



# 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	21.72	PASS
	36	5180	ANT 2	21.7	PASS
	48	5240	ANT 1	21.8	PASS
	48	5240	ANT 2	21.8	PASS
	52	5260	ANT 1	21.8	PASS
	52	5260	ANT 2	21.8	PASS
	64	5320	ANT 1	21.76	PASS
	64	5320	ANT 2	21.76	PASS
	100	5500	ANT 1	21.76	PASS
	100	5500	ANT 2	21.7	PASS
	140	5700	ANT 1	21.82	PASS
	140	5700	ANT 2	21.78	PASS
11A20_CDD	36	5180	ANT 1	21.74	PASS
	36	5180	ANT 2	21.68	PASS
	48	5240	ANT 1	21.76	PASS
	48	5240	ANT 2	21.86	PASS
	52	5260	ANT 1	21.8	PASS
	52	5260	ANT 2	21.82	PASS
	64	5320	ANT 1	21.76	PASS
	64	5320	ANT 2	21.7	PASS
	100	5500	ANT 1	21.72	PASS
	100	5500	ANT 2	21.72	PASS
	140	5700	ANT 1	21.82	PASS
	140	5700	ANT 2	21.72	PASS
11N20	36	5180	ANT 1	22.14	PASS
	36	5180	ANT 2	22.06	PASS
	48	5240	ANT 1	23.04	PASS
	48	5240	ANT 2	25.84	PASS
	52	5260	ANT 1	22.68	PASS
	52	5260	ANT 2	22.26	PASS
	64	5320	ANT 1	22.08	PASS
	64	5320	ANT 2	22.26	PASS
	100	5500	ANT 1	22.1	PASS



	100	5500	ANT 2	22.16	PASS
	140	5700	ANT 1	22.22	PASS
	140	5700	ANT 2	22.3	PASS
11N20MIMO	36	5180	ANT 1	22.04	PASS
	36	5180	ANT 2	21.84	PASS
	48	5240	ANT 1	22.18	PASS
	48	5240	ANT 2	26.32	PASS
	52	5260	ANT 1	25.32	PASS
	52	5260	ANT 2	22.3	PASS
	64	5320	ANT 1	22.16	PASS
	64	5320	ANT 2	21.86	PASS
	100	5500	ANT 1	22.24	PASS
	100	5500	ANT 2	21.9	PASS
	140	5700	ANT 1	22.16	PASS
	140	5700	ANT 2	21.9	PASS
11N40	38	5190	ANT 1	40.46	PASS
	38	5190	ANT 2	40.72	PASS
	46	5230	ANT 1	40.66	PASS
	46	5230	ANT 2	40.76	PASS
	54	5270	ANT 1	40.72	PASS
	54	5270	ANT 2	40.68	PASS
	62	5310	ANT 1	40.52	PASS
	62	5310	ANT 2	40.72	PASS
	102	5510	ANT 1	40.54	PASS
	102	5510	ANT 2	40.68	PASS
	134	5670	ANT 1	40.44	PASS
	134	5670	ANT 2	40.72	PASS
11N40MIMO	38	5190	ANT 1	40.38	PASS
	38	5190	ANT 2	39.98	PASS
	46	5230	ANT 1	40.38	PASS
	46	5230	ANT 2	40	PASS
	54	5270	ANT 1	40.68	PASS
	54	5270	ANT 2	40.08	PASS
	62	5310	ANT 1	40.38	PASS
	62	5310	ANT 2	39.88	PASS
	102	5510	ANT 1	40.7	PASS
	102	5510	ANT 2	39.98	PASS
	134	5670	ANT 1	40.8	PASS
	134	5670	ANT 2	40.16	PASS
11AC20	36	5180	ANT 1	22.1	PASS
	36	5180	ANT 2	22.22	PASS



	48	5240	ANT 1	22.68	PASS
	48	5240	ANT 2	25.24	PASS
	52	5260	ANT 1	22.88	PASS
	52	5260	ANT 2	22.72	PASS
	64	5320	ANT 1	22.18	PASS
	64	5320	ANT 2	22.18	PASS
	100	5500	ANT 1	22.12	PASS
	100	5500	ANT 2	22.1	PASS
	140	5700	ANT 1	22.08	PASS
	140	5700	ANT 2	21.96	PASS
11AC20MIMO	36	5180	ANT 1	22.22	PASS
	36	5180	ANT 2	21.94	PASS
	48	5240	ANT 1	24.04	PASS
	48	5240	ANT 2	32.32	PASS
	52	5260	ANT 1	25.16	PASS
	52	5260	ANT 2	21.9	PASS
	64	5320	ANT 1	22.22	PASS
	64	5320	ANT 2	22.02	PASS
	100	5500	ANT 1	22.14	PASS
	100	5500	ANT 2	21.84	PASS
	140	5700	ANT 1	22.12	PASS
	140	5700	ANT 2	21.86	PASS
11AC40	38	5190	ANT 1	40.5	PASS
	38	5190	ANT 2	40.62	PASS
	46	5230	ANT 1	40.68	PASS
	46	5230	ANT 2	40.66	PASS
	54	5270	ANT 1	41.04	PASS
	54	5270	ANT 2	40.58	PASS
	62	5310	ANT 1	40.48	PASS
	62	5310	ANT 2	40.5	PASS
	102	5510	ANT 1	40.72	PASS
	102	5510	ANT 2	40.56	PASS
	134	5670	ANT 1	40.64	PASS
	134	5670	ANT 2	40.56	PASS
11AC40MIMO	38	5190	ANT 1	40.54	PASS
	38	5190	ANT 2	40.22	PASS
	46	5230	ANT 1	40.58	PASS
	46	5230	ANT 2	40.1	PASS
	54	5270	ANT 1	40.64	PASS
	54	5270	ANT 2	40.04	PASS
	62	5310	ANT 1	40.64	PASS



	62	5310	ANT 2	40	PASS
	102	5510	ANT 1	40.5	PASS
	102	5510	ANT 2	40.04	PASS
	134	5670	ANT 1	40.7	PASS
	134	5670	ANT 2	40.24	PASS
11AC80	42	5210	ANT 1	82.67	PASS
	42	5210	ANT 2	83.04	PASS
	58	5290	ANT 1	83.09	PASS
	58	5290	ANT 2	83.15	PASS
	106	5530	ANT 1	83.2	PASS
	106	5530	ANT 2	82.67	PASS
11AC80MIMO	42	5210	ANT 1	82.67	PASS
	42	5210	ANT 2	82.08	PASS
	58	5290	ANT 1	82.99	PASS
	58	5290	ANT 2	82.35	PASS
	106	5530	ANT 1	82.93	PASS
	106	5530	ANT 2	82.56	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	16.38	PASS
	165	5825	ANT 1	16.38	PASS
	165	5825	ANT 2	16.4	PASS
11A20_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
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	17.62	PASS
11N20MIMO	149	5745	ANT 1	17.64	PASS
	149	5745	ANT 2	17.66	PASS
	165	5825	ANT 1	17.64	PASS
	165	5825	ANT 2	17.66	PASS
11N40	151	5755	ANT 1	36.36	PASS
	151	5755	ANT 2	36.38	PASS
	159	5795	ANT 1	36.38	PASS
	159	5795	ANT 2	36.38	PASS
11N40MIMO	151	5755	ANT 1	36.38	PASS
	151	5755	ANT 2	36.38	PASS
	159	5795	ANT 1	36.38	PASS
	159	5795	ANT 2	36.38	PASS
11AC20	149	5745	ANT 1	17.66	PASS
	149	5745	ANT 2	17.64	PASS
	165	5825	ANT 1	17.62	PASS
	165	5825	ANT 2	17.64	PASS
11AC20MIMO	149	5745	ANT 1	17.64	PASS
	149	5745	ANT 2	17.62	PASS
	165	5825	ANT 1	17.72	PASS
	165	5825	ANT 2	17.64	PASS
11AC40	151	5755	ANT 1	36.38	PASS
	151	5755	ANT 2	36.38	PASS

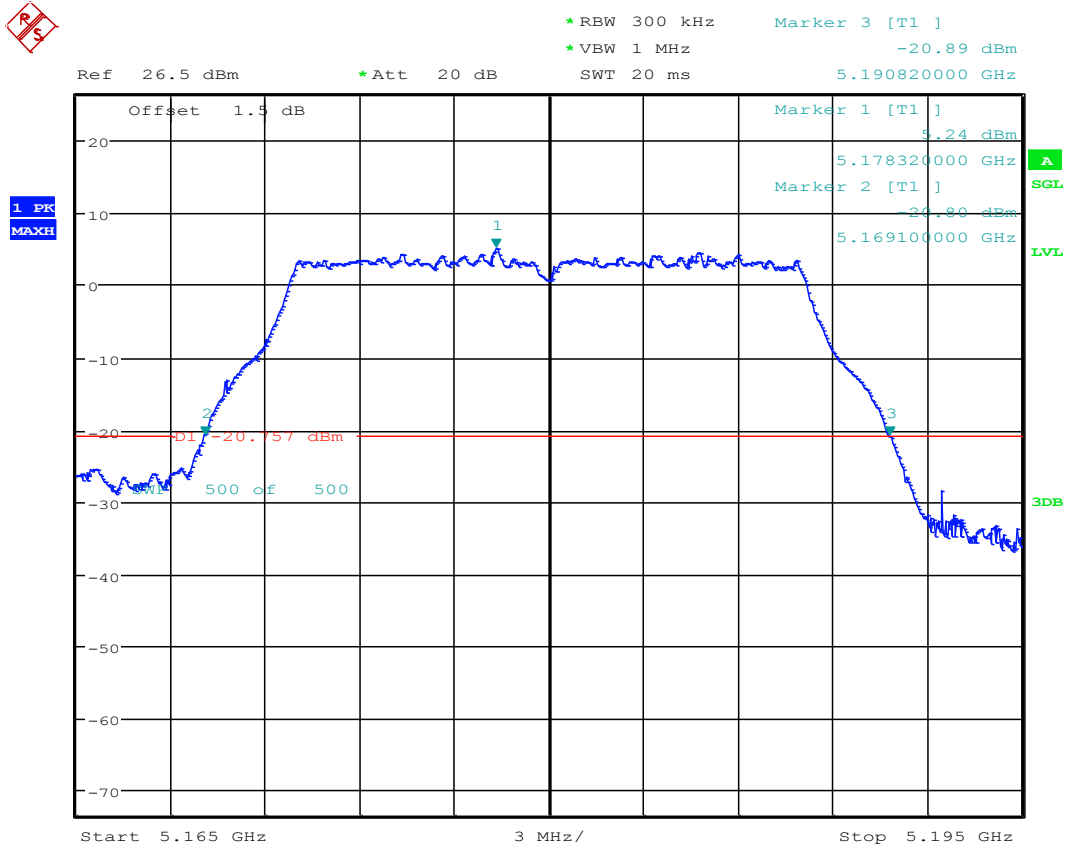


	159	5795	ANT 1	36.4	PASS
	159	5795	ANT 2	36.38	PASS
11AC40MIMO	151	5755	ANT 1	36.36	PASS
	151	5755	ANT 2	36.38	PASS
	159	5795	ANT 1	36.38	PASS
	159	5795	ANT 2	36.38	PASS
11AC80	155	5775	ANT 1	76.43	PASS
	155	5775	ANT 2	76.11	PASS
11AC80MIMO	155	5775	ANT 1	76.21	PASS
	155	5775	ANT 2	75.84	PASS



### 3 Test Plot for 26dB Emission Bandwidth

#### 3.1 11A20\_36 ANT 1

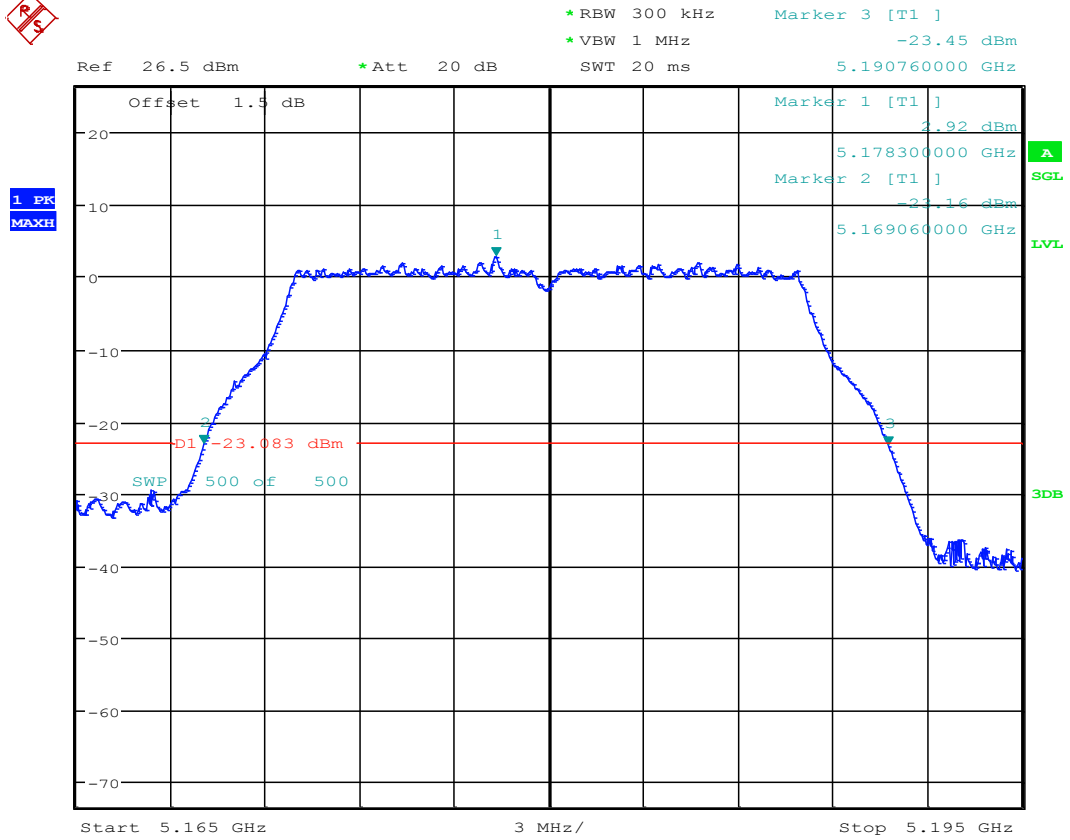


Date: 28.MAR.2018 12:59:10





### 3.2 11A20\_36 ANT 2



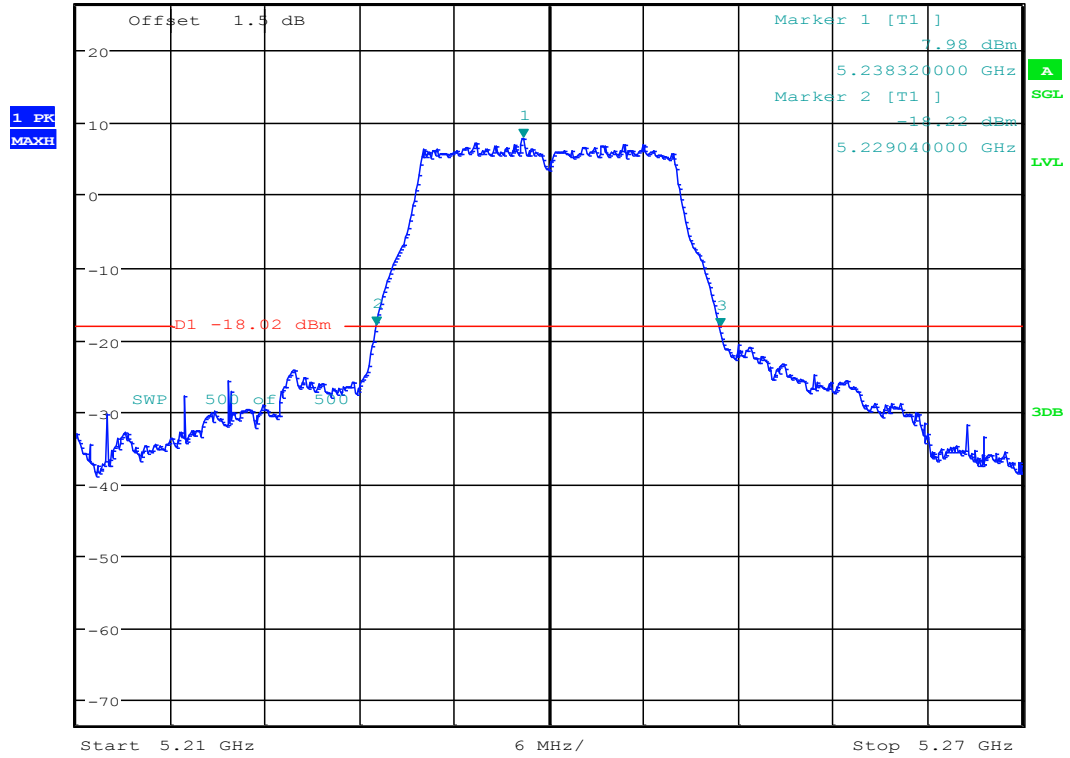
Date: 29.MAR.2018 12:14:35



### 3.3 11A20\_48 ANT 1



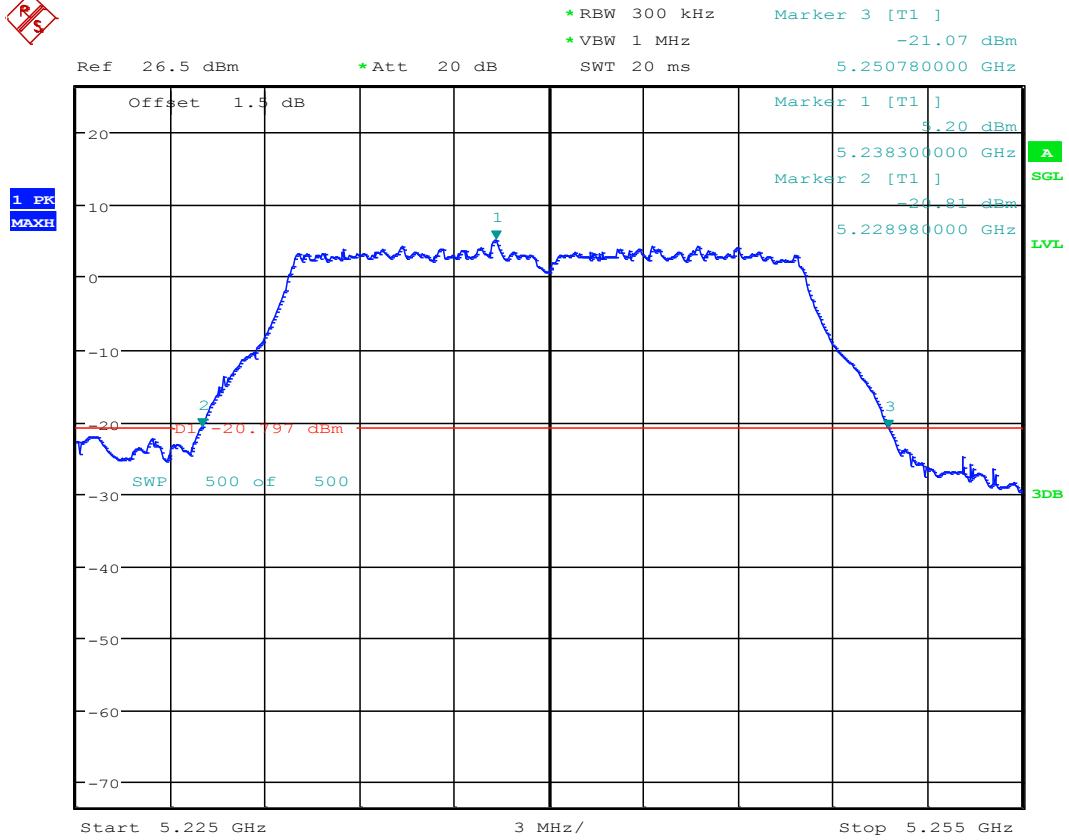
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -18.31 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.250840000 GHz



Date: 8.APR.2018 12:08:02



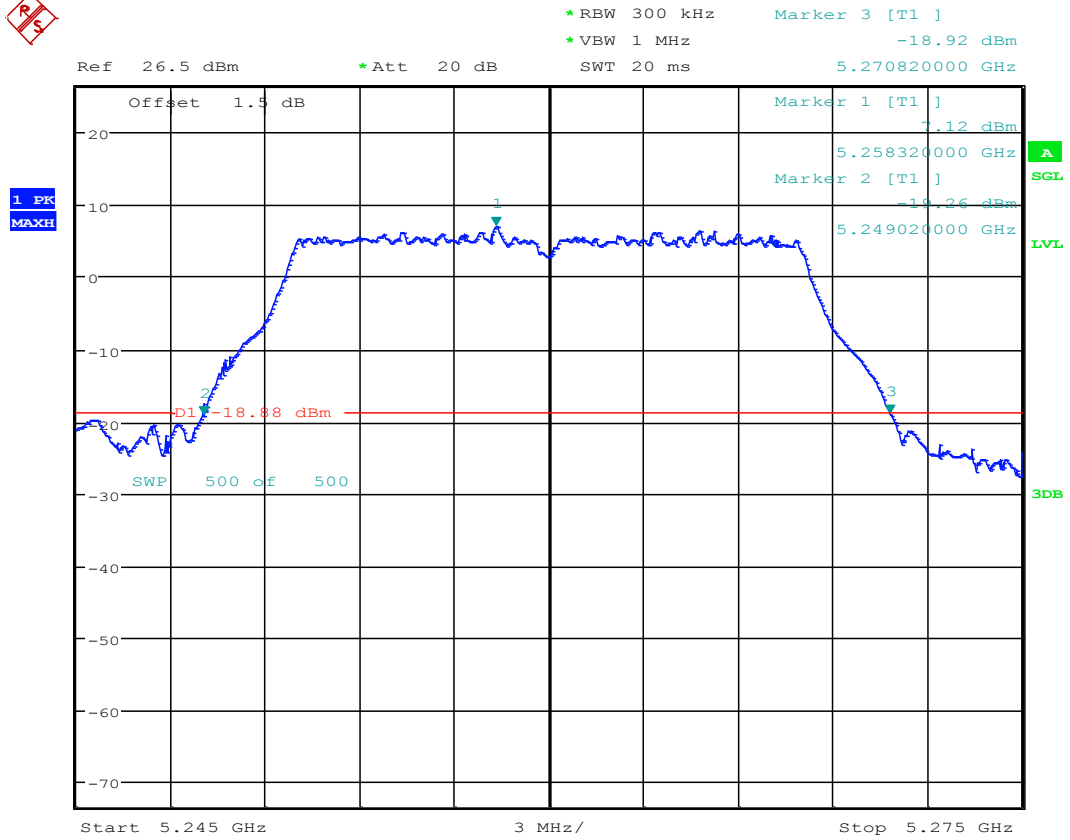
### 3.4 11A20\_48 ANT 2



Date: 29.MAR.2018 12:17:00



### 3.5 11A20\_52 ANT 1



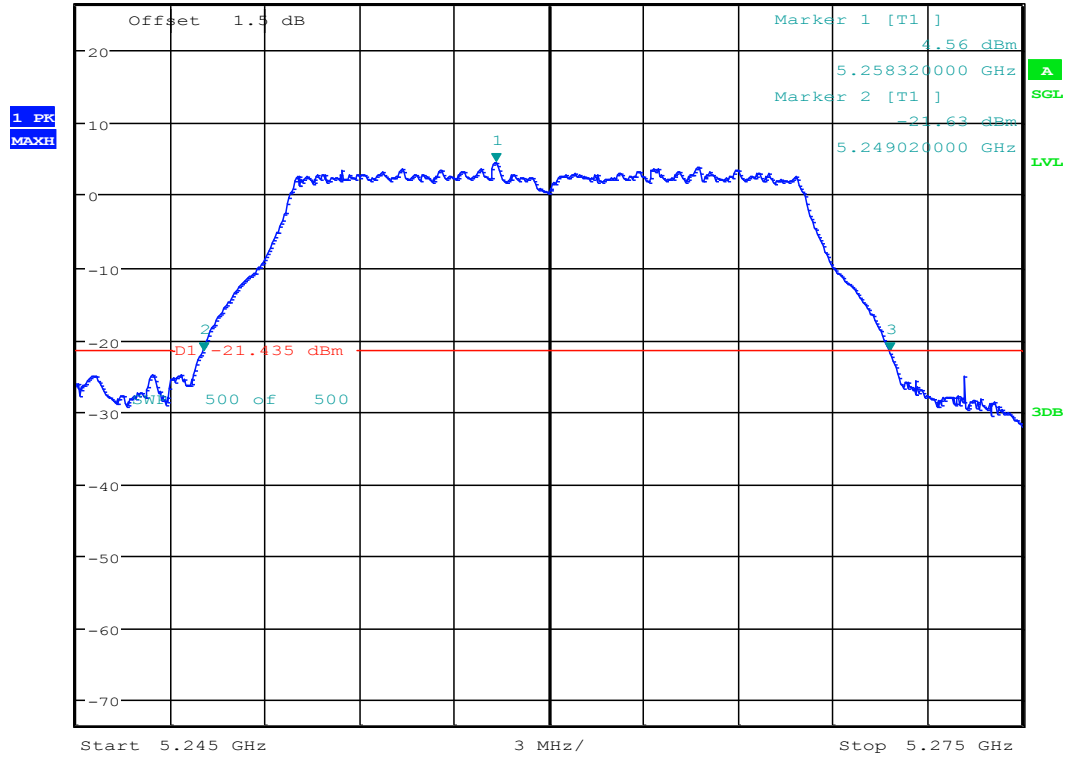
Date: 28.MAR.2018 13:06:45



### 3.6 11A20\_52 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.73 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.270820000 GHz



Date: 29.MAR.2018 12:19:58

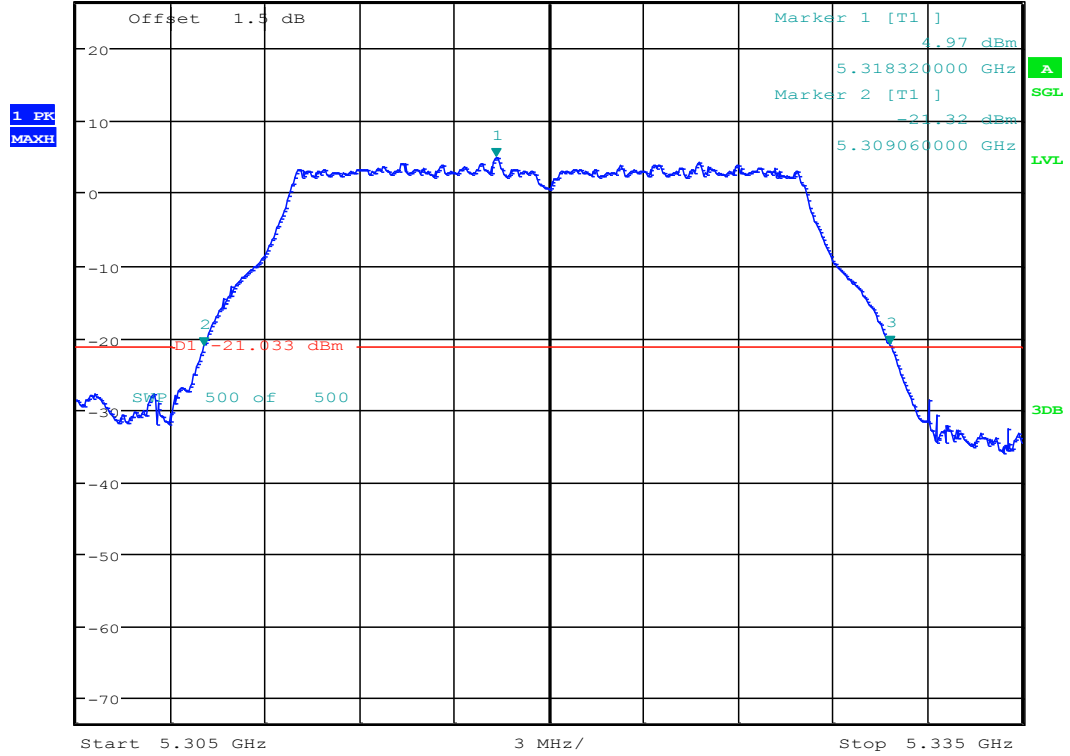


### 3.7 11A20\_64 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.04 dBm  
 SWT 20 ms      5.330820000 GHz

Ref 26.5 dBm      \*Att 20 dB



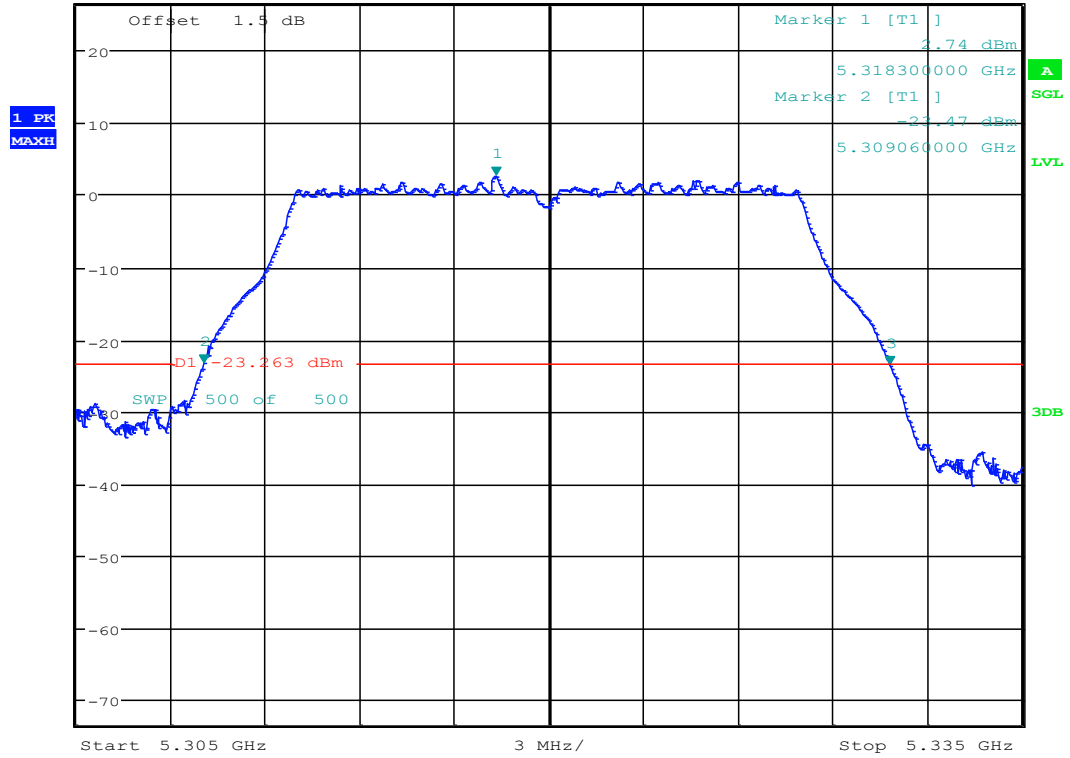
Date: 28.MAR.2018 14:37:29



### 3.8 11A20\_64 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.52 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.330820000 GHz



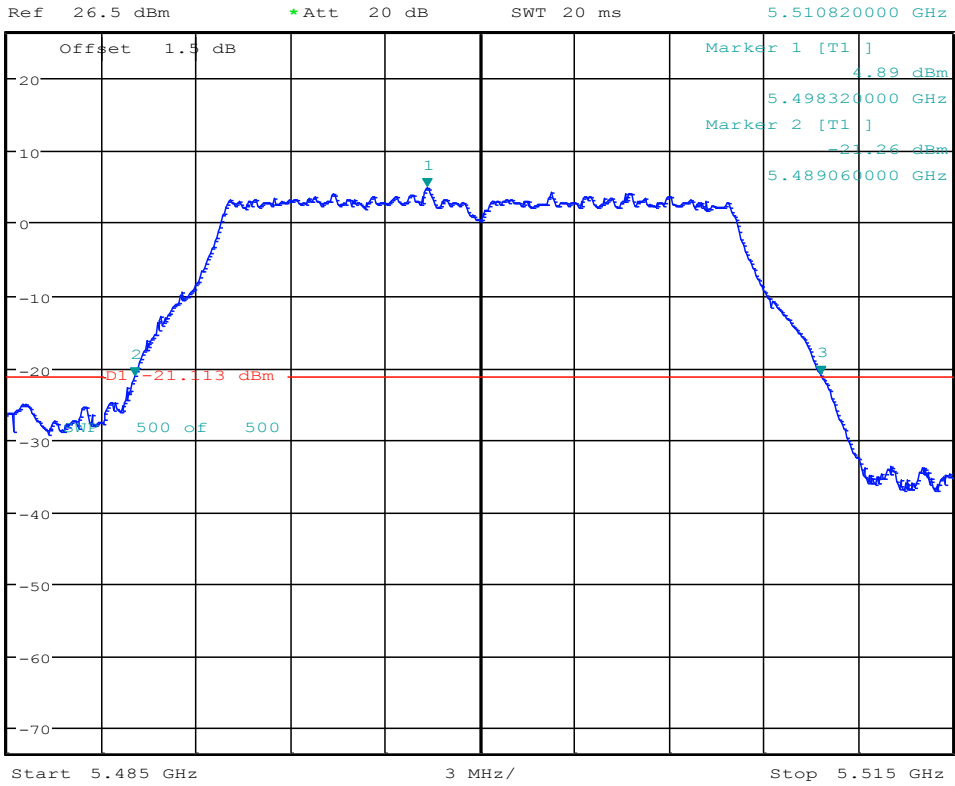
Date: 29.MAR.2018 12:22:28



### 3.9 11A20\_100 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.12 dBm  
 SWT 20 ms      5.510820000 GHz



Date: 28.MAR.2018 14:40:48

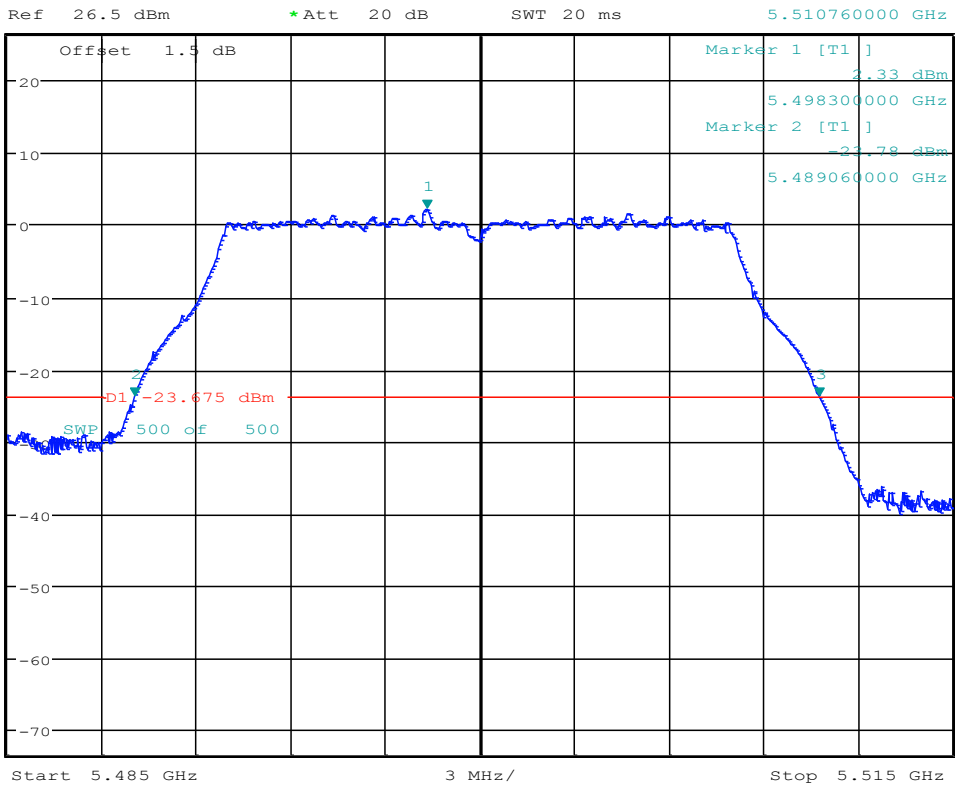




### 3.10 11A20\_100 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.86 dBm  
 SWT 20 ms      5.510760000 GHz



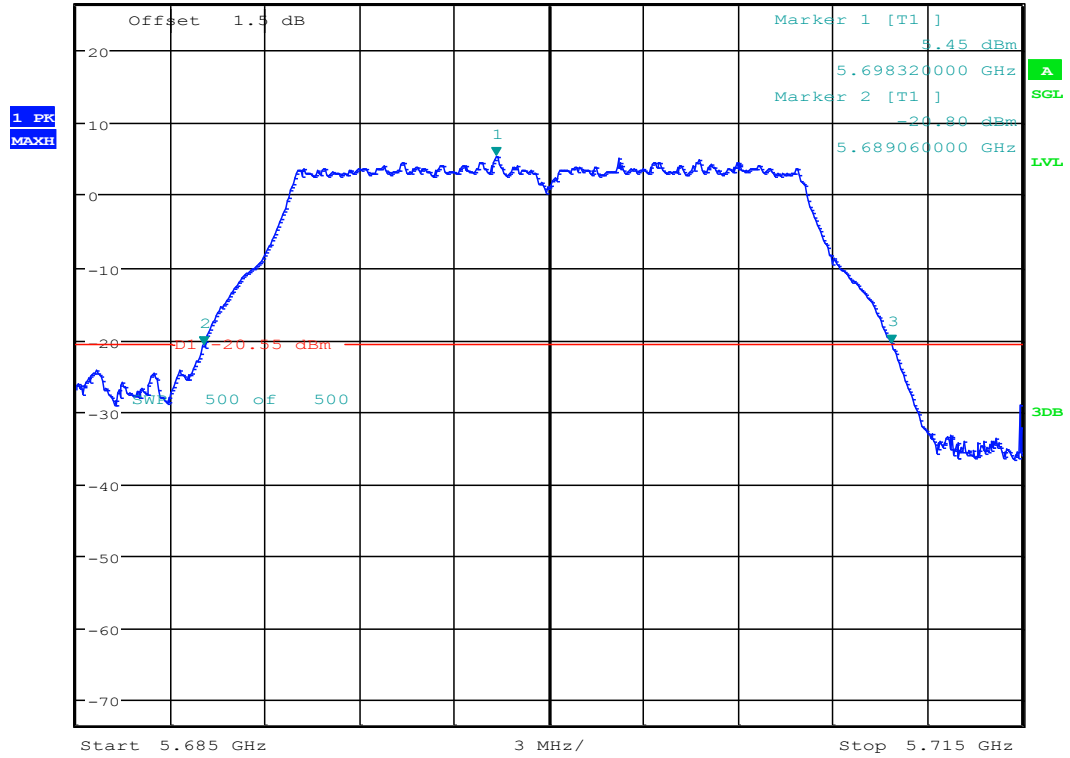
Date: 29.MAR.2018 12:25:58



### 3.11 11A20\_140 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.71 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.710880000 GHz



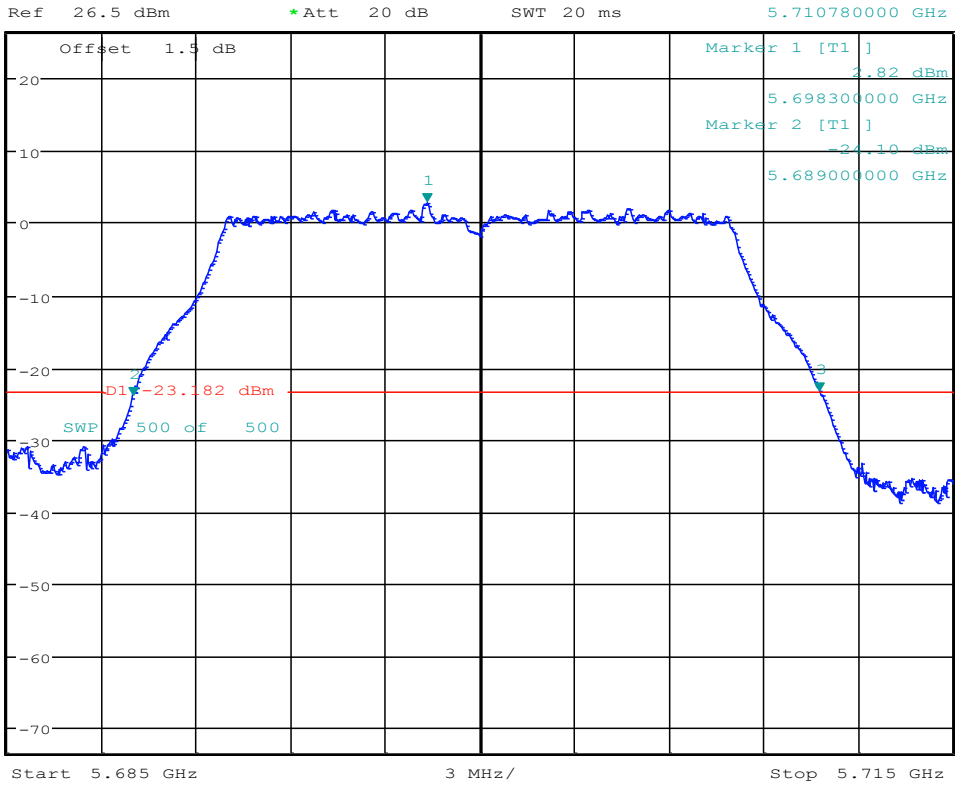
Date: 28.MAR.2018 14:44:15



### 3.12 11A20\_140 ANT 2



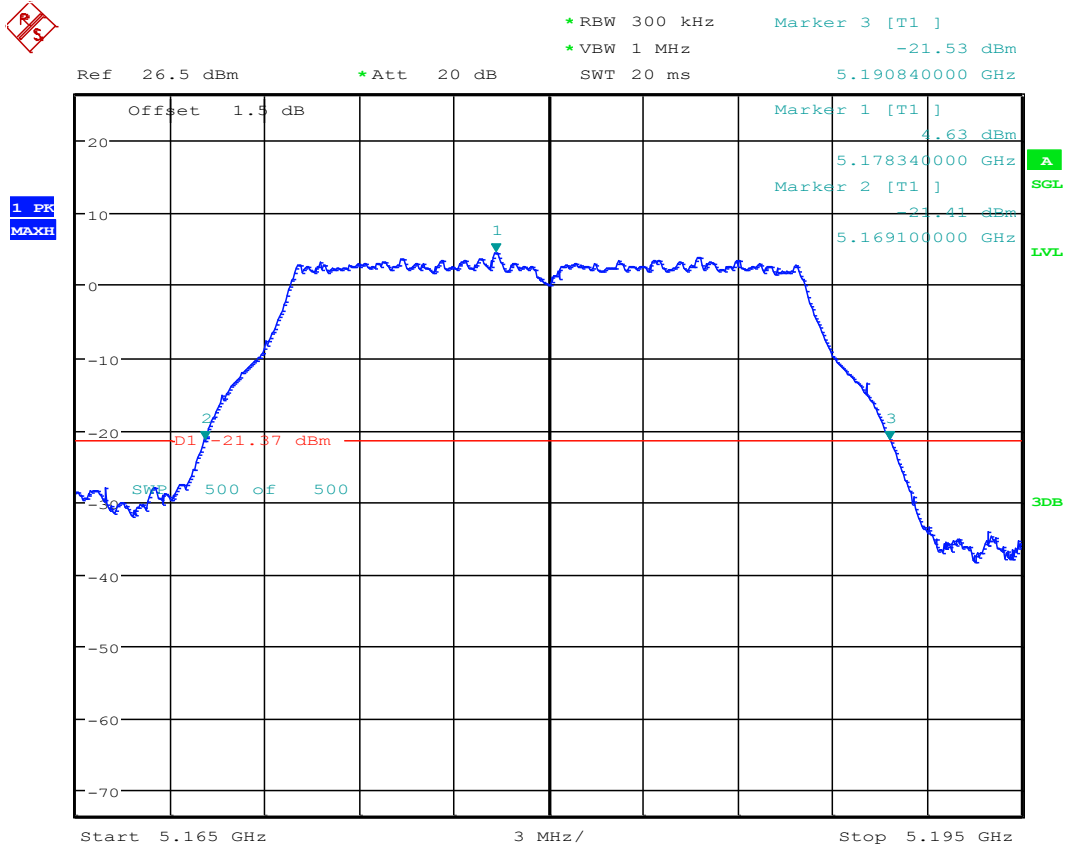
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.45 dBm  
 SWT 20 ms      5.710780000 GHz



Date: 29.MAR.2018 12:28:26



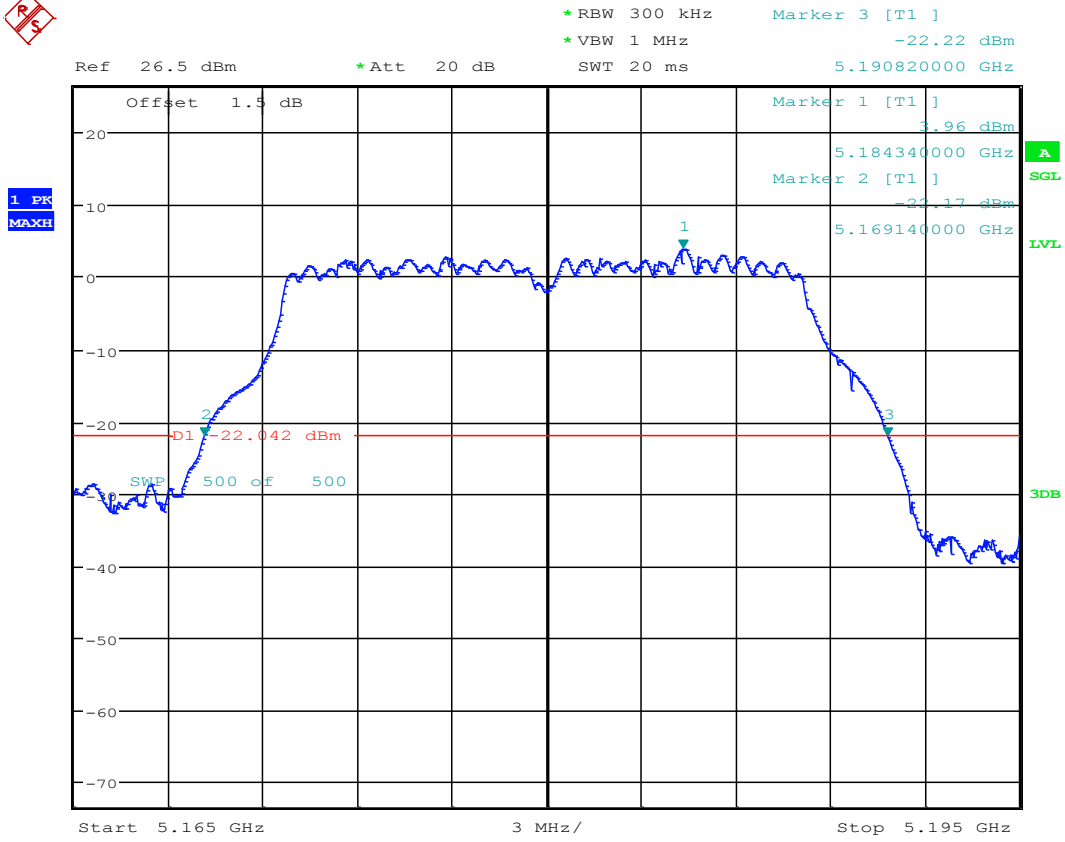
### 3.13 11A20\_CDD\_36 ANT 1



Date: 28.MAR.2018 17:40:28



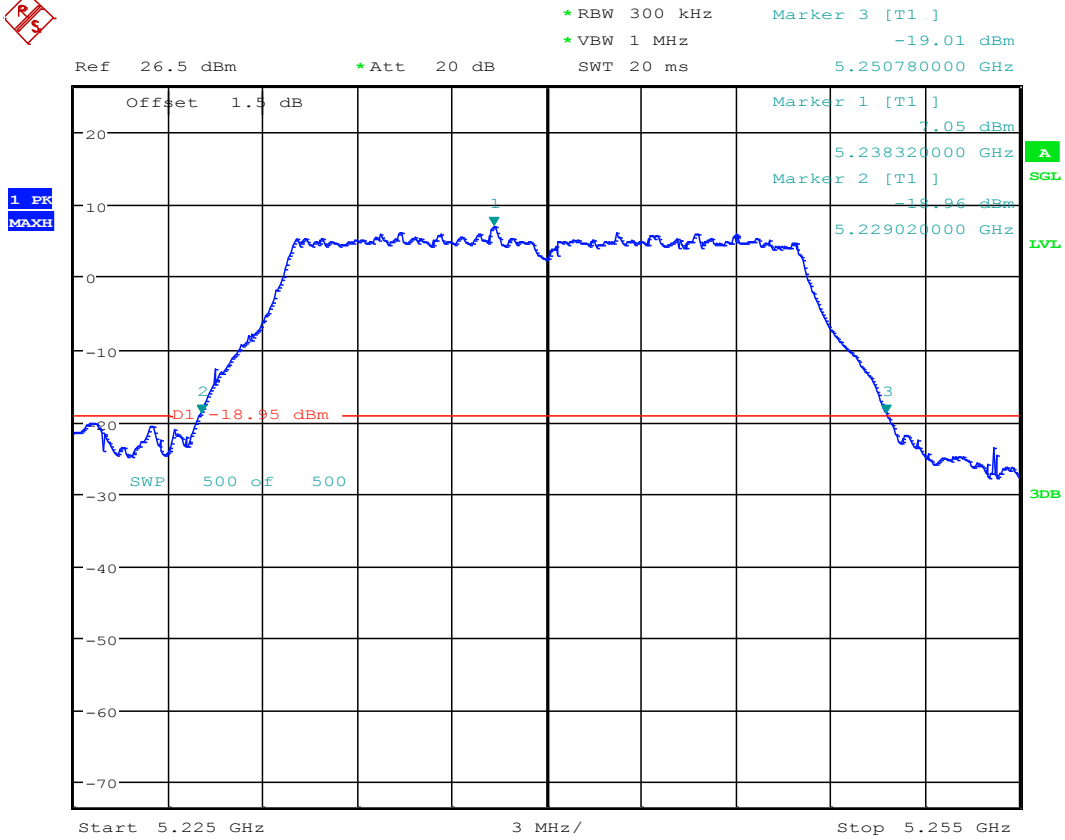
### 3.14 11A20\_CDD\_36 ANT 2



Date: 29.MAR.2018 16:34:44



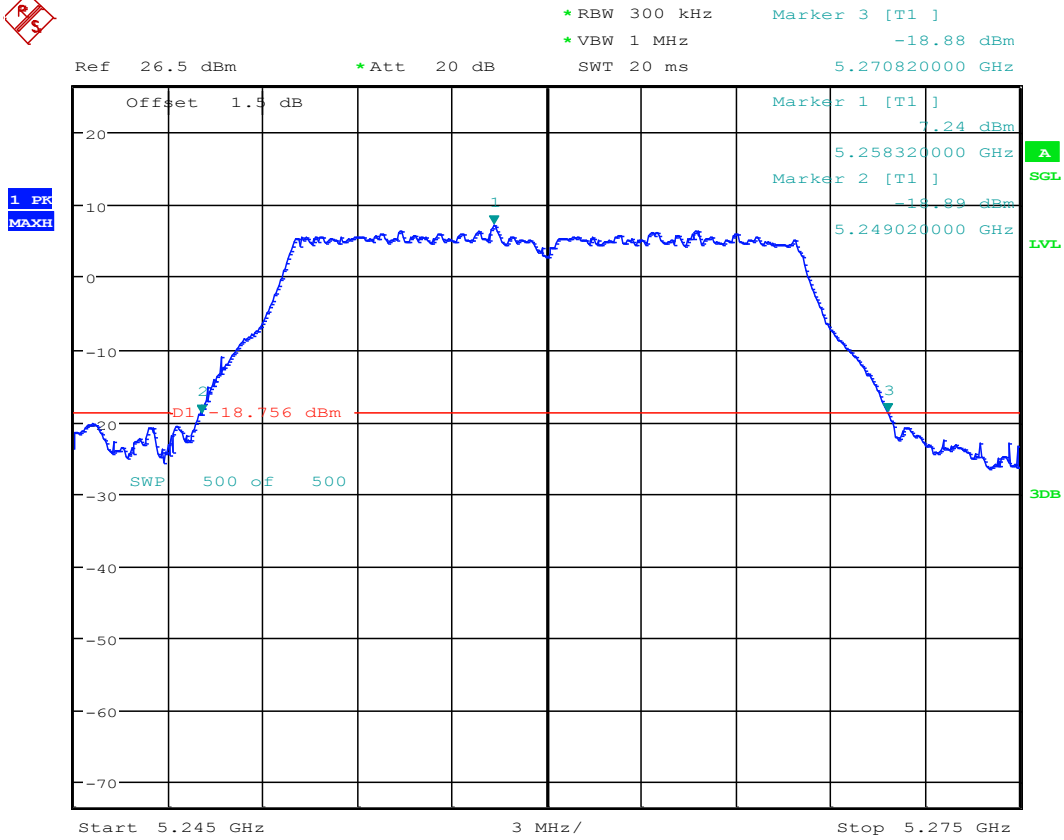
### 3.15 11A20\_CDD\_48 ANT 1



Date: 28.MAR.2018 17:43:17



### 3.17 11A20\_CDD\_52 ANT 1

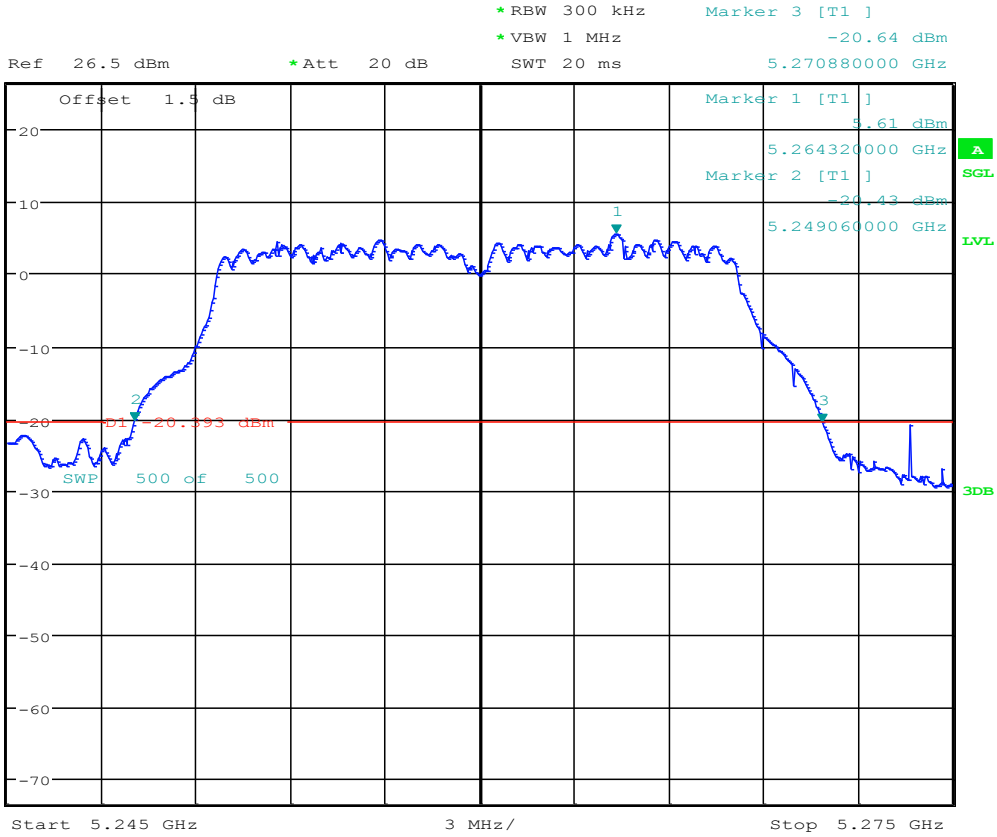


Date: 28.MAR.2018 17:46:00





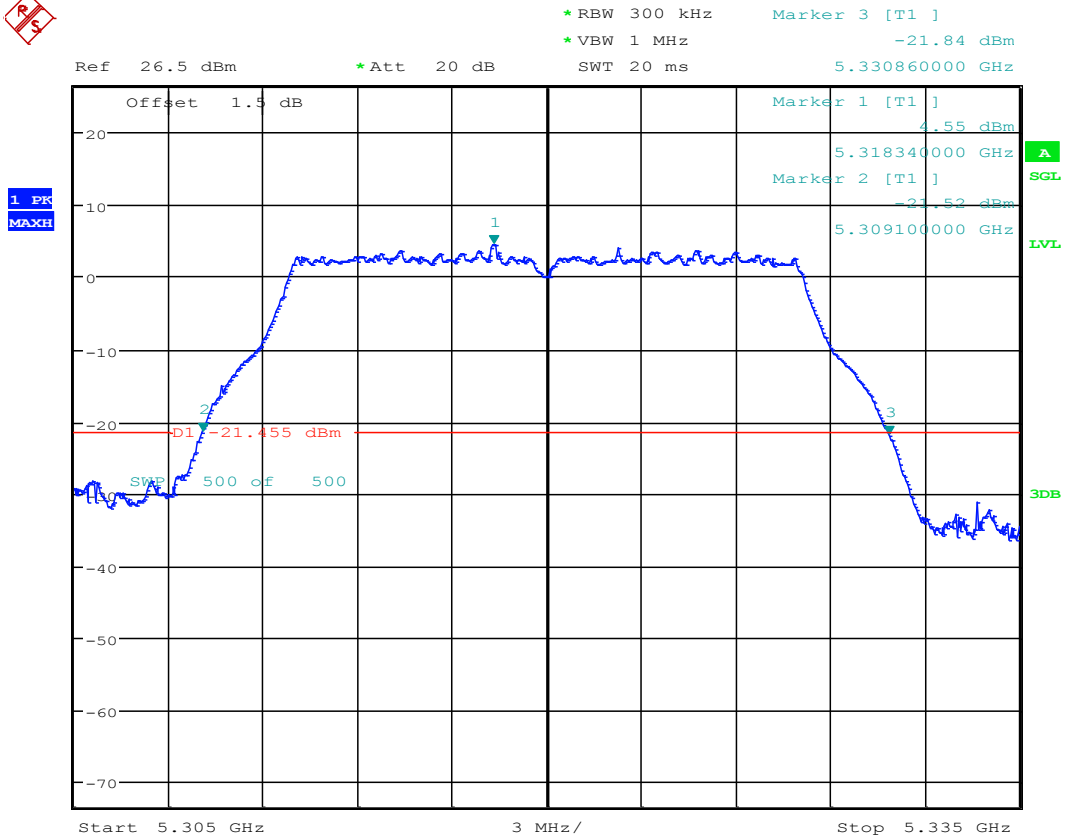
### 3.18 11A20\_CDD\_52 ANT 2



Date: 29.MAR.2018 16:50:37



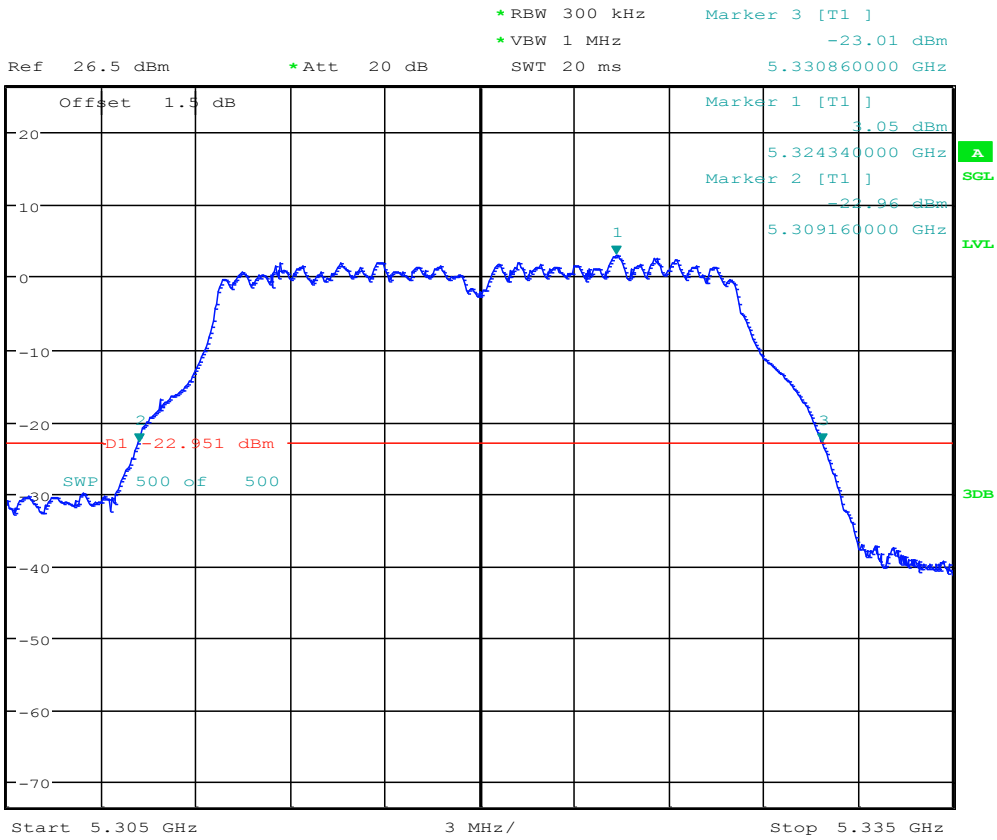
### 3.19 11A20\_CDD\_64 ANT 1



Date: 28.MAR.2018 17:48:35



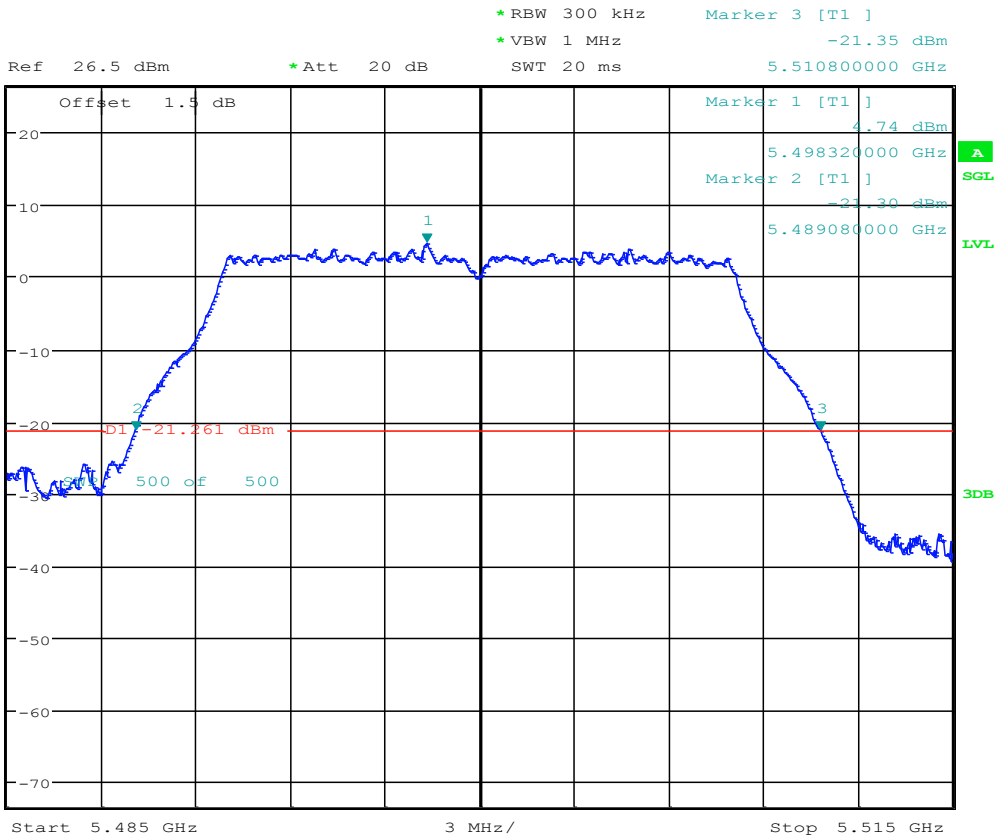
### 3.20 11A20\_CDD\_64 ANT 2



Date: 29.MAR.2018 16:53:40



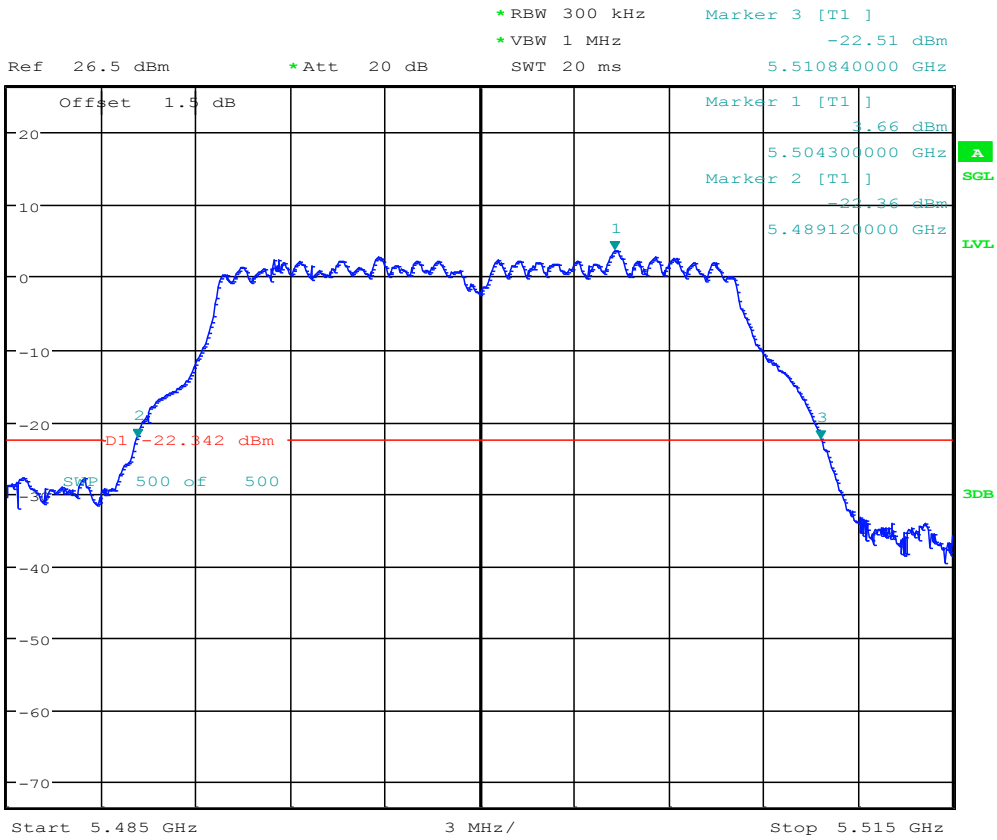
### 3.21 11A20\_CDD\_100 ANT 1



Date: 28.MAR.2018 17:51:14



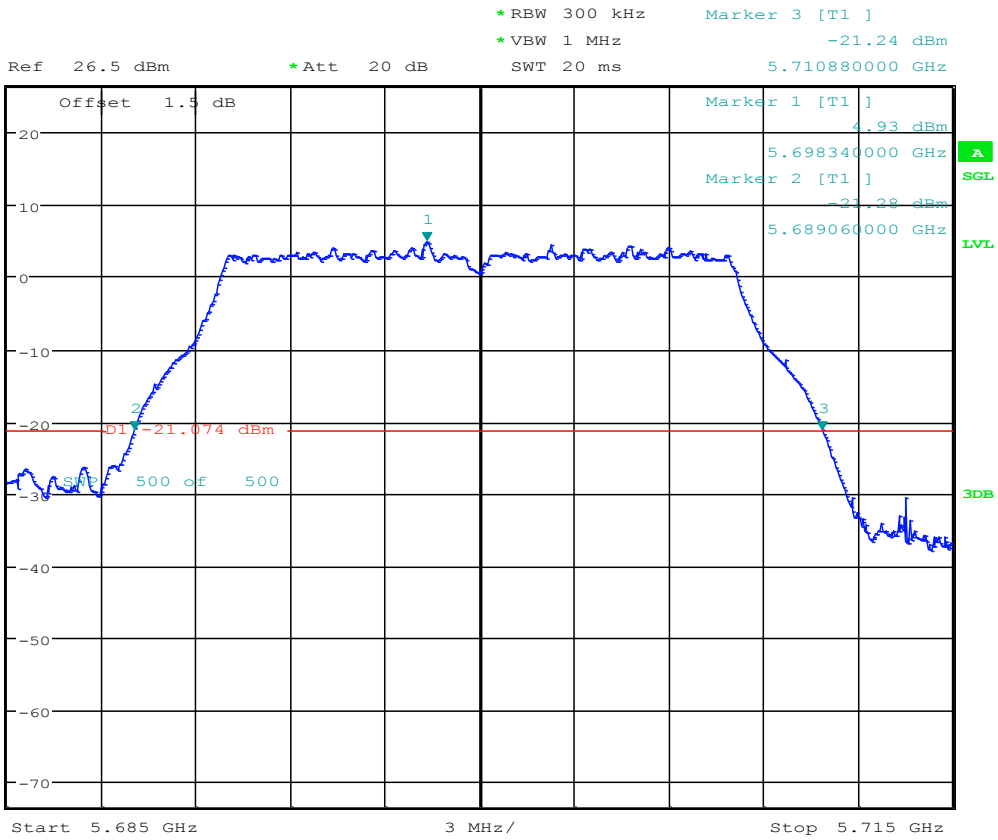
### 3.22 11A20\_CDD\_100 ANT 2



Date: 29.MAR.2018 16:56:29



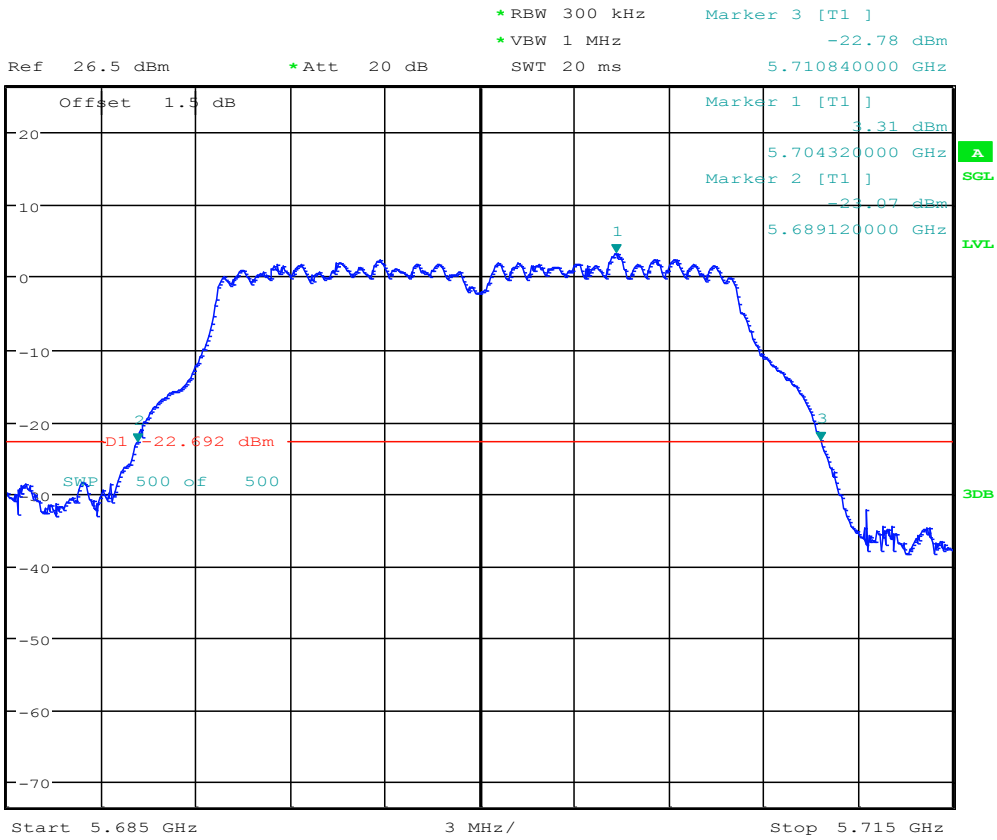
### 3.23 11A20\_CDD\_140 ANT 1



Date: 28.MAR.2018 17:54:04



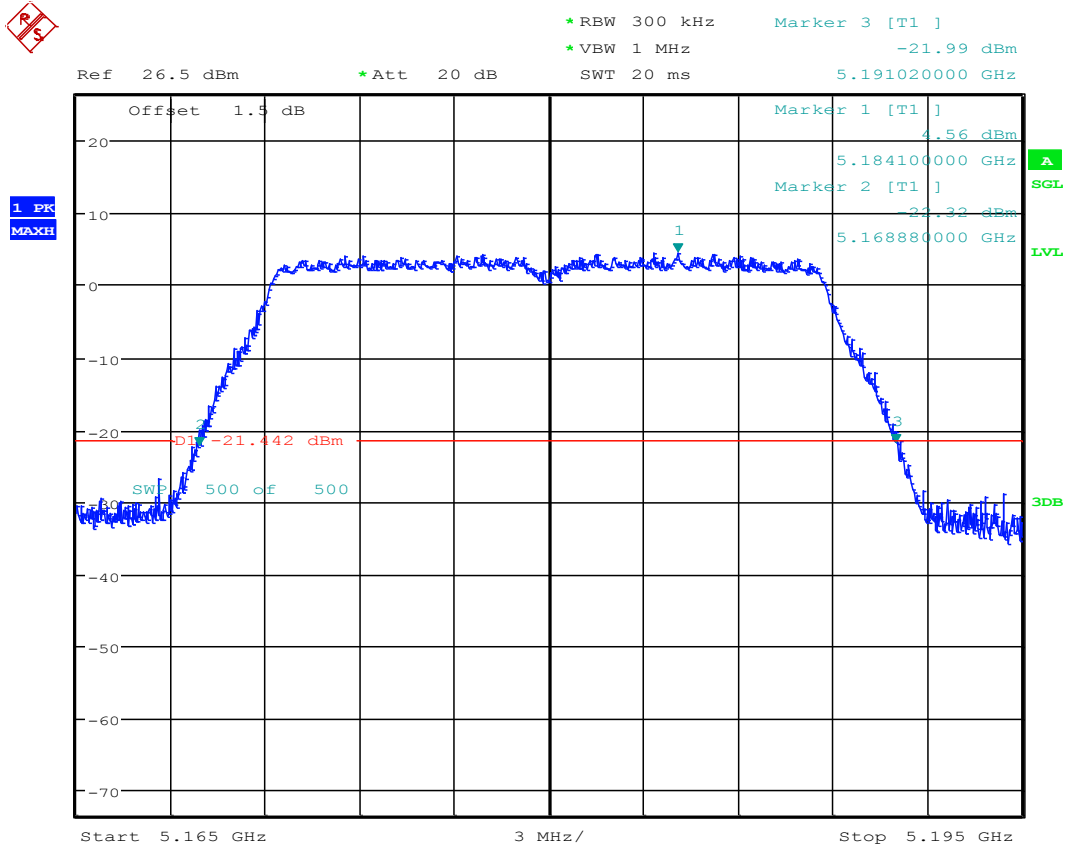
### 3.24 11A20\_CDD\_140 ANT 2



Date: 29.MAR.2018 16:58:59



### 3.25 11N20\_36 ANT 1



Date: 28.MAR.2018 15:05:33

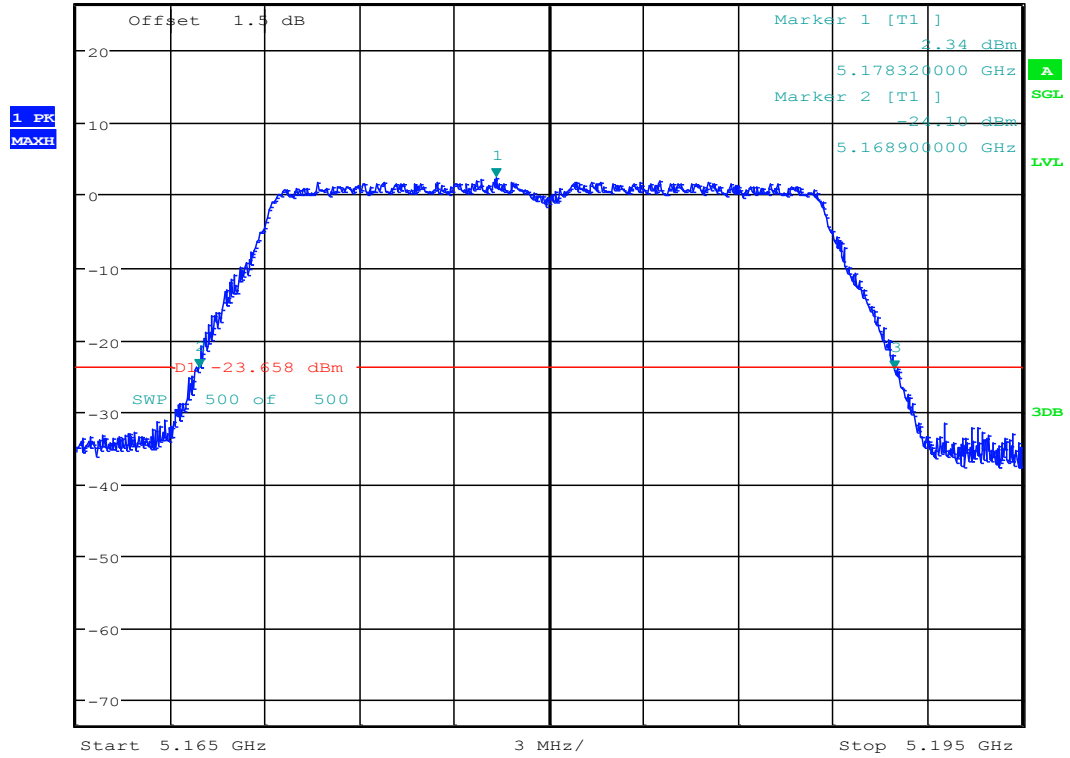




### 3.26 11N20\_36 ANT 2



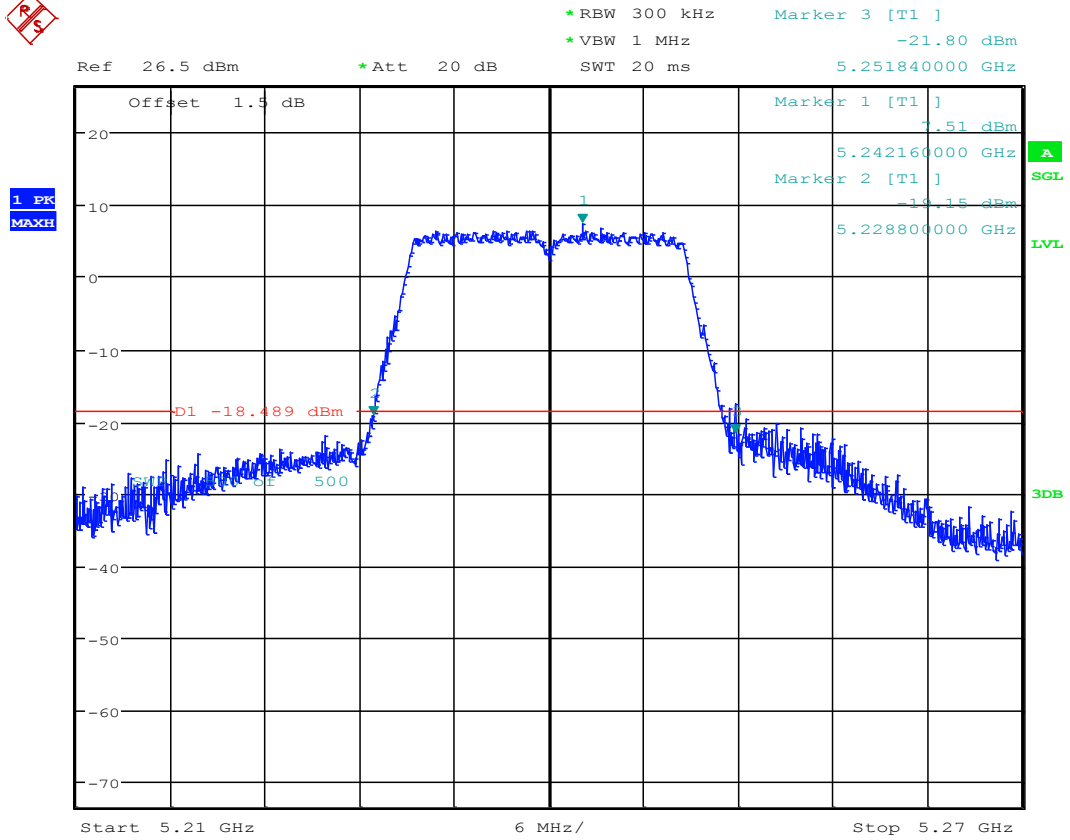
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -24.16 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.190960000 GHz



