



# Appendix A U-NII: Emission Bandwidth

**1 Result Table for 26dB Emission Bandwidth**

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	26dB Emission Bandwidth [MHz]	Verdict
11A20	36	5180	ANT 1	21.76	PASS
	36	5180	ANT 2	21.68	PASS
	48	5240	ANT 1	21.7	PASS
	48	5240	ANT 2	21.72	PASS
	52	5260	ANT 1	21.78	PASS
	52	5260	ANT 2	21.78	PASS
	64	5320	ANT 1	21.76	PASS
	64	5320	ANT 2	21.72	PASS
	100	5500	ANT 1	21.8	PASS
	100	5500	ANT 2	21.7	PASS
	140	5700	ANT 1	21.8	PASS
	140	5700	ANT 2	21.76	PASS
	144	5720	ANT 1	21.8	PASS
	144	5720	ANT 2	21.72	PASS
11N20	36	5180	ANT 1	22.08	PASS
	36	5180	ANT 2	22.12	PASS
	48	5240	ANT 1	22.12	PASS
	48	5240	ANT 2	22.18	PASS
	52	5260	ANT 1	22.18	PASS
	52	5260	ANT 2	22.24	PASS
	64	5320	ANT 1	22.2	PASS
	64	5320	ANT 2	22.22	PASS
	100	5500	ANT 1	23.5	PASS
	100	5500	ANT 2	22.08	PASS
	140	5700	ANT 1	22.1	PASS
	140	5700	ANT 2	22.32	PASS
	144	5720	ANT 1	22.24	PASS
	144	5720	ANT 2	22.34	PASS
11N20MIMO	36	5180	ANT 1	22.2	PASS
	36	5180	ANT 2	24.06	PASS
	48	5240	ANT 1	22.22	PASS
	48	5240	ANT 2	22.08	PASS
	52	5260	ANT 1	22.34	PASS
	52	5260	ANT 2	21.84	PASS



	64	5320	ANT 1	22.12	PASS
	64	5320	ANT 2	21.94	PASS
	100	5500	ANT 1	22.24	PASS
	100	5500	ANT 2	21.88	PASS
	140	5700	ANT 1	22.28	PASS
	140	5700	ANT 2	22.08	PASS
	144	5720	ANT 1	22.24	PASS
	144	5720	ANT 2	24.68	PASS
11N40	38	5190	ANT 1	40.58	PASS
	38	5190	ANT 2	40.36	PASS
	46	5230	ANT 1	40.52	PASS
	46	5230	ANT 2	40.7	PASS
	54	5270	ANT 1	40.62	PASS
	54	5270	ANT 2	40.72	PASS
	62	5310	ANT 1	40.74	PASS
	62	5310	ANT 2	40.74	PASS
	102	5510	ANT 1	40.8	PASS
	102	5510	ANT 2	40.56	PASS
	134	5670	ANT 1	40.7	PASS
	134	5670	ANT 2	40.66	PASS
	142	5710	ANT 1	40.76	PASS
	142	5710	ANT 2	40.68	PASS
11N40MIMO	38	5190	ANT 1	40.62	PASS
	38	5190	ANT 2	39.96	PASS
	46	5230	ANT 1	40.58	PASS
	46	5230	ANT 2	39.9	PASS
	54	5270	ANT 1	40.6	PASS
	54	5270	ANT 2	39.9	PASS
	62	5310	ANT 1	40.86	PASS
	62	5310	ANT 2	40	PASS
	102	5510	ANT 1	40.7	PASS
	102	5510	ANT 2	40.02	PASS
	134	5670	ANT 1	40.52	PASS
	134	5670	ANT 2	39.92	PASS
	142	5710	ANT 1	40.52	PASS
	142	5710	ANT 2	40.3	PASS
11AC20	36	5180	ANT 1	22.06	PASS
	36	5180	ANT 2	22.16	PASS
	48	5240	ANT 1	22.1	PASS
	48	5240	ANT 2	22.1	PASS
	52	5260	ANT 1	22.12	PASS



	52	5260	ANT 2	22.16	PASS
	64	5320	ANT 1	22.24	PASS
	64	5320	ANT 2	22.28	PASS
	100	5500	ANT 1	22.1	PASS
	100	5500	ANT 2	22.24	PASS
	140	5700	ANT 1	22.24	PASS
	140	5700	ANT 2	22.2	PASS
	144	5720	ANT 1	22.04	PASS
	144	5720	ANT 2	22.28	PASS
11AC20MIMO	36	5180	ANT 1	22.26	PASS
	36	5180	ANT 2	21.86	PASS
	48	5240	ANT 1	22.22	PASS
	48	5240	ANT 2	22.06	PASS
	52	5260	ANT 1	22.4	PASS
	52	5260	ANT 2	21.86	PASS
	64	5320	ANT 1	22.26	PASS
	64	5320	ANT 2	22.18	PASS
	100	5500	ANT 1	24.88	PASS
	100	5500	ANT 2	22.08	PASS
	140	5700	ANT 1	22.24	PASS
	140	5700	ANT 2	22.02	PASS
	144	5720	ANT 1	22.56	PASS
	144	5720	ANT 2	22.08	PASS
11AC40	38	5190	ANT 1	40.6	PASS
	38	5190	ANT 2	40.62	PASS
	46	5230	ANT 1	40.72	PASS
	46	5230	ANT 2	40.58	PASS
	54	5270	ANT 1	40.68	PASS
	54	5270	ANT 2	40.5	PASS
	62	5310	ANT 1	40.7	PASS
	62	5310	ANT 2	40.46	PASS
	102	5510	ANT 1	40.58	PASS
	102	5510	ANT 2	40.64	PASS
	134	5670	ANT 1	40.52	PASS
	134	5670	ANT 2	40.6	PASS
	142	5710	ANT 1	40.7	PASS
	142	5710	ANT 2	40.54	PASS
11AC40MIMO	38	5190	ANT 1	40.6	PASS
	38	5190	ANT 2	39.96	PASS
	46	5230	ANT 1	40.6	PASS
	46	5230	ANT 2	39.98	PASS



	54	5270	ANT 1	40.56	PASS
	54	5270	ANT 2	40.04	PASS
	62	5310	ANT 1	40.64	PASS
	62	5310	ANT 2	40.08	PASS
	102	5510	ANT 1	40.48	PASS
	102	5510	ANT 2	40	PASS
	134	5670	ANT 1	40.58	PASS
	134	5670	ANT 2	40.06	PASS
	142	5710	ANT 1	40.48	PASS
	142	5710	ANT 2	40.14	PASS
11AC80	42	5210	ANT 1	82.83	PASS
	42	5210	ANT 2	83.41	PASS
	58	5290	ANT 1	82.93	PASS
	58	5290	ANT 2	83.2	PASS
	106	5530	ANT 1	83.41	PASS
	106	5530	ANT 2	82.83	PASS
	138	5690	ANT 1	83.25	PASS
	138	5690	ANT 2	82.93	PASS
11AC80MIMO	42	5210	ANT 1	82.67	PASS
	42	5210	ANT 2	82.93	PASS
	58	5290	ANT 1	82.72	PASS
	58	5290	ANT 2	82.50	PASS
	106	5530	ANT 1	82.8	PASS
	106	5530	ANT 2	82.50	PASS
	138	5690	ANT 1	83.14	PASS
	138	5690	ANT 2	82.34	PASS
11A-CDD	36	5180	ANT 1	21.9	PASS
	36	5180	ANT 2	21.74	PASS
	48	5240	ANT 1	21.76	PASS
	48	5240	ANT 2	21.74	PASS
	52	5260	ANT 1	21.82	PASS
	52	5260	ANT 2	21.72	PASS
	64	5320	ANT 1	21.8	PASS
	64	5320	ANT 2	21.7	PASS
	100	5500	ANT 1	21.8	PASS
	100	5500	ANT 2	21.8	PASS
	140	5700	ANT 1	21.88	PASS
	140	5700	ANT 2	21.76	PASS
	144	5720	ANT 1	21.82	PASS
	144	5720	ANT 2	22.78	PASS

**2 Result Table for 6dB Emission Bandwidth**

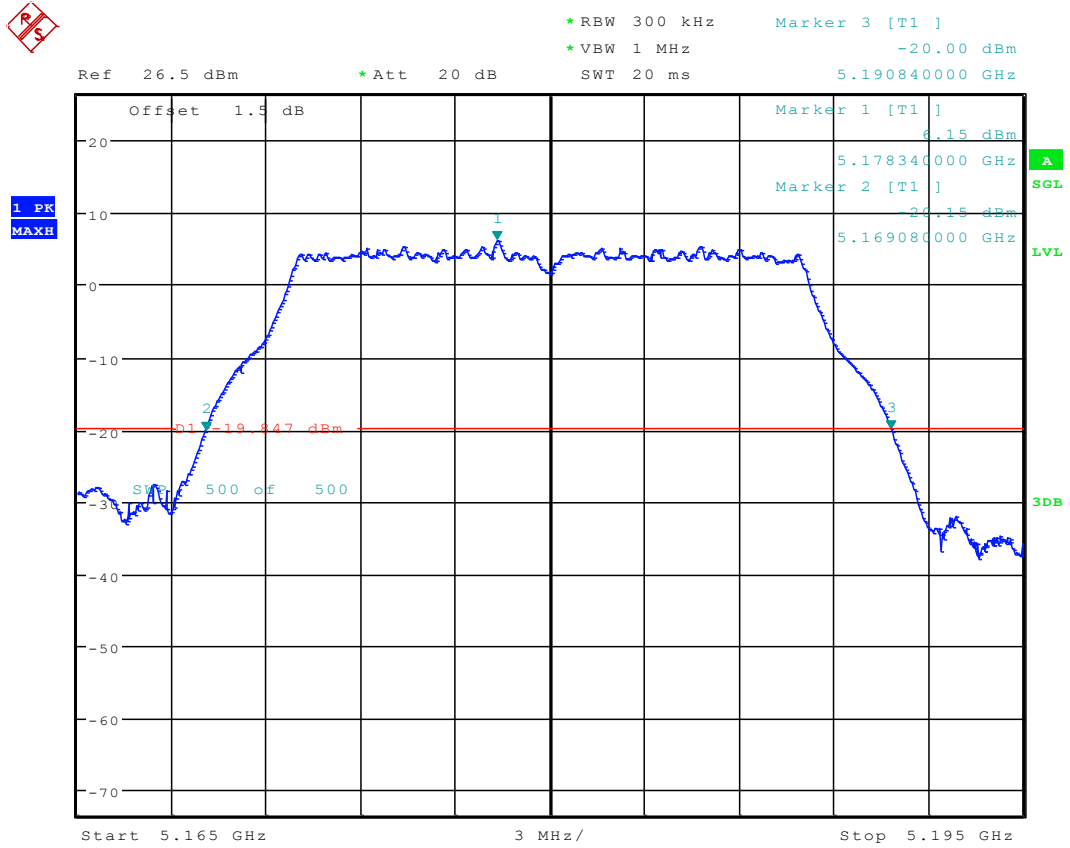
Test Mode	Test Channel	Frequency [MHz]	ANT	6dB Emission Bandwidth [MHz]	Verdict
11A20	149	5745	ANT 1	16.4	PASS
	149	5745	ANT 2	16.4	PASS
	165	5825	ANT 1	16.38	PASS
	165	5825	ANT 2	16.4	PASS
11N20	149	5745	ANT 1	17.64	PASS
	149	5745	ANT 2	17.64	PASS
	165	5825	ANT 1	17.64	PASS
	165	5825	ANT 2	17.64	PASS
11N20MIMO	149	5745	ANT 1	17.64	PASS
	149	5745	ANT 2	17.64	PASS
	165	5825	ANT 1	17.64	PASS
	165	5825	ANT 2	17.66	PASS
11N40	151	5755	ANT 1	36.38	PASS
	151	5755	ANT 2	36.36	PASS
	159	5795	ANT 1	36.4	PASS
	159	5795	ANT 2	36.36	PASS
11N40MIMO	151	5755	ANT 1	36.4	PASS
	151	5755	ANT 2	36.36	PASS
	159	5795	ANT 1	36.36	PASS
	159	5795	ANT 2	36.4	PASS
11AC20	149	5745	ANT 1	17.64	PASS
	149	5745	ANT 2	17.64	PASS
	165	5825	ANT 1	17.64	PASS
	165	5825	ANT 2	17.64	PASS
11AC20MIMO	149	5745	ANT 1	17.64	PASS
	149	5745	ANT 2	17.64	PASS
	165	5825	ANT 1	17.64	PASS
	165	5825	ANT 2	17.66	PASS
11AC40	151	5755	ANT 1	36.38	PASS
	151	5755	ANT 2	36.38	PASS
	159	5795	ANT 1	36.36	PASS
	159	5795	ANT 2	36.36	PASS
11AC40MIMO	151	5755	ANT 1	36.4	PASS
	151	5755	ANT 2	36.38	PASS



	159	5795	ANT 1	36.4	PASS
	159	5795	ANT 2	36.36	PASS
11AC80	155	5775	ANT 1	76.4	PASS
	155	5775	ANT 2	76.16	PASS
11AC80MIMO	155	5775	ANT 1	76.43	PASS
	155	5775	ANT 2	76.43	PASS
11A-CDD	149	5745	ANT 1	16.38	PASS
	149	5745	ANT 2	16.4	PASS
	165	5825	ANT 1	16.38	PASS
	165	5825	ANT 2	16.42	PASS

### 3 Test Plot for 26dB Emission Bandwidth

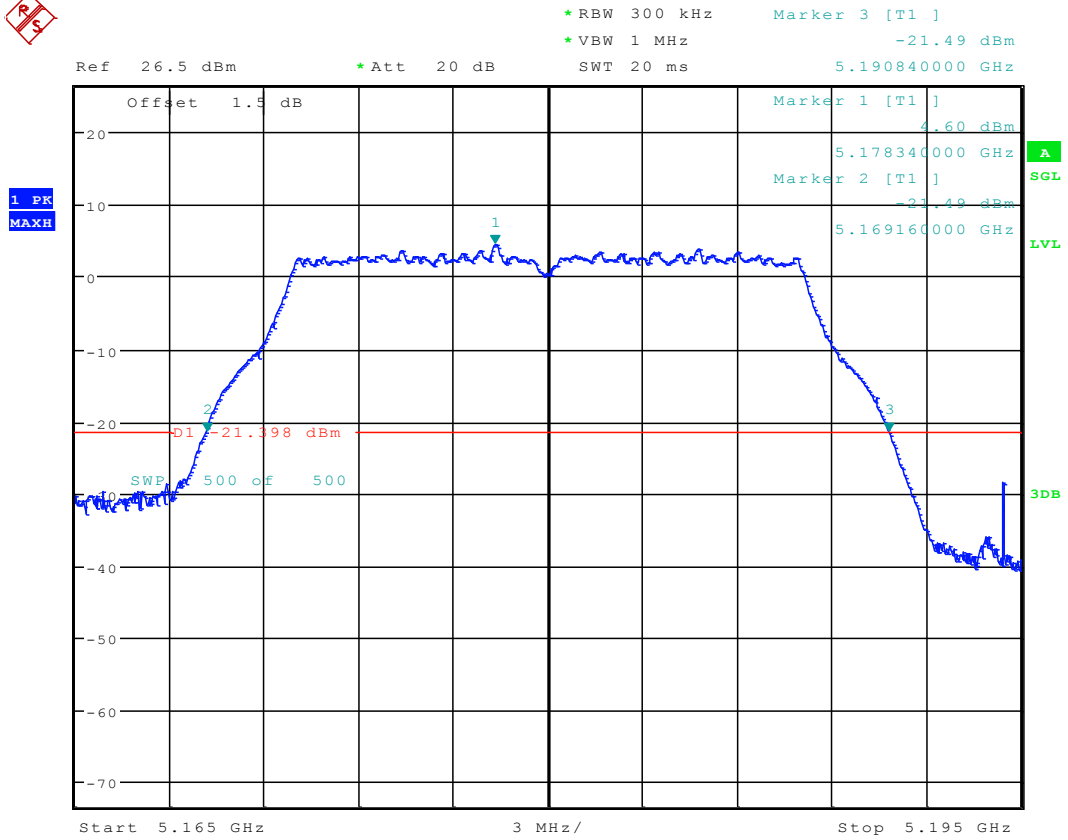
#### 3.1 11A20\_36 ANT 1



Date: 11.SEP.2017 11:27:38



### 3.2 11A20\_36 ANT 2

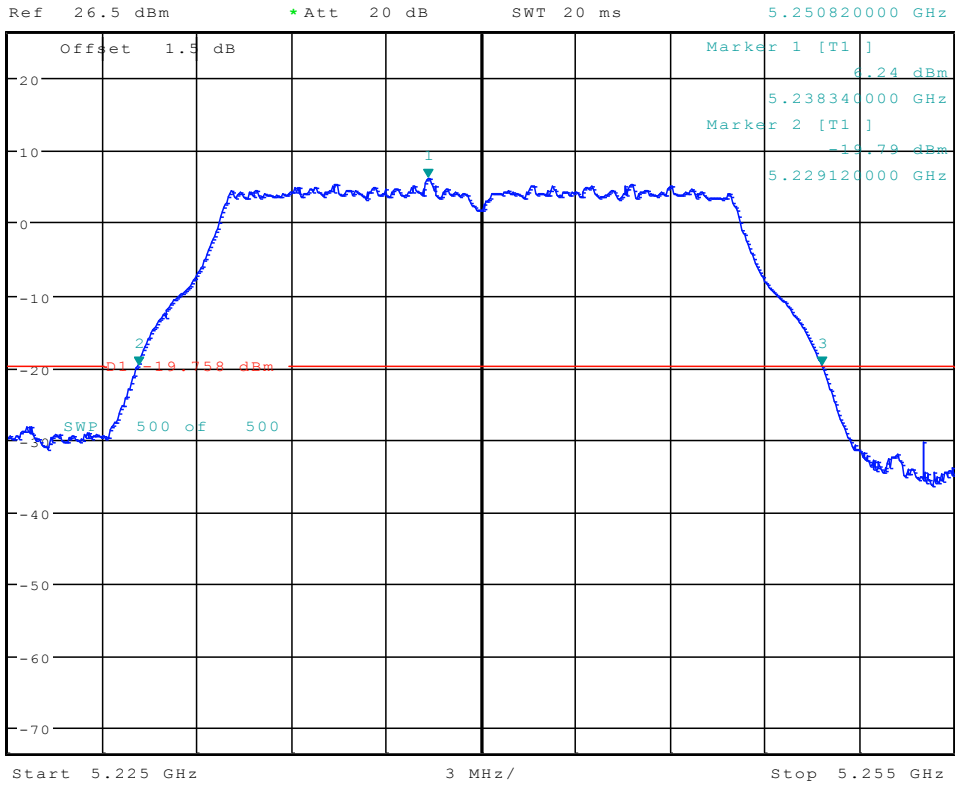


Date: 12.SEP.2017 14:13:01

### 3.3 11A20\_48 ANT 1

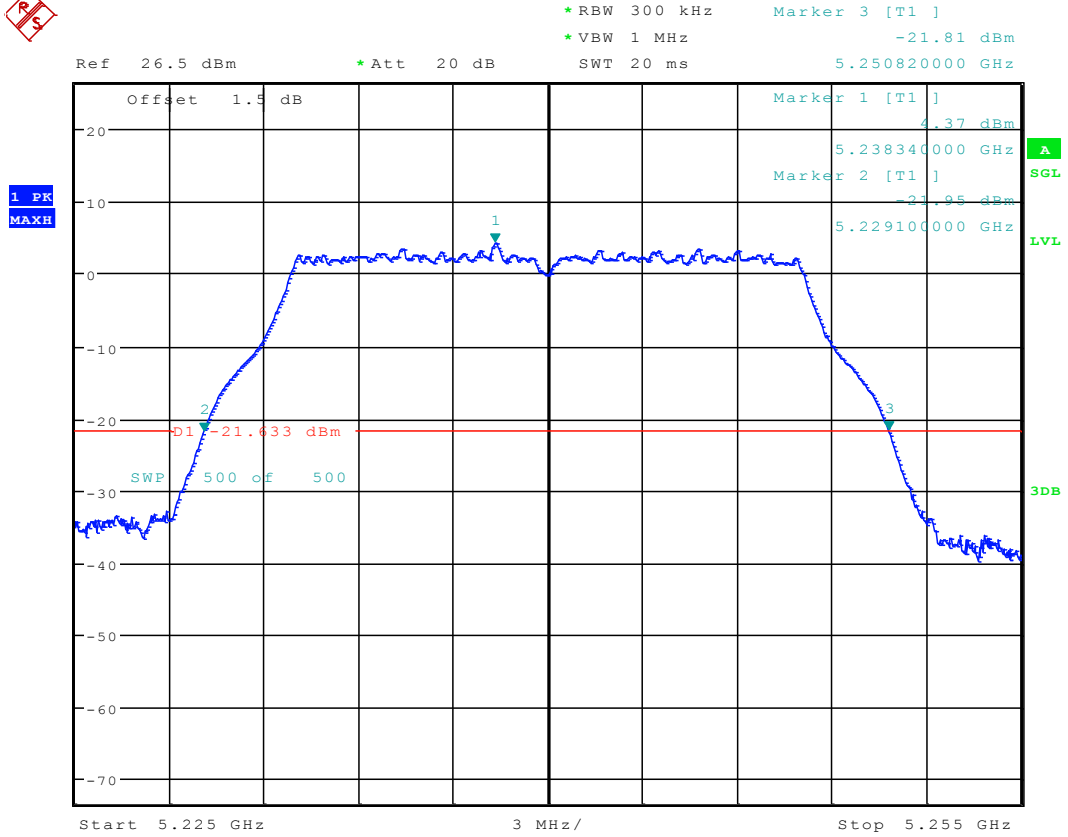


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -19.82 dBm  
 SWT 20 ms      5.250820000 GHz



Date: 11.SEP.2017 11:42:34

### 3.4 11A20\_48 ANT 2

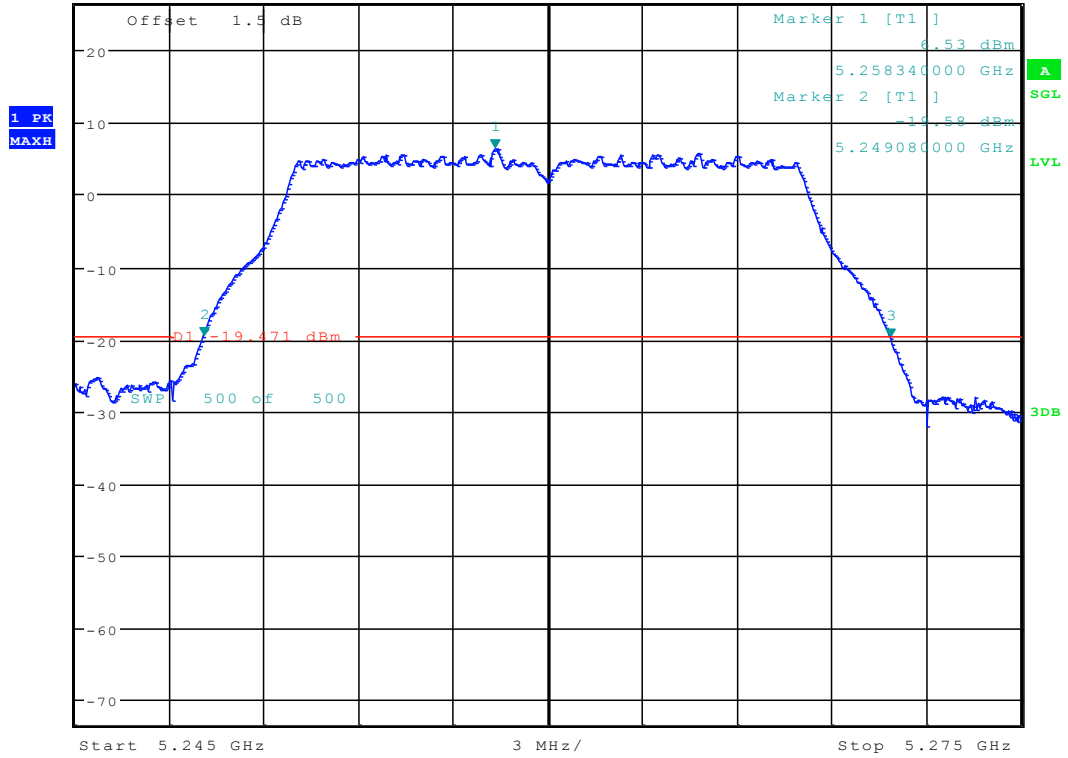


Date: 12.SEP.2017 14:16:54

### 3.5 11A20\_52 ANT 1

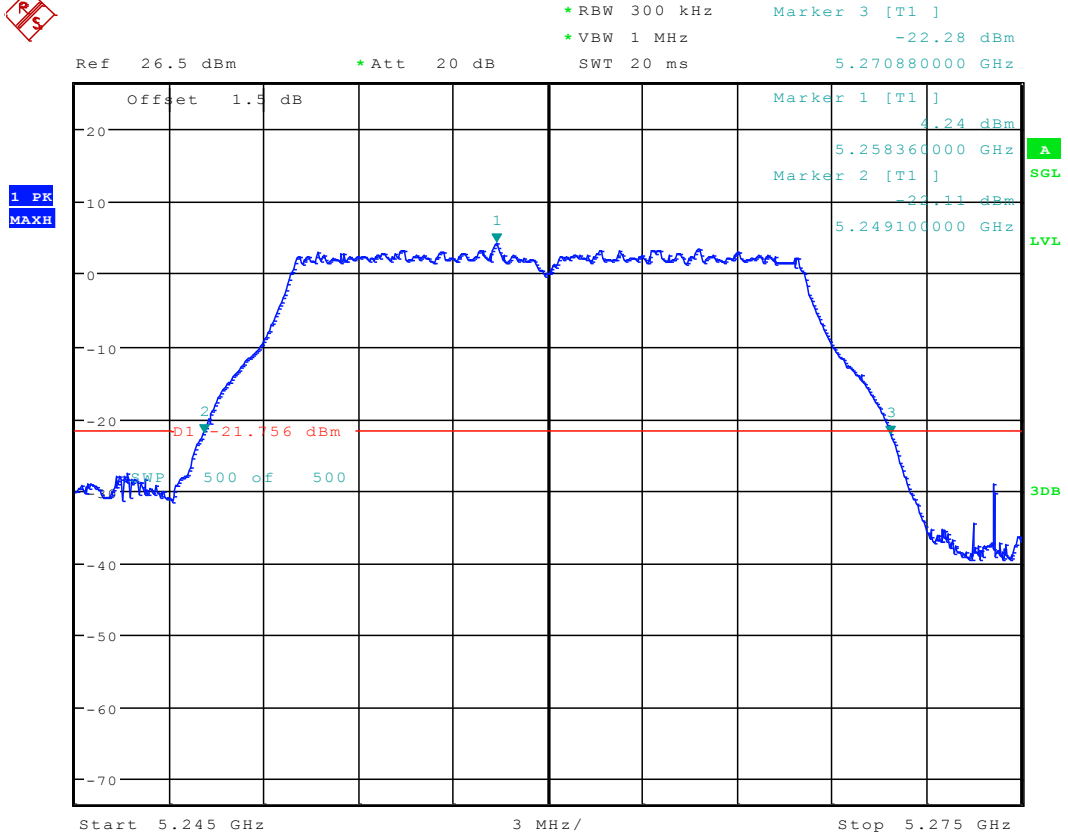


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -19.79 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.270860000 GHz



Date: 11.SEP.2017 11:48:44

### 3.6 11A20\_52 ANT 2

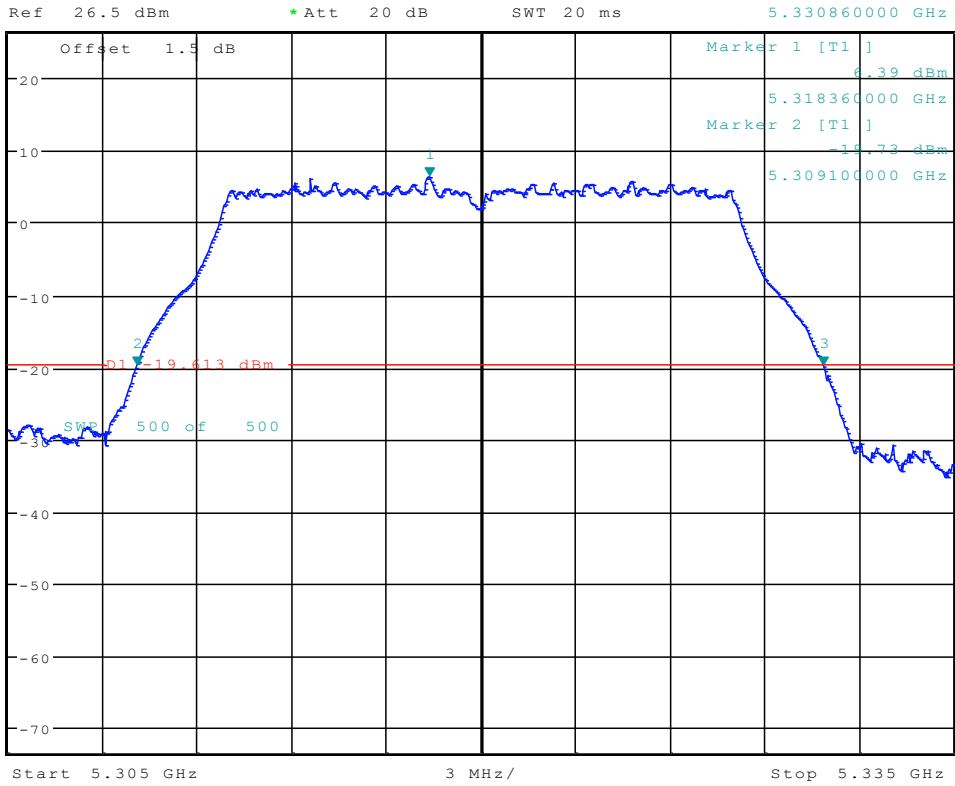


Date: 12.SEP.2017 14:24:59

### 3.7 11A20\_64 ANT 1

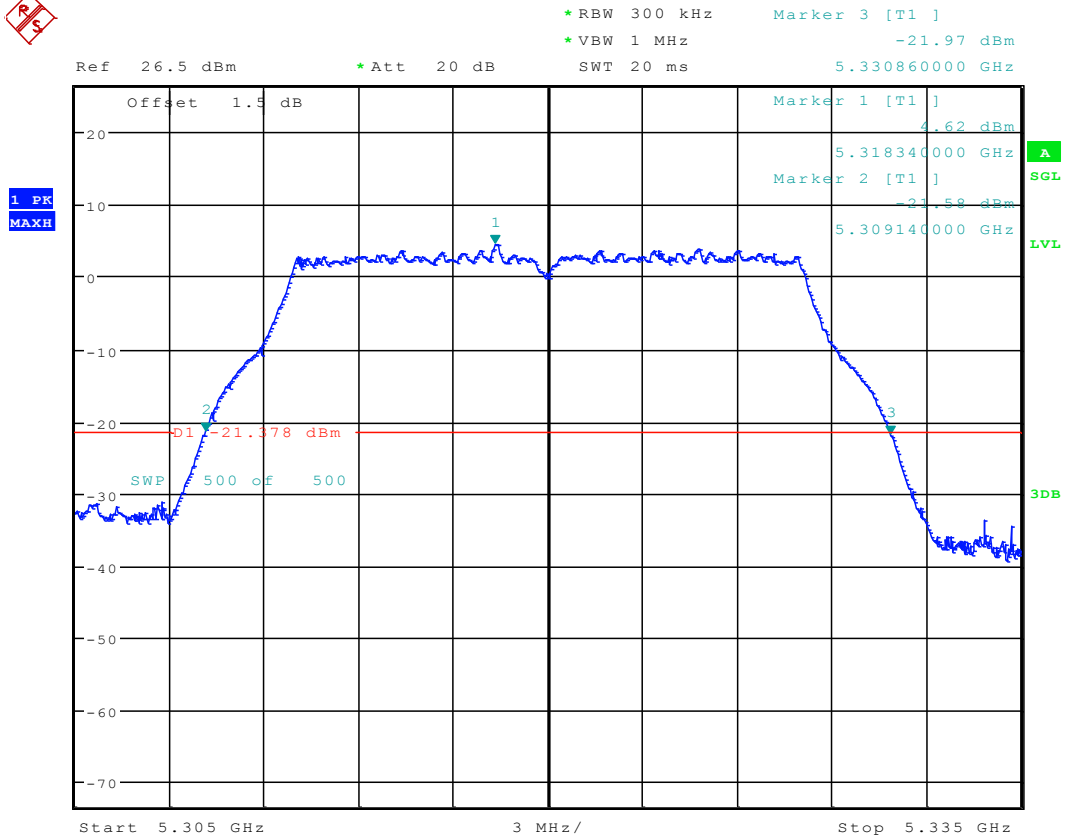


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -19.79 dBm  
 SWT 20 ms      5.330860000 GHz



Date: 11.SEP.2017 11:51:29

### 3.8 11A20\_64 ANT 2

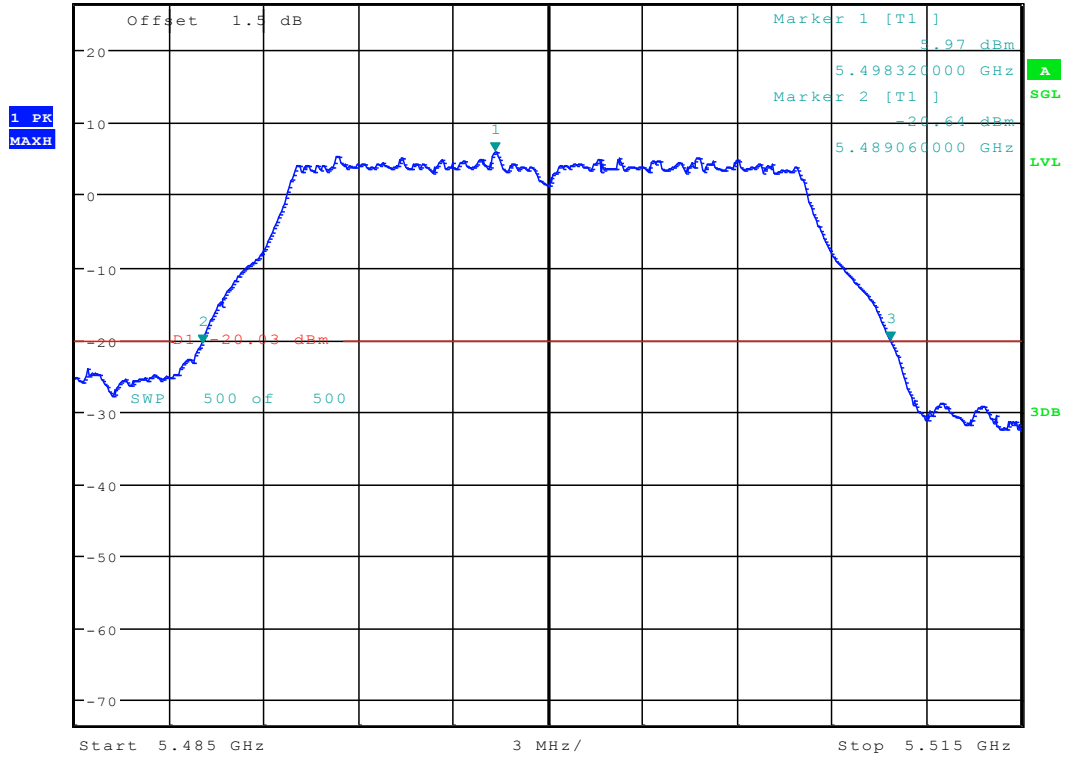


Date: 12.SEP.2017 14:29:40

### 3.9 11A20\_100 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.21 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.510860000 GHz



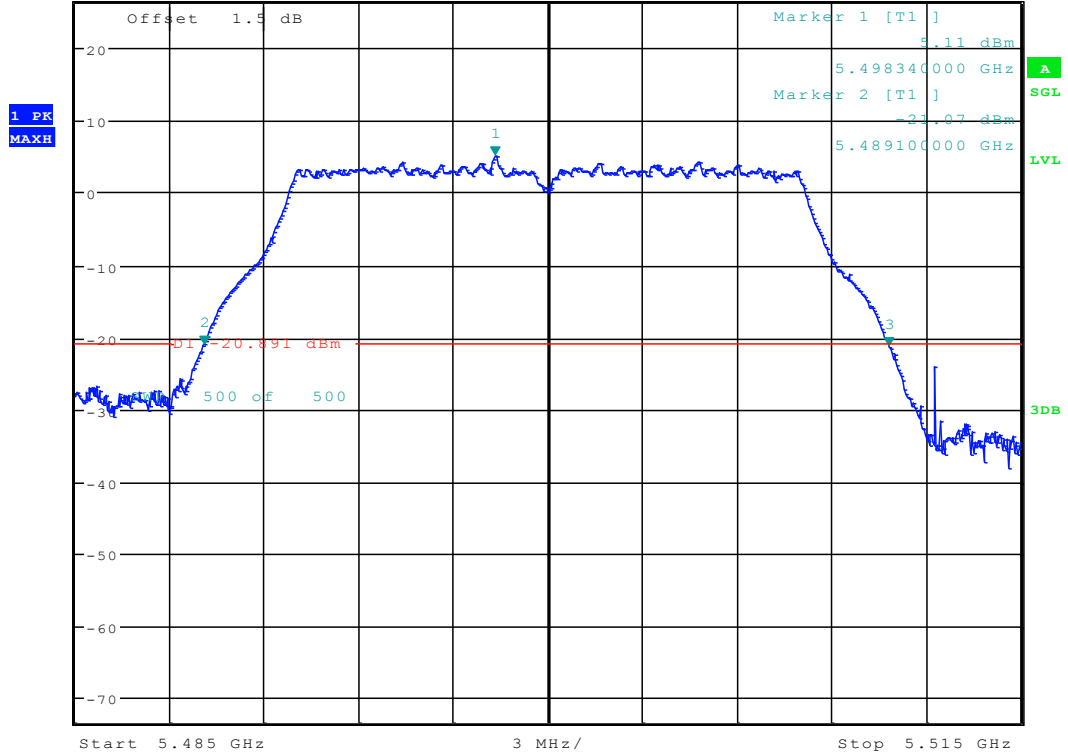
Date: 11.SEP.2017 11:54:34



### 3.10 11A20\_100 ANT 2

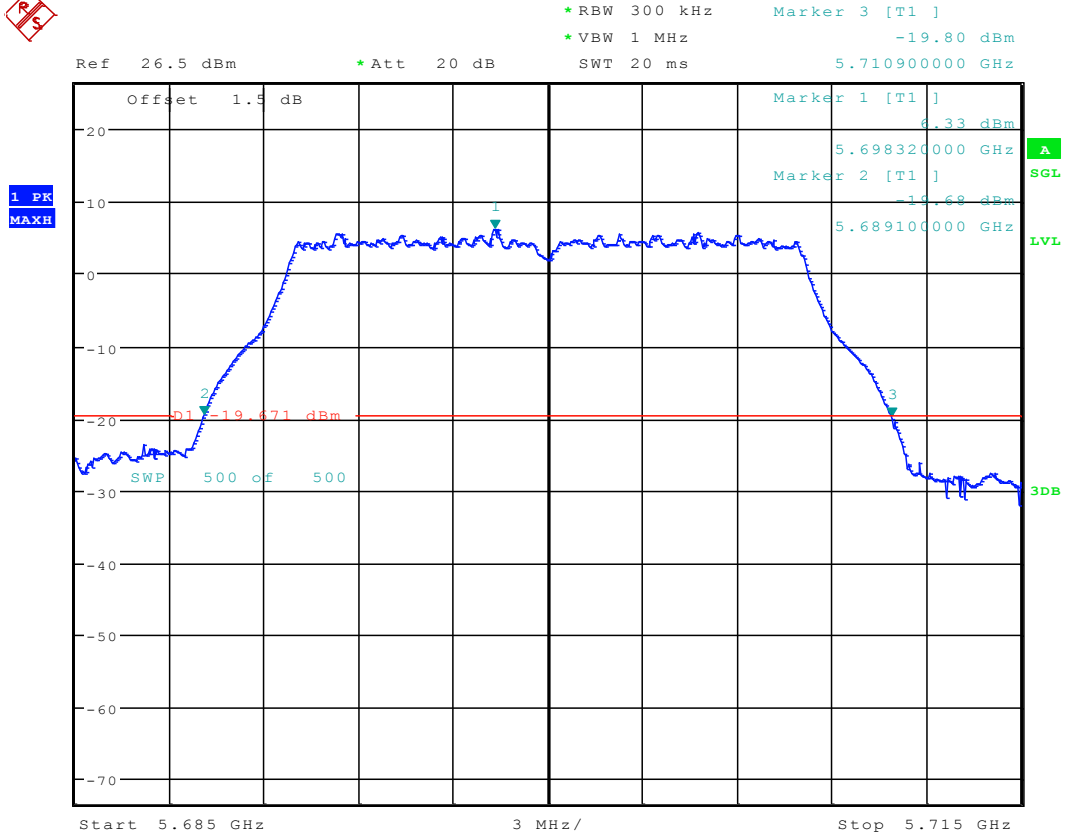


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.37 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.510800000 GHz



Date: 12.SEP.2017 14:37:21

### 3.11 11A20\_140 ANT 1



Date: 11.SEP.2017 11:58:16

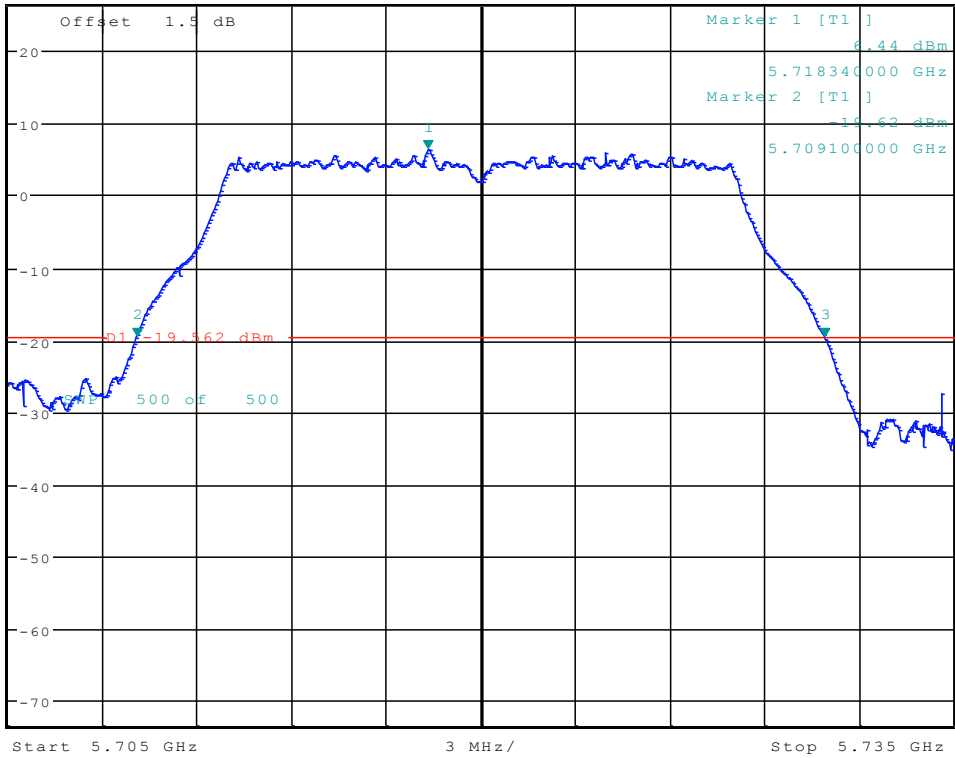




\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -19.57 dBm  
 \*Att 20 dB      SWT 20 ms      5.730900000 GHz

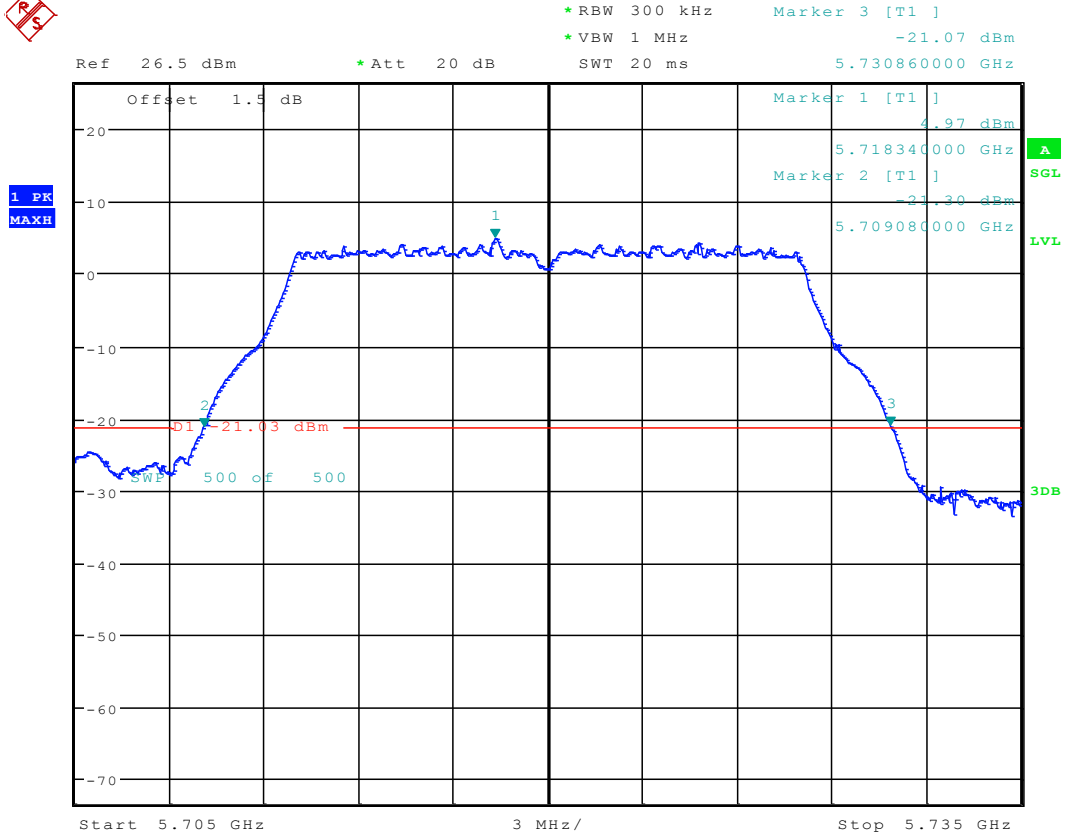
Ref 26.5 dBm      Offset 1.5 dB

1 PK  
MAXH



Date: 18.SEP.2017 14:05:03

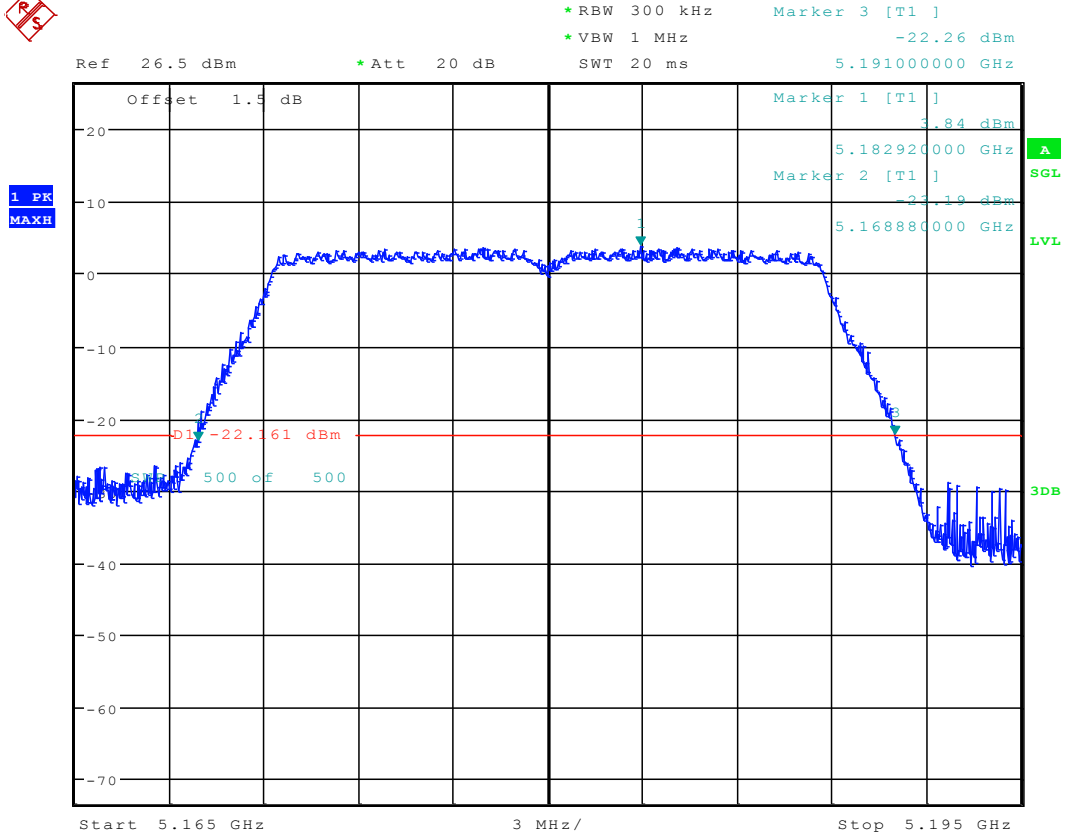
### 3.14 11A20\_144 ANT 2



Date: 18.SEP.2017 14:38:23

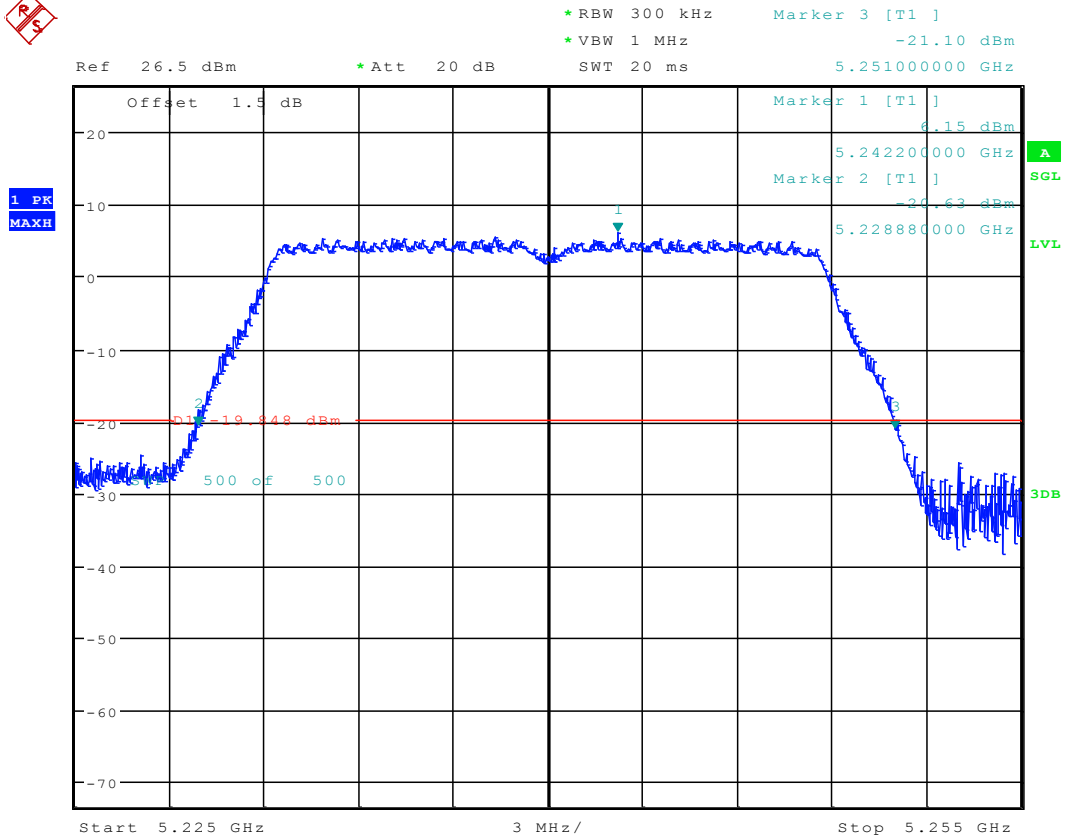


### 3.16 11N20\_36 ANT 2



Date: 12.SEP.2017 14:58:35

## 3.17 11N20\_48 ANT 1

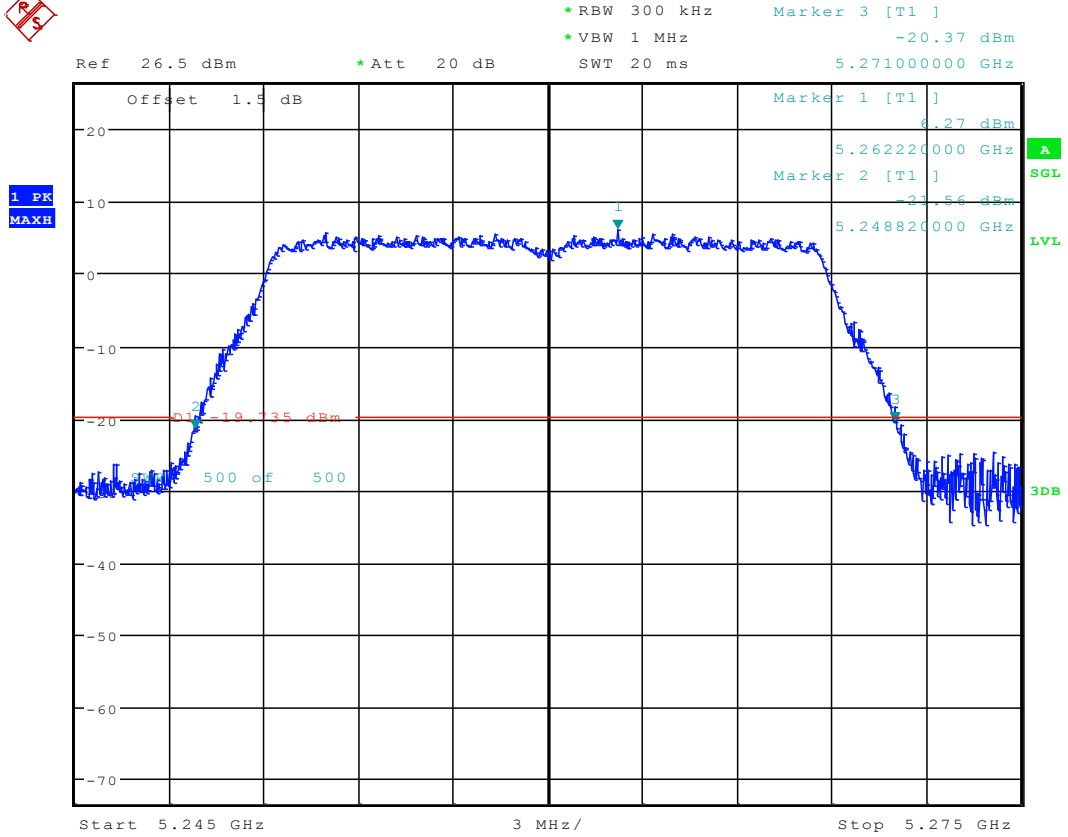


Date: 11.SEP.2017 15:25:42





### 3.19 11N20\_52 ANT 1

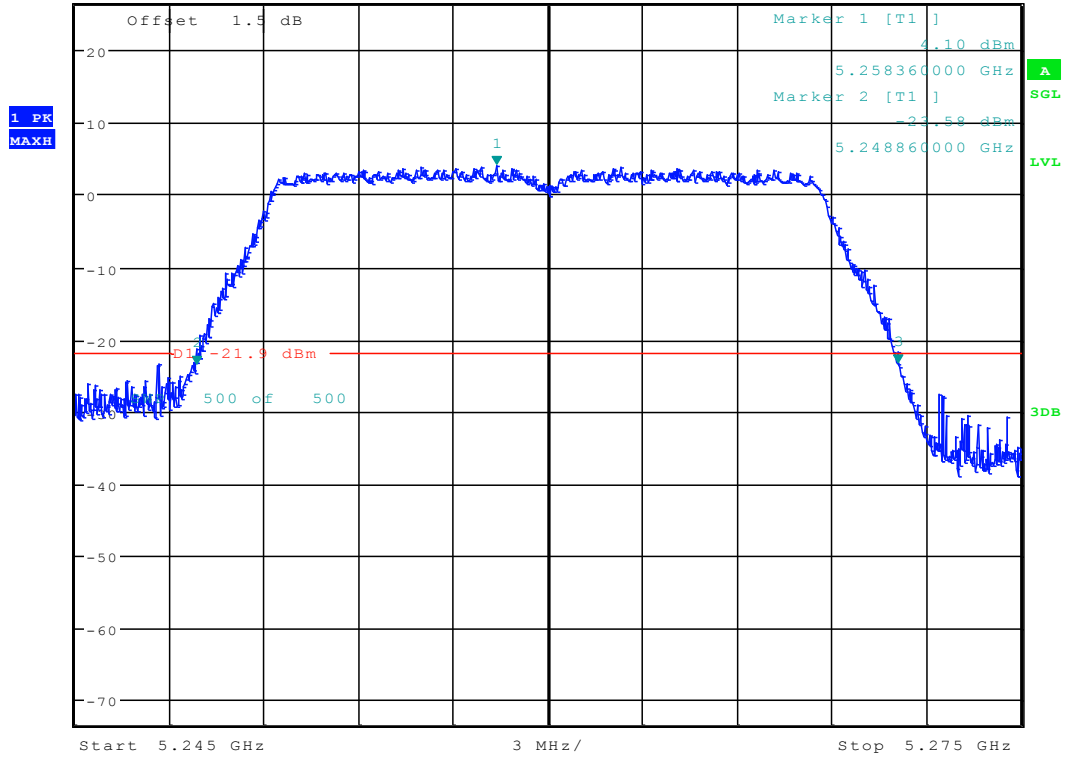


Date: 11.SEP.2017 15:28:33

### 3.20 11N20\_52 ANT 2

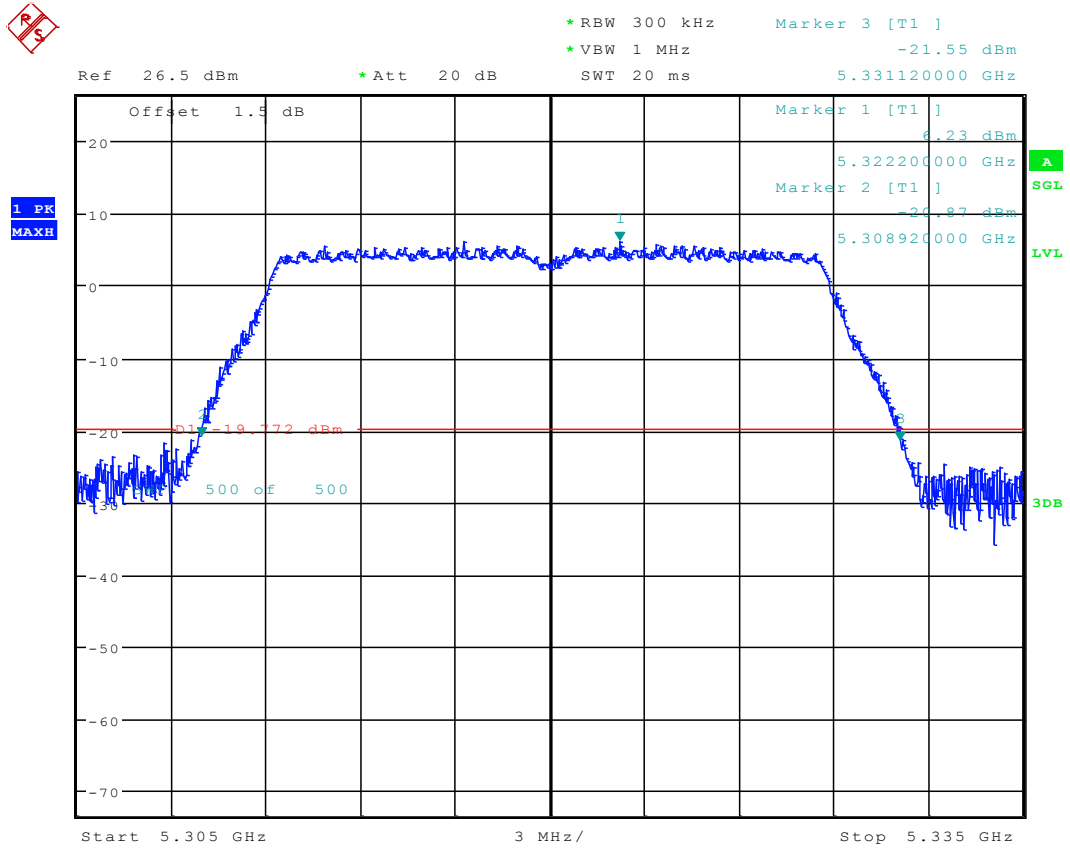


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.35 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.271100000 GHz



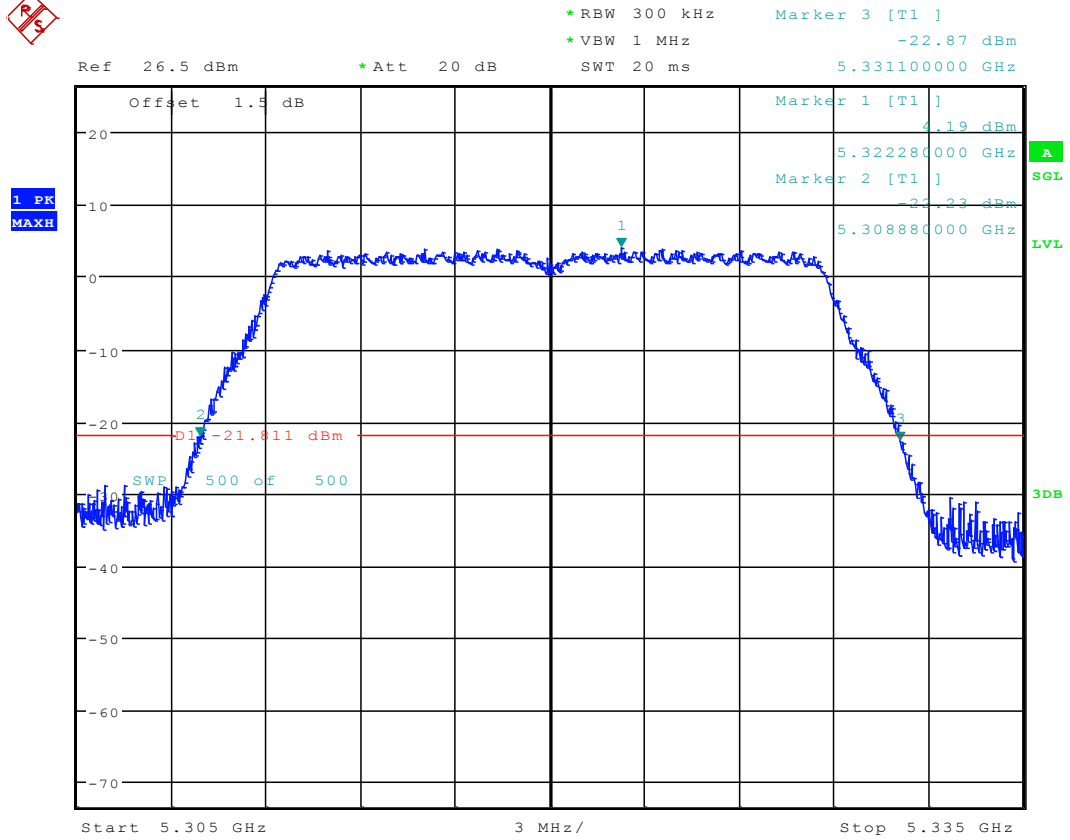
Date: 12.SEP.2017 15:19:31

## 3.21 11N20\_64 ANT 1



Date: 11.SEP.2017 15:31:25

## 3.22 11N20\_64 ANT 2

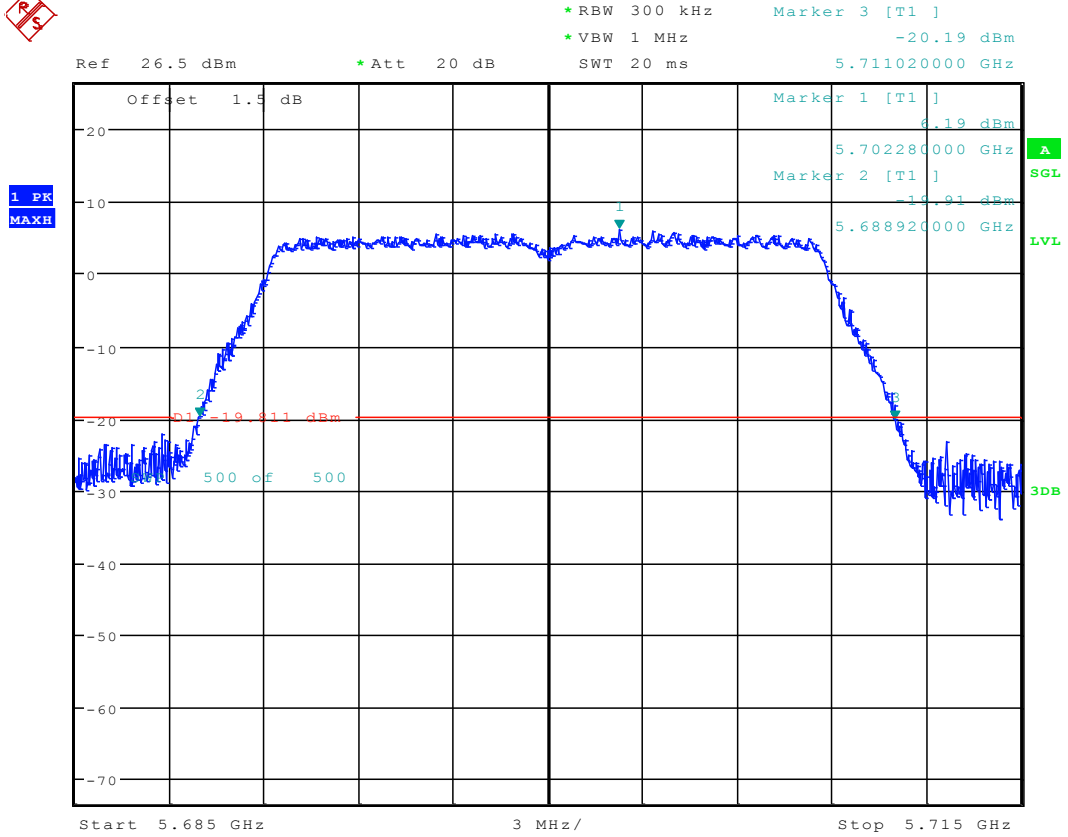


Date: 12.SEP.2017 15:22:34





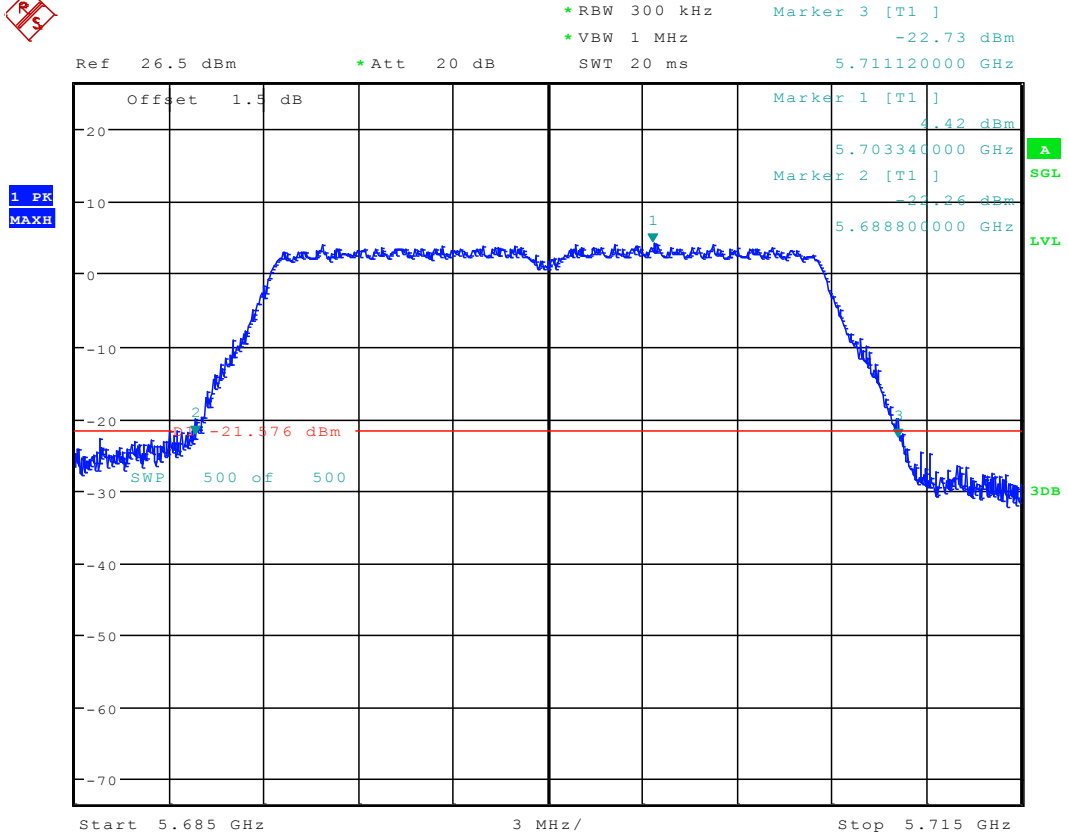
### 3.25 11N20\_140 ANT 1



Date: 11.SEP.2017 15:52:28



### 3.26 11N20\_140 ANT 2

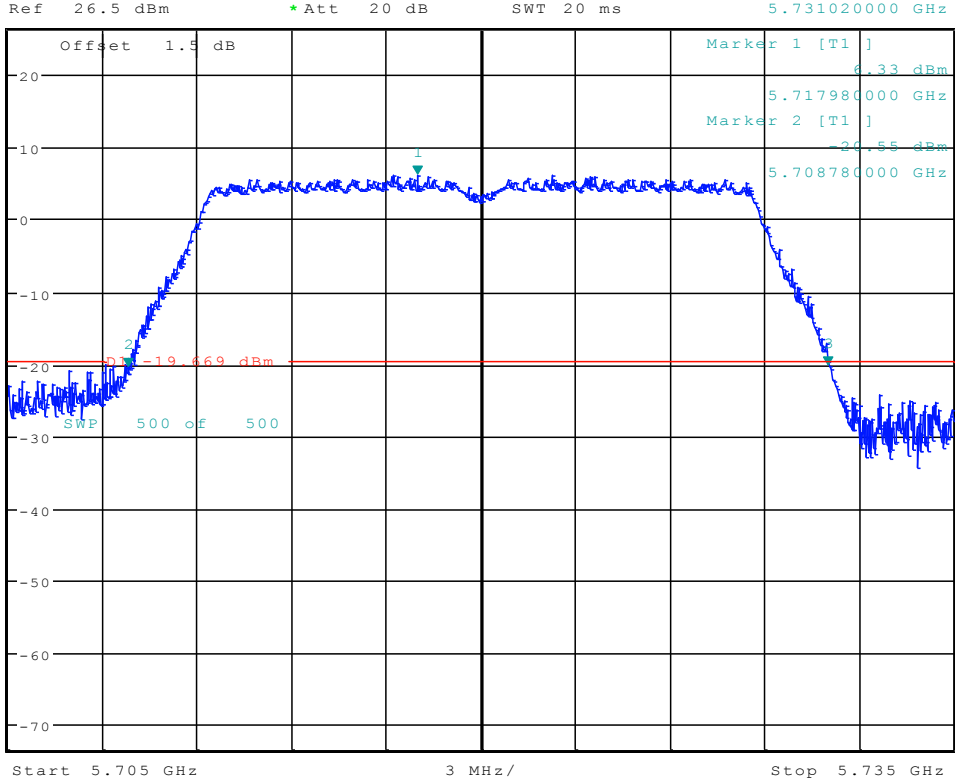


Date: 12.SEP.2017 15:29:52

### 3.27 11N20\_144 ANT 1

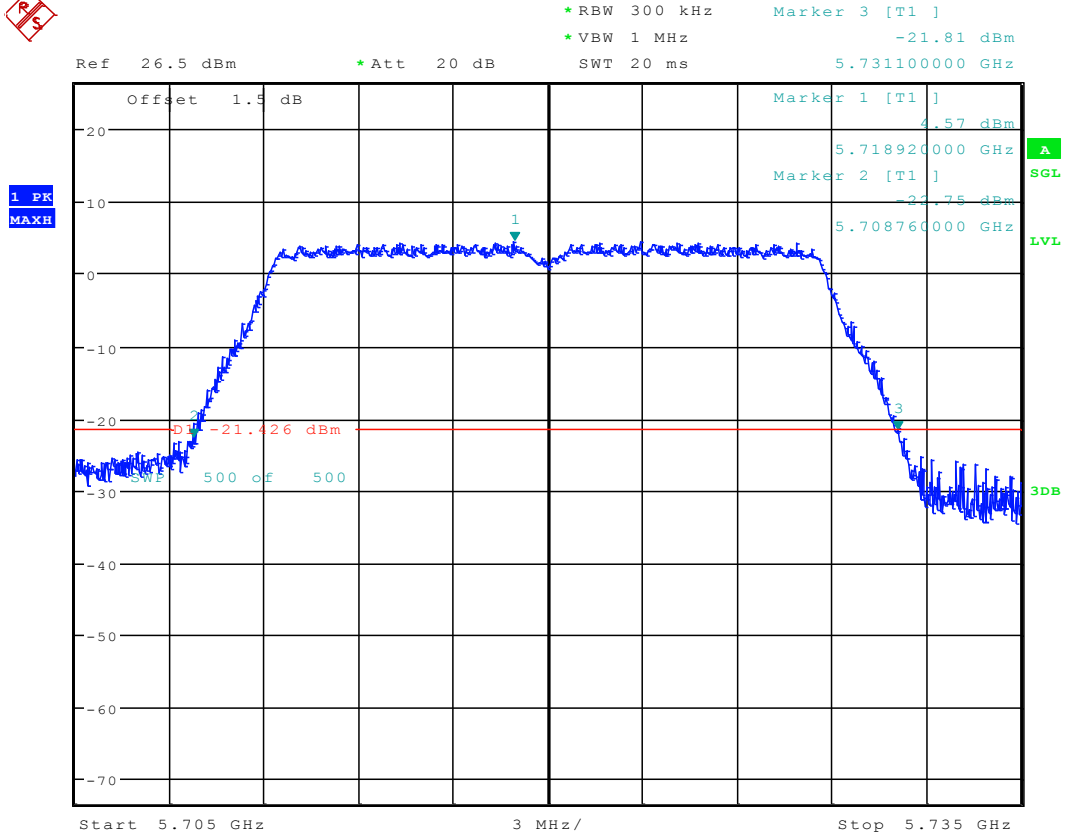


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.34 dBm  
 \*Att 20 dB      SWT 20 ms      5.731020000 GHz



