



# 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	21.74	PASS
	36	5180	ANT 2	21.76	PASS
	48	5240	ANT 1	21.74	PASS
	48	5240	ANT 2	21.76	PASS
	52	5260	ANT 1	21.72	PASS
	52	5260	ANT 2	21.74	PASS
	64	5320	ANT 1	21.74	PASS
	64	5320	ANT 2	21.8	PASS
	100	5500	ANT 1	21.74	PASS
	100	5500	ANT 2	21.78	PASS
	140	5700	ANT 1	21.72	PASS
	140	5700	ANT 2	21.8	PASS
	144	5720	ANT 1	21.76	PASS
	144	5720	ANT 2	21.82	PASS
11A20_CDD	36	5180	ANT 1	21.78	PASS
	36	5180	ANT 2	21.68	PASS
	48	5240	ANT 1	21.92	PASS
	48	5240	ANT 2	21.84	PASS
	52	5260	ANT 1	21.8	PASS
	52	5260	ANT 2	21.84	PASS
	64	5320	ANT 1	21.8	PASS
	64	5320	ANT 2	21.74	PASS
	100	5500	ANT 1	21.74	PASS
	100	5500	ANT 2	21.74	PASS
	140	5700	ANT 1	21.84	PASS
	140	5700	ANT 2	21.88	PASS
	144	5720	ANT 1	21.8	PASS
	144	5720	ANT 2	21.8	PASS
11N20	36	5180	ANT 1	22.06	PASS
	36	5180	ANT 2	22.04	PASS
	48	5240	ANT 1	22.2	PASS
	48	5240	ANT 2	22.2	PASS
	52	5260	ANT 1	22.2	PASS



	52	5260	ANT 2	22.76	PASS
	64	5320	ANT 1	22.18	PASS
	64	5320	ANT 2	22.24	PASS
	100	5500	ANT 1	21.94	PASS
	100	5500	ANT 2	22.1	PASS
	140	5700	ANT 1	22.08	PASS
	140	5700	ANT 2	22.18	PASS
	144	5720	ANT 1	22.24	PASS
	144	5720	ANT 2	22.24	PASS
11N20MIMO	36	5180	ANT 1	22.08	PASS
	36	5180	ANT 2	21.86	PASS
	48	5240	ANT 1	22.28	PASS
	48	5240	ANT 2	22.42	PASS
	52	5260	ANT 1	22.18	PASS
	52	5260	ANT 2	22.12	PASS
	64	5320	ANT 1	22.24	PASS
	64	5320	ANT 2	22.02	PASS
	100	5500	ANT 1	22.26	PASS
	100	5500	ANT 2	22.16	PASS
	140	5700	ANT 1	22.18	PASS
	140	5700	ANT 2	22.04	PASS
	144	5720	ANT 1	22.3	PASS
	144	5720	ANT 2	21.88	PASS
11N40	38	5190	ANT 1	41.06	PASS
	38	5190	ANT 2	40.62	PASS
	46	5230	ANT 1	41.42	PASS
	46	5230	ANT 2	40.74	PASS
	54	5270	ANT 1	41.4	PASS
	54	5270	ANT 2	40.76	PASS
	62	5310	ANT 1	41.36	PASS
	62	5310	ANT 2	40.72	PASS
	102	5510	ANT 1	41.18	PASS
	102	5510	ANT 2	40.64	PASS
	134	5670	ANT 1	41	PASS
	134	5670	ANT 2	43.88	PASS
	142	5710	ANT 1	41.12	PASS
	142	5710	ANT 2	44.6	PASS
11N40MIMO	38	5190	ANT 1	40.68	PASS
	38	5190	ANT 2	40.16	PASS
	46	5230	ANT 1	40.88	PASS
	46	5230	ANT 2	40.06	PASS



	54	5270	ANT 1	40.66	PASS
	54	5270	ANT 2	40.1	PASS
	62	5310	ANT 1	40.54	PASS
	62	5310	ANT 2	40	PASS
	102	5510	ANT 1	40.58	PASS
	102	5510	ANT 2	40.14	PASS
	134	5670	ANT 1	40.66	PASS
	134	5670	ANT 2	40.58	PASS
	142	5710	ANT 1	40.62	PASS
	142	5710	ANT 2	40.32	PASS
11AC20	36	5180	ANT 1	22.08	PASS
	36	5180	ANT 2	22.06	PASS
	48	5240	ANT 1	22.12	PASS
	48	5240	ANT 2	22.18	PASS
	52	5260	ANT 1	22.2	PASS
	52	5260	ANT 2	23.2	PASS
	64	5320	ANT 1	22.26	PASS
	64	5320	ANT 2	22.08	PASS
	100	5500	ANT 1	22.16	PASS
	100	5500	ANT 2	22.16	PASS
	140	5700	ANT 1	22.16	PASS
	140	5700	ANT 2	22.1	PASS
	144	5720	ANT 1	22.34	PASS
	144	5720	ANT 2	22.08	PASS
11AC20MIMO	36	5180	ANT 1	22.22	PASS
	36	5180	ANT 2	21.9	PASS
	48	5240	ANT 1	22.24	PASS
	48	5240	ANT 2	22.22	PASS
	52	5260	ANT 1	22.32	PASS
	52	5260	ANT 2	24.16	PASS
	64	5320	ANT 1	22.2	PASS
	64	5320	ANT 2	21.94	PASS
	100	5500	ANT 1	22.26	PASS
	100	5500	ANT 2	22.24	PASS
	140	5700	ANT 1	22.34	PASS
	140	5700	ANT 2	21.98	PASS
	144	5720	ANT 1	22.32	PASS
	144	5720	ANT 2	22.18	PASS
11AC40	38	5190	ANT 1	41.12	PASS
	38	5190	ANT 2	40.44	PASS
	46	5230	ANT 1	41.52	PASS



	46	5230	ANT 2	40.58	PASS
	54	5270	ANT 1	41.26	PASS
	54	5270	ANT 2	40.94	PASS
	62	5310	ANT 1	41.3	PASS
	62	5310	ANT 2	40.38	PASS
	102	5510	ANT 1	41	PASS
	102	5510	ANT 2	40.7	PASS
	134	5670	ANT 1	41.1	PASS
	134	5670	ANT 2	40.74	PASS
	142	5710	ANT 1	40.98	PASS
	142	5710	ANT 2	41.06	PASS
	11AC40MIMO	38	5190	ANT 1	40.7
38		5190	ANT 2	40.18	PASS
46		5230	ANT 1	40.58	PASS
46		5230	ANT 2	40.24	PASS
54		5270	ANT 1	40.56	PASS
54		5270	ANT 2	40.26	PASS
62		5310	ANT 1	40.58	PASS
62		5310	ANT 2	40.06	PASS
102		5510	ANT 1	40.62	PASS
102		5510	ANT 2	40.04	PASS
134		5670	ANT 1	40.66	PASS
134		5670	ANT 2	42.56	PASS
142		5710	ANT 1	40.56	PASS
142		5710	ANT 2	40.18	PASS
11AC80	42	5210	ANT 1	83.36	PASS
	42	5210	ANT 2	82.88	PASS
	58	5290	ANT 1	83.15	PASS
	58	5290	ANT 2	83.09	PASS
	106	5530	ANT 1	83.79	PASS
	106	5530	ANT 2	82.88	PASS
	138	5690	ANT 1	83.89	PASS
	138	5690	ANT 2	83.15	PASS
11AC80MIMO	42	5210	ANT 1	83.89	PASS
	42	5210	ANT 2	82.4	PASS
	58	5290	ANT 1	84.43	PASS
	58	5290	ANT 2	82.24	PASS
	106	5530	ANT 1	83.57	PASS
	106	5530	ANT 2	82.77	PASS
	138	5690	ANT 1	83.68	PASS
	138	5690	ANT 2	82.67	PASS



## 2 Result Table for 6dB Emission Bandwidth

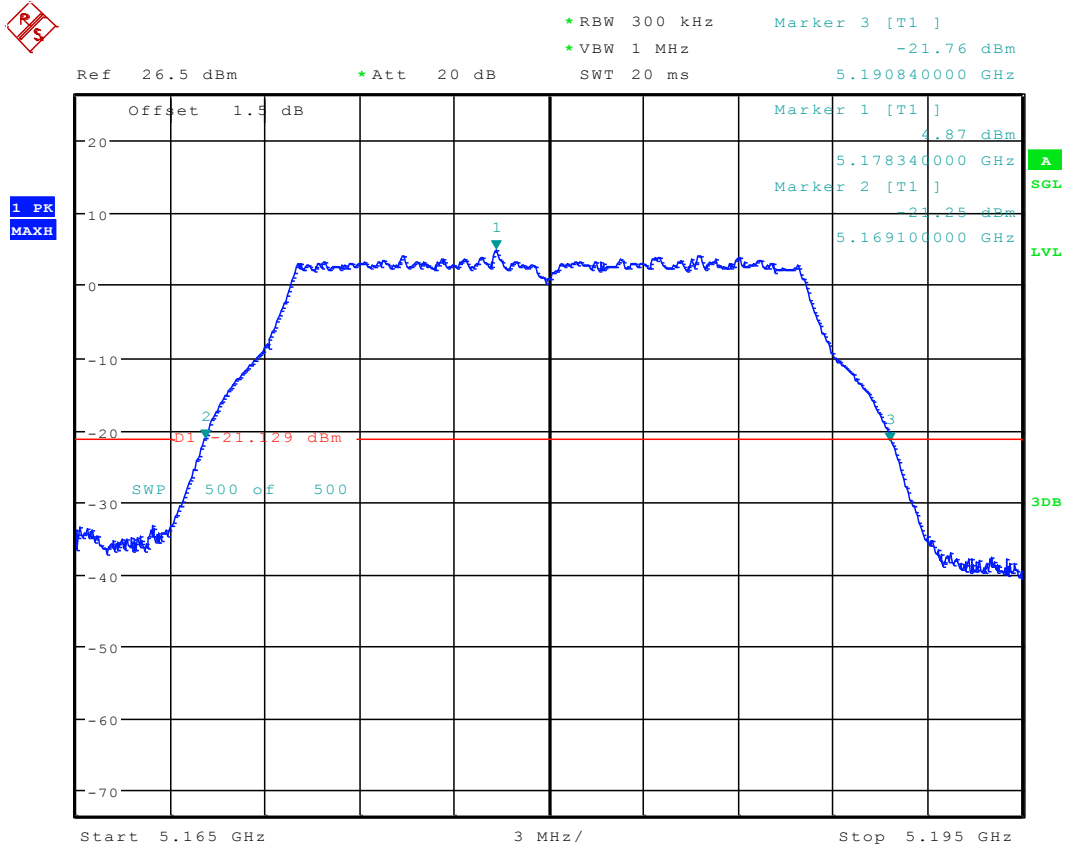
Test Mode	Test Channel	Frequency [MHz]	ANT	6dB Emission Bandwidth [MHz]	Verdict
11A20	149	5745	ANT 1	16.38	PASS
	149	5745	ANT 2	16.38	PASS
	165	5825	ANT 1	16.4	PASS
	165	5825	ANT 2	16.38	PASS
11A20_CDD	149	5745	ANT 1	16.4	PASS
	149	5745	ANT 2	16.4	PASS
	165	5825	ANT 1	16.4	PASS
	165	5825	ANT 2	16.42	PASS
11N20	149	5745	ANT 1	17.62	PASS
	149	5745	ANT 2	17.66	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	17.68	PASS
	165	5825	ANT 1	17.62	PASS
	165	5825	ANT 2	17.64	PASS
11N40	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	36.36	PASS
11N40MIMO	151	5755	ANT 1	36.38	PASS
	151	5755	ANT 2	36.4	PASS
	159	5795	ANT 1	36.36	PASS
	159	5795	ANT 2	36.38	PASS
11AC20	149	5745	ANT 1	17.64	PASS
	149	5745	ANT 2	17.62	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	17.66	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	36.38	PASS
	159	5795	ANT 2	36.38	PASS
11AC40MIMO	151	5755	ANT 1	36.38	PASS
	151	5755	ANT 2	36.4	PASS
	159	5795	ANT 1	36.38	PASS
	159	5795	ANT 2	36.36	PASS
11AC80	155	5775	ANT 1	76.48	PASS
	155	5775	ANT 2	76.48	PASS
11AC80MIMO	155	5775	ANT 1	76.43	PASS
	155	5775	ANT 2	76.48	PASS

### 3 Test Plot for 26dB Emission Bandwidth

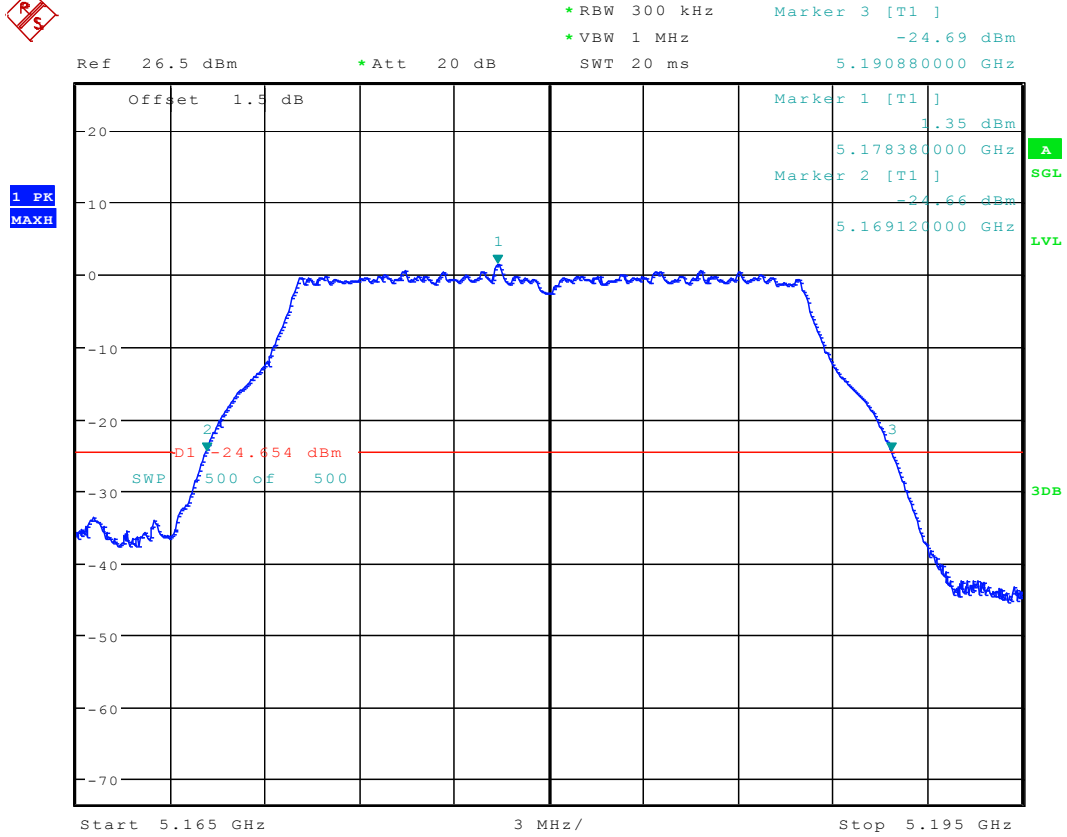
#### 3.1 11A20\_36 ANT 1



Date: 11.JAN.2018 18:48:51

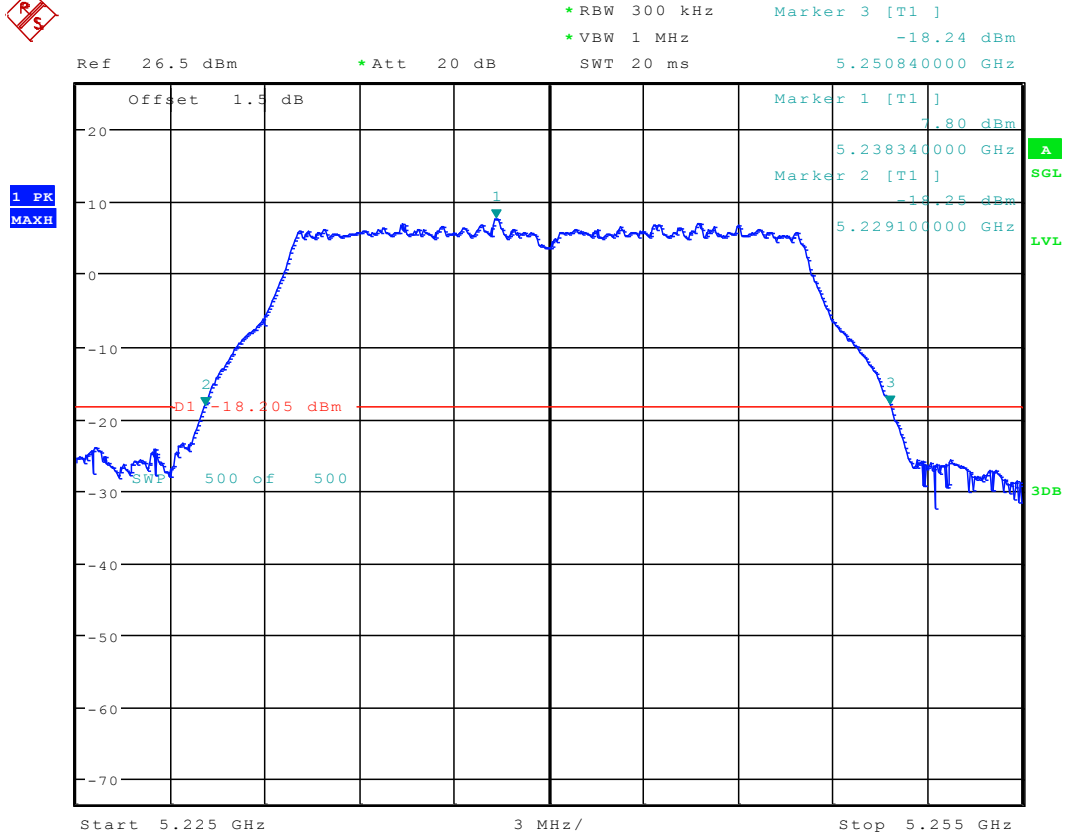


### 3.2 11A20\_36 ANT 2



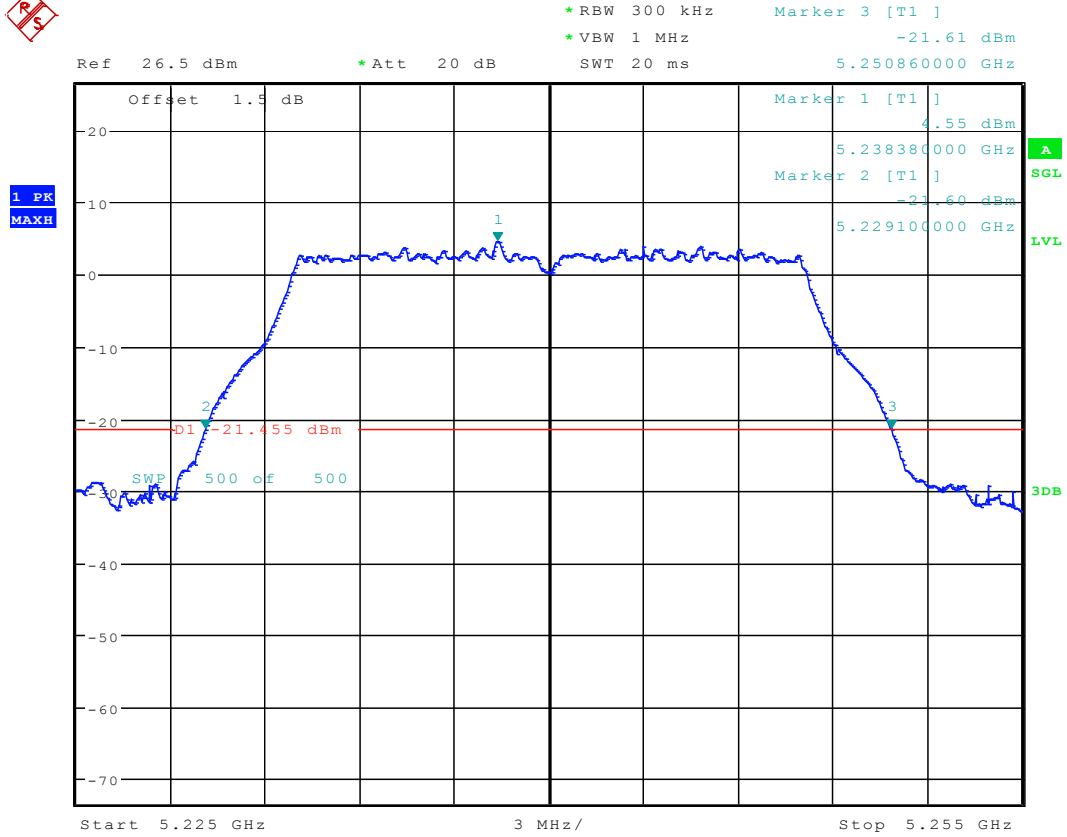
Date: 12.JAN.2018 10:26:49

### 3.3 11A20\_48 ANT 1



Date: 11.JAN.2018 18:51:47

### 3.4 11A20\_48 ANT 2



Date: 12.JAN.2018 10:28:42



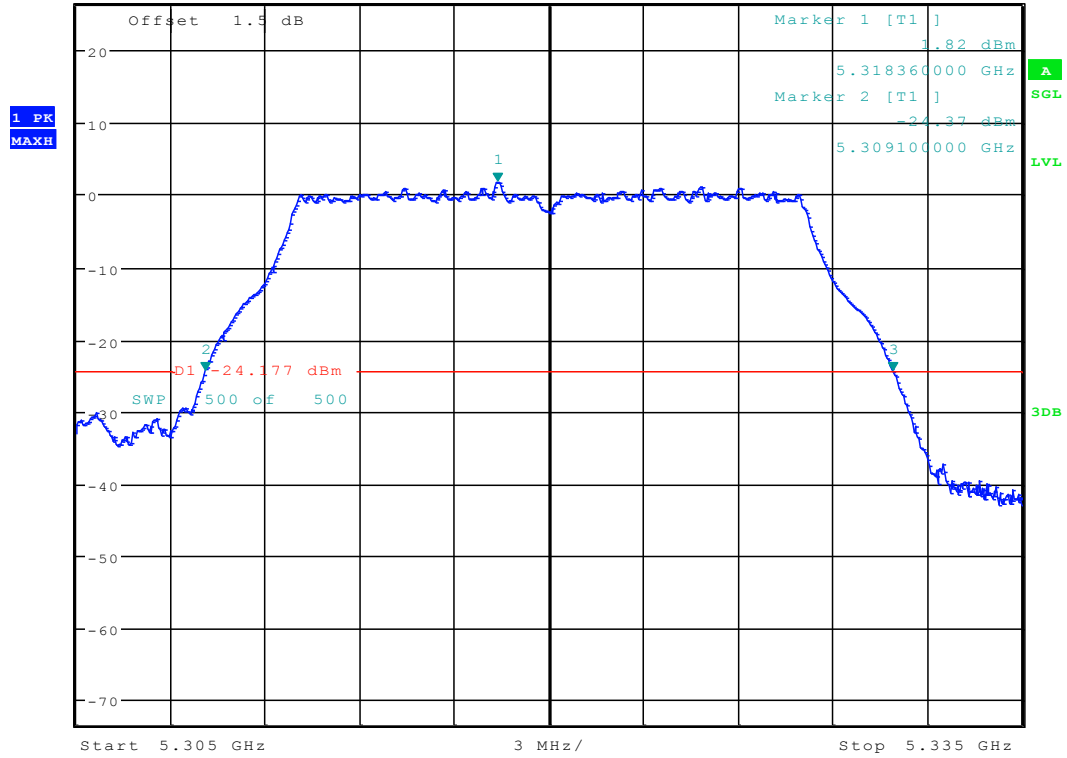




### 3.8 11A20\_64 ANT 2



\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -24.39 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.330900000 GHz