Date: 29.MAR.2018 12:42:25



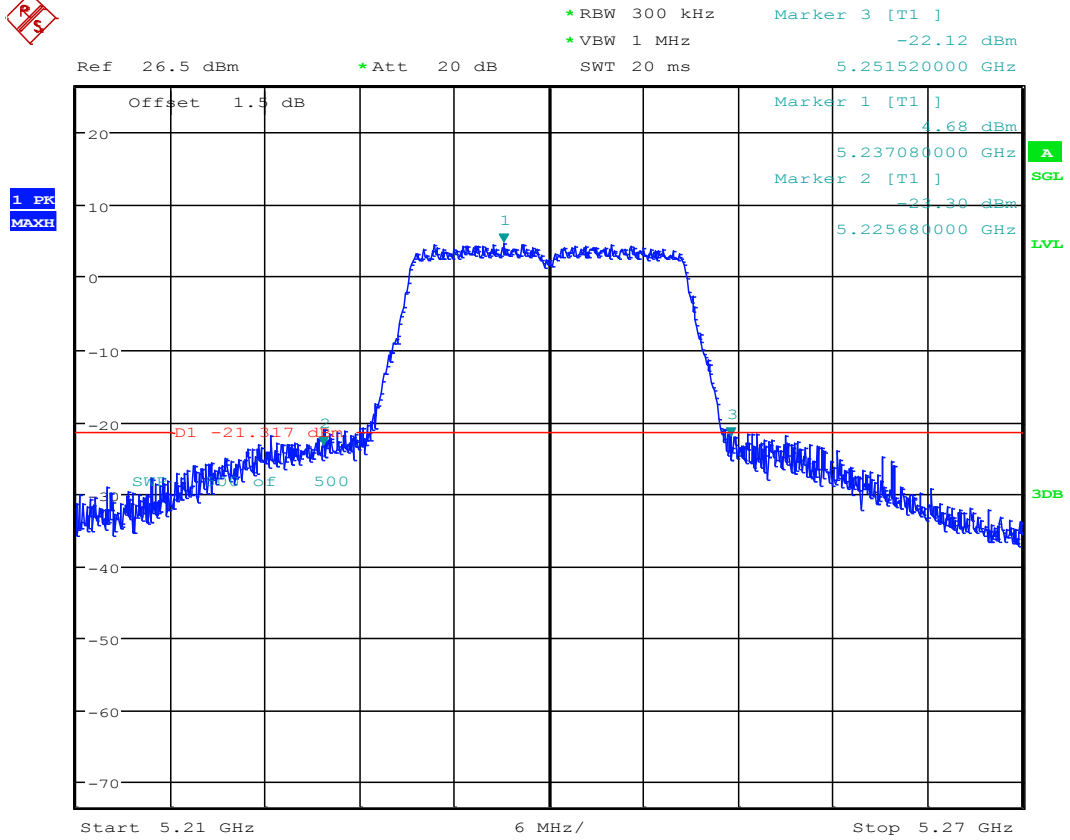
### 3.27 11N20\_48 ANT 1



Date: 8.APR.2018 12:10:33

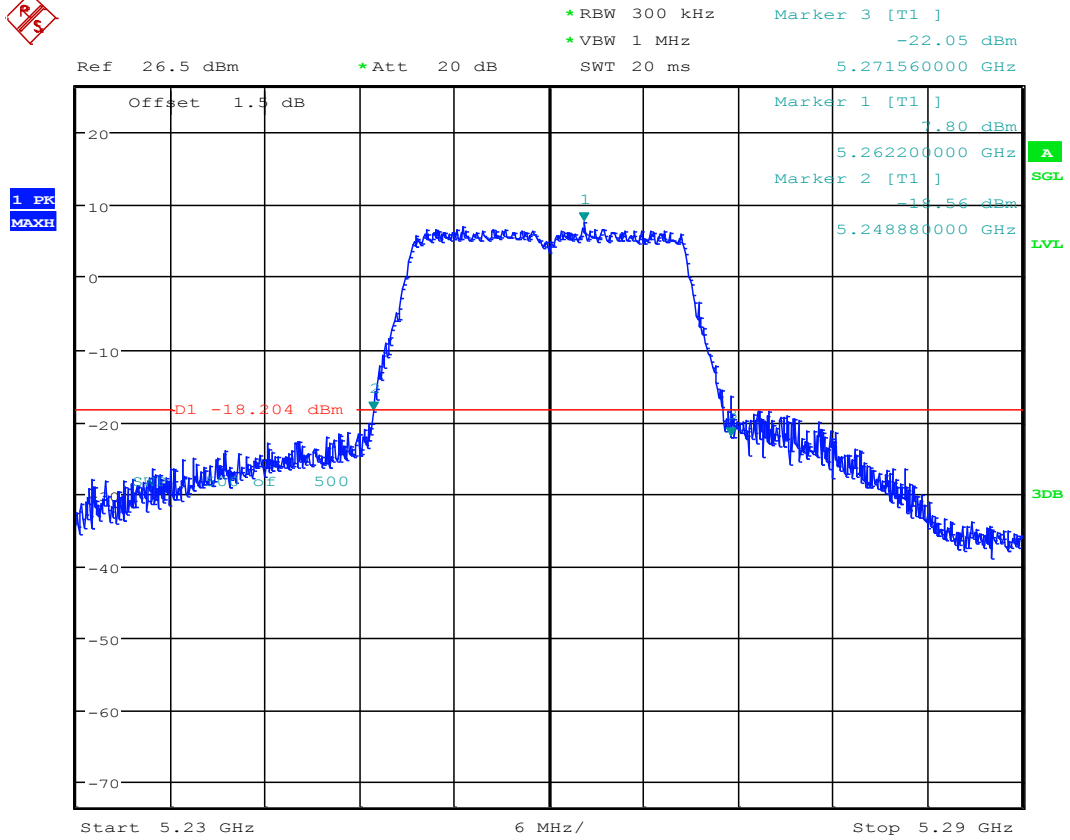


### 3.28 11N20\_48 ANT 2



Date: 8.APR.2018 12:48:00

### 3.29 11N20\_52 ANT 1



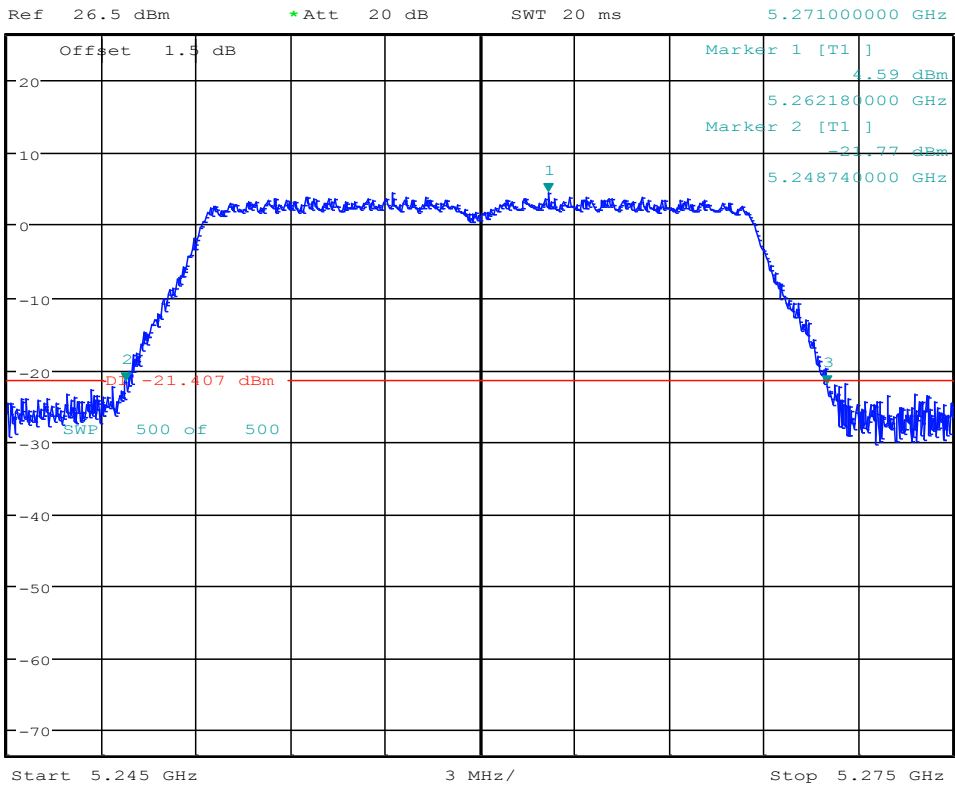
Date: 8.APR.2018 12:14:10



### 3.30 11N20\_52 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.14 dBm  
 SWT 20 ms      5.271000000 GHz



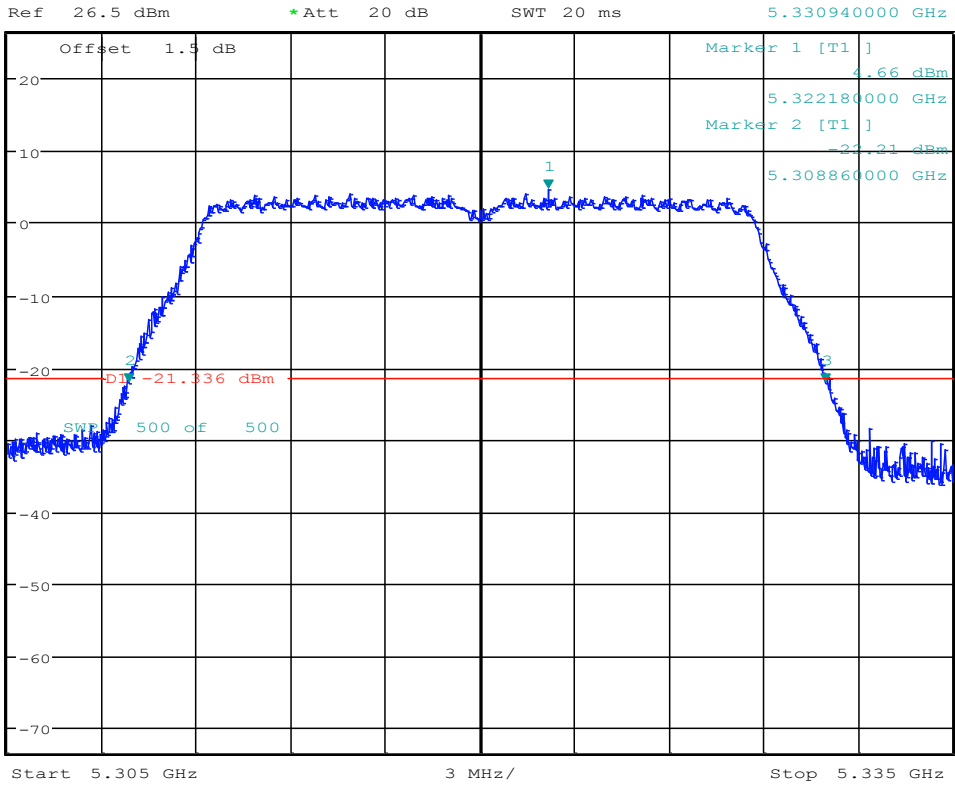
Date: 29.MAR.2018 12:47:59



### 3.31 11N20\_64 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.07 dBm  
 SWT 20 ms      5.330940000 GHz



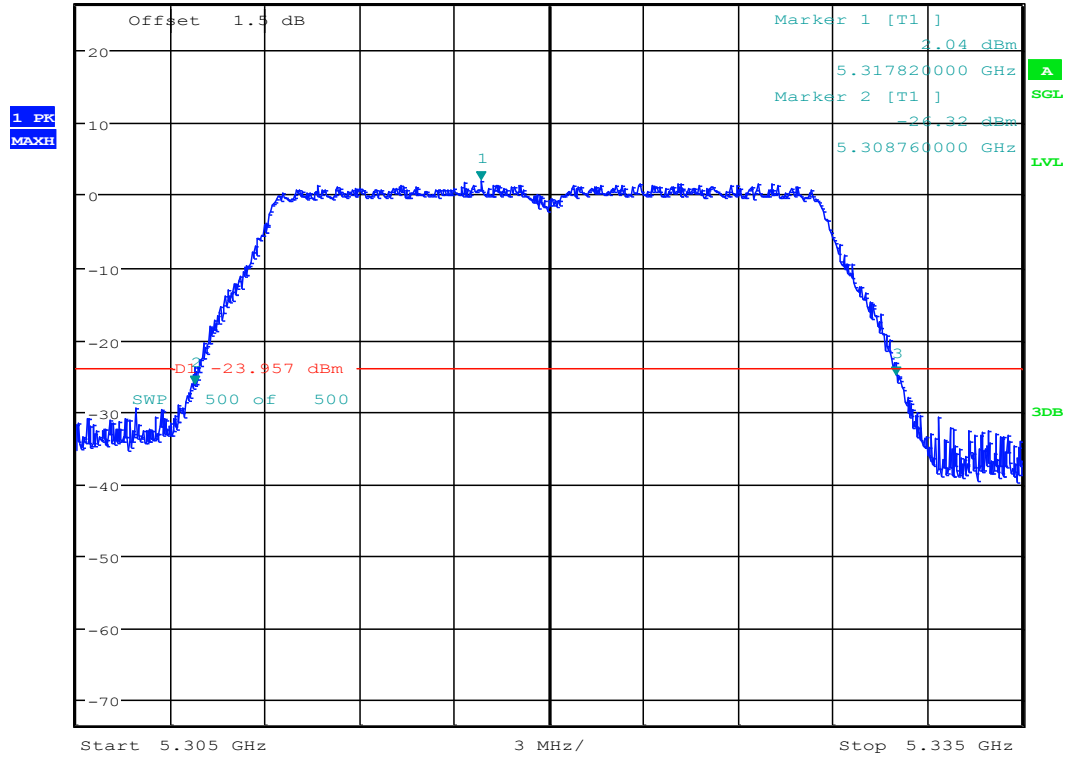
Date: 28.MAR.2018 15:18:48



### 3.32 11N20\_64 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -25.03 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.331020000 GHz



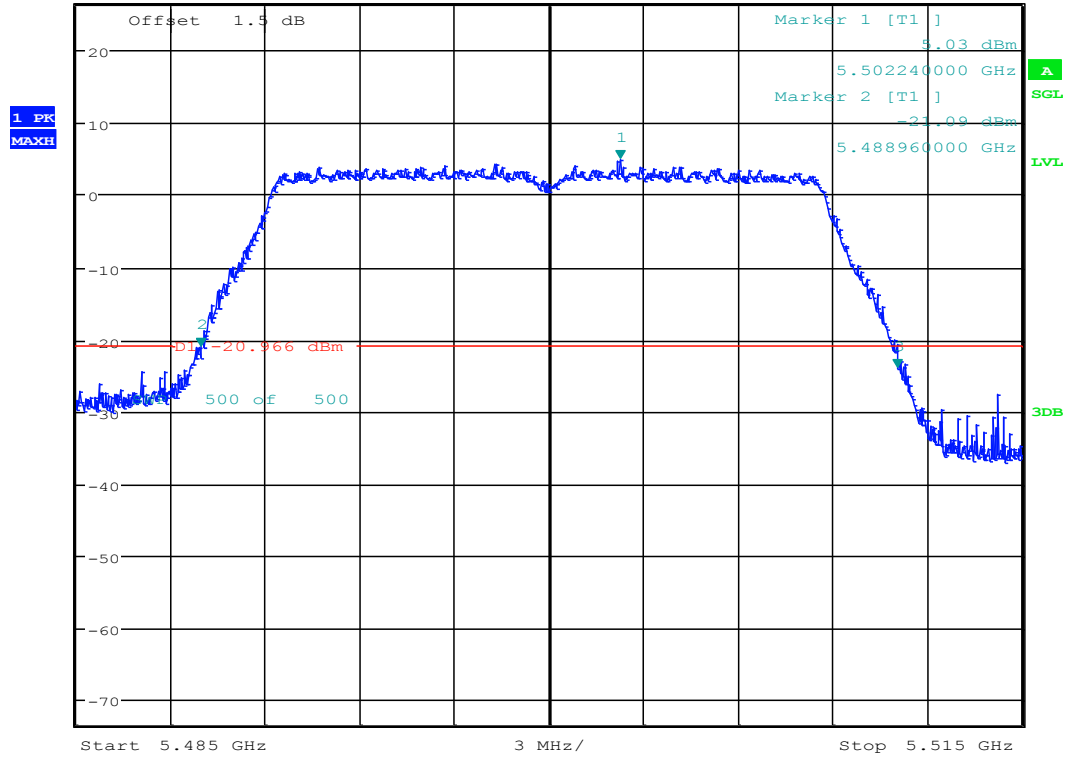
Date: 29.MAR.2018 12:50:28



### 3.33 11N20\_100 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.93 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.511060000 GHz

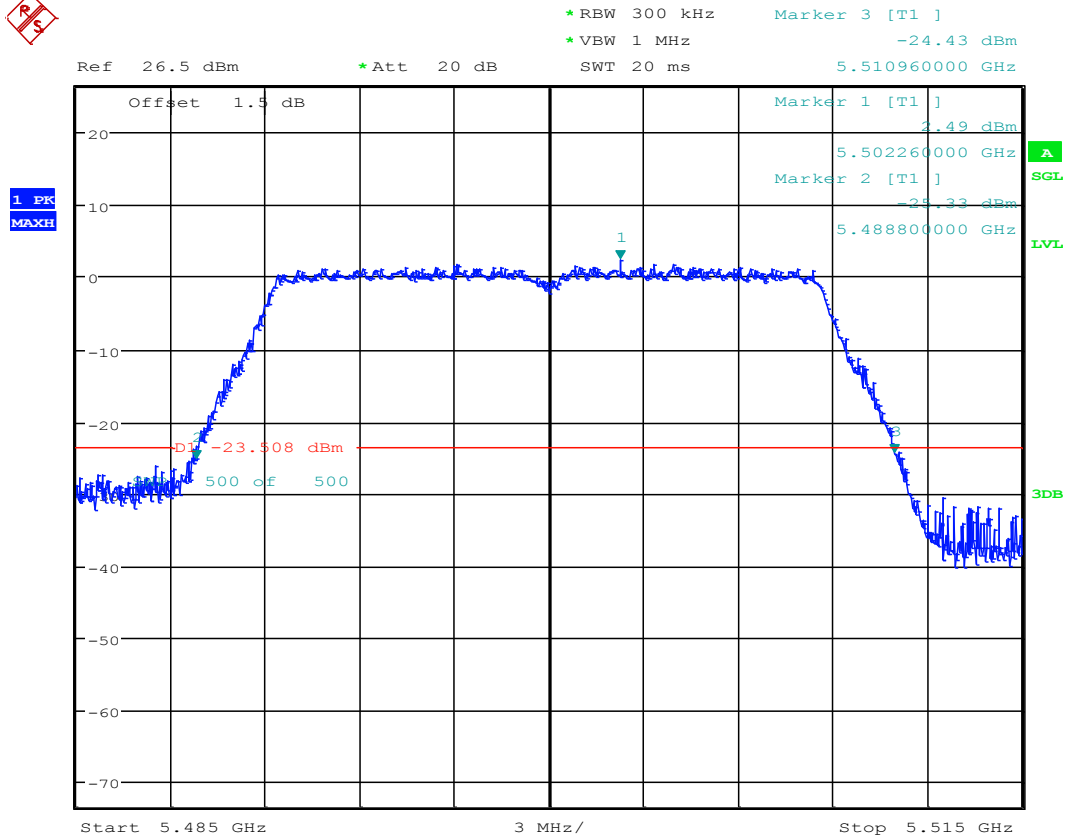


Date: 28.MAR.2018 15:21:50





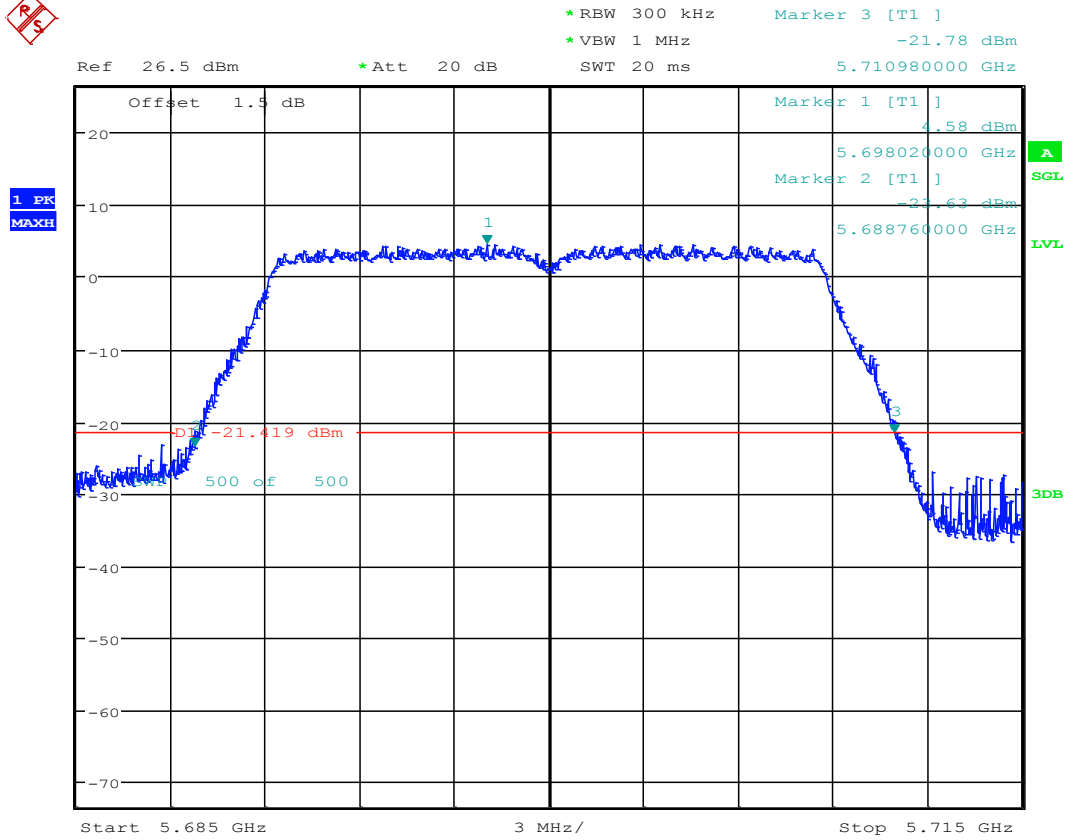
### 3.34 11N20\_100 ANT 2



Date: 29.MAR.2018 12:53:05



### 3.35 11N20\_140 ANT 1



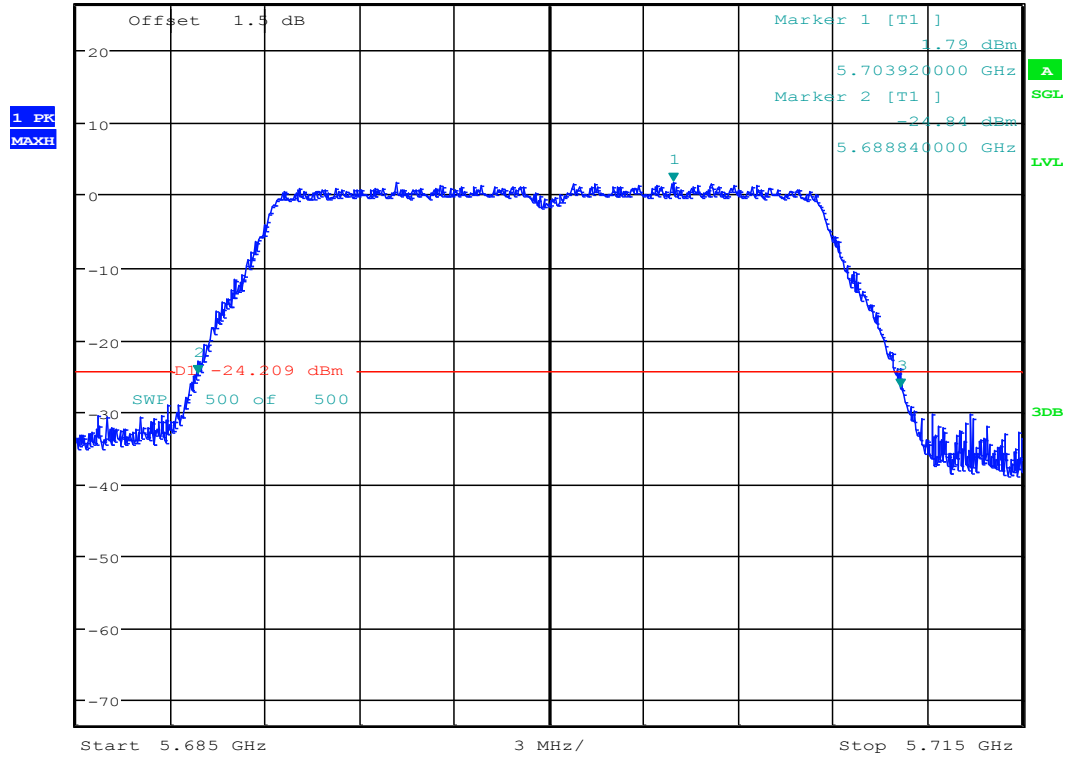
Date: 28.MAR.2018 15:24:19



### 3.36 11N20\_140 ANT 2



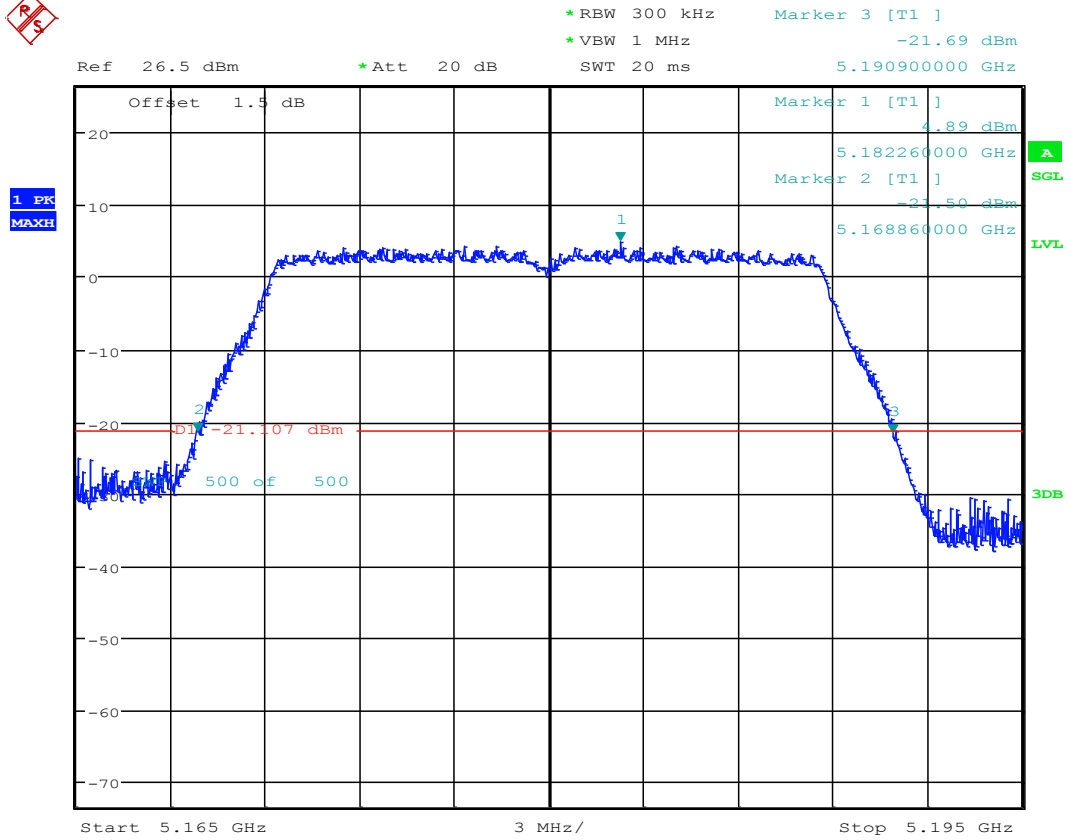
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -26.68 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.711140000 GHz



Date: 29.MAR.2018 12:55:41



### 3.37 11N20MIMO\_36 ANT 1



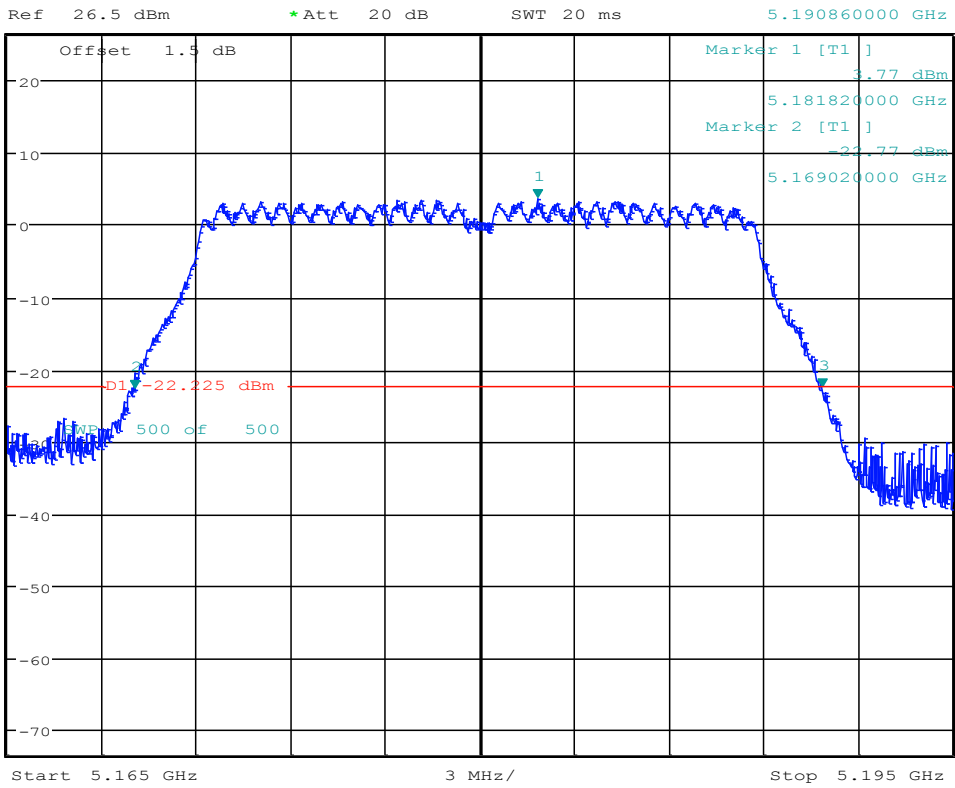
Date: 28.MAR.2018 18:08:14



### 3.38 11N20MIMO\_36 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.57 dBm  
 SWT 20 ms      5.190860000 GHz



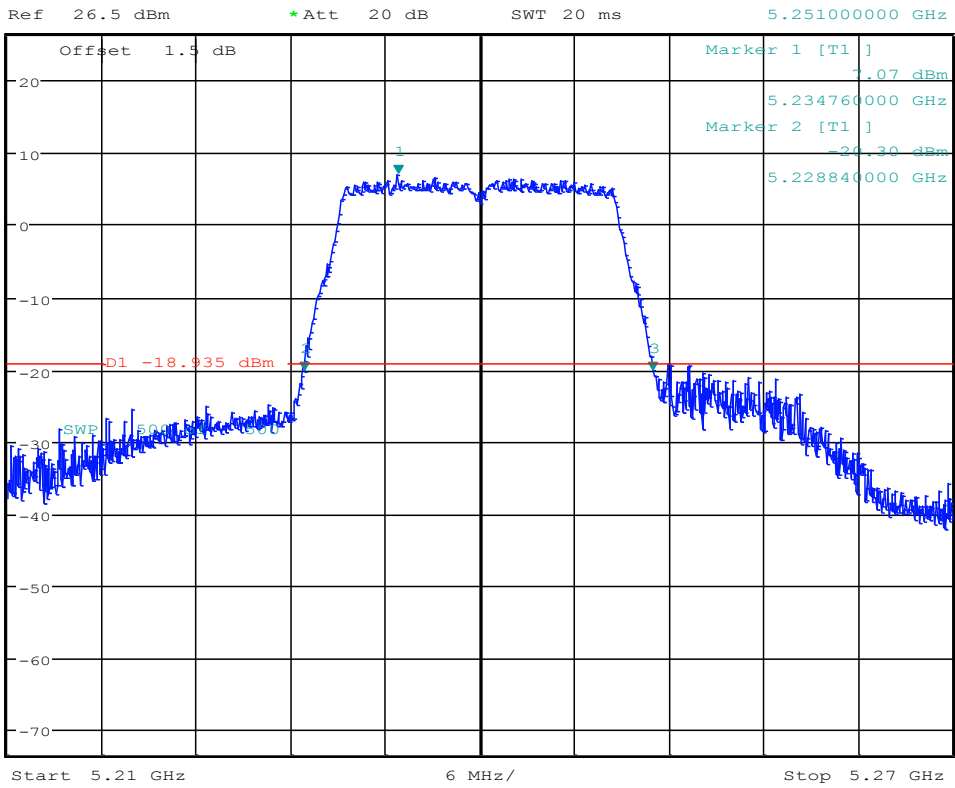
Date: 29.MAR.2018 17:18:17



### 3.39 11N20MIMO\_48 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.27 dBm  
 SWT 20 ms      5.251000000 GHz



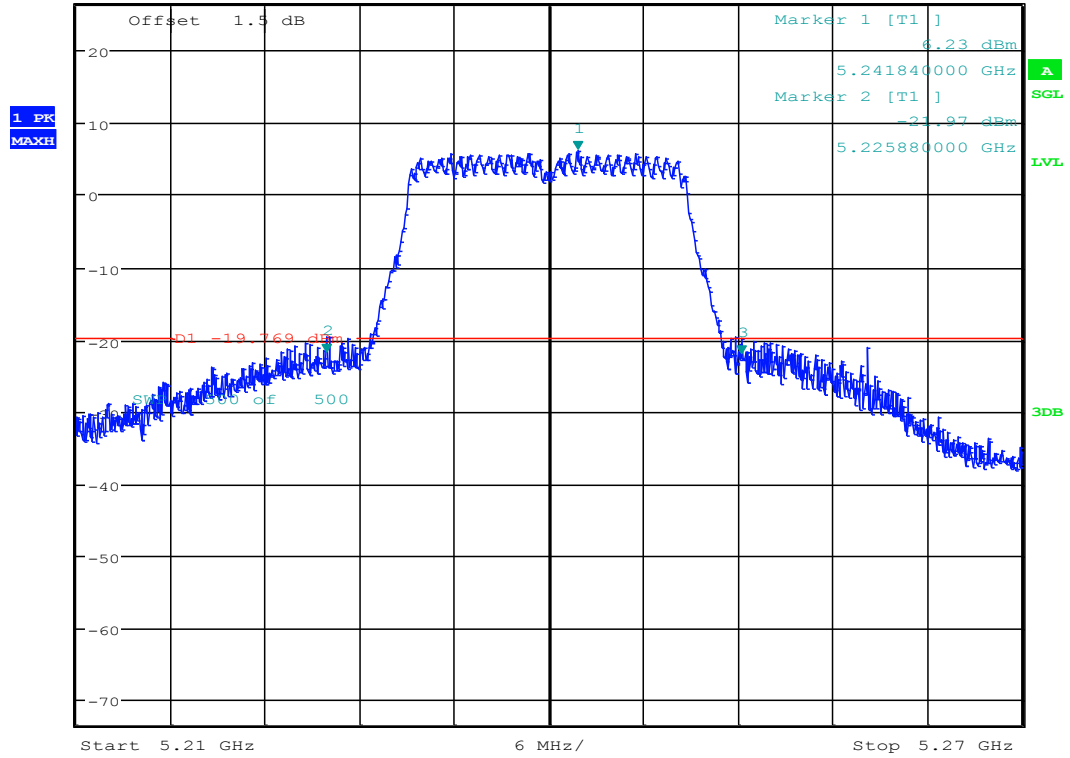
Date: 8.APR.2018 12:27:12



### 3.40 11N20MIMO\_48 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.18 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.252200000 GHz



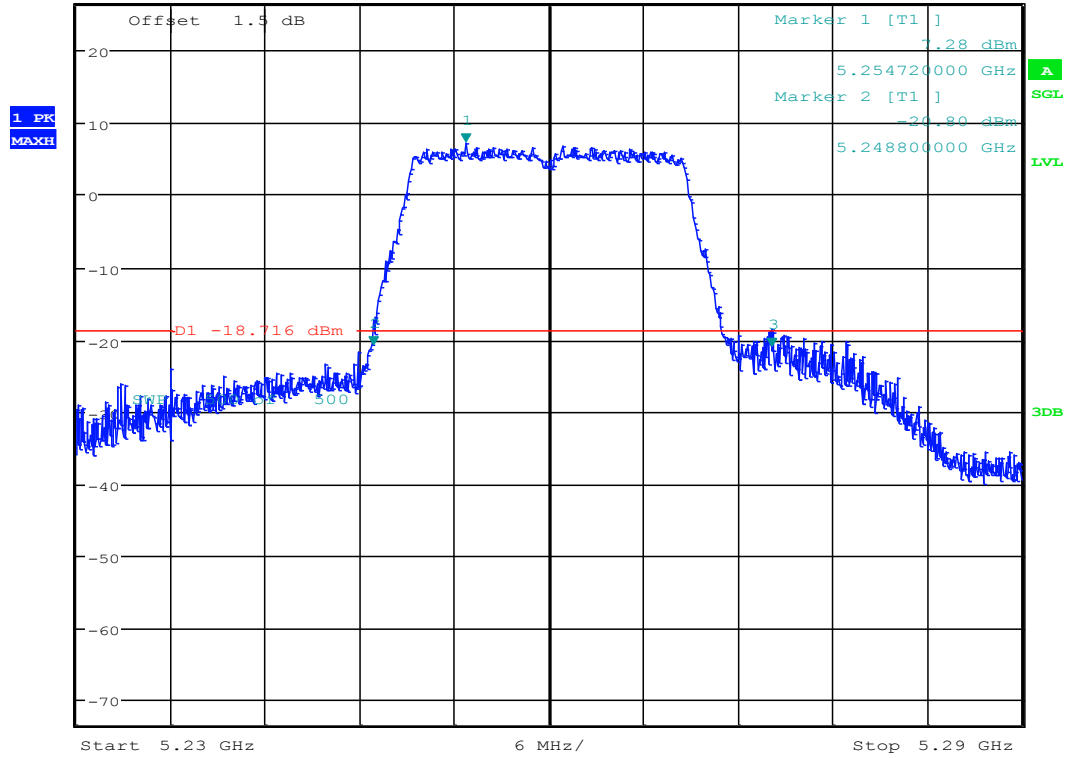
Date: 8.APR.2018 12:43:26



### 3.41 11N20MIMO\_52 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.19 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.274120000 GHz



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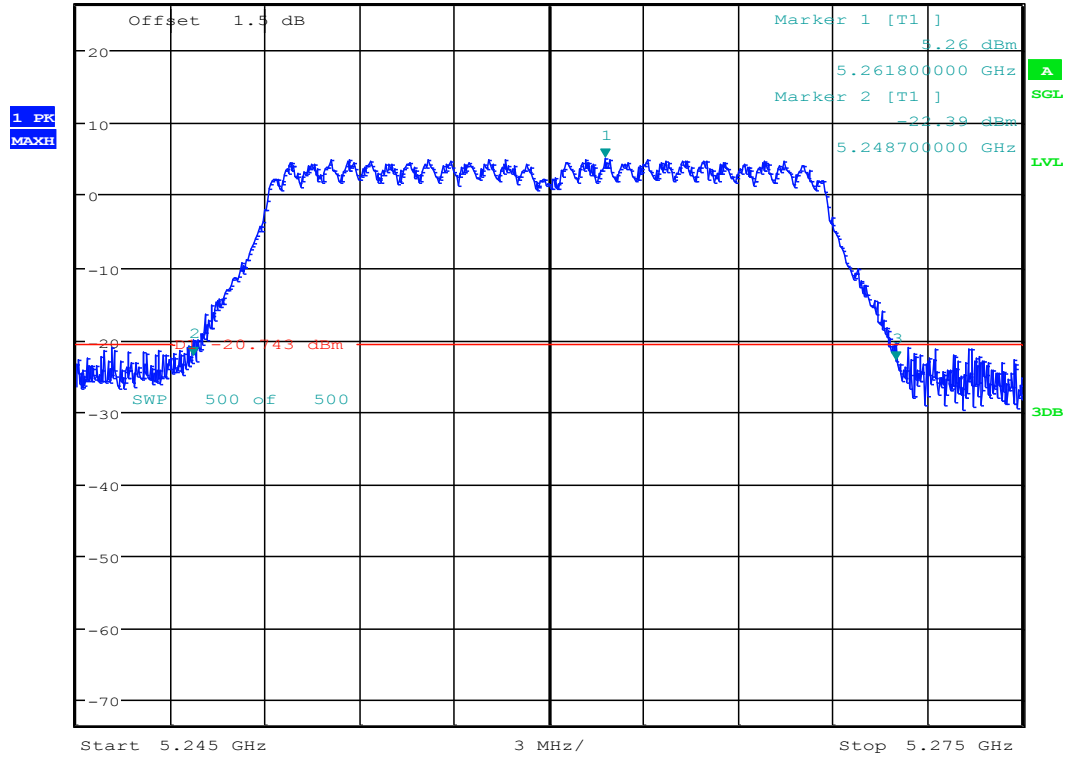




### 3.42 11N20MIMO\_52 ANT 2



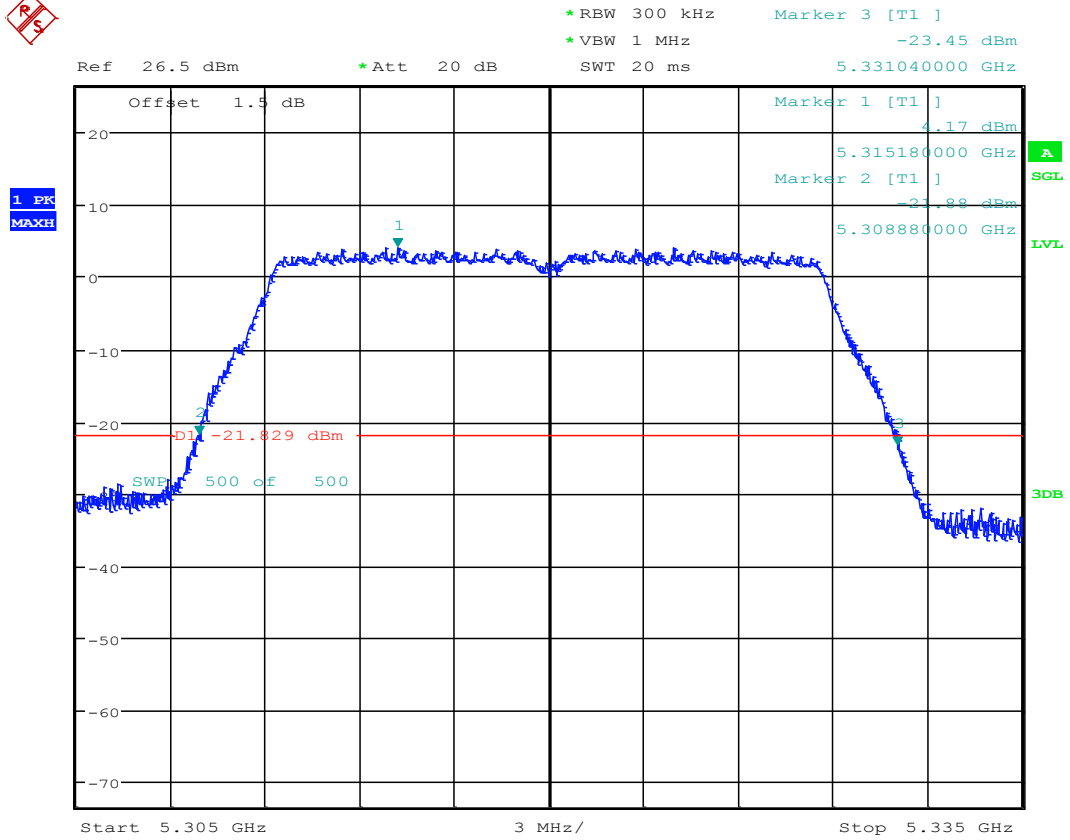
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.98 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.271000000 GHz



Date: 29.MAR.2018 17:30:32



### 3.43 11N20MIMO\_64 ANT 1



Date: 28.MAR.2018 18:15:58

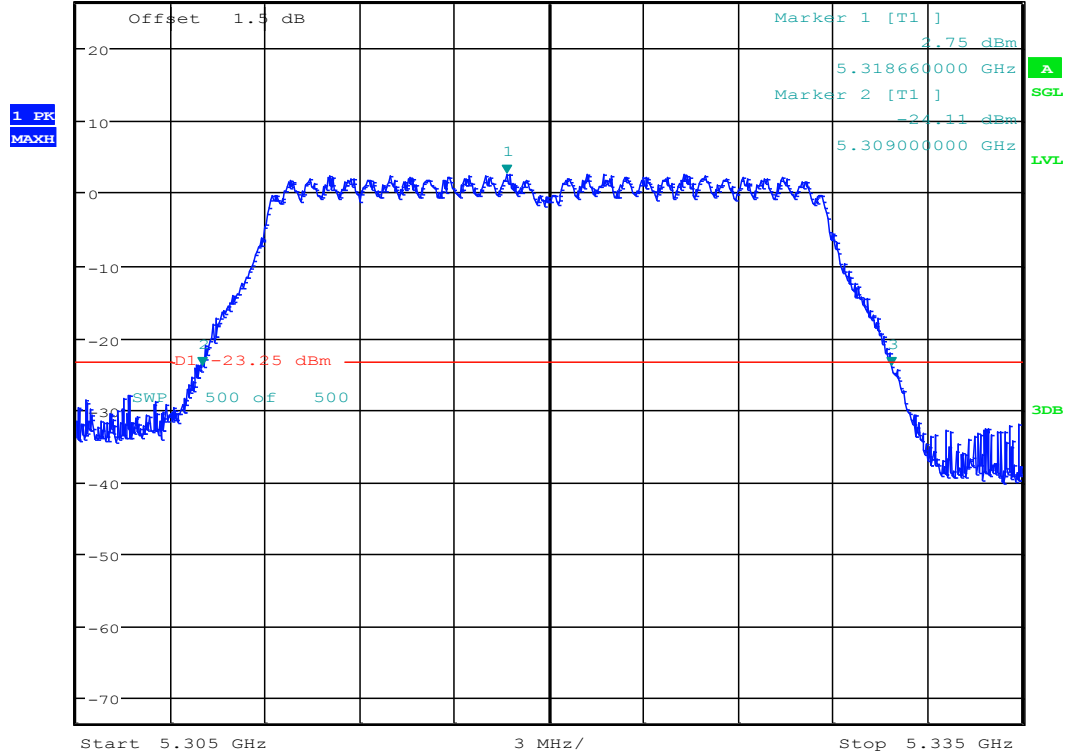


### 3.44 11N20MIMO\_64 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -24.00 dBm  
 SWT 20 ms      5.330860000 GHz

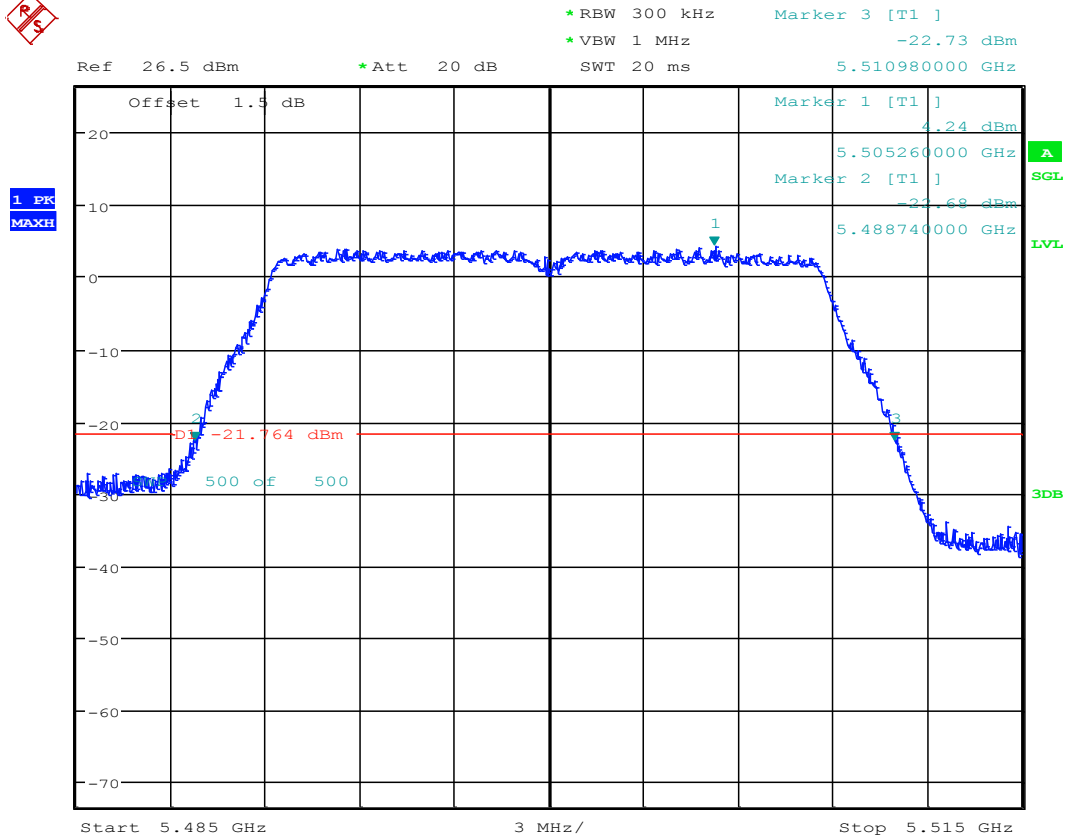
Ref 26.5 dBm      \*Att 20 dB



Date: 29.MAR.2018 17:43:27



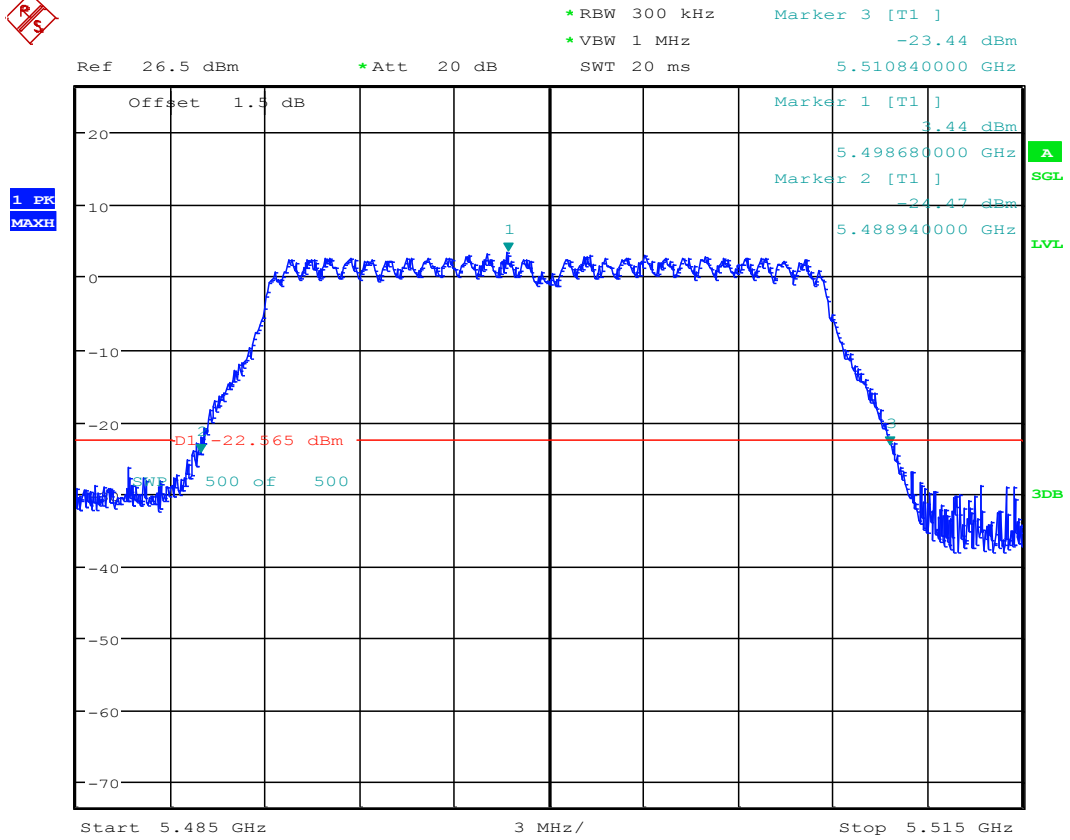
### 3.45 11N20MIMO\_100 ANT 1



Date: 28.MAR.2018 18:22:29



### 3.46 11N20MIMO\_100 ANT 2



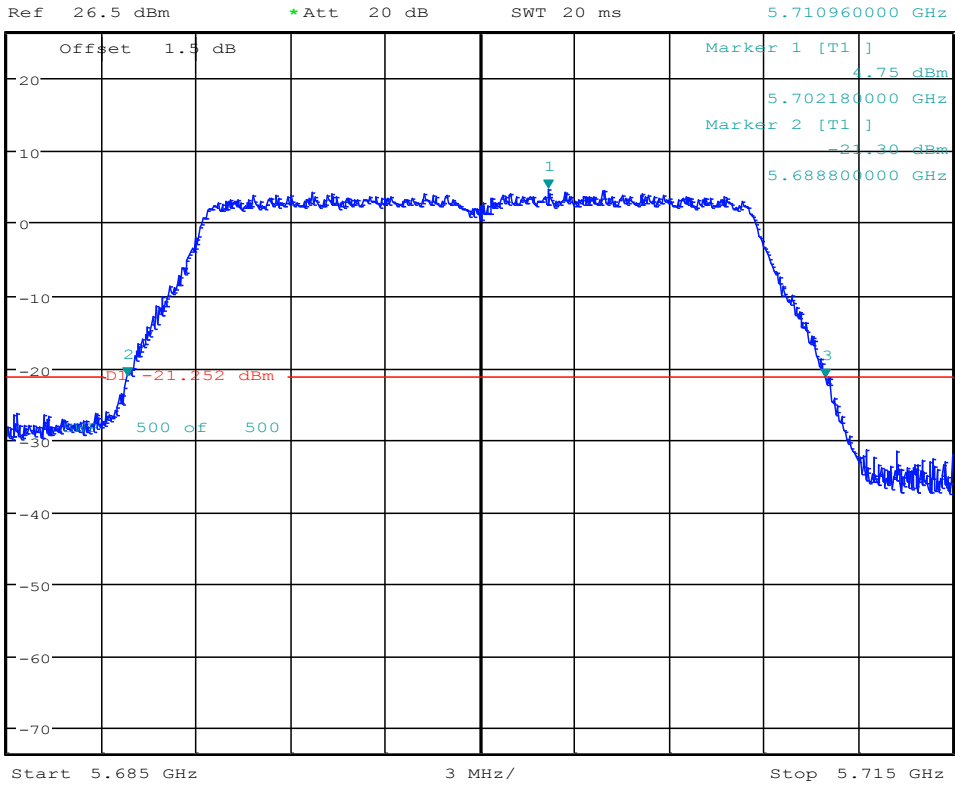
Date: 29.MAR.2018 17:46:12



### 3.47 11N20MIMO\_140 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.58 dBm  
 SWT 20 ms      5.710960000 GHz



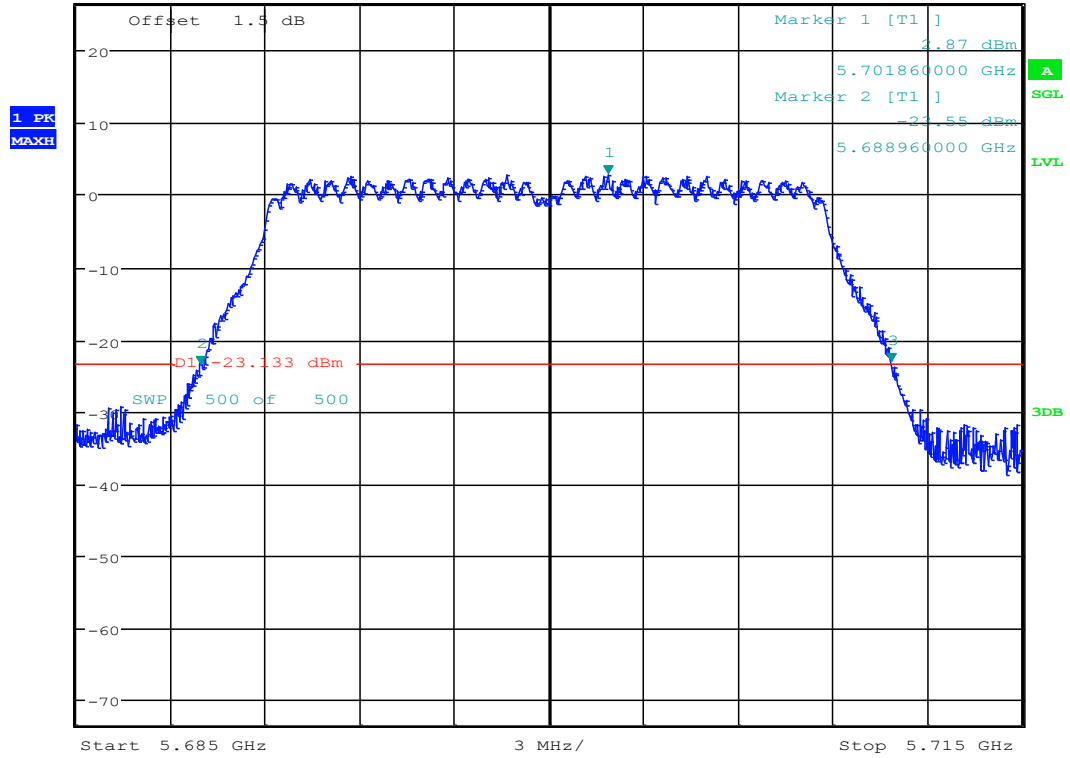
Date: 28.MAR.2018 18:27:37



### 3.48 11N20MIMO\_140 ANT 2



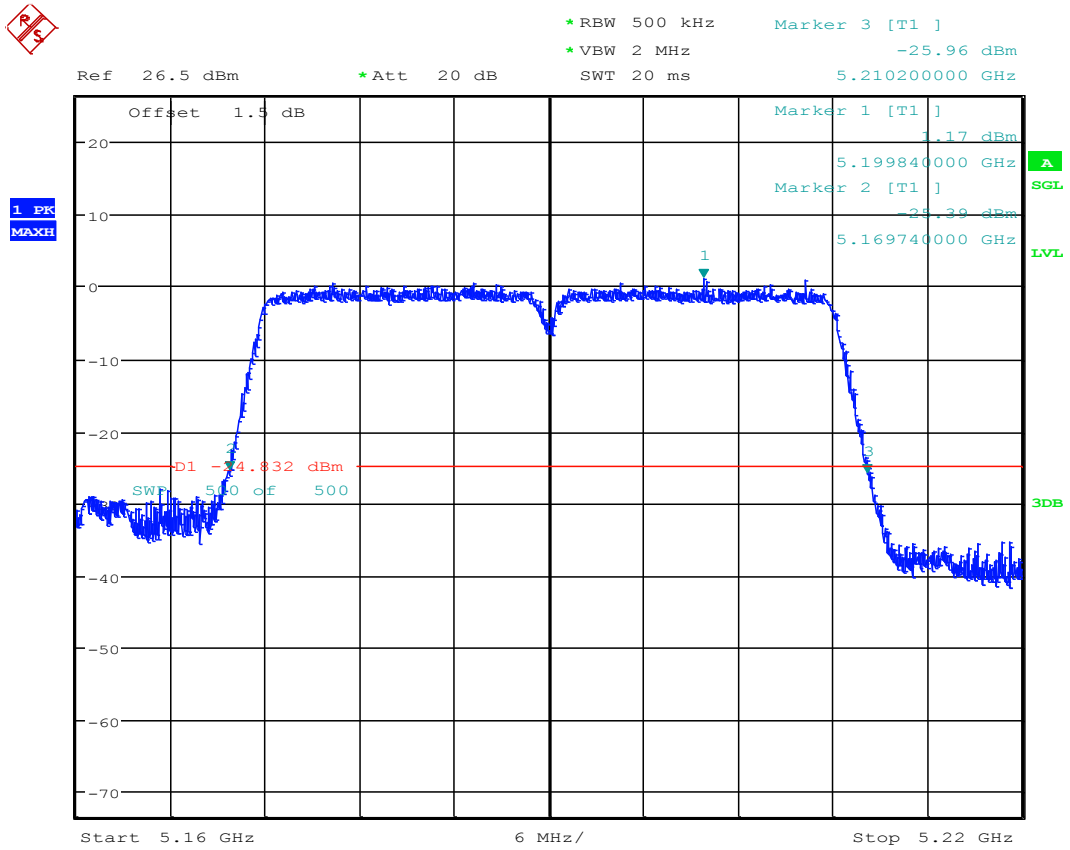
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.24 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.710860000 GHz



Date: 29.MAR.2018 17:49:09



### 3.49 11N40\_38 ANT 1

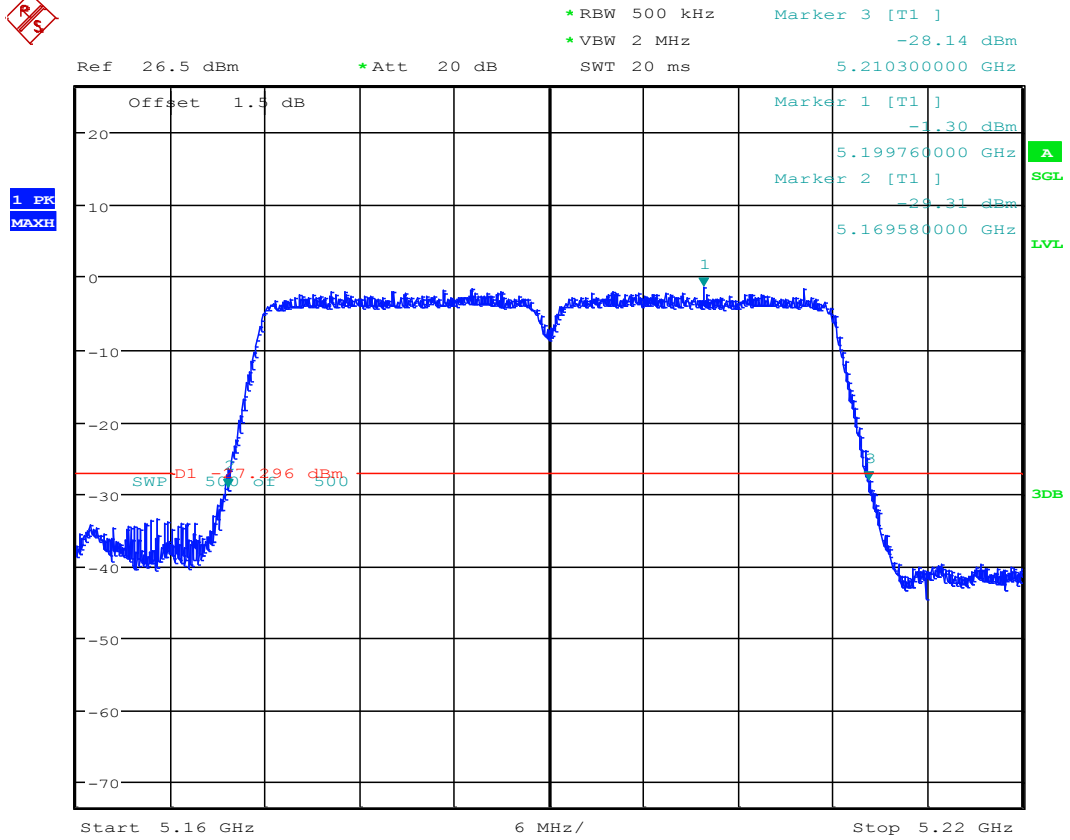


Date: 28.MAR.2018 15:40:37





### 3.50 11N40\_38 ANT 2



Date: 29.MAR.2018 13:06:51



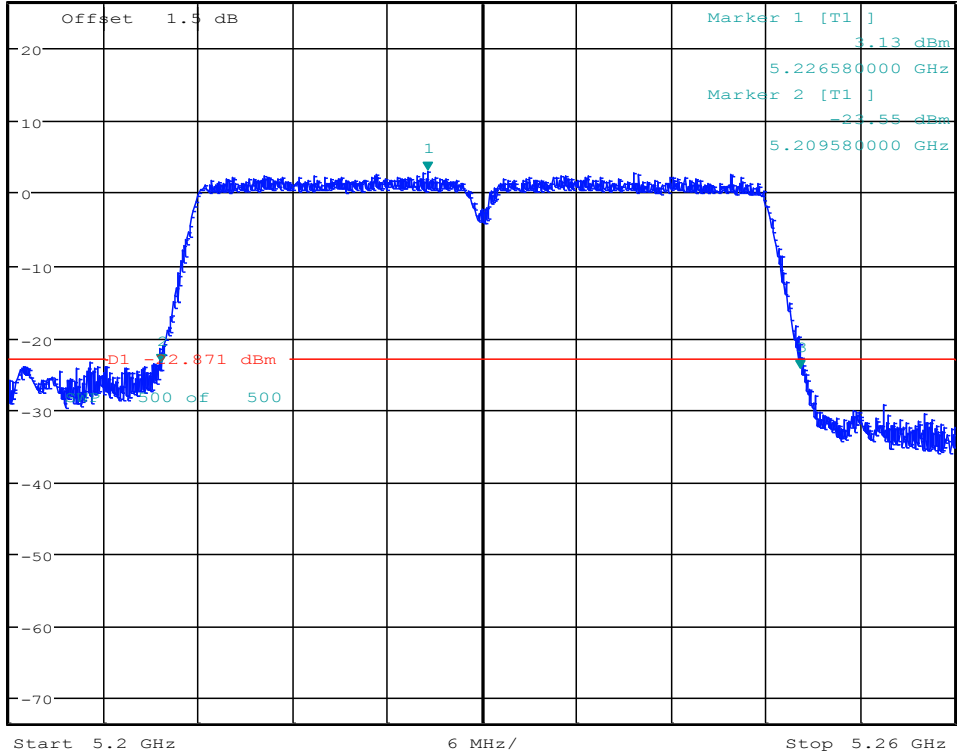
### 3.51 11N40\_46 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -24.42 dBm  
 SWT 20 ms      5.250240000 GHz

Ref 26.5 dBm      \*Att 20 dB

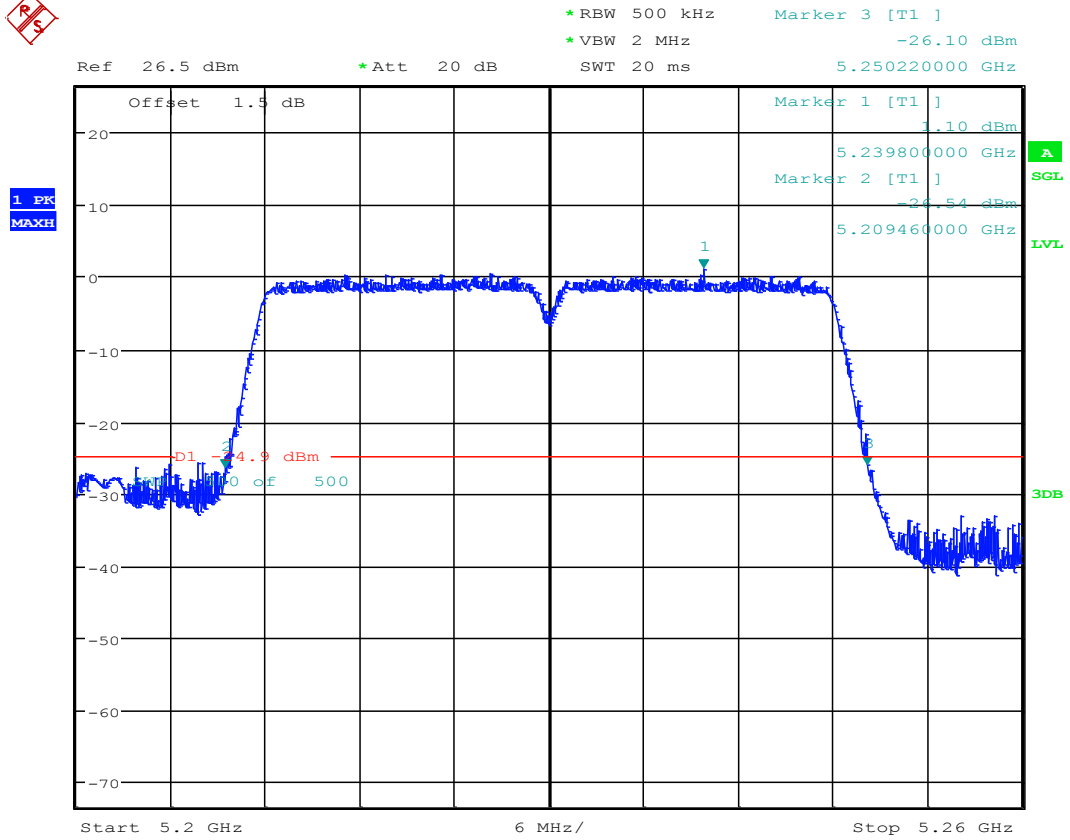
1 PK  
MAXH



Date: 28.MAR.2018 15:43:49



### 3.52 11N40\_46 ANT 2



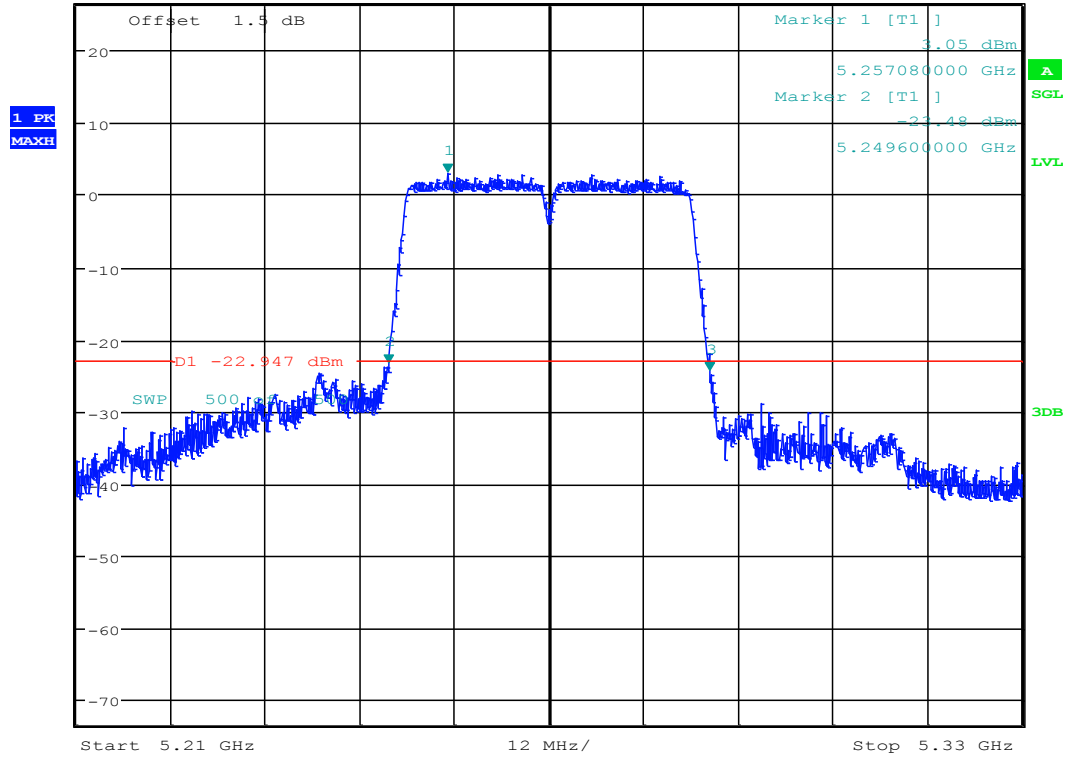
Date: 29.MAR.2018 14:38:03



### 3.53 11N40\_54 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -24.38 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.290320000 GHz



Date: 8.APR.2018 12:16:34



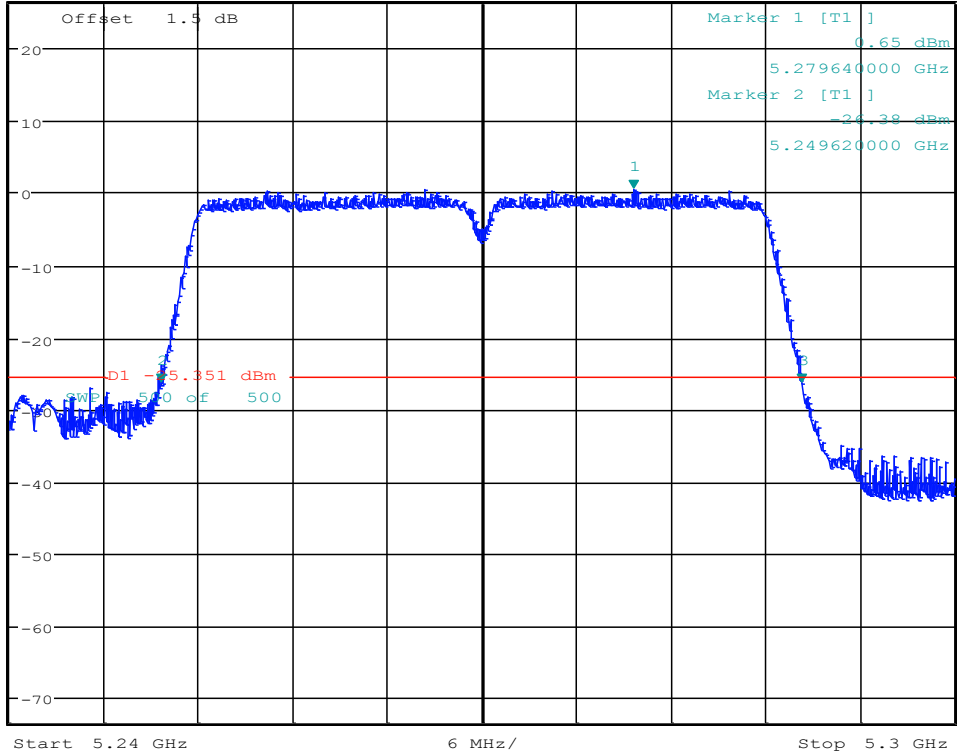
3.54 11N40\_54 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
\*VBW 2 MHz                          -26.31 dBm  
SWT 20 ms                              5.290300000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



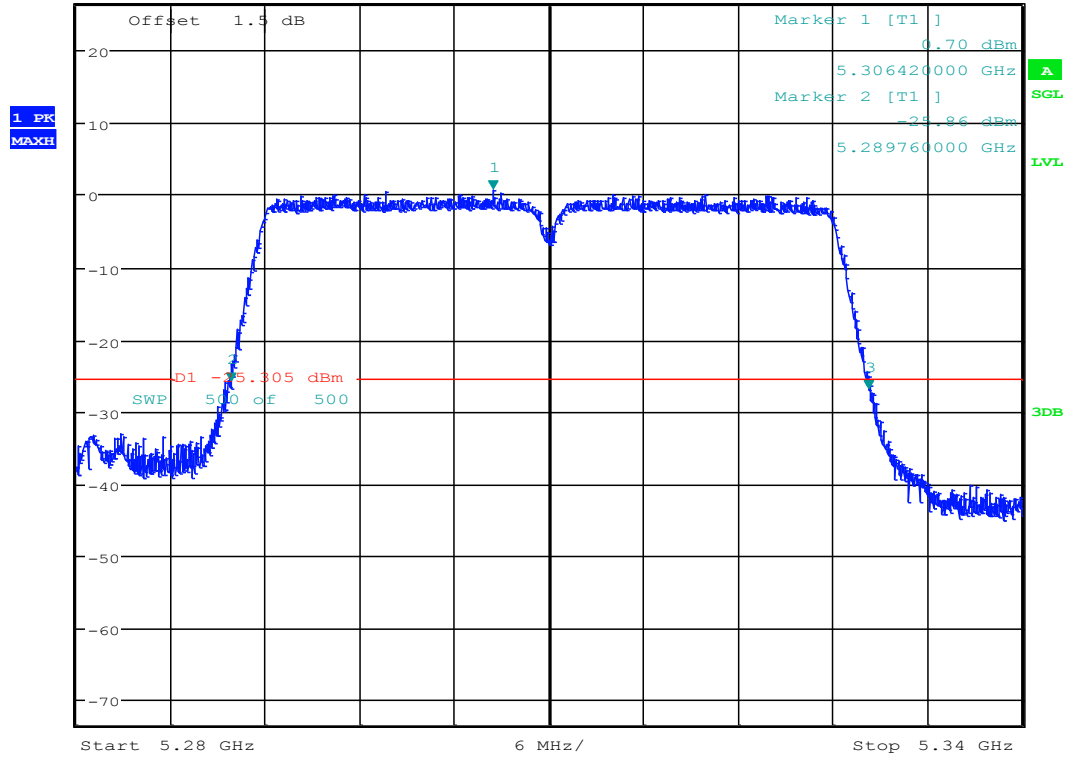
Date: 29.MAR.2018 14:41:36



### 3.55 11N40\_62 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -27.01 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.330280000 GHz



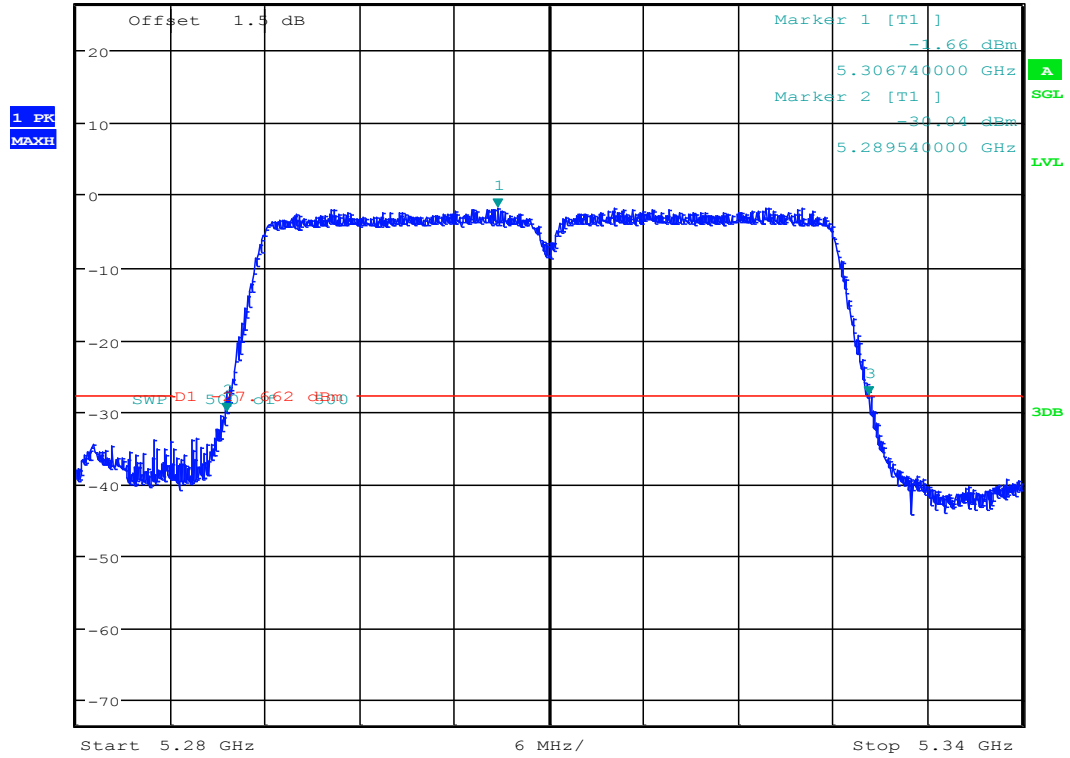
Date: 28.MAR.2018 15:49:35



### 3.56 11N40\_62 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -27.74 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.330260000 GHz