Date: 18.SEP.2017 13:57:06

### 3.28 11N20\_144 ANT 2

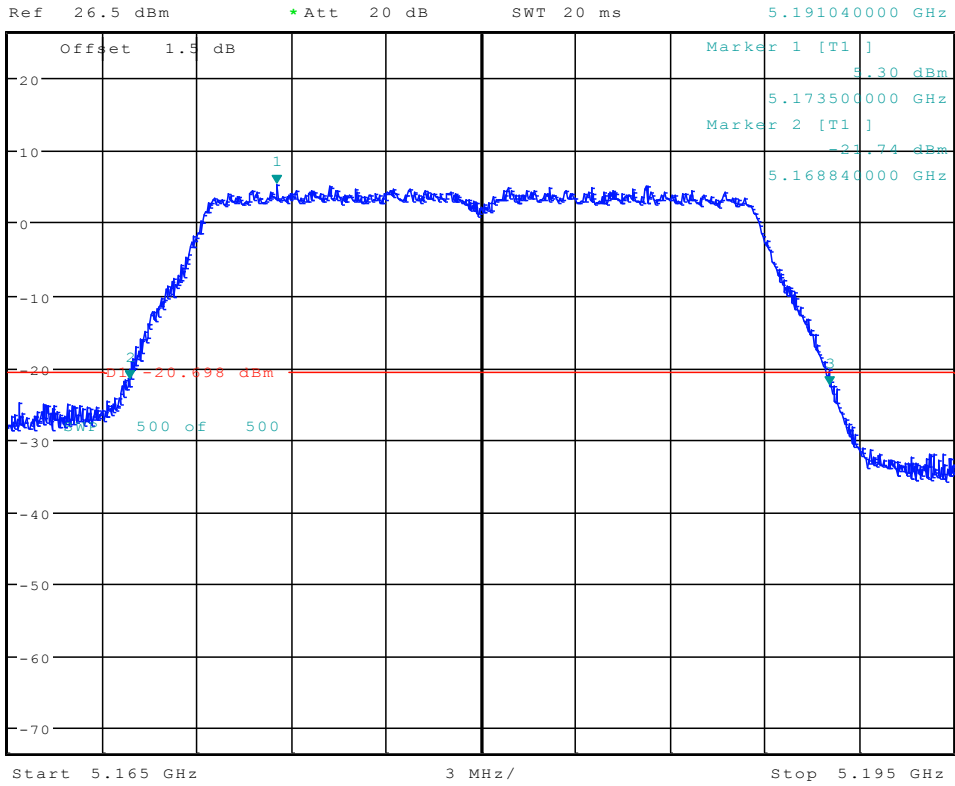


Date: 18.SEP.2017 14:41:13

### 3.29 11N20MIMO\_36 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.56 dBm  
 SWT 20 ms      5.191040000 GHz

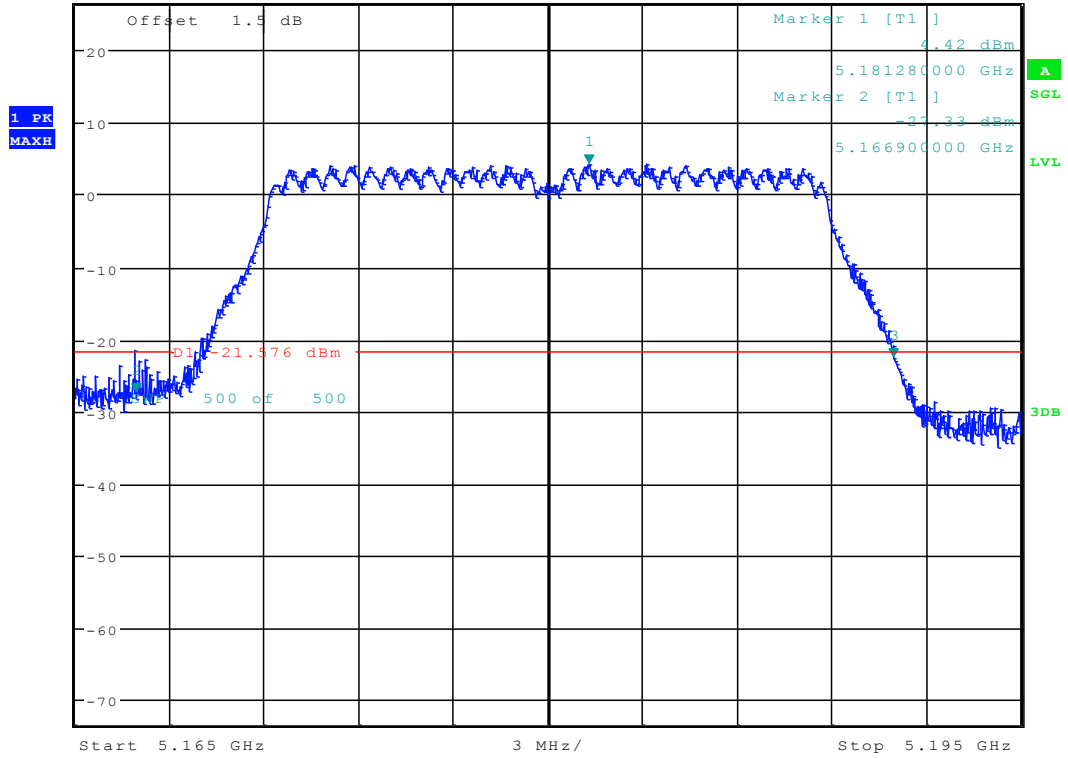


Date: 12.SEP.2017 17:49:12

### 3.30 11N20MIMO\_36 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.58 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.190960000 GHz

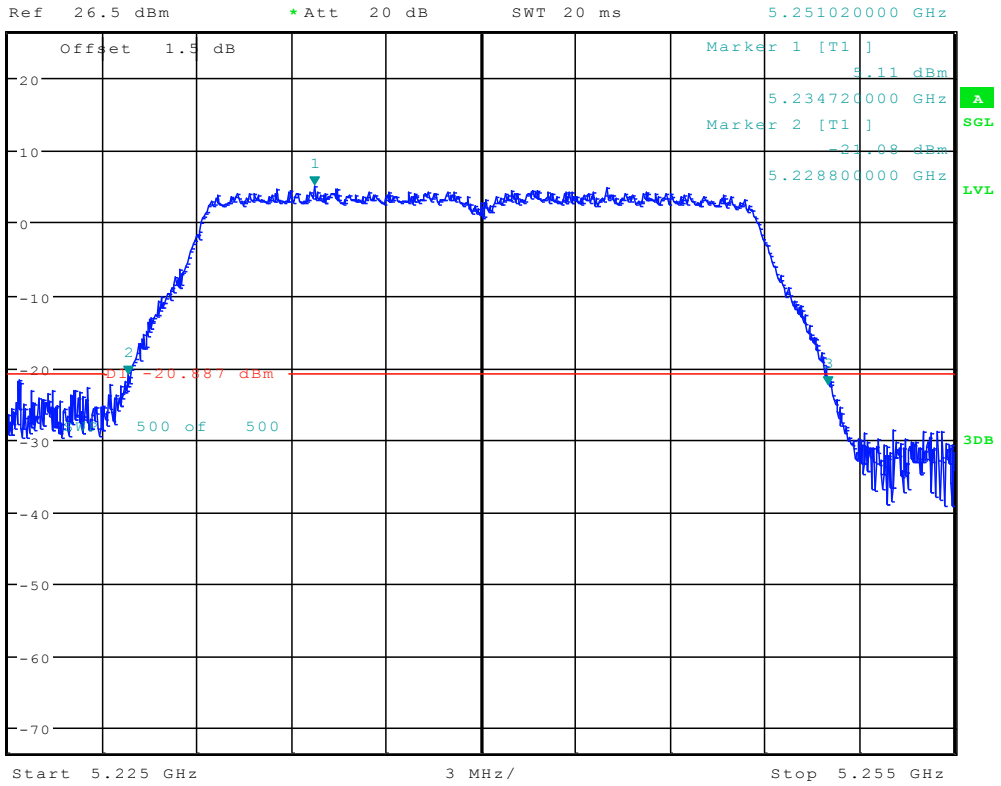


Date: 15.SEP.2017 14:06:29

### 3.31 11N20MIMO\_48 ANT 1

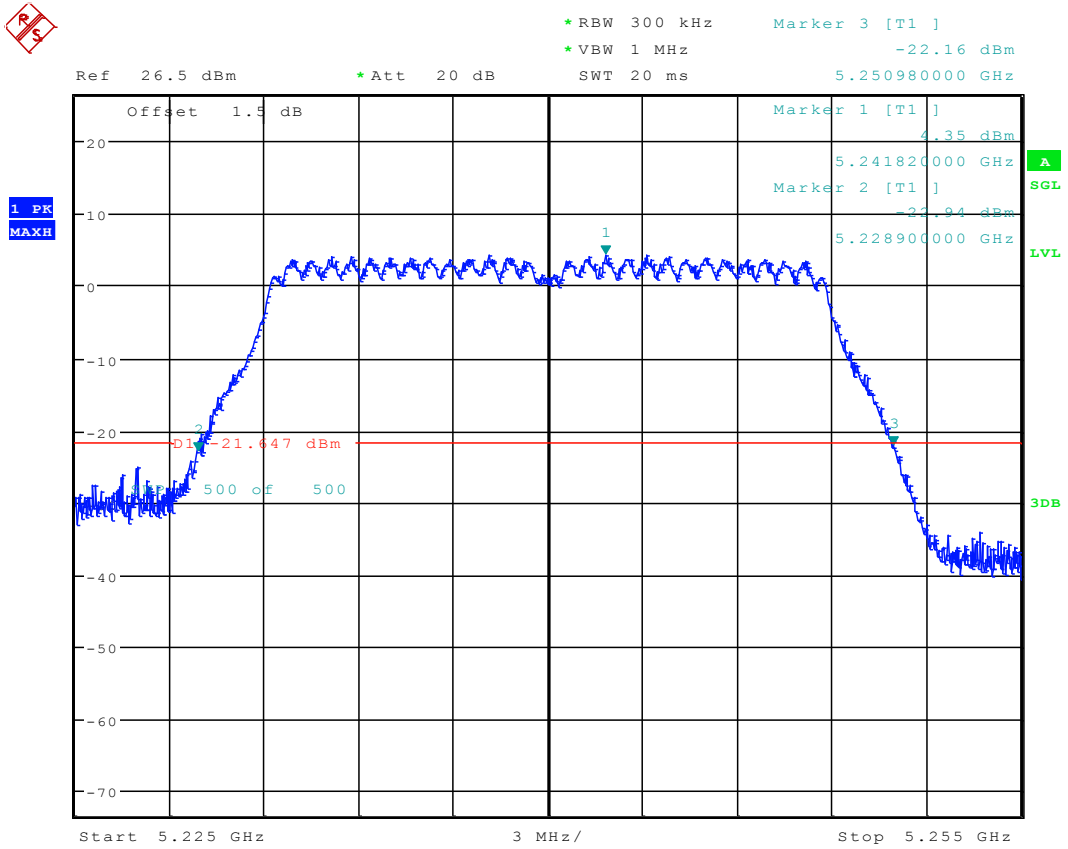


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.59 dBm  
 SWT 20 ms      5.251020000 GHz



Date: 12.SEP.2017 17:53:12

### 3.32 11N20MIMO\_48 ANT 2



Date: 15.SEP.2017 14:09:21

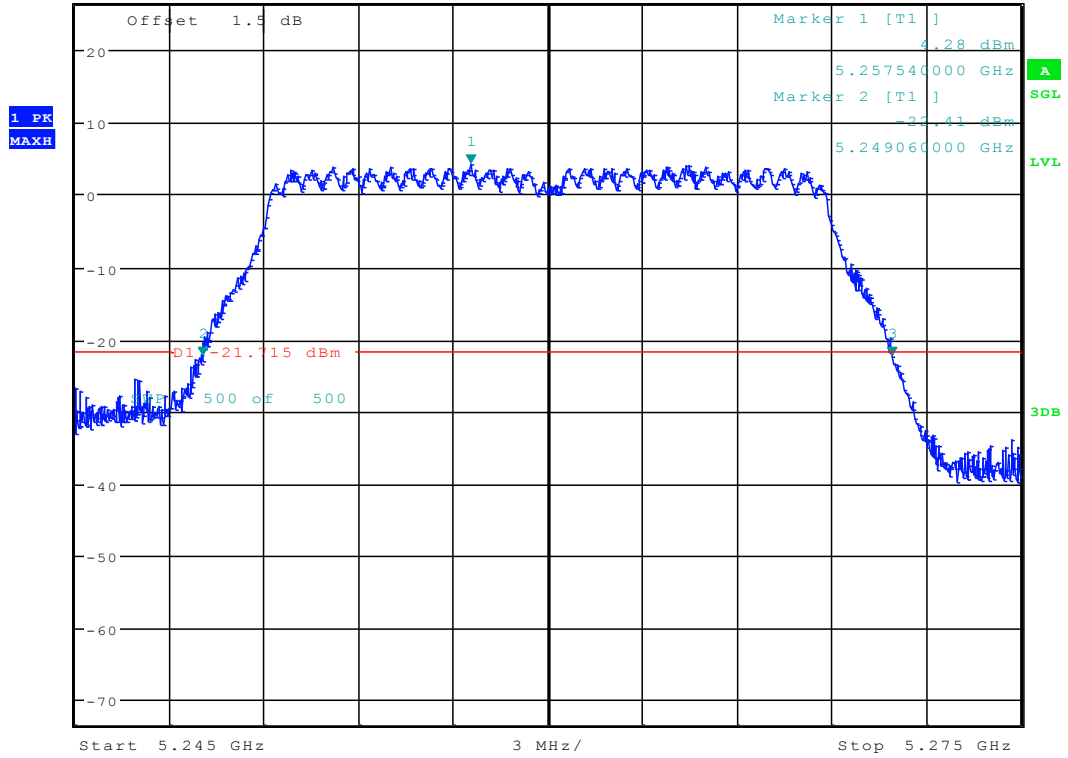




### 3.34 11N20MIMO\_52 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.31 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.270900000 GHz

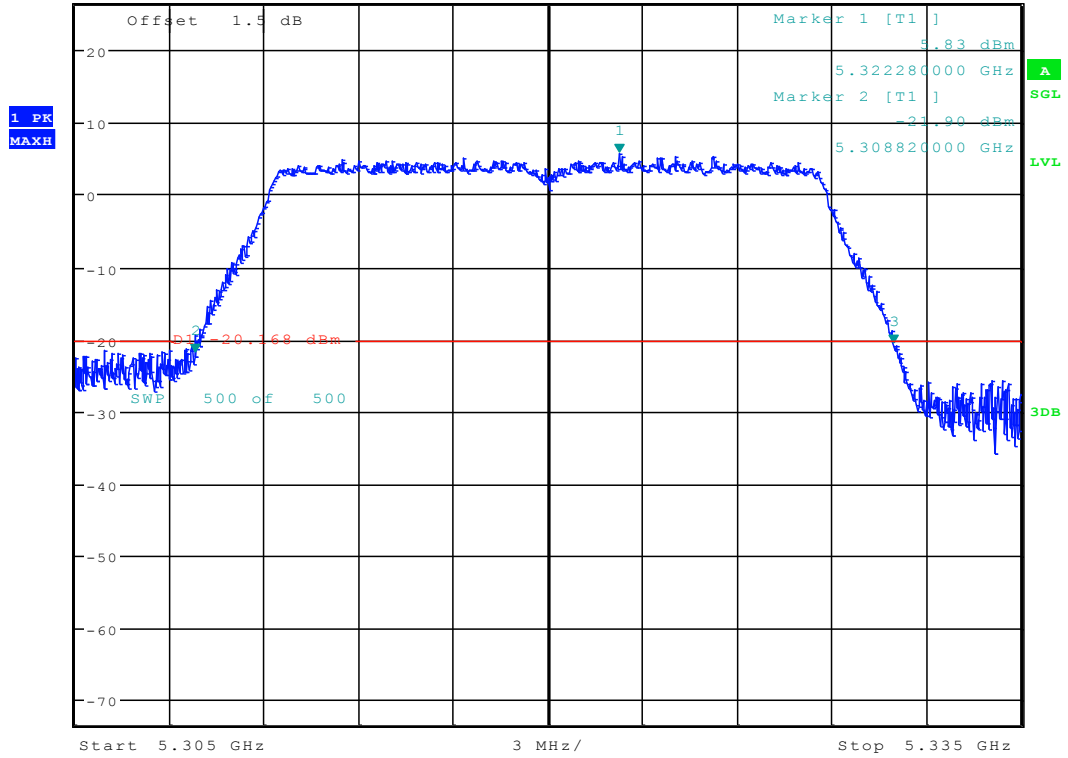


Date: 15.SEP.2017 14:13:21

### 3.35 11N20MIMO\_64 ANT 1

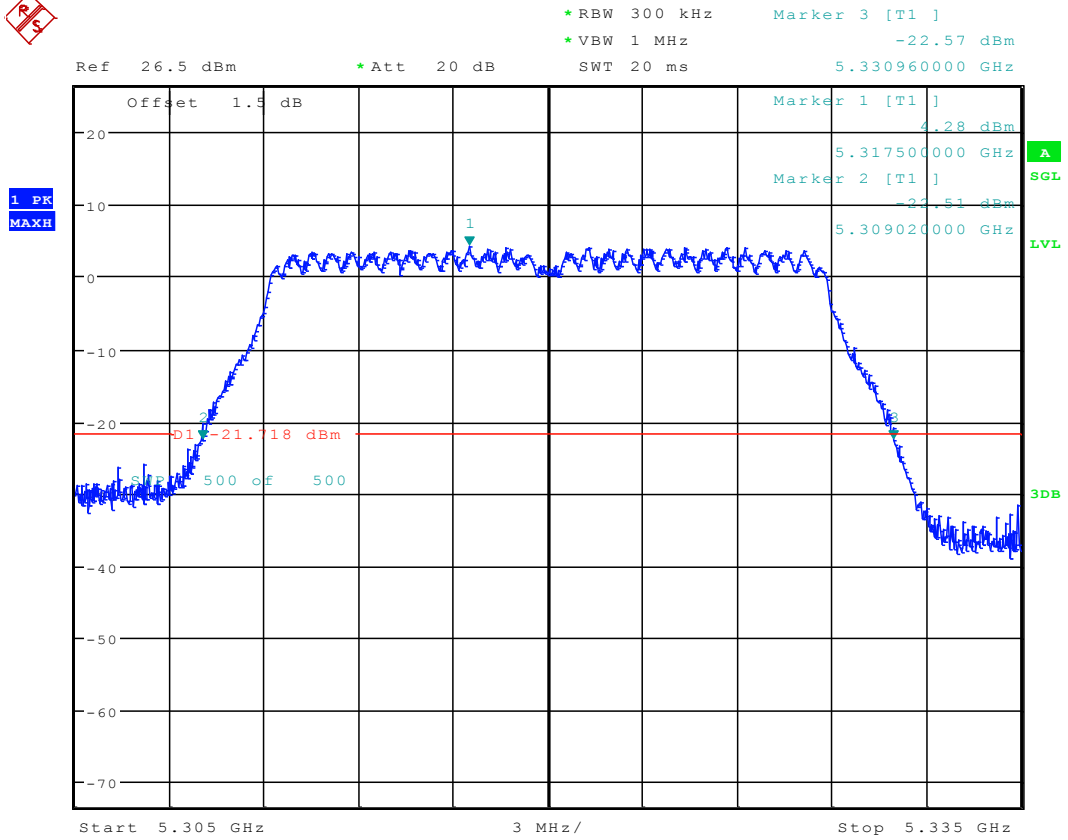


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.66 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.330940000 GHz



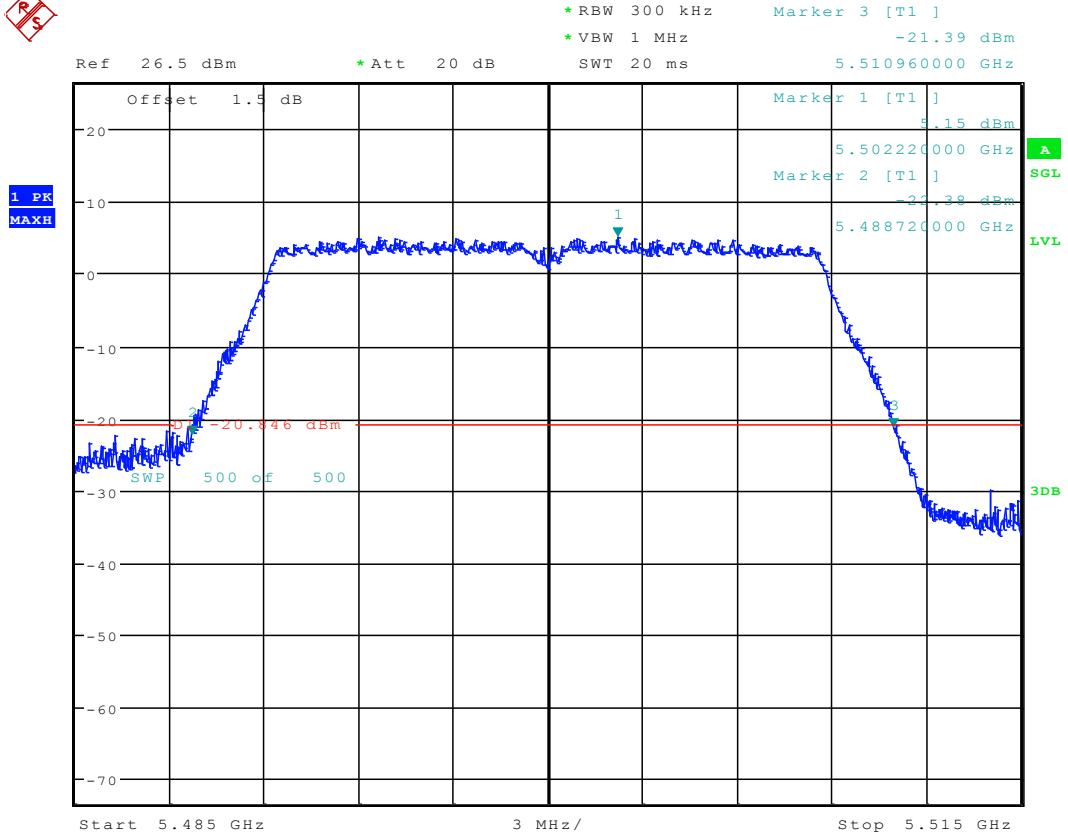
Date: 12.SEP.2017 17:59:09

### 3.36 11N20MIMO\_64 ANT 2



Date: 15.SEP.2017 14:15:56

### 3.37 11N20MIMO\_100 ANT 1



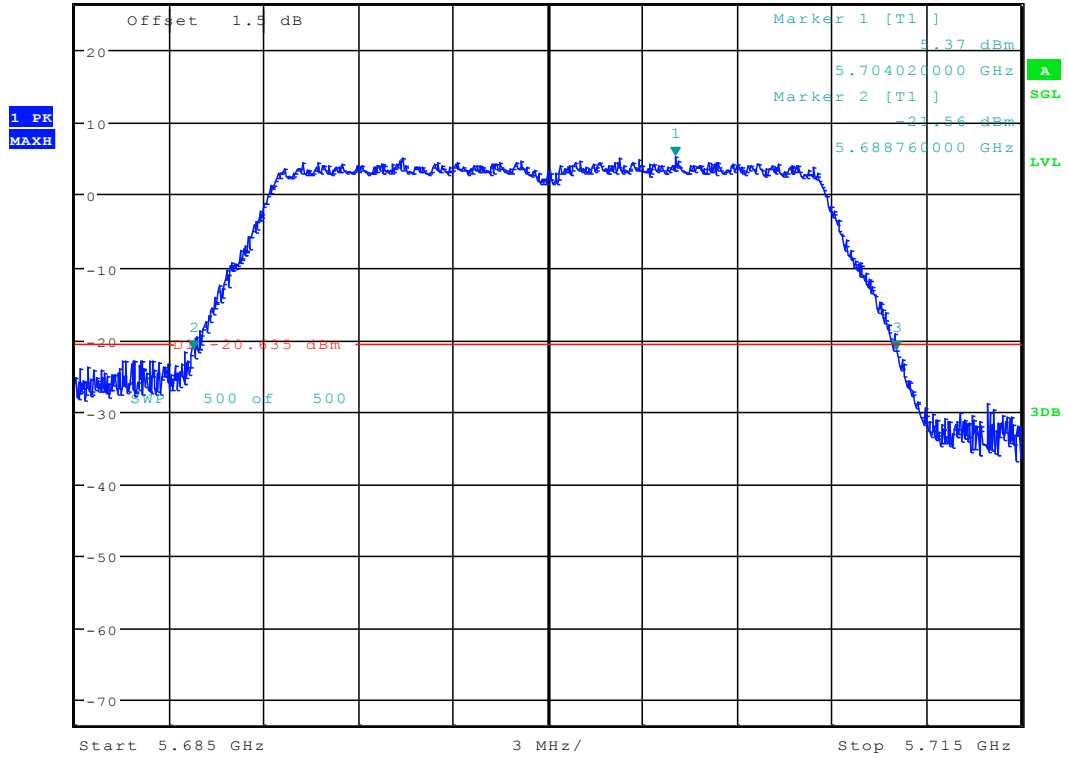
Date: 12.SEP.2017 18:01:57



### 3.39 11N20MIMO\_140 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.54 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.711040000 GHz

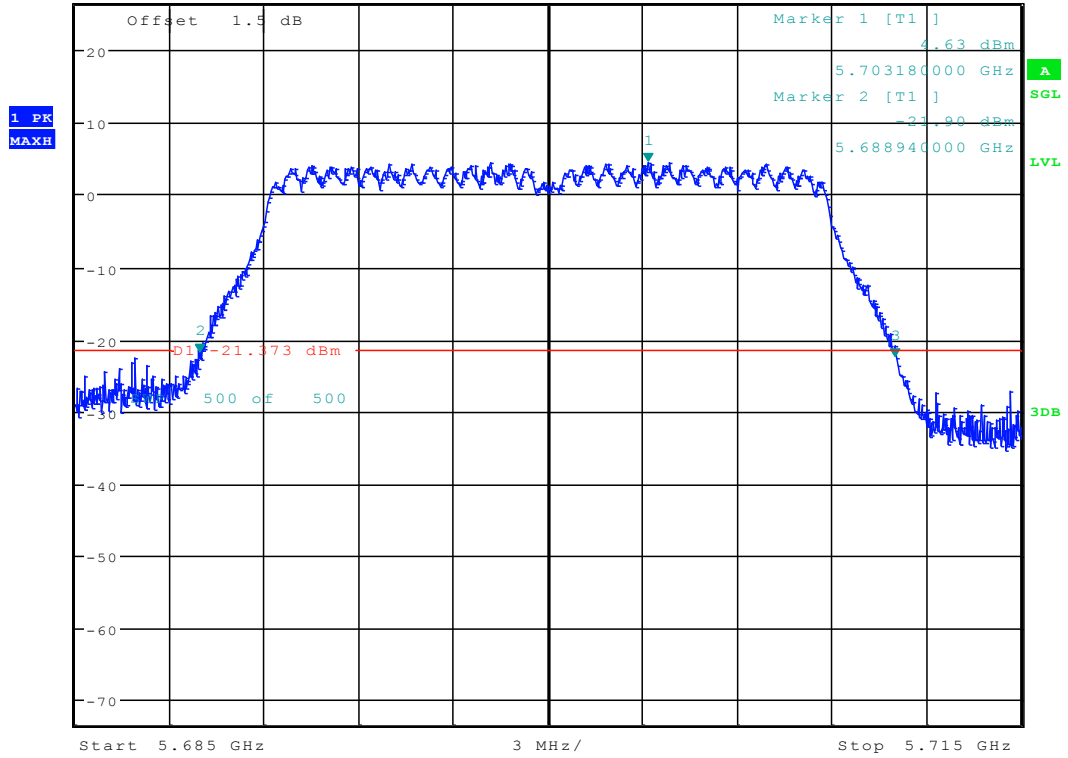


Date: 12.SEP.2017 18:04:40

### 3.40 11N20MIMO\_140 ANT 2

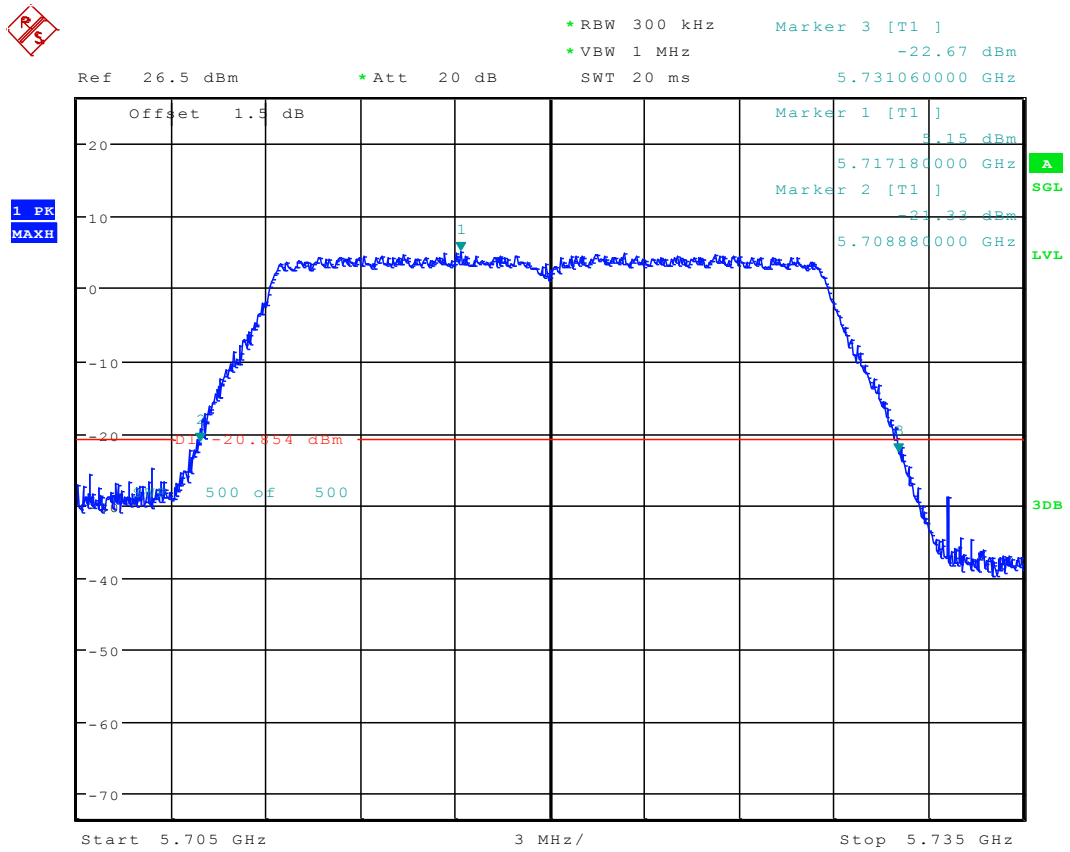


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.50 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.711020000 GHz



Date: 15.SEP.2017 14:21:46

### 3.41 11N20MIMO\_144 ANT 1



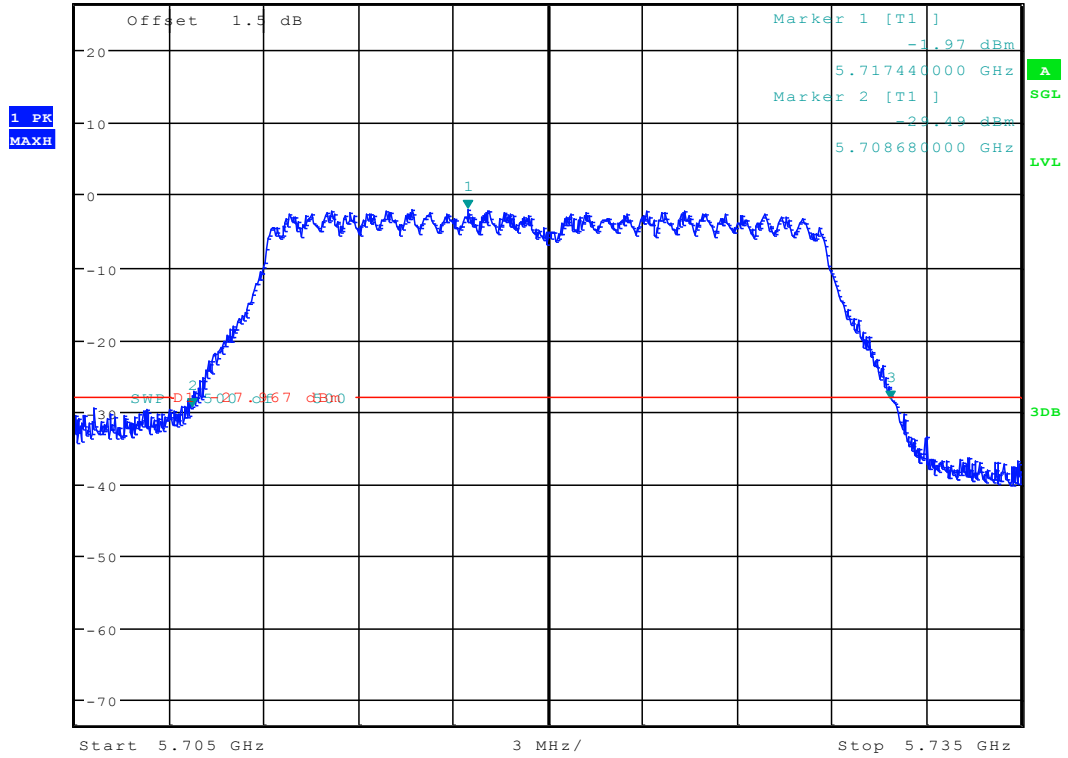
Date: 16.SEP.2017 10:57:42



### 3.42 11N20MIMO\_144 ANT 2

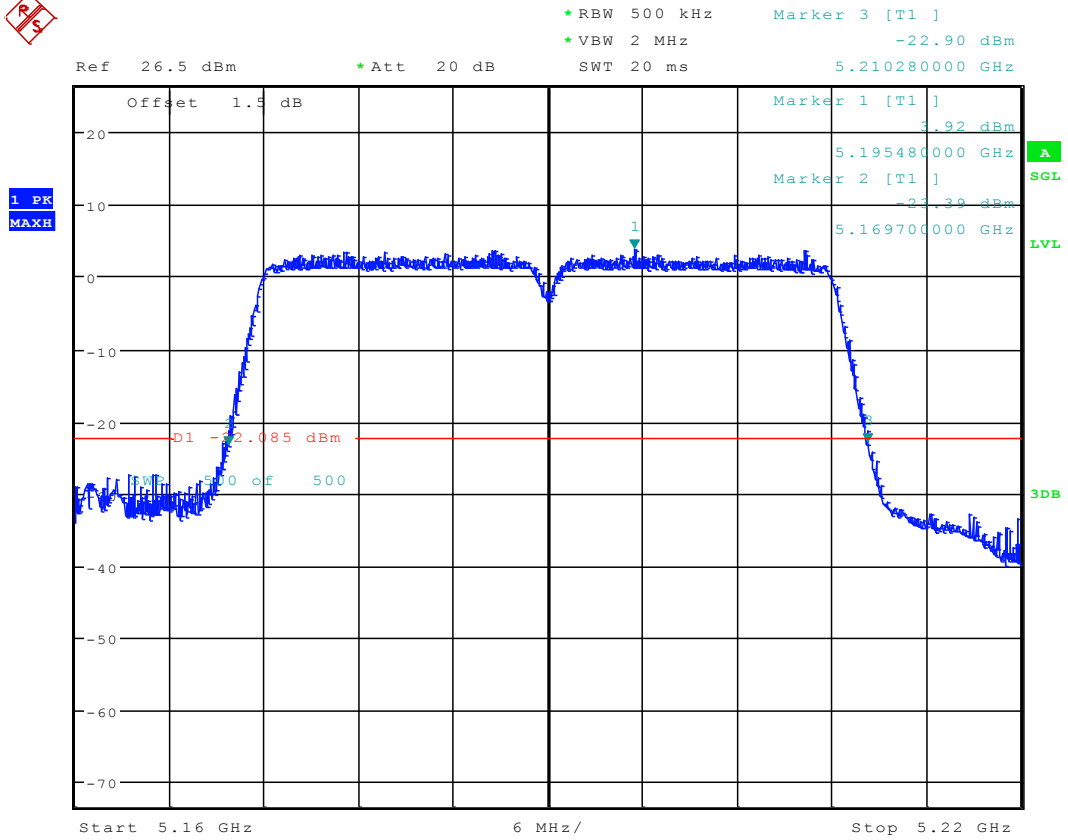


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -28.51 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.730880000 GHz



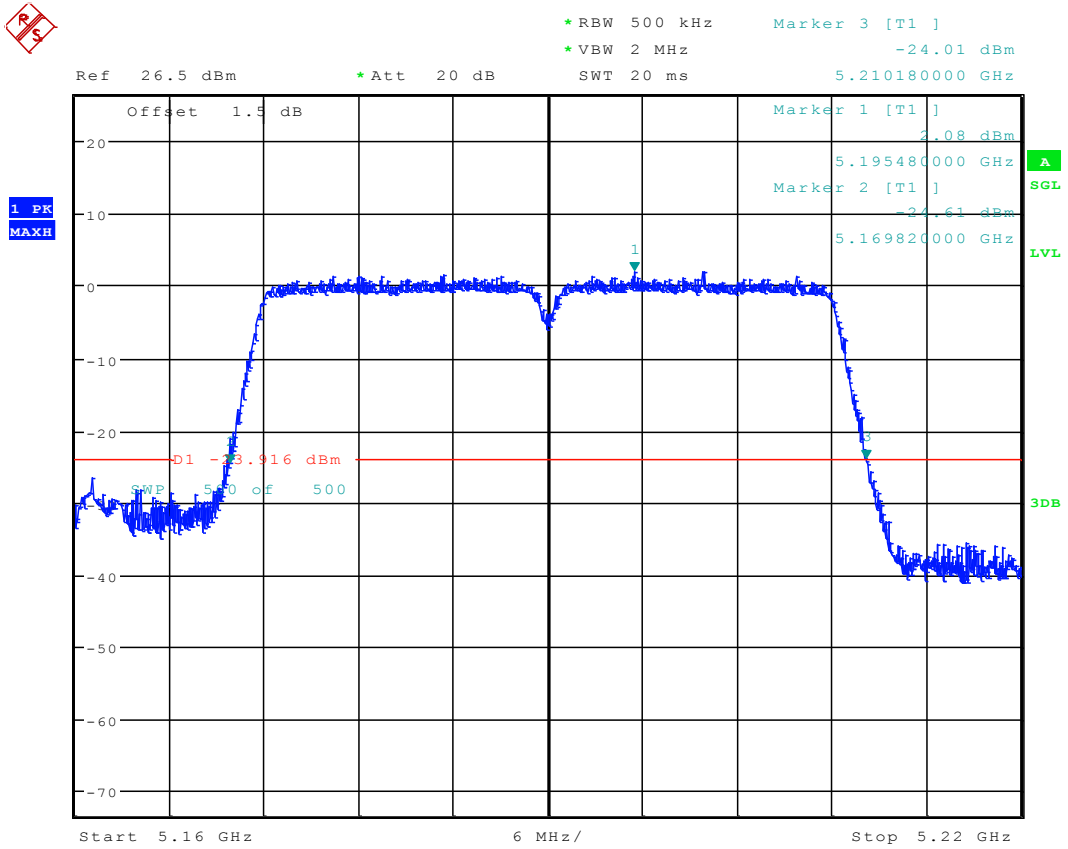
Date: 16.SEP.2017 11:21:37

## 3.43 11N40\_38 ANT 1



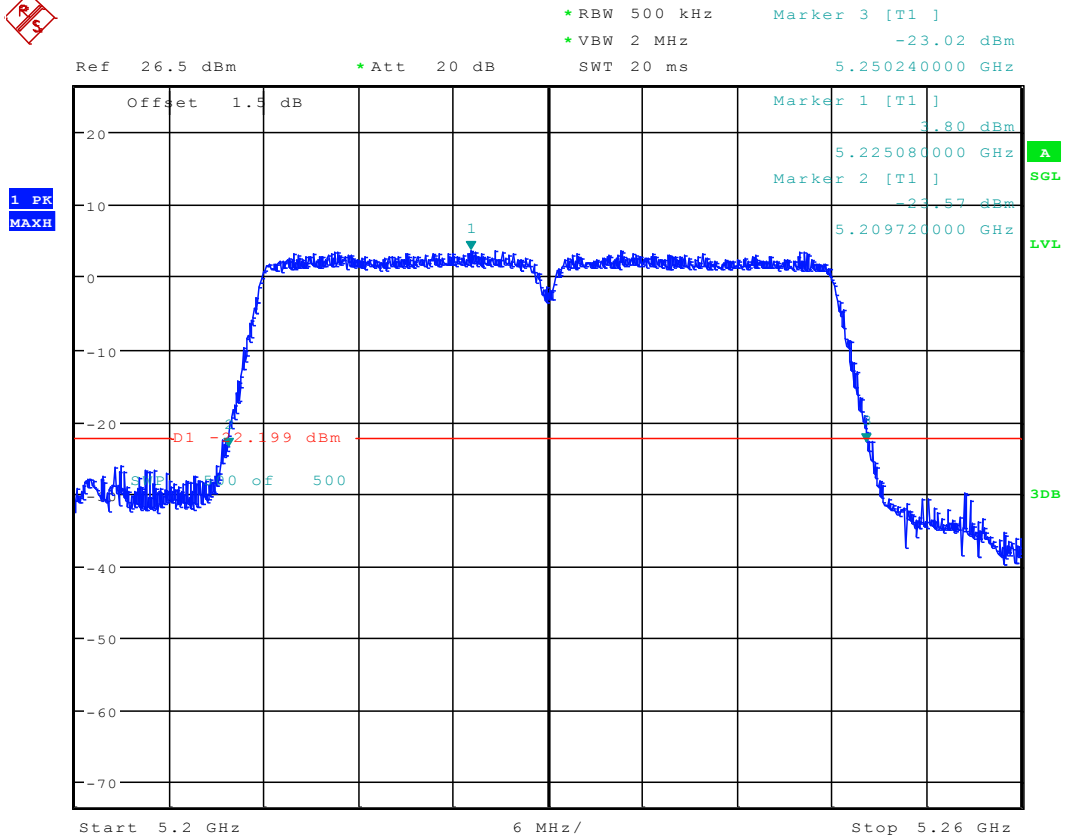
Date: 11.SEP.2017 17:56:59

### 3.44 11N40\_38 ANT 2



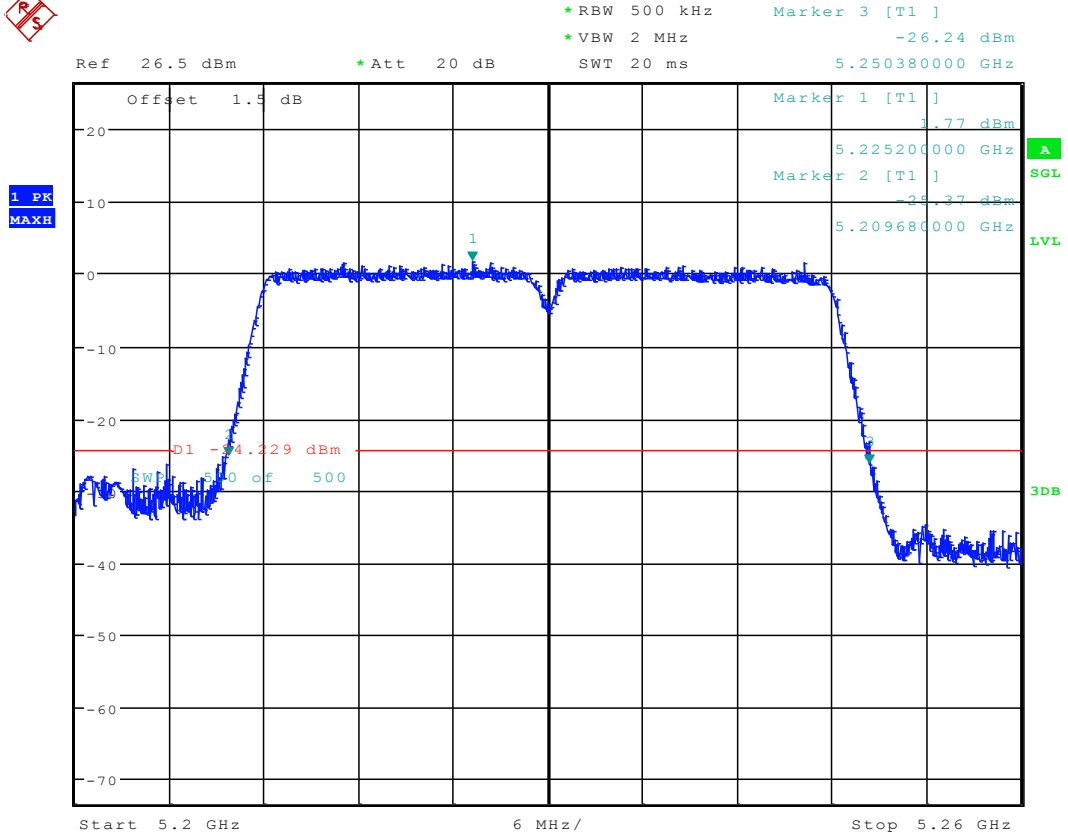
Date: 12.SEP.2017 16:44:19

### 3.45 11N40\_46 ANT 1



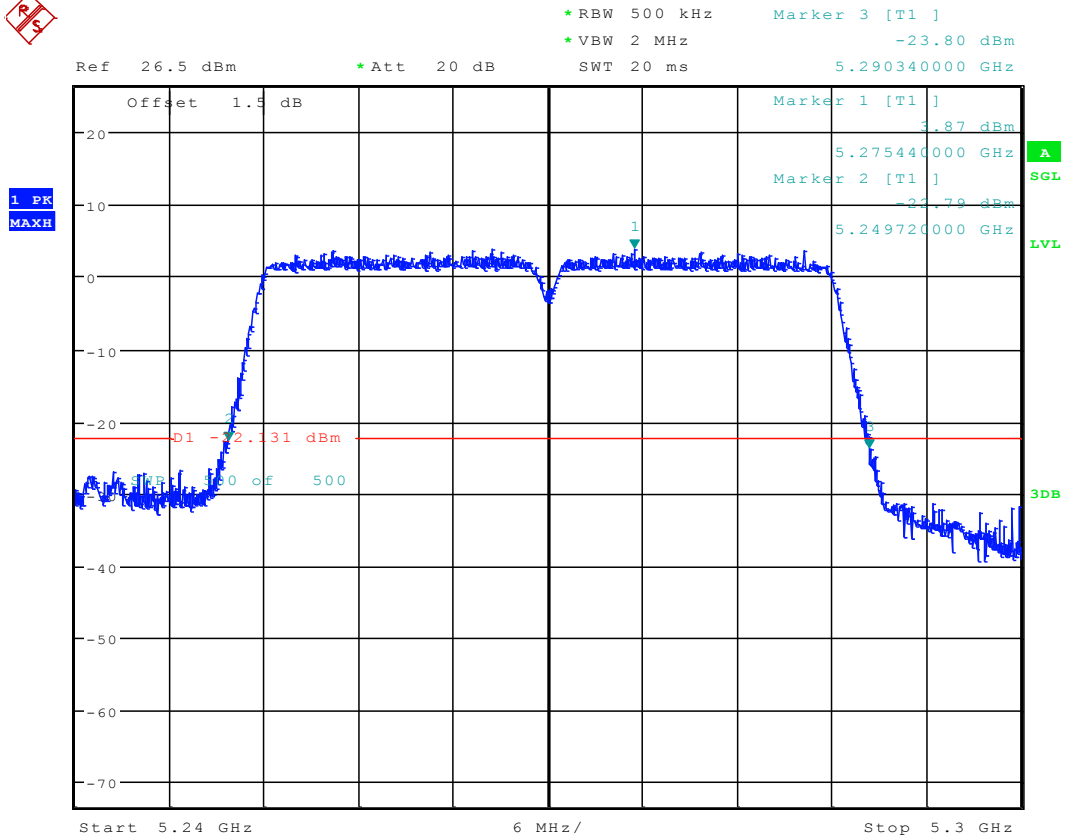
Date: 11.SEP.2017 17:59:54

### 3.46 11N40\_46 ANT 2



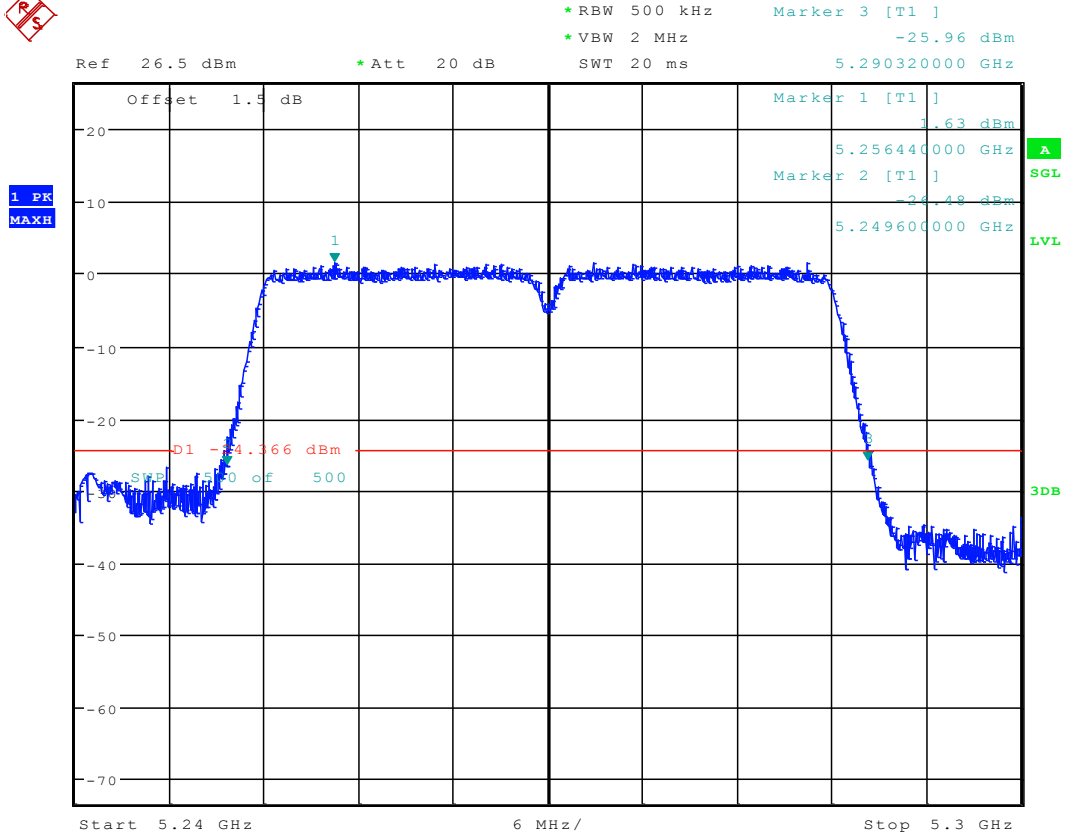
Date: 12.SEP.2017 16:48:23

### 3.47 11N40\_54 ANT 1



Date: 11.SEP.2017 18:03:46

### 3.48 11N40\_54 ANT 2



Date: 12.SEP.2017 16:51:32

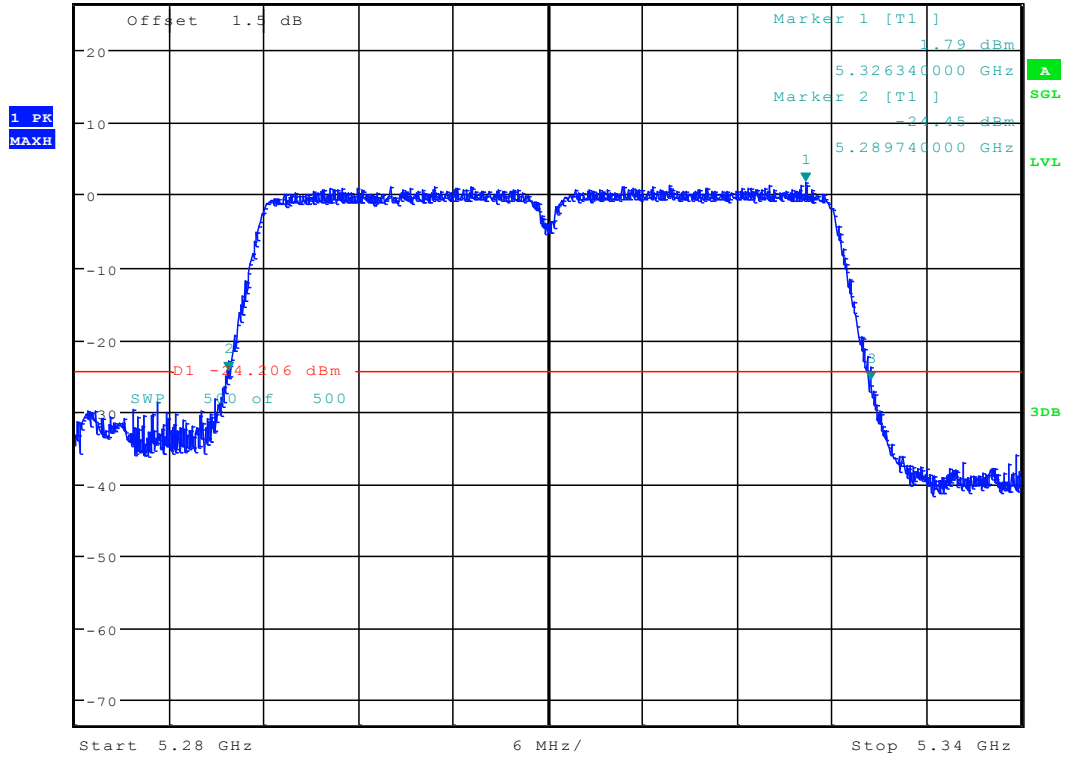




### 3.50 11N40\_62 ANT 2



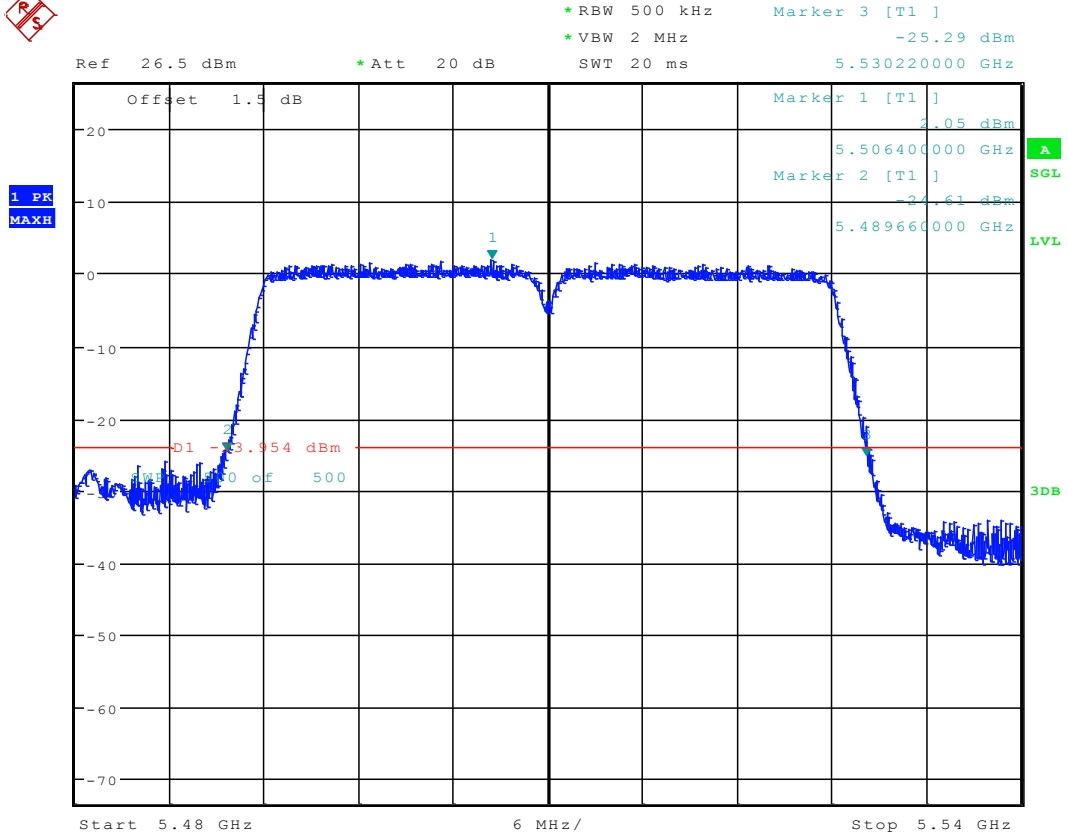
\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.66 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.330480000 GHz



Date: 12.SEP.2017 16:54:30

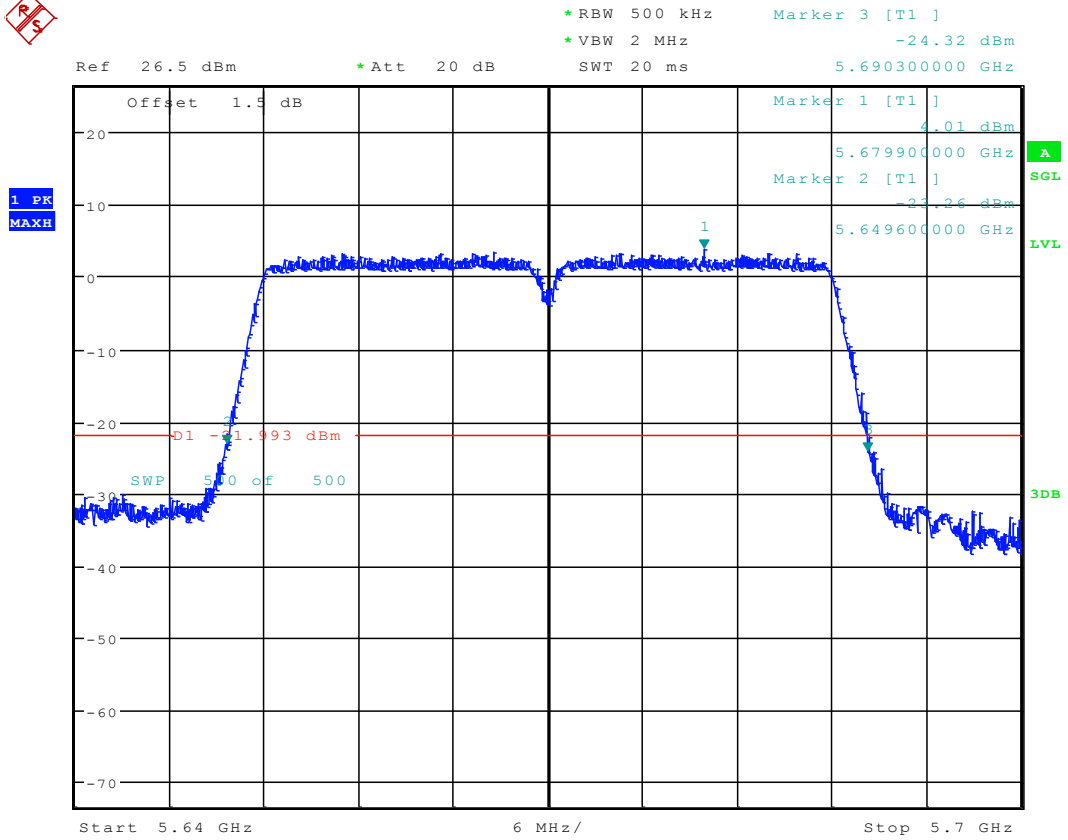


### 3.52 11N40\_102 ANT 2



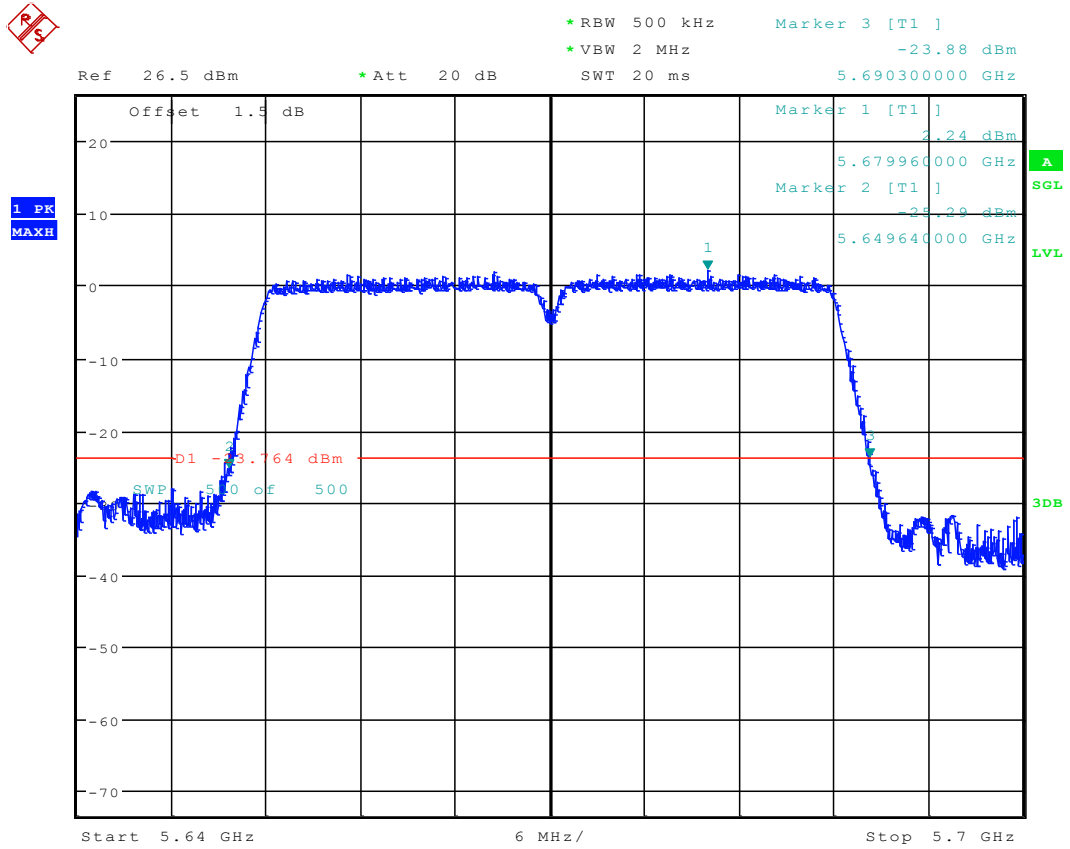
Date: 12.SEP.2017 16:57:13

### 3.53 11N40\_134 ANT 1



Date: 11.SEP.2017 18:13:21

### 3.54 11N40\_134 ANT 2

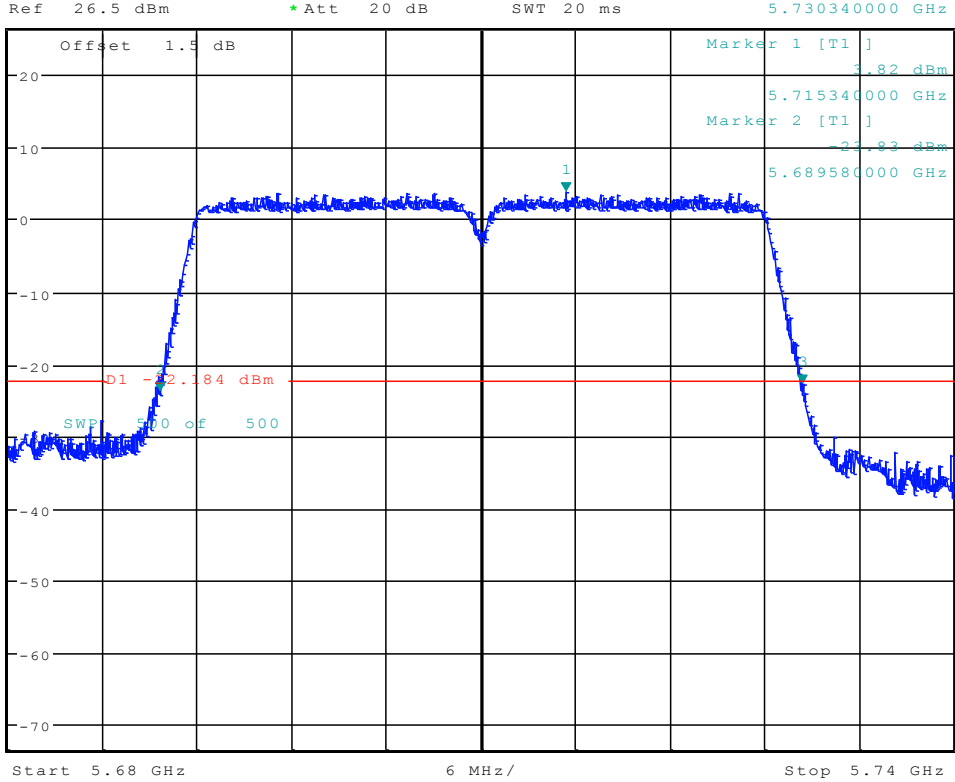


Date: 12.SEP.2017 17:00:15

### 3.55 11N40\_142 ANT 1

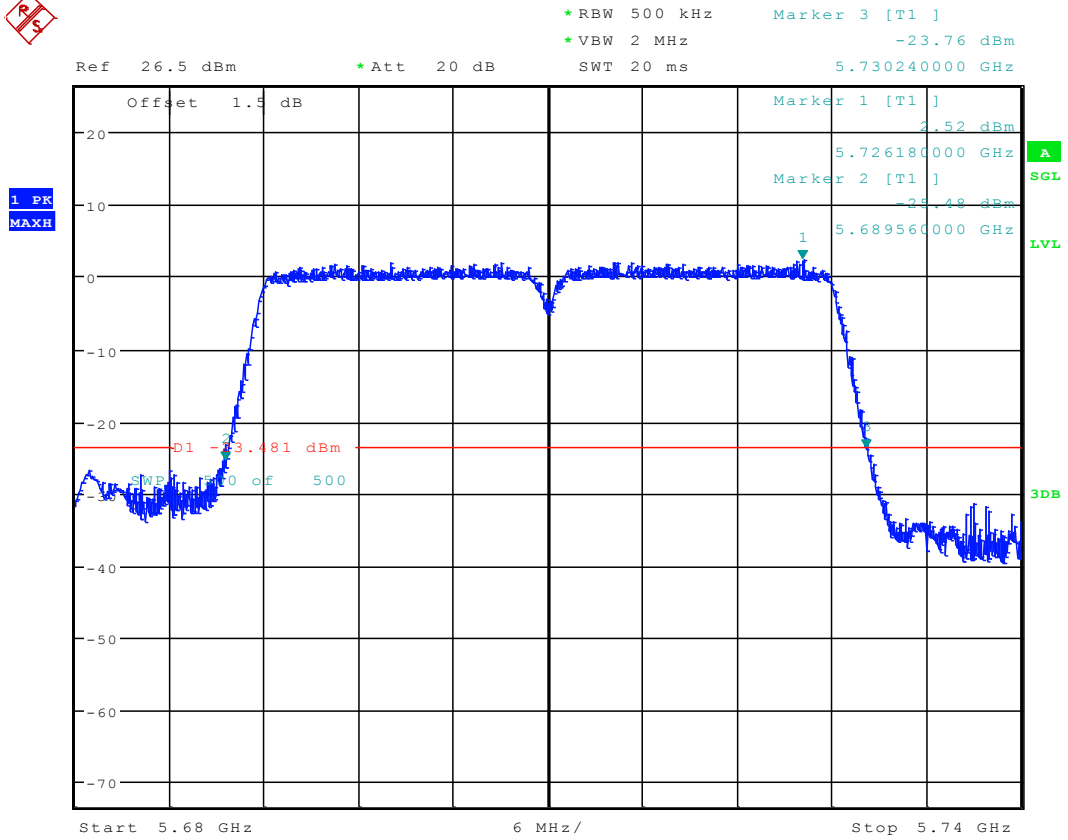


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -22.85 dBm  
 \*Att 20 dB      5.730340000 GHz  
 SWT 20 ms