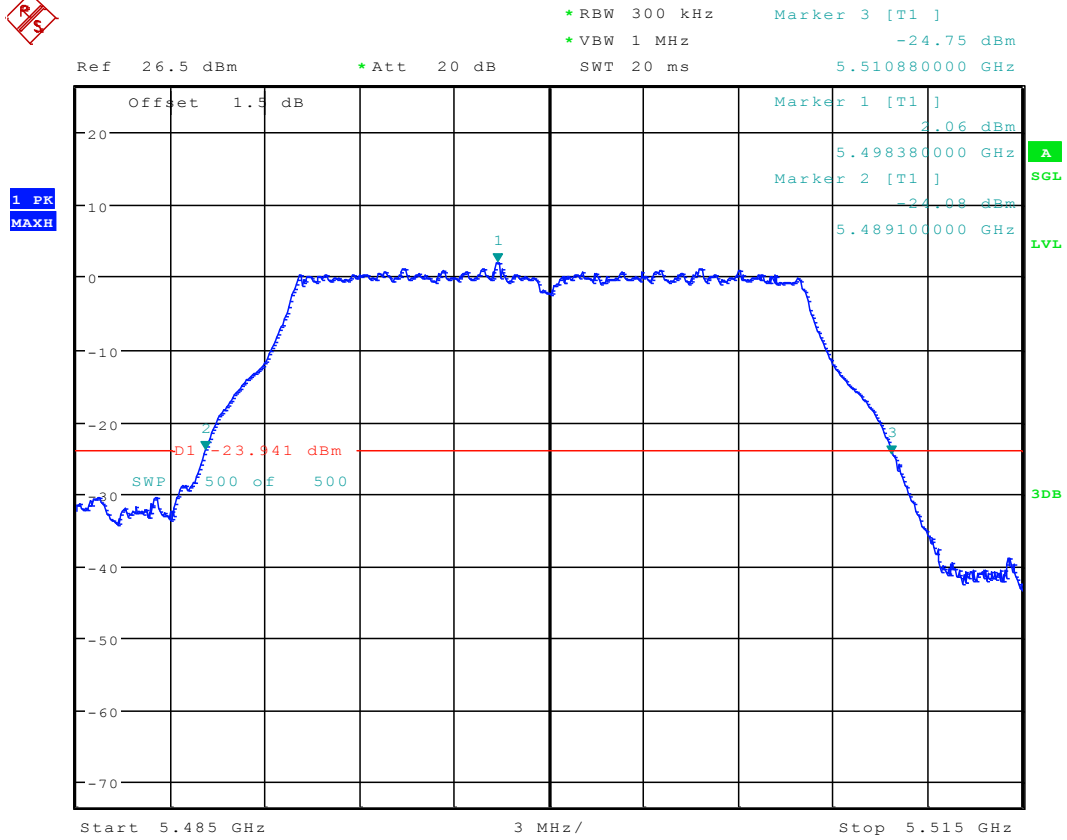


Date: 12.JAN.2018 14:51:37



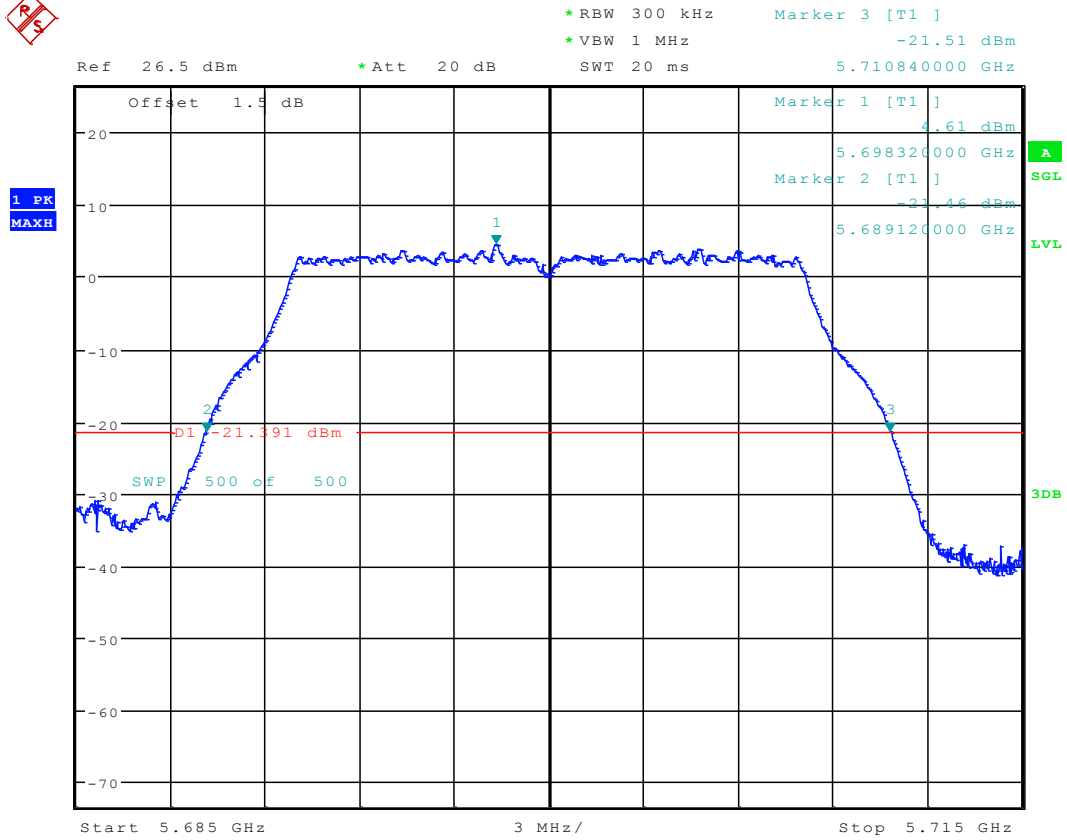


### 3.10 11A20\_100 ANT 2



Date: 12.JAN.2018 15:01:58

### 3.11 11A20\_140 ANT 1

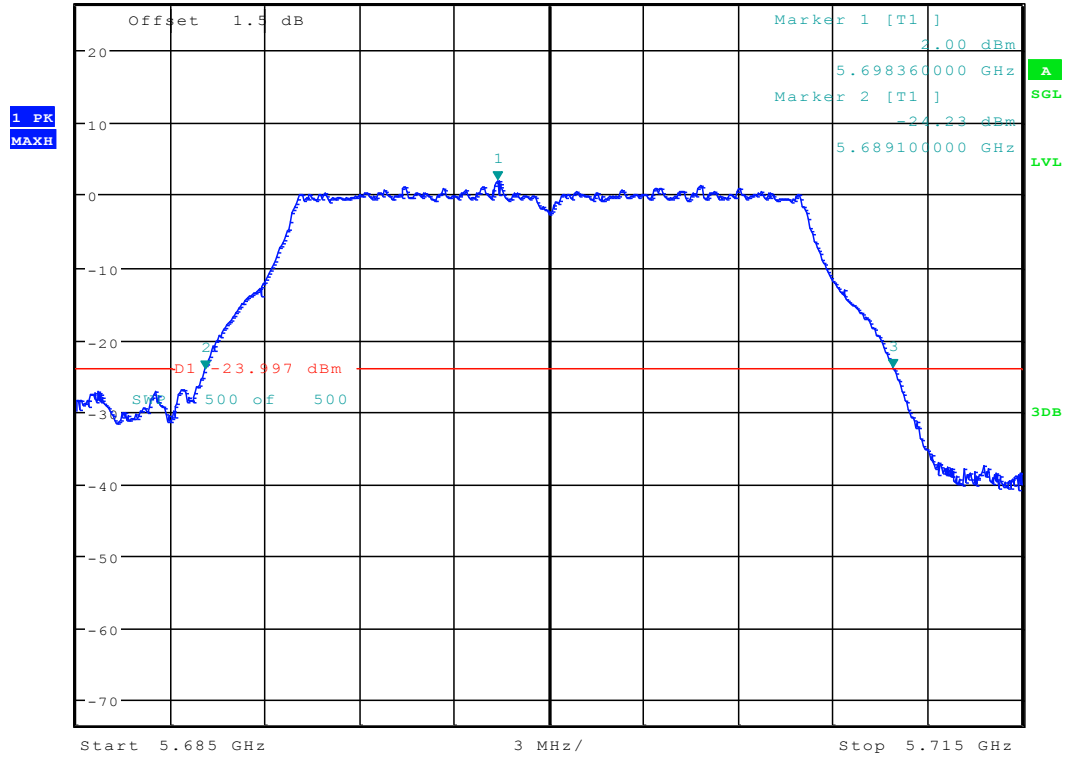


Date: 11.JAN.2018 19:03:33

### 3.12 11A20\_140 ANT 2

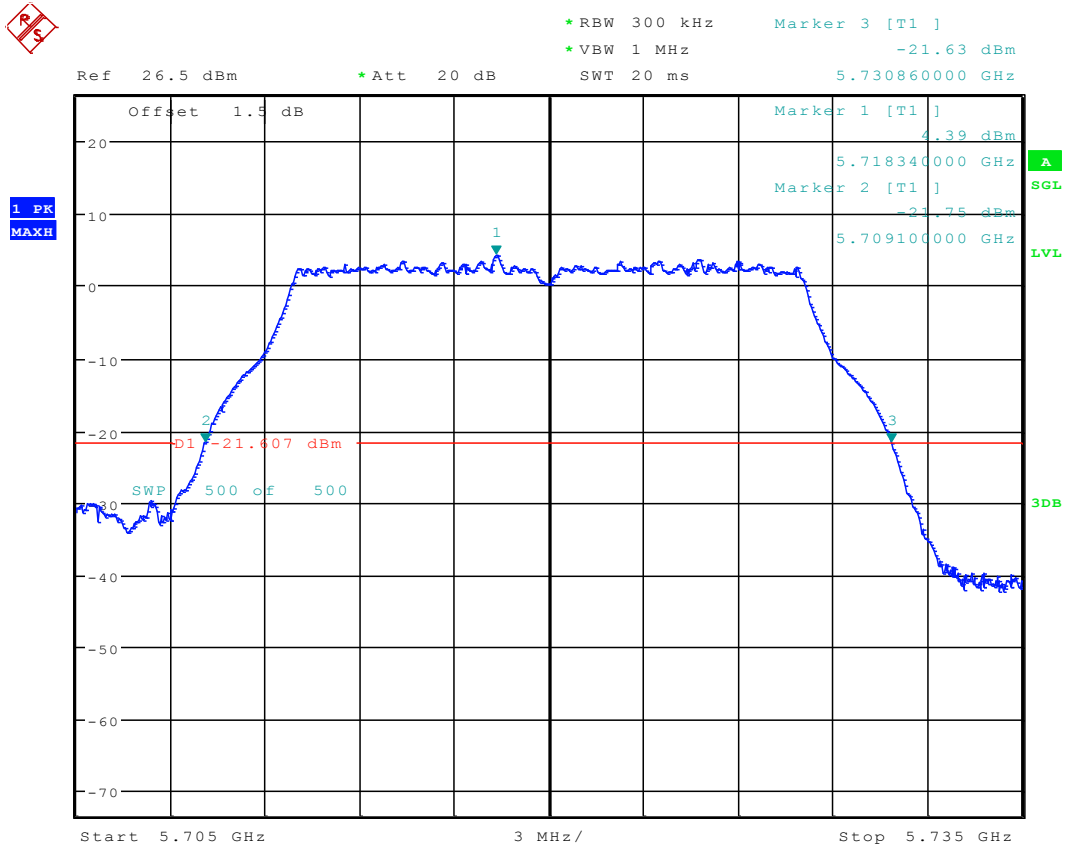


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -24.07 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.710900000 GHz



