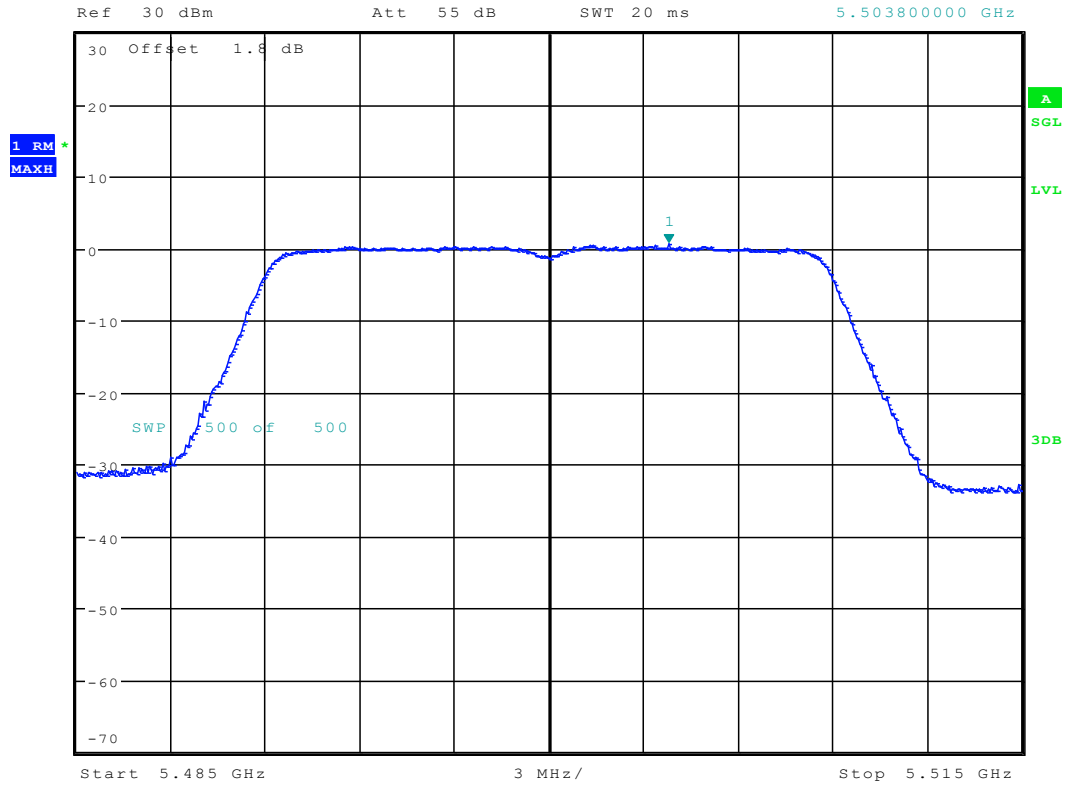
Date: 5.AUG.2017 17:18:24



### 11.100 11AC20\_100 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      0.59 dBm  
SWT 20 ms      5.503800000 GHz



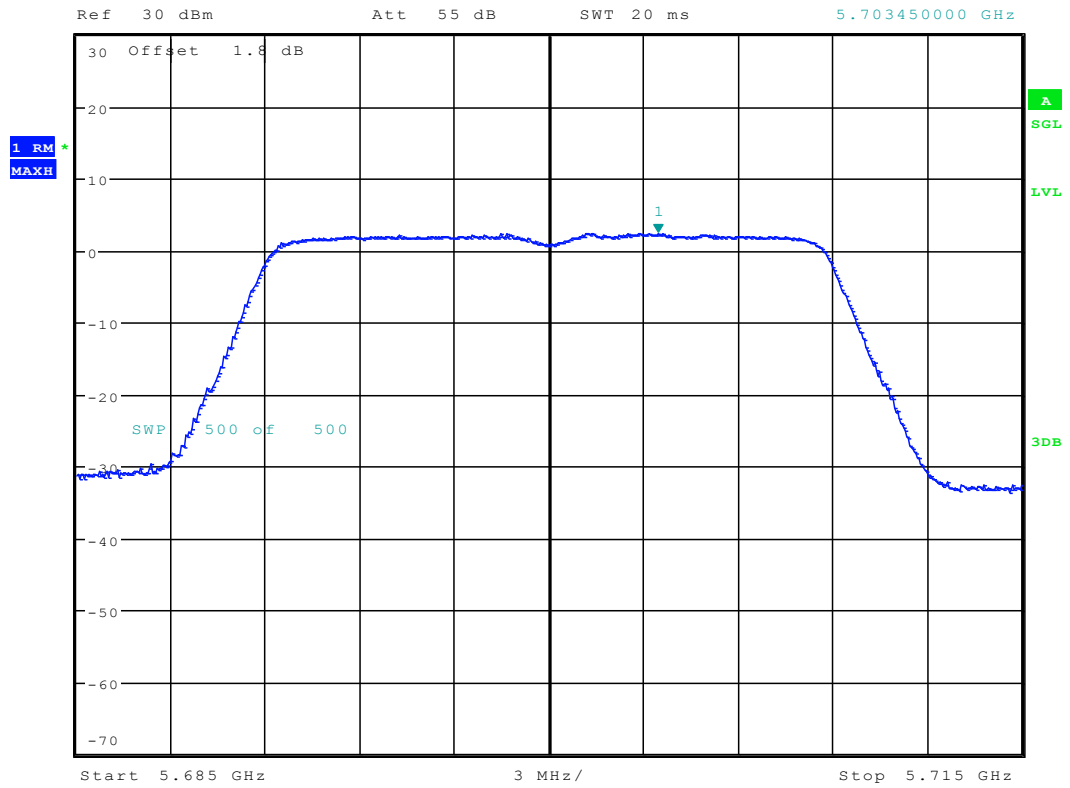
Date: 7.AUG.2017 14:24:46



### 11.101 11AC20\_140 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.47 dBm  
SWT 20 ms      5.703450000 GHz

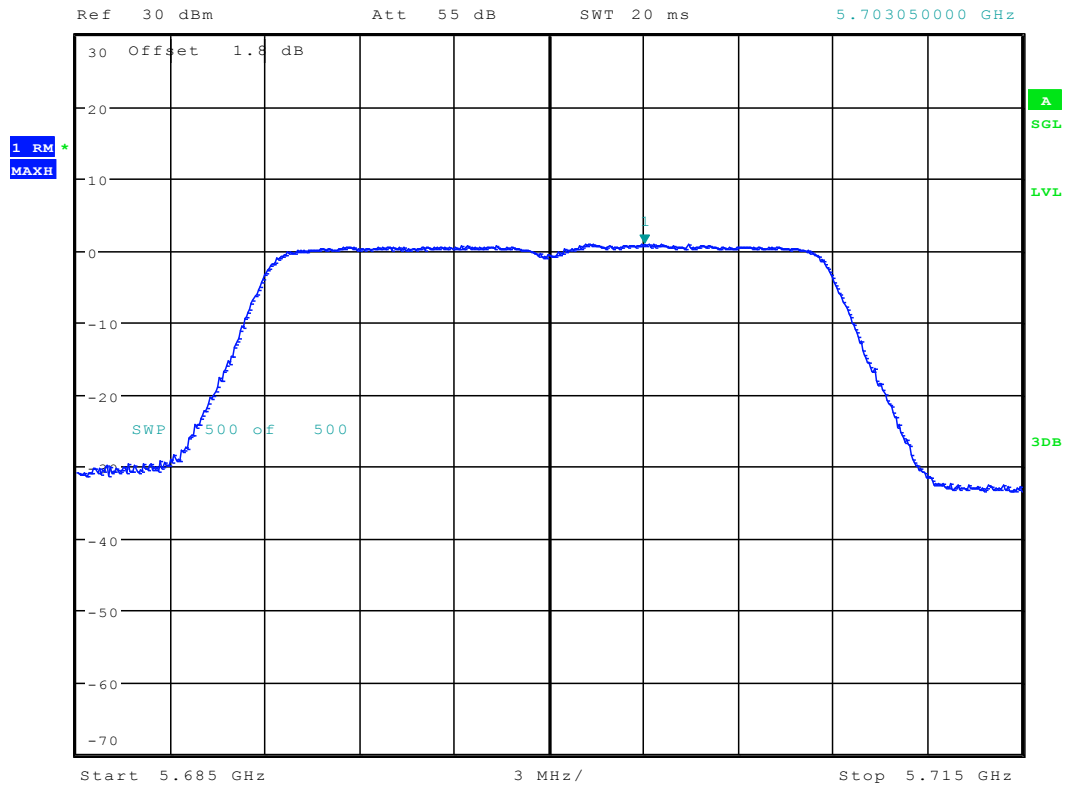


Date: 5.AUG.2017 17:20:59



**11.102 11AC20\_140 ANT 2**

\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.00 dBm  
SWT 20 ms      5.703050000 GHz

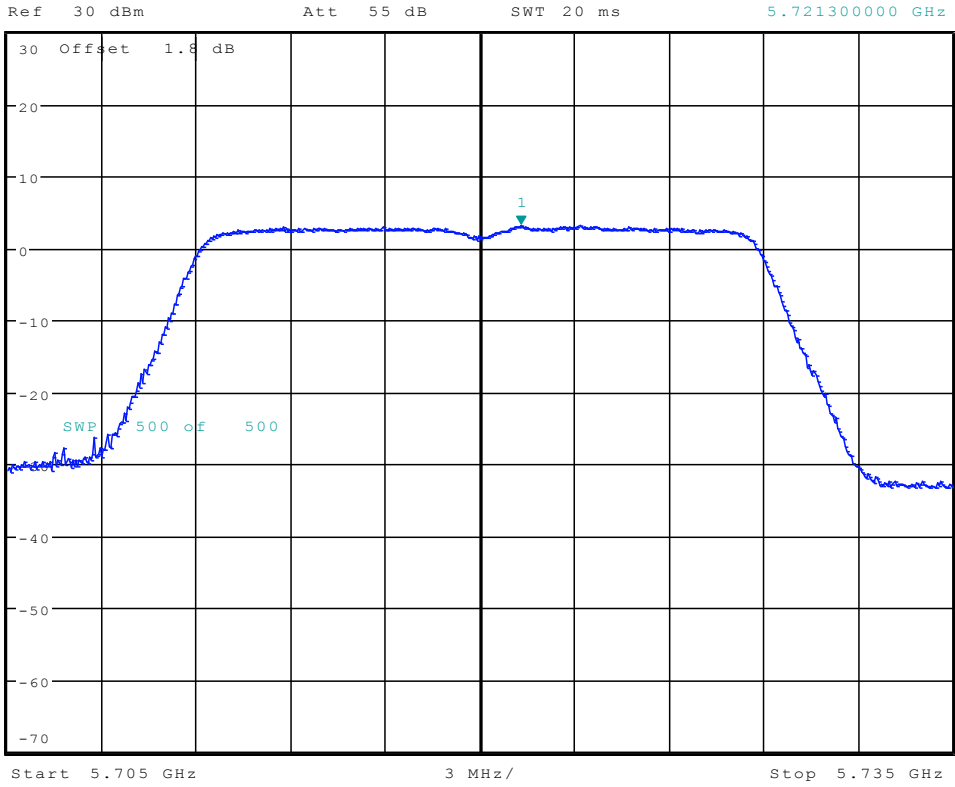


Date: 7.AUG.2017 14:56:05

**11.103 11AC20\_144 ANT 1**



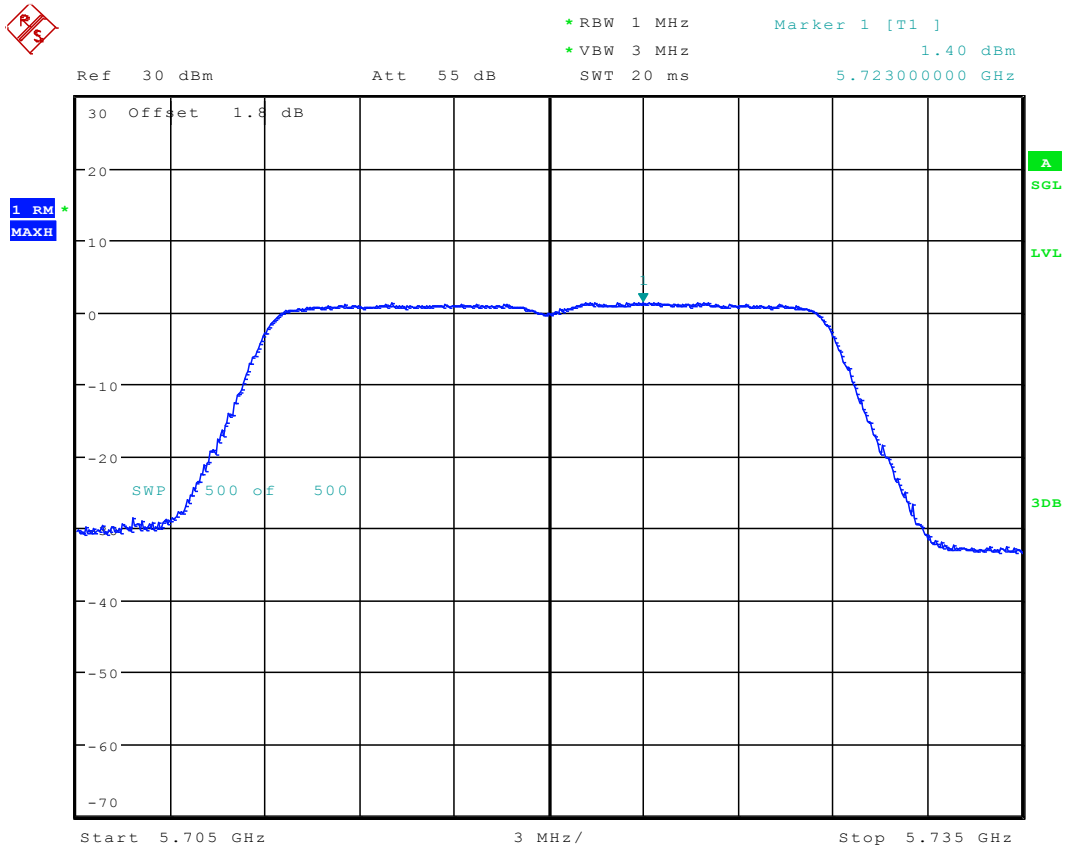
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      3.17 dBm  
SWT 20 ms      5.721300000 GHz



Date: 16.SEP.2017 10:00:11



11.104 11AC20\_144 ANT 2



Date: 16.SEP.2017 10:40:26

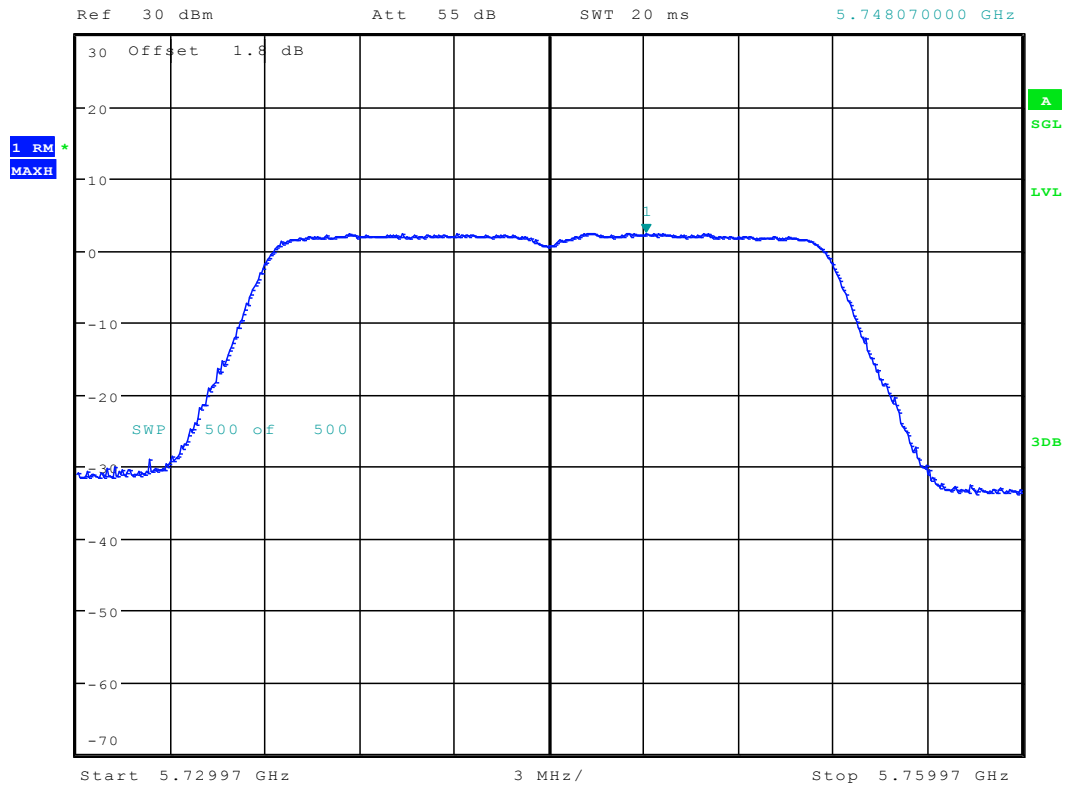


### 11.105 11AC20\_149 ANT 1



\*RBW 1 MHz  
\*VBW 2 MHz  
SWT 20 ms

Marker 1 [T1 ]  
2.44 dBm  
5.748070000 GHz



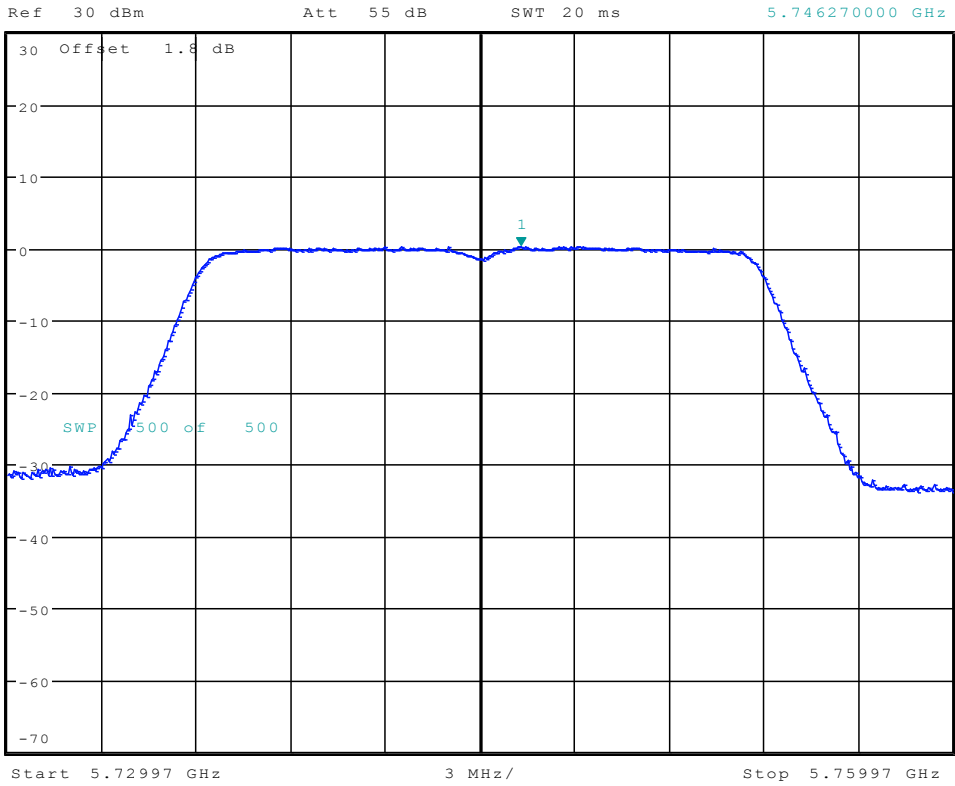
Date: 5.AUG.2017 17:24:26



### 11.106 11AC20\_149 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      0.27 dBm  
SWT 20 ms      5.746270000 GHz

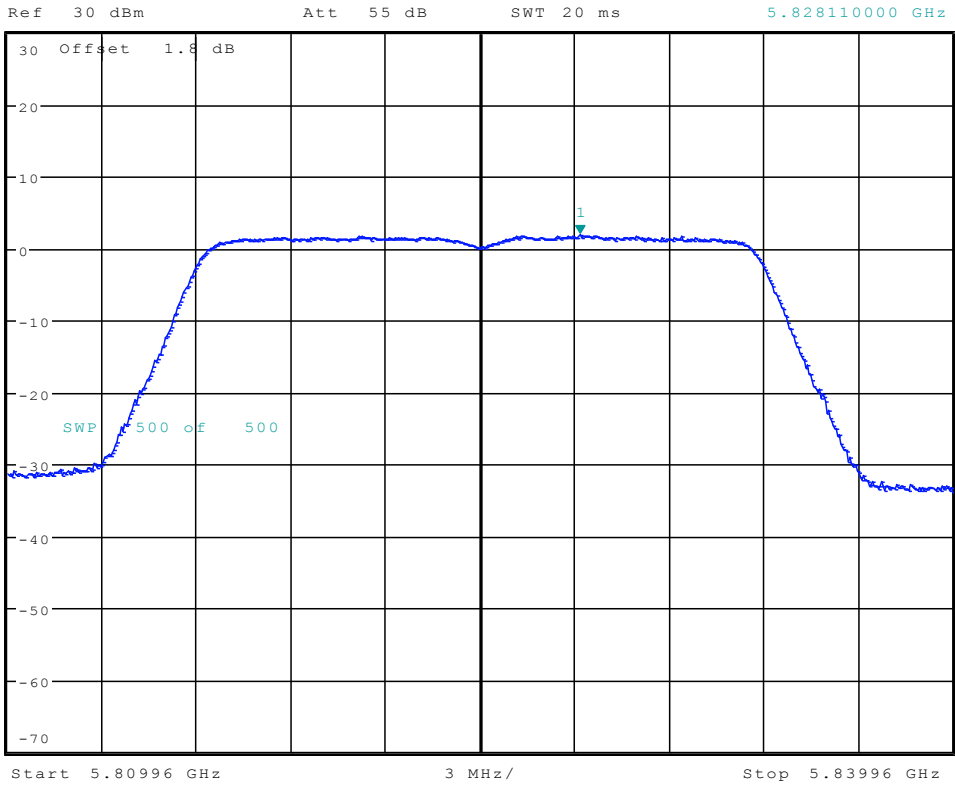


Date: 7.AUG.2017 14:59:51

### 11.107 11AC20\_165 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      2.03 dBm  
SWT 20 ms      5.828110000 GHz



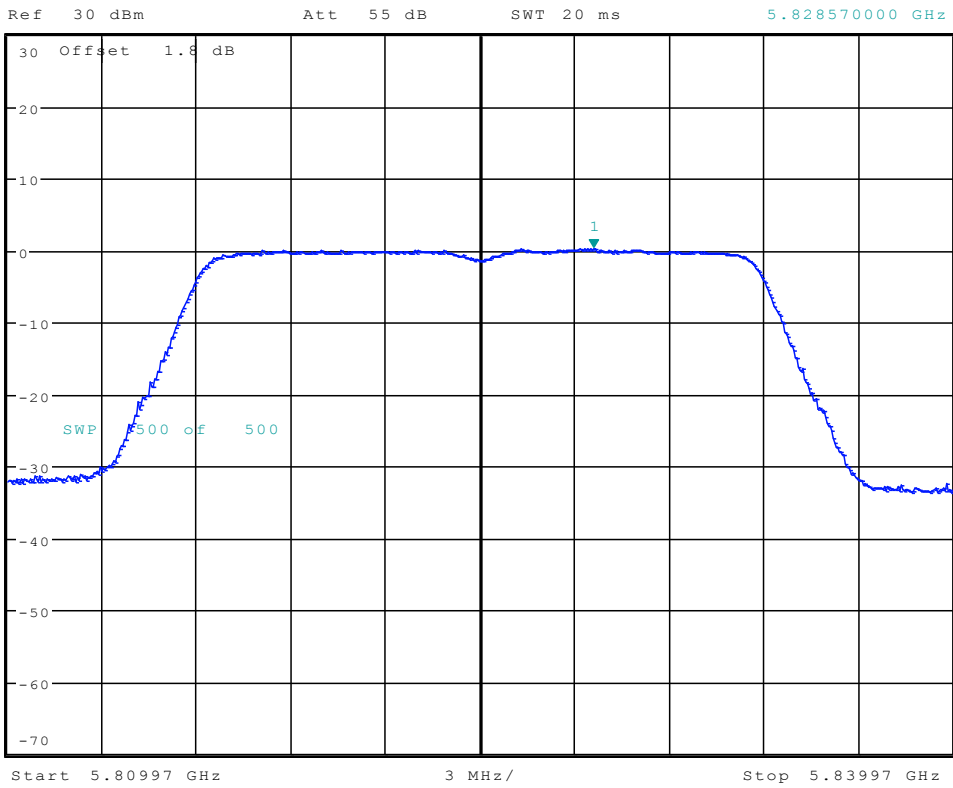
Date: 5.AUG.2017 17:28:30



### 11.108 11AC20\_165 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      0.28 dBm  
SWT 20 ms      5.828570000 GHz