Date: 18.SEP.2017 14:17:01

## 3.56 11N40\_142 ANT 2

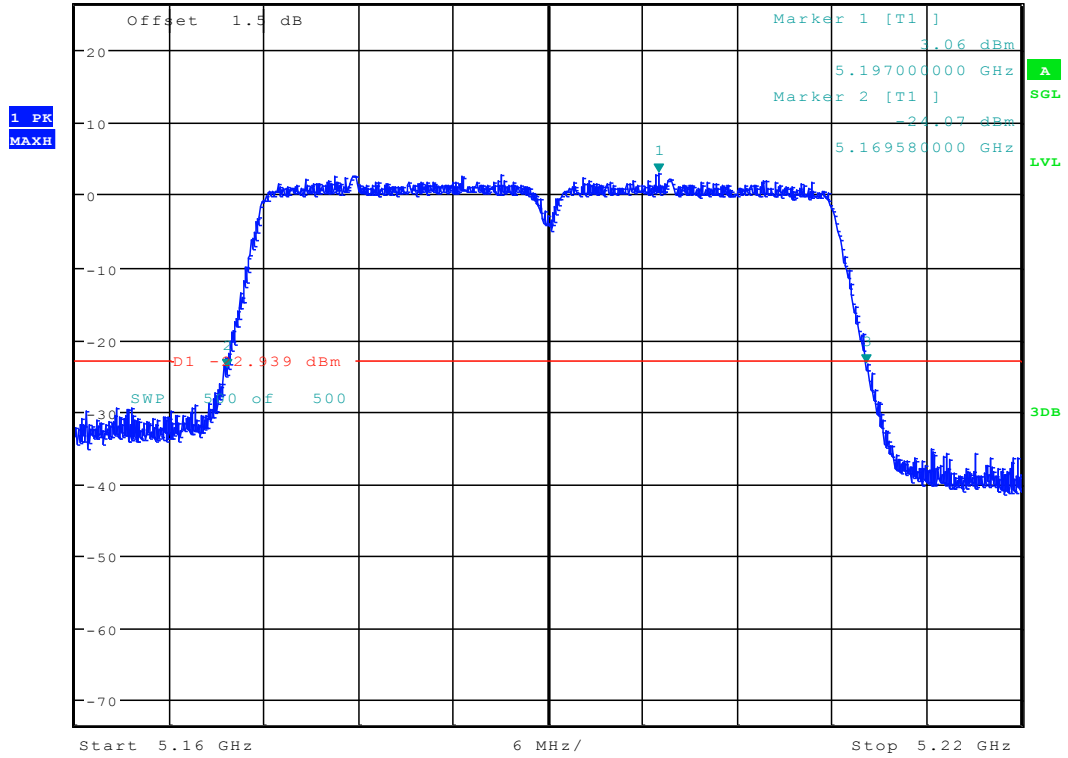


Date: 18.SEP.2017 14:49:01

### 3.57 11N40MIMO\_38 ANT 1



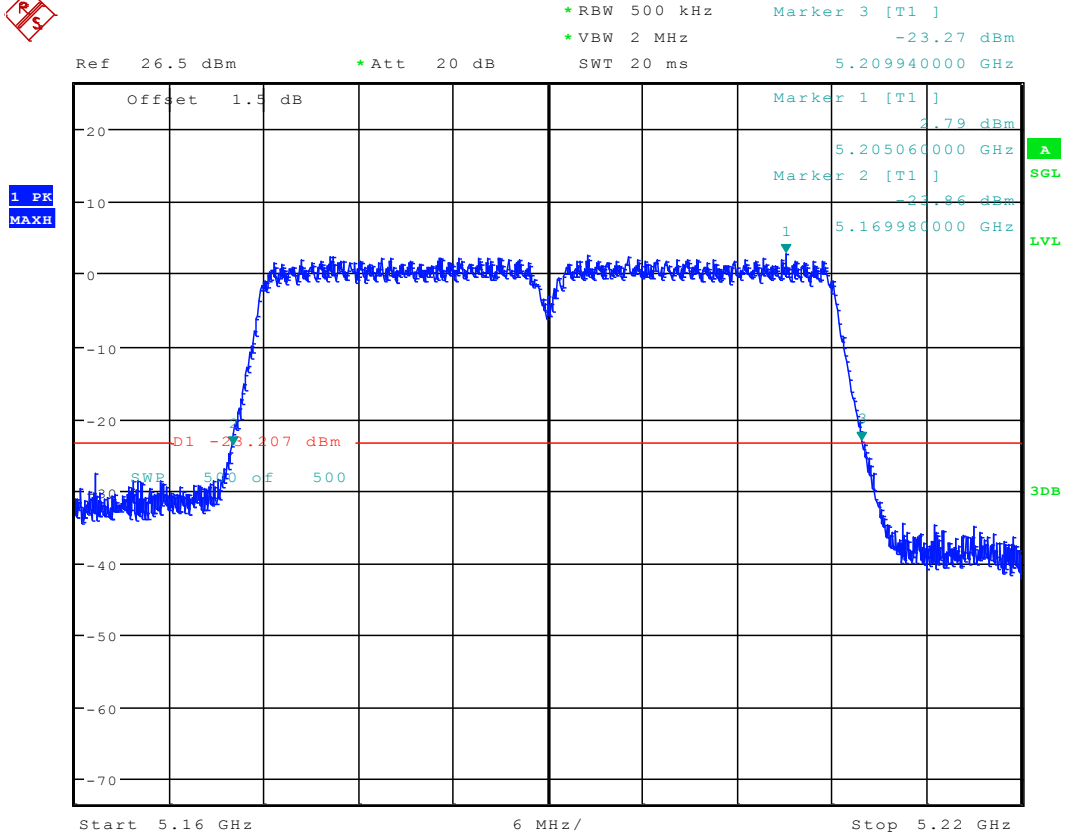
\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -23.47 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.210200000 GHz



Date: 13.SEP.2017 15:58:54



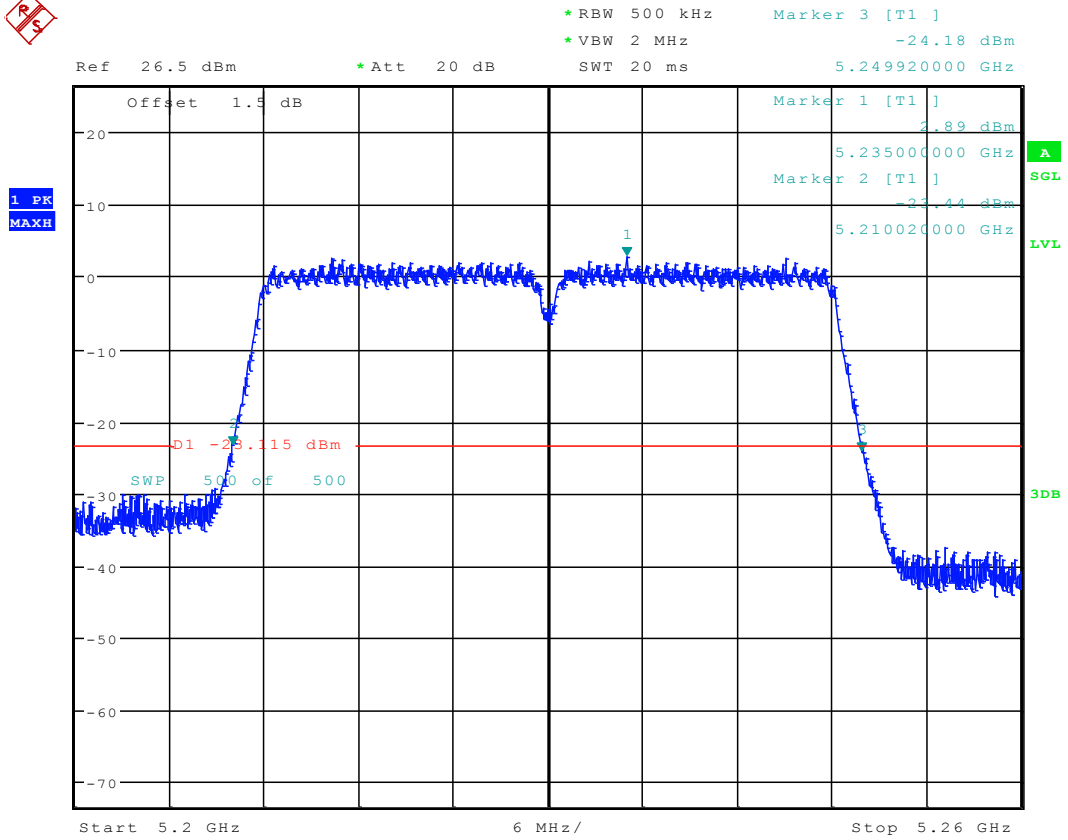
### 3.58 11N40MIMO\_38 ANT 2



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



### 3.60 11N40MIMO\_46 ANT 2

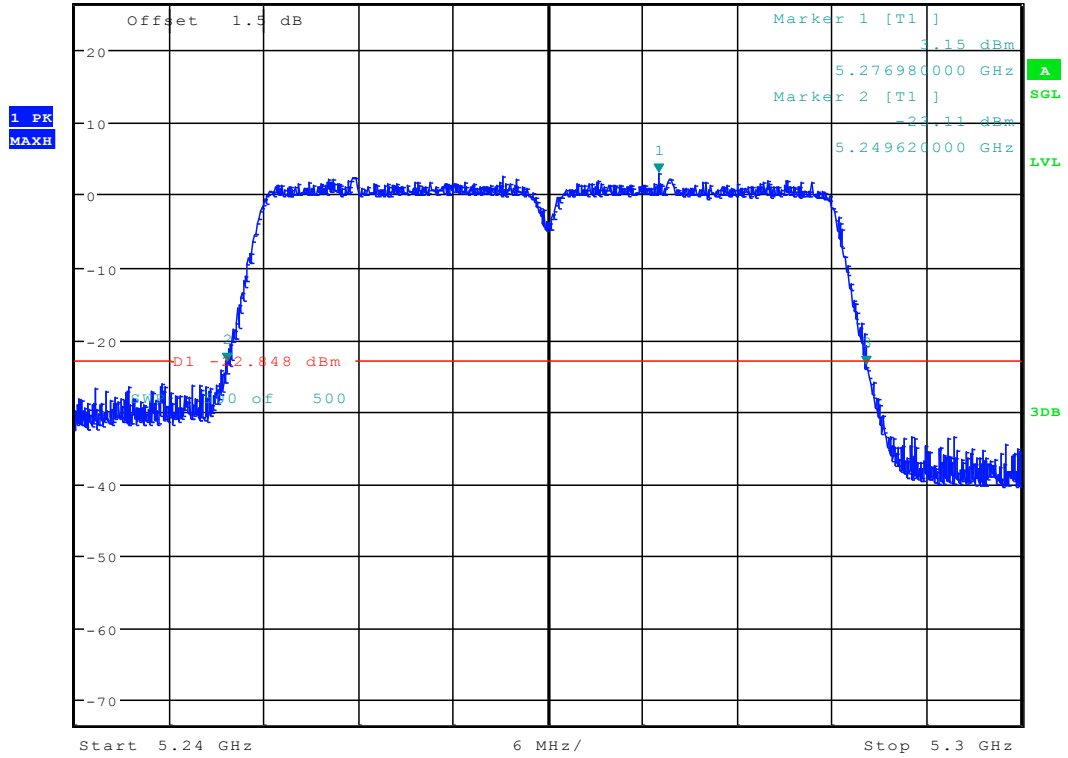


Date: 15.SEP.2017 16:14:20

### 3.61 11N40MIMO\_54 ANT 1

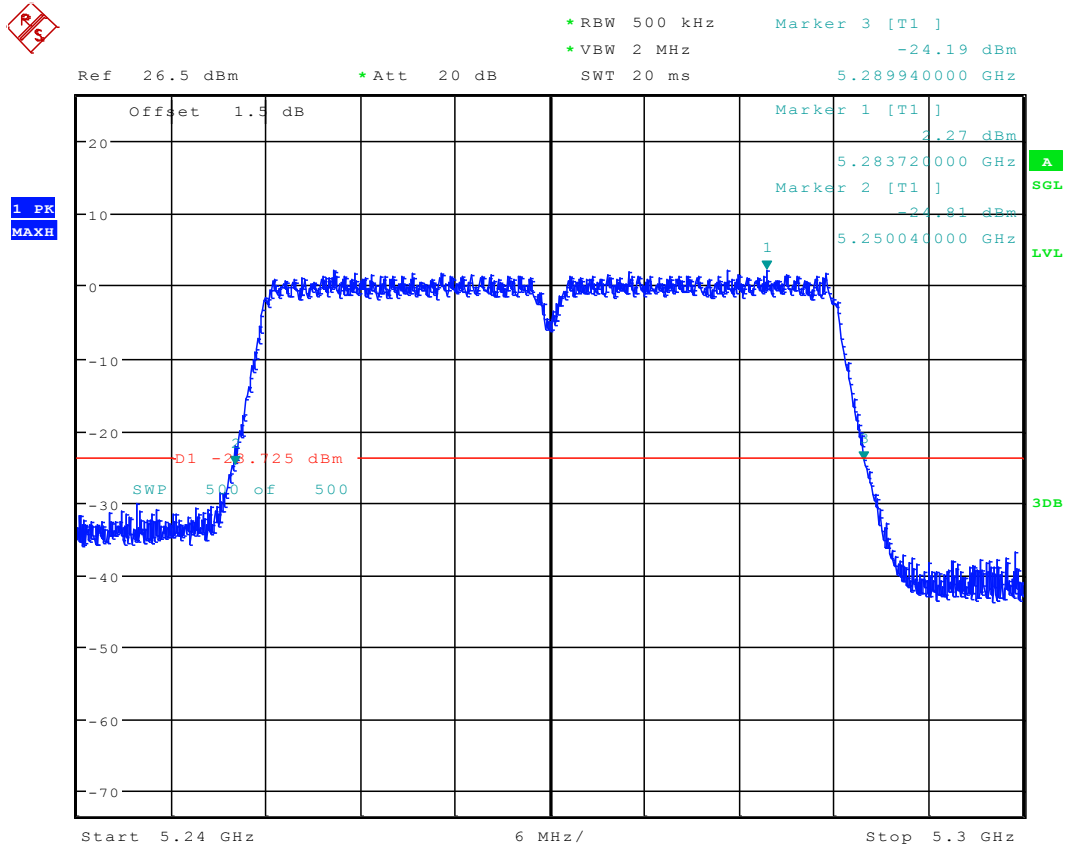


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -23.65 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.290220000 GHz



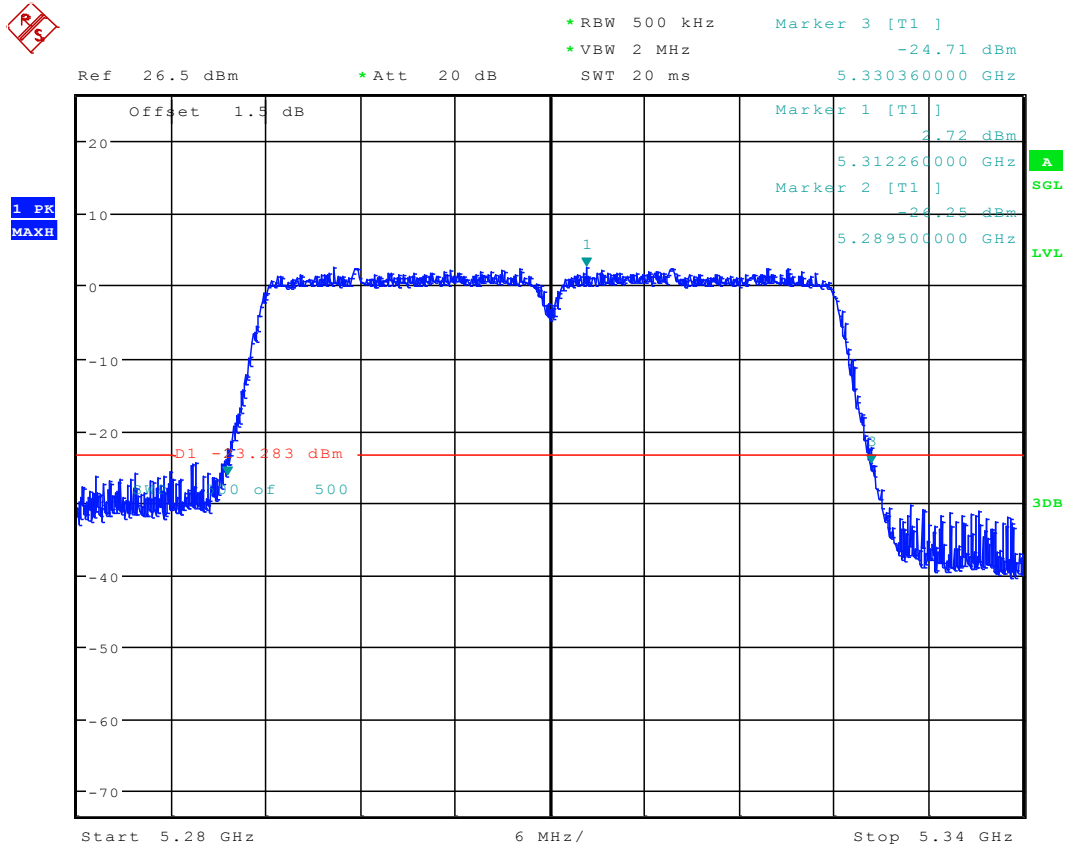
Date: 13.SEP.2017 16:06:33

## 3.62 11N40MIMO\_54 ANT 2



Date: 15.SEP.2017 16:19:45

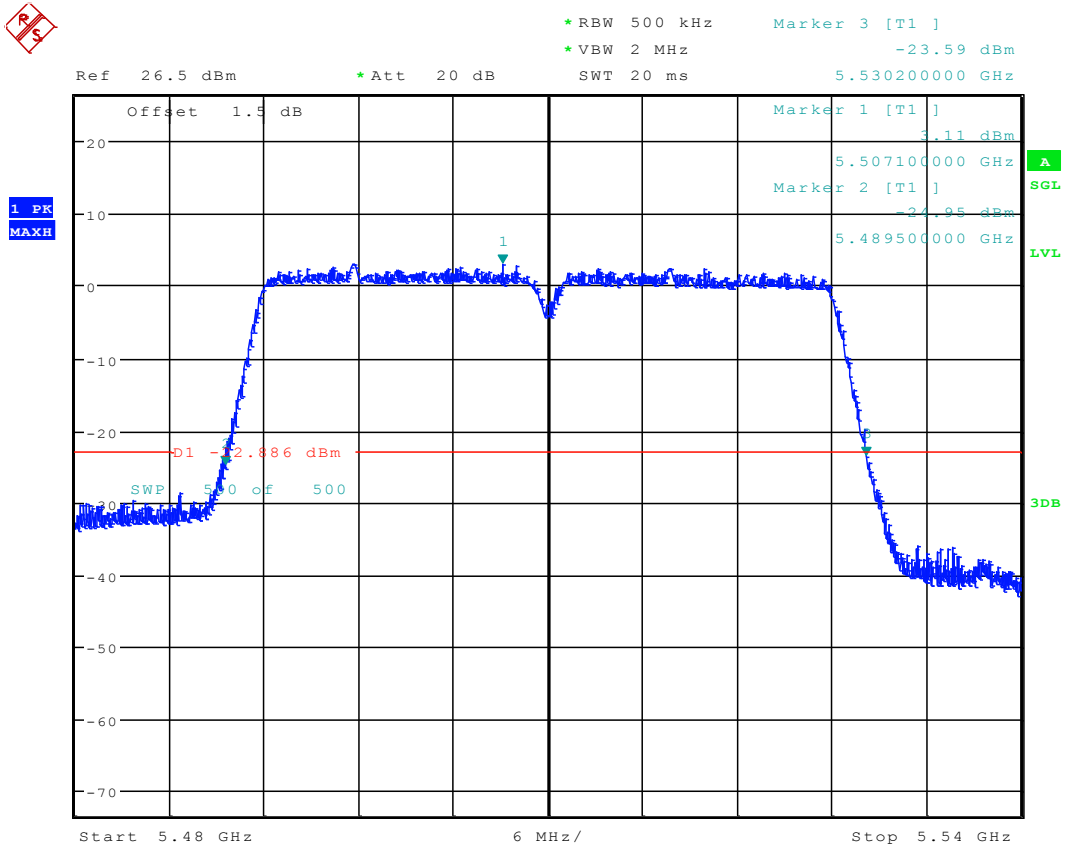
## 3.63 11N40MIMO\_62 ANT 1



Date: 13.SEP.2017 16:09:18



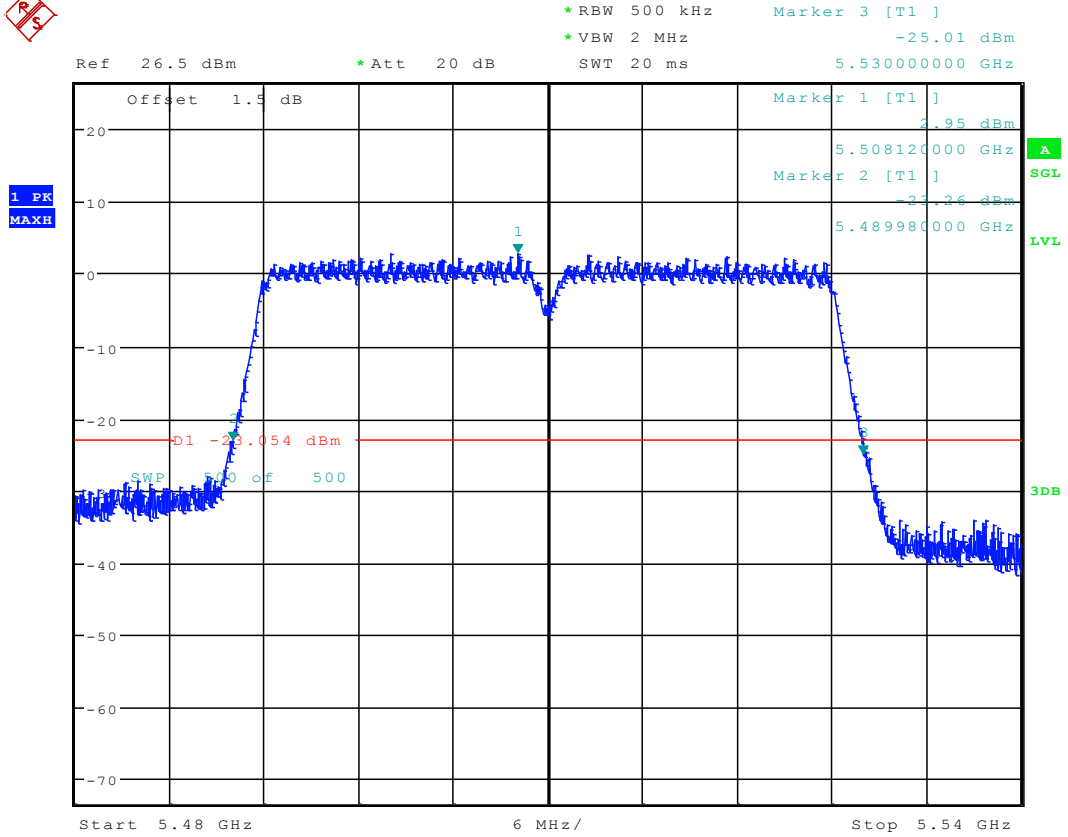
### 3.65 11N40MIMO\_102 ANT 1



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

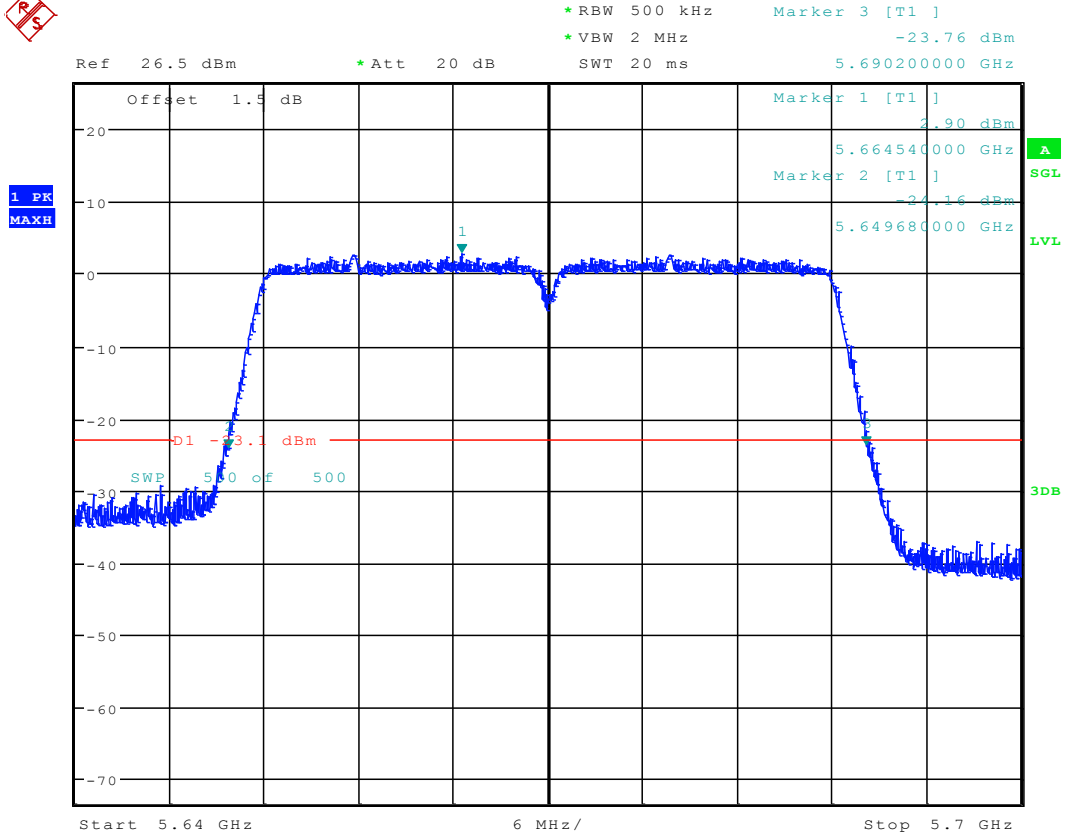


### 3.66 11N40MIMO\_102 ANT 2



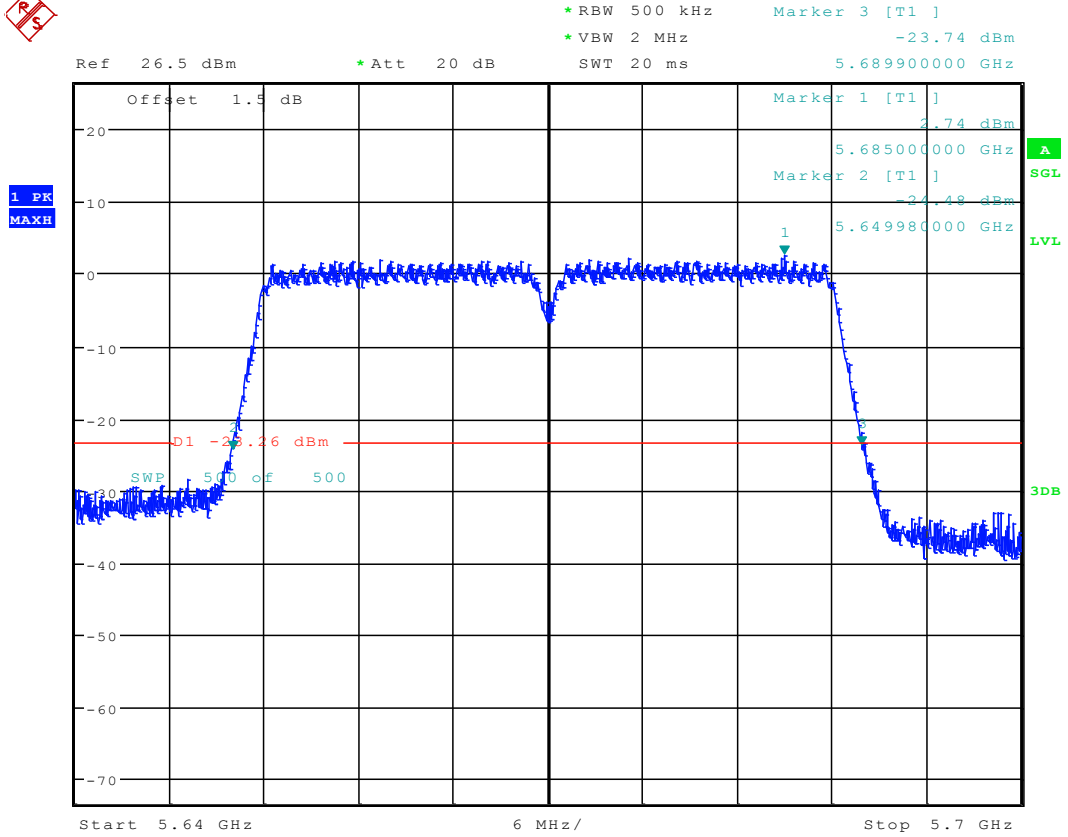
Date: 15.SEP.2017 16:25:12

### 3.67 11N40MIMO\_134 ANT 1



Date: 13.SEP.2017 16:16:06

### 3.68 11N40MIMO\_134 ANT 2

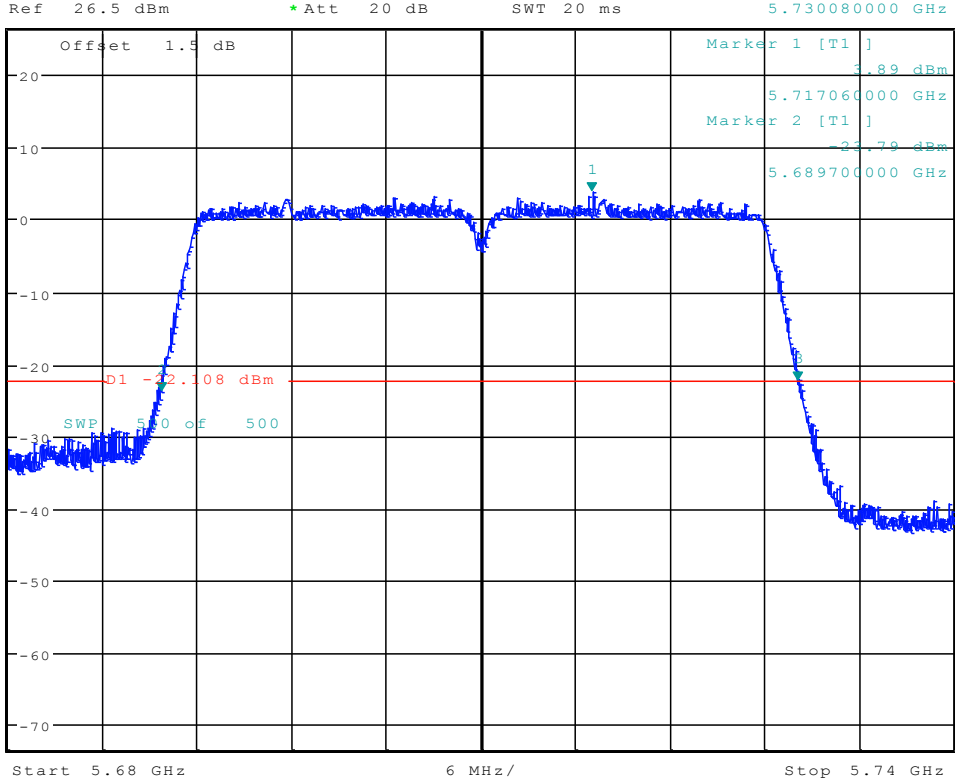


Date: 15.SEP.2017 16:27:52

### 3.69 11N40MIMO\_142 ANT 1

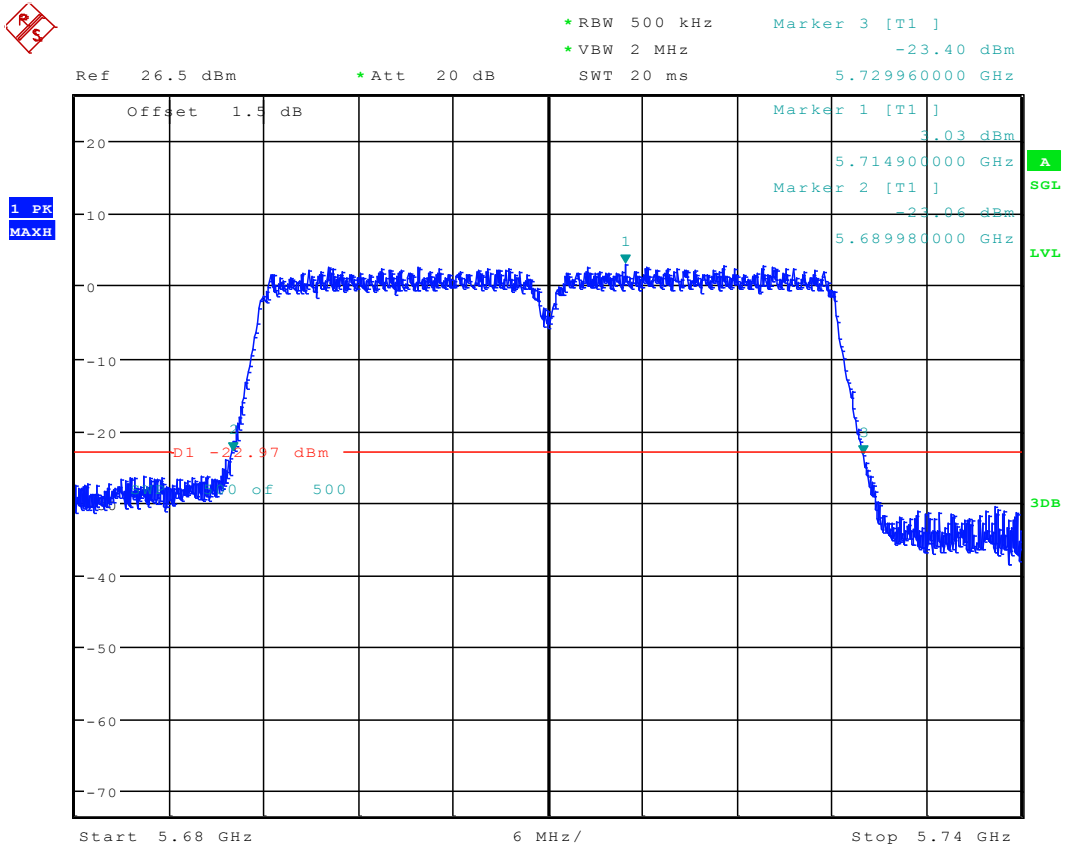


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -22.33 dBm  
 \*Att 20 dB      5.730080000 GHz  
 SWT 20 ms



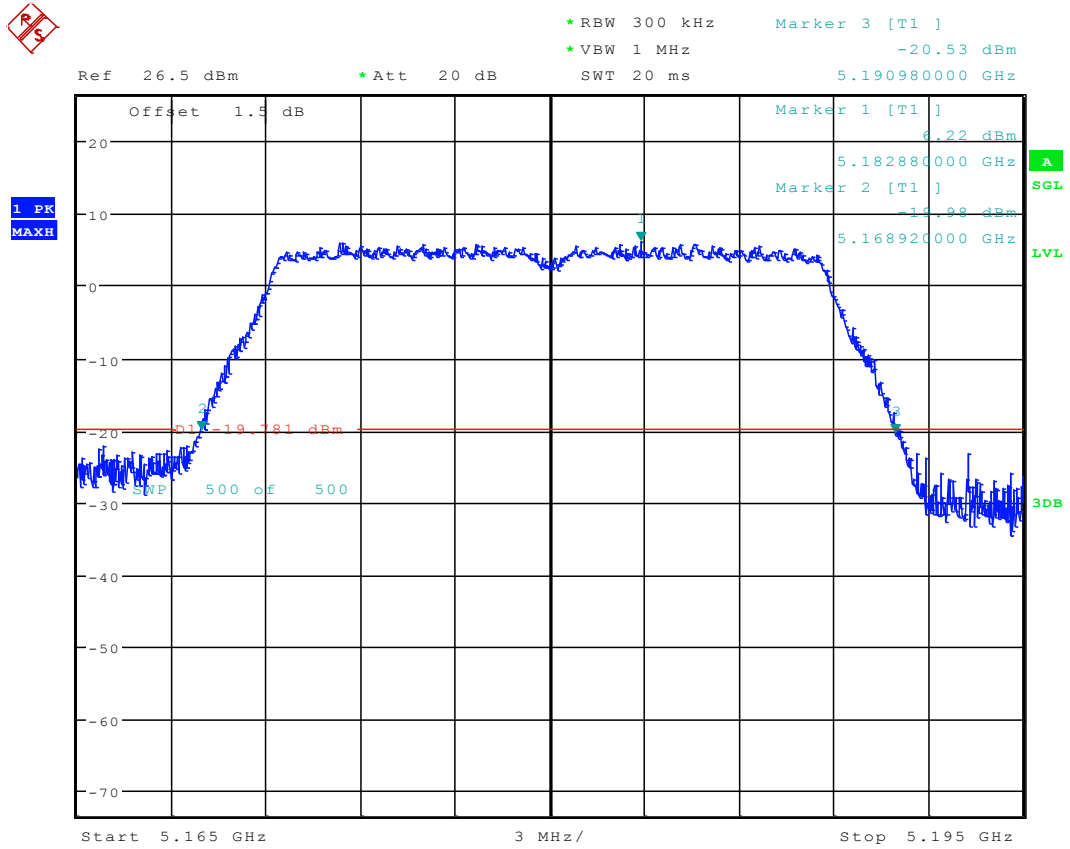
Date: 16.SEP.2017 11:04:22

### 3.70 11N40MIMO\_142 ANT 2



Date: 16.SEP.2017 11:39:10

## 3.71 11AC20\_36 ANT 1

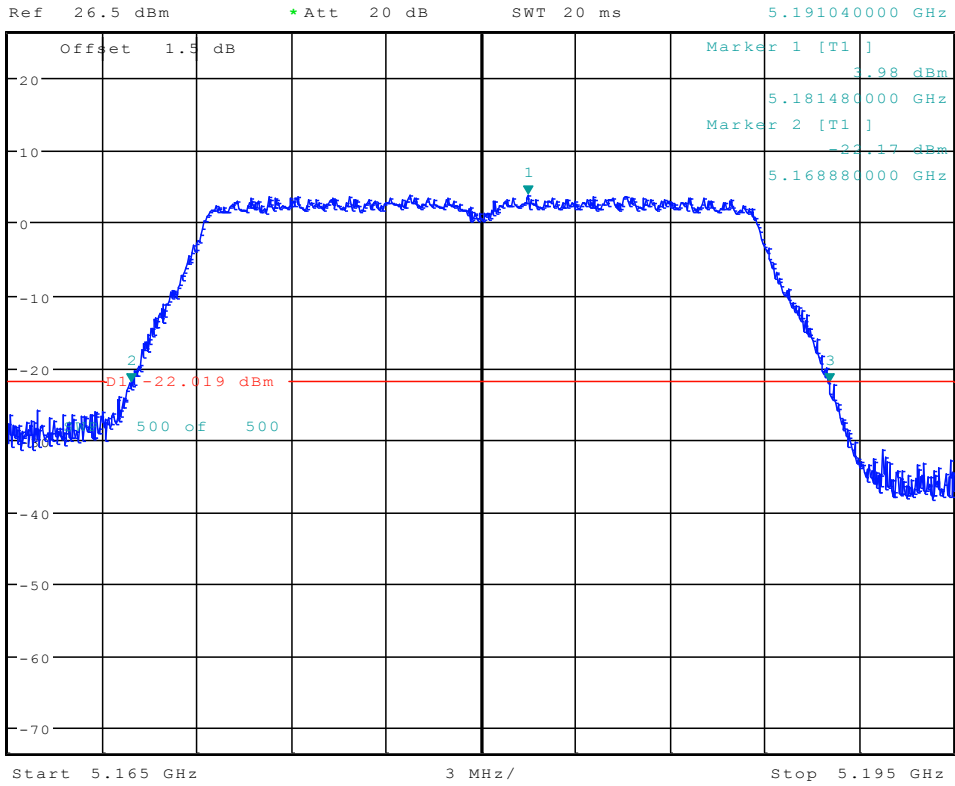


Date: 11.SEP.2017 16:12:24

### 3.72 11AC20\_36 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.15 dBm  
 SWT 20 ms      5.191040000 GHz

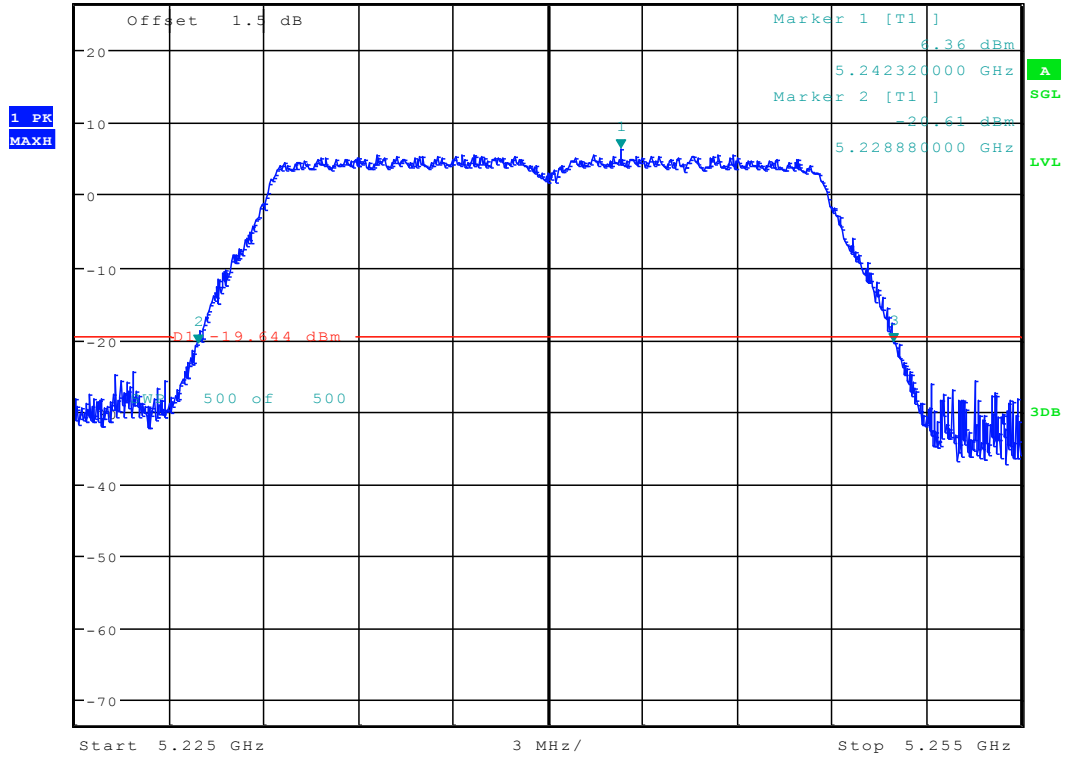


Date: 12.SEP.2017 15:47:41

### 3.73 11AC20\_48 ANT 1



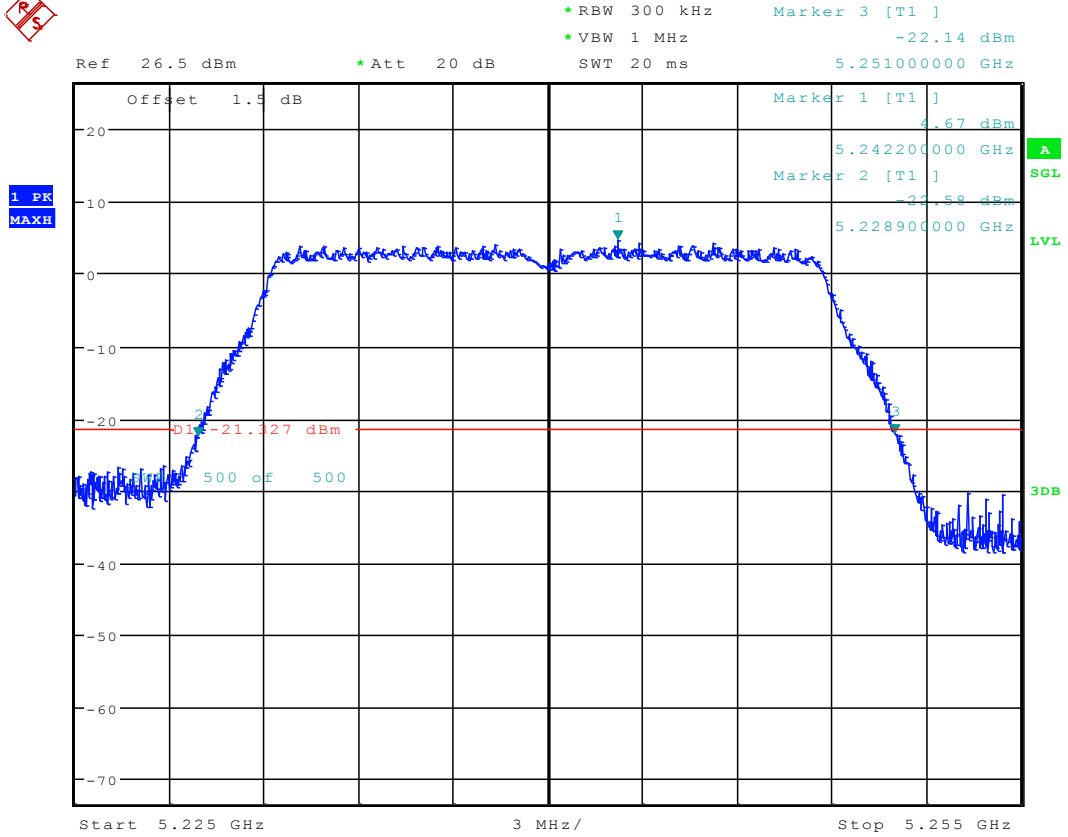
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.44 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.250980000 GHz



Date: 11.SEP.2017 16:58:09



### 3.74 11AC20\_48 ANT 2

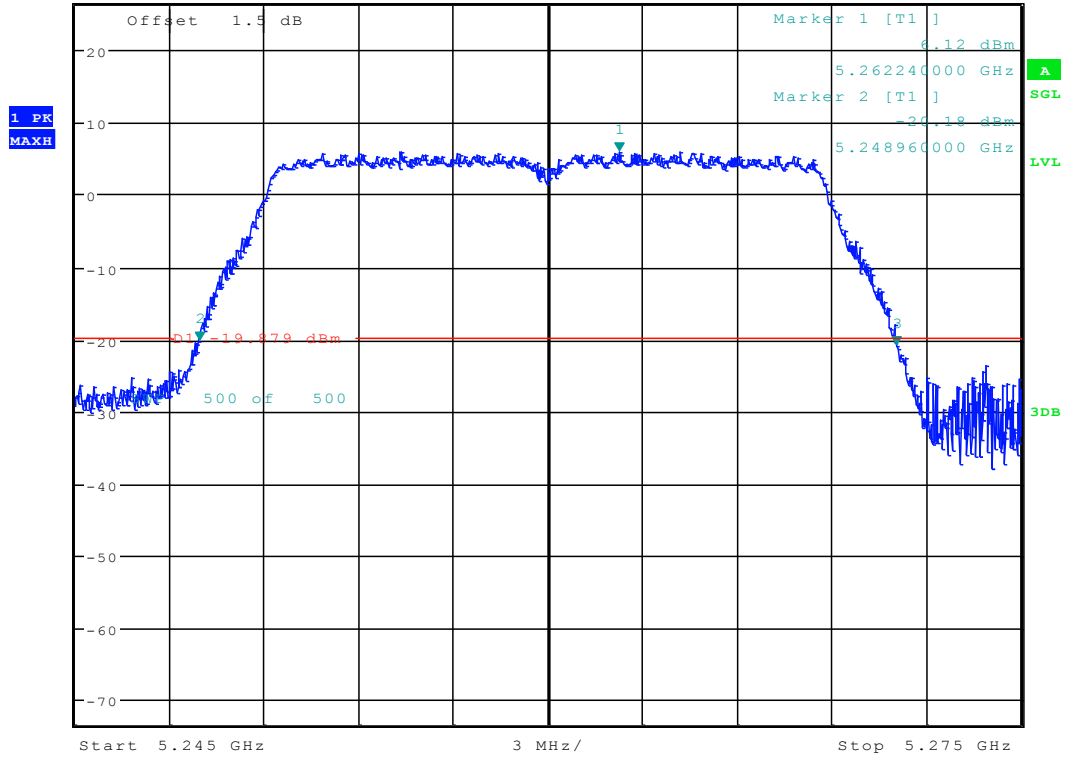


Date: 12.SEP.2017 15:51:31

### 3.75 11AC20\_52 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.95 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.271080000 GHz

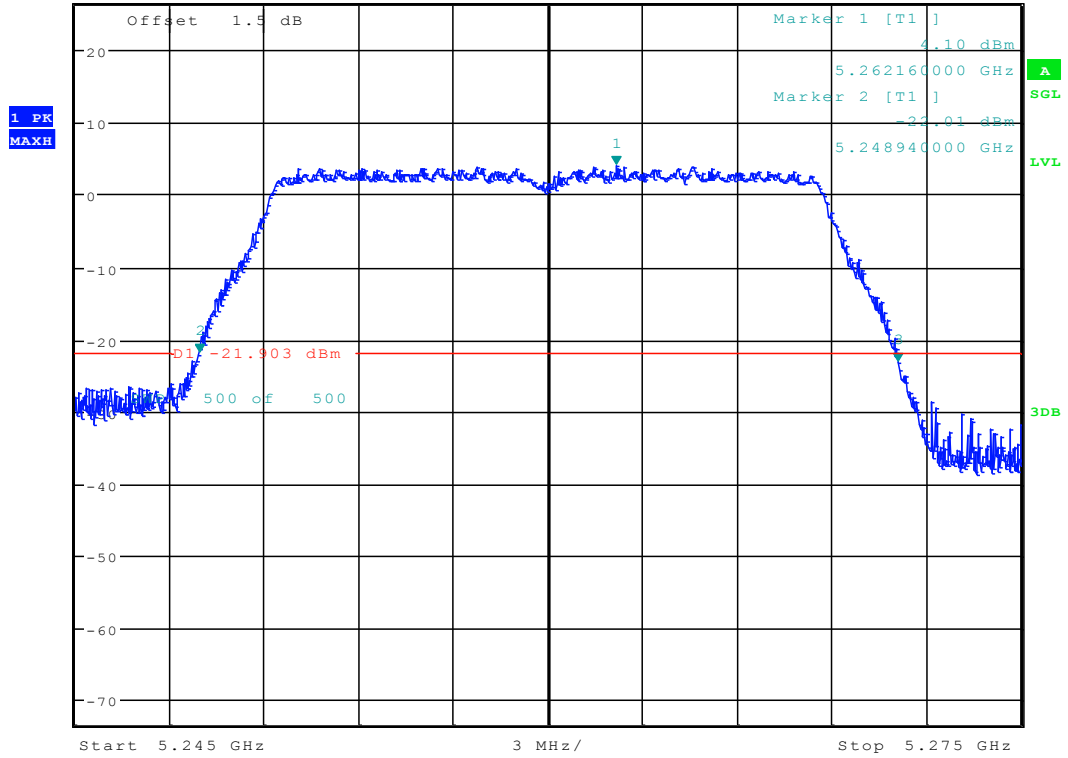


Date: 11.SEP.2017 17:07:53

### 3.76 11AC20\_52 ANT 2

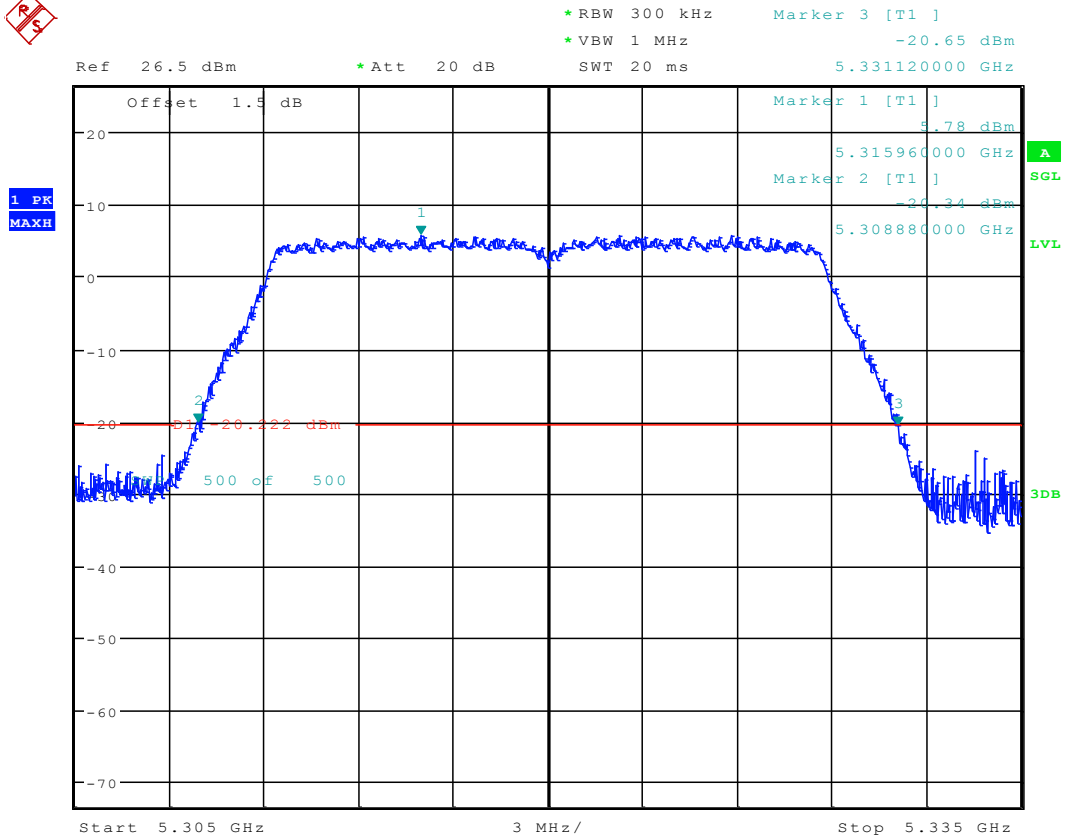


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.25 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.271100000 GHz



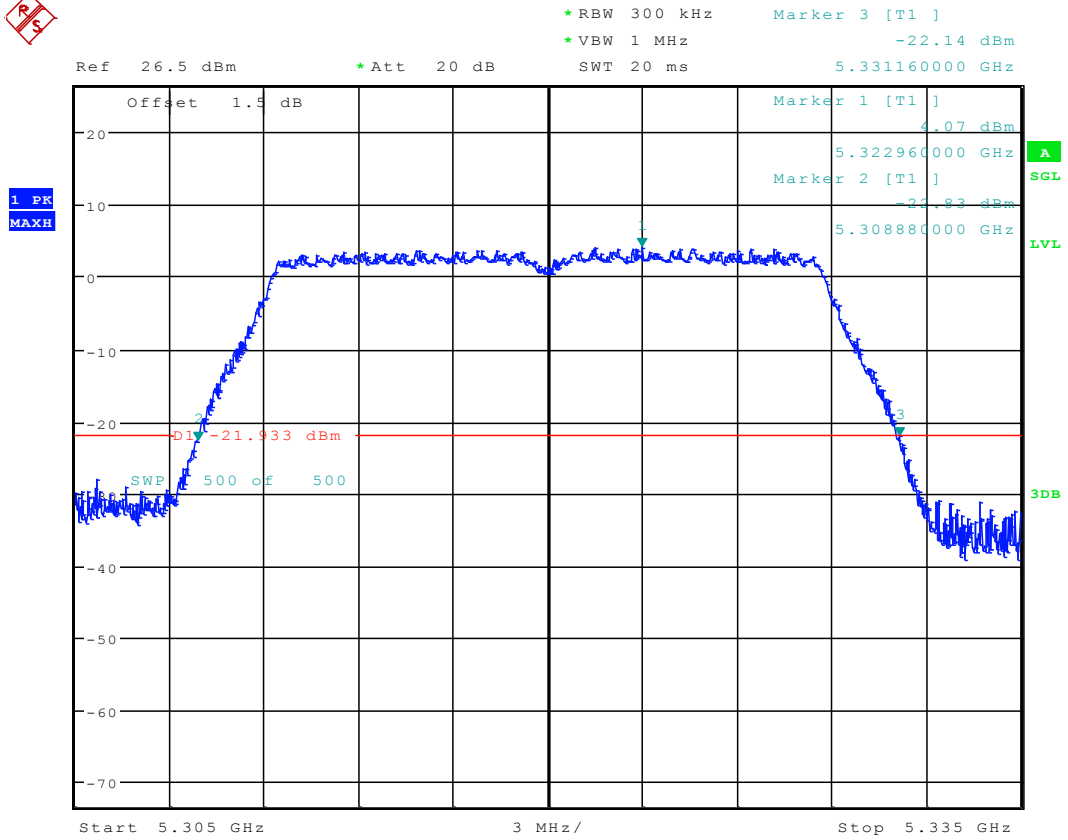
Date: 12.SEP.2017 15:55:56

## 3.77 11AC20\_64 ANT 1



Date: 11.SEP.2017 17:10:53

## 3.78 11AC20\_64 ANT 2

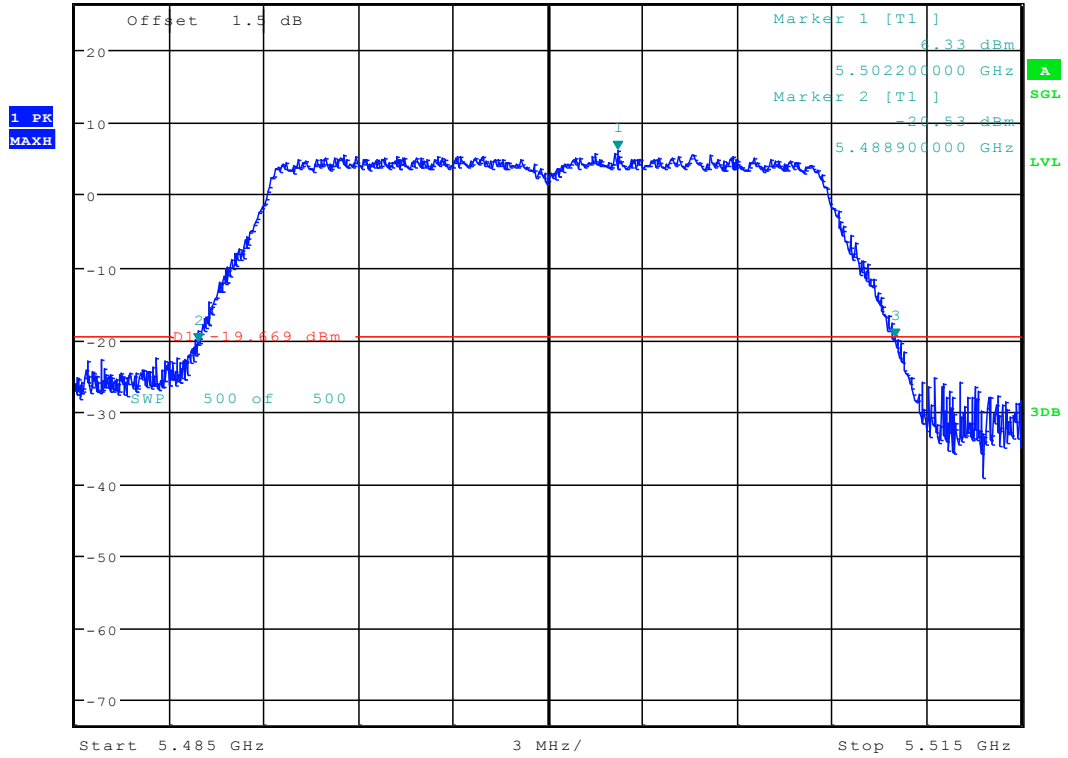


Date: 12.SEP.2017 16:00:52

### 3.79 11AC20\_100 ANT 1

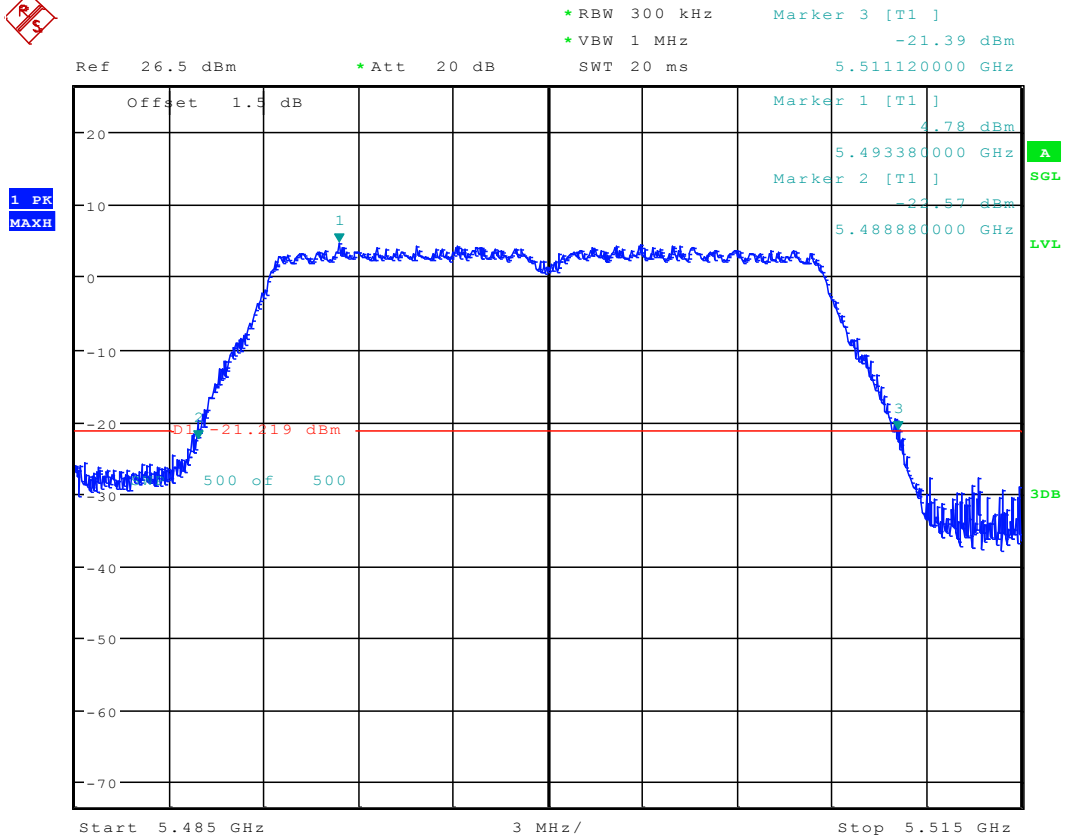


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -19.80 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.511000000 GHz



Date: 11.SEP.2017 17:36:34

### 3.80 11AC20\_100 ANT 2



Date: 12.SEP.2017 16:09:56

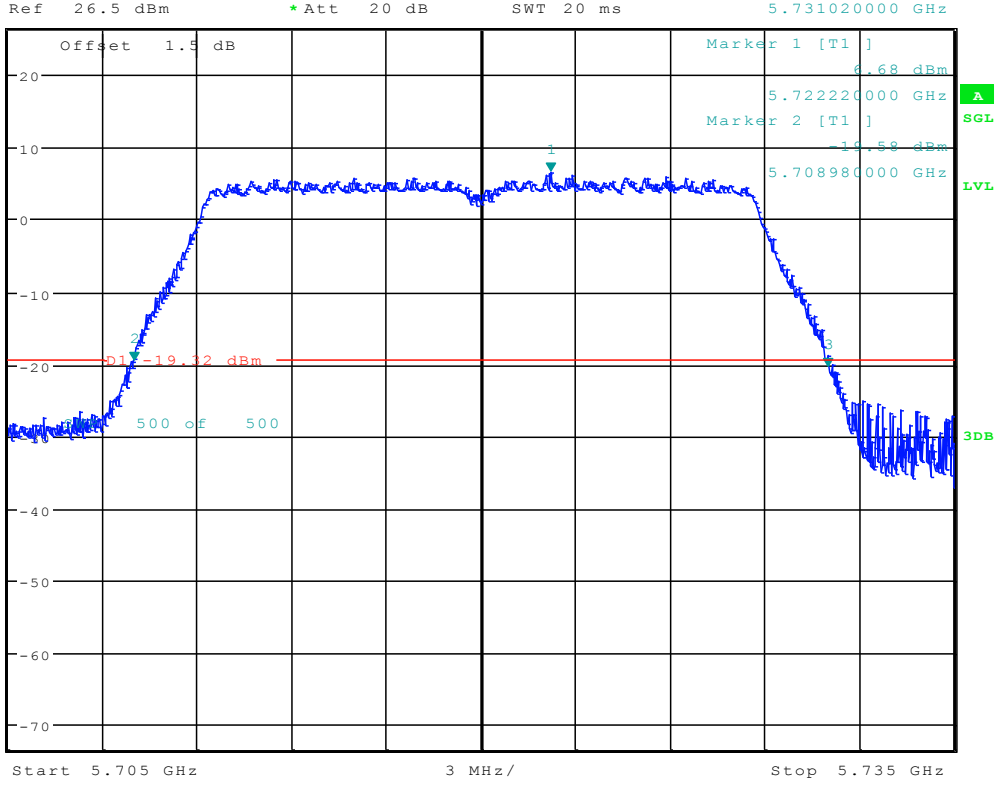






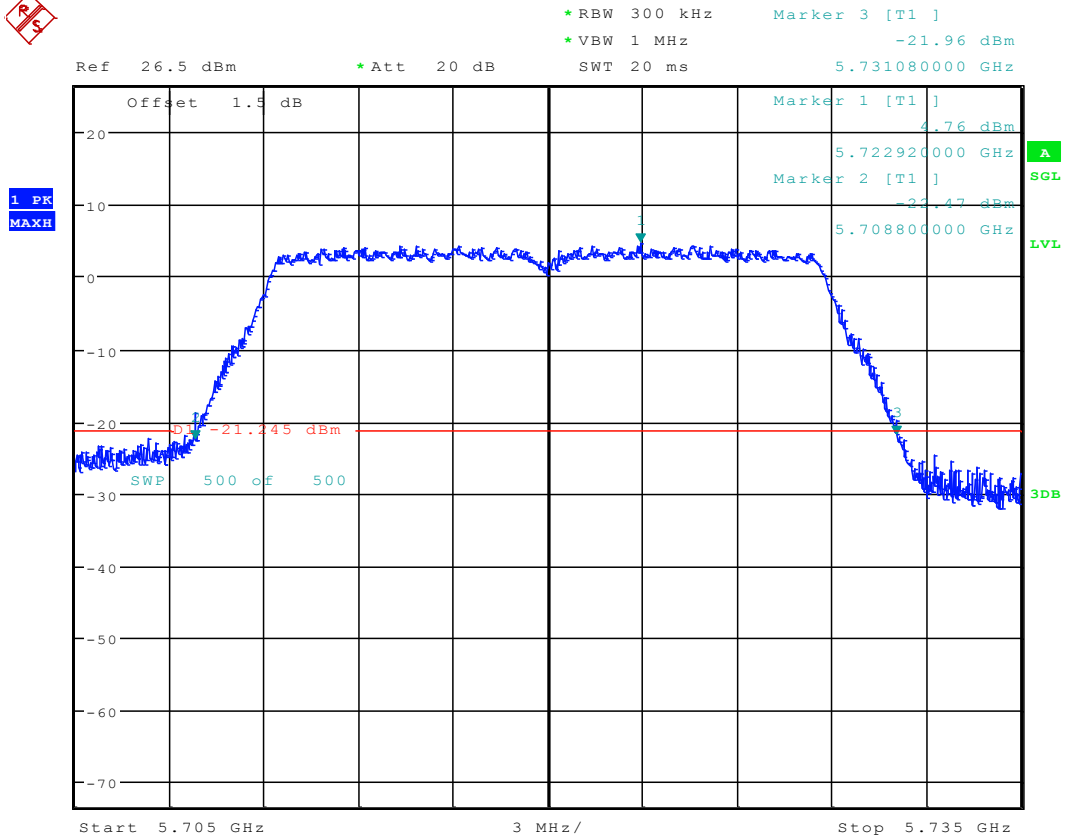


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.50 dBm  
 \*Att 20 dB      SWT 20 ms      5.731020000 GHz



Date: 18.SEP.2017 14:11:39

### 3.84 11AC20\_144 ANT 2

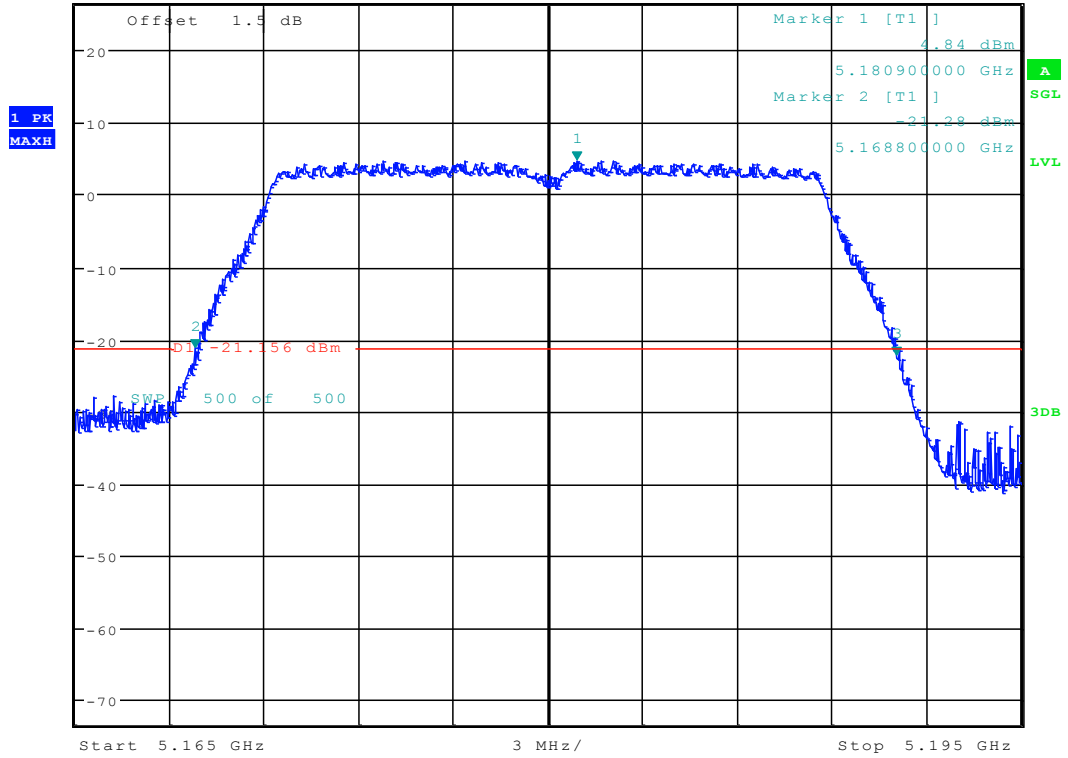


Date: 18.SEP.2017 14:45:11

### 3.85 11AC20MIMO\_36 ANT 1

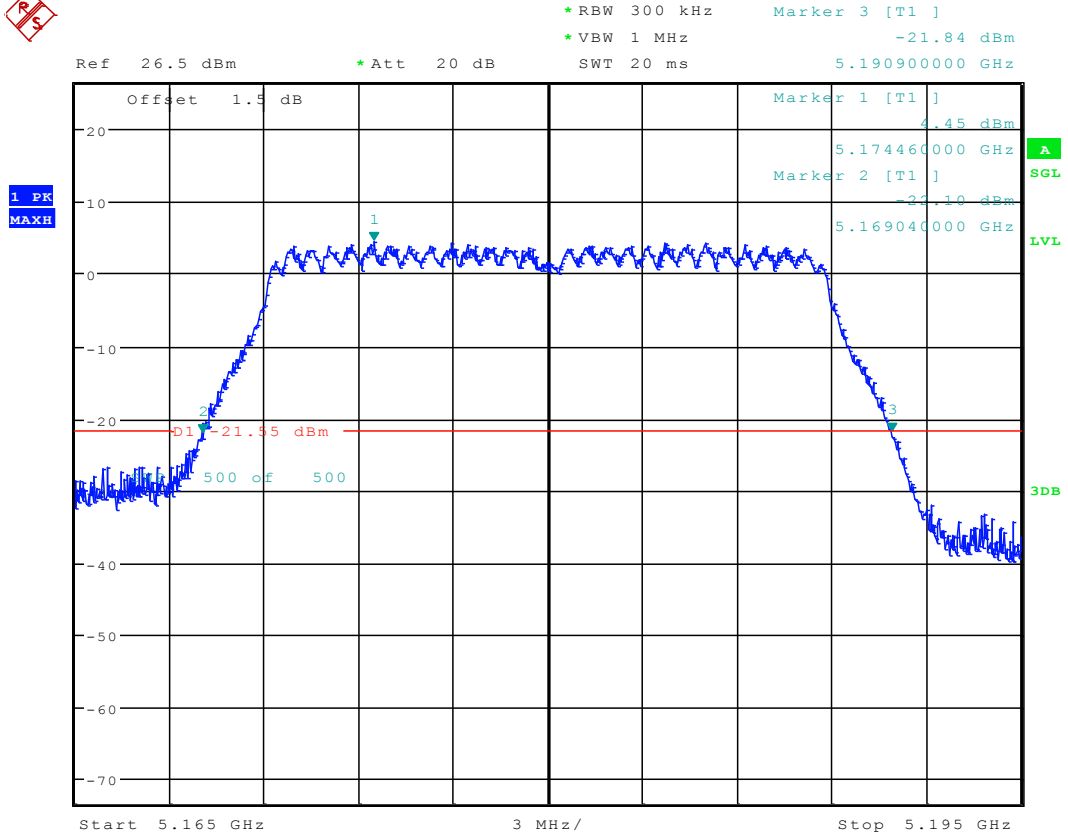


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.31 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.191060000 GHz