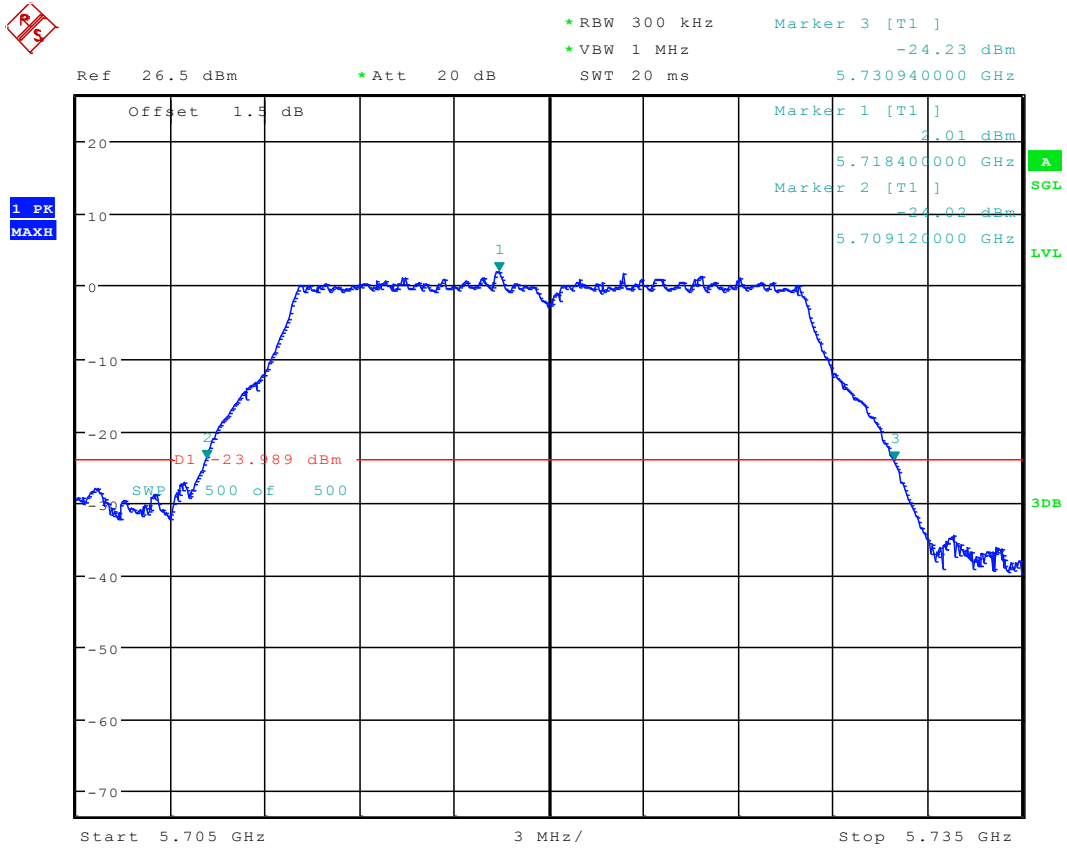
Date: 12.JAN.2018 15:04:08

### 3.13 11A20\_144 ANT 1



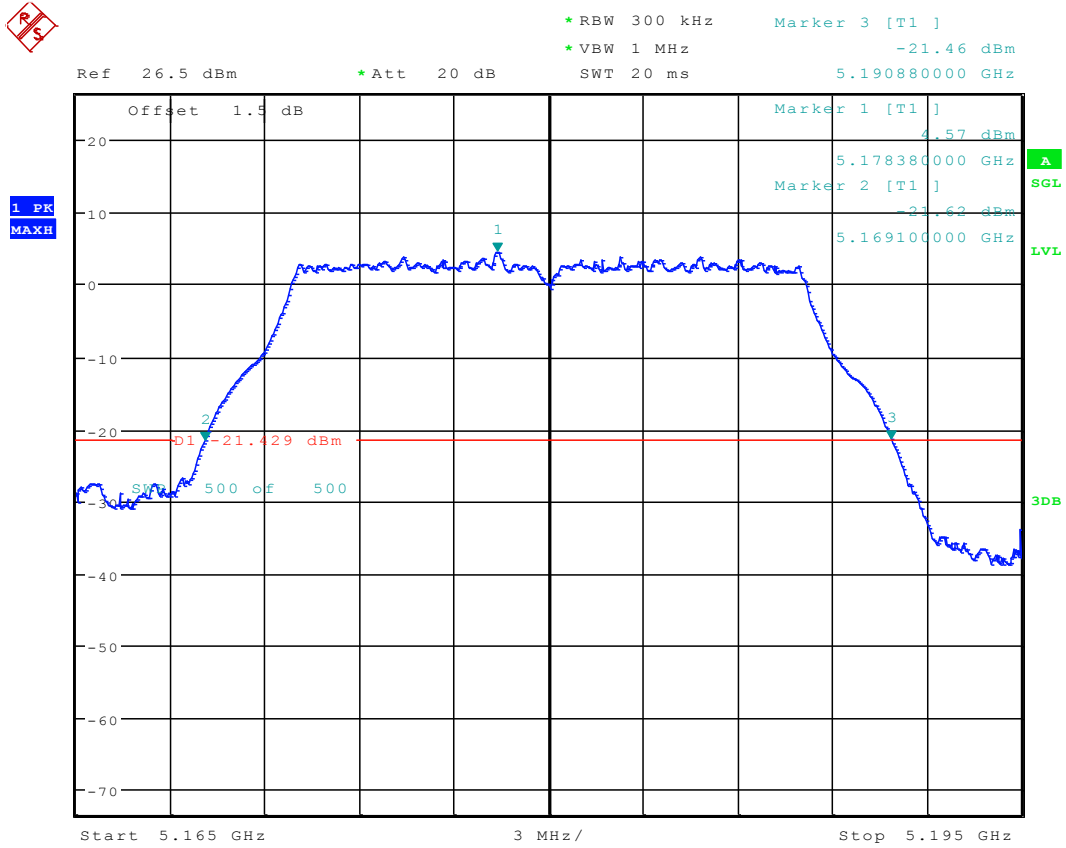
Date: 11.JAN.2018 19:07:04

### 3.14 11A20\_144 ANT 2



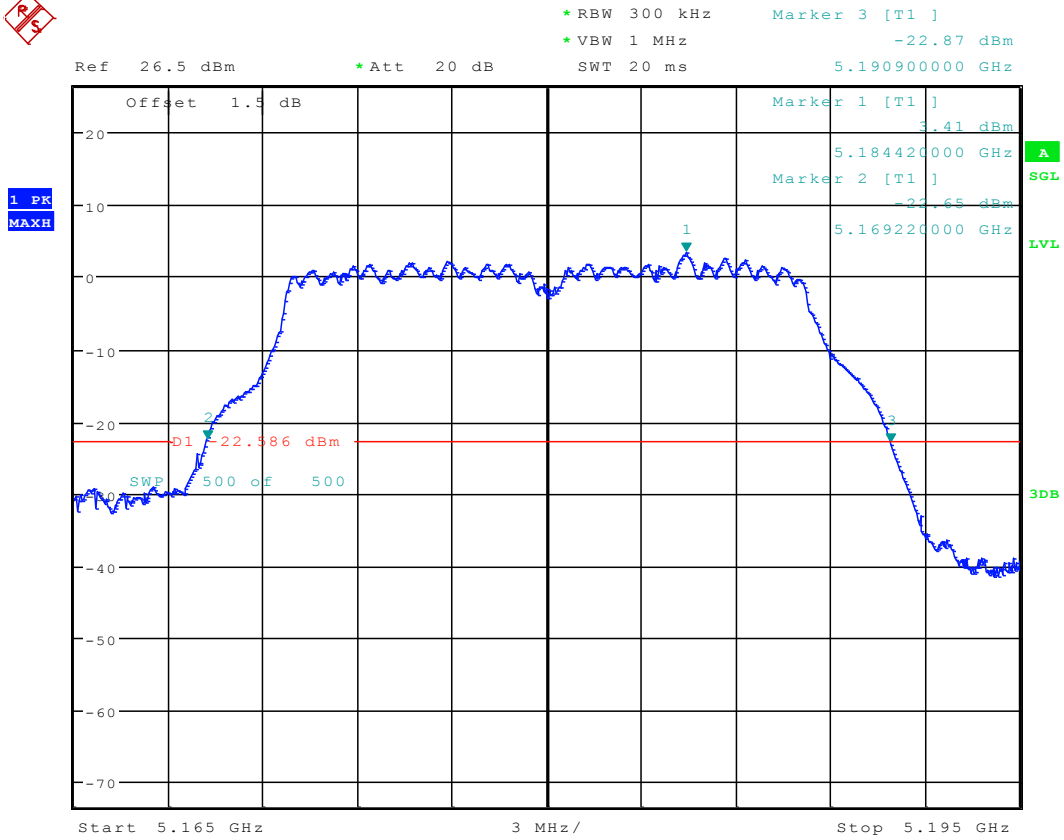
Date: 12.JAN.2018 15:06:18

## 3.15 11A20\_CDD\_36 ANT 1



Date: 18.JAN.2018 17:31:14

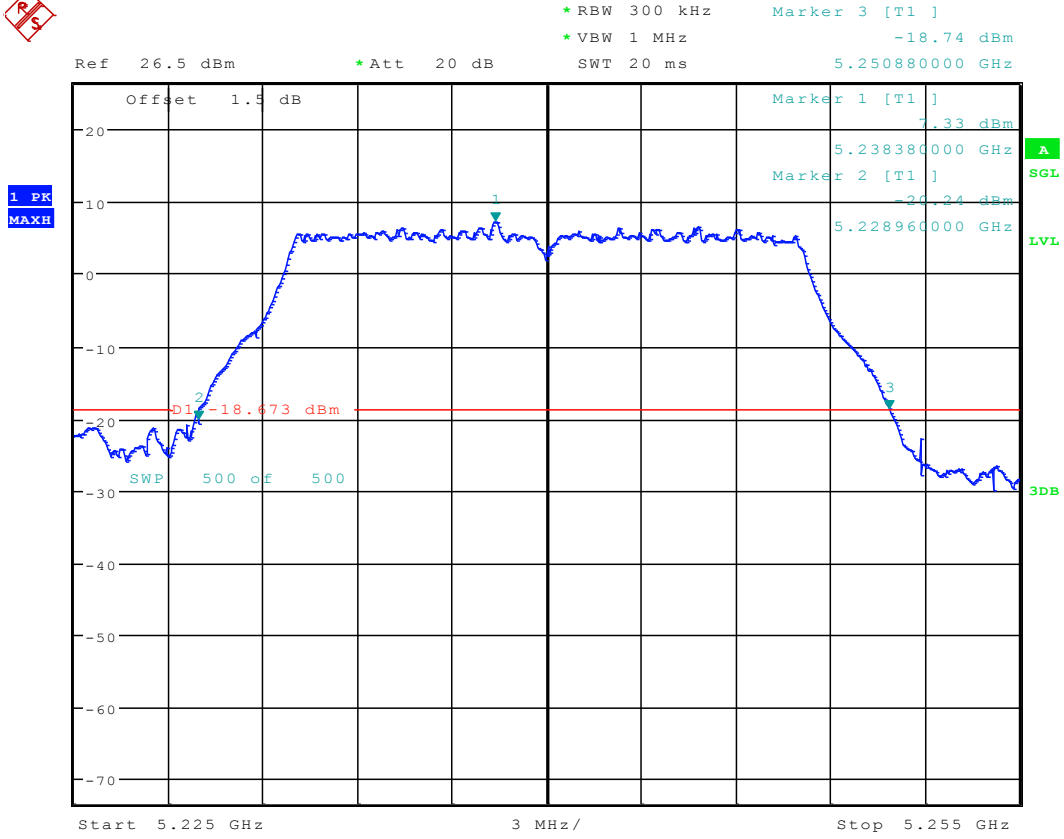
### 3.16 11A20\_CDD\_36 ANT 2



Date: 18.JAN.2018 12:04:20



### 3.17 11A20\_CDD\_48 ANT 1

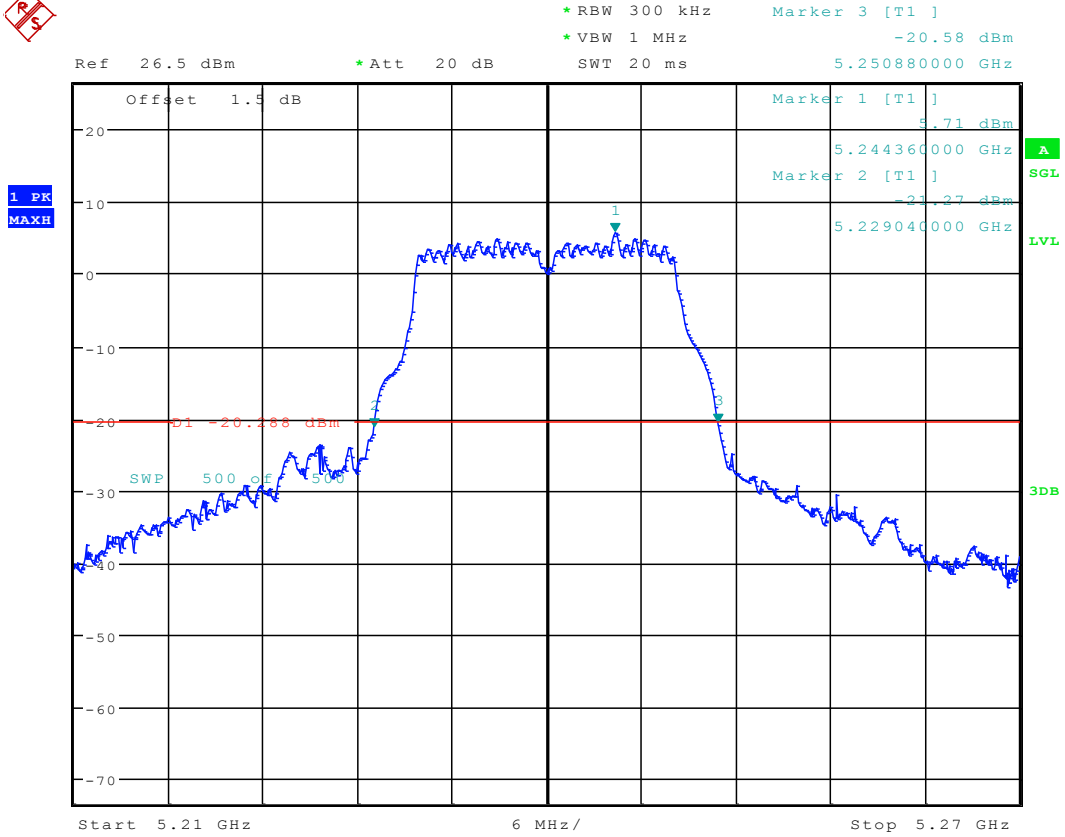


Date: 18.JAN.2018 17:36:53





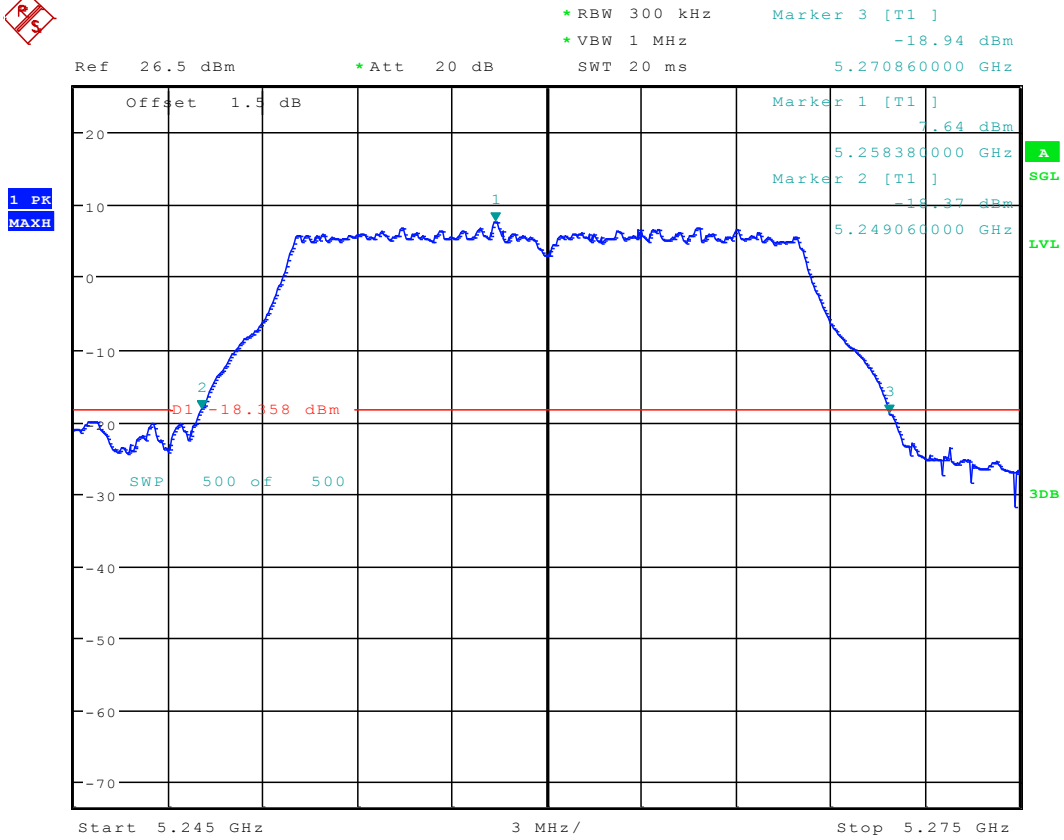
### 3.18 11A20\_CDD\_48 ANT 2



Date: 26.JAN.2018 11:23:51

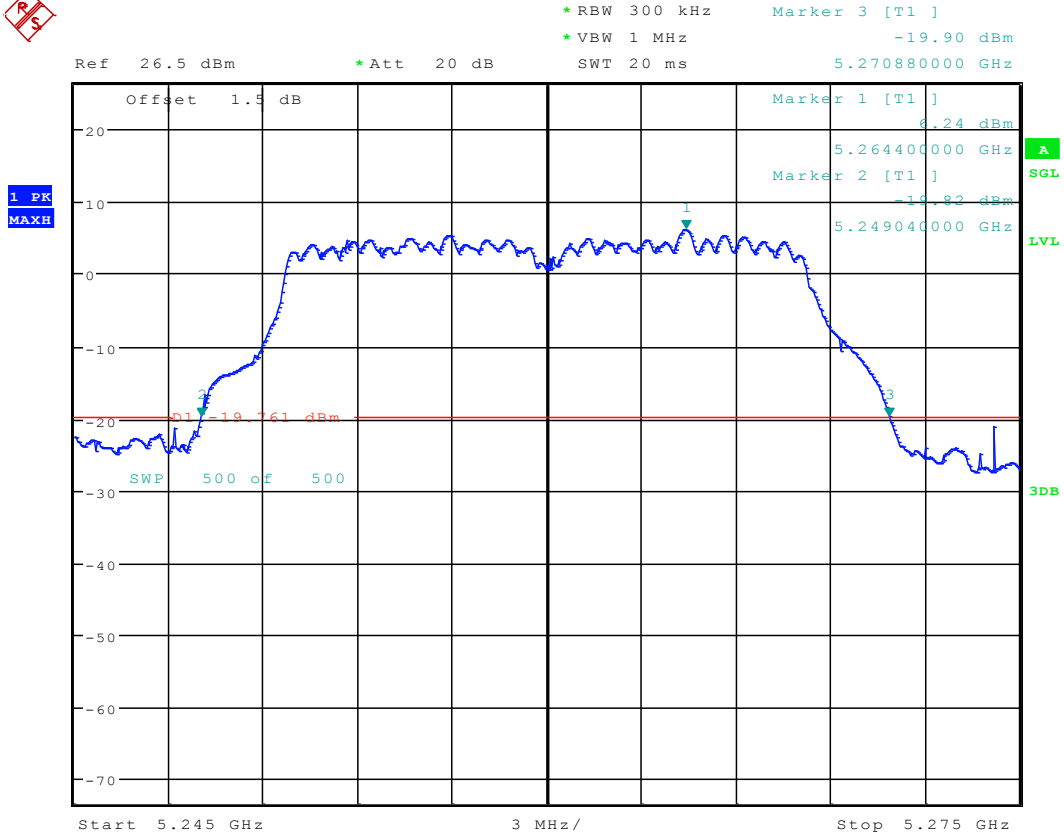


### 3.19 11A20\_CDD\_52 ANT 1



Date: 18.JAN.2018 17:41:19

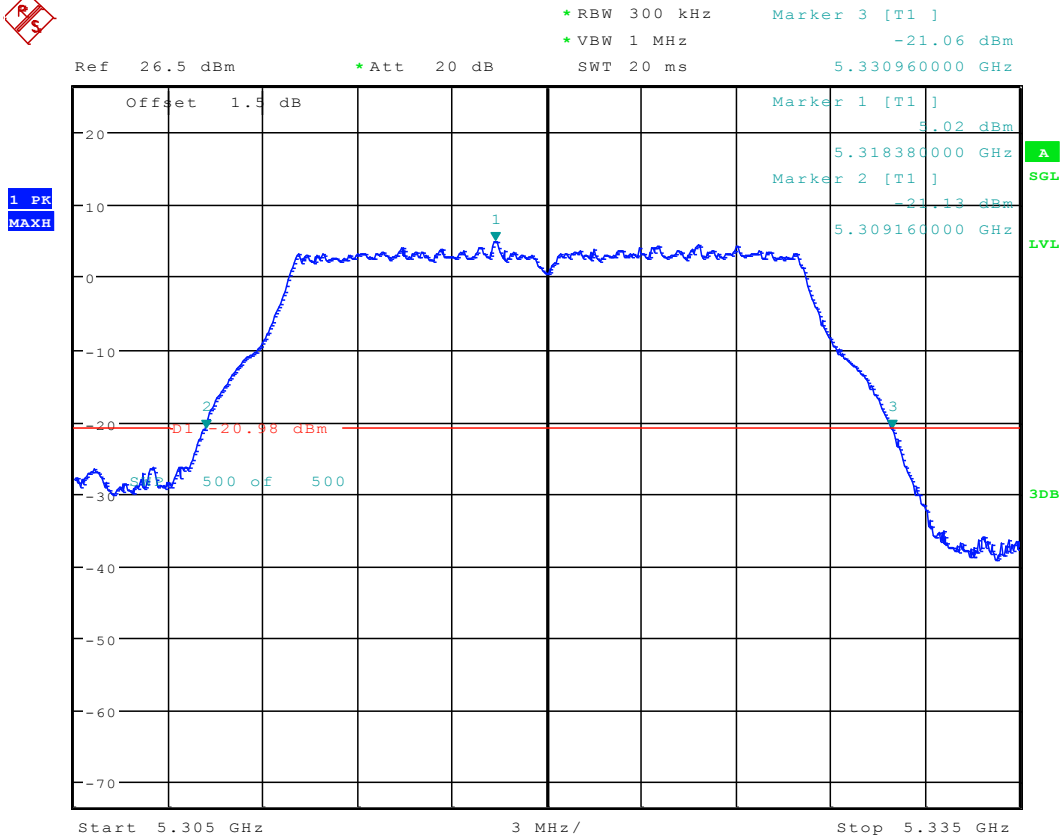
### 3.20 11A20\_CDD\_52 ANT 2



Date: 18.JAN.2018 13:38:10

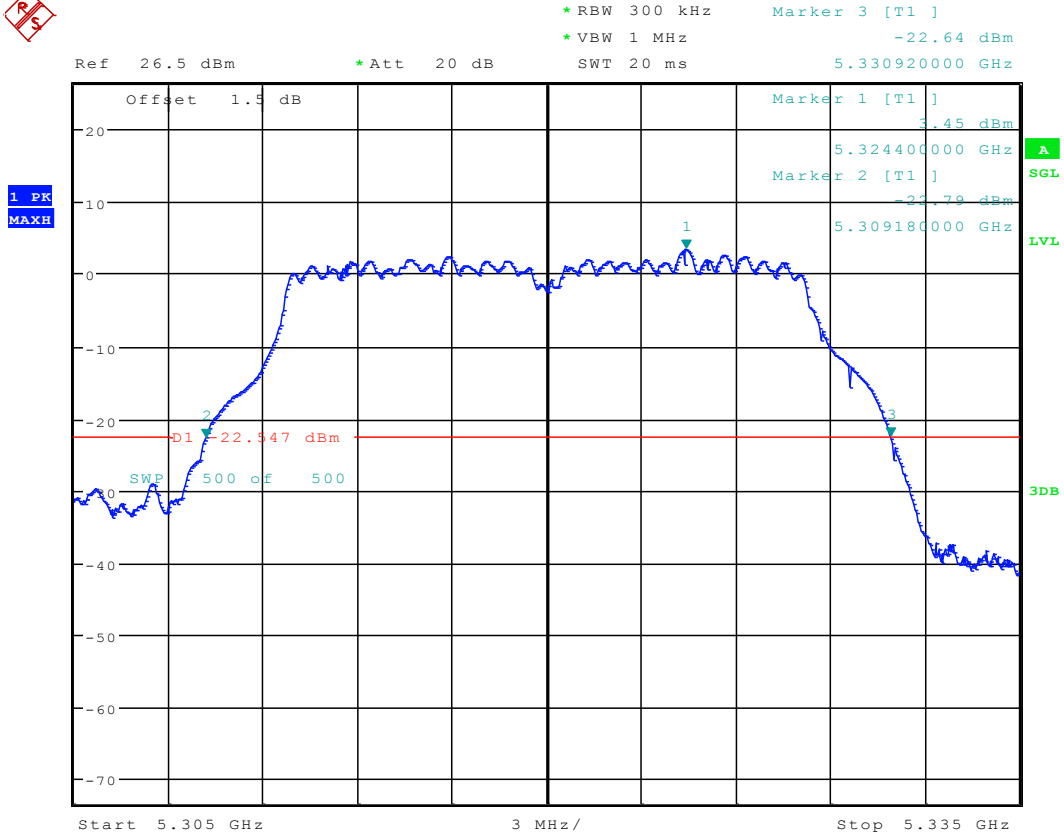


### 3.21 11A20\_CDD\_64 ANT 1



Date: 18.JAN.2018 17:46:00

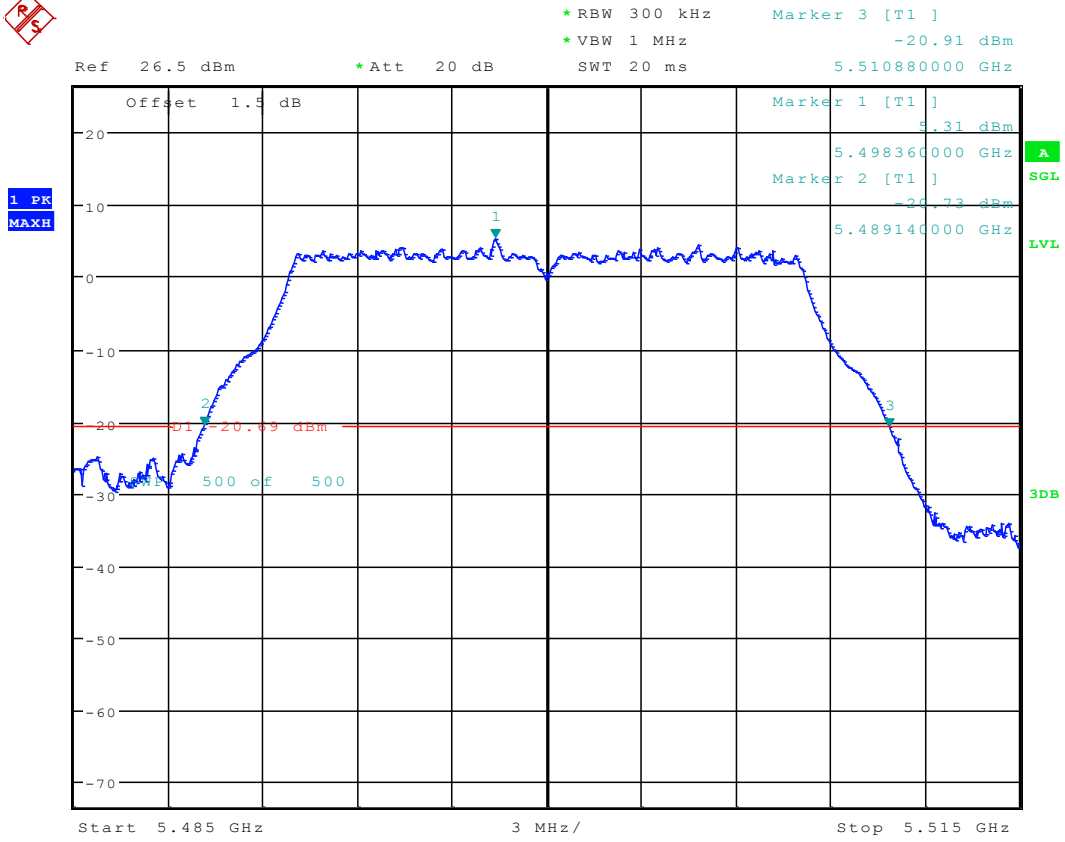
### 3.22 11A20\_CDD\_64 ANT 2



Date: 18.JAN.2018 13:41:17

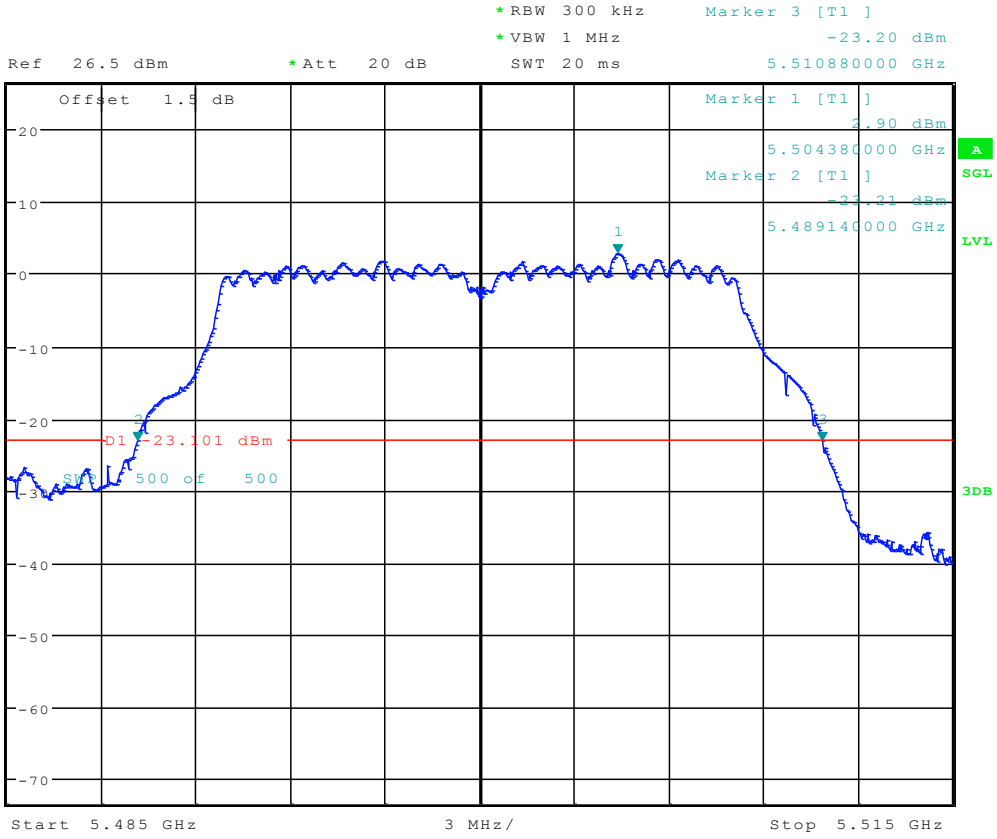