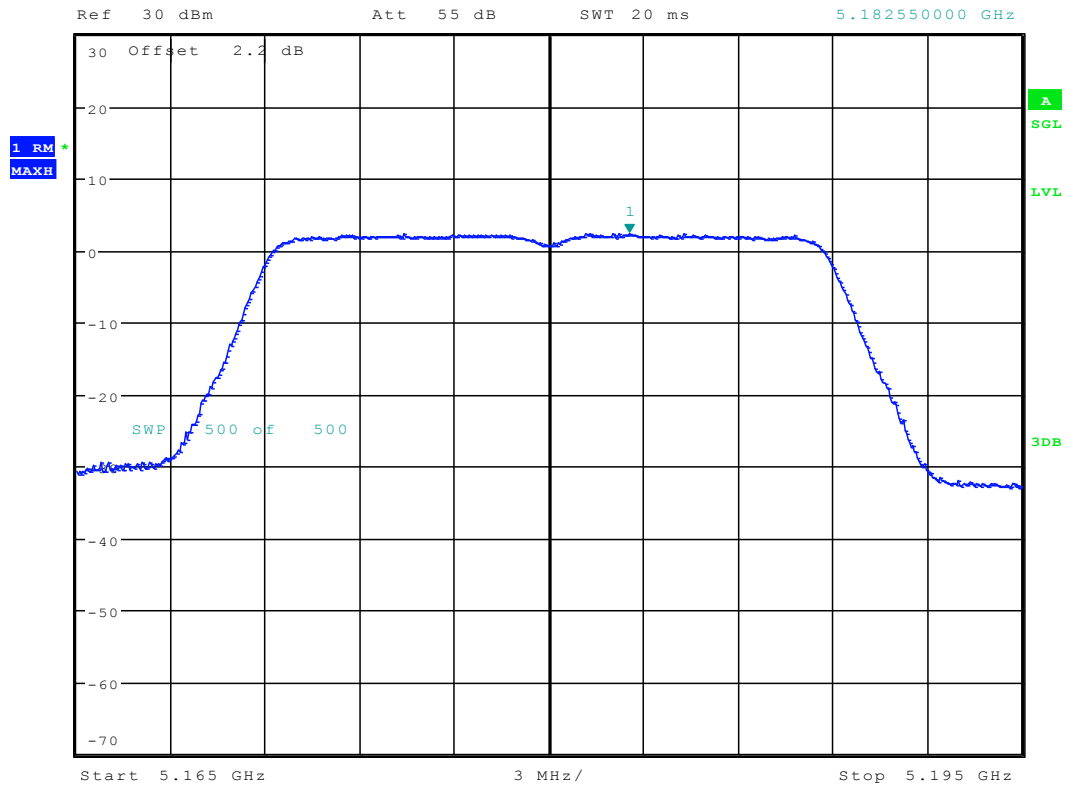
Date: 7.AUG.2017 15:03:15



### 11.109 11AC20MIMO\_36 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.43 dBm  
SWT 20 ms      5.182550000 GHz



Date: 9.AUG.2017 18:23:33



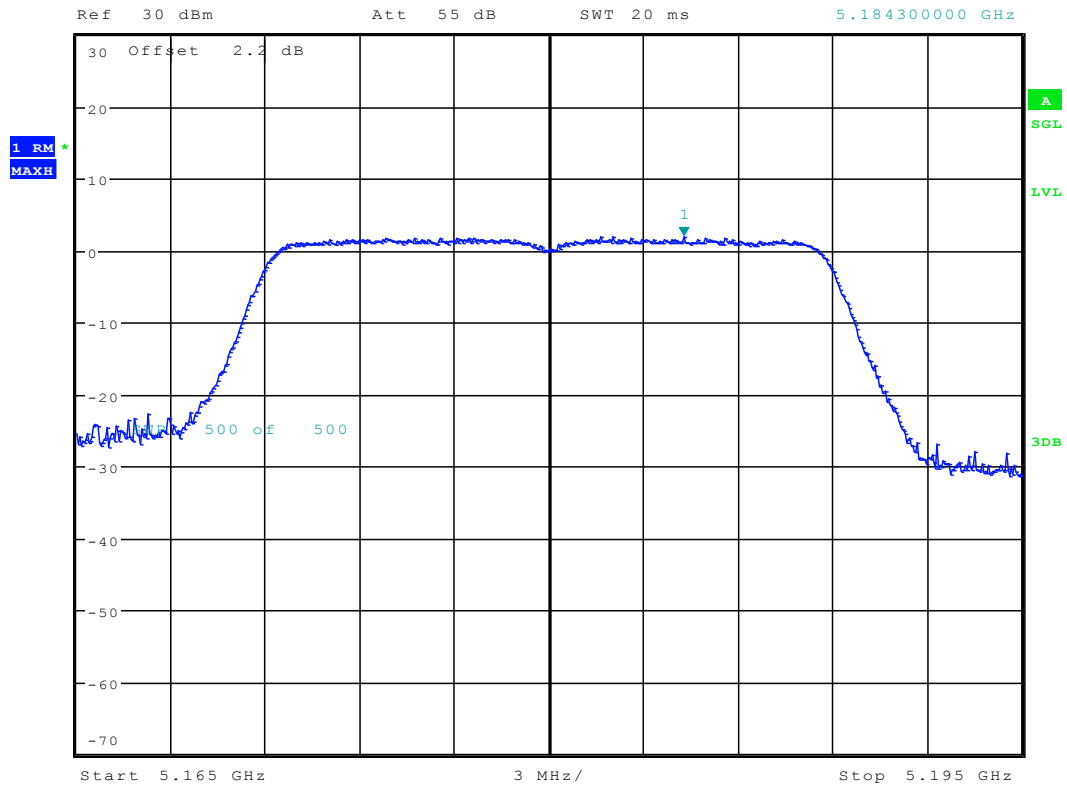


### 11.110 11AC20MIMO\_36 ANT 2



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
1.96 dBm  
5.184300000 GHz



Date: 9.AUG.2017 14:58:01

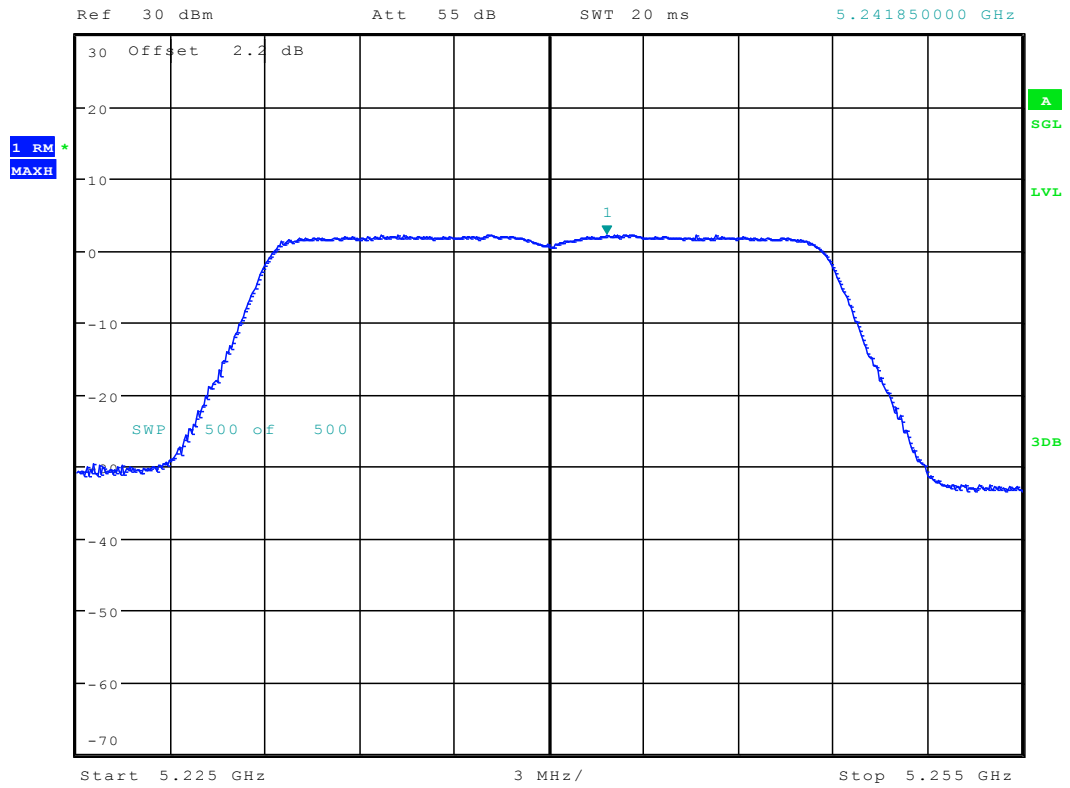


### 11.111 11AC20MIMO\_48 ANT 1



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
2.26 dBm  
5.241850000 GHz



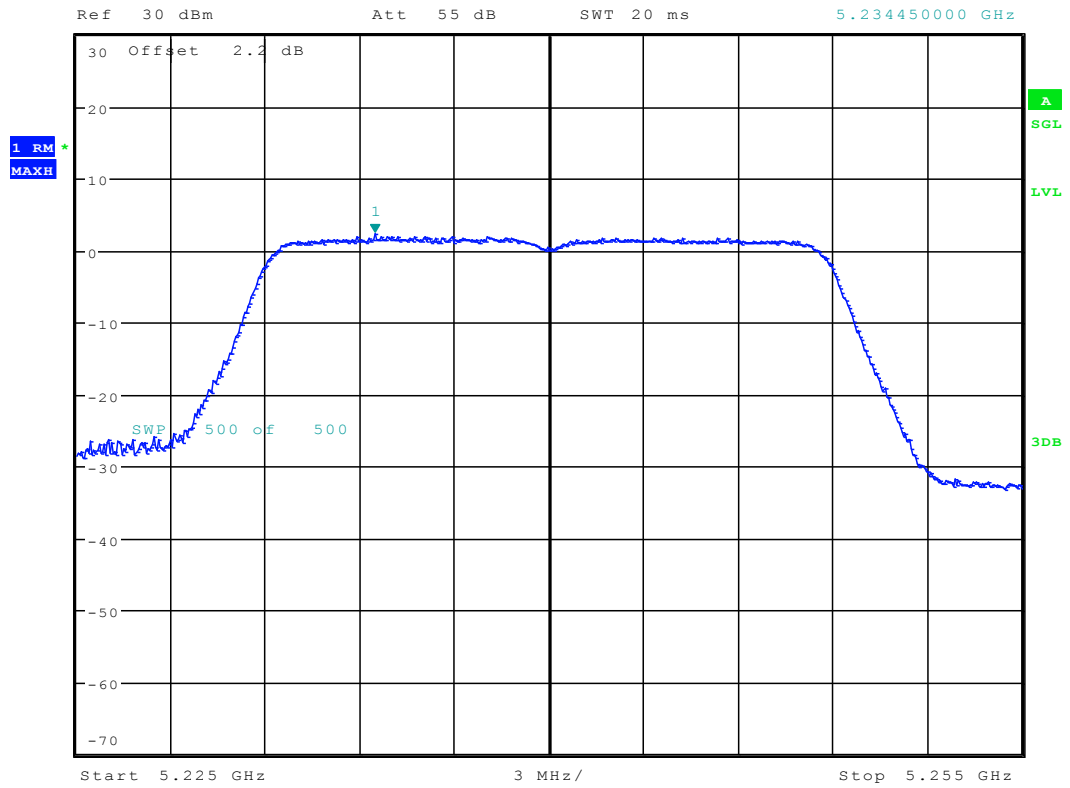
Date: 9.AUG.2017 18:26:16



### 11.112 11AC20MIMO\_48 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.27 dBm  
SWT 20 ms      5.234450000 GHz



Date: 9.AUG.2017 15:01:14

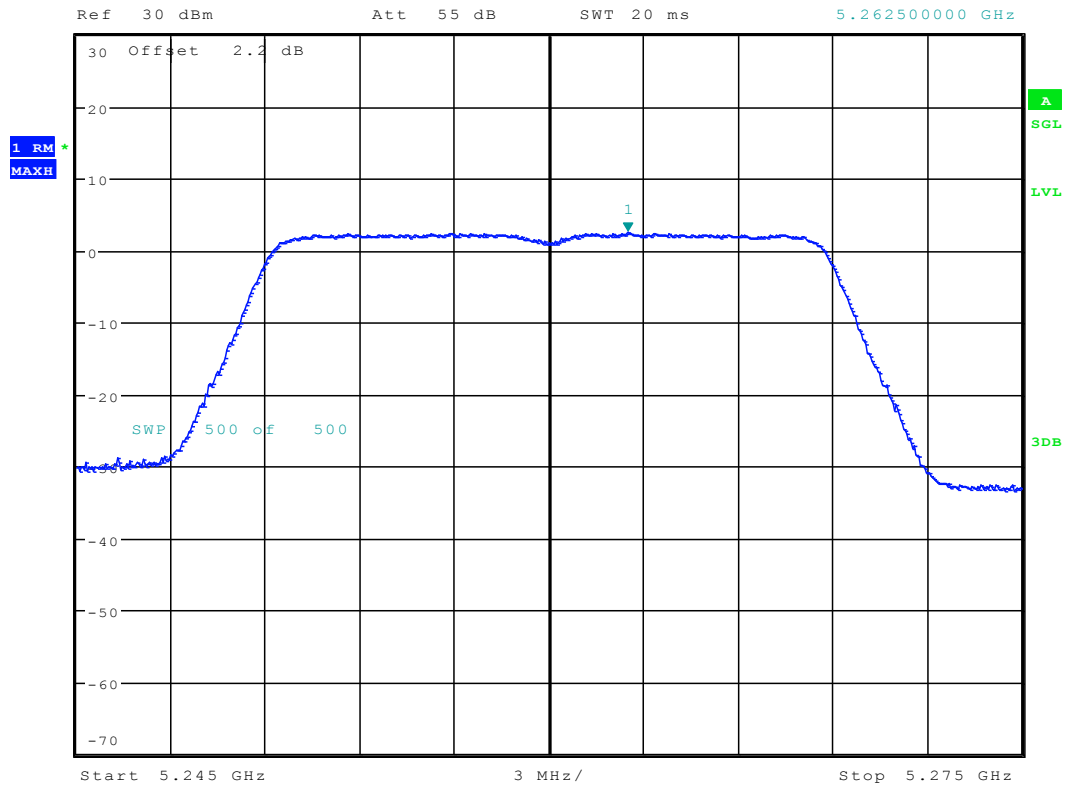


### 11.113 11AC20MIMO\_52 ANT 1



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
2.50 dBm  
5.262500000 GHz



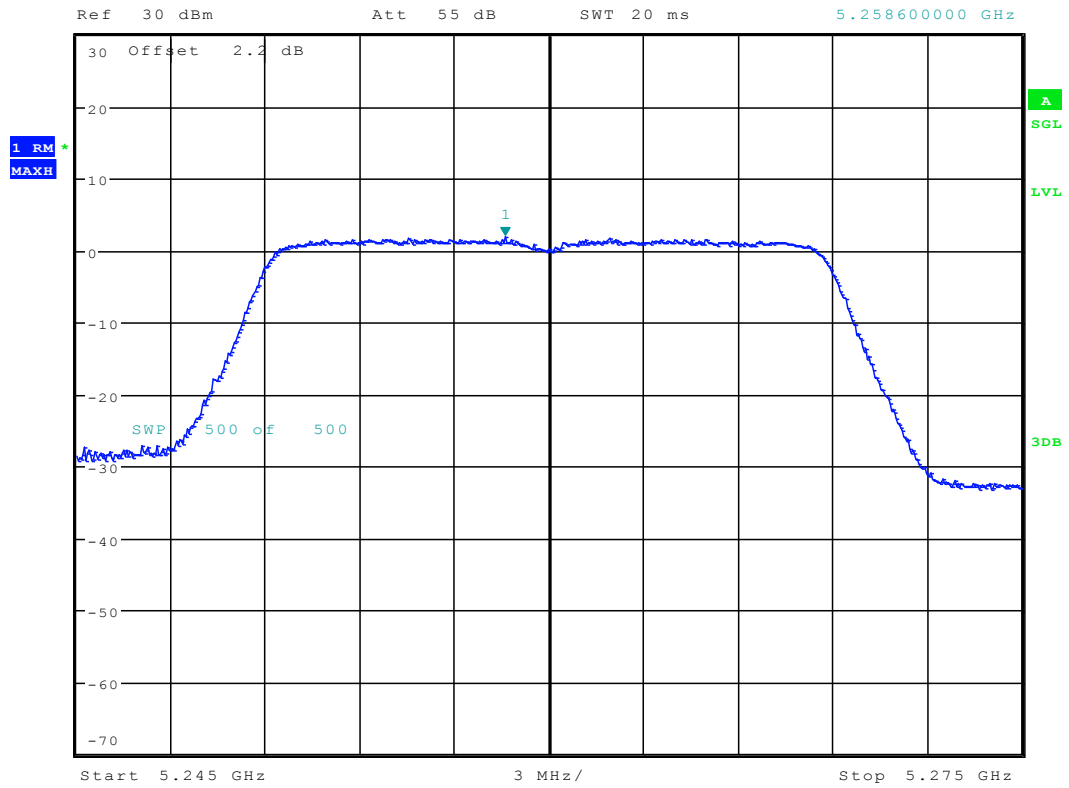
Date: 9.AUG.2017 18:29:04

## 11.114 11AC20MIMO\_52 ANT 2



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
1.88 dBm  
5.258600000 GHz



Date: 9.AUG.2017 15:04:38

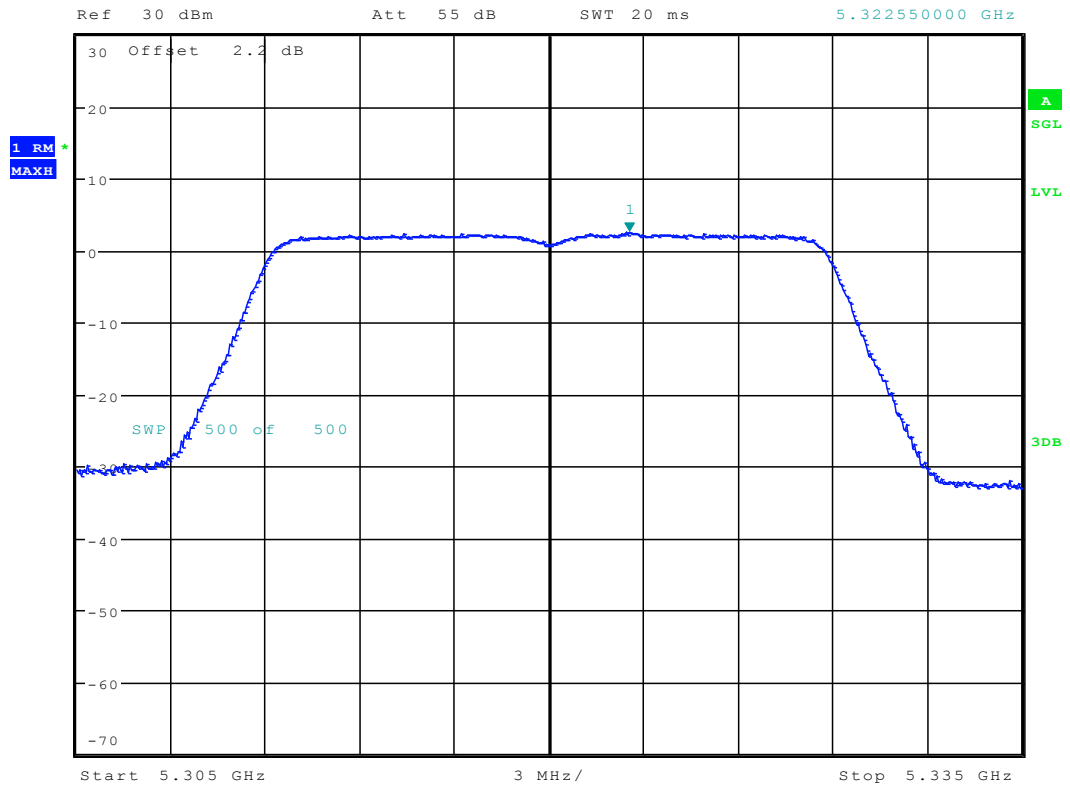


### 11.115 11AC20MIMO\_64 ANT 1



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
2.51 dBm  
5.322550000 GHz



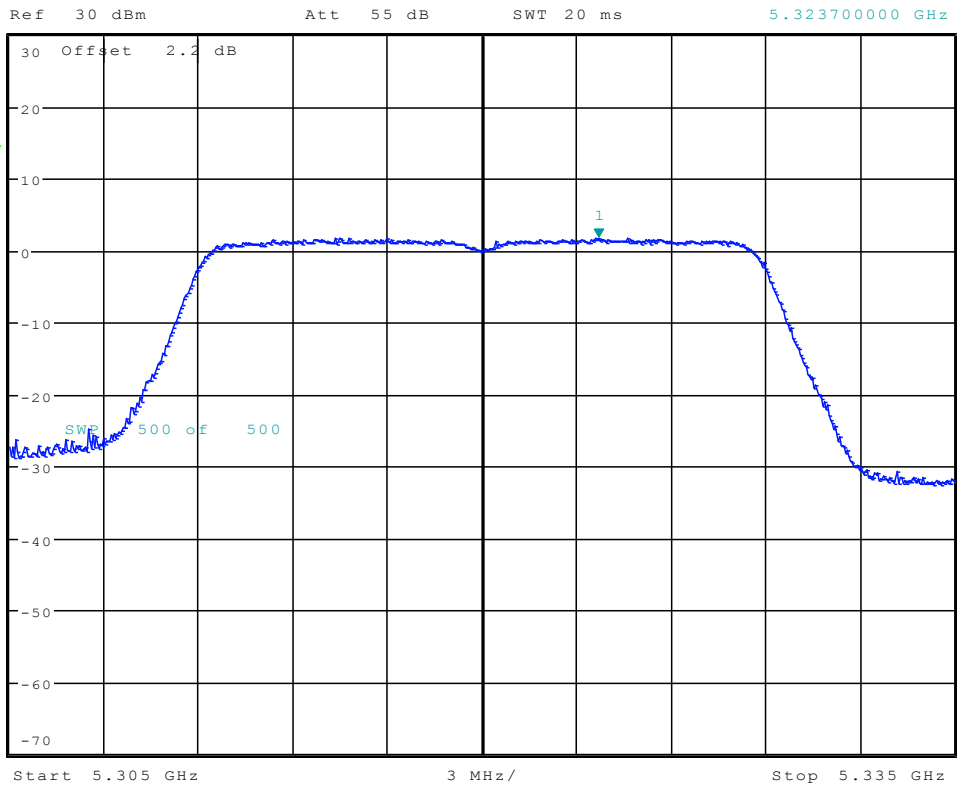
Date: 9.AUG.2017 18:31:36



### 11.116 11AC20MIMO\_64 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.84 dBm  
SWT 20 ms      5.323700000 GHz

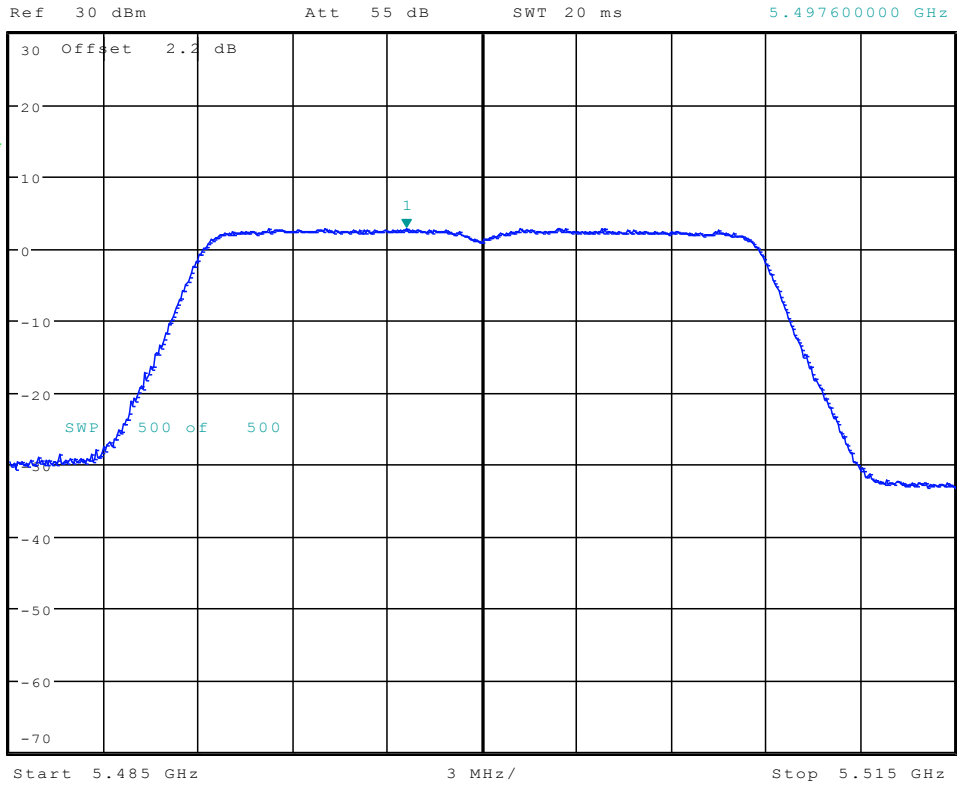


Date: 9.AUG.2017 15:07:42

### 11.117 11AC20MIMO\_100 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.78 dBm  
SWT 20 ms      5.497600000 GHz



Date: 9.AUG.2017 18:34:25

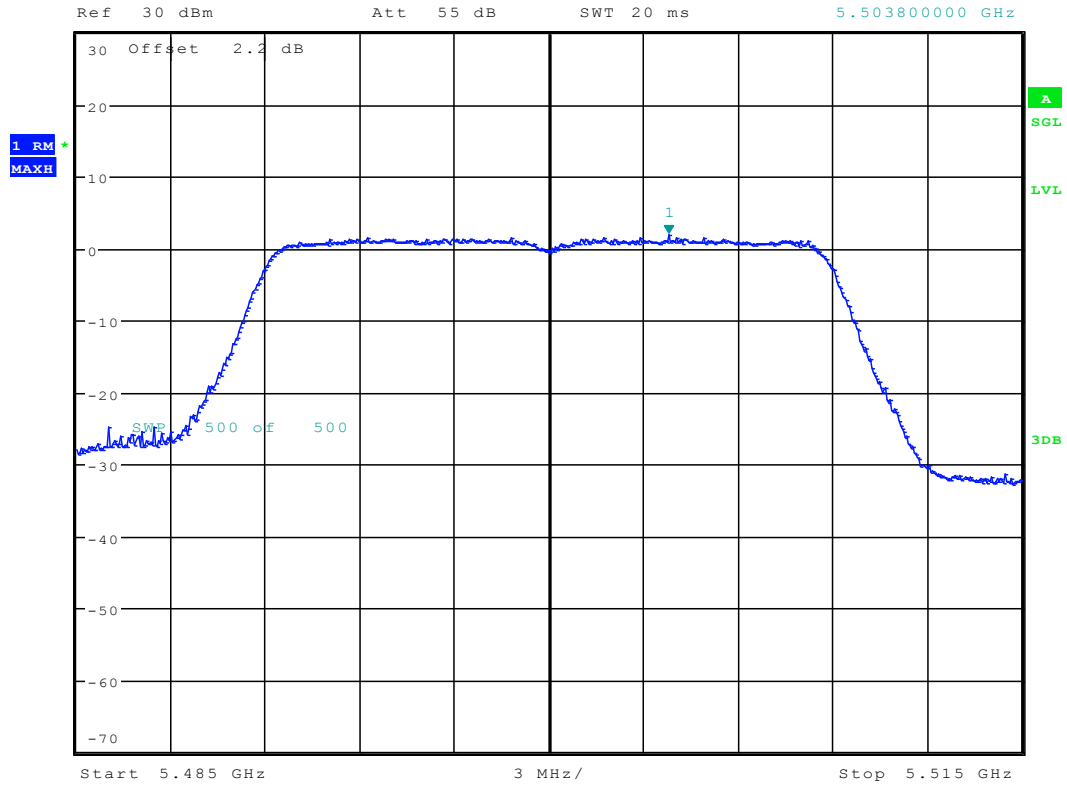




### 11.118 11AC20MIMO\_100 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.85 dBm  
SWT 20 ms      5.503800000 GHz



Date: 9.AUG.2017 15:10:39

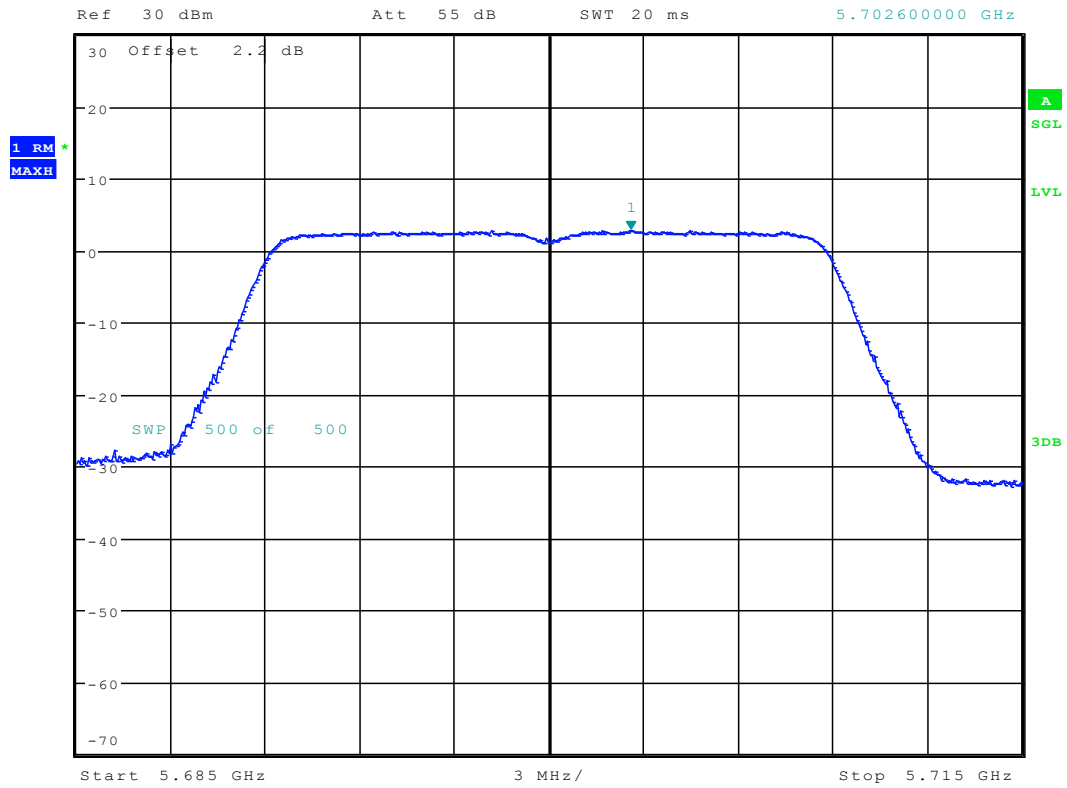


### 11.119 11AC20MIMO\_140 ANT 1



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
2.82 dBm  
5.702600000 GHz

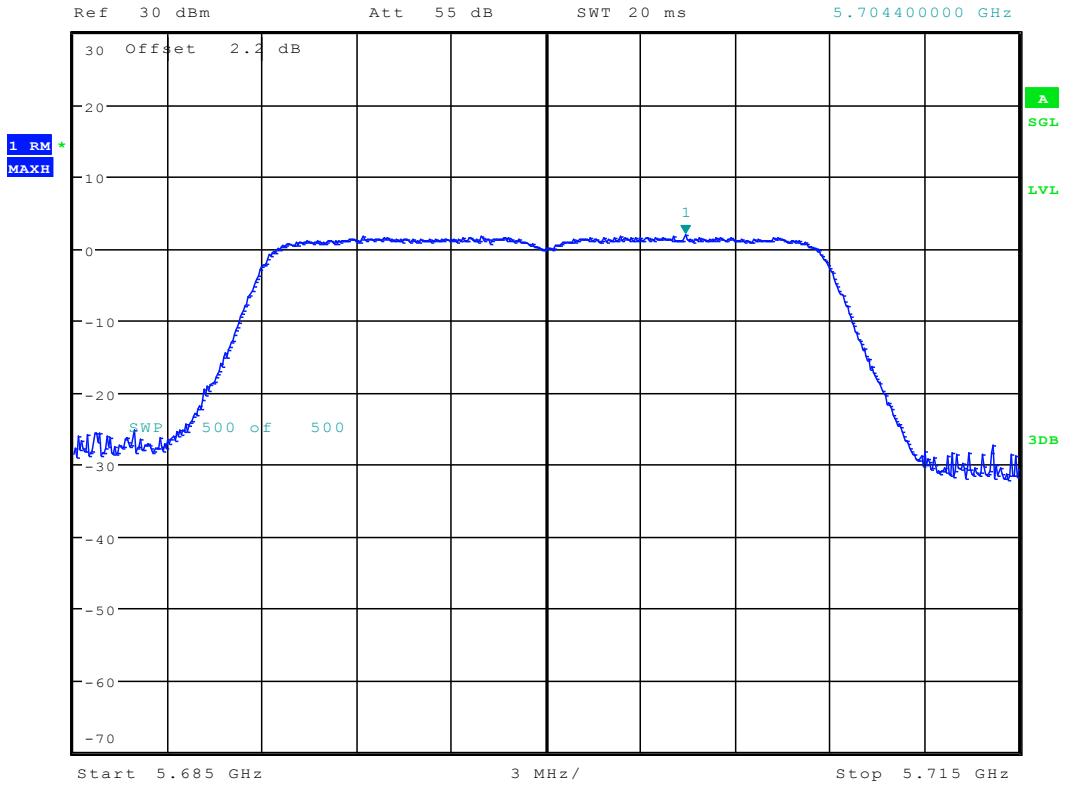


Date: 9.AUG.2017 18:36:56

### 11.120 11AC20MIMO\_140 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.91 dBm  
SWT 20 ms      5.704400000 GHz

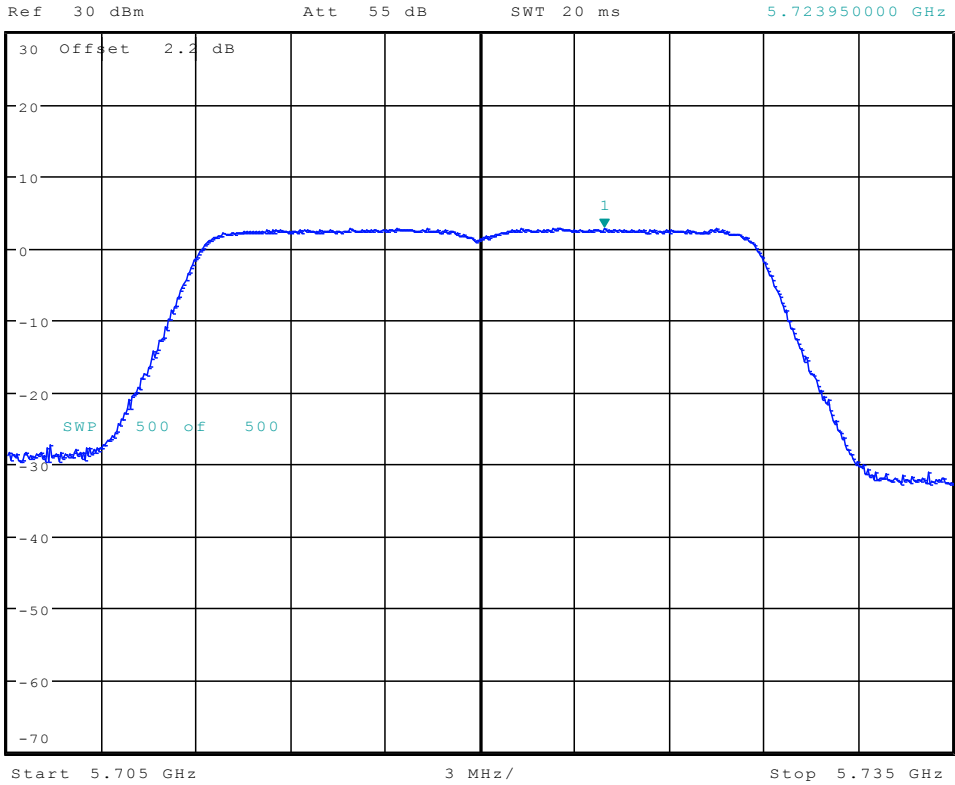


Date: 9.AUG.2017 15:13:11

### 11.121 11AC20MIMO\_144 ANT 1



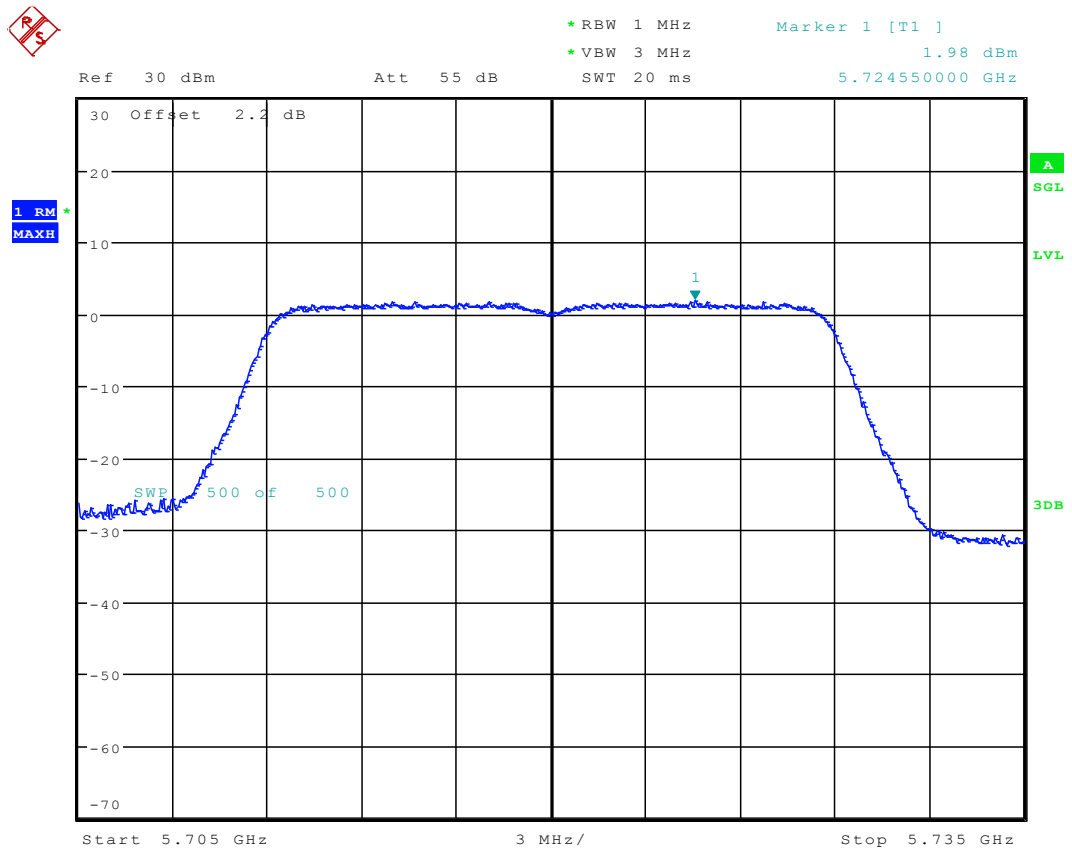
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.75 dBm  
SWT 20 ms      5.723950000 GHz



Date: 16.SEP.2017 11:02:37



### 11.122 11AC20MIMO\_144 ANT 2



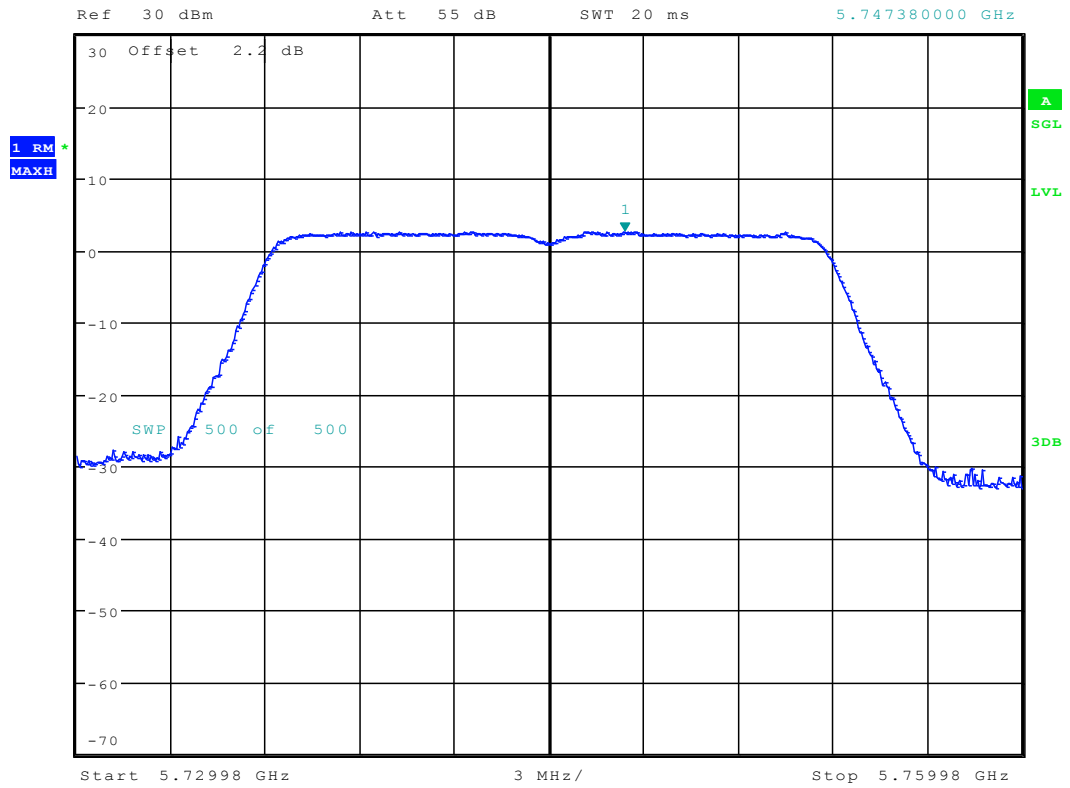
Date: 16.SEP.2017 11:33:32

## 11.123 11AC20MIMO\_149 ANT 1



\*RBW 1 MHz  
\*VBW 2 MHz  
SWT 20 ms

Marker 1 [T1 ]  
2.66 dBm  
5.747380000 GHz



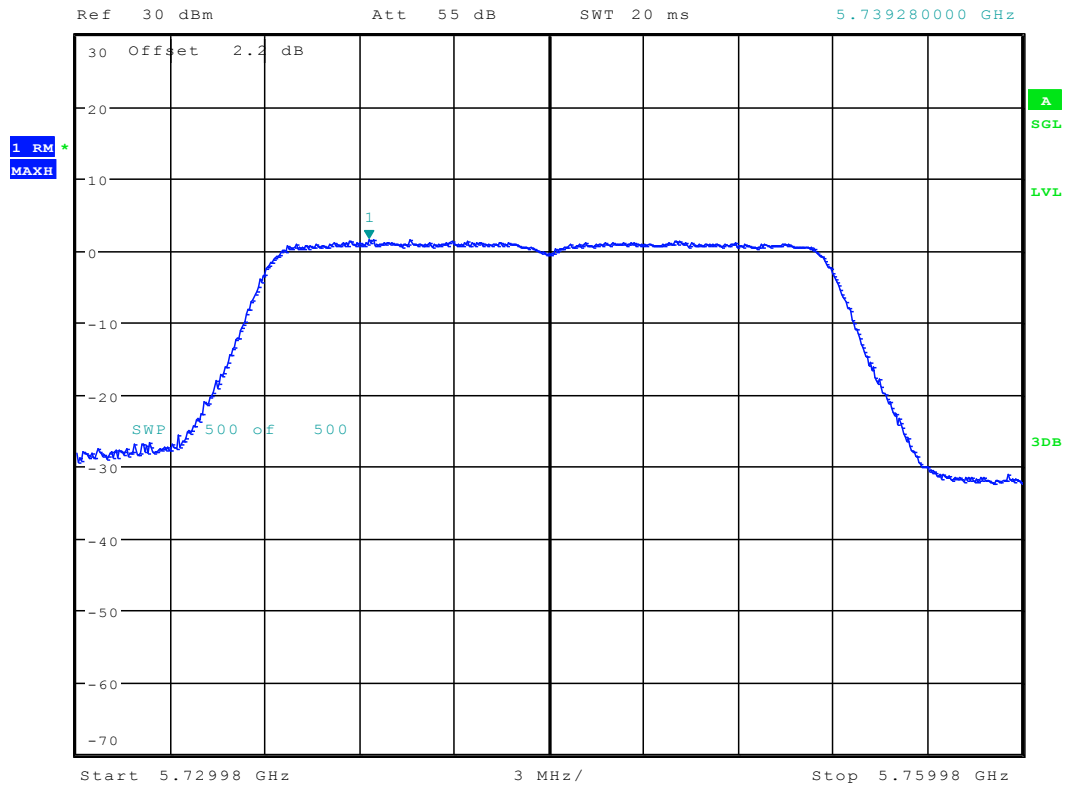
Date: 9.AUG.2017 18:40:21



### 11.124 11AC20MIMO\_149 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      1.50 dBm  
SWT 20 ms      5.739280000 GHz