Date: 13.SEP.2017 16:41:47

### 3.86 11AC20MIMO\_36 ANT 2

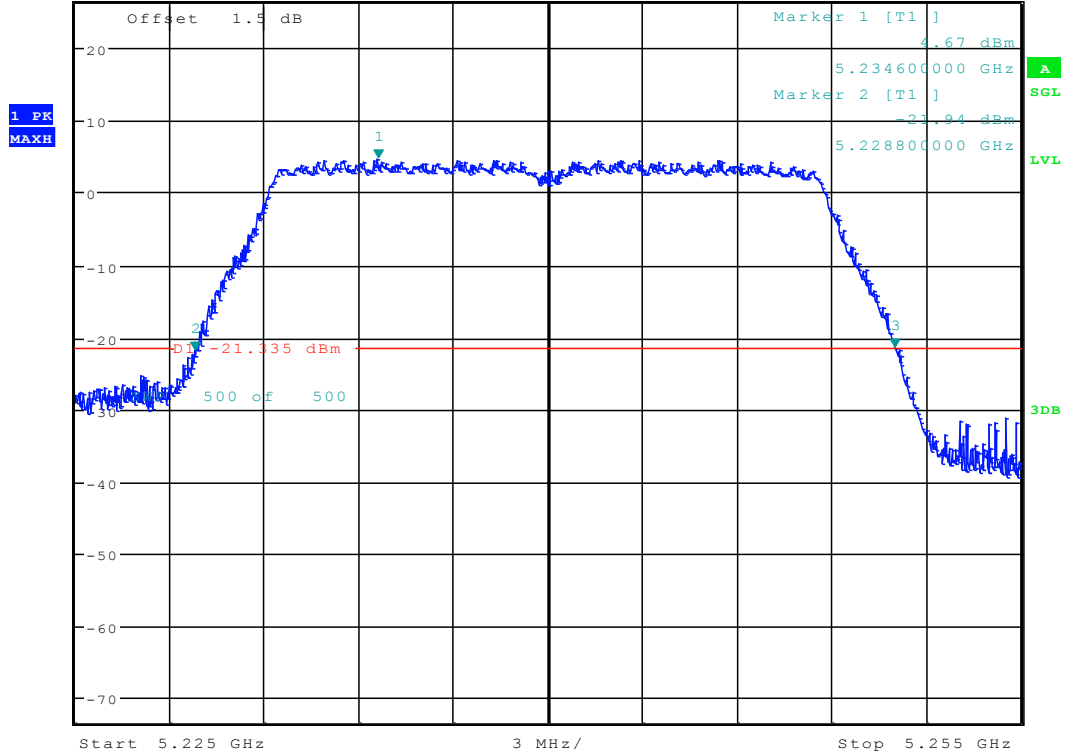


Date: 15.SEP.2017 14:34:15

### 3.87 11AC20MIMO\_48 ANT 1

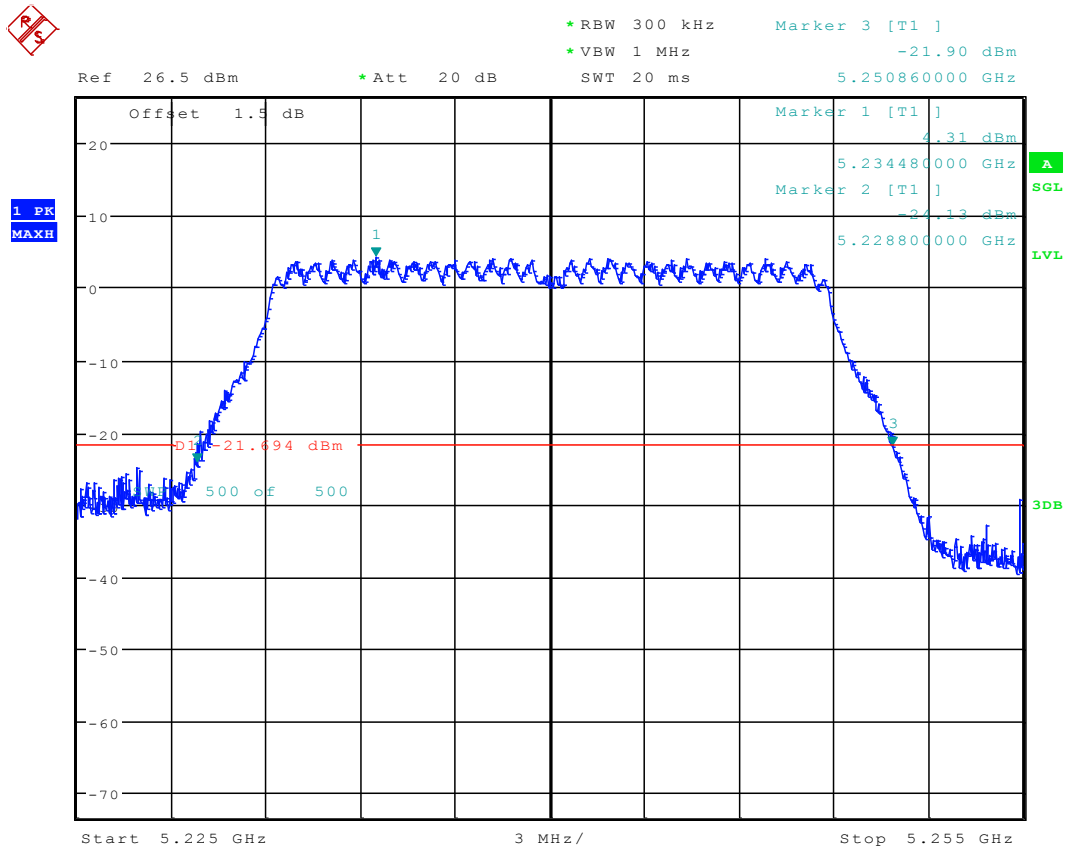


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.46 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.251020000 GHz



Date: 13.SEP.2017 16:44:58

## 3.88 11AC20MIMO\_48 ANT 2

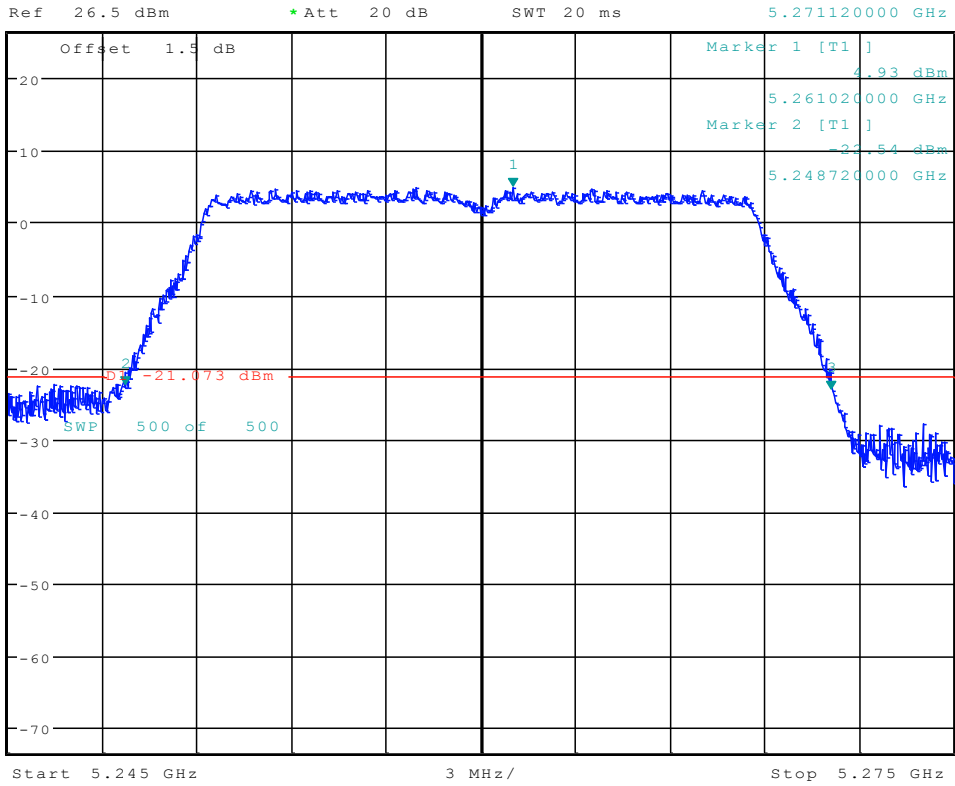


Date: 15.SEP.2017 14:37:27

### 3.89 11AC20MIMO\_52 ANT 1



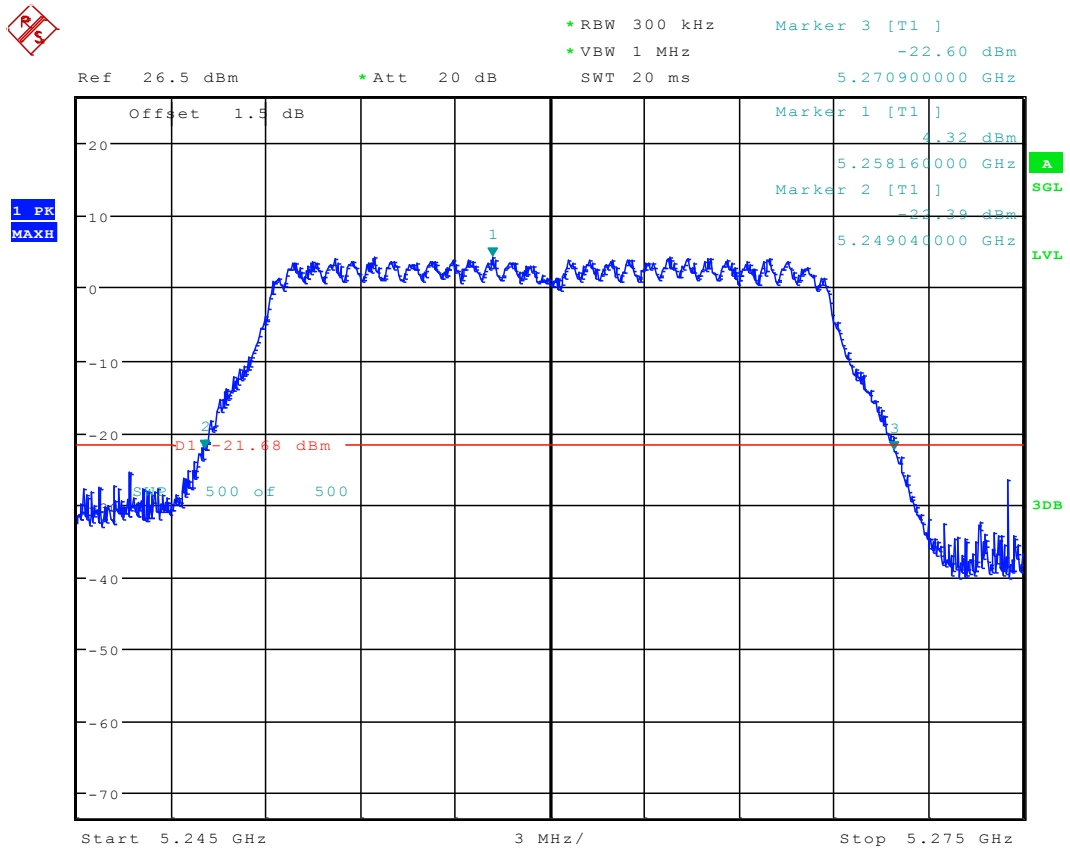
\*RBW 300 kHz      Marker 3 [T1 ]  
\*VBW 1 MHz      -23.10 dBm  
SWT 20 ms      5.271120000 GHz



Date: 13.SEP.2017 16:48:20

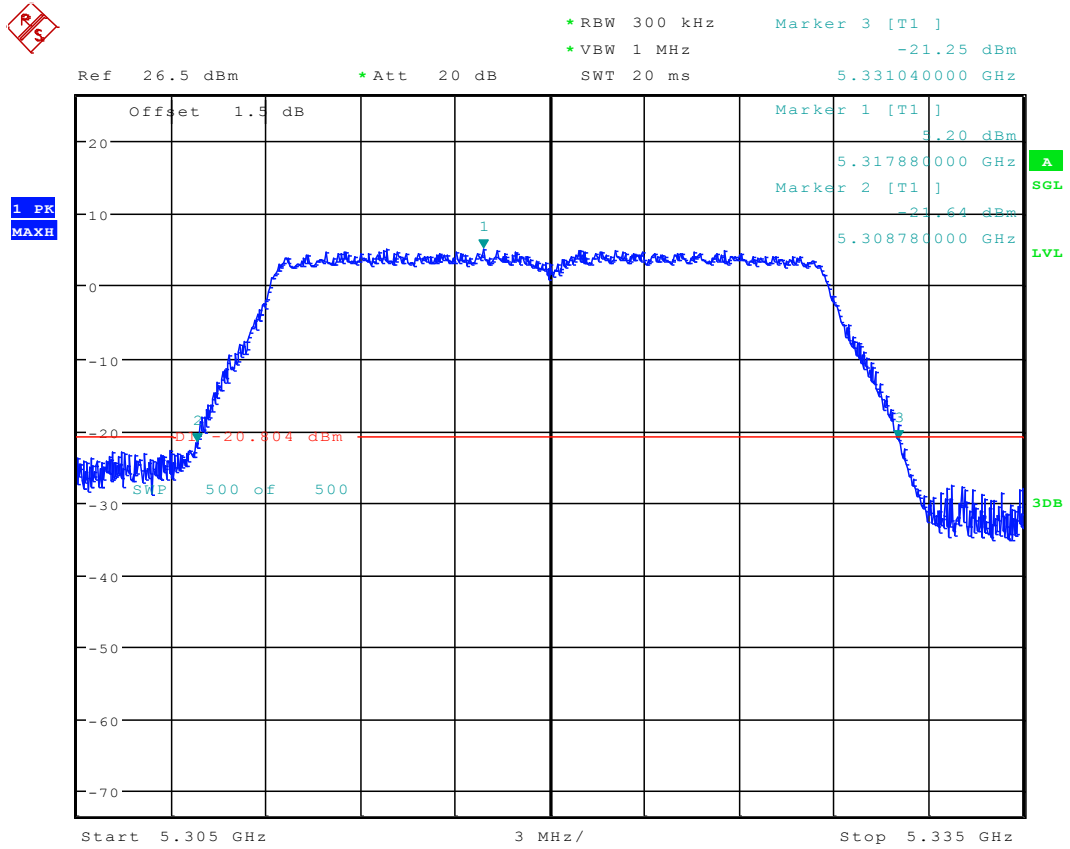


### 3.90 11AC20MIMO\_52 ANT 2



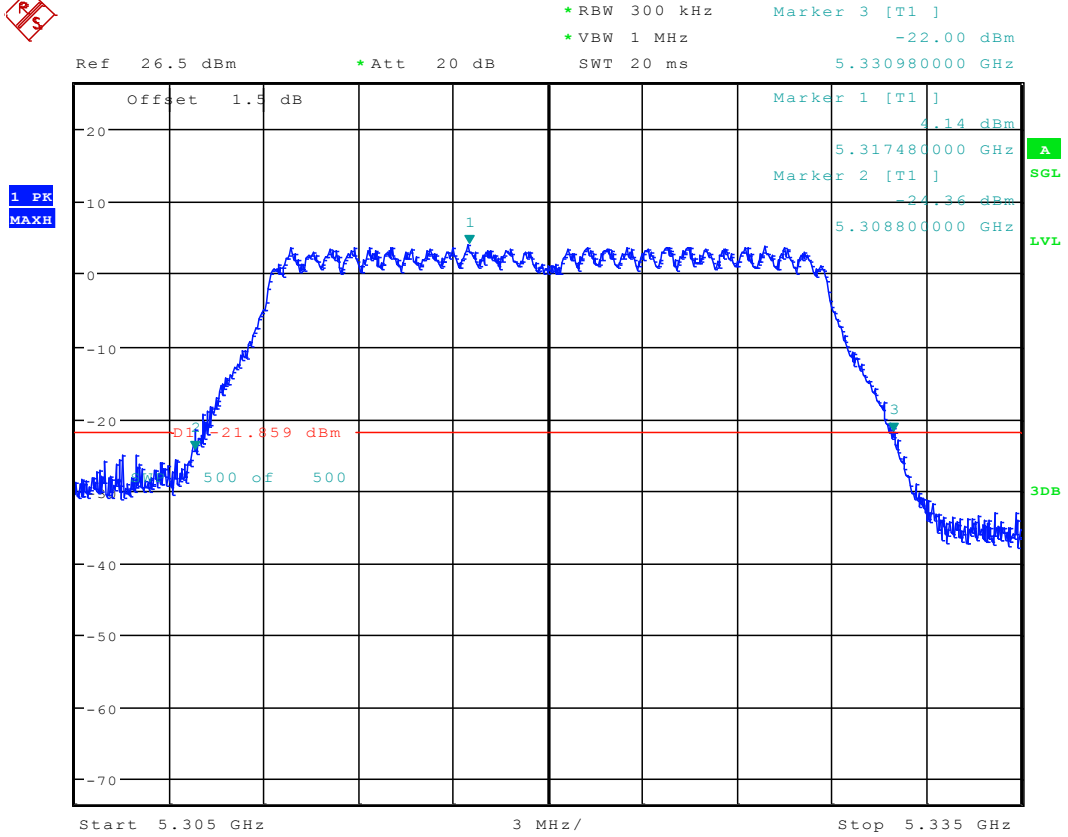
Date: 15.SEP.2017 14:40:45

## 3.91 11AC20MIMO\_64 ANT 1



Date: 13.SEP.2017 16:51:13

### 3.92 11AC20MIMO\_64 ANT 2

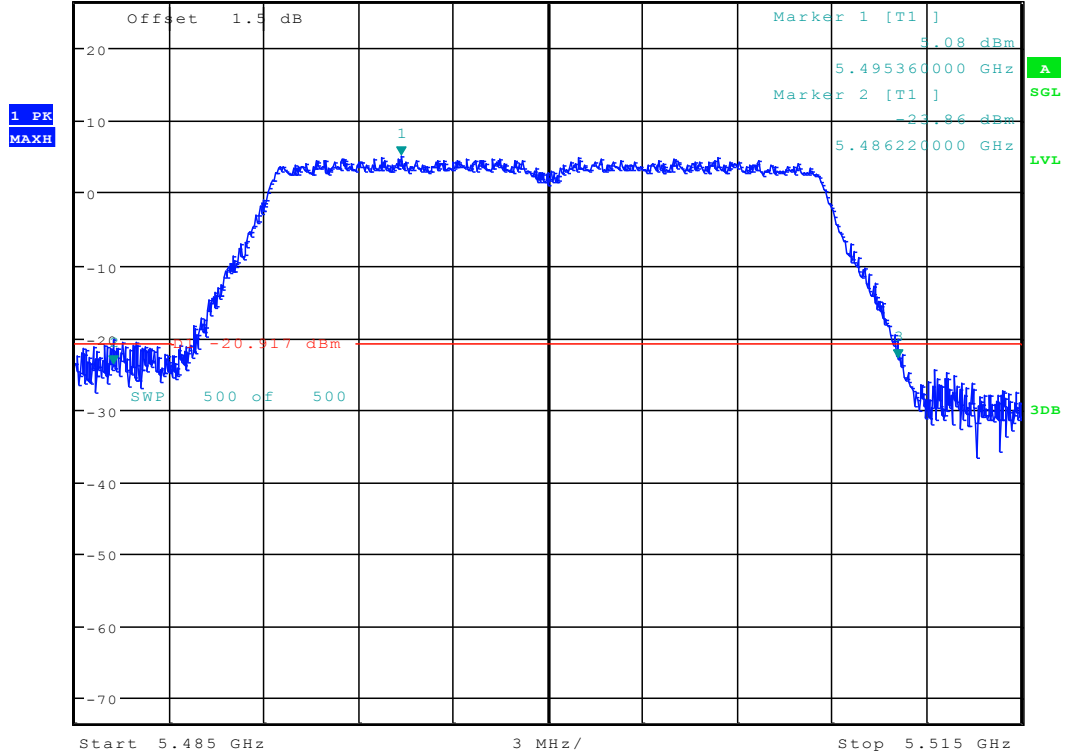


Date: 15.SEP.2017 14:43:23

### 3.93 11AC20MIMO\_100 ANT 1

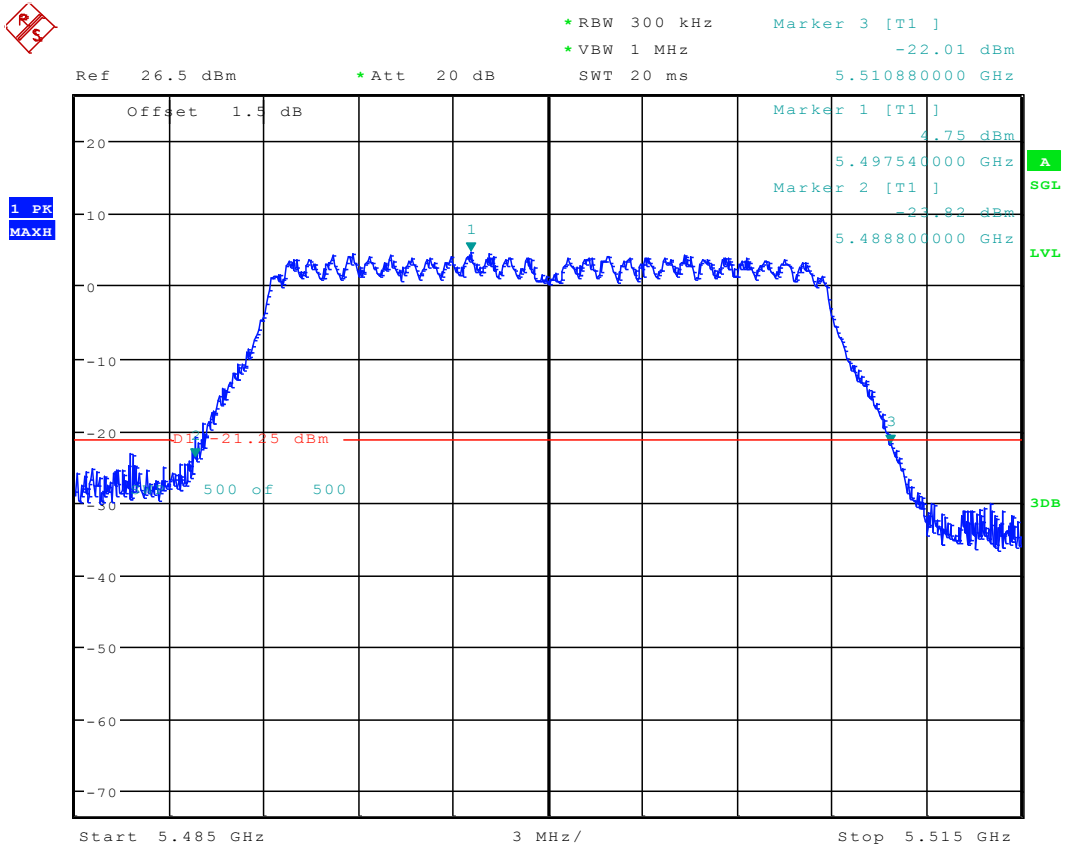


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.97 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.511100000 GHz



Date: 13.SEP.2017 16:56:09

### 3.94 11AC20MIMO\_100 ANT 2

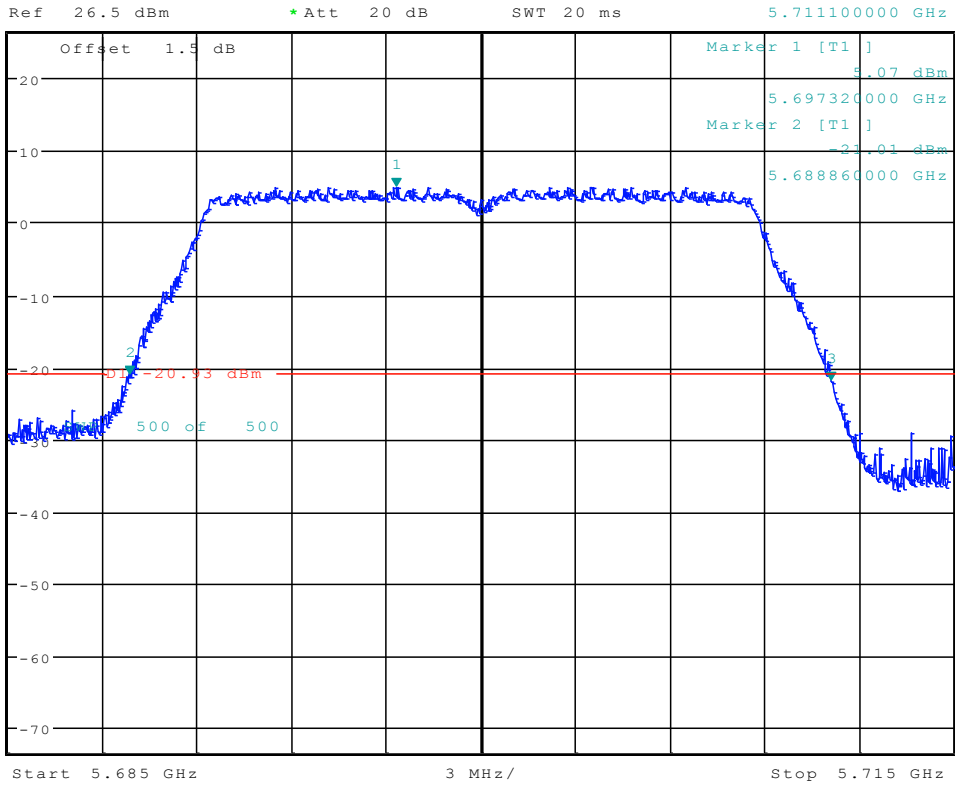


Date: 15.SEP.2017 14:46:11

### 3.95 11AC20MIMO\_140 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.93 dBm  
 SWT 20 ms      5.711100000 GHz

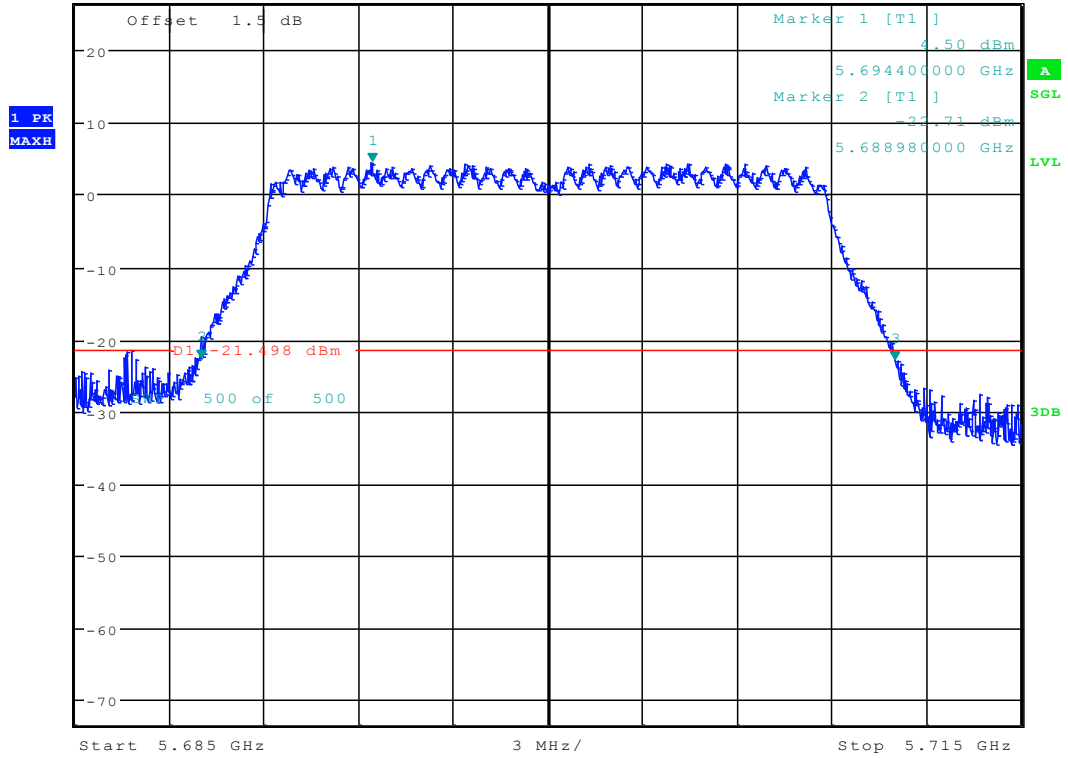


Date: 13.SEP.2017 16:59:11

### 3.96 11AC20MIMO\_140 ANT 2

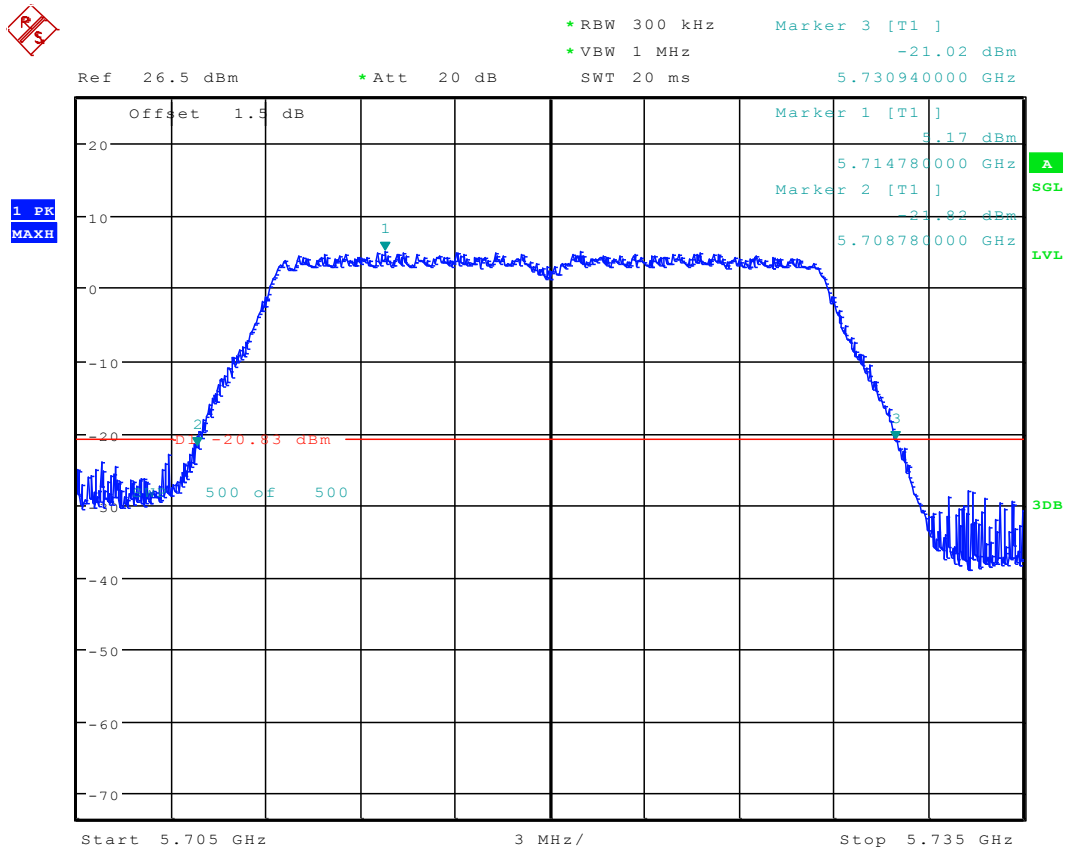


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.95 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.711000000 GHz



Date: 15.SEP.2017 14:50:08

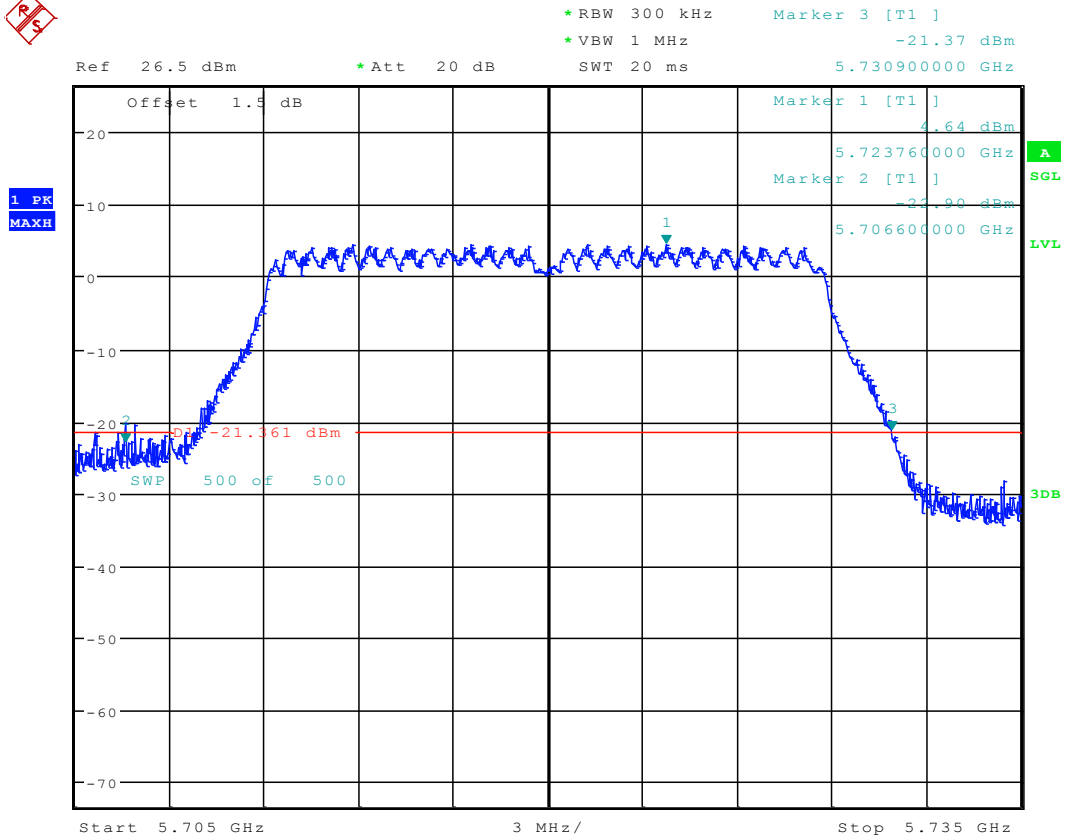
## 3.97 11AC20MIMO\_144 ANT 1



Date: 16.SEP.2017 11:01:02

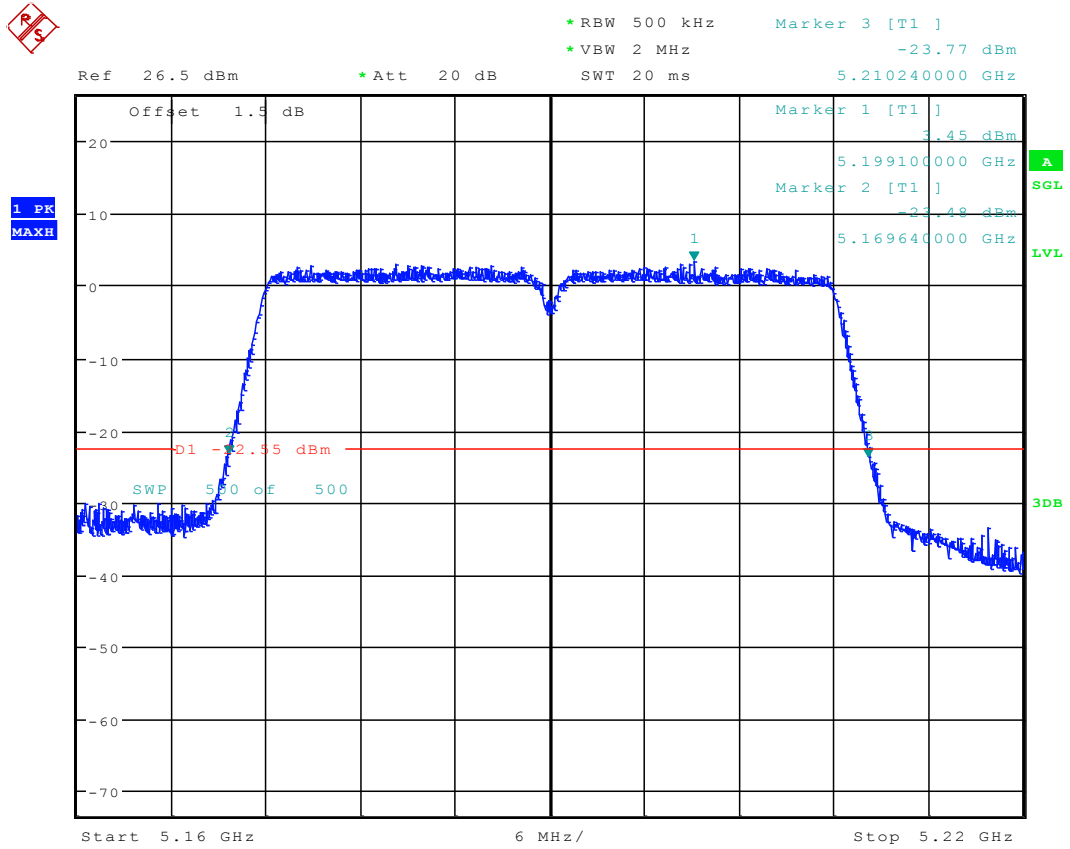


### 3.98 11AC20MIMO\_144 ANT 2



Date: 16.SEP.2017 11:31:58

## 3.99 11AC40\_38 ANT 1

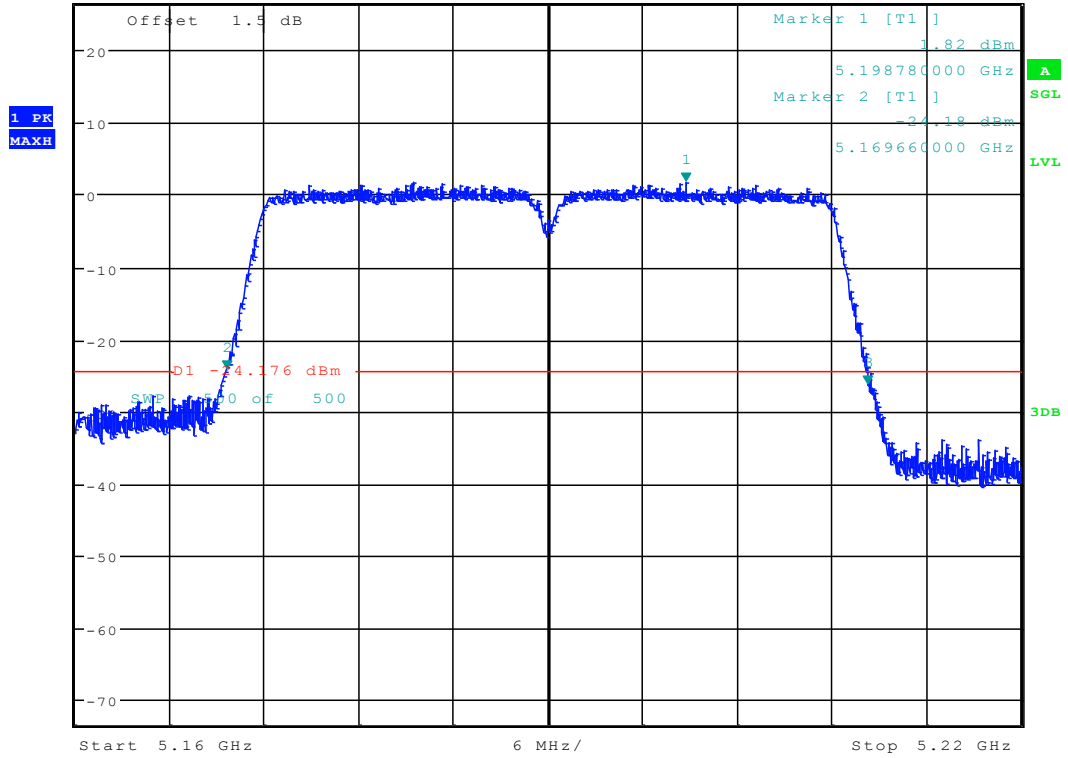


Date: 12.SEP.2017 09:17:31

### 3.100 11AC40\_38 ANT 2

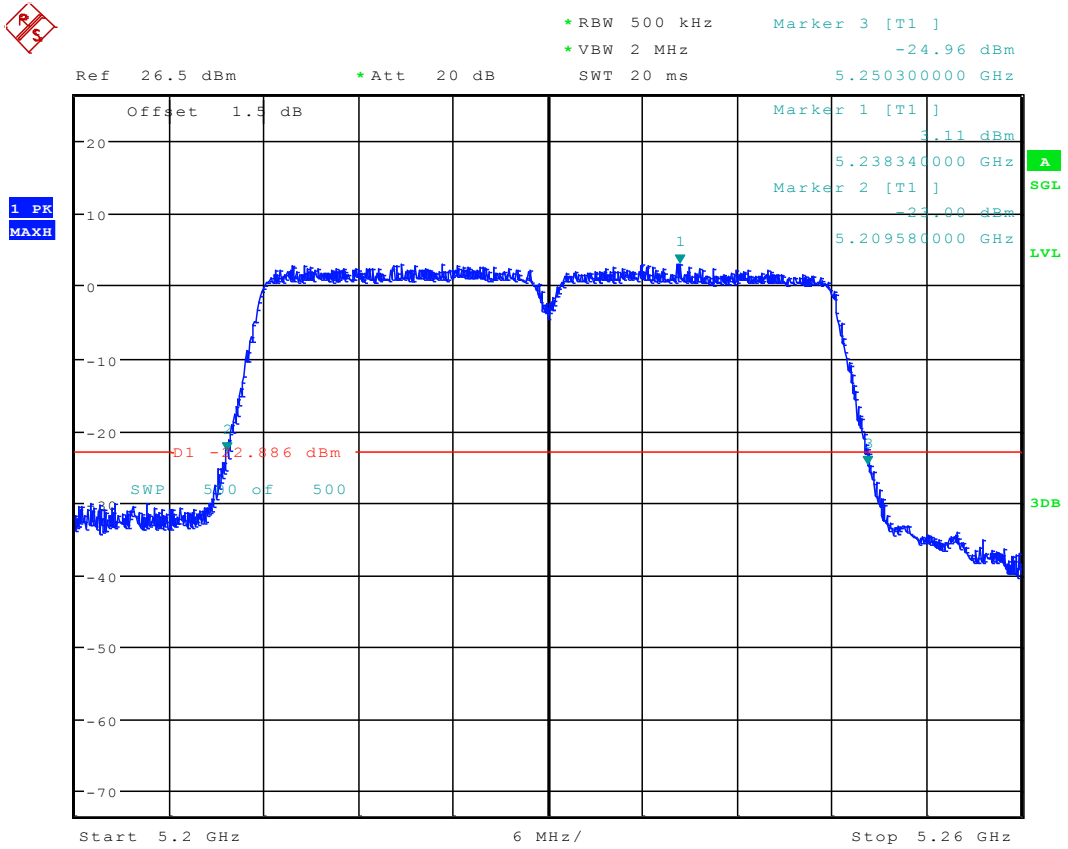


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.32 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.210280000 GHz