### 3.23 11A20\_CDD\_100 ANT 1



Date: 18.JAN.2018 17:51:22

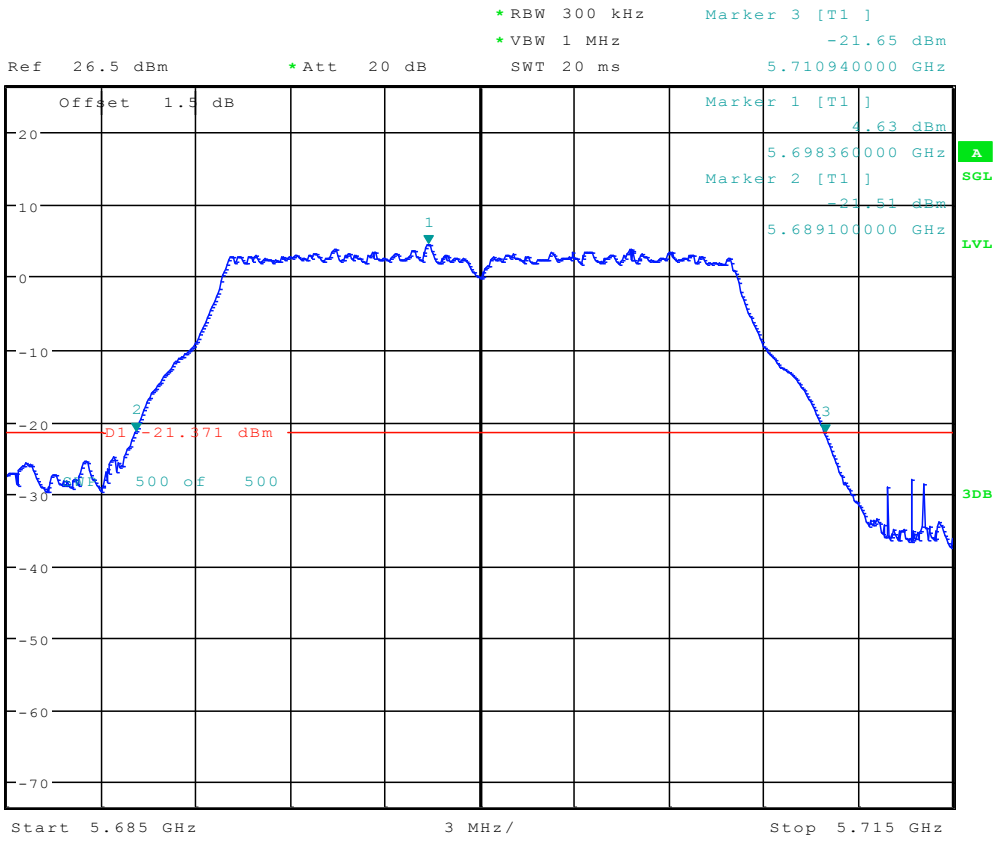
### 3.24 11A20\_CDD\_100 ANT 2



Date: 18.JAN.2018 13:44:36



### 3.25 11A20\_CDD\_140 ANT 1

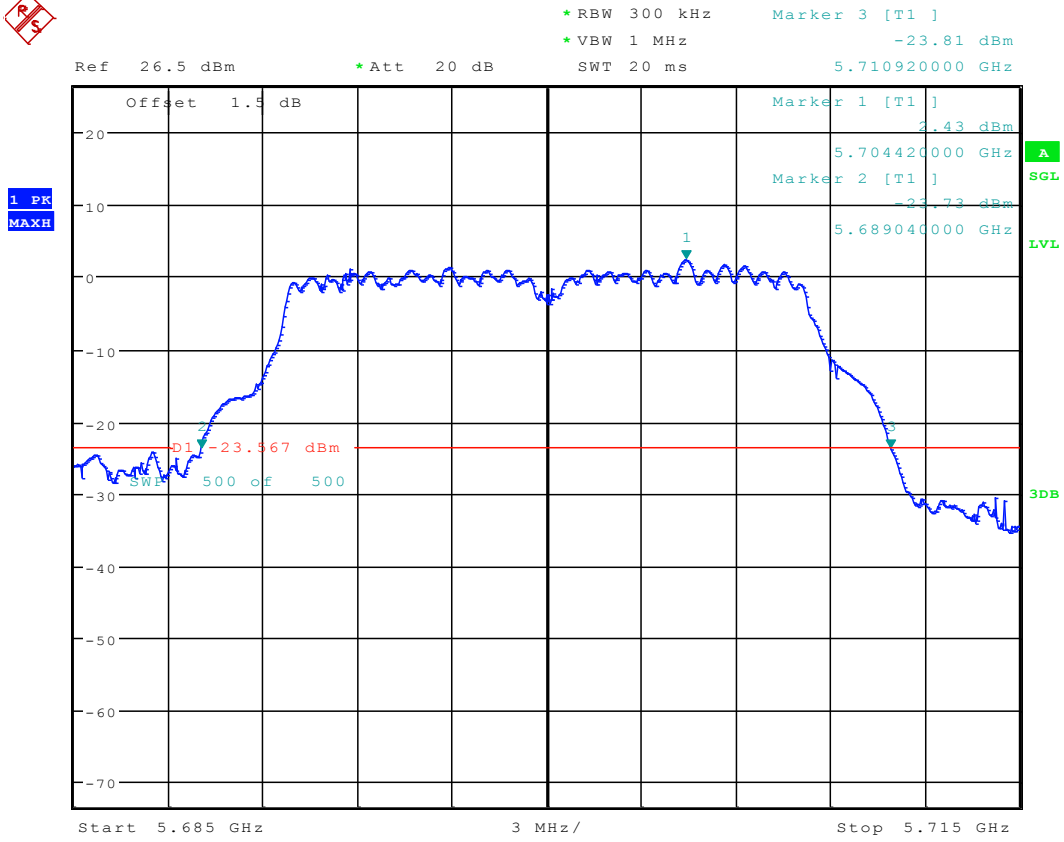


Date: 18.JAN.2018 17:54:27





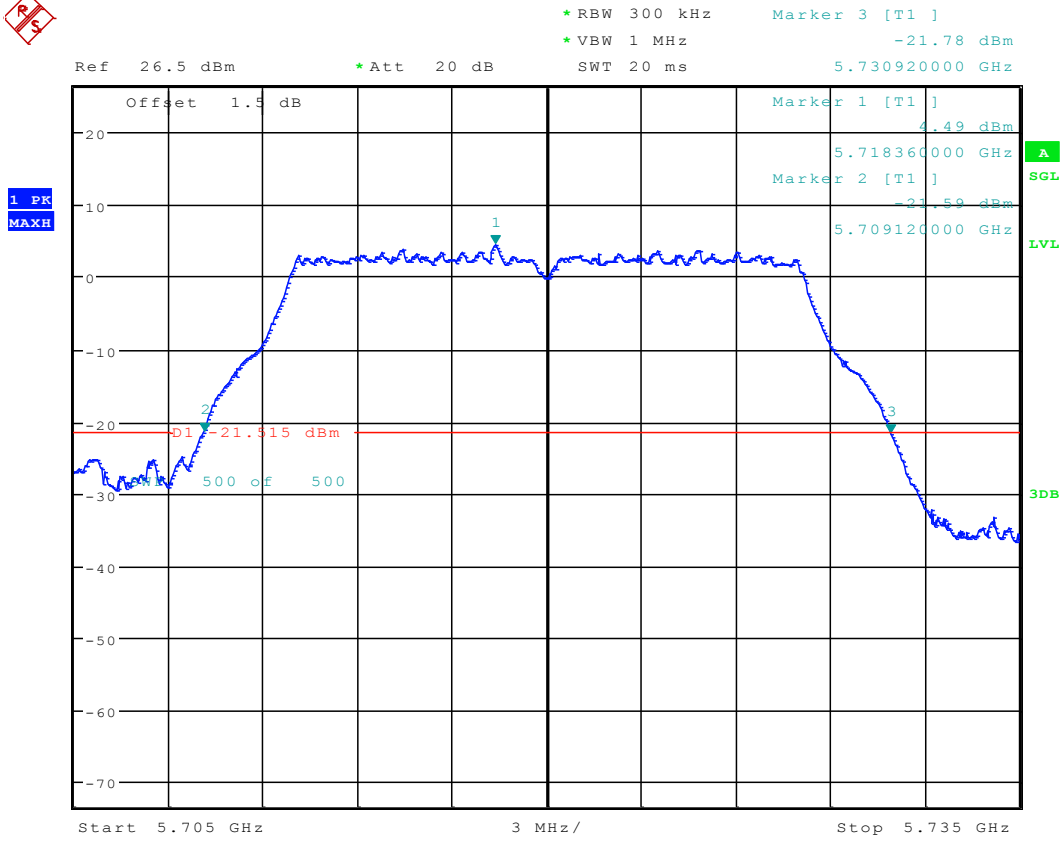
### 3.26 11A20\_CDD\_140 ANT 2



Date: 18.JAN.2018 13:59:19

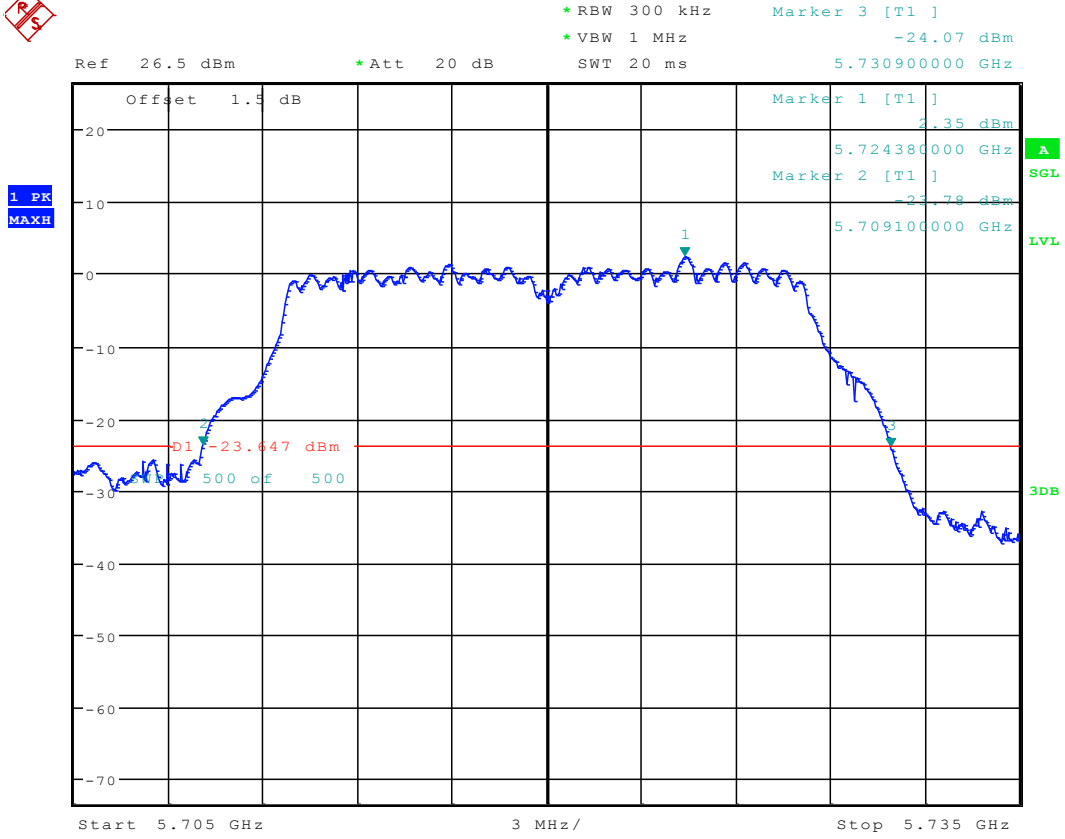


### 3.27 11A20\_CDD\_144 ANT 1



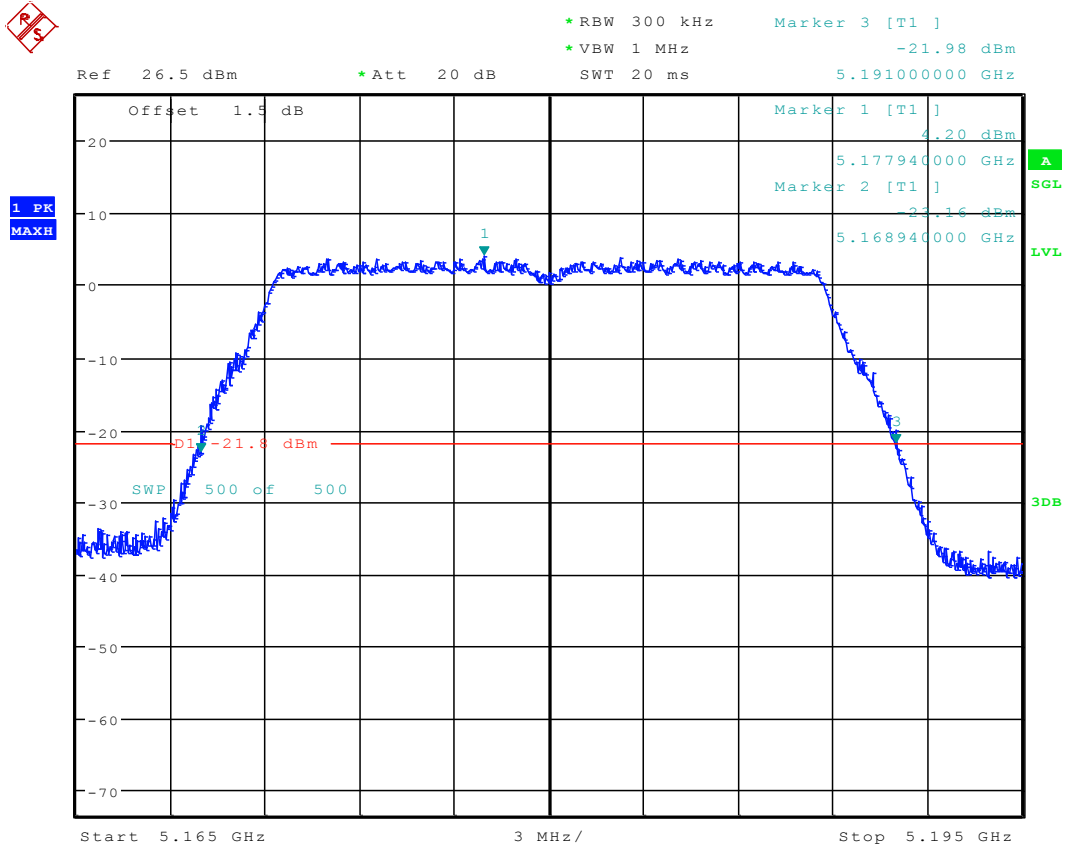
Date: 18.JAN.2018 17:57:33

### 3.28 11A20\_CDD\_144 ANT 2



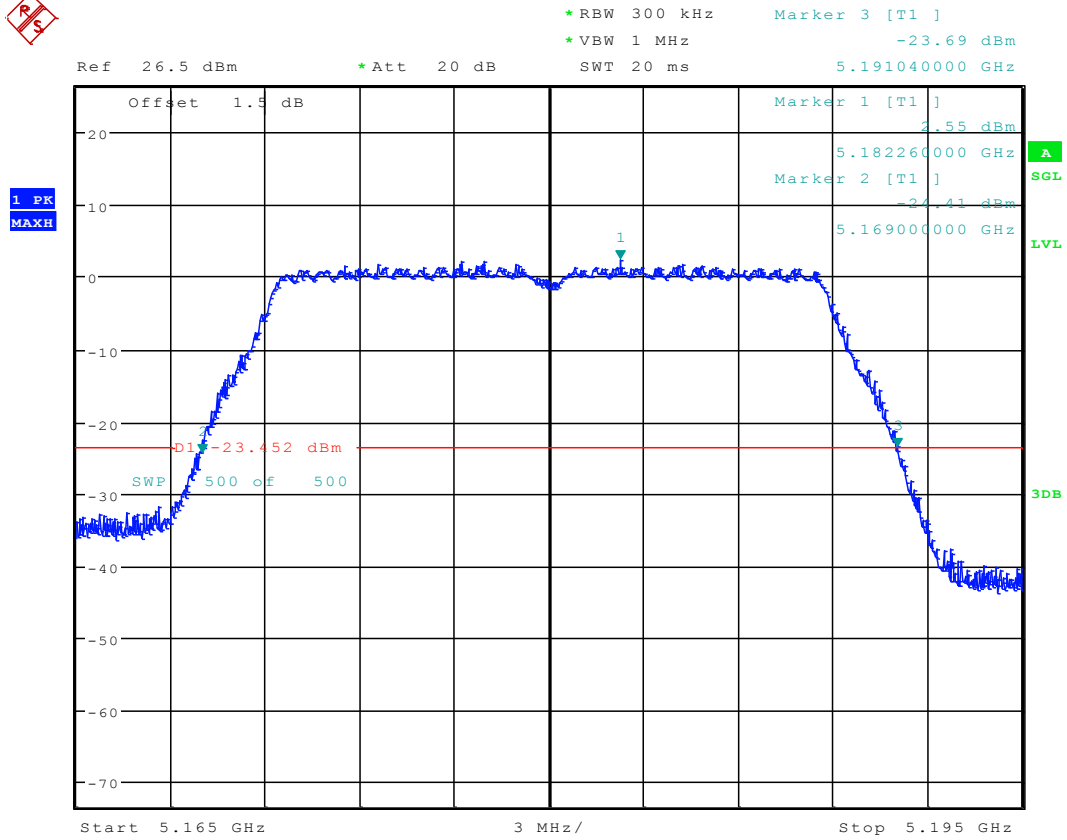
Date: 18.JAN.2018 14:08:39

## 3.29 11N20\_36 ANT 1



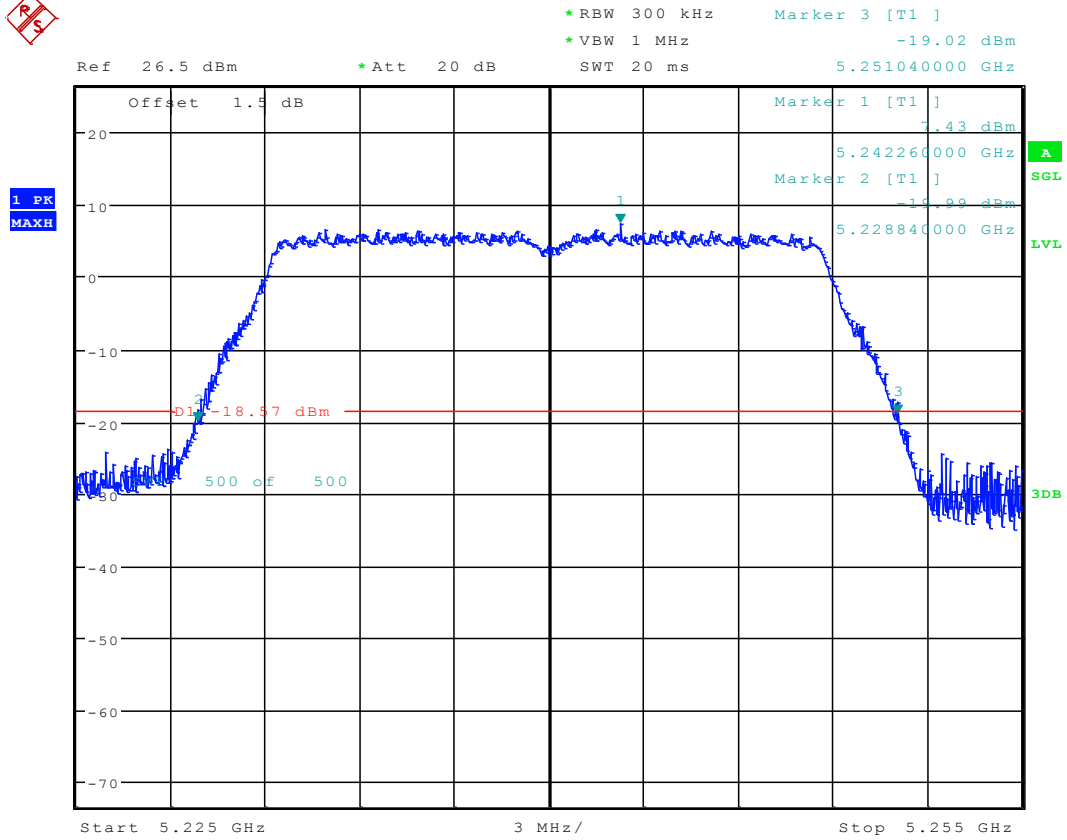
Date: 11.JAN.2018 19:19:34

### 3.30 11N20\_36 ANT 2



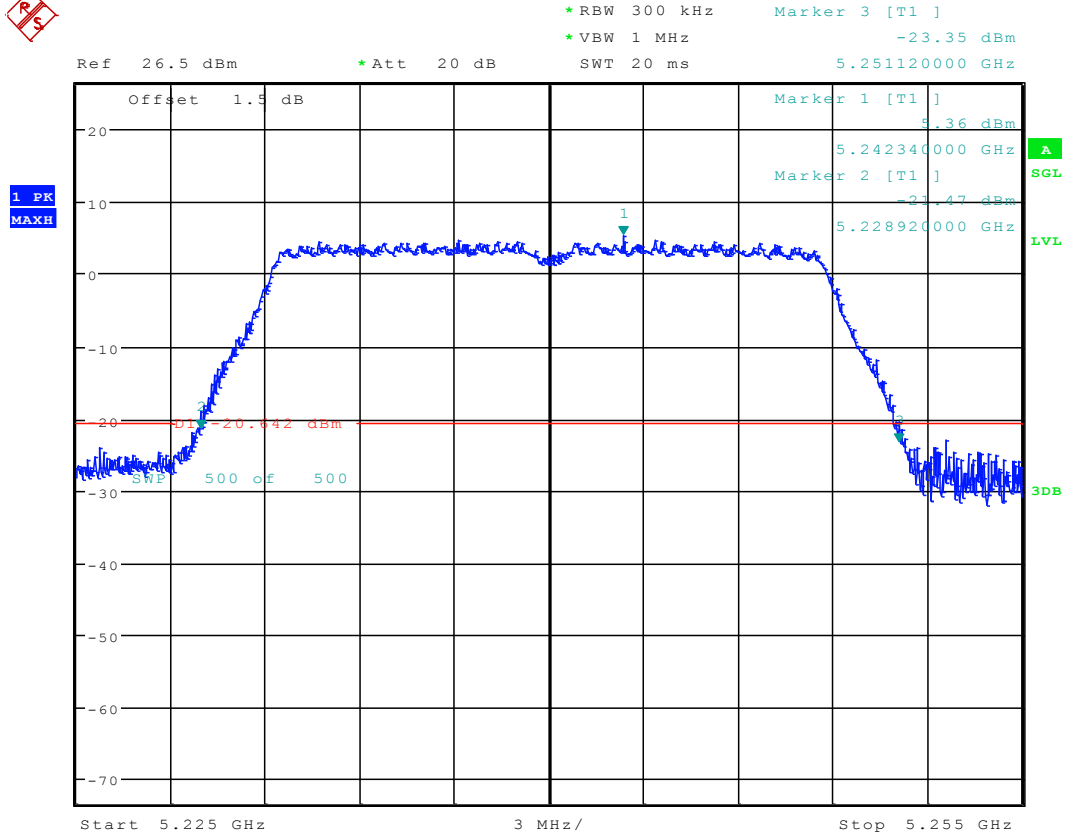
Date: 18.JAN.2018 09:28:20

### 3.31 11N20\_48 ANT 1



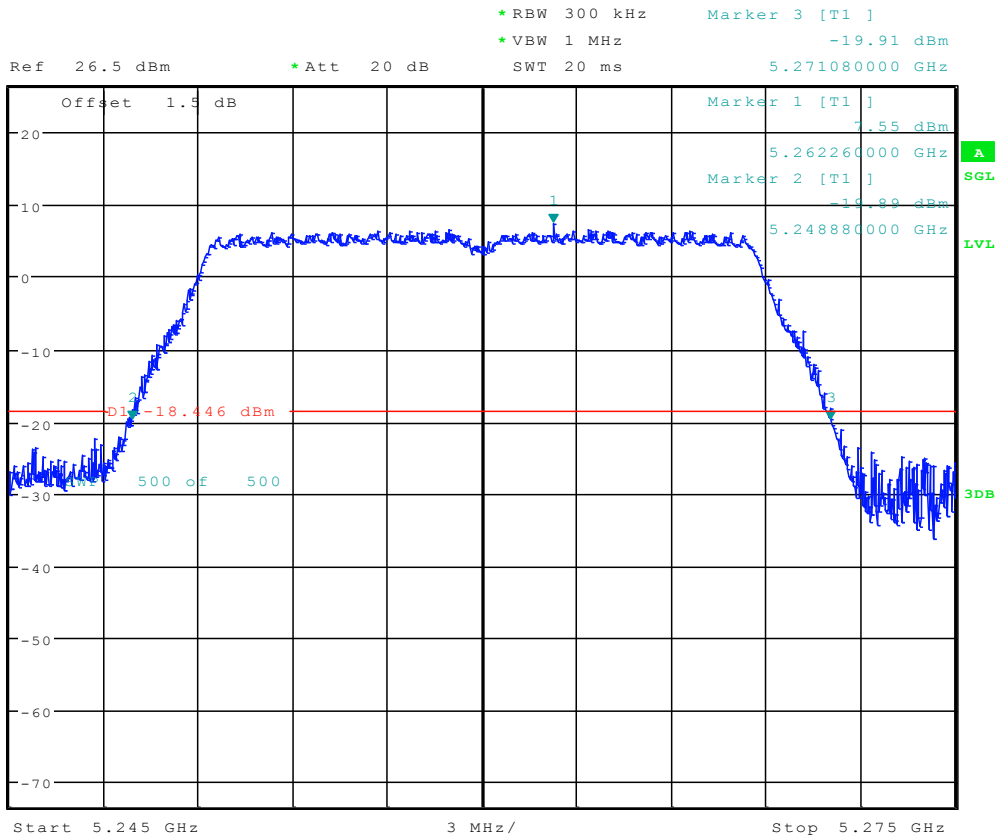
Date: 11.JAN.2018 19:22:24

### 3.32 11N20\_48 ANT 2



Date: 18.JAN.2018 09:31:49

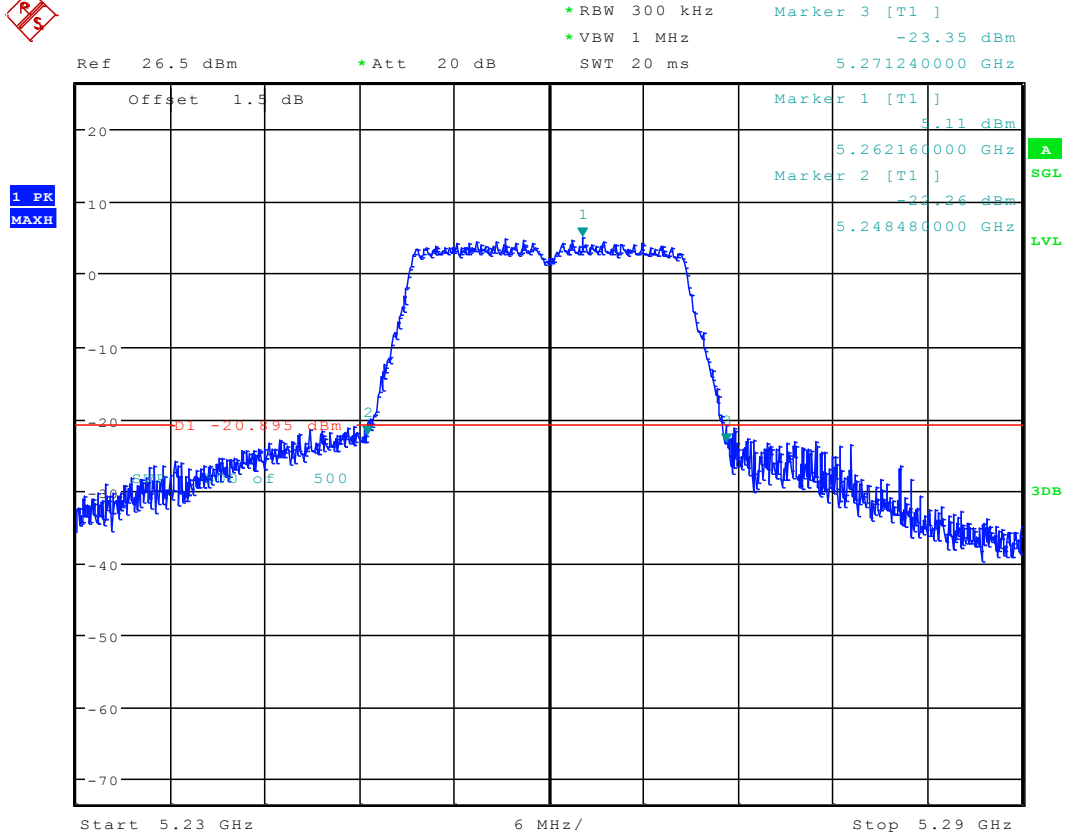
### 3.33 11N20\_52 ANT 1



Date: 11.JAN.2018 19:24:50

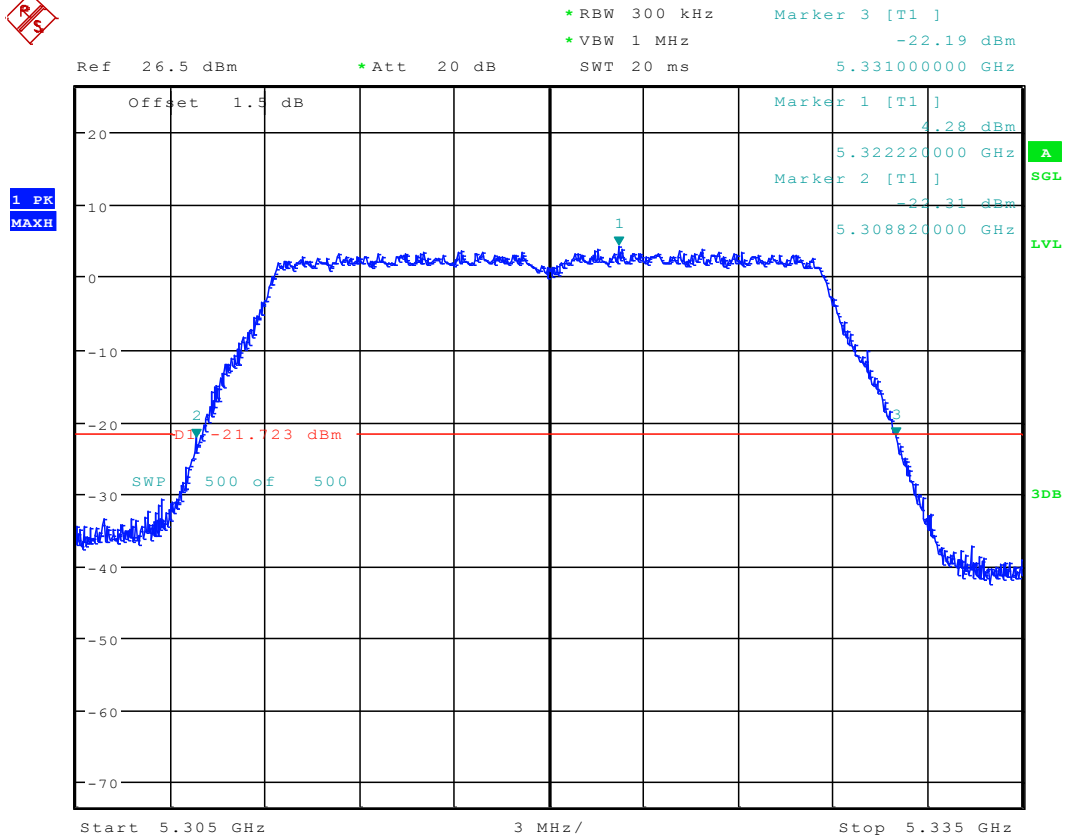