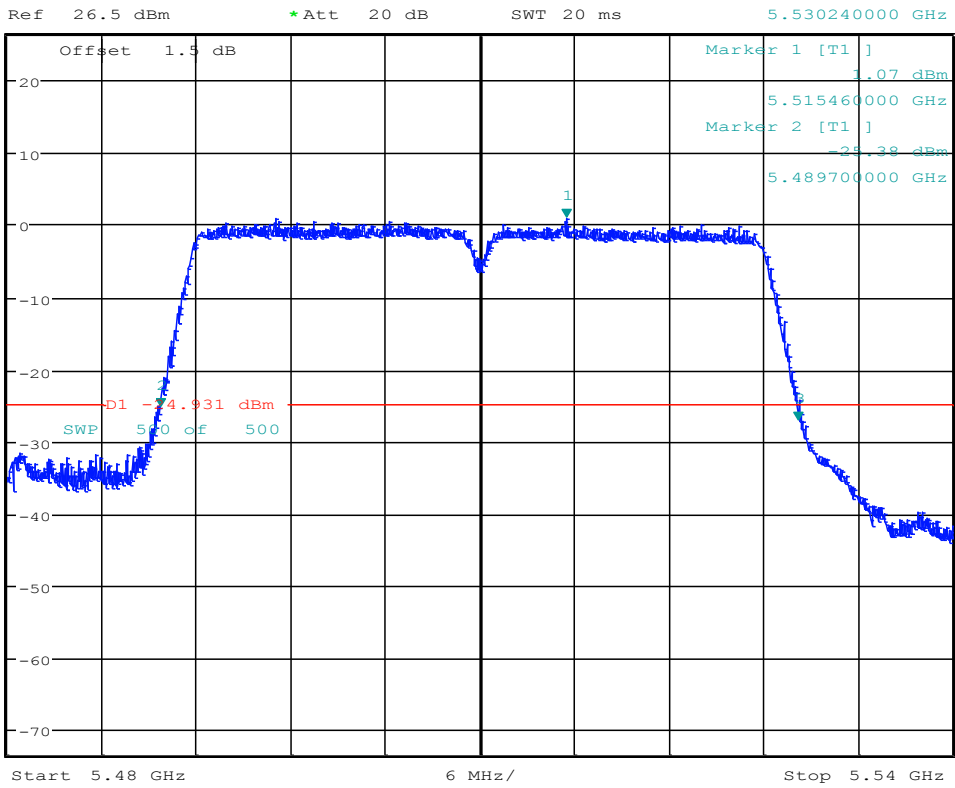
Date: 29.MAR.2018 14:44:03



### 3.57 11N40\_102 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -27.20 dBm  
 SWT 20 ms      5.530240000 GHz



Date: 28.MAR.2018 15:54:11





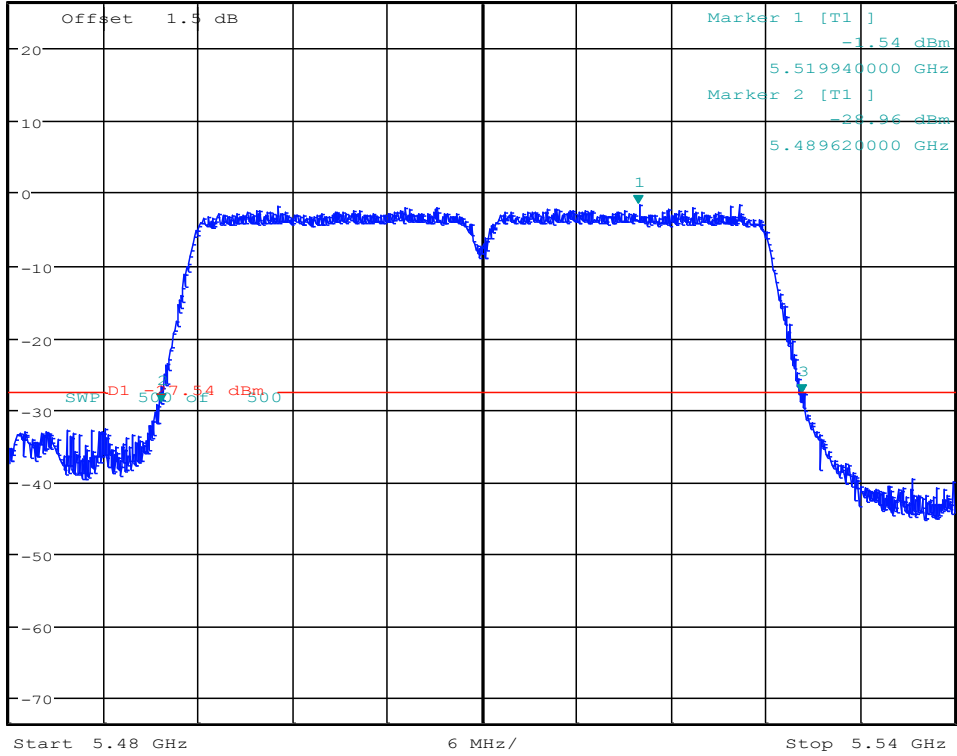
### 3.58 11N40\_102 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -27.76 dBm  
 SWT 20 ms      5.530300000 GHz

Ref 26.5 dBm      \*Att 20 dB

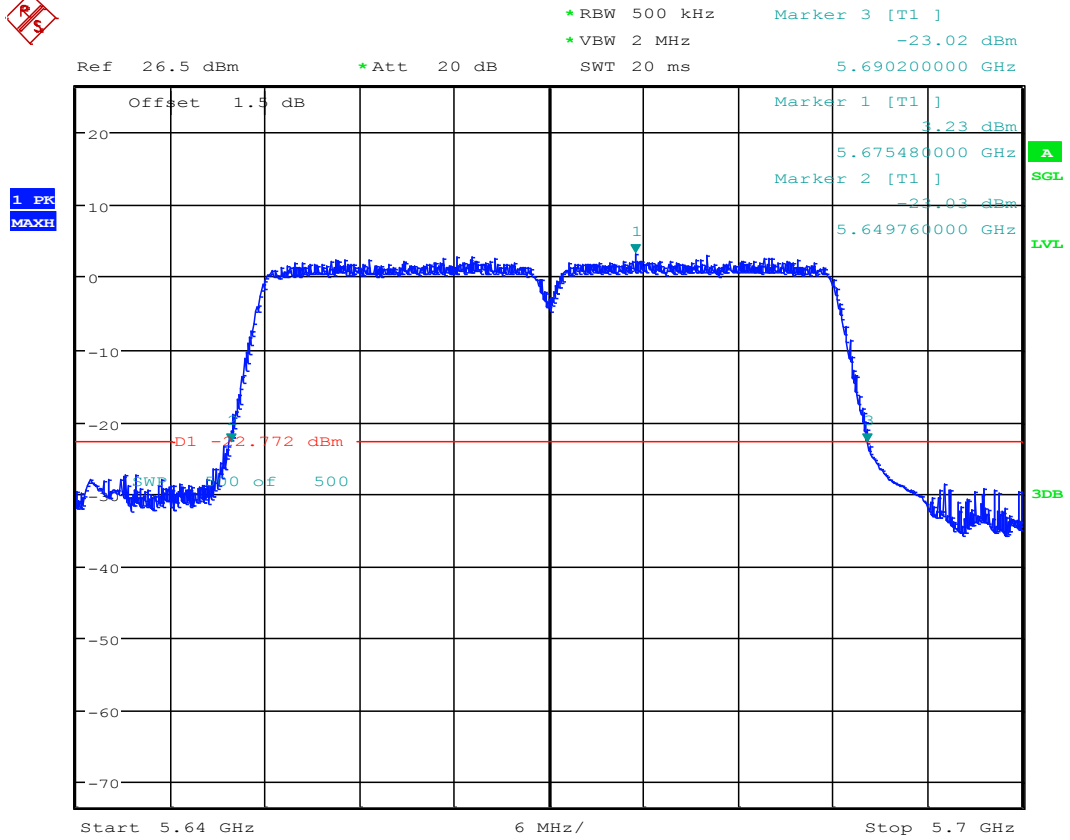
1 PK  
 MAXH



Date: 29.MAR.2018 14:46:33



### 3.59 11N40\_134 ANT 1



Date: 28.MAR.2018 15:56:36



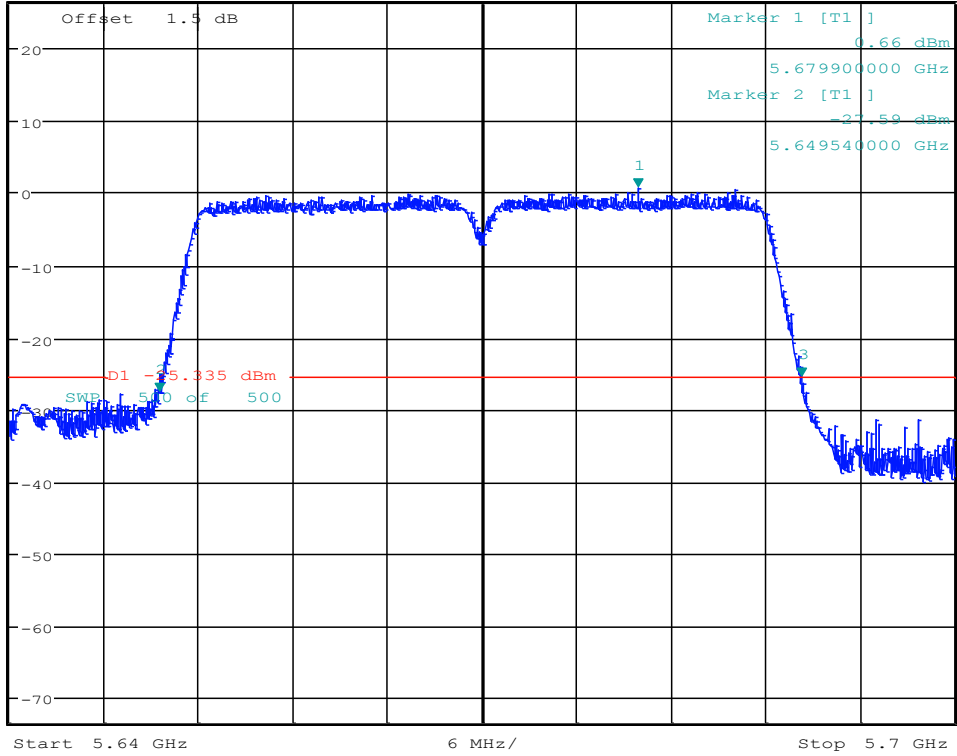
### 3.60 11N40\_134 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.41 dBm  
 SWT 20 ms      5.690260000 GHz

Ref 26.5 dBm      \*Att 20 dB

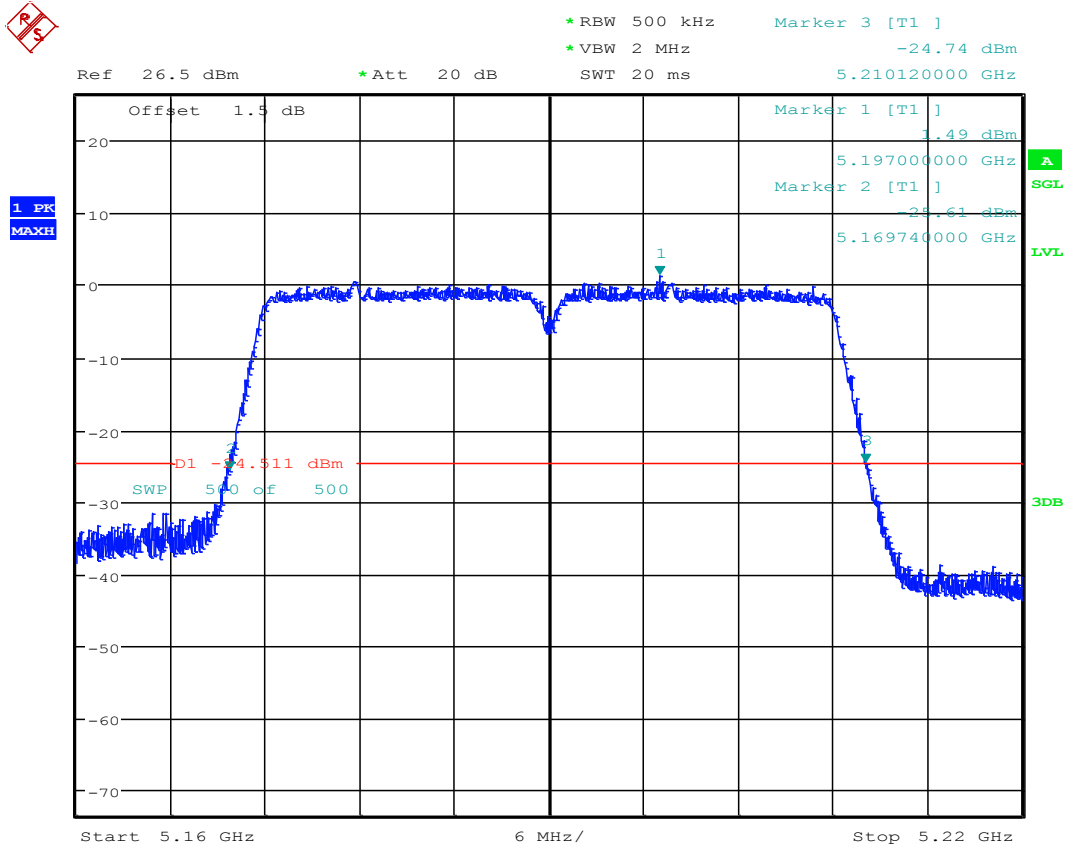
1 PK  
MAXH



Date: 29.MAR.2018 14:49:02



### 3.61 11N40MIMO\_38 ANT 1



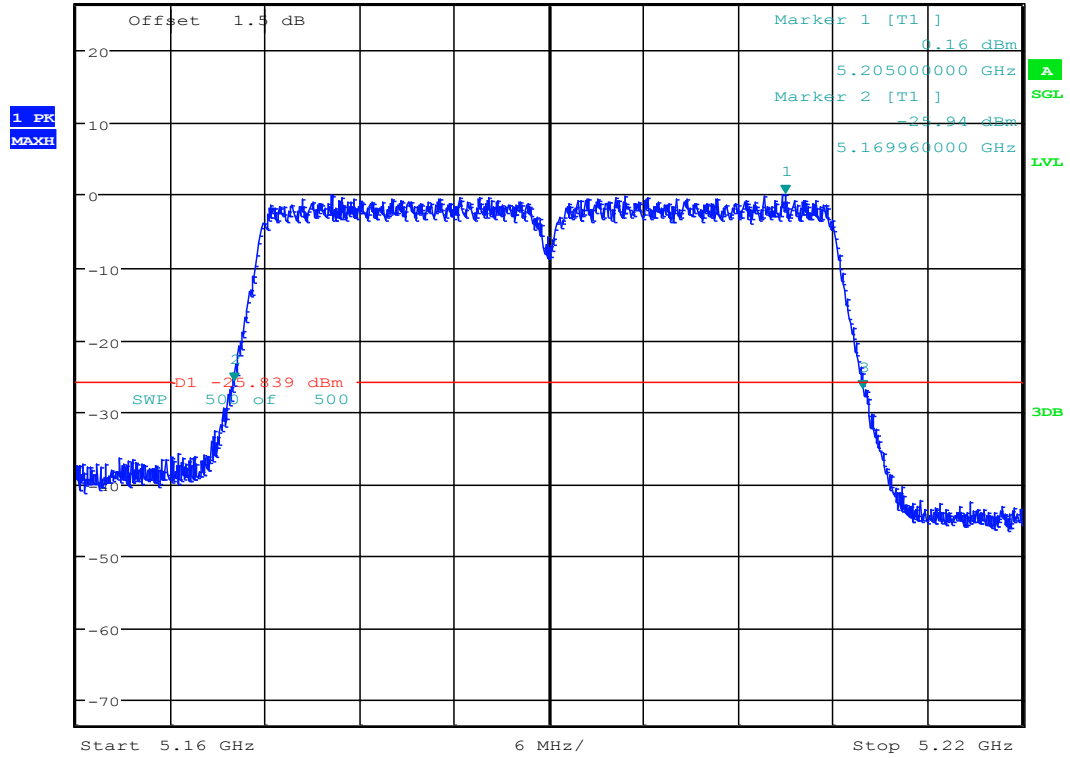
Date: 28.MAR.2018 18:41:06



### 3.62 11N40MIMO\_38 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.88 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.209940000 GHz



Date: 29.MAR.2018 18:03:47

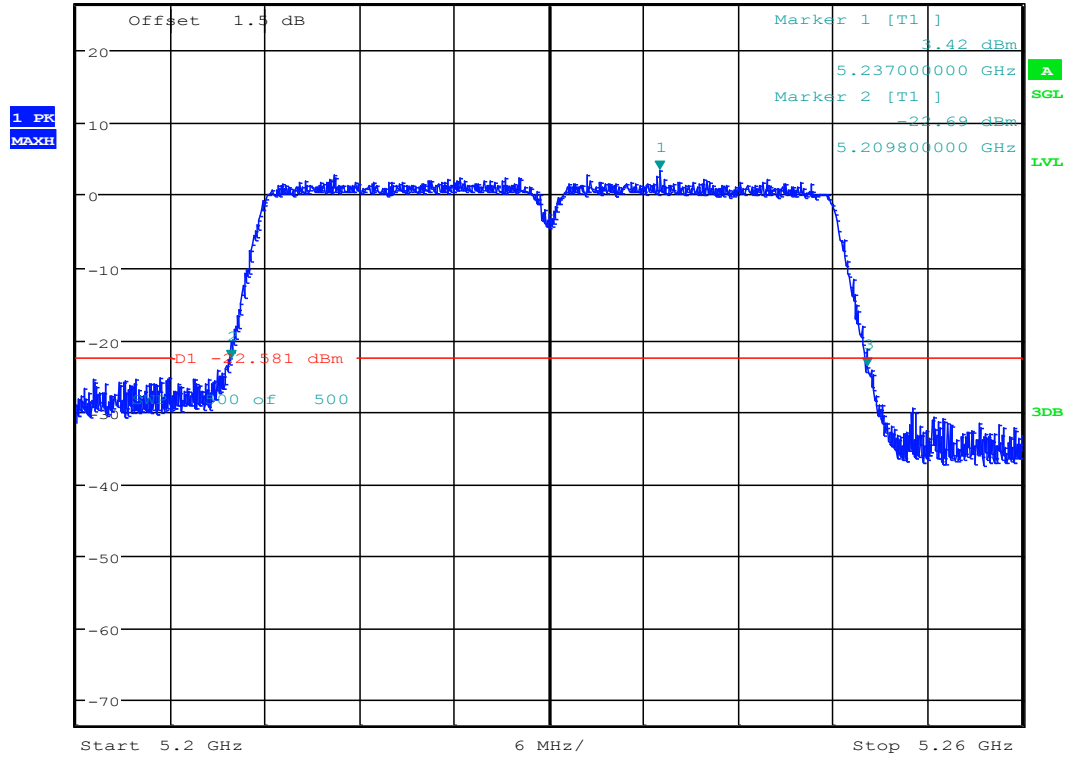


### 3.63 11N40MIMO\_46 ANT 1



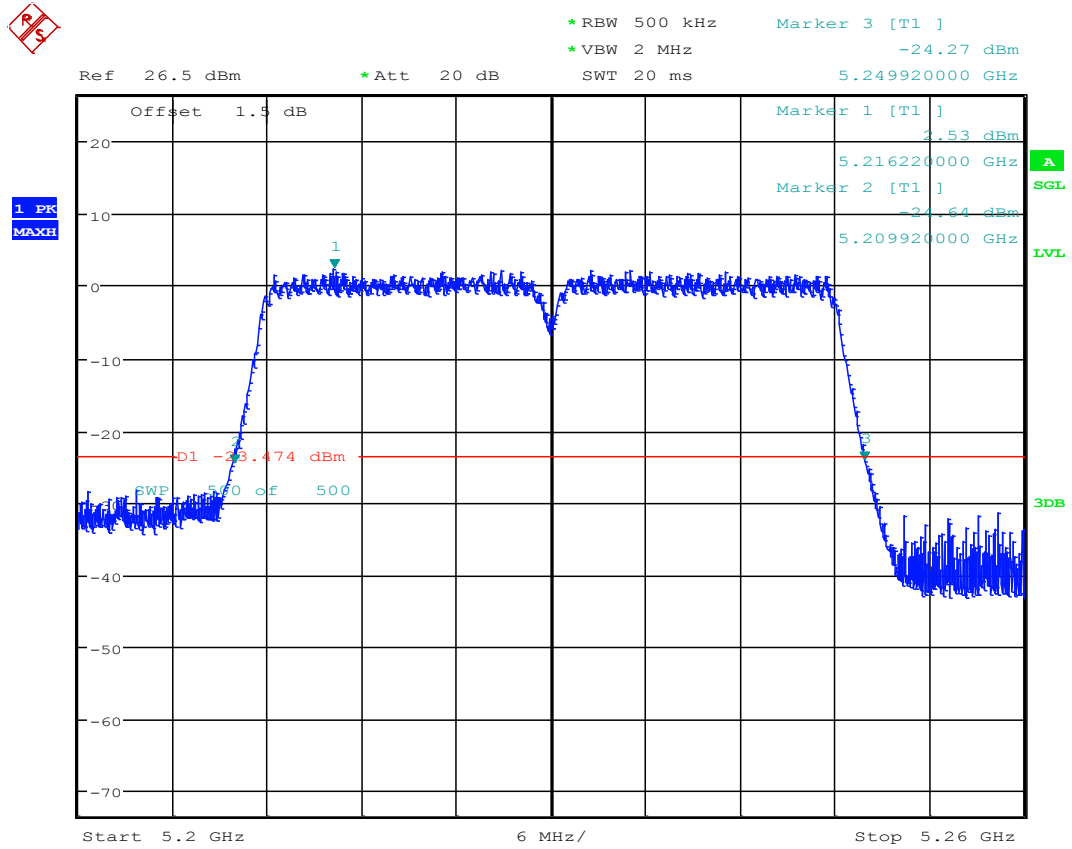
\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -23.74 dBm  
 SWT 20 ms      5.250180000 GHz

Ref 26.5 dBm      \*Att 20 dB



Date: 28.MAR.2018 18:43:42

### 3.64 11N40MIMO\_46 ANT 2



Date: 29.MAR.2018 18:08:17

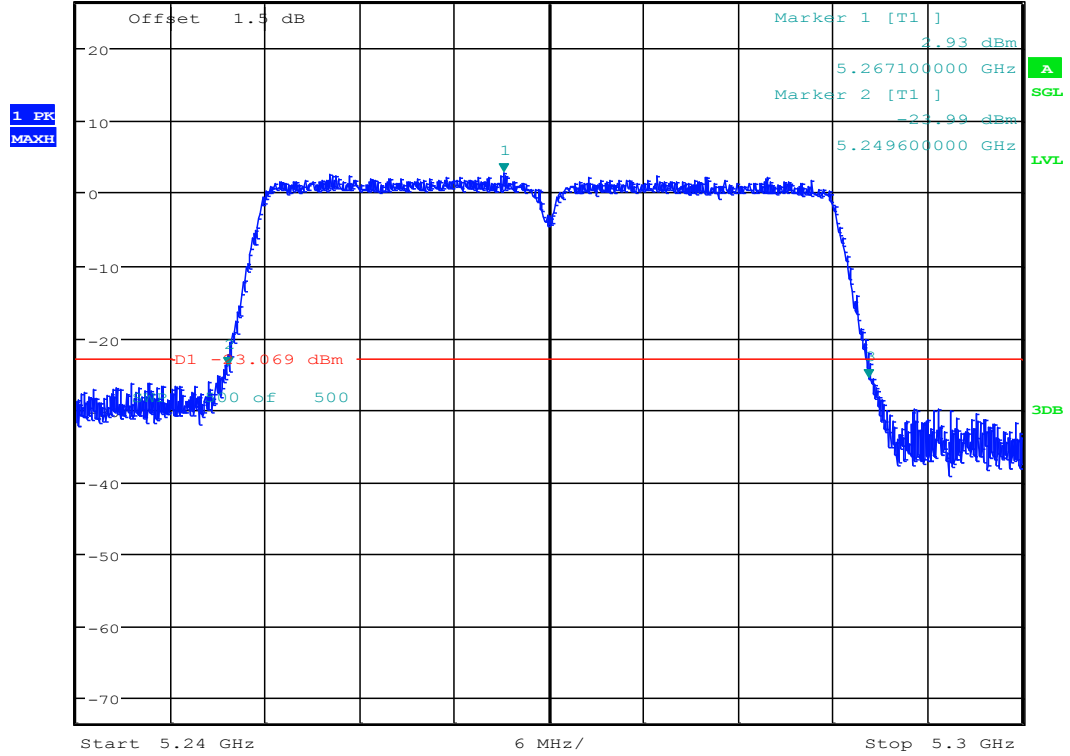


### 3.65 11N40MIMO\_54 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.62 dBm  
 SWT 20 ms      5.290280000 GHz

Ref 26.5 dBm      \*Att 20 dB



Date: 28.MAR.2018 18:46:31





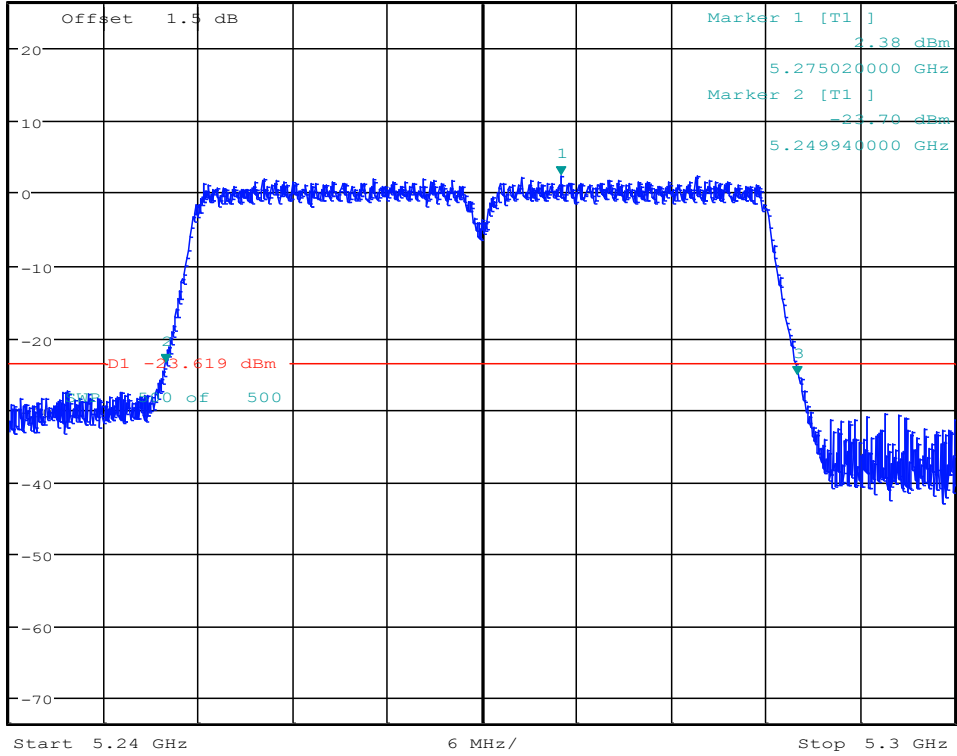
### 3.66 11N40MIMO\_54 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.24 dBm  
 SWT 20 ms      5.290020000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



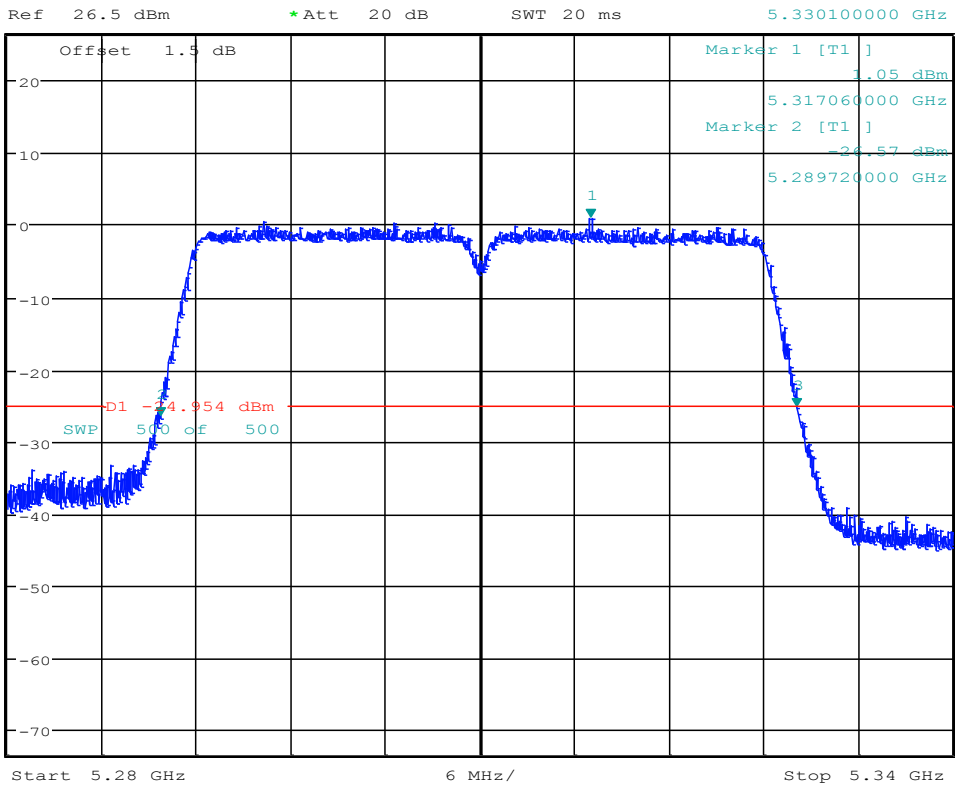
Date: 29.MAR.2018 18:15:02



### 3.67 11N40MIMO\_62 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.19 dBm  
 SWT 20 ms      5.330100000 GHz



Date: 28.MAR.2018 18:49:02



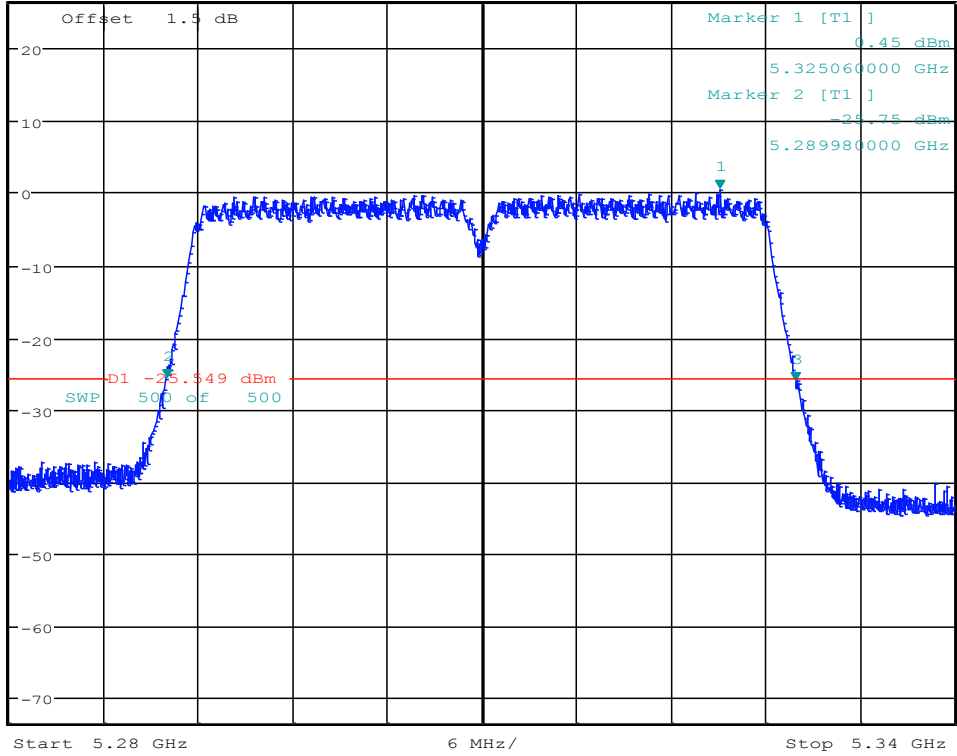
### 3.68 11N40MIMO\_62 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.22 dBm  
 SWT 20 ms      5.329860000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
 MAXH



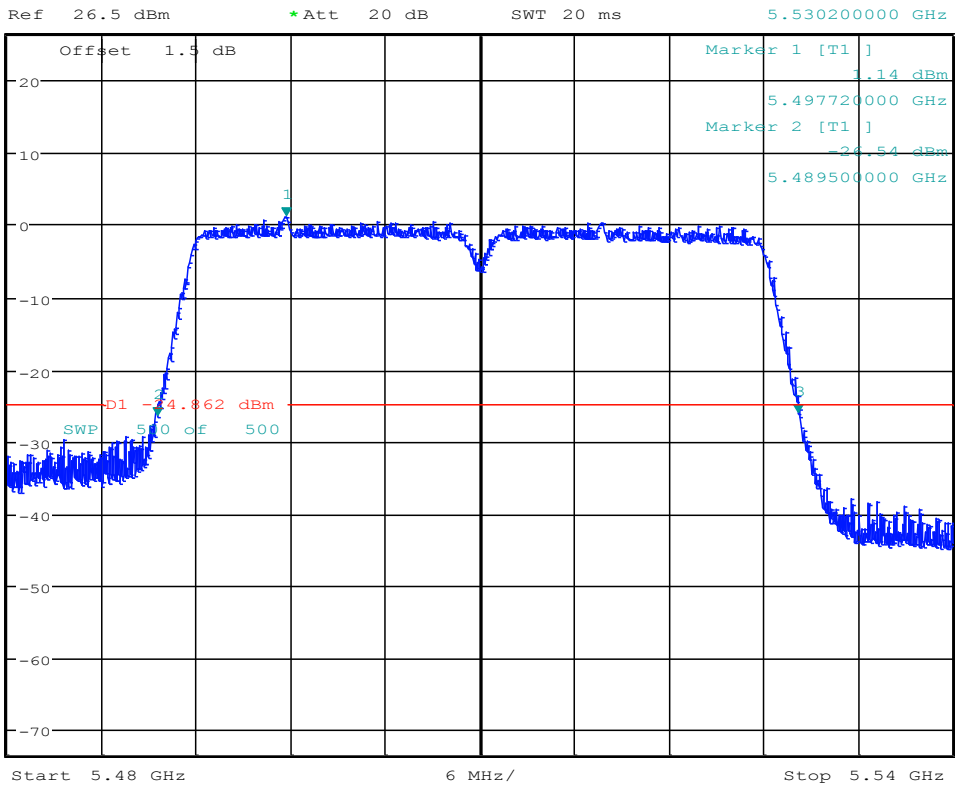
Date: 29.MAR.2018 18:23:43



### 3.69 11N40MIMO\_102 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.17 dBm  
 SWT 20 ms      5.530200000 GHz

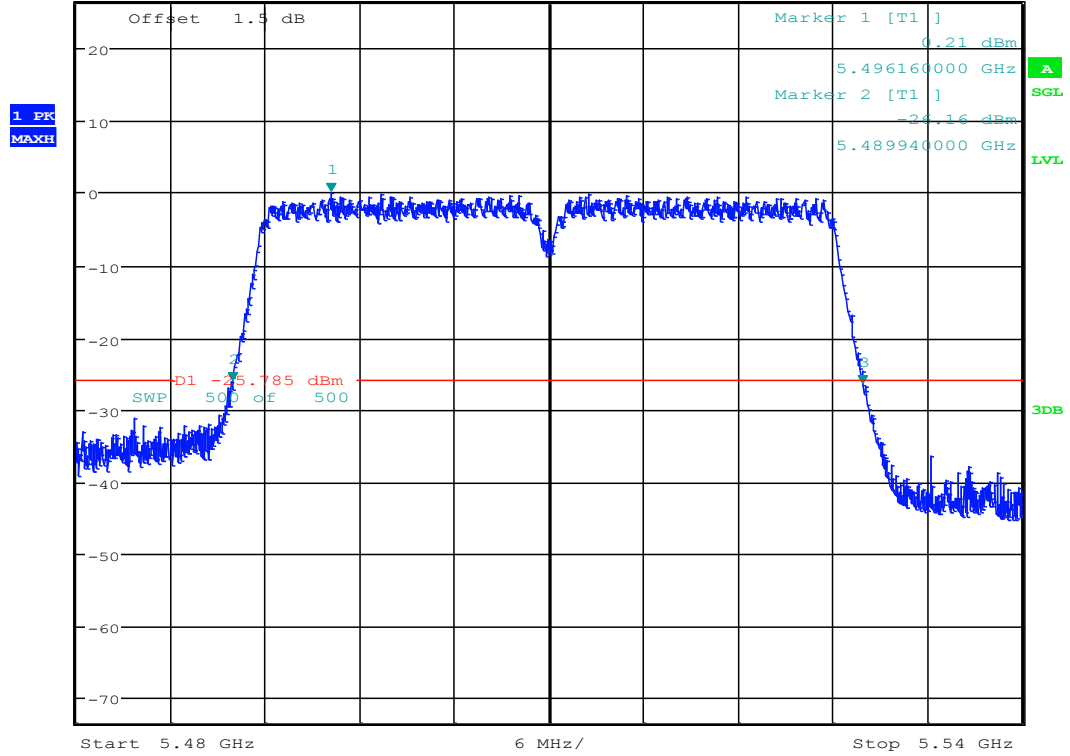


Date: 28.MAR.2018 18:51:52

### 3.70 11N40MIMO\_102 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.64 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.529920000 GHz



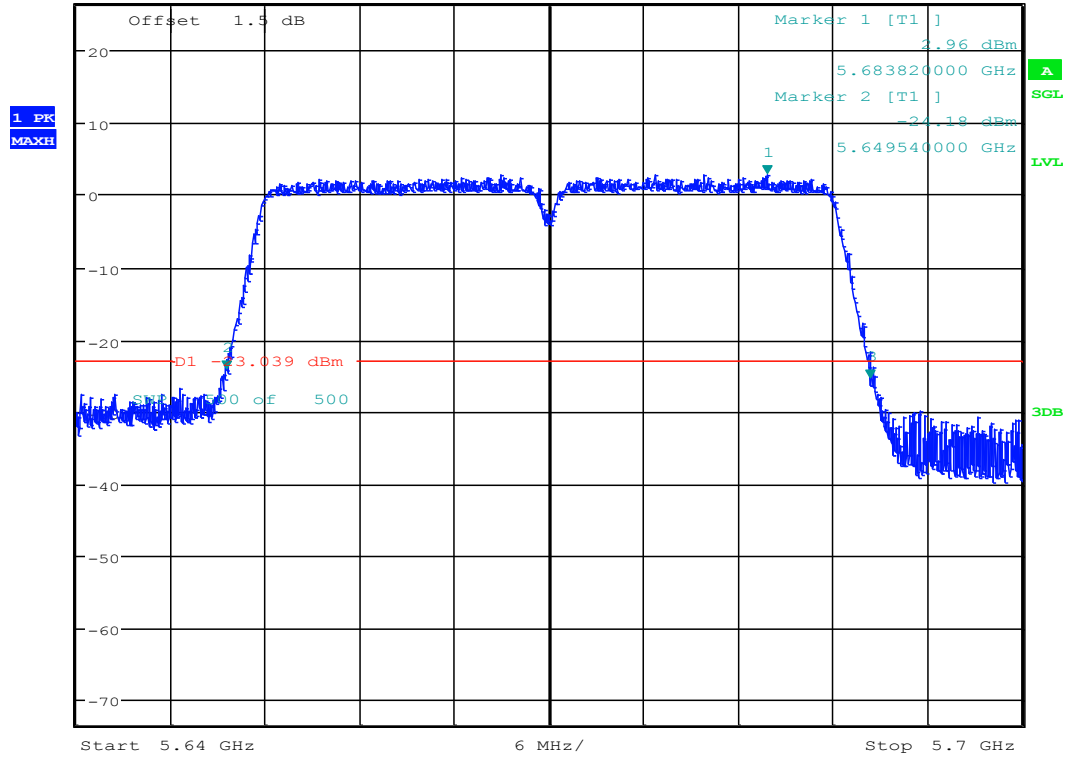
Date: 29.MAR.2018 18:27:41



### 3.71 11N40MIMO\_134 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.48 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.690340000 GHz



Date: 28.MAR.2018 18:54:24



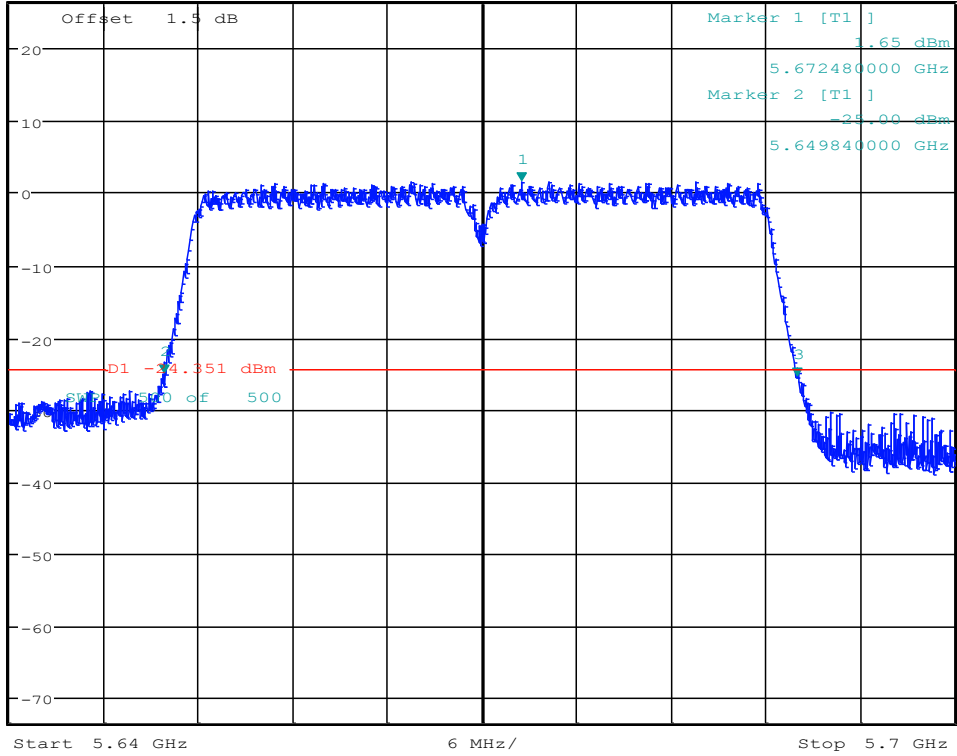
### 3.72 11N40MIMO\_134 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.48 dBm  
 SWT 20 ms      5.690000000 GHz

Ref 26.5 dBm      \*Att 20 dB

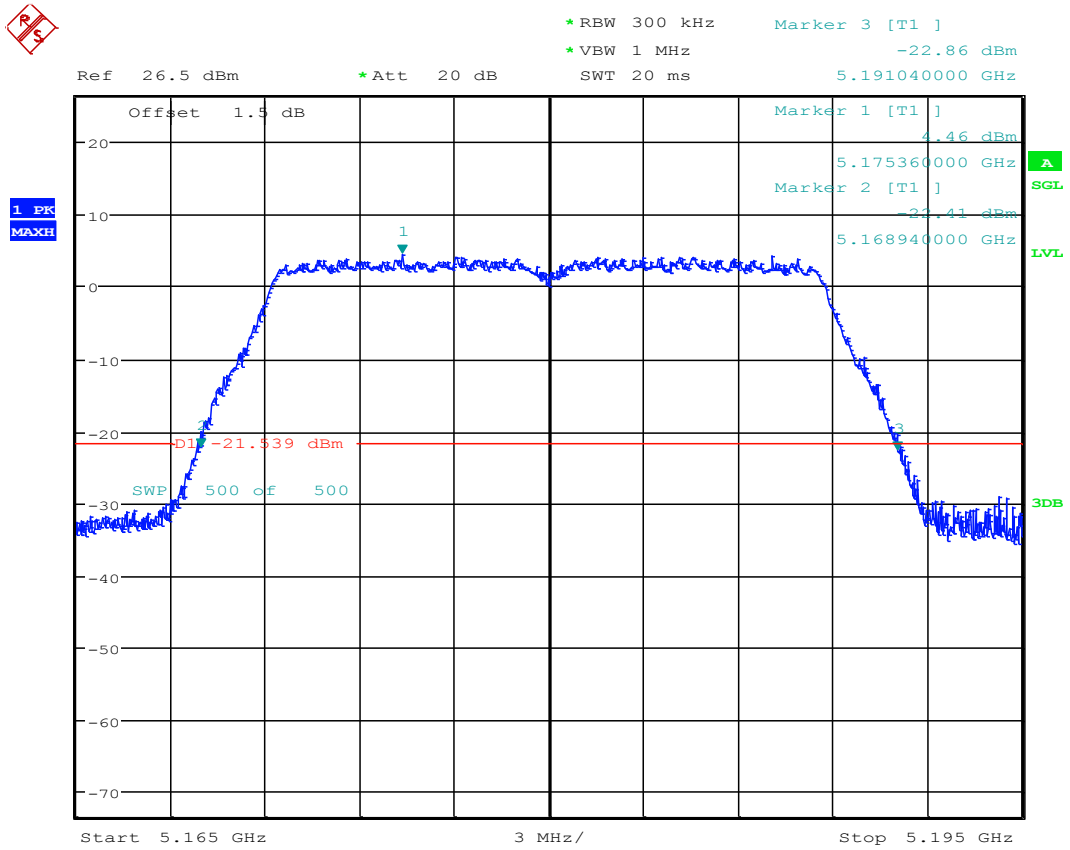
1 PK  
MAXH



Date: 29.MAR.2018 18:30:22



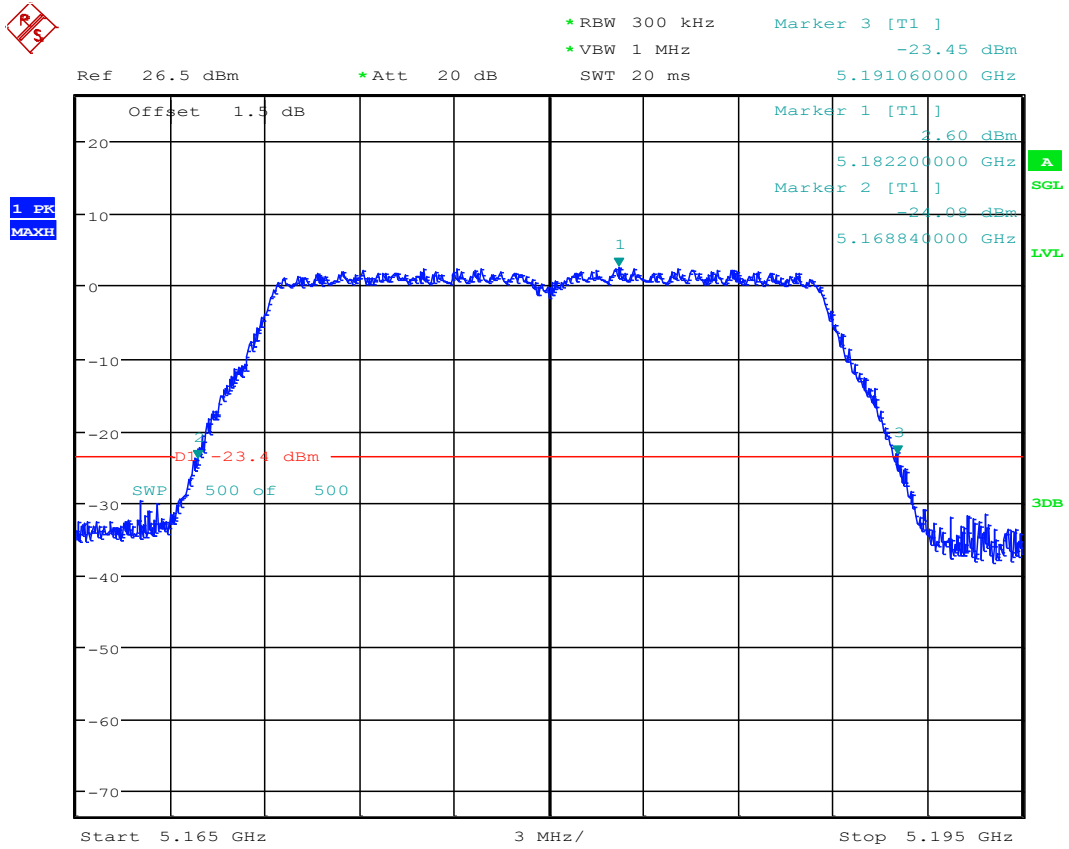
### 3.73 11AC20\_36 ANT 1



Date: 28.MAR.2018 16:10:01



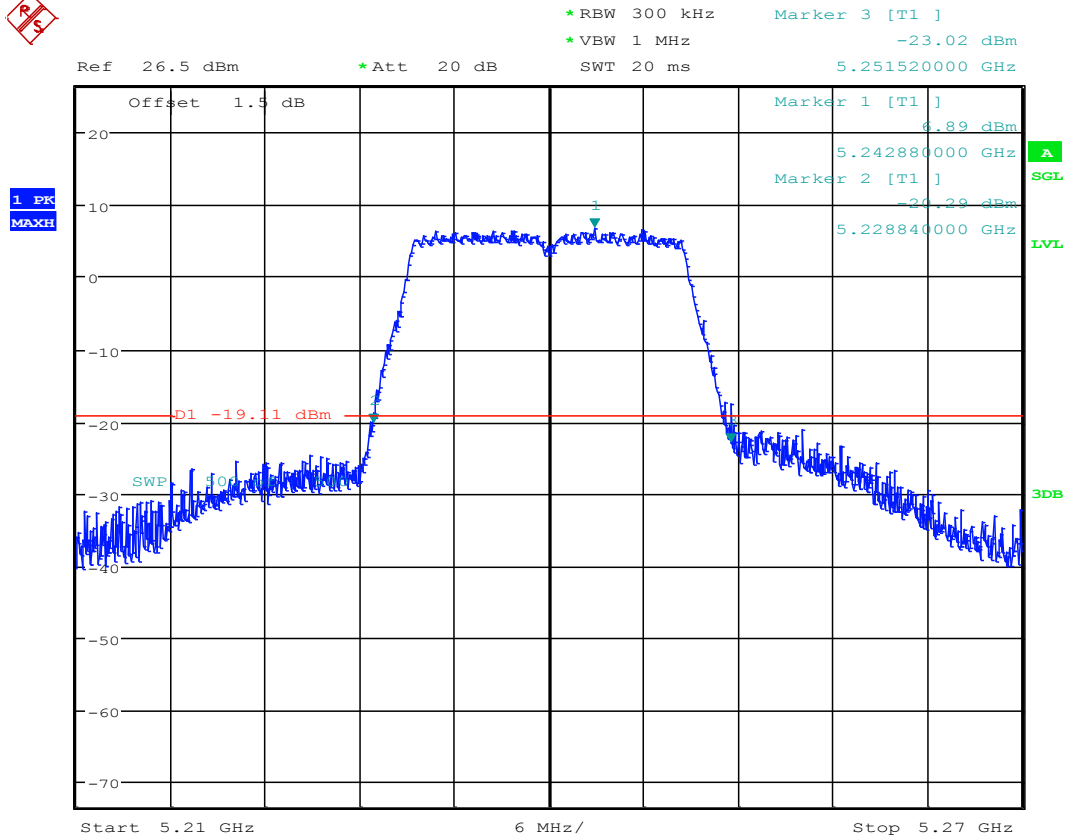
### 3.74 11AC20\_36 ANT 2



Date: 29.MAR.2018 15:04:21



### 3.75 11AC20\_48 ANT 1



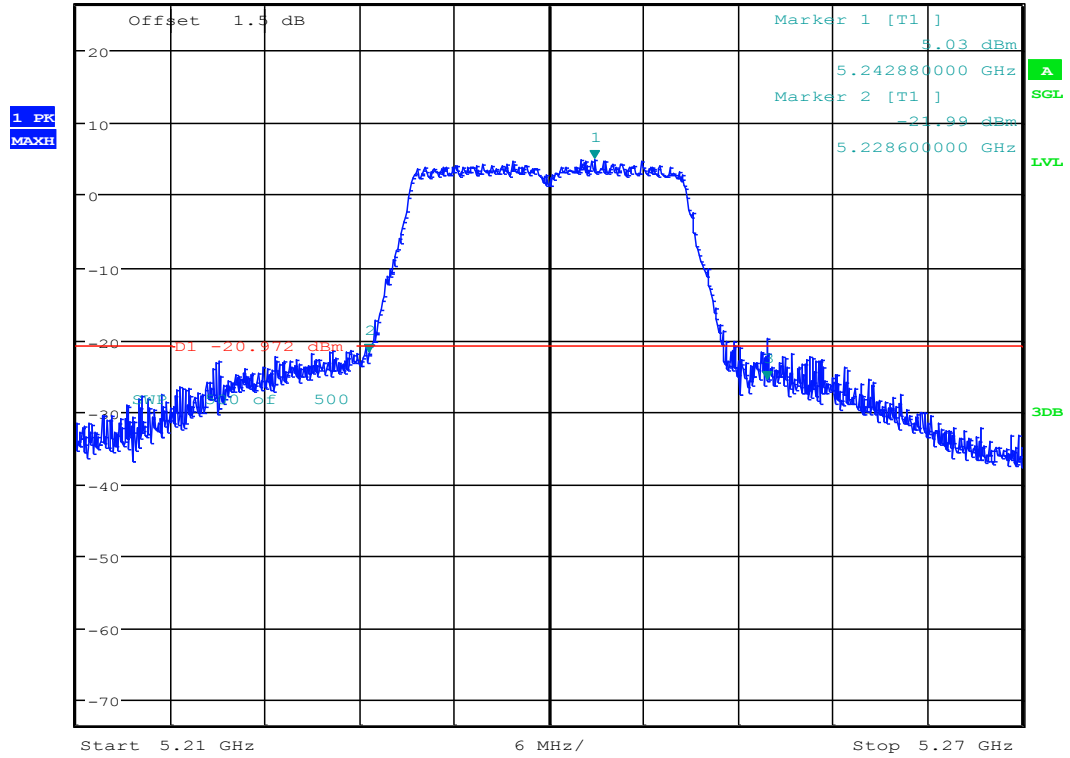
Date: 8.APR.2018 12:19:12



### 3.76 11AC20\_48 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -25.77 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.253840000 GHz



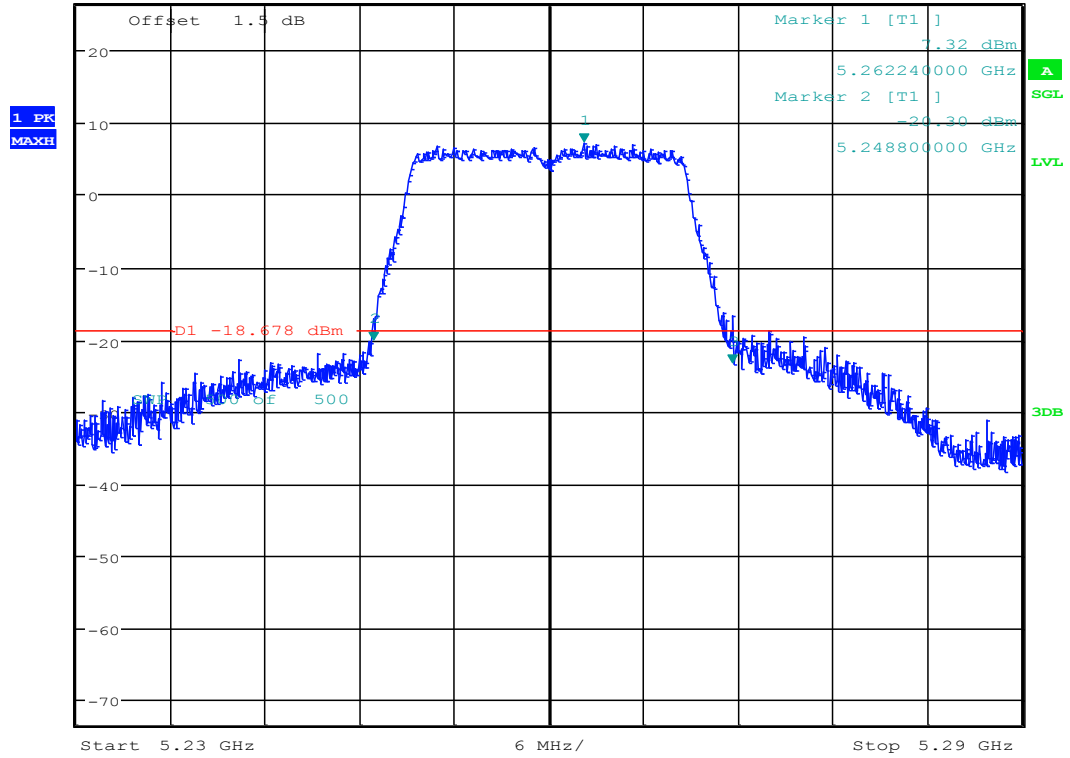
Date: 8.APR.2018 12:51:36



### 3.77 11AC20\_52 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.30 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.271680000 GHz



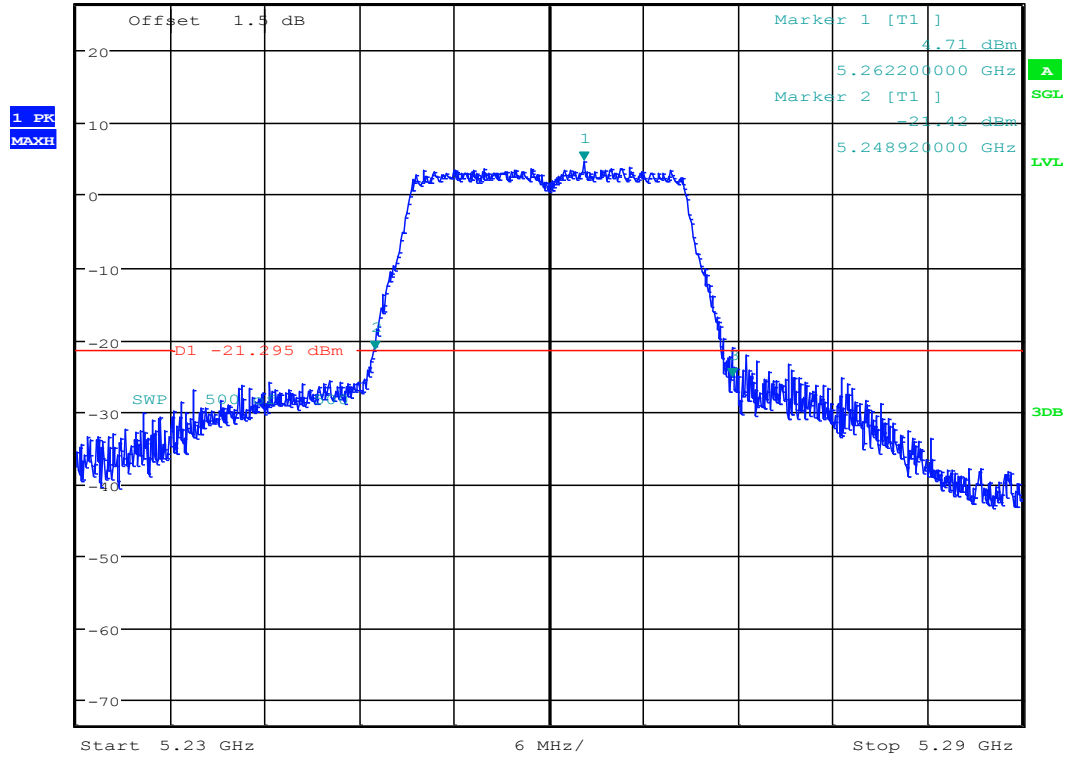
Date: 8.APR.2018 12:23:19



### 3.78 11AC20\_52 ANT 2



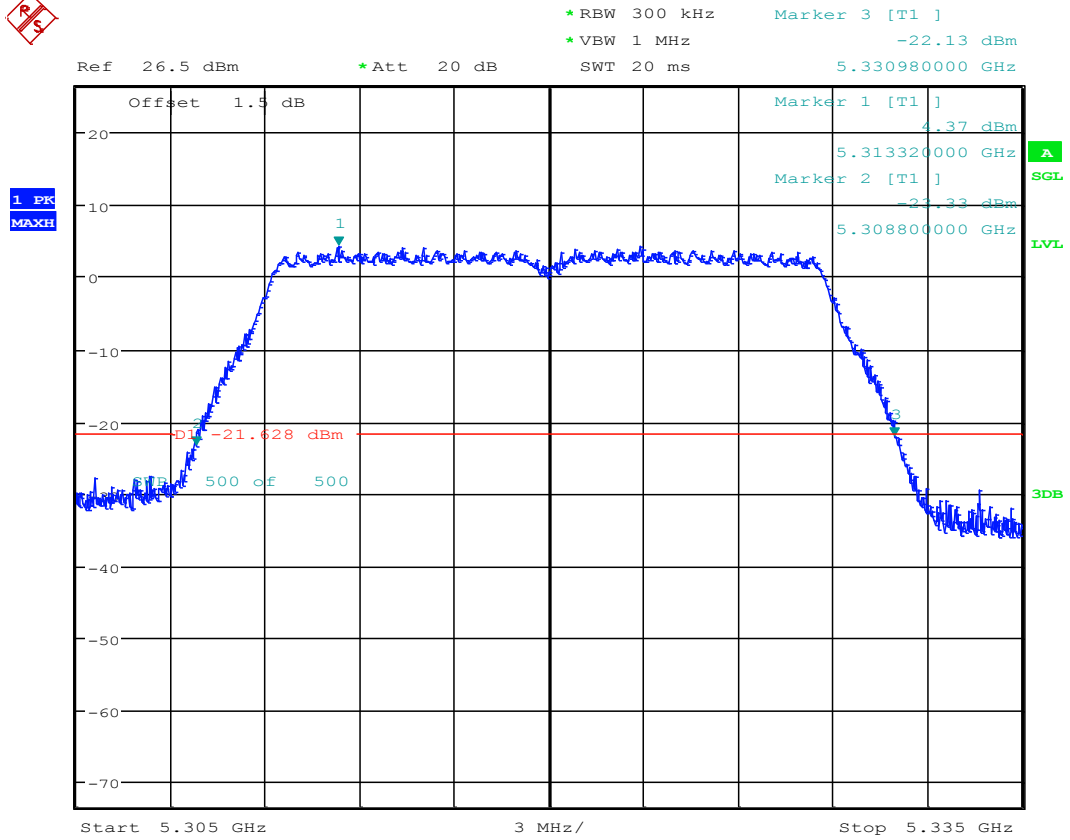
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -25.39 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.271640000 GHz



Date: 8.APR.2018 12:53:51



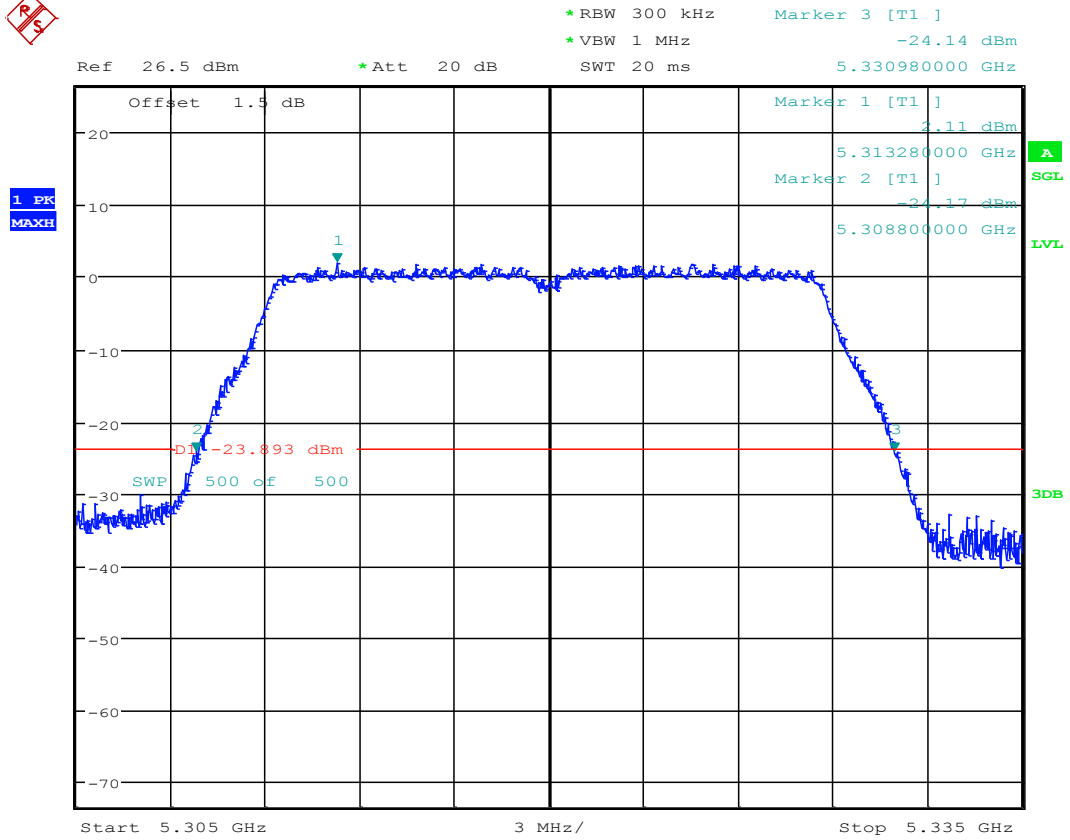
### 3.79 11AC20\_64 ANT 1



Date: 28.MAR.2018 16:27:18



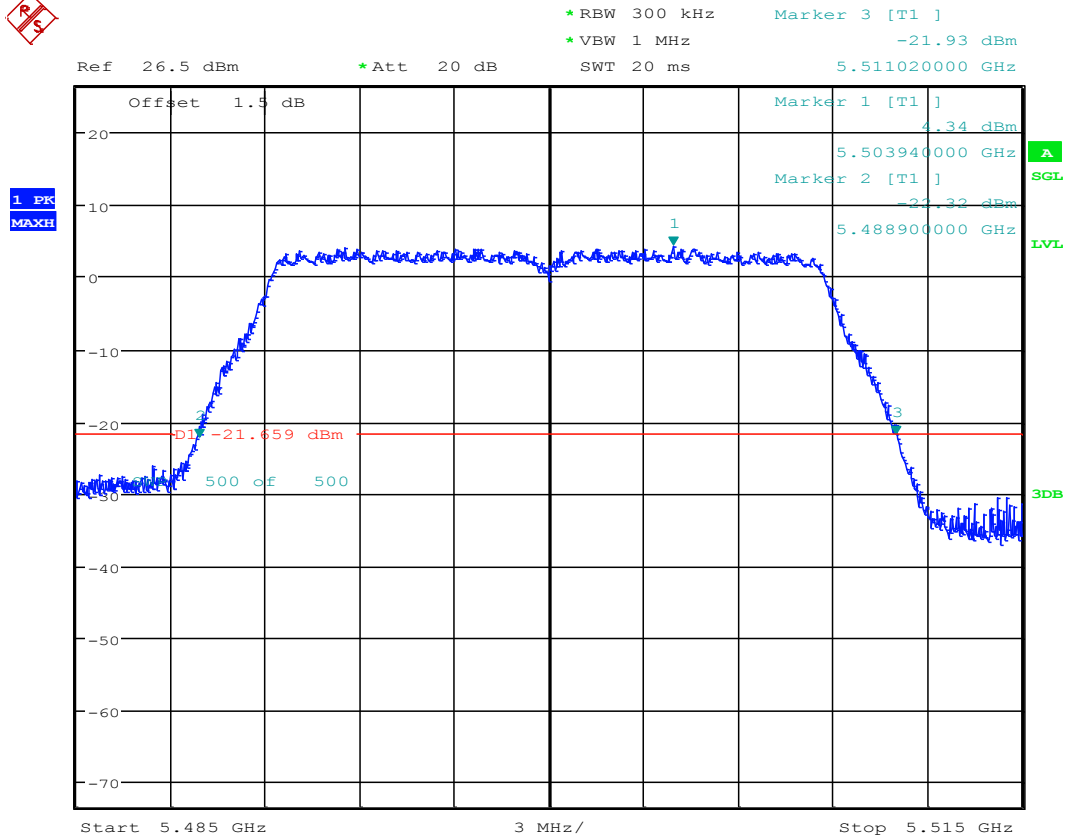
### 3.80 11AC20\_64 ANT 2



Date: 29.MAR.2018 15:16:39



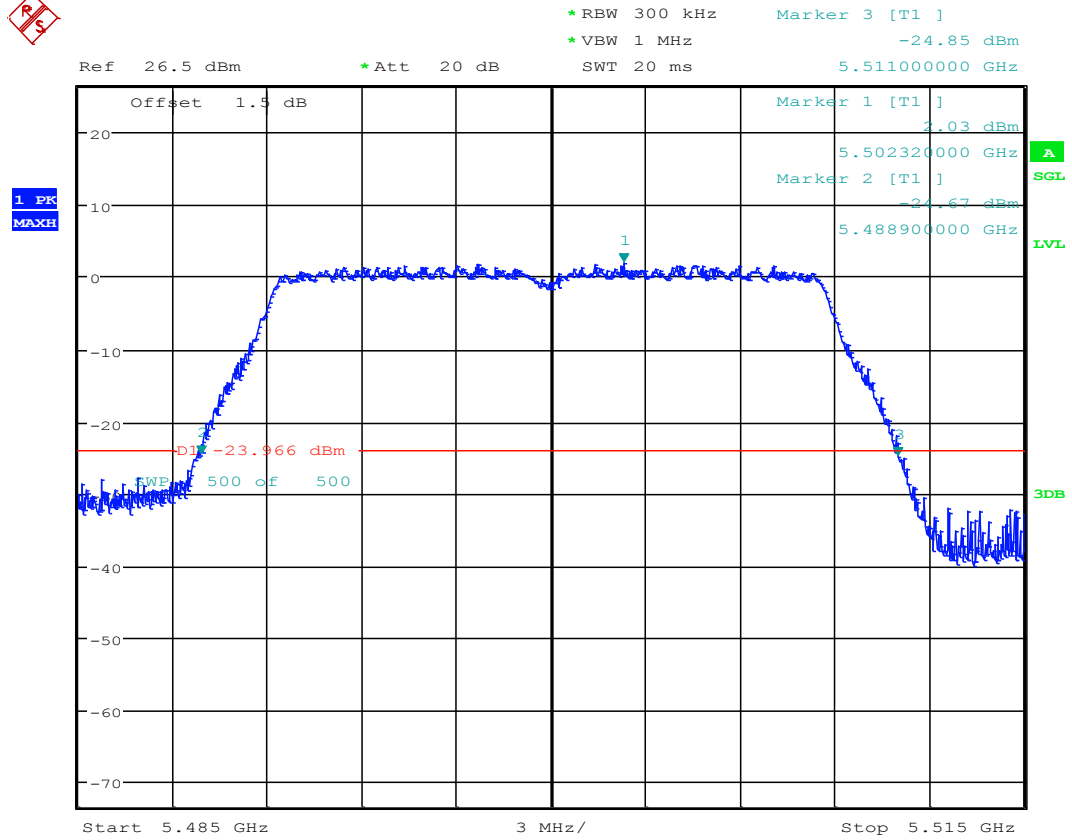
### 3.81 11AC20\_100 ANT 1



Date: 28.MAR.2018 16:29:58



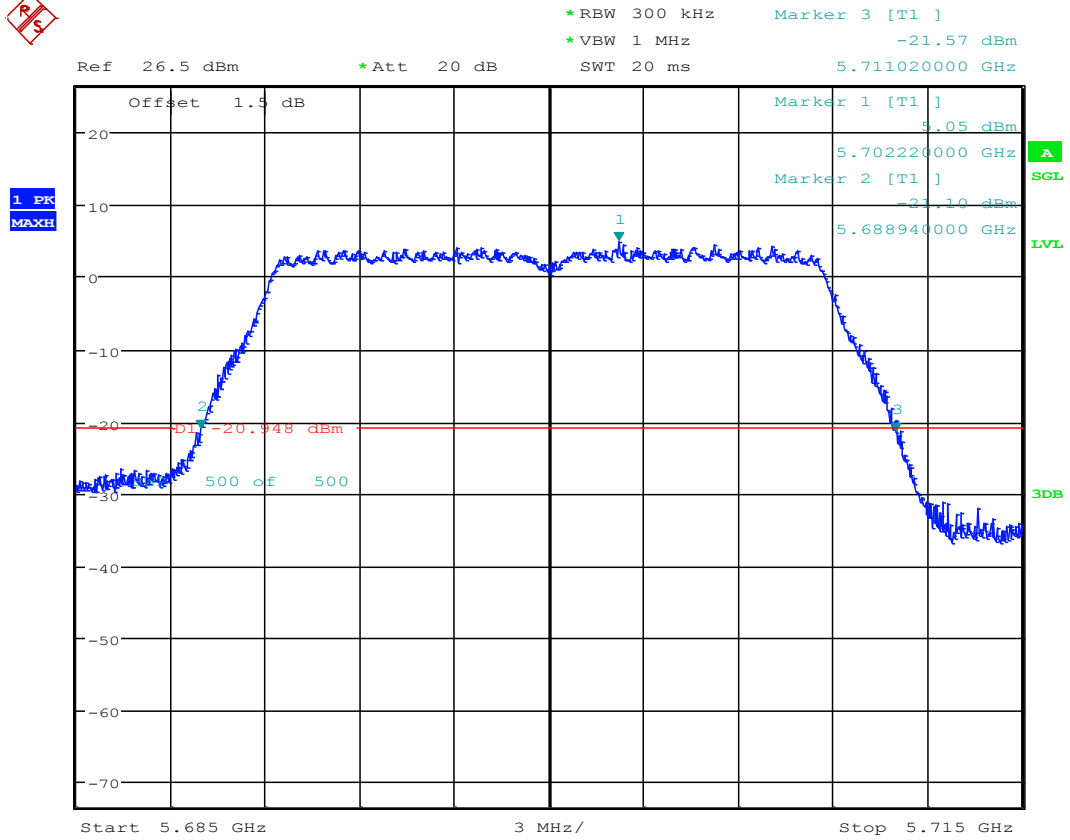
### 3.82 11AC20\_100 ANT 2



Date: 29.MAR.2018 15:19:44

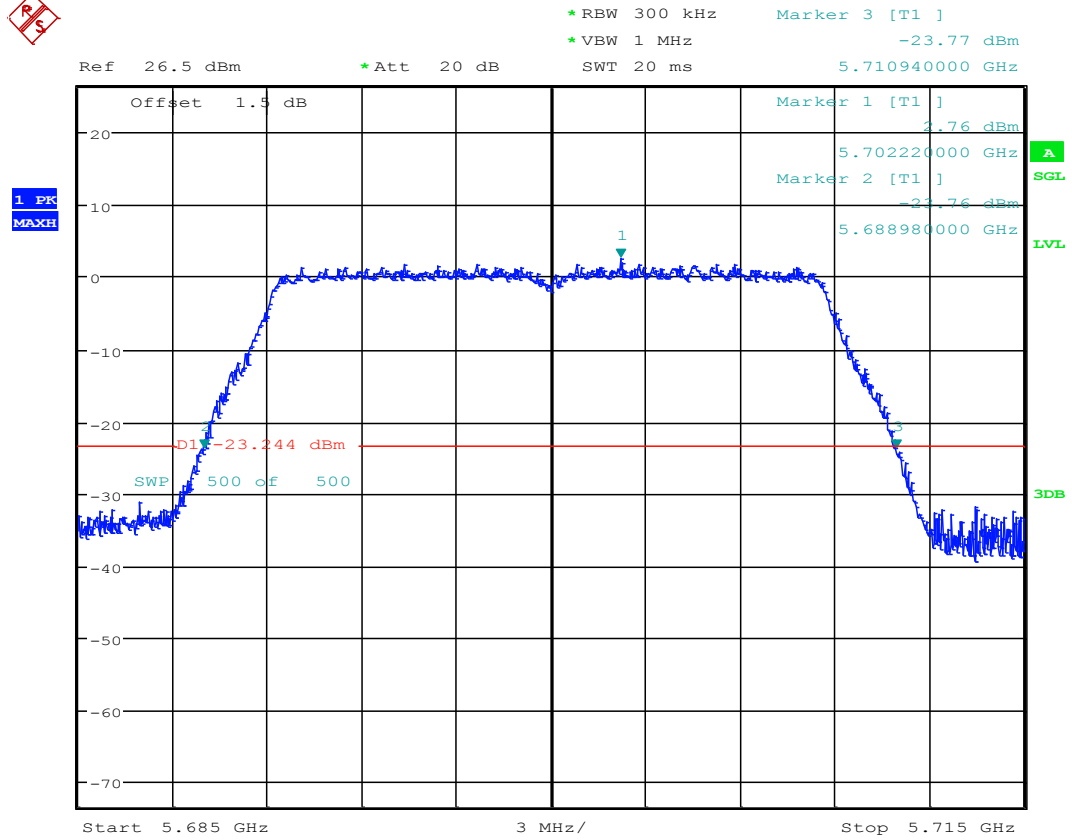


### 3.83 11AC20\_140 ANT 1



Date: 28.MAR.2018 16:35:57

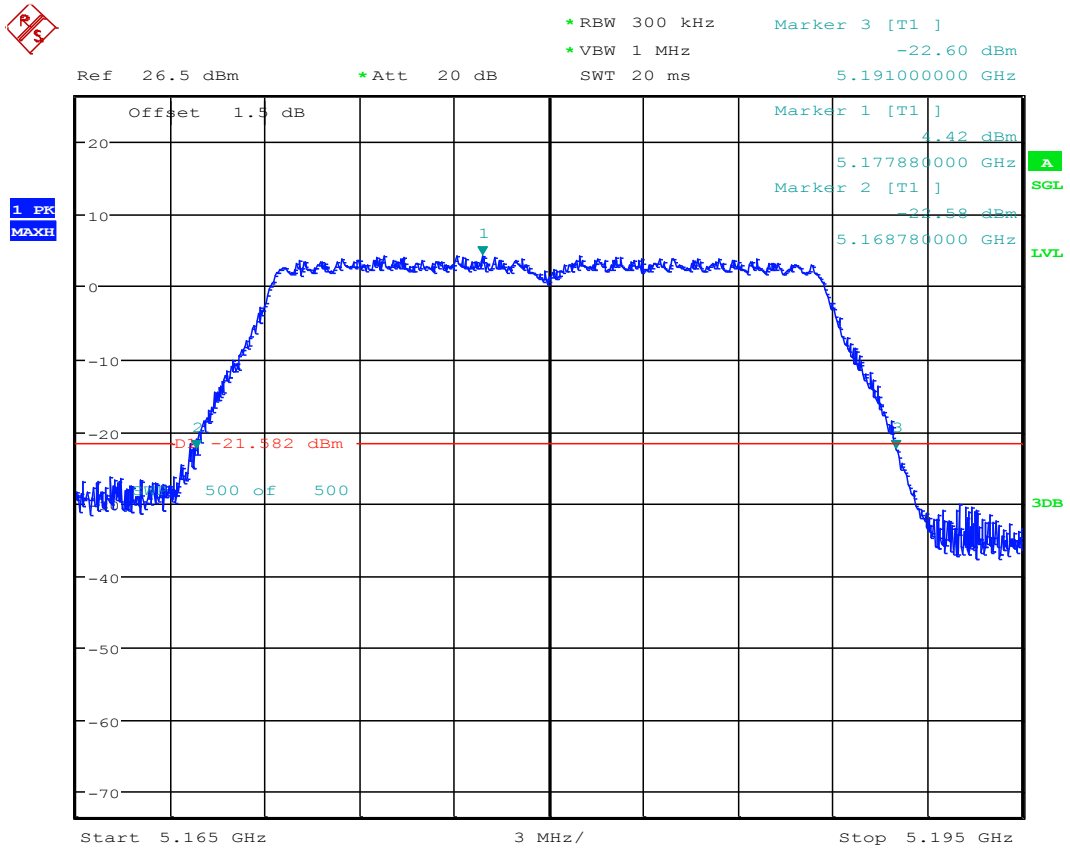
## 3.84 11AC20\_140 ANT 2



Date: 29.MAR.2018 15:23:16



### 3.85 11AC20MIMO\_36 ANT 1



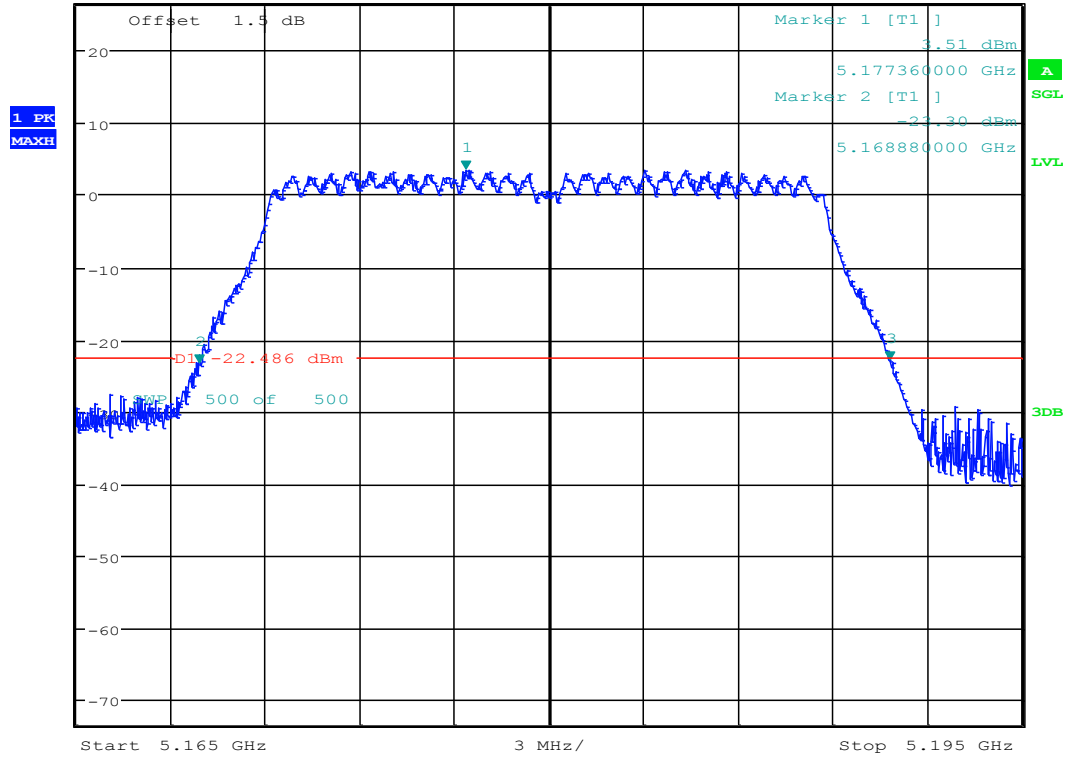
Date: 28.MAR.2018 19:06:32



### 3.86 11AC20MIMO\_36 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.90 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.190820000 GHz