Date: 12.SEP.2017 17:15:40

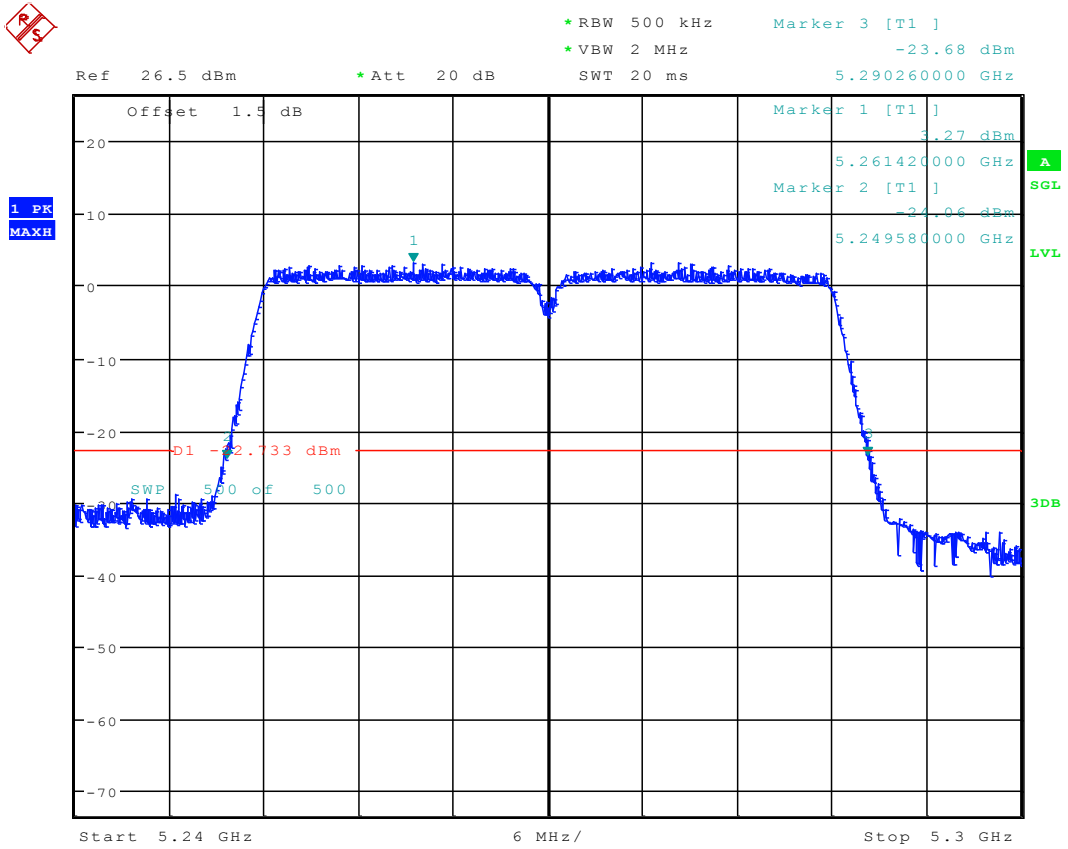
### 3.101 11AC40\_46 ANT 1



Date: 12.SEP.2017 09:21:31

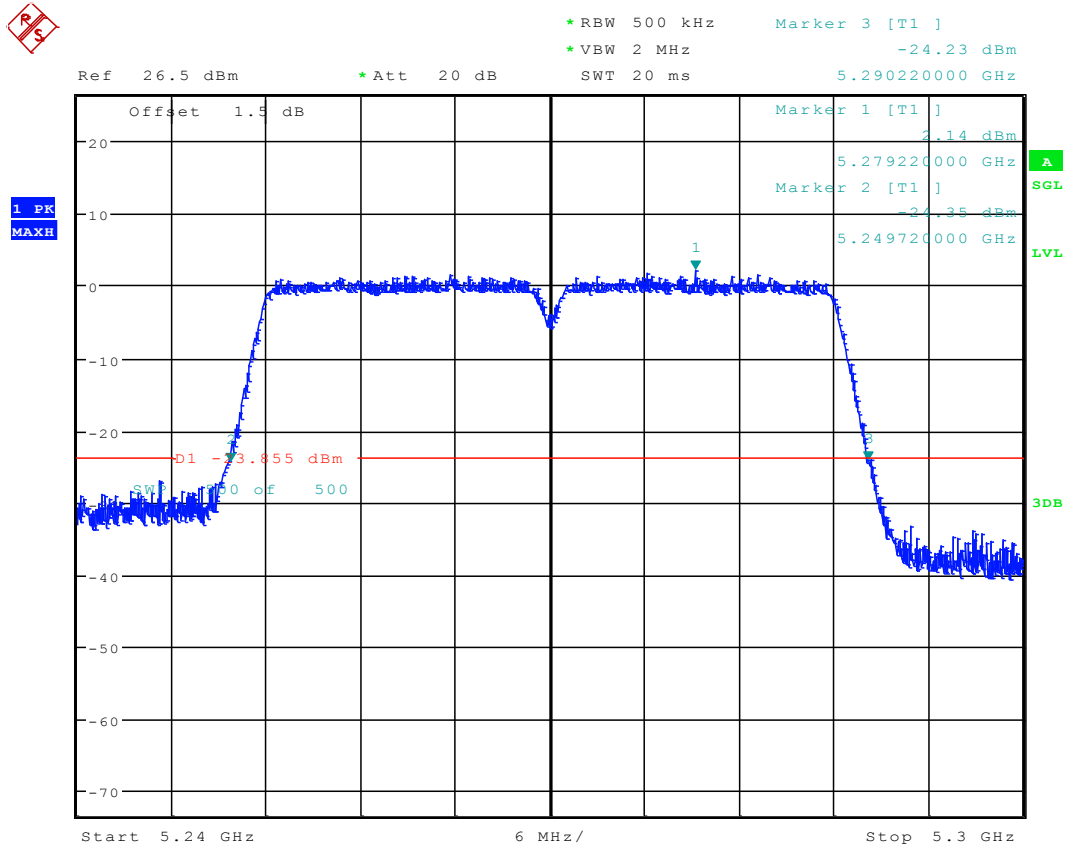


### 3.103 11AC40\_54 ANT 1



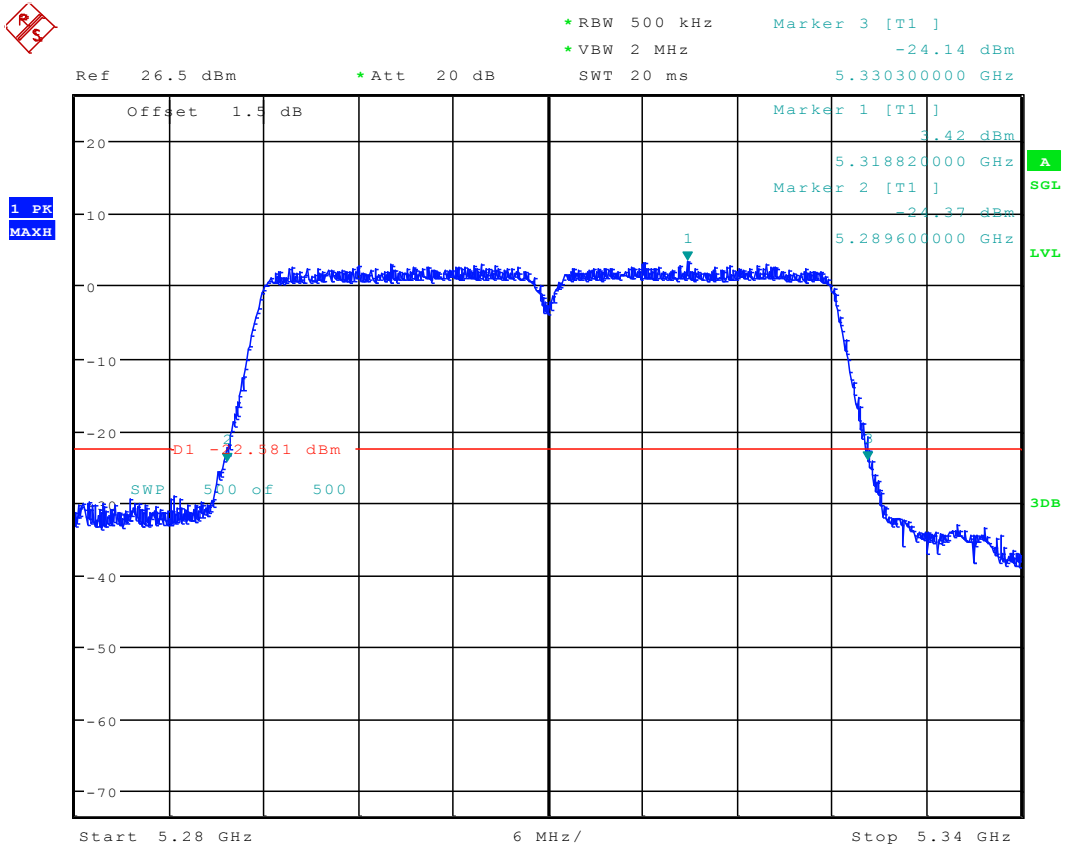
Date: 12.SEP.2017 09:28:37

## 3.104 11AC40\_54 ANT 2



Date: 12.SEP.2017 17:22:53

### 3.105 11AC40\_62 ANT 1

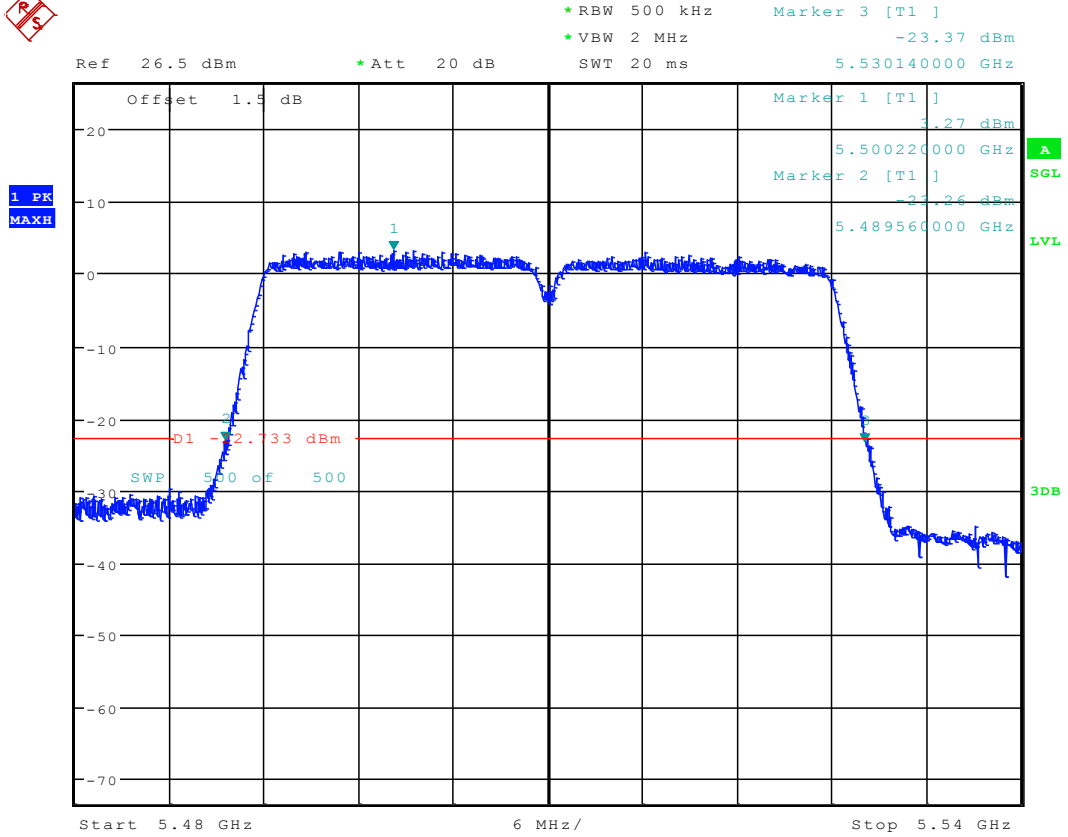


Date: 12.SEP.2017 09:45:36





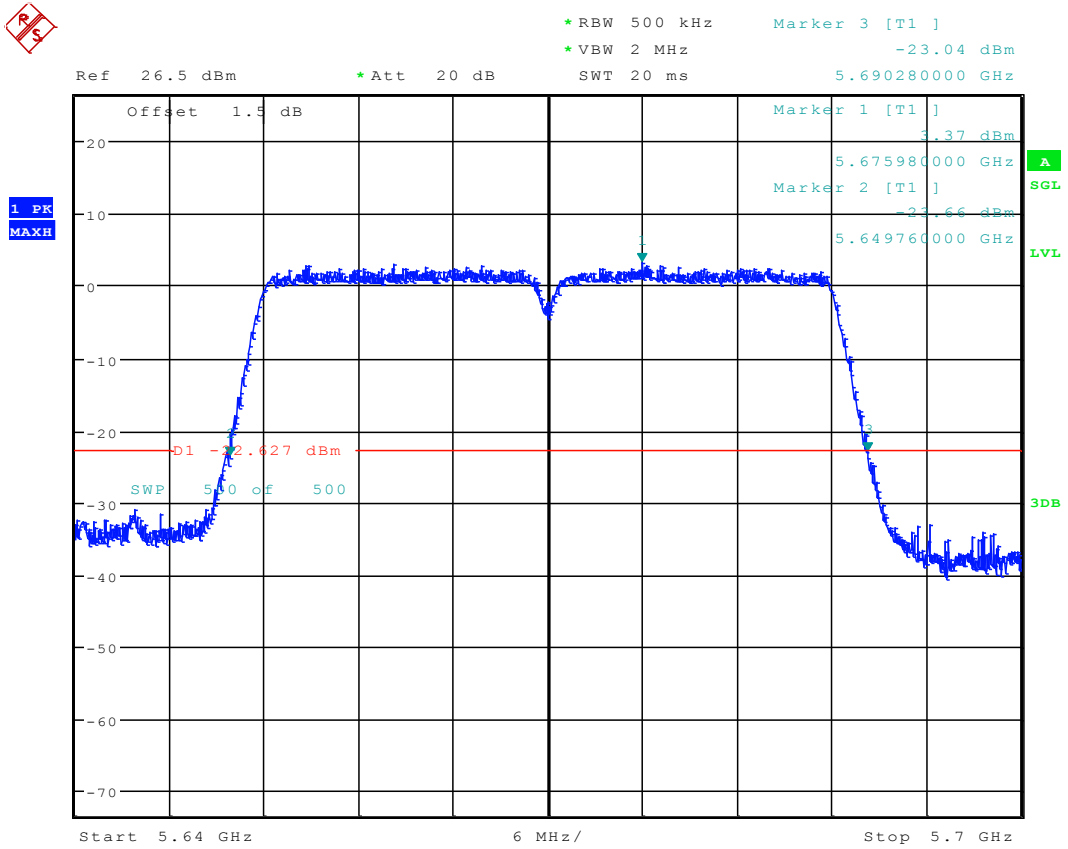
### 3.107 11AC40\_102 ANT 1



Date: 12.SEP.2017 09:50:01

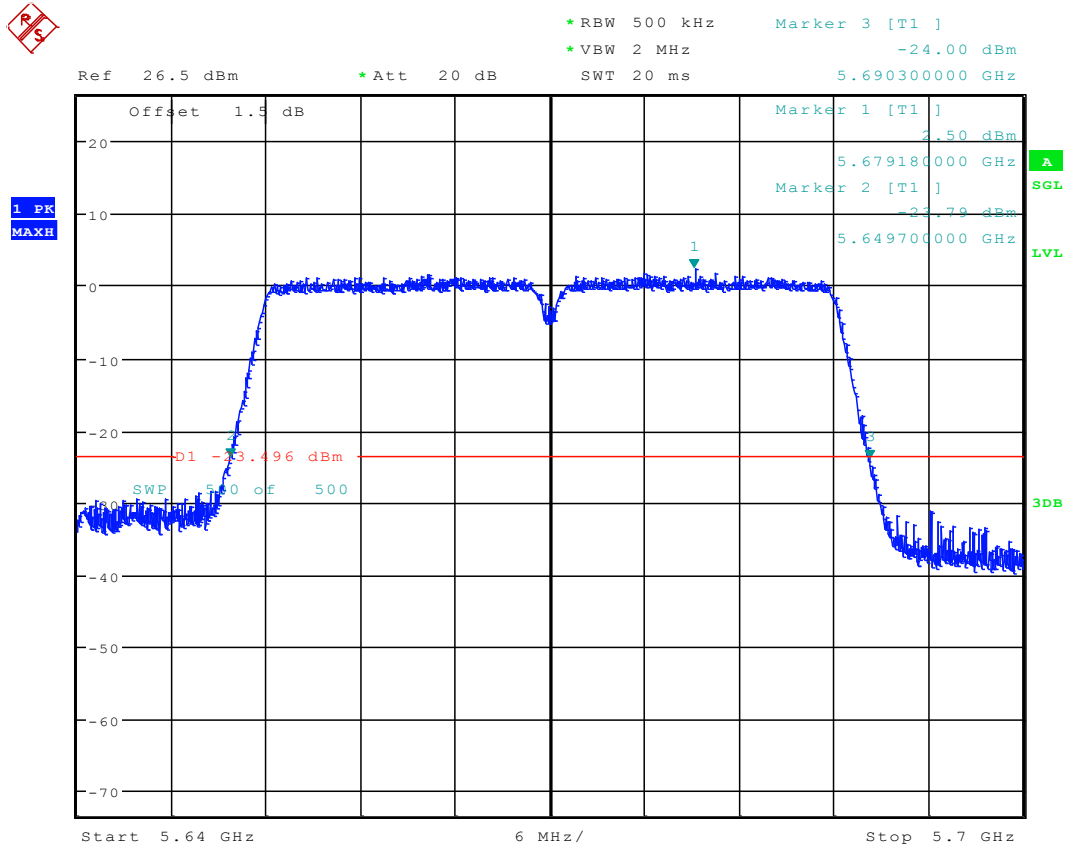


### 3.109 11AC40\_134 ANT 1



Date: 12.SEP.2017 09:54:18

### 3.110 11AC40\_134 ANT 2



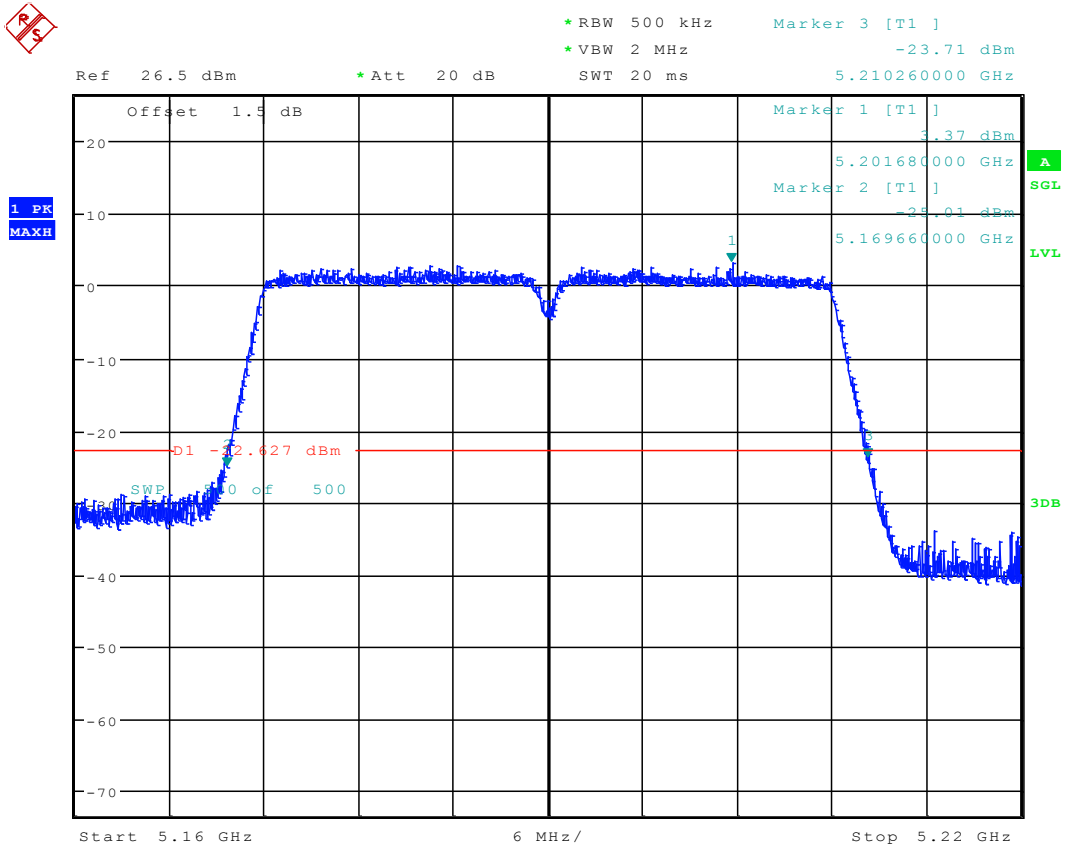
Date: 12.SEP.2017 17:31:28

### 3.111 11AC40\_142 ANT 1





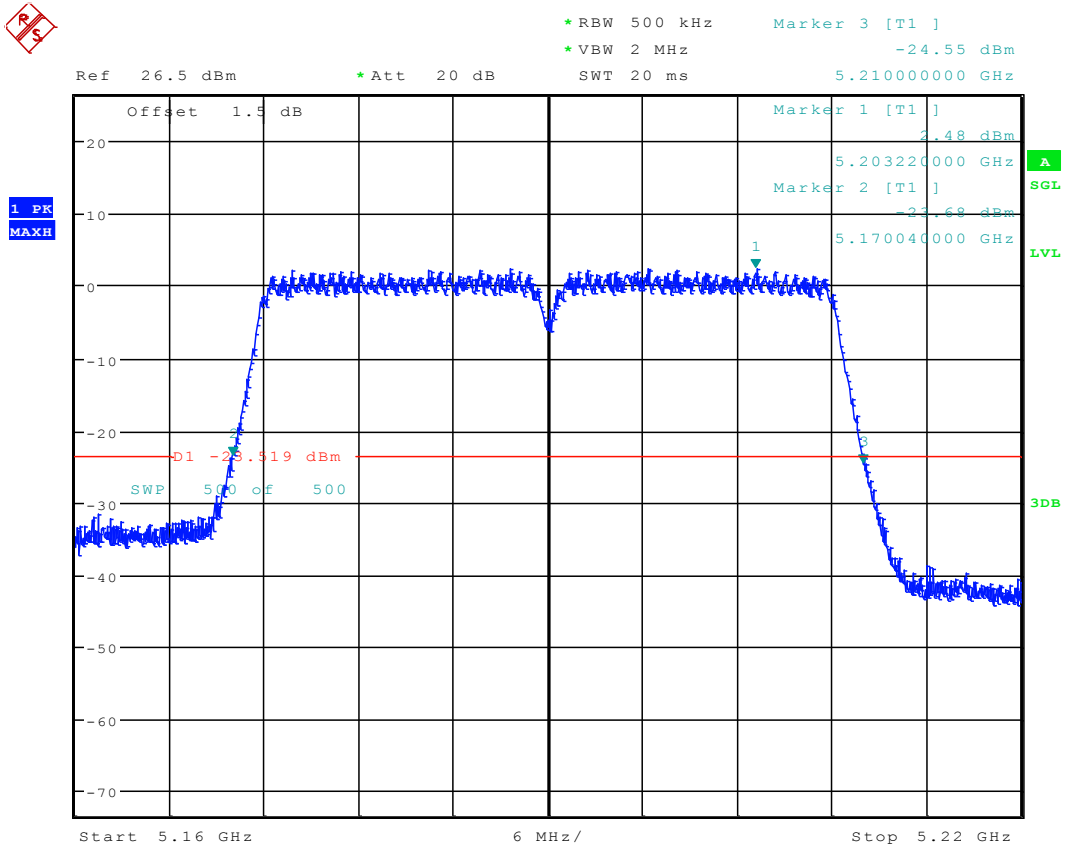
### 3.113 11AC40MIMO\_38 ANT 1



Date: 13.SEP.2017 17:11:57

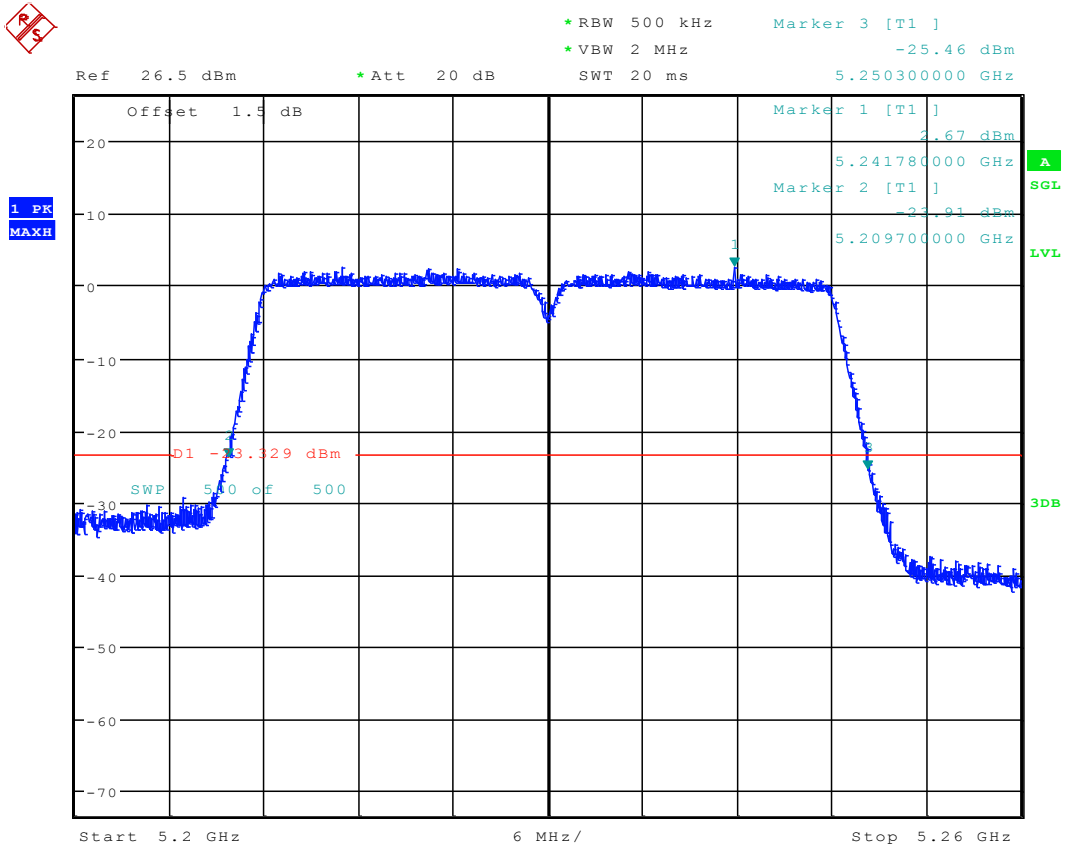


### 3.114 11AC40MIMO\_38 ANT 2



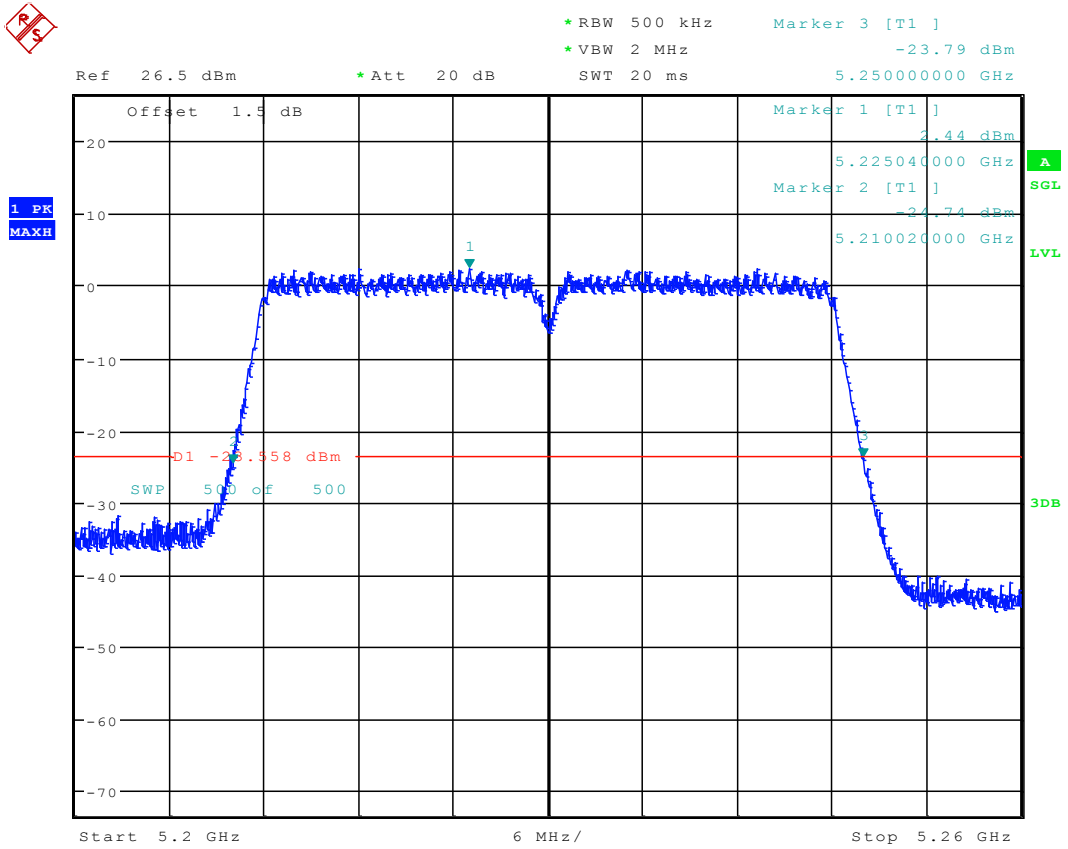
Date: 15.SEP.2017 16:41:27

### 3.115 11AC40MIMO\_46 ANT 1



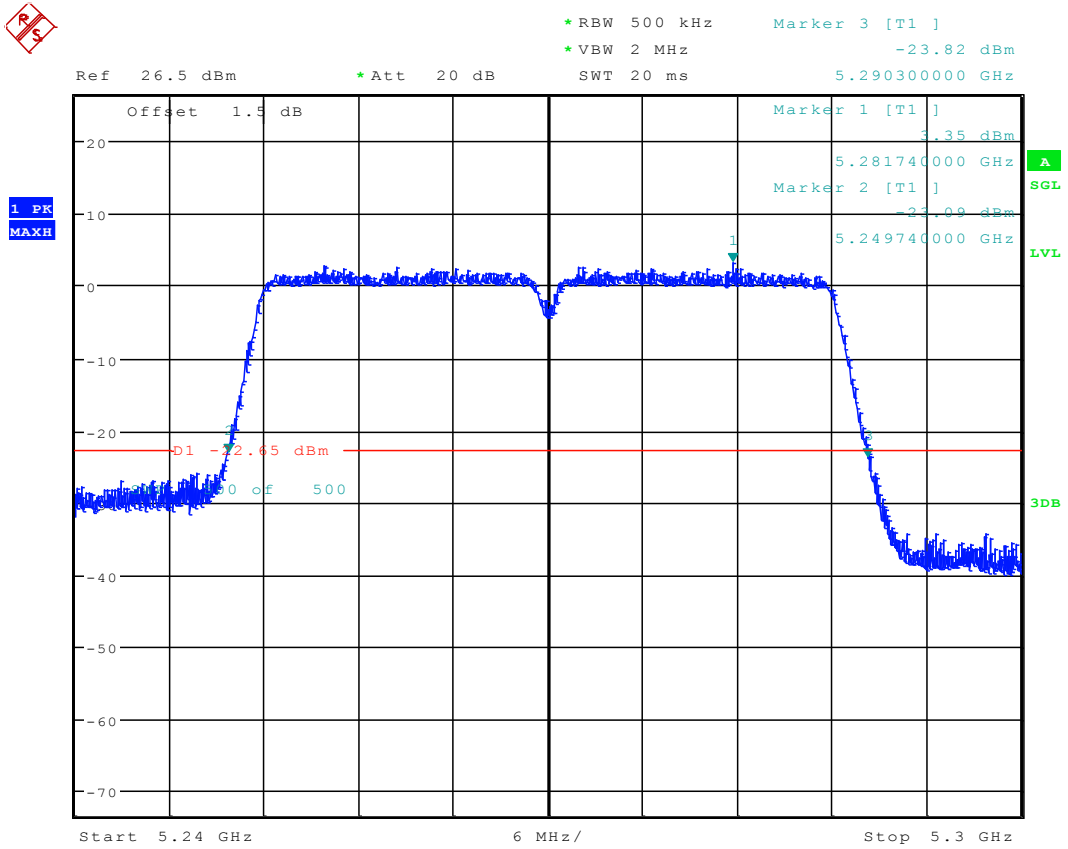
Date: 13.SEP.2017 17:15:49

### 3.116 11AC40MIMO\_46 ANT 2



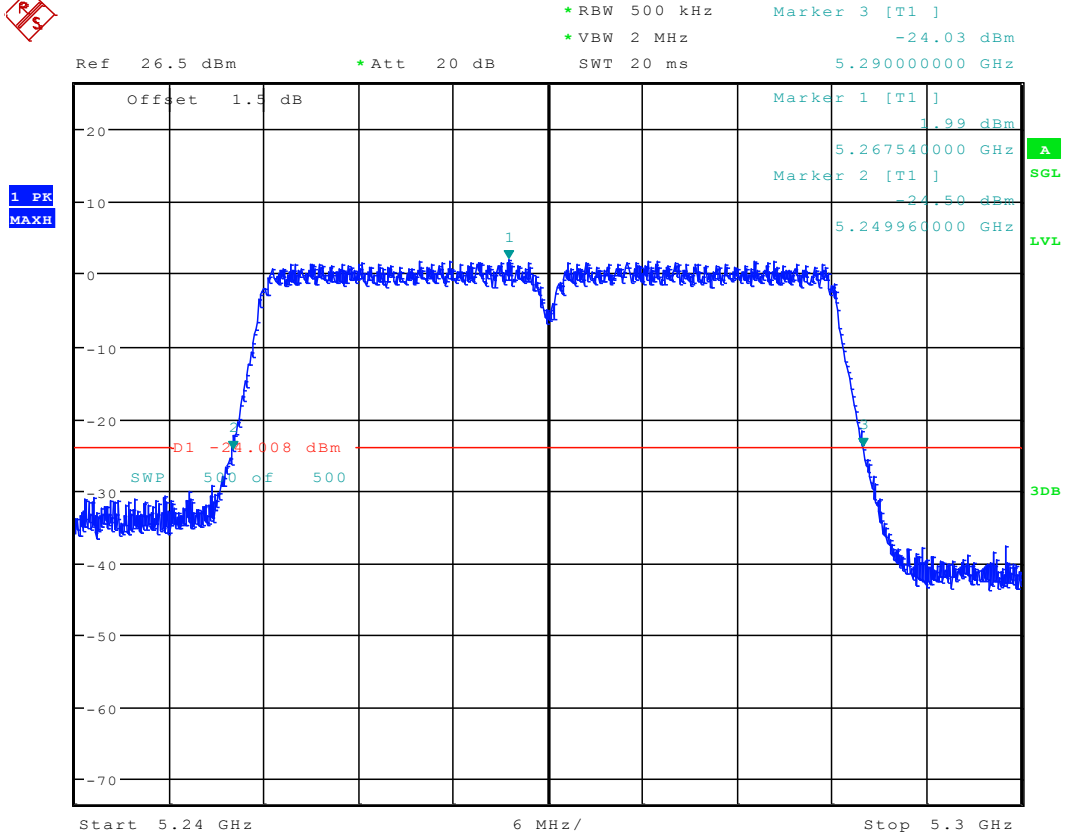
Date: 15.SEP.2017 16:44:38

### 3.117 11AC40MIMO\_54 ANT 1



Date: 13.SEP.2017 17:19:42

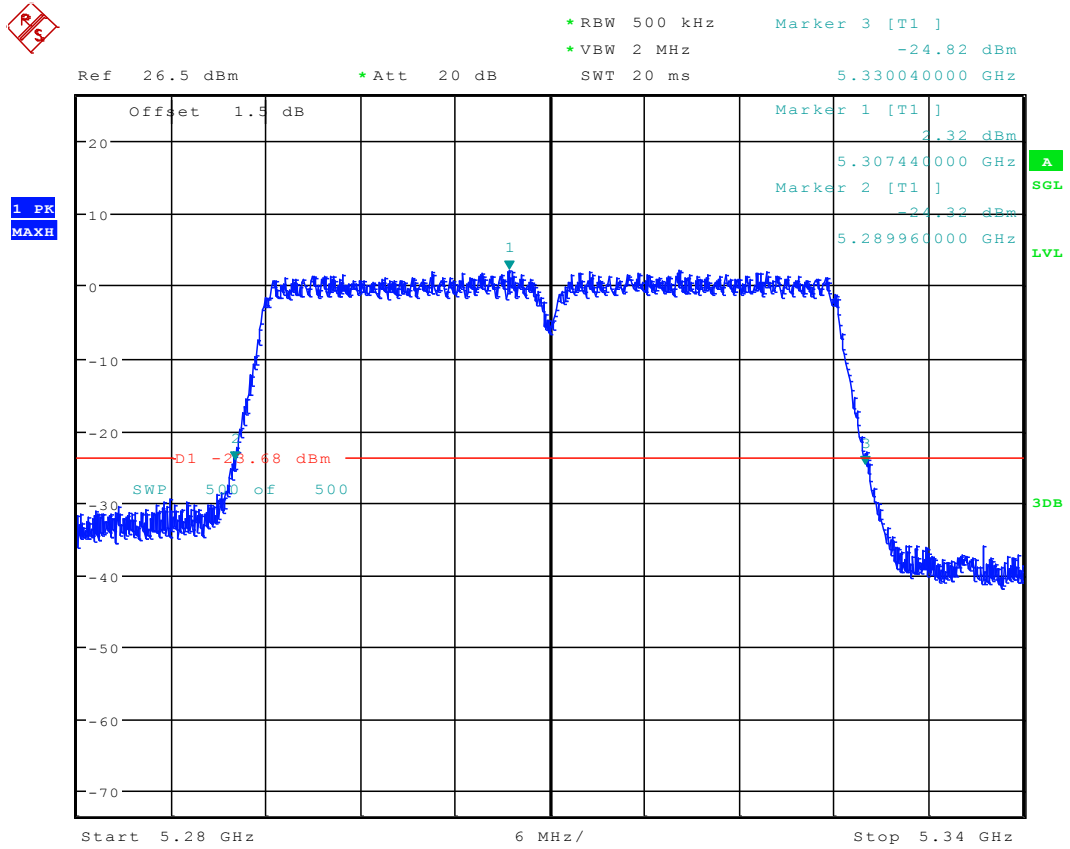
### 3.118 11AC40MIMO\_54 ANT 2



Date: 15.SEP.2017 16:47:39

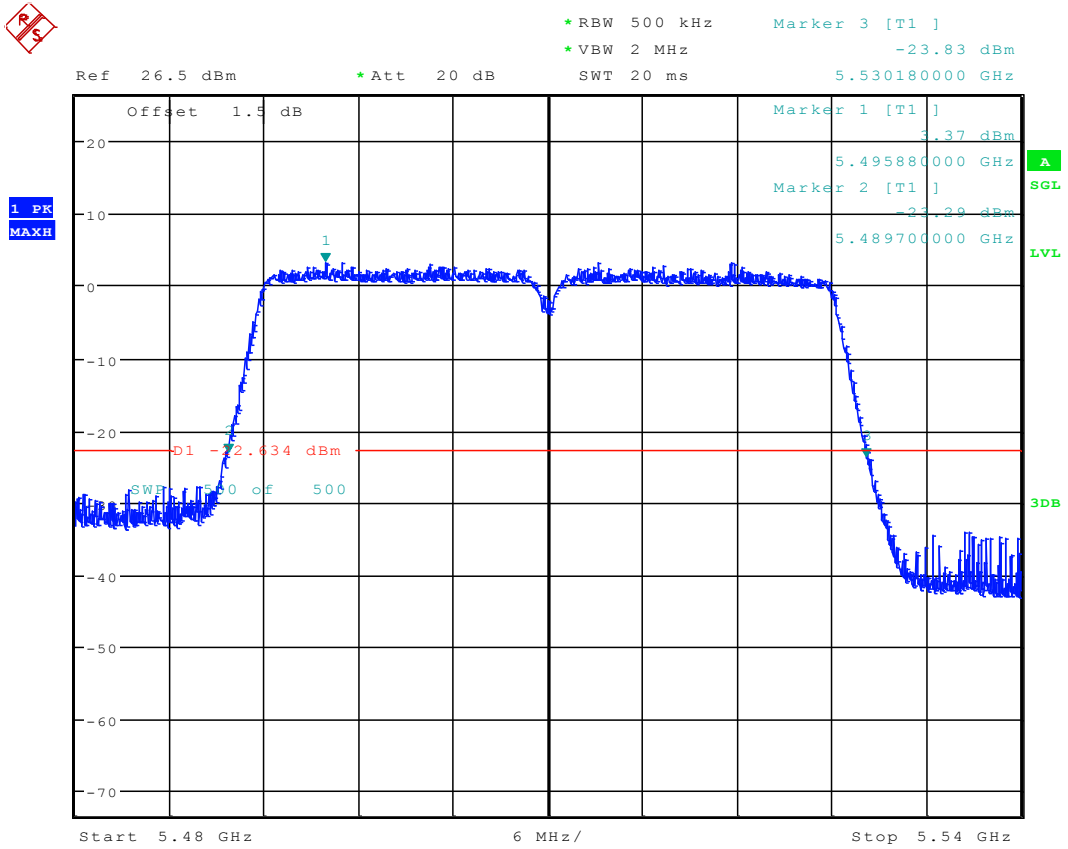


## 3.120 11AC40MIMO\_62 ANT 2



Date: 15.SEP.2017 16:52:20

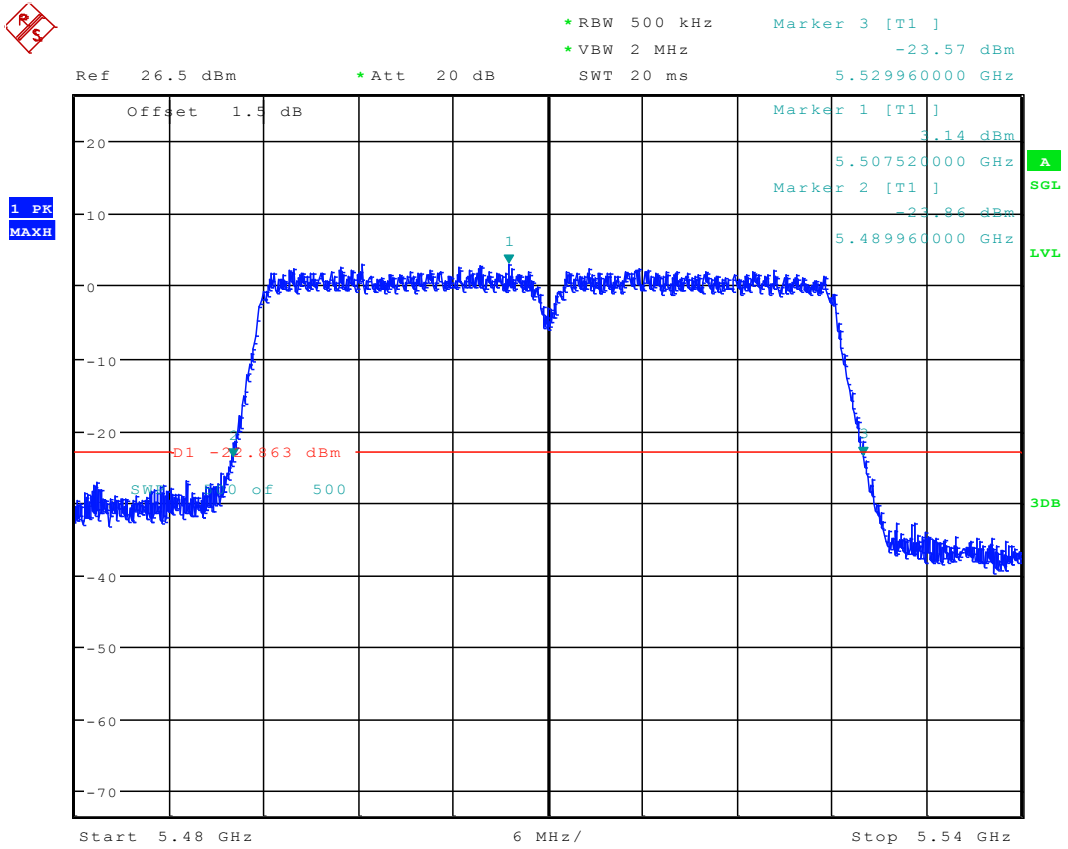
### 3.121 11AC40MIMO\_102 ANT 1



Date: 13.SEP.2017 17:25:21

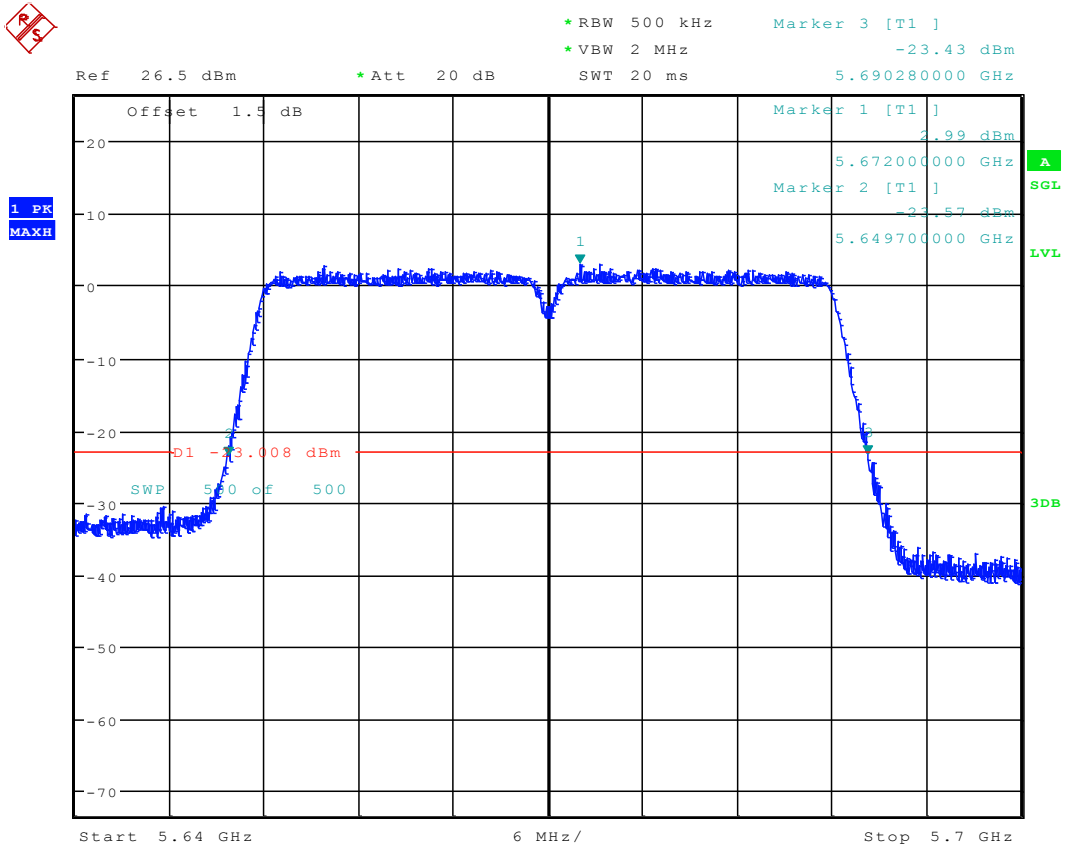


### 3.122 11AC40MIMO\_102 ANT 2



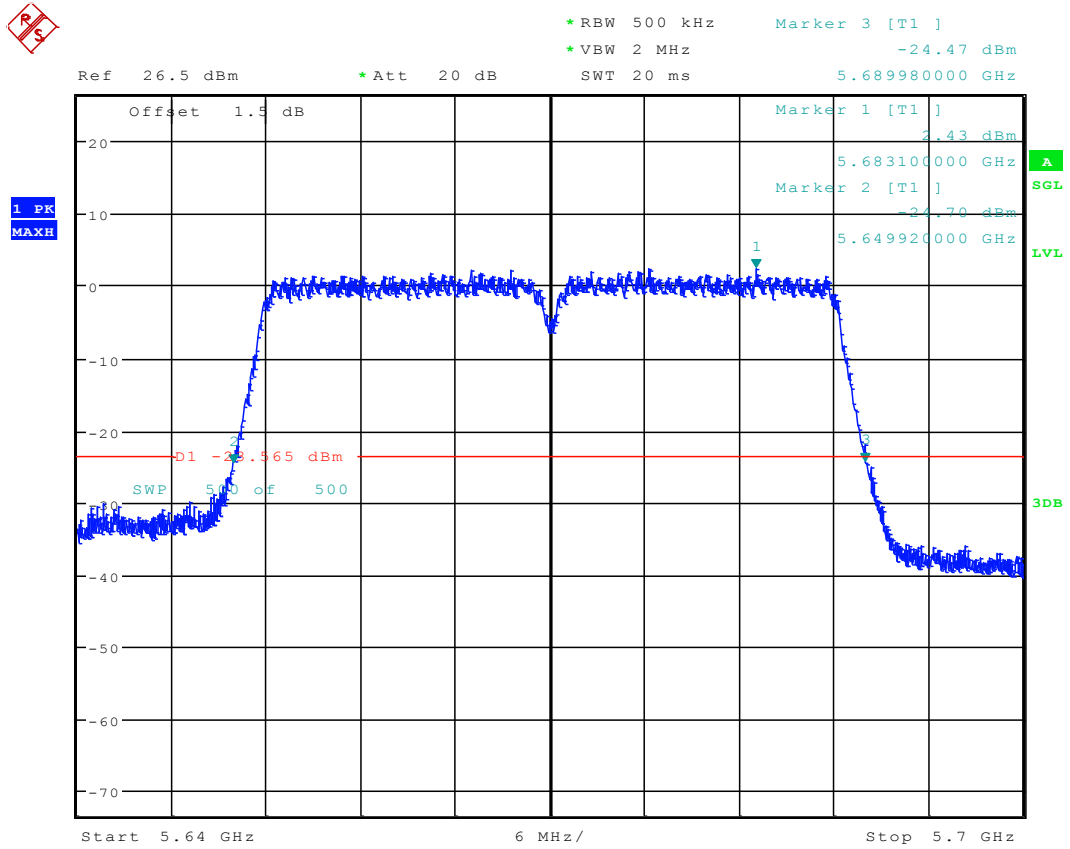
Date: 15.SEP.2017 16:55:09

### 3.123 11AC40MIMO\_134 ANT 1



Date: 13.SEP.2017 17:28:02

### 3.124 11AC40MIMO\_134 ANT 2

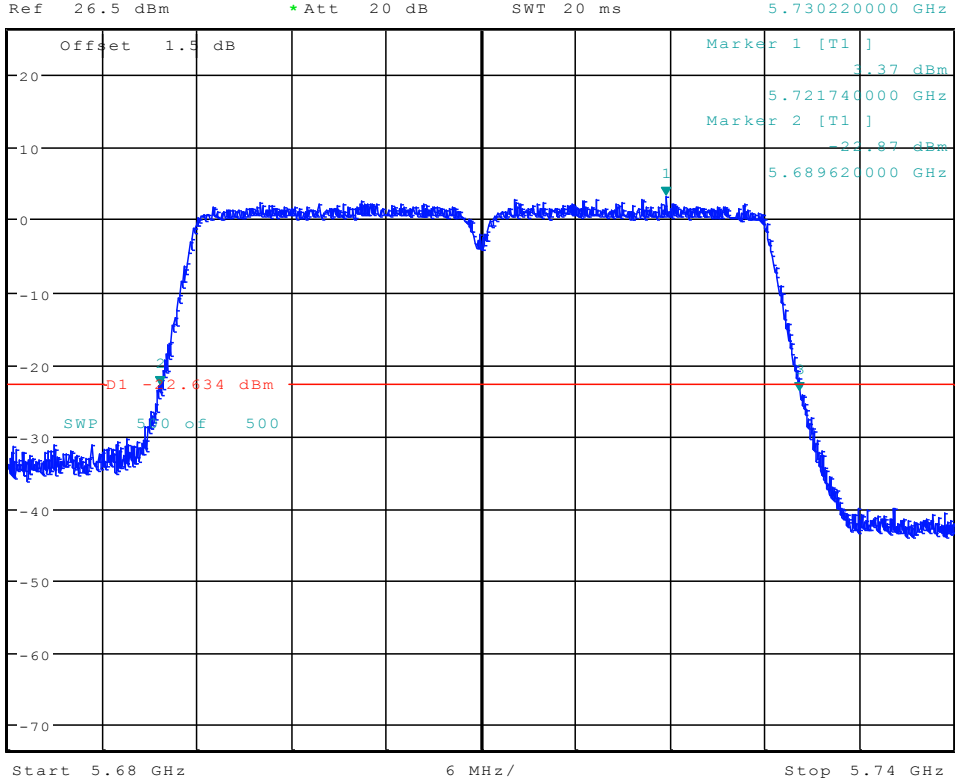


Date: 15.SEP.2017 16:58:10

### 3.125 11AC40MIMO\_142 ANT 1

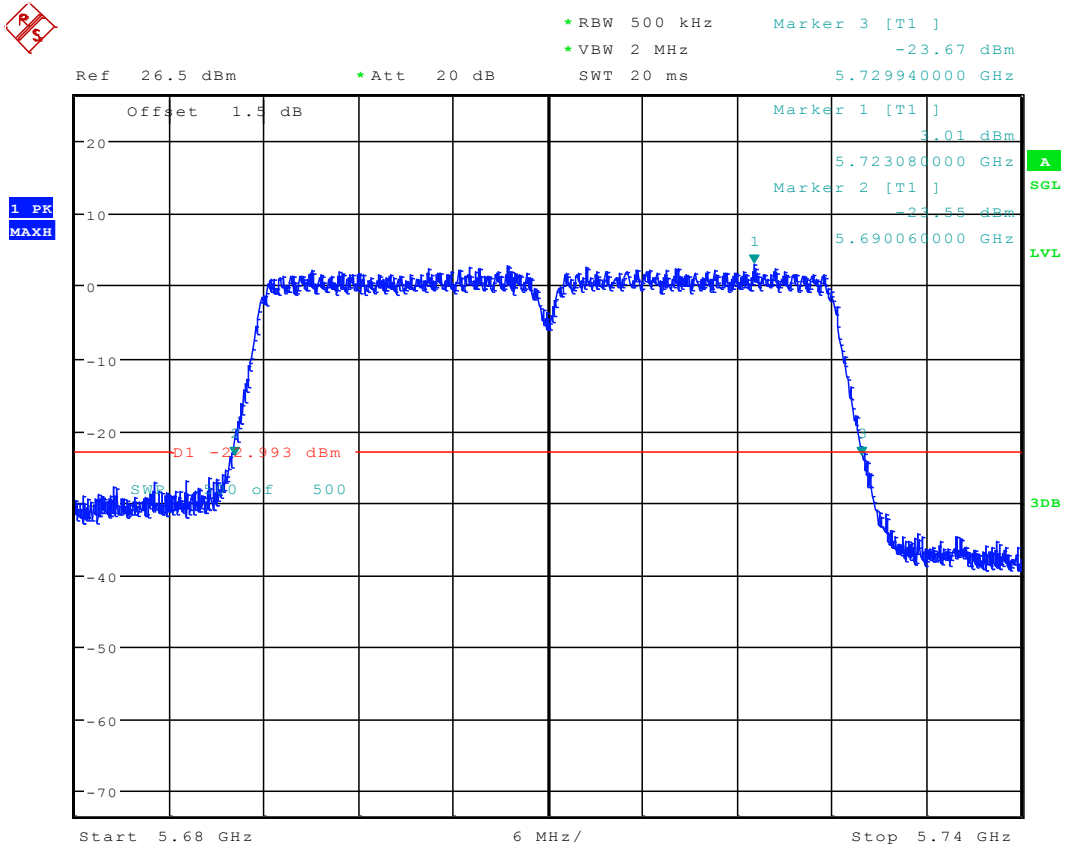


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -23.92 dBm  
 \*Att 20 dB      SWT 20 ms      5.730220000 GHz



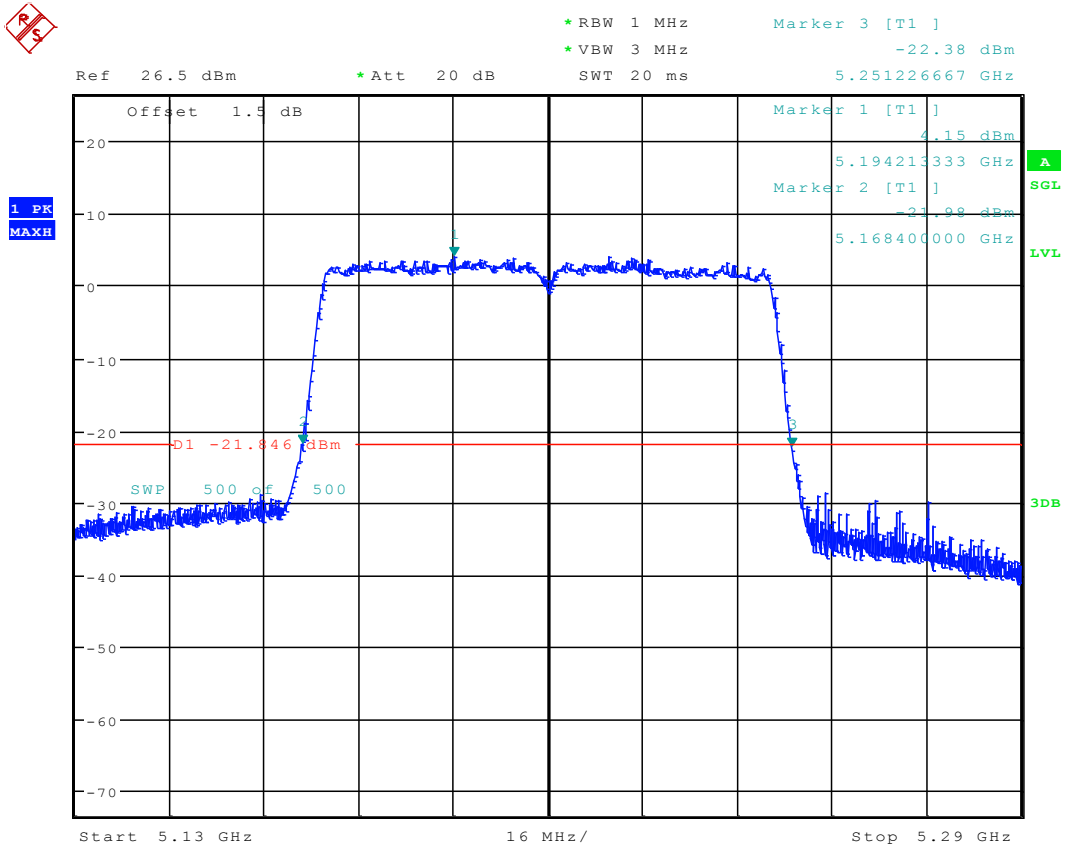
Date: 16.SEP.2017 11:07:13

### 3.126 11AC40MIMO\_142 ANT 2



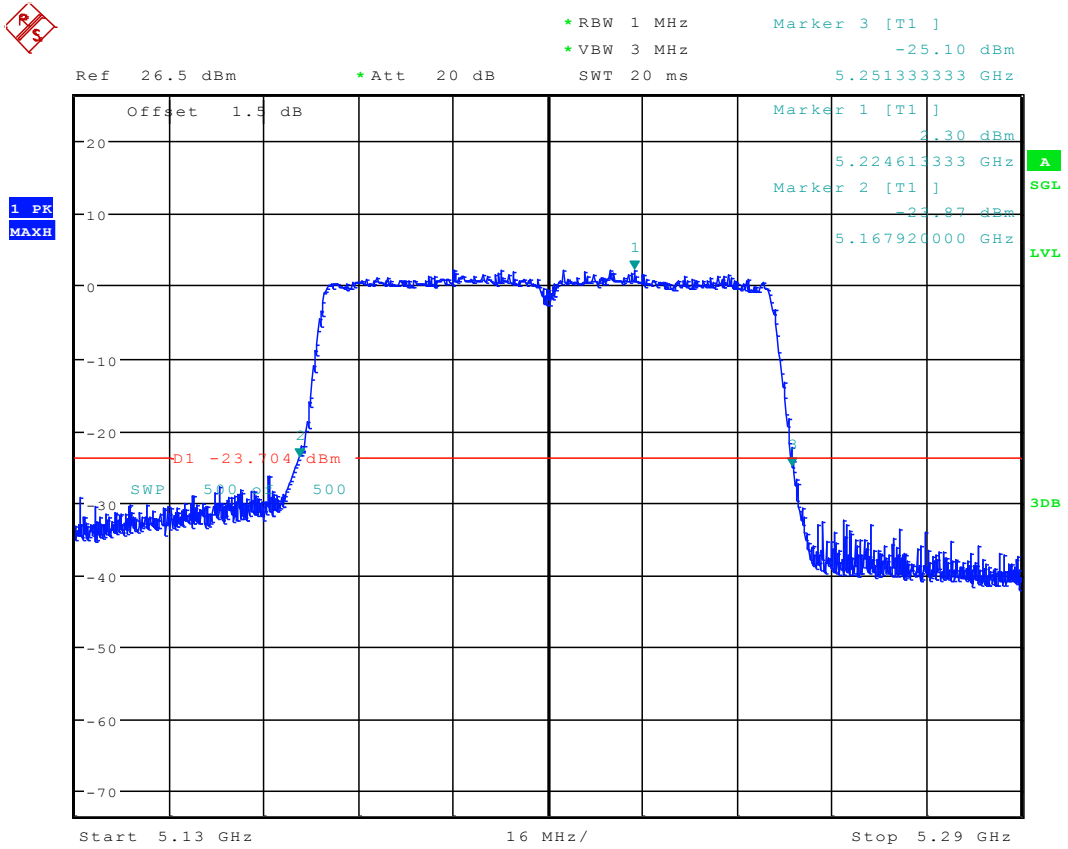
Date: 16.SEP.2017 11:41:55

### 3.127 11AC80\_42 ANT 1



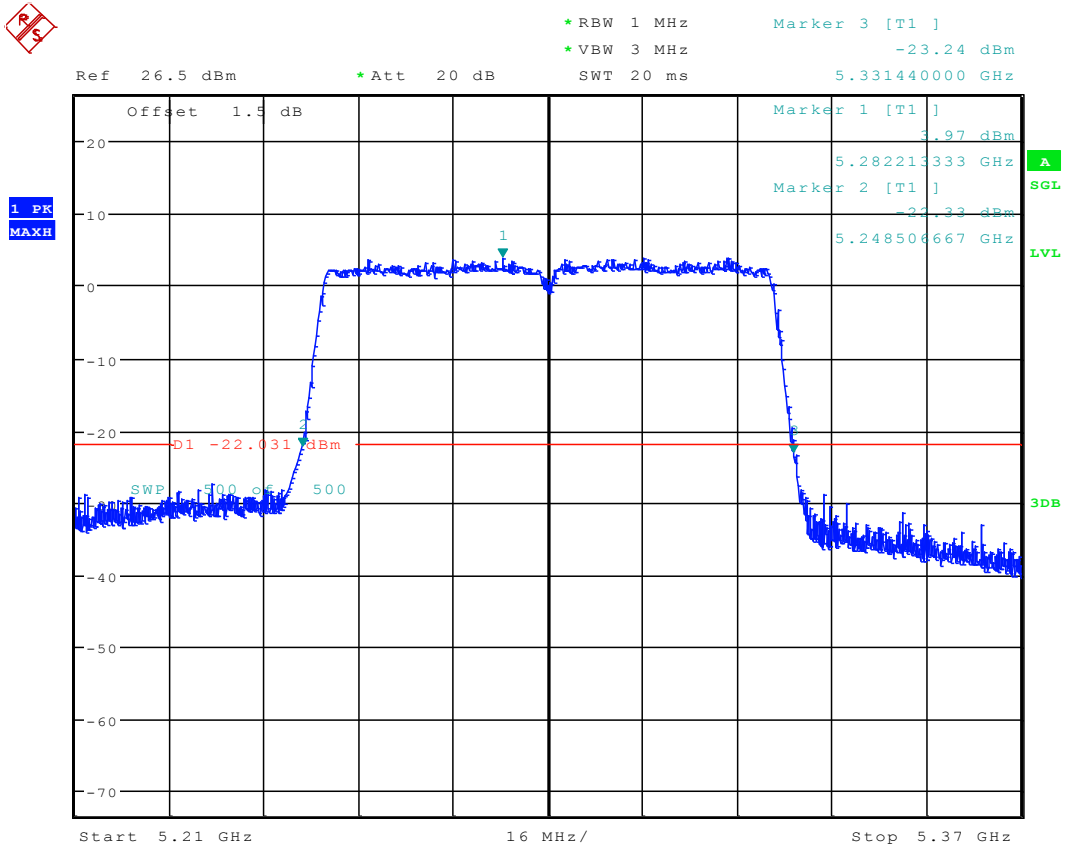
Date: 12.SEP.2017 10:37:09

3.128 11AC80\_42 ANT 2



Date: 12.SEP.2017 13:53:02

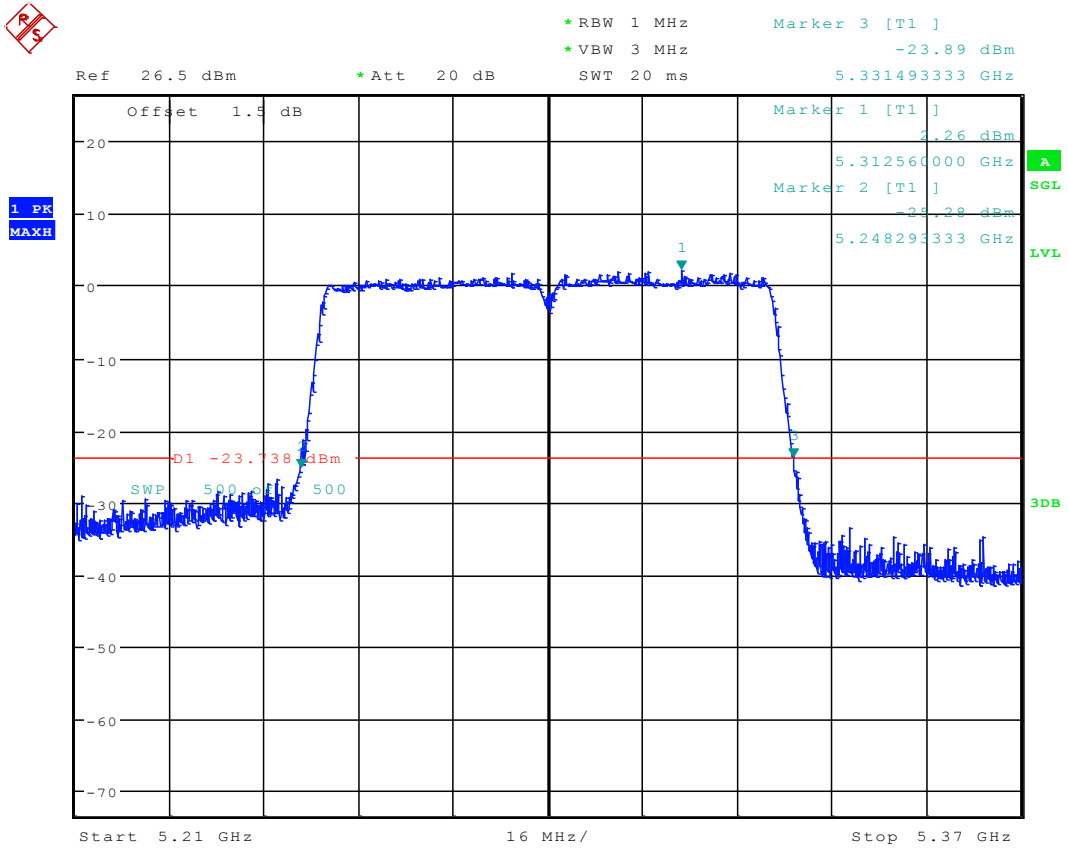
### 3.129 11AC80\_58 ANT 1



Date: 12.SEP.2017 10:42:28



### 3.130 11AC80\_58 ANT 2

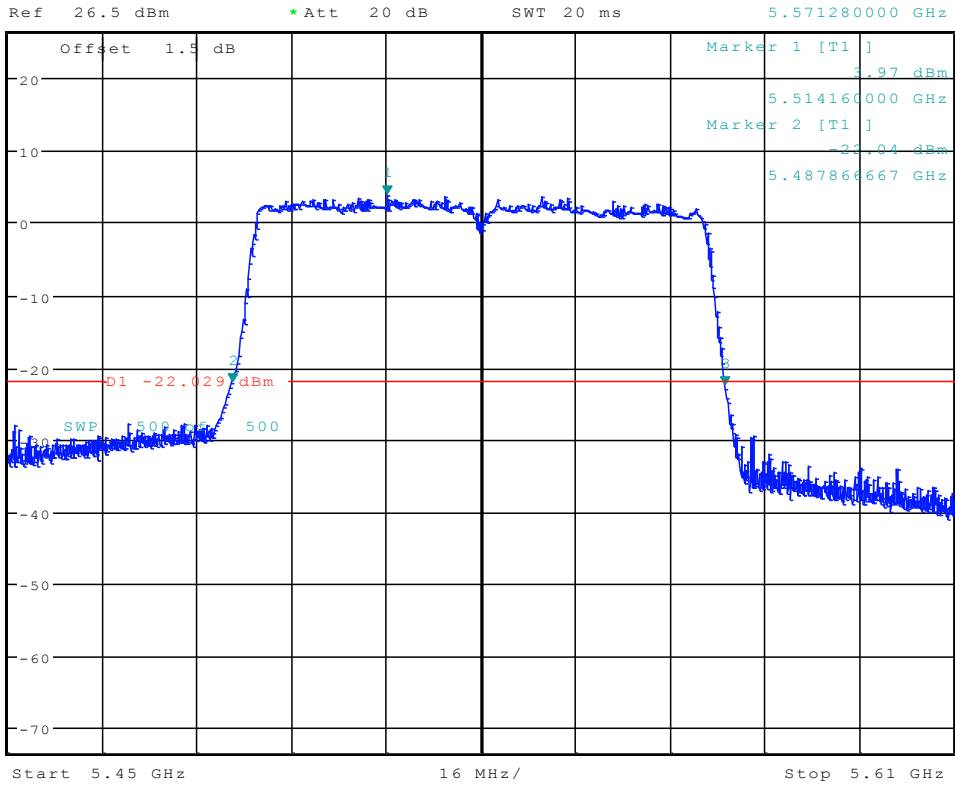


Date: 12.SEP.2017 14:00:39

### 3.131 11AC80\_106 ANT 1

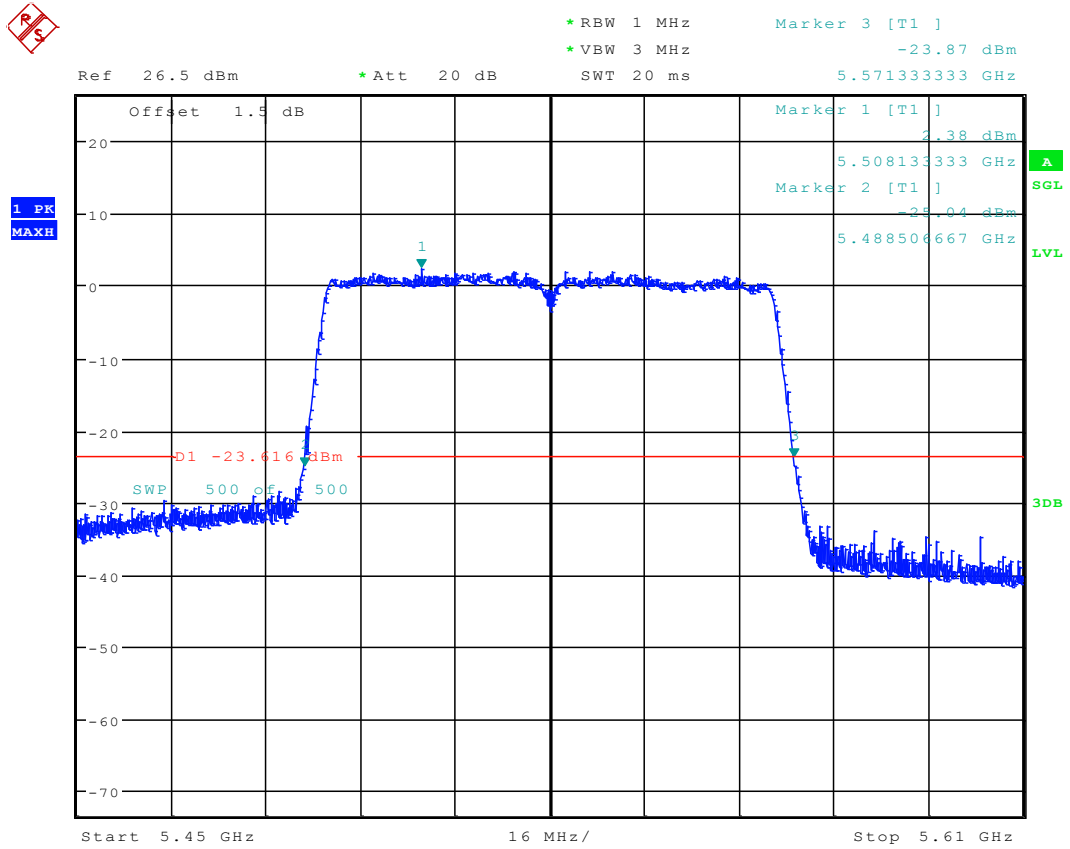


\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -22.53 dBm  
 SWT 20 ms      5.571280000 GHz



Date: 12.SEP.2017 10:46:38

### 3.132 11AC80\_106 ANT 2



Date: 12.SEP.2017 14:03:45

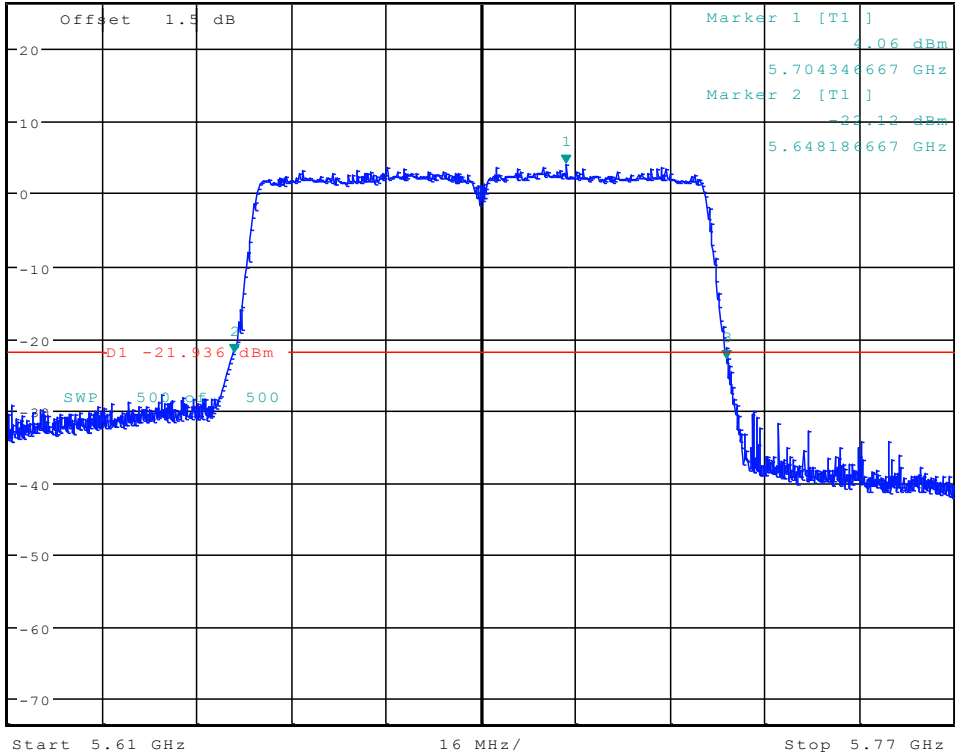
### 3.133 11AC80\_138 ANT 1



\*RBW 1 MHz      Marker 3 [T1 ]  
\*VBW 3 MHz      -22.88 dBm  
SWT 20 ms      5.731440000 GHz