### 3.34 11N20\_52 ANT 2



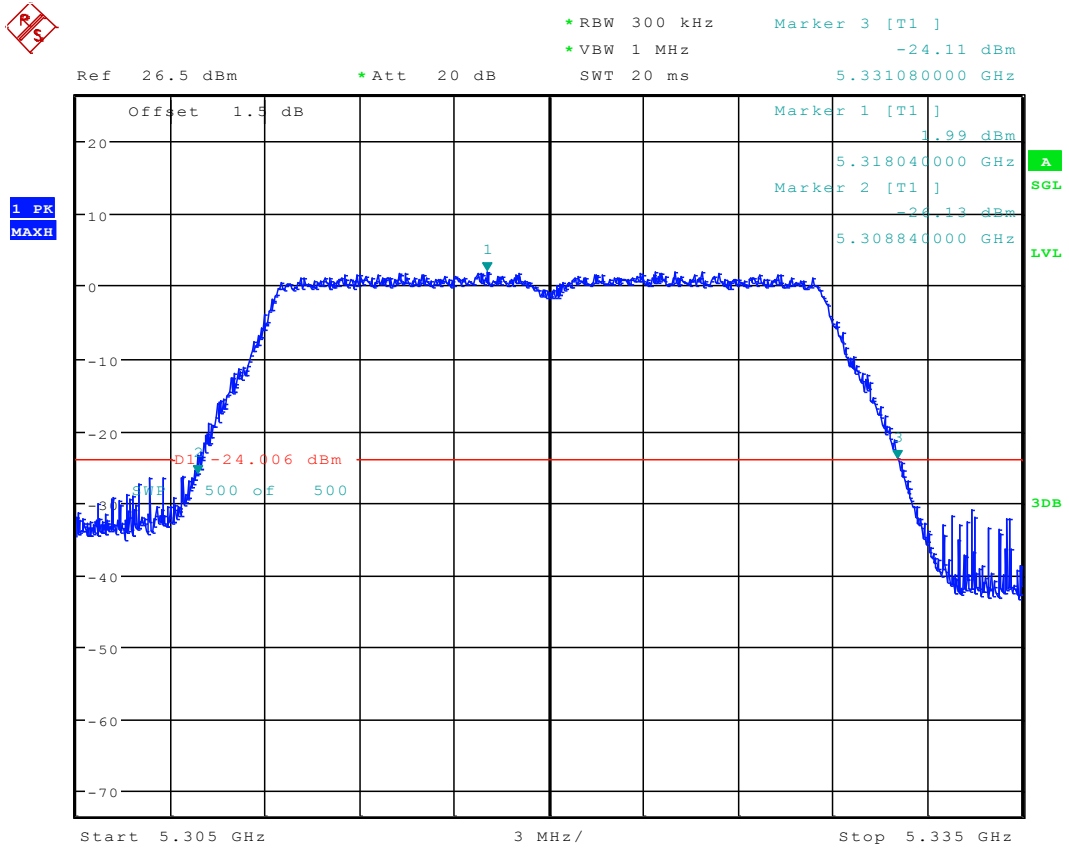
Date: 26.JAN.2018 11:28:30

### 3.35 11N20\_64 ANT 1



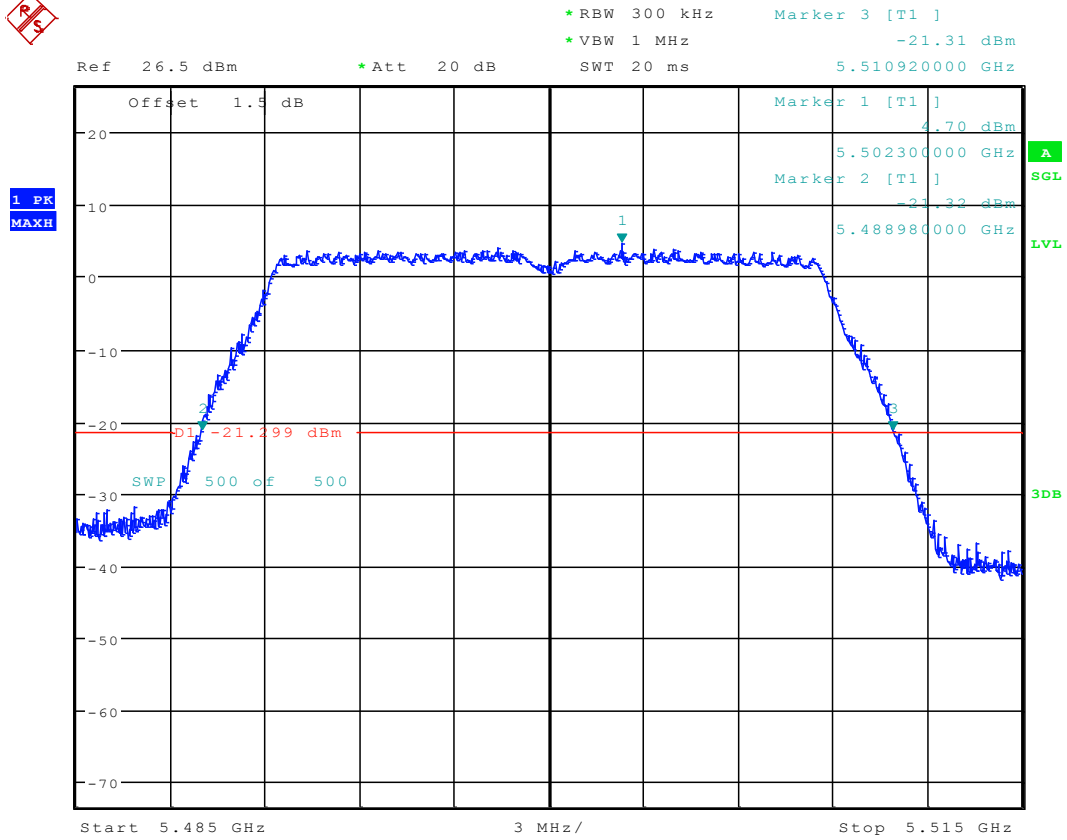
Date: 11.JAN.2018 19:27:00

### 3.36 11N20\_64 ANT 2



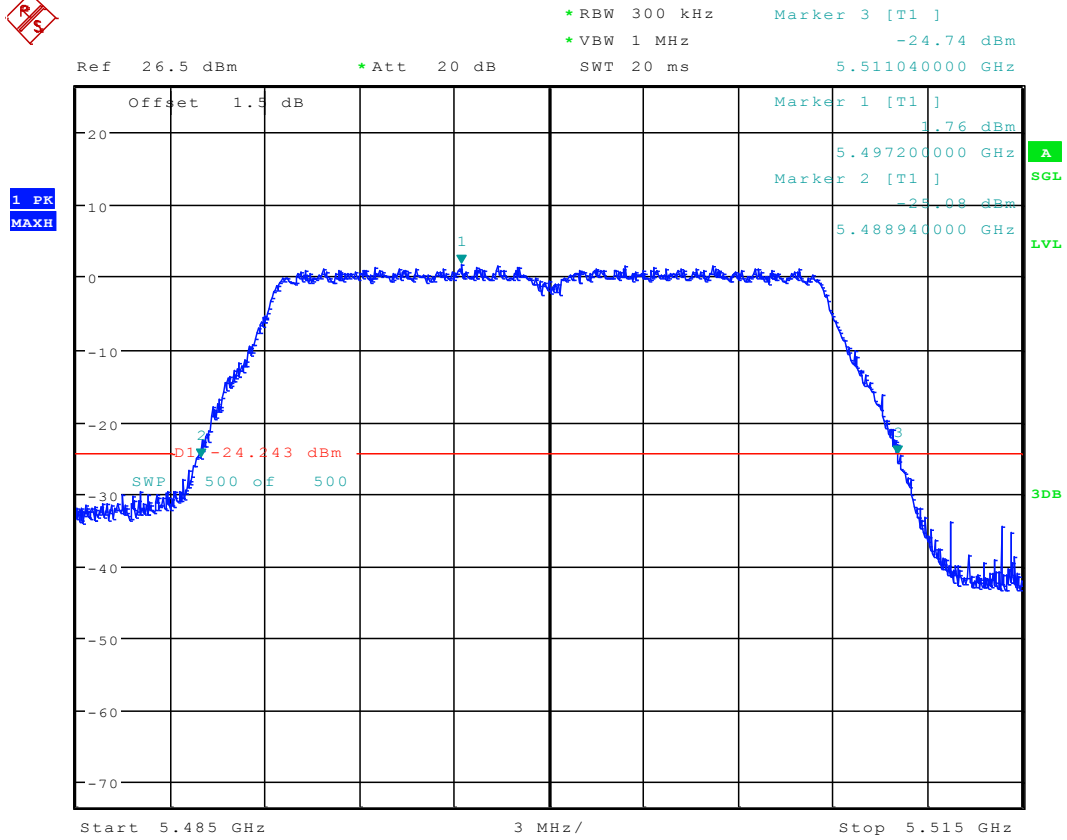
Date: 18.JAN.2018 09:46:48

### 3.37 11N20\_100 ANT 1



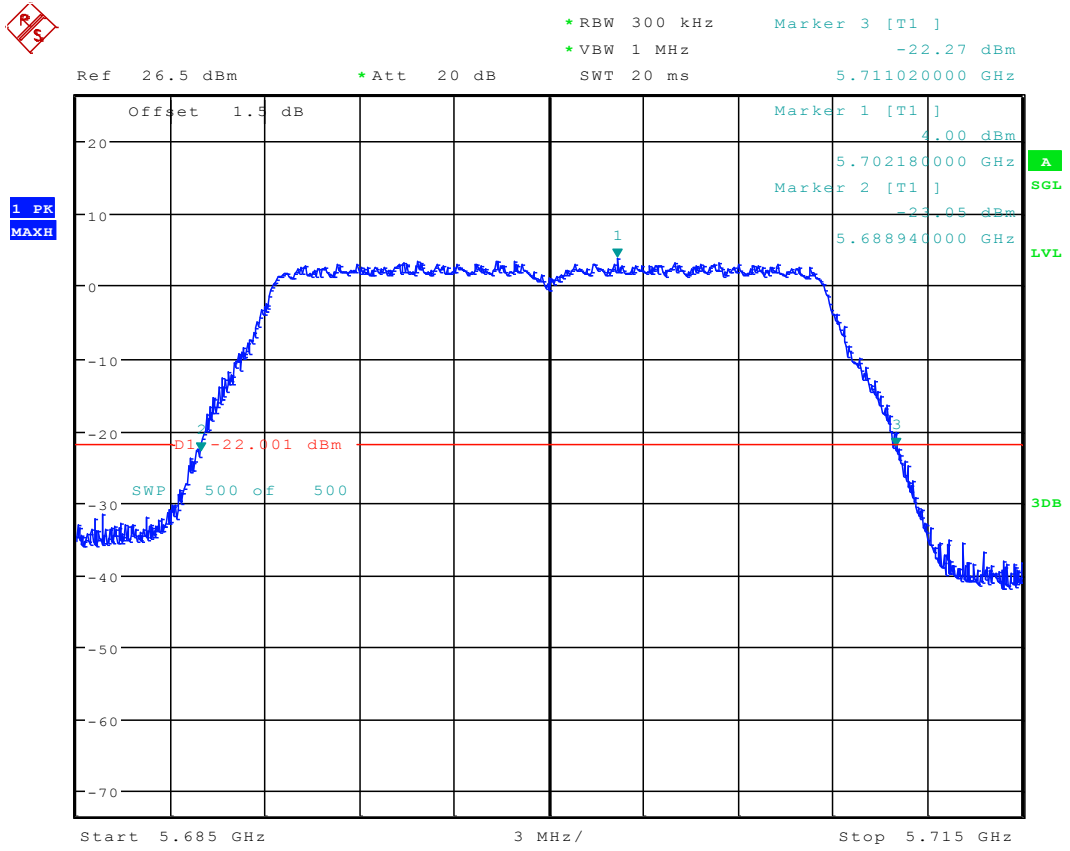
Date: 11.JAN.2018 19:29:22

### 3.38 11N20\_100 ANT 2



Date: 18.JAN.2018 09:49:12

### 3.39 11N20\_140 ANT 1

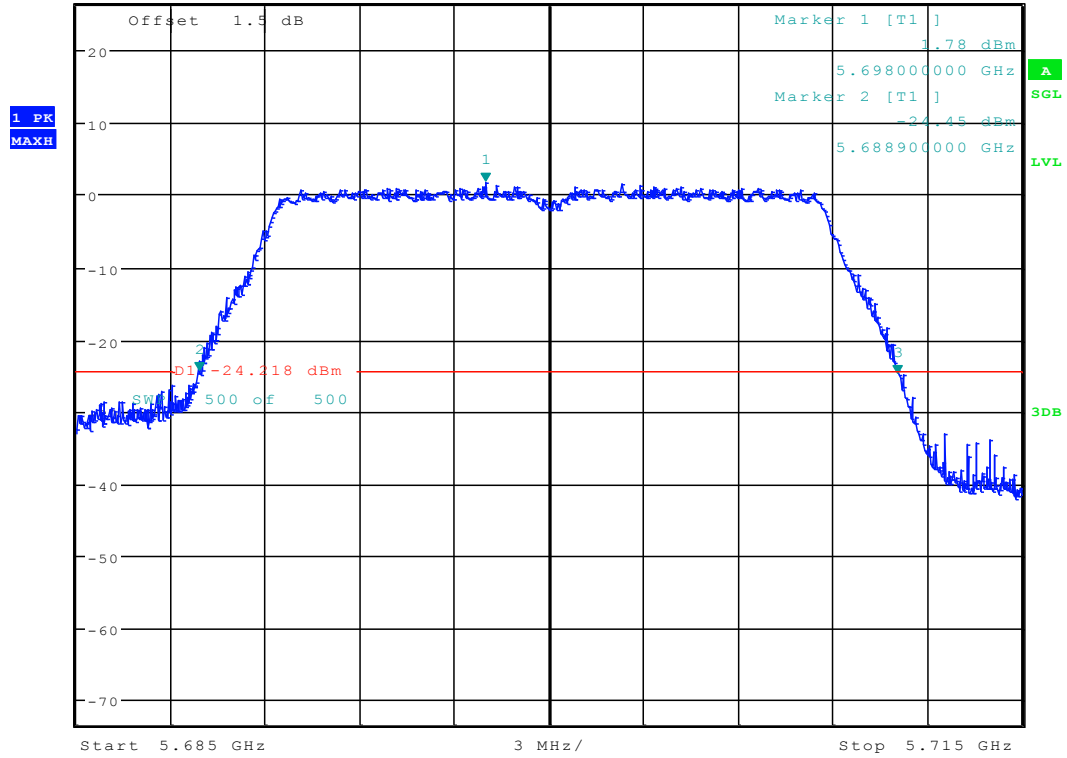


Date: 11.JAN.2018 19:31:32

### 3.40 11N20\_140 ANT 2

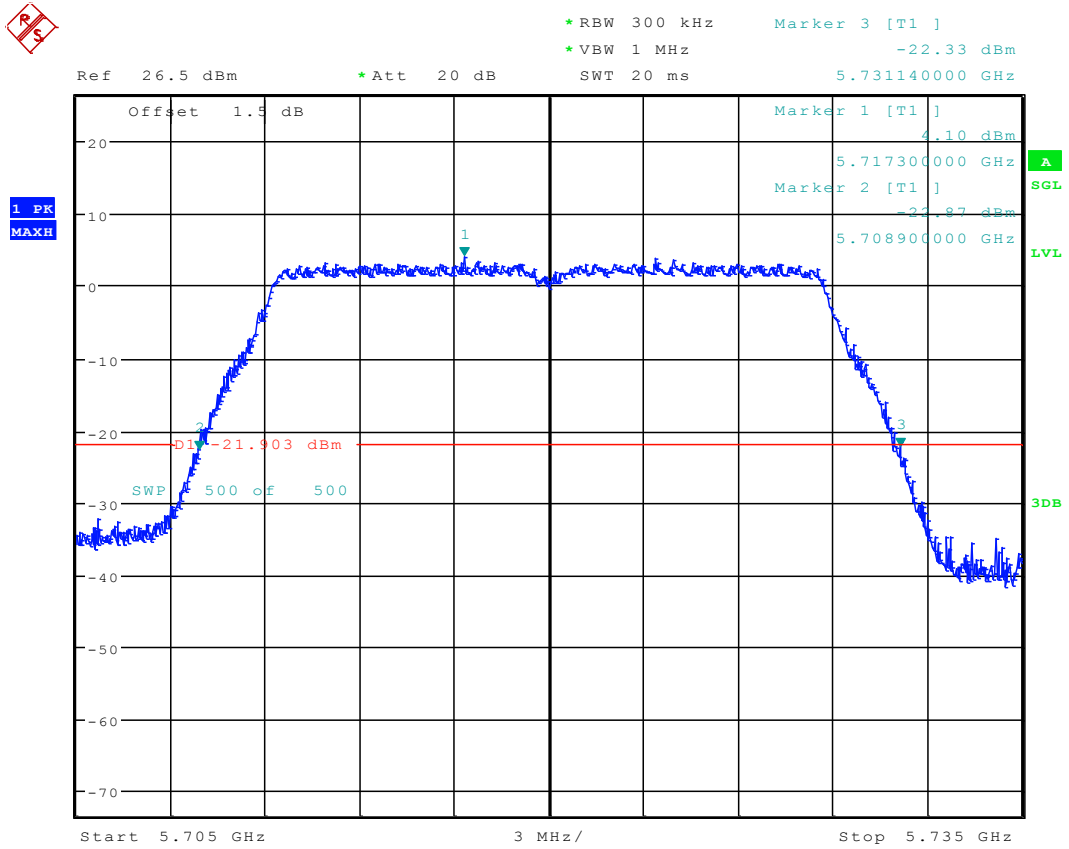


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -24.77 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.711080000 GHz



Date: 18.JAN.2018 09:51:30

## 3.41 11N20\_144 ANT 1



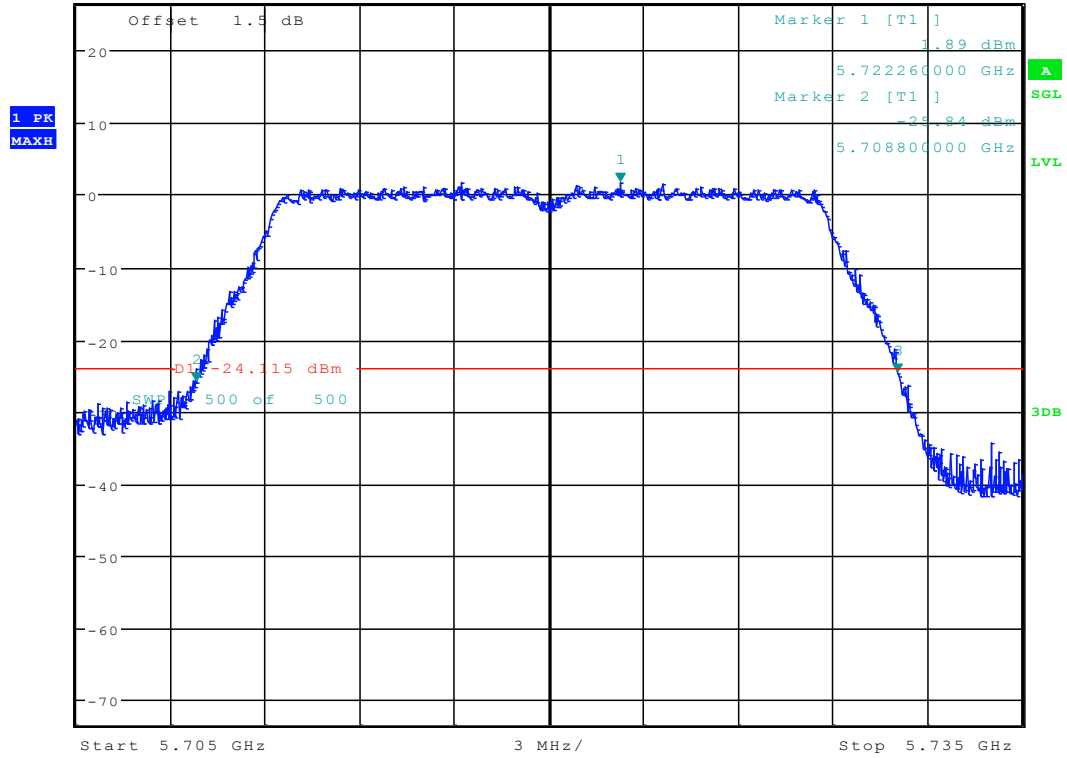
Date: 11.JAN.2018 19:33:43



### 3.42 11N20\_144 ANT 1

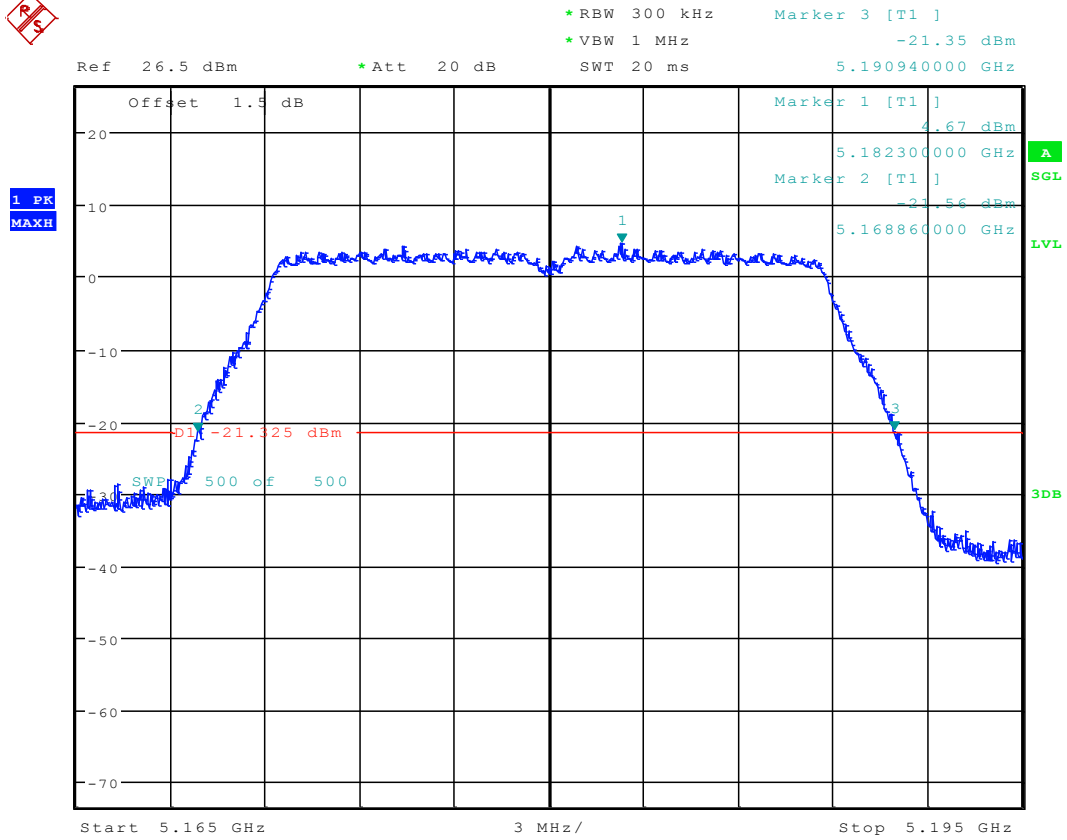


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -24.62 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.731040000 GHz