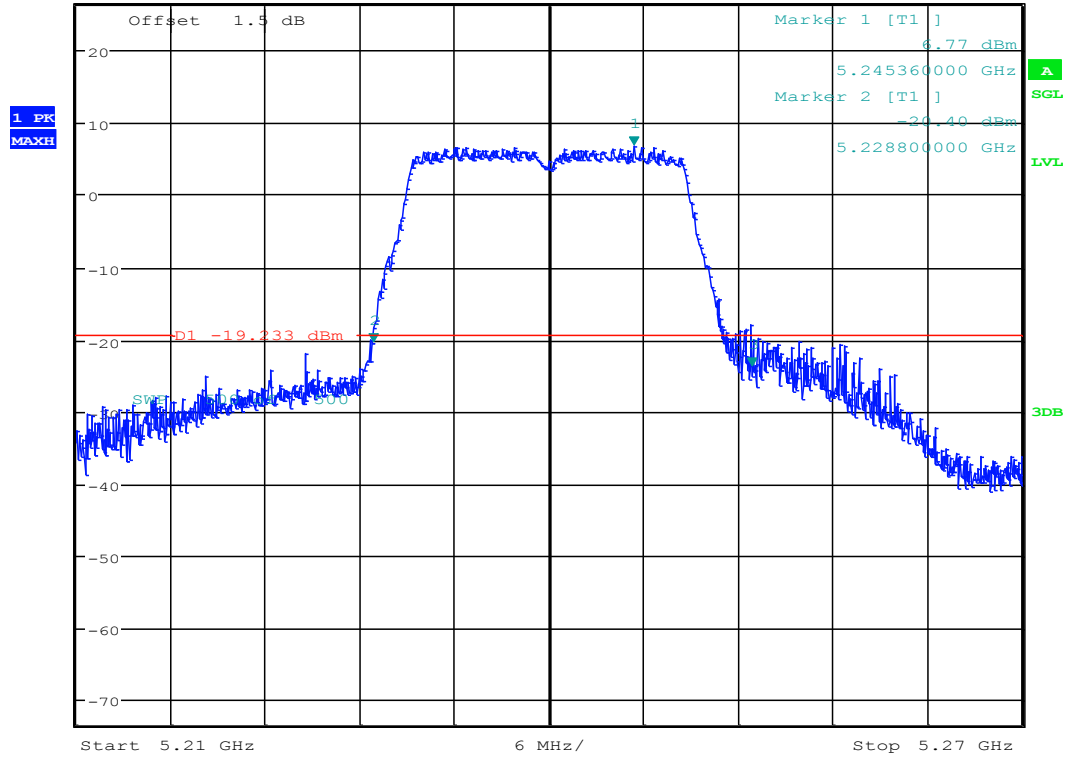
Date: 29.MAR.2018 18:43:25



### 3.87 11AC20MIMO\_48 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.83 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.252840000 GHz



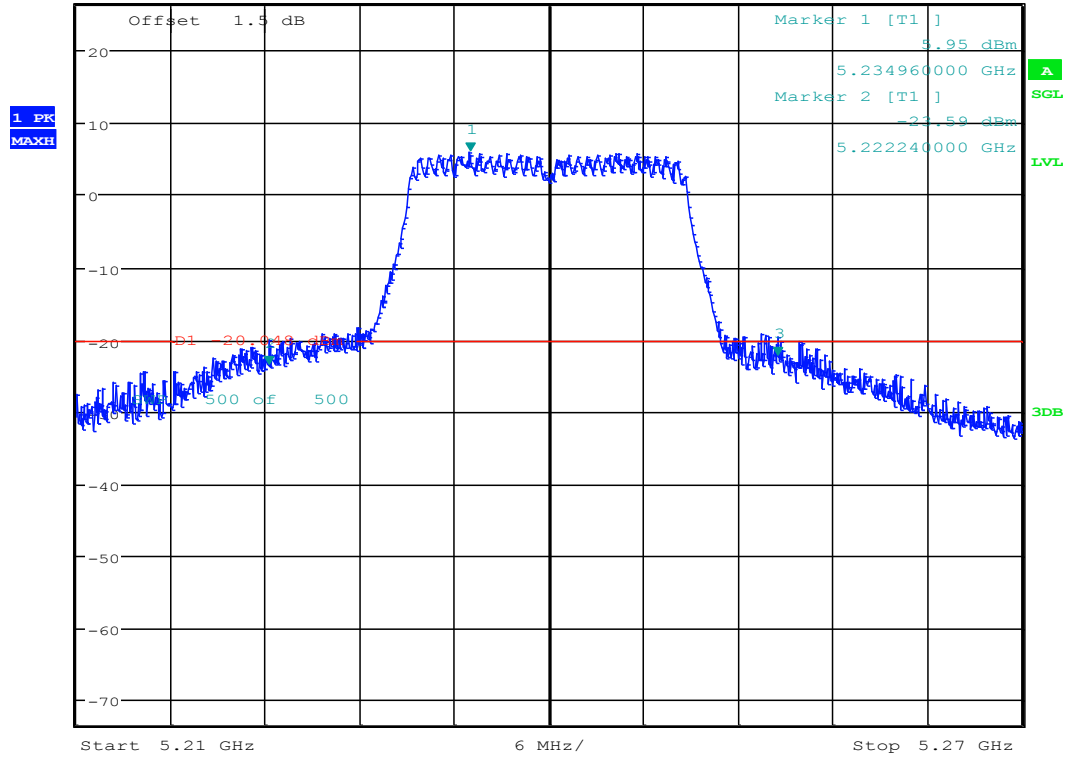
Date: 8.APR.2018 12:34:49



### 3.88 11AC20MIMO\_48 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.29 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.254560000 GHz



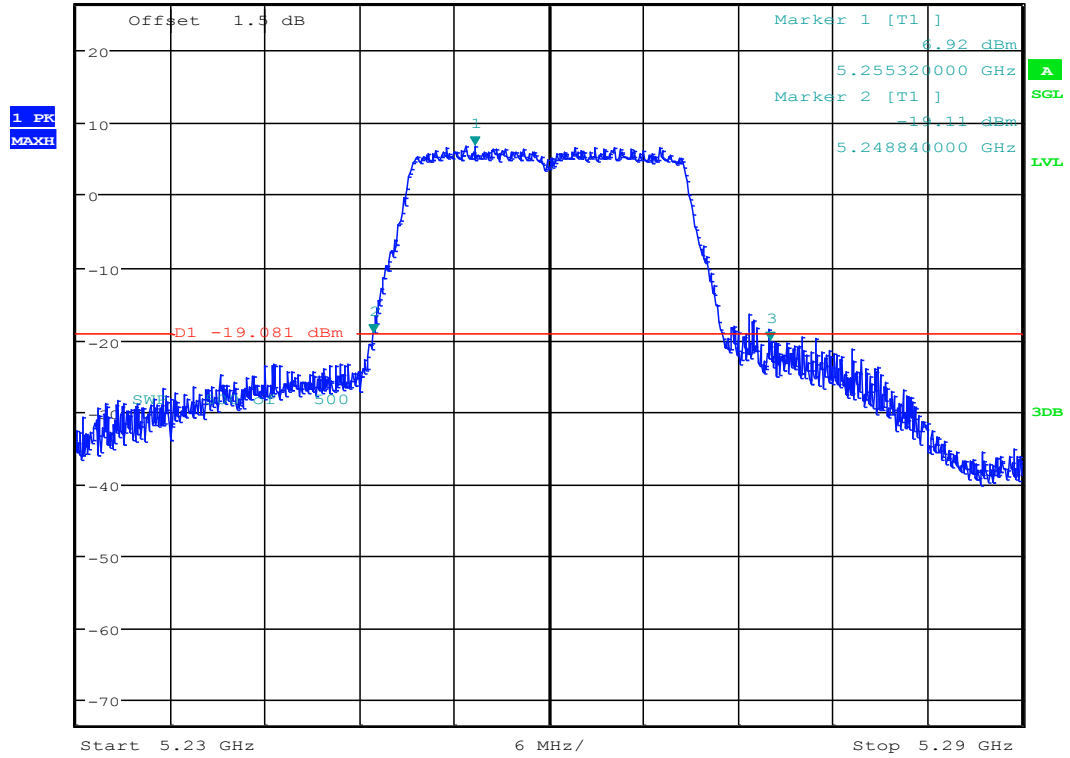
Date: 8.APR.2018 12:41:03



### 3.89 11AC20MIMO\_52 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.20 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.274000000 GHz



Date: 8.APR.2018 12:38:00

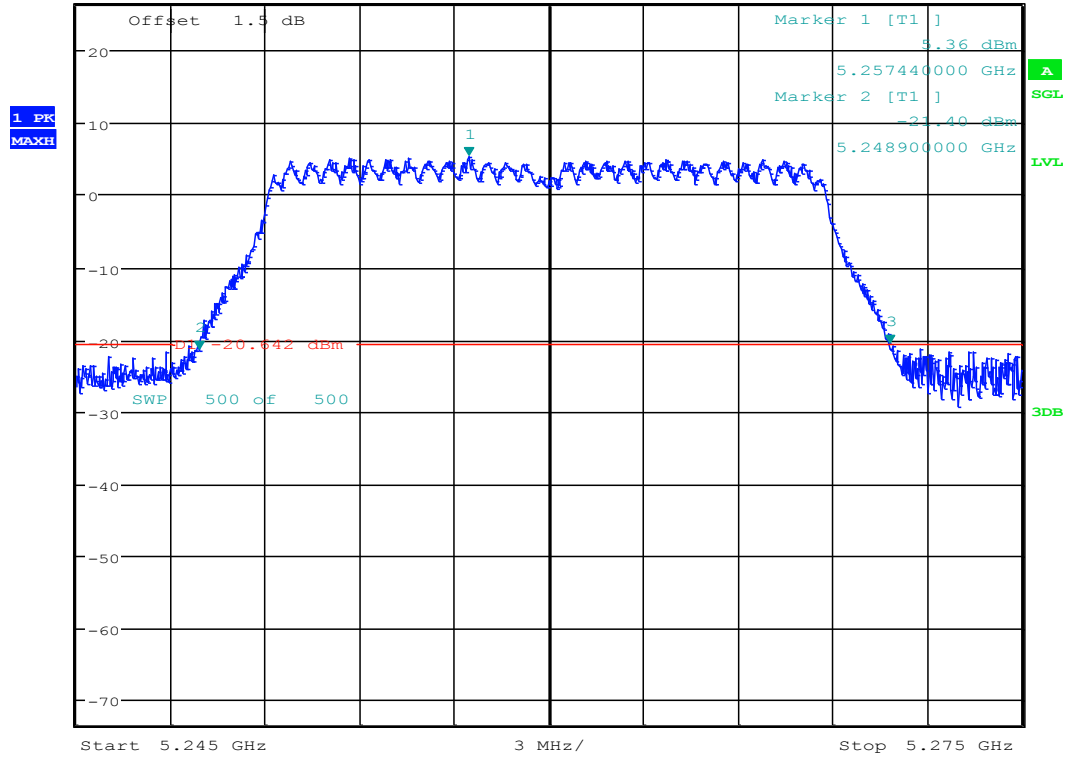




### 3.90 11AC20MIMO\_52 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -20.68 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.270800000 GHz



Date: 29.MAR.2018 18:48:33



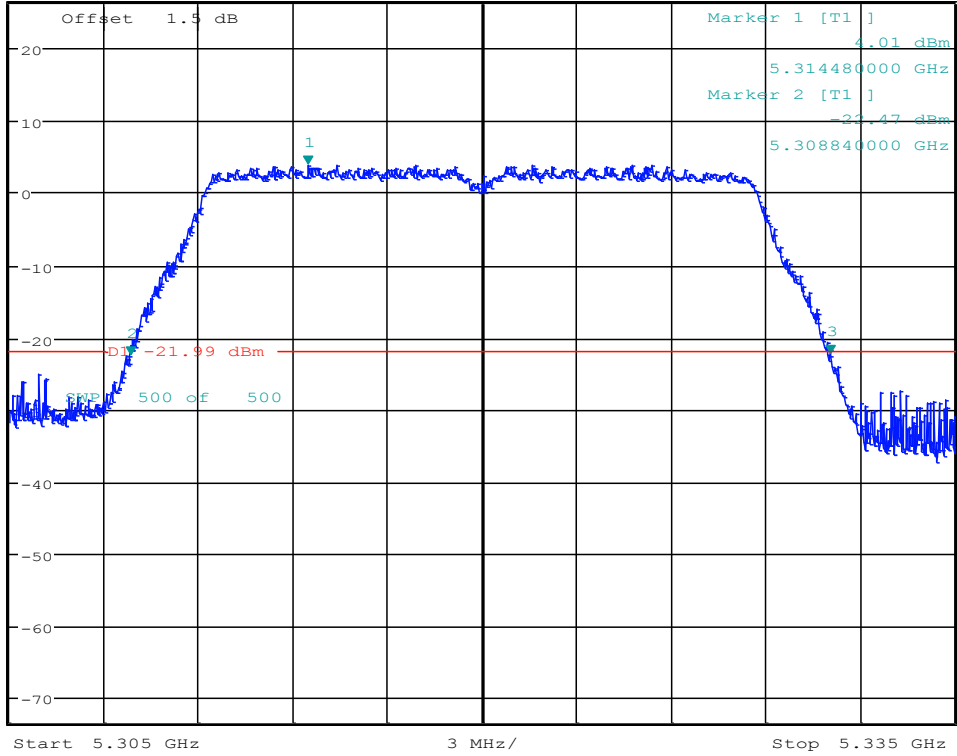
### 3.91 11AC20MIMO\_64 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.31 dBm  
 SWT 20 ms      5.331060000 GHz

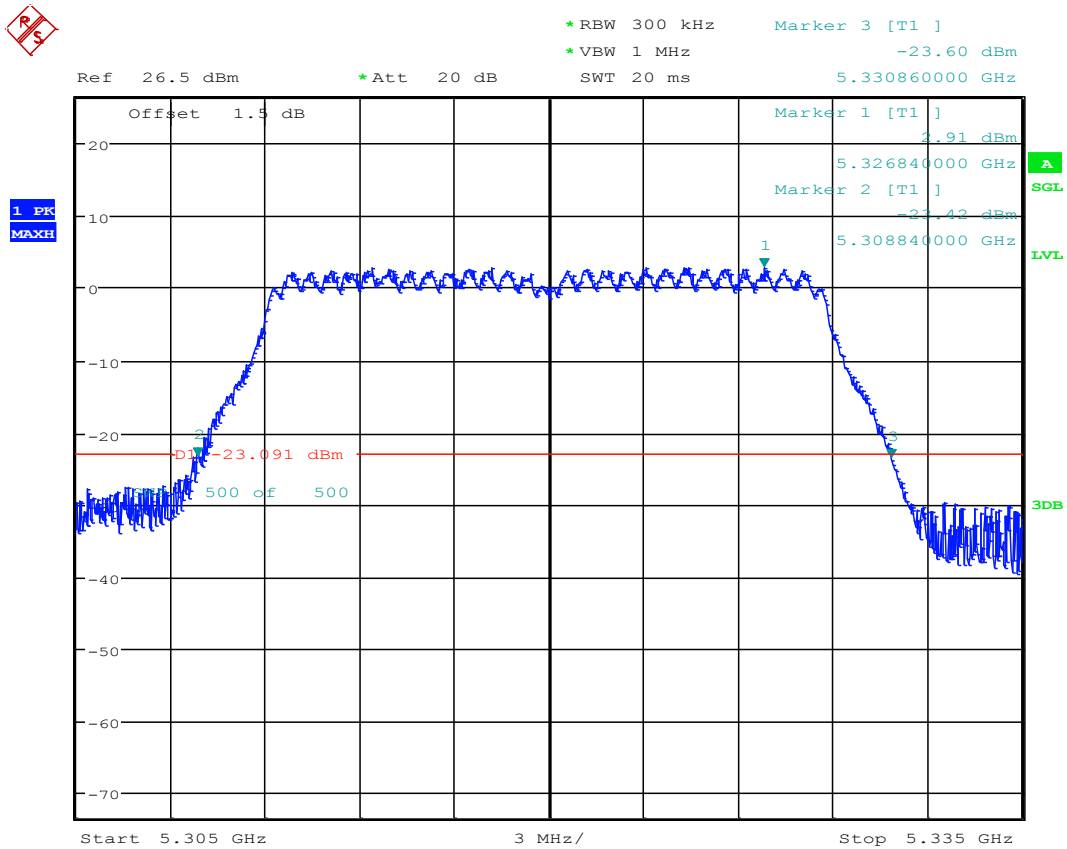
Ref 26.5 dBm      \*Att 20 dB

1 PK  
 MAXH



Date: 28.MAR.2018 19:14:11

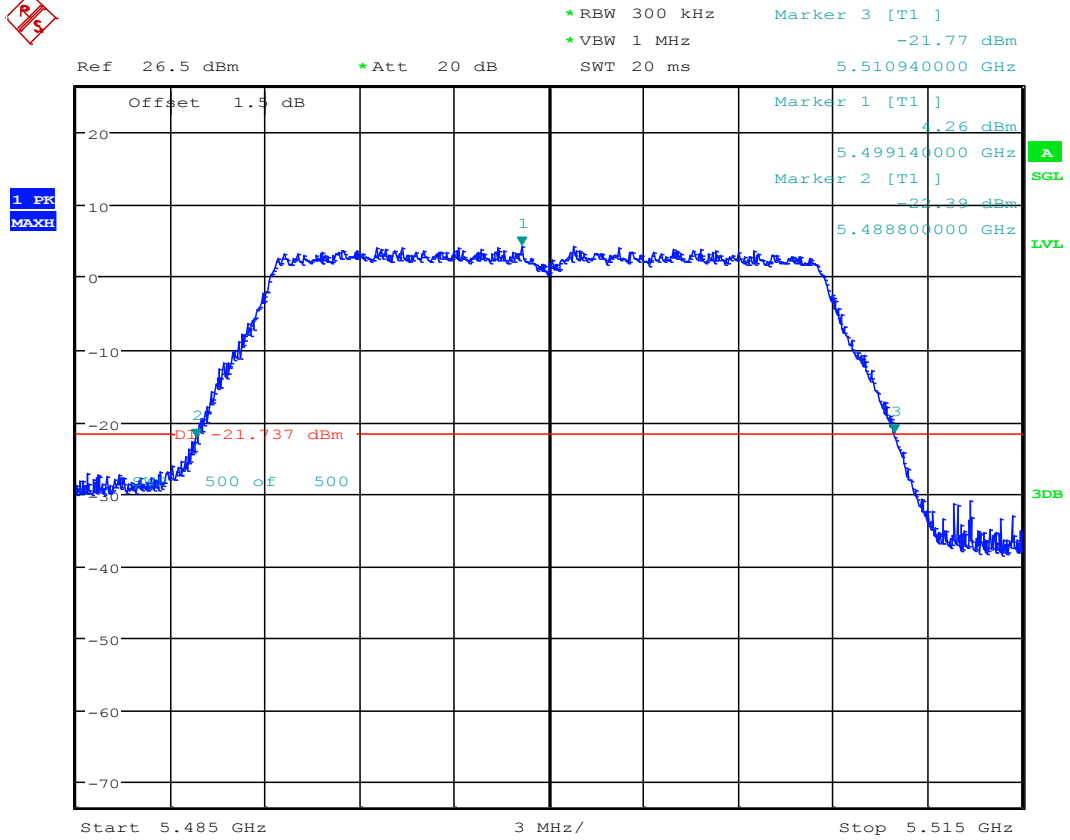
## 3.92 11AC20MIMO\_64 ANT 2



Date: 29.MAR.2018 18:51:42



### 3.93 11AC20MIMO\_100 ANT 1



Date: 28.MAR.2018 19:16:49



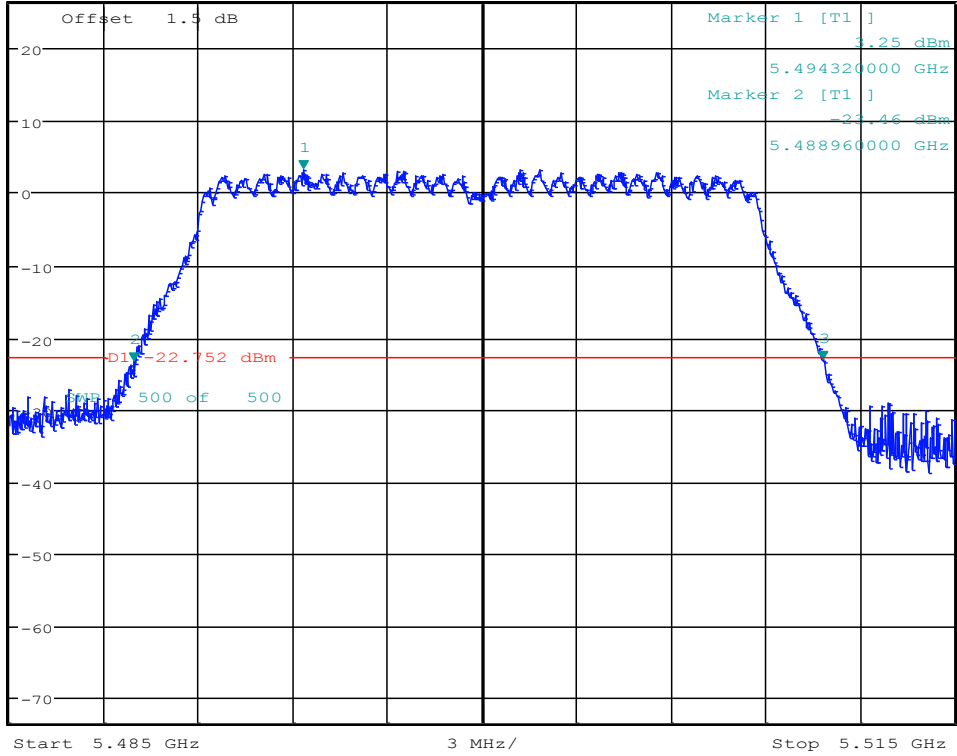
### 3.94 11AC20MIMO\_100 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.22 dBm  
 SWT 20 ms      5.510800000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
 MAXH



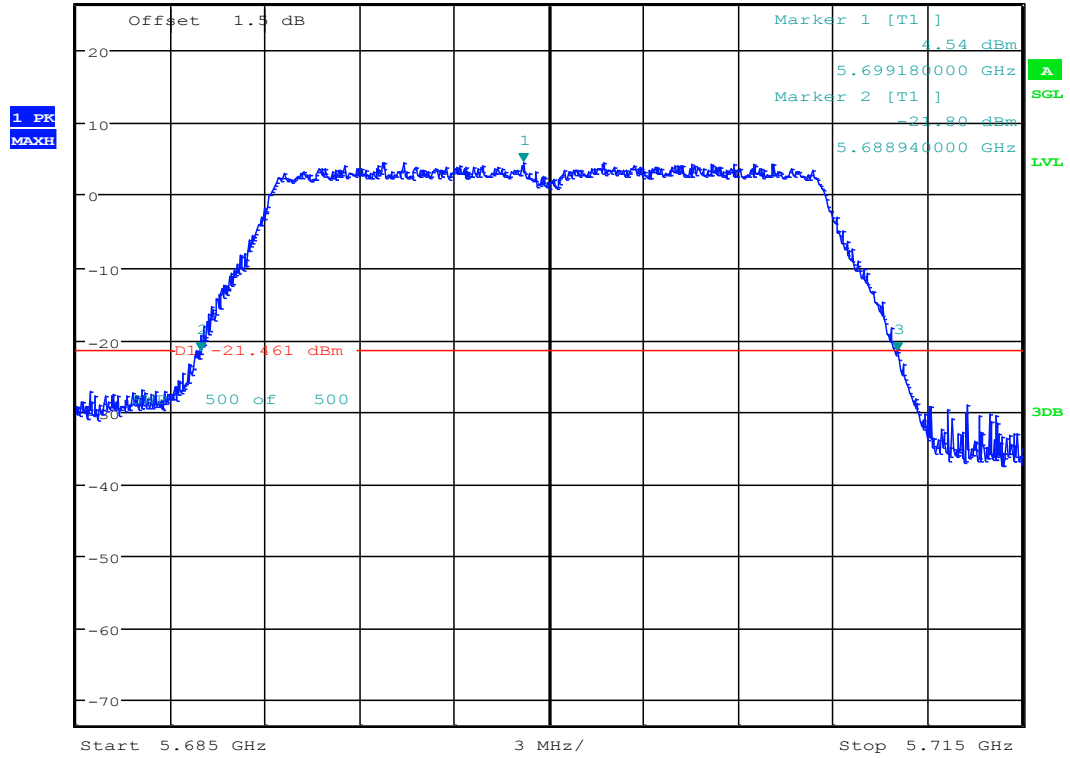
Date: 29.MAR.2018 18:54:23



### 3.95 11AC20MIMO\_140 ANT 1



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.80 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.711060000 GHz



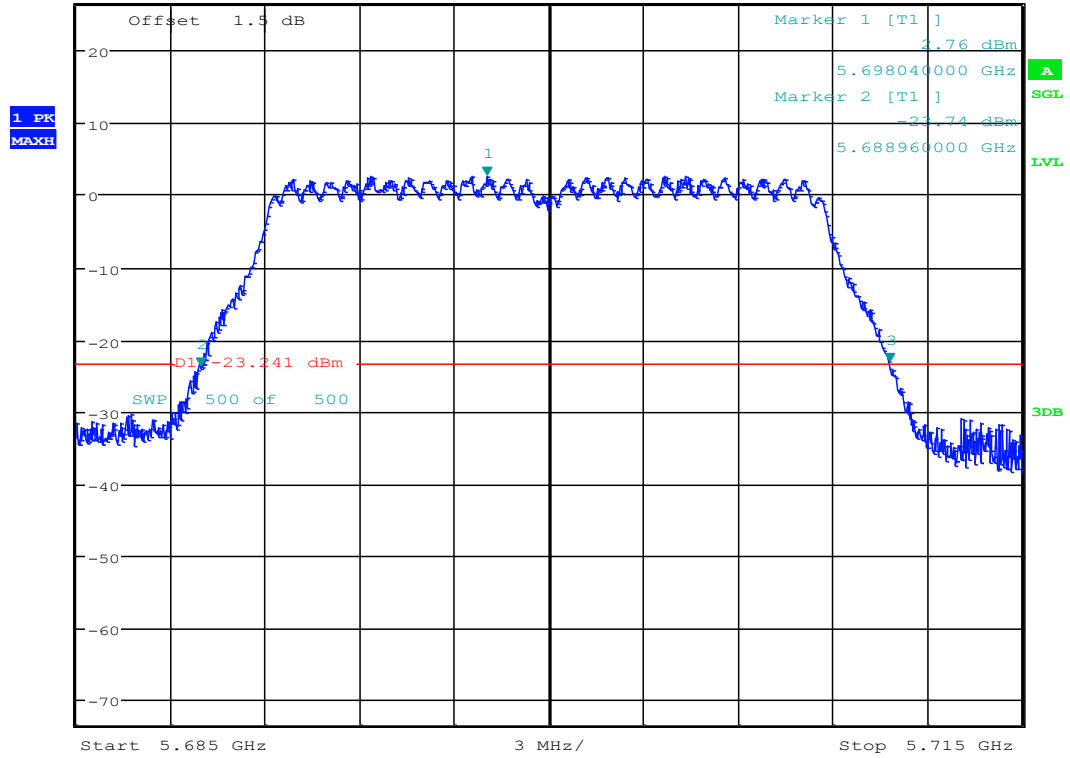
Date: 28.MAR.2018 19:19:11



### 3.96 11AC20MIMO\_140 ANT 2



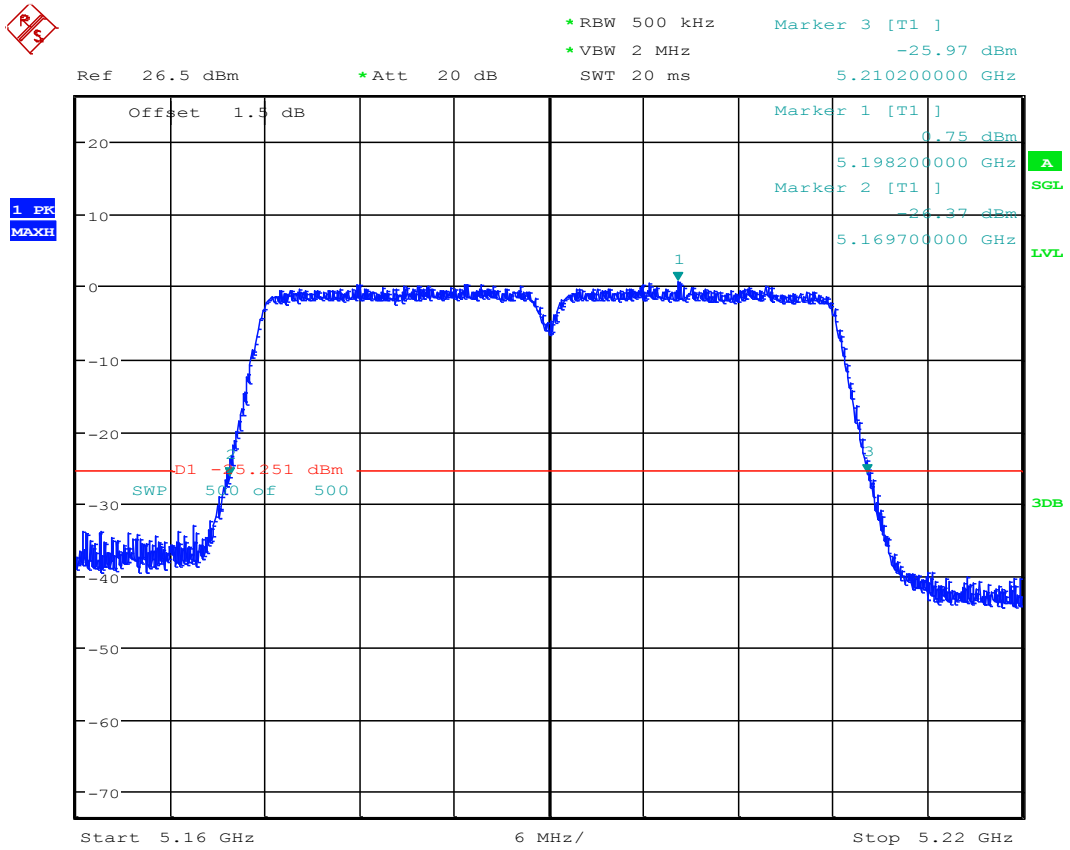
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.26 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.710820000 GHz



Date: 29.MAR.2018 18:57:00



### 3.97 11AC40\_38 ANT 1

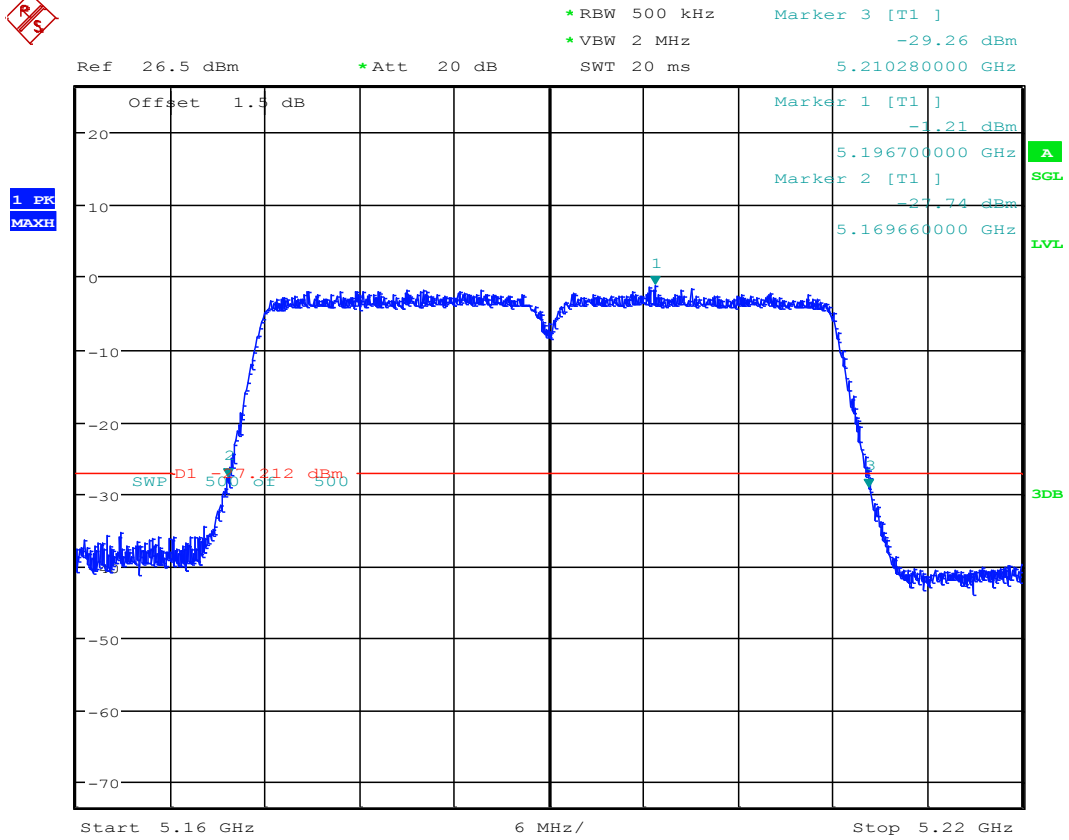


Date: 28.MAR.2018 16:47:06





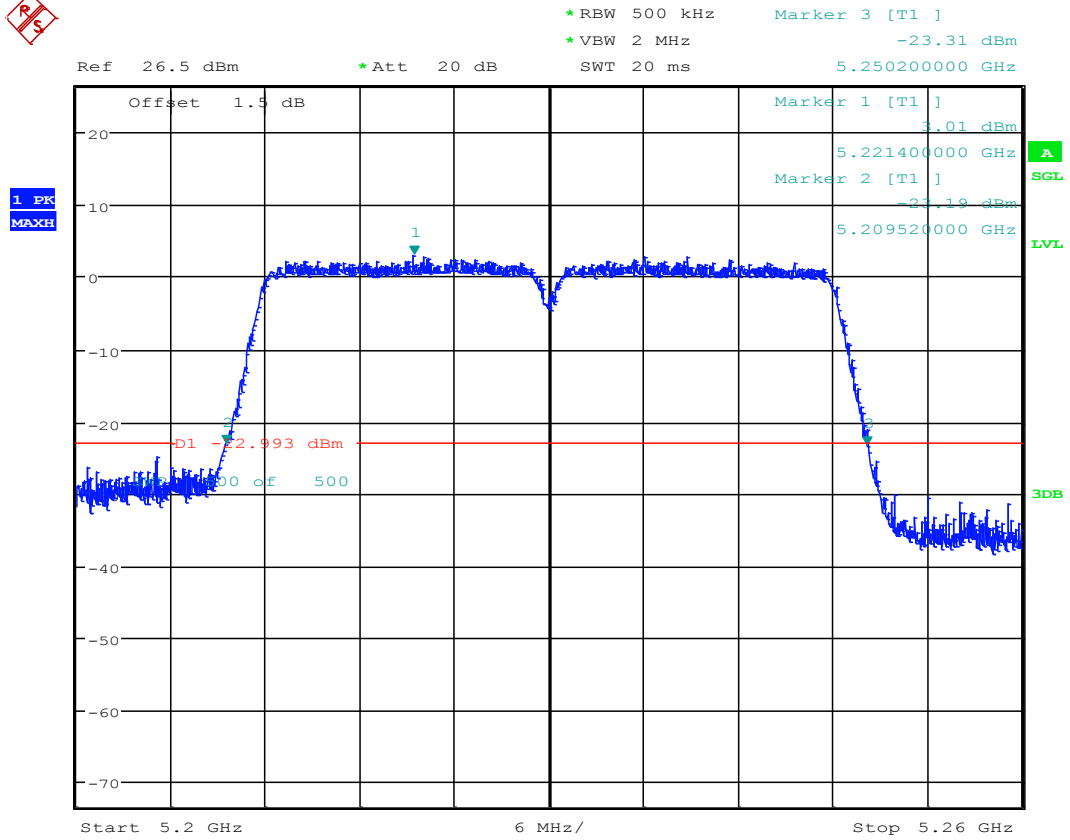
### 3.98 11AC40\_38 ANT 2



Date: 29.MAR.2018 15:38:23



### 3.99 11AC40\_46 ANT 1



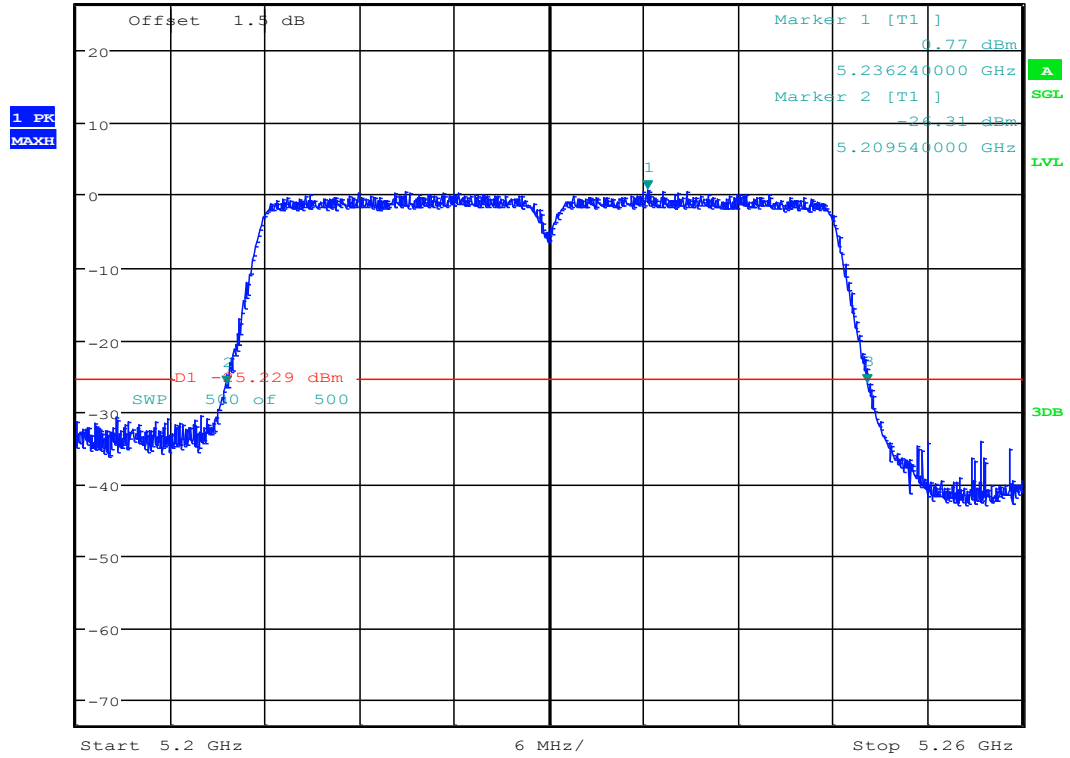
Date: 28.MAR.2018 16:50:15



### 3.100 11AC40\_46 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.14 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.250200000 GHz



Date: 29.MAR.2018 15:41:58



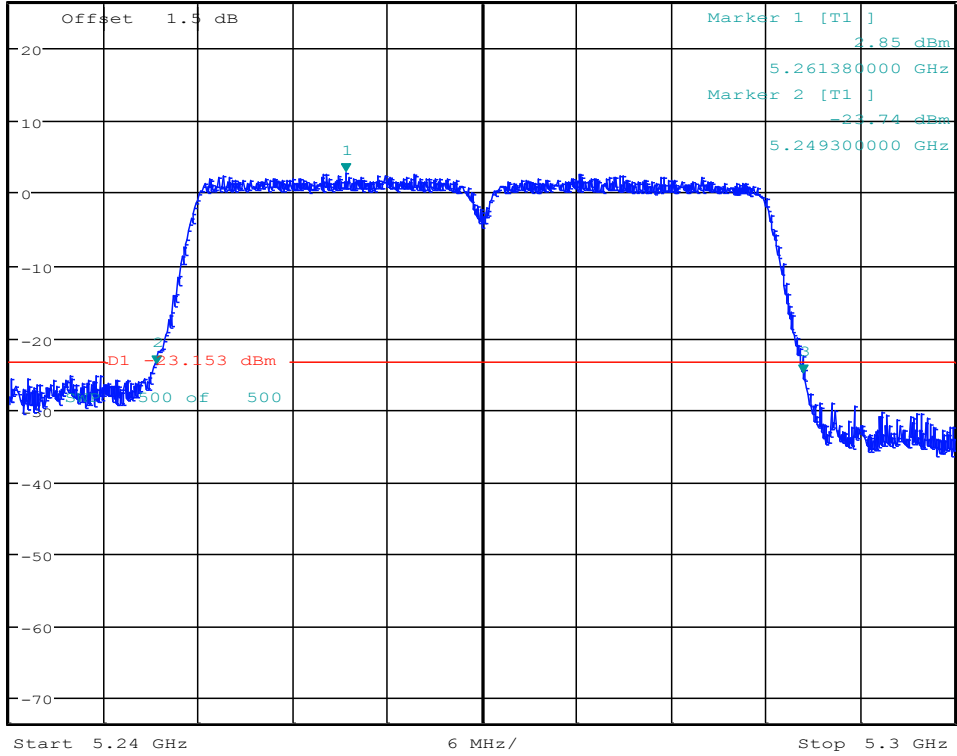
### 3.101 11AC40\_54 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -24.97 dBm  
 SWT 20 ms      5.290340000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



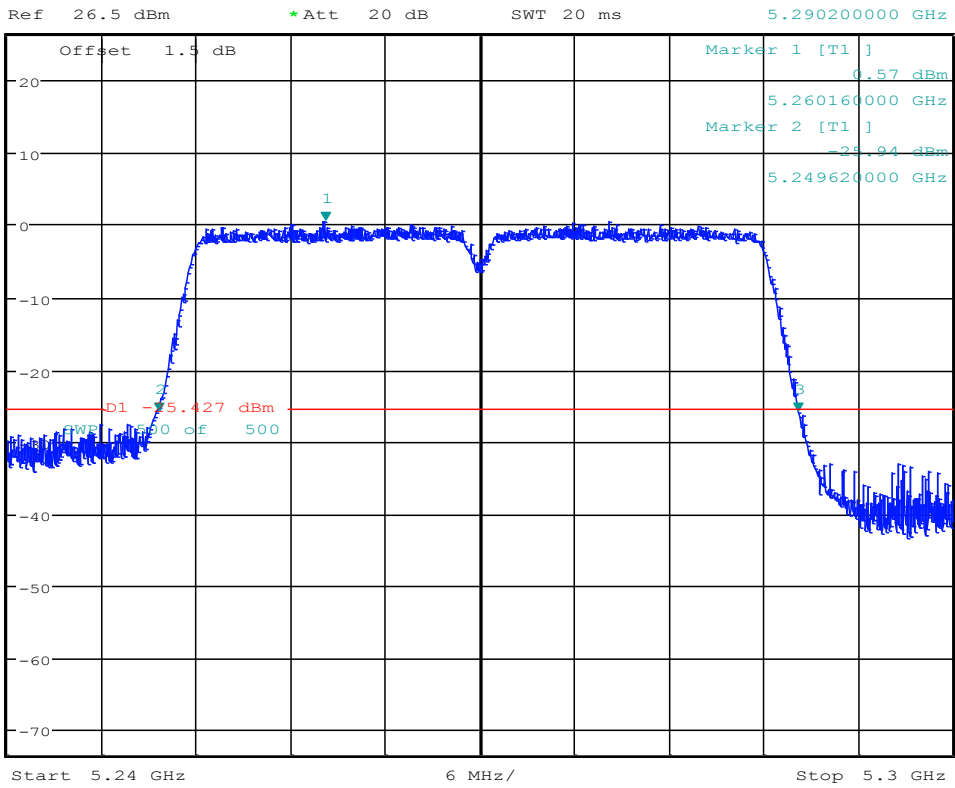
Date: 28.MAR.2018 16:53:02



### 3.102 11AC40\_54 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.83 dBm  
 SWT 20 ms      5.290200000 GHz



Date: 29.MAR.2018 15:46:53



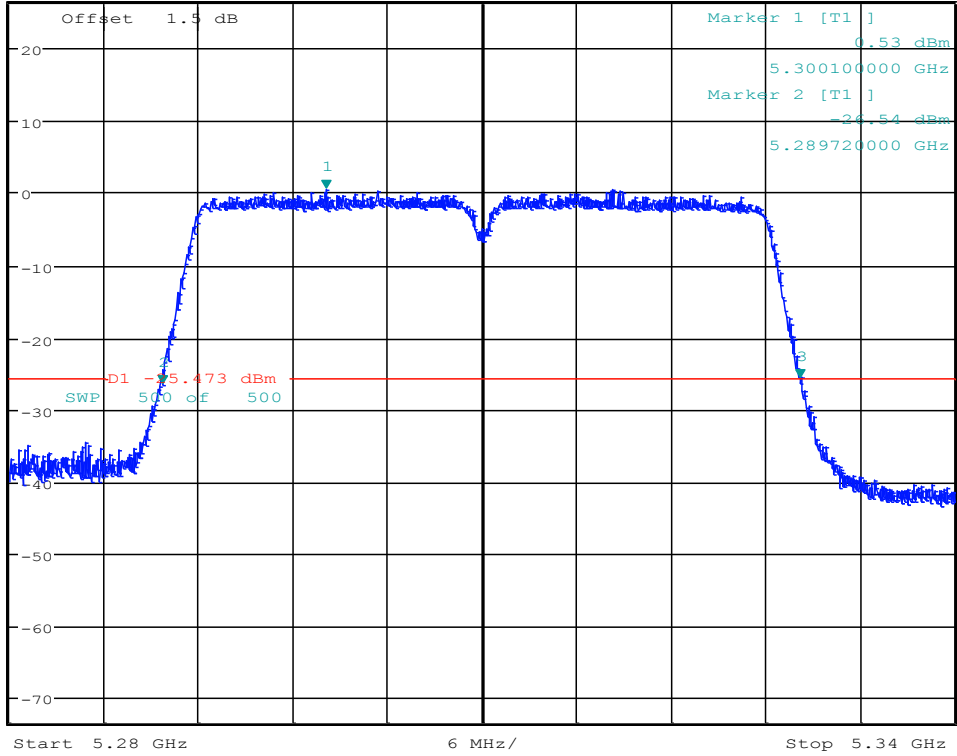
### 3.103 11AC40\_62 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.78 dBm  
 SWT 20 ms      5.330200000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



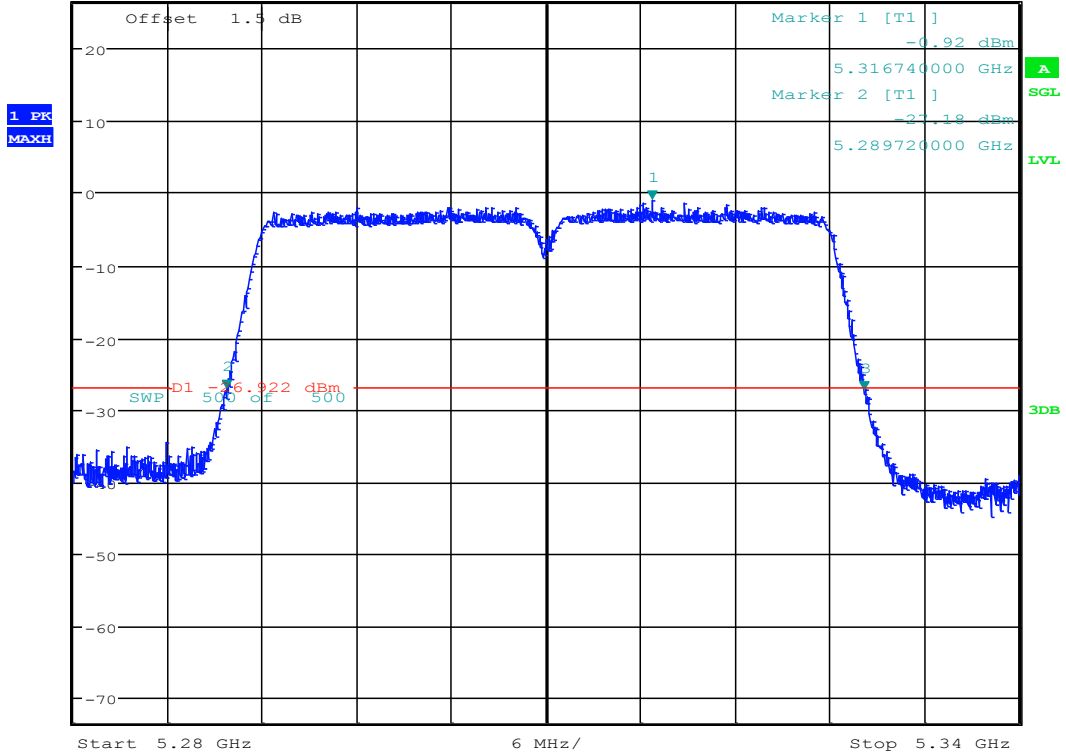
Date: 28.MAR.2018 16:55:28



### 3.104 11AC40\_62 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -27.41 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.330220000 GHz



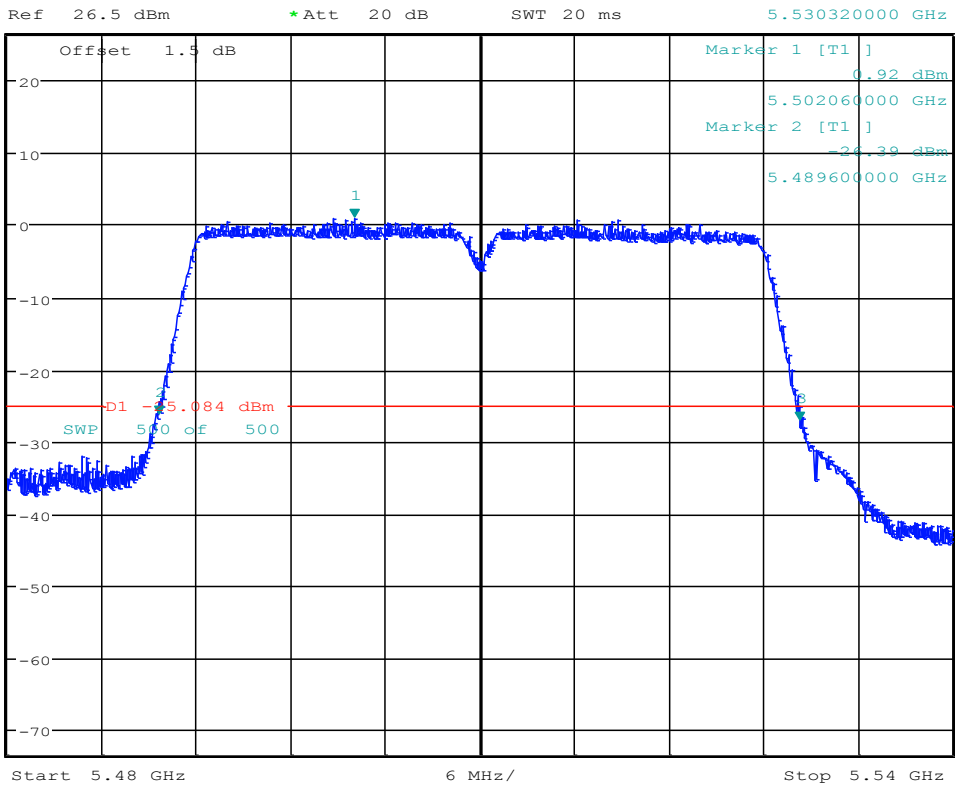
Date: 29.MAR.2018 15:50:24



### 3.105 11AC40\_102 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -27.26 dBm  
 SWT 20 ms      5.530320000 GHz



Date: 28.MAR.2018 16:58:26





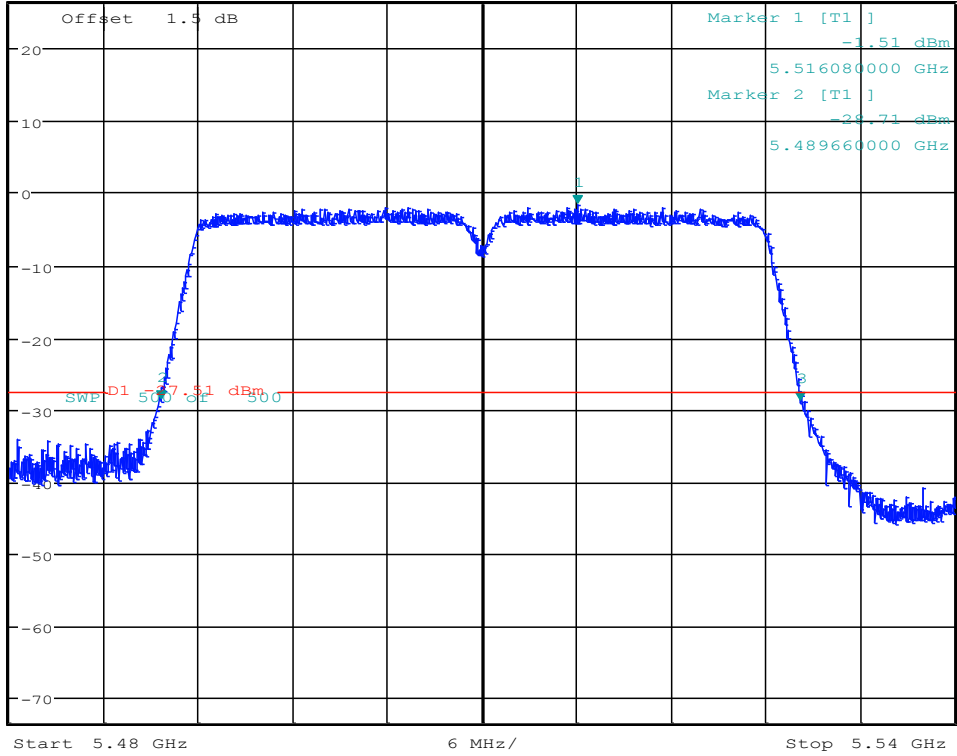
### 3.106 11AC40\_102 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -28.90 dBm  
 SWT 20 ms      5.530220000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



Date: 29.MAR.2018 15:54:36



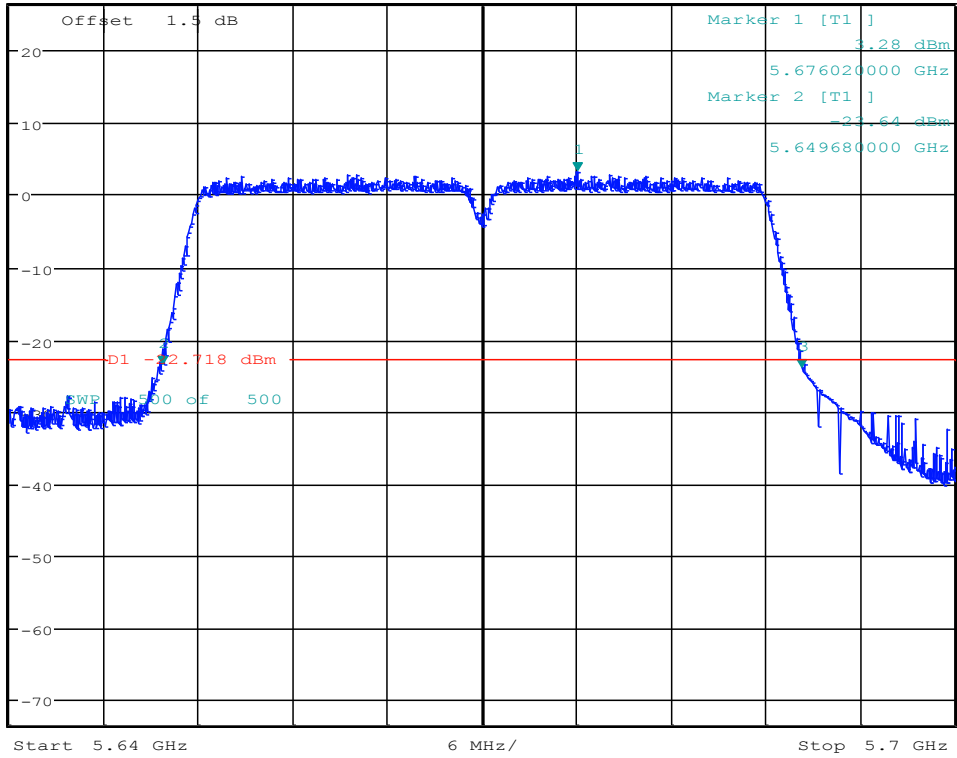
### 3.107 11AC40\_134 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -23.95 dBm  
 SWT 20 ms      5.690320000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



Date: 28.MAR.2018 17:03:10



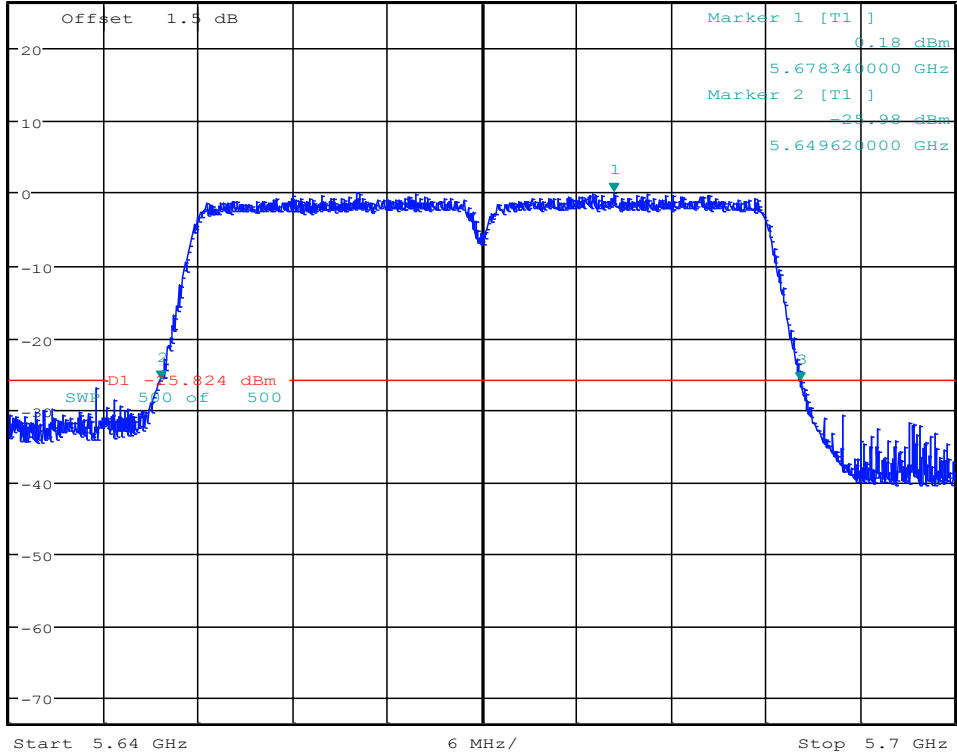
### 3.108 11AC40\_134 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.08 dBm  
 SWT 20 ms      5.690180000 GHz

Ref 26.5 dBm      \*Att 20 dB

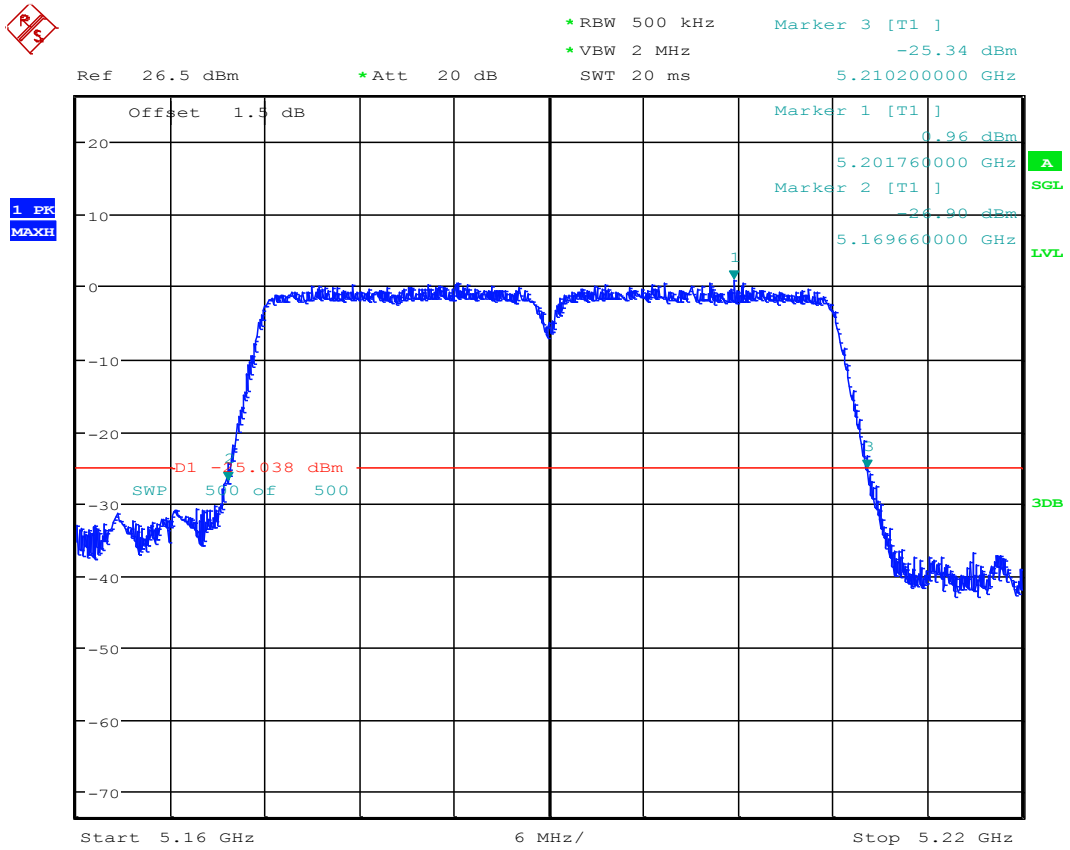
1 PK  
MAXH



Date: 29.MAR.2018 15:58:33



### 3.109 11AC40MIMO\_38 ANT 1



Date: 28.MAR.2018 19:31:30



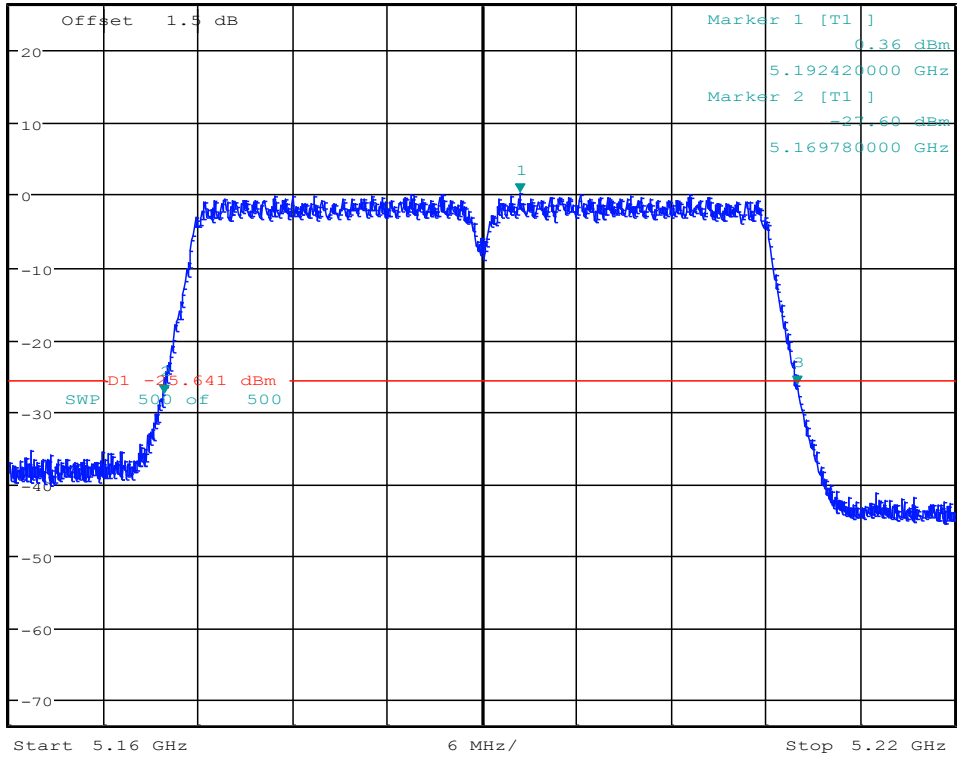
### 3.110 11AC40MIMO\_38 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.25 dBm  
 SWT 20 ms      5.210000000 GHz

Ref 26.5 dBm      \*Att 20 dB

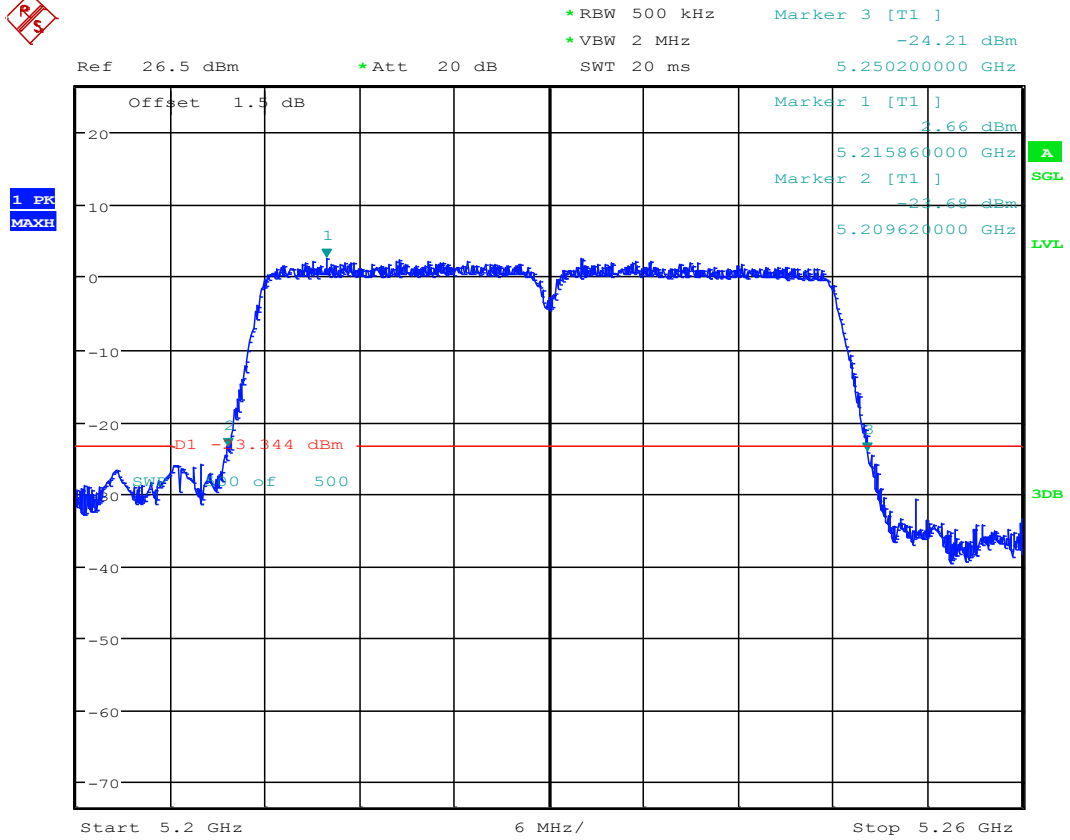
1 PK  
MAXH



Date: 29.MAR.2018 19:09:01



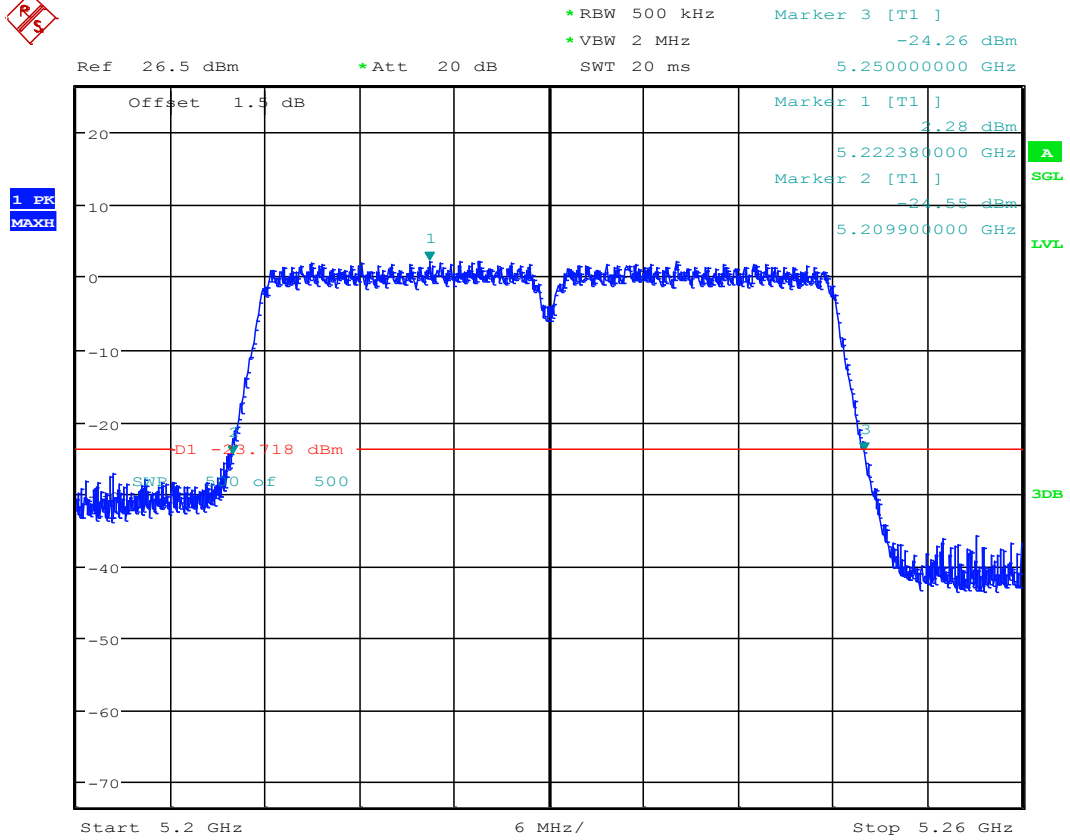
### 3.111 11AC40MIMO\_46 ANT 1



Date: 28.MAR.2018 19:34:06



### 3.112 11AC40MIMO\_46 ANT 2



Date: 29.MAR.2018 19:11:35

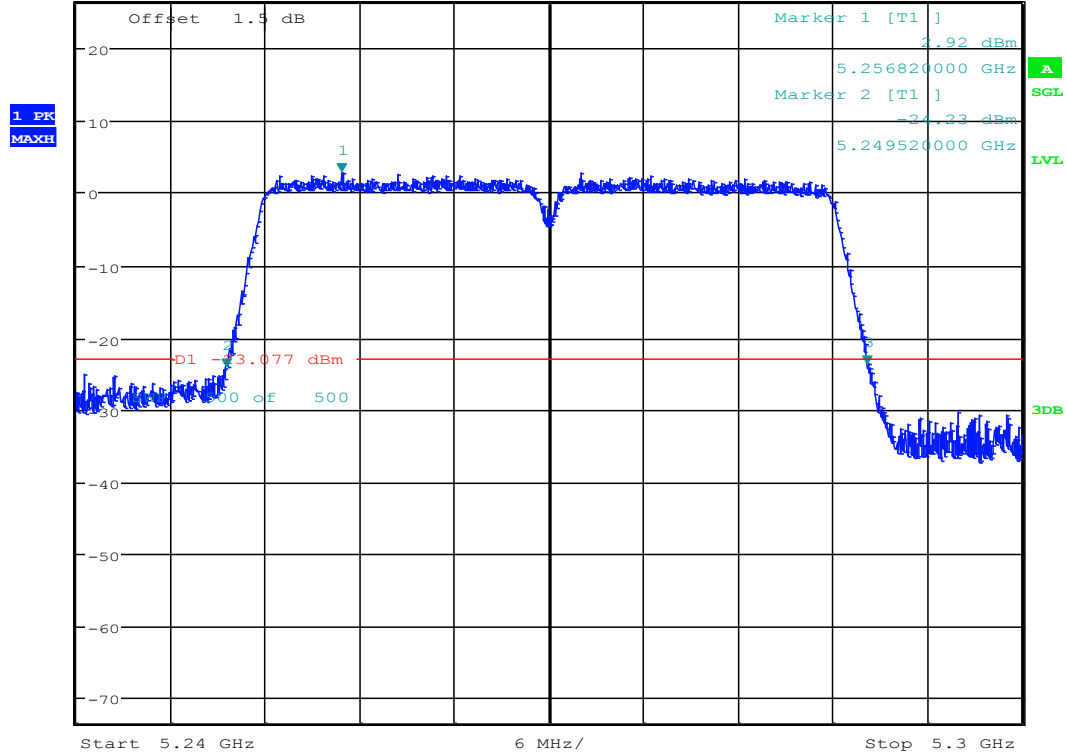


### 3.113 11AC40MIMO\_54 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -23.72 dBm  
 SWT 20 ms      5.290160000 GHz

Ref 26.5 dBm      \*Att 20 dB



Date: 28.MAR.2018 19:36:53









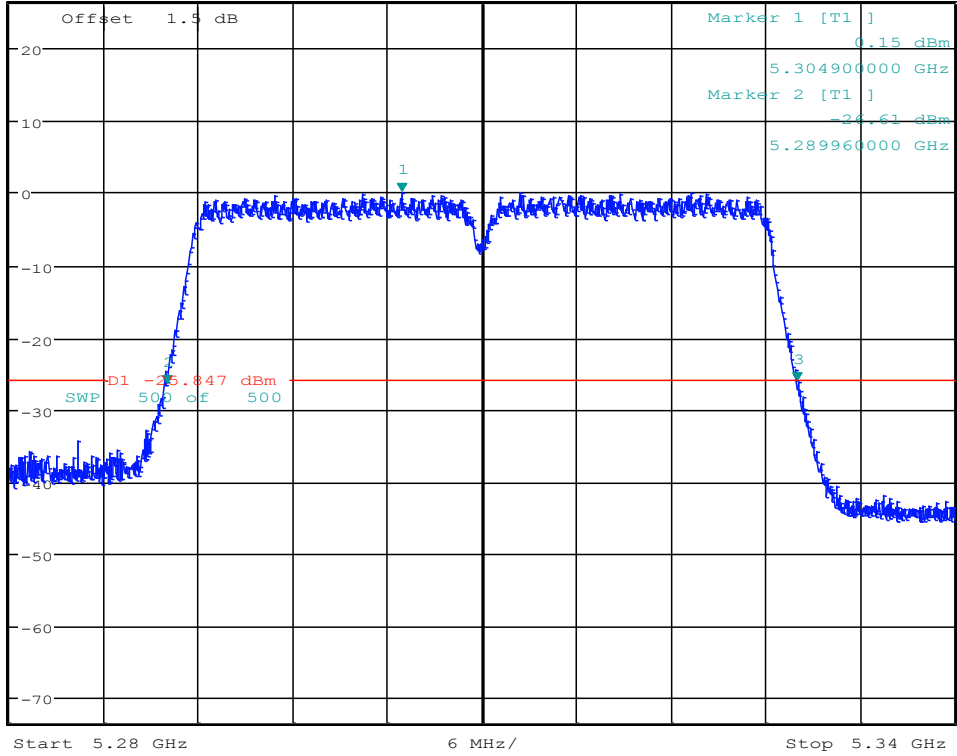
### 3.116 11AC40MIMO\_62 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.07 dBm  
 SWT 20 ms      5.329960000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
 MAXH