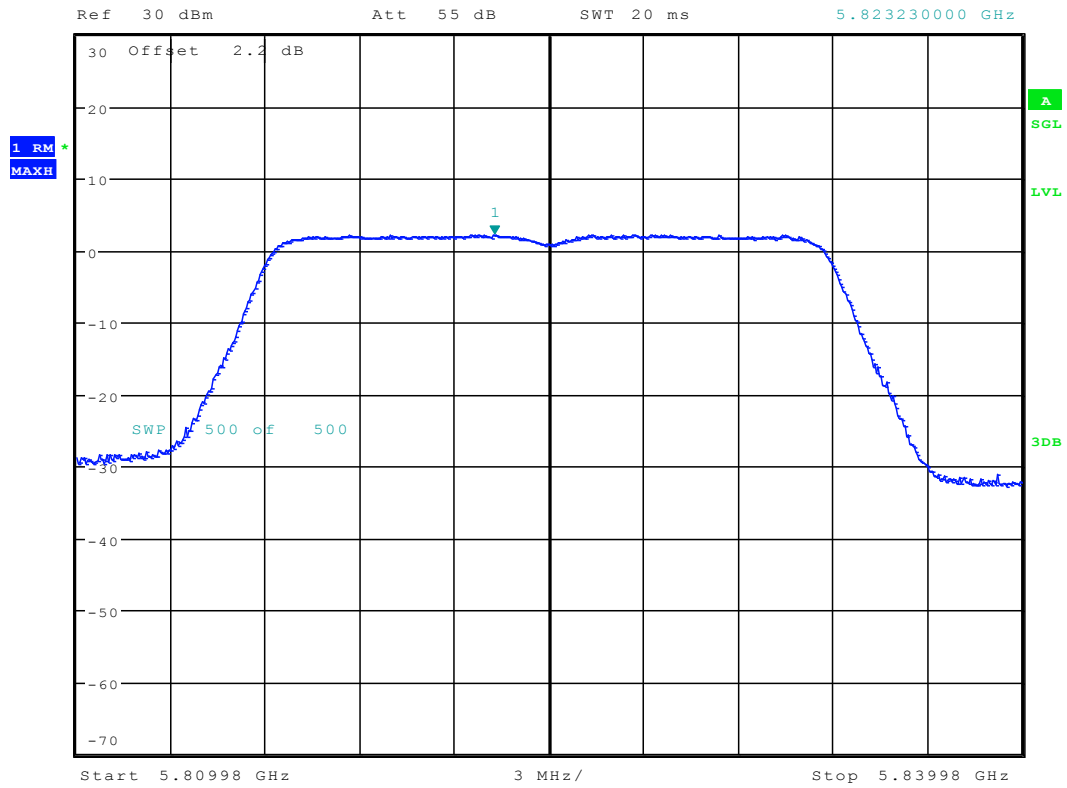
Date: 9.AUG.2017 15:16:39

### 11.125 11AC20MIMO\_165 ANT 1



\*RBW 1 MHz  
\*VBW 2 MHz  
SWT 20 ms

Marker 1 [T1 ]  
2.22 dBm  
5.823230000 GHz



Date: 9.AUG.2017 18:43:34

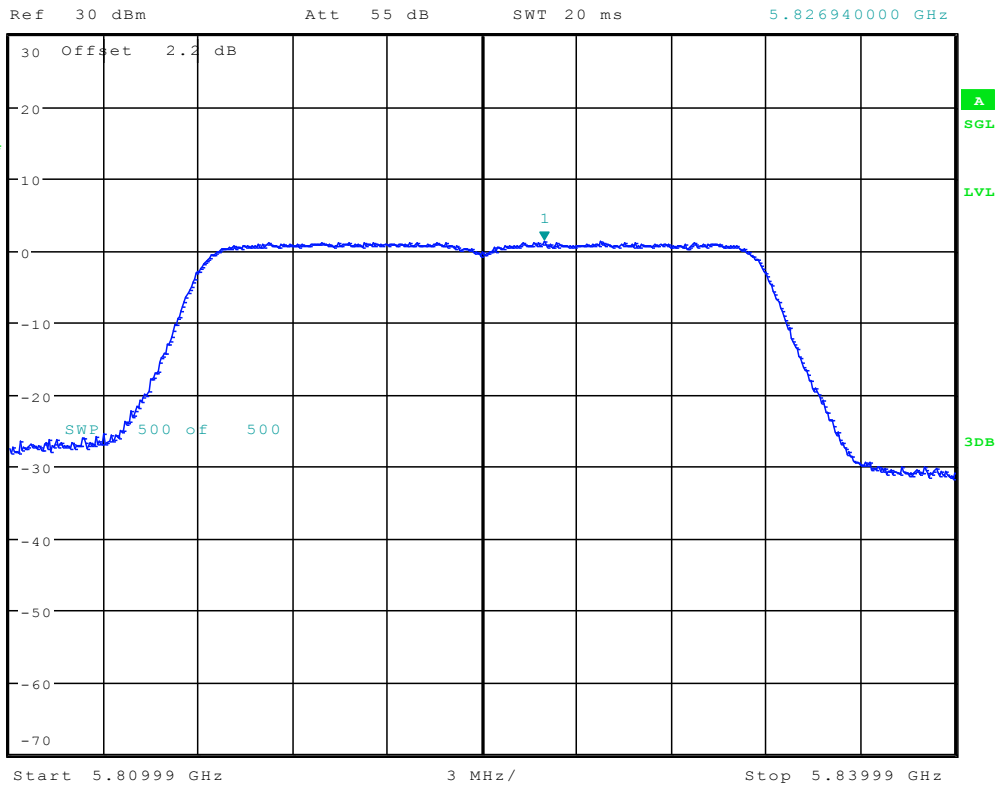




### 11.126 11AC20MIMO\_165 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      1.25 dBm  
SWT 20 ms      5.826940000 GHz



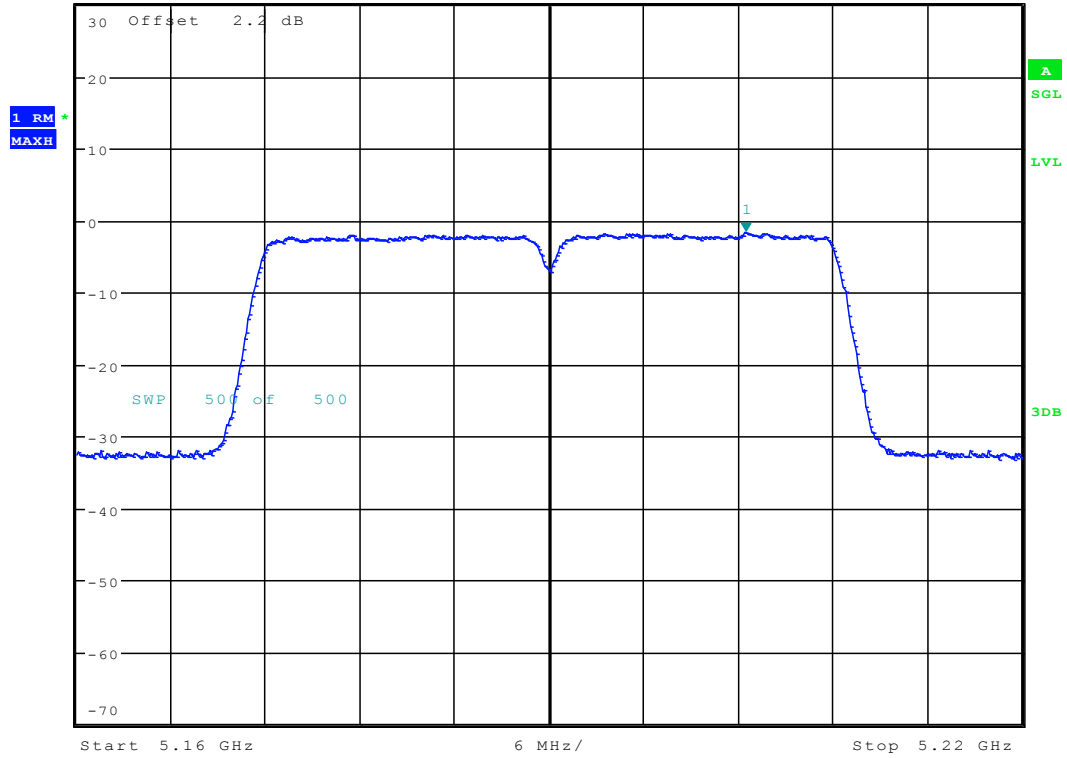
Date: 9.AUG.2017 15:19:52



### 11.127 11AC40\_38 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.70 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.202500000 GHz



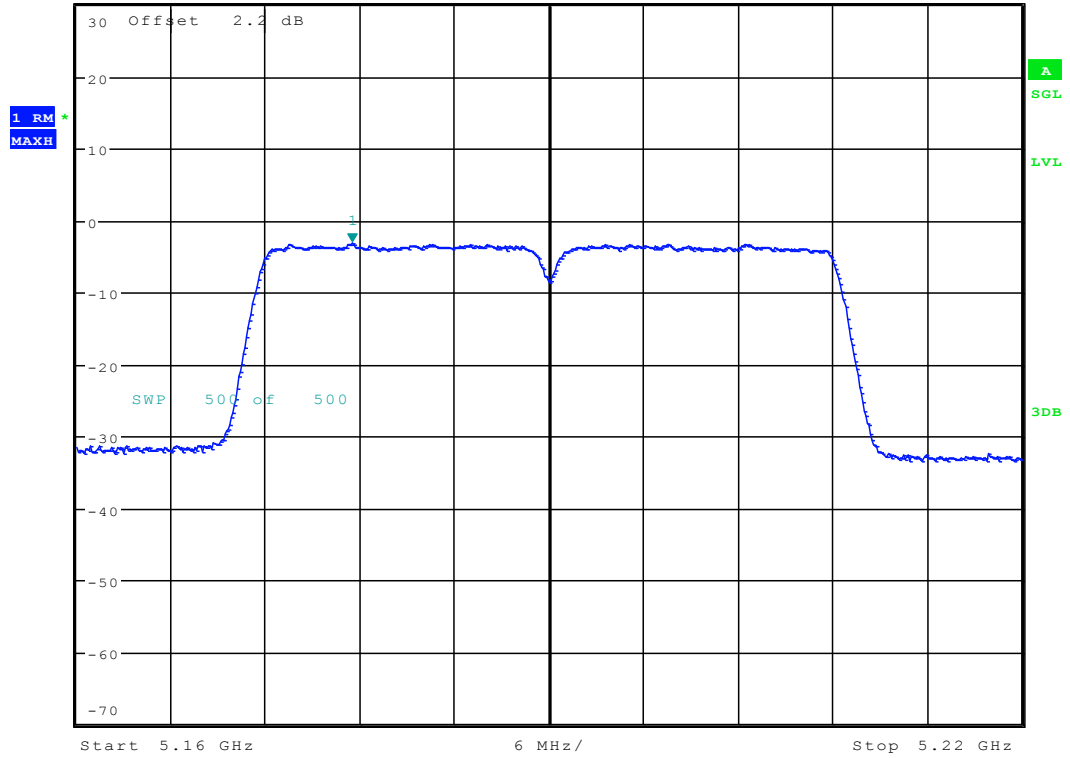
Date: 7.AUG.2017 09:34:16



### 11.128 11AC40\_38 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -3.12 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.177500000 GHz



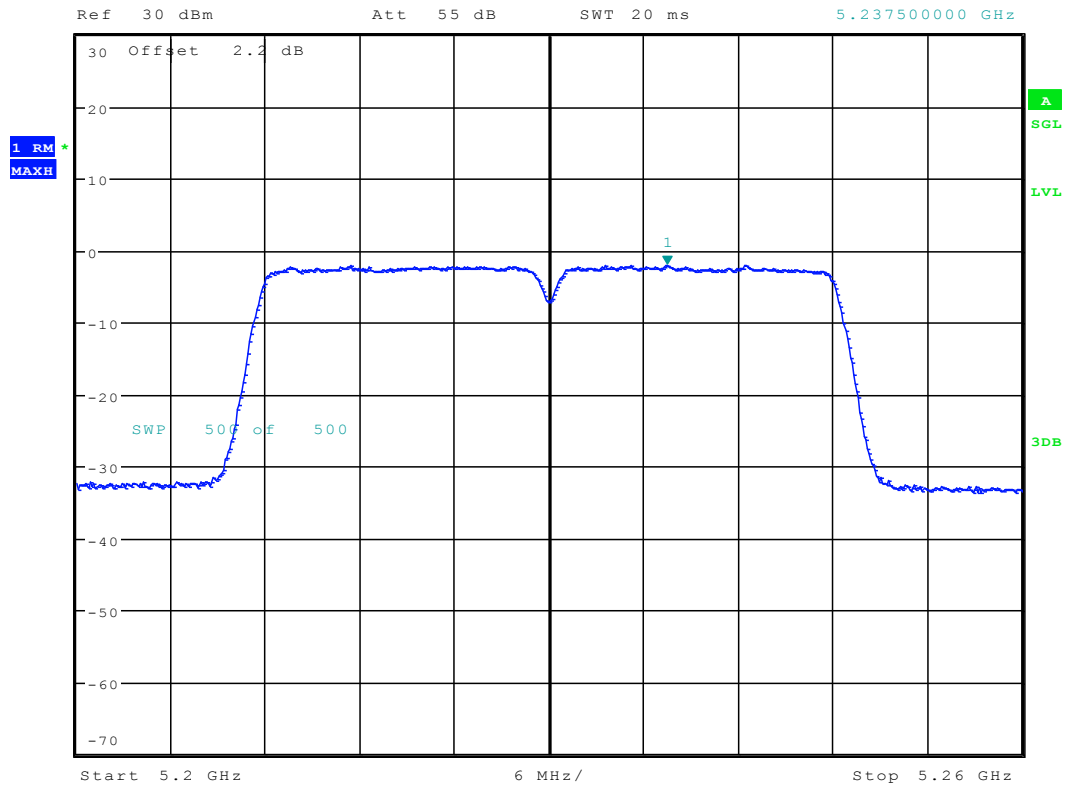
Date: 7.AUG.2017 15:53:37



### 11.129 11AC40\_46 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -2.11 dBm  
SWT 20 ms      5.237500000 GHz



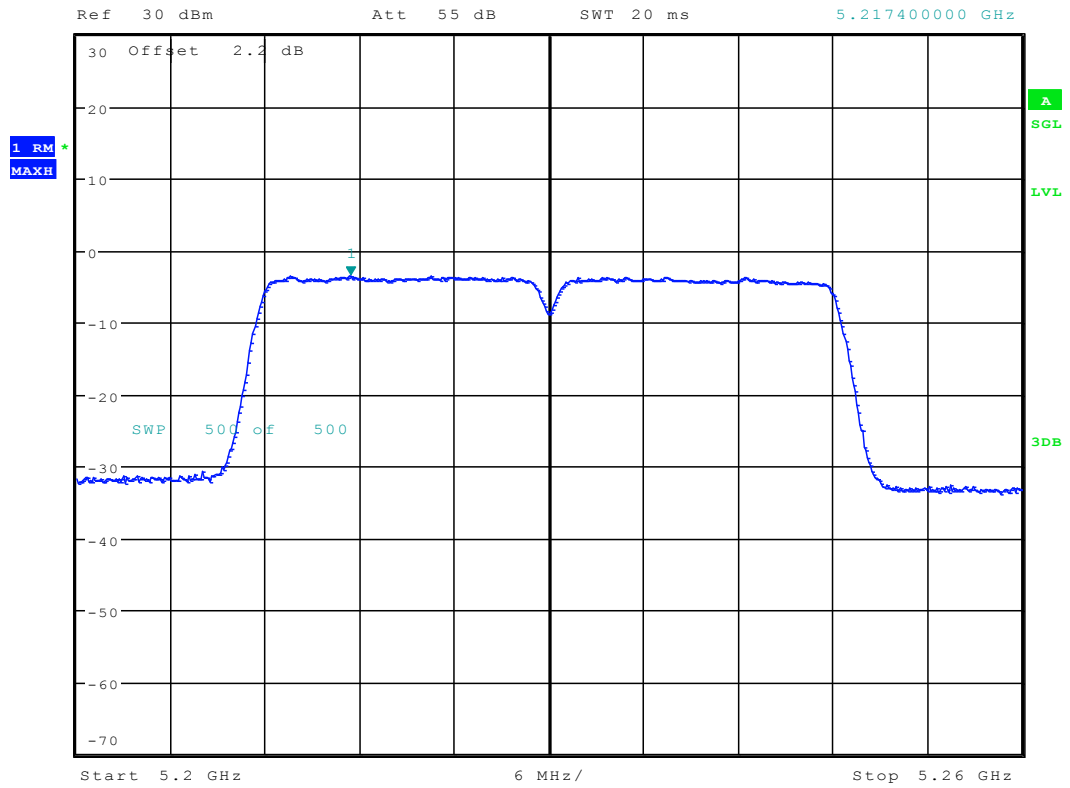
Date: 7.AUG.2017 09:39:07



### 11.130 11AC40\_46 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -3.51 dBm  
SWT 20 ms      5.217400000 GHz

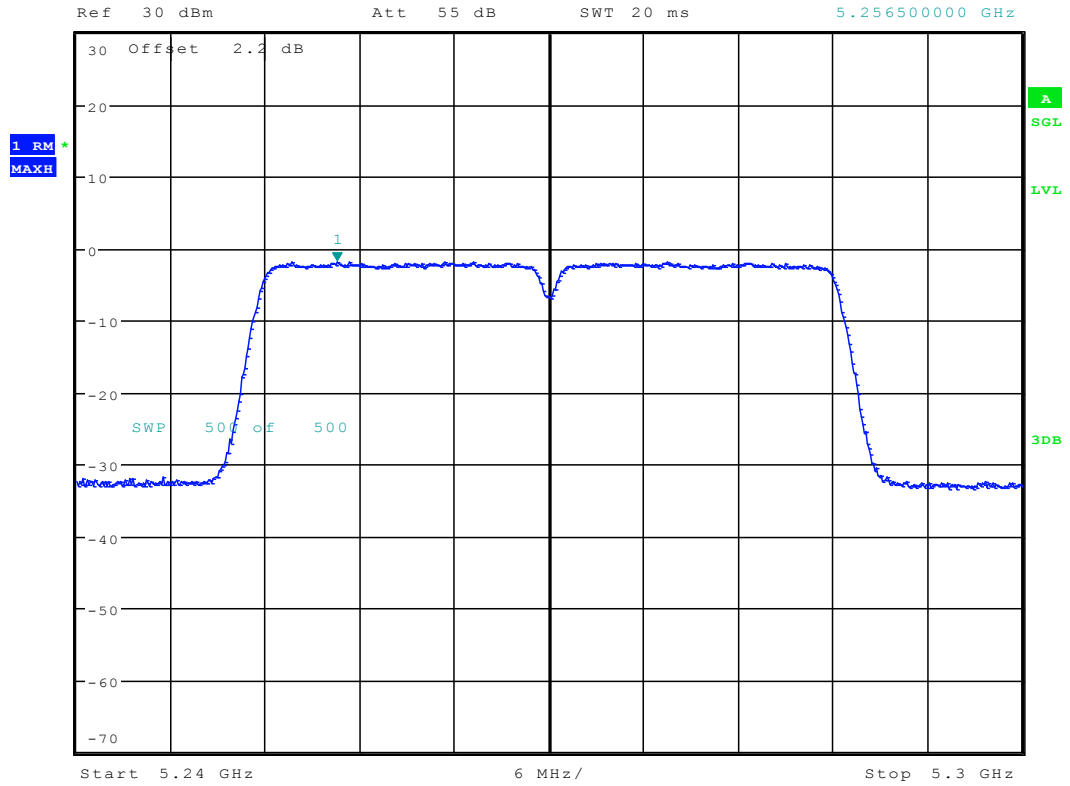


Date: 7.AUG.2017 15:57:14

### 11.131 11AC40\_54 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.79 dBm  
SWT 20 ms      5.256500000 GHz



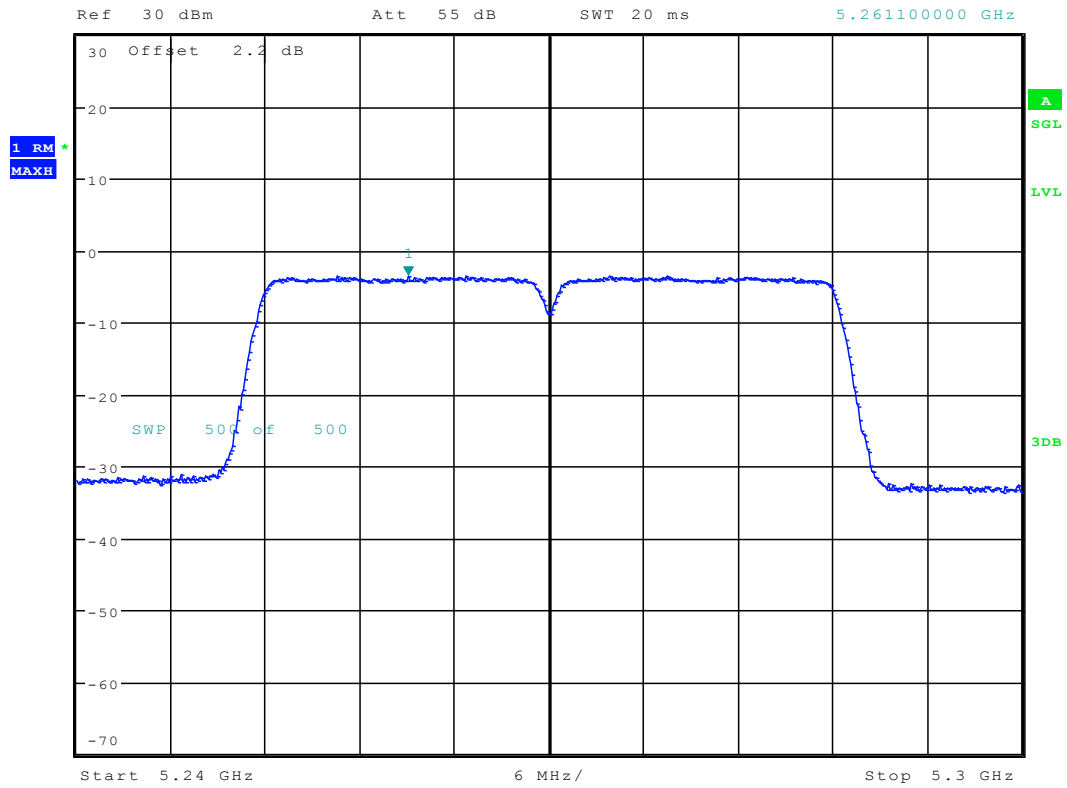
Date: 7.AUG.2017 09:53:50



### 11.132 11AC40\_54 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -3.54 dBm  
SWT 20 ms      5.261100000 GHz



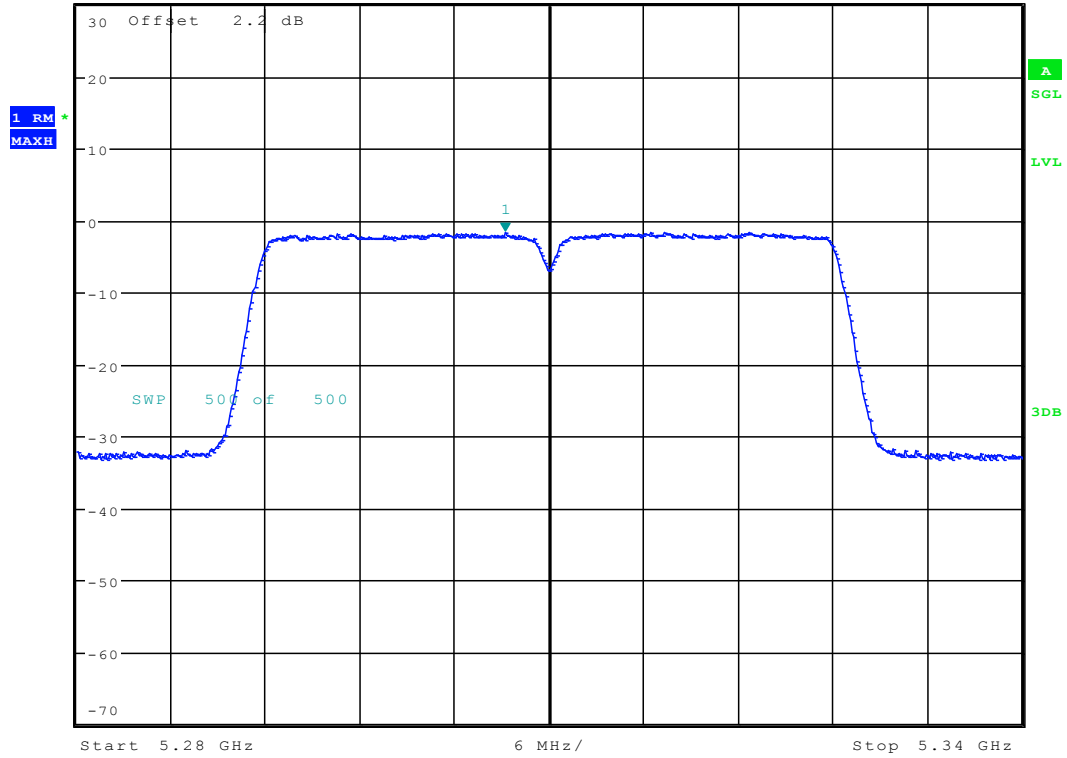
Date: 7.AUG.2017 16:02:02



### 11.133 11AC40\_62 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.64 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.307200000 GHz



Date: 7.AUG.2017 09:57:03

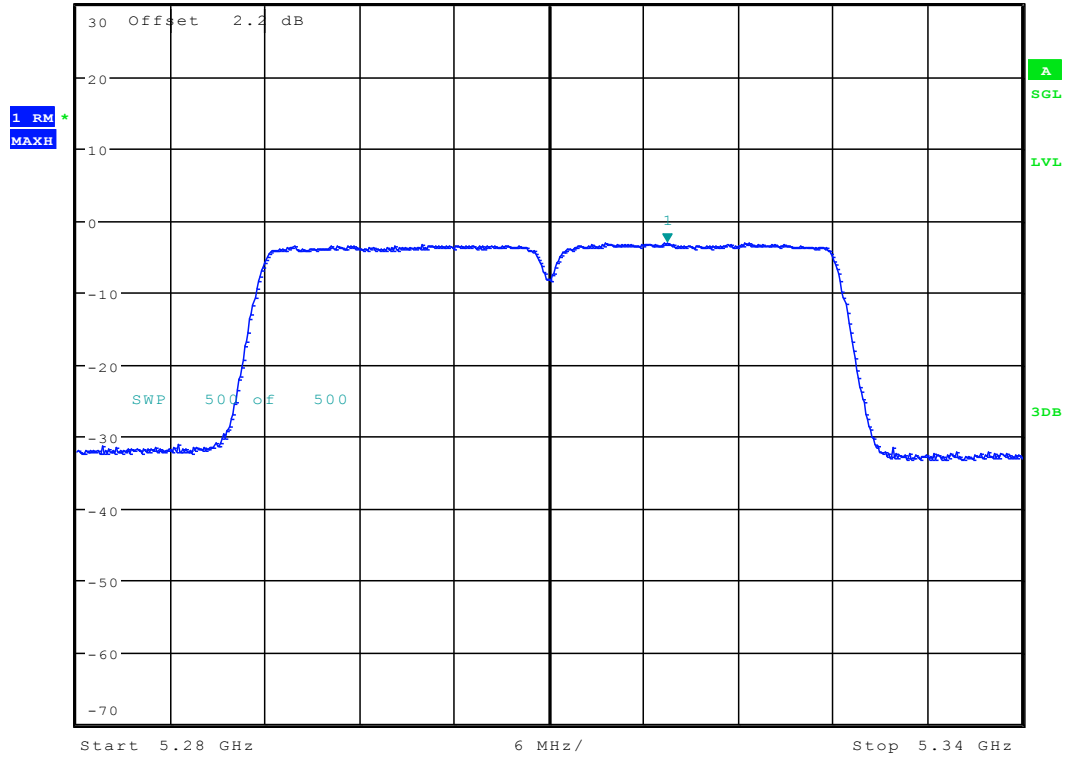




### 11.134 11AC40\_62 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -3.01 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.317500000 GHz