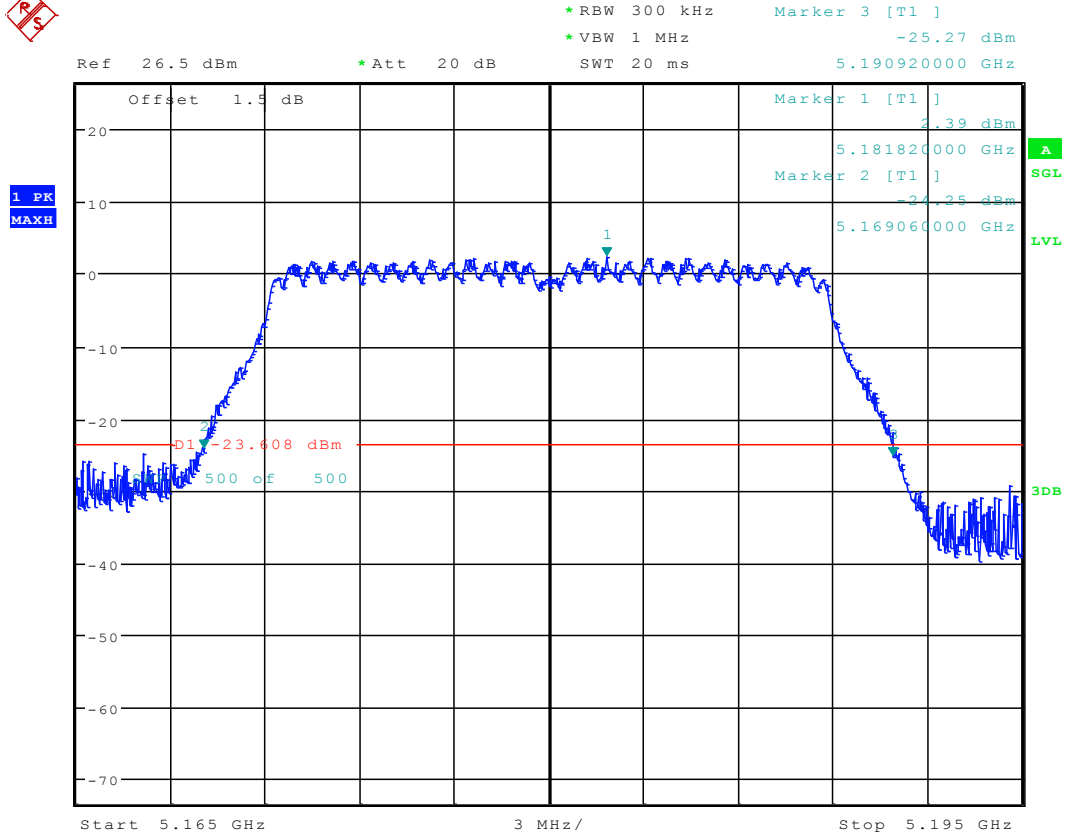
Date: 18.JAN.2018 09:53:58

### 3.43 11N20MIMO\_36 ANT 1



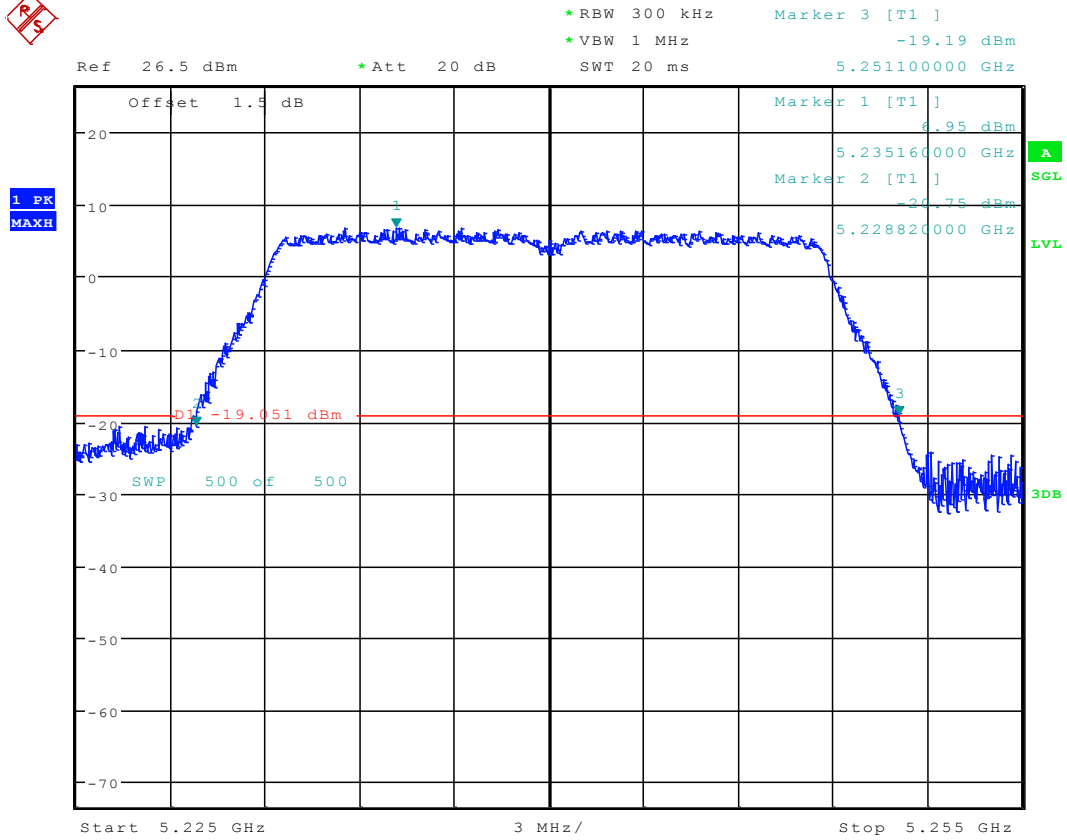
Date: 18.JAN.2018 18:19:41

### 3.44 11N20MIMO\_36 ANT 2



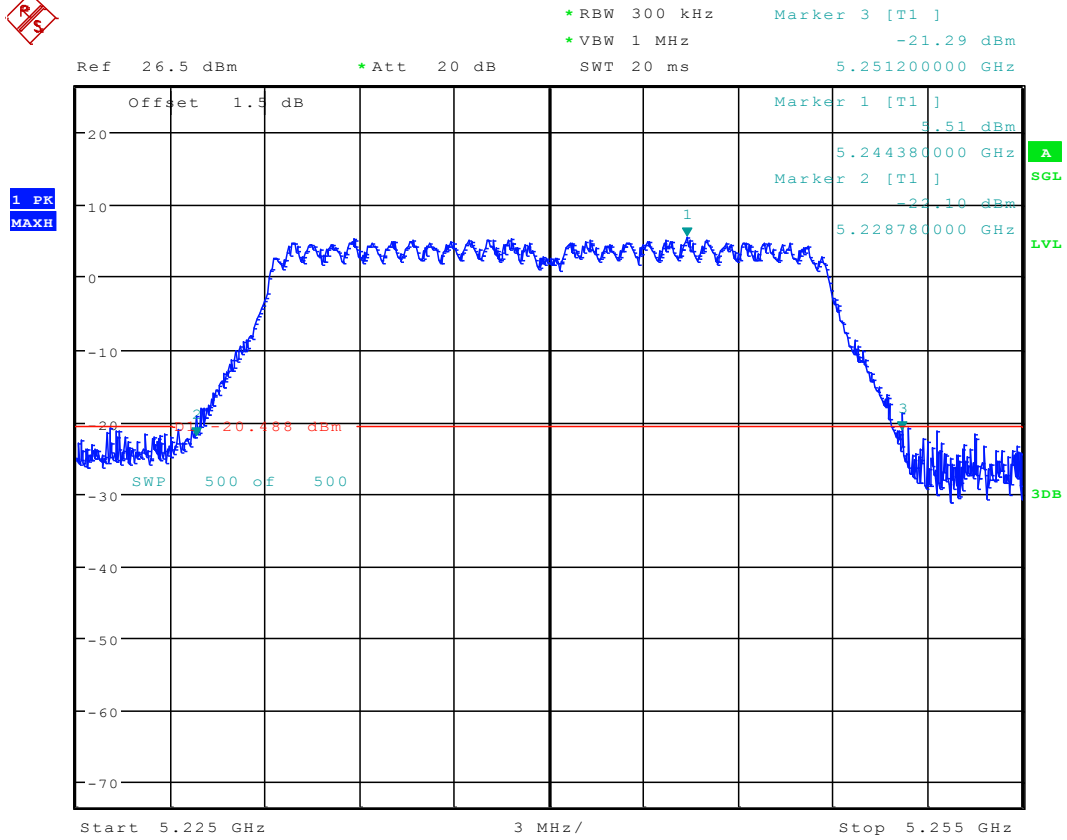
Date: 18.JAN.2018 14:31:22

### 3.45 11N20MIMO\_48 ANT 1



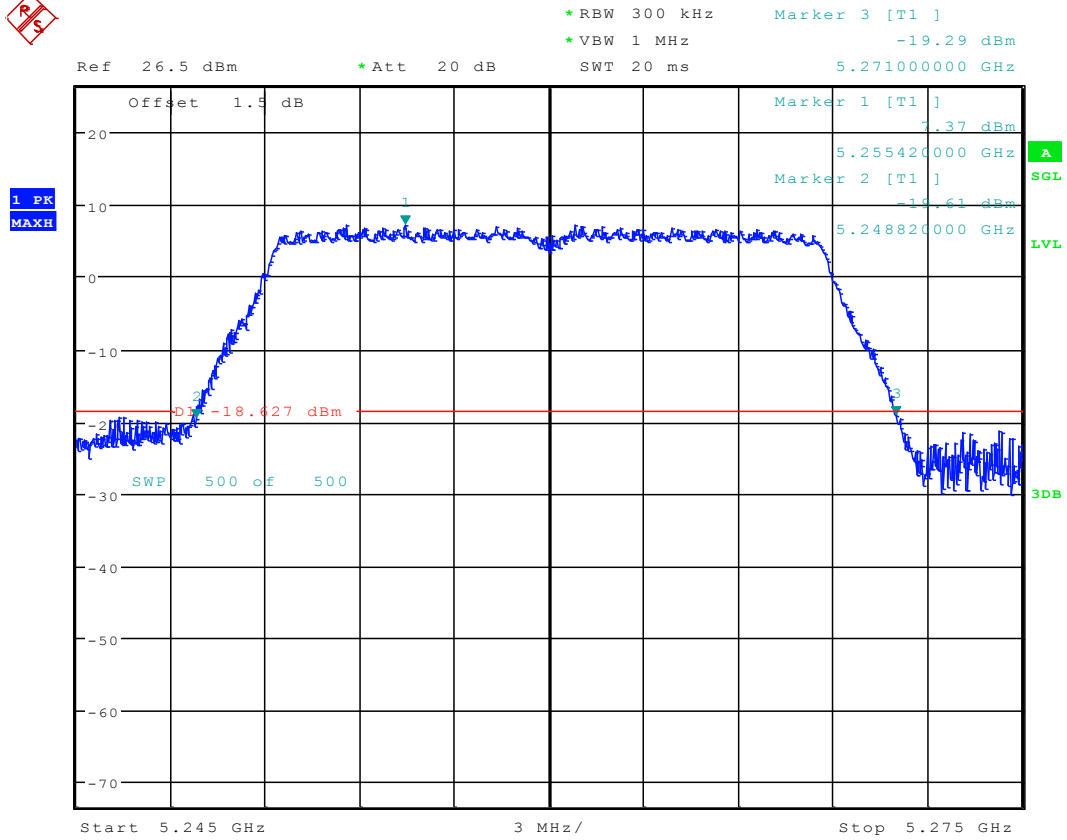
Date: 18.JAN.2018 18:22:37

### 3.46 11N20MIMO\_48 ANT 2



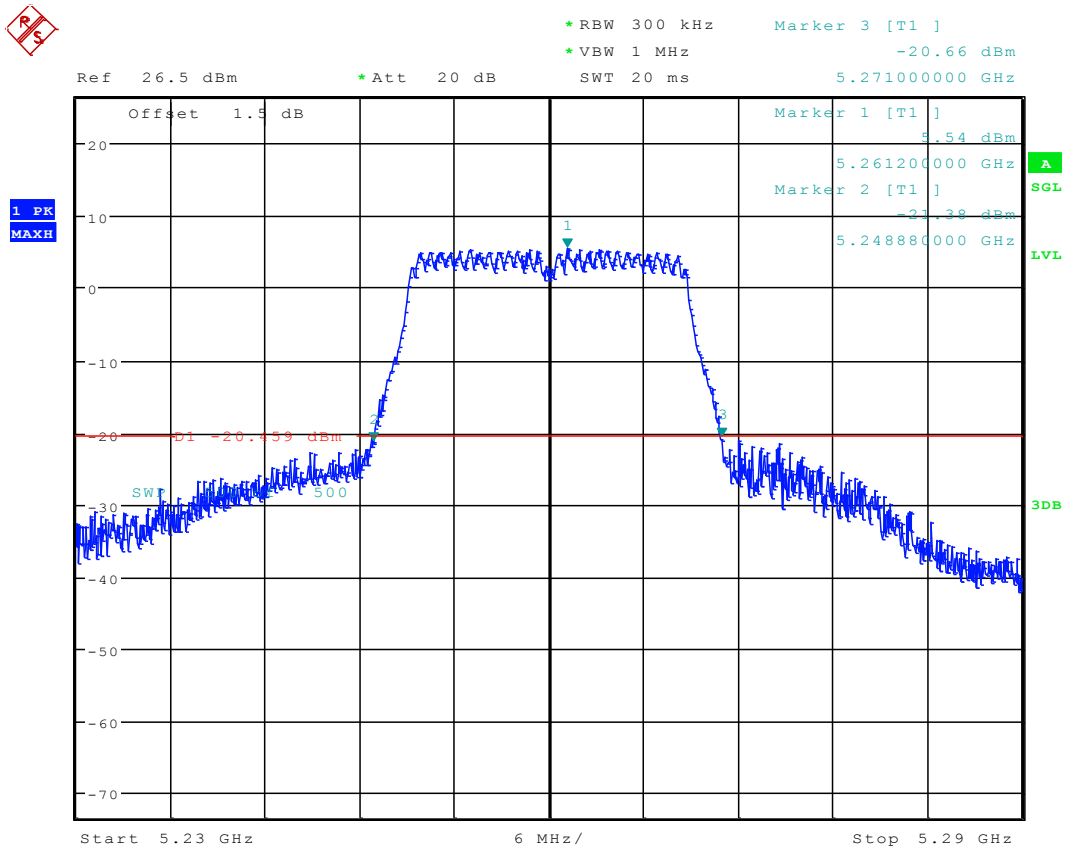
Date: 18.JAN.2018 14:53:31

### 3.47 11N20MIMO\_52 ANT 1



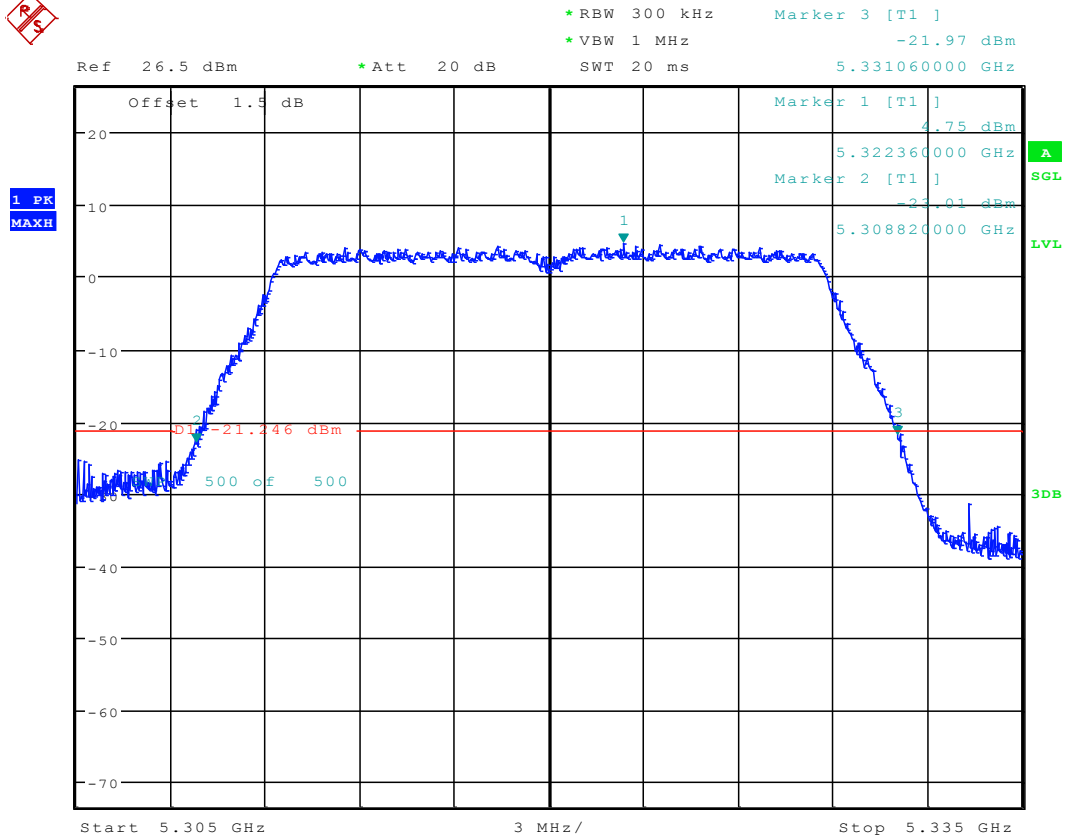
Date: 18.JAN.2018 18:29:22

## 3.48 11N20MIMO\_52 ANT 2



Date: 26.JAN.2018 11:52:24

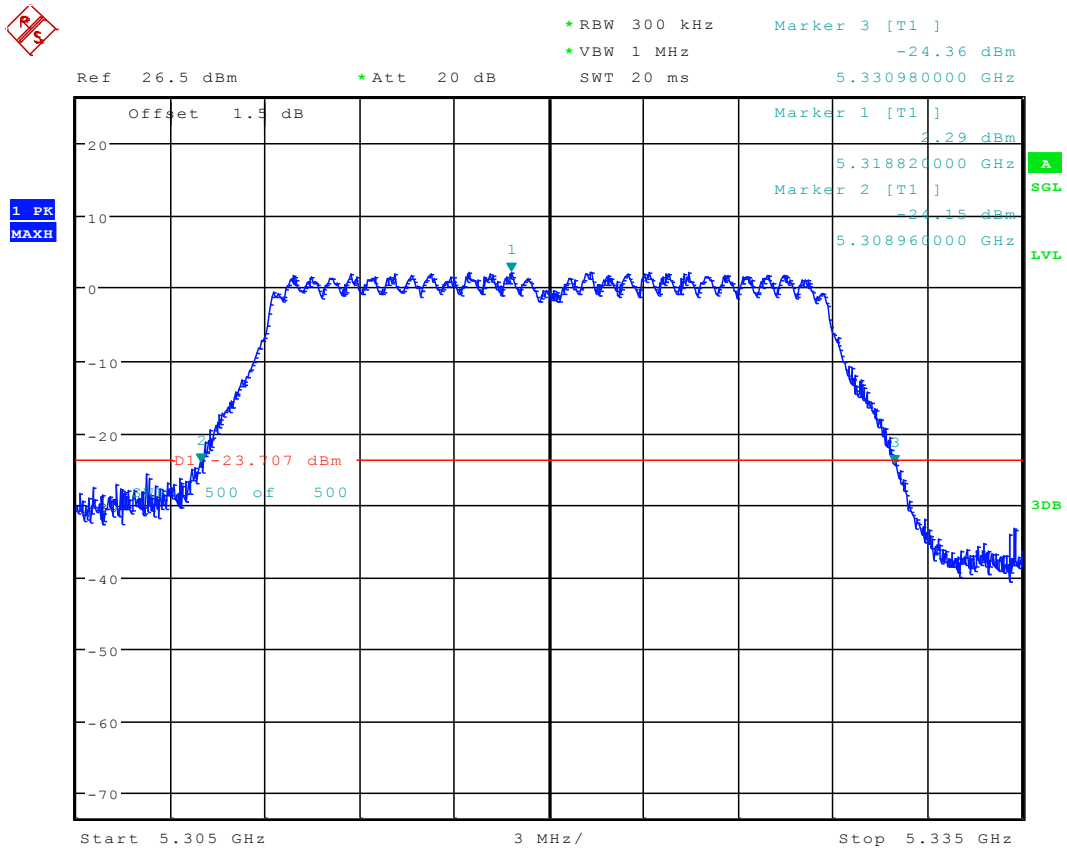
### 3.49 11N20MIMO\_64 ANT 1



Date: 18.JAN.2018 18:31:38



### 3.50 11N20MIMO\_64 ANT 2

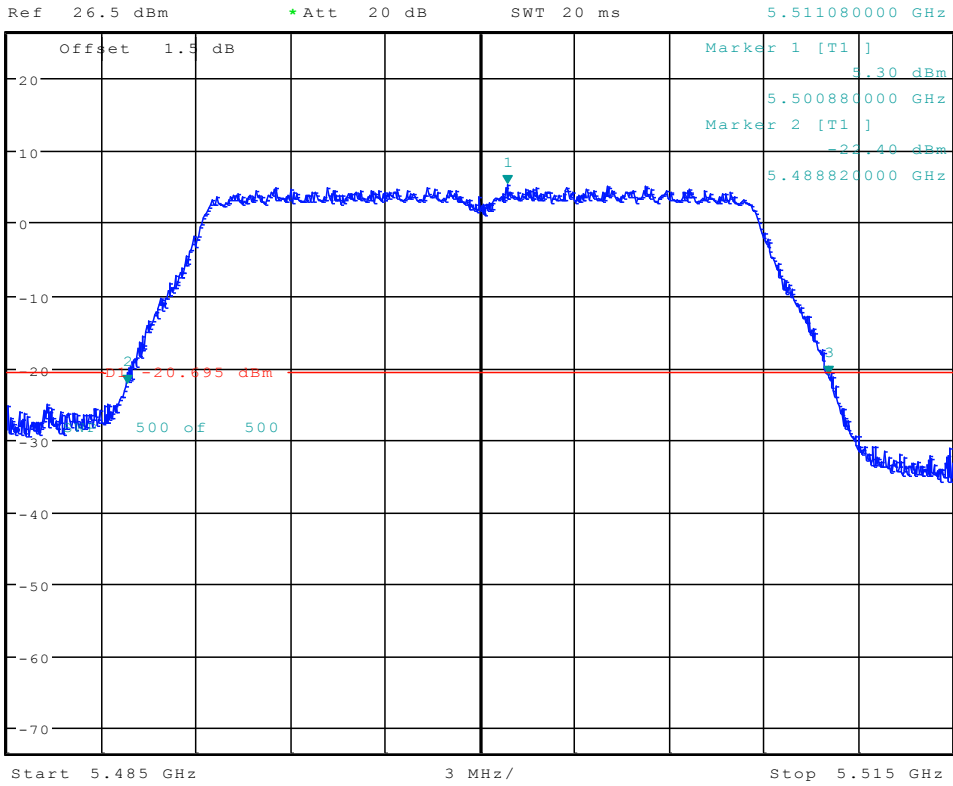


Date: 18.JAN.2018 15:04:40

### 3.51 11N20MIMO\_100 ANT 1

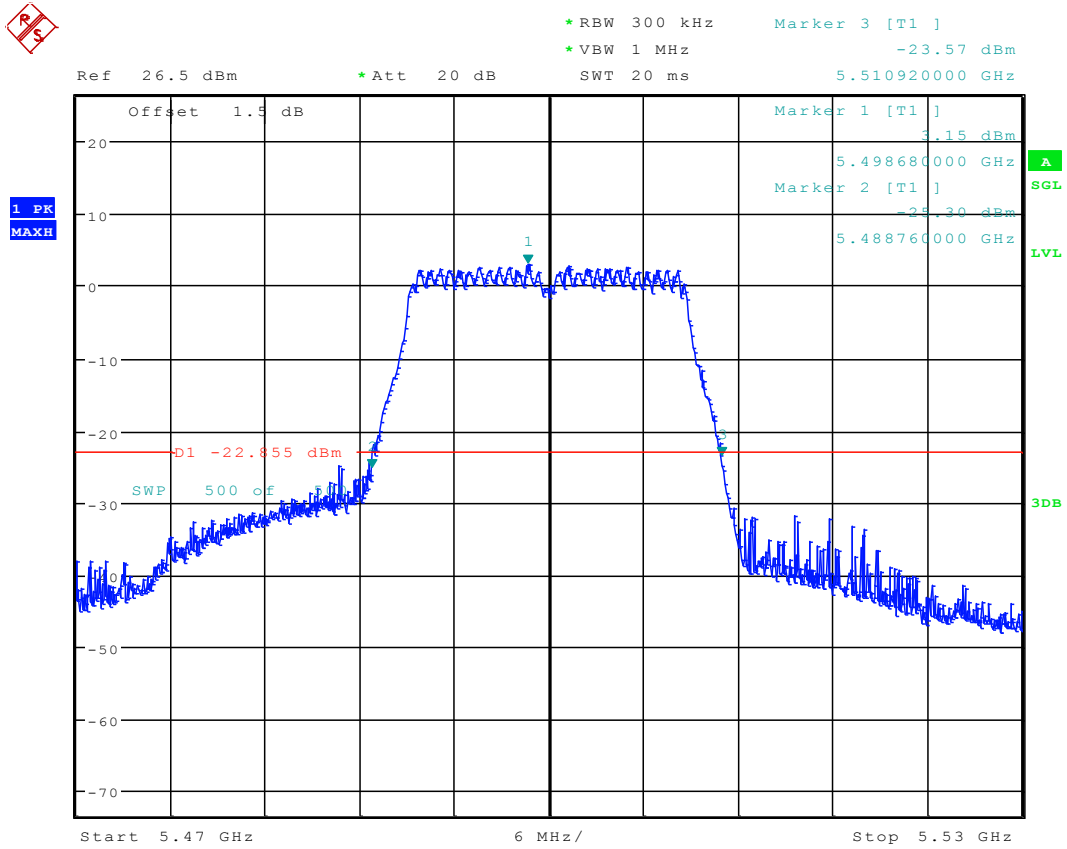


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.11 dBm  
 SWT 20 ms      5.511080000 GHz