Ref 26.5 dBm      \*Att 20 dB

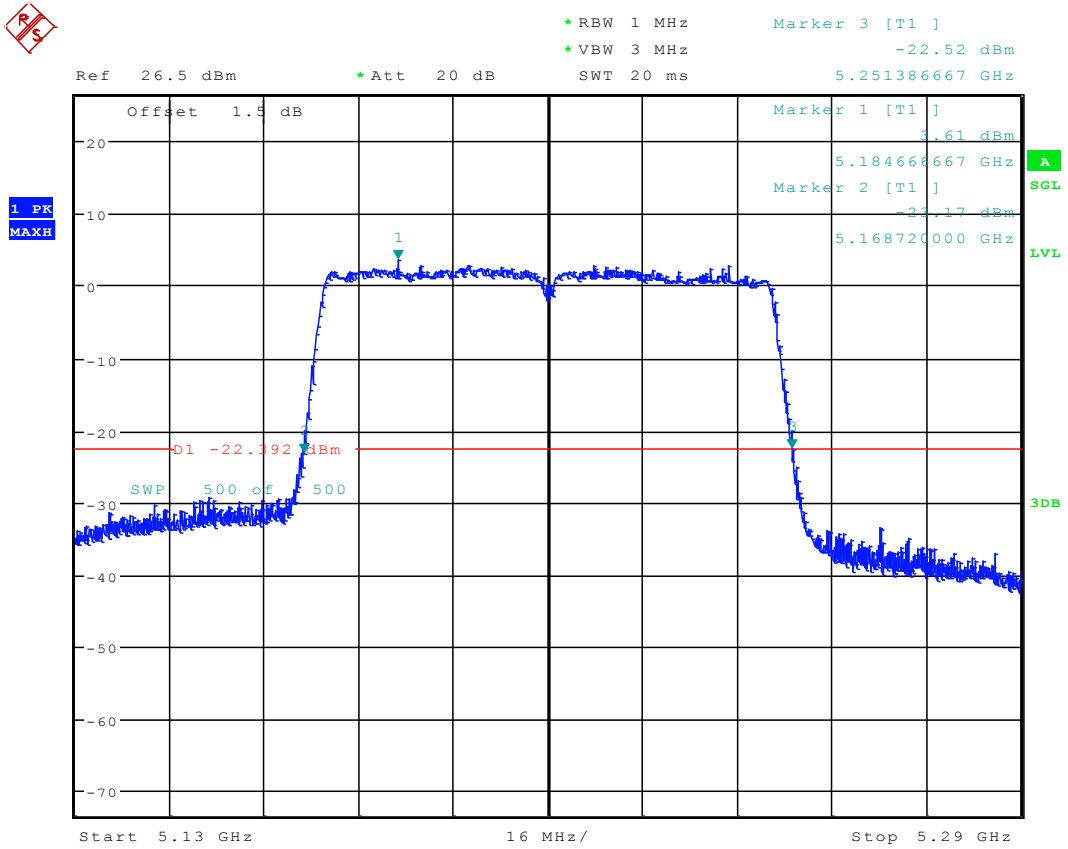
1 PK  
MAXH



Date: 18.SEP.2017 14:30:56

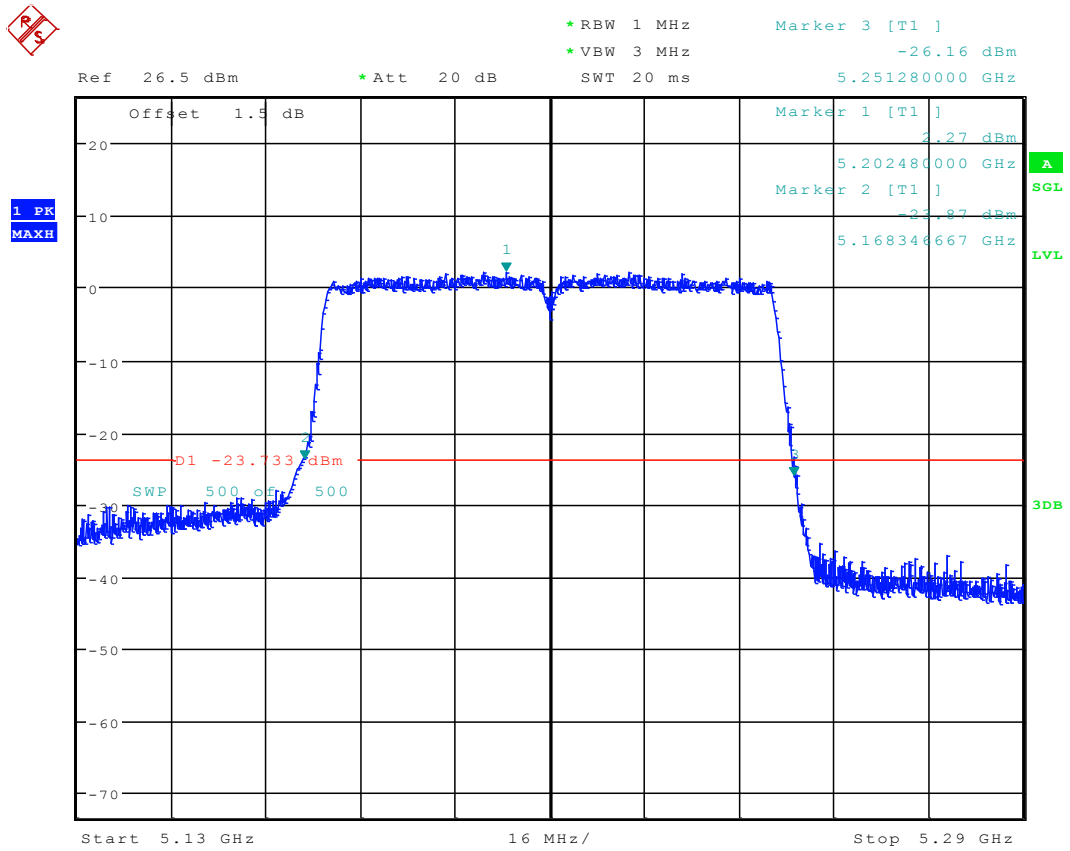


### 3.135 11AC80MIMO\_42 ANT 1



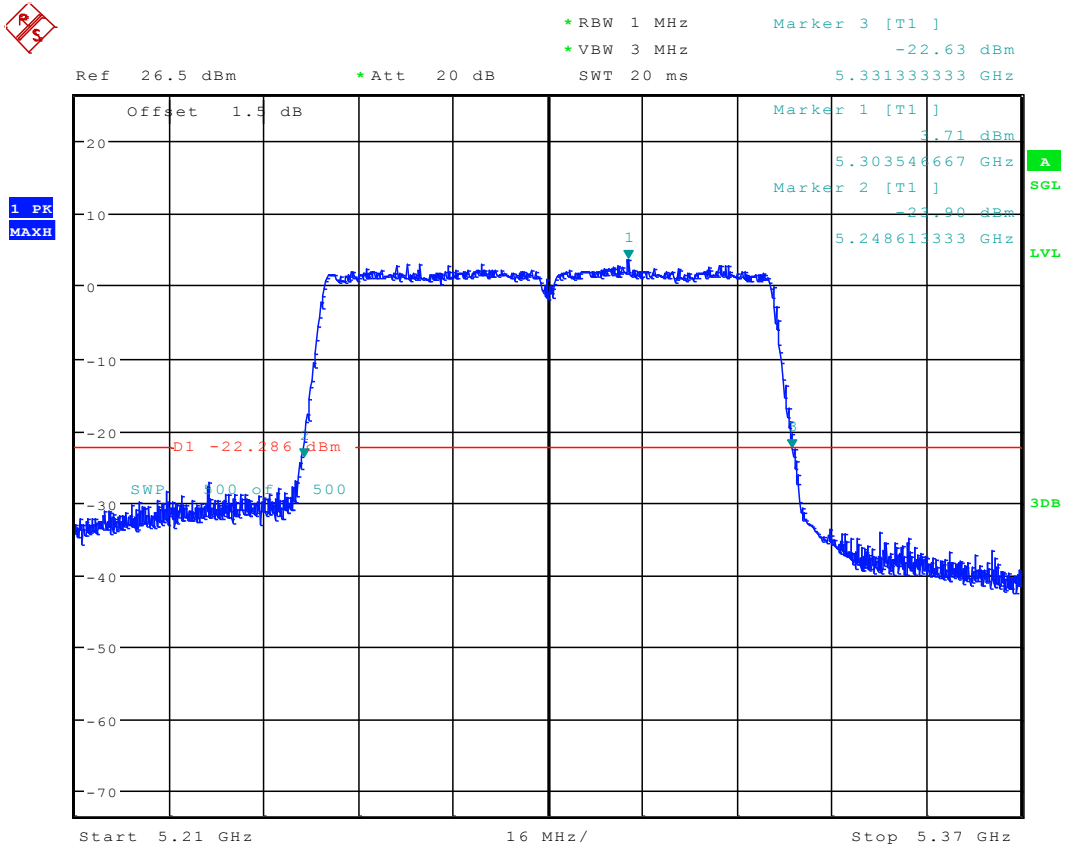
Date: 13.SEP.2017 17:52:40

## 3.136 11AC80MIMO\_42 ANT 2



Date: 15.SEP.2017 17:09:57

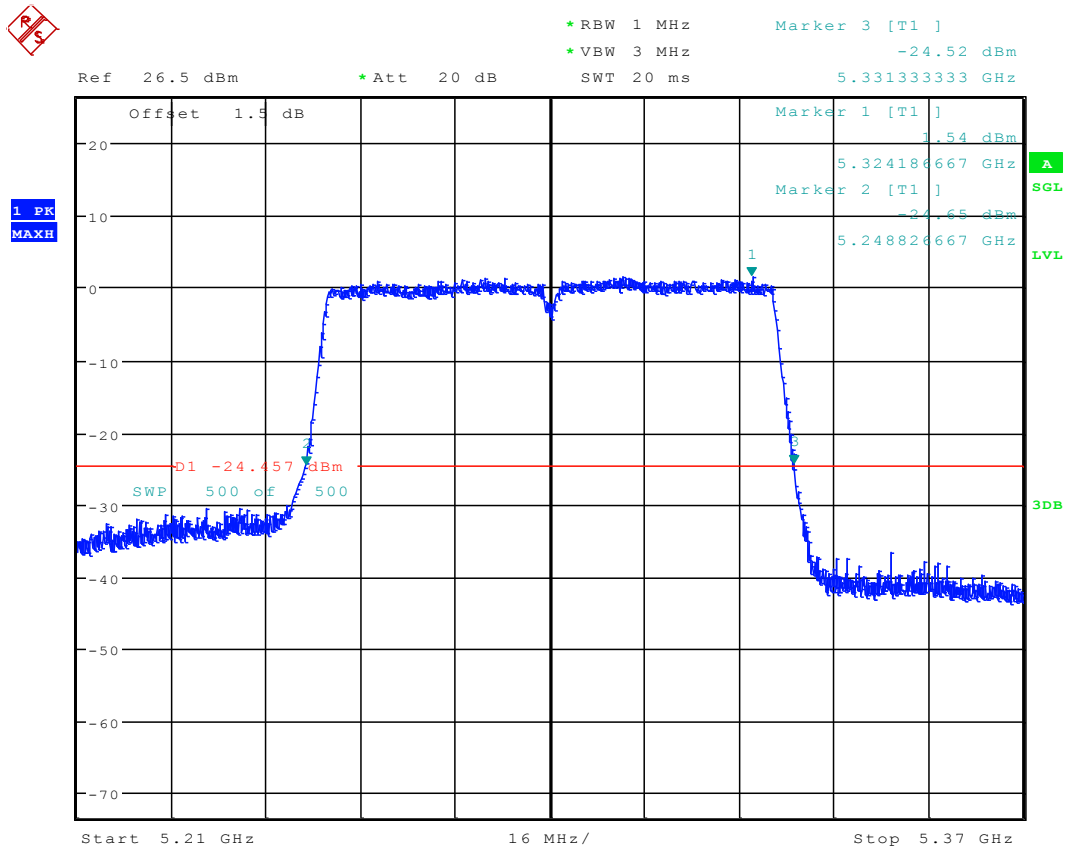
### 3.137 11AC80MIMO\_58 ANT 1



Date: 13.SEP.2017 17:55:37

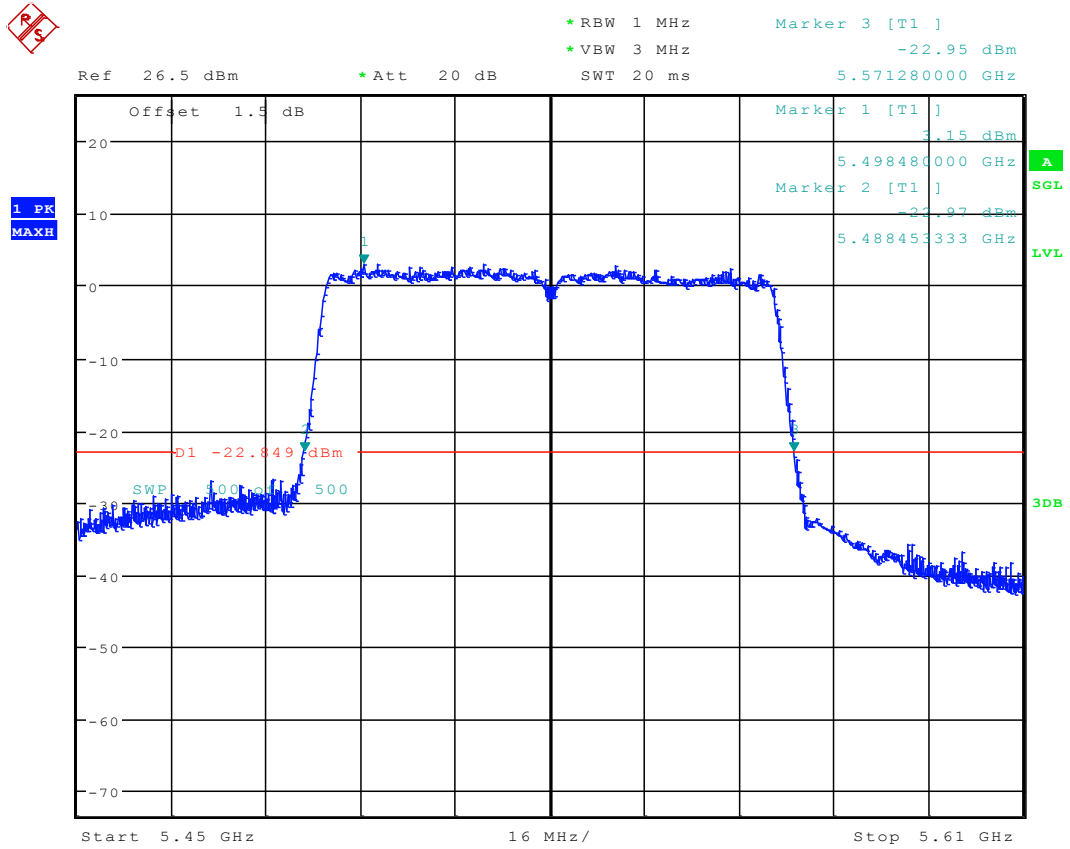


## 3.138 11AC80MIMO\_58 ANT 2



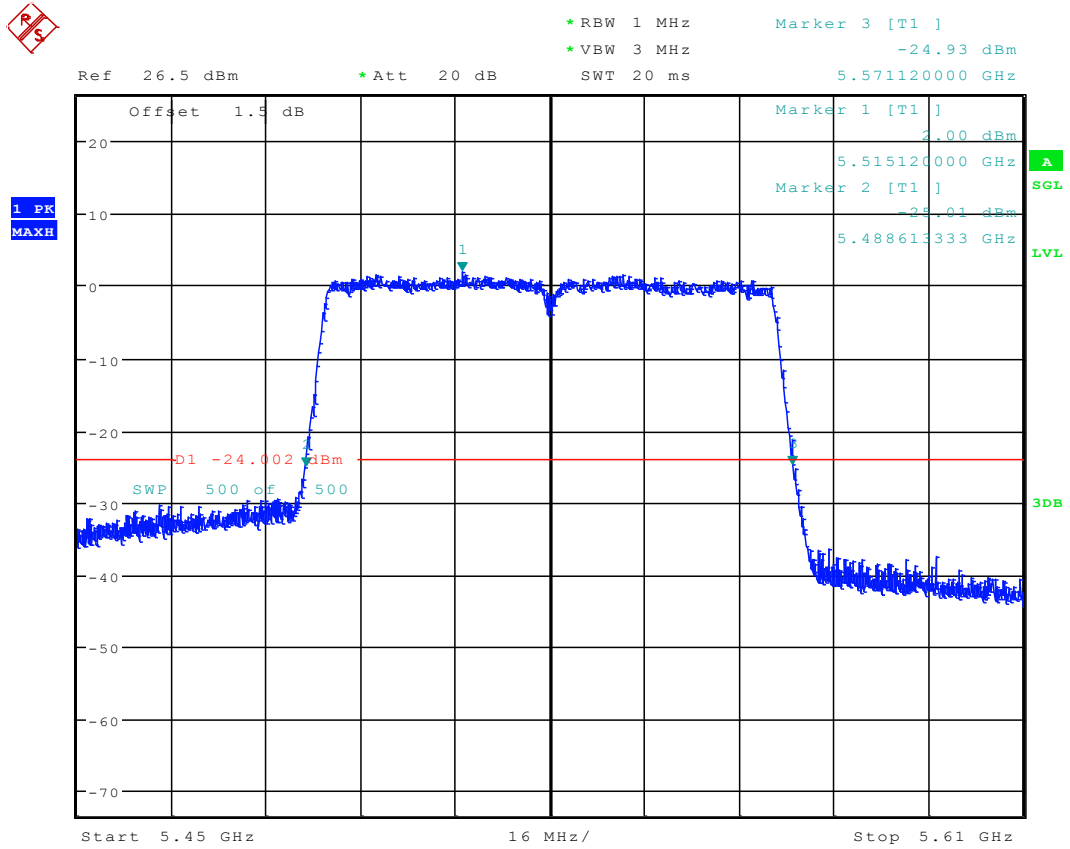
Date: 15.SEP.2017 17:14:54

### 3.139 11AC80MIMO\_106 ANT 1



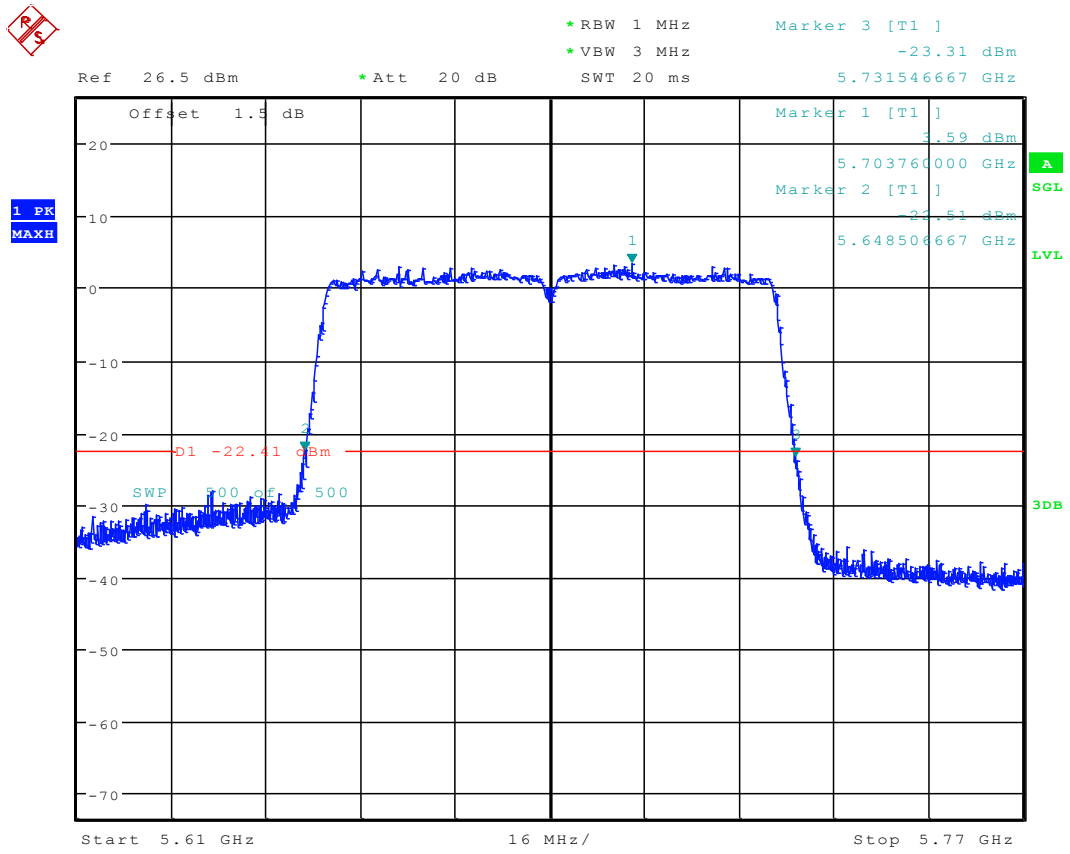
Date: 13.SEP.2017 17:58:42

### 3.140 11AC80MIMO\_106 ANT 2



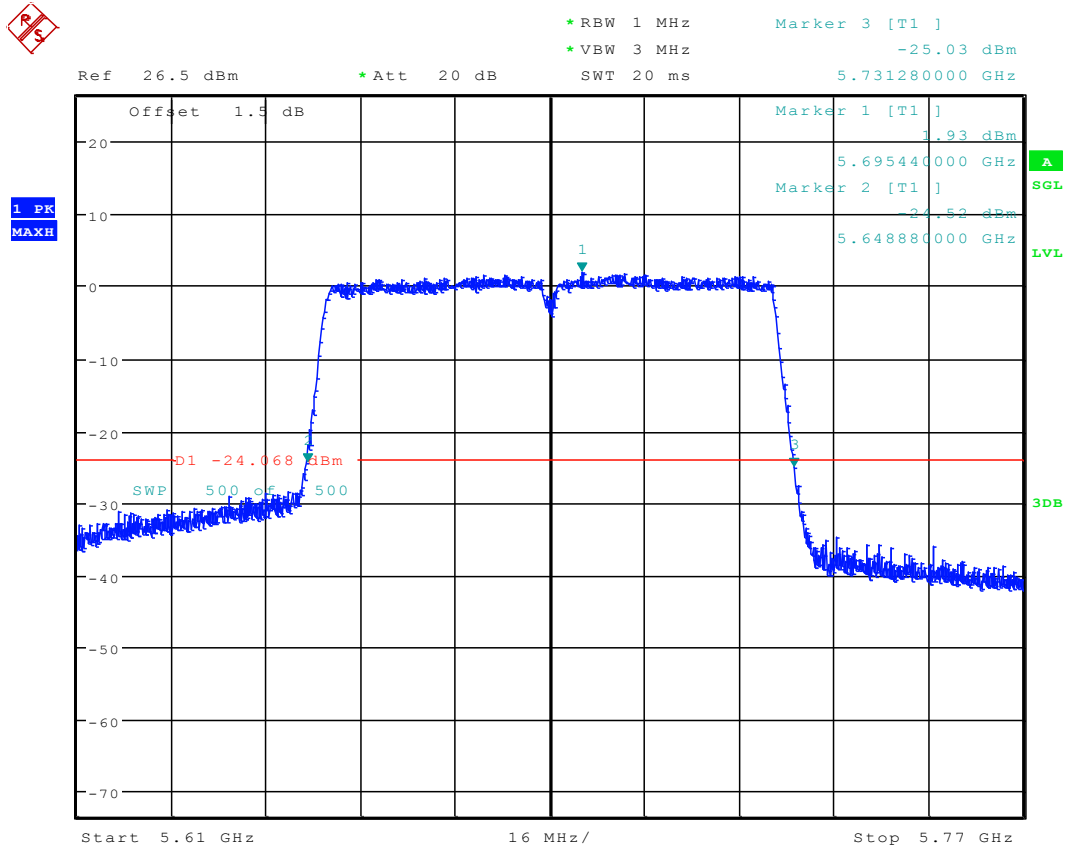
Date: 15.SEP.2017 17:17:52

### 3.141 11AC80MIMO\_138 ANT 1



Date: 16.SEP.2017 11:10:18

### 3.142 11AC80MIMO\_138 ANT 2



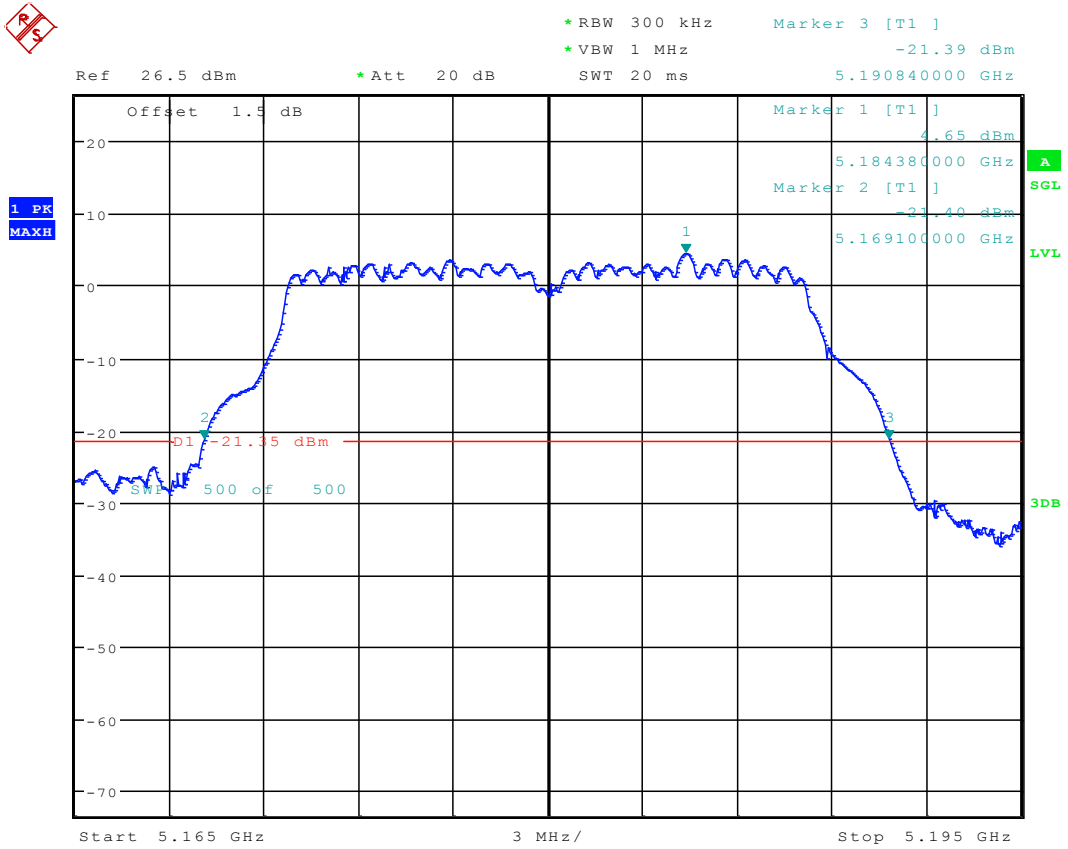
Date: 16.SEP.2017 11:44:44

### 3.143

#### 11A-CDD\_36 ANT1

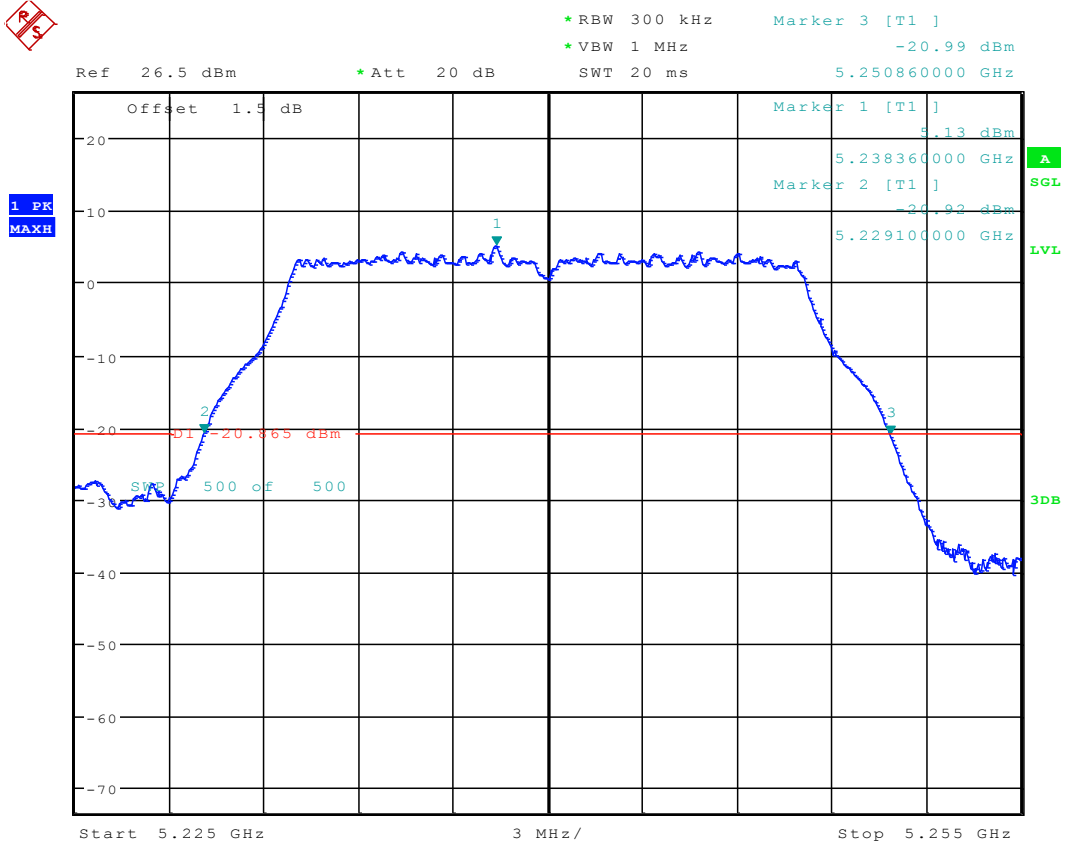


### 3.144 11A-CDD\_36 ANT 2



Date: 18.SEP.2017 10:10:22

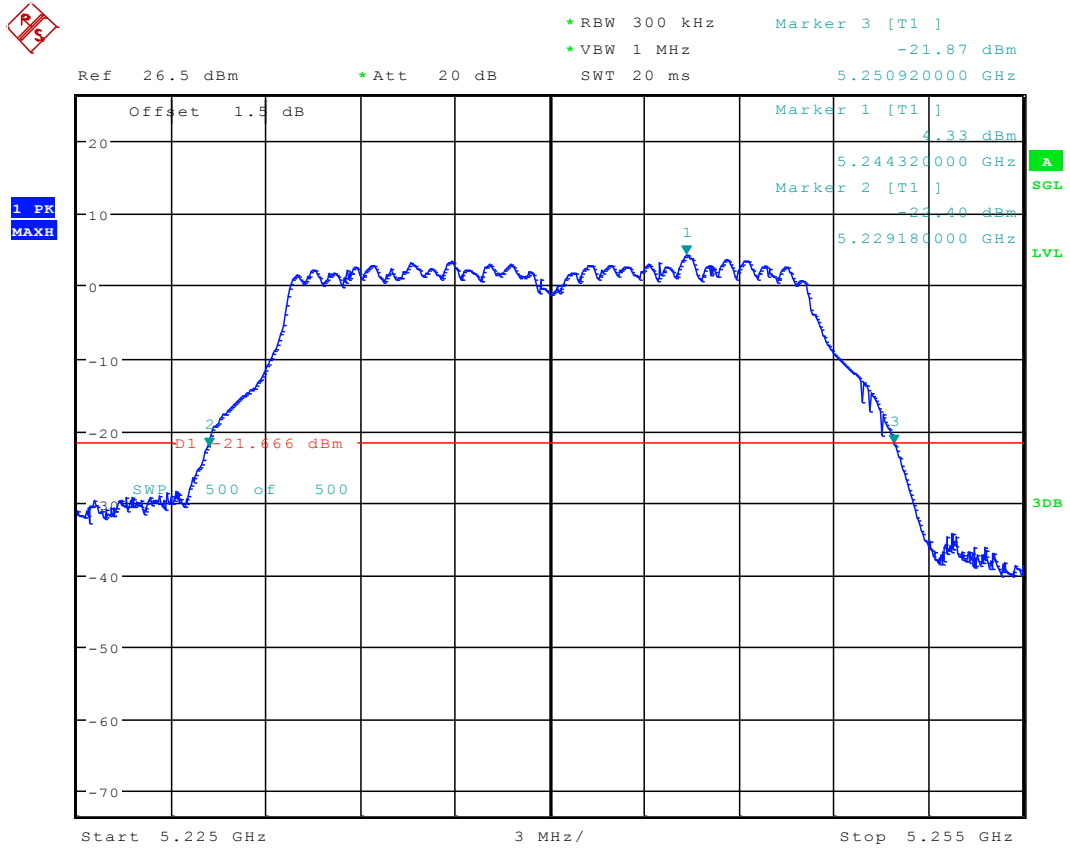
### 3.145 11A-CDD\_48 ANT 1



Date: 18.SEP.2017 09:41:56

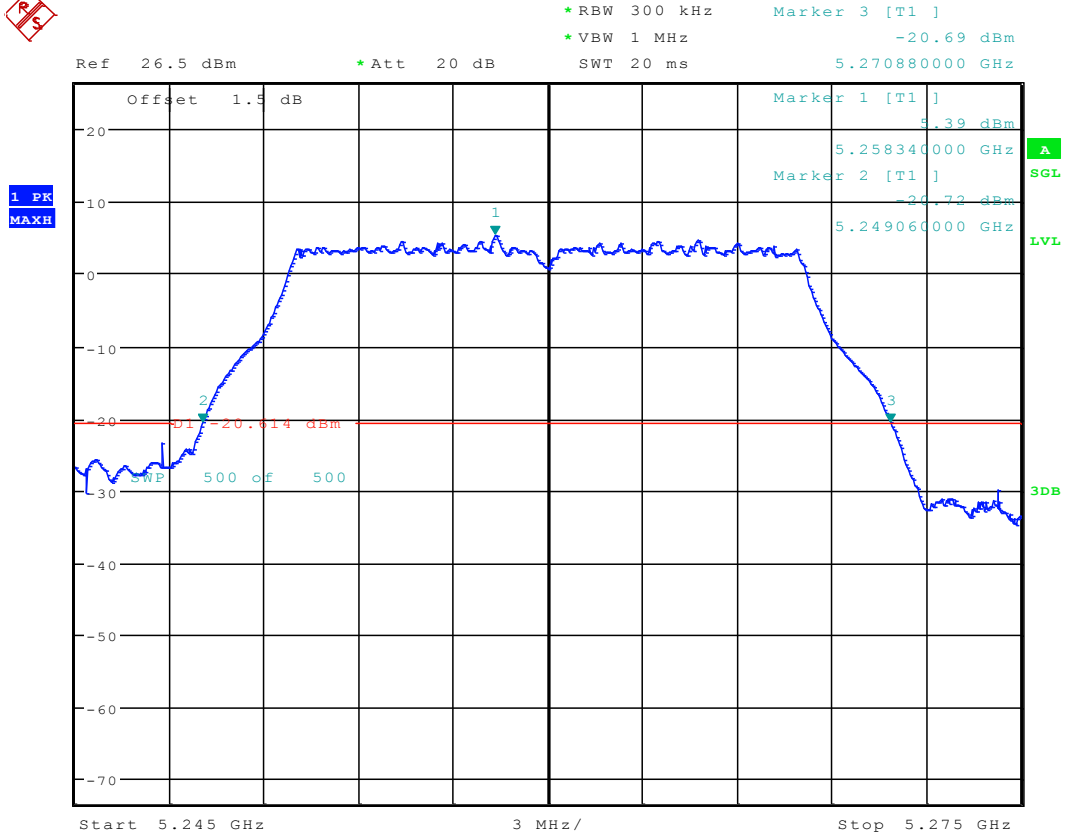


## 3.146 11A-CDD\_48 ANT 2



Date: 18.SEP.2017 10:13:35

### 3.147 11A-CDD\_52 ANT 1



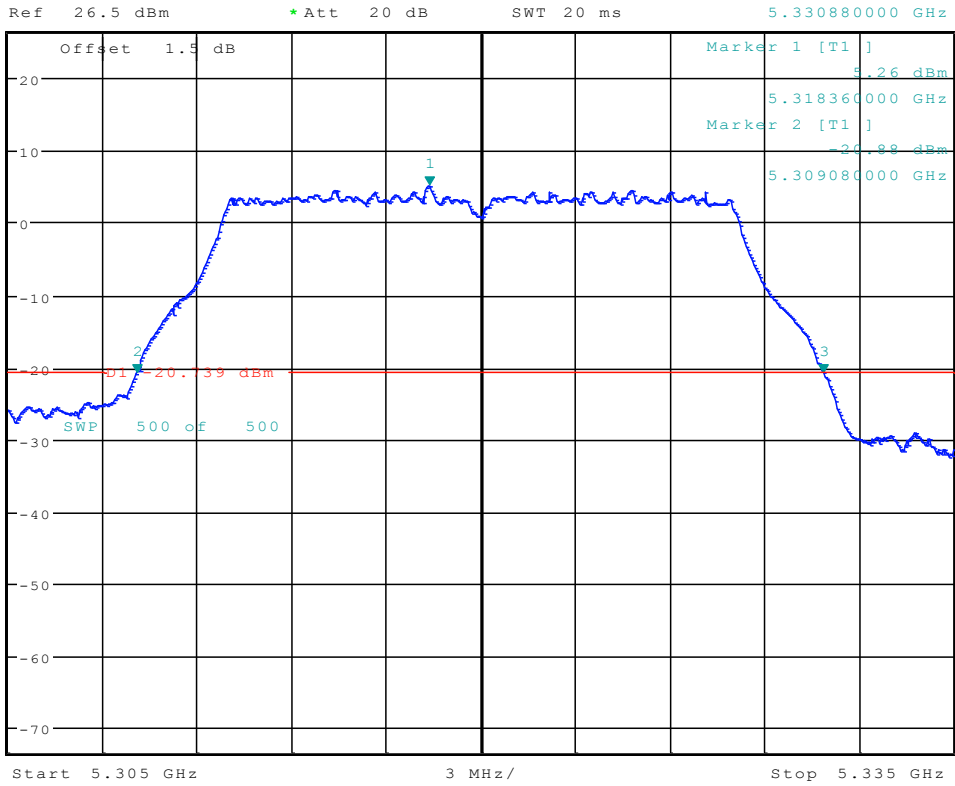
Date: 18.SEP.2017 09:45:03



### 3.149 11A-CDD\_64 ANT 1

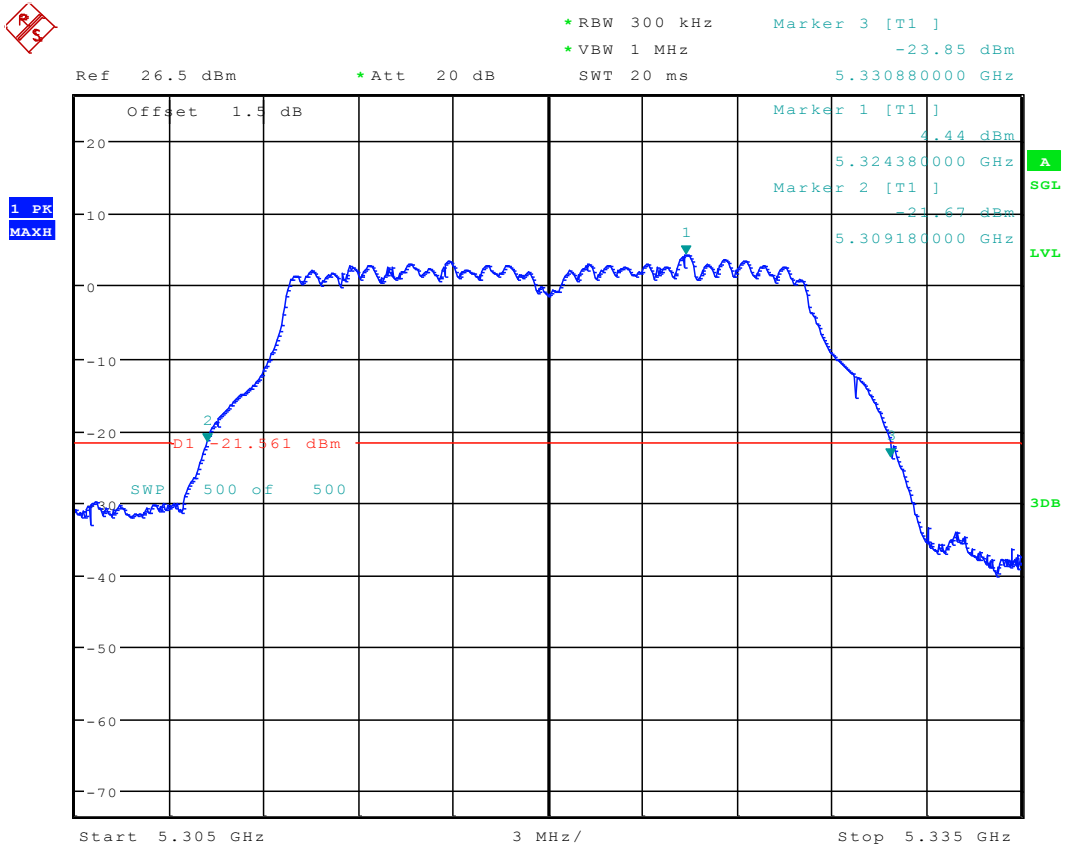


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.86 dBm  
 SWT 20 ms      5.330880000 GHz



Date: 18.SEP.2017 09:47:43

### 3.150 11A-CDD\_64 ANT 2

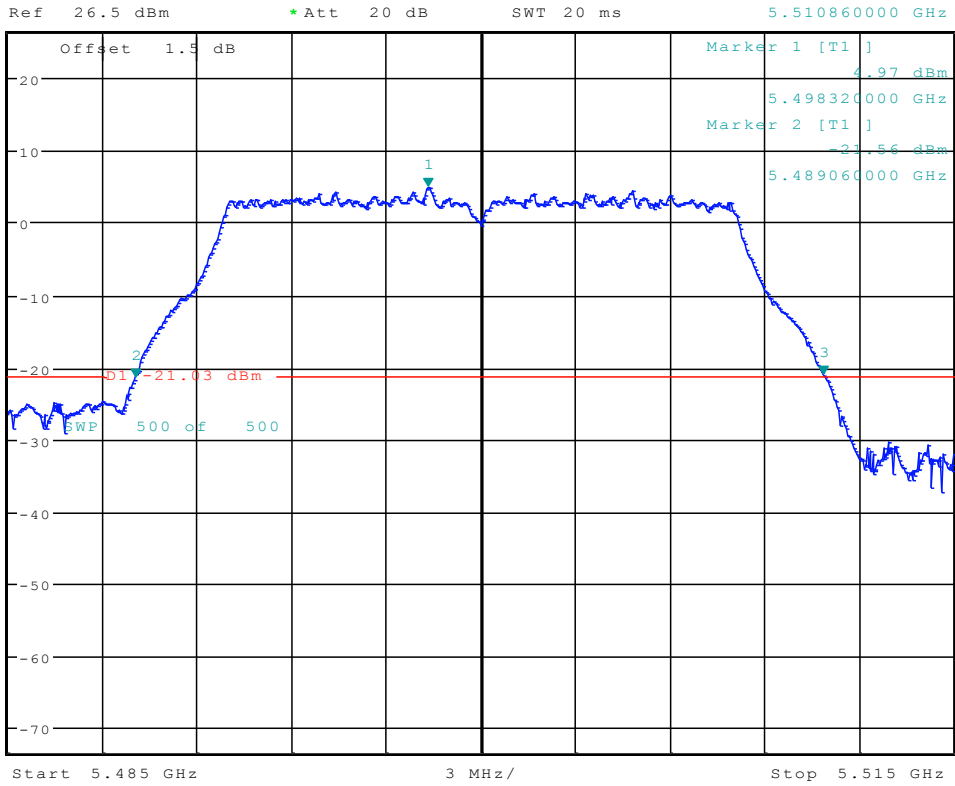


Date: 18.SEP.2017 10:20:36

### 3.151 11A-CDD\_100 ANT 1

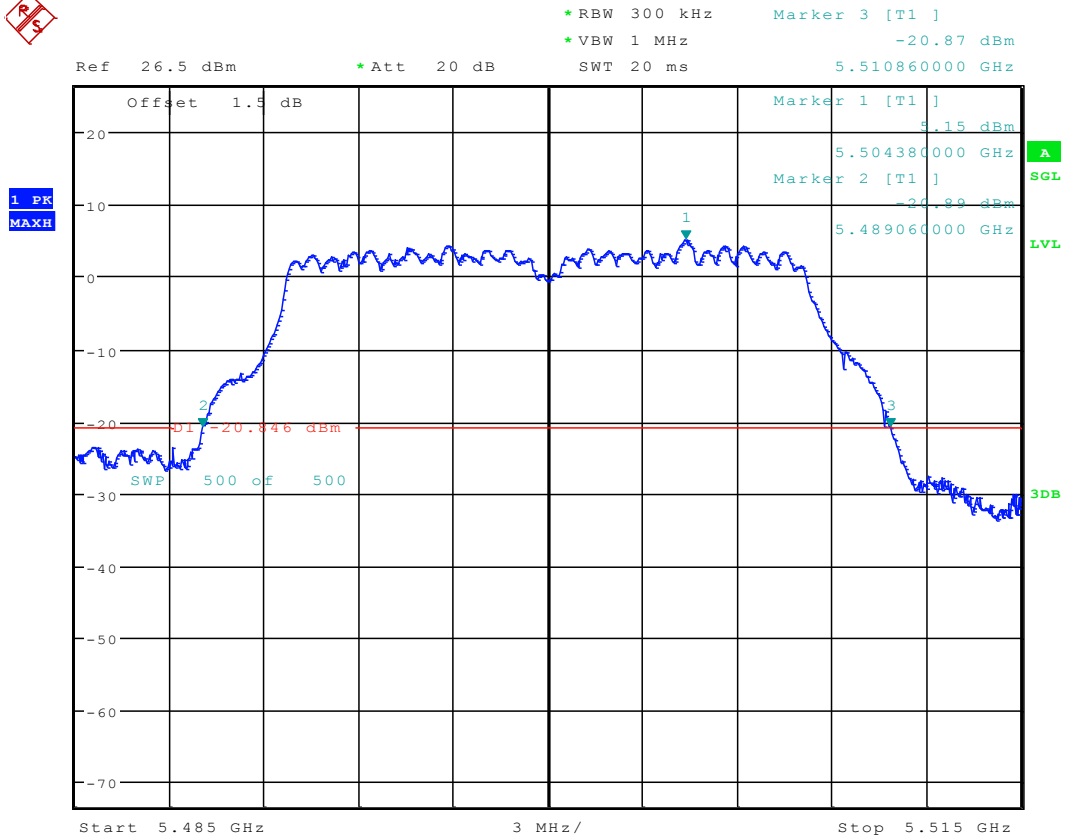


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.05 dBm  
 SWT 20 ms      5.510860000 GHz



Date: 18.SEP.2017 09:50:44

### 3.152 11A-CDD\_100 ANT 2

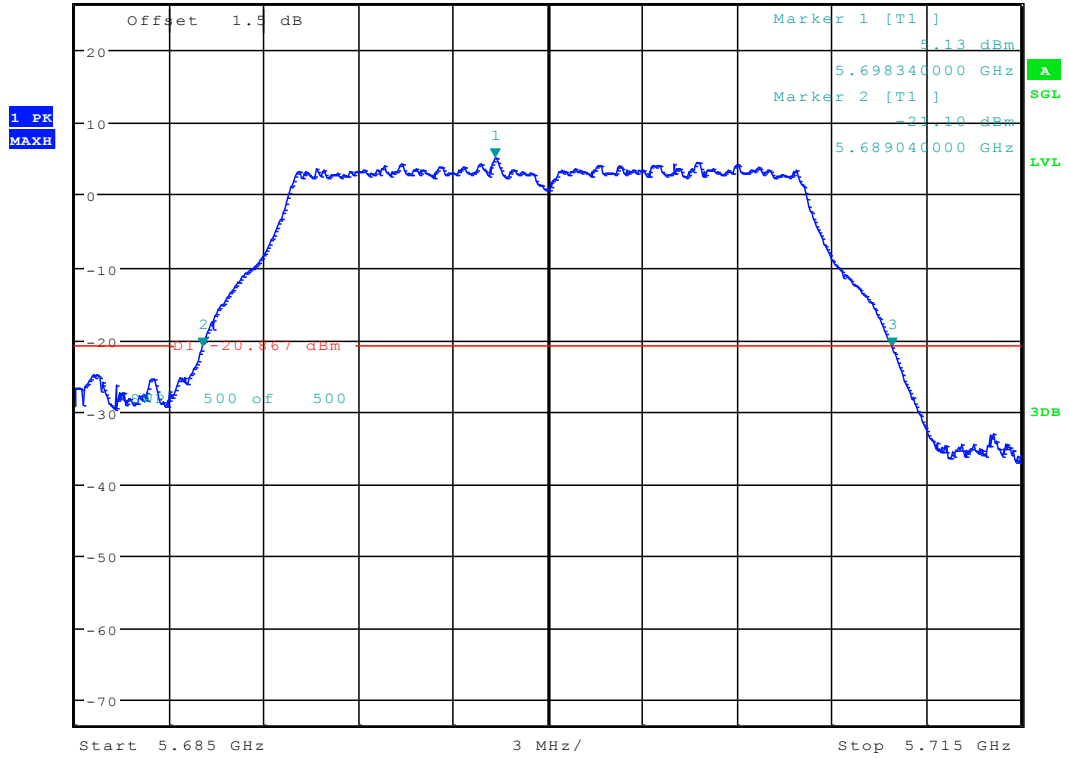


Date: 18.SEP.2017 10:26:15

### 3.153 11A-CDD\_140 ANT 1



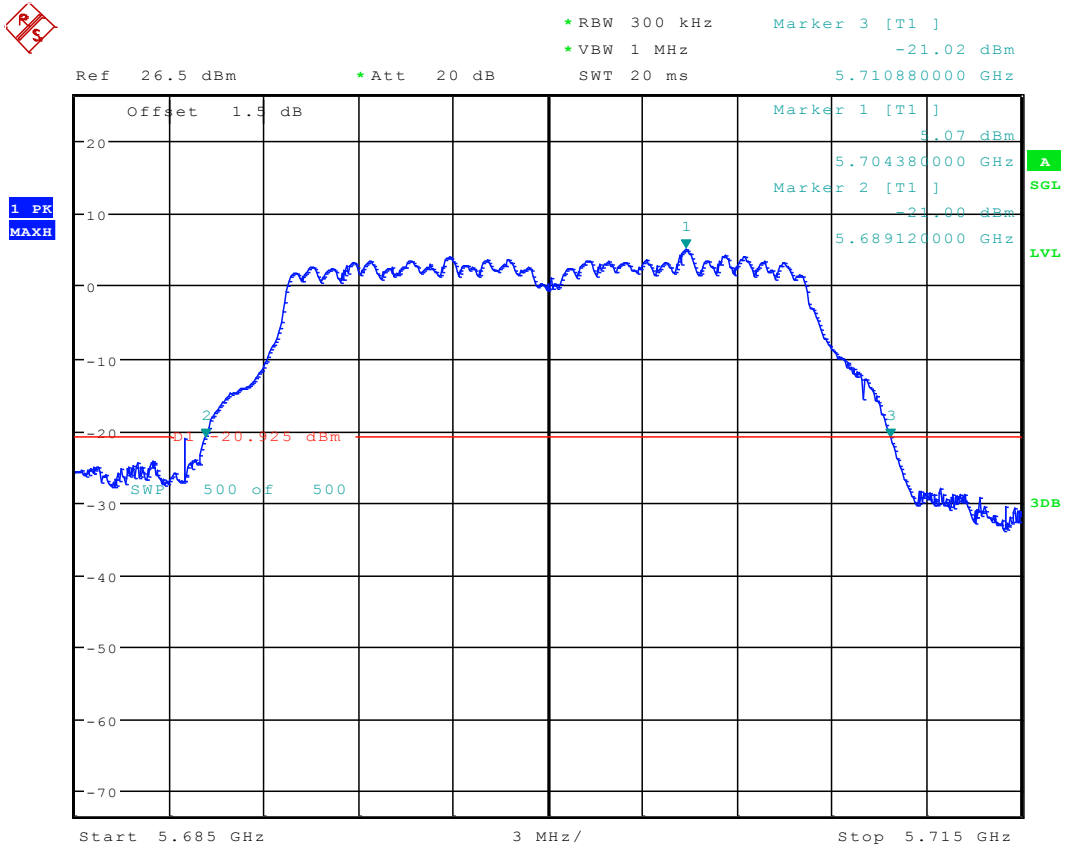
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.00 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.710920000 GHz



Date: 18.SEP.2017 09:53:22



### 3.154 11A-CDD\_140 ANT 2

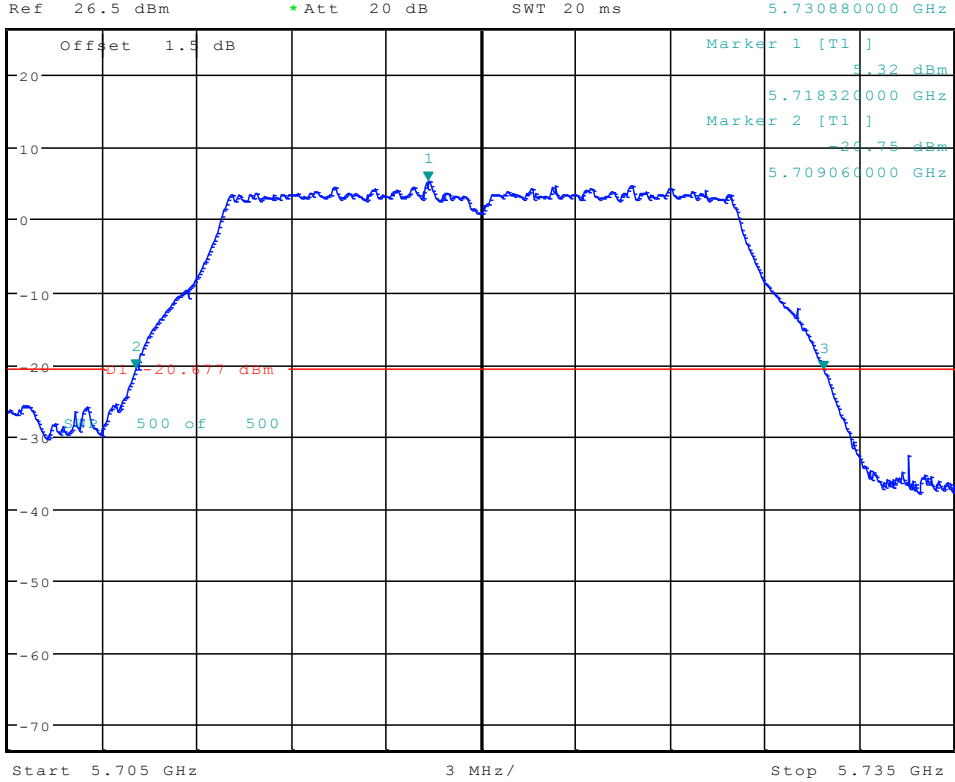


Date: 18.SEP.2017 10:30:34

### 3.155 11A-CDD\_144 ANT 1

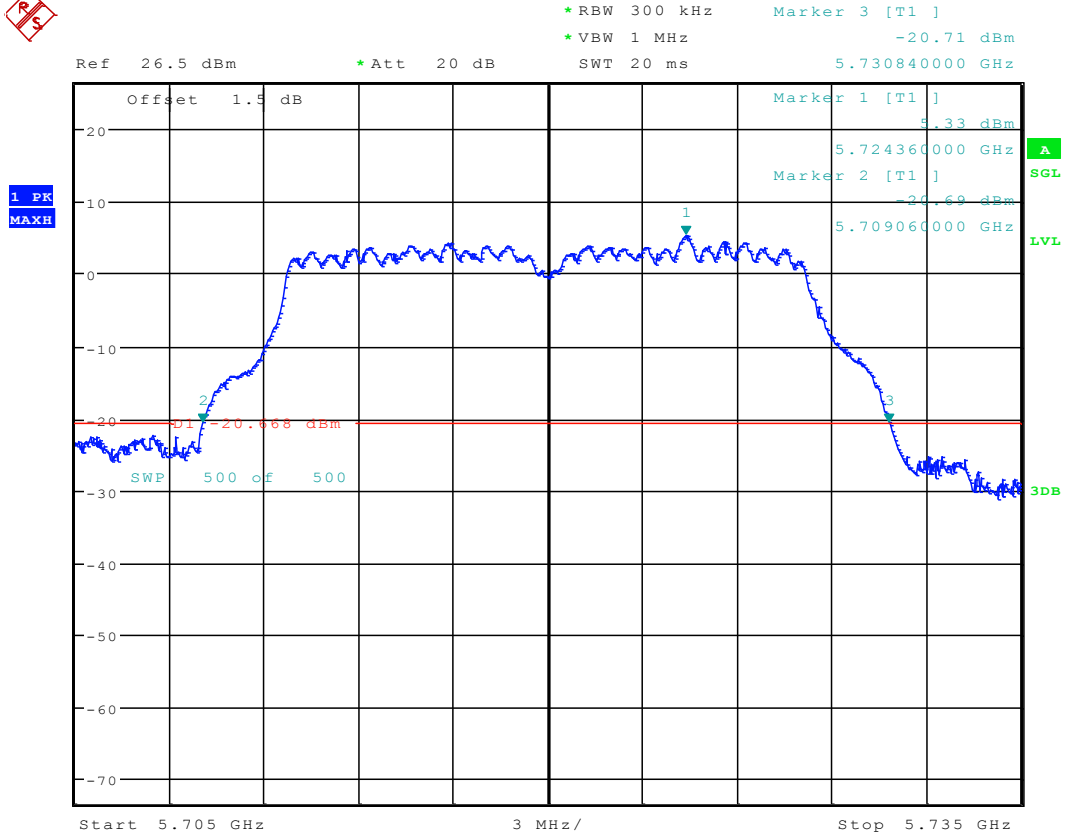


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.77 dBm  
 \*Att 20 dB      SWT 20 ms      5.730880000 GHz



Date: 18.SEP.2017 09:56:03

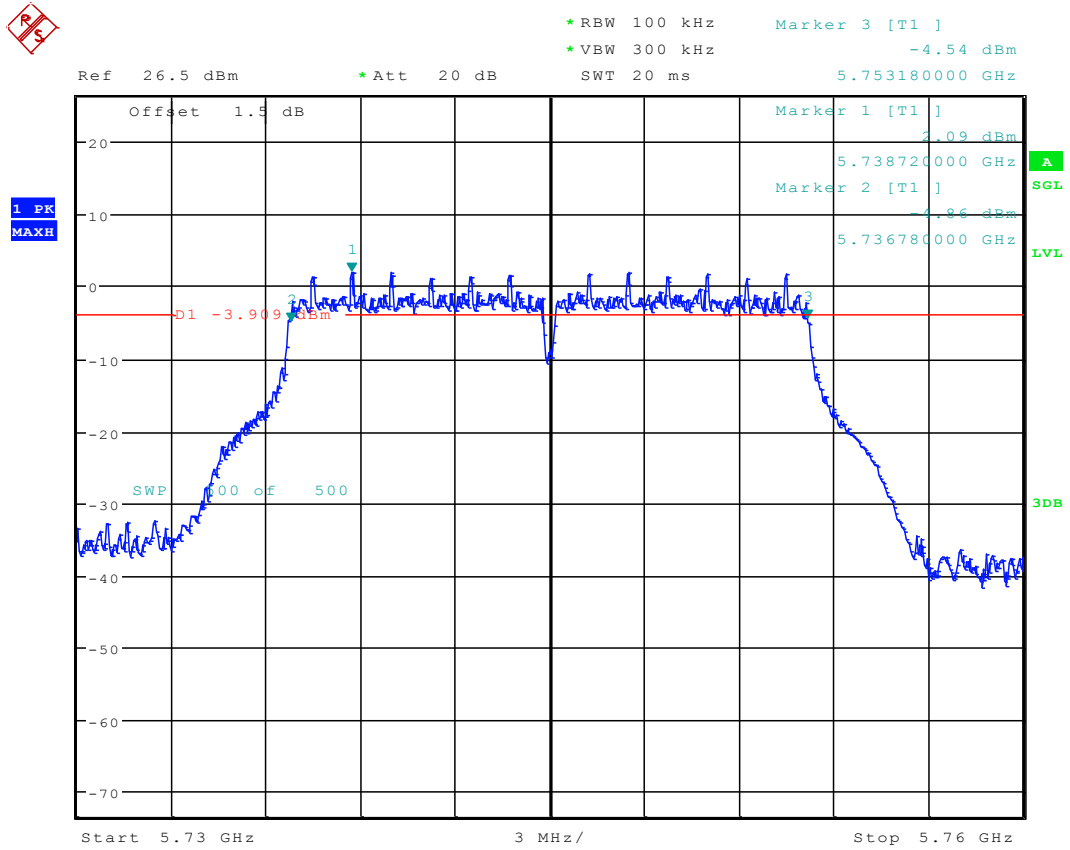
### 3.156 11A-CDD\_144 ANT 2



Date: 18.SEP.2017 10:33:29

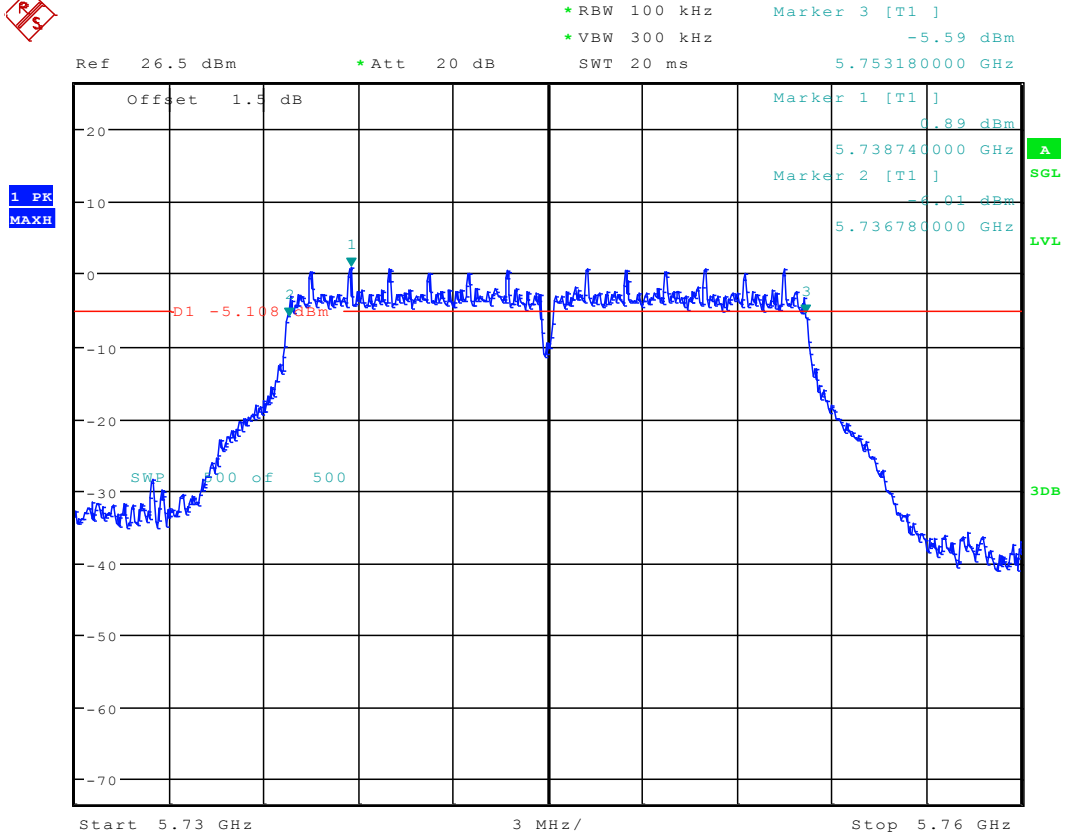
#### 4 Test Plot for 6dB Emission Bandwidth

##### 4.1 11A20\_149 ANT 1



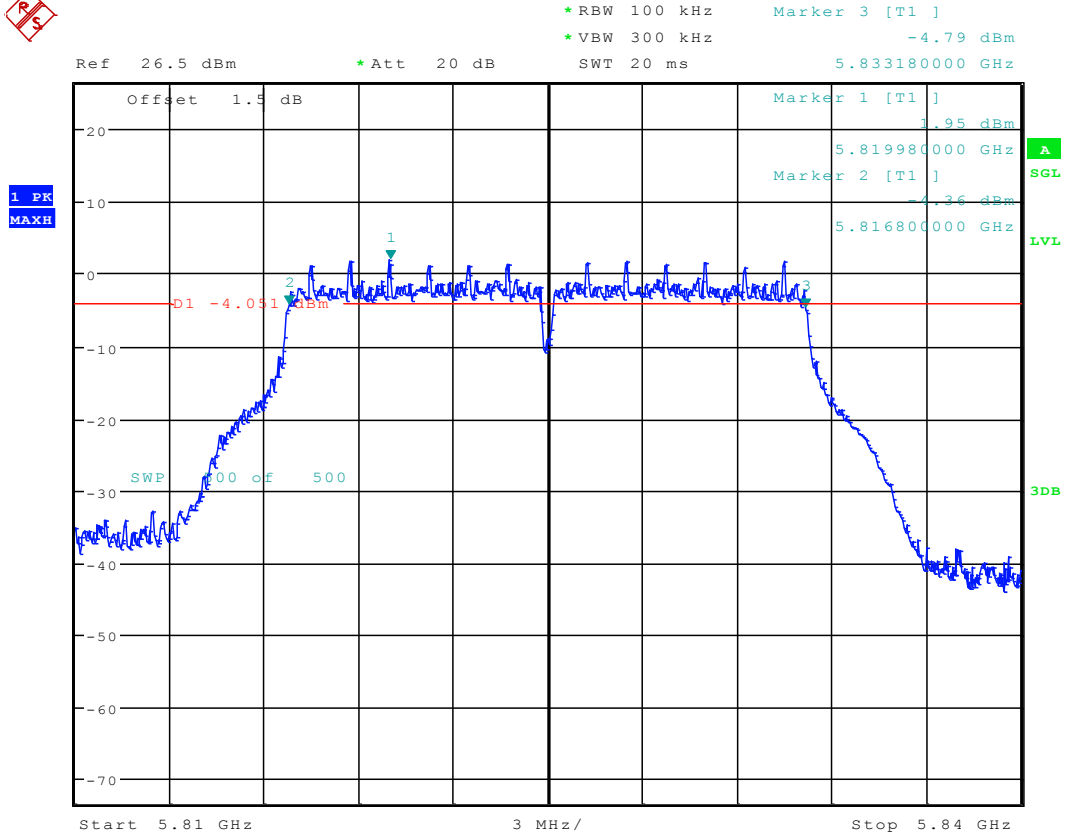
Date: 11.SEP.2017 12:04:21

### 4.2 11A20\_149 ANT 2



Date: 12.SEP.2017 14:47:52

### 4.3 11A20\_165 ANT 1

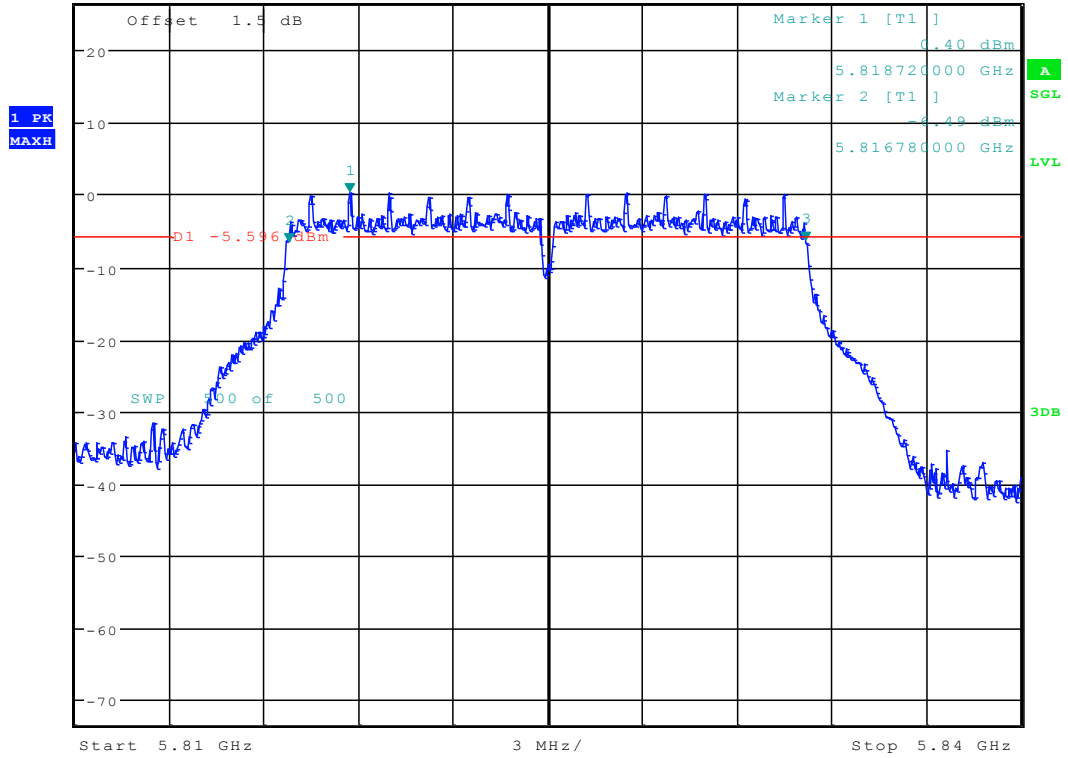


Date: 11.SEP.2017 12:08:24

### 4.4 11A20\_165 ANT 2

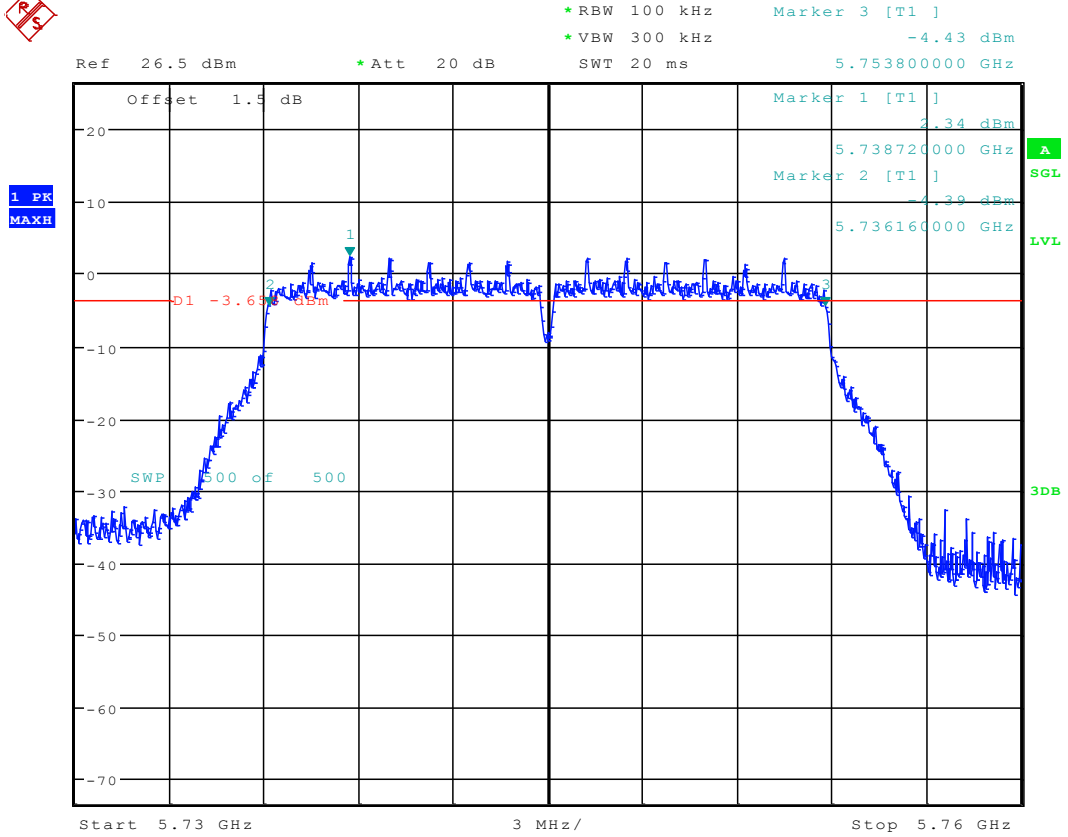


\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -6.33 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833180000 GHz