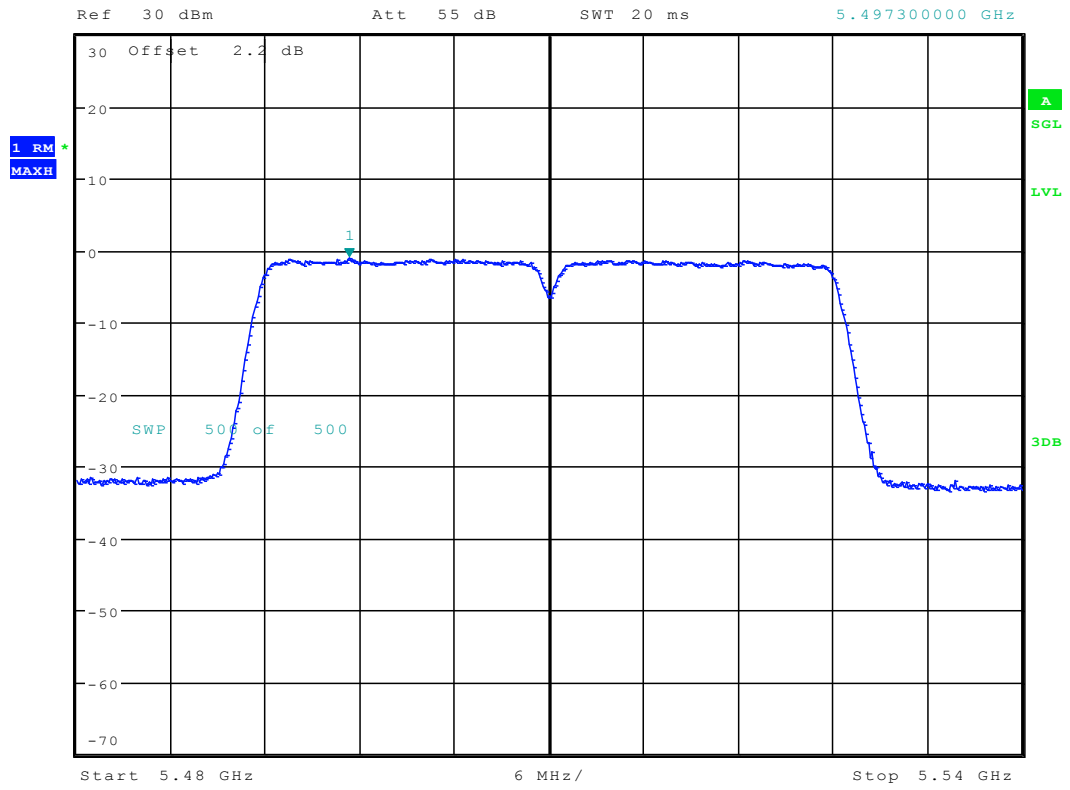


Date: 7.AUG.2017 16:04:44

### 11.135 11AC40\_102 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.08 dBm  
SWT 20 ms      5.497300000 GHz



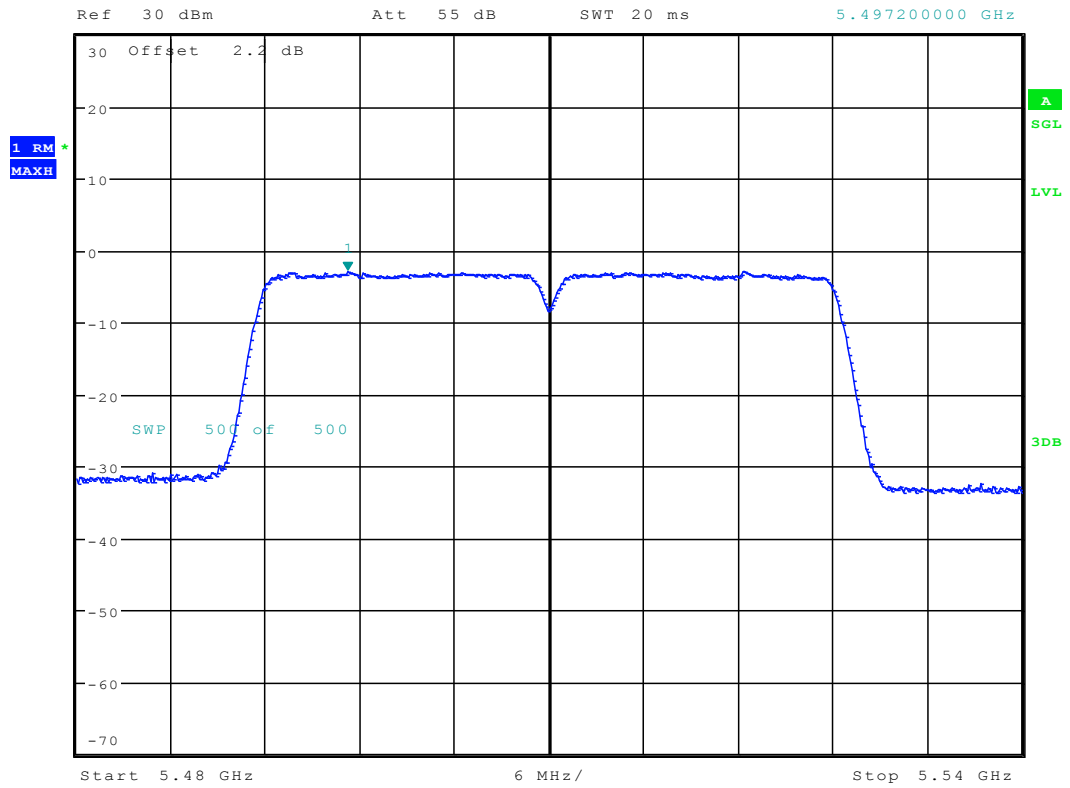
Date: 7.AUG.2017 10:00:19



### 11.136 11AC40\_102 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -2.96 dBm  
SWT 20 ms      5.497200000 GHz



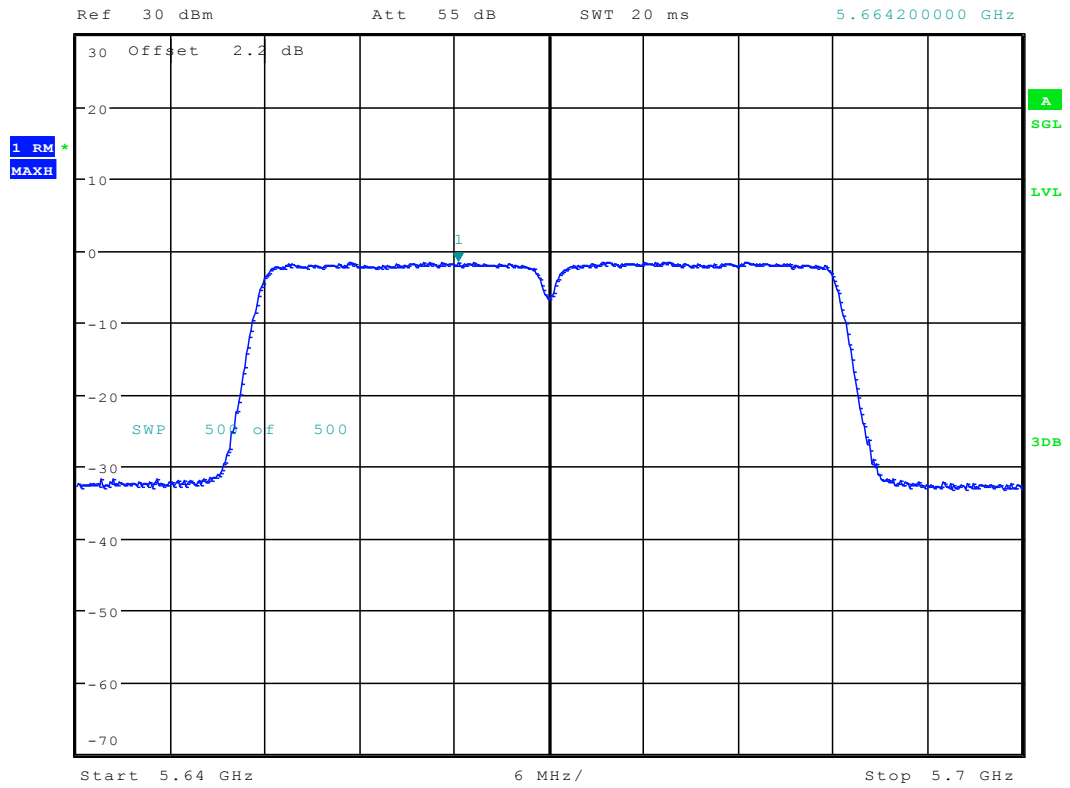
Date: 7.AUG.2017 16:08:17



### 11.137 11AC40\_134 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.55 dBm  
SWT 20 ms      5.664200000 GHz



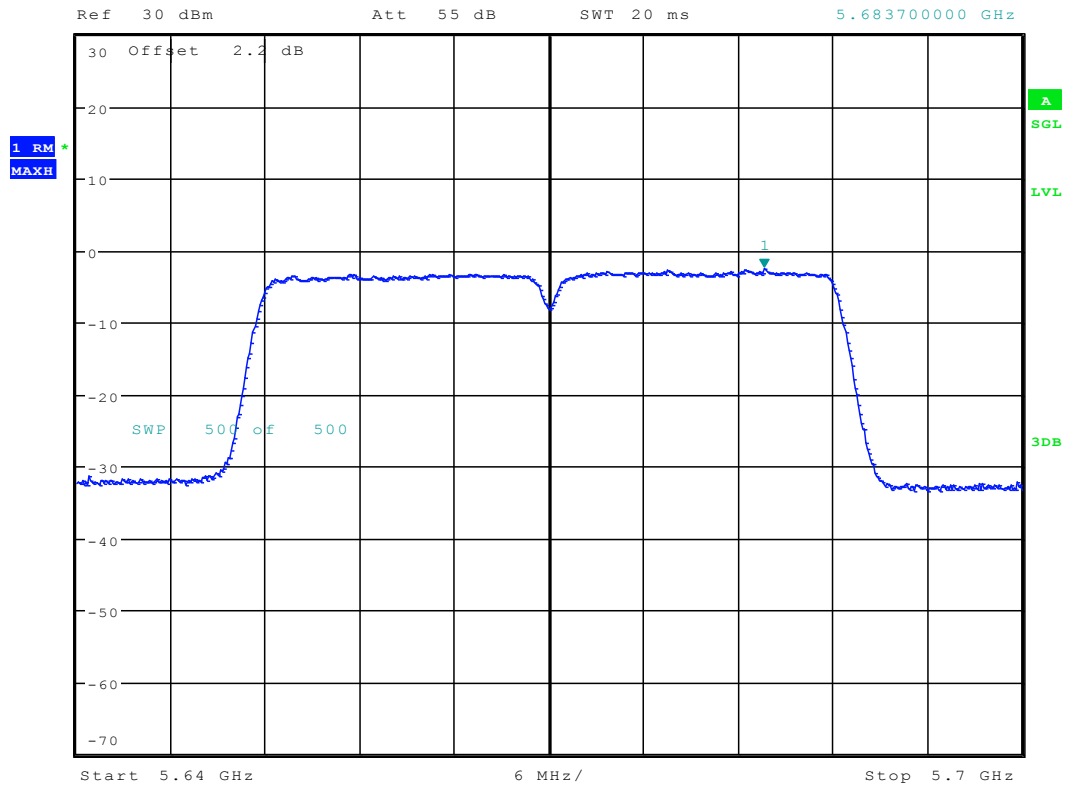
Date: 7.AUG.2017 10:03:27



### 11.138 11AC40\_134 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -2.53 dBm  
SWT 20 ms      5.683700000 GHz

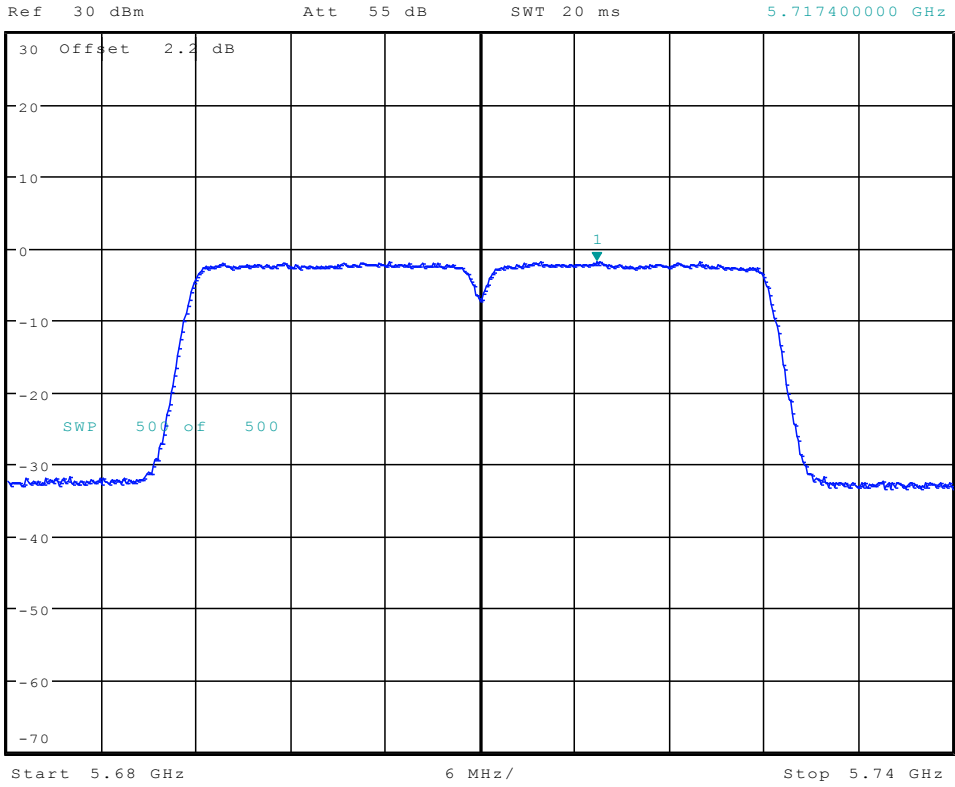


Date: 7.AUG.2017 16:11:10

### 11.139 11AC40\_142 ANT 1



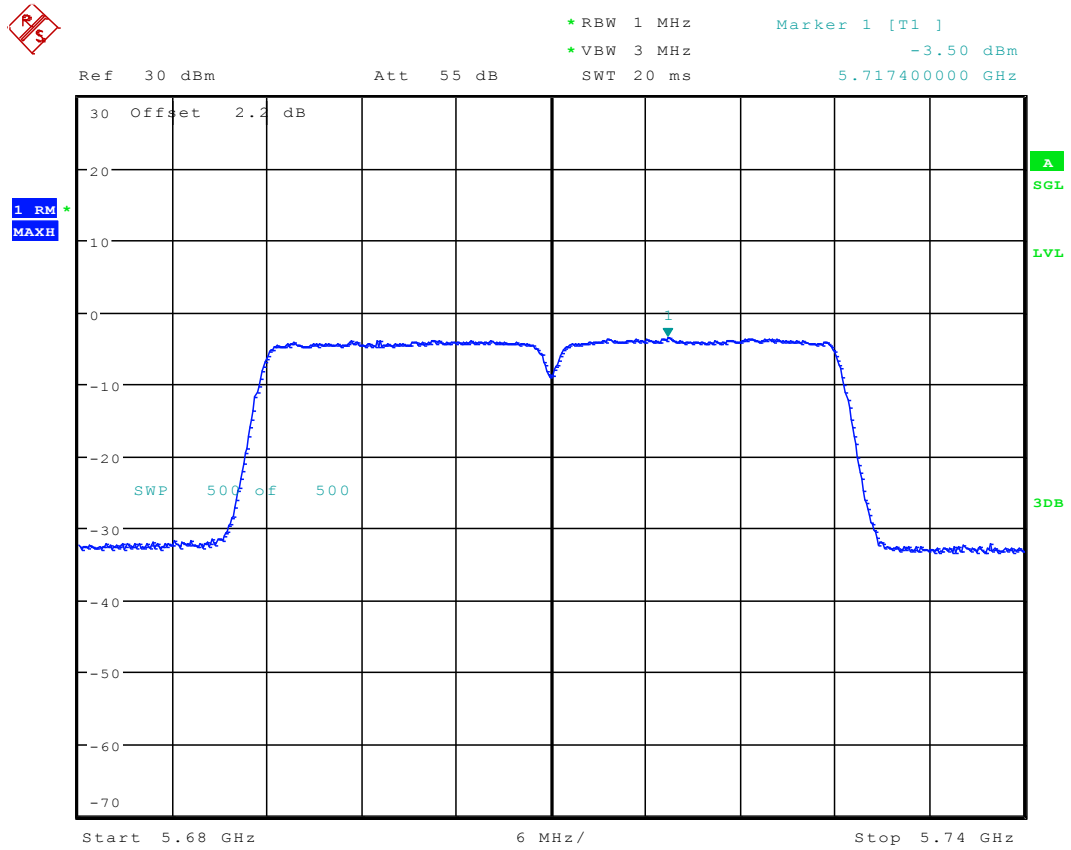
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.85 dBm  
SWT 20 ms      5.717400000 GHz



Date: 16.SEP.2017 10:08:20



11.140 11AC40\_142 ANT 2



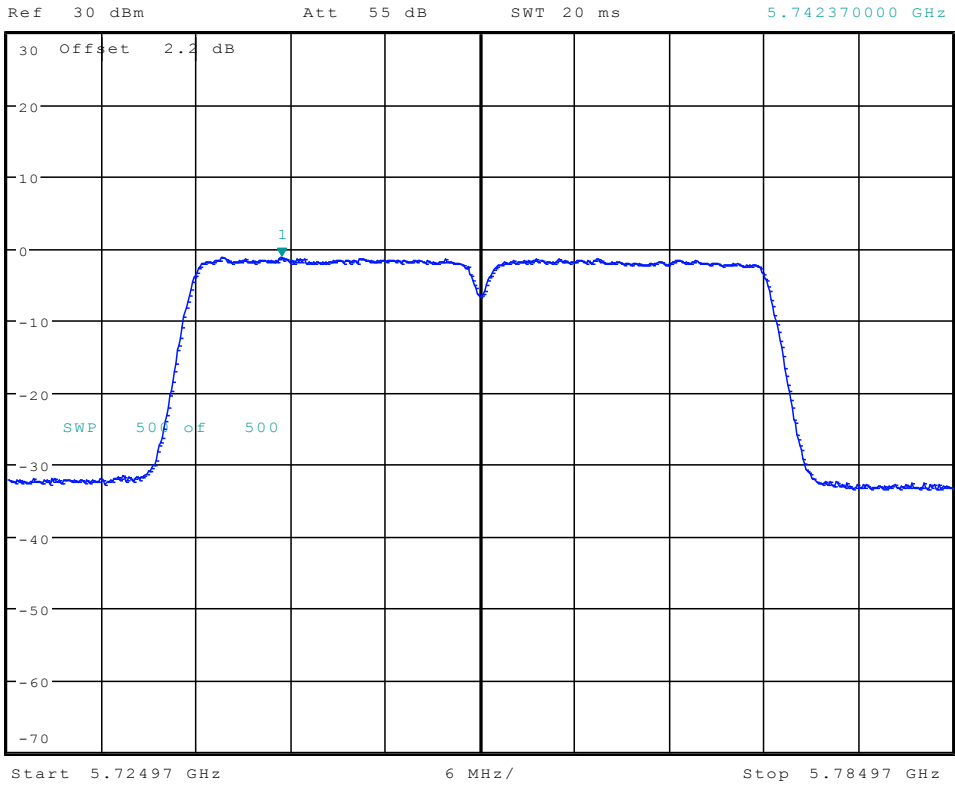
Date: 16.SEP.2017 10:46:52



### 11.141 11AC40\_151 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -1.22 dBm  
 SWT 20 ms      5.742370000 GHz



Date: 7.AUG.2017 10:07:25

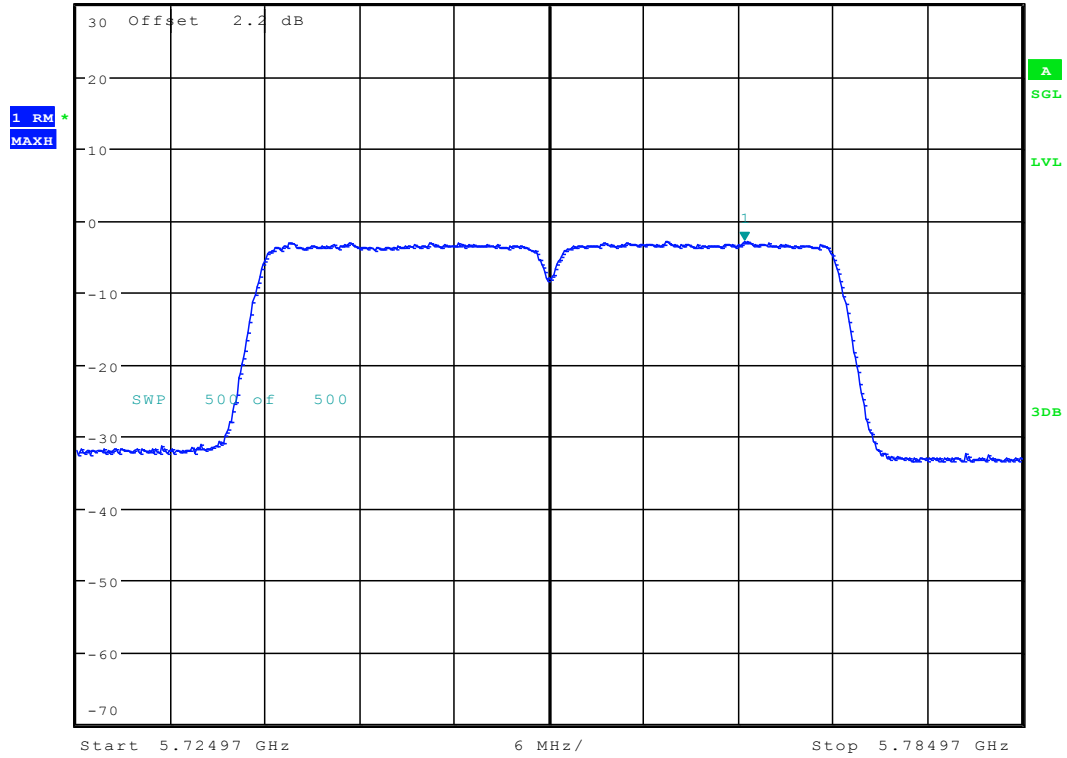




### 11.142 11AC40\_151 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -2.89 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.767370000 GHz



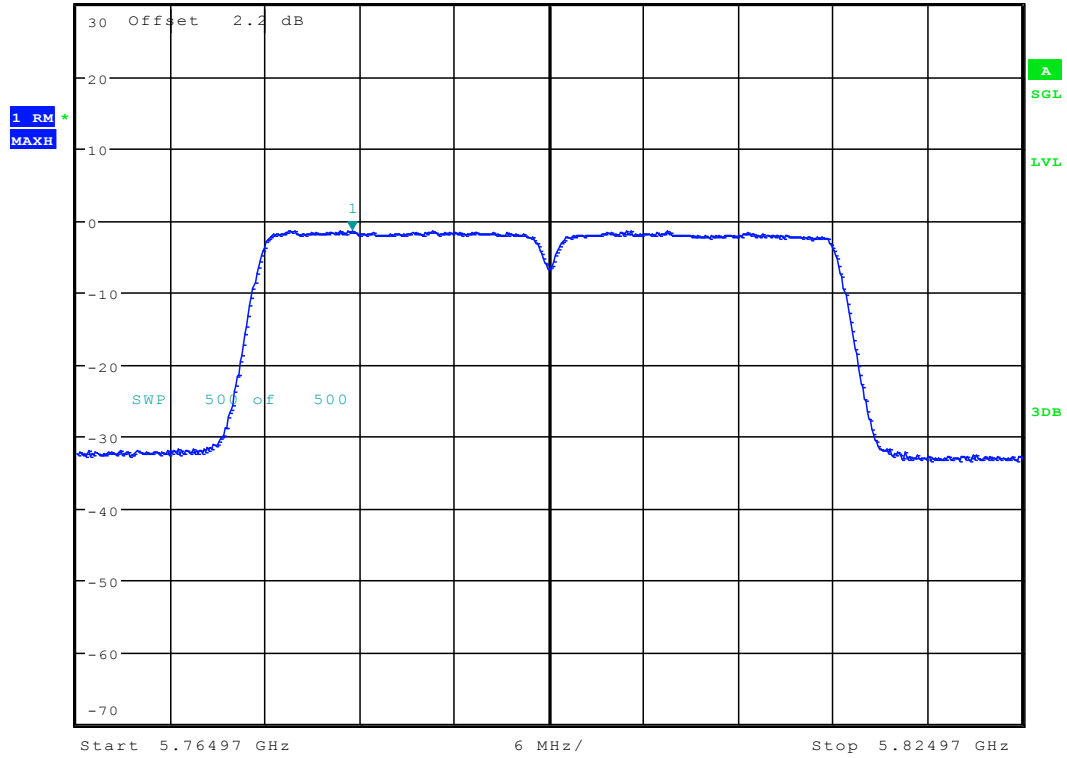
Date: 7.AUG.2017 16:14:53



### 11.143 11AC40\_159 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -1.31 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.782470000 GHz



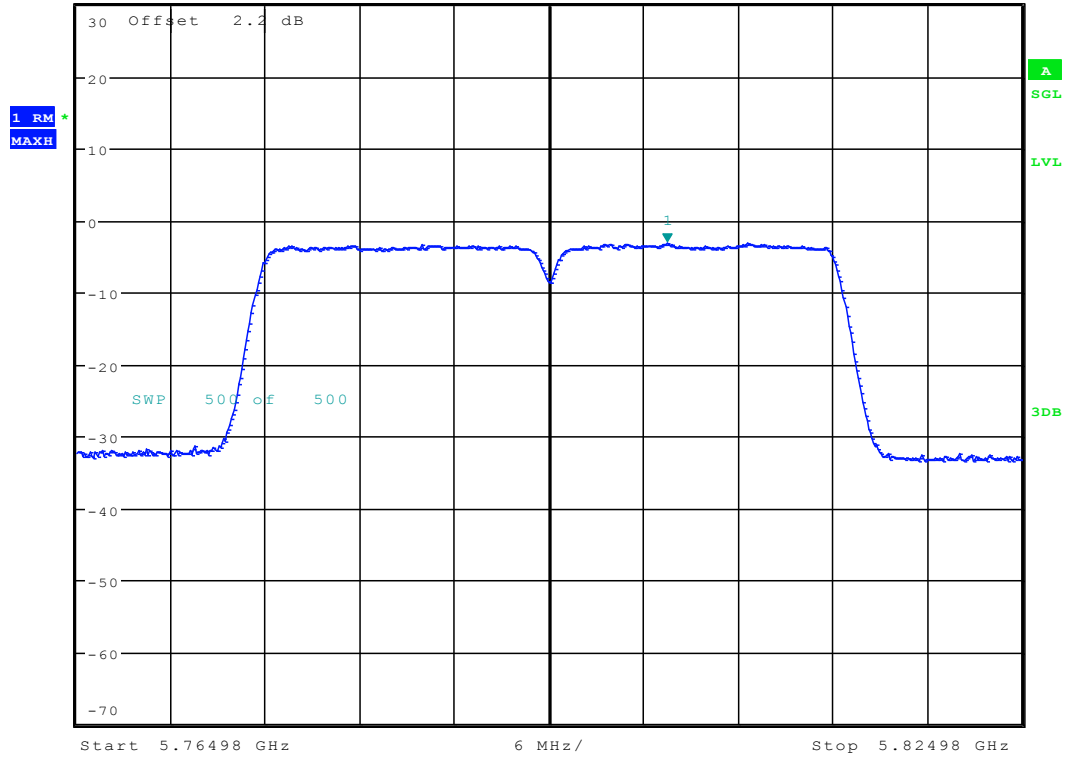
Date: 7.AUG.2017 10:10:42



### 11.144 11AC40\_159 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -2.99 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.802480000 GHz



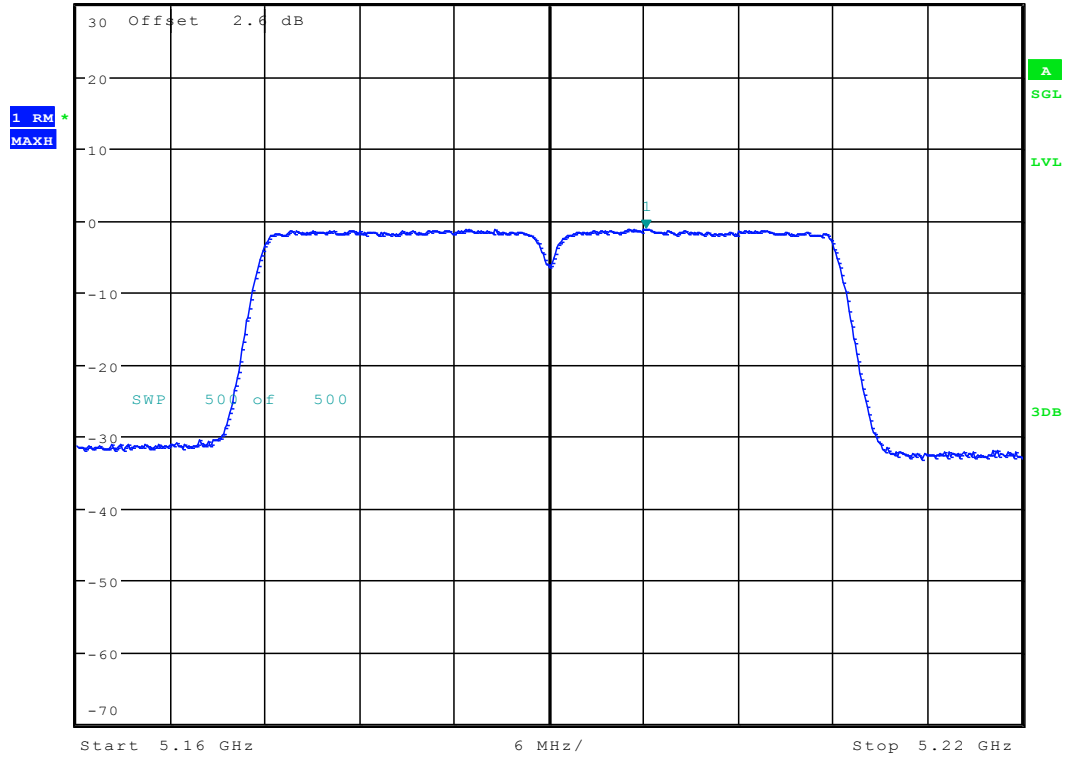
Date: 7.AUG.2017 16:18:06



### 11.145 11AC40MIMO\_38 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.22 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.196200000 GHz



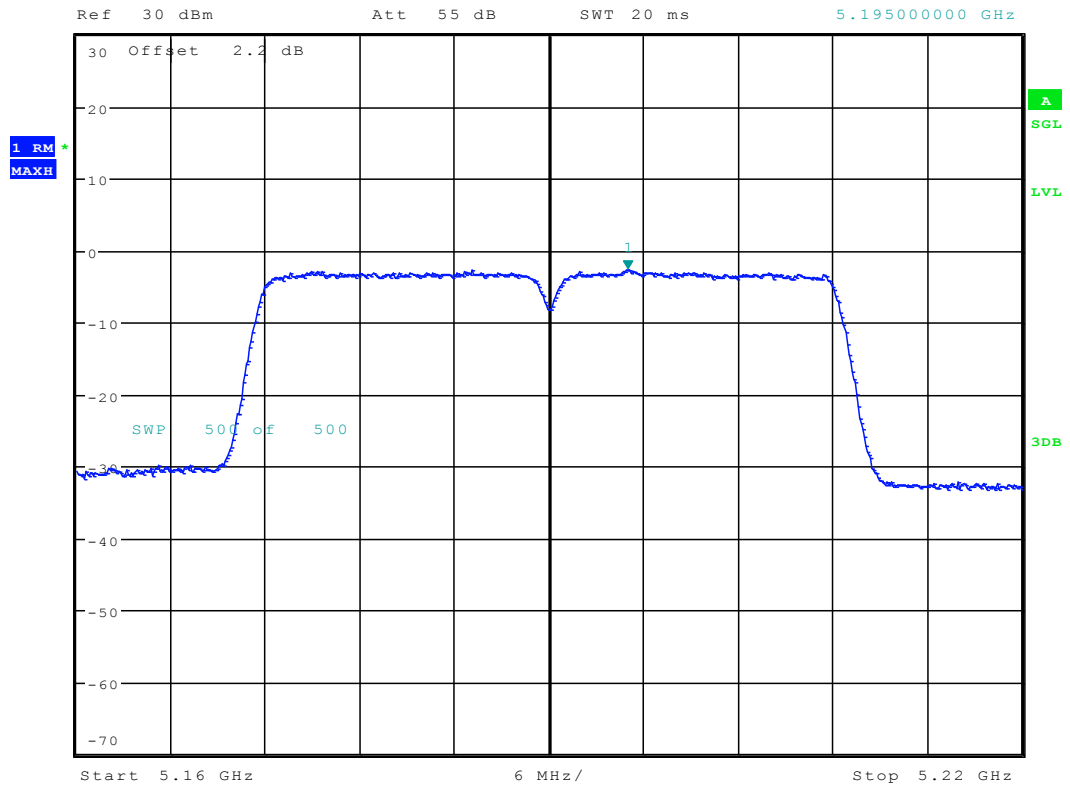
Date: 9.AUG.2017 19:03:08



### 11.146 11AC40MIMO\_38 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -2.57 dBm  
 SWT 20 ms      5.195000000 GHz



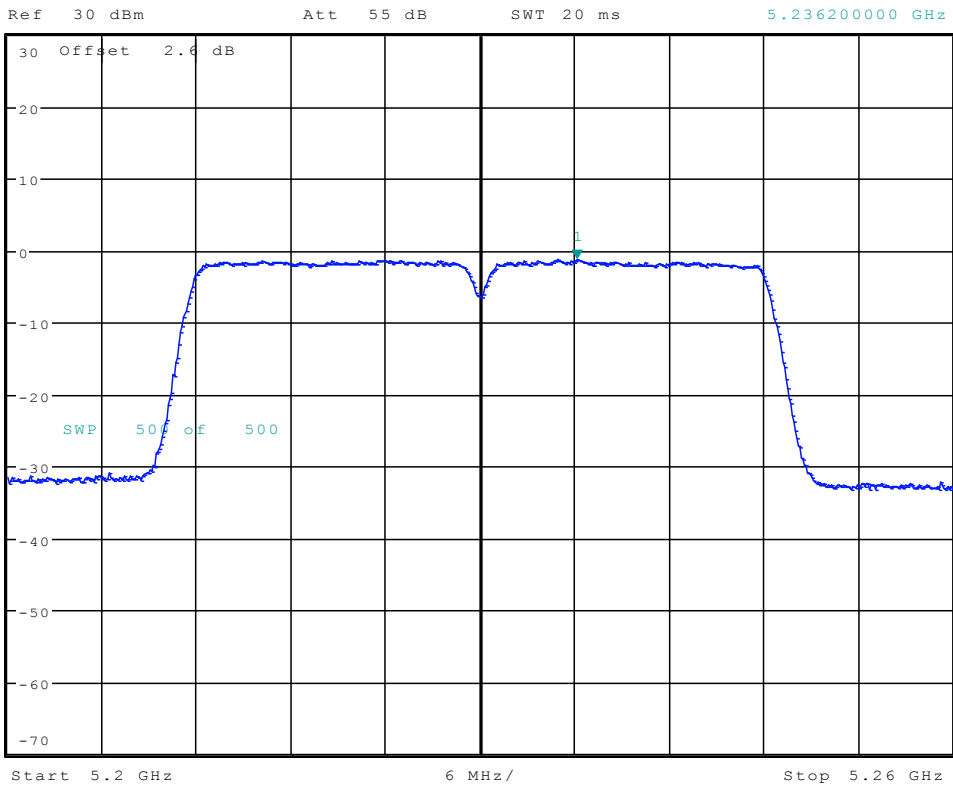
Date: 9.AUG.2017 15:24:55



### 11.147 11AC40MIMO\_46 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.21 dBm  
SWT 20 ms      5.236200000 GHz



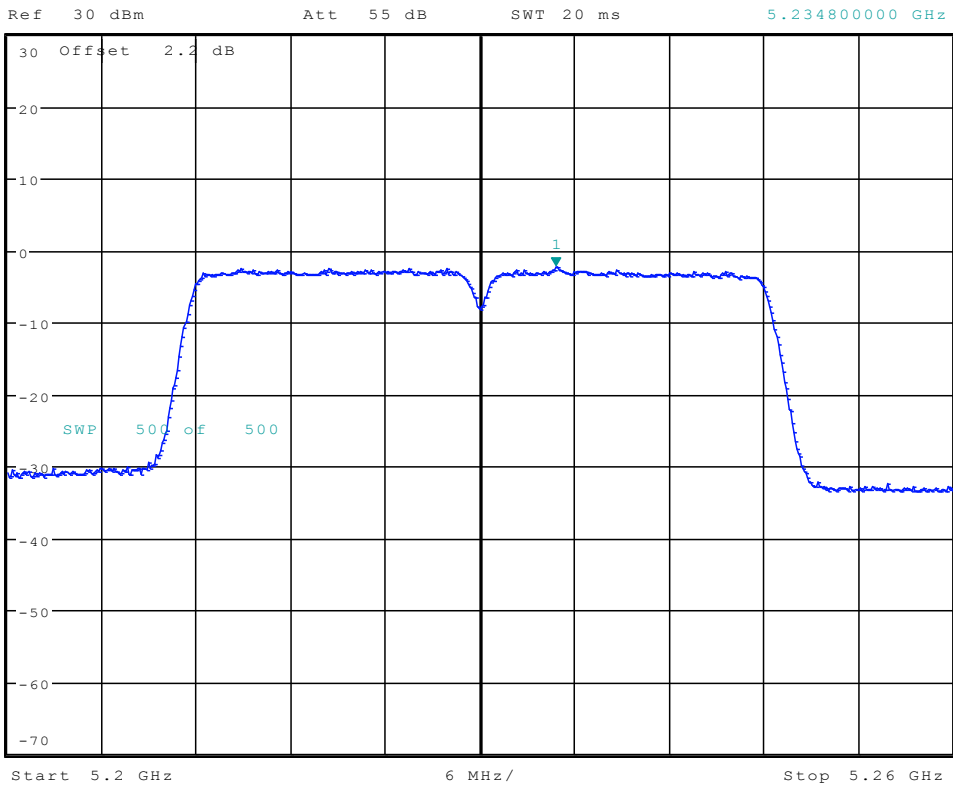
Date: 10.AUG.2017 08:54:56



### 11.148 11AC40MIMO\_46 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -2.30 dBm  
 SWT 20 ms      5.234800000 GHz



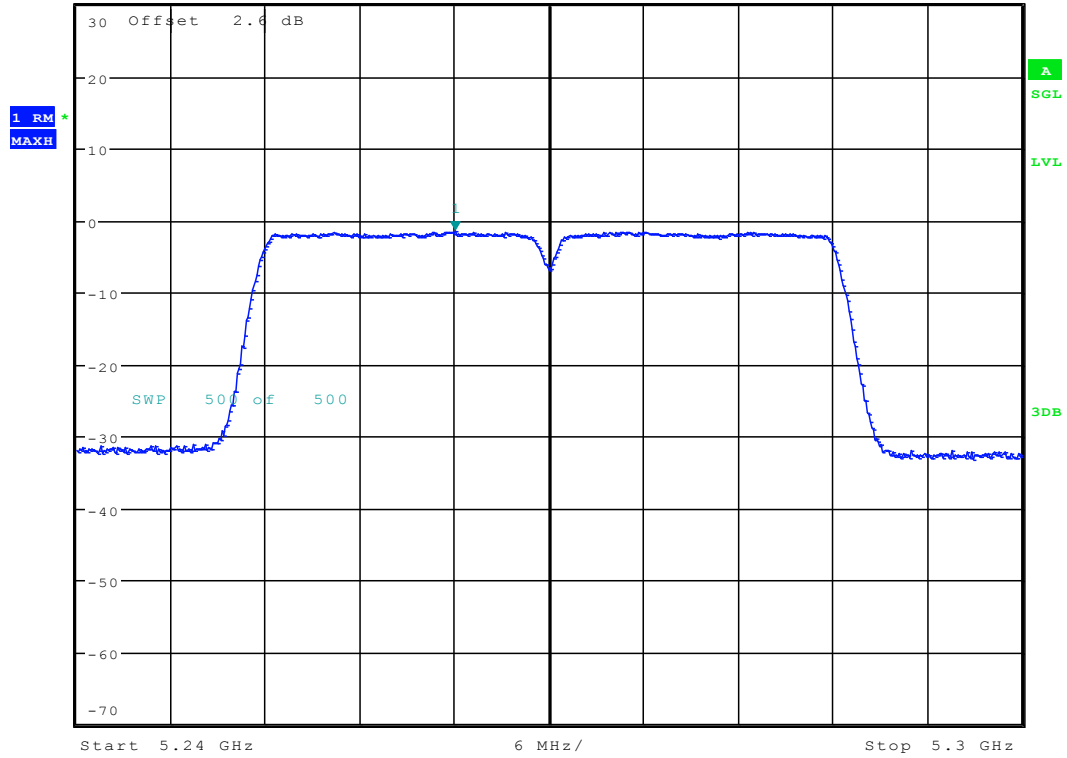
Date: 9.AUG.2017 15:29:27



### 11.149 11AC40MIMO\_54 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.41 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.264000000 GHz