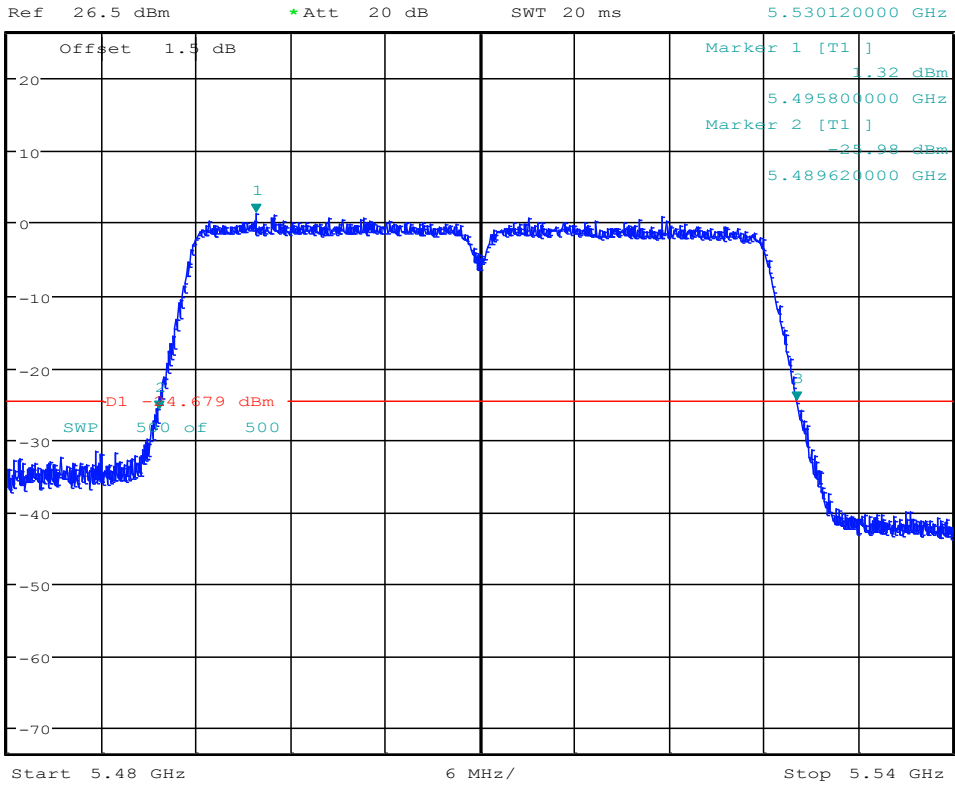
Date: 29.MAR.2018 19:16:41



### 3.117 11AC40MIMO\_102 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -24.71 dBm  
 SWT 20 ms      5.530120000 GHz



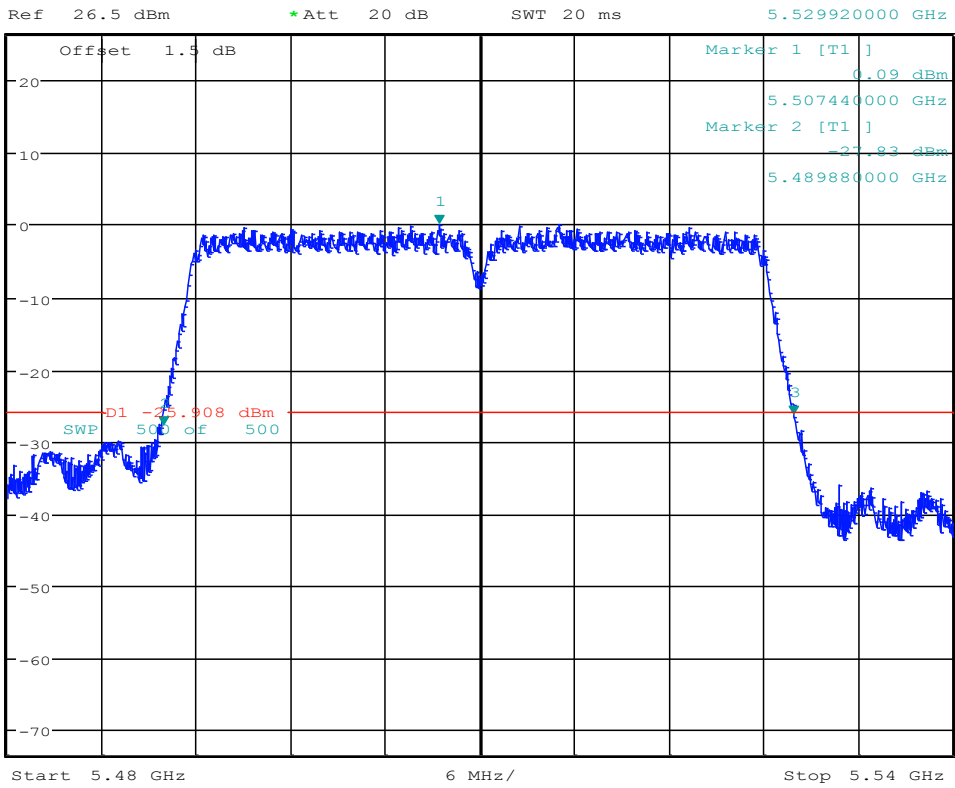
Date: 28.MAR.2018 19:41:55



### 3.118 11AC40MIMO\_102 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.43 dBm  
 SWT 20 ms      5.529920000 GHz



Date: 29.MAR.2018 19:19:23



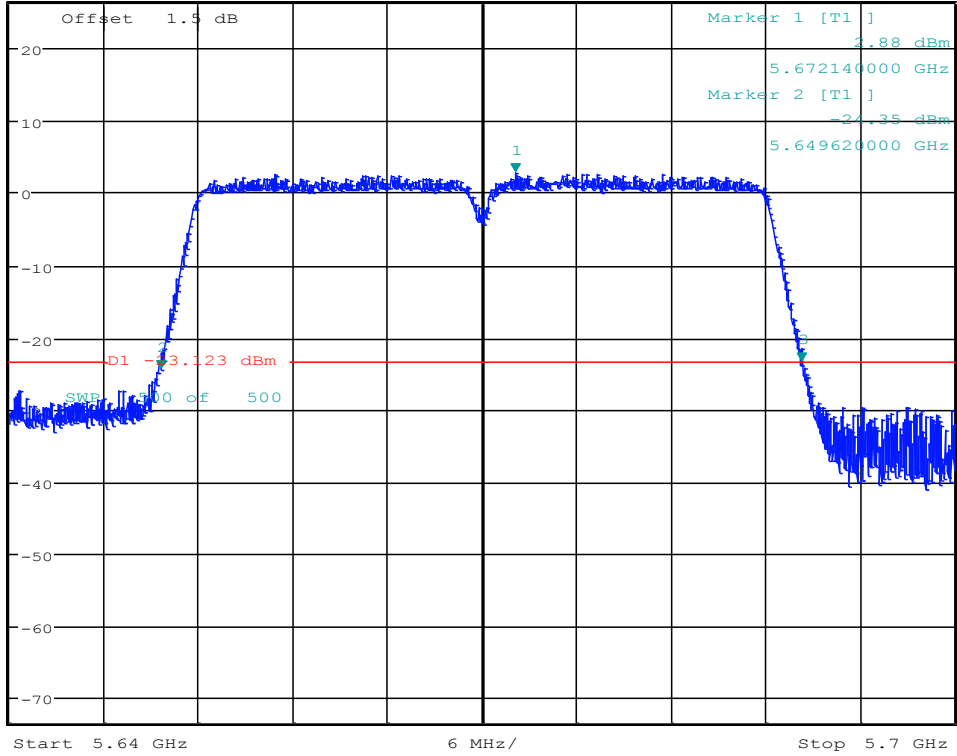
### 3.119 11AC40MIMO\_134 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -23.50 dBm  
 SWT 20 ms      5.690320000 GHz

Ref 26.5 dBm      \*Att 20 dB

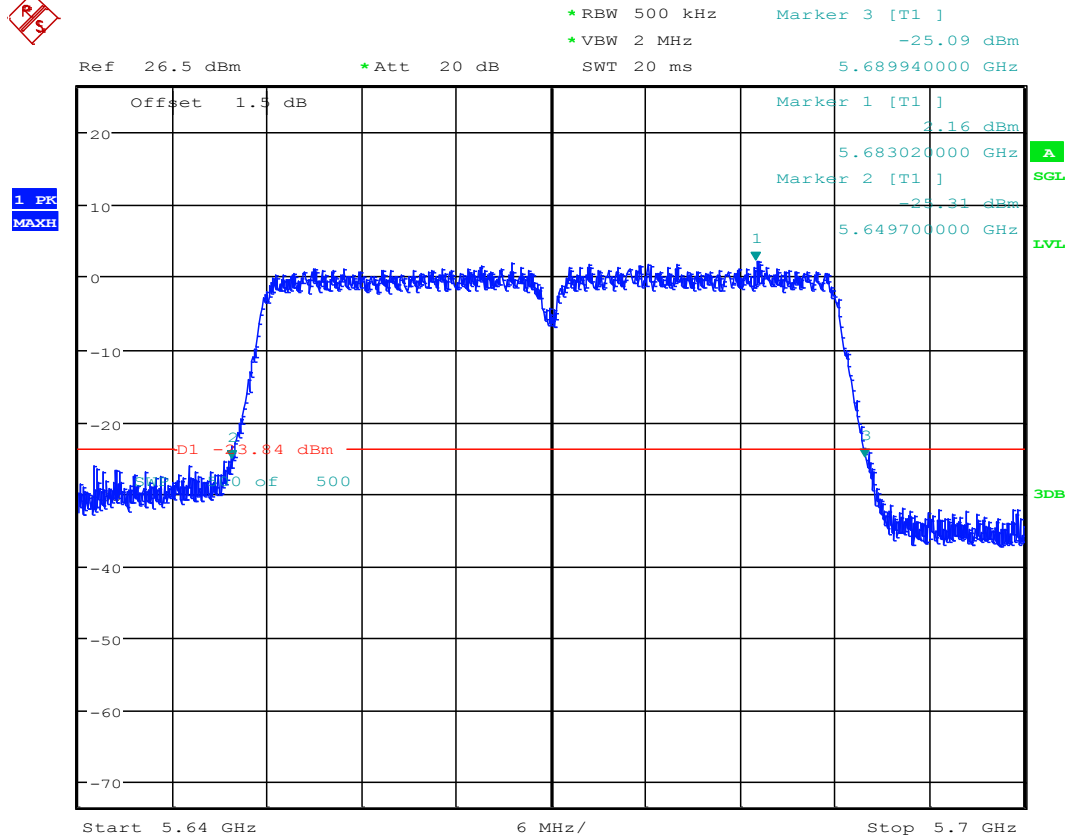
1 PK  
 MAXH



Date: 28.MAR.2018 19:44:19



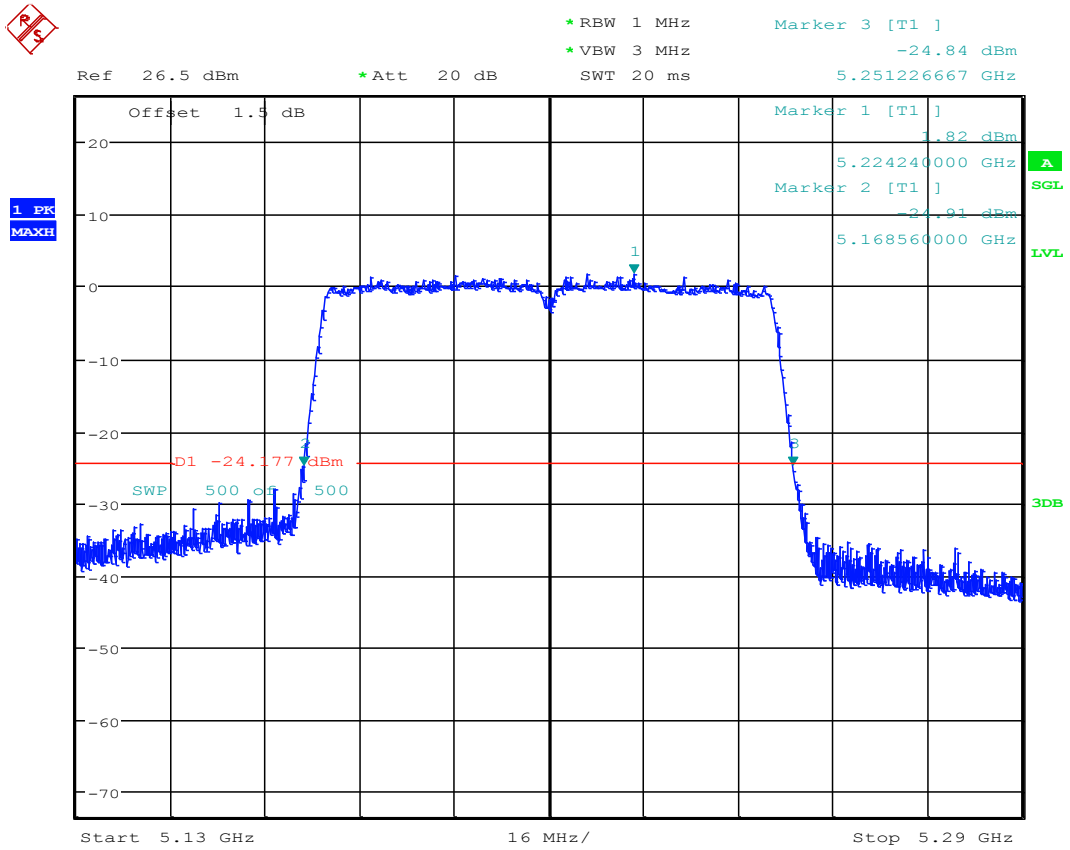
### 3.120 11AC40MIMO\_134 ANT 2



Date: 29.MAR.2018 19:22:13



### 3.121 11AC80\_42 ANT 1



Date: 28.MAR.2018 17:18:46





### 3.122 11AC80\_42 ANT 2

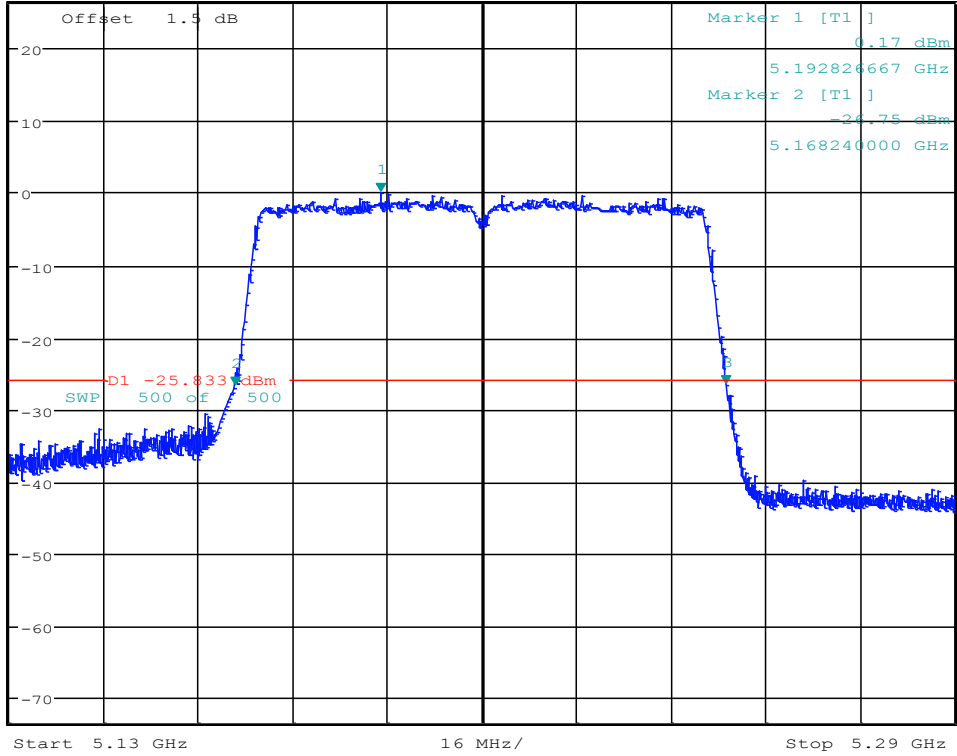


\*RBW 1 MHz  
 \*VBW 3 MHz  
 SWT 20 ms

Marker 3 [T1 ]  
 -26.61 dBm  
 5.251280000 GHz

Ref 26.5 dBm \*Att 20 dB

1 PK  
 MAXH



Date: 29.MAR.2018 16:15:58



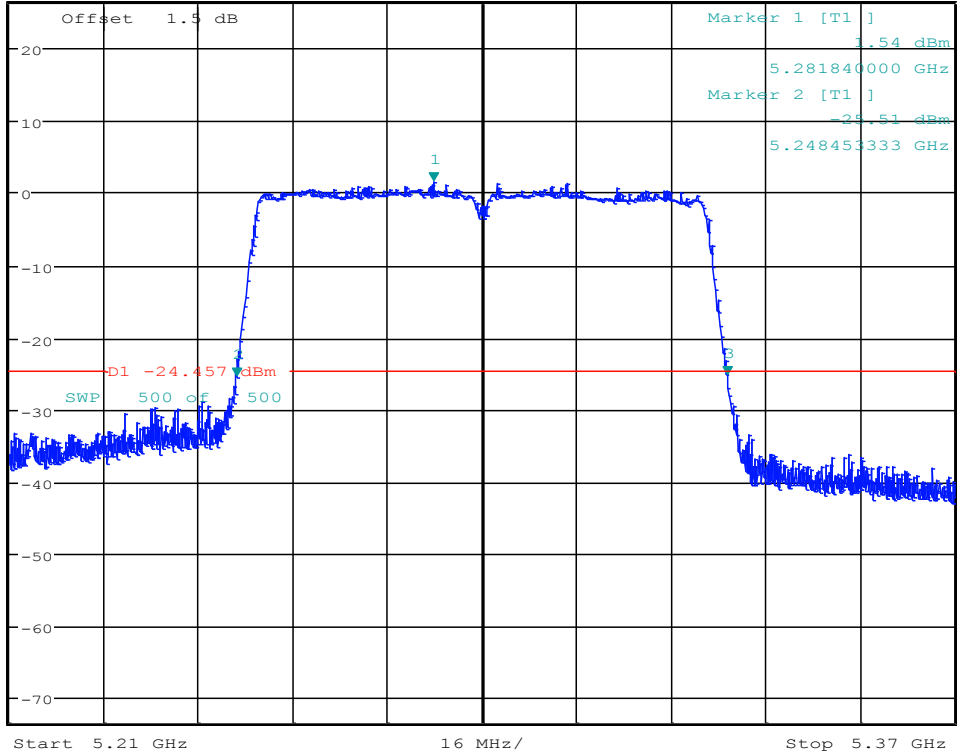
### 3.123 11AC80\_58 ANT 1



\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -25.20 dBm  
 SWT 20 ms      5.331546667 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
 MAXH



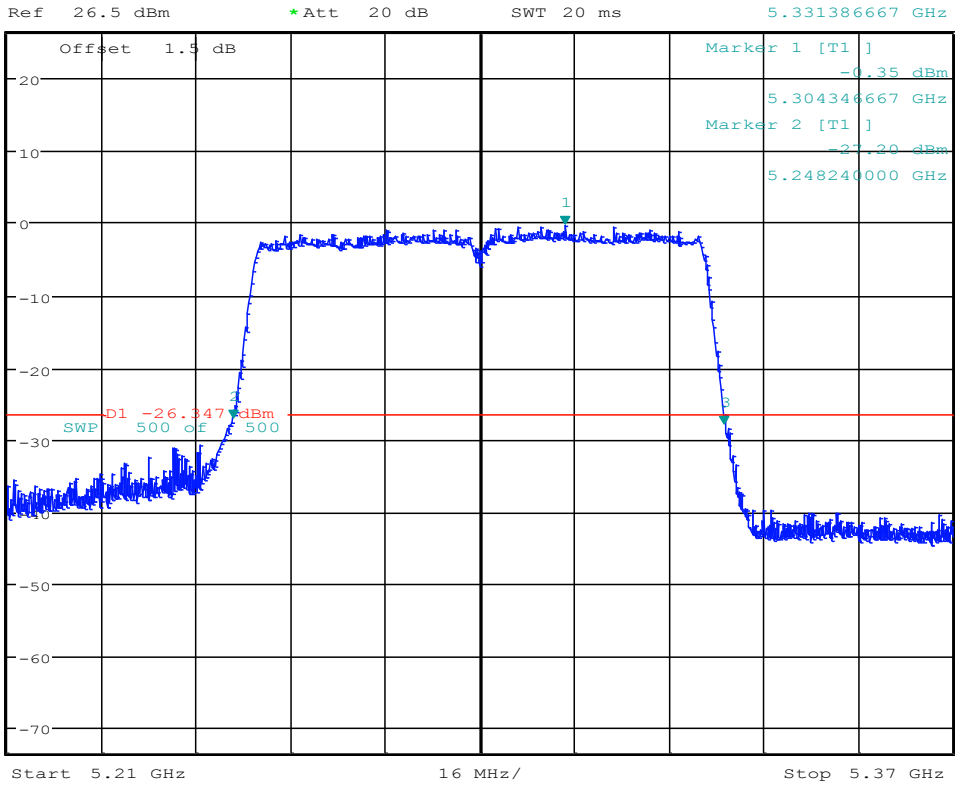
Date: 28.MAR.2018 17:21:53



### 3.124 11AC80\_58 ANT 2



\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -28.05 dBm  
 SWT 20 ms      5.331386667 GHz



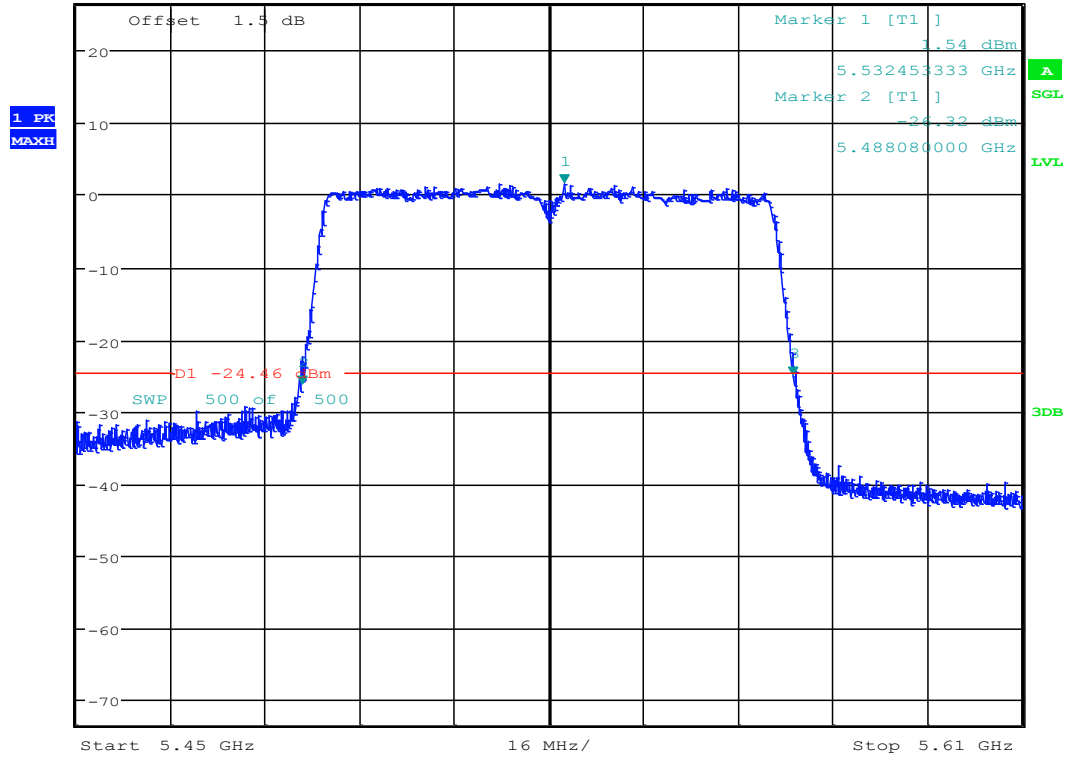
Date: 29.MAR.2018 16:20:51



### 3.125 11AC80\_106 ANT 1



\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -24.98 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.571280000 GHz



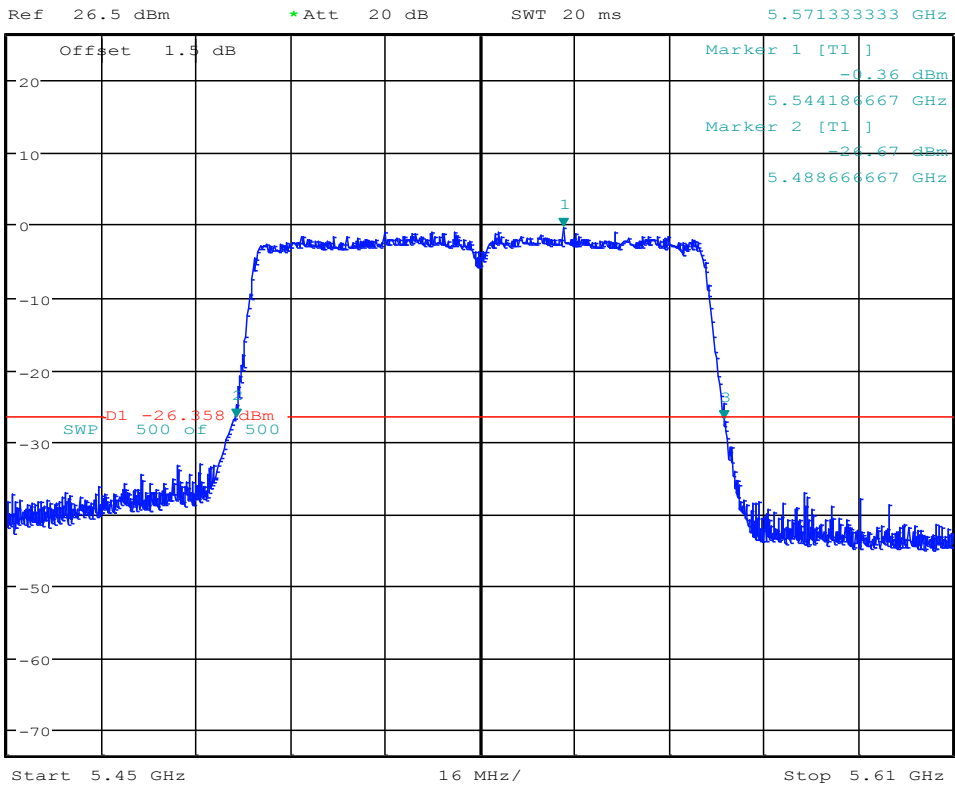
Date: 28.MAR.2018 17:24:41



### 3.126 11AC80\_106 ANT 2

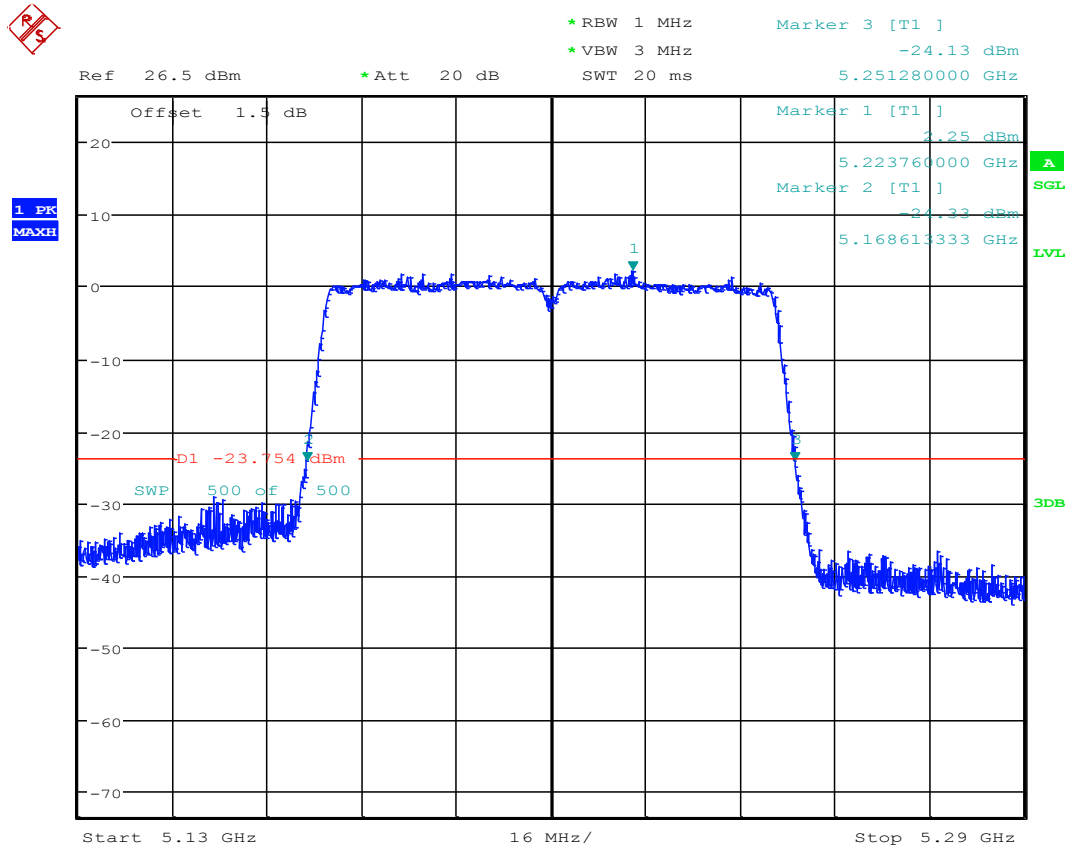


\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -27.00 dBm  
 SWT 20 ms      5.571333333 GHz



Date: 29.MAR.2018 16:23:25

## 3.127 11AC80MIMO\_42 ANT 1



Date: 29.MAR.2018 10:45:04

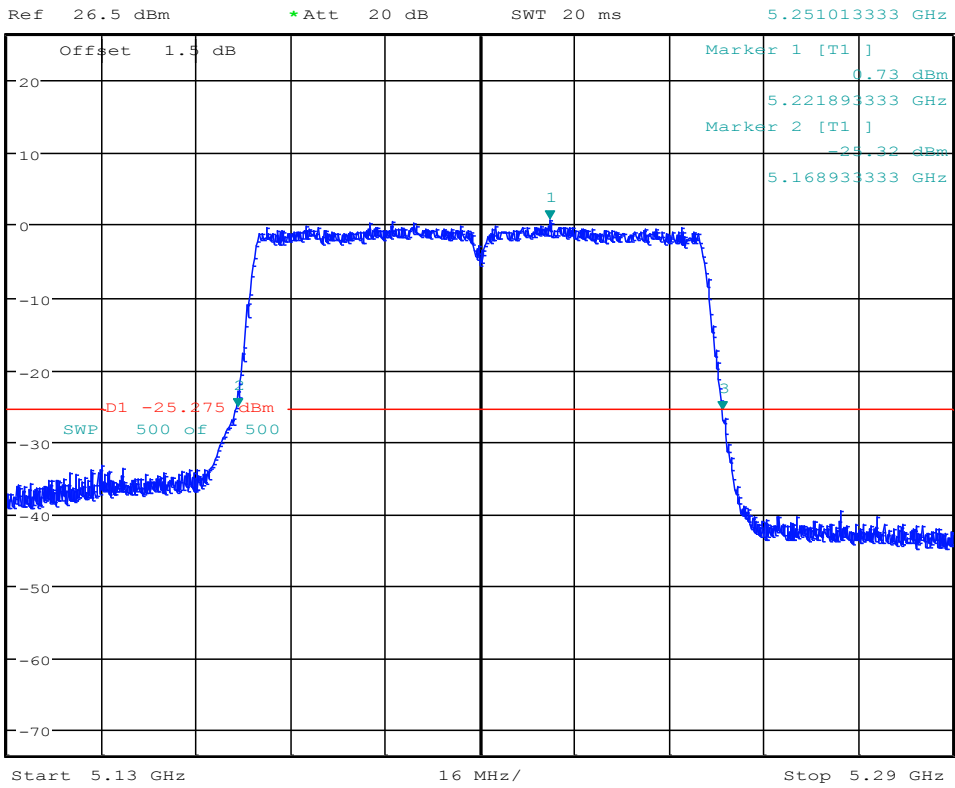


### 3.128 11AC80MIMO\_42 ANT 2



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

Marker 3 [T1 ]  
 -25.73 dBm  
 5.251013333 GHz



Date: 29.MAR.2018 19:34:48



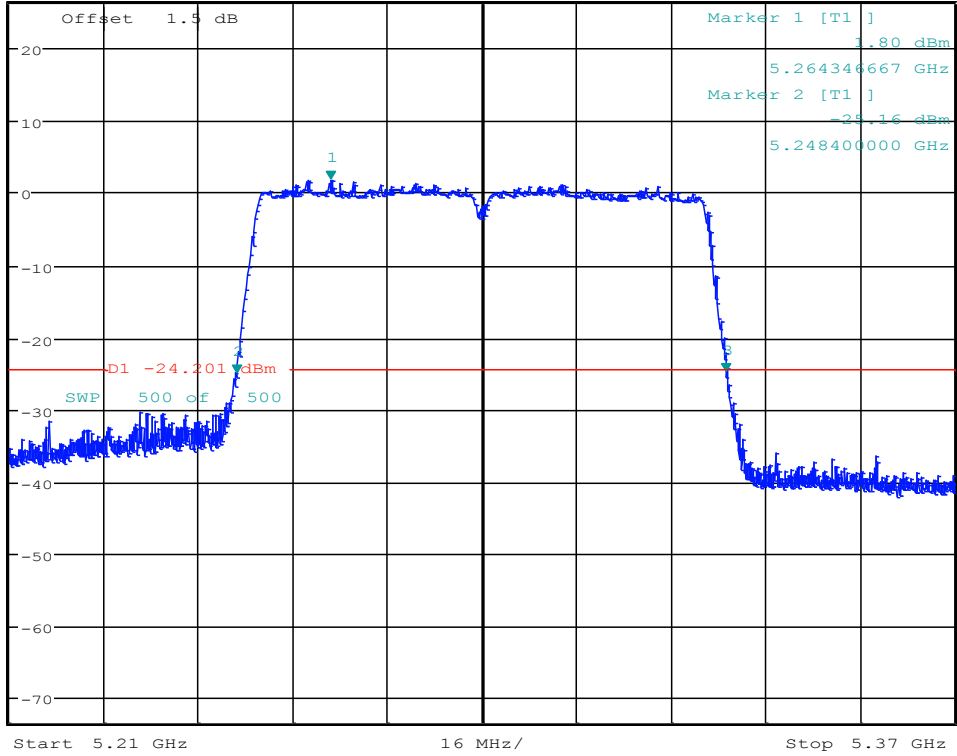
### 3.129 11AC80MIMO\_58 ANT 1



\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -24.83 dBm  
 SWT 20 ms      5.331386667 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



Date: 29.MAR.2018 10:48:17

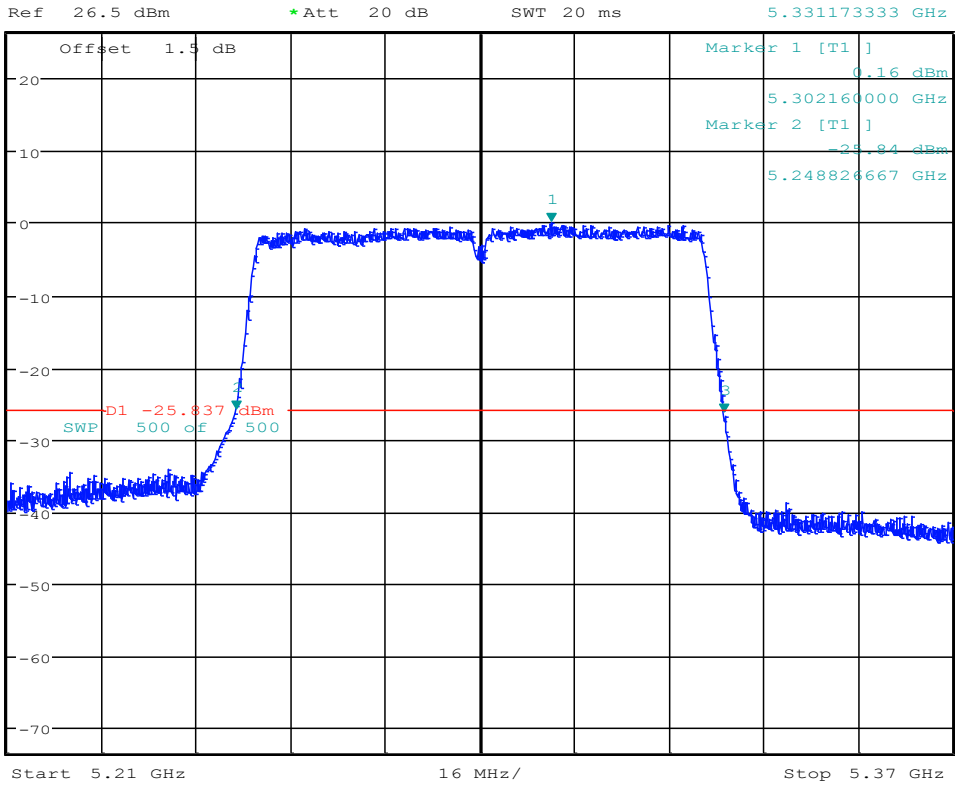




### 3.130 11AC80MIMO\_58 ANT 2



\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -26.42 dBm  
 SWT 20 ms      5.331173333 GHz



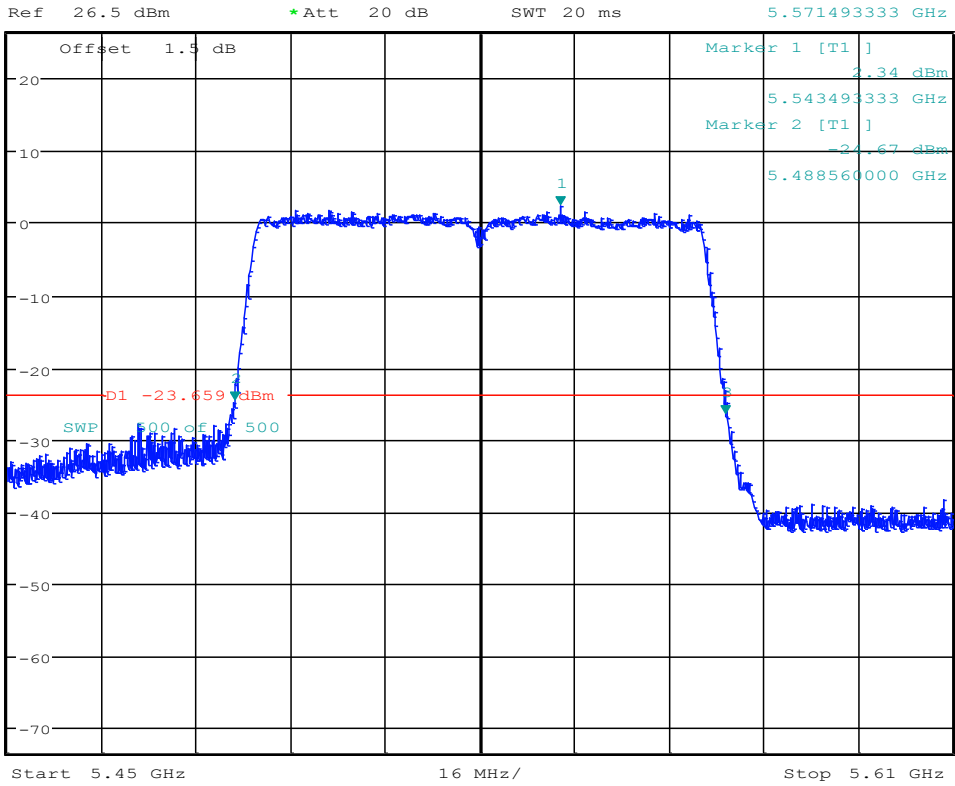
Date: 29.MAR.2018 19:37:33



### 3.131 11AC80MIMO\_106 ANT 1



\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -26.47 dBm  
 SWT 20 ms      5.571493333 GHz



Date: 29.MAR.2018 10:51:19

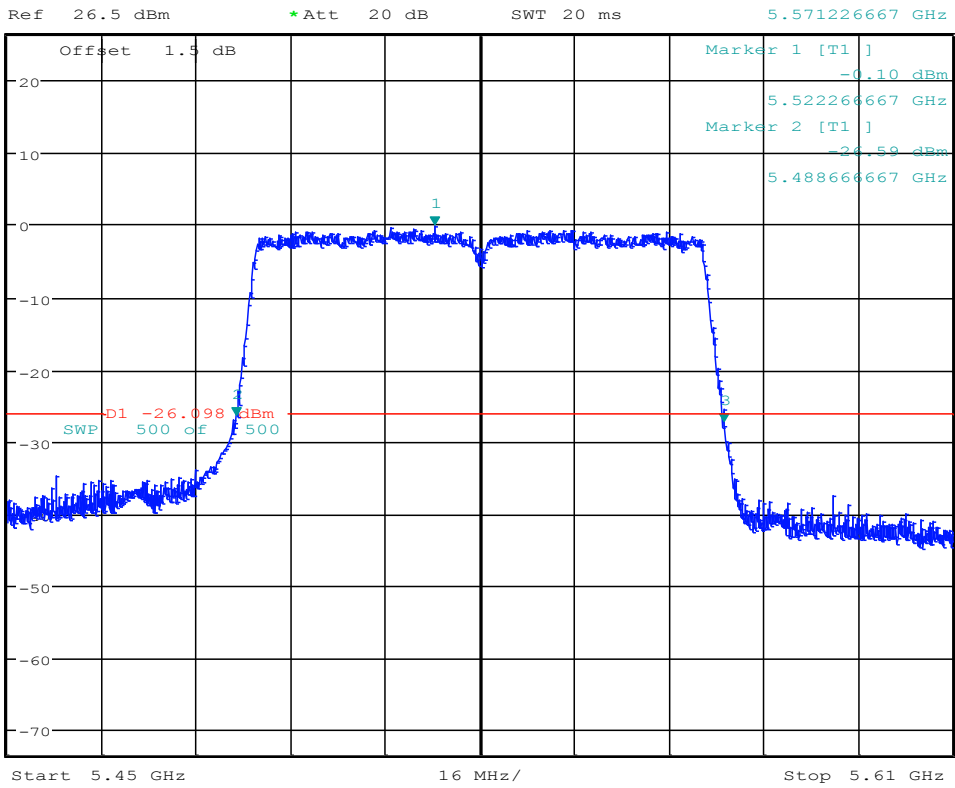


### 3.132 11AC80MIMO\_106 ANT 2



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

Marker 3 [T1 ]  
 -27.44 dBm  
 5.571226667 GHz

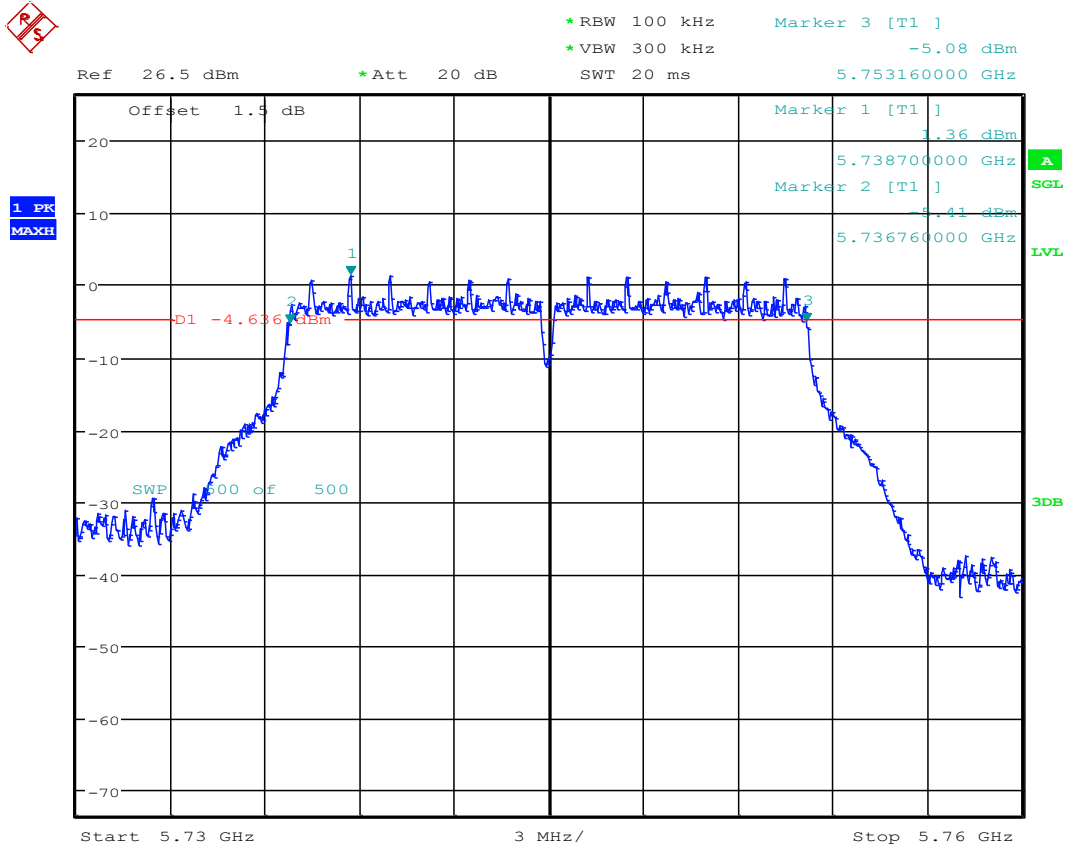


Date: 29.MAR.2018 19:40:07



### 4 Test Plot for 6dB Emission Bandwidth

#### 4.1 11A20\_149 ANT 1



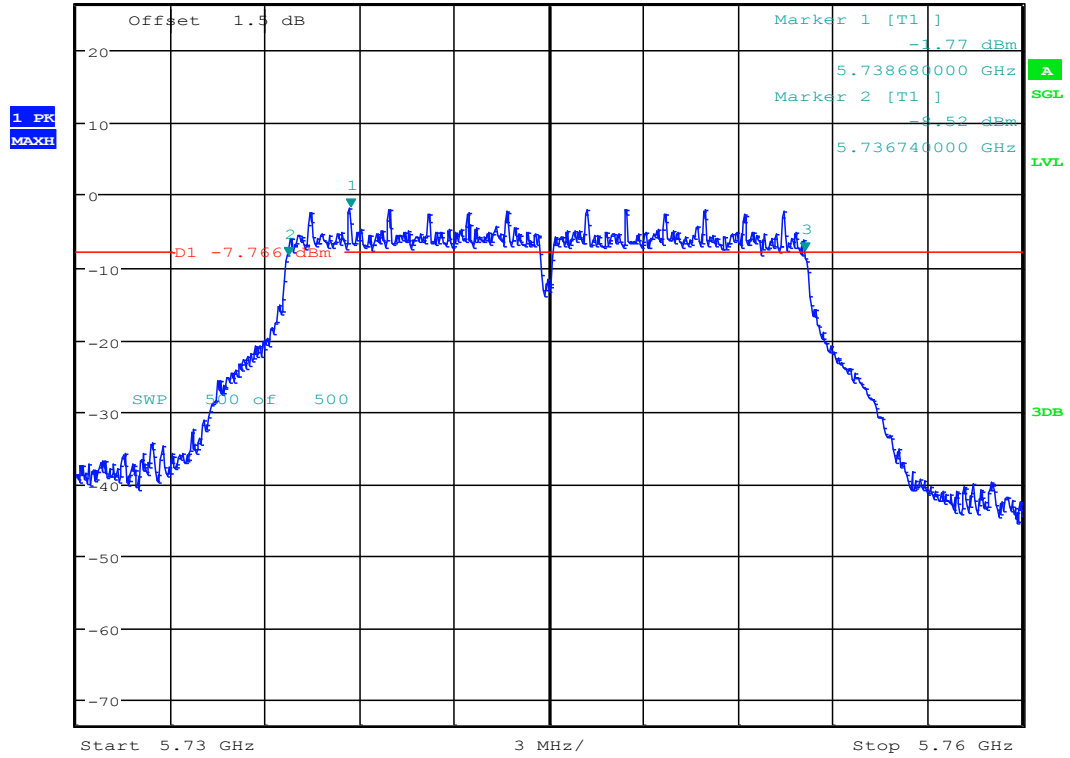
Date: 28.MAR.2018 14:51:27



### 4.2 11A20\_149 ANT 2



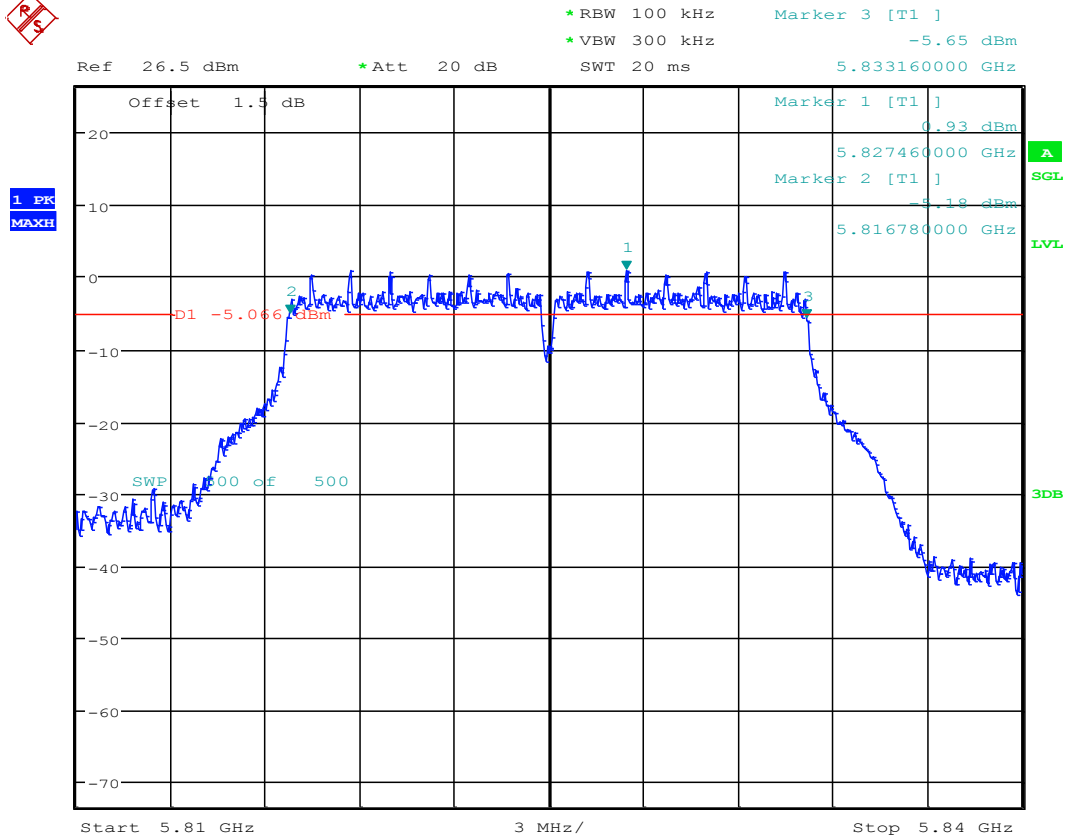
\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -7.95 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753120000 GHz



Date: 29.MAR.2018 12:35:14



### 4.3 11A20\_165 ANT 1



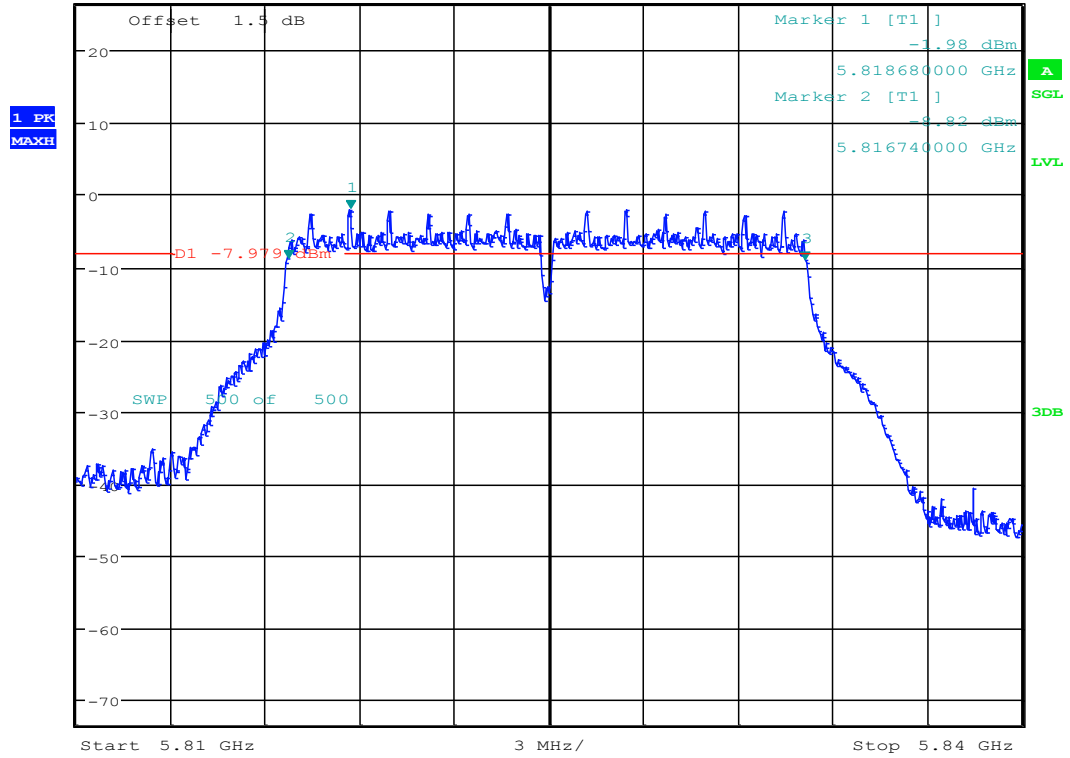
Date: 28.MAR.2018 14:55:50



### 4.4 11A20\_165 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -9.01 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833140000 GHz



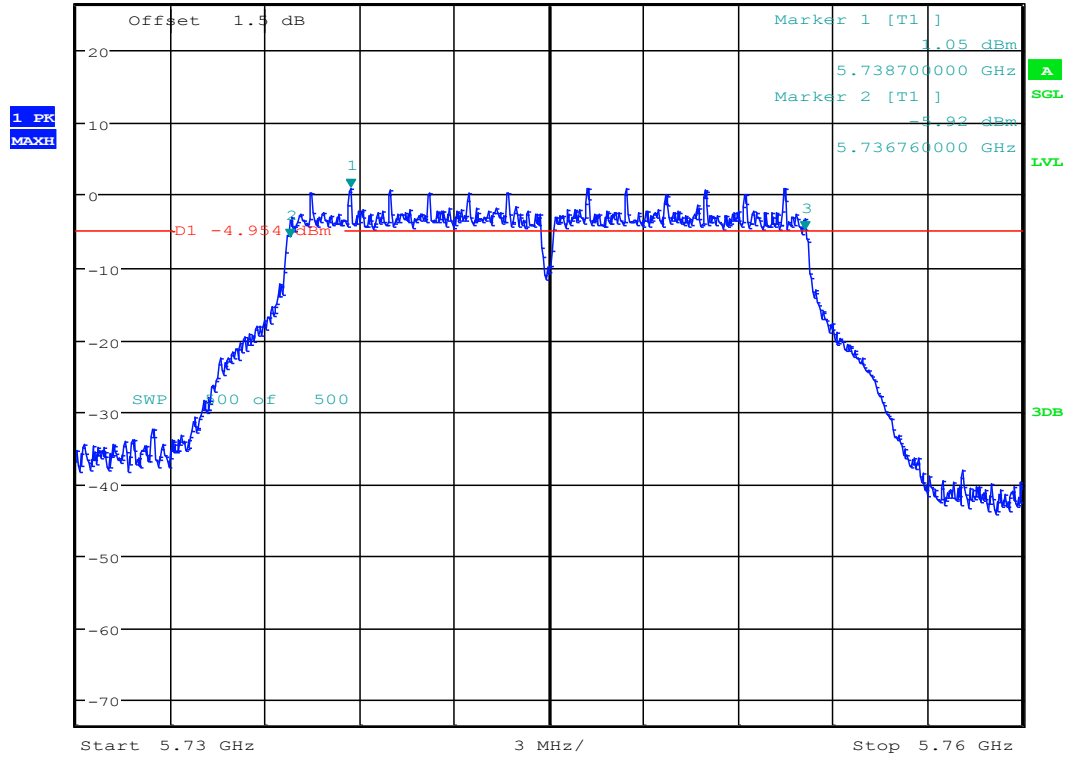
Date: 29.MAR.2018 12:38:23



### 4.5 11A20\_CDD\_149 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -4.97 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753140000 GHz

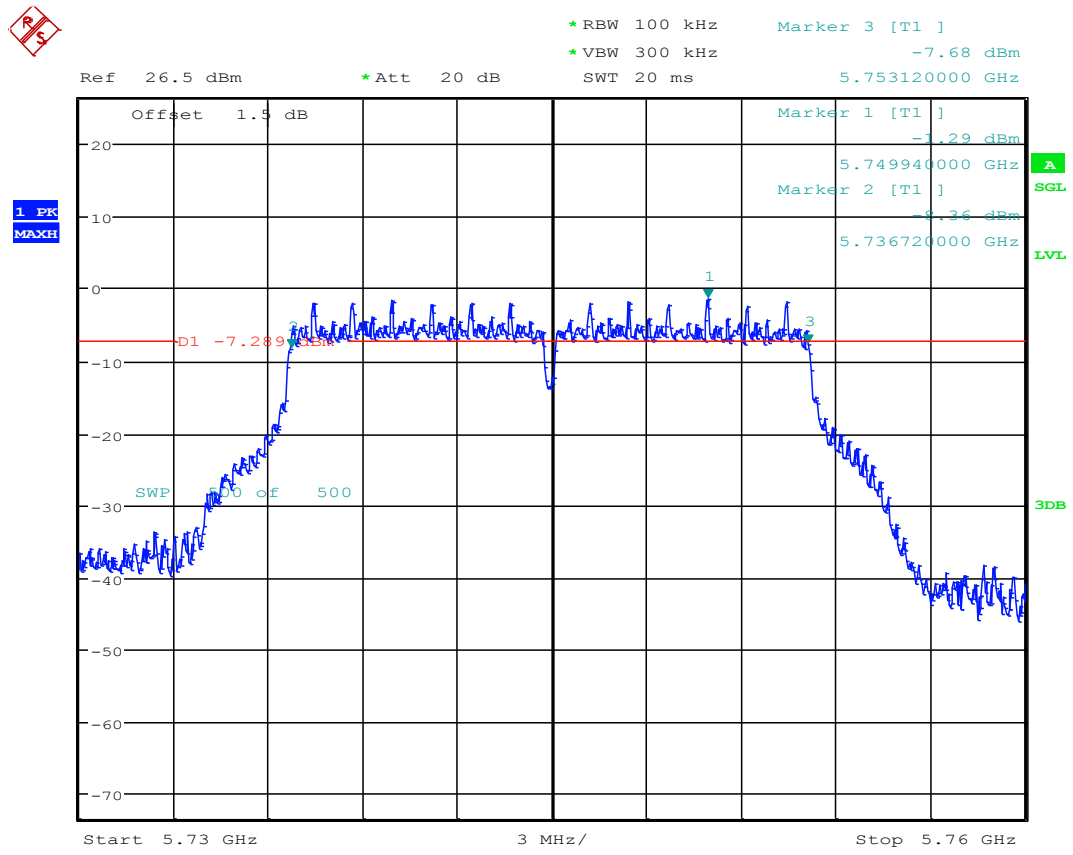


Date: 28.MAR.2018 17:59:39





### 4.6 11A20\_CDD\_149 ANT 2



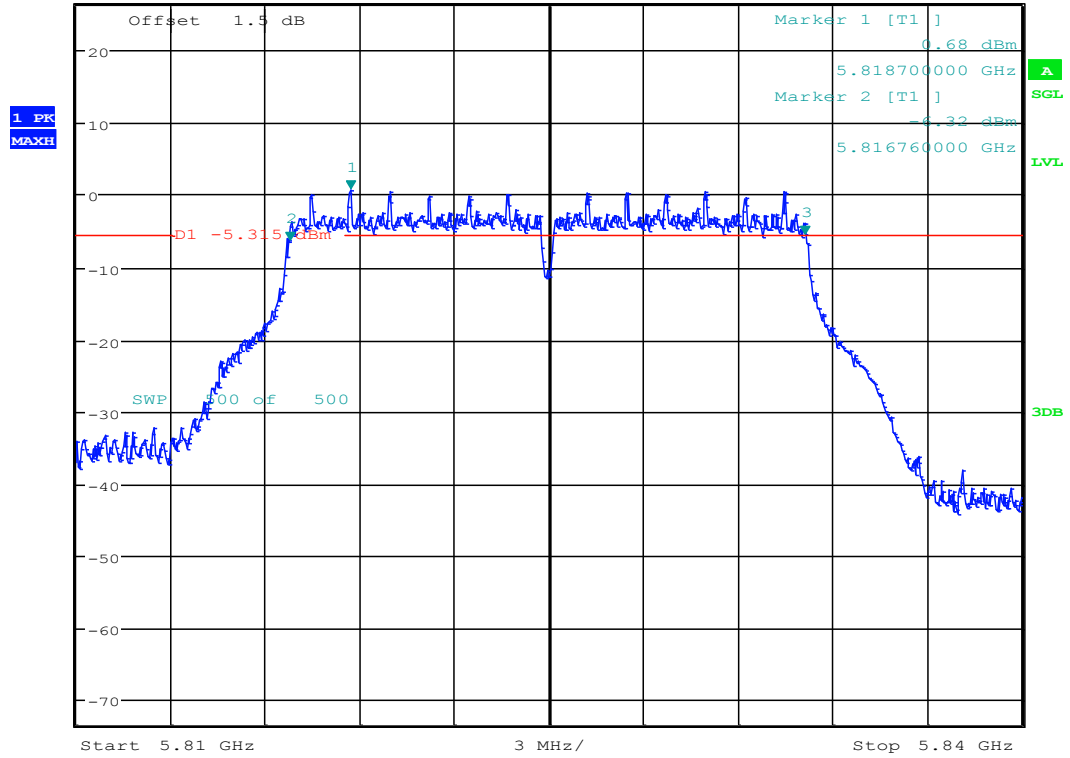
Date: 29.MAR.2018 17:05:34



### 4.7 11A20\_CDD\_165 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -5.46 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833140000 GHz



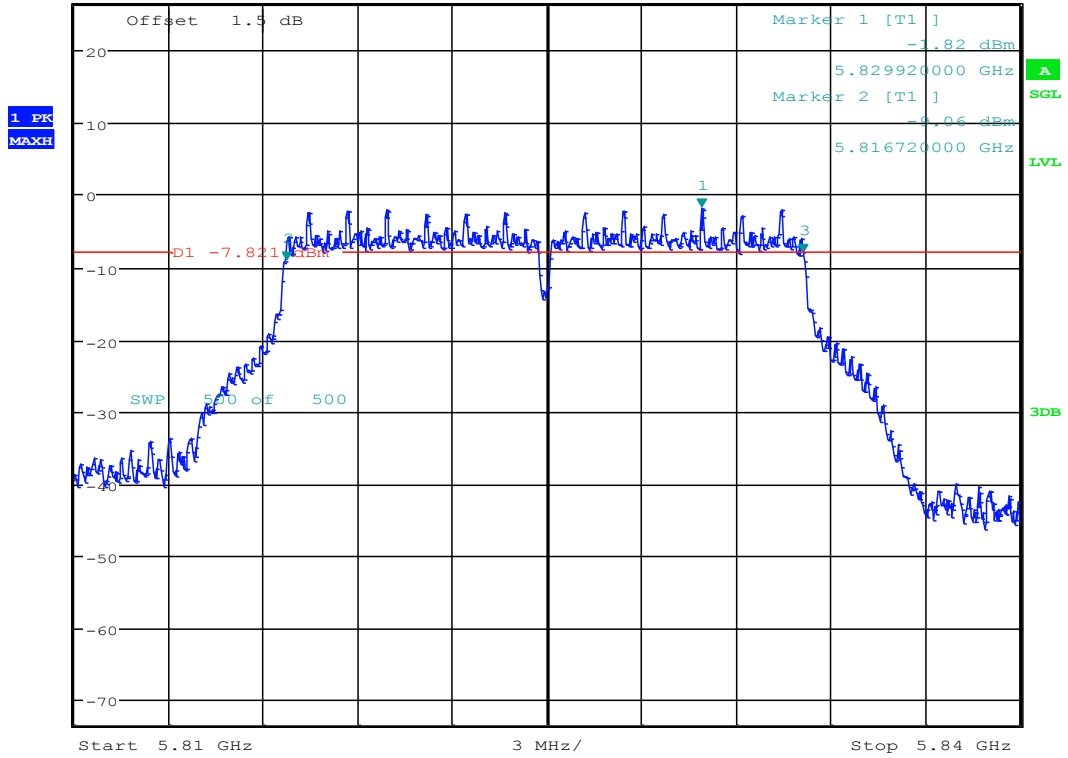
Date: 28.MAR.2018 18:02:47



### 4.8 11A20\_CDD\_165 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -8.11 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833140000 GHz



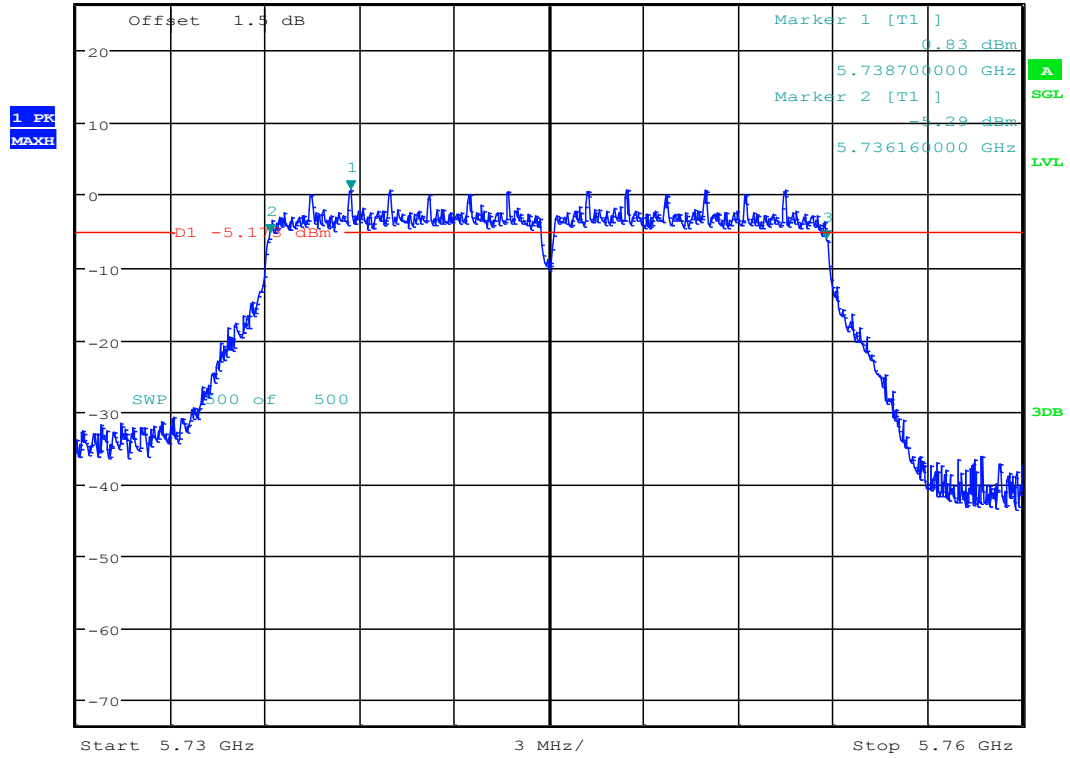
Date: 29.MAR.2018 17:11:20



### 4.9 11N20\_149 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -6.16 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753800000 GHz



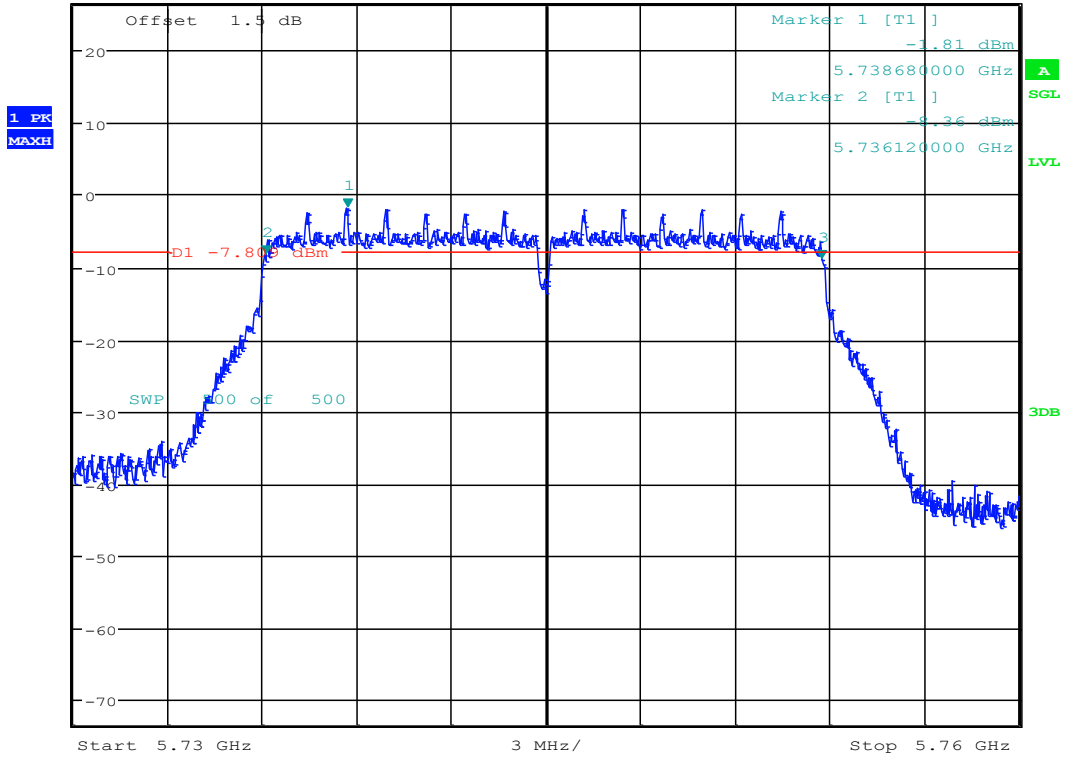
Date: 28.MAR.2018 15:29:26



### 4.10 11N20\_149 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -8.89 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753760000 GHz



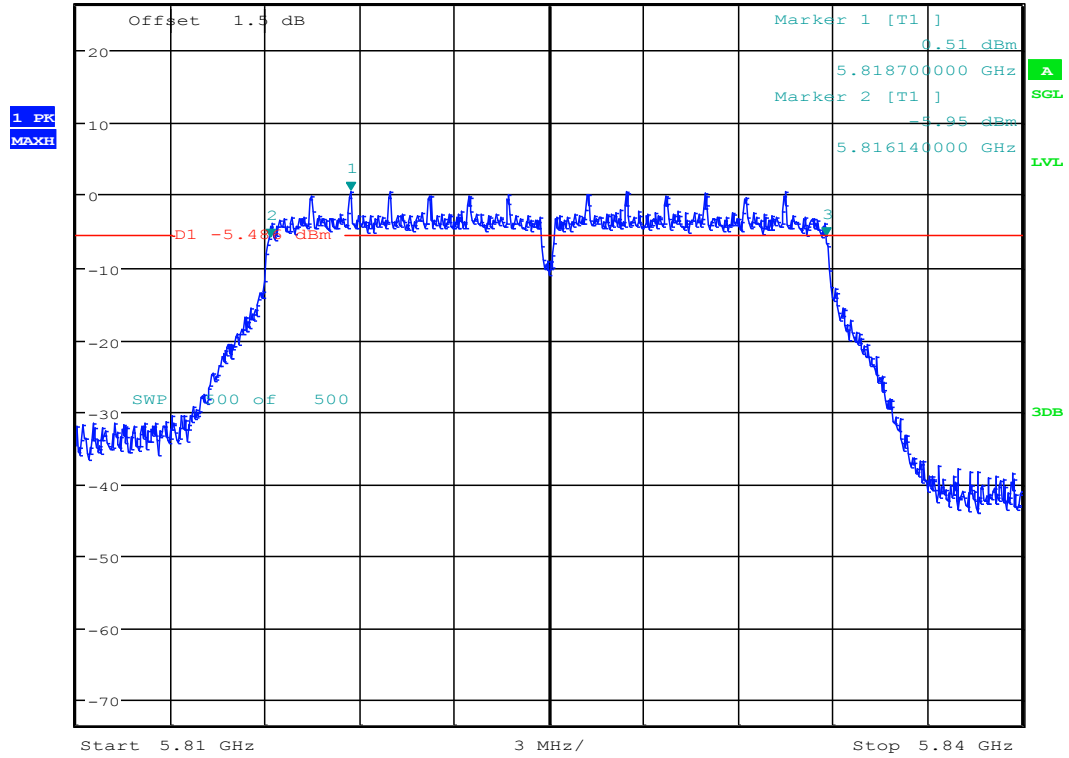
Date: 29.MAR.2018 13:00:20



### 4.11 11N20\_165 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -5.85 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833780000 GHz



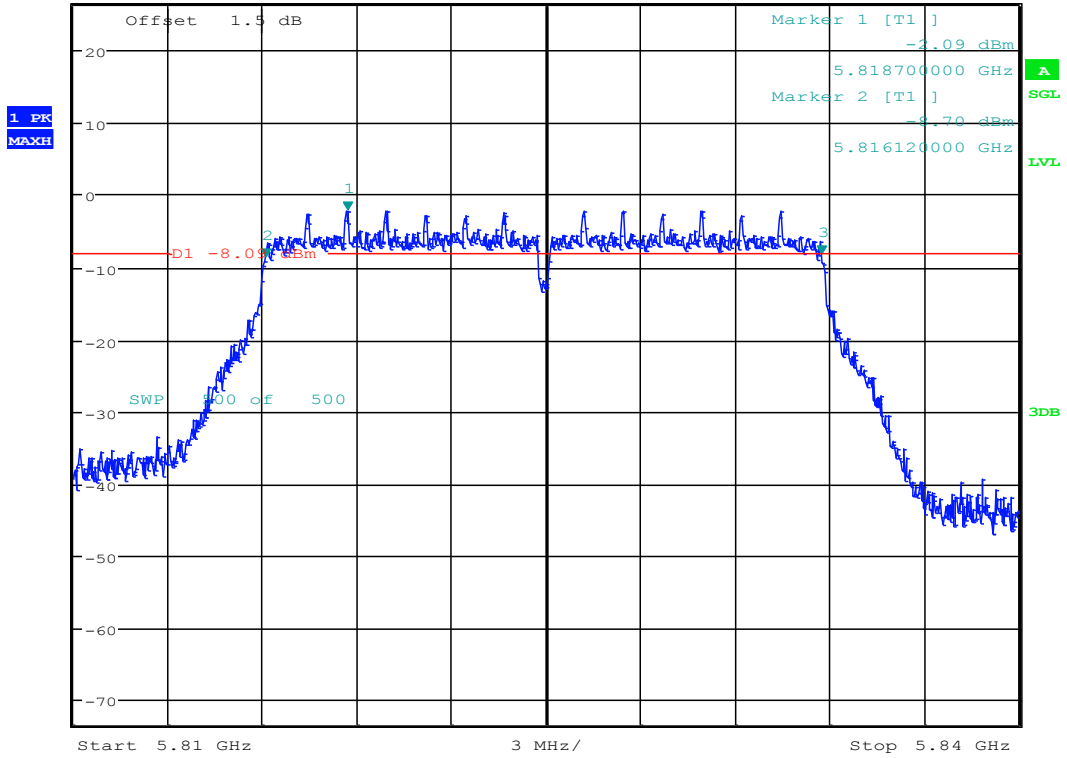
Date: 28.MAR.2018 15:33:57



### 4.12 11N20\_165 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -8.33 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833740000 GHz



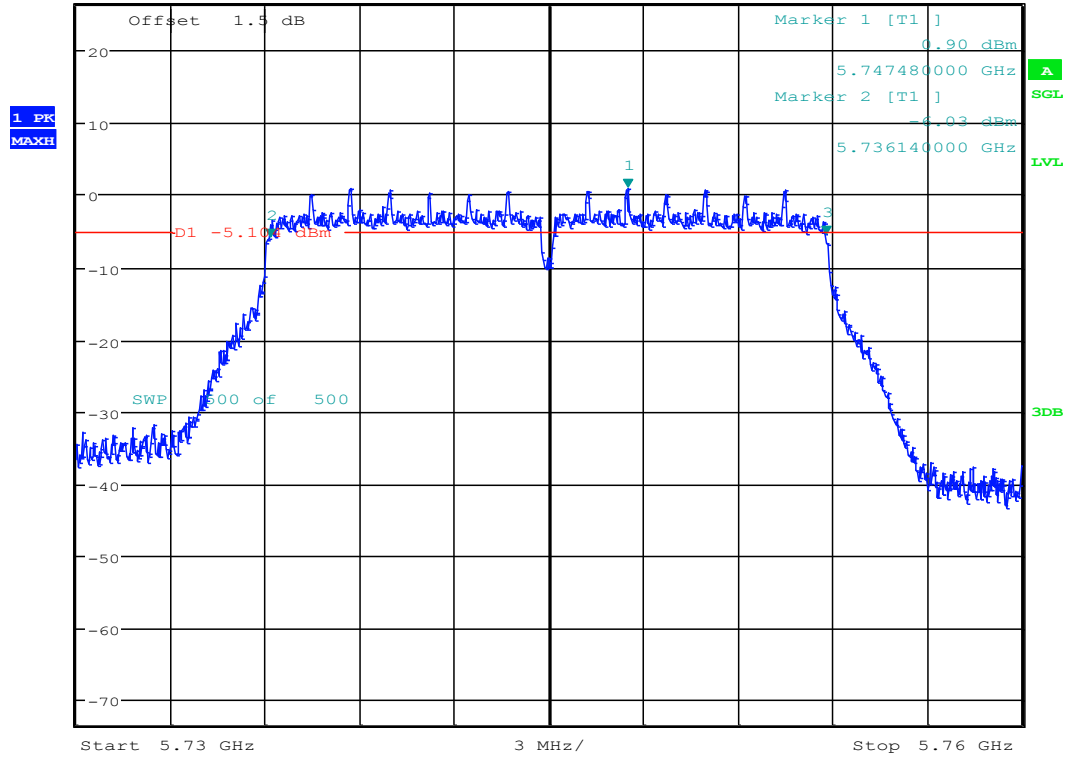
Date: 29.MAR.2018 13:03:15



### 4.13 11N20MIMO\_149 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -5.60 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753780000 GHz



Date: 28.MAR.2018 18:32:58

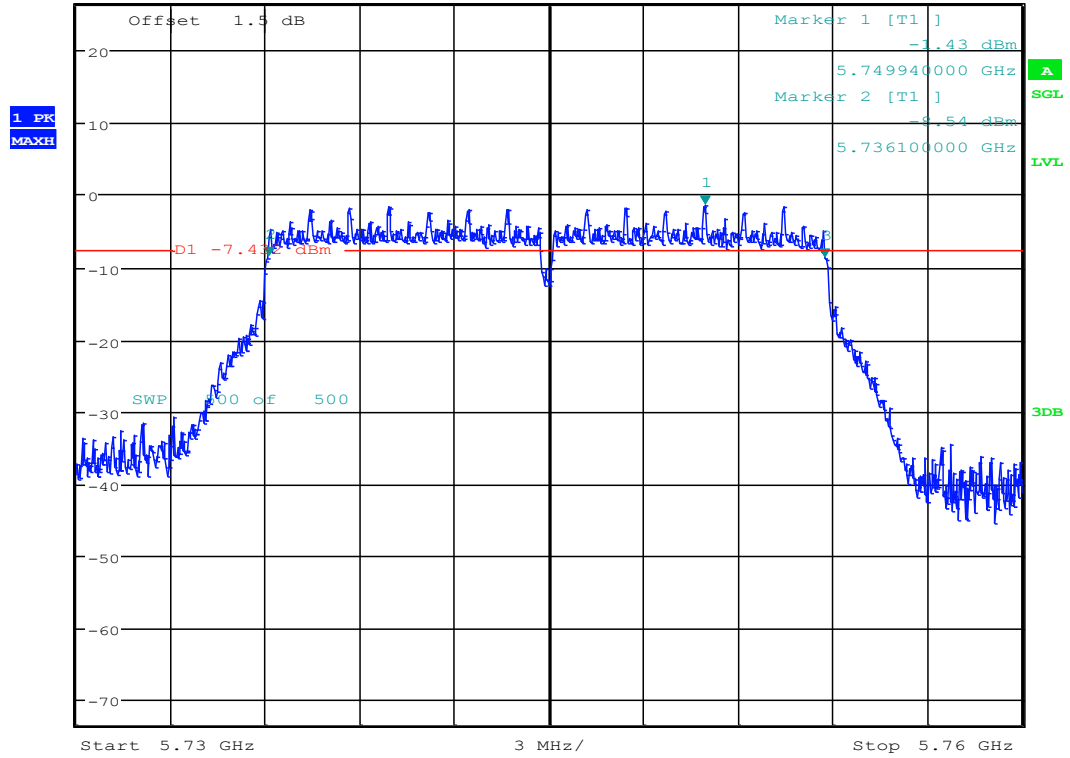




### 4.14 11N20MIMO\_149 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -8.61 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753760000 GHz