Date: 12.SEP.2017 14:51:55

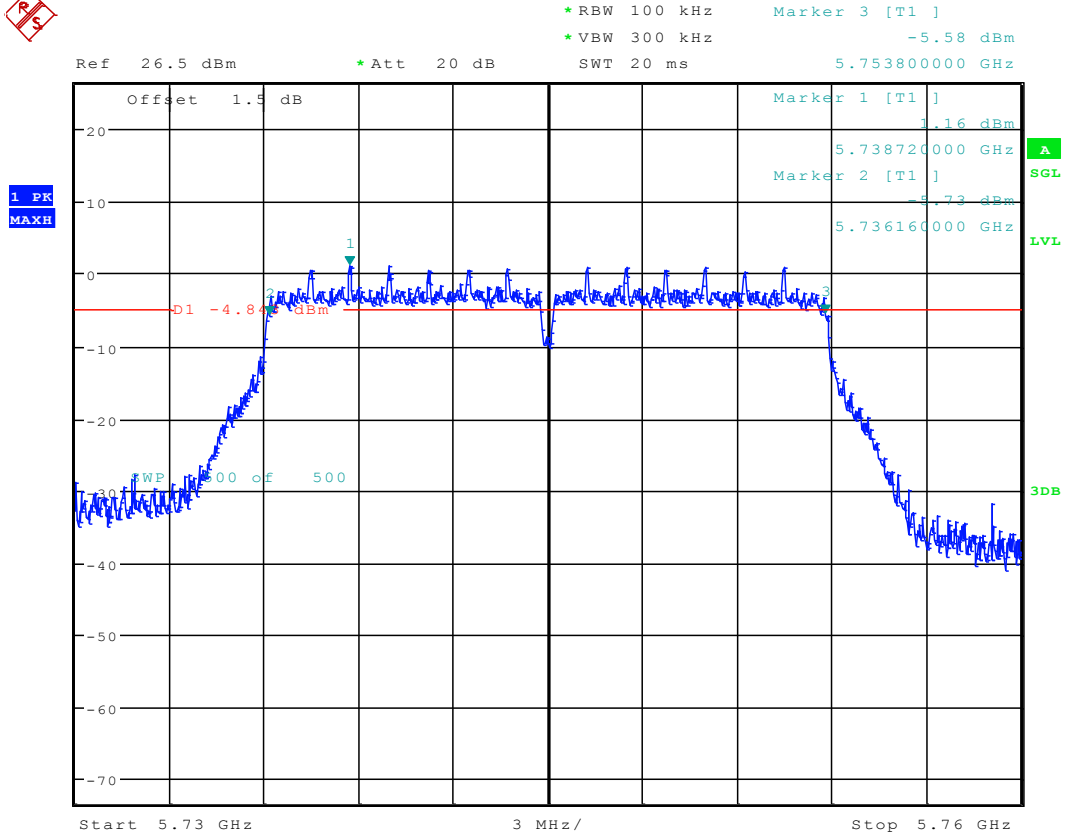
### 4.5 11N20\_149 ANT 1



Date: 11.SEP.2017 15:55:30

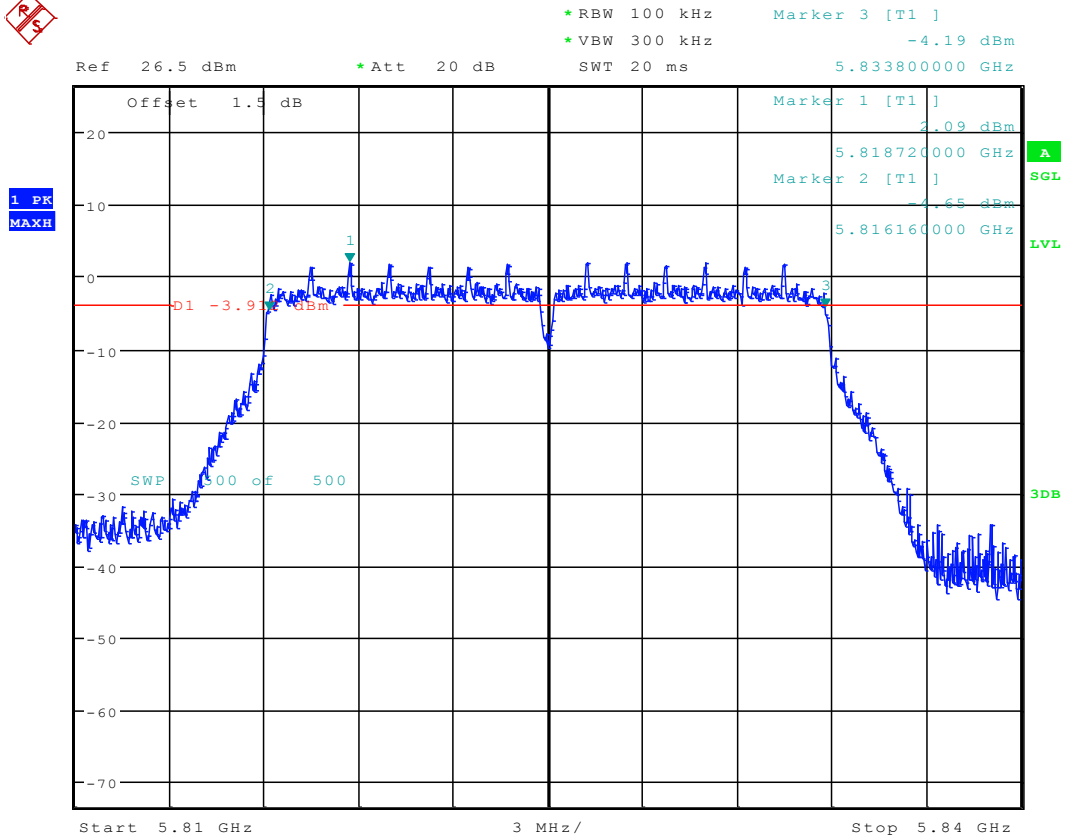


### 4.6 11N20\_149 ANT 2



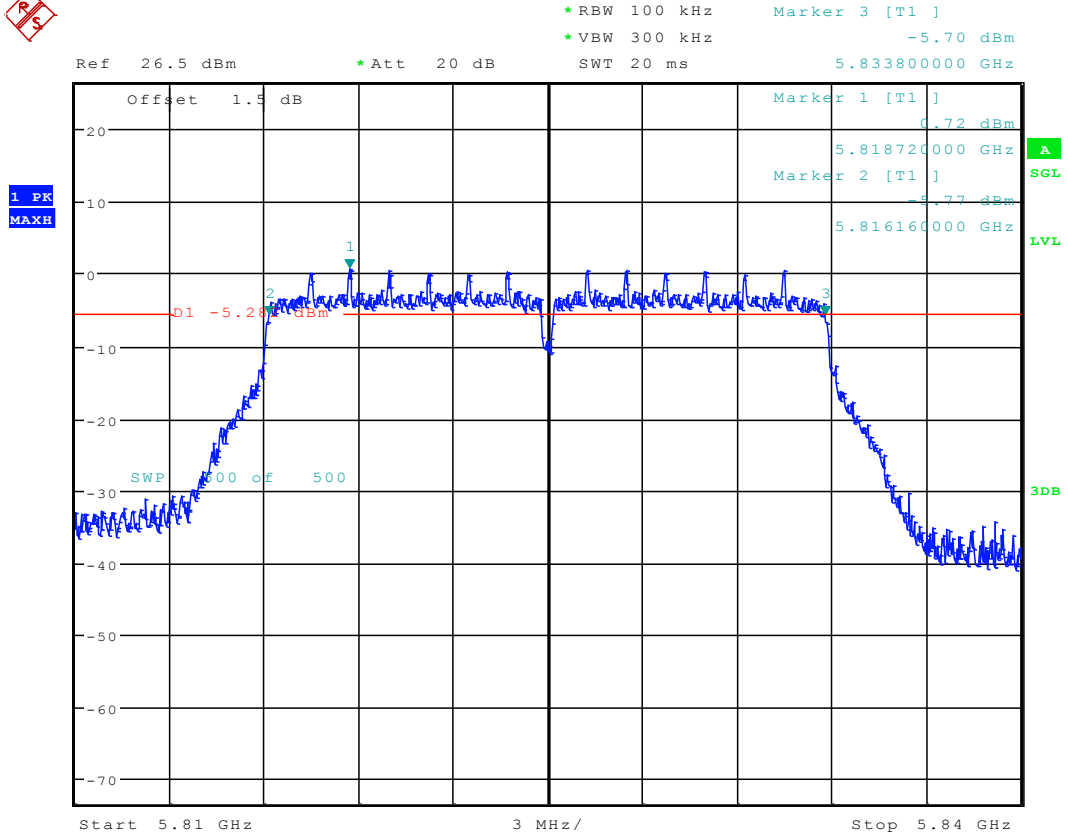
Date: 12.SEP.2017 15:35:49

## 4.7 11N20\_165 ANT 1



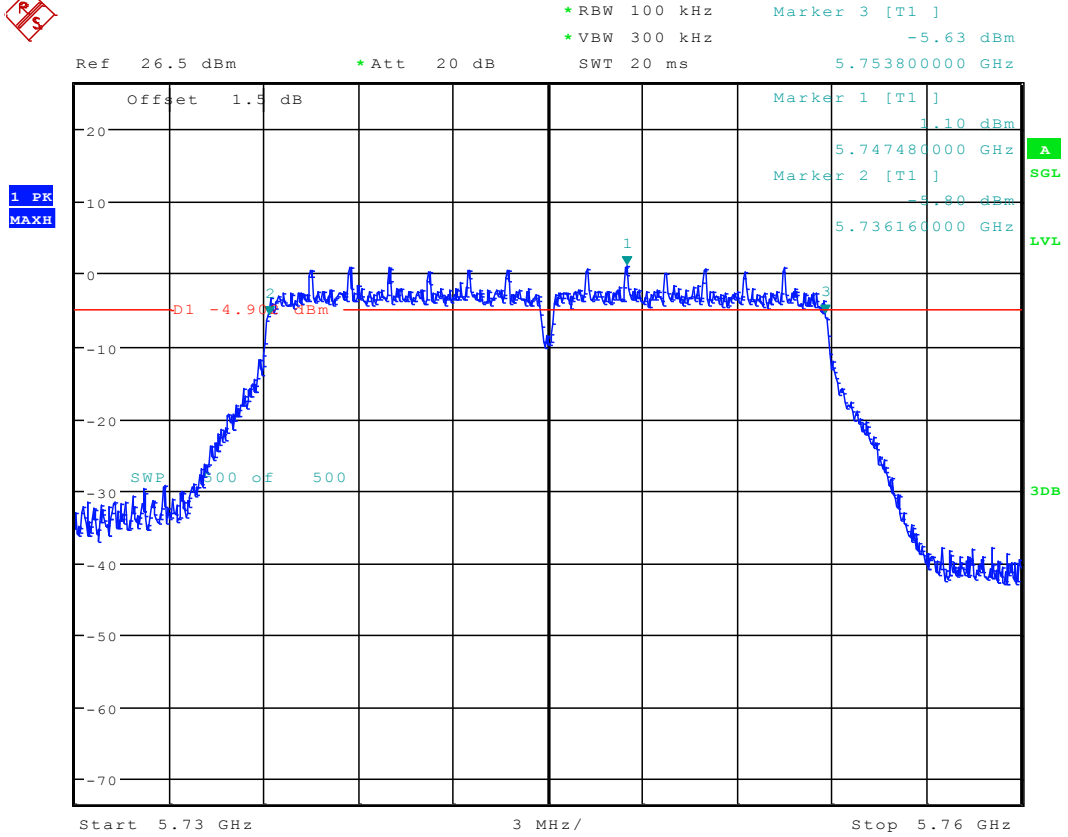
Date: 11.SEP.2017 16:02:26

### 4.8 11N20\_165 ANT 2



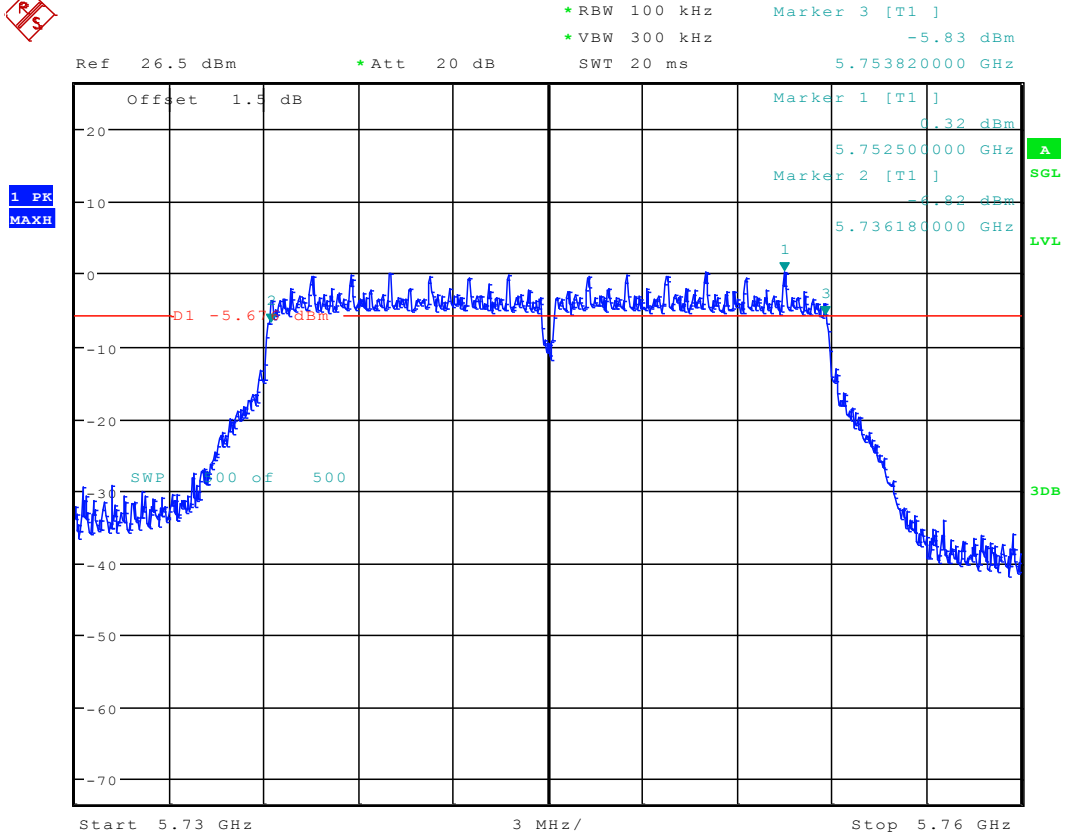
Date: 12.SEP.2017 15:41:14

### 4.9 11N20MIMO\_149 ANT 1



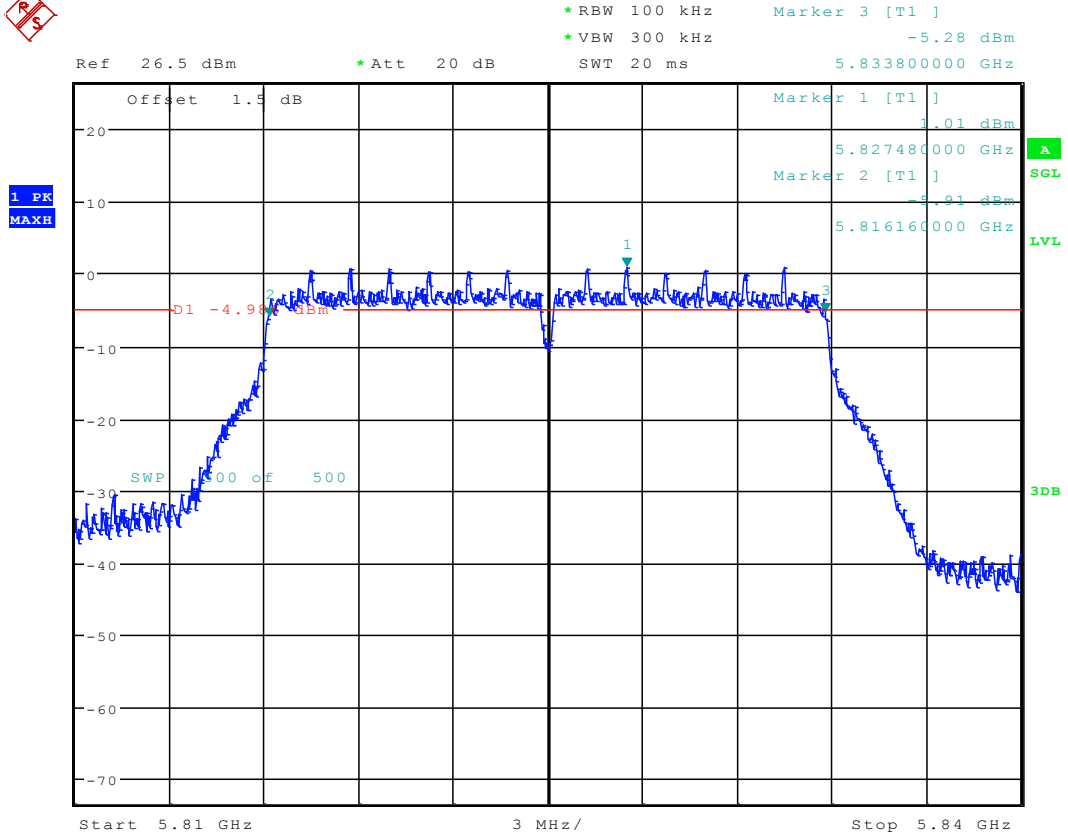
Date: 12.SEP.2017 18:07:29

### 4.10 11N20MIMO\_149 ANT 2



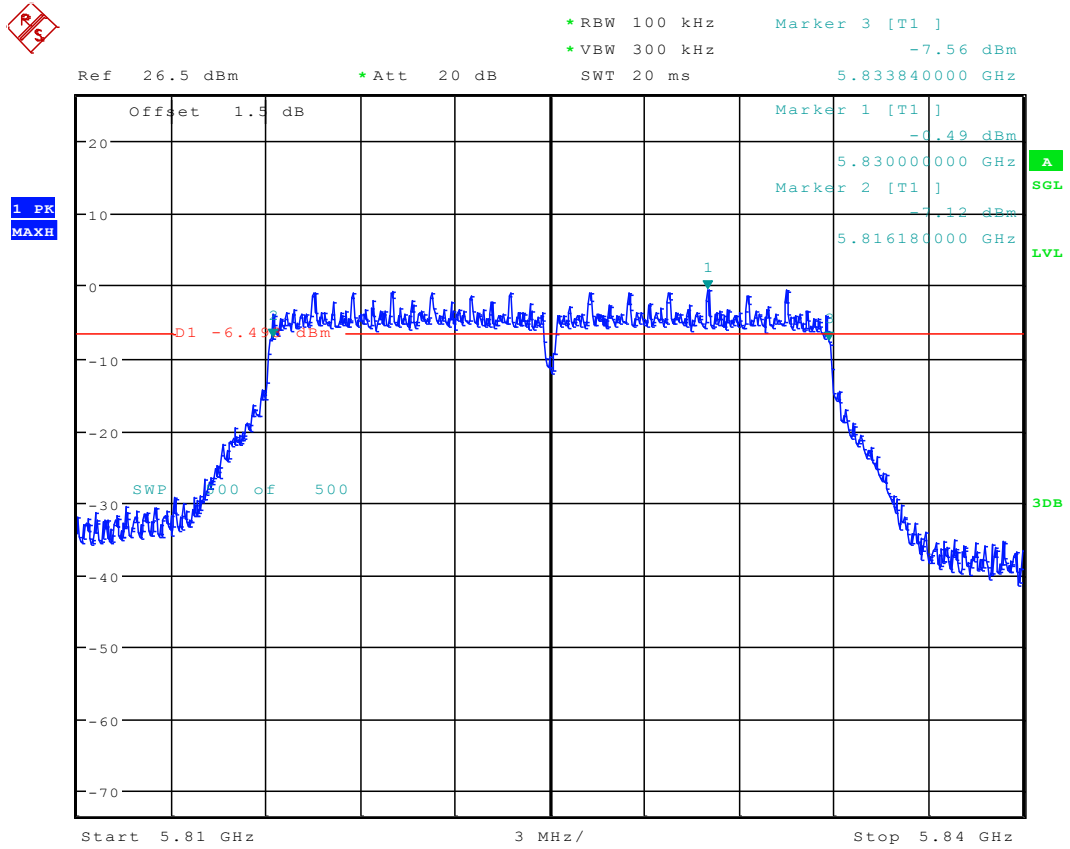
Date: 15.SEP.2017 14:24:34

### 4.11 11N20MIMO\_165 ANT 1



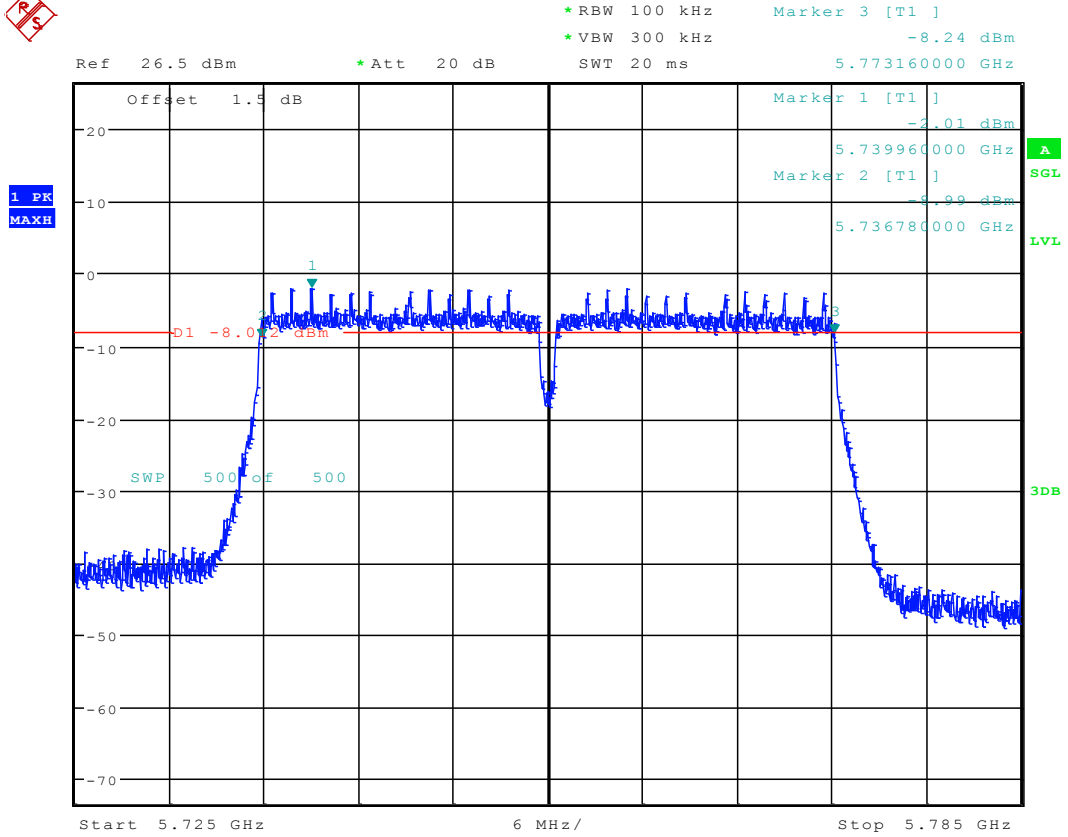
Date: 12.SEP.2017 18:10:39

## 4.12 11N20MIMO\_165 ANT 2



Date: 15.SEP.2017 14:27:49

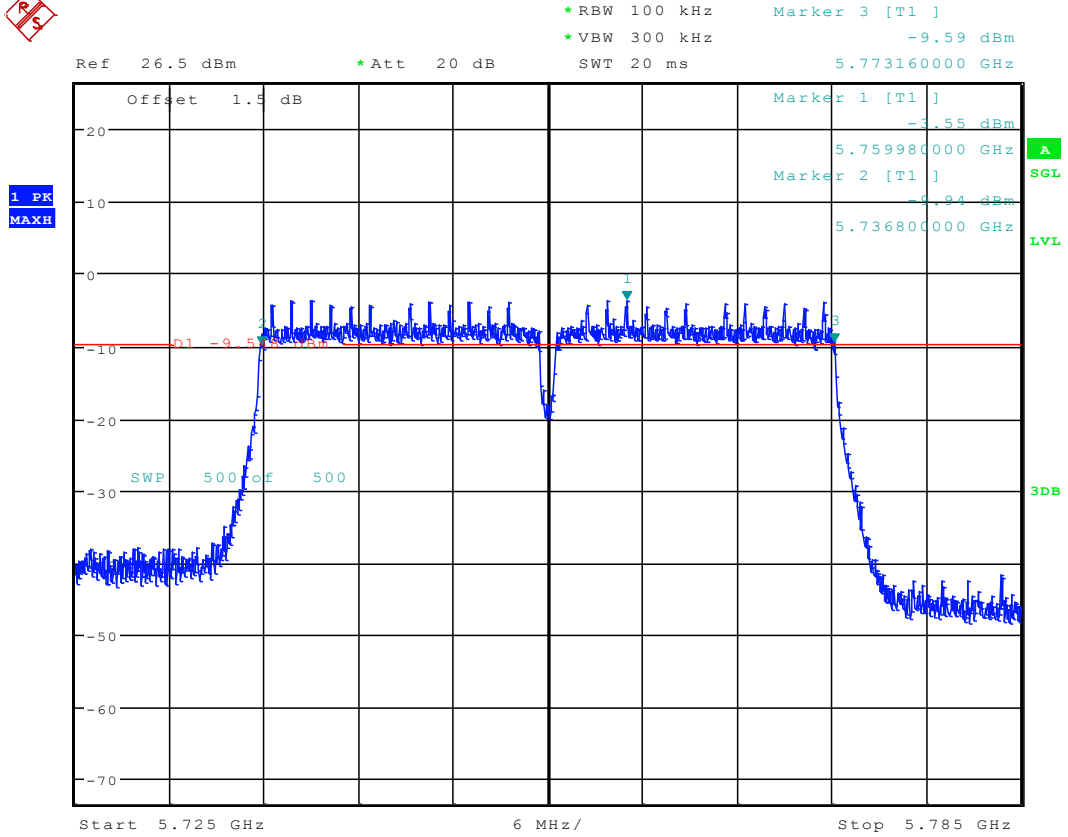
### 4.13 11N40\_151 ANT 1



Date: 11.SEP.2017 18:17:09

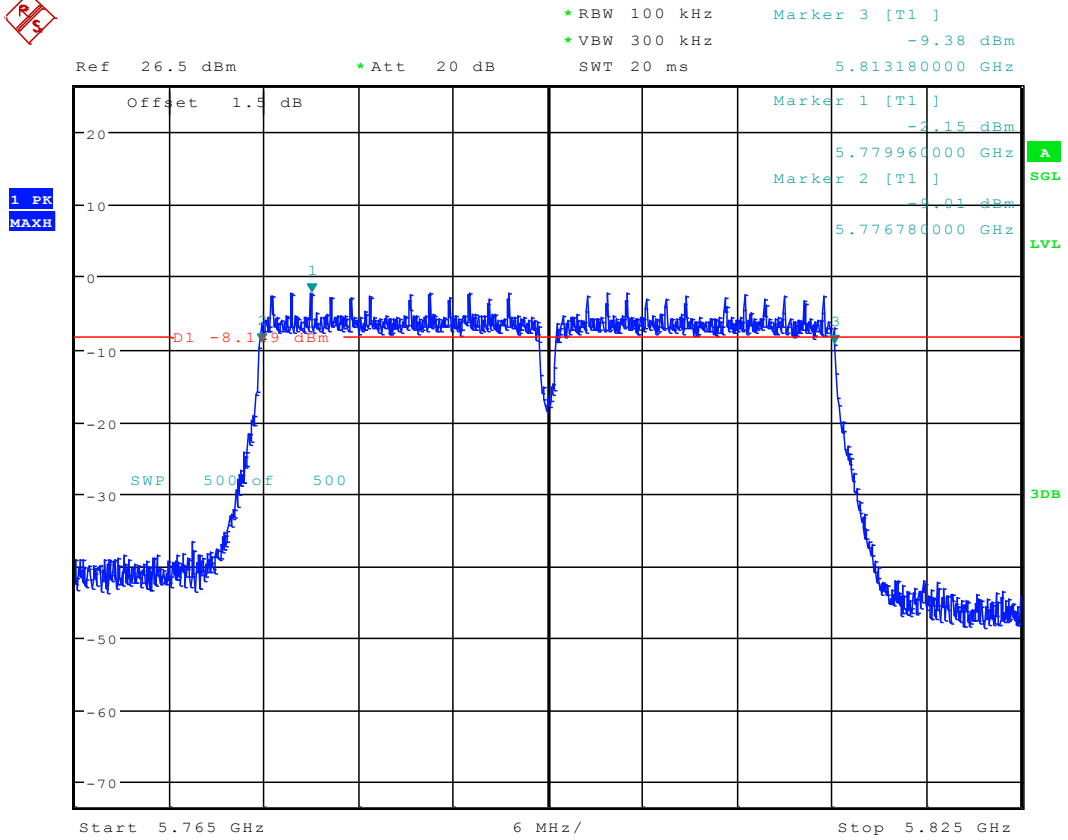


### 4.14 11N40\_151 ANT 2



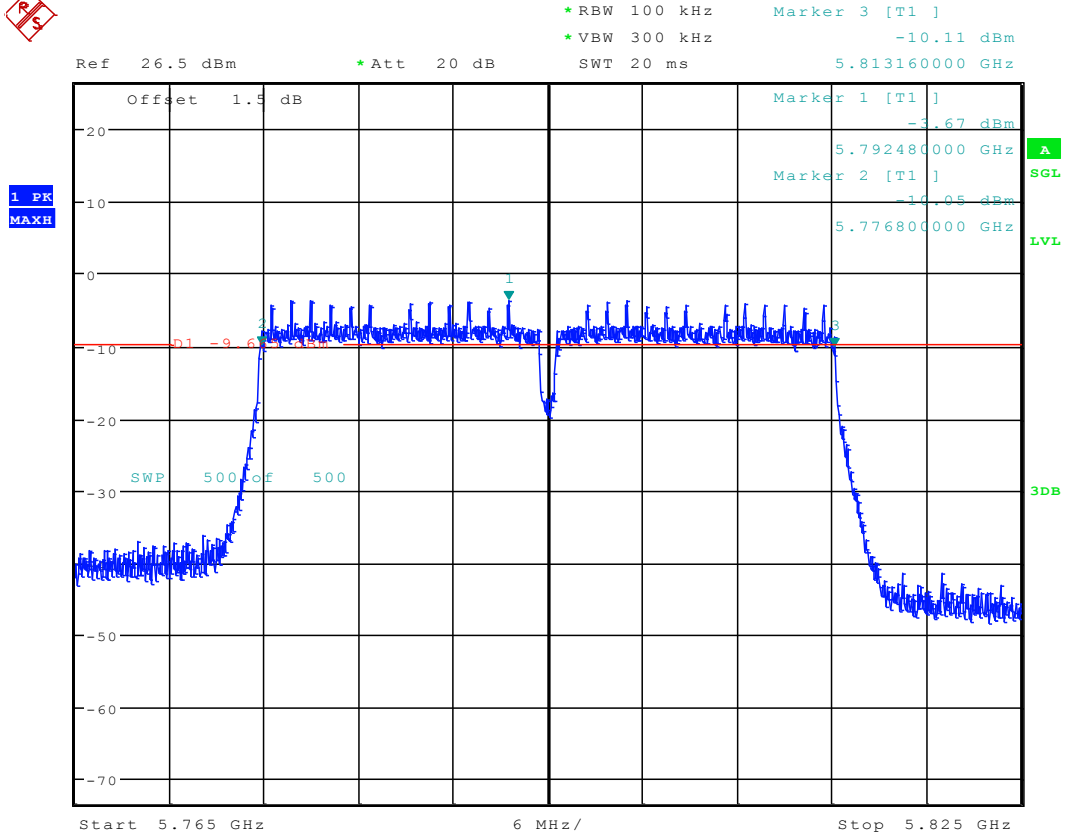
Date: 12.SEP.2017 17:05:41

## 4.15 11N40\_159 ANT 1



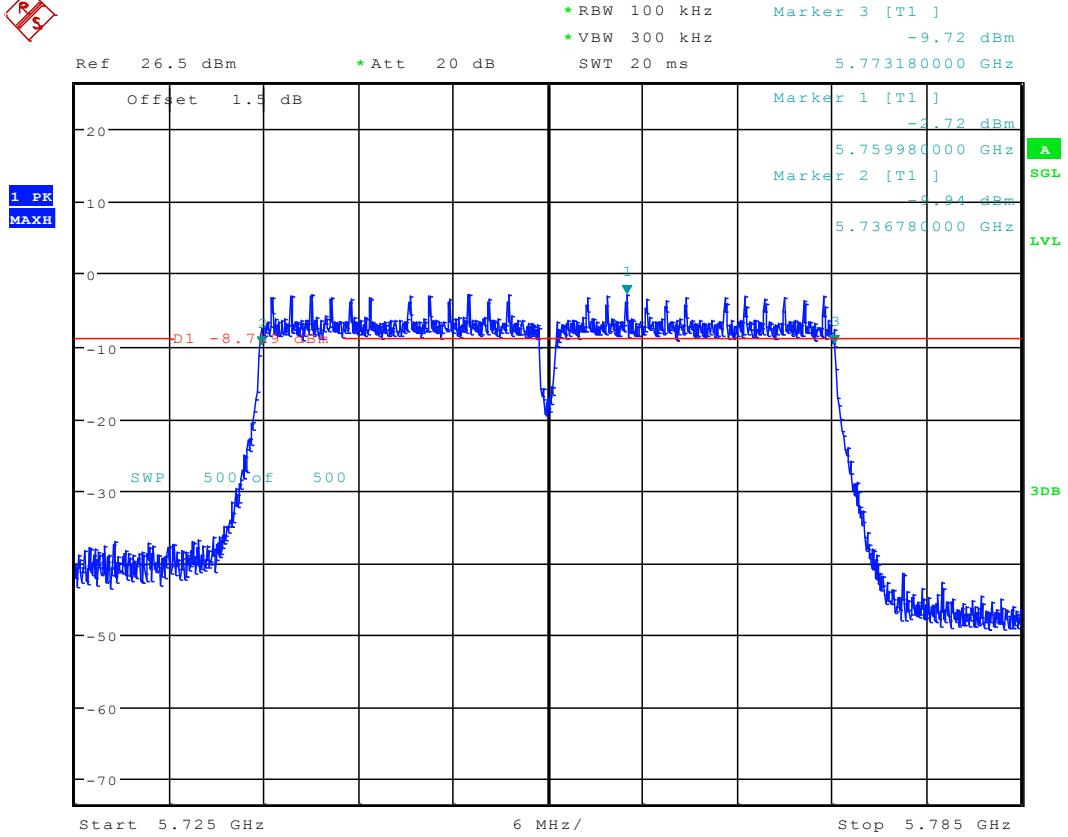
Date: 11.SEP.2017 18:22:54

## 4.16 11N40\_159 ANT 2



Date: 12.SEP.2017 17:09:46

## 4.17 11N40MIMO\_151 ANT 1

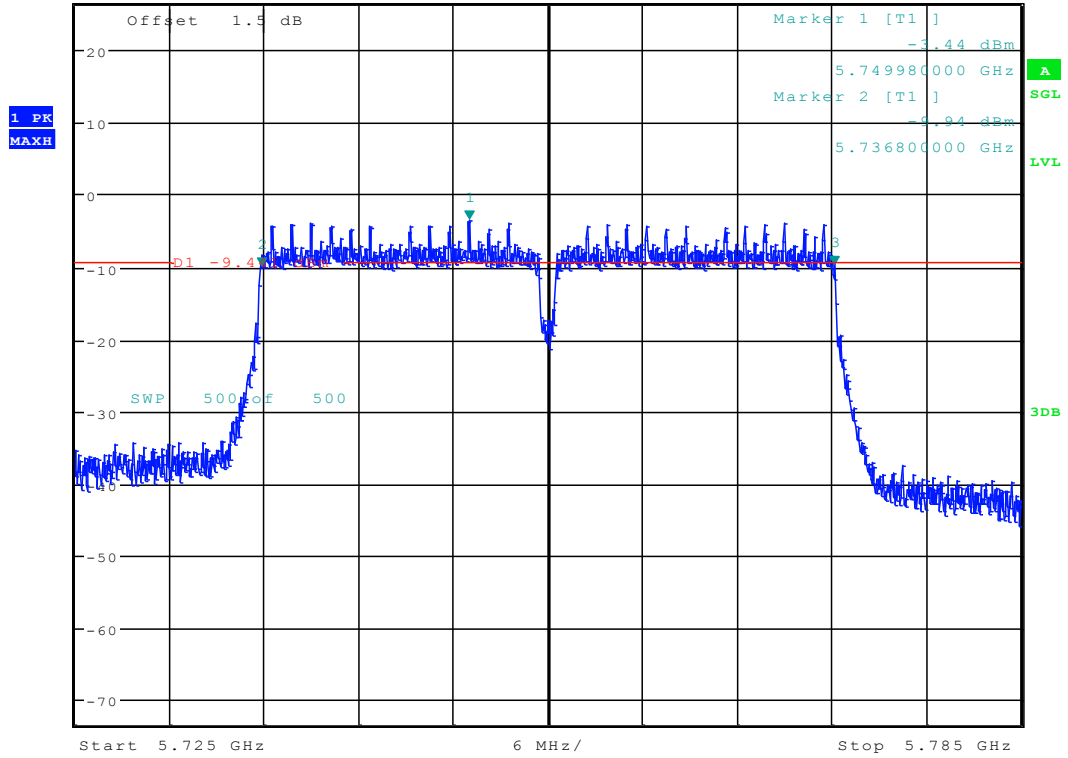


Date: 18.SEP.2017 15:41:42

### 4.18 11N40MIMO\_151 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -9.66 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.773160000 GHz

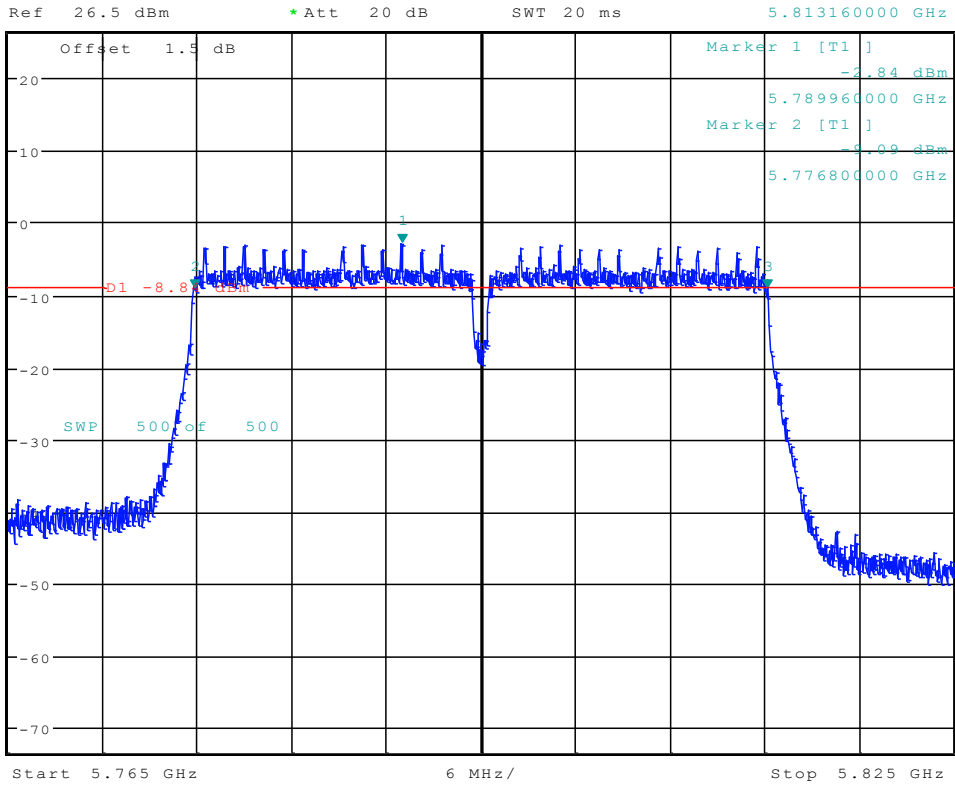


Date: 18.SEP.2017 15:49:48

### 4.19 11N40MIMO\_159 ANT 1

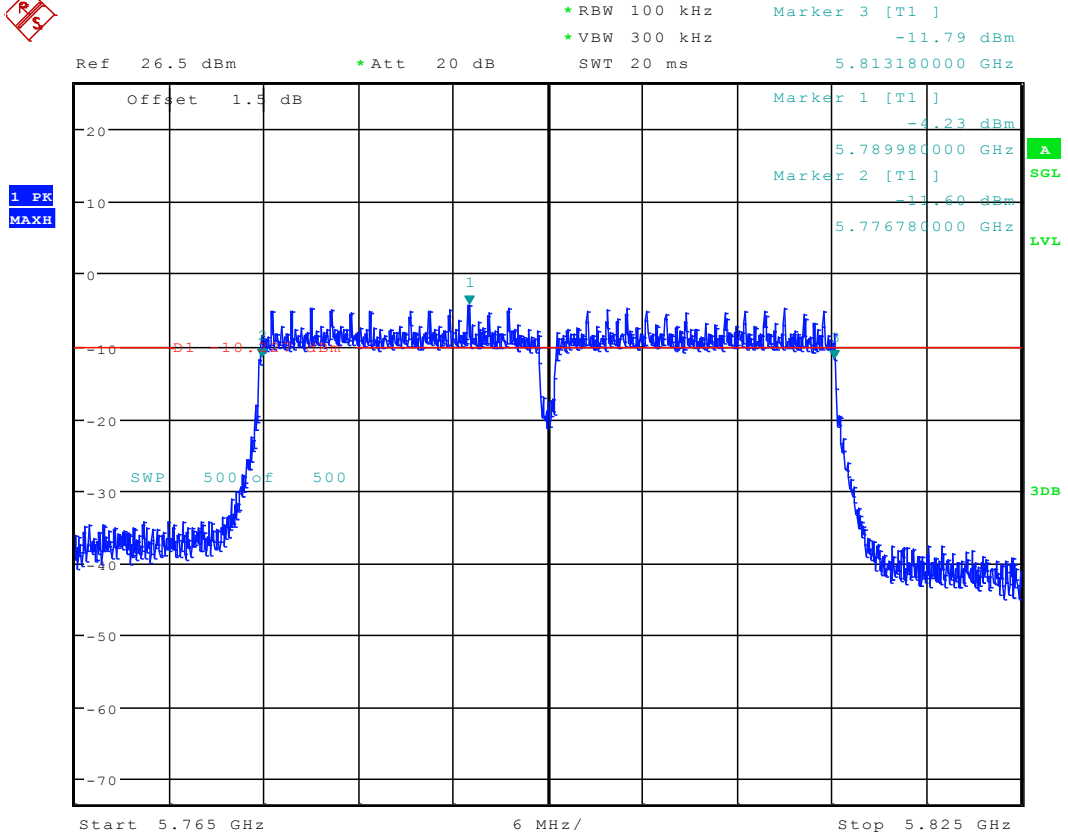


\*RBW 100 kHz      Marker 3 [T1 ]  
\*VBW 300 kHz      -9.16 dBm  
SWT 20 ms      5.813160000 GHz



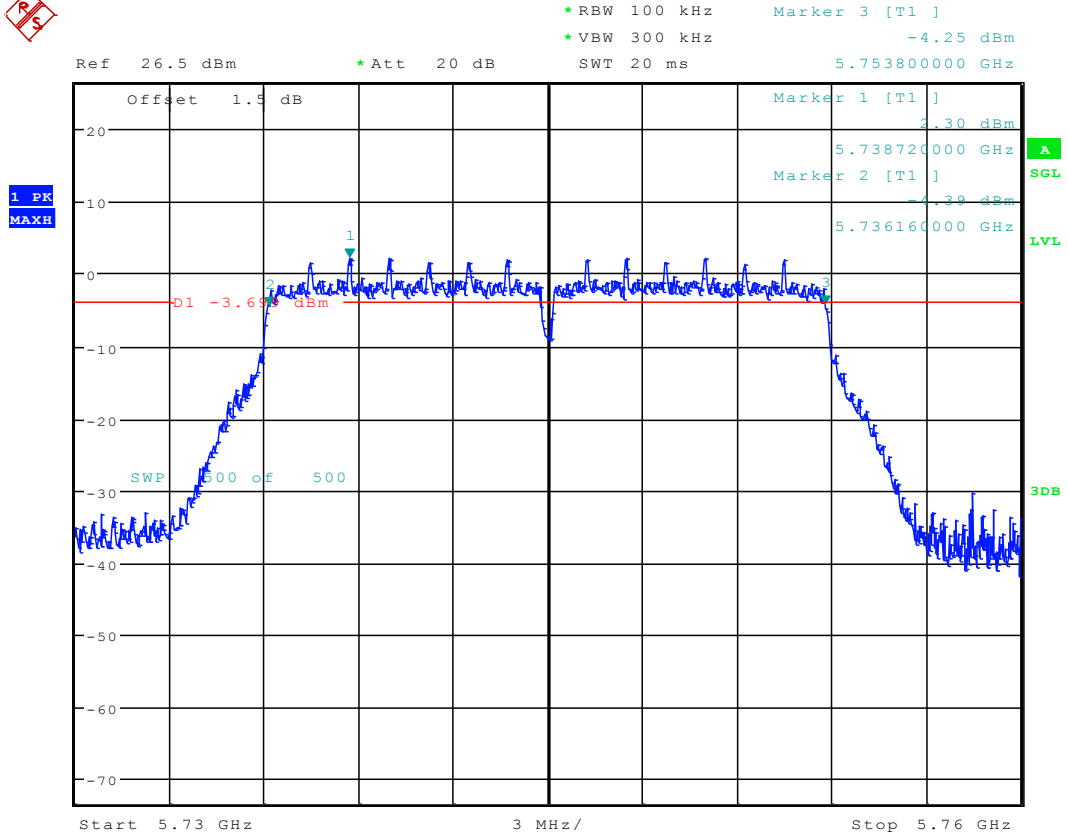
Date: 18.SEP.2017 15:45:36

### 4.20 11N40MIMO\_159 ANT 2



Date: 18.SEP.2017 15:53:39

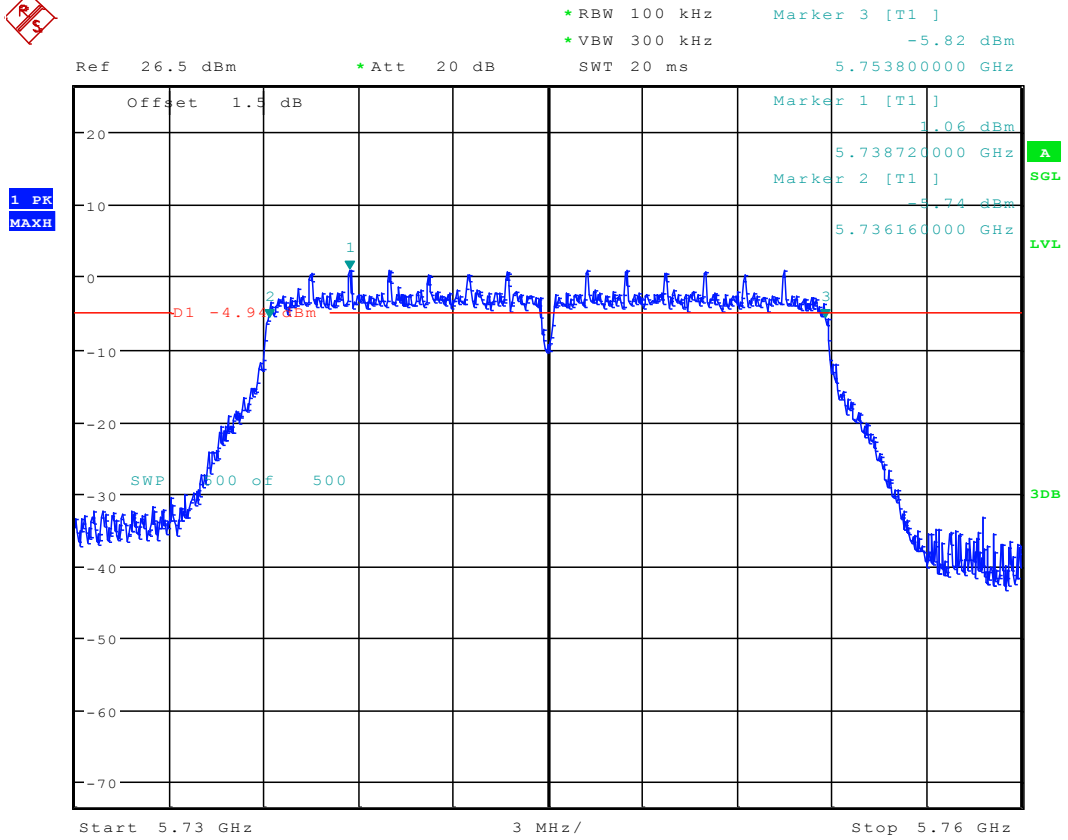
### 4.21 11AC20\_149 ANT 1



Date: 11.SEP.2017 17:42:55

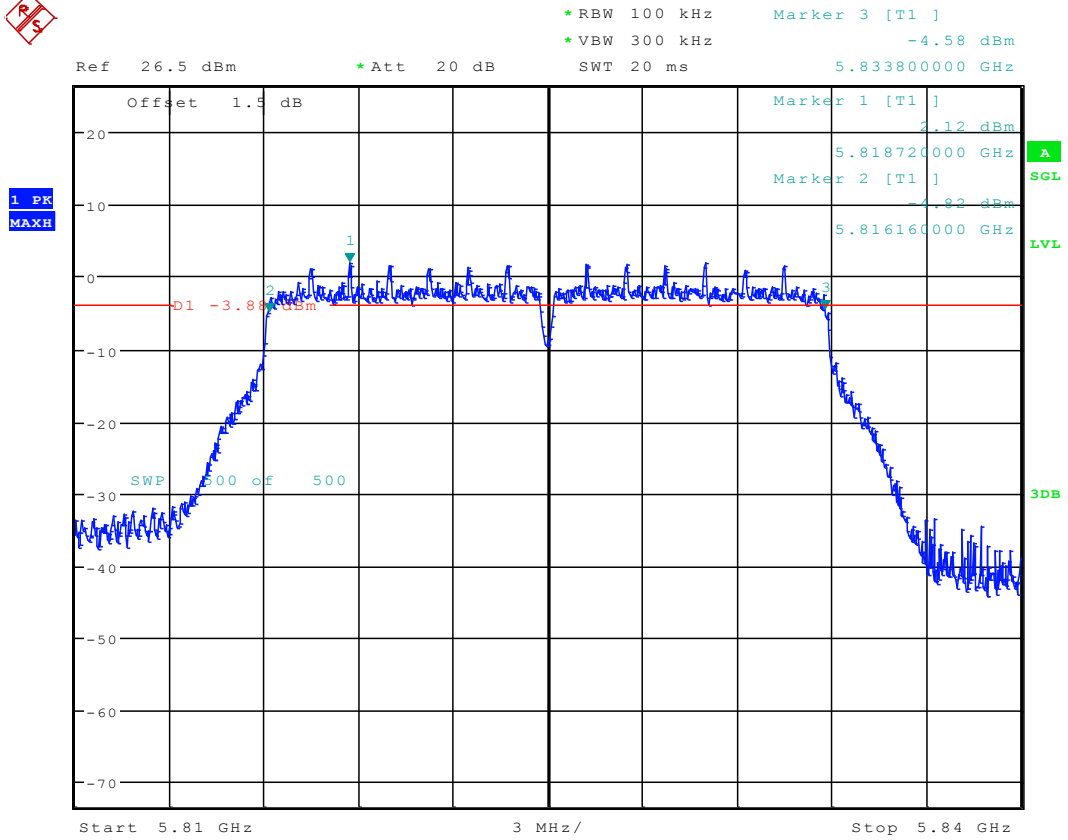


## 4.22 11AC20\_149 ANT 2



Date: 12.SEP.2017 16:19:14

## 4.23 11AC20\_165 ANT 1

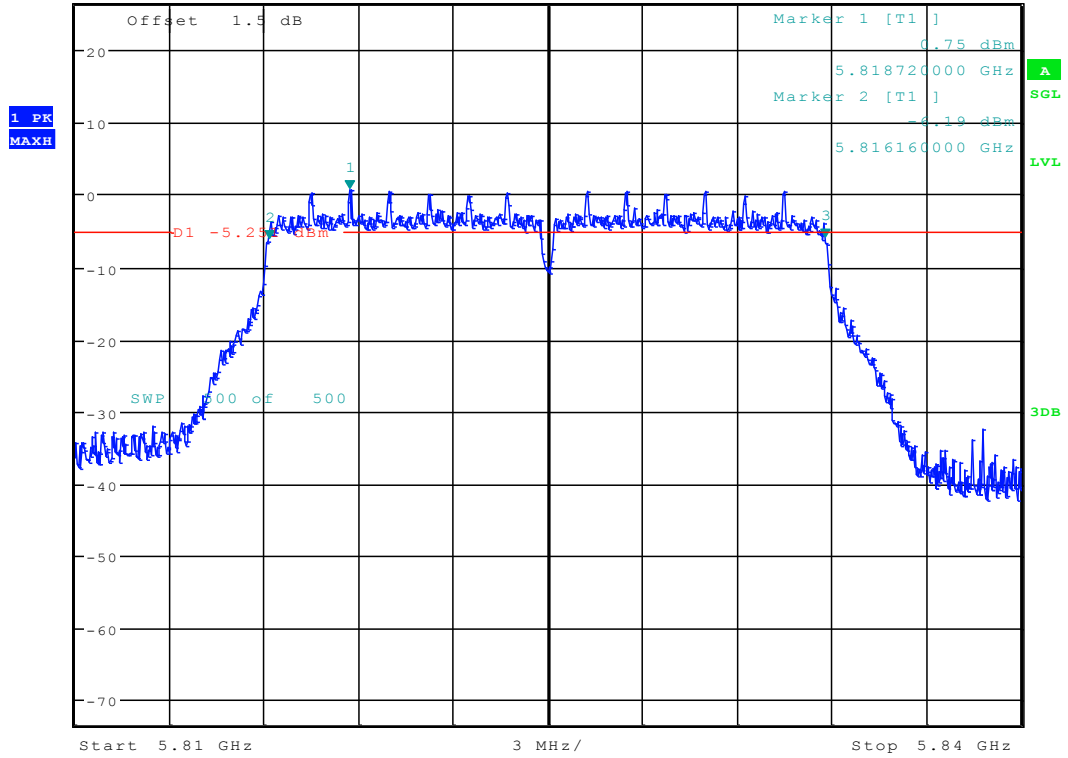


Date: 11.SEP.2017 17:46:28

### 4.24 11AC20\_165 ANT 2

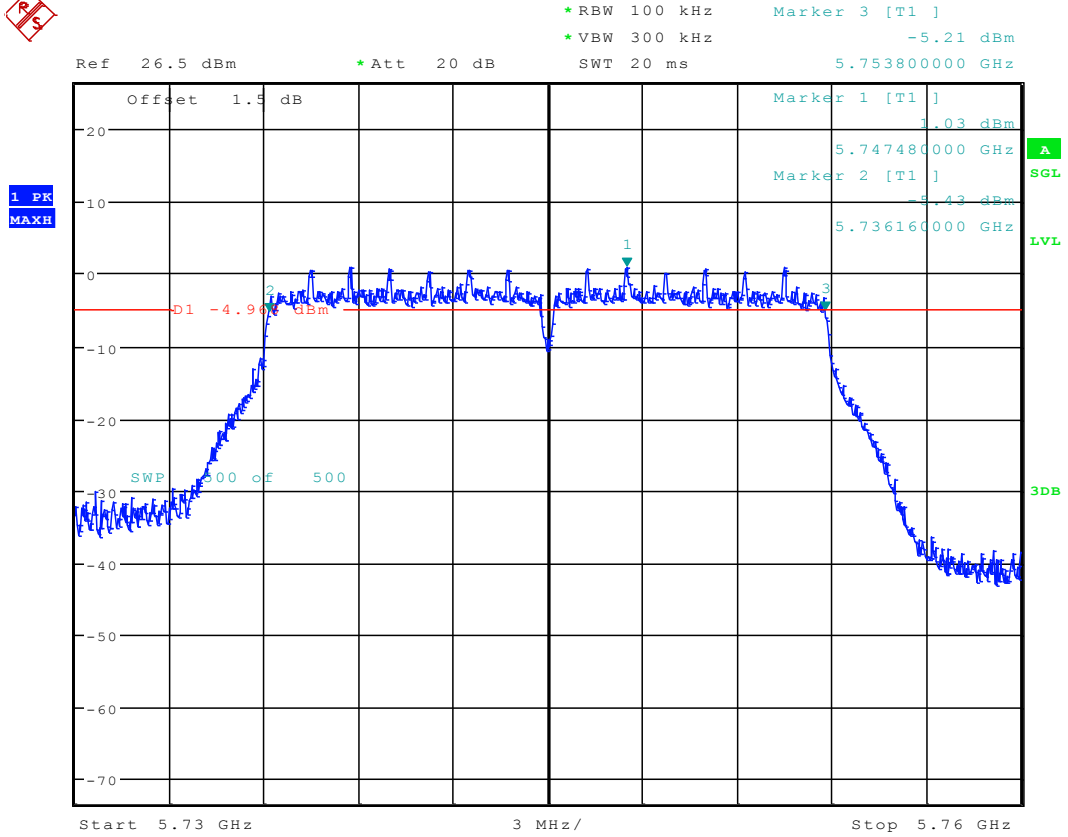


\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -5.90 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833800000 GHz



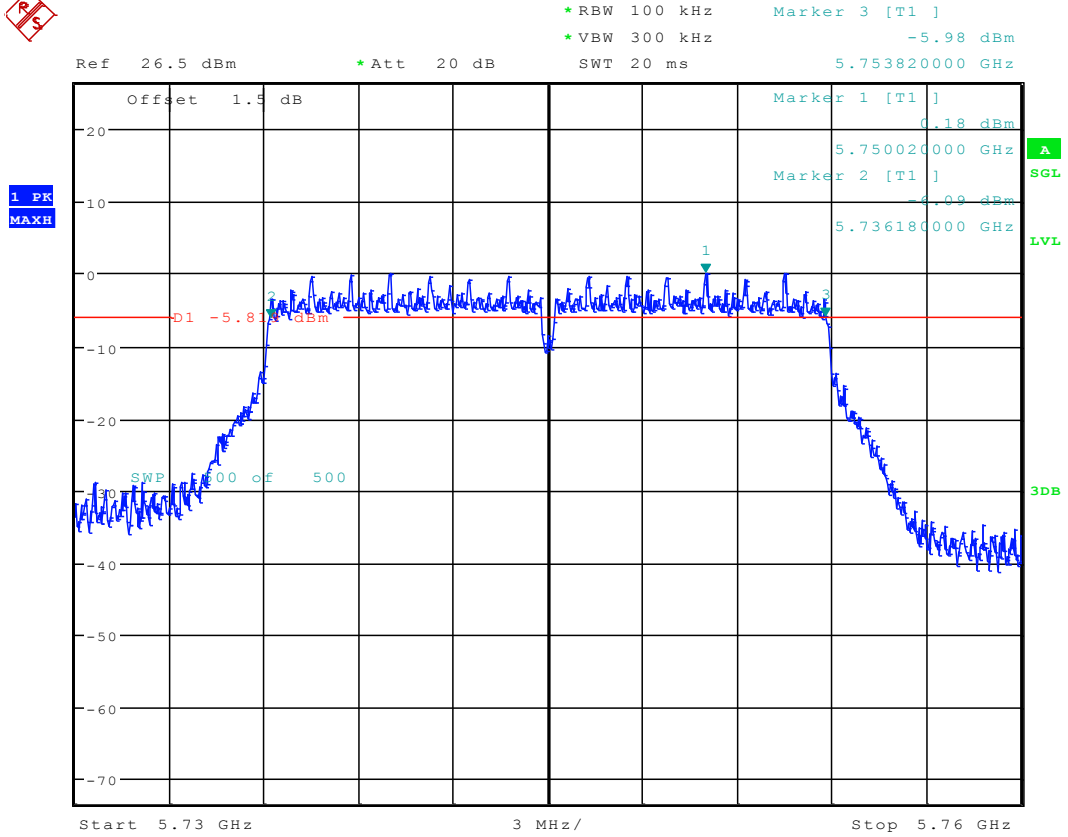
Date: 12.SEP.2017 16:25:43

### 4.25 11AC20MIMO\_149 ANT 1



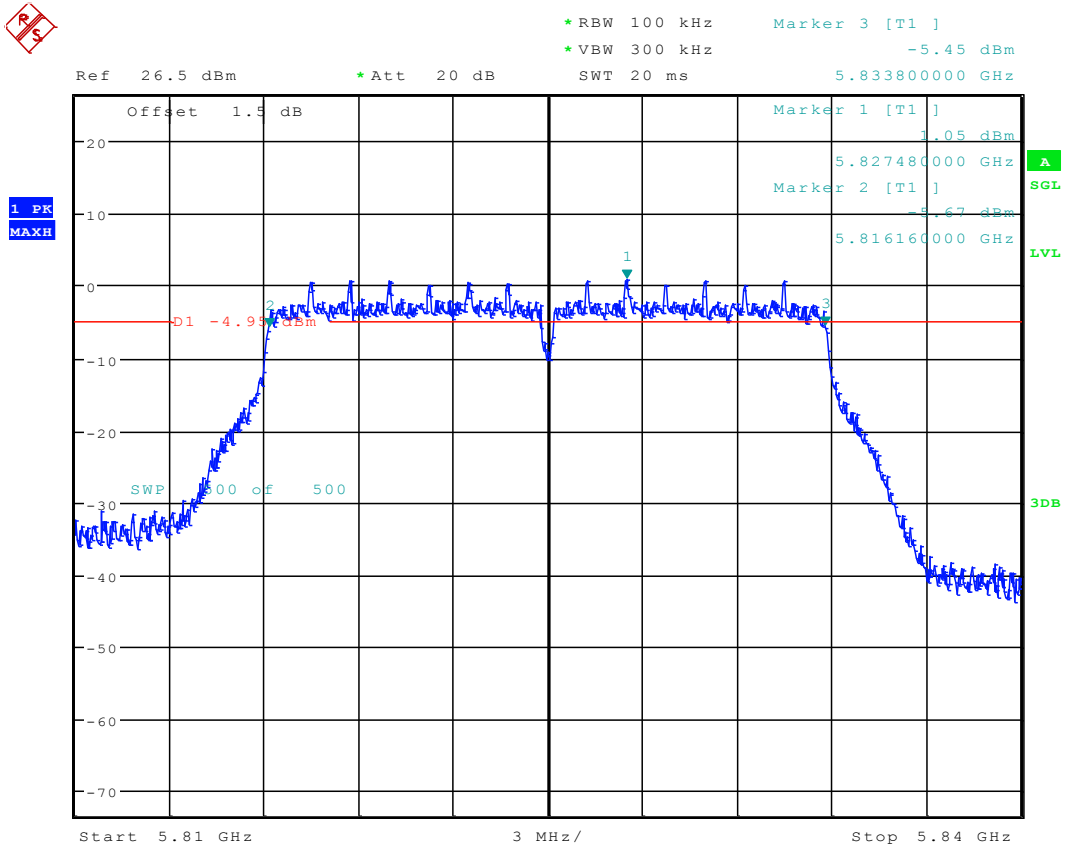
Date: 13.SEP.2017 17:02:55

### 4.26 11AC20MIMO\_149 ANT 2



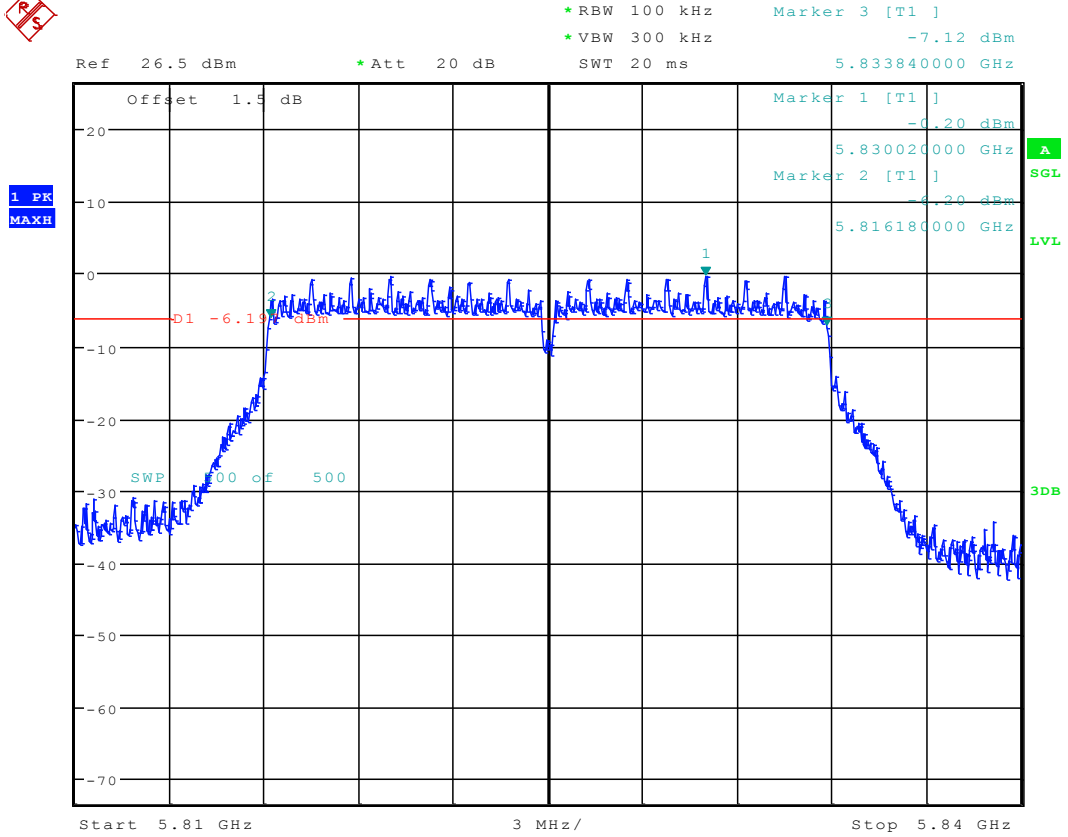
Date: 15.SEP.2017 14:53:10

### 4.27 11AC20MIMO\_165 ANT 1



Date: 13.SEP.2017 17:06:17

### 4.28 11AC20MIMO\_165 ANT 2

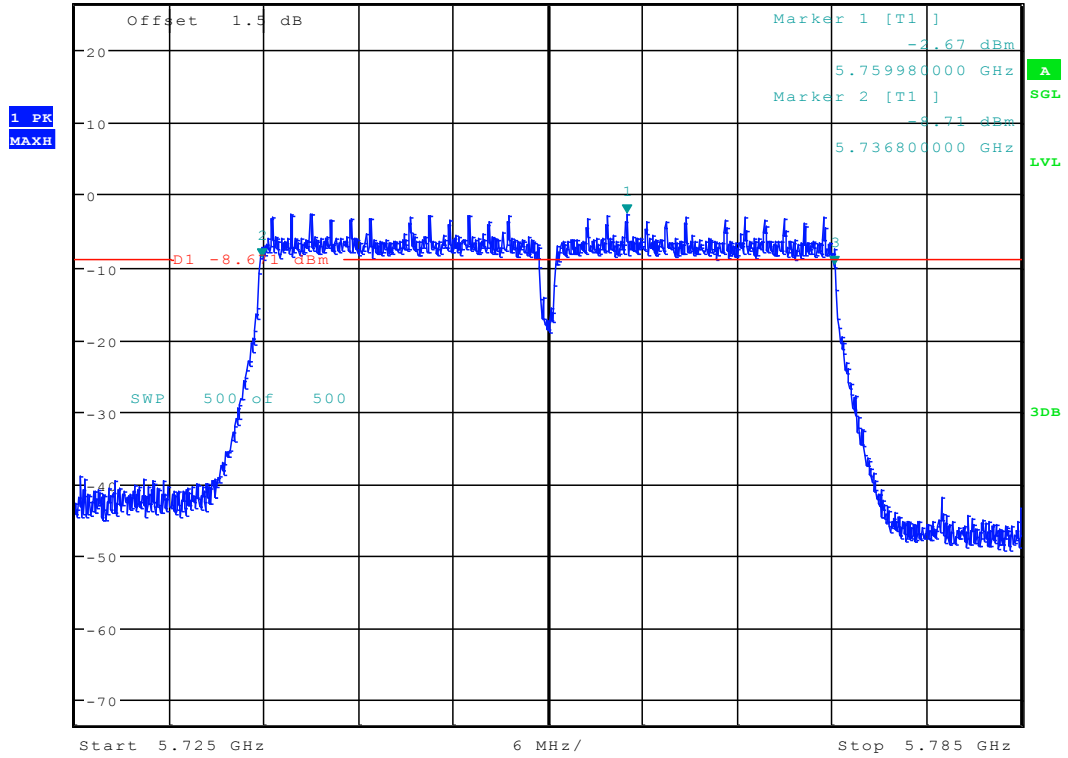


Date: 15.SEP.2017 14:56:24

### 4.29 11AC40\_151 ANT 1



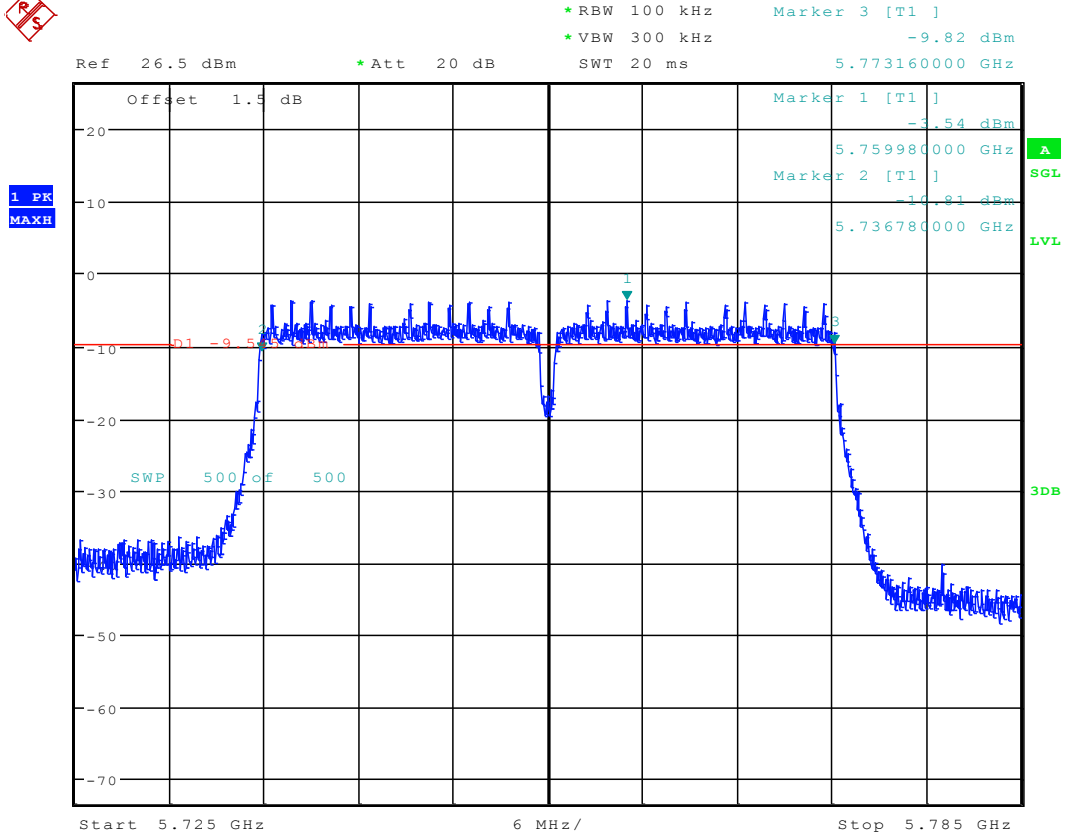
\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -9.82 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.773180000 GHz



Date: 12.SEP.2017 09:57:28

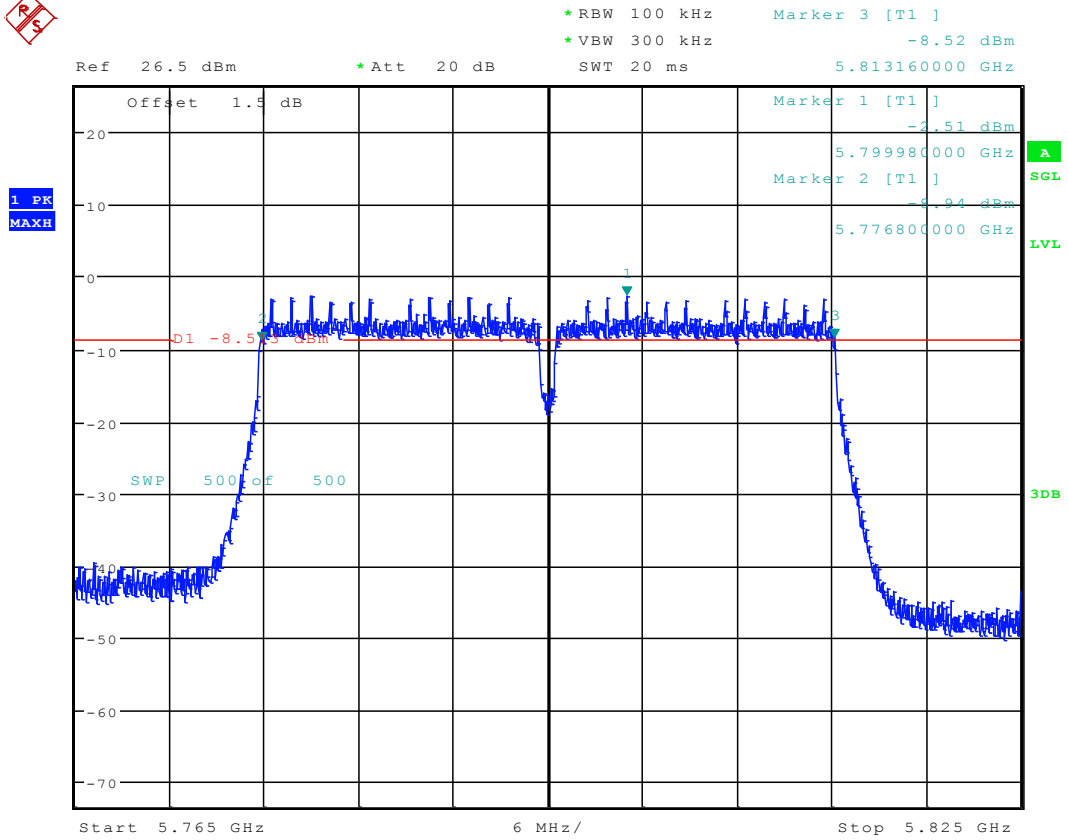


### 4.30 11AC40\_151 ANT 2



Date: 12.SEP.2017 17:34:15

### 4.31 11AC40\_159 ANT 1

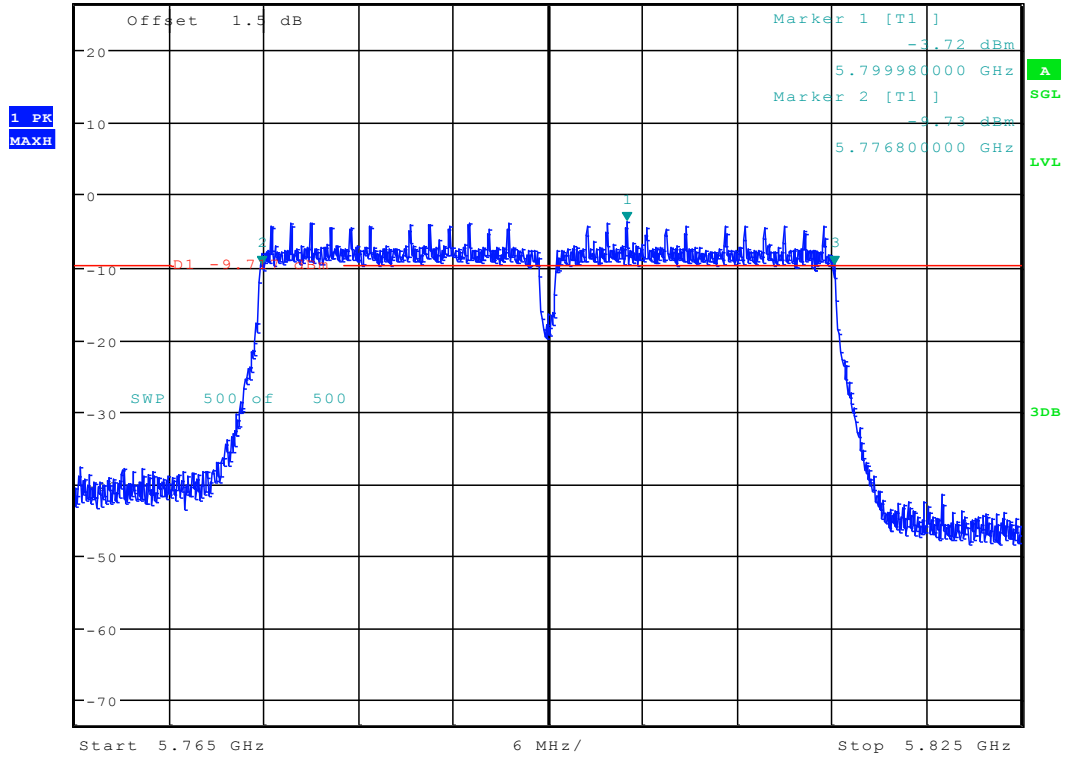


Date: 12.SEP.2017 10:18:32

### 4.32 11AC40\_159 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -9.78 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813160000 GHz

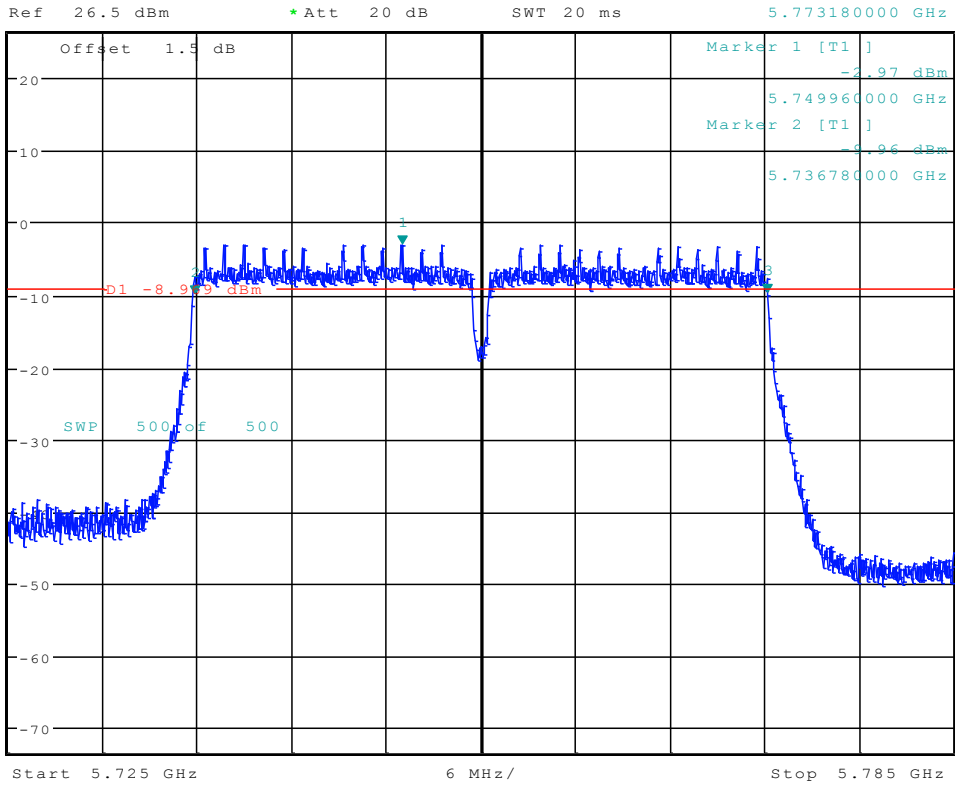


Date: 12.SEP.2017 17:37:50

## 4.33 11AC40MIMO\_151 ANT 1

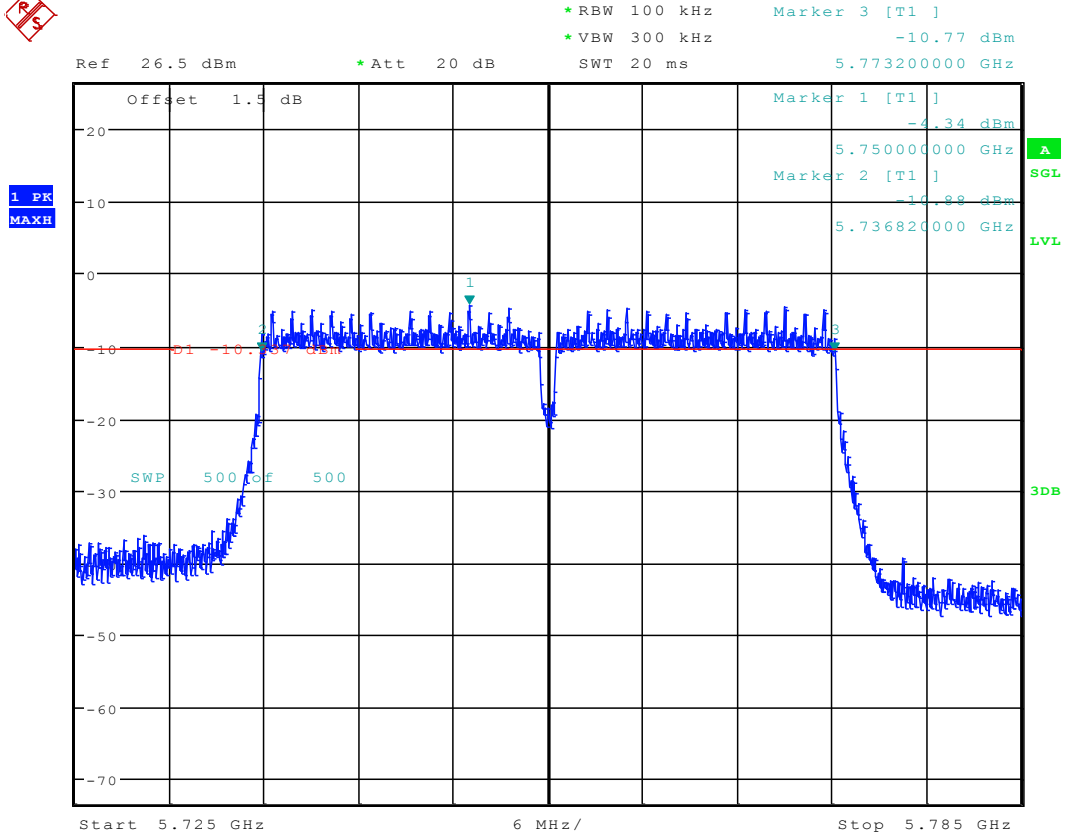


\*RBW 100 kHz      Marker 3 [T1 ]  
\*VBW 300 kHz      -9.77 dBm  
SWT 20 ms      5.773180000 GHz



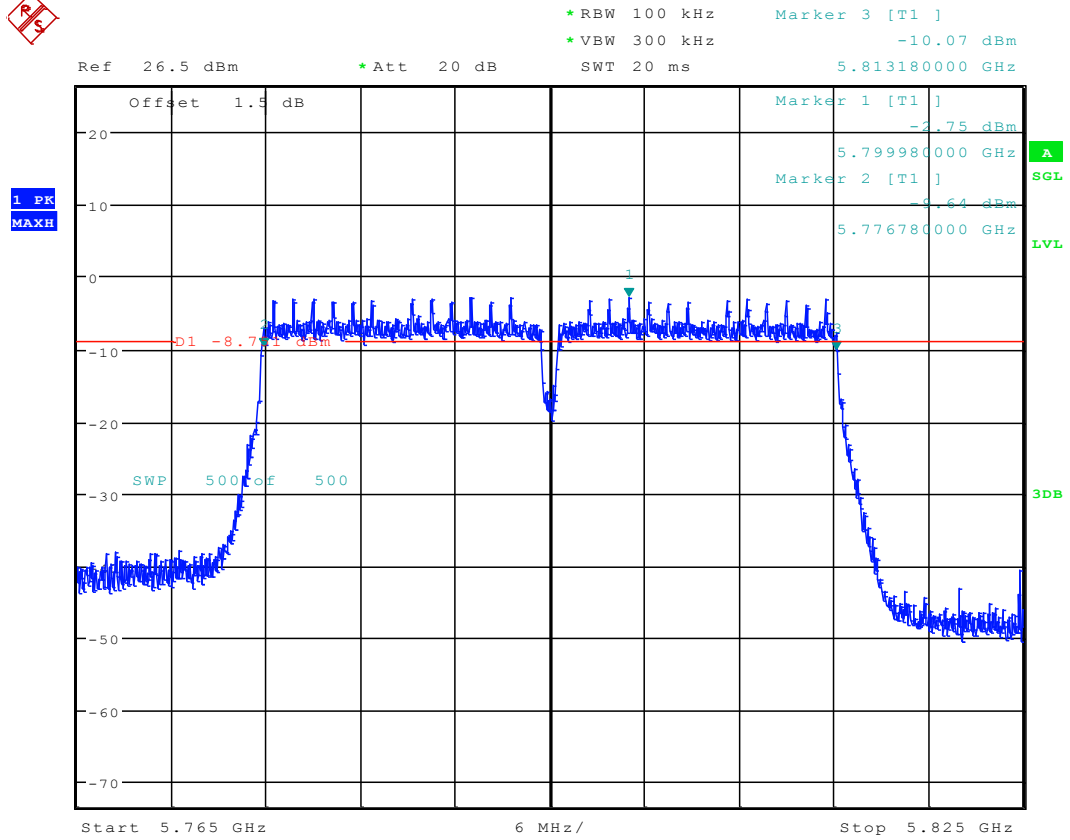
Date: 13.SEP.2017 17:30:59

## 4.34 11AC40MIMO\_151 ANT 2



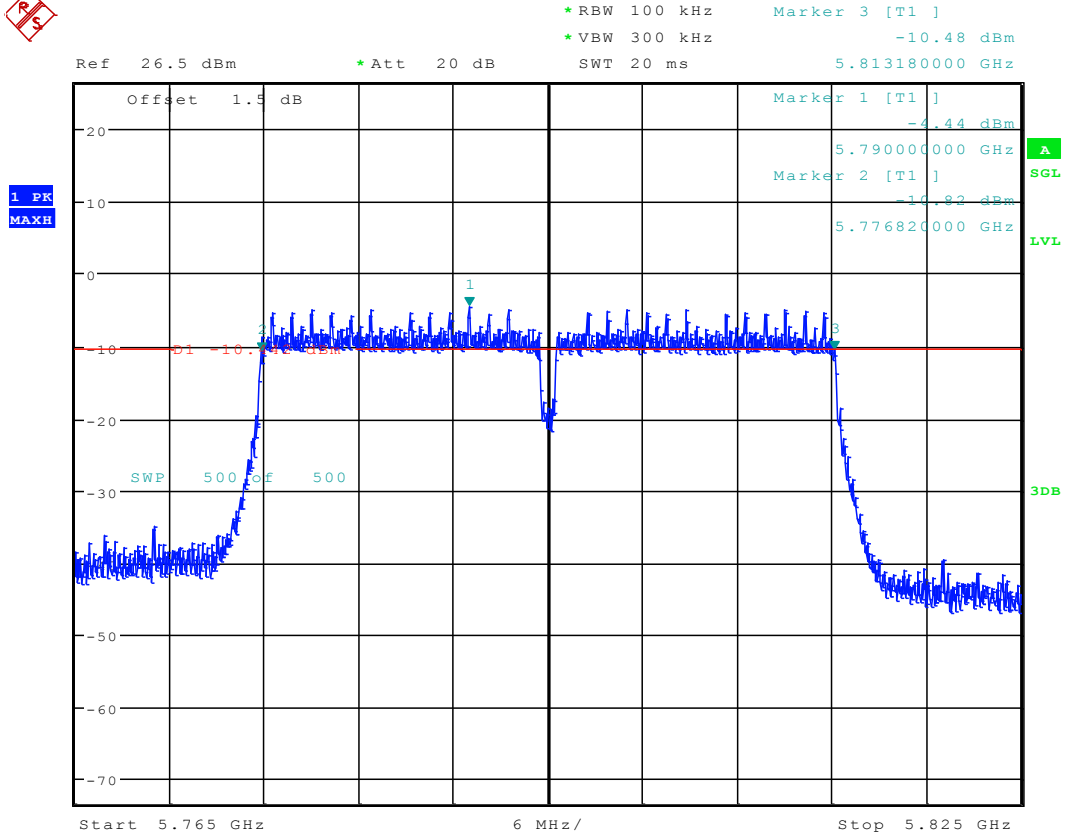
Date: 15.SEP.2017 17:01:09

## 4.35 11AC40MIMO\_159 ANT 1



Date: 13.SEP.2017 17:34:20

## 4.36 11AC40MIMO\_159 ANT 2

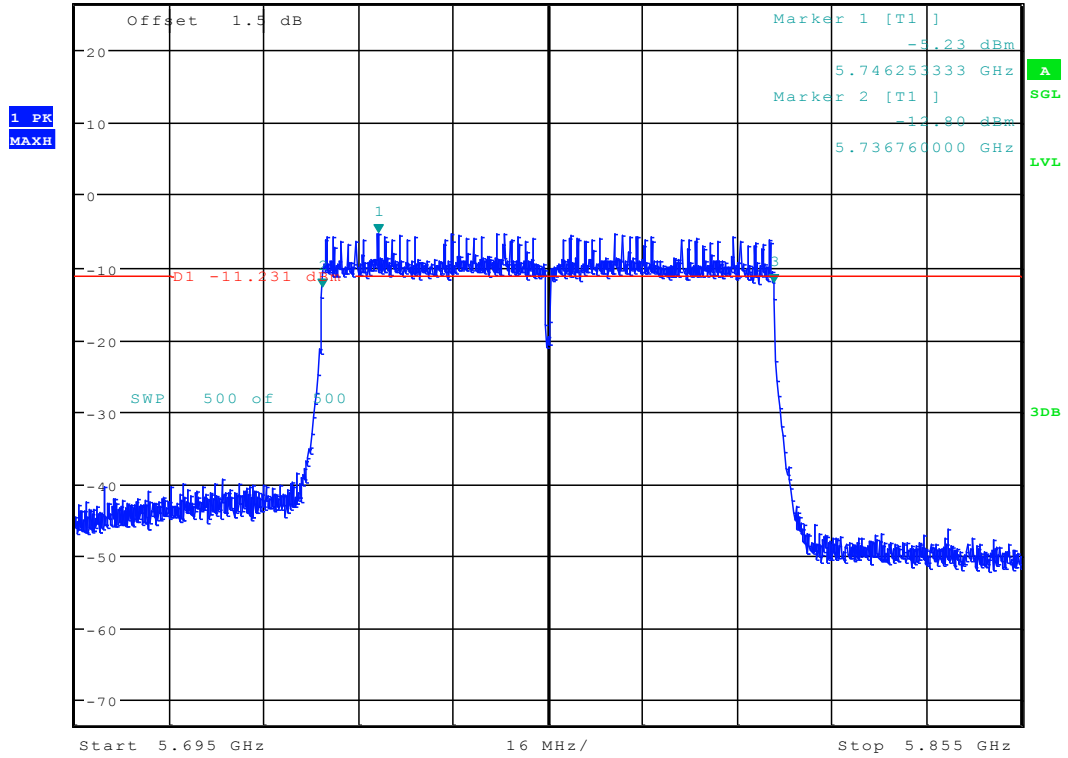


Date: 15.SEP.2017 17:04:19

### 4.37 11AC80\_155 ANT 1



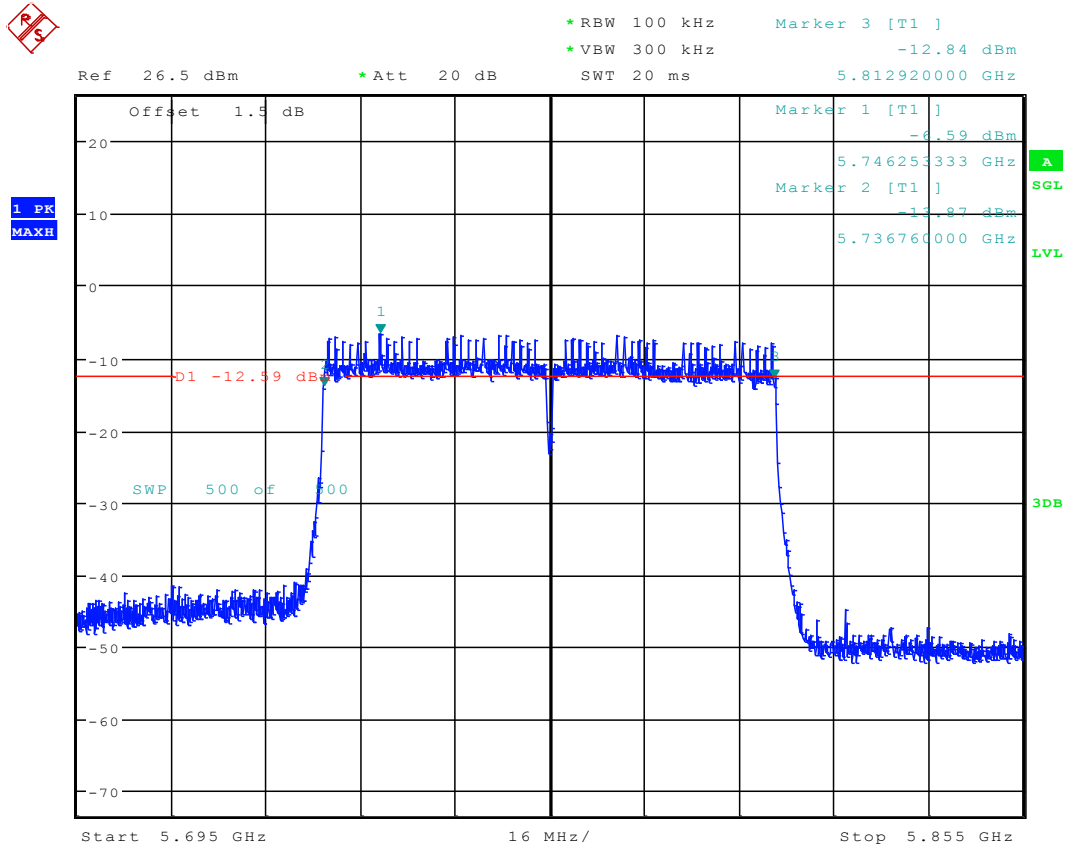
\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -12.16 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813186667 GHz



Date: 12.SEP.2017 10:49:33



## 4.38 11AC80\_155 ANT 2

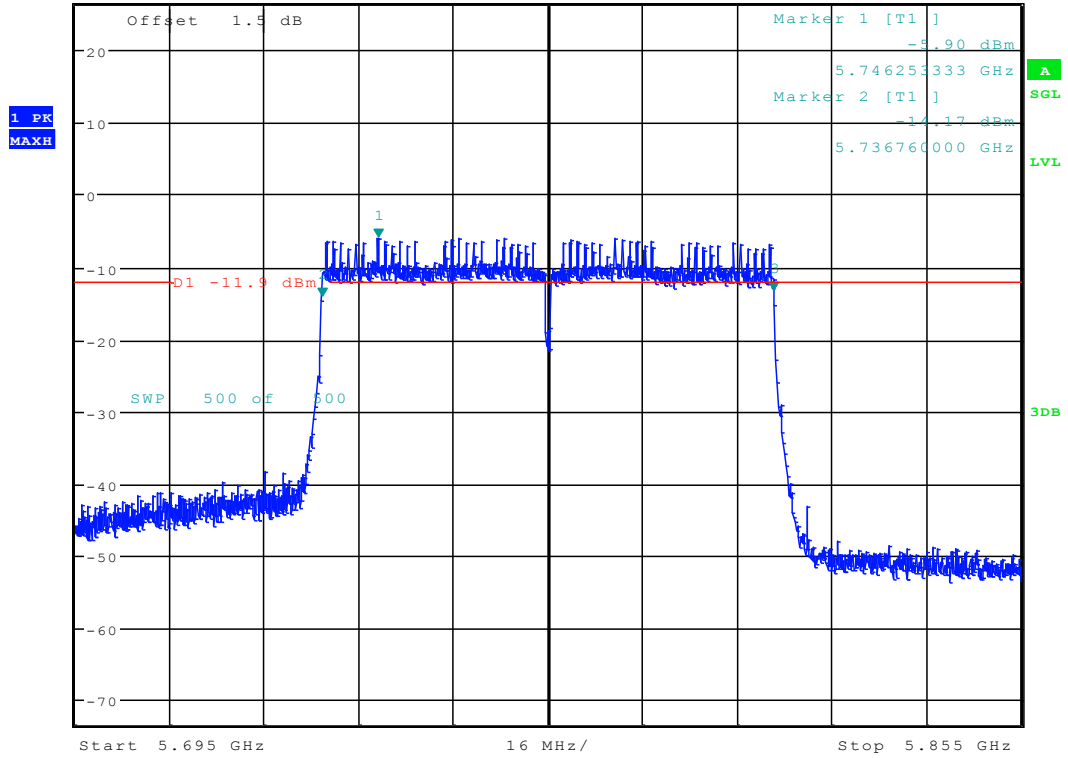


Date: 12.SEP.2017 14:06:40

### 4.39 11AC80MIMO\_155 ANT 1

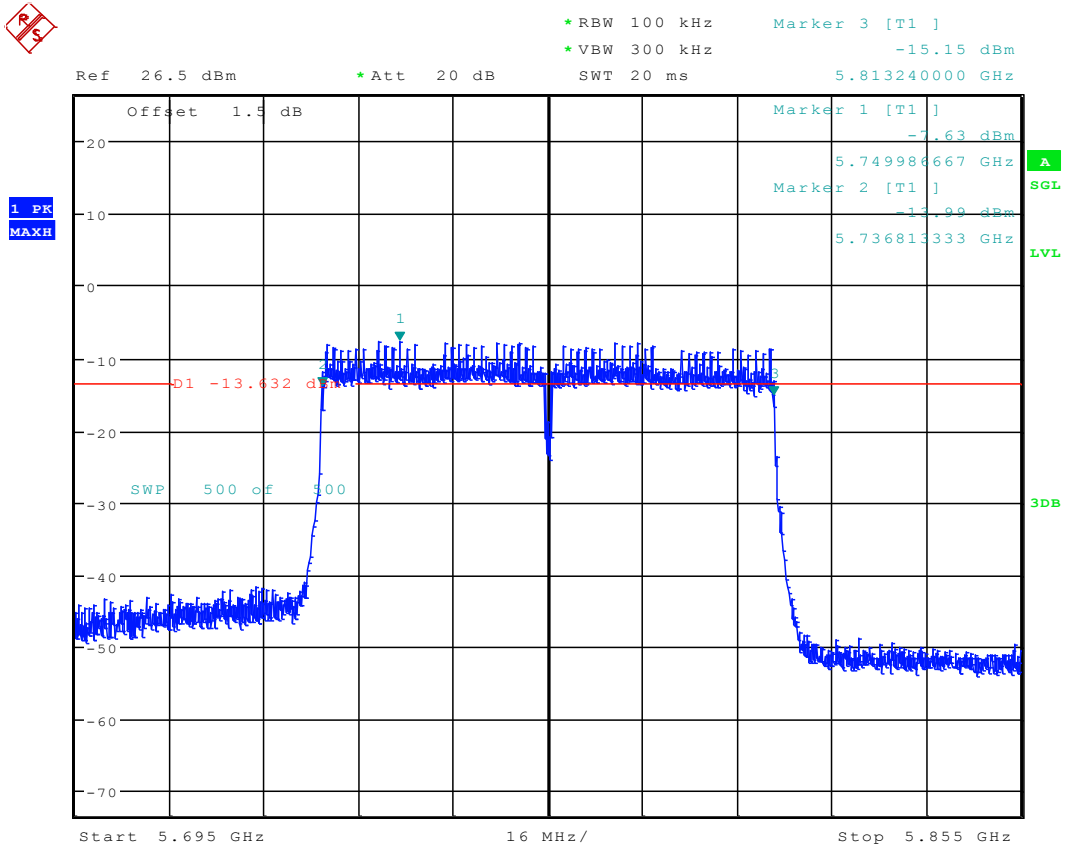


\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -13.36 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813186667 GHz