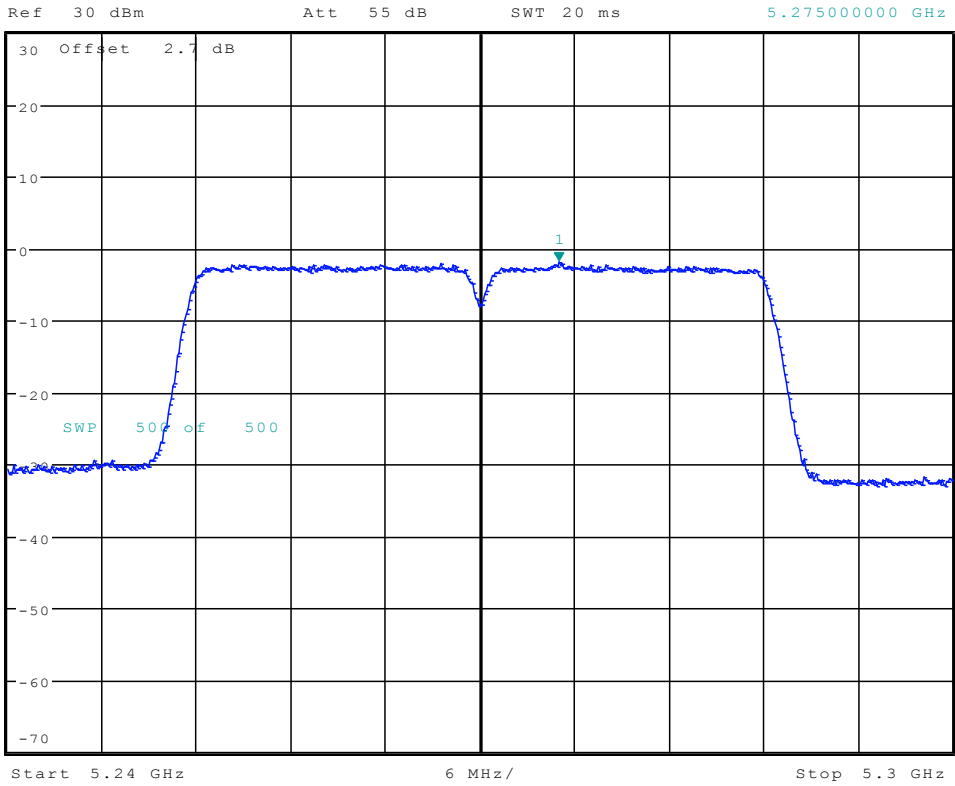
Date: 10.AUG.2017 08:57:51



### 11.150 11AC40MIMO\_54 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.92 dBm  
SWT 20 ms      5.275000000 GHz



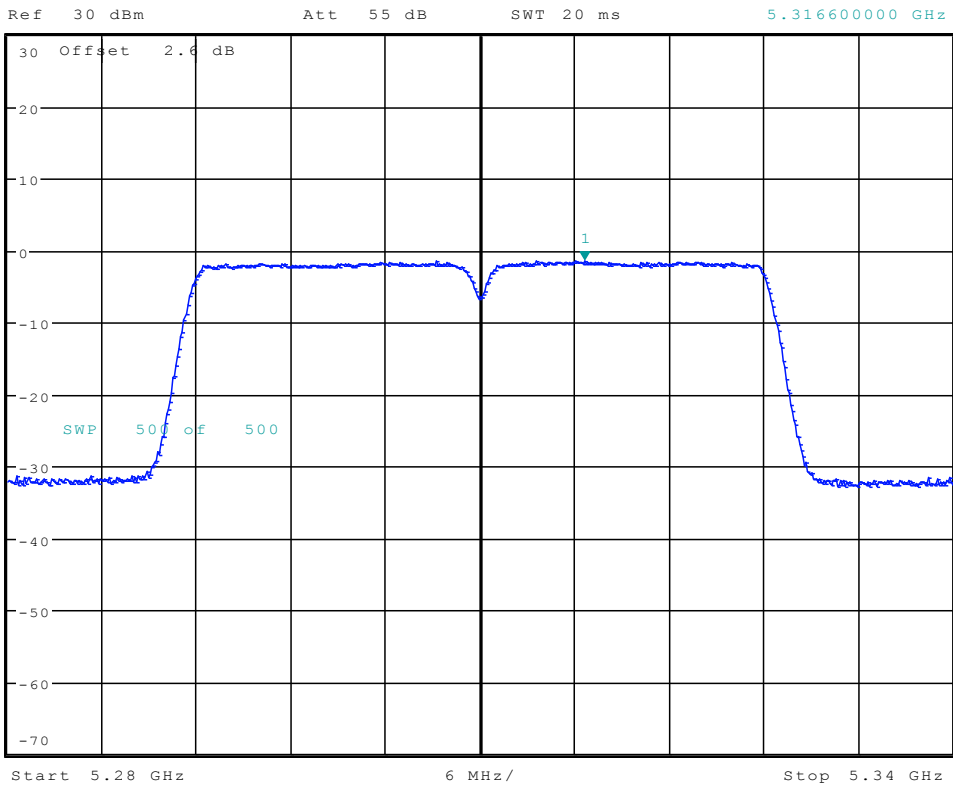
Date: 9.AUG.2017 15:32:42



### 11.151 11AC40MIMO\_62 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.41 dBm  
 SWT 20 ms      5.316600000 GHz



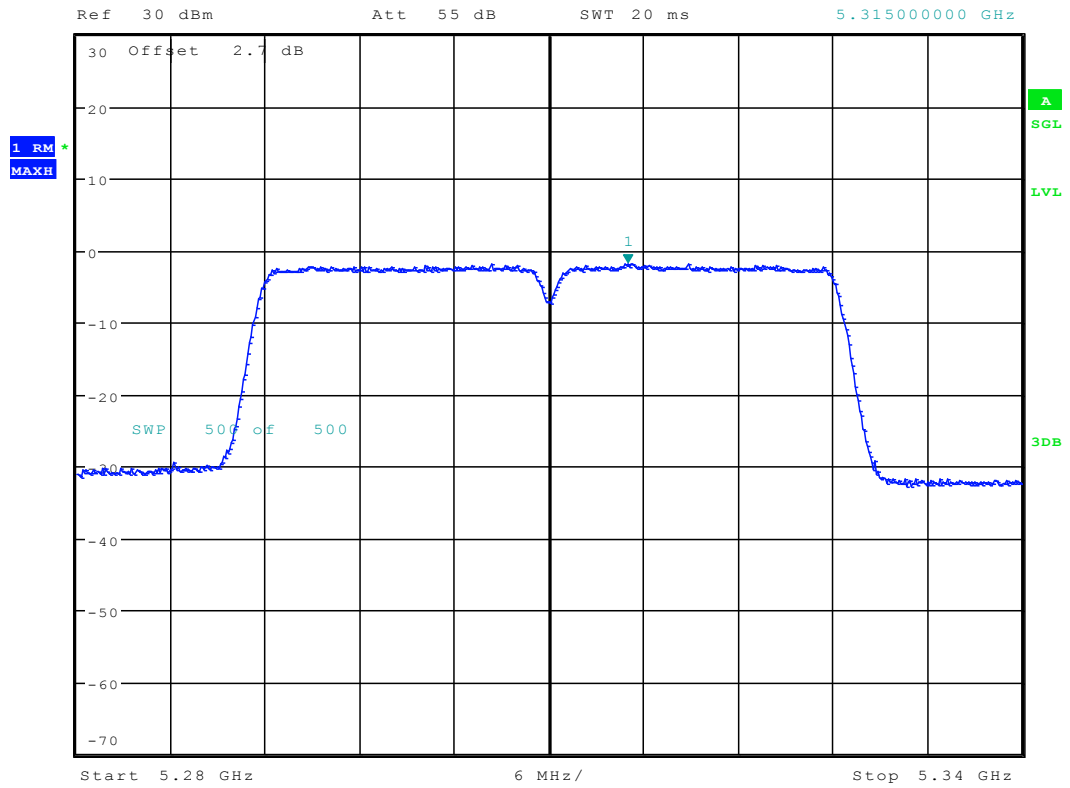
Date: 10.AUG.2017 09:02:08



### 11.152 11AC40MIMO\_62 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -1.73 dBm  
SWT 20 ms      5.315000000 GHz



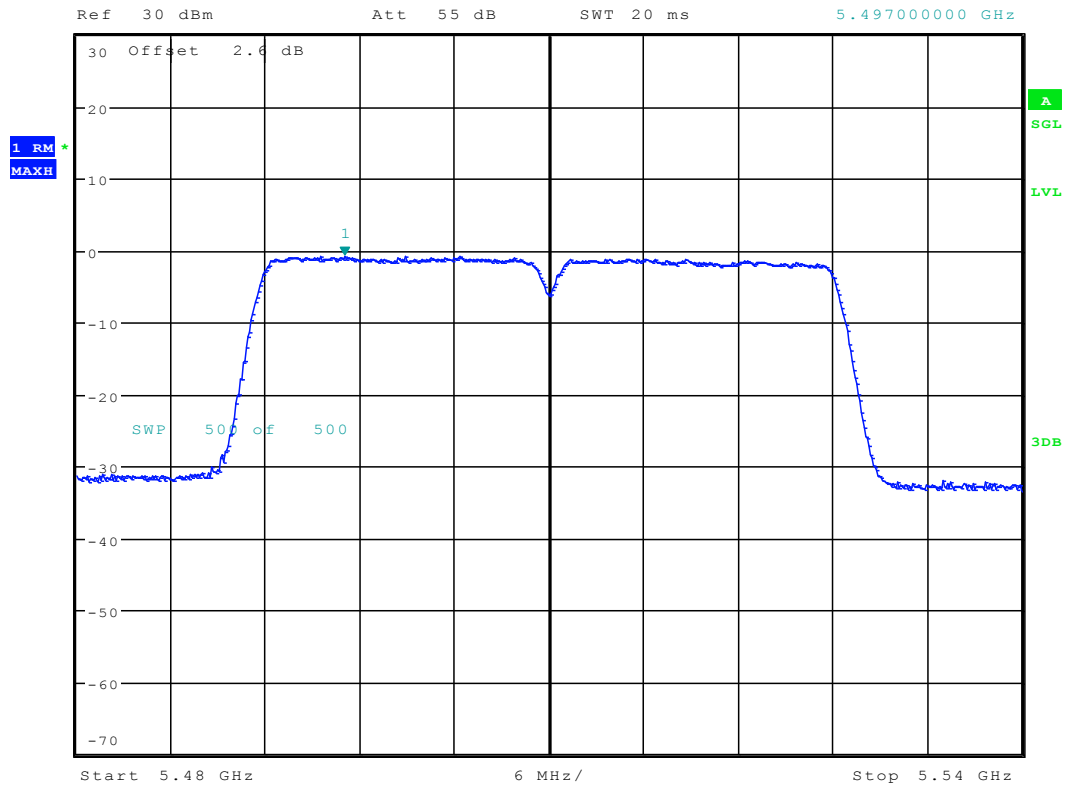
Date: 9.AUG.2017 15:35:18



### 11.153 11AC40MIMO\_102 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -0.82 dBm  
SWT 20 ms      5.497000000 GHz



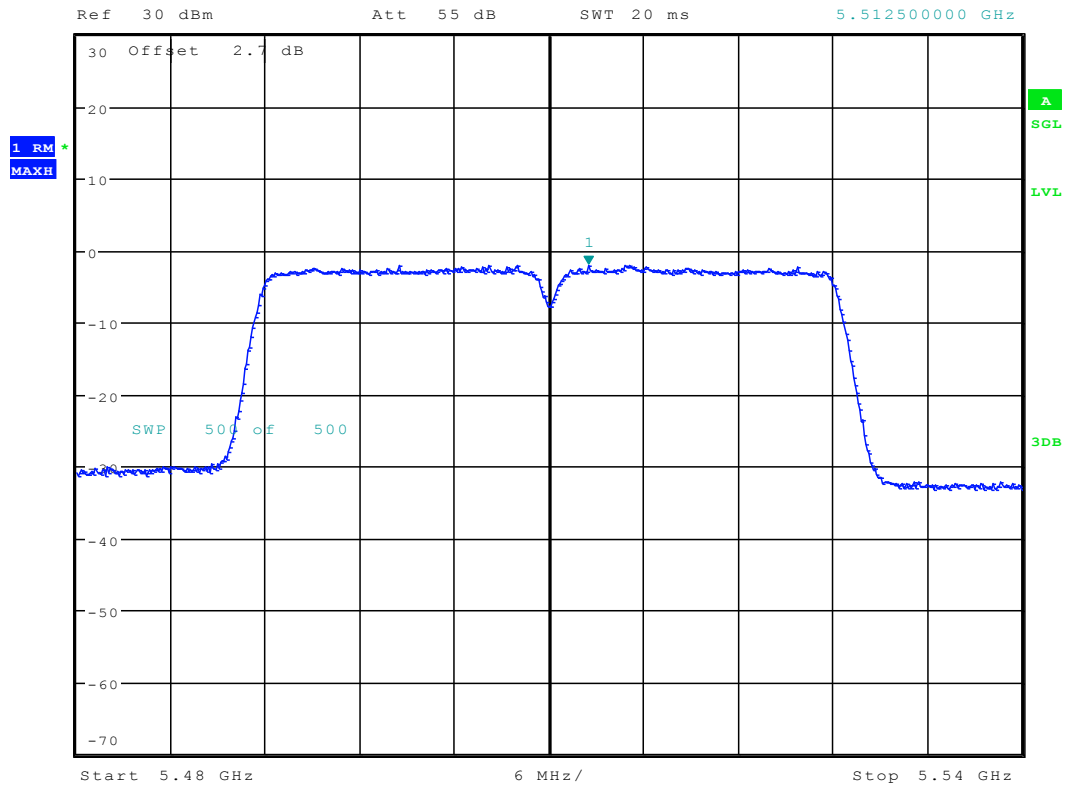
Date: 10.AUG.2017 09:04:51

## 11.154 11AC40MIMO\_102 ANT 2



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
-1.98 dBm  
5.512500000 GHz



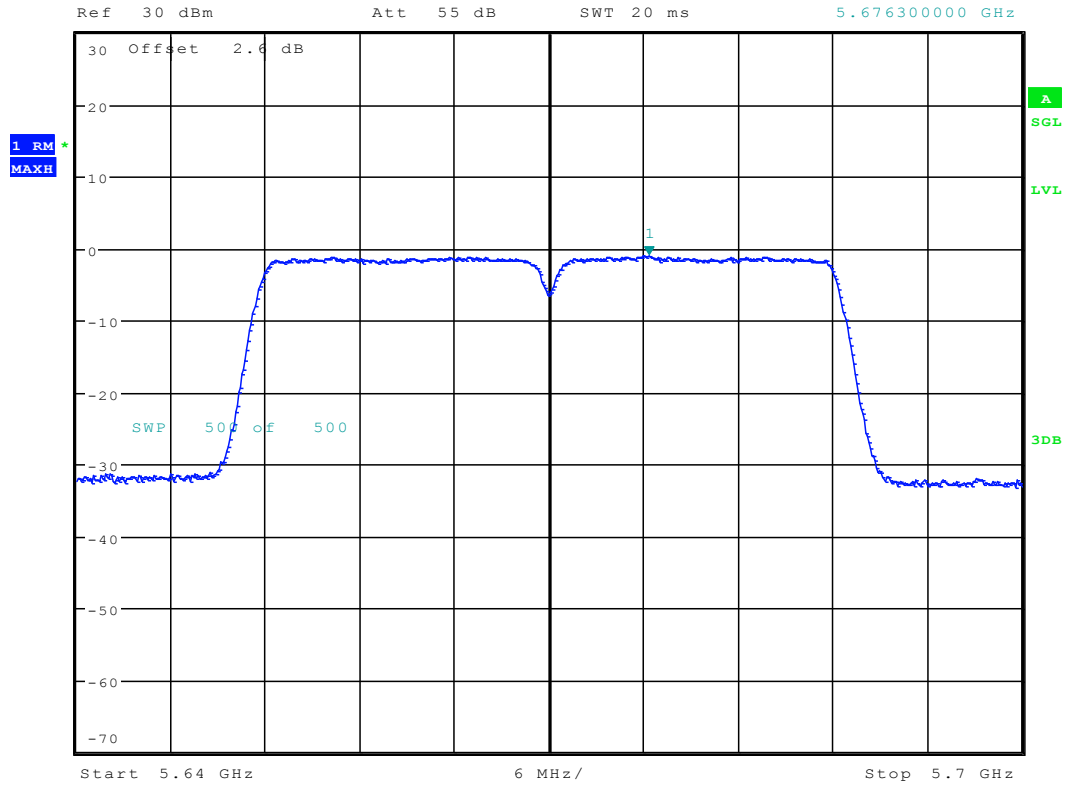
Date: 9.AUG.2017 15:38:50



### 11.155 11AC40MIMO\_134 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -0.98 dBm  
SWT 20 ms      5.676300000 GHz



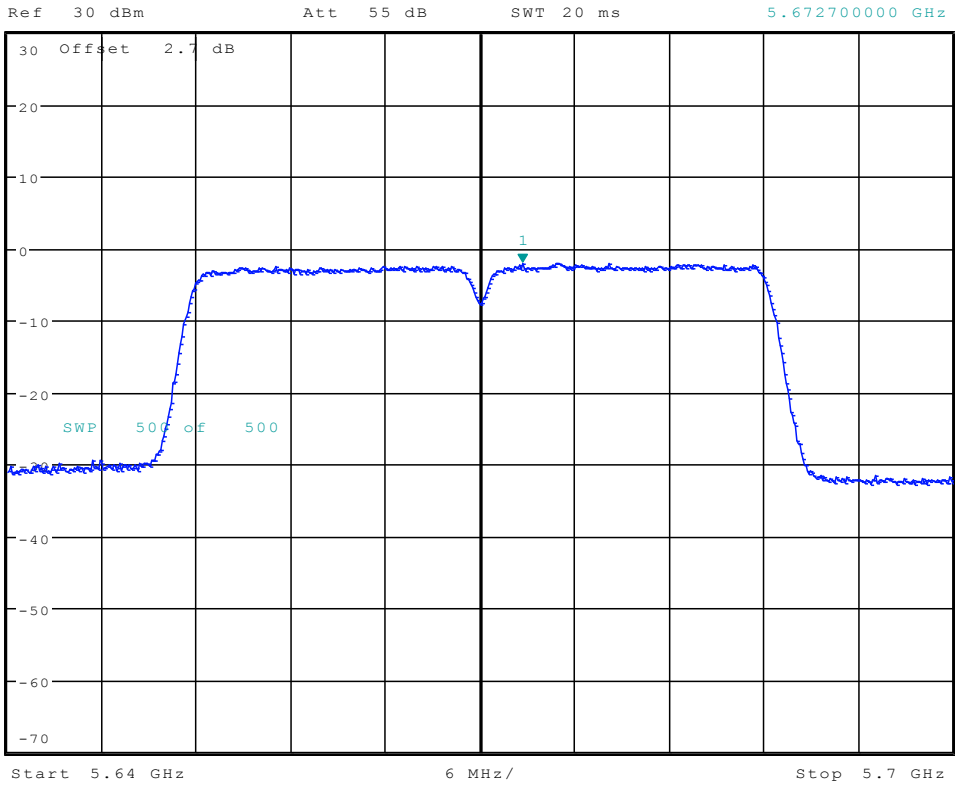
Date: 10.AUG.2017 09:07:26



### 11.156 11AC40MIMO\_134 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -1.95 dBm  
 SWT 20 ms      5.672700000 GHz



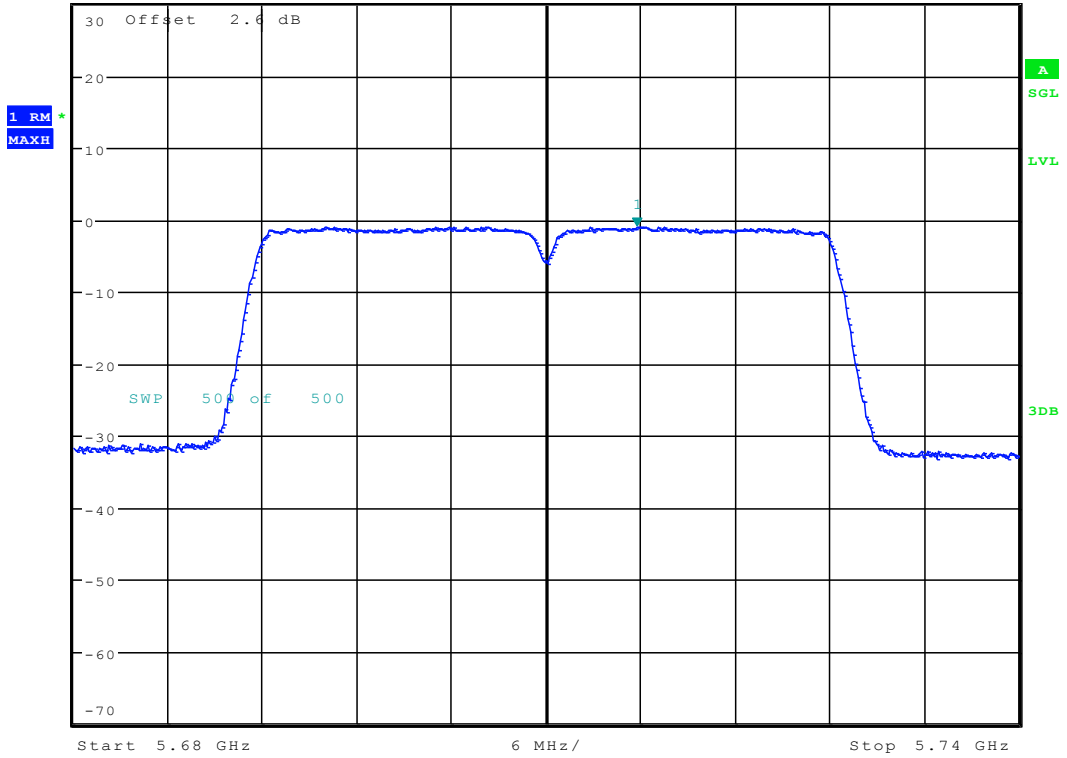
Date: 9.AUG.2017 15:41:36



### 11.157 11AC40MIMO\_142 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -0.89 dBm  
Ref 30 dBm      Att 55 dB      SWT 20 ms      5.715800000 GHz

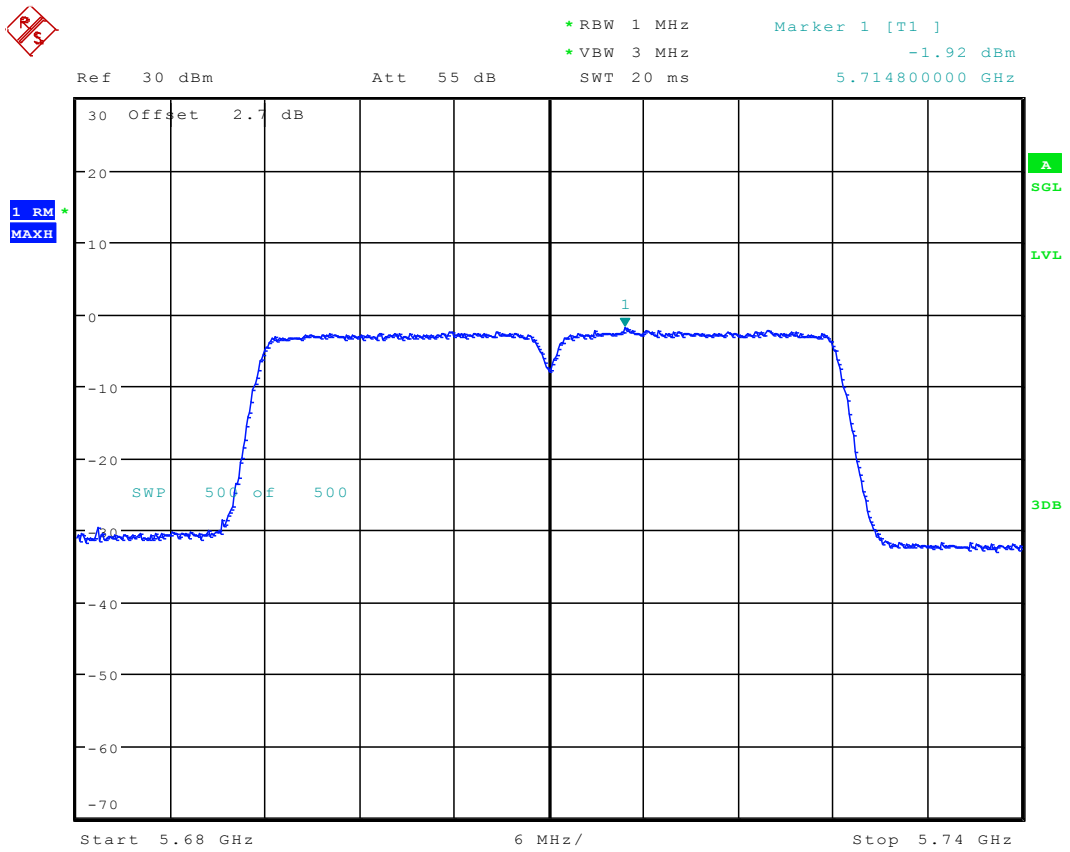


Date: 16.SEP.2017 11:08:45





11.158 11AC40MIMO\_142 ANT 2



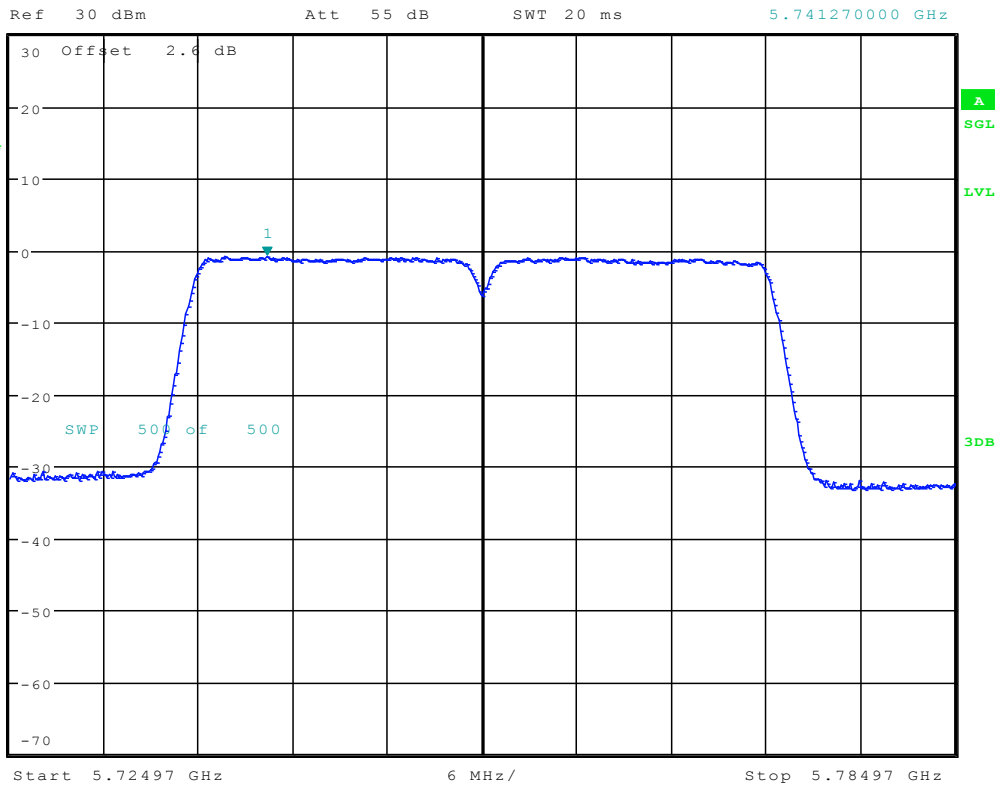
Date: 16.SEP.2017 11:43:27



### 11.159 11AC40MIMO\_151 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -0.87 dBm  
 SWT 20 ms      5.741270000 GHz



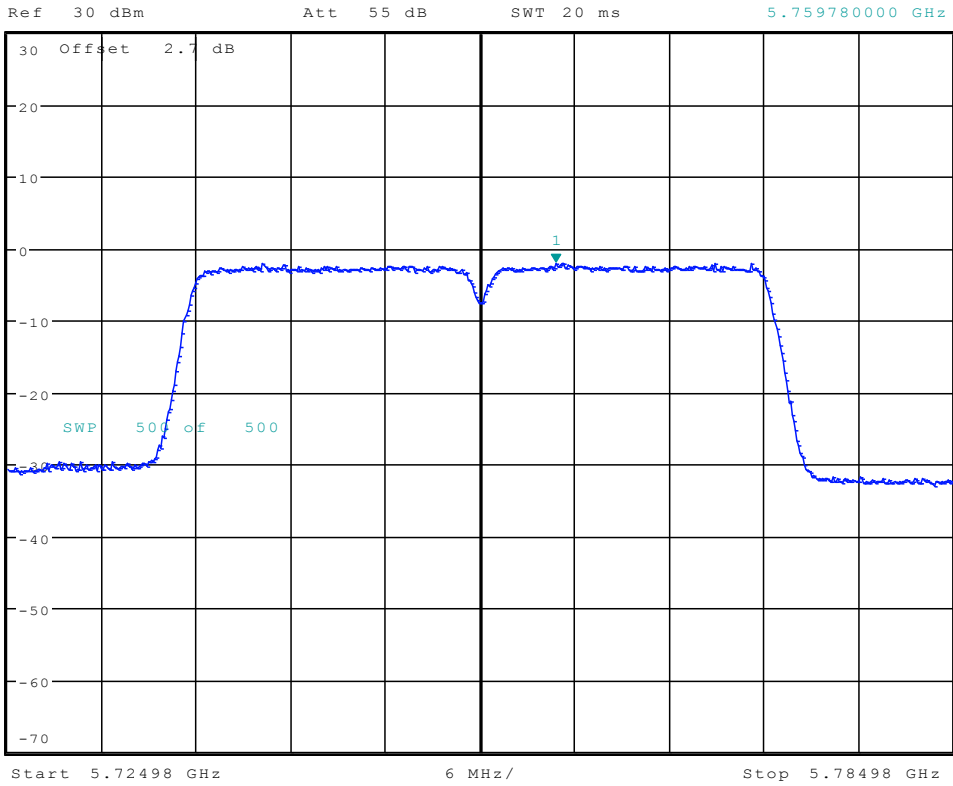
Date: 10.AUG.2017 09:10:51



### 11.160 11AC40MIMO\_151 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -2.04 dBm  
 SWT 20 ms      5.759780000 GHz



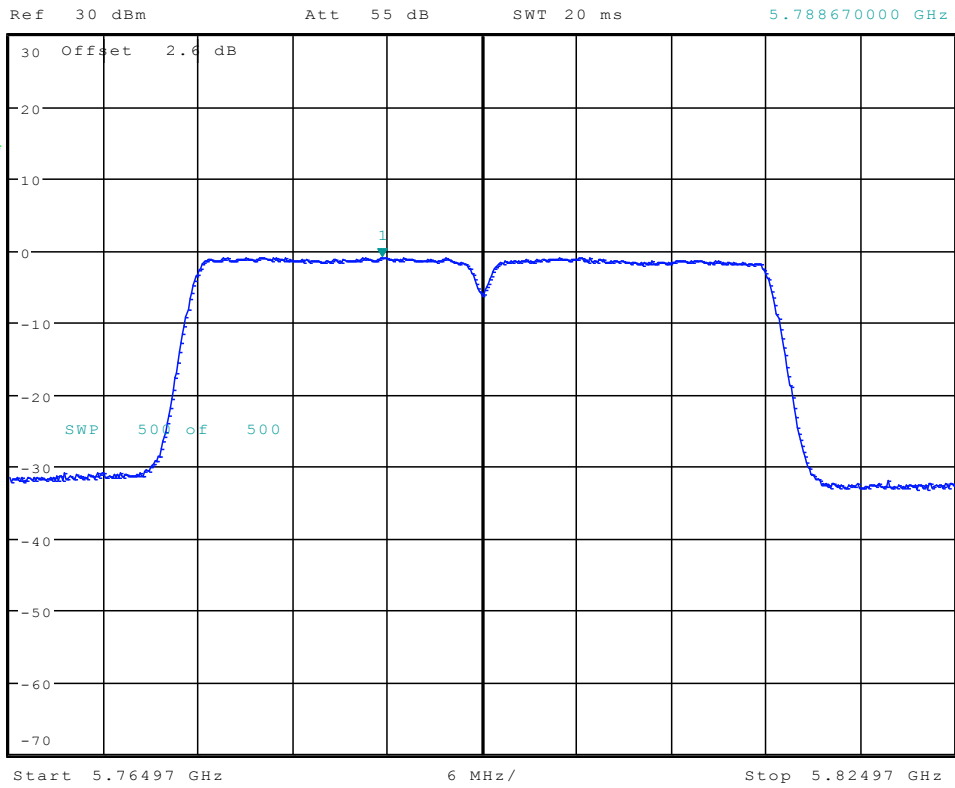
Date: 9.AUG.2017 16:21:12



### 11.161 11AC40MIMO\_159 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -0.92 dBm  
 SWT 20 ms      5.788670000 GHz



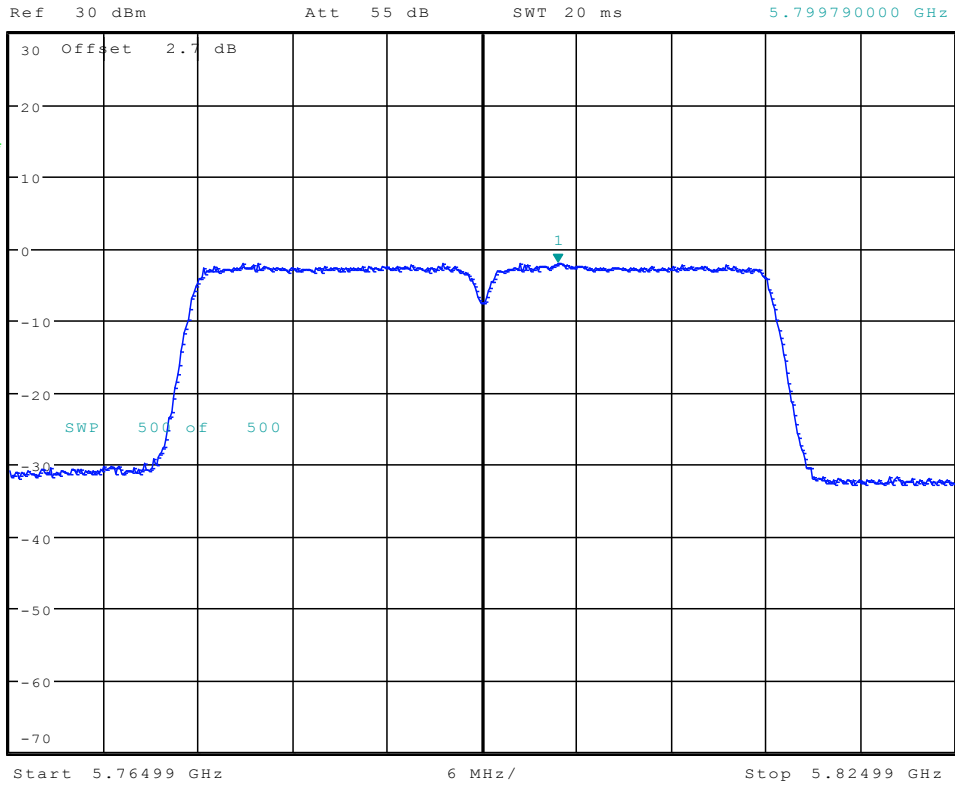
Date: 10.AUG.2017 09:14:03



### 11.162 11AC40MIMO\_159 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -2.02 dBm  
 SWT 20 ms      5.799790000 GHz