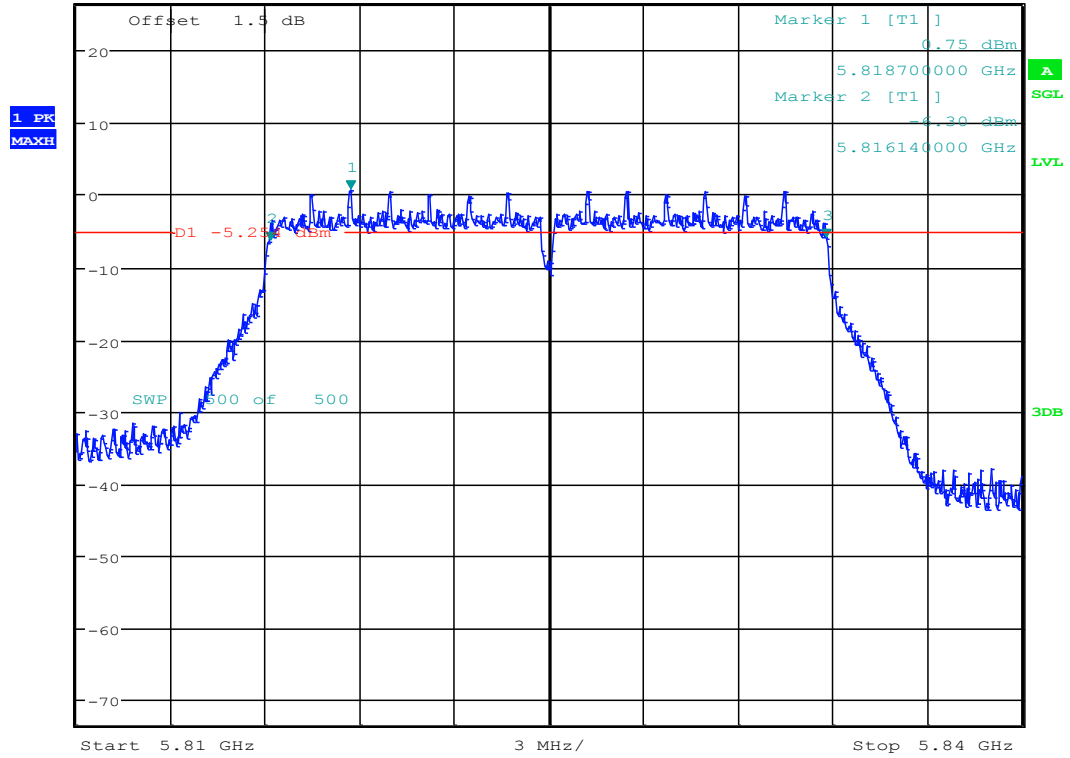
Date: 29.MAR.2018 17:54:29



### 4.15 11N20MIMO\_165 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -6.00 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833780000 GHz



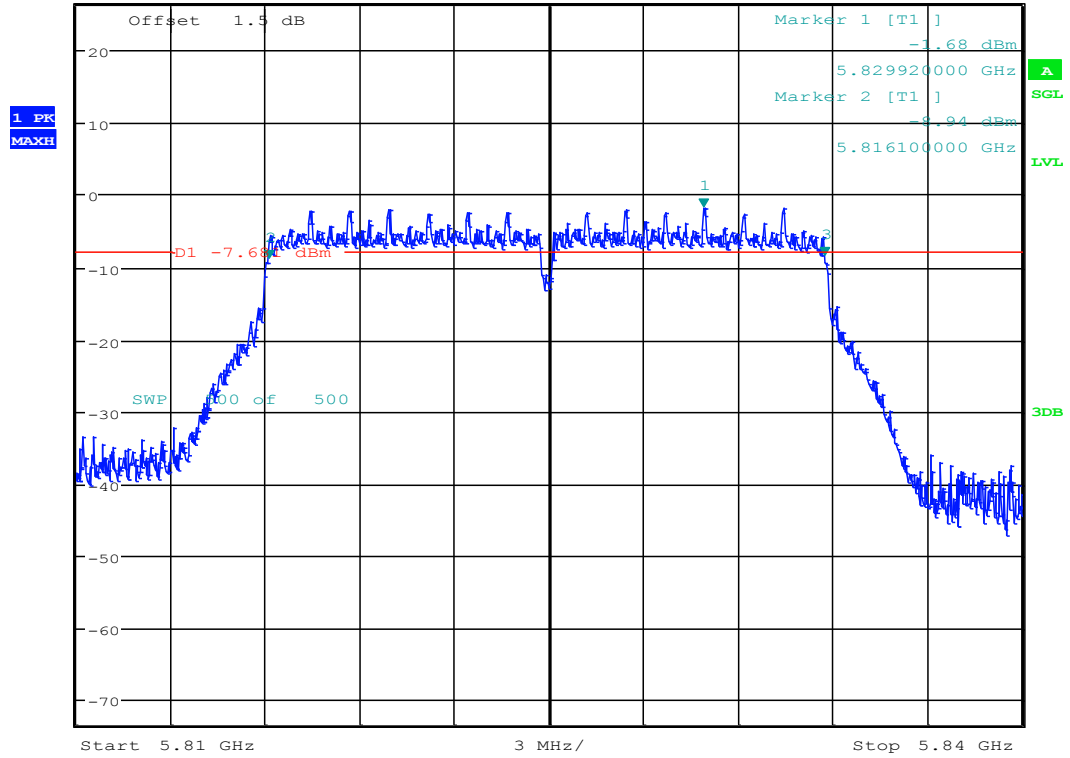
Date: 28.MAR.2018 18:36:03



### 4.16 11N20MIMO\_165 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -8.57 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833760000 GHz



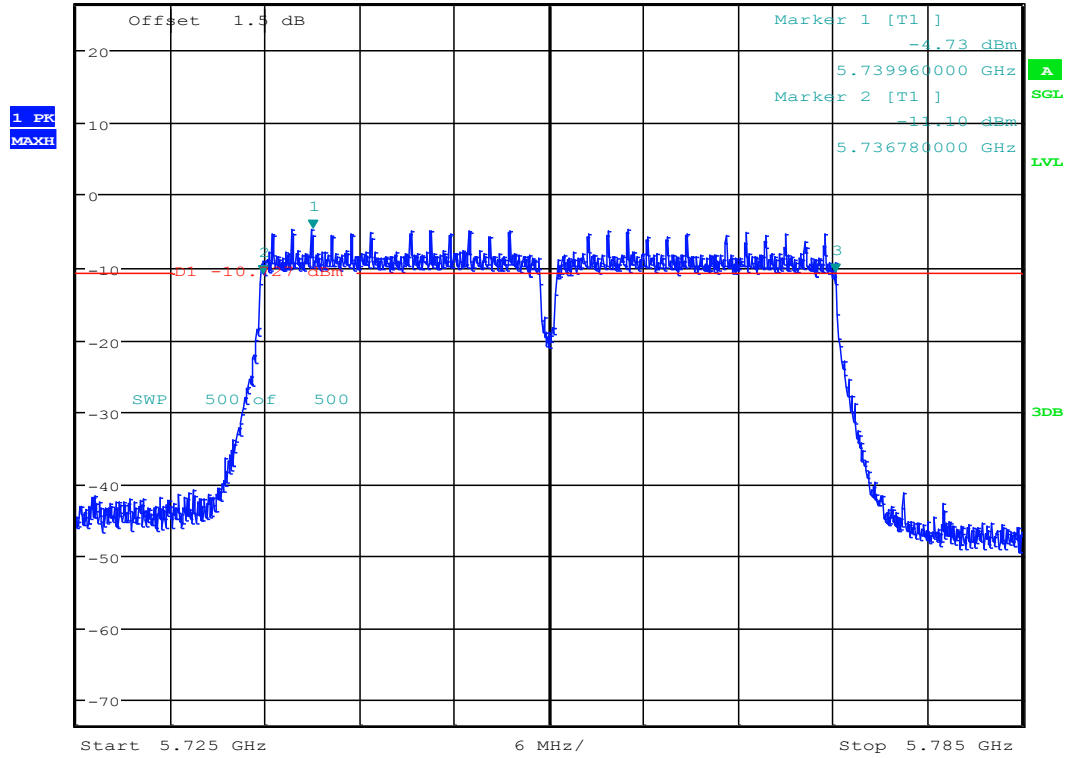
Date: 29.MAR.2018 17:57:44



### 4.17 11N40\_151 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -10.87 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.773140000 GHz



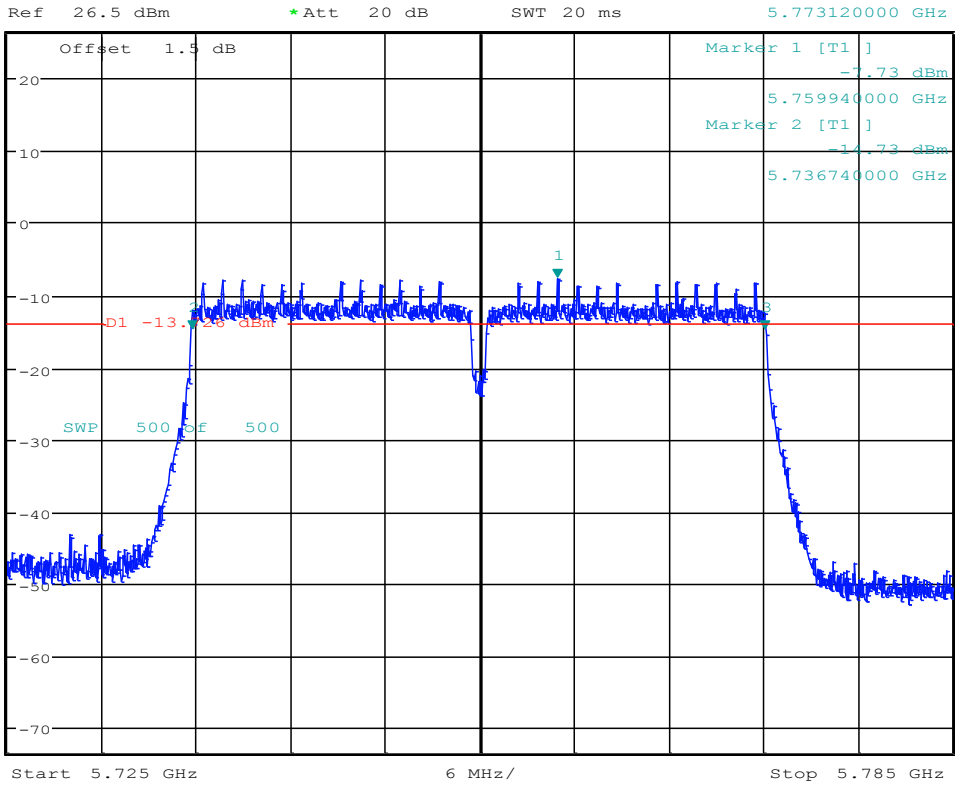
Date: 28.MAR.2018 16:01:55



### 4.18 11N40\_151 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -14.79 dBm  
 SWT 20 ms      5.773120000 GHz



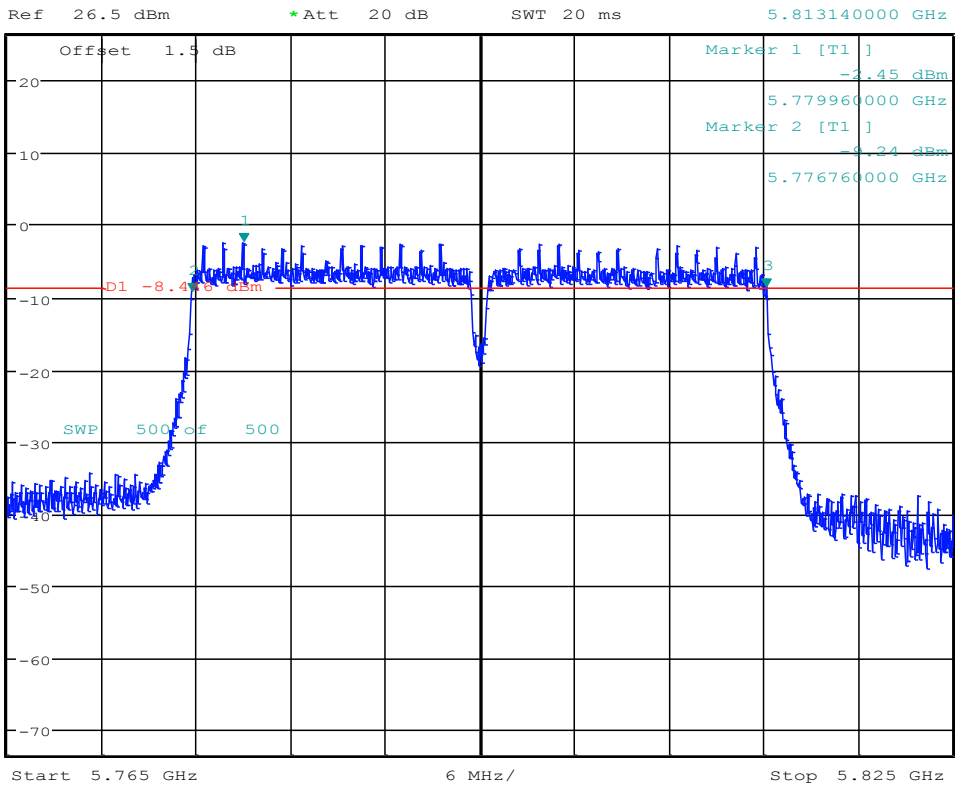
Date: 29.MAR.2018 14:55:36



### 4.19 11N40\_159 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -8.68 dBm  
 SWT 20 ms      5.813140000 GHz



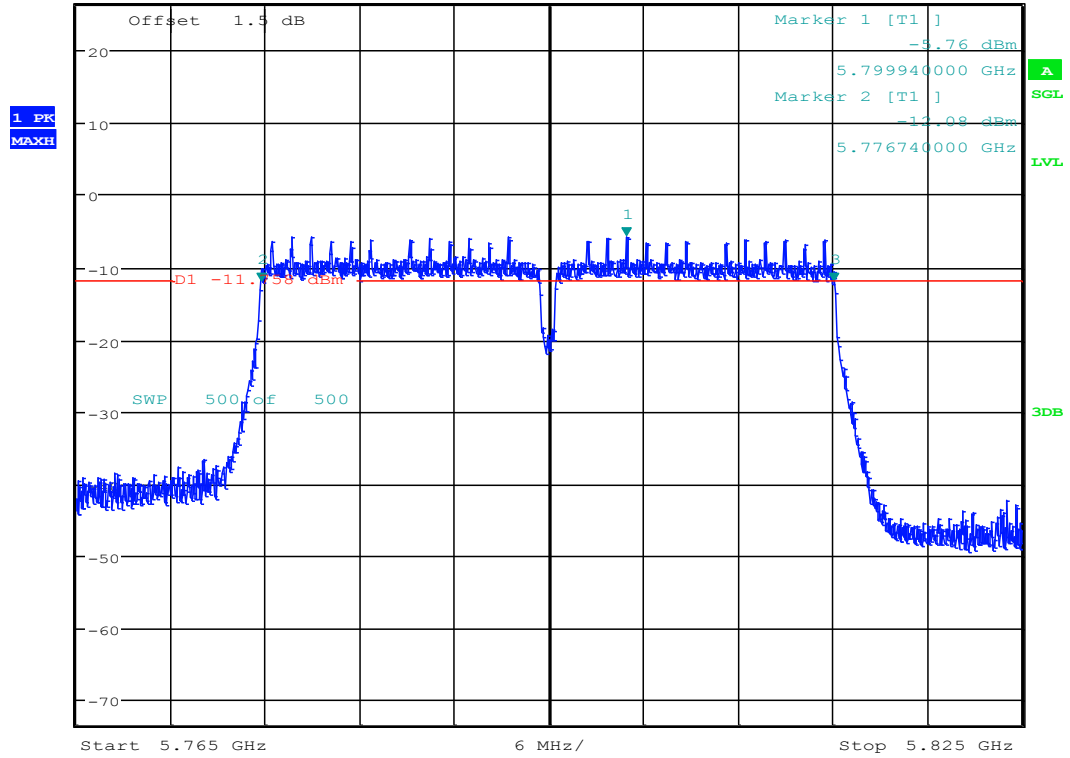
Date: 28.MAR.2018 16:04:50



### 4.20 11N40\_159 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -11.96 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813120000 GHz



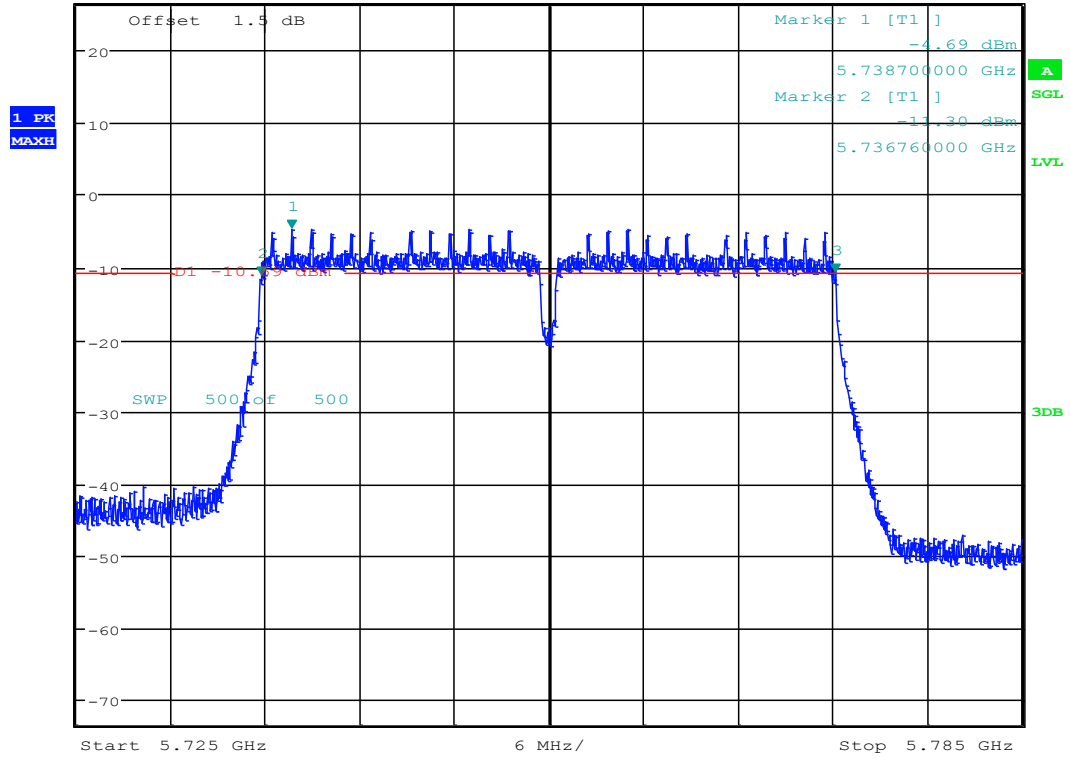
Date: 29.MAR.2018 14:59:41



### 4.21 11N40MIMO\_151 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -10.87 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.773140000 GHz

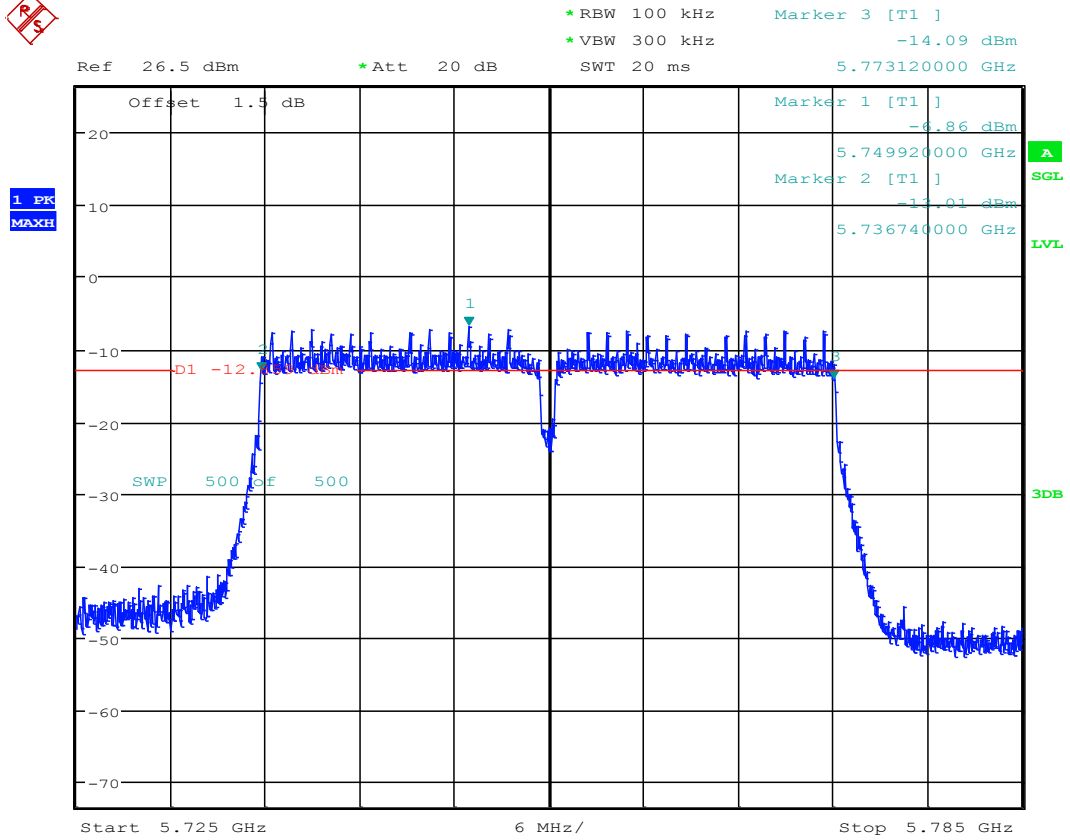


Date: 28.MAR.2018 18:59:55





### 4.22 11N40MIMO\_151 ANT 2



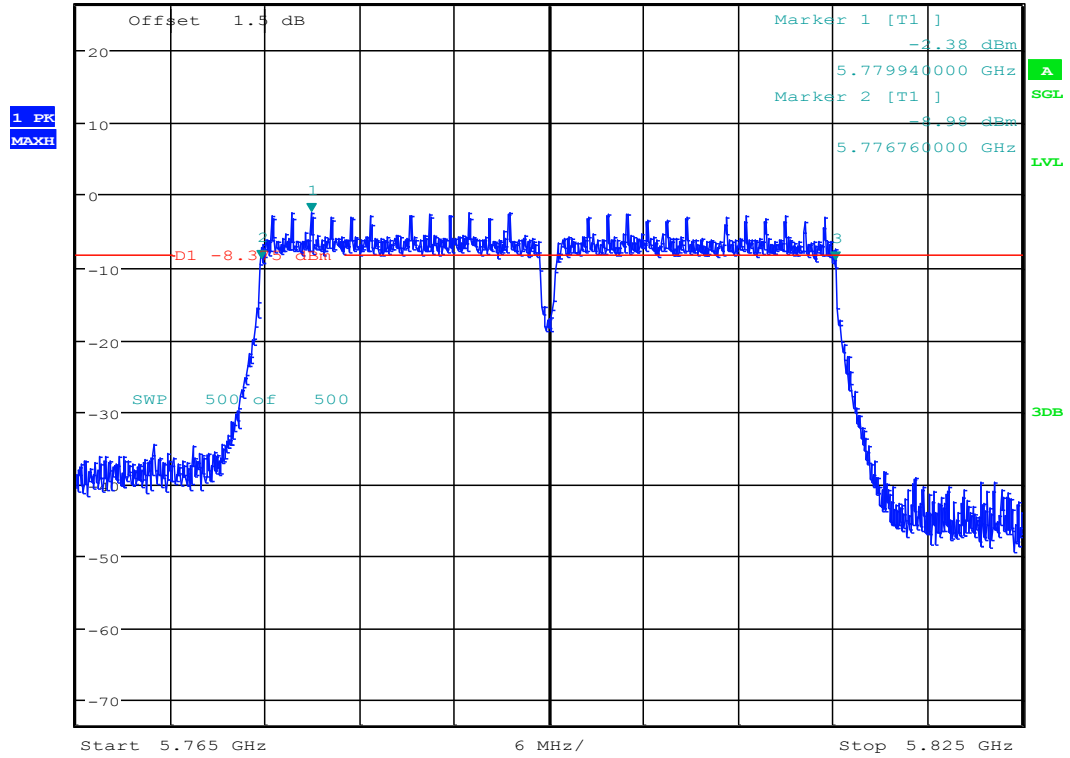
Date: 29.MAR.2018 18:35:59



### 4.23 11N40MIMO\_159 ANT 1



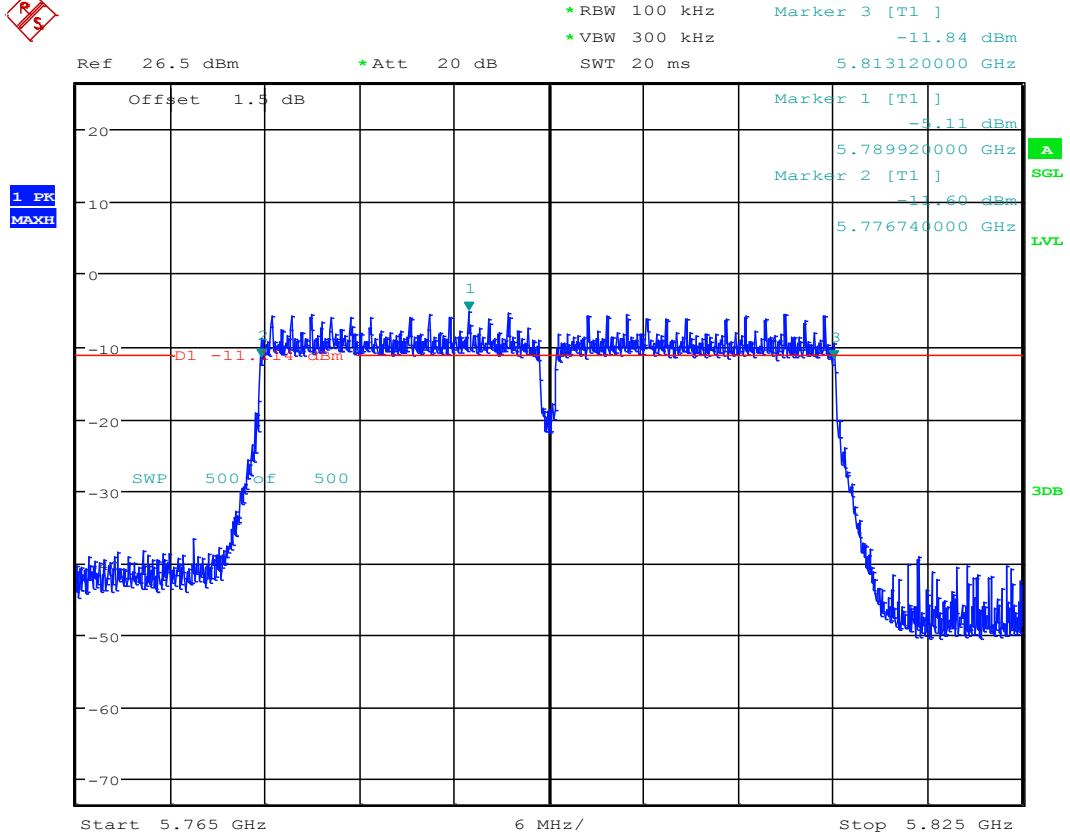
\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -9.21 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813140000 GHz



Date: 28.MAR.2018 19:02:56



### 4.24 11N40MIMO\_159 ANT 2



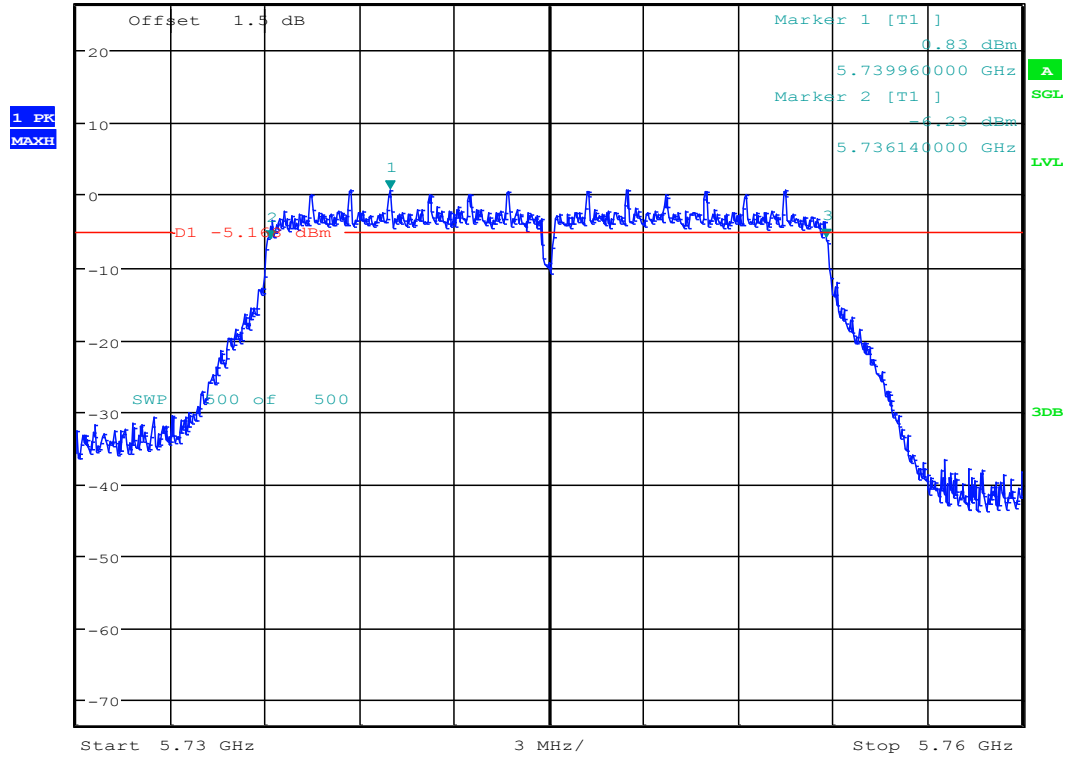
Date: 29.MAR.2018 18:39:15



### 4.25 11AC20\_149 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -6.04 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753800000 GHz



Date: 28.MAR.2018 16:40:49



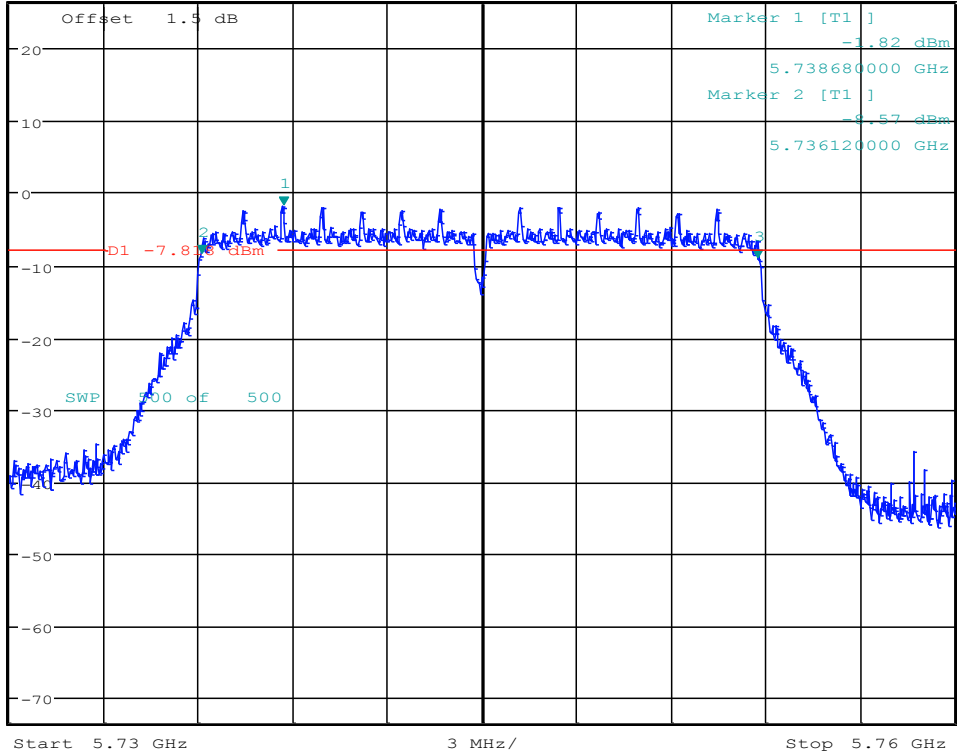
### 4.26 11AC20\_149 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -9.01 dBm  
 SWT 20 ms      5.753760000 GHz

Ref 26.5 dBm      \*Att 20 dB

1 PK  
MAXH



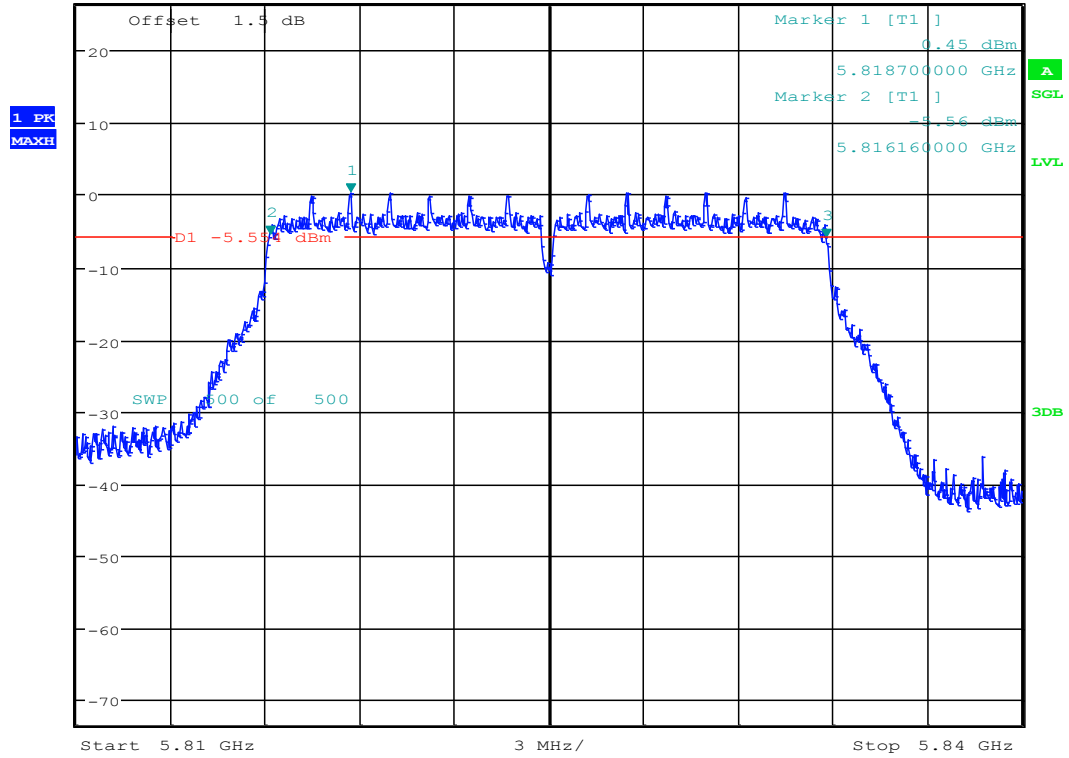
Date: 29.MAR.2018 15:28:44



### 4.27 11AC20\_165 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -6.03 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833780000 GHz



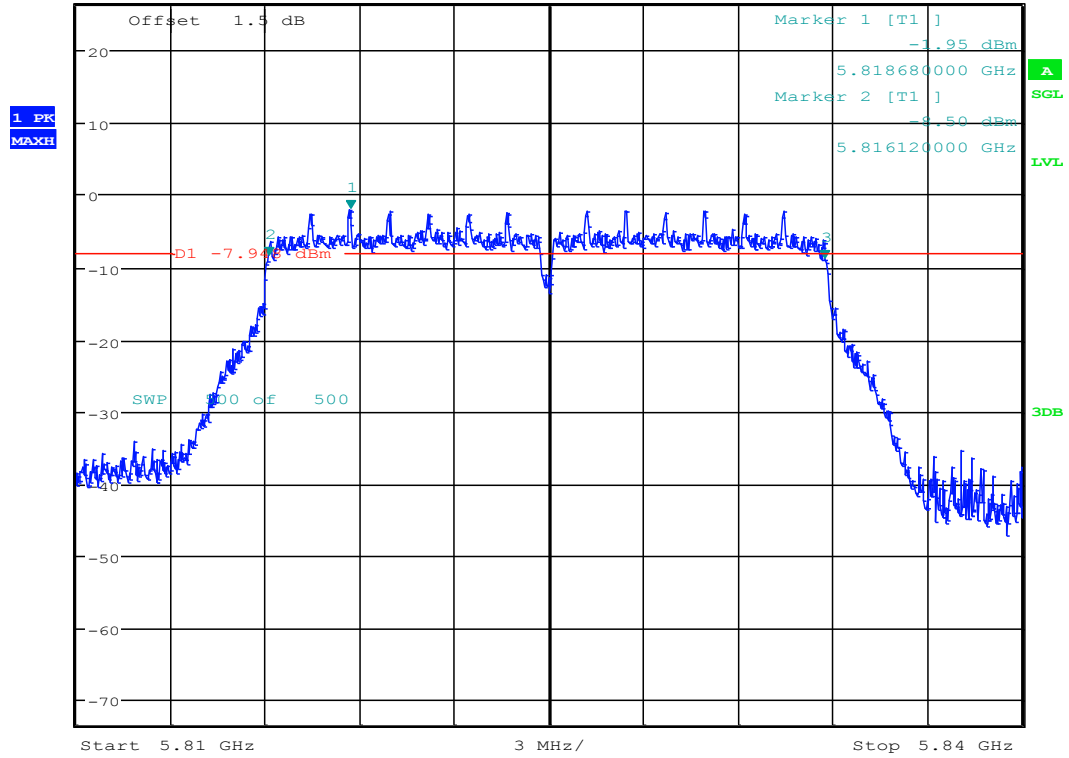
Date: 28.MAR.2018 16:43:45



### 4.28 11AC20\_165 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -8.99 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833760000 GHz



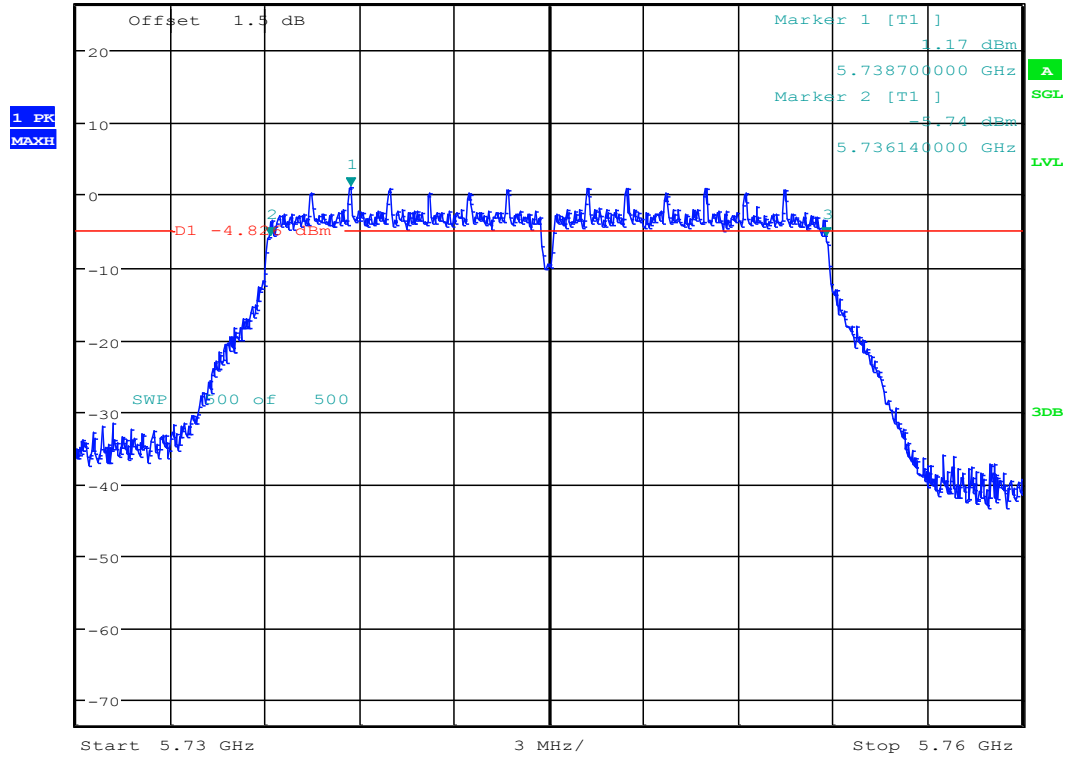
Date: 29.MAR.2018 15:33:22



### 4.29 11AC20MIMO\_149 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -5.75 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753780000 GHz



Date: 28.MAR.2018 19:24:12

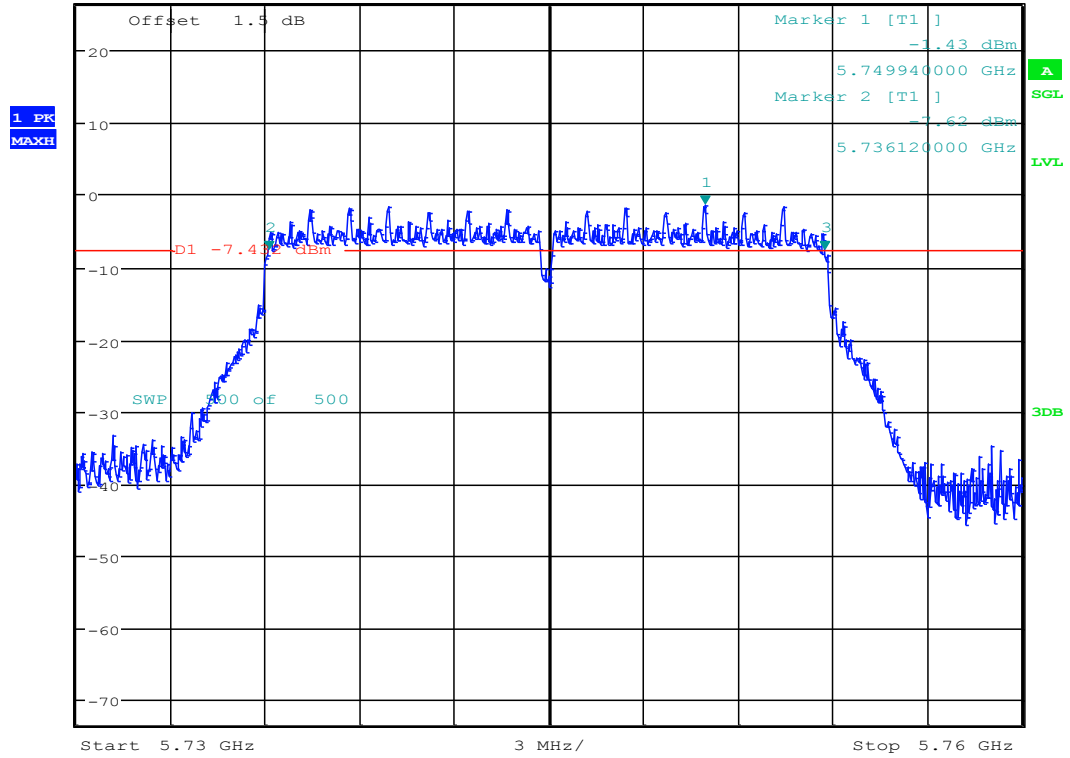




### 4.30 11AC20MIMO\_149 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -7.56 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.753740000 GHz



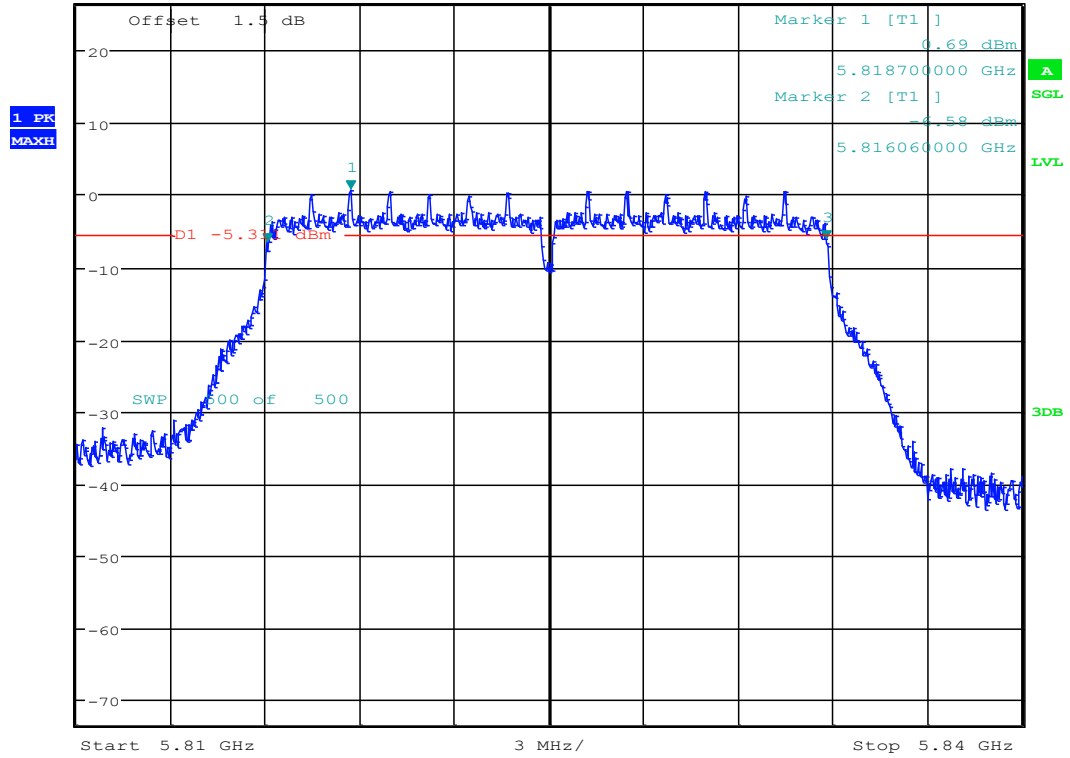
Date: 29.MAR.2018 19:02:21



### 4.31 11AC20MIMO\_165 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -6.15 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833780000 GHz



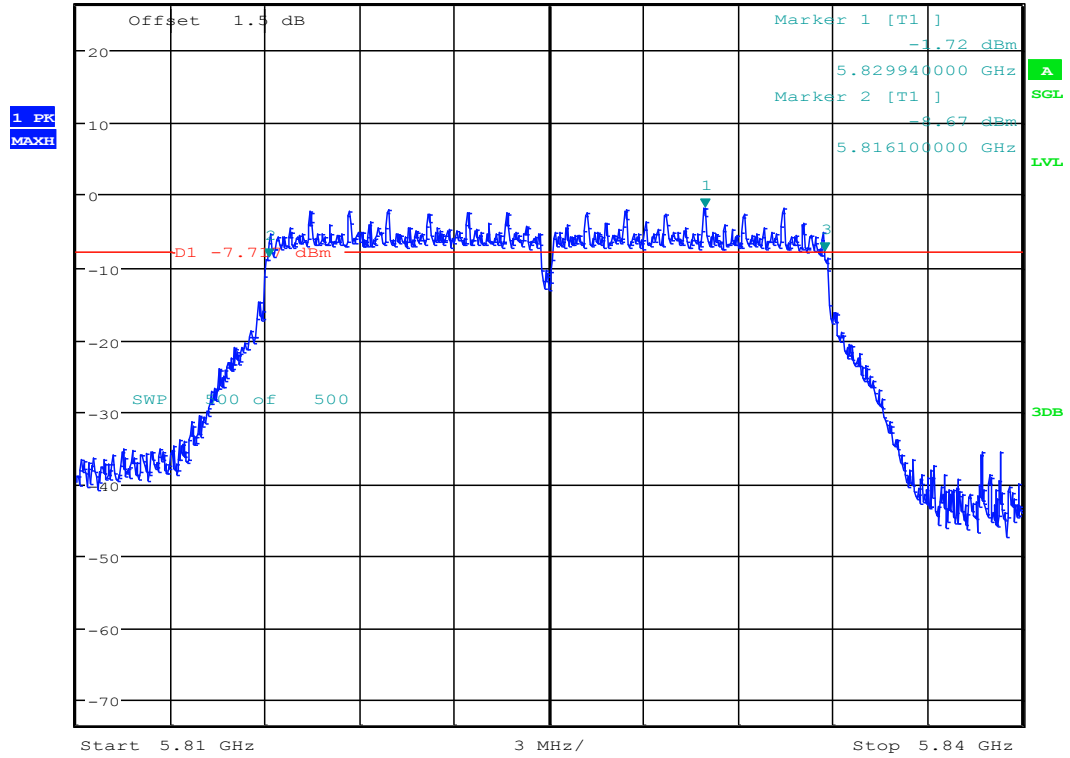
Date: 28.MAR.2018 19:27:29



### 4.32 11AC20MIMO\_165 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -7.90 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.833740000 GHz



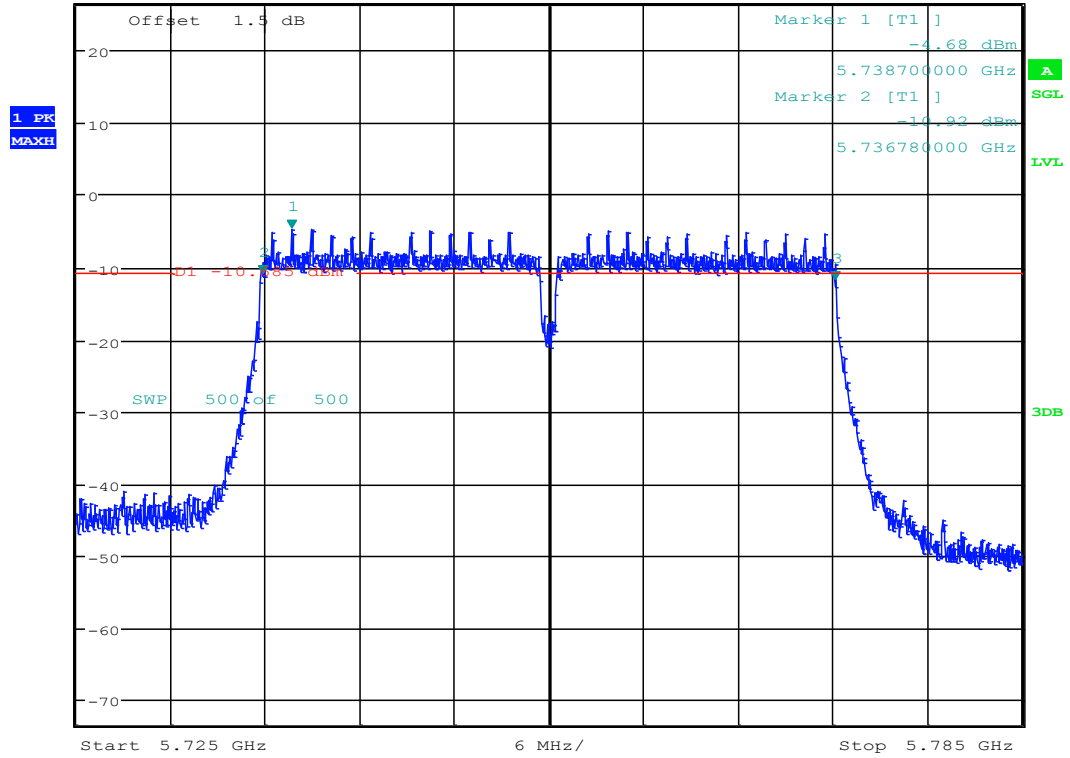
Date: 29.MAR.2018 19:05:19



### 4.33 11AC40\_151 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -11.92 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.773160000 GHz



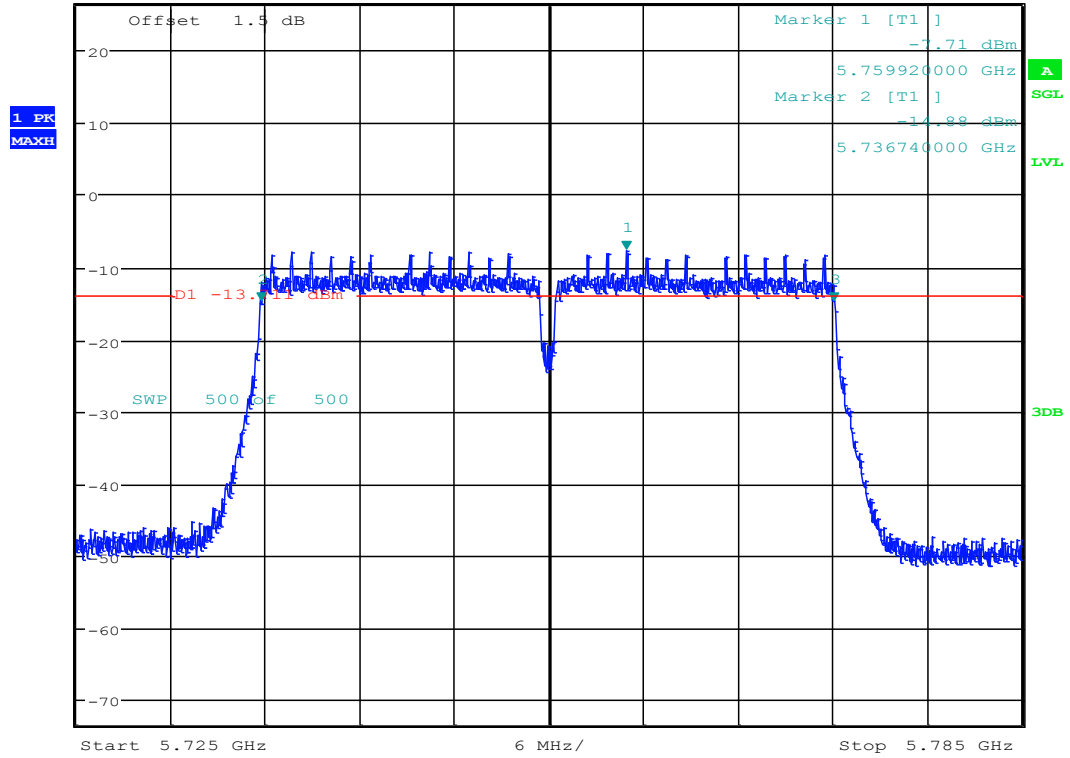
Date: 28.MAR.2018 17:08:22



### 4.34 11AC40\_151 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -14.74 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.773120000 GHz



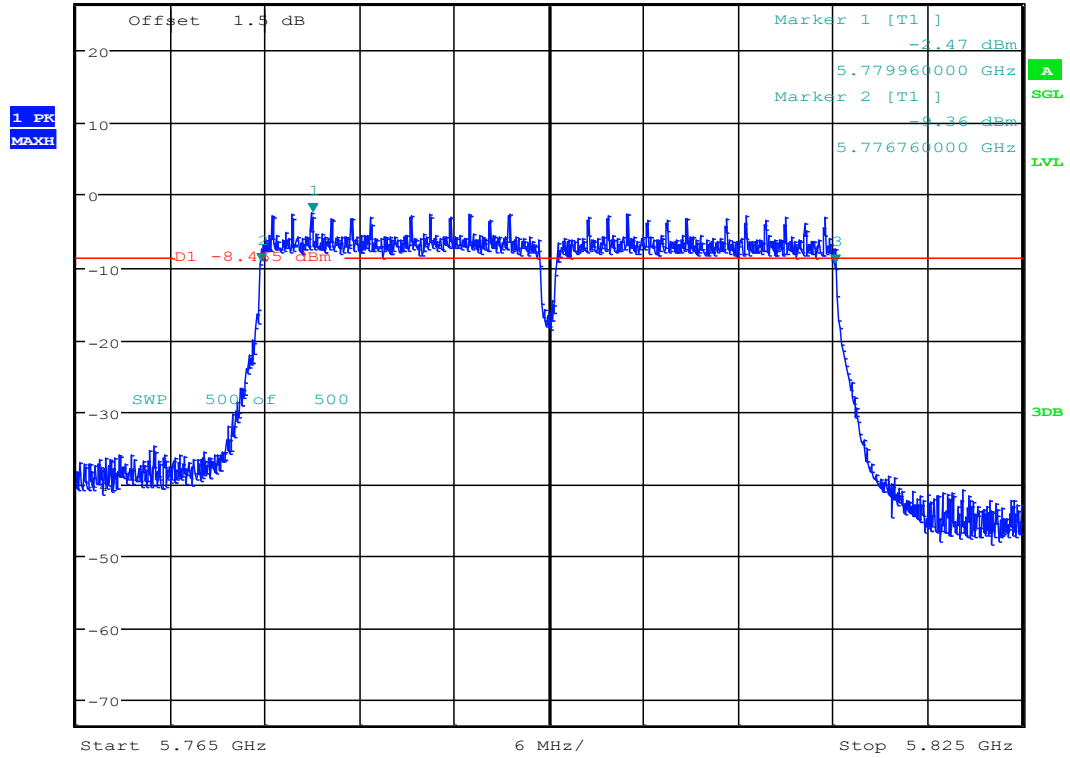
Date: 29.MAR.2018 16:06:39



### 4.35 11AC40\_159 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -9.56 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813160000 GHz



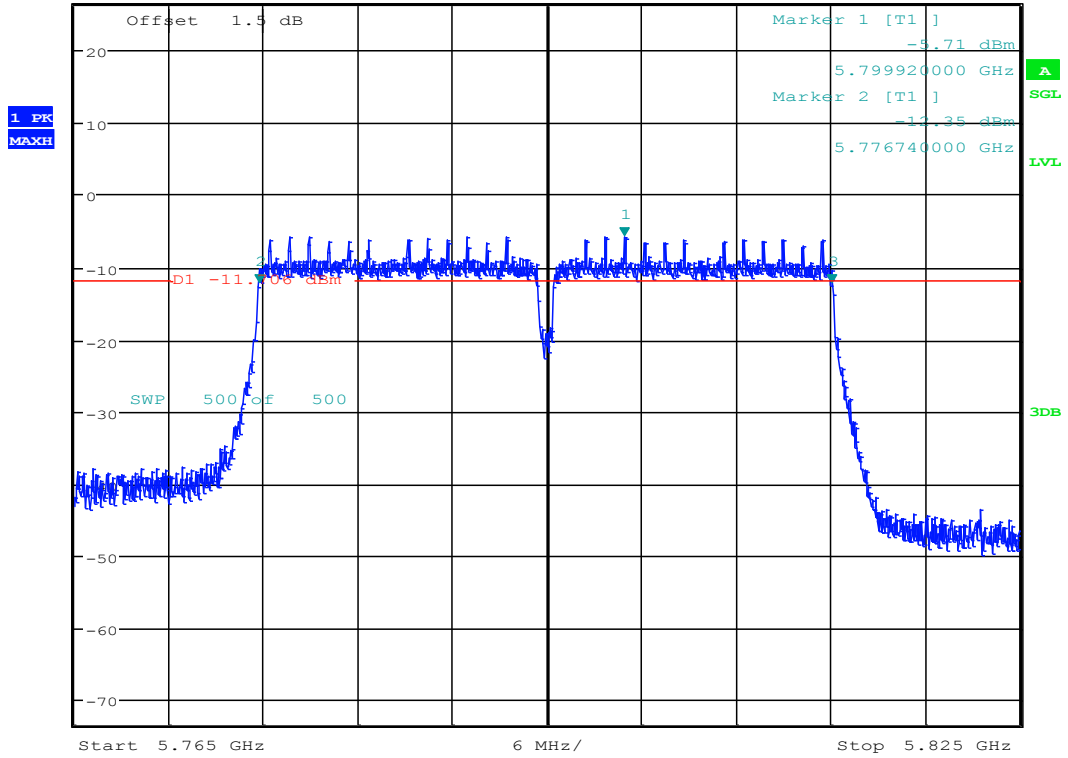
Date: 28.MAR.2018 17:11:45



### 4.36 11AC40\_159 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -12.23 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813120000 GHz



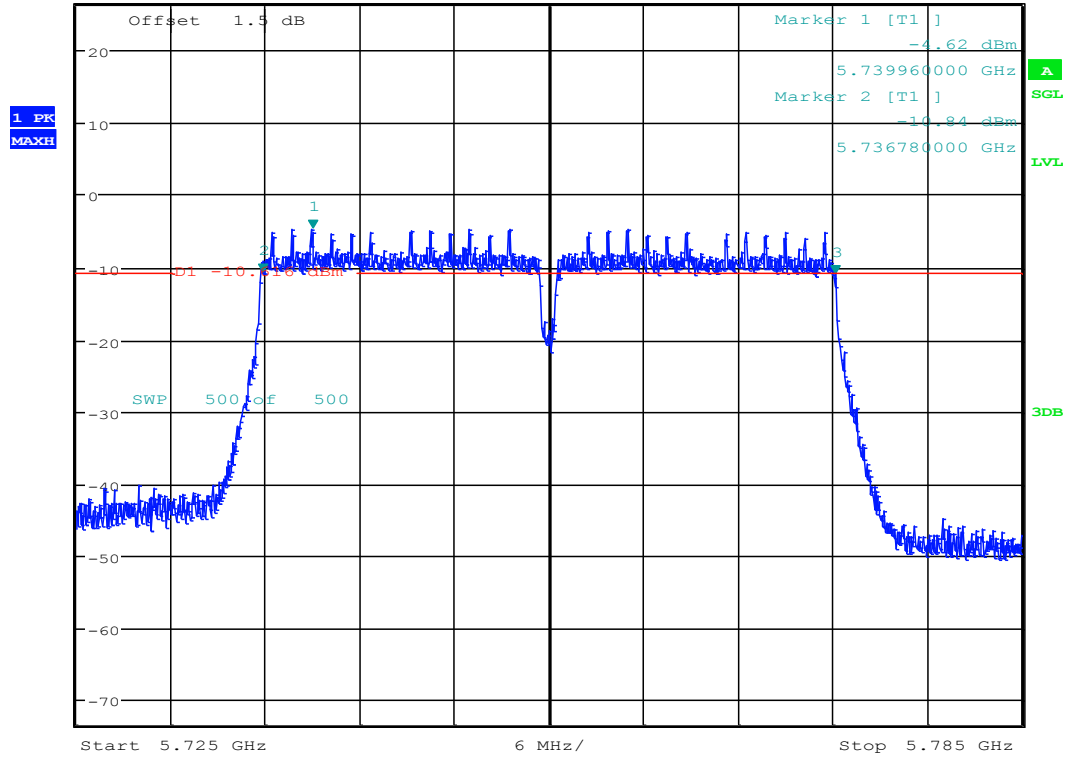
Date: 29.MAR.2018 16:10:20



### 4.37 11AC40MIMO\_151 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -10.94 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.773140000 GHz



Date: 28.MAR.2018 19:49:43

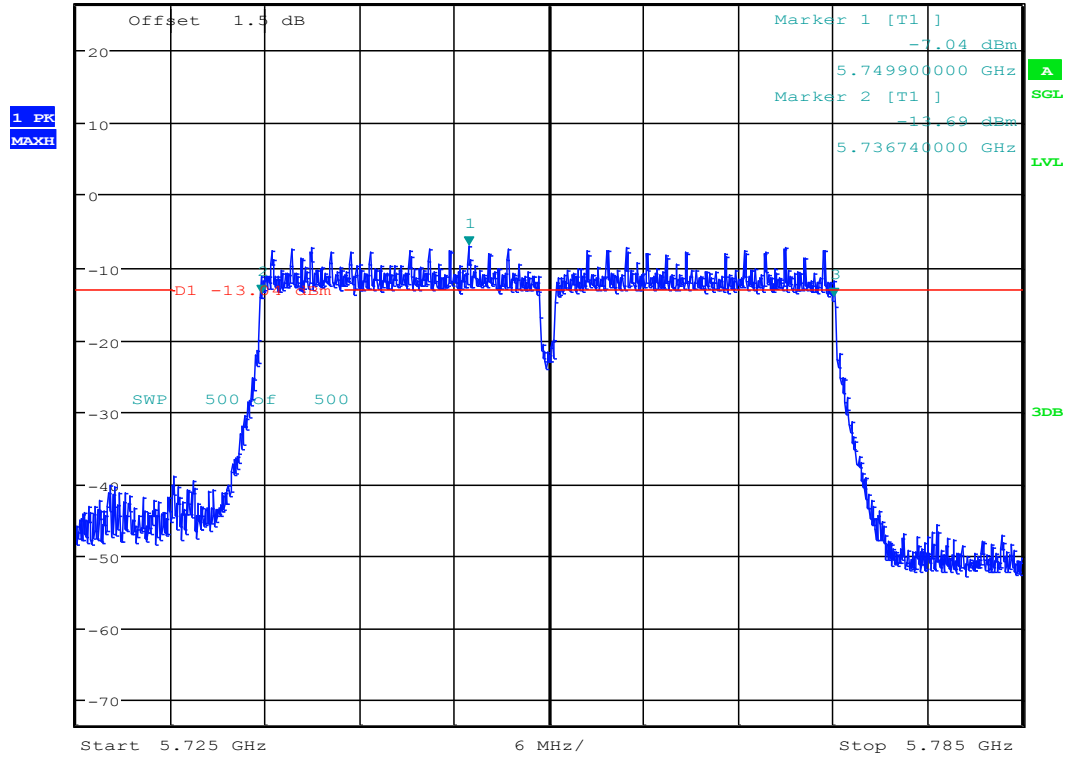




### 4.38 11AC40MIMO\_151 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -14.09 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.773120000 GHz



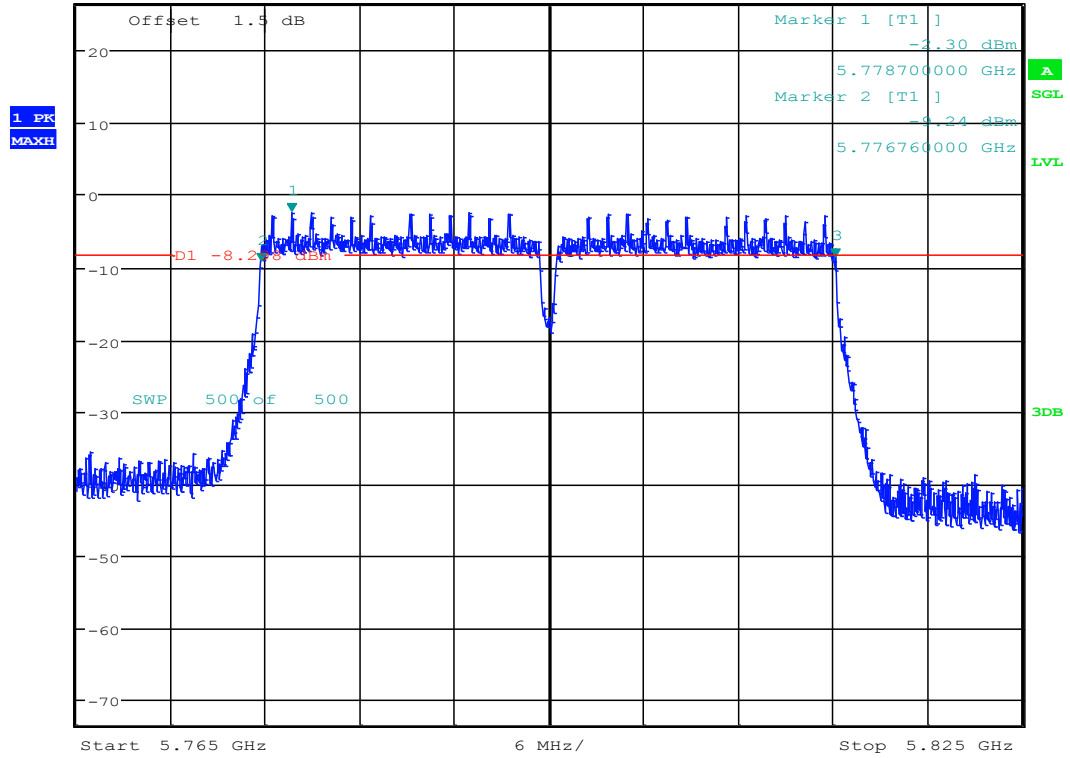
Date: 29.MAR.2018 19:27:31



### 4.39 11AC40MIMO\_159 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -8.76 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813140000 GHz



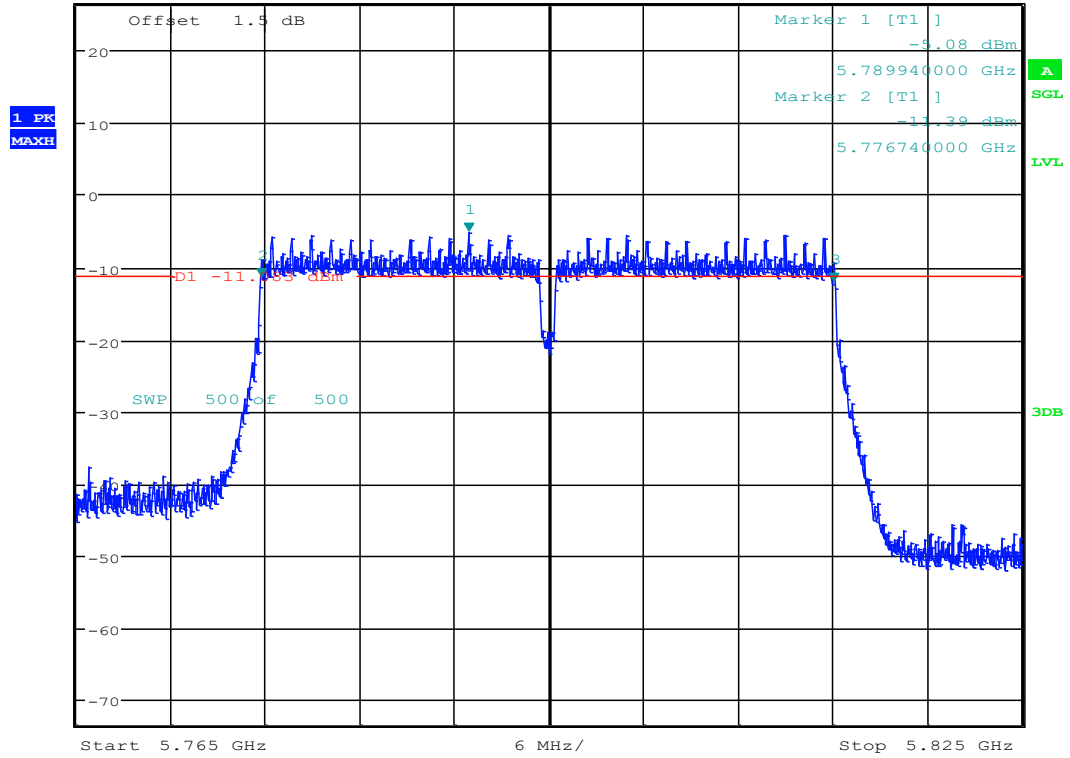
Date: 28.MAR.2018 19:52:42



### 4.40 11AC40MIMO\_159 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -12.06 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813120000 GHz



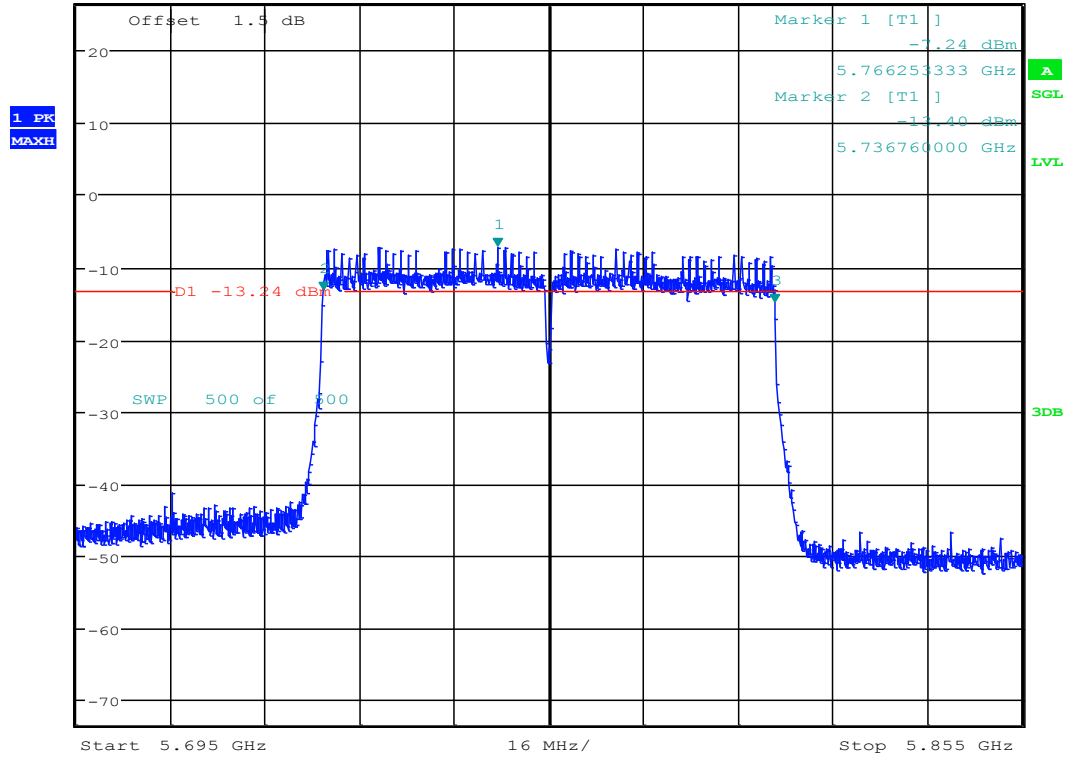
Date: 29.MAR.2018 19:30:34



### 4.41 11AC80\_155 ANT 1



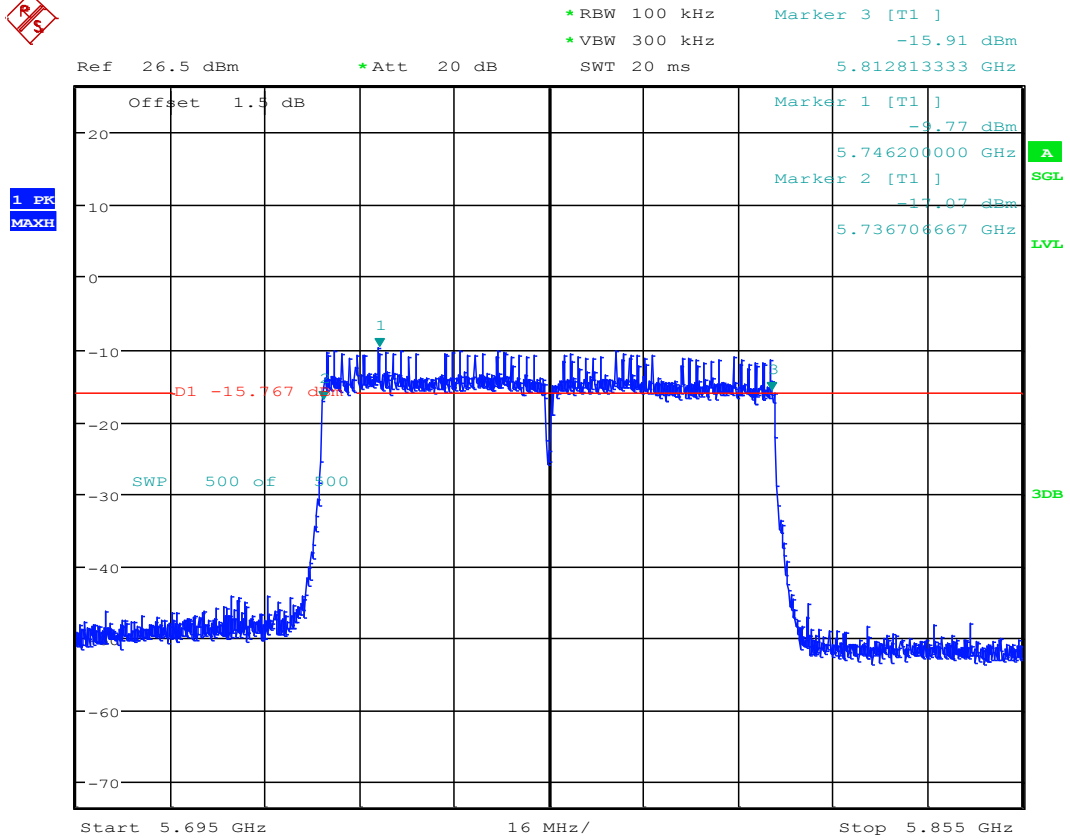
\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -15.00 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.813186667 GHz



Date: 28.MAR.2018 17:29:54



### 4.42 11AC80\_155 ANT 2



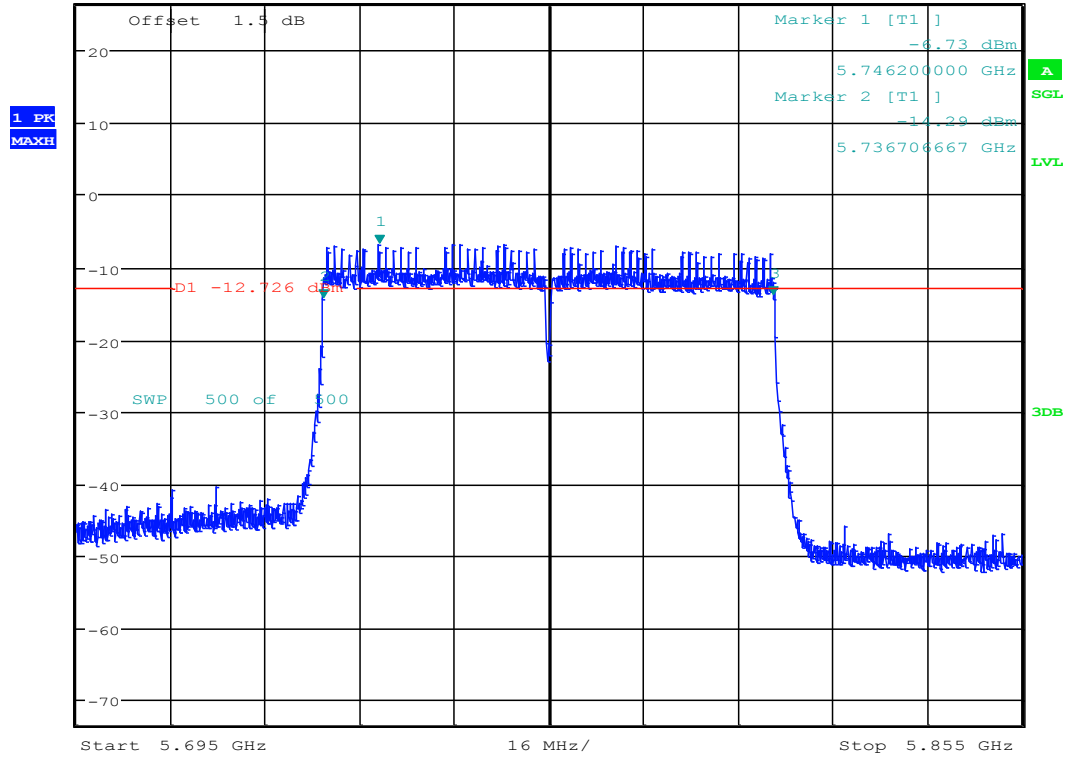
Date: 29.MAR.2018 16:29:16



### 4.43 11AC80MIMO\_155 ANT 1



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -13.85 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.812920000 GHz