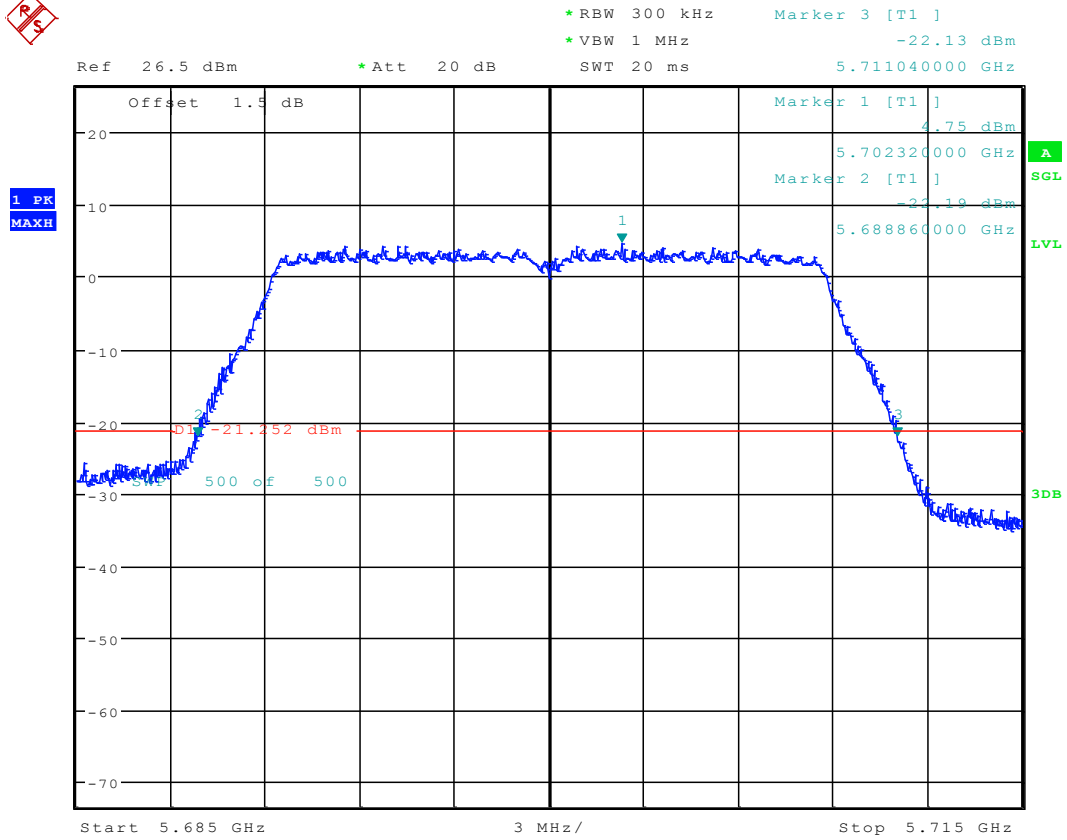
Date: 19.JAN.2018 08:58:58

### 3.52 11N20MIMO\_100 ANT 2



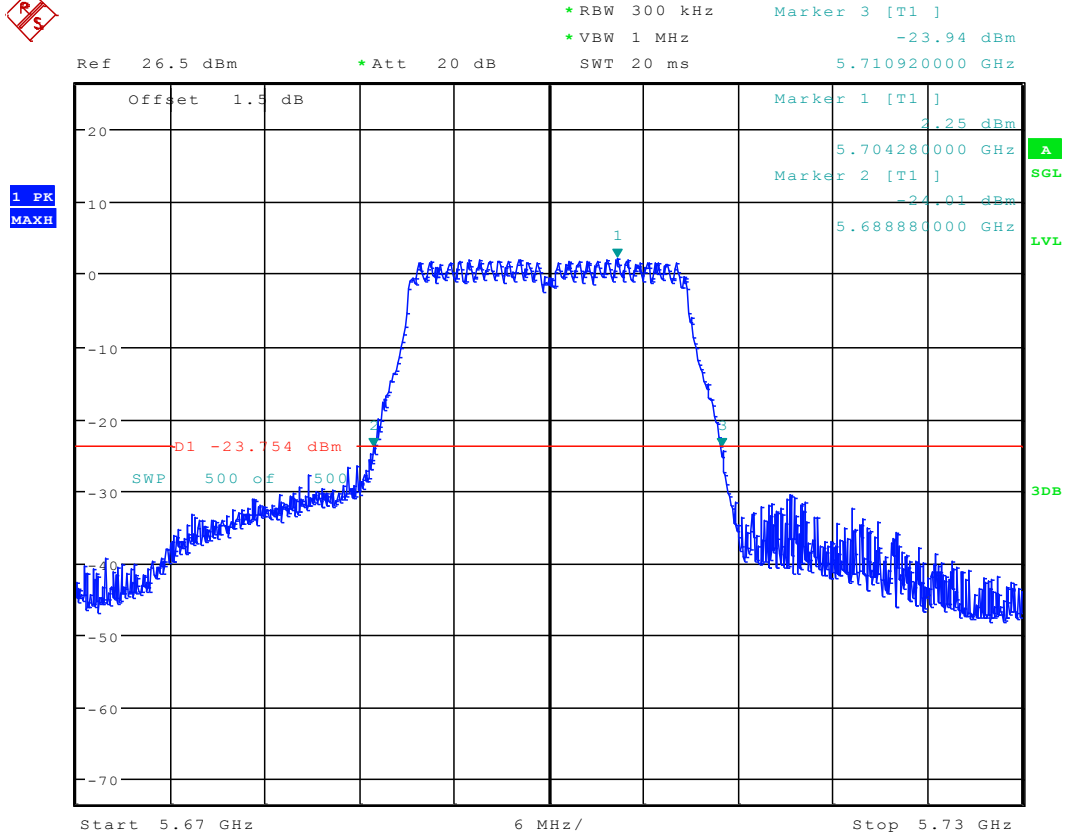
Date: 26.JAN.2018 12:03:10

### 3.53 11N20MIMO\_140 ANT 1



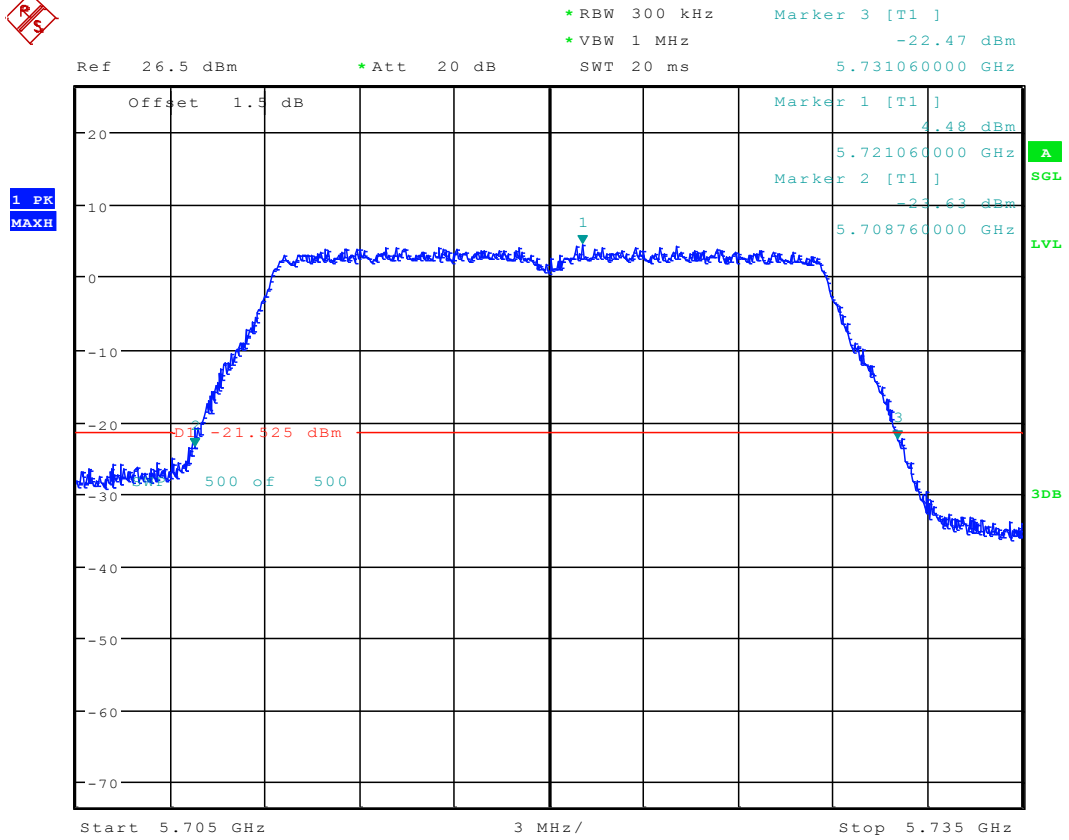
Date: 19.JAN.2018 09:18:43

### 3.54 11N20MIMO\_140 ANT 2



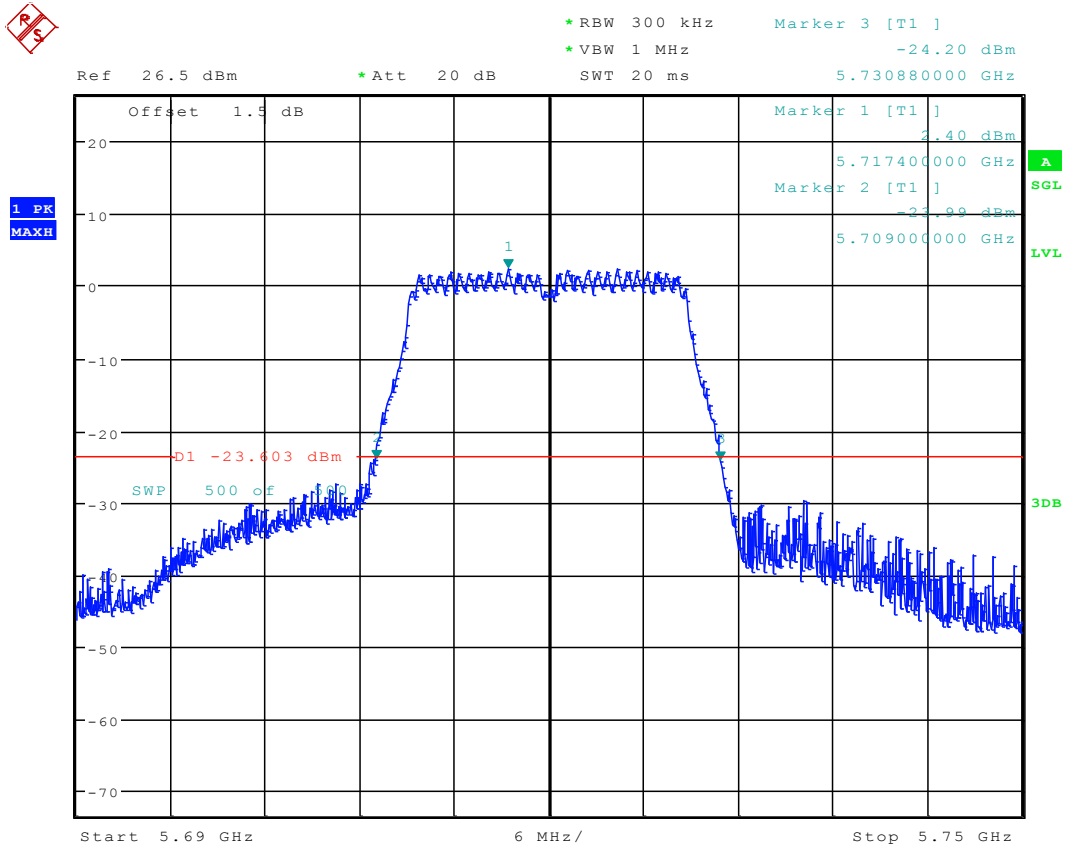
Date: 26.JAN.2018 11:31:50

## 3.55 11N20MIMO\_144 ANT 1



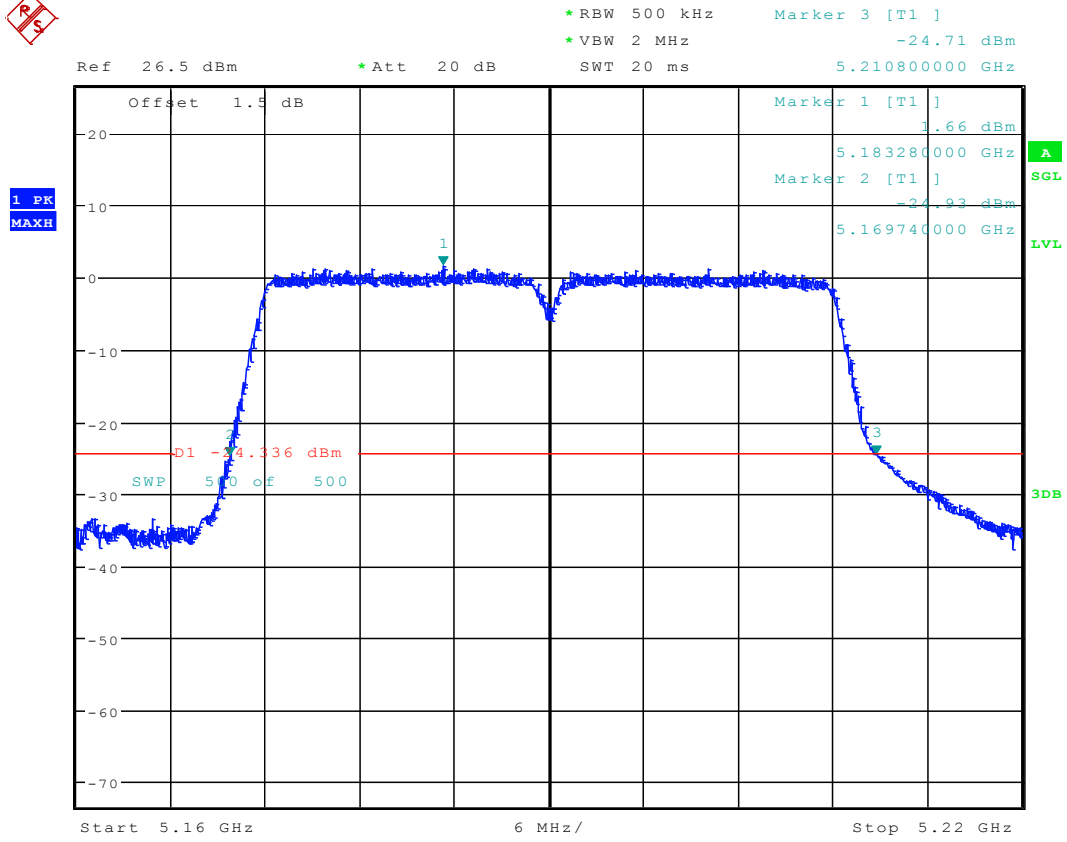
Date: 19.JAN.2018 09:21:05

### 3.56 11N20MIMO\_144 ANT 2



Date: 26.JAN.2018 11:54:42

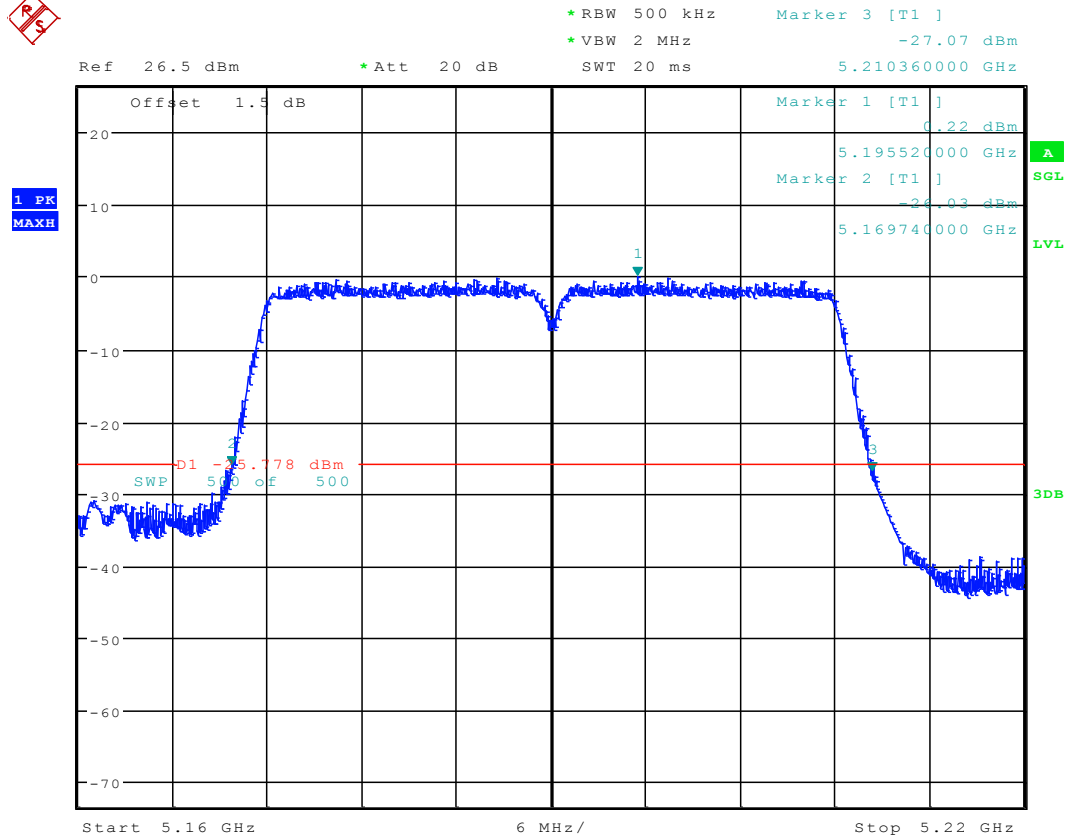
### 3.57 11N40\_38 ANT 1



Date: 12.JAN.2018 08:46:48

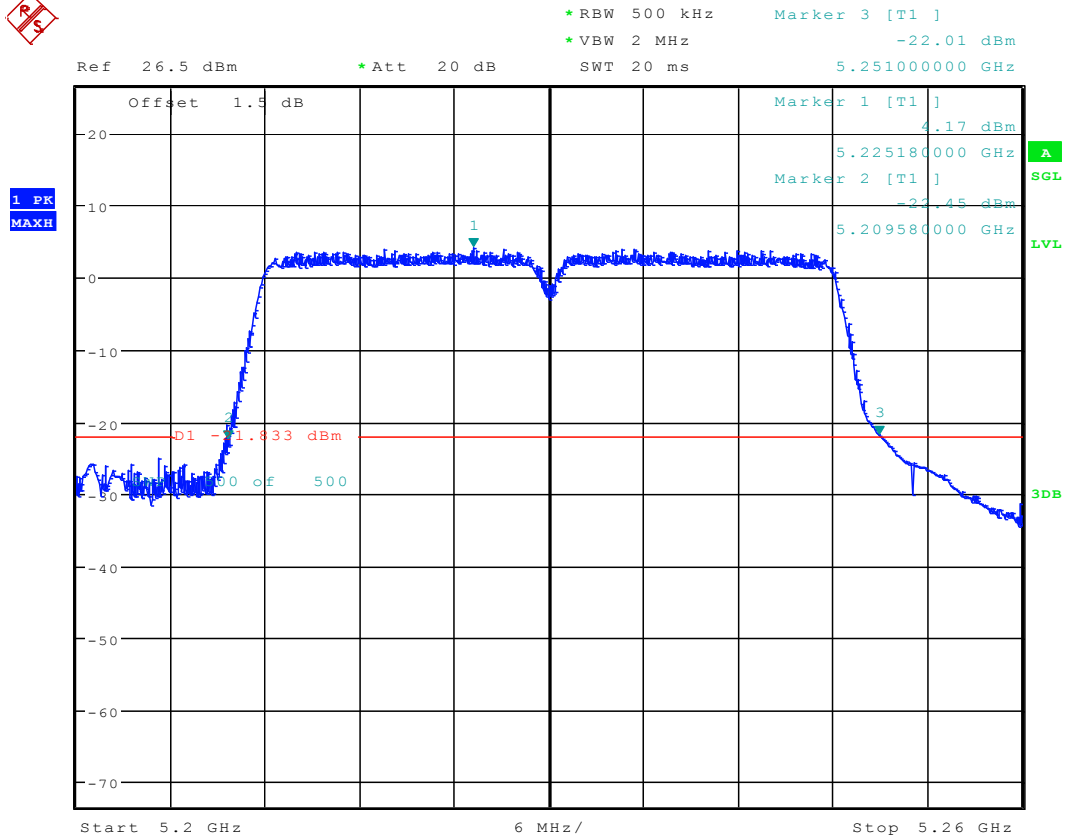


## 3.58 11N40\_38 ANT 2



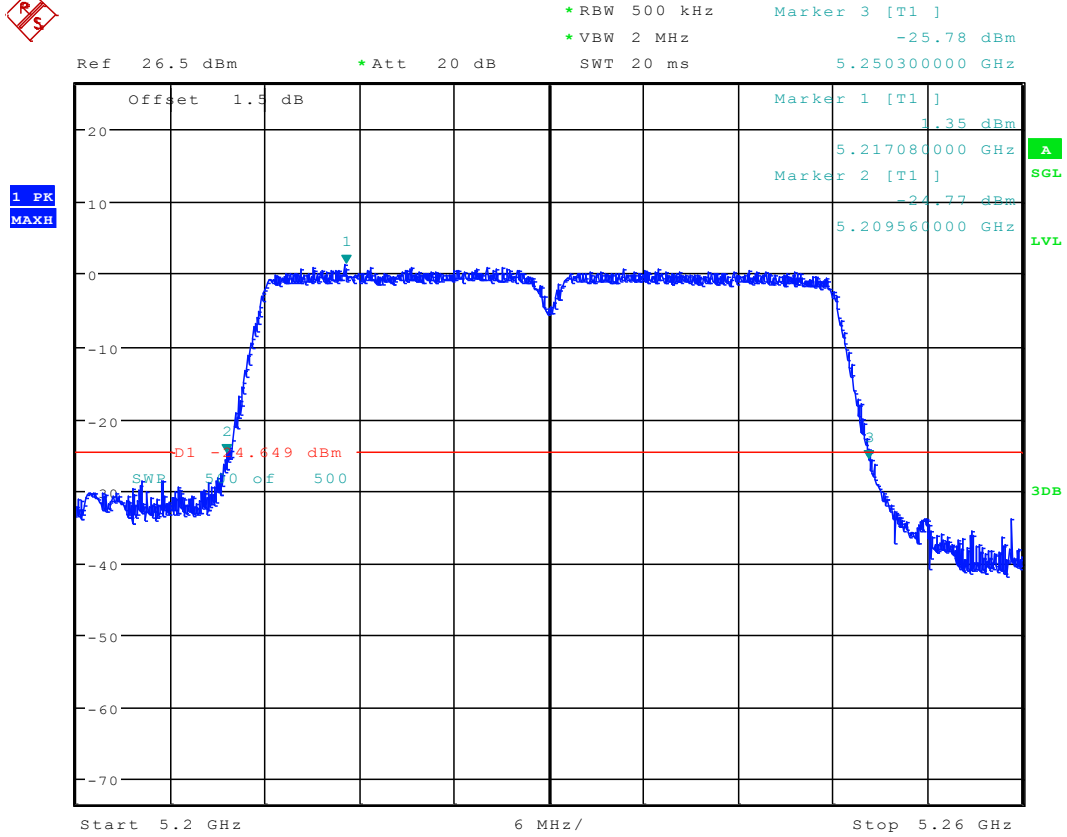
Date: 18.JAN.2018 10:36:37

### 3.59 11N40\_46 ANT 1



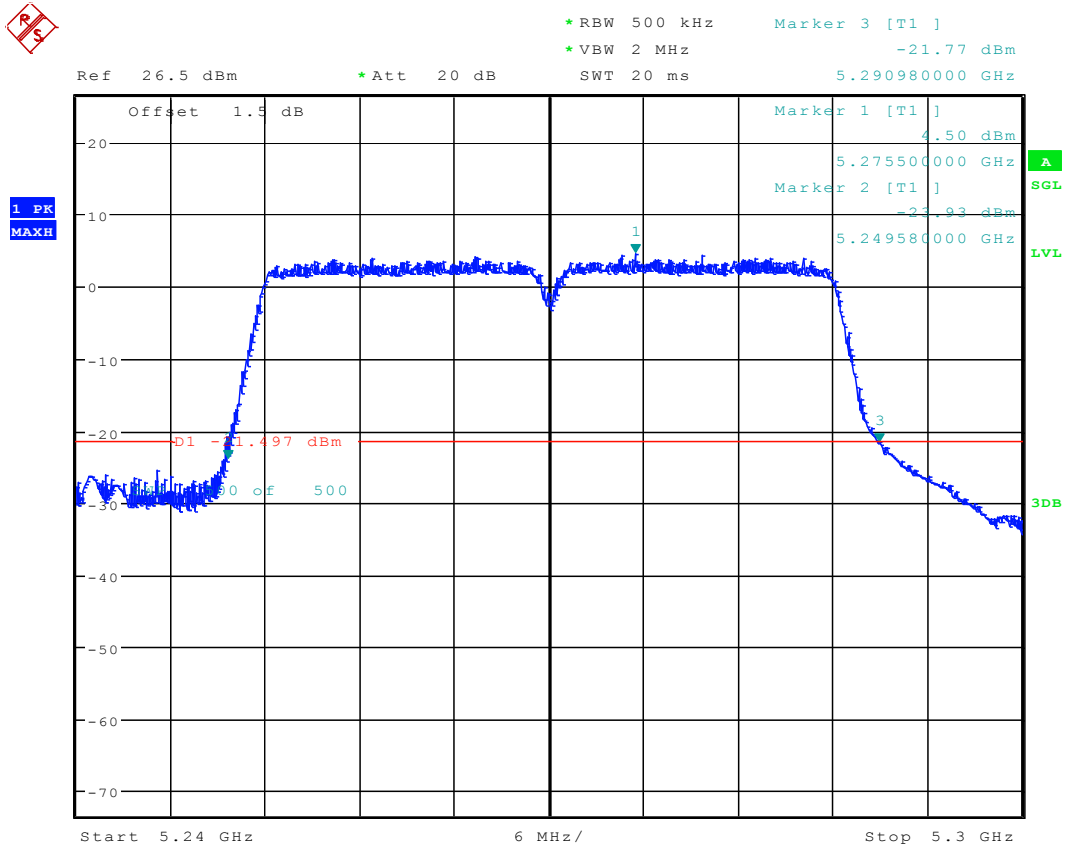
Date: 12.JAN.2018 08:49:55

### 3.60 11N40\_46 ANT 2



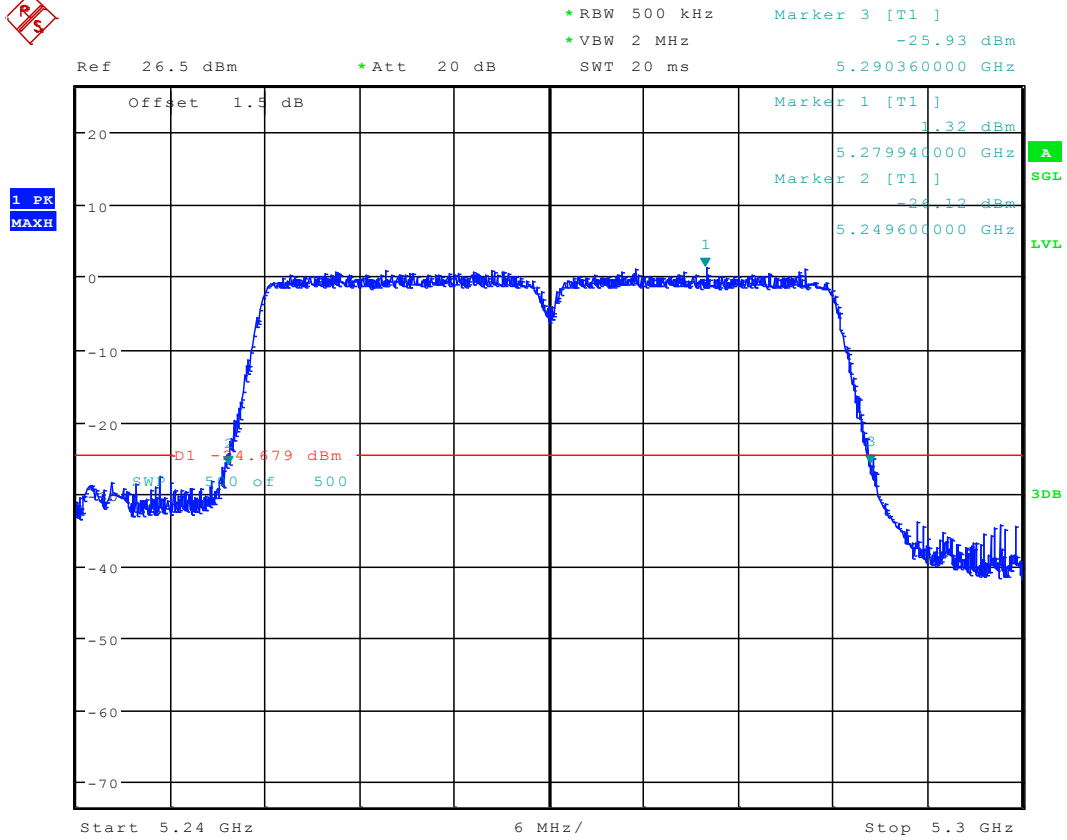
Date: 18.JAN.2018 10:38:59

### 3.61 11N40\_54 ANT 1



Date: 12.JAN.2018 08:53:12

### 3.62 11N40\_54 ANT 2

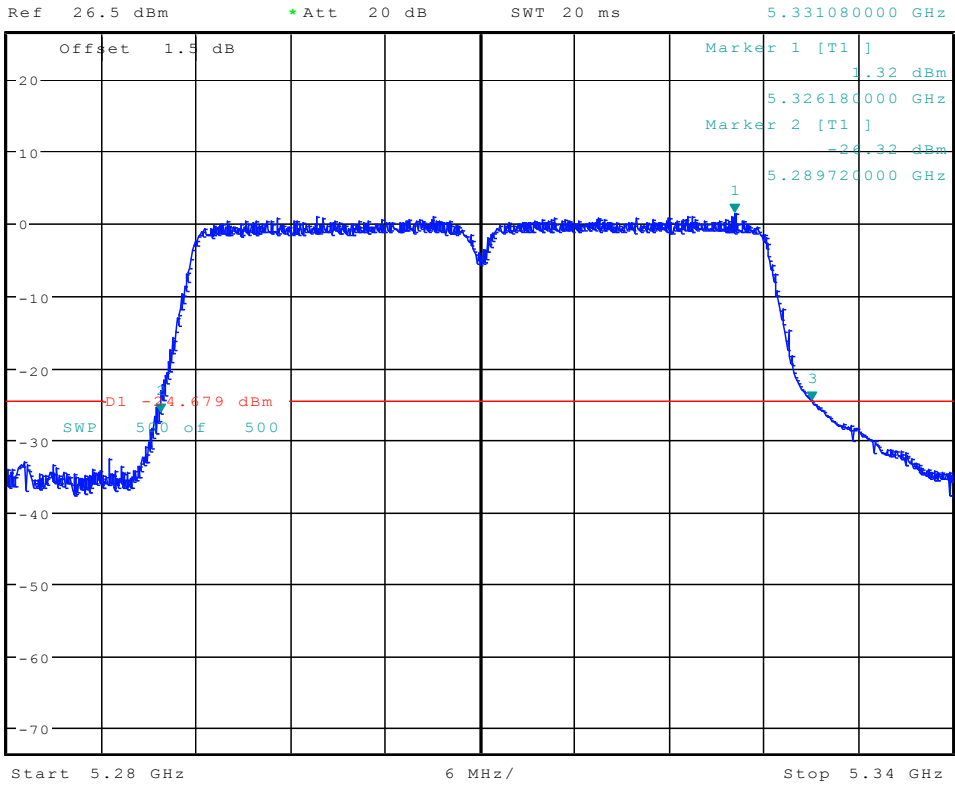


Date: 18.JAN.2018 10:41:27

### 3.63 11N40\_62 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -24.71 dBm  
 SWT 20 ms      5.331080000 GHz

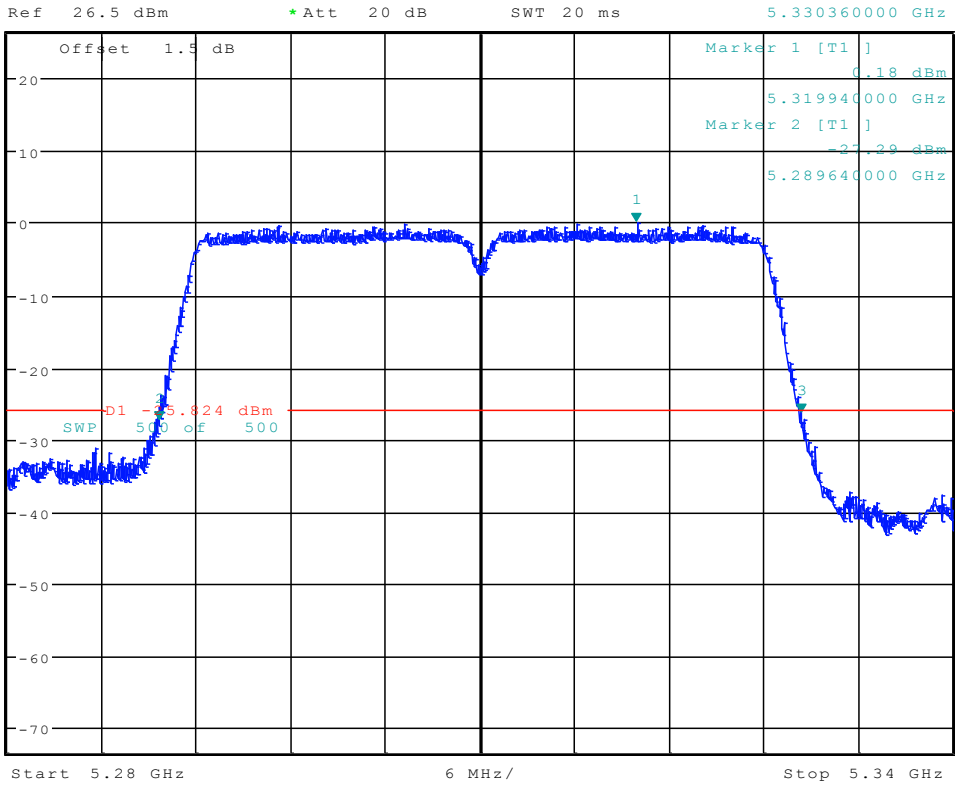


Date: 12.JAN.2018 09:14:10

### 3.64 11N40\_62 ANT 2



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -26.38 dBm  
 SWT 20 ms      5.330360000 GHz

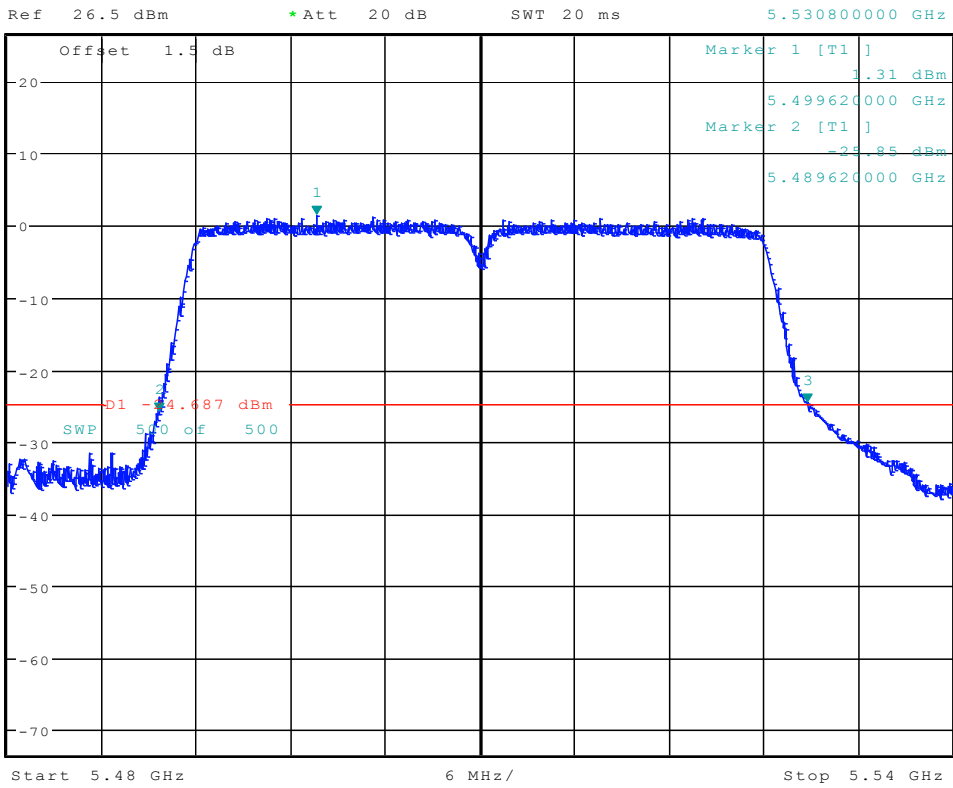


Date: 18.JAN.2018 10:45:21

### 3.65 11N40\_102 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -24.69 dBm  
 SWT 20 ms      5.530800000 GHz



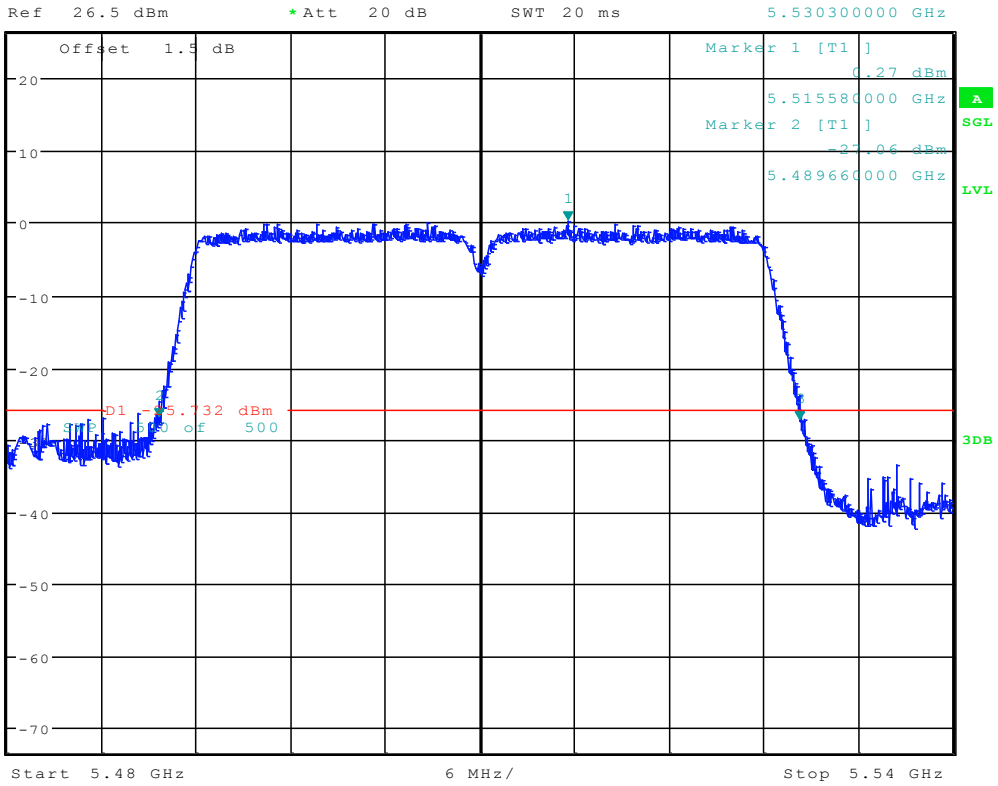
Date: 12.JAN.2018 09:16:26



### 3.66 11N40\_102 ANT 2

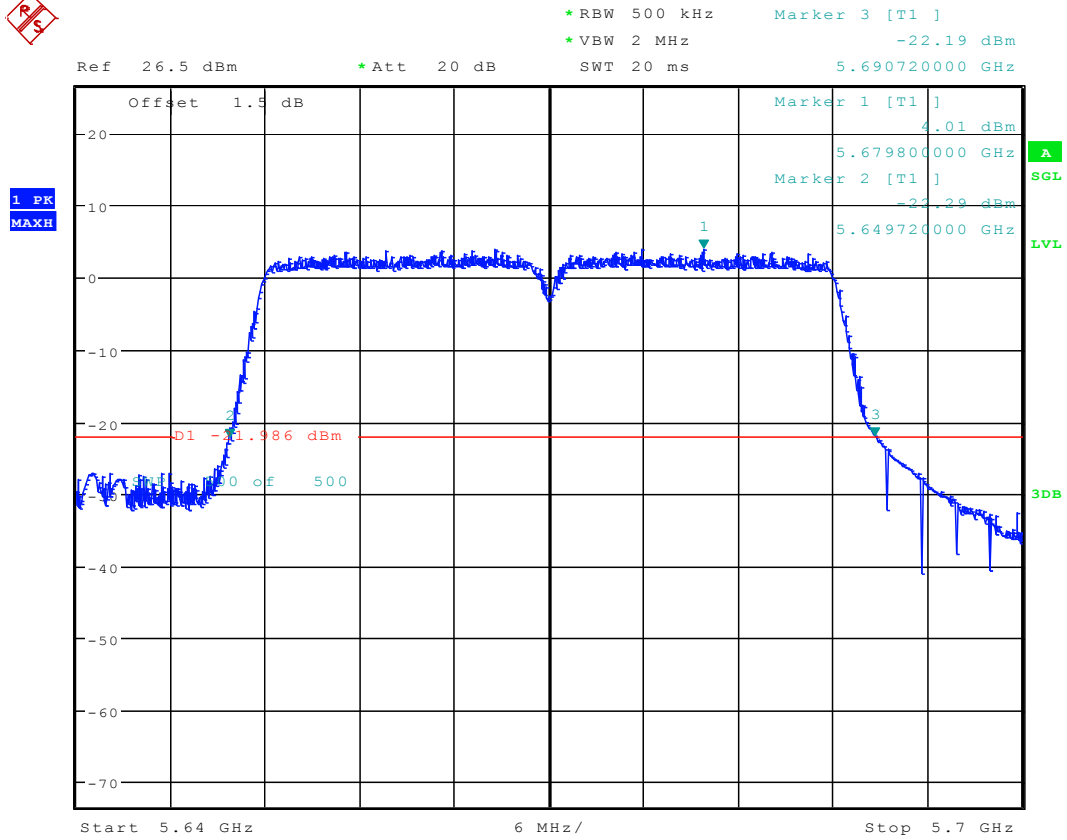


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -27.38 dBm  
 SWT 20 ms      5.530300000 GHz