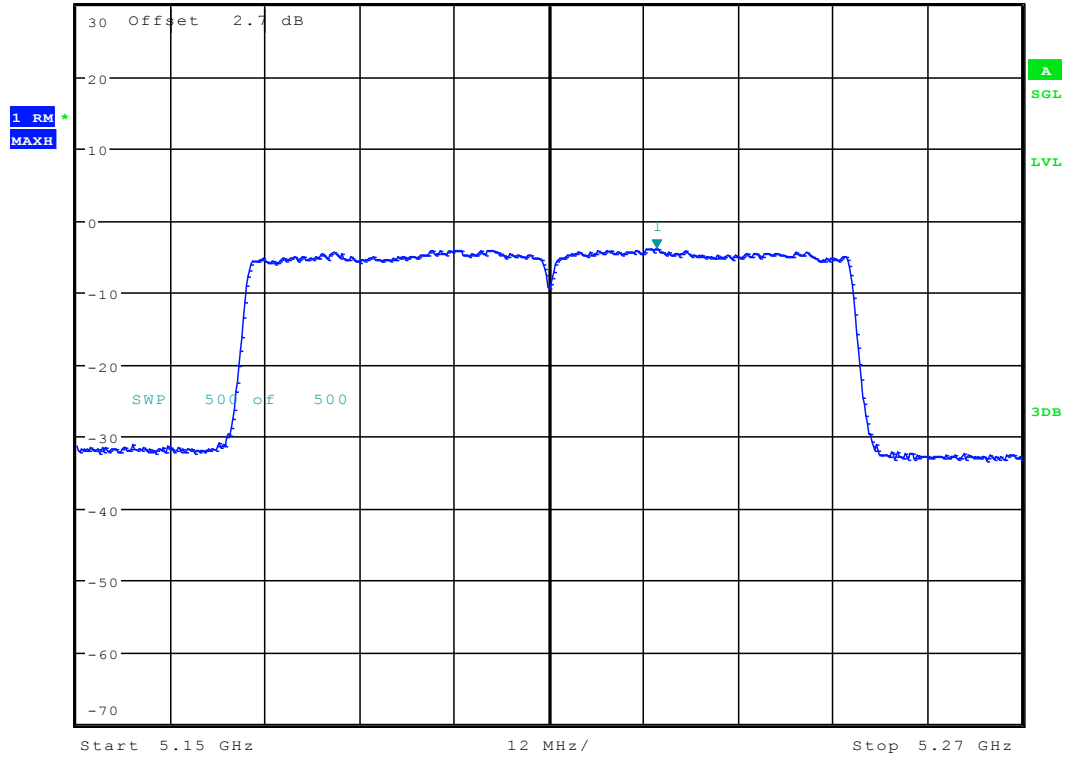
Date: 9.AUG.2017 15:48:13



### 11.163 11AC80\_42 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -3.83 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.223600000 GHz



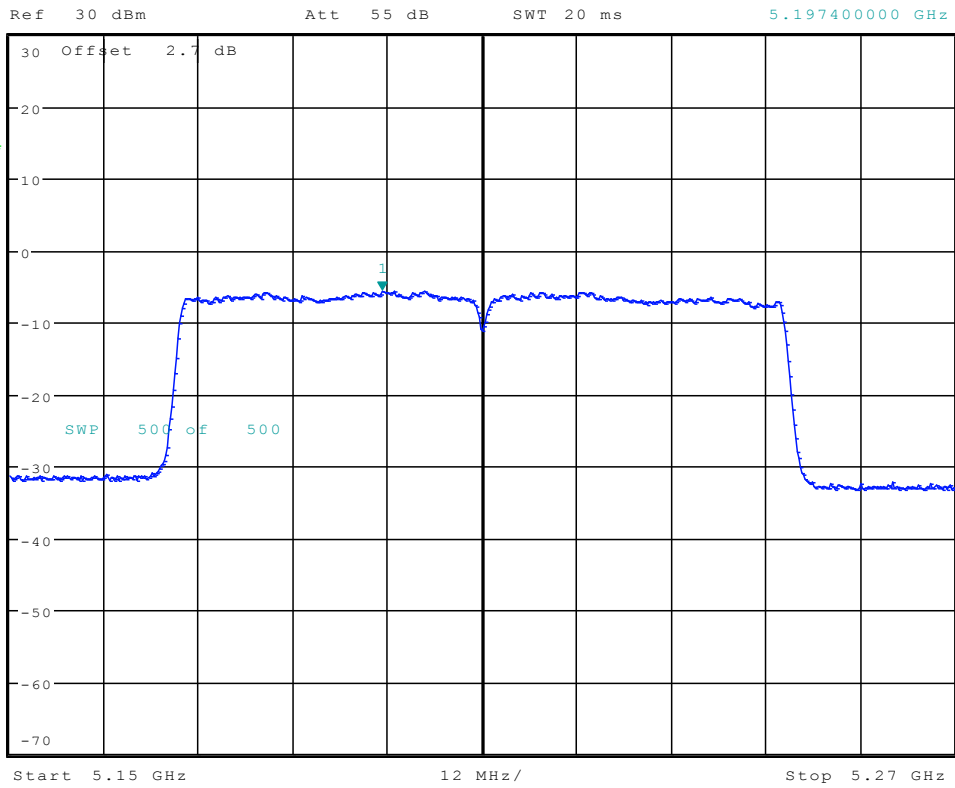
Date: 7.AUG.2017 11:09:07



### 11.164 11AC80\_42 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -5.55 dBm  
 SWT 20 ms      5.197400000 GHz



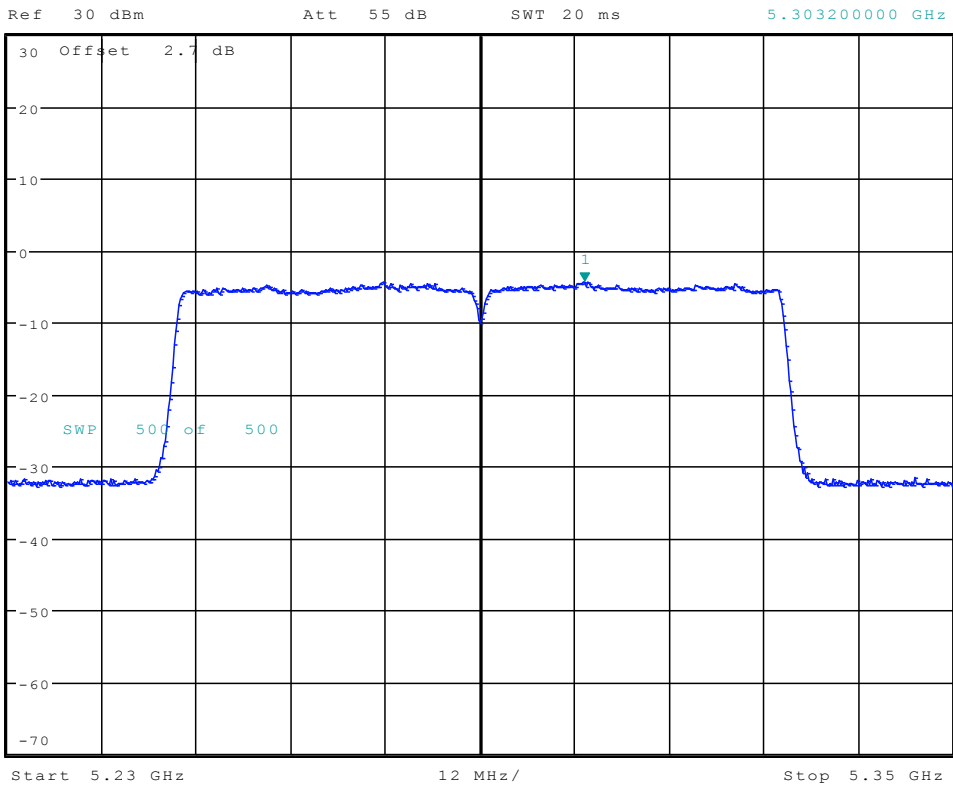
Date: 7.AUG.2017 16:25:40



### 11.165 11AC80\_58 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -4.29 dBm  
 SWT 20 ms      5.303200000 GHz



Date: 7.AUG.2017 11:12:58

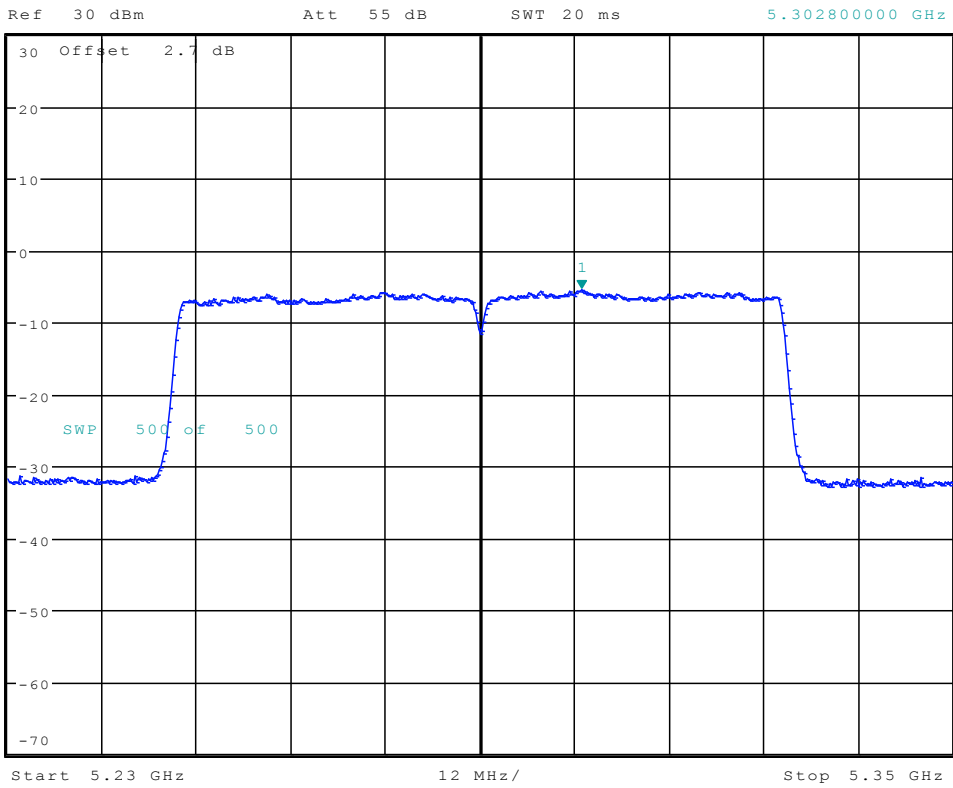




### 11.166 11AC80\_58 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -5.47 dBm  
 SWT 20 ms      5.302800000 GHz



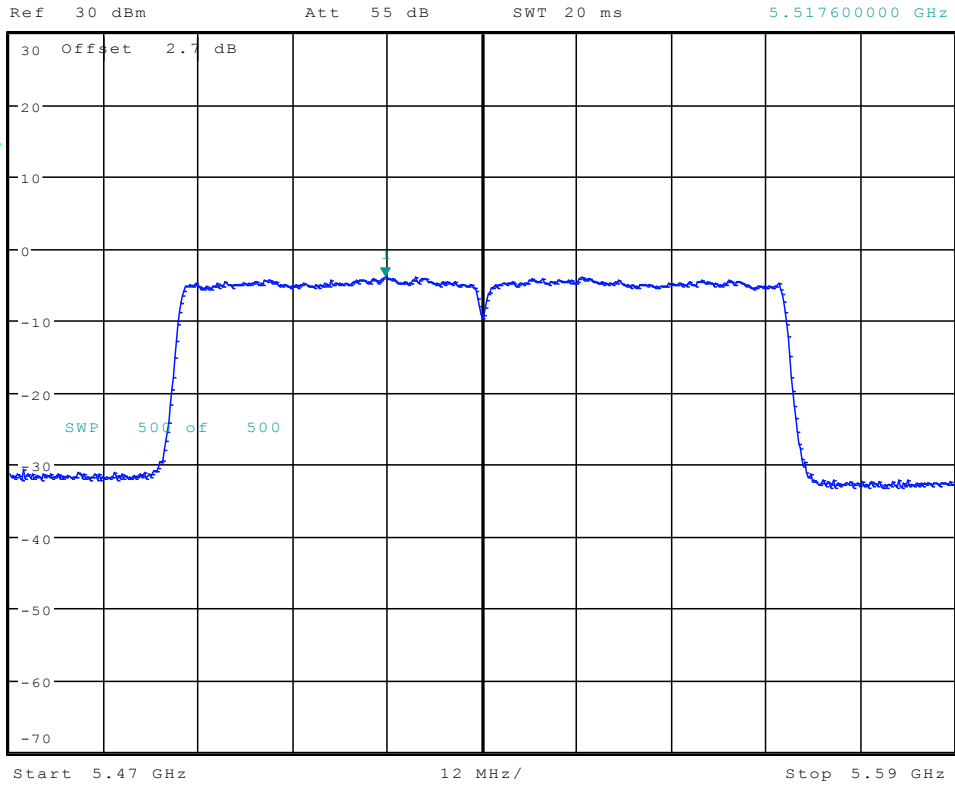
Date: 7.AUG.2017 16:28:41



### 11.167 11AC80\_106 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -3.85 dBm  
 SWT 20 ms      5.517600000 GHz

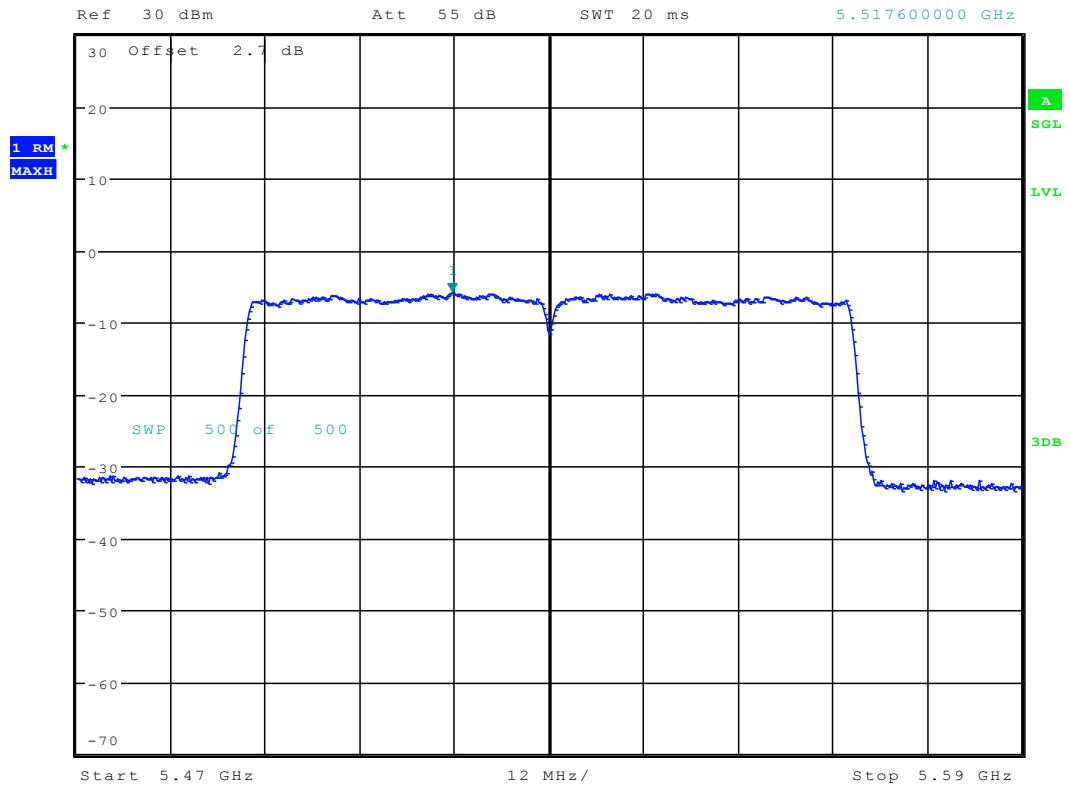


Date: 7.AUG.2017 11:16:49

## 11.168 11AC80\_106 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -5.78 dBm  
SWT 20 ms      5.517600000 GHz



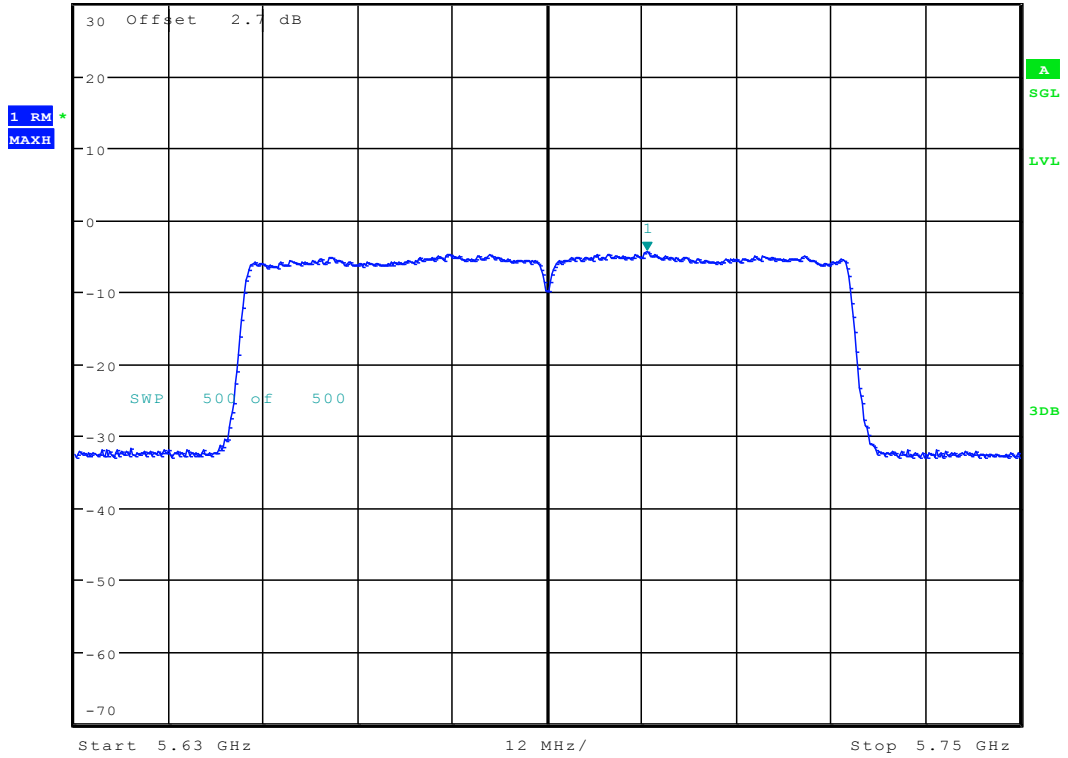
Date: 7.AUG.2017 16:31:56



### 11.169 11AC80\_138 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -4.37 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.702600000 GHz



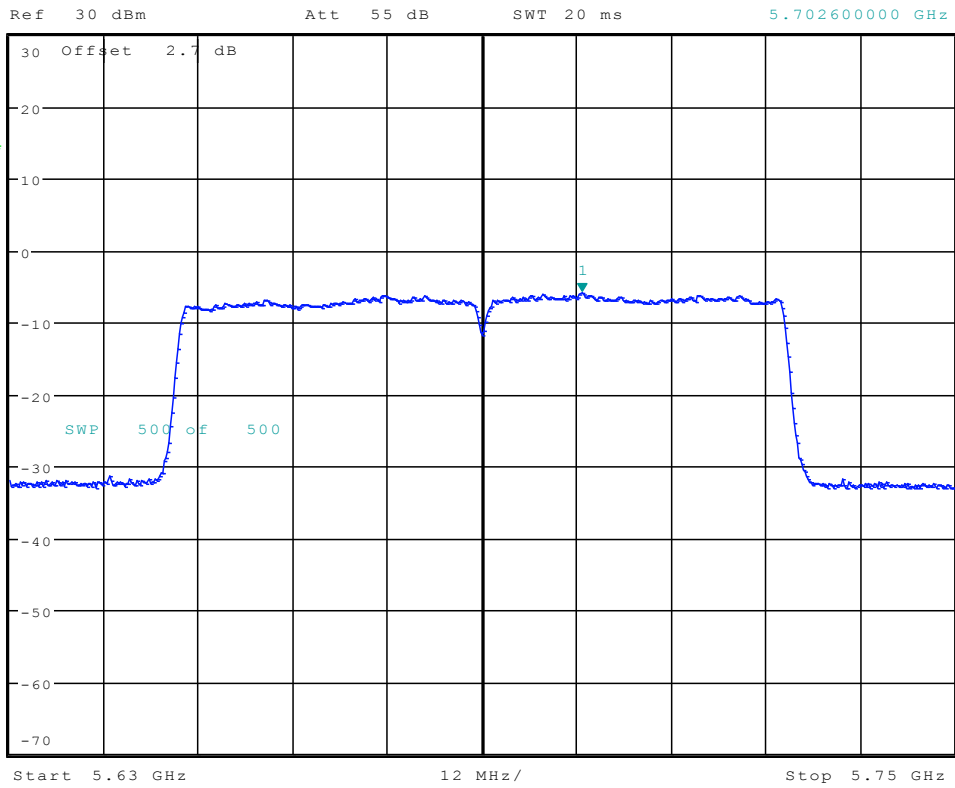
Date: 16.SEP.2017 10:12:26



### 11.170 11AC80\_138 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -5.87 dBm  
SWT 20 ms      5.702600000 GHz



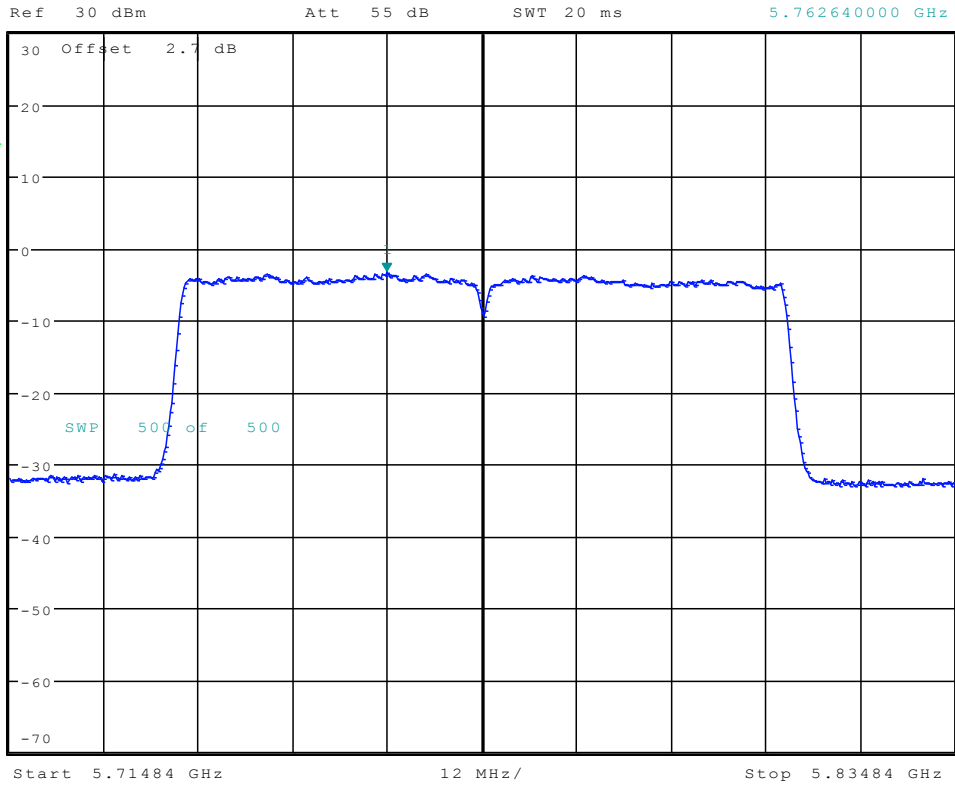
Date: 16.SEP.2017 10:20:58



### 11.171 11AC80\_155 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -3.39 dBm  
 SWT 20 ms      5.762640000 GHz



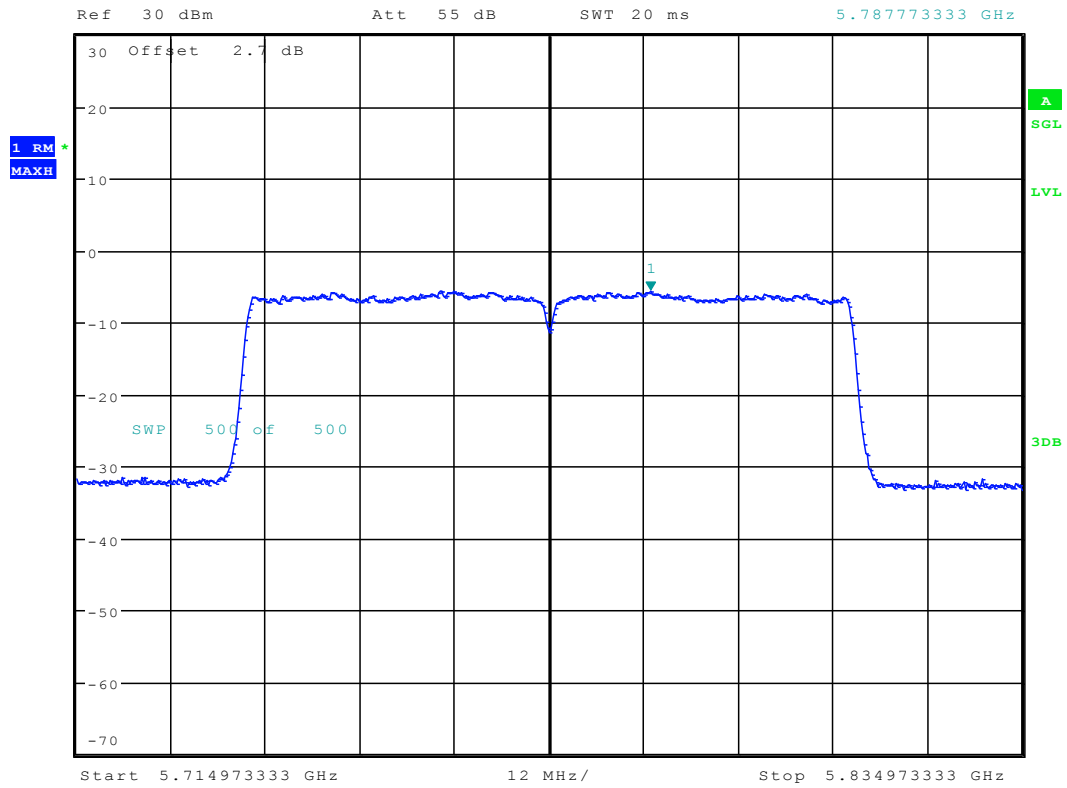
Date: 7.AUG.2017 11:21:56



### 11.172 11AC80\_155 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      -5.64 dBm  
SWT 20 ms      5.787773333 GHz



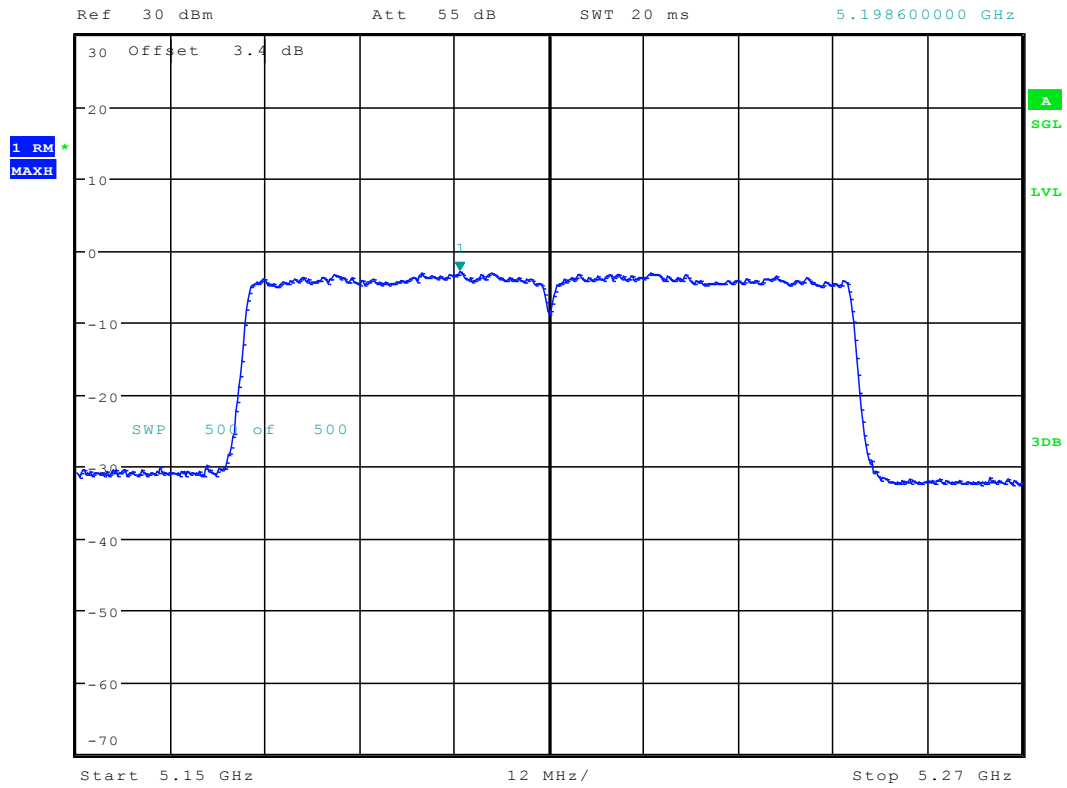
Date: 7.AUG.2017 16:36:09



### 11.173 11AC80MIMO\_42 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -2.95 dBm  
SWT 20 ms      5.198600000 GHz



Date: 9.AUG.2017 18:48:20

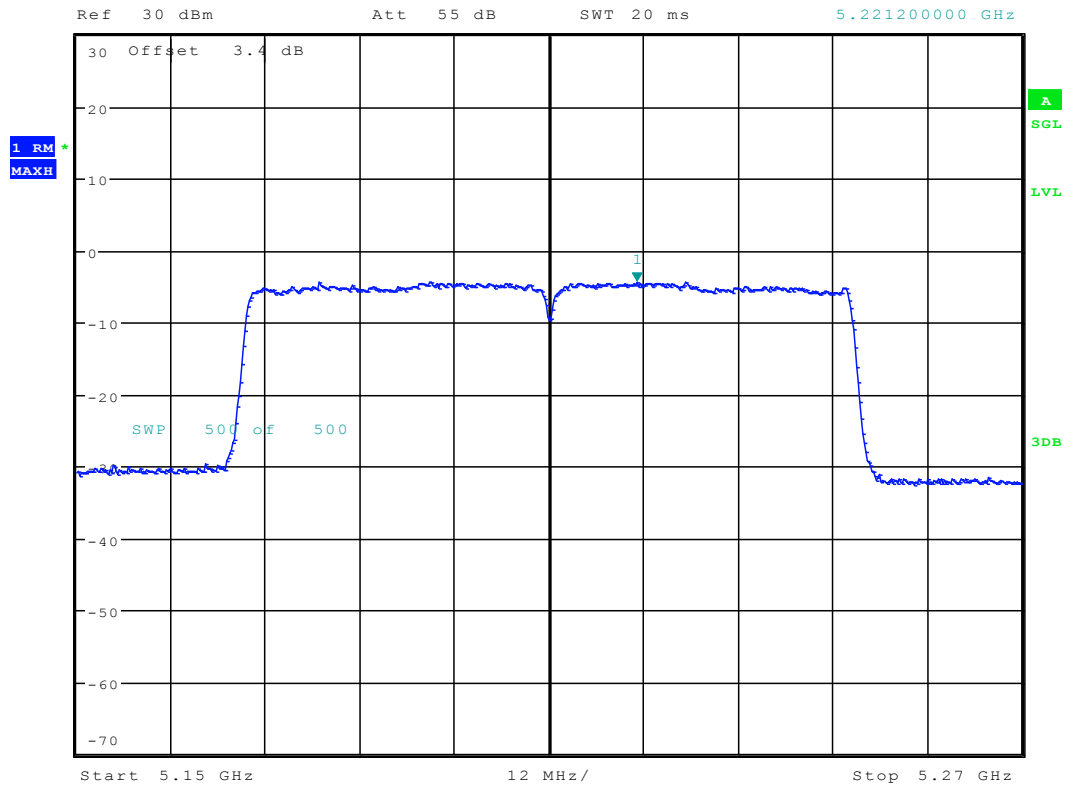




### 11.174 11AC80MIMO\_42 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -4.26 dBm  
SWT 20 ms      5.221200000 GHz



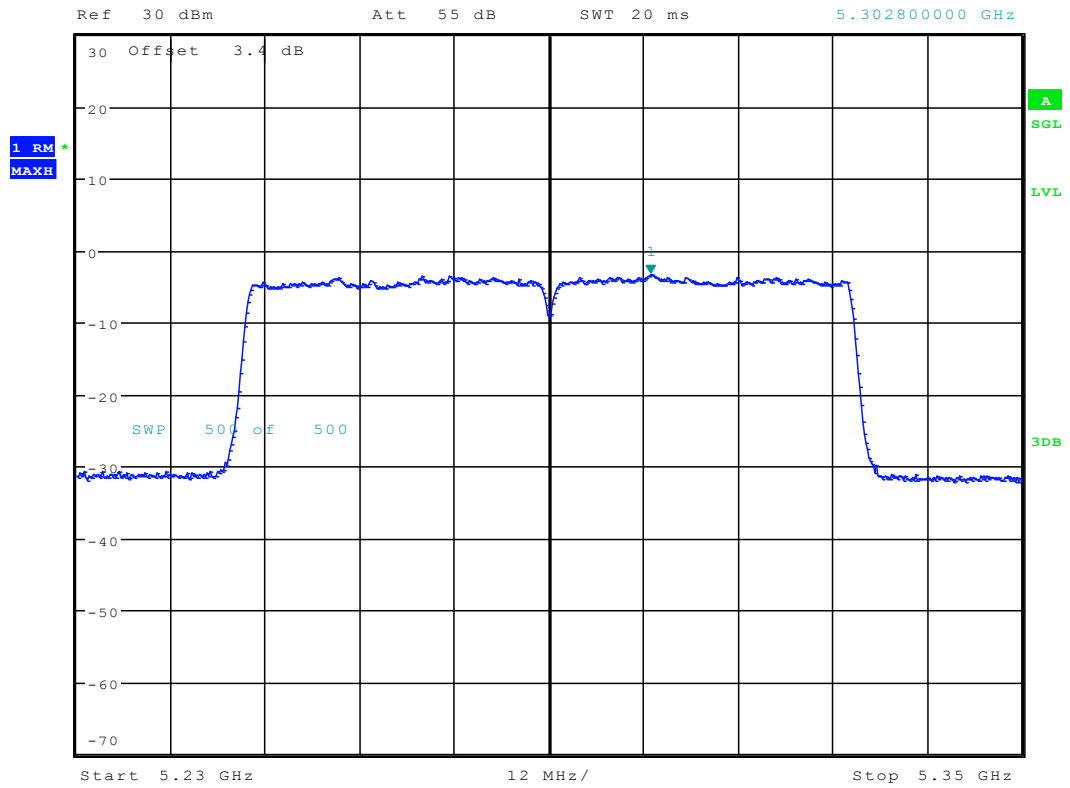
Date: 9.AUG.2017 16:34:31



### 11.175 11AC80MIMO\_58 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -3.35 dBm  
SWT 20 ms      5.302800000 GHz