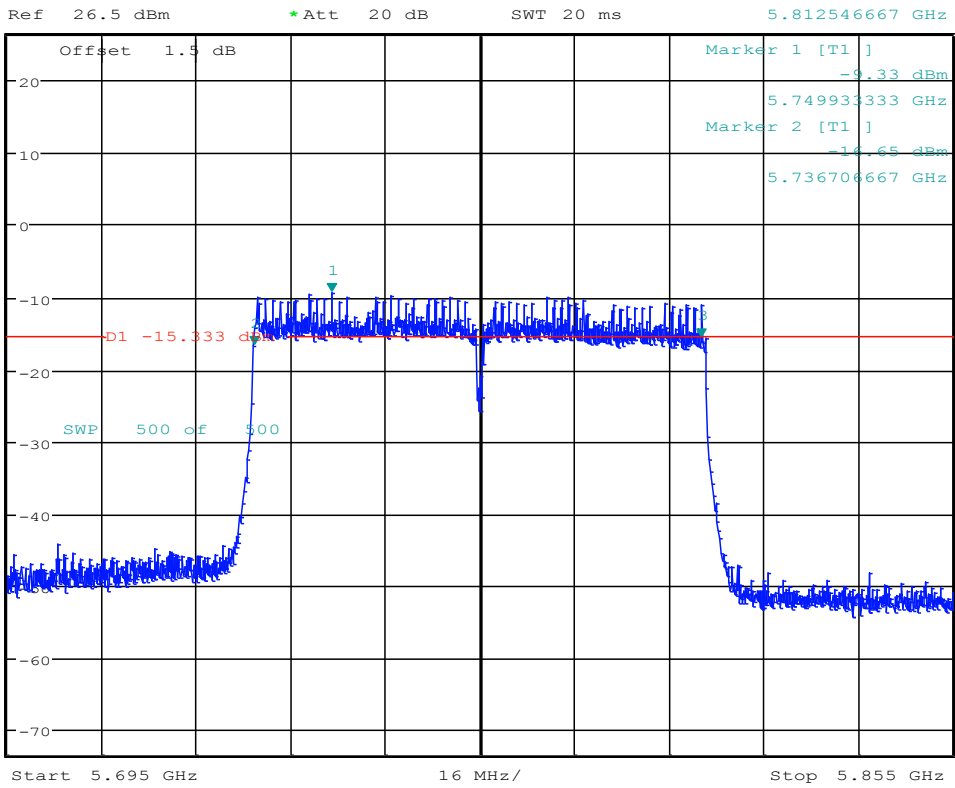
Date: 29.MAR.2018 10:56:32



### 4.44 11AC80MIMO\_155 ANT 2



\*RBW 100 kHz      Marker 3 [T1 ]  
 \*VBW 300 kHz      -15.70 dBm  
 SWT 20 ms      5.812546667 GHz



Date: 29.MAR.2018 19:45:22



# 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	17.34	PASS
	36	5180	ANT 2	17.32	PASS
	48	5240	ANT 1	17.48	PASS
	48	5240	ANT 2	17.44	PASS
	52	5260	ANT 1	17.42	PASS
	52	5260	ANT 2	17.36	PASS
	64	5320	ANT 1	17.34	PASS
	64	5320	ANT 2	17.32	PASS
	100	5500	ANT 1	17.36	PASS
	100	5500	ANT 2	17.34	PASS
	140	5700	ANT 1	17.34	PASS
	140	5700	ANT 2	17.3	PASS
	149	5745	ANT 1	17.36	PASS
	149	5745	ANT 2	17.38	PASS
	165	5825	ANT 1	17.38	PASS
	165	5825	ANT 2	17.34	PASS
11A20_CDD	36	5180	ANT 1	17.32	PASS
	36	5180	ANT 2	17.16	PASS
	48	5240	ANT 1	17.42	PASS
	48	5240	ANT 2	17.28	PASS
	52	5260	ANT 1	17.38	PASS
	52	5260	ANT 2	17.26	PASS
	64	5320	ANT 1	17.30	PASS
	64	5320	ANT 2	17.18	PASS
	100	5500	ANT 1	17.34	PASS
	100	5500	ANT 2	17.2	PASS
	140	5700	ANT 1	17.34	PASS
	140	5700	ANT 2	17.2	PASS
	149	5745	ANT 1	17.34	PASS
	149	5745	ANT 2	17.2	PASS
	165	5825	ANT 1	17.34	PASS
	165	5825	ANT 2	17.22	PASS



11N20	36	5180	ANT 1	18.38	PASS
	36	5180	ANT 2	18.36	PASS
	48	5240	ANT 1	18.44	PASS
	48	5240	ANT 2	18.44	PASS
	52	5260	ANT 1	18.46	PASS
	52	5260	ANT 2	18.42	PASS
	64	5320	ANT 1	18.36	PASS
	64	5320	ANT 2	18.38	PASS
	100	5500	ANT 1	18.38	PASS
	100	5500	ANT 2	18.42	PASS
	140	5700	ANT 1	18.4	PASS
	140	5700	ANT 2	18.4	PASS
	149	5745	ANT 1	18.4	PASS
	149	5745	ANT 2	18.4	PASS
	165	5825	ANT 1	18.4	PASS
	165	5825	ANT 2	18.42	PASS
11N20MIMO	36	5180	ANT 1	18.38	PASS
	36	5180	ANT 2	18.06	PASS
	48	5240	ANT 1	18.42	PASS
	48	5240	ANT 2	18.2	PASS
	52	5260	ANT 1	18.42	PASS
	52	5260	ANT 2	18.12	PASS
	64	5320	ANT 1	18.34	PASS
	64	5320	ANT 2	18.04	PASS
	100	5500	ANT 1	18.38	PASS
	100	5500	ANT 2	18.08	PASS
	140	5700	ANT 1	18.36	PASS
	140	5700	ANT 2	18.06	PASS
	149	5745	ANT 1	18.38	PASS
	149	5745	ANT 2	18.1	PASS
	165	5825	ANT 1	18.4	PASS
	165	5825	ANT 2	18.08	PASS
11N40	38	5190	ANT 1	36.6	PASS
	38	5190	ANT 2	36.58	PASS
	46	5230	ANT 1	36.62	PASS
	46	5230	ANT 2	36.62	PASS
	54	5270	ANT 1	36.66	PASS
	54	5270	ANT 2	36.64	PASS
	62	5310	ANT 1	36.58	PASS
	62	5310	ANT 2	36.58	PASS
	102	5510	ANT 1	36.58	PASS



	102	5510	ANT 2	36.58	PASS
	134	5670	ANT 1	36.64	PASS
	134	5670	ANT 2	36.6	PASS
	151	5755	ANT 1	36.58	PASS
	151	5755	ANT 2	36.58	PASS
	159	5795	ANT 1	36.64	PASS
	159	5795	ANT 2	36.64	PASS
11N40MIMO	38	5190	ANT 1	36.58	PASS
	38	5190	ANT 2	36.38	PASS
	46	5230	ANT 1	36.64	PASS
	46	5230	ANT 2	36.38	PASS
	54	5270	ANT 1	36.64	PASS
	54	5270	ANT 2	36.38	PASS
	62	5310	ANT 1	36.62	PASS
	62	5310	ANT 2	36.36	PASS
	102	5510	ANT 1	36.62	PASS
	102	5510	ANT 2	36.36	PASS
	134	5670	ANT 1	36.64	PASS
	134	5670	ANT 2	36.4	PASS
	151	5755	ANT 1	36.6	PASS
	151	5755	ANT 2	36.36	PASS
	159	5795	ANT 1	36.62	PASS
	159	5795	ANT 2	36.38	PASS
11AC20	36	5180	ANT 1	18.38	PASS
	36	5180	ANT 2	18.34	PASS
	48	5240	ANT 1	18.42	PASS
	48	5240	ANT 2	18.4	PASS
	52	5260	ANT 1	18.44	PASS
	52	5260	ANT 2	18.38	PASS
	64	5320	ANT 1	18.38	PASS
	64	5320	ANT 2	18.36	PASS
	100	5500	ANT 1	18.34	PASS
	100	5500	ANT 2	18.36	PASS
	140	5700	ANT 1	18.4	PASS
	140	5700	ANT 2	18.36	PASS
	149	5745	ANT 1	18.38	PASS
	149	5745	ANT 2	18.4	PASS
	165	5825	ANT 1	18.42	PASS
	165	5825	ANT 2	18.4	PASS
11AC20MIMO	36	5180	ANT 1	18.4	PASS
	36	5180	ANT 2	18.02	PASS



	48	5240	ANT 1	18.48	PASS
	48	5240	ANT 2	18.12	PASS
	52	5260	ANT 1	18.44	PASS
	52	5260	ANT 2	18.1	PASS
	64	5320	ANT 1	18.38	PASS
	64	5320	ANT 2	18.02	PASS
	100	5500	ANT 1	18.38	PASS
	100	5500	ANT 2	18.04	PASS
	140	5700	ANT 1	18.4	PASS
	140	5700	ANT 2	18.02	PASS
	149	5745	ANT 1	18.36	PASS
	149	5745	ANT 2	18.04	PASS
	165	5825	ANT 1	18.38	PASS
	165	5825	ANT 2	18.04	PASS
	11AC40	38	5190	ANT 1	36.56
38		5190	ANT 2	36.56	PASS
46		5230	ANT 1	36.58	PASS
46		5230	ANT 2	36.58	PASS
54		5270	ANT 1	36.62	PASS
54		5270	ANT 2	36.6	PASS
62		5310	ANT 1	36.56	PASS
62		5310	ANT 2	36.56	PASS
102		5510	ANT 1	36.58	PASS
102		5510	ANT 2	36.56	PASS
134		5670	ANT 1	36.6	PASS
134		5670	ANT 2	36.58	PASS
151		5755	ANT 1	36.56	PASS
151		5755	ANT 2	36.56	PASS
159		5795	ANT 1	36.58	PASS
159	5795	ANT 2	36.64	PASS	
11AC40MIMO	38	5190	ANT 1	36.56	PASS
	38	5190	ANT 2	36.36	PASS
	46	5230	ANT 1	36.6	PASS
	46	5230	ANT 2	36.38	PASS
	54	5270	ANT 1	36.62	PASS
	54	5270	ANT 2	36.38	PASS
	62	5310	ANT 1	36.54	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

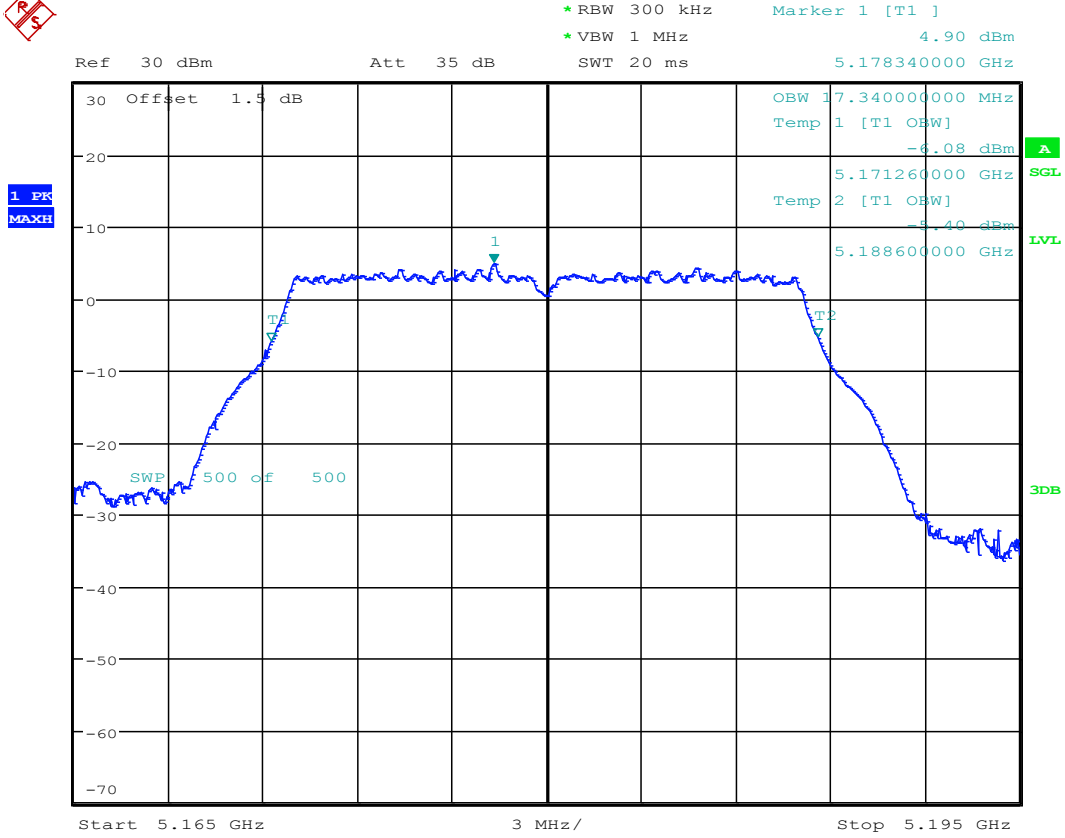


	134	5670	ANT 2	36.38	PASS
	151	5755	ANT 1	36.6	PASS
	151	5755	ANT 2	36.36	PASS
	159	5795	ANT 1	36.6	PASS
	159	5795	ANT 2	36.38	PASS
11AC80	42	5210	ANT 1	76.04	PASS
	42	5210	ANT 2	76	PASS
	58	5290	ANT 1	76.08	PASS
	58	5290	ANT 2	76.08	PASS
	106	5530	ANT 1	76.2	PASS
	106	5530	ANT 2	76.04	PASS
	155	5775	ANT 1	76.16	PASS
	155	5775	ANT 2	76.16	PASS
11AC80MIMO	42	5210	ANT 1	76.08	PASS
	42	5210	ANT 2	75.88	PASS
	58	5290	ANT 1	76	PASS
	58	5290	ANT 2	75.92	PASS
	106	5530	ANT 1	76.12	PASS
	106	5530	ANT 2	75.88	PASS
	155	5775	ANT 1	76.04	PASS
	155	5775	ANT 2	75.96	PASS



## 6 Test Plot

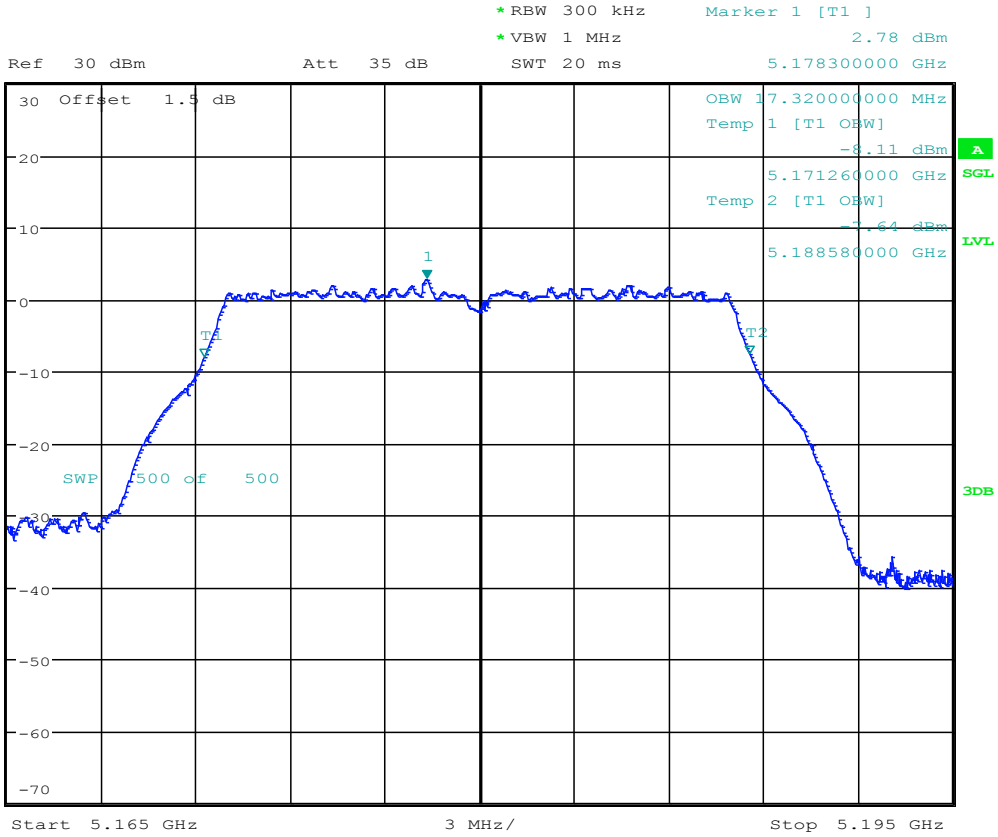
### 6.1 11A20\_36 ANT 1



Date: 28.MAR.2018 12:59:59



### 6.2 11A20\_36 ANT 2



Date: 29.MAR.2018 12:15:30









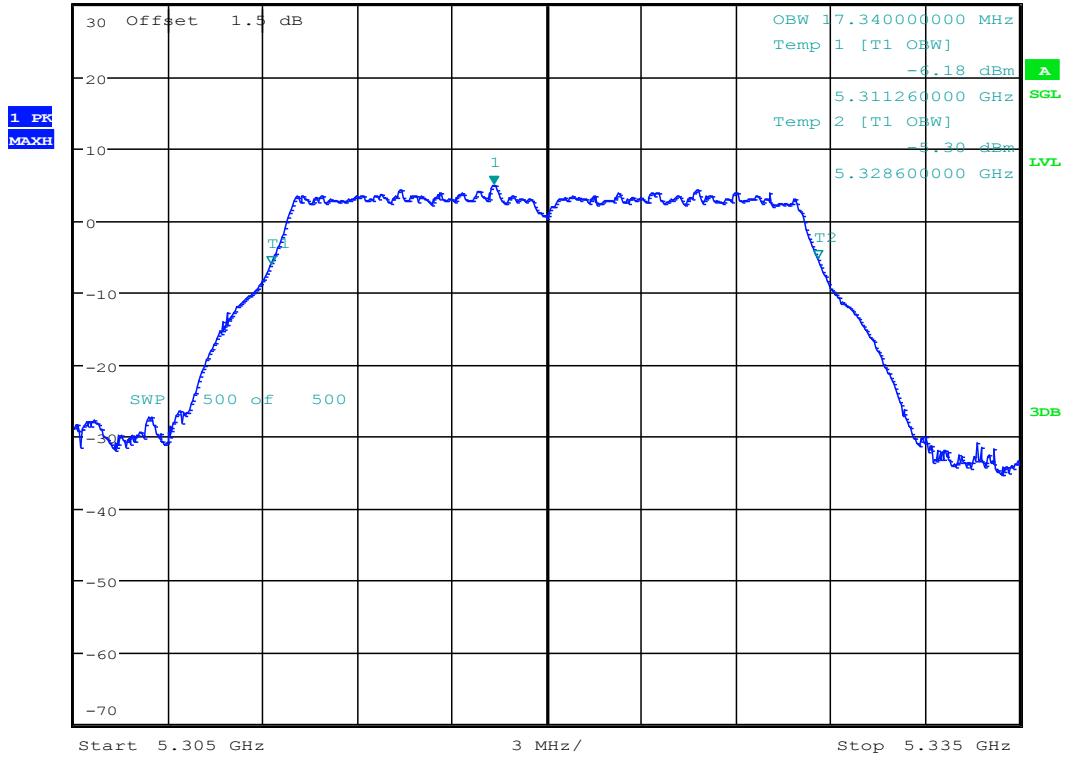




### 6.7 11A20\_64 ANT 1



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.99 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.318320000 GHz



Date: 28.MAR.2018 14:38:15



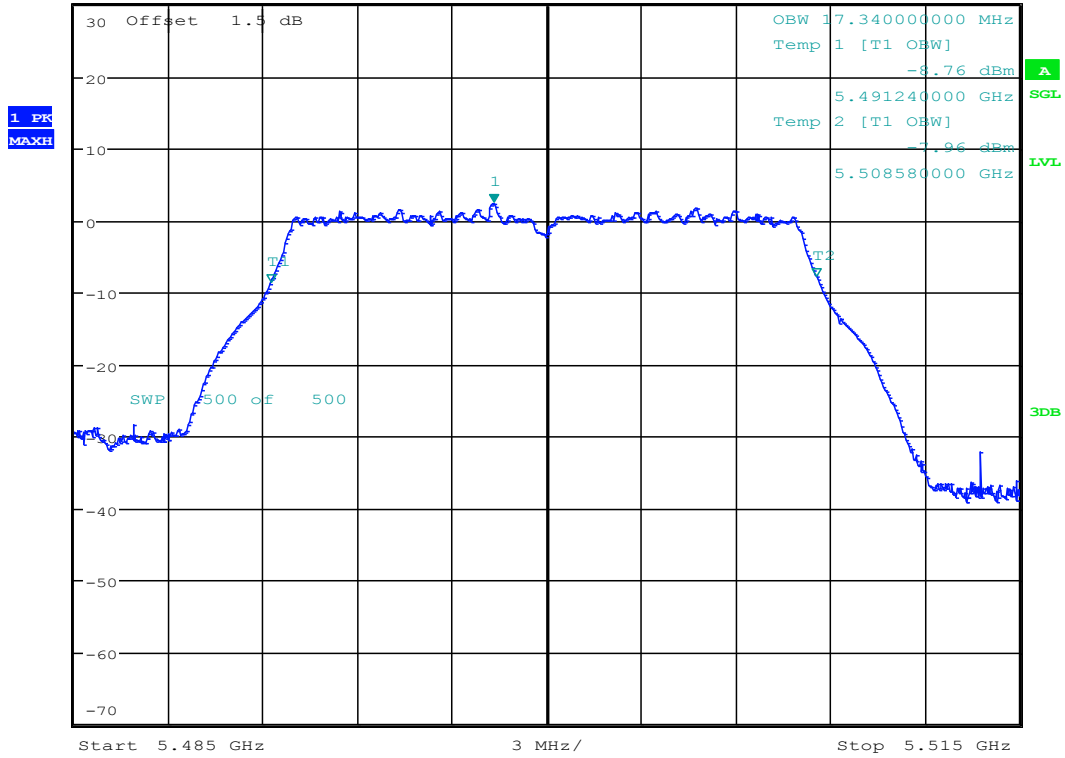




### 6.10 11A20\_100 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.39 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.498300000 GHz



Date: 29.MAR.2018 12:26:45



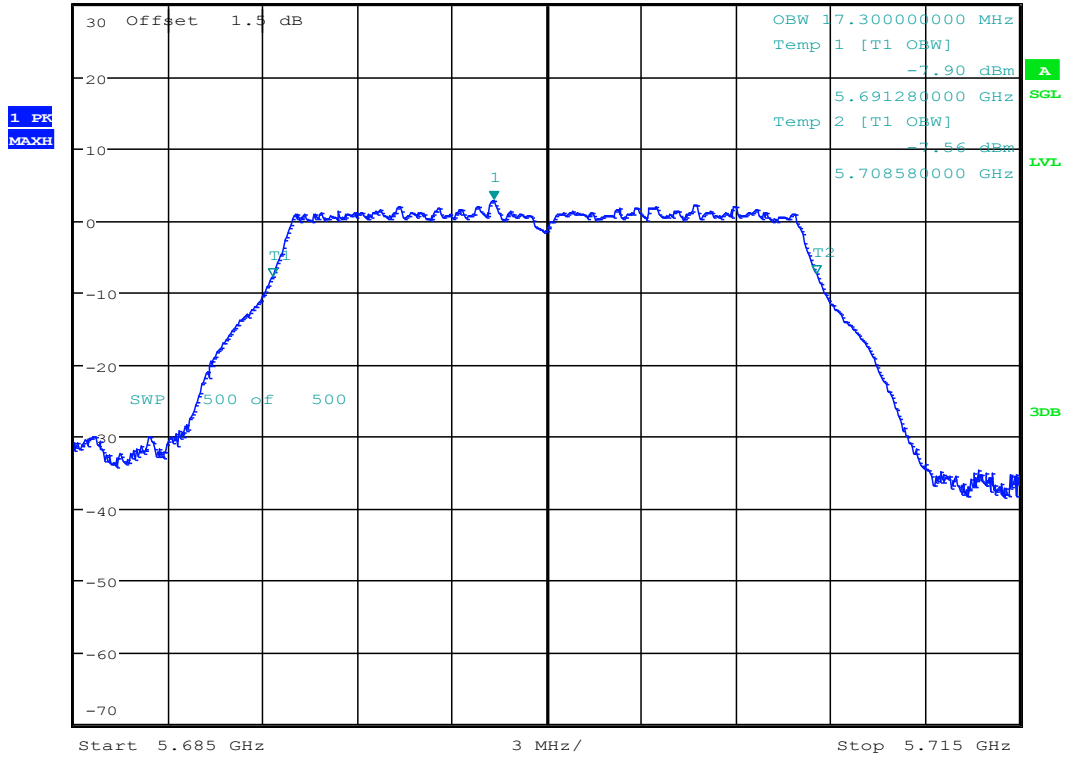




### 6.12 11A20\_140 ANT 2



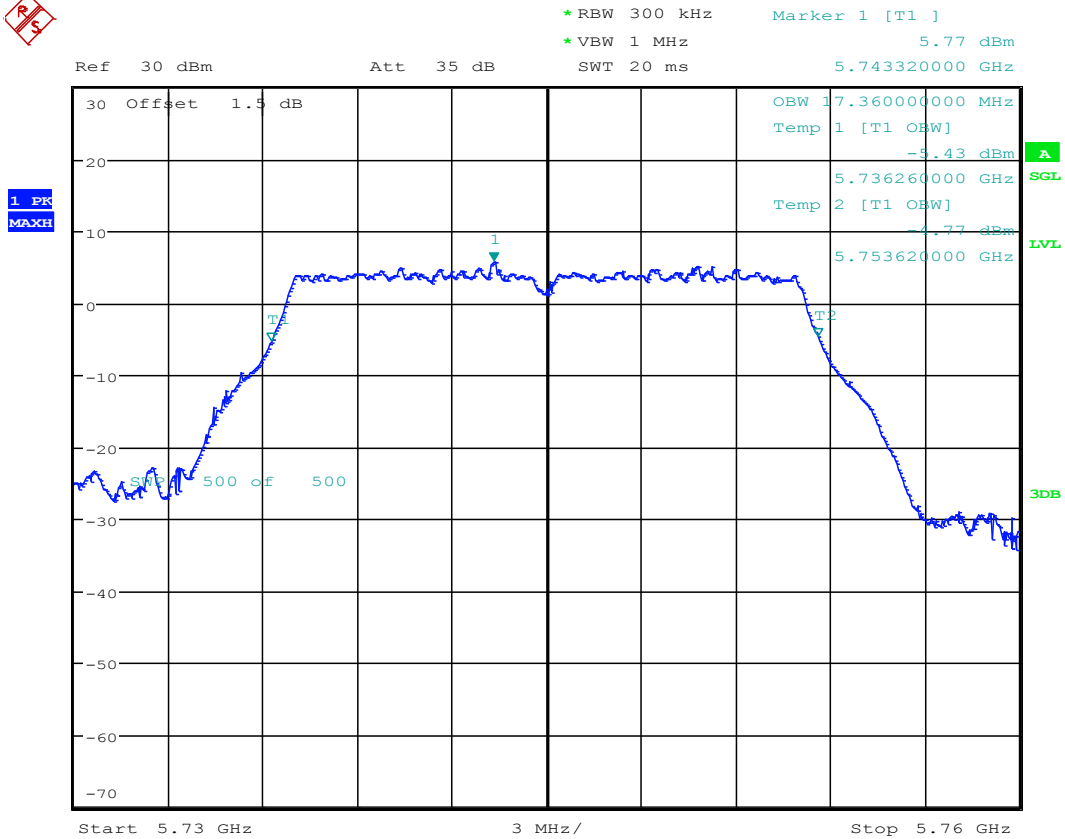
\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.89 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.698300000 GHz



Date: 29.MAR.2018 12:29:12



### 6.13 11A20\_149 ANT 1



Date: 28.MAR.2018 14:52:13



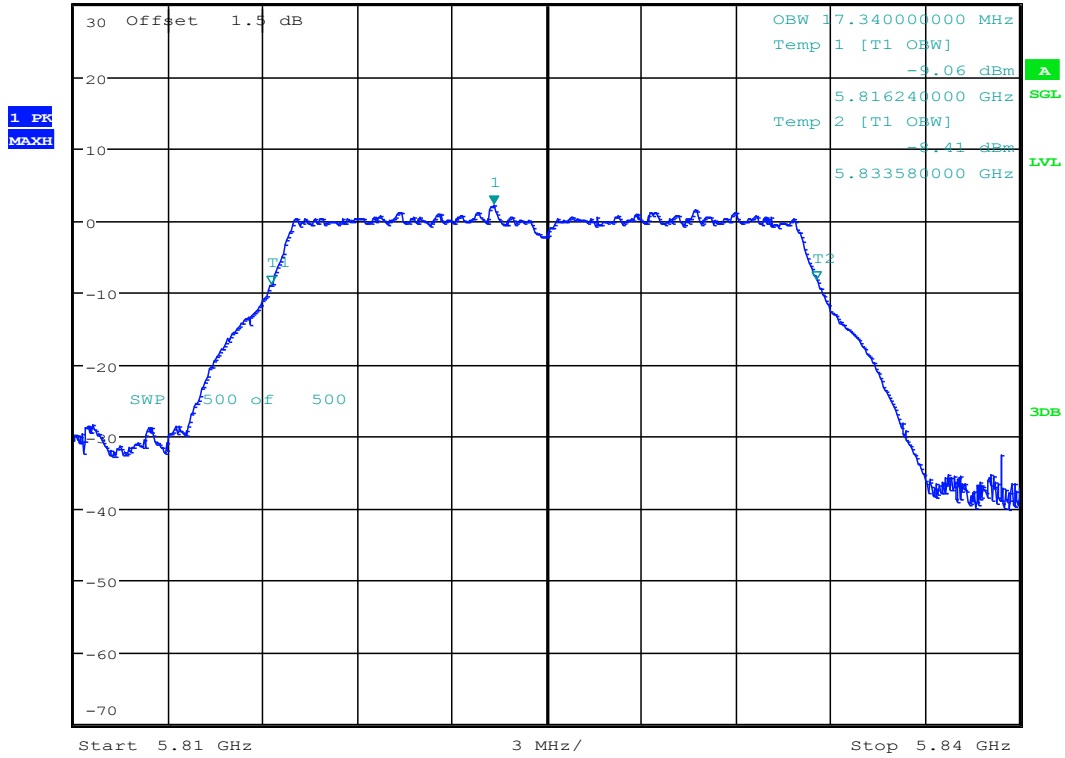




### 6.16 11A20\_165 ANT 2



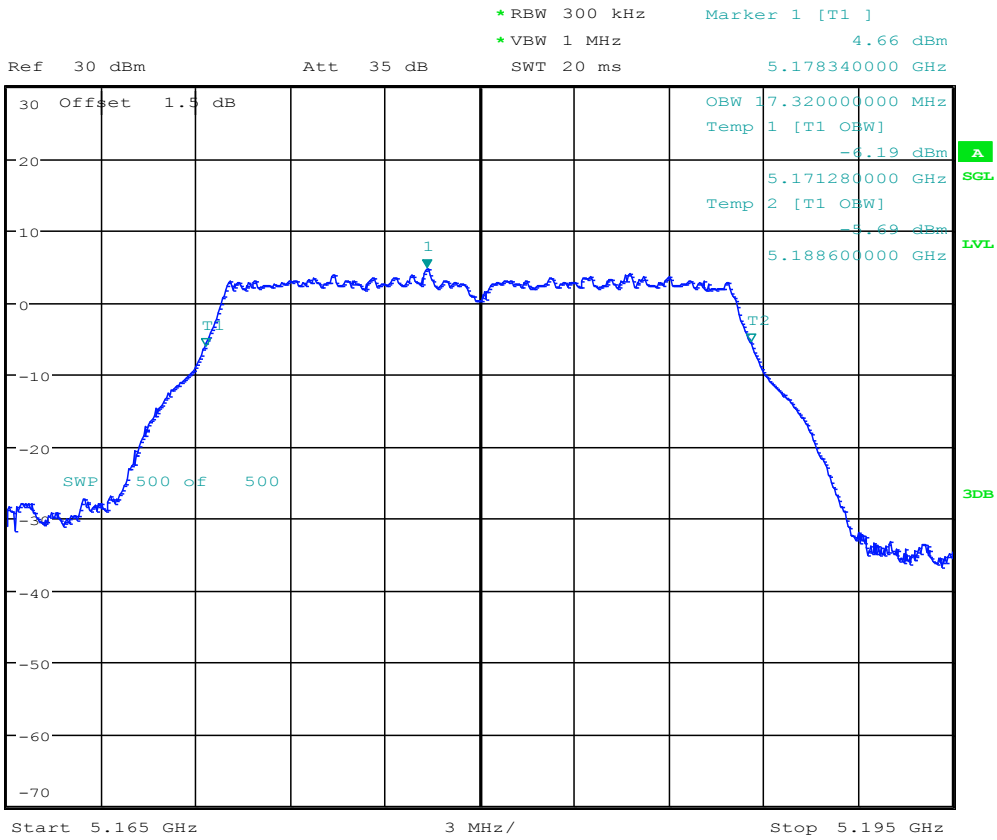
\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.11 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.823300000 GHz



Date: 29.MAR.2018 12:39:14



### 6.1711A20\_CDD\_36 ANT 1



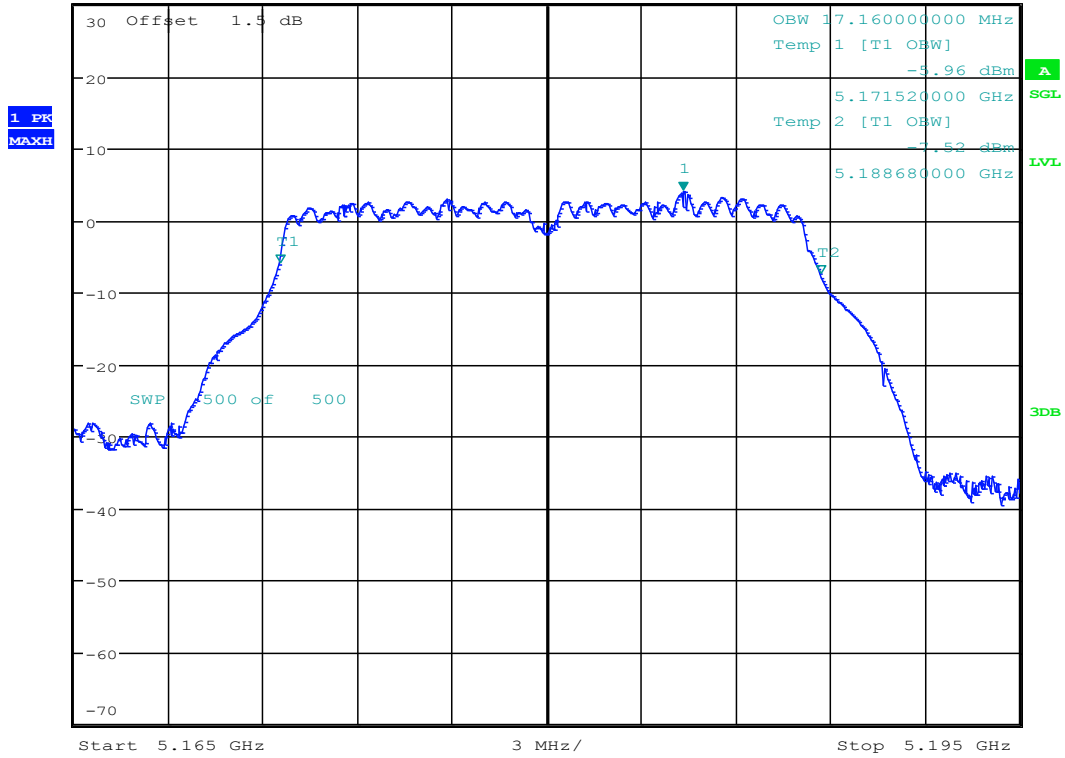
Date: 28.MAR.2018 17:41:16



### 6.18 11A20\_CDD\_36 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.02 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.184320000 GHz



Date: 29.MAR.2018 16:35:32









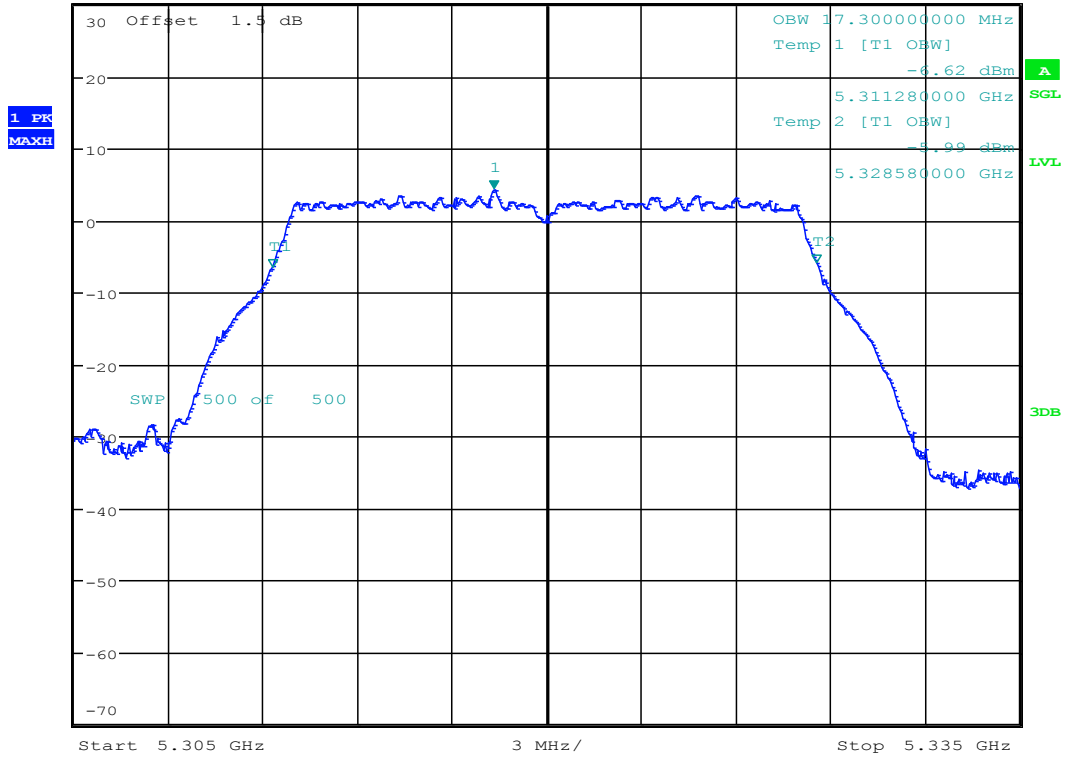




### 6.23 11A20\_CDD\_64 ANT 1



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.25 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.318320000 GHz



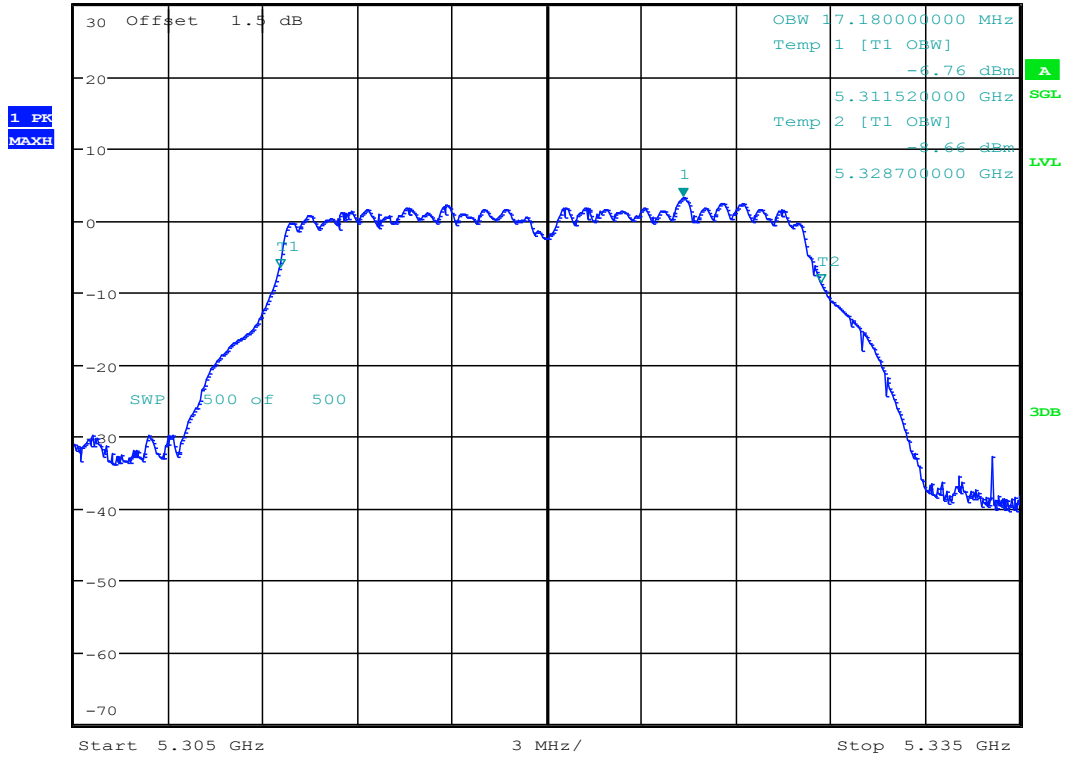
Date: 28.MAR.2018 17:49:21



### 6.24 11A20\_CDD\_64 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      3.13 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.324340000 GHz



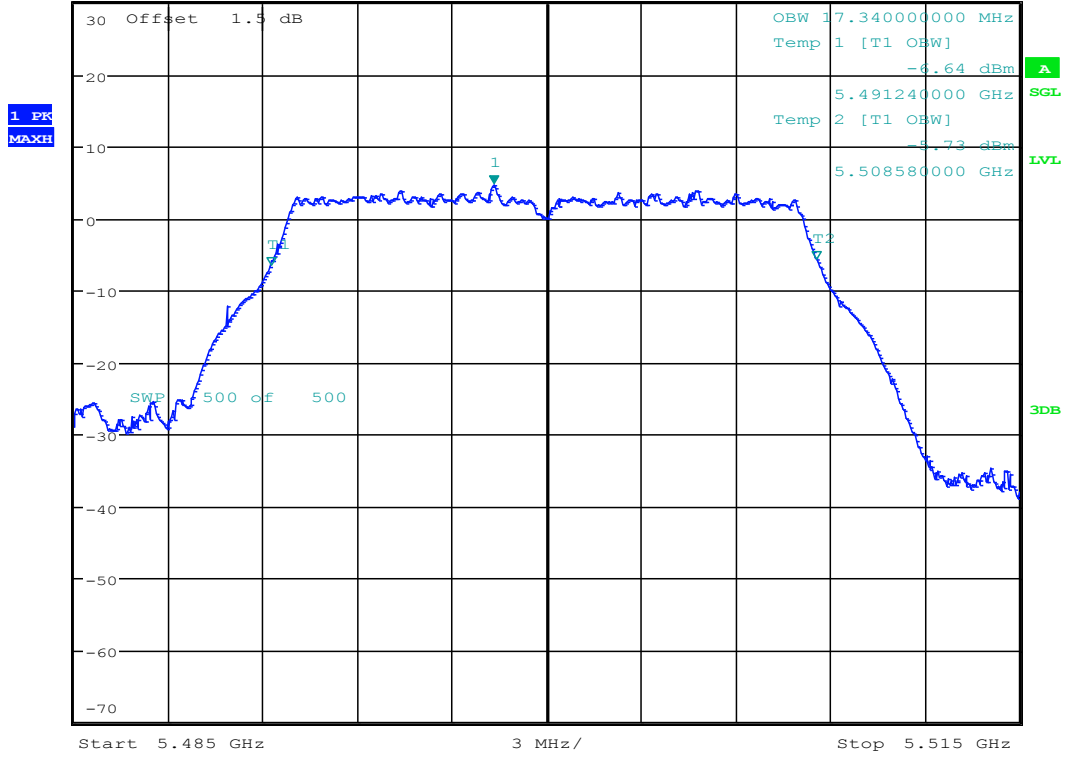
Date: 29.MAR.2018 16:54:26



### 6.25 11A20\_CDD\_100 ANT 1



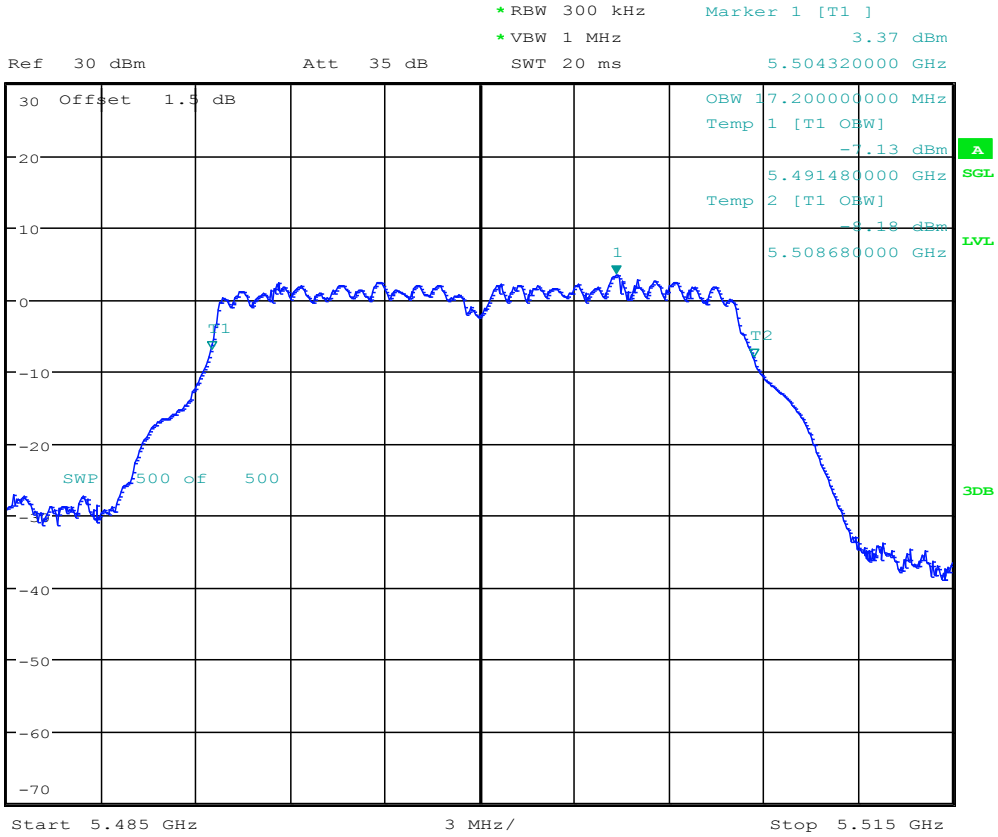
\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.63 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.498340000 GHz



Date: 28.MAR.2018 17:52:00



### 6.26 11A20\_CDD\_100 ANT 2



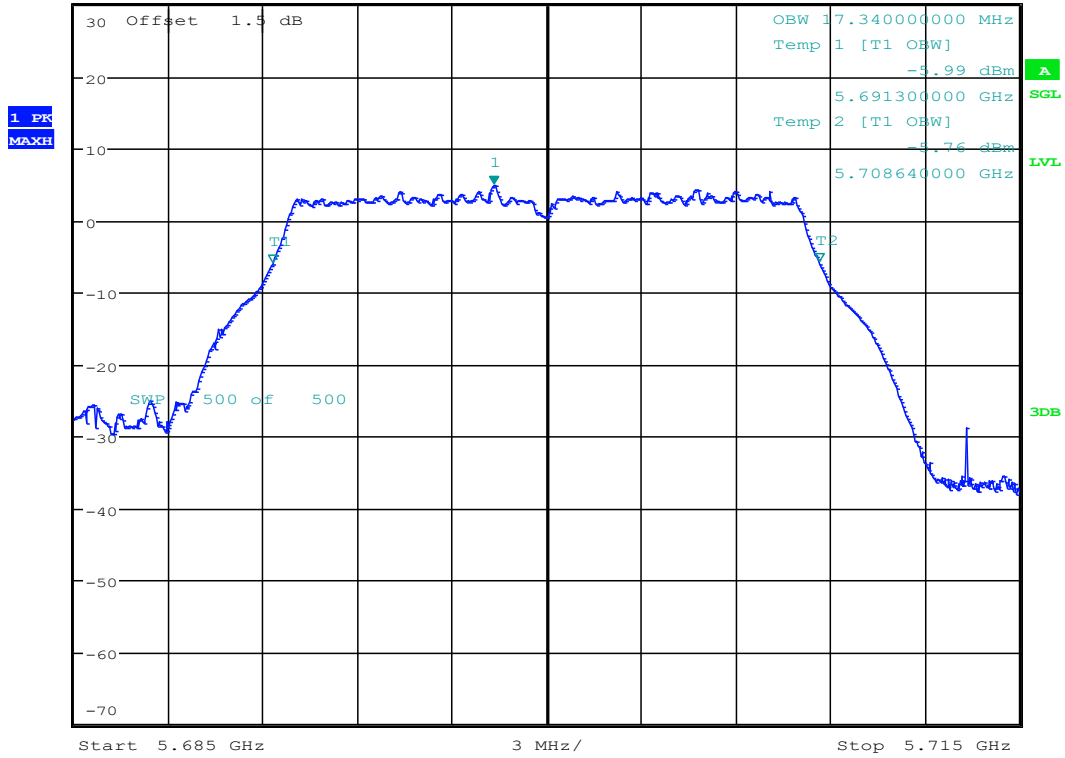
Date: 29.MAR.2018 16:57:15



### 6.27 11A20\_CDD\_140 ANT 1



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.87 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.698320000 GHz



Date: 28.MAR.2018 17:54:49

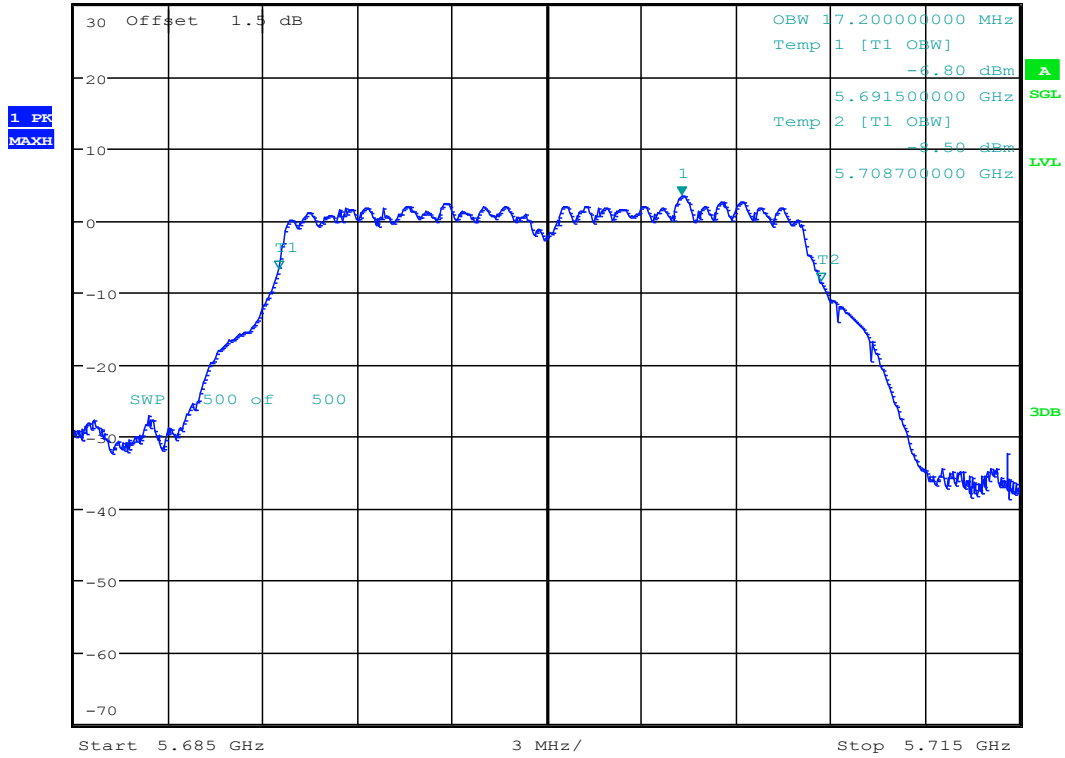




### 6.28 11A20\_CDD\_140 ANT 2



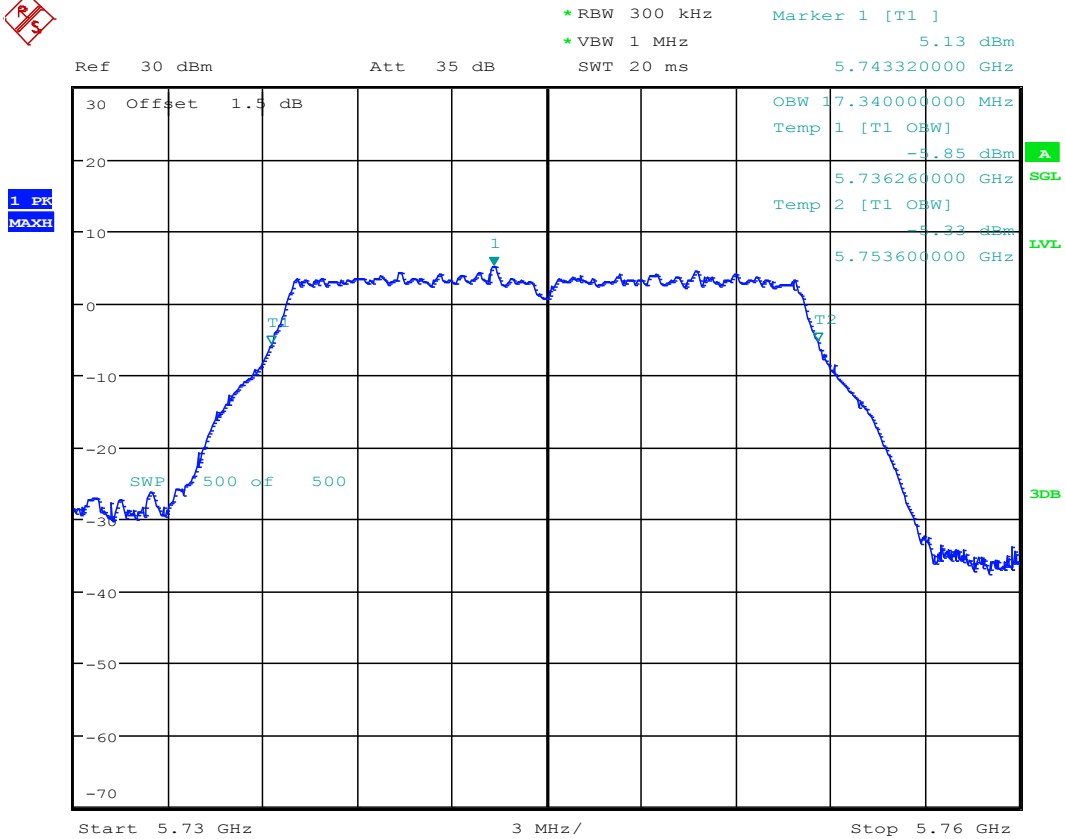
\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      3.40 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.704300000 GHz



Date: 29.MAR.2018 16:59:45



### 6.29 11A20\_CDD\_149 ANT 1



Date: 28.MAR.2018 18:00:26







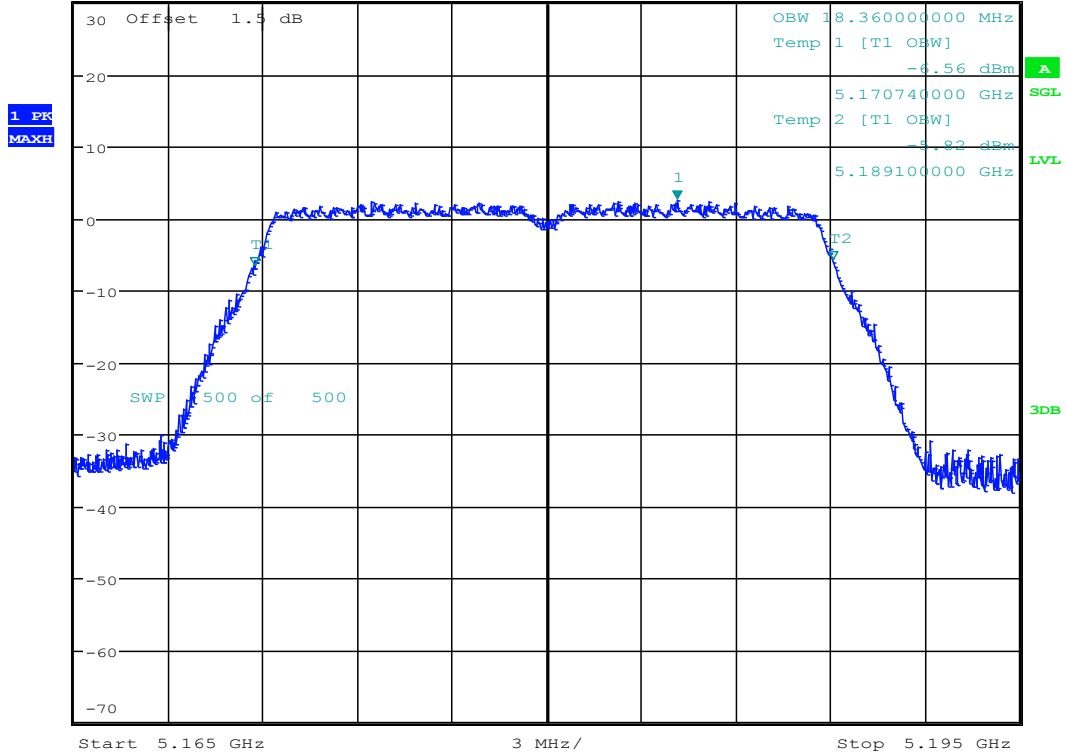




### 6.34 11N20\_36 ANT 2



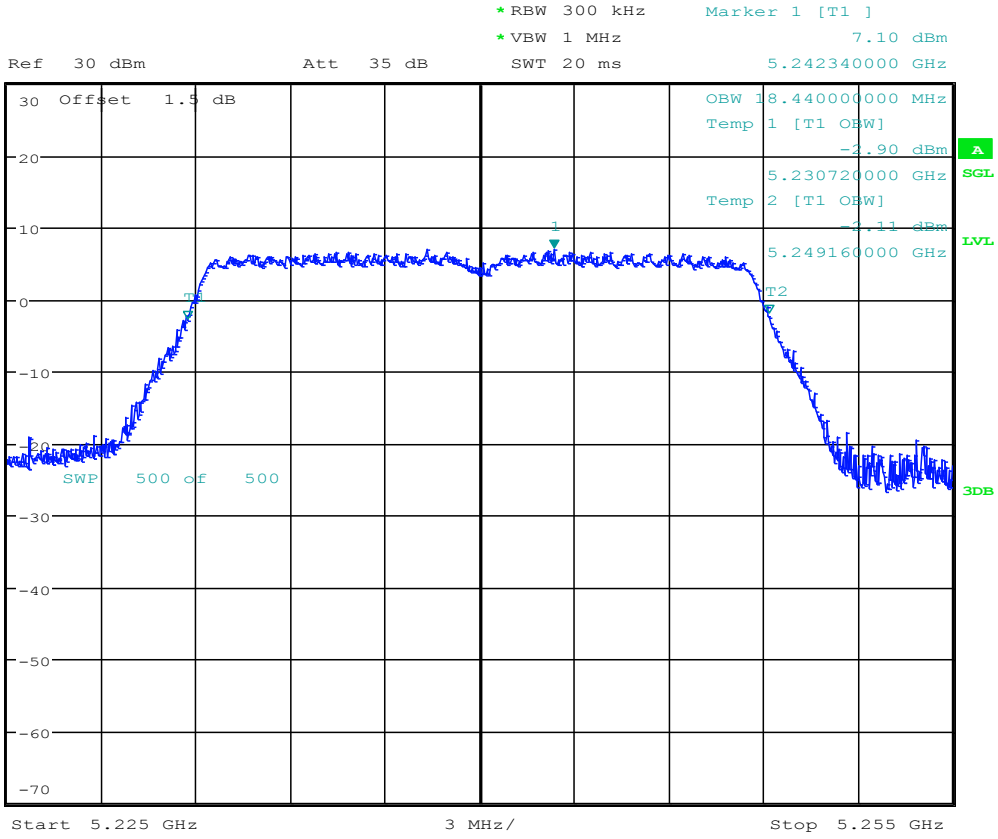
\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.53 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.184120000 GHz



Date: 29.MAR.2018 12:43:15



6.35 11N20\_48 ANT 1



Date: 28.MAR.2018 15:08:55





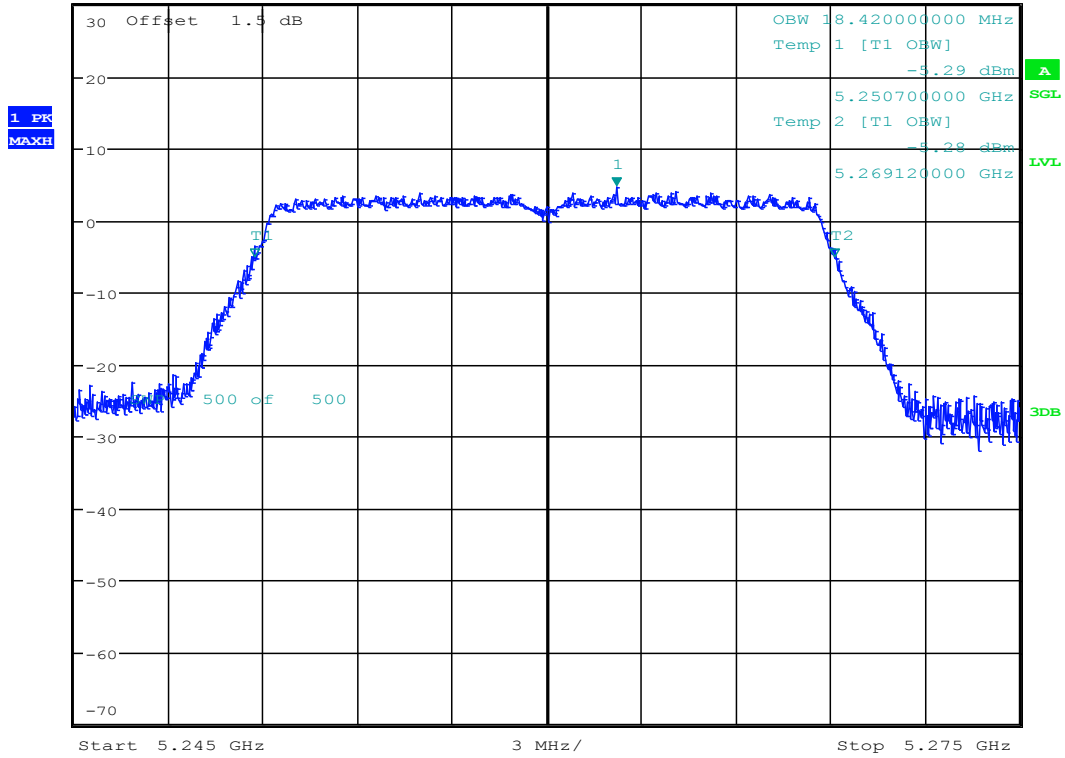




### 6.38 11N20\_52 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.70 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.262200000 GHz



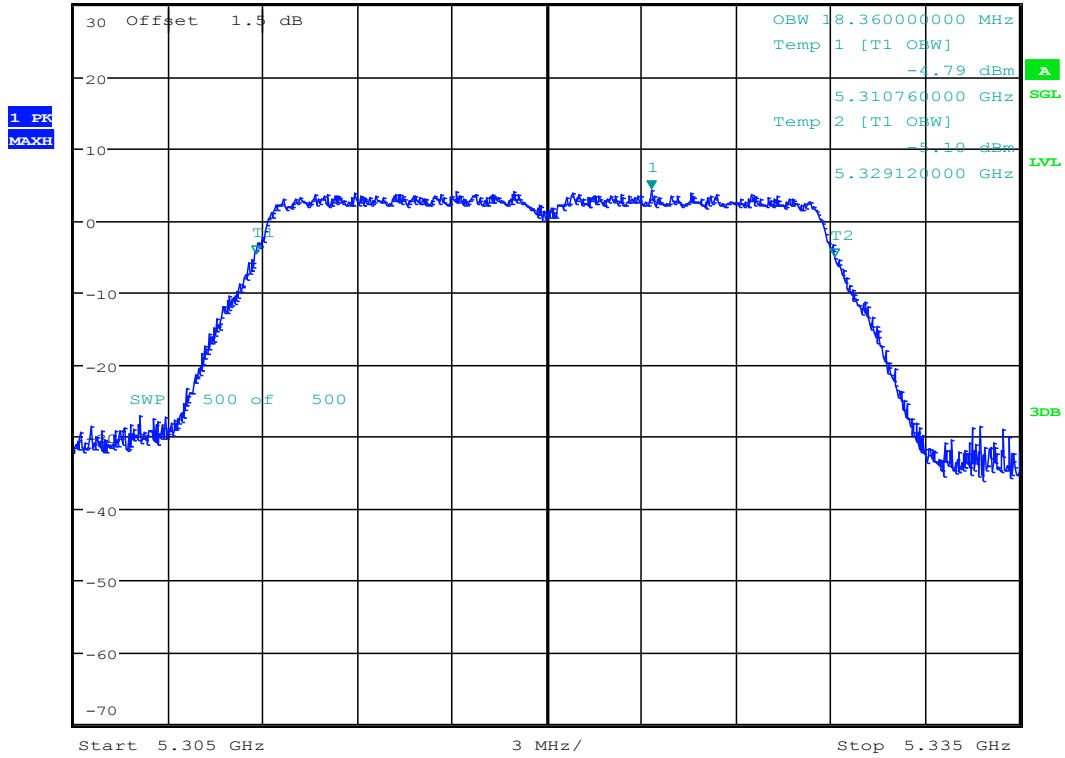
Date: 29.MAR.2018 12:48:47



### 6.39 11N20\_64 ANT 1



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.18 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.323320000 GHz



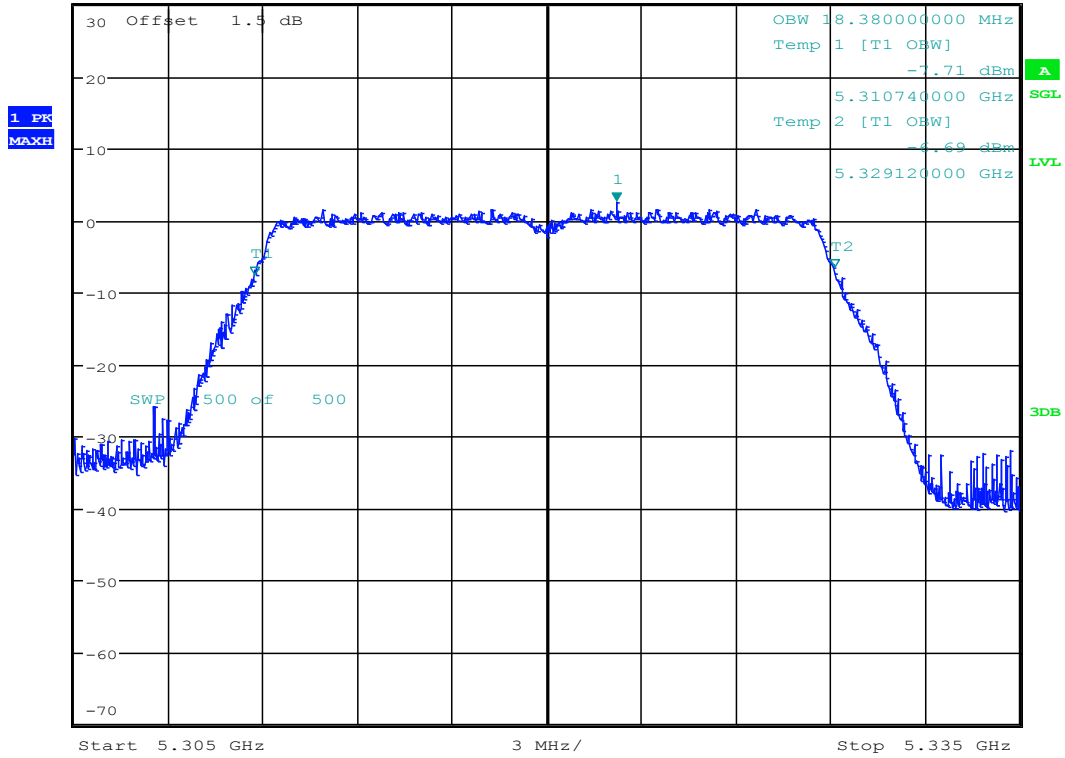
Date: 28.MAR.2018 15:19:33



### 6.40 11N20\_64 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.56 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.322220000 GHz



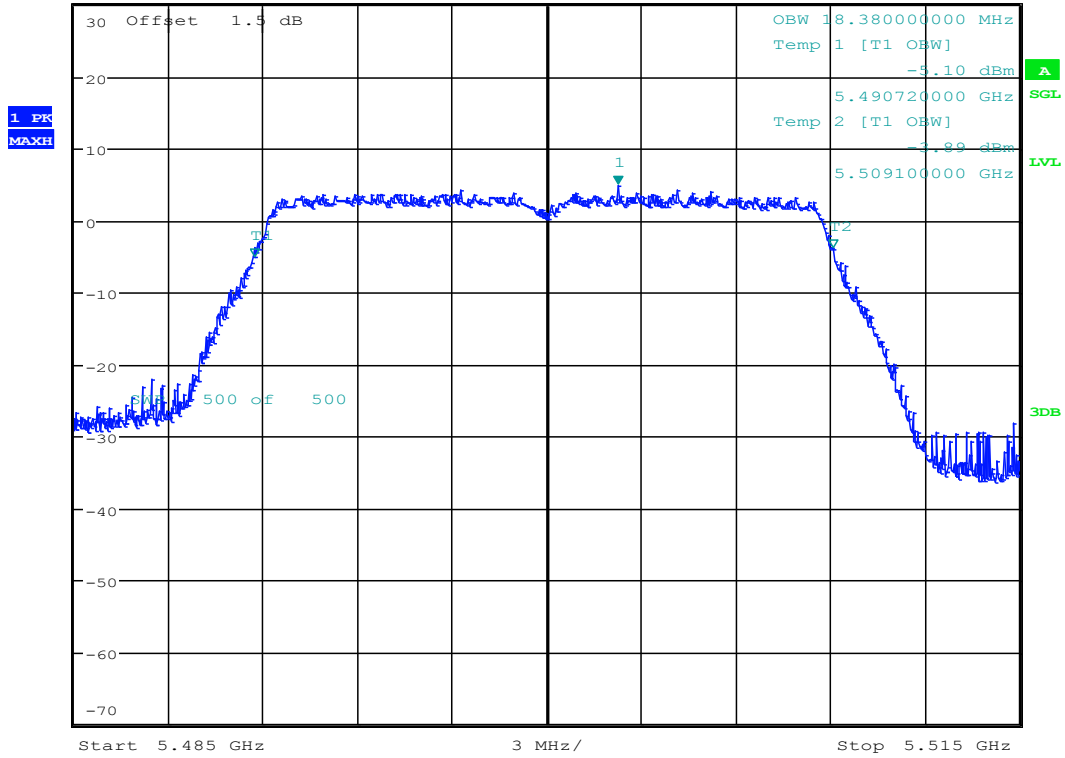
Date: 29.MAR.2018 12:51:13



### 6.41 11N20\_100 ANT 1



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.95 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.502260000 GHz



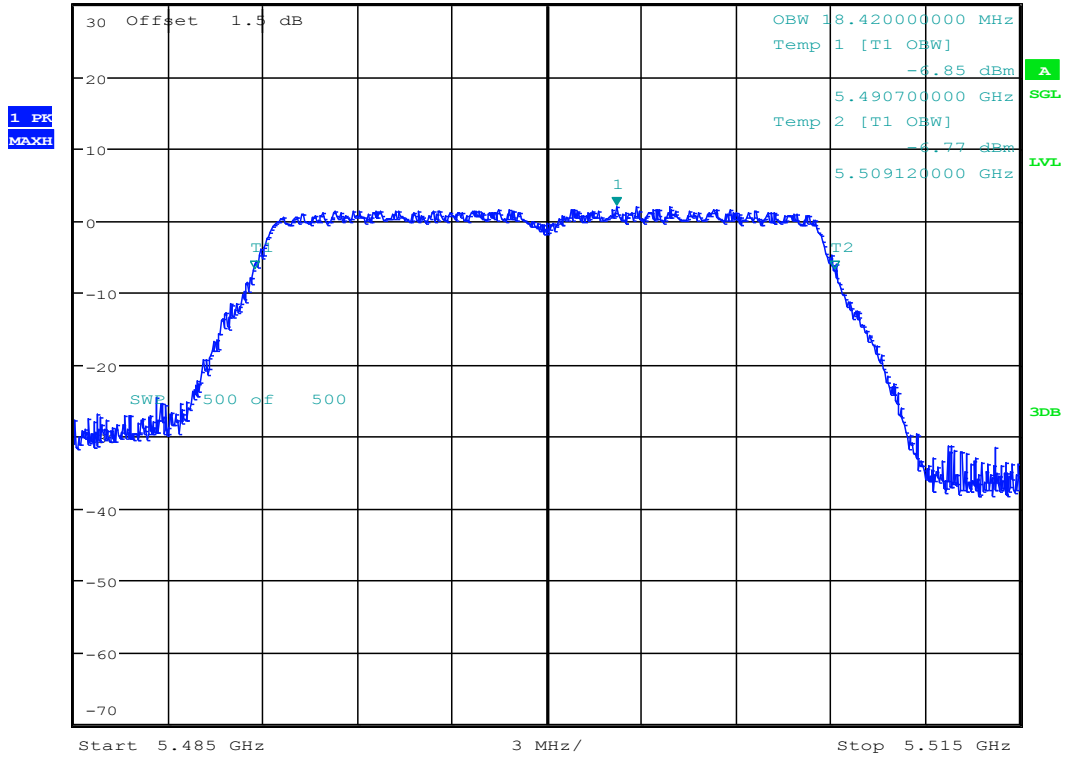
Date: 28.MAR.2018 15:22:36



### 6.42 11N20\_100 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.02 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.502200000 GHz



Date: 29.MAR.2018 12:53:53

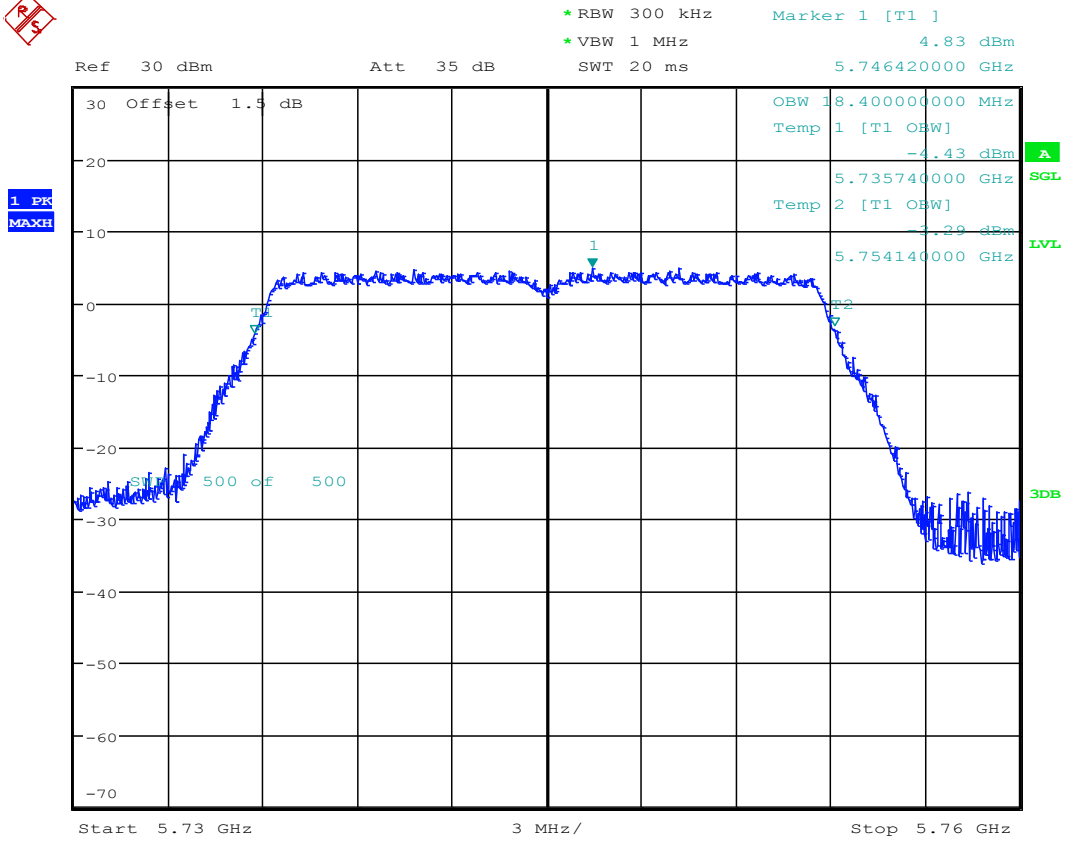








### 6.45 11N20\_149 ANT 1



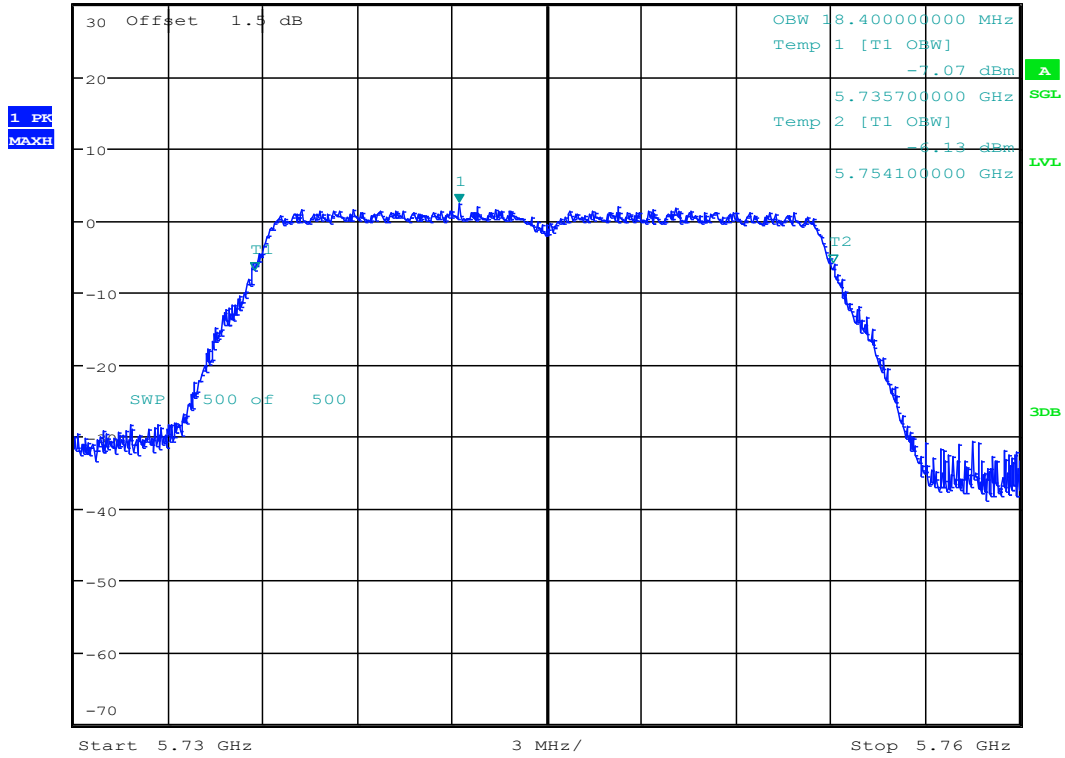
Date: 28.MAR.2018 15:30:12



### 6.46 11N20\_149 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.36 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.742200000 GHz