Date: 13.SEP.2017 18:05:15

### 4.40 11AC80MIMO\_155 ANT 2



Date: 15.SEP.2017 17:20:37

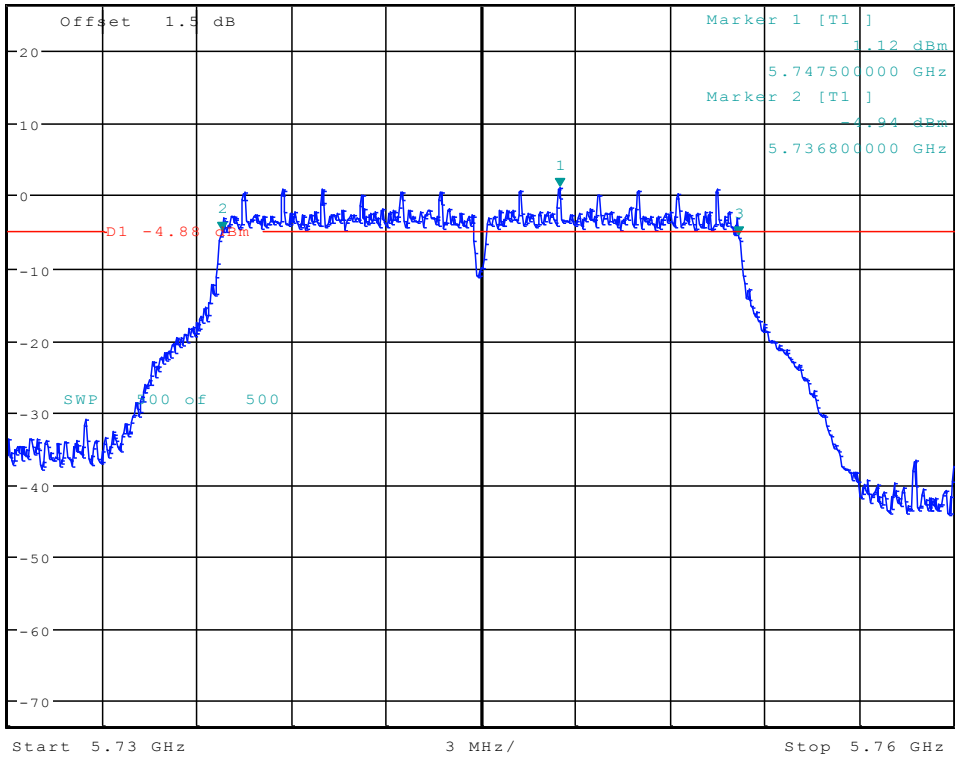
### 4.41 11A-CDD\_149 ANT1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -5.51 dBm  
 SWT 20 ms      5.753180000 GHz

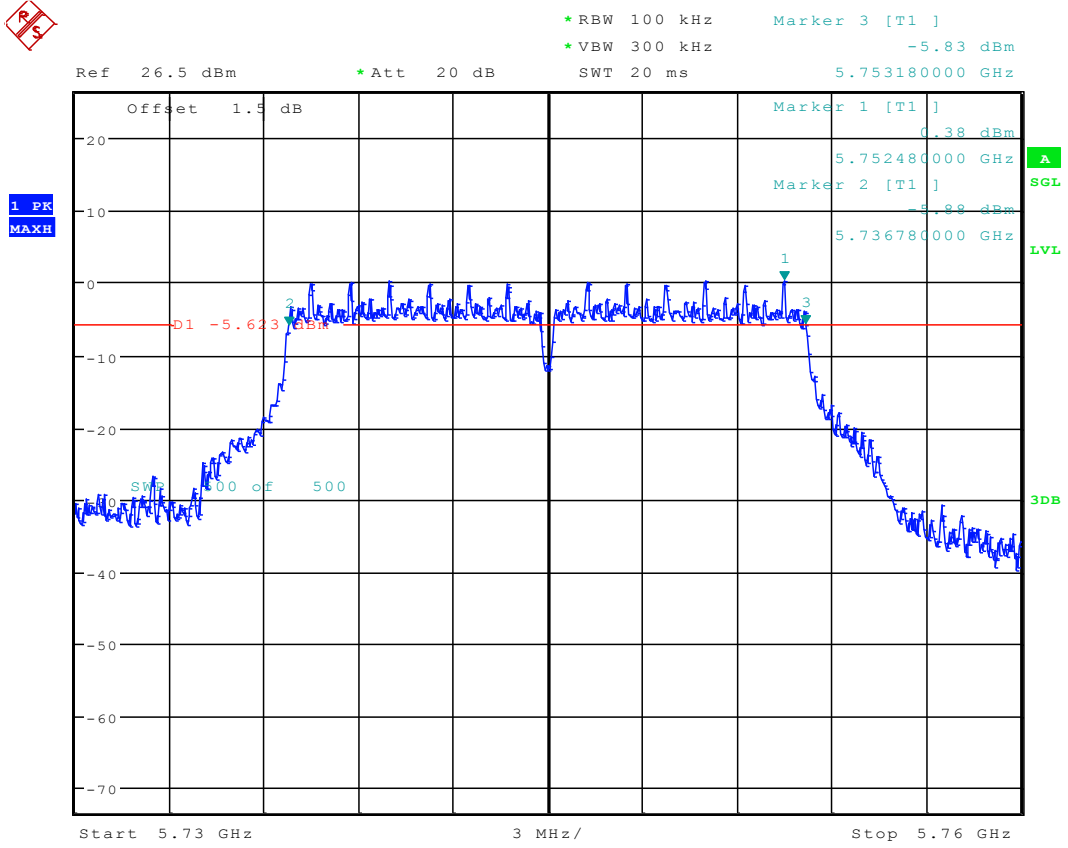
Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



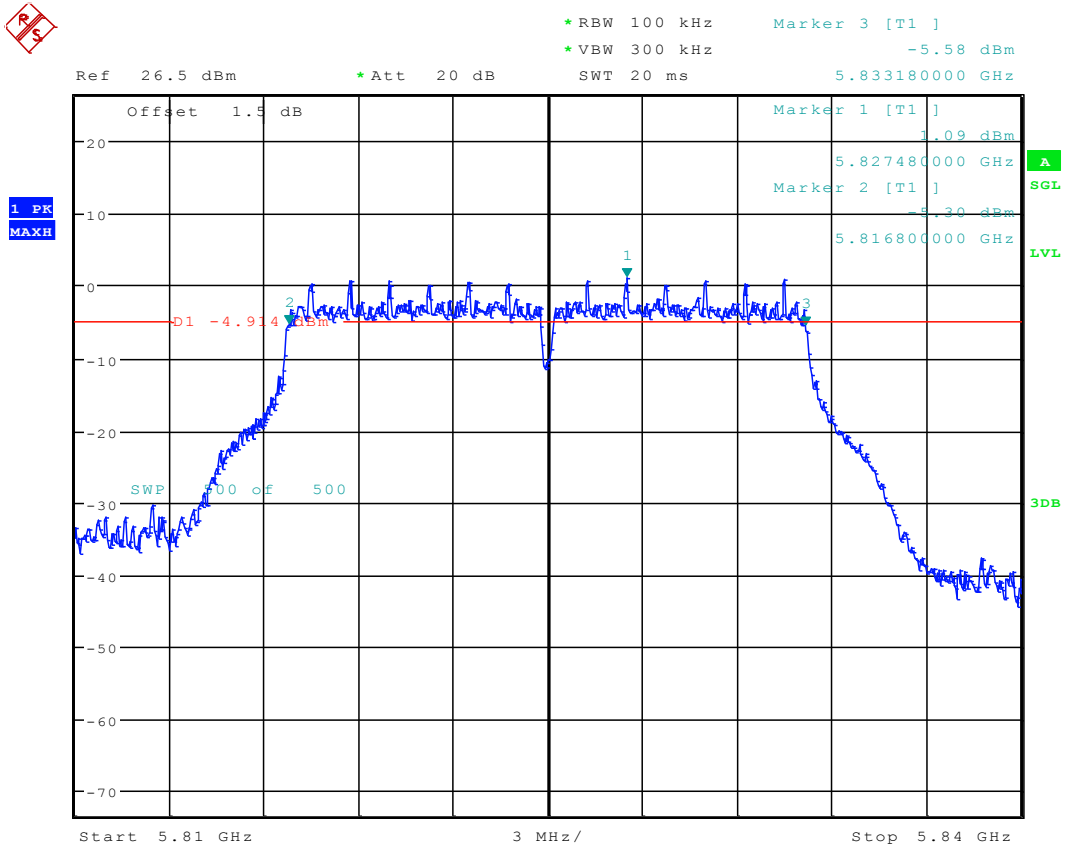
Date: 18.SEP.2017 09:59:19

### 4.42 11A-CDD\_149ANT 2



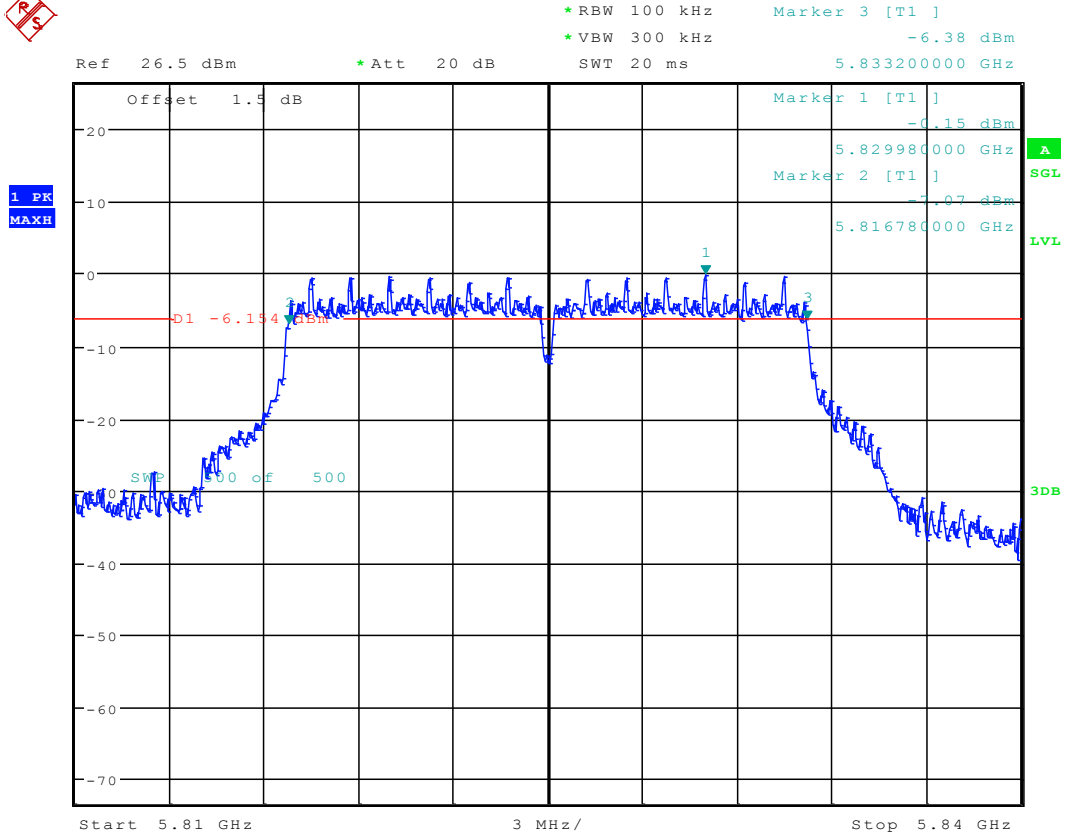
Date: 18.SEP.2017 10:43:56

### 4.43 11A-CDD\_165 ANT 1



Date: 18.SEP.2017 10:02:51

### 4.44 11A-CDD\_165 ANT 2



Date: 18.SEP.2017 10:57:18



# Appendix B Occupied Bandwidth (OBW)



**5 Result Table**

Test Mode	Test Channel	Frequency [MHz]	Antenna Port	Occupied Bandwidth [MHz]	Verdict
11A20	36	5180	ANT 1	17.32	PASS
	36	5180	ANT 2	17.3	PASS
	48	5240	ANT 1	17.32	PASS
	48	5240	ANT 2	17.32	PASS
	52	5260	ANT 1	17.32	PASS
	52	5260	ANT 2	17.34	PASS
	64	5320	ANT 1	17.32	PASS
	64	5320	ANT 2	17.3	PASS
	100	5500	ANT 1	17.34	PASS
	100	5500	ANT 2	17.3	PASS
	140	5700	ANT 1	17.34	PASS
	140	5700	ANT 2	17.32	PASS
	144	5720	ANT 1	17.32	PASS
	144	5720	ANT 2	17.34	PASS
	149	5745	ANT 1	17.34	PASS
	149	5745	ANT 2	17.4	PASS
	165	5825	ANT 1	17.32	PASS
	165	5825	ANT 2	17.36	PASS
11N20	36	5180	ANT 1	18.42	PASS
	36	5180	ANT 2	18.38	PASS
	48	5240	ANT 1	18.4	PASS
	48	5240	ANT 2	18.4	PASS
	52	5260	ANT 1	18.38	PASS
	52	5260	ANT 2	18.4	PASS
	64	5320	ANT 1	18.42	PASS
	64	5320	ANT 2	18.38	PASS
	100	5500	ANT 1	18.44	PASS
	100	5500	ANT 2	18.38	PASS
	140	5700	ANT 1	18.4	PASS
	140	5700	ANT 2	18.46	PASS
	144	5720	ANT 1	18.44	PASS
	144	5720	ANT 2	18.42	PASS
149	5745	ANT 1	18.42	PASS	



	149	5745	ANT 2	18.48	PASS
	165	5825	ANT 1	18.4	PASS
	165	5825	ANT 2	18.42	PASS
11N20MIMO	36	5180	ANT 1	18.4	PASS
	36	5180	ANT 2	18.08	PASS
	48	5240	ANT 1	18.38	PASS
	48	5240	ANT 2	18.06	PASS
	52	5260	ANT 1	18.42	PASS
	52	5260	ANT 2	18.06	PASS
	64	5320	ANT 1	18.42	PASS
	64	5320	ANT 2	18.06	PASS
	100	5500	ANT 1	18.4	PASS
	100	5500	ANT 2	18.06	PASS
	140	5700	ANT 1	18.42	PASS
	140	5700	ANT 2	18.12	PASS
	144	5720	ANT 1	18.42	PASS
	144	5720	ANT 2	18.16	PASS
	149	5745	ANT 1	18.42	PASS
	149	5745	ANT 2	18.12	PASS
	165	5825	ANT 1	18.38	PASS
	165	5825	ANT 2	18.12	PASS
11N40	38	5190	ANT 1	36.6	PASS
	38	5190	ANT 2	36.58	PASS
	46	5230	ANT 1	36.58	PASS
	46	5230	ANT 2	36.58	PASS
	54	5270	ANT 1	36.58	PASS
	54	5270	ANT 2	36.6	PASS
	62	5310	ANT 1	36.58	PASS
	62	5310	ANT 2	36.6	PASS
	102	5510	ANT 1	36.62	PASS
	102	5510	ANT 2	36.56	PASS
	134	5670	ANT 1	36.62	PASS
	134	5670	ANT 2	36.58	PASS
	142	5710	ANT 1	36.58	PASS
	142	5710	ANT 2	36.6	PASS
	151	5755	ANT 1	36.6	PASS
	151	5755	ANT 2	36.62	PASS
	159	5795	ANT 1	36.62	PASS
	159	5795	ANT 2	36.6	PASS
11N40MIMO	38	5190	ANT 1	36.58	PASS
	38	5190	ANT 2	36.38	PASS

	46	5230	ANT 1	36.6	PASS
	46	5230	ANT 2	36.36	PASS
	54	5270	ANT 1	36.62	PASS
	54	5270	ANT 2	36.36	PASS
	62	5310	ANT 1	36.58	PASS
	62	5310	ANT 2	36.38	PASS
	102	5510	ANT 1	36.56	PASS
	102	5510	ANT 2	36.38	PASS
	134	5670	ANT 1	36.58	PASS
	134	5670	ANT 2	36.38	PASS
	142	5710	ANT 1	36.62	PASS
	142	5710	ANT 2	36.36	PASS
	151	5755	ANT 1	36.6	PASS
	151	5755	ANT 2	36.42	PASS
	159	5795	ANT 1	36.6	PASS
	159	5795	ANT 2	36.46	PASS
11AC20	36	5180	ANT 1	18.4	PASS
	36	5180	ANT 2	18.38	PASS
	48	5240	ANT 1	18.36	PASS
	48	5240	ANT 2	18.38	PASS
	52	5260	ANT 1	18.36	PASS
	52	5260	ANT 2	18.4	PASS
	64	5320	ANT 1	18.4	PASS
	64	5320	ANT 2	18.38	PASS
	100	5500	ANT 1	18.4	PASS
	100	5500	ANT 2	18.36	PASS
	140	5700	ANT 1	18.38	PASS
	140	5700	ANT 2	18.46	PASS
	144	5720	ANT 1	18.4	PASS
	144	5720	ANT 2	18.4	PASS
	149	5745	ANT 1	18.4	PASS
	149	5745	ANT 2	18.44	PASS
	165	5825	ANT 1	18.4	PASS
	165	5825	ANT 2	18.38	PASS
11AC20MIMO	36	5180	ANT 1	18.38	PASS
	36	5180	ANT 2	18.04	PASS
	48	5240	ANT 1	18.36	PASS
	48	5240	ANT 2	18.04	PASS
	52	5260	ANT 1	18.46	PASS
	52	5260	ANT 2	18.06	PASS
	64	5320	ANT 1	18.4	PASS

	64	5320	ANT 2	18.06	PASS
	100	5500	ANT 1	18.44	PASS
	100	5500	ANT 2	18.06	PASS
	140	5700	ANT 1	18.38	PASS
	140	5700	ANT 2	18.08	PASS
	144	5720	ANT 1	18.44	PASS
	144	5720	ANT 2	18.08	PASS
	149	5745	ANT 1	18.44	PASS
	149	5745	ANT 2	18.12	PASS
	165	5825	ANT 1	18.4	PASS
	165	5825	ANT 2	18.1	PASS
11AC40	38	5190	ANT 1	36.58	PASS
	38	5190	ANT 2	36.56	PASS
	46	5230	ANT 1	36.56	PASS
	46	5230	ANT 2	36.58	PASS
	54	5270	ANT 1	36.6	PASS
	54	5270	ANT 2	36.6	PASS
	62	5310	ANT 1	36.56	PASS
	62	5310	ANT 2	36.6	PASS
	102	5510	ANT 1	36.54	PASS
	102	5510	ANT 2	36.56	PASS
	134	5670	ANT 1	36.54	PASS
	134	5670	ANT 2	36.54	PASS
	142	5710	ANT 1	36.58	PASS
	142	5710	ANT 2	36.58	PASS
	151	5755	ANT 1	36.58	PASS
	151	5755	ANT 2	36.58	PASS
11AC40MIMO	159	5795	ANT 1	36.56	PASS
	159	5795	ANT 2	36.56	PASS
	38	5190	ANT 1	36.56	PASS
	38	5190	ANT 2	36.36	PASS
	46	5230	ANT 1	36.56	PASS
	46	5230	ANT 2	36.34	PASS
	54	5270	ANT 1	36.6	PASS
	54	5270	ANT 2	36.38	PASS
	62	5310	ANT 1	36.58	PASS
	62	5310	ANT 2	36.36	PASS
	102	5510	ANT 1	36.58	PASS
	102	5510	ANT 2	36.36	PASS
134	5670	ANT 1	36.6	PASS	
134	5670	ANT 2	36.36	PASS	

	142	5710	ANT 1	36.58	PASS
	142	5710	ANT 2	36.38	PASS
	151	5755	ANT 1	36.6	PASS
	151	5755	ANT 2	36.4	PASS
	159	5795	ANT 1	36.6	PASS
	159	5795	ANT 2	36.4	PASS
11AC80	42	5210	ANT 1	76	PASS
	42	5210	ANT 2	76	PASS
	58	5290	ANT 1	76.12	PASS
	58	5290	ANT 2	76.16	PASS
	106	5530	ANT 1	76.12	PASS
	106	5530	ANT 2	76.08	PASS
	138	5690	ANT 1	76.2	PASS
	138	5690	ANT 2	76.16	PASS
	155	5775	ANT 1	76.16	PASS
	155	5775	ANT 2	76.04	PASS
11AC80MIMO	42	5210	ANT 1	76	PASS
	42	5210	ANT 2	75.84	PASS
	58	5290	ANT 1	76.12	PASS
	58	5290	ANT 2	75.92	PASS
	106	5530	ANT 1	76	PASS
	106	5530	ANT 2	75.88	PASS
	138	5690	ANT 1	76.08	PASS
	138	5690	ANT 2	75.88	PASS
	155	5775	ANT 1	76.12	PASS
	155	5775	ANT 2	75.92	PASS
11A-CDD	36	5180	ANT 1	17.38	PASS
	36	5180	ANT 2	17.26	PASS
	48	5240	ANT 1	17.32	PASS
	48	5240	ANT 2	17.22	PASS
	52	5260	ANT 1	17.34	PASS
	52	5260	ANT 2	17.18	PASS
	64	5320	ANT 1	17.36	PASS
	64	5320	ANT 2	17.2	PASS
	100	5500	ANT 1	17.38	PASS
	100	5500	ANT 2	17.3	PASS
	140	5700	ANT 1	17.38	PASS
	140	5700	ANT 2	17.3	PASS
	144	5720	ANT 1	17.36	PASS
	144	5720	ANT 2	17.32	PASS



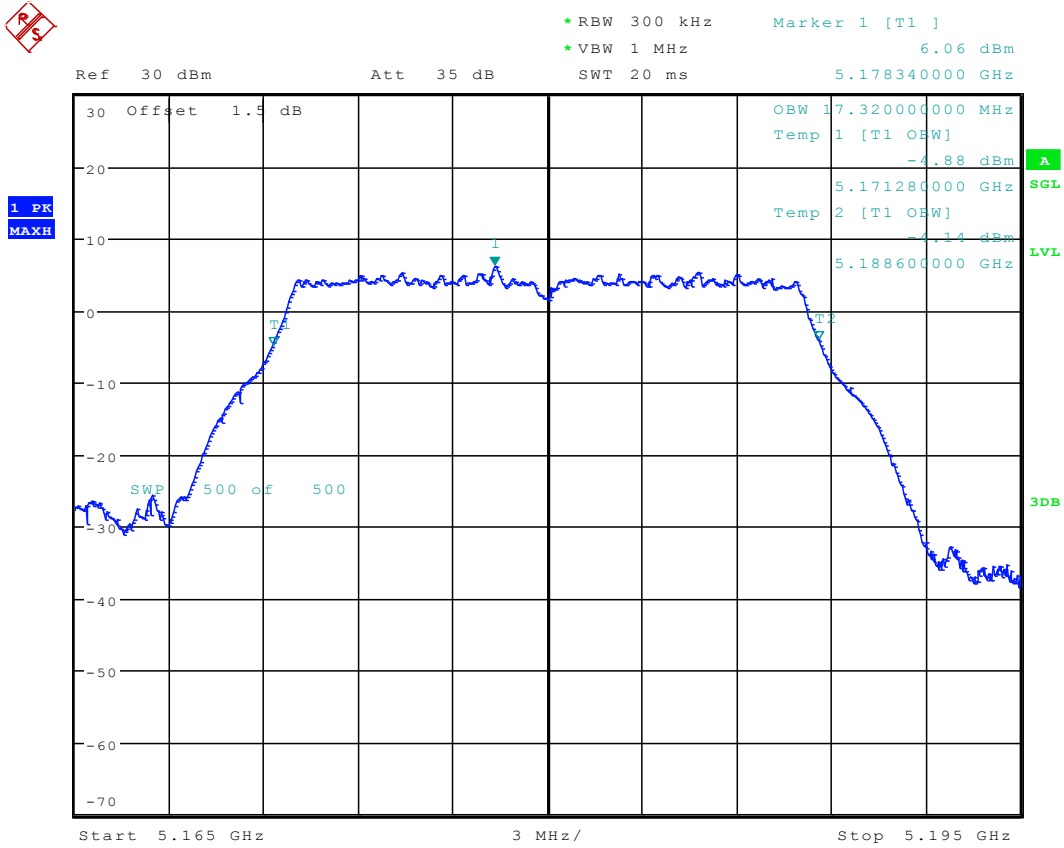
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	149	5745	ANT 1	17.38	PASS
	149	5745	ANT 2	17.32	PASS
	165	5825	ANT 1	17.4	PASS
	165	5825	ANT 2	17.4	PASS

## 6 Test Plot

### 6.1 11A20\_36 ANT 1



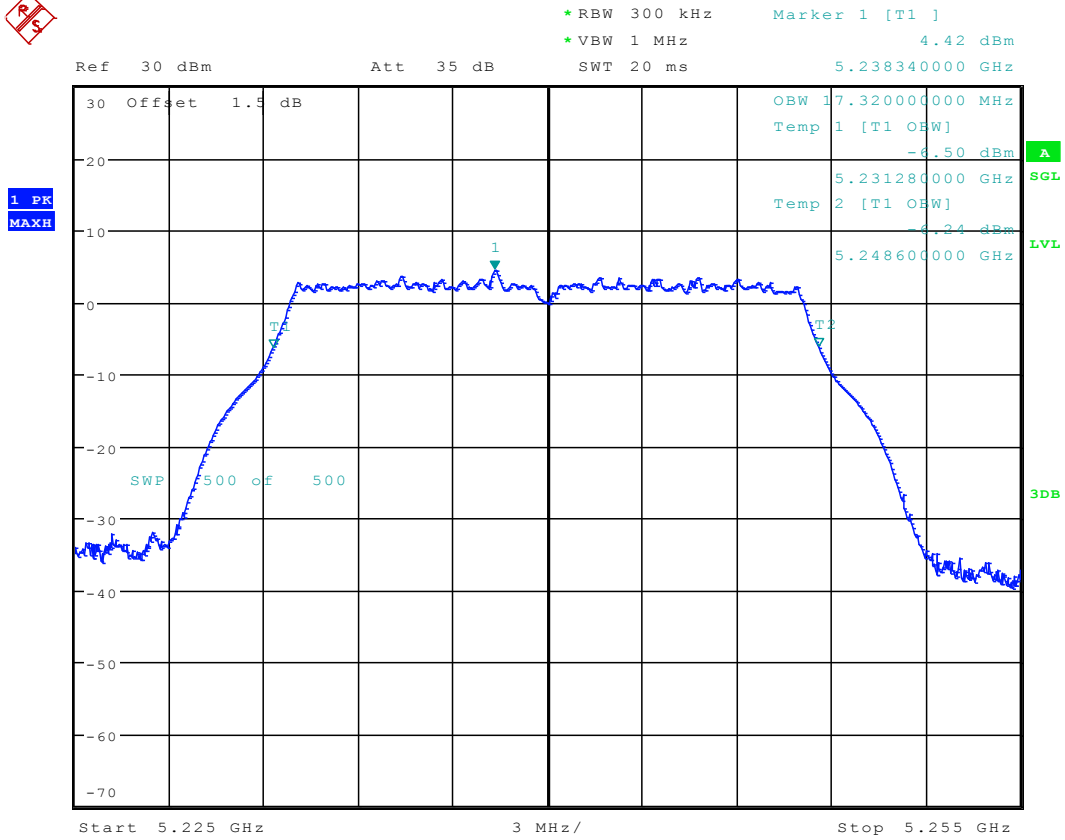
Date: 11.SEP.2017 11:28:36







### 6.4 11A20\_48 ANT 2



Date: 12.SEP.2017 14:17:42







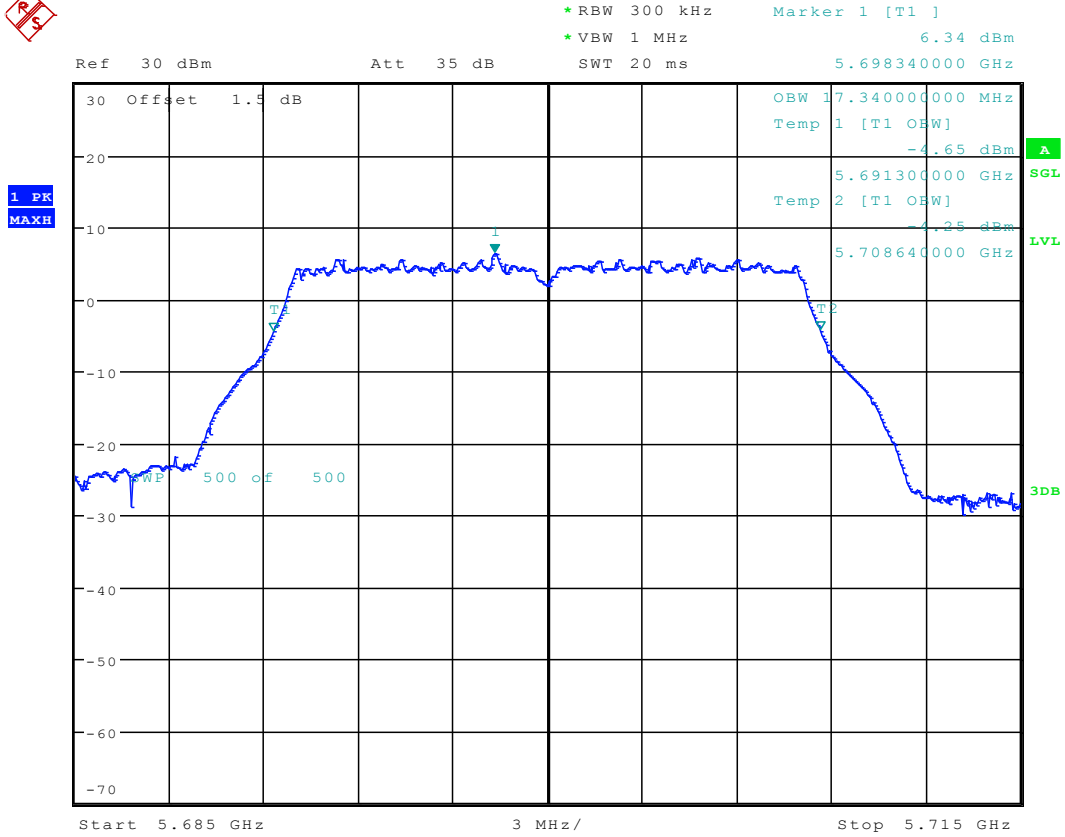






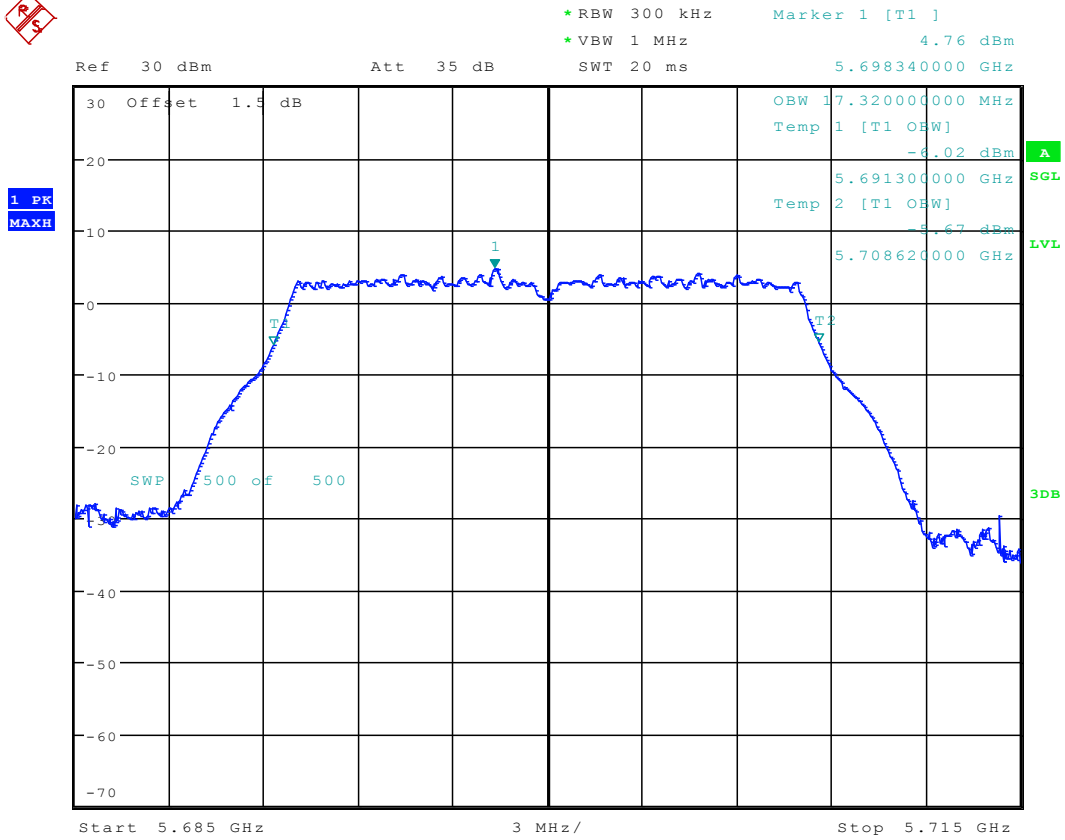


### 6.11 11A20\_140 ANT 1



Date: 11.SEP.2017 11:59:01

### 6.12 11A20\_140 ANT 2



Date: 12.SEP.2017 14:45:34

### 6.13 11A20\_144 ANT 1



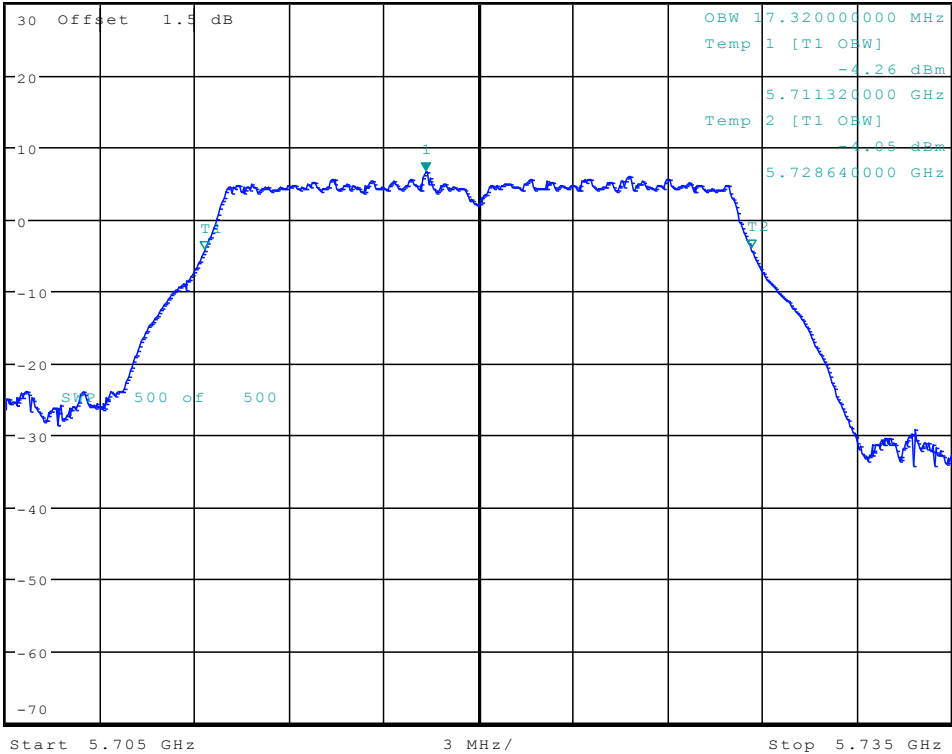
\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      6.50 dBm  
 SWT 20 ms      5.718340000 GHz

Ref 30 dBm

Att 35 dB

OBW 1	17.320000000 MHz
Temp 1 [T1 OBW]	-4.26 dBm
	5.711320000 GHz
Temp 2 [T1 OBW]	-4.05 dBm
	5.728640000 GHz

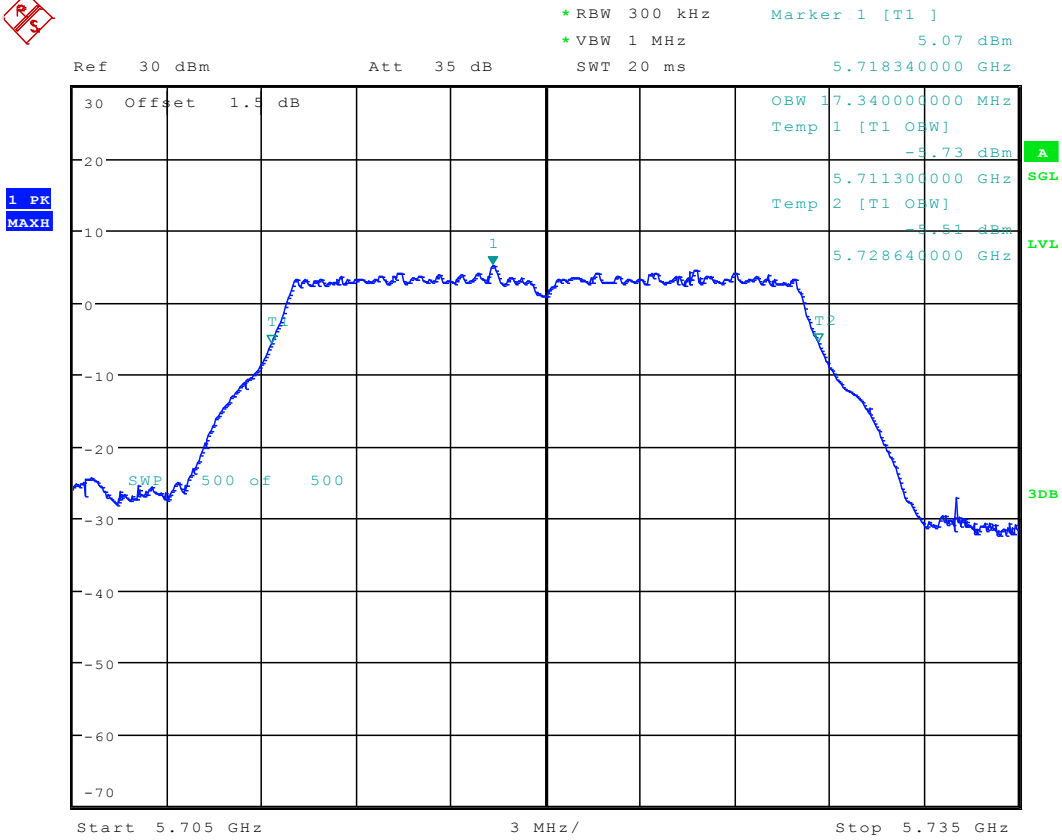
1 PK  
MAXH



Date: 18.SEP.2017 14:05:47

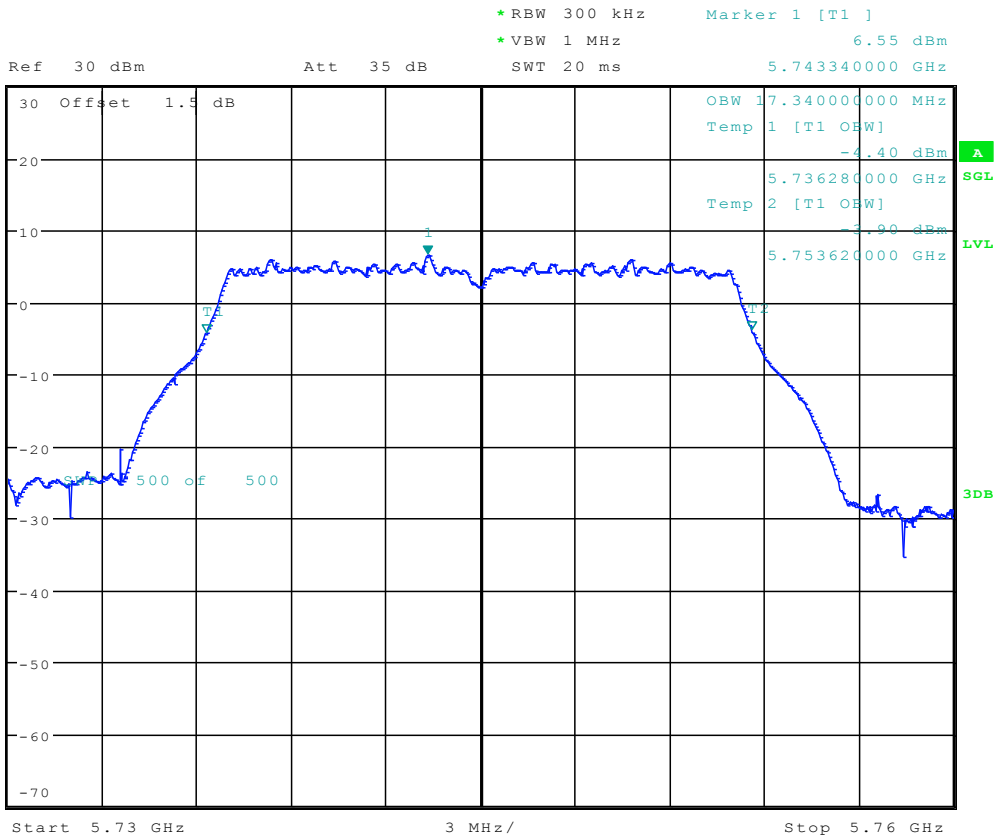


### 6.14 11A20\_144 ANT 2



Date: 18.SEP.2017 14:39:07

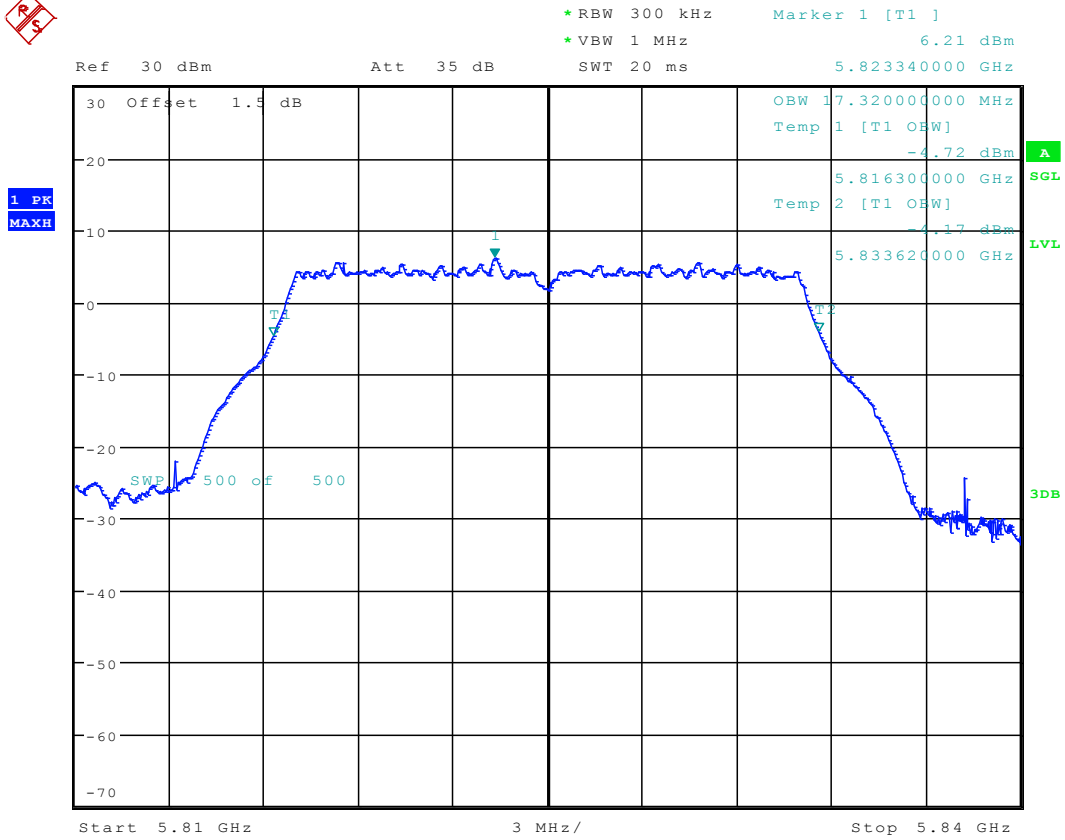
### 6.15 11A20\_149 ANT 1



Date: 11.SEP.2017 12:05:08



### 6.17 11A20\_165 ANT 1

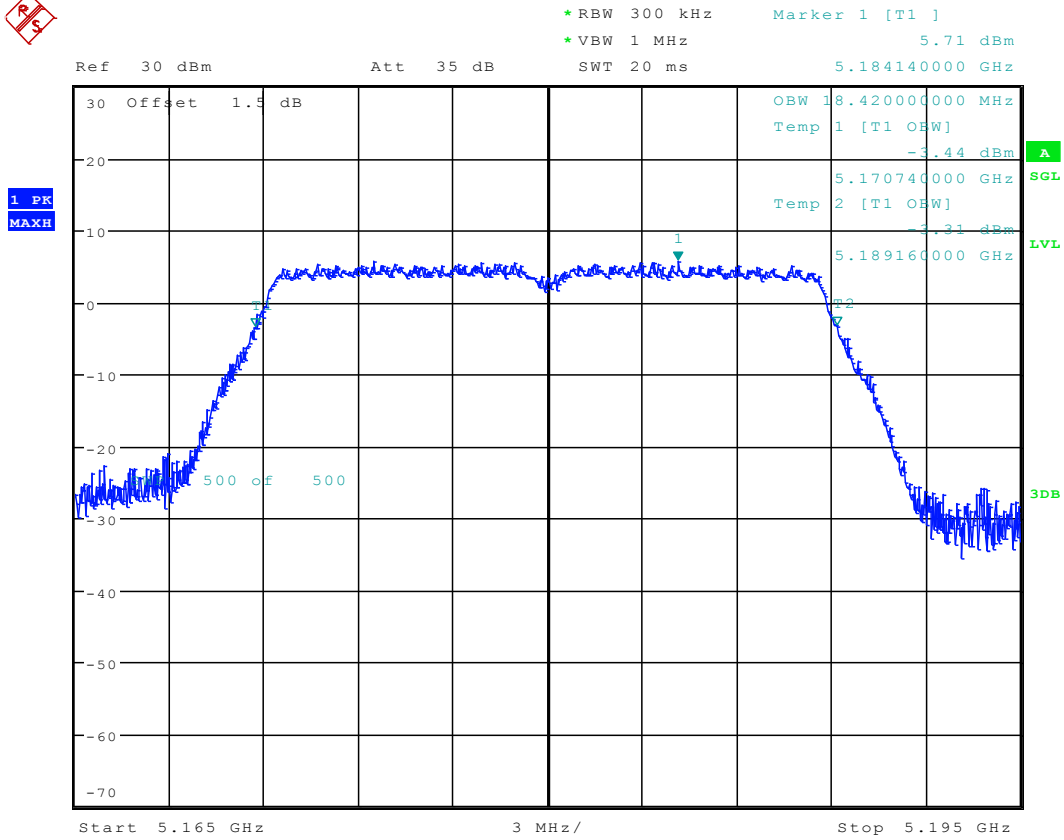


Date: 11.SEP.2017 12:09:10



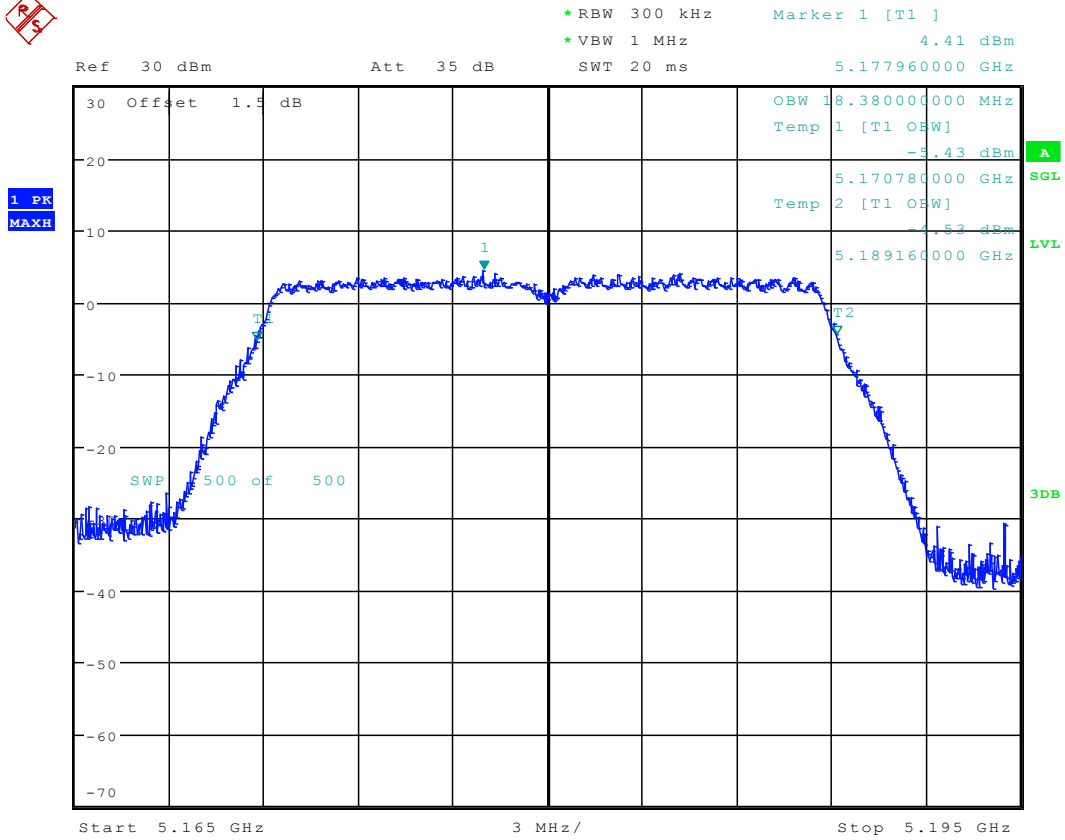


## 6.19 11N20\_36 ANT 1



Date: 11.SEP.2017 15:23:15

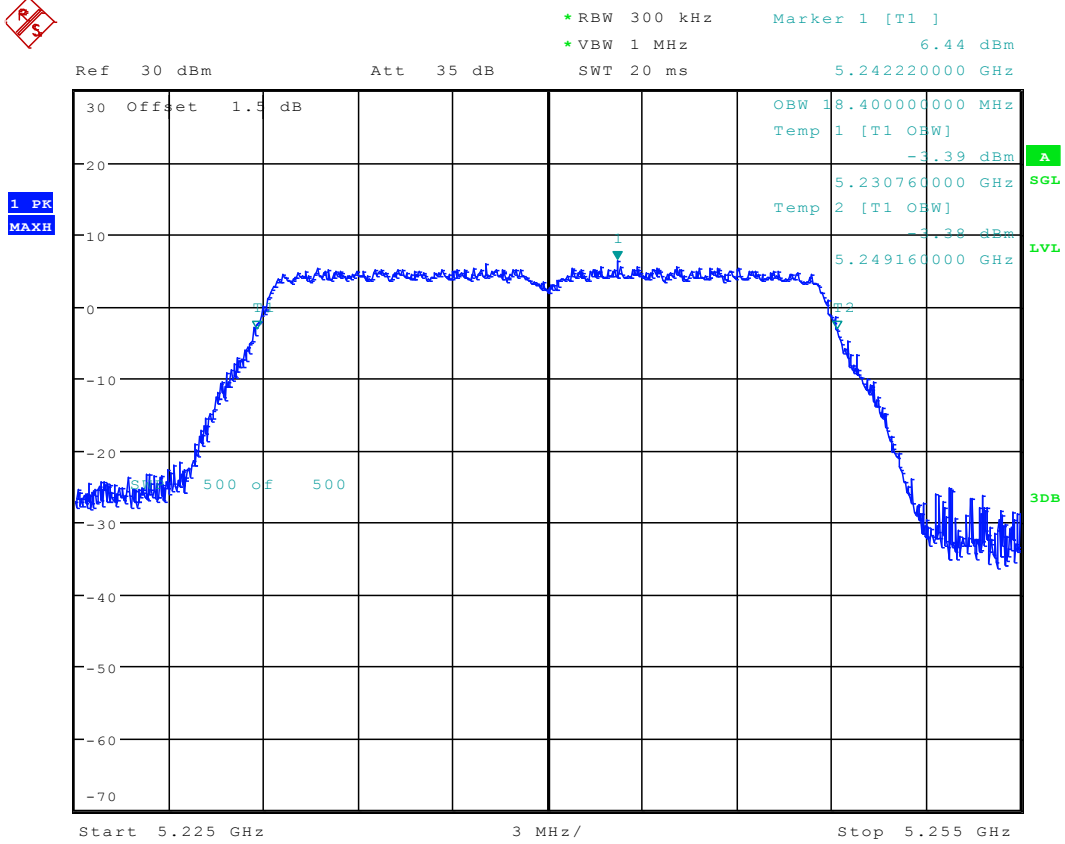
### 6.20 11N20\_36 ANT 2



Date: 12.SEP.2017 14:59:22



6.21 11N20\_48 ANT 1

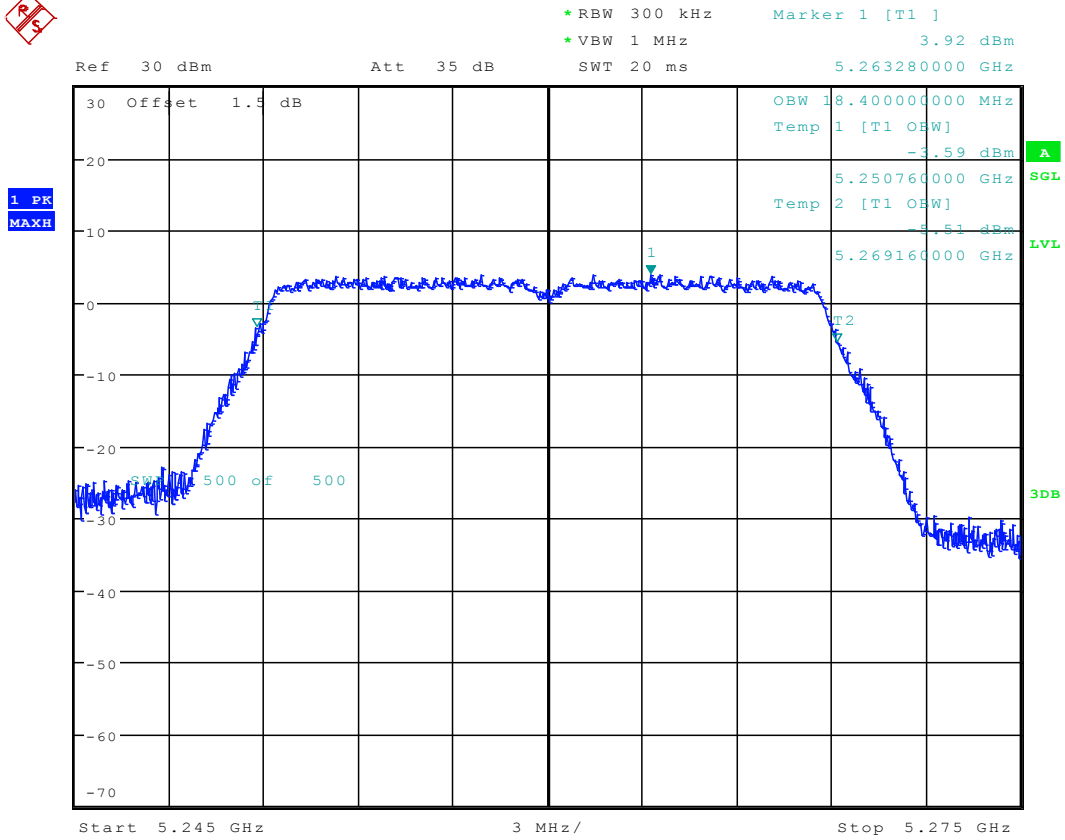


Date: 11.SEP.2017 15:26:31



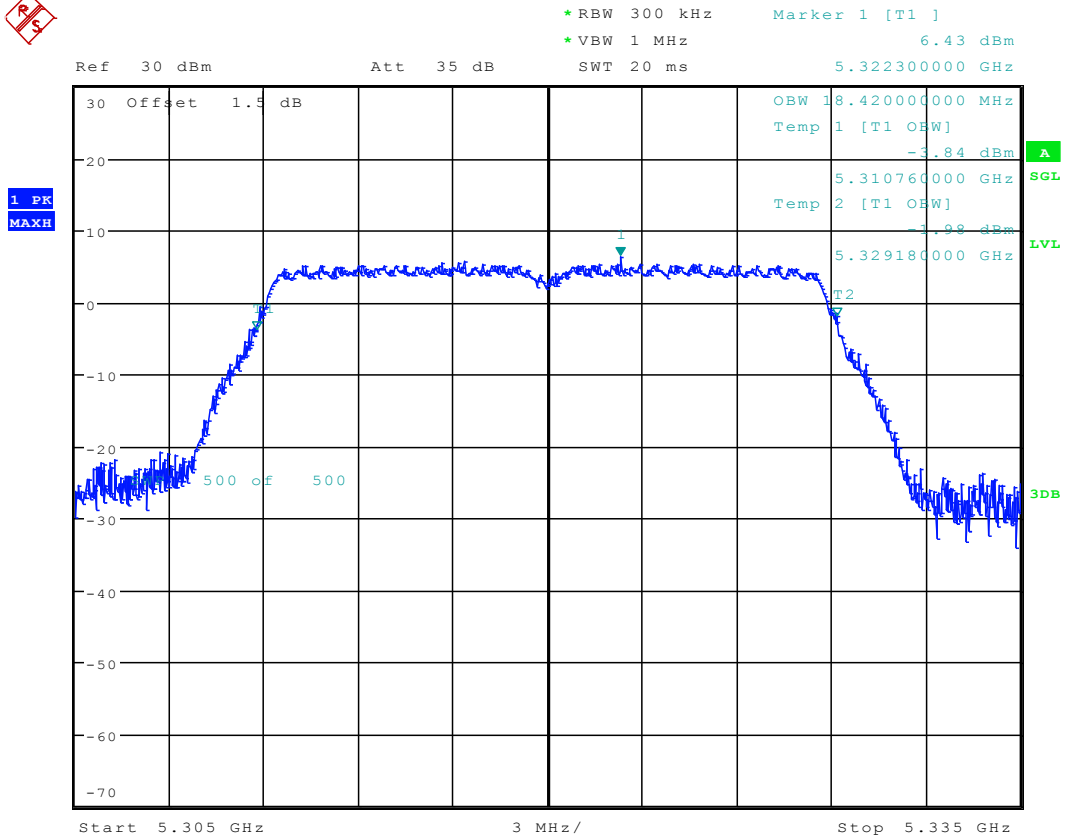


### 6.24 11N20\_52 ANT 2



Date: 12.SEP.2017 15:20:19

### 6.25 11N20\_64 ANT 1



Date: 11.SEP.2017 15:32:11

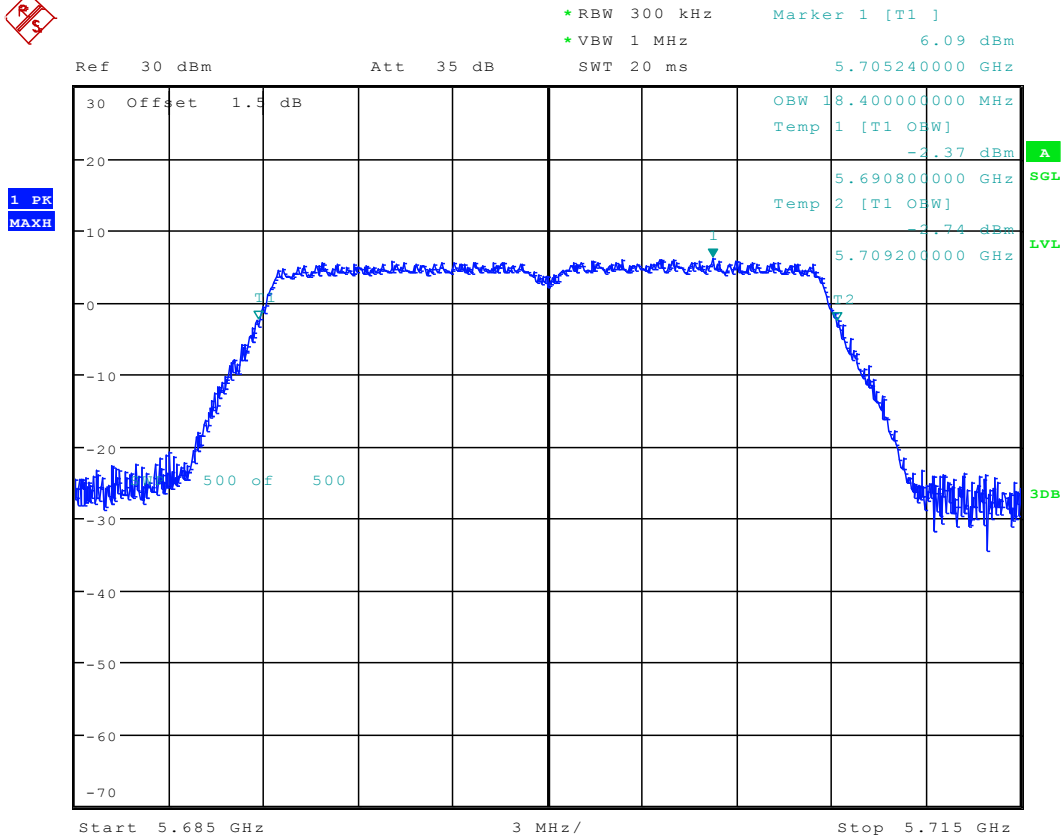








## 6.29 11N20\_140 ANT 1

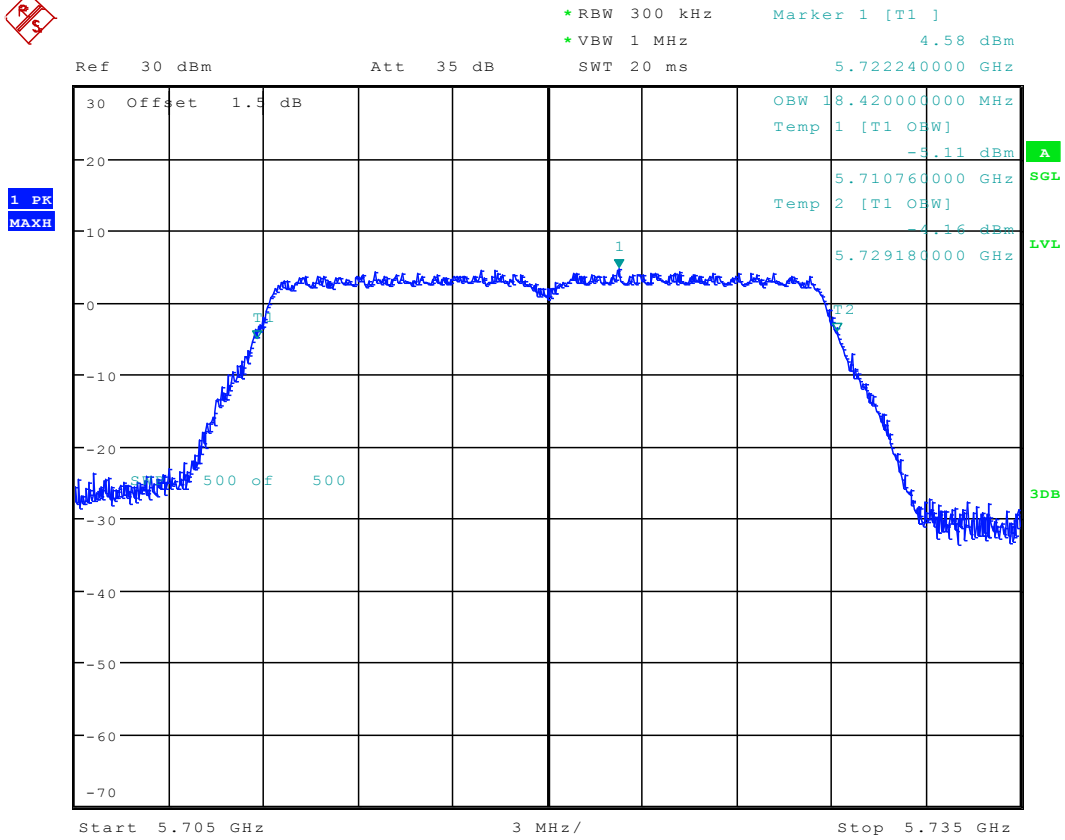


Date: 11.SEP.2017 15:53:13





### 6.32 11N20\_144 ANT 2



Date: 18.SEP.2017 14:41:57





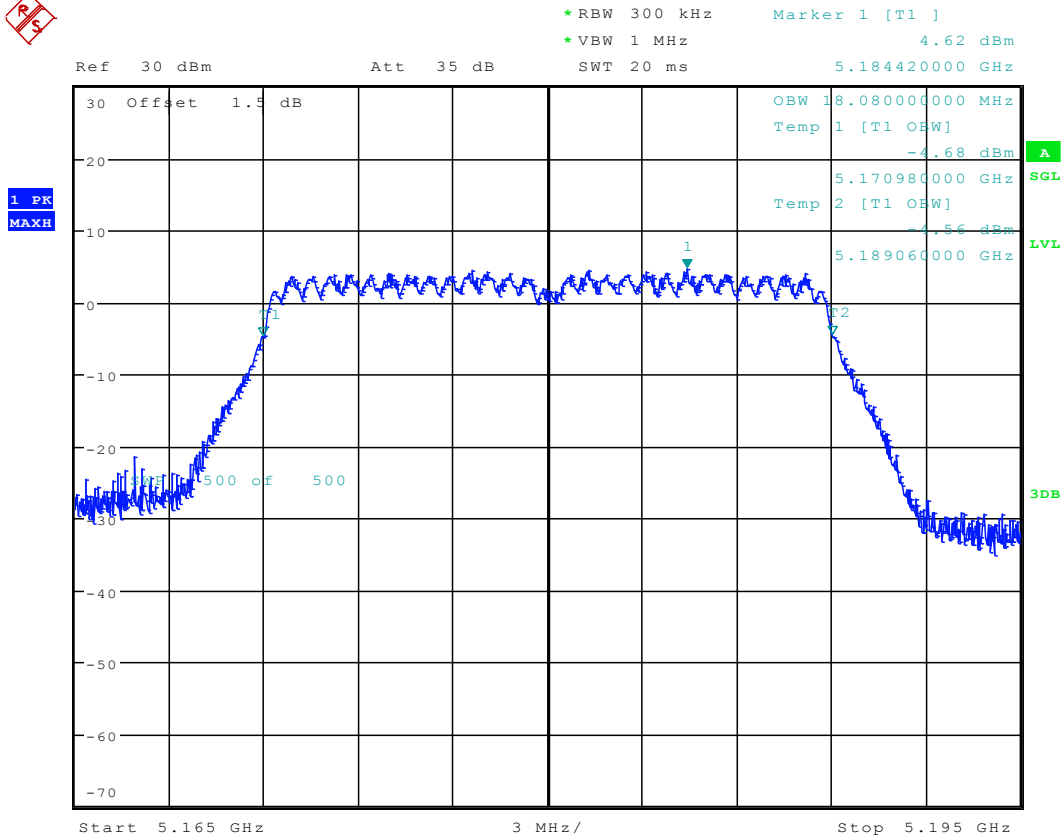








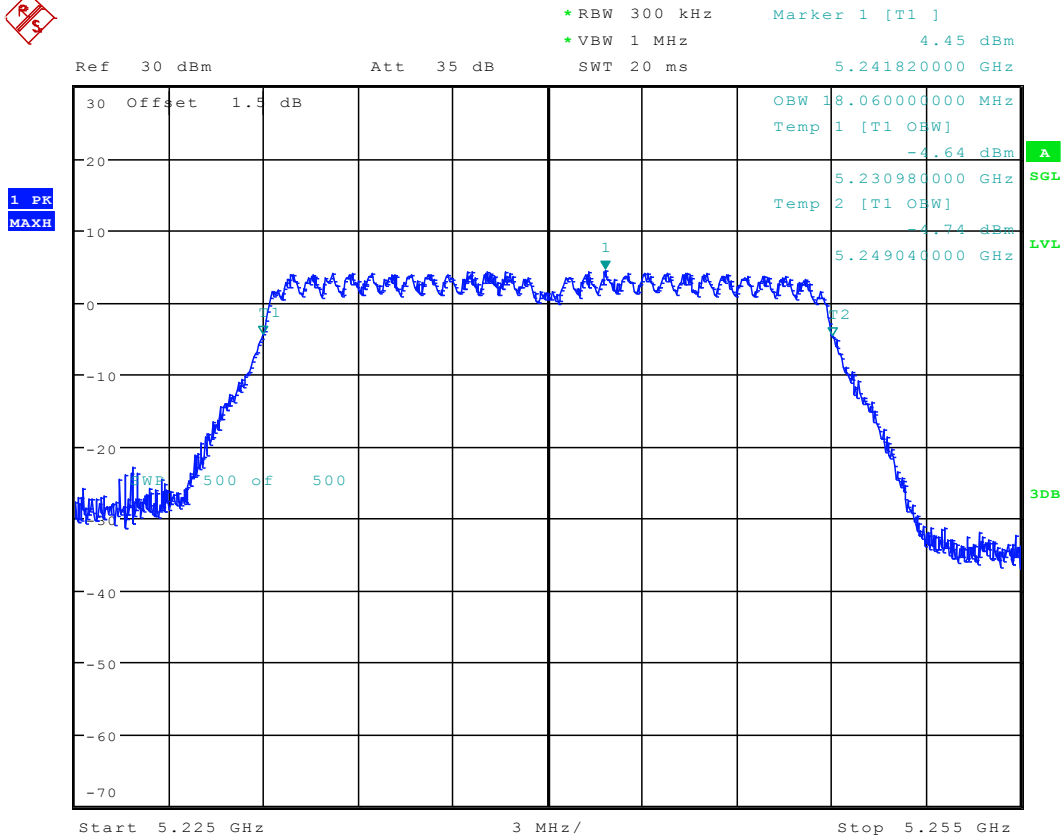
## 6.38 11N20MIMO\_36 ANT 2



Date: 15.SEP.2017 14:07:19



### 6.40 11N20MIMO\_48 ANT 2



Date: 15.SEP.2017 14:10:10