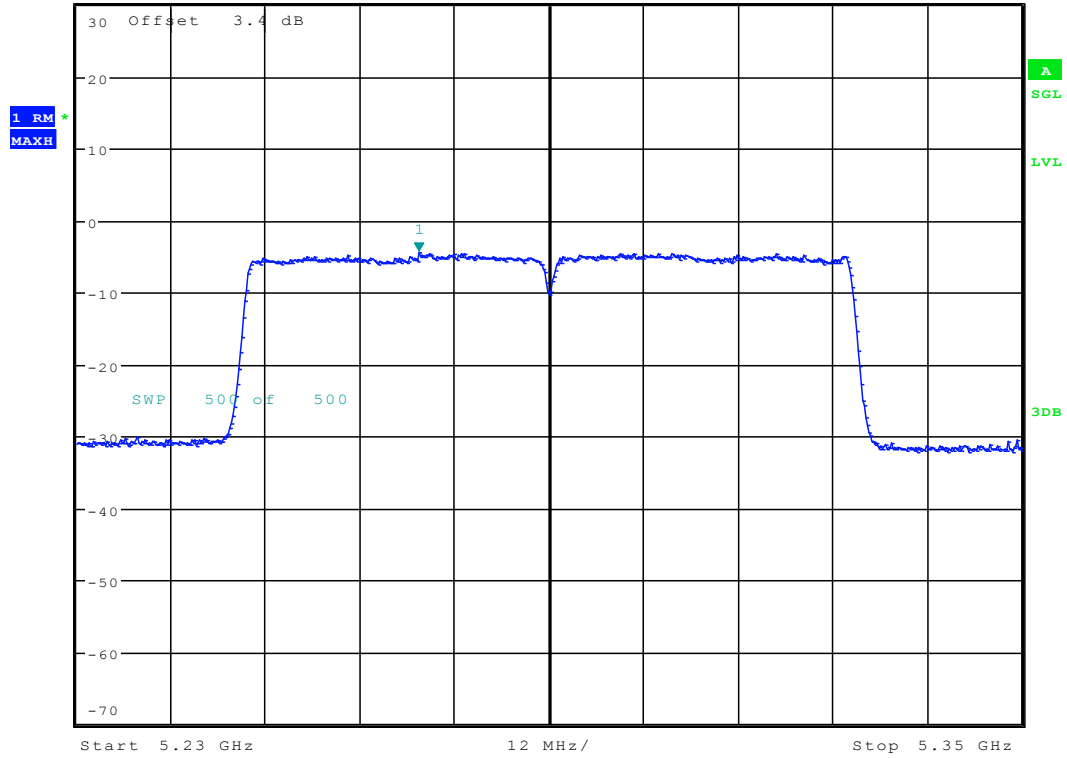
Date: 9.AUG.2017 18:51:08



### 11.176 11AC80MIMO\_58 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 3 MHz      -4.45 dBm  
 Ref 30 dBm      Att 55 dB      SWT 20 ms      5.273400000 GHz

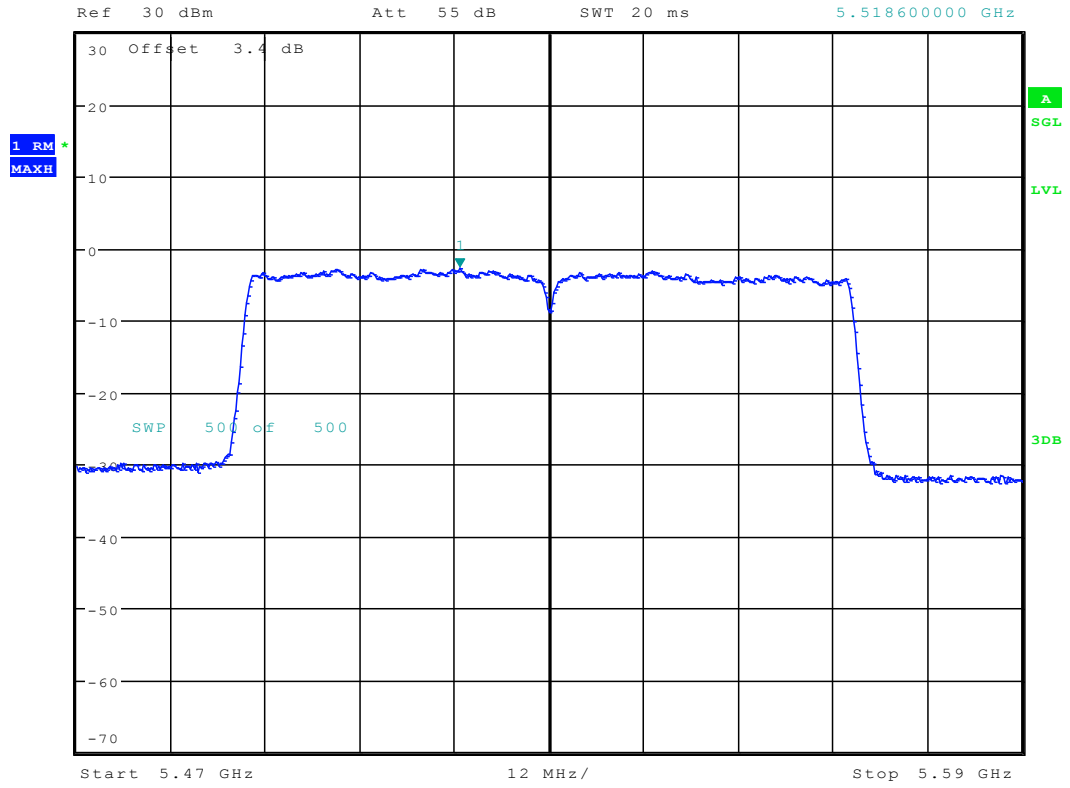


Date: 9.AUG.2017 16:37:33

### 11.177 11AC80MIMO\_106 ANT 1



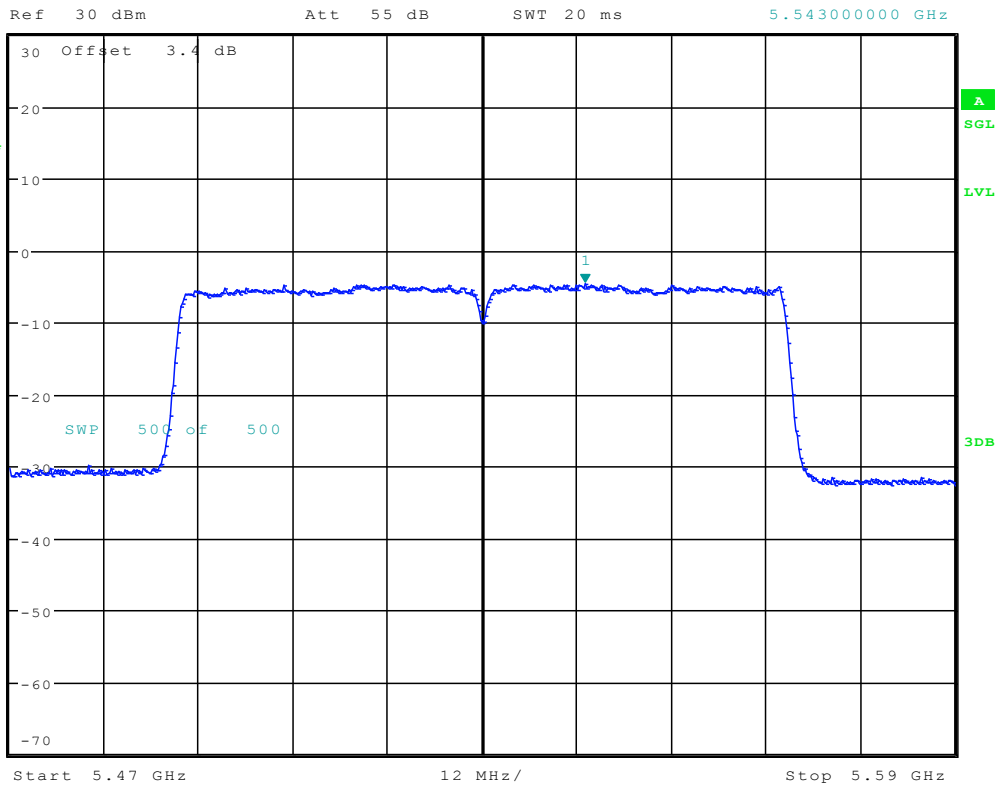
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -2.74 dBm  
SWT 20 ms      5.518600000 GHz



Date: 9.AUG.2017 18:53:53

**11.178 11AC80MIMO\_106 ANT 2**

\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -4.63 dBm  
SWT 20 ms      5.543000000 GHz

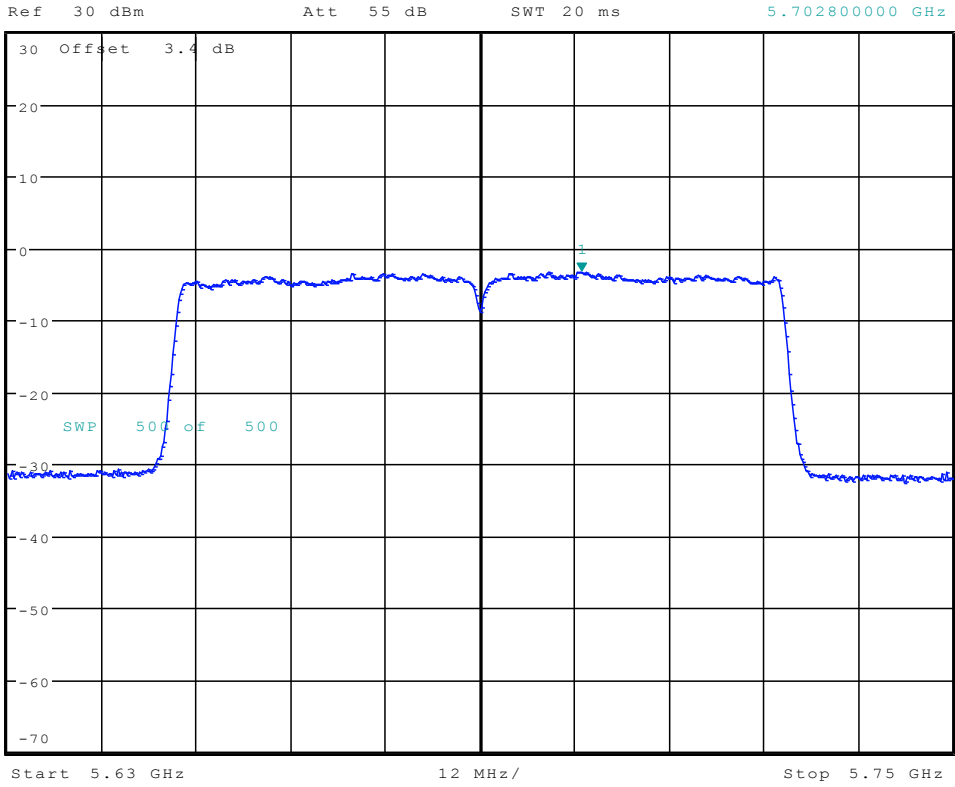


Date: 9.AUG.2017 16:40:41

**11.179 11AC80MIMO\_138 ANT 1**



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -3.26 dBm  
SWT 20 ms      5.702800000 GHz



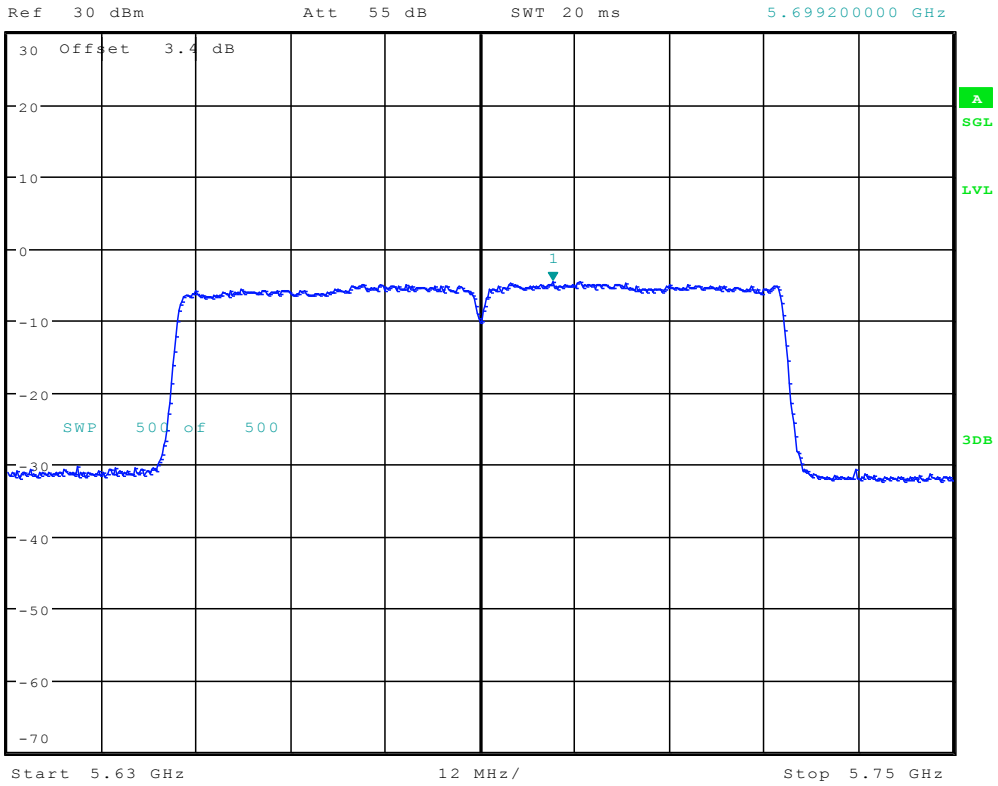
Date: 16.SEP.2017 11:11:51



### 11.180 11AC80MIMO\_138 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -4.45 dBm  
SWT 20 ms      5.699200000 GHz



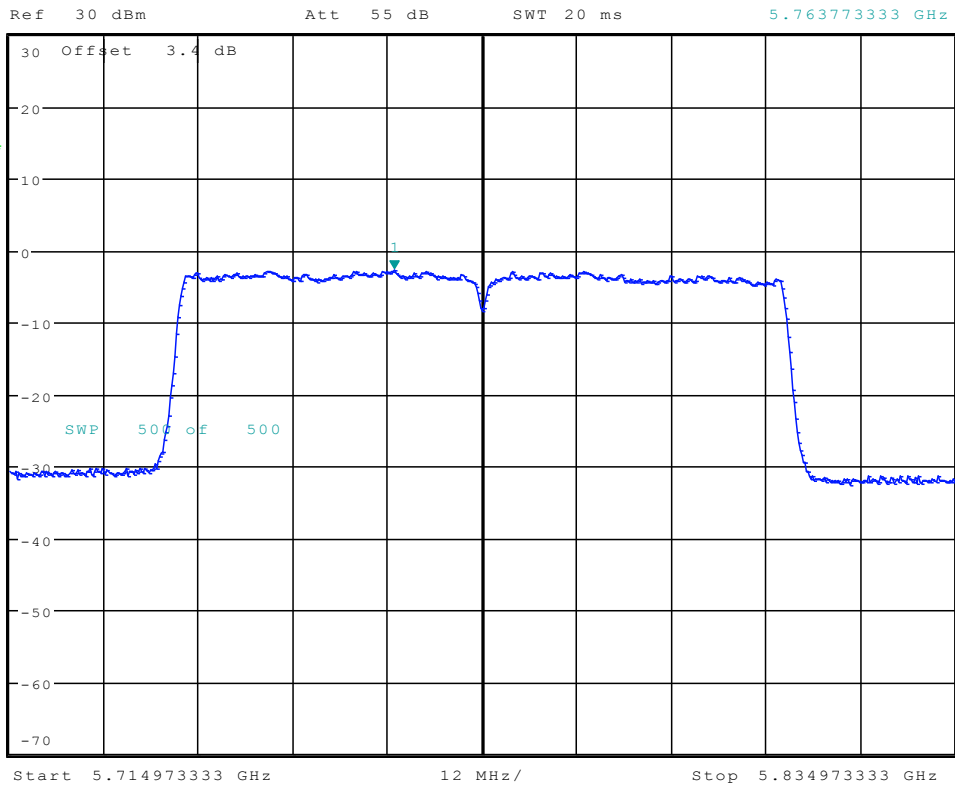
Date: 16.SEP.2017 11:48:19



### 11.181 11AC80MIMO\_155 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -2.73 dBm  
 SWT 20 ms      5.763773333 GHz



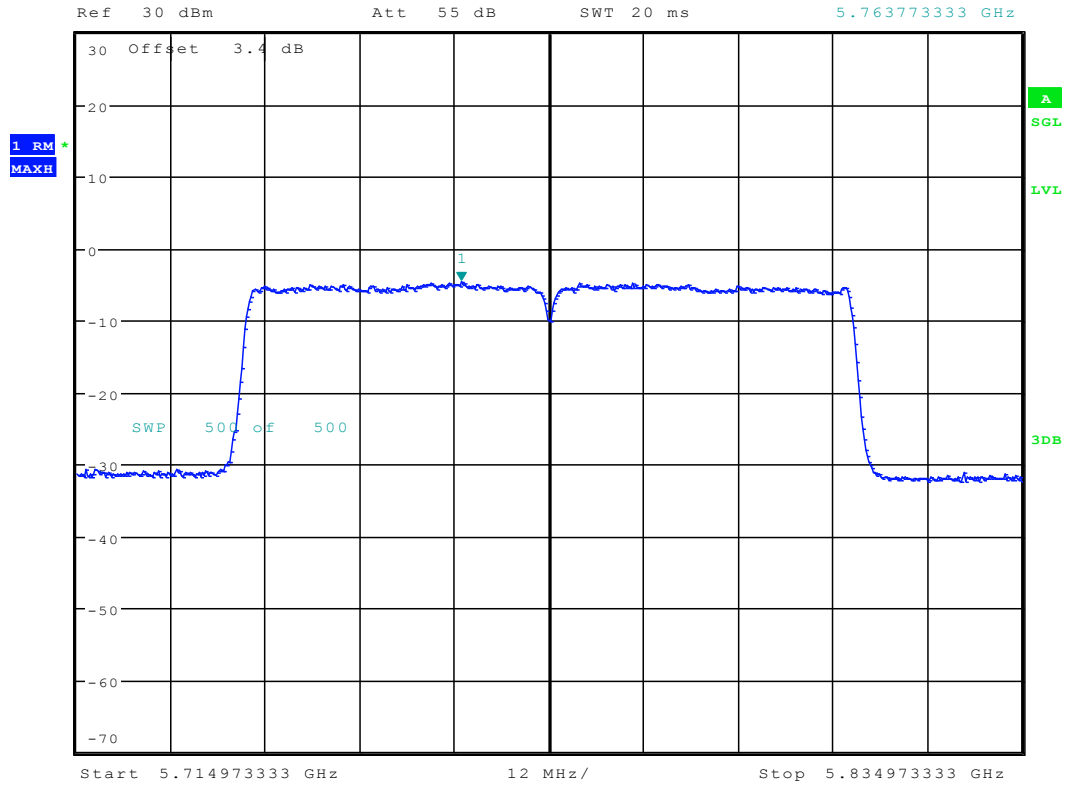
Date: 9.AUG.2017 18:57:21



### 11.182 11AC80MIMO\_155 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      -4.62 dBm  
SWT 20 ms      5.763773333 GHz



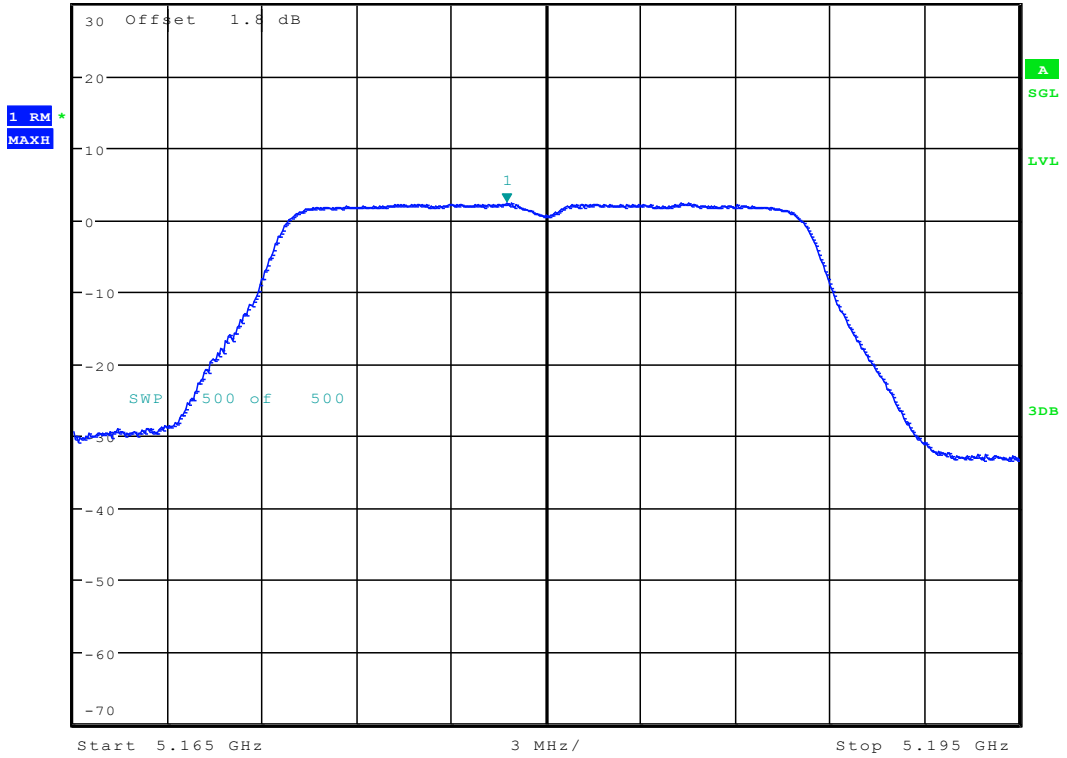
Date: 9.AUG.2017 16:44:15



### 11.183 11A-CDD\_36 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.37 dBm  
Ref 30 dBm      Att 55 dB      SWT 20 ms      5.178750000 GHz



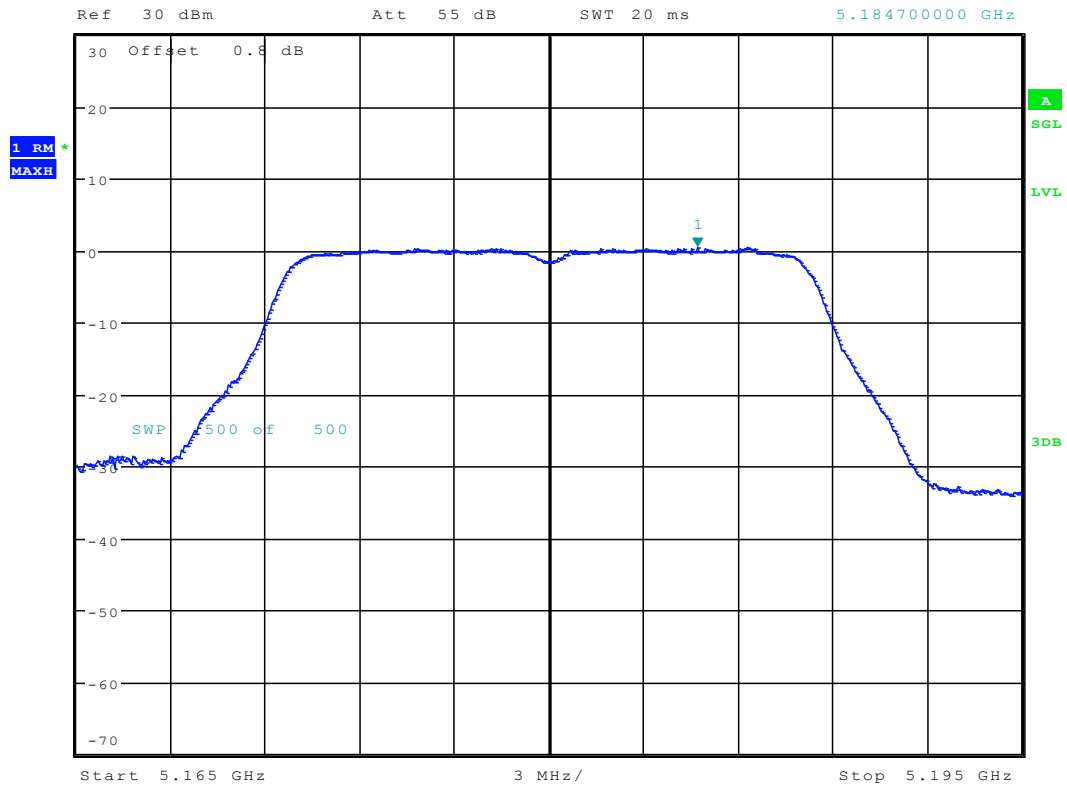
Date: 9.AUG.2017 11:06:10



### 11.184 11A-CDD\_36 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      0.43 dBm  
SWT 20 ms      5.184700000 GHz



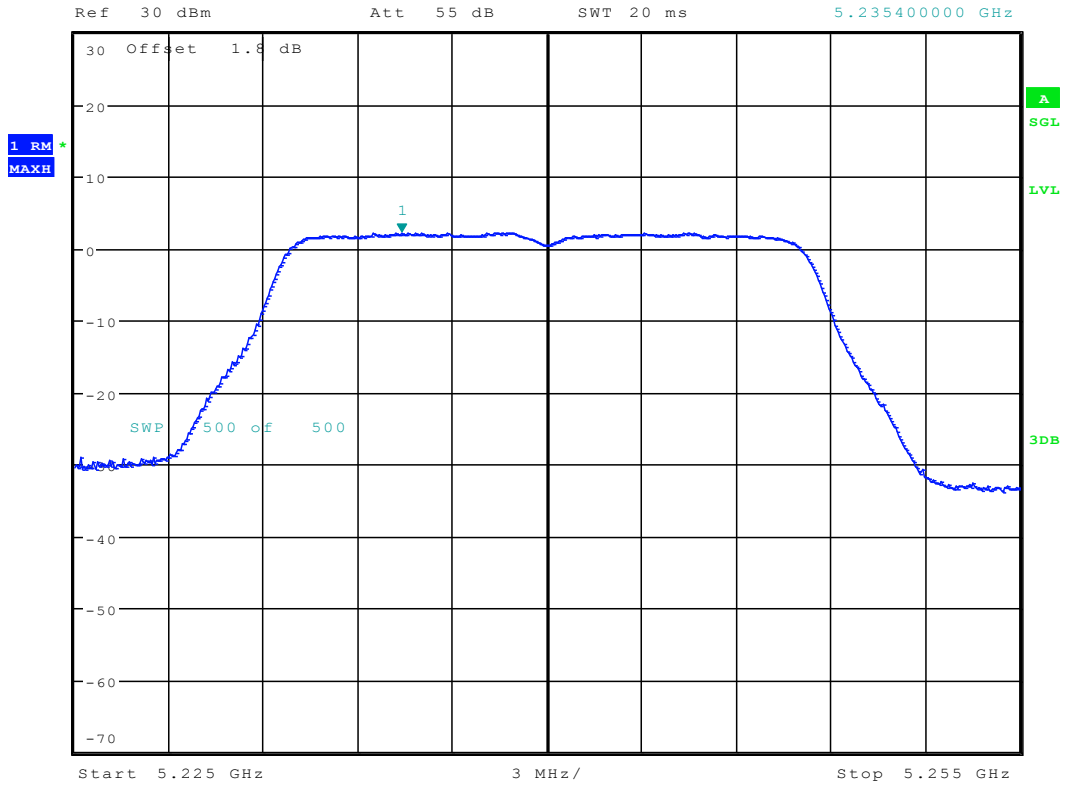
Date: 9.AUG.2017 11:51:24



11.185 11A-CDD\_48 ANT 1



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms  
Marker 1 [T1 ]  
2.23 dBm  
5.235400000 GHz



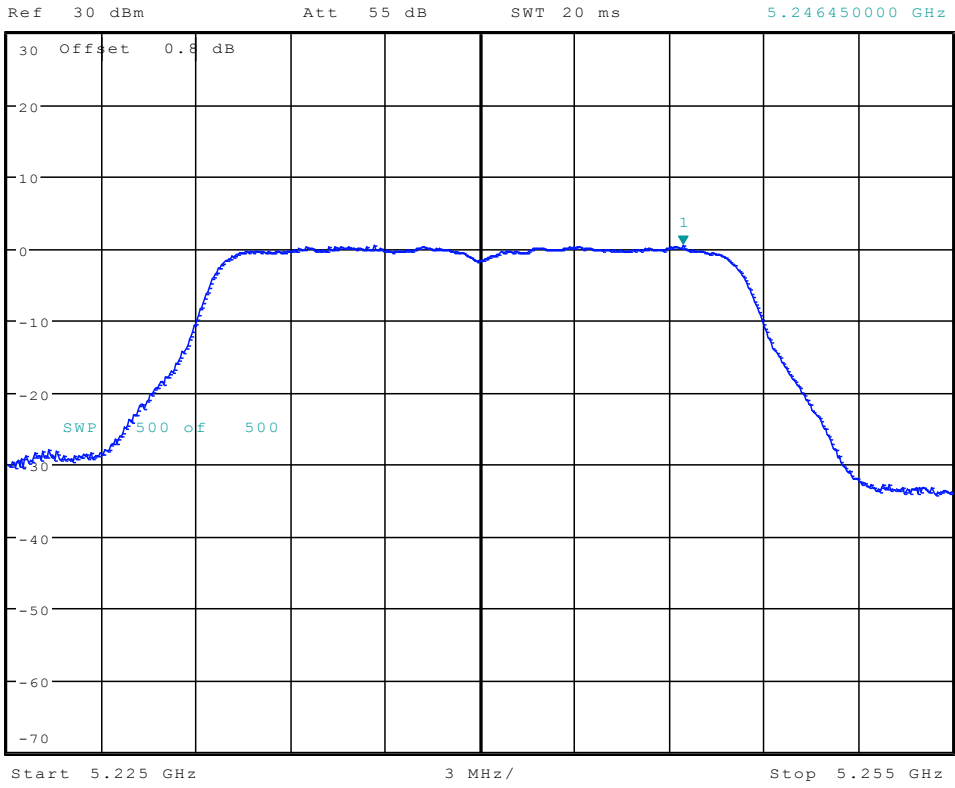
Date: 9.AUG.2017 11:09:53



### 11.186 11A-CDD\_48 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      0.52 dBm  
SWT 20 ms      5.246450000 GHz



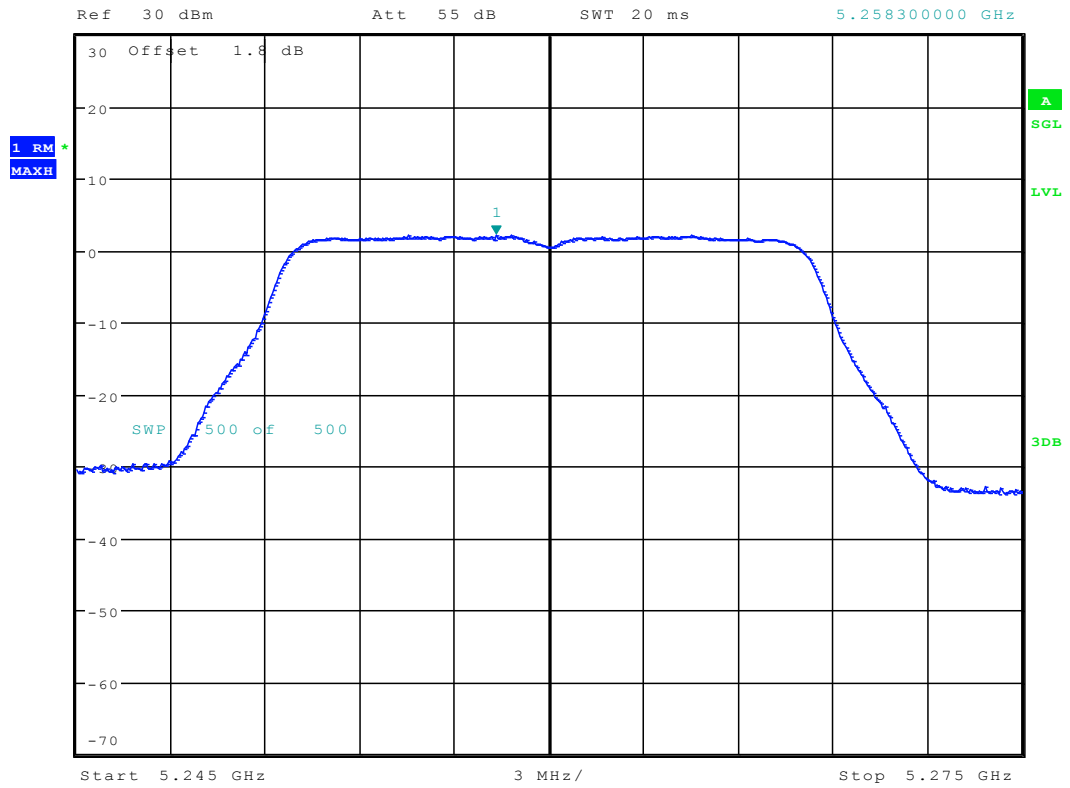
Date: 9.AUG.2017 11:54:03



### 11.187 11A-CDD\_52 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.09 dBm  
SWT 20 ms      5.258300000 GHz



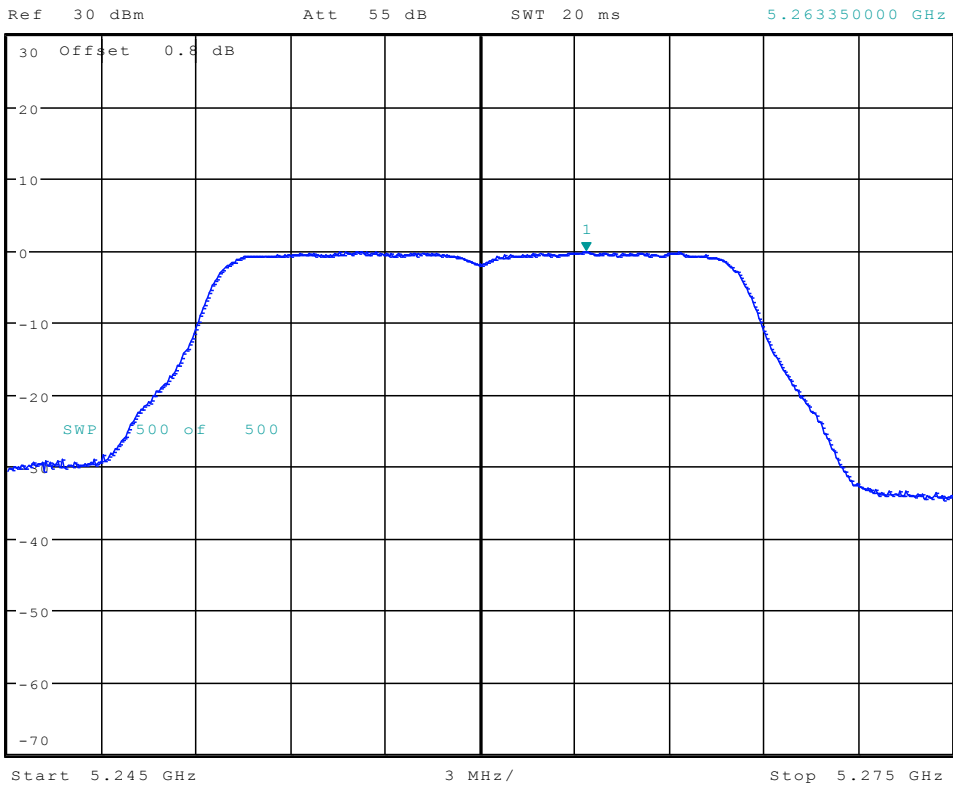
Date: 9.AUG.2017 11:23:10



### 11.188 11A-CDD\_52 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      -0.12 dBm  
SWT 20 ms      5.263350000 GHz