Date: 29.MAR.2018 13:01:07



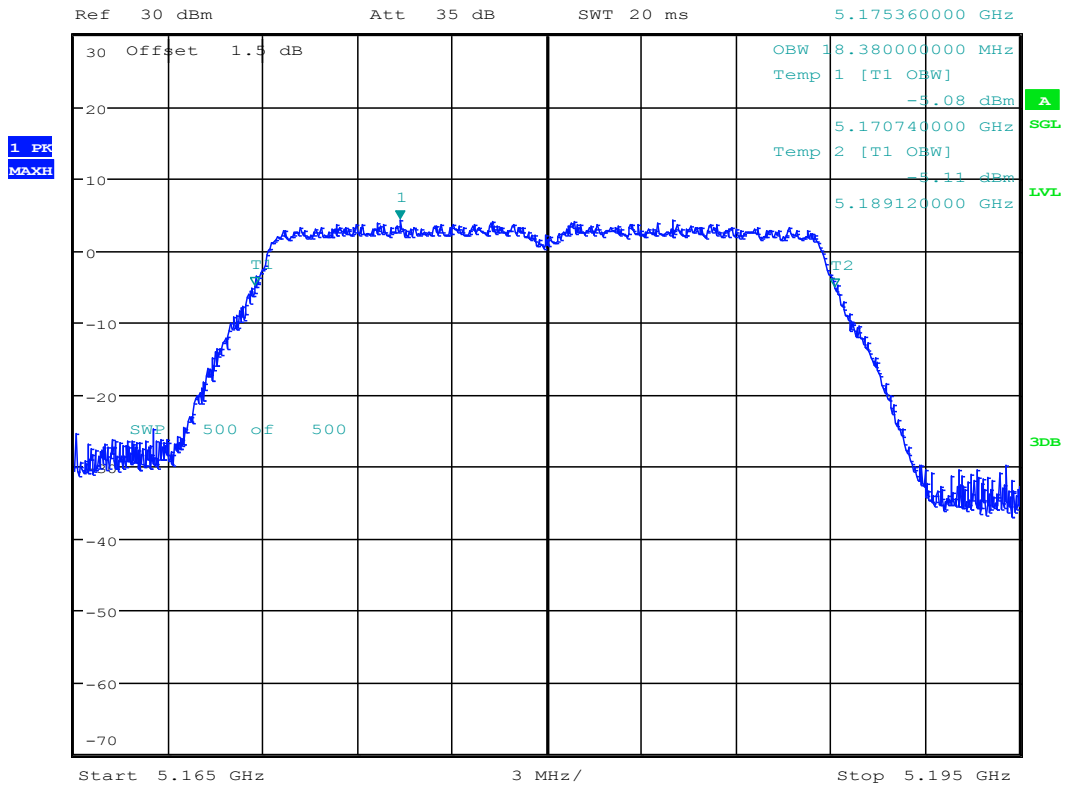




### 6.49 11N20MIMO\_36 ANT 1



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      4.18 dBm  
 SWT 20 ms      5.175360000 GHz



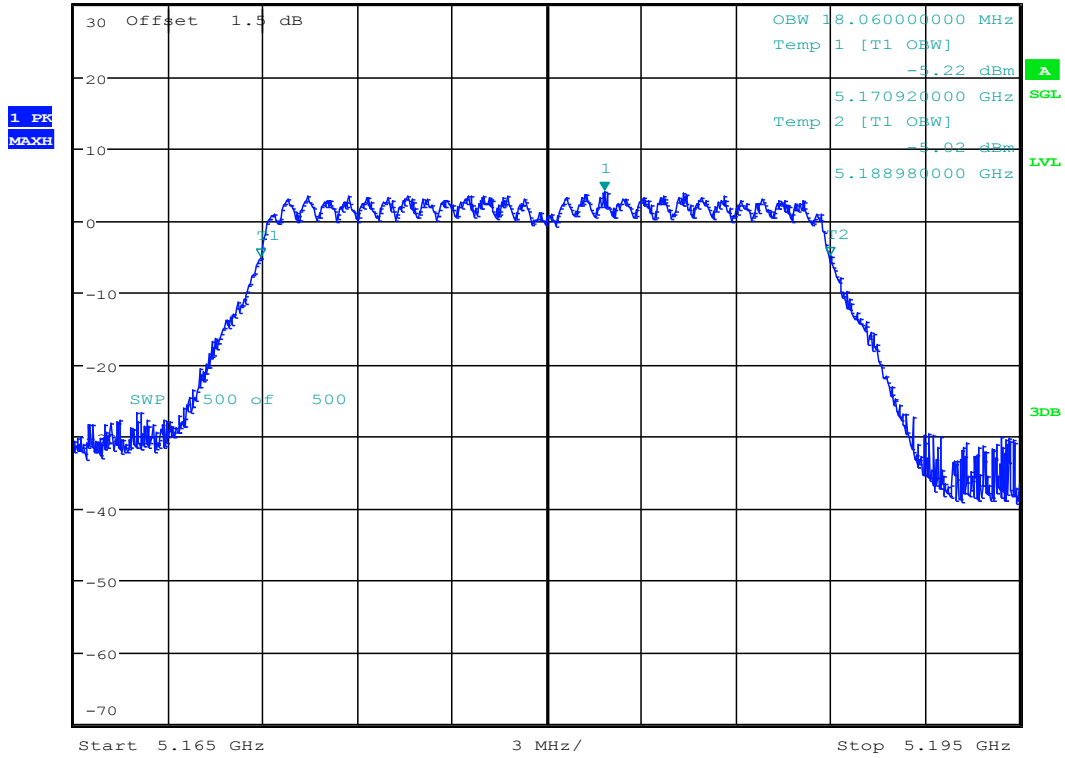
Date: 28.MAR.2018 18:09:01



### 6.50 11N20MIMO\_36 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      3.96 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.181840000 GHz



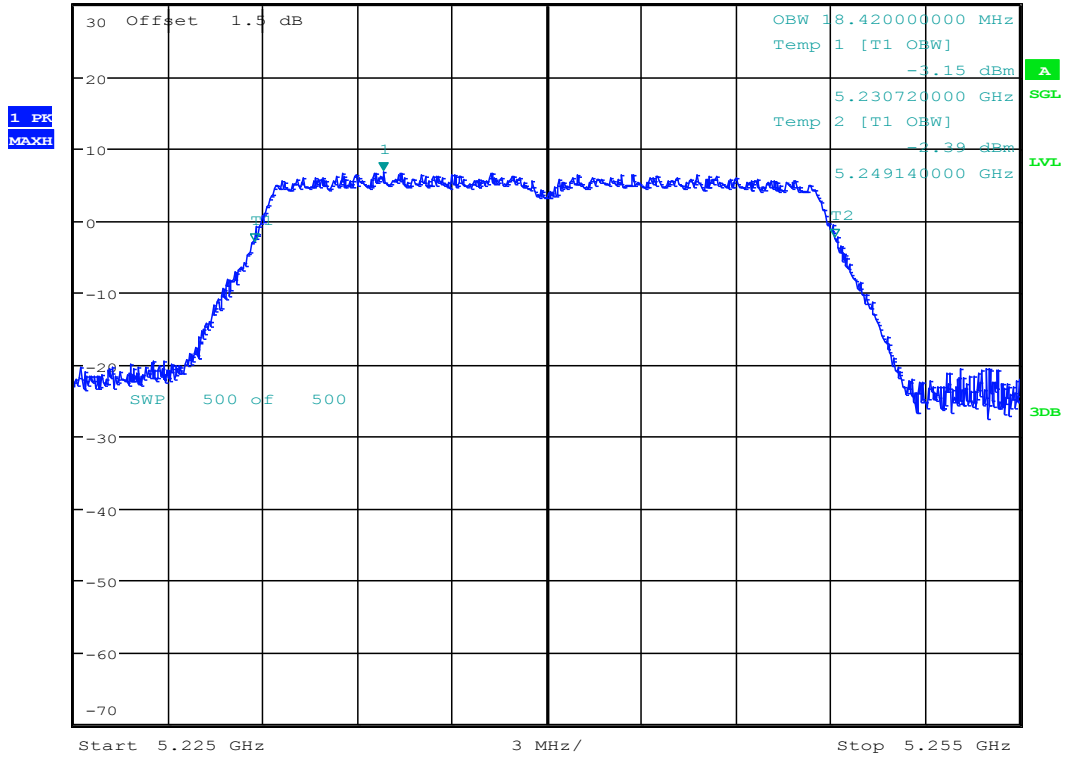
Date: 29.MAR.2018 17:19:05



### 6.51 11N20MIMO\_48 ANT 1



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      6.69 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.234800000 GHz



Date: 28.MAR.2018 18:11:33





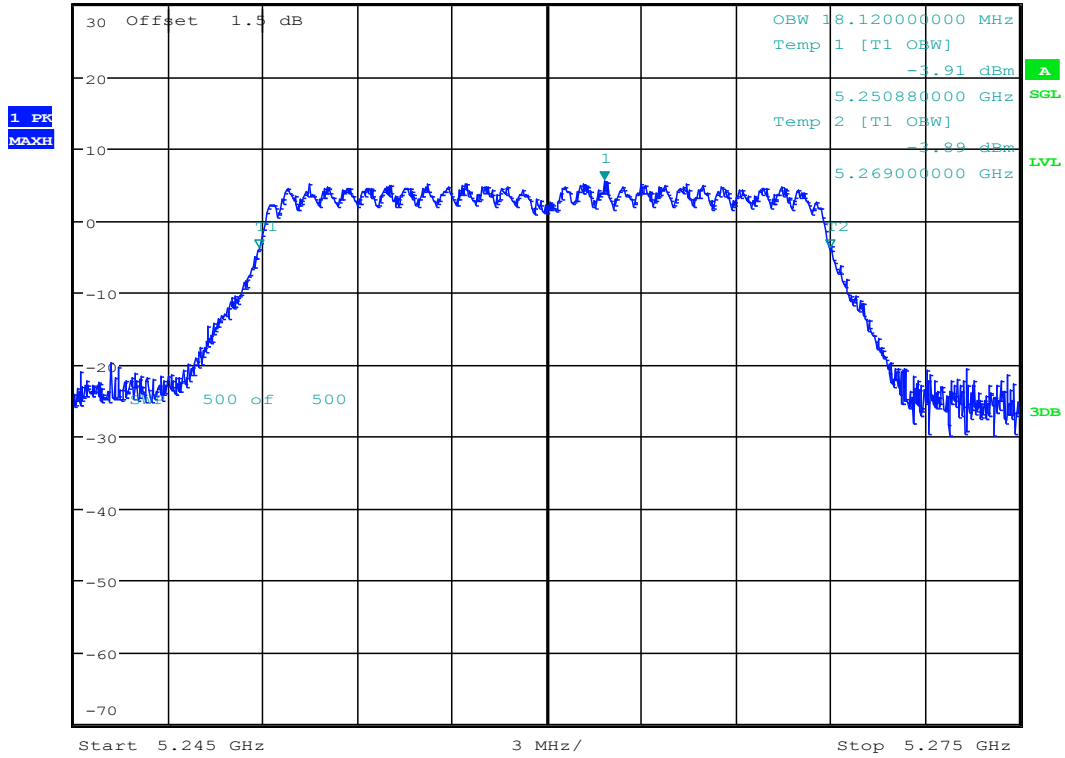




### 6.54 11N20MIMO\_52 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      5.54 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.261820000 GHz



Date: 29.MAR.2018 17:31:20

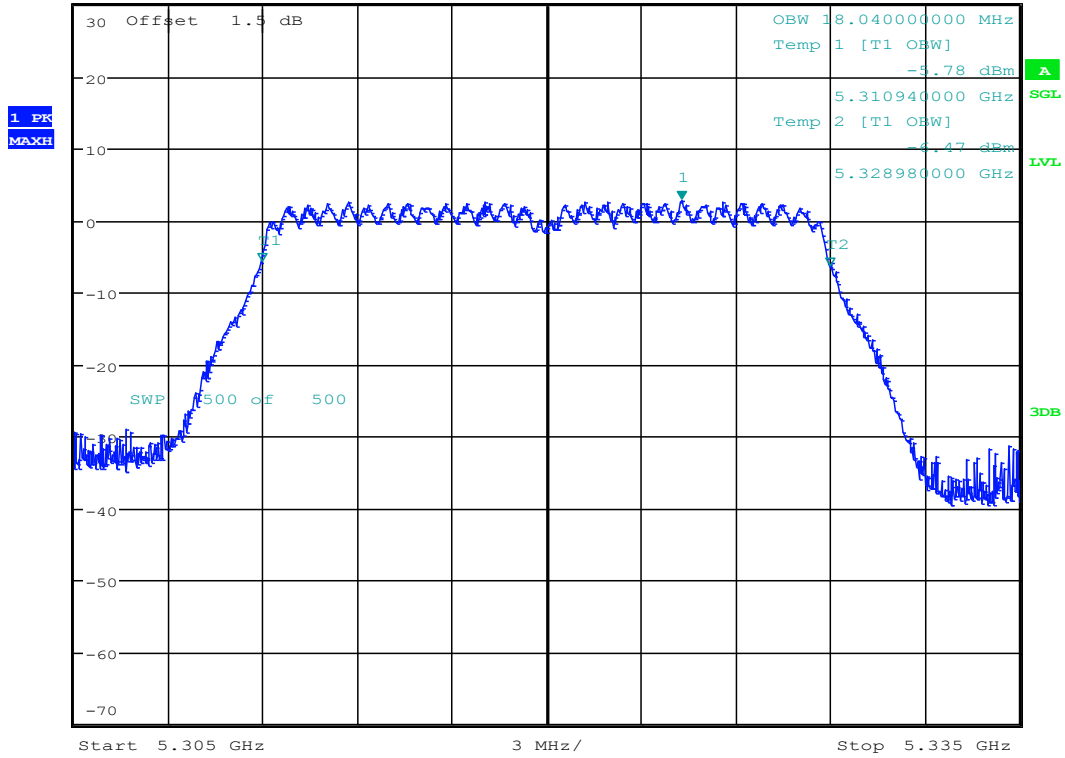




### 6.56 11N20MIMO\_64 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.76 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.324280000 GHz



Date: 29.MAR.2018 17:44:12







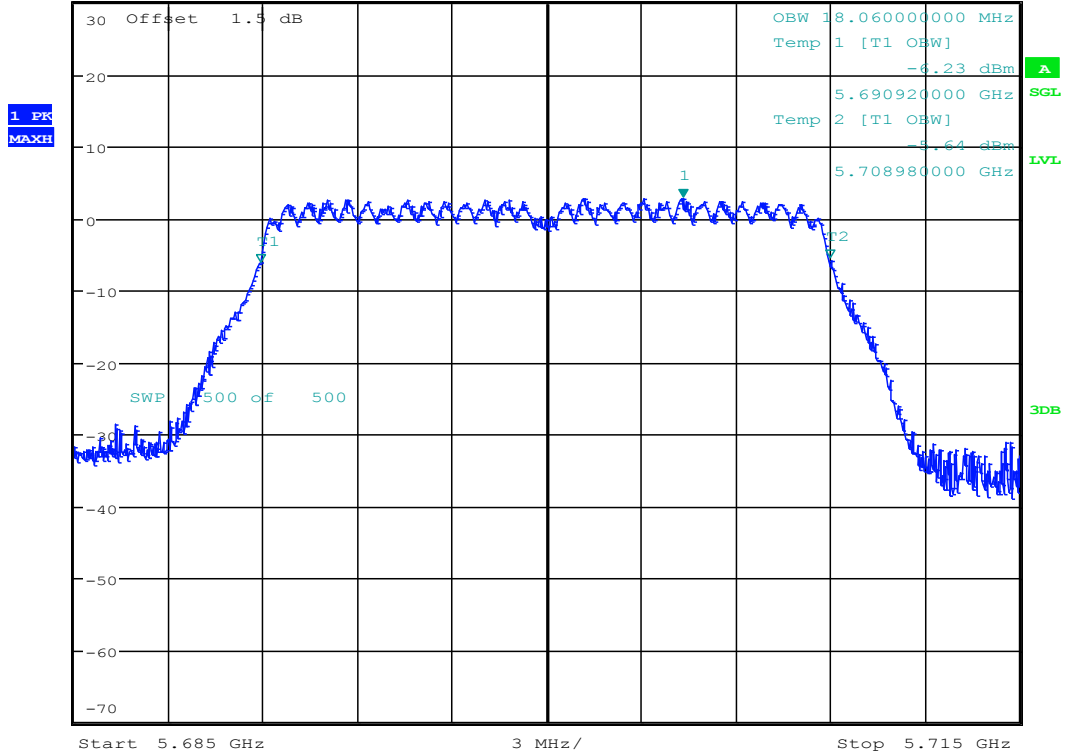




### 6.60 11N20MIMO\_140 ANT 2



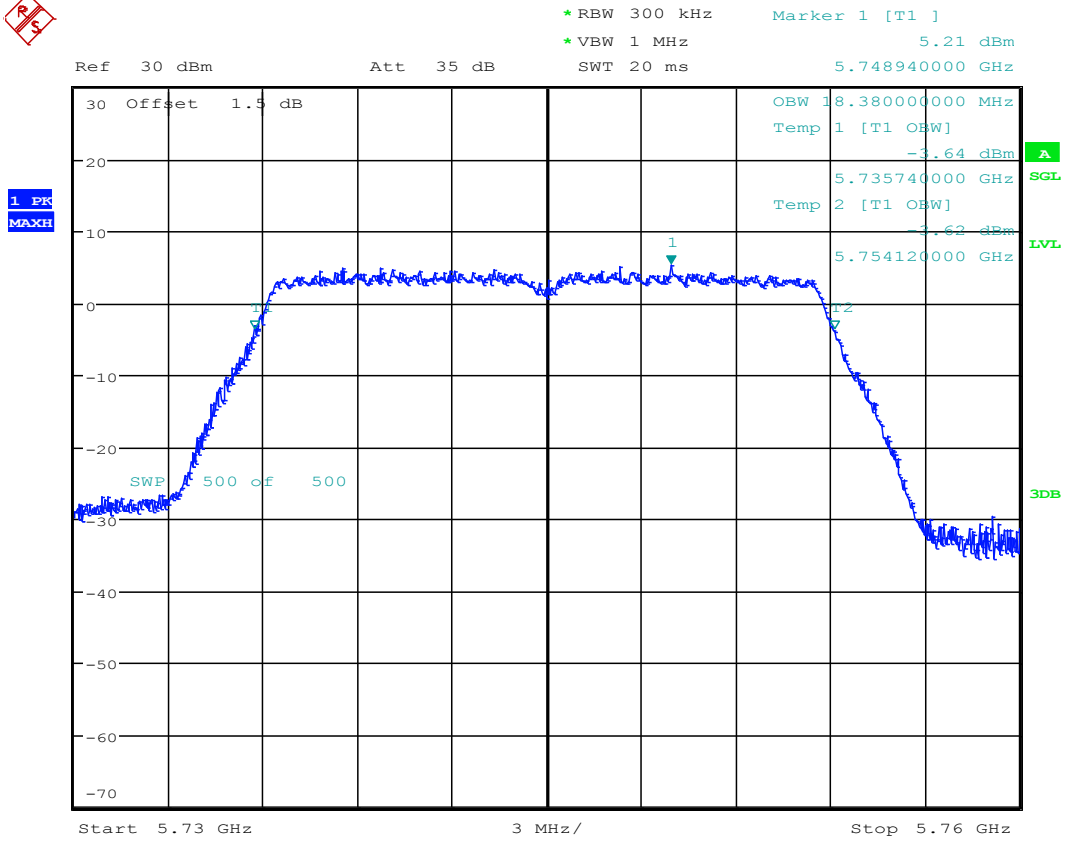
\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.90 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.704340000 GHz



Date: 29.MAR.2018 17:49:55



### 6.61 11N20MIMO\_149 ANT 1



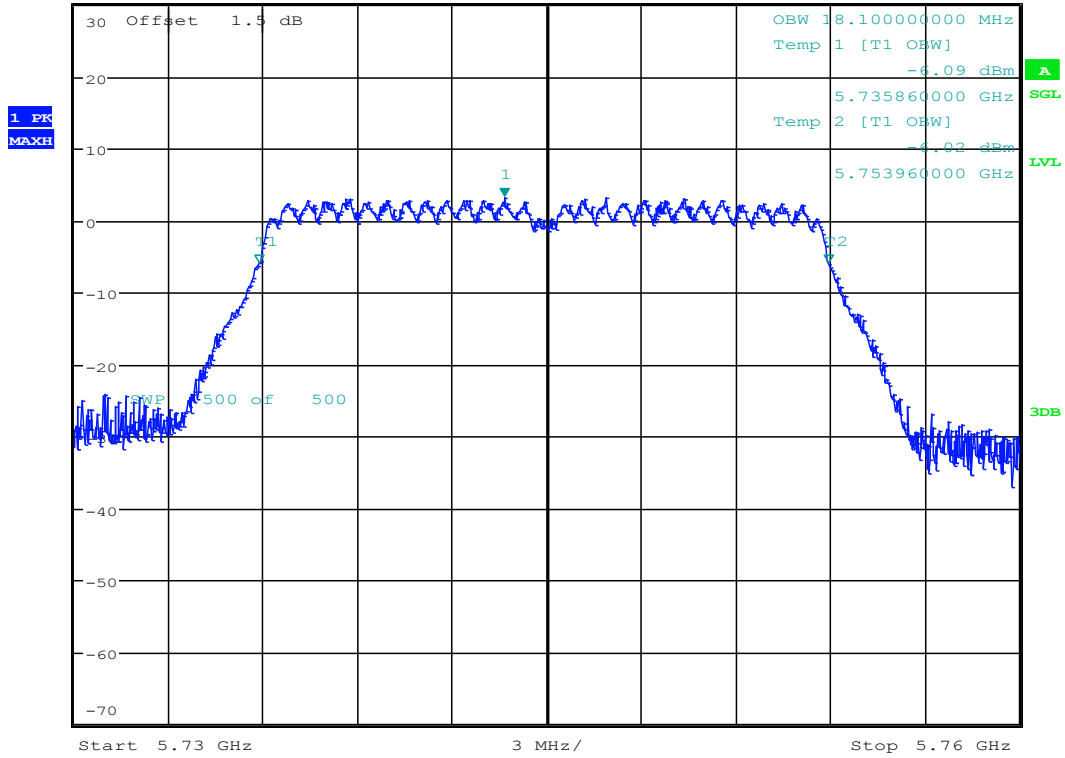
Date: 28.MAR.2018 18:33:44



### 6.62 11N20MIMO\_149 ANT 2



\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      3.15 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.743640000 GHz



Date: 29.MAR.2018 17:55:15

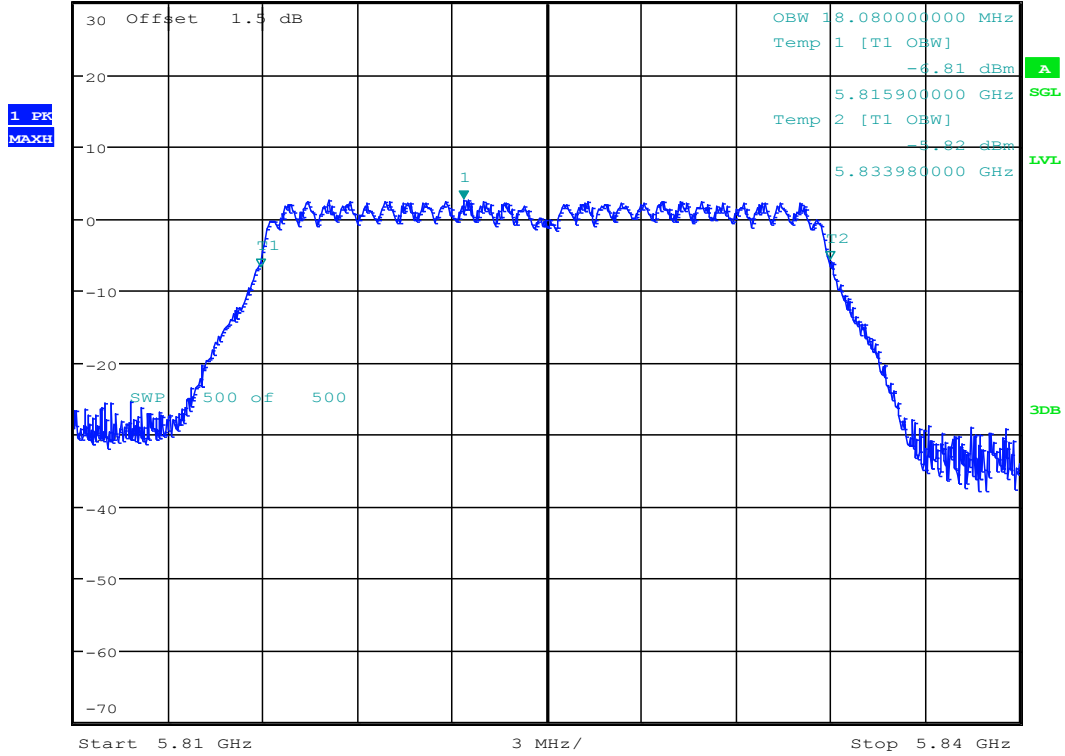




### 6.64 11N20MIMO\_165 ANT 2



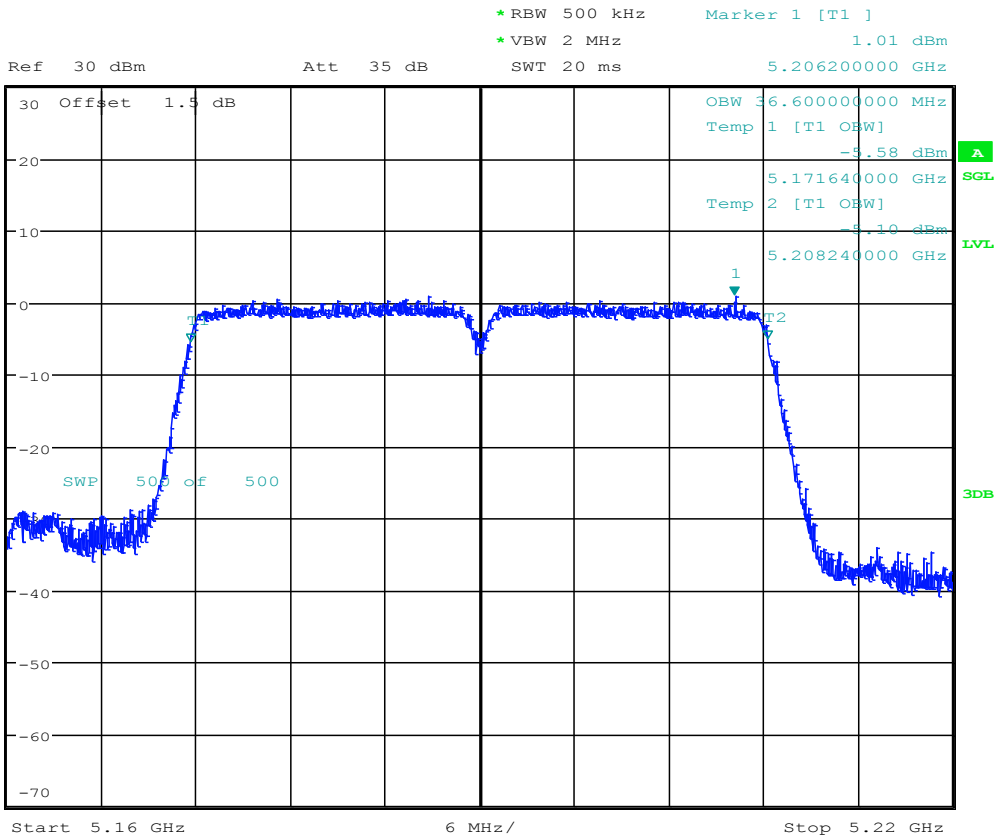
\*RBW 300 kHz      Marker 1 [T1 ]  
 \*VBW 1 MHz      2.67 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.822360000 GHz



Date: 29.MAR.2018 17:58:32



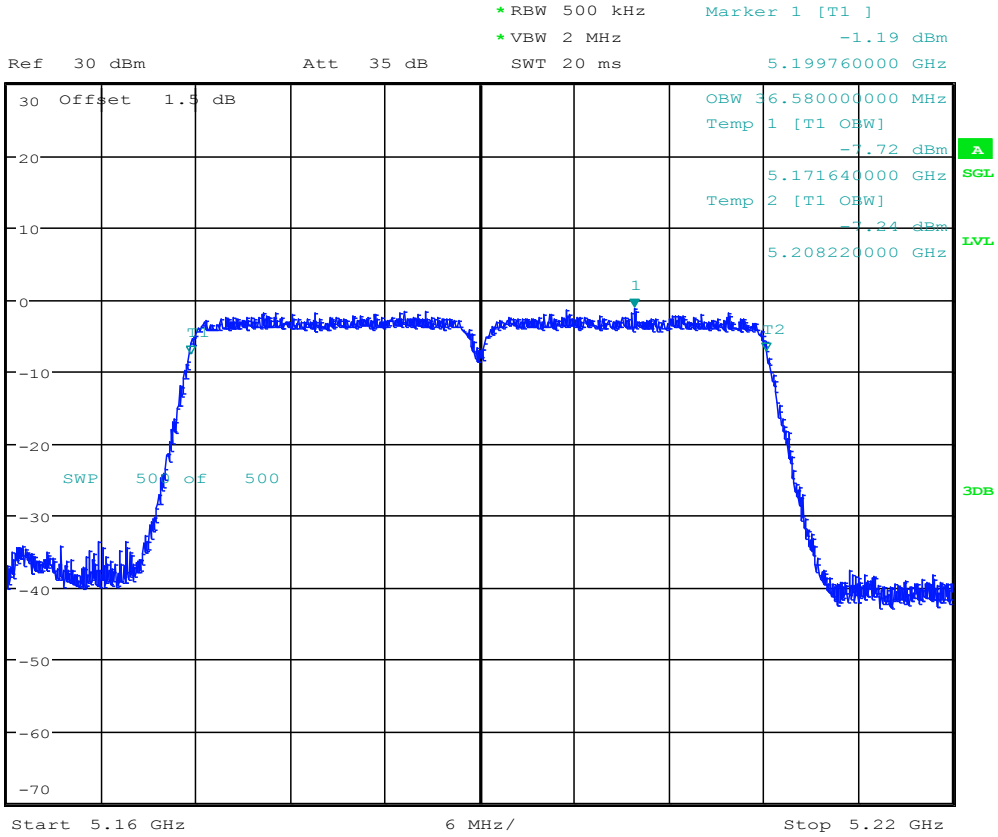
### 6.65 11N40\_38 ANT 1



Date: 28.MAR.2018 15:41:26



### 6.66 11N40\_38 ANT 2



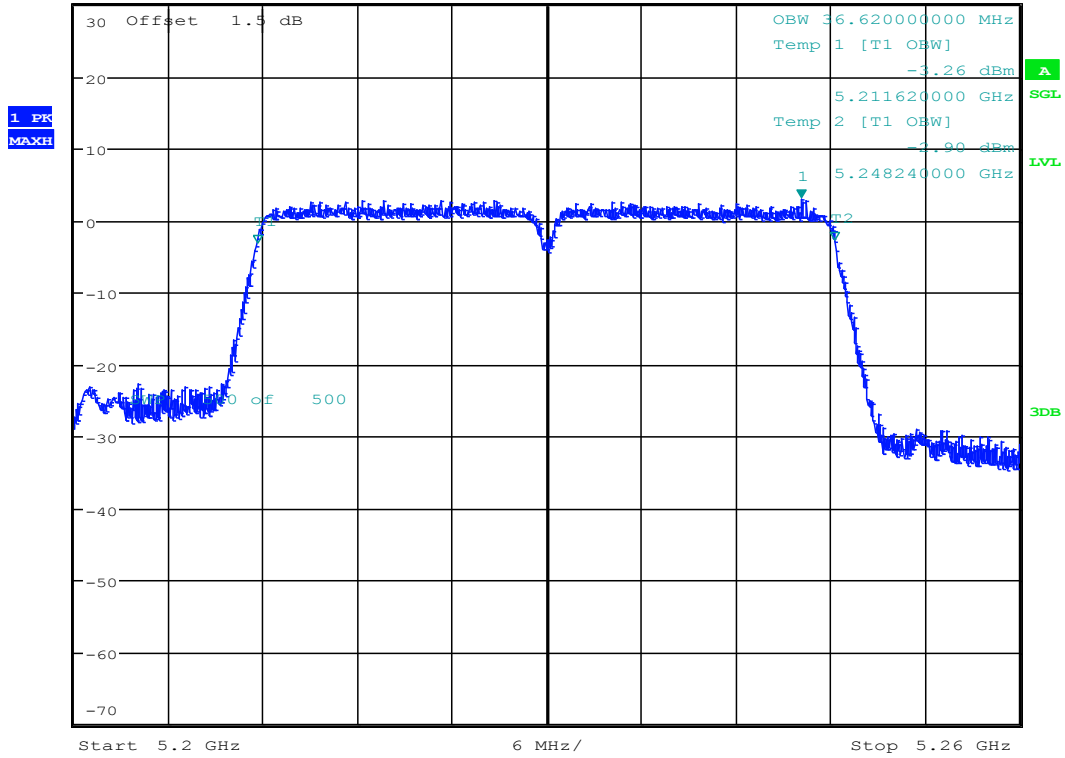
Date: 29.MAR.2018 13:07:41



### 6.67 11N40\_46 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      3.00 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.246140000 GHz



Date: 28.MAR.2018 15:44:41



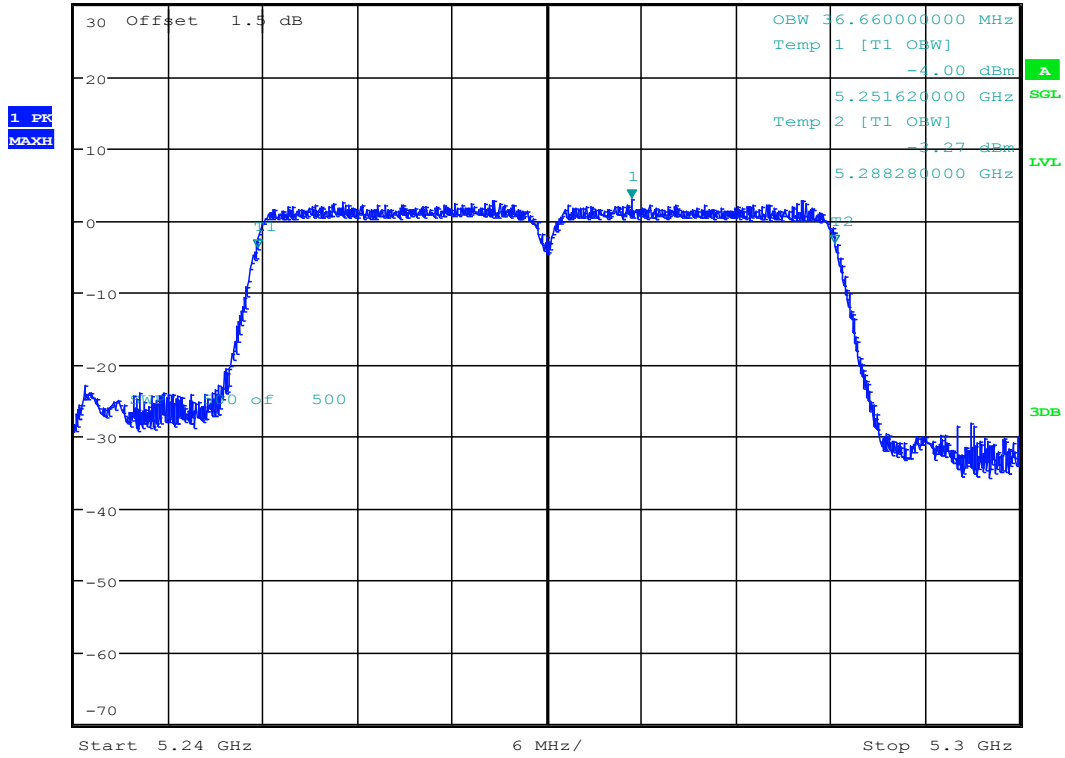




### 6.69 11N40\_54 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      2.98 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.275400000 GHz



Date: 28.MAR.2018 15:47:45

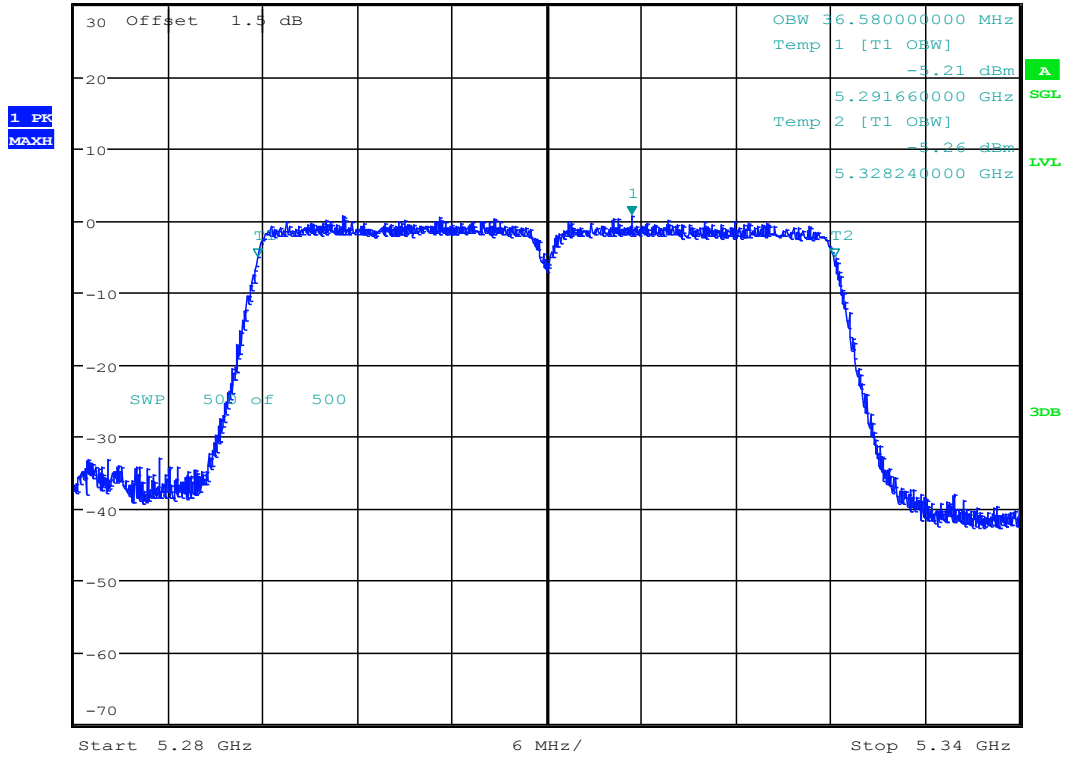




### 6.71 11N40\_62 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      0.76 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.315400000 GHz



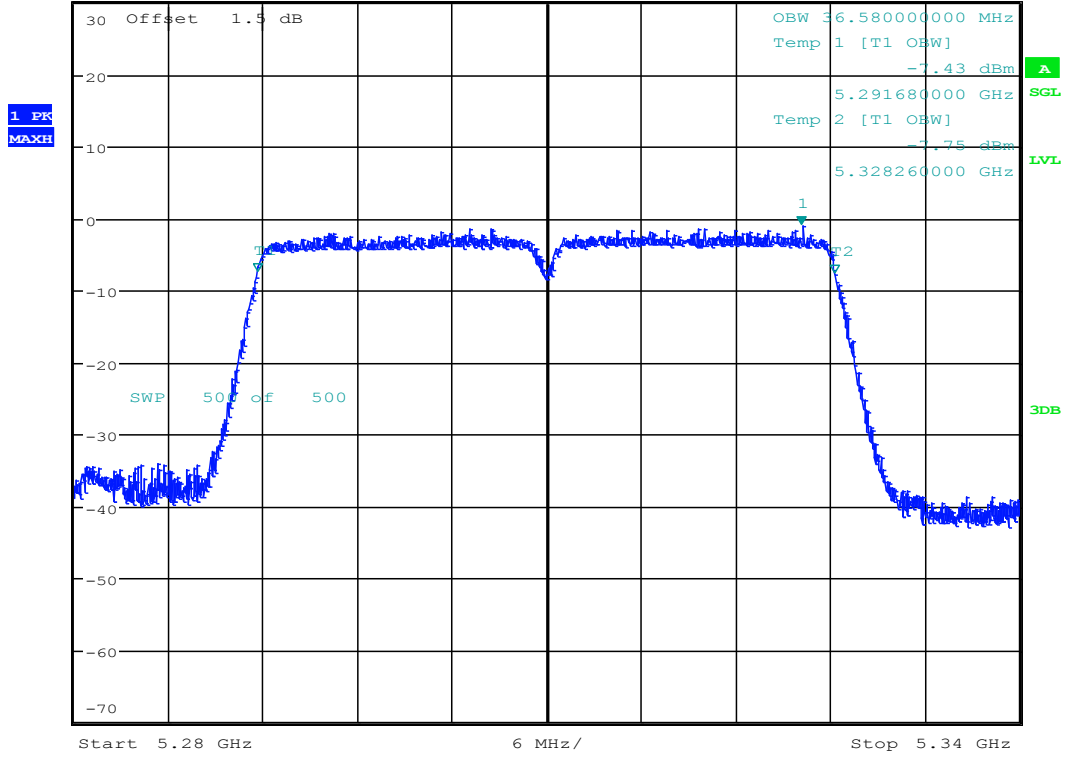
Date: 28.MAR.2018 15:50:25



### 6.72 11N40\_62 ANT 2



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -1.00 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.326200000 GHz



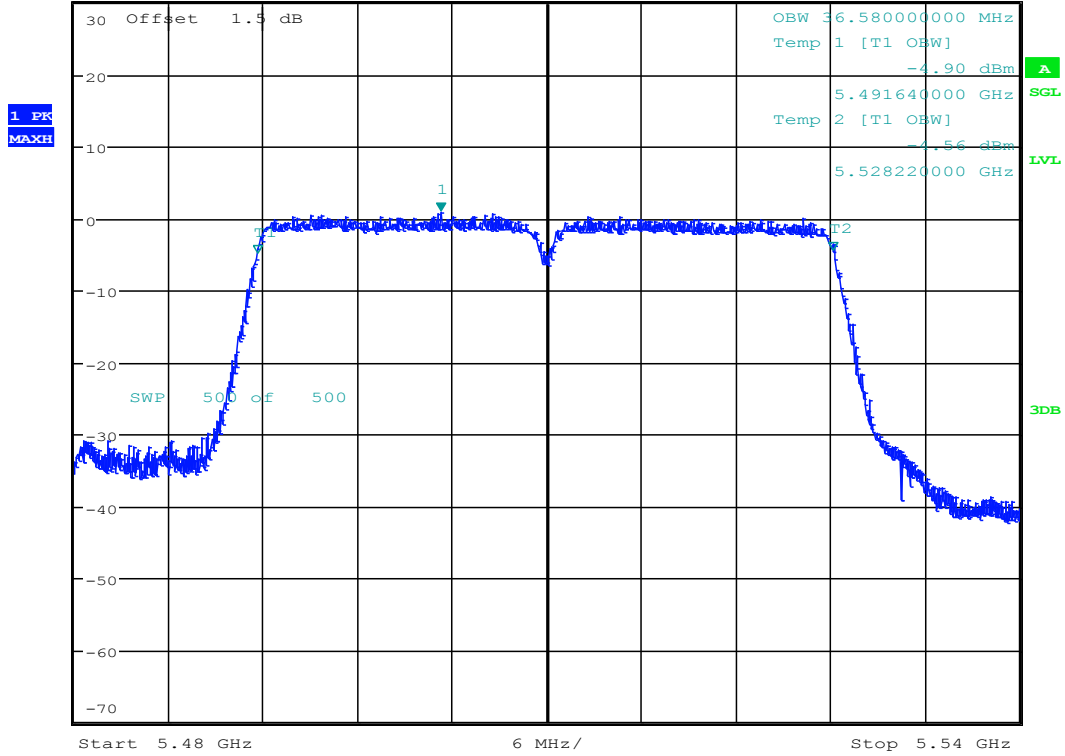
Date: 29.MAR.2018 14:44:53



### 6.73 11N40\_102 ANT 1



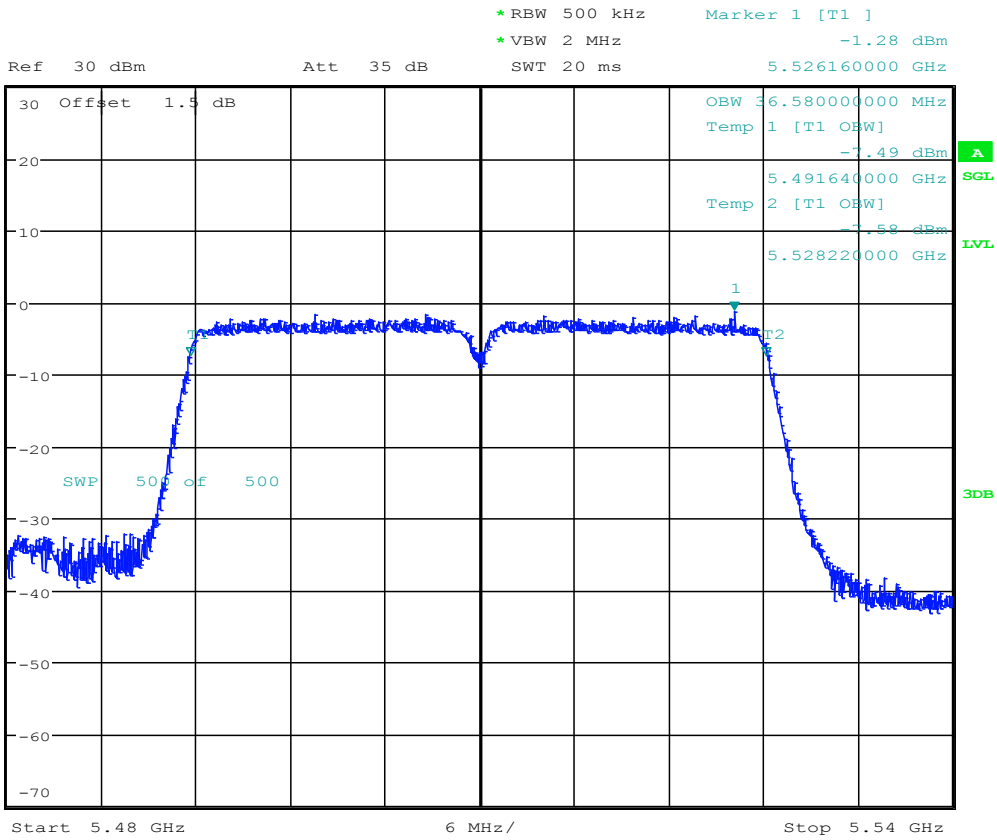
\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      0.96 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.503280000 GHz



Date: 28.MAR.2018 15:55:01



### 6.74 11N40\_102 ANT 2



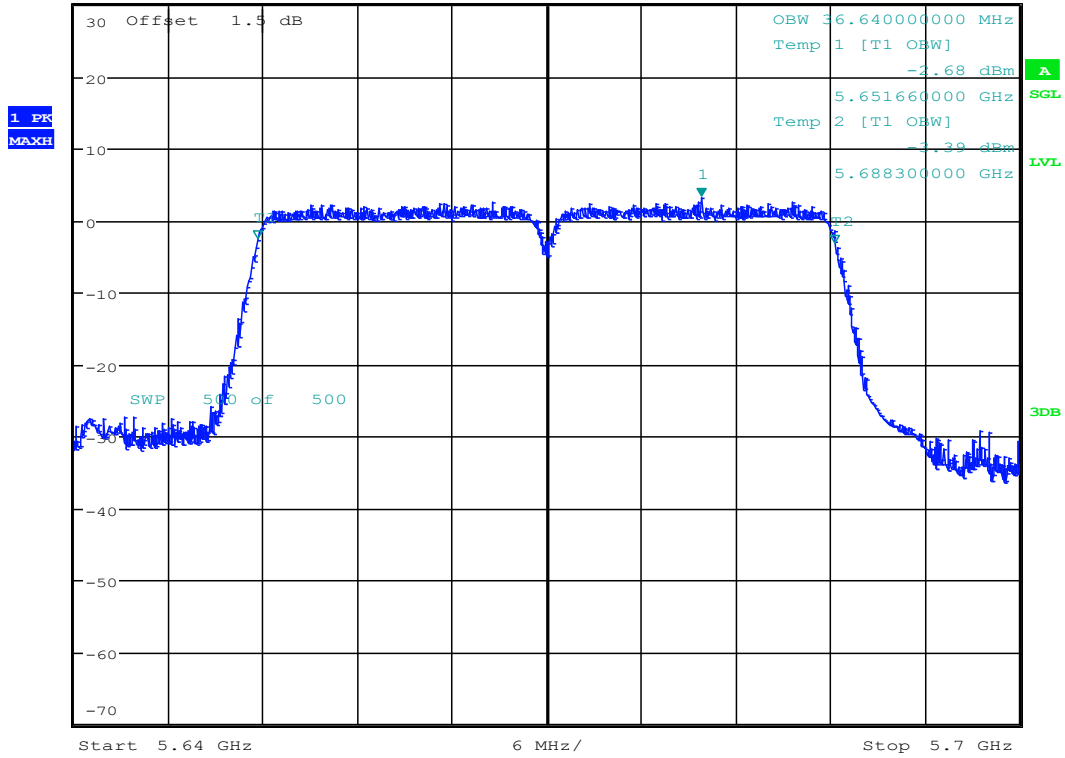
Date: 29.MAR.2018 14:47:24



### 6.75 11N40\_134 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      3.26 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.679780000 GHz

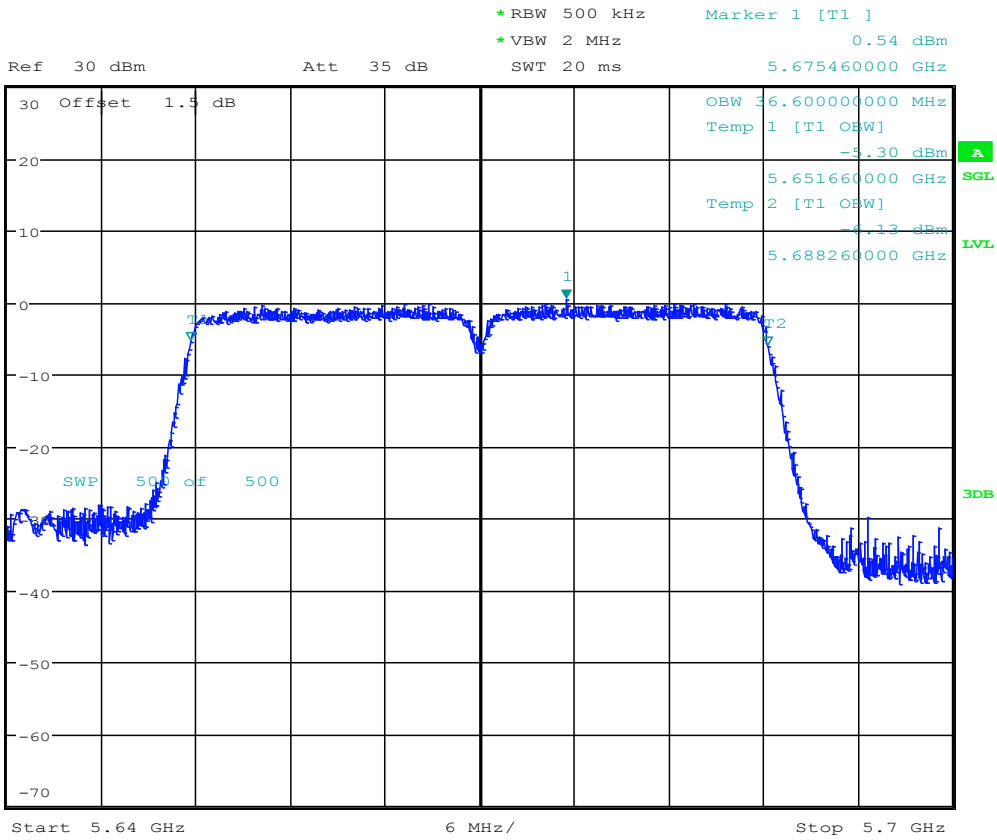


Date: 28.MAR.2018 15:57:26





### 6.76 11N40\_134 ANT 2



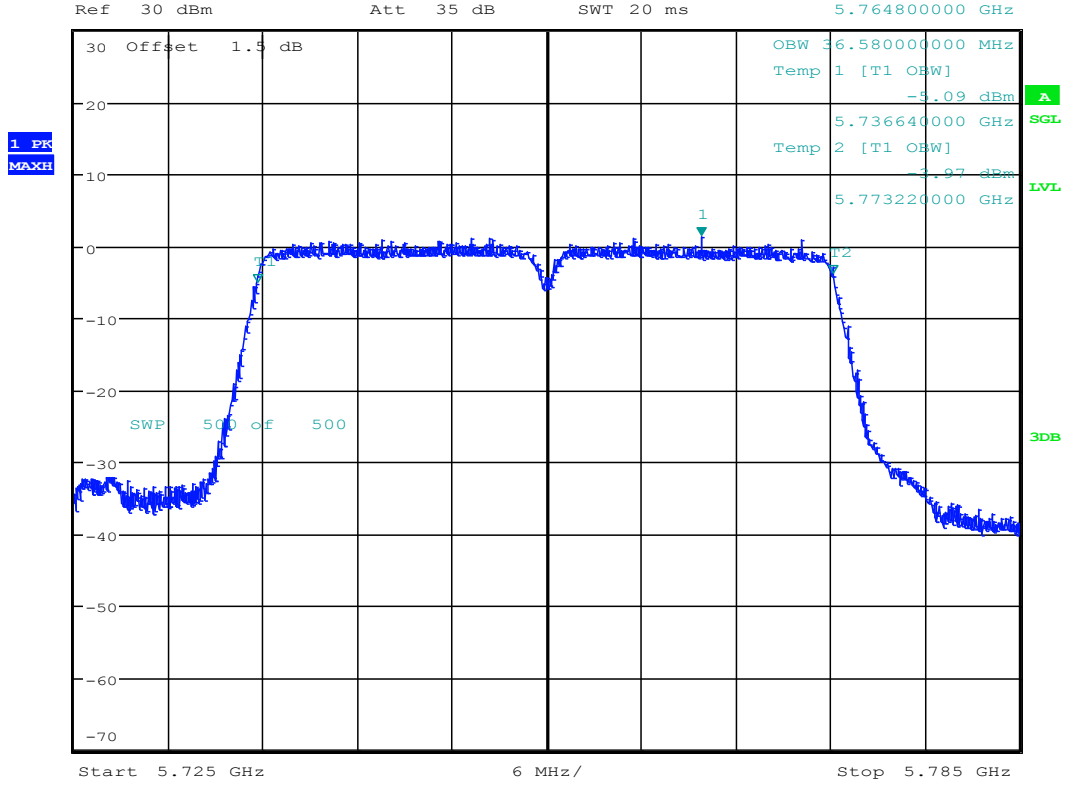
Date: 29.MAR.2018 14:49:51



### 6.77 11N40\_151 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      1.27 dBm  
 SWT 20 ms      5.764800000 GHz



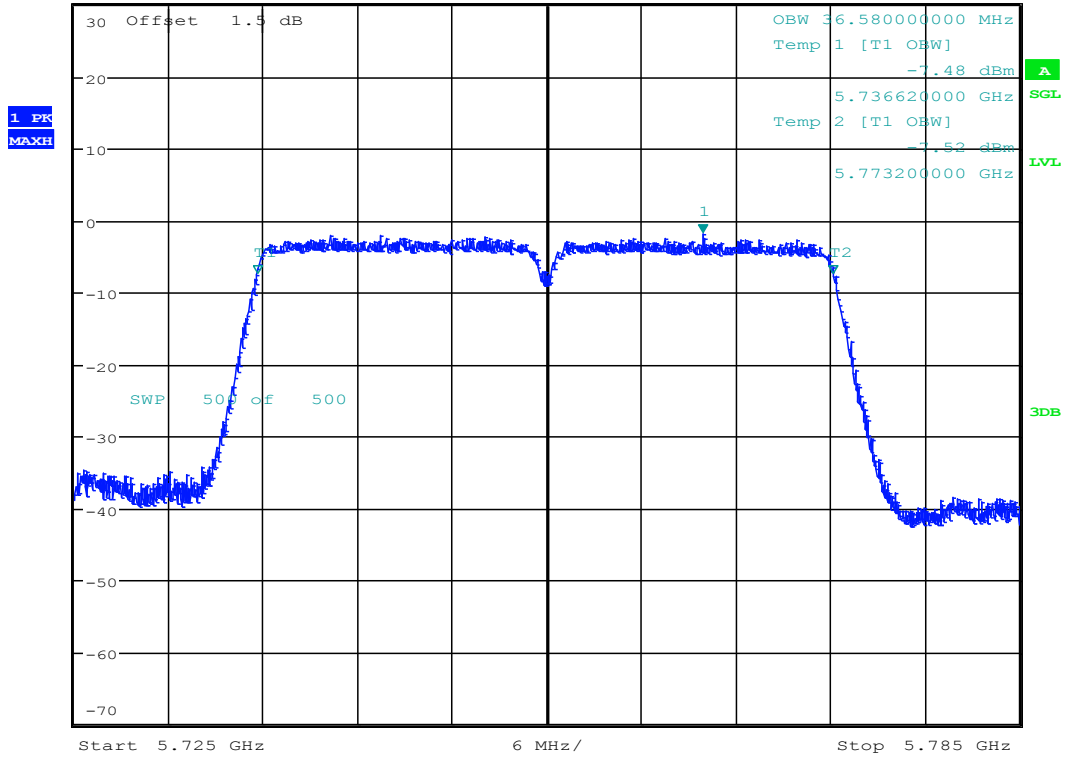
Date: 28.MAR.2018 16:02:47



### 6.78 11N40\_151 ANT 2



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      -1.82 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.764860000 GHz

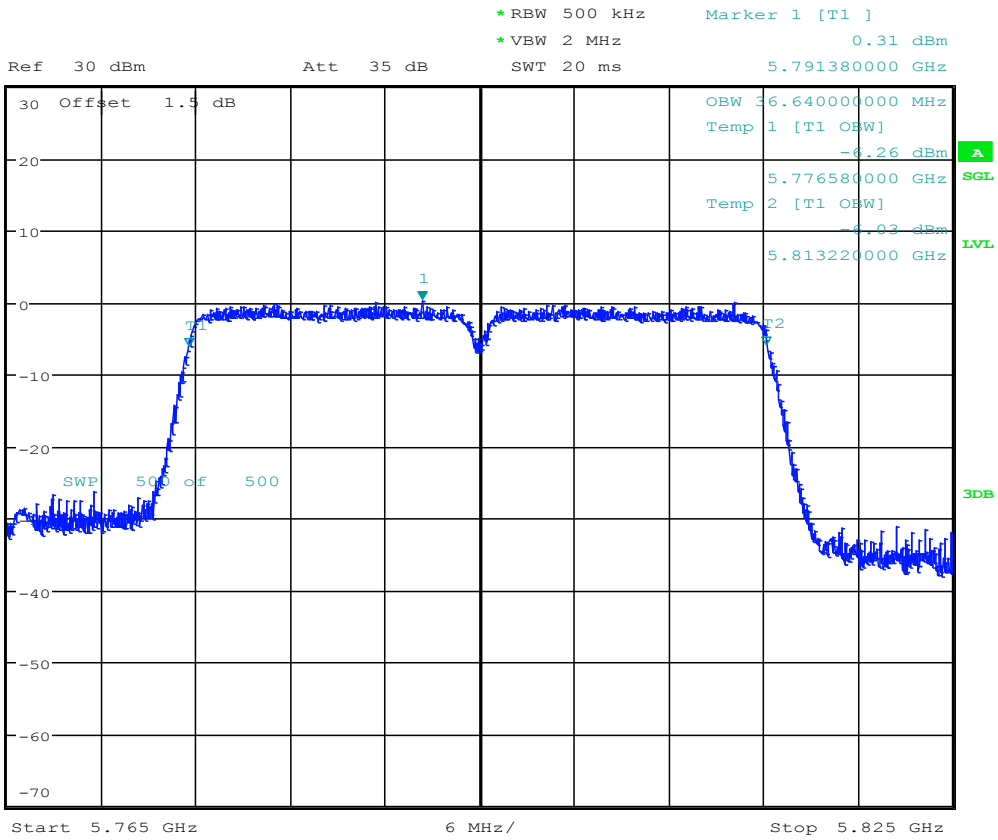


Date: 29.MAR.2018 14:56:29





### 6.80 11N40\_159 ANT 2



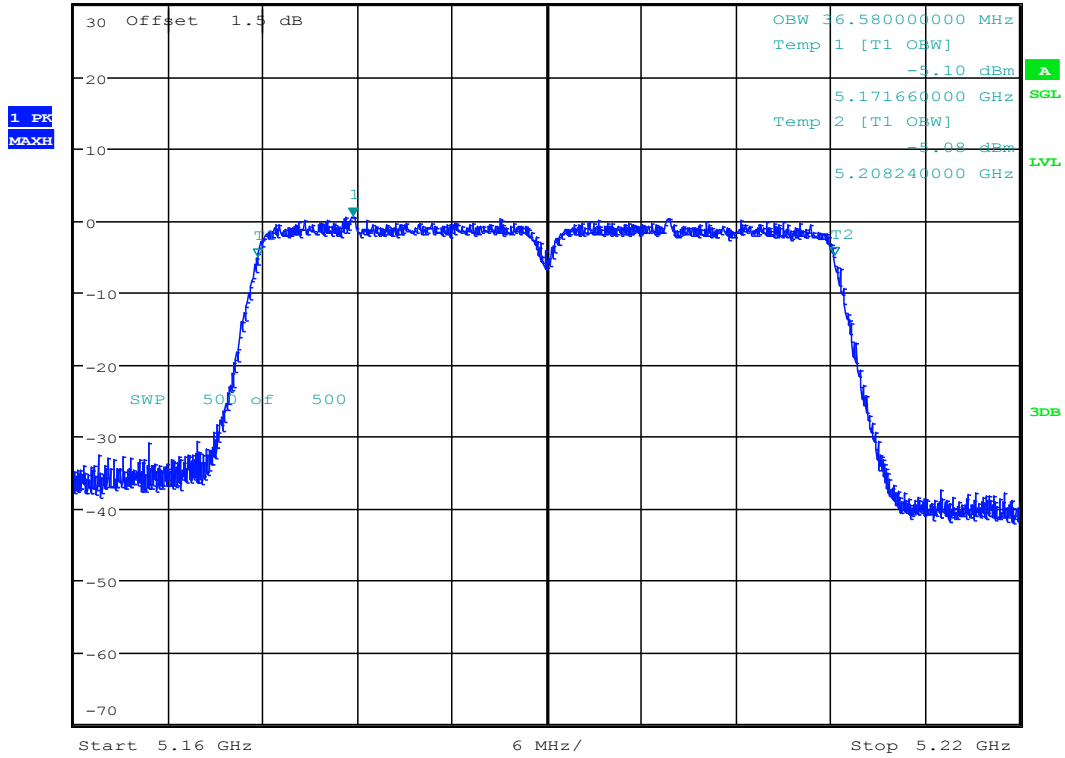
Date: 29.MAR.2018 15:00:33



### 6.81 11N40MIMO\_38 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      0.59 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.177700000 GHz

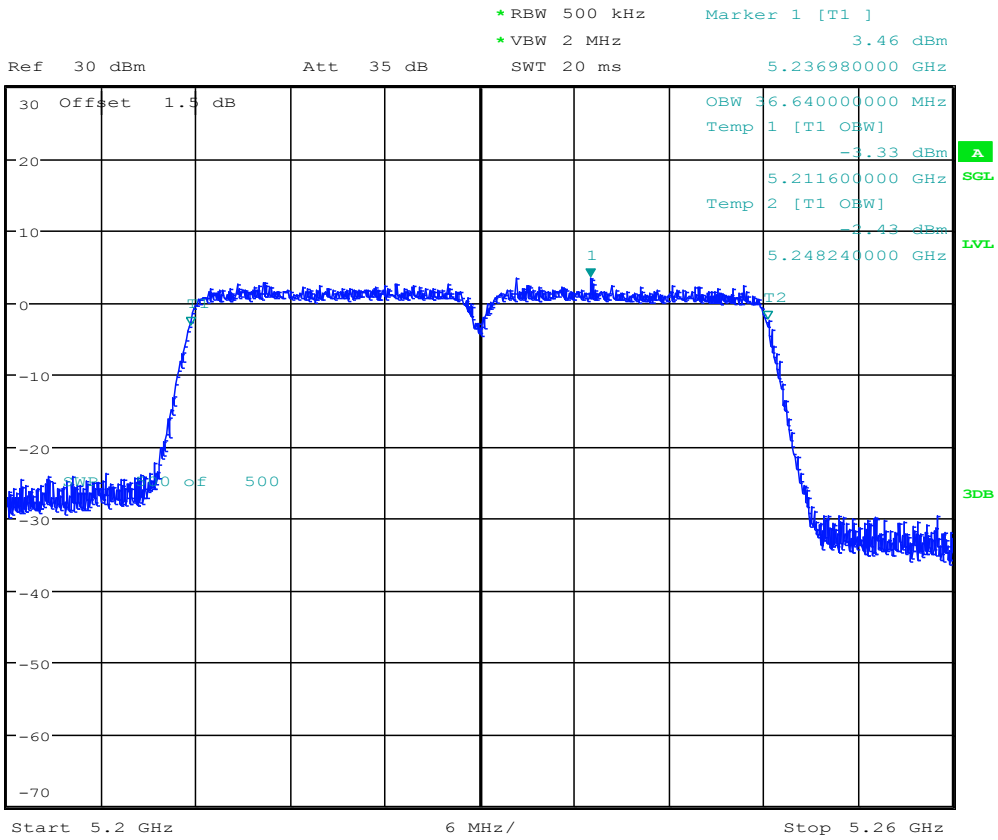


Date: 28.MAR.2018 18:41:55





### 6.83 11N40MIMO\_46 ANT 1



Date: 28.MAR.2018 18:44:34

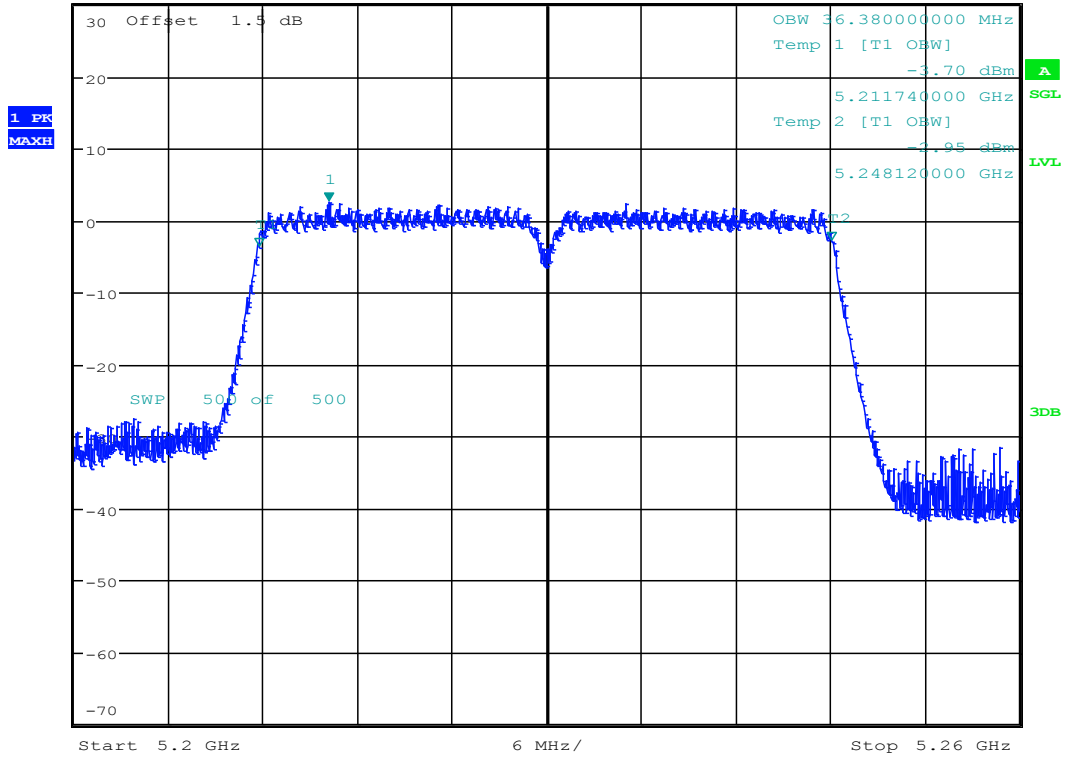




### 6.84 11N40MIMO\_46 ANT 2



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      2.59 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.216180000 GHz



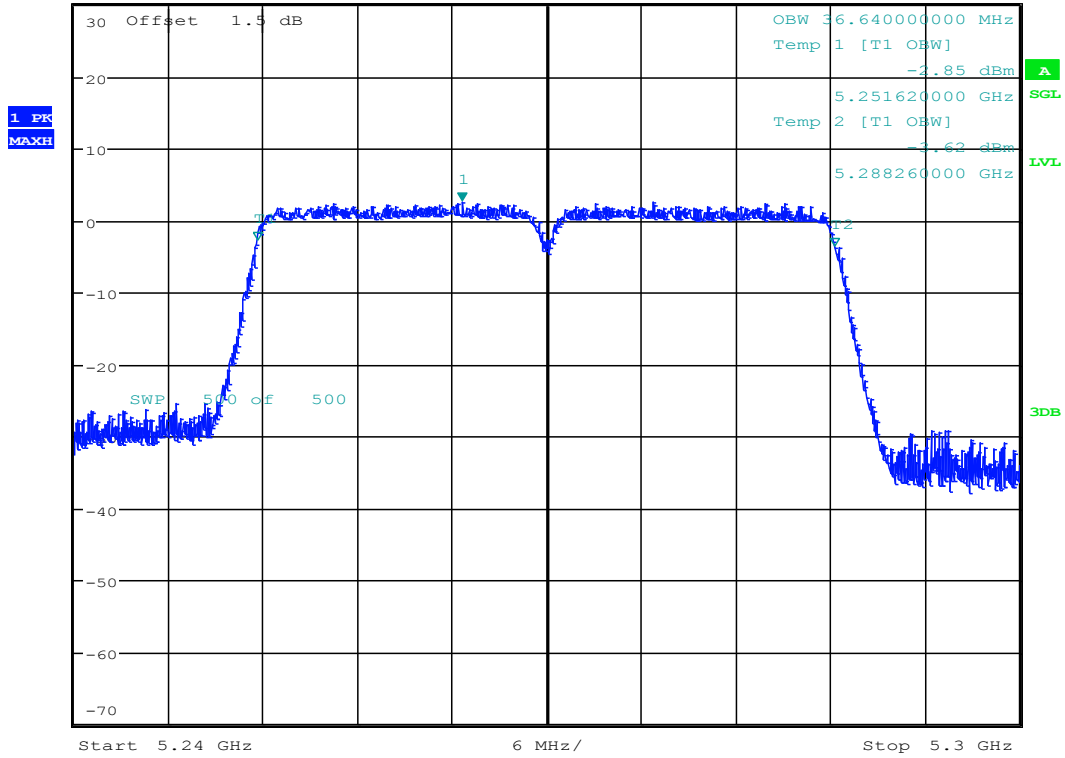
Date: 29.MAR.2018 18:09:09



### 6.85 11N40MIMO\_54 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      2.52 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.264660000 GHz



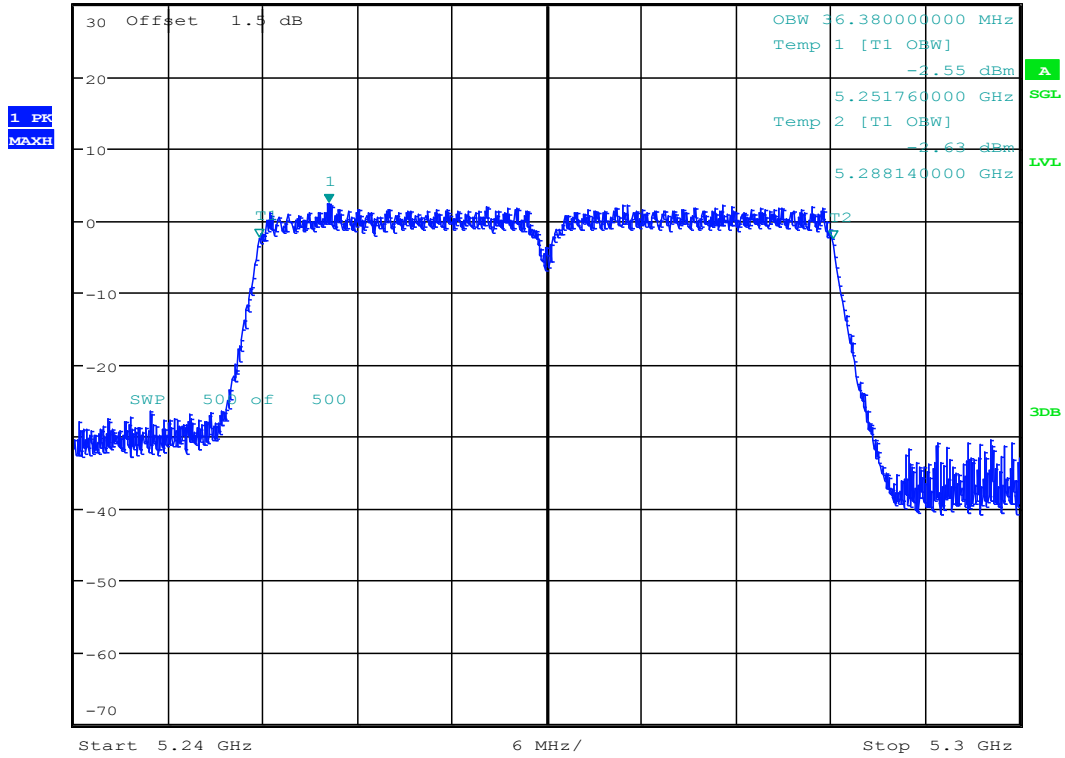
Date: 28.MAR.2018 18:47:20



### 6.86 11N40MIMO\_54 ANT 2



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      2.42 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.256120000 GHz



Date: 29.MAR.2018 18:15:52



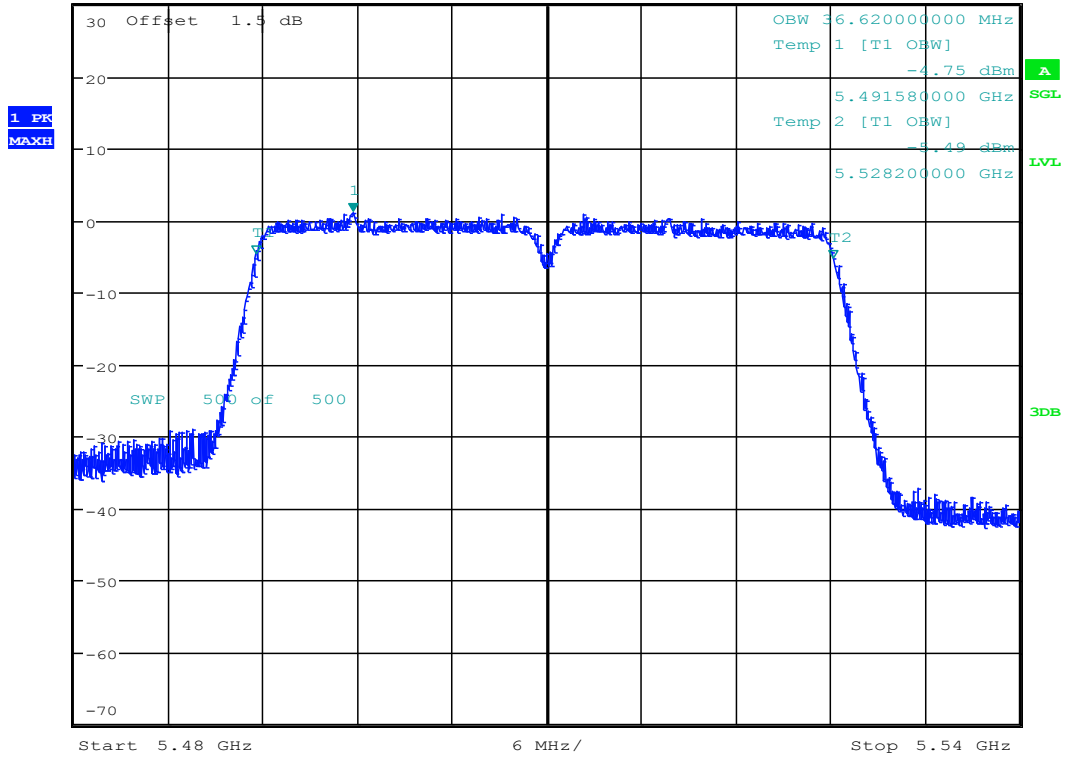




### 6.89 11N40MIMO\_102 ANT 1



\*RBW 500 kHz      Marker 1 [T1 ]  
 \*VBW 2 MHz      1.09 dBm  
 Ref 30 dBm      Att 35 dB      SWT 20 ms      5.497700000 GHz



Date: 28.MAR.2018 18:52:42

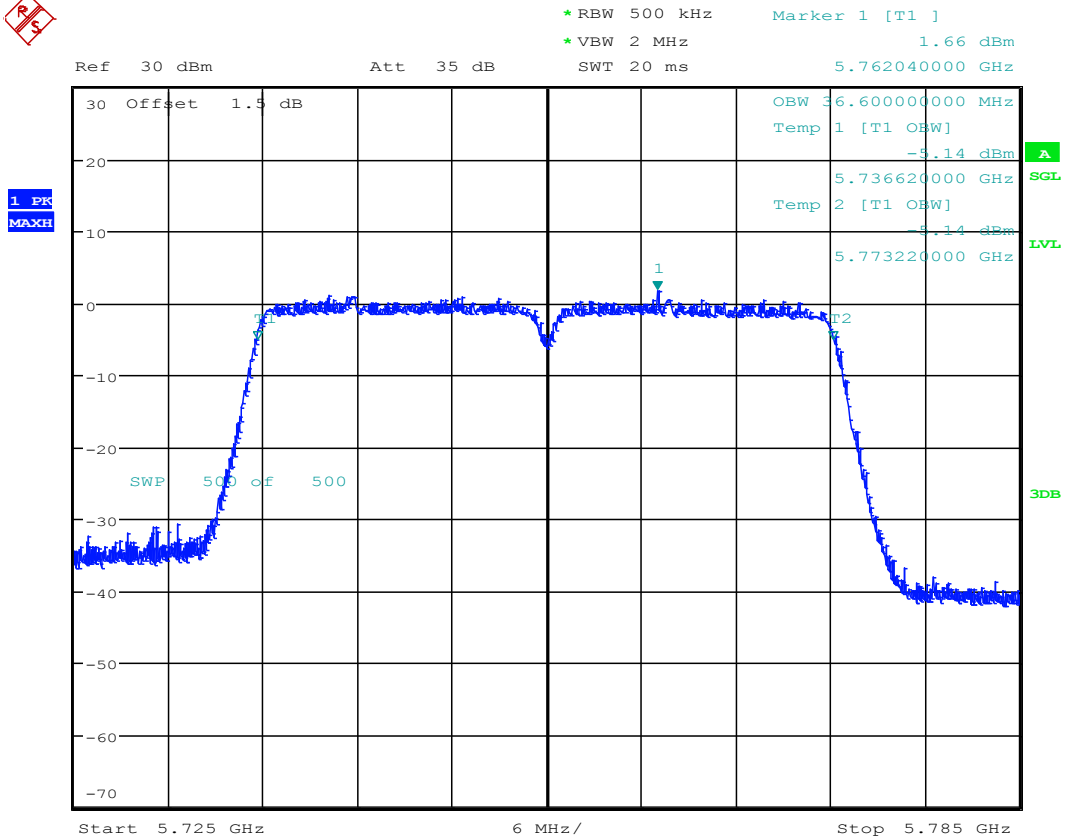








### 6.93 11N40MIMO\_151 ANT 1



Date: 28.MAR.2018 19:00:48