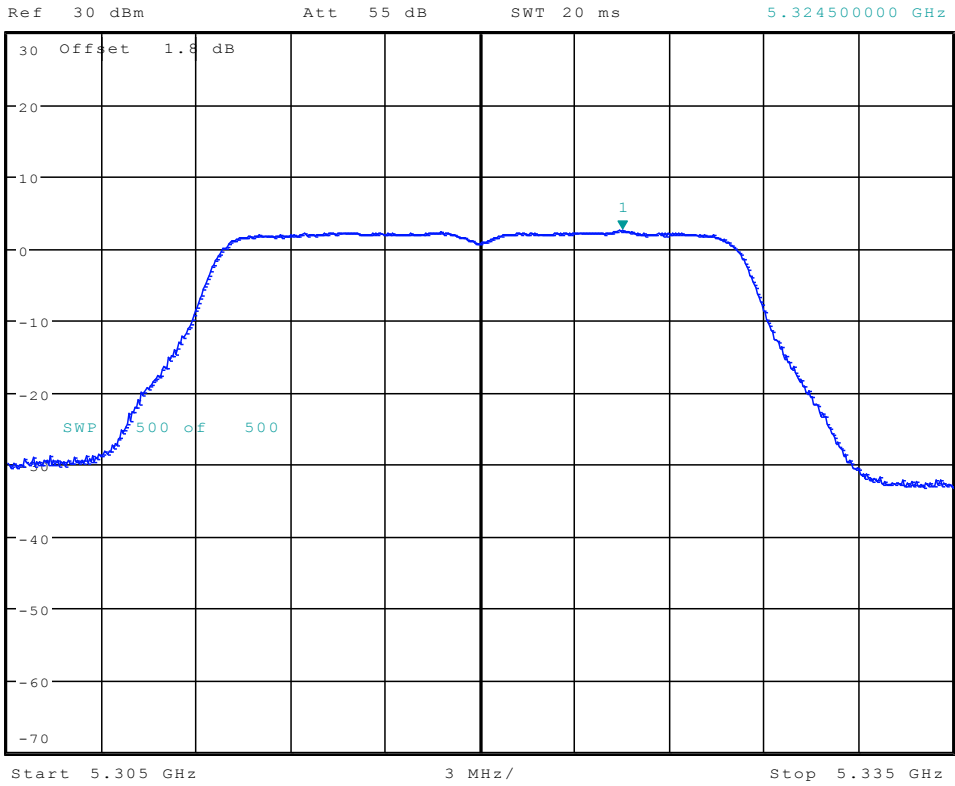
Date: 9.AUG.2017 11:57:14



11.189 11A-CDD\_64 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.52 dBm  
SWT 20 ms      5.324500000 GHz



Date: 9.AUG.2017 11:26:05

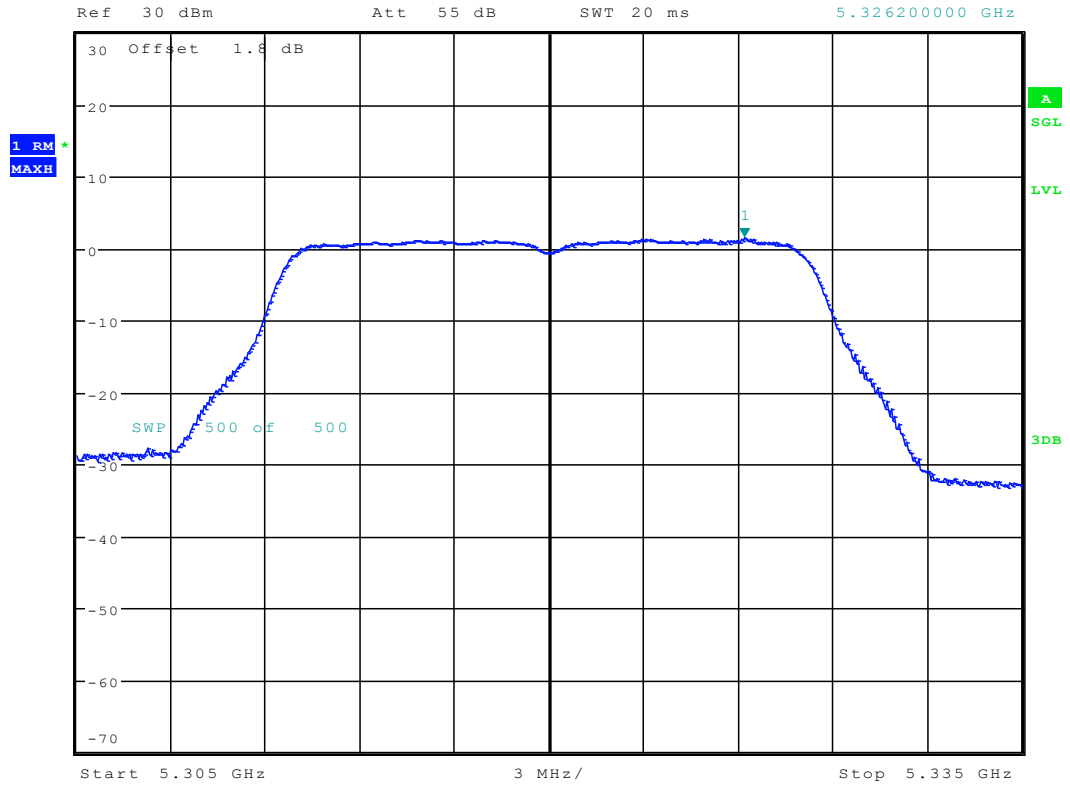


## 11.190 11A-CDD\_64 ANT 2



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
1.50 dBm  
5.326200000 GHz



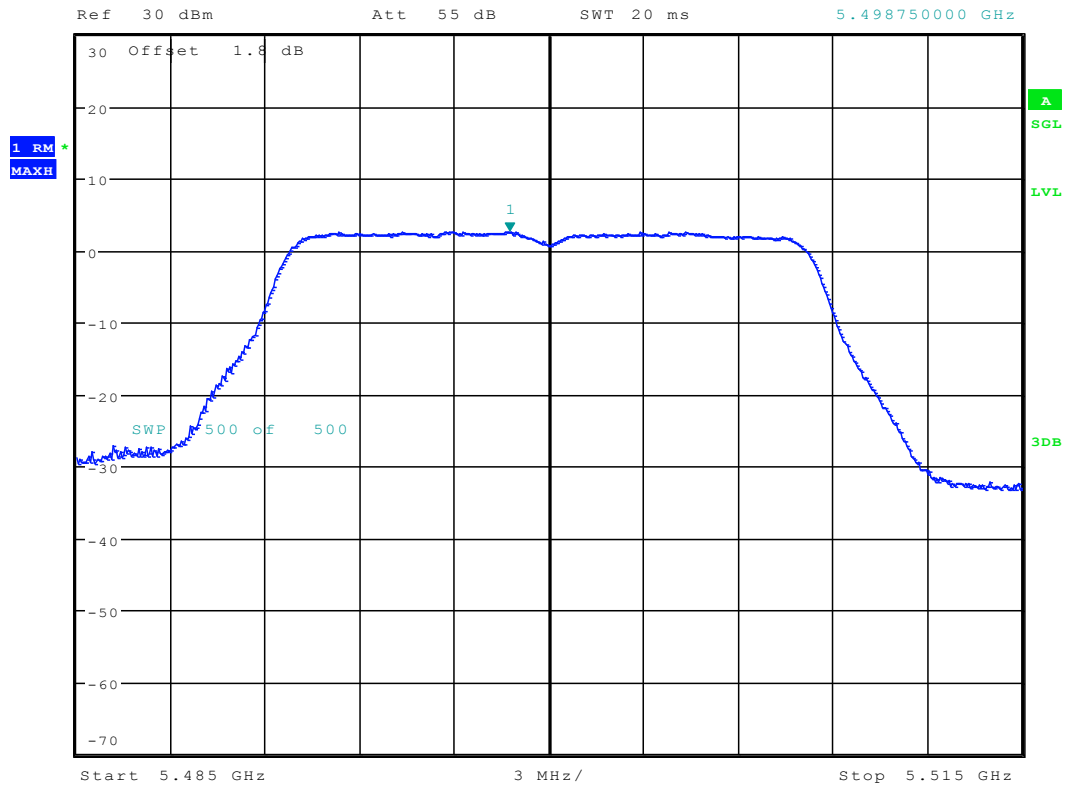
Date: 9.AUG.2017 13:37:52



### 11.191 11A-CDD\_100 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.60 dBm  
SWT 20 ms      5.498750000 GHz

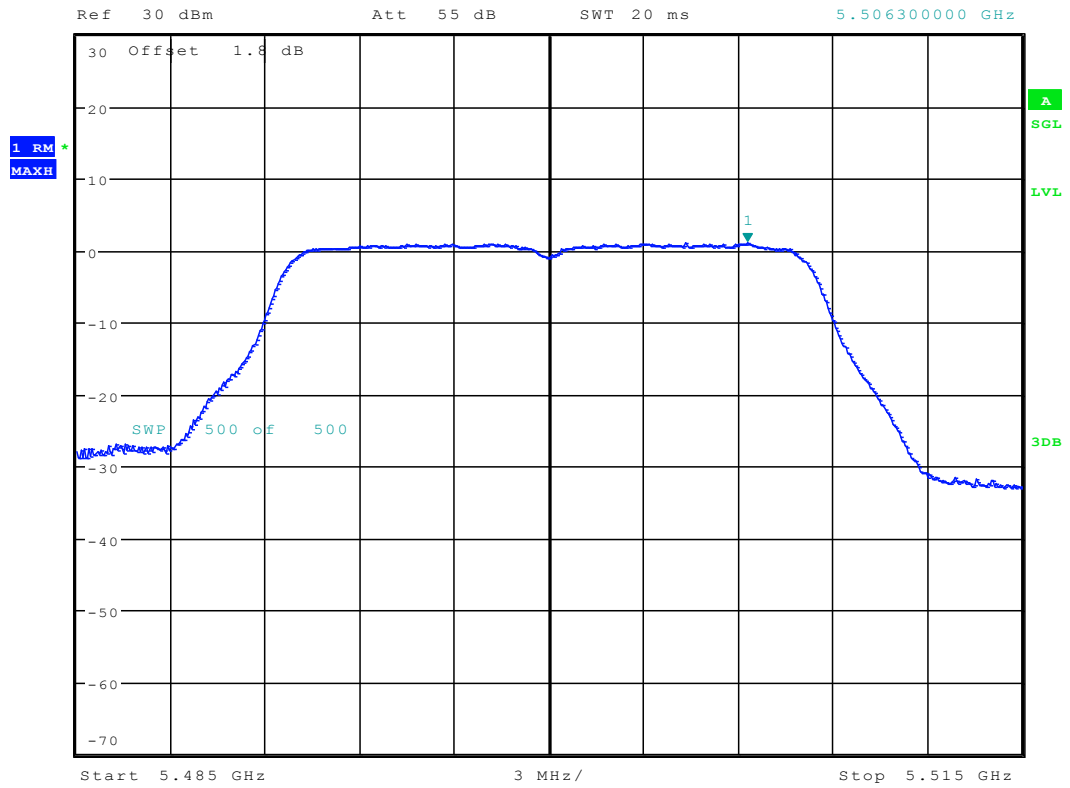


Date: 9.AUG.2017 11:29:20

### 11.192 11A-CDD\_100 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      1.17 dBm  
SWT 20 ms      5.506300000 GHz



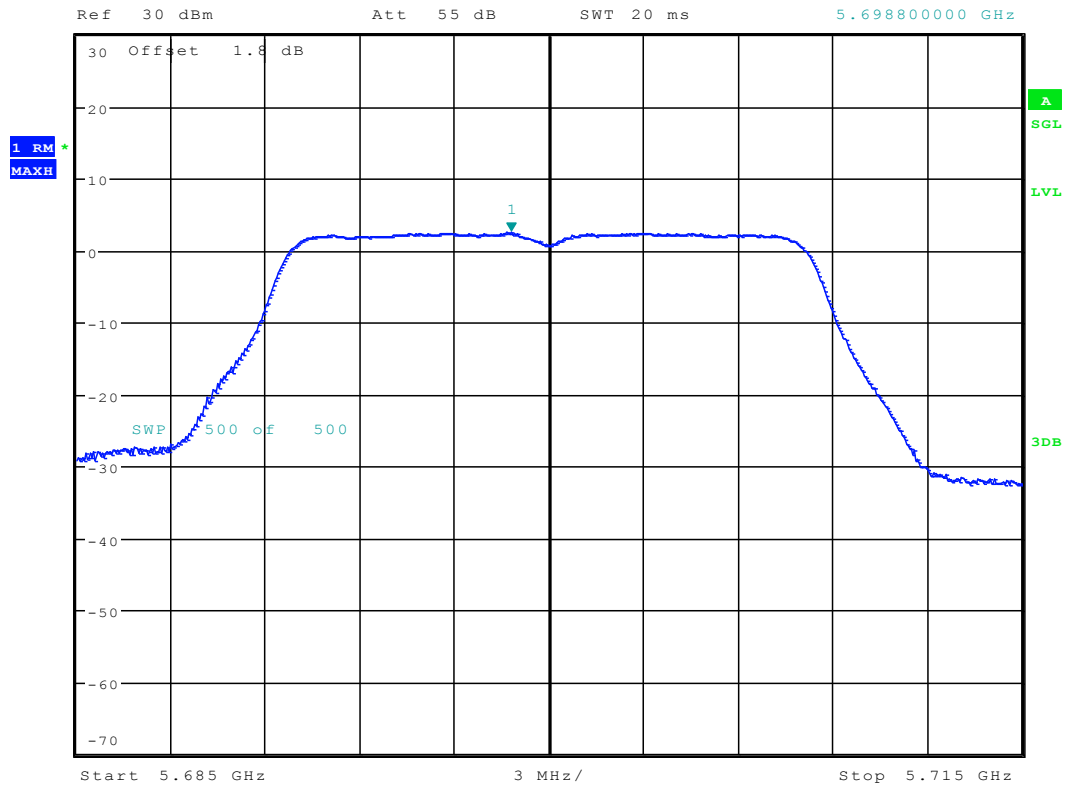
Date: 9.AUG.2017 13:41:42



### 11.193 11A-CDD\_140 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.53 dBm  
SWT 20 ms      5.698800000 GHz



Date: 9.AUG.2017 11:31:58

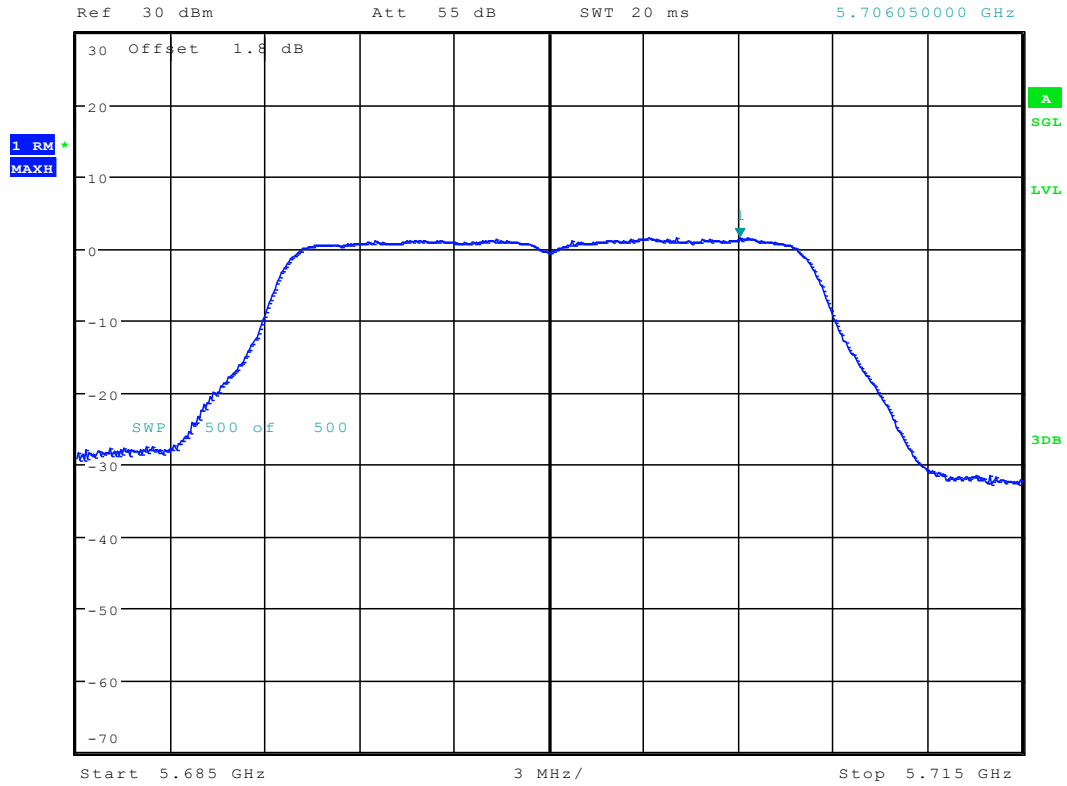


### 11.194 11A-CDD\_140 ANT 2



\*RBW 1 MHz  
\*VBW 3 MHz  
SWT 20 ms

Marker 1 [T1 ]  
1.58 dBm  
5.706050000 GHz



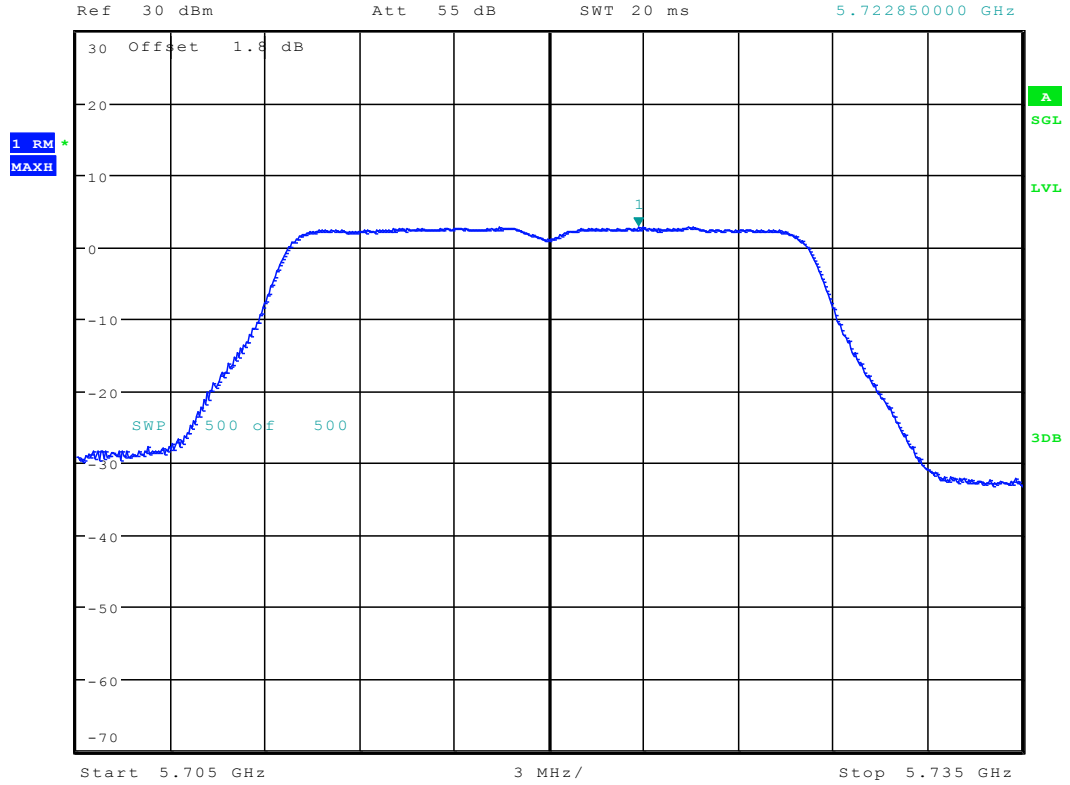
Date: 9.AUG.2017 13:44:19



### 11.195 11A-CDD\_144 ANT 1



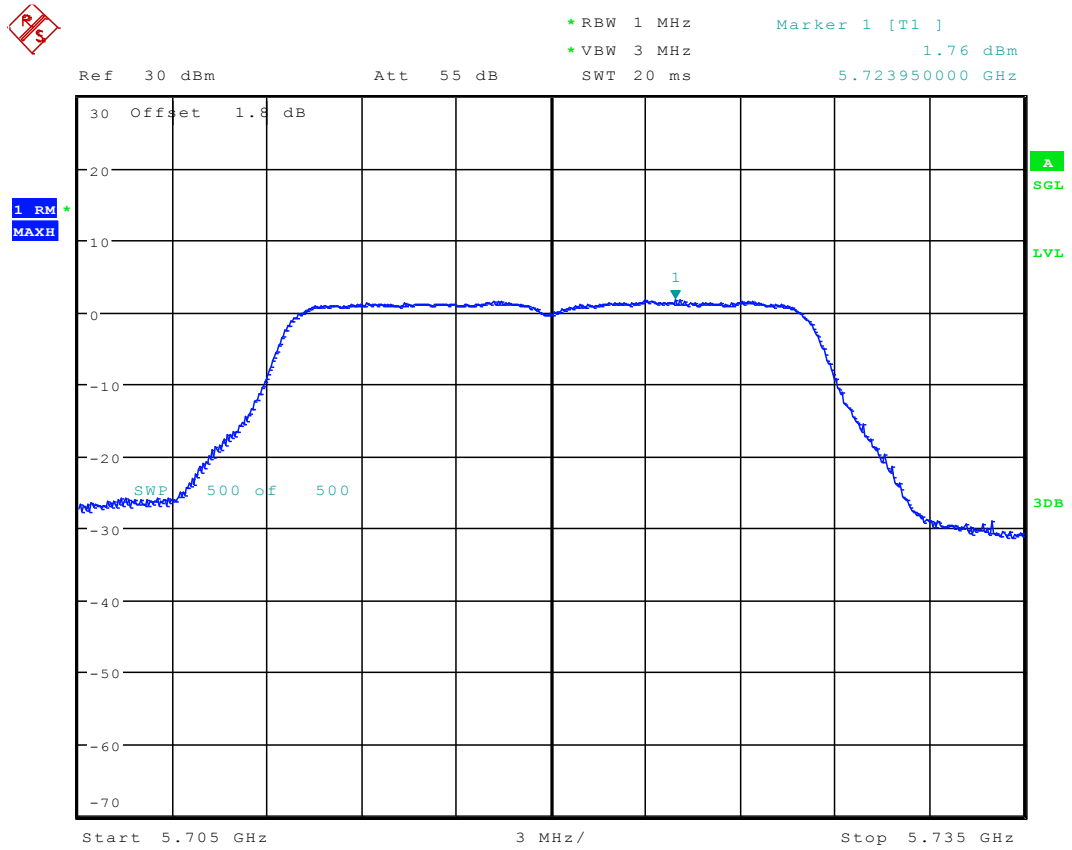
\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 3 MHz      2.86 dBm  
SWT 20 ms      5.722850000 GHz



Date: 16.SEP.2017 12:19:53



11.196 11A-CDD\_144 ANT 2



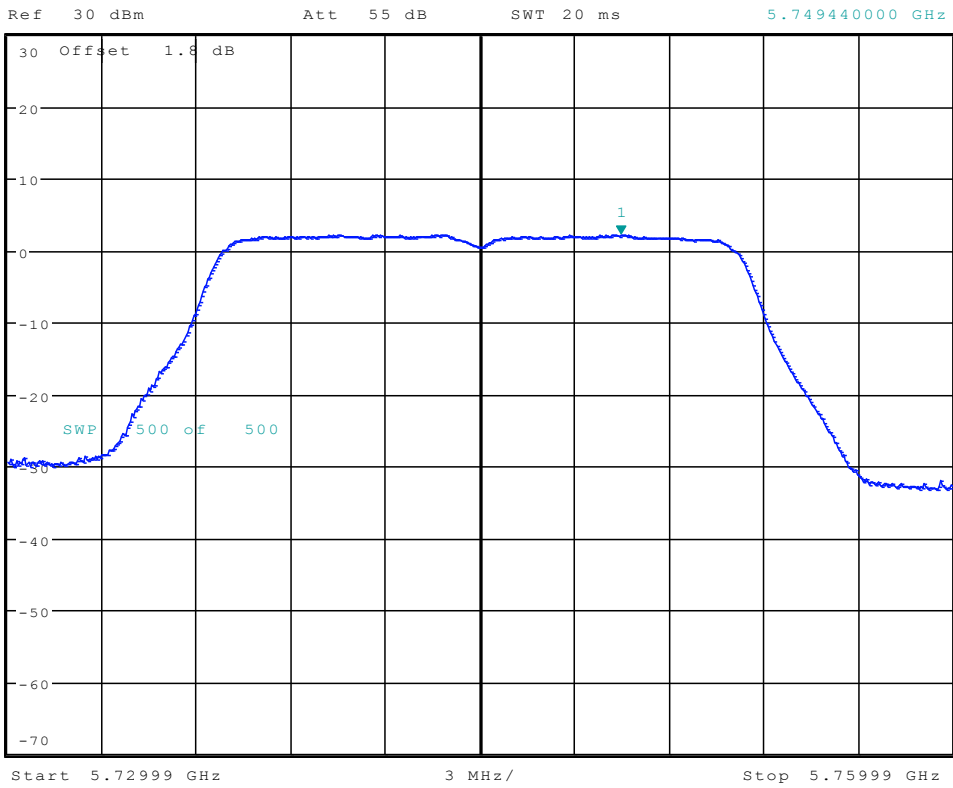
Date: 16.SEP.2017 12:17:00



### 11.197 11A-CDD\_149 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      2.23 dBm  
SWT 20 ms      5.749440000 GHz



Date: 9.AUG.2017 11:36:15

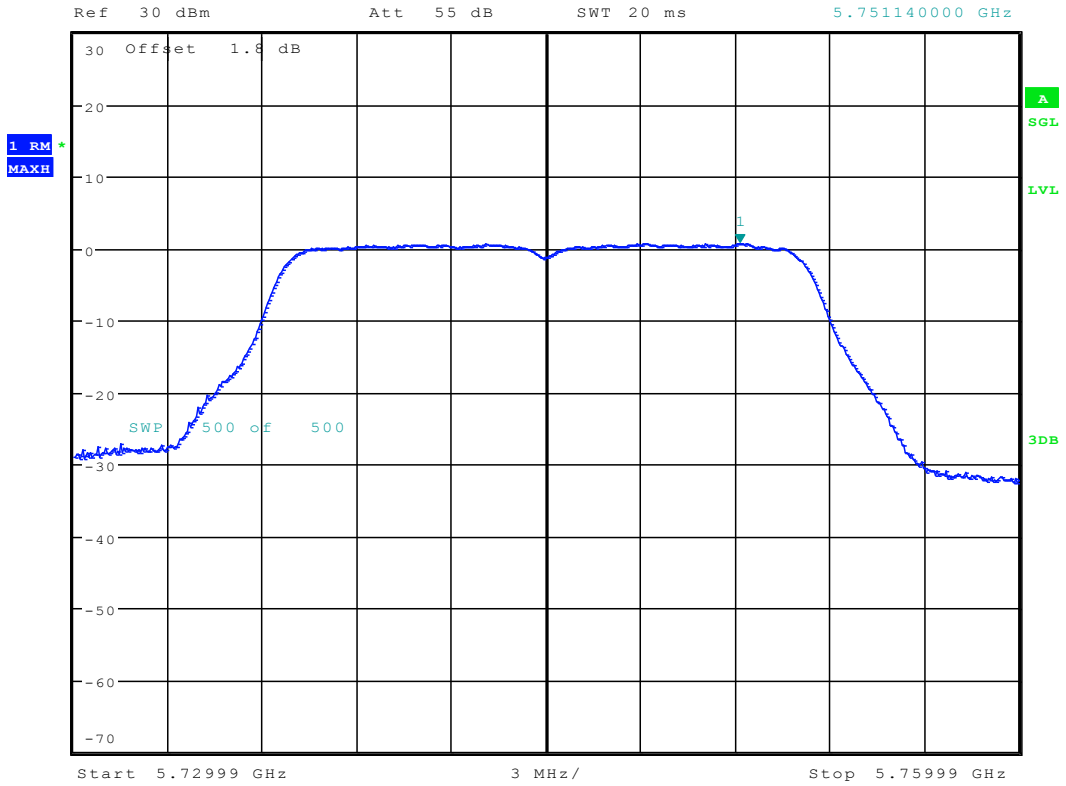




### 11.198 11A-CDD\_149 ANT 2



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      0.79 dBm  
SWT 20 ms      5.751140000 GHz



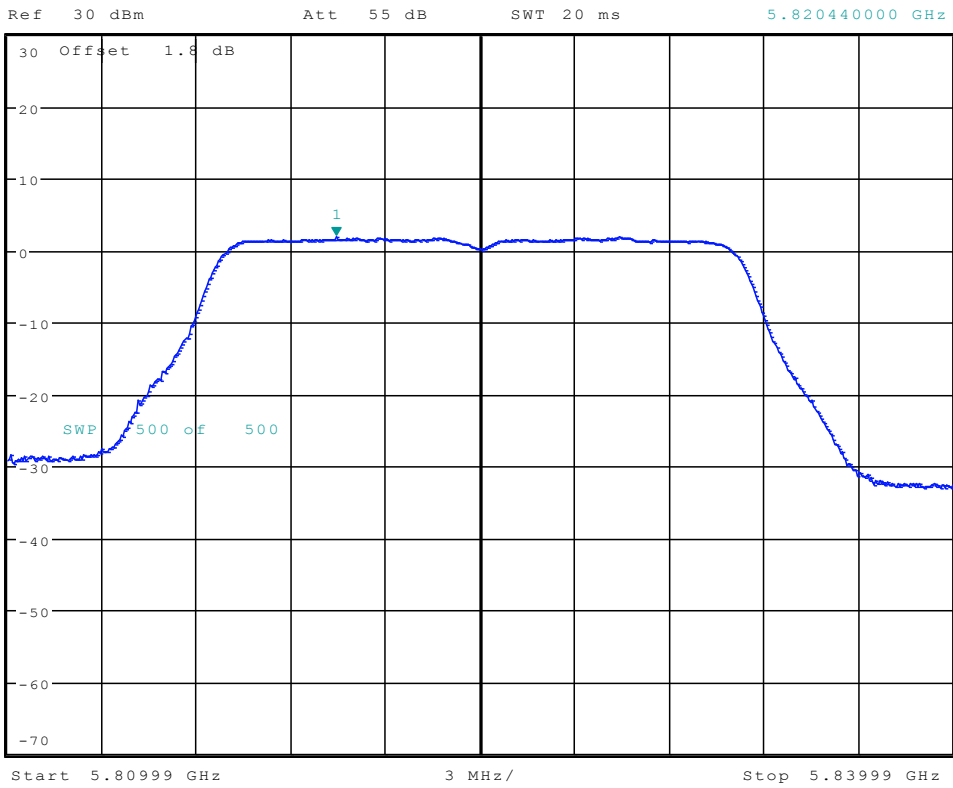
Date: 9.AUG.2017 13:47:44



### 11.199 11A-CDD\_165 ANT 1



\*RBW 1 MHz      Marker 1 [T1 ]  
\*VBW 2 MHz      1.90 dBm  
SWT 20 ms      5.820440000 GHz



Date: 9.AUG.2017 11:40:19

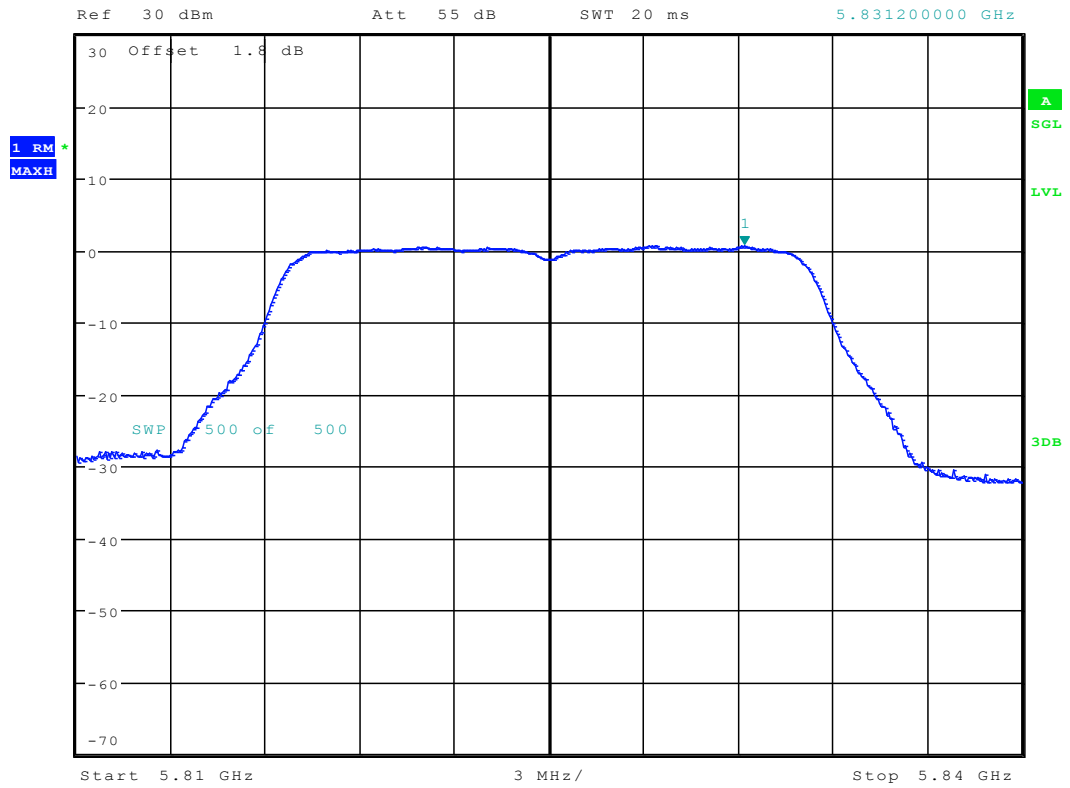


### 11.200 11A-CDD\_165 ANT 2



\*RBW 1 MHz  
\*VBW 2 MHz  
SWT 20 ms

Marker 1 [T1 ]  
0.70 dBm  
5.831200000 GHz



Date: 9.AUG.2017 13:50:55



# Appendix F: Frequencies Stability

Frequency Error vs. Voltage:

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

Frequency Error vs. Temperature:

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



## Frequency Error vs. Voltage:

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

## Frequency Error vs. Temperature:

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

END