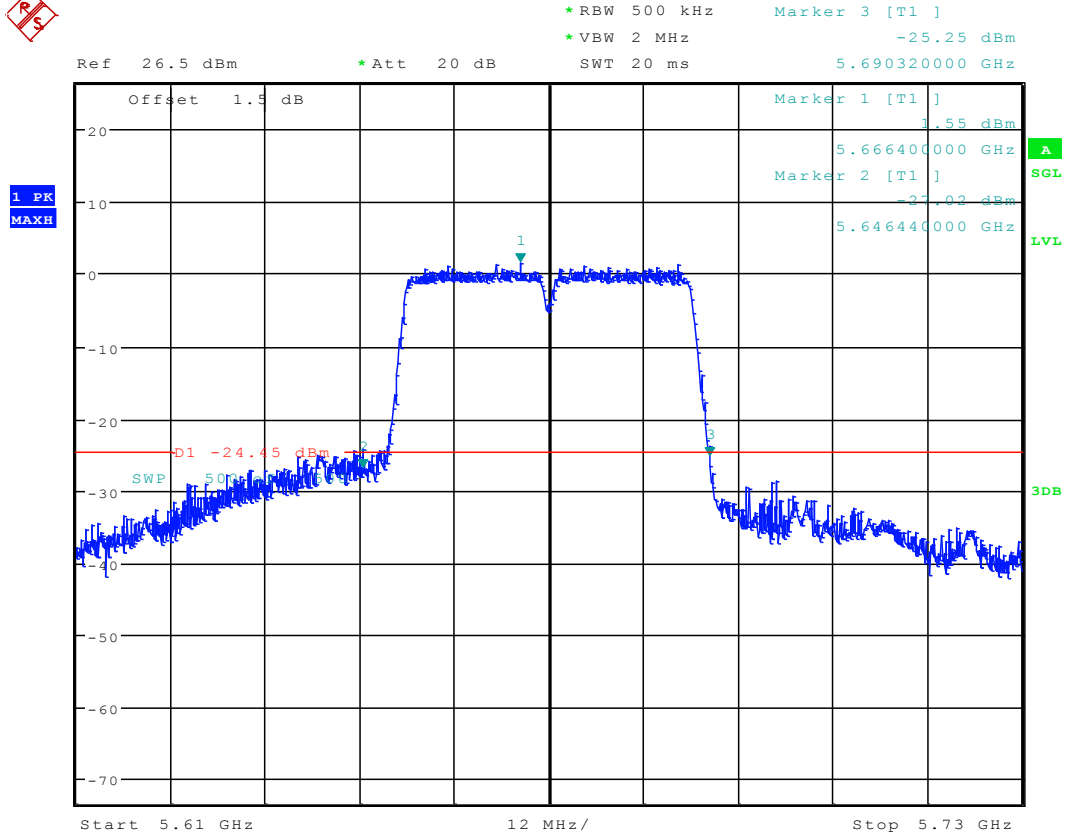
Date: 18.JAN.2018 10:47:54

### 3.67 11N40\_134 ANT 1



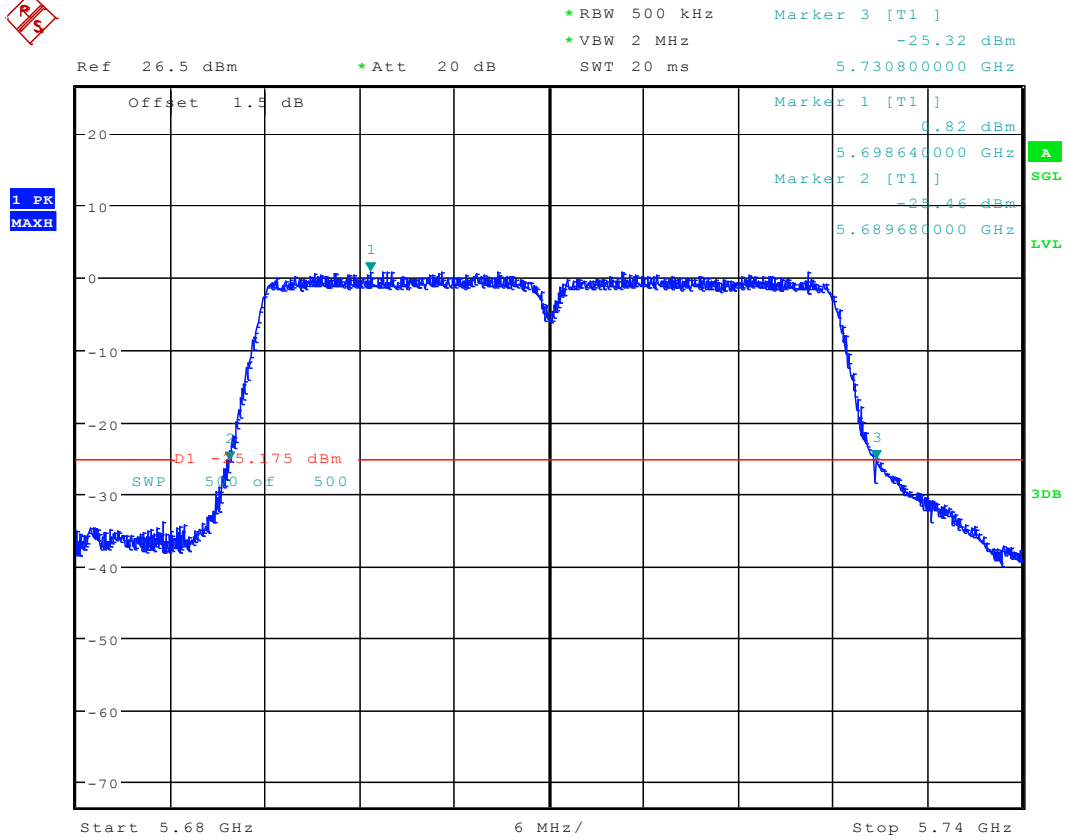
Date: 12.JAN.2018 09:22:45

### 3.68 11N40\_134 ANT 2



Date: 26.JAN.2018 11:36:20

### 3.69 11N40\_142 ANT 1

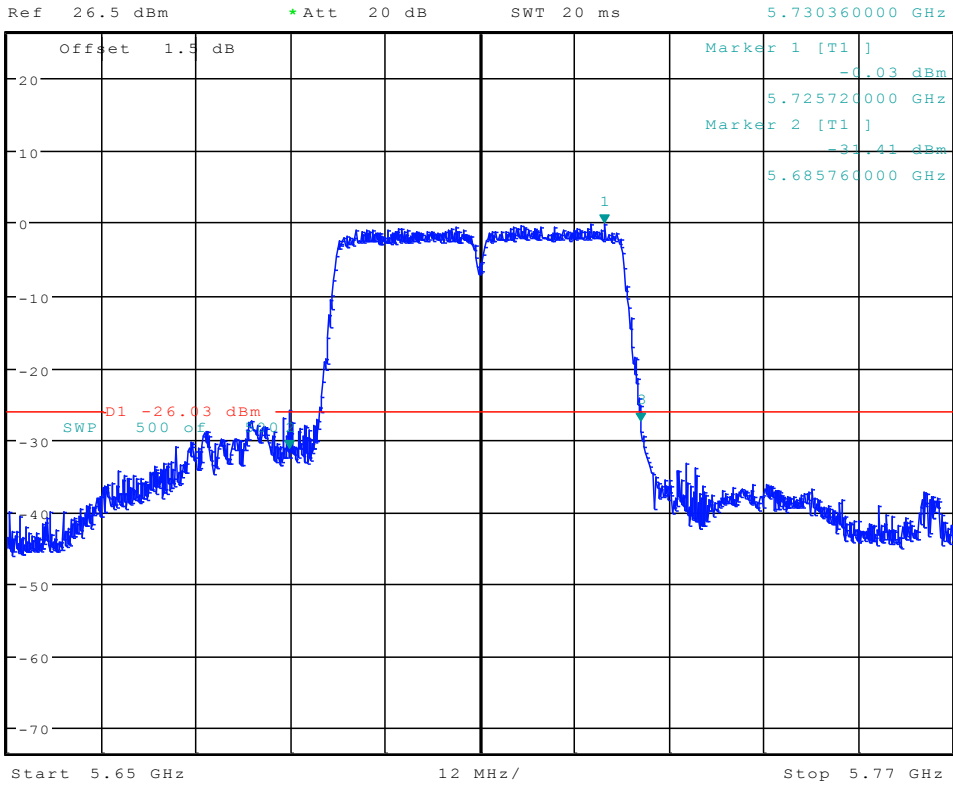


Date: 12.JAN.2018 09:24:36

### 3.70 11N40\_142 ANT 2

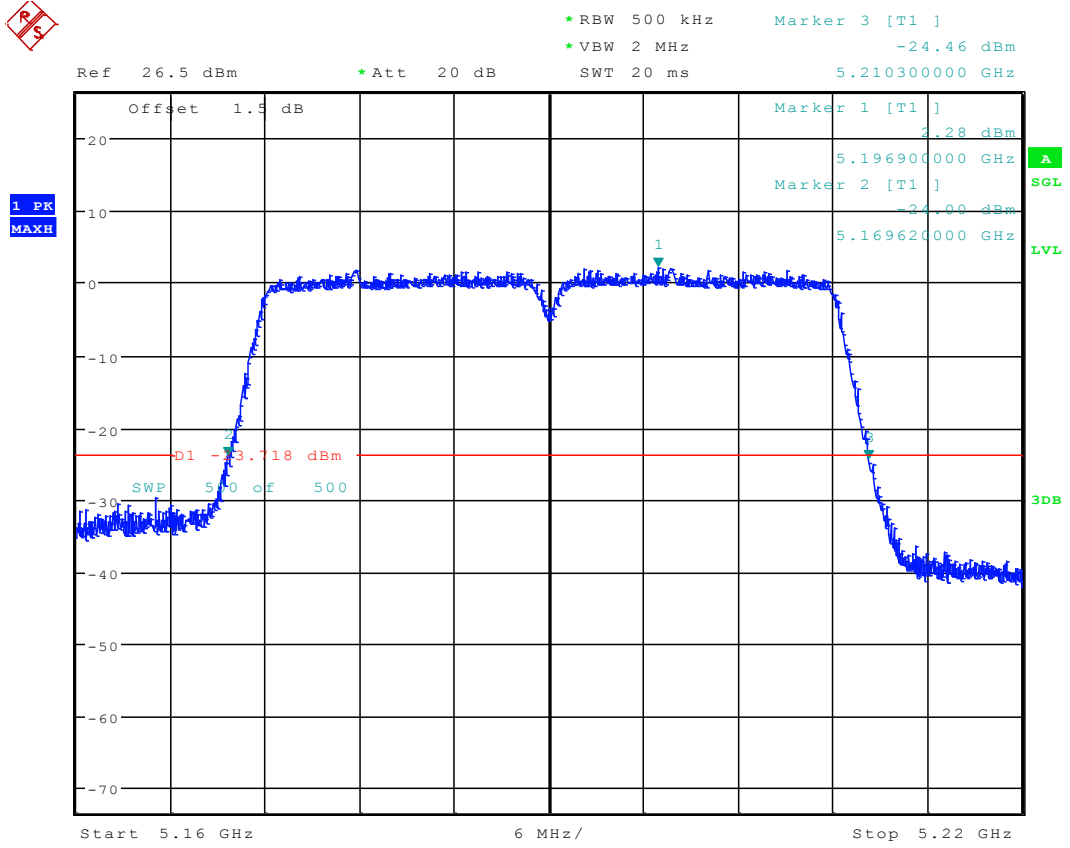


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -27.64 dBm  
 SWT 20 ms      5.730360000 GHz



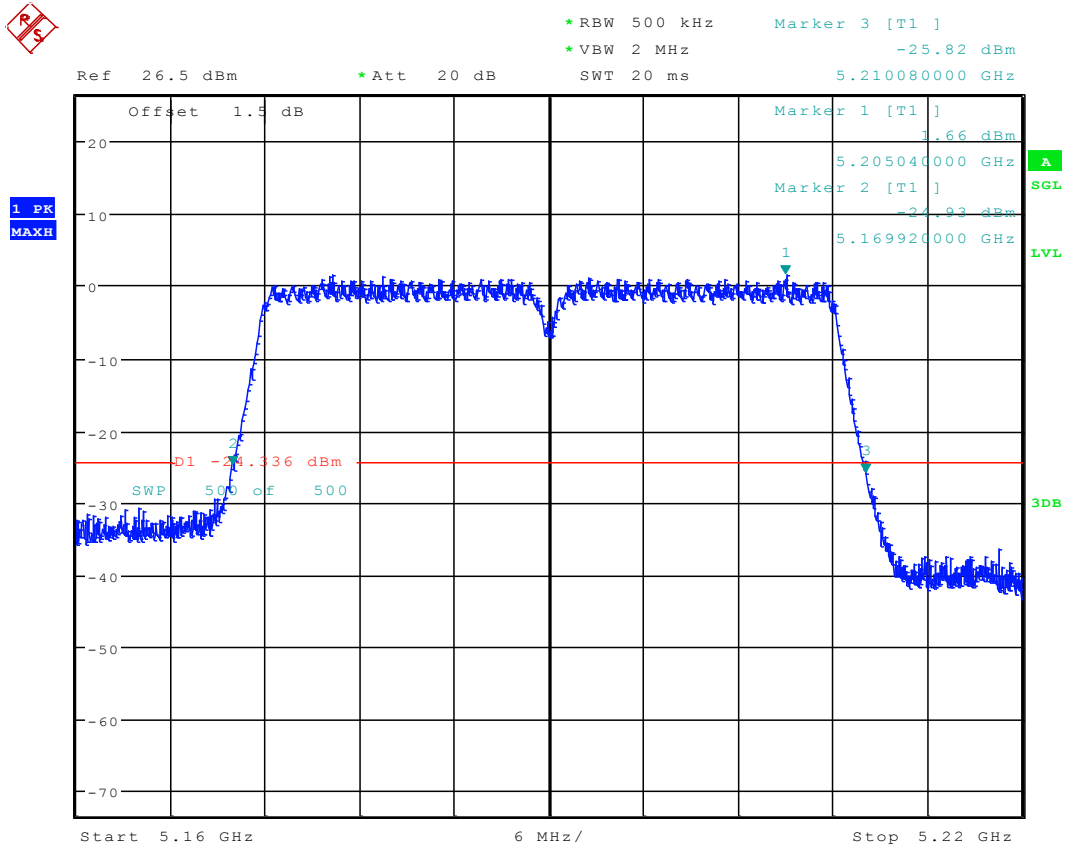
Date: 26.JAN.2018 11:39:06

### 3.71 11N40MIMO\_38 ANT 1



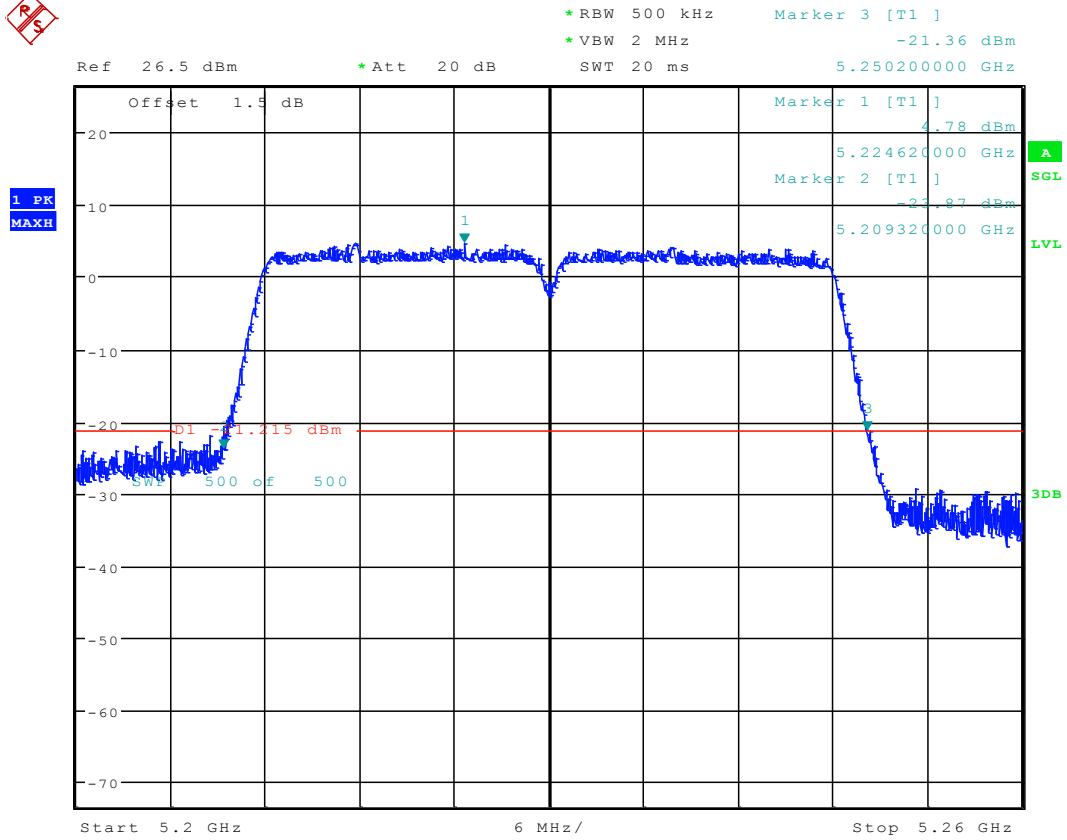
Date: 19.JAN.2018 10:06:24

## 3.72 11N40MIMO\_38 ANT 2



Date: 18.JAN.2018 16:09:53

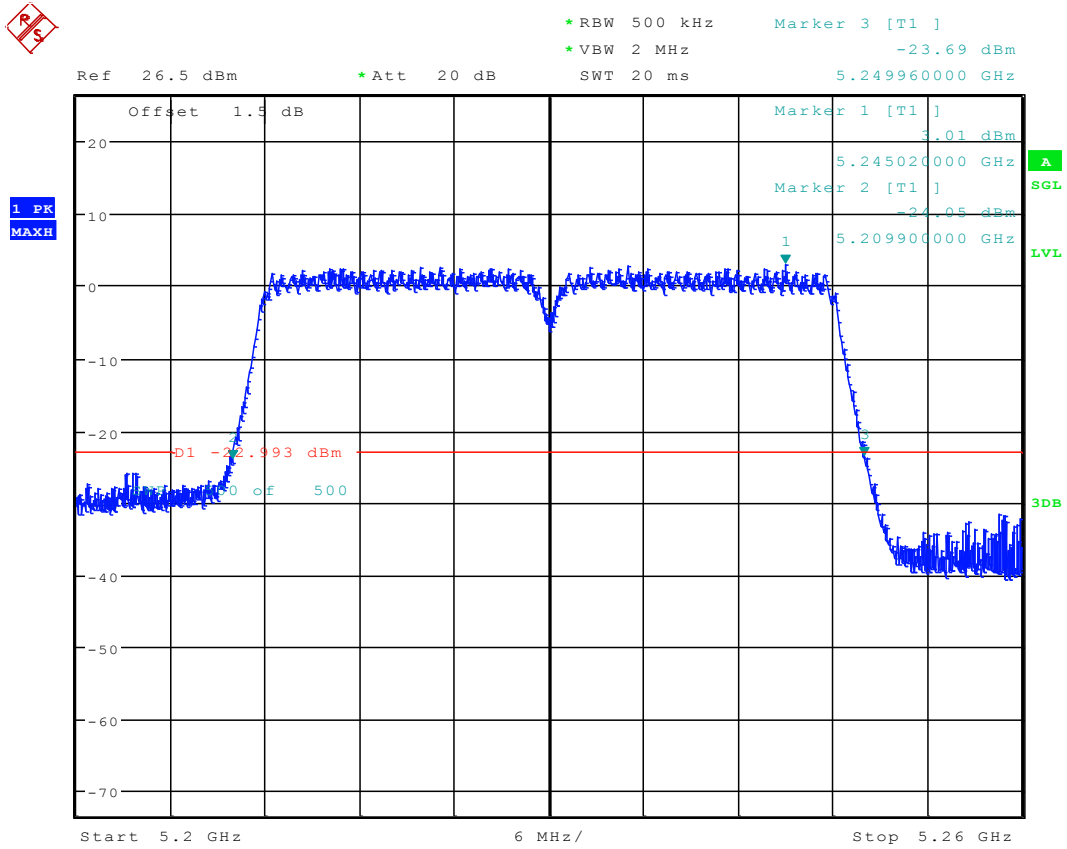
### 3.73 11N40MIMO\_46 ANT 1



Date: 19.JAN.2018 10:08:52

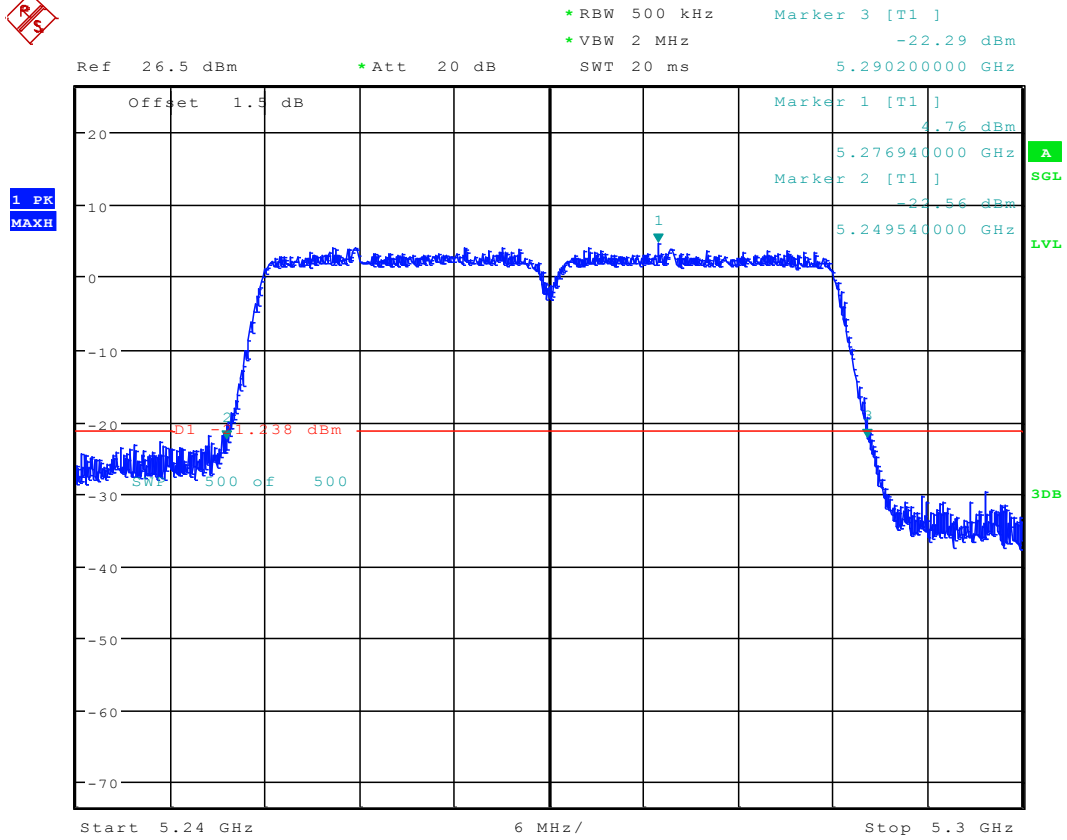


### 3.74 11N40MIMO\_46 ANT 2



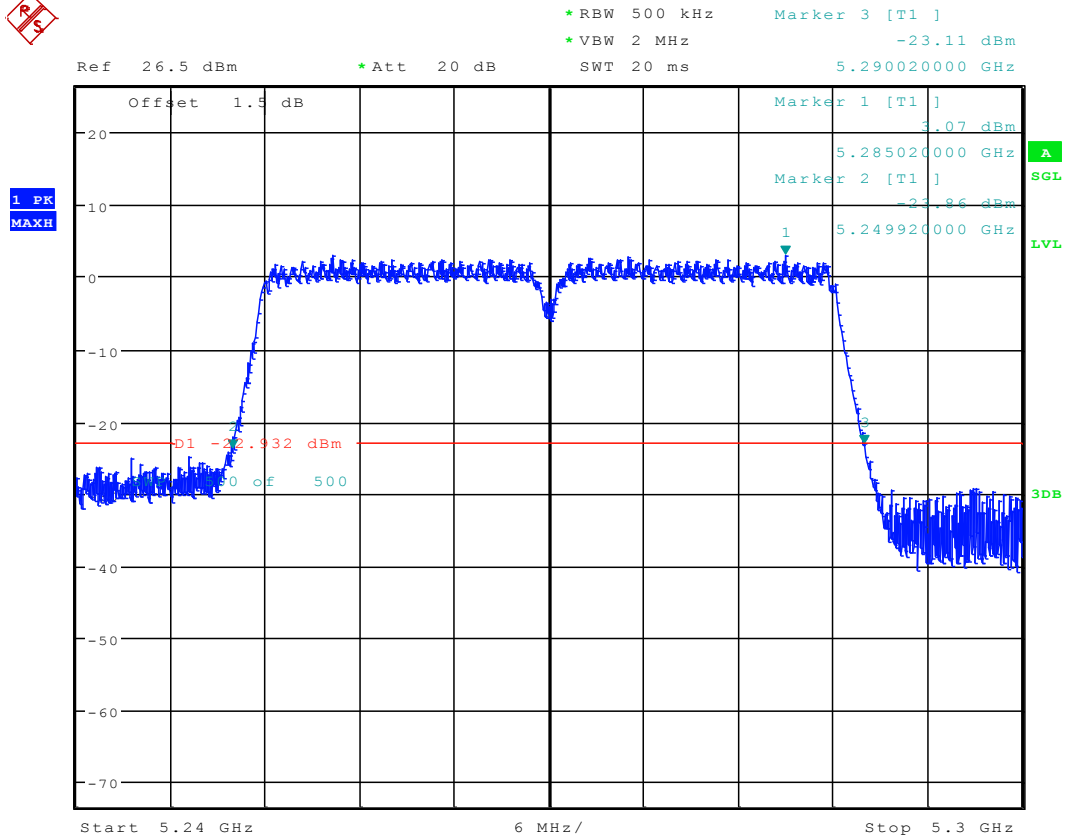
Date: 18.JAN.2018 16:12:12

### 3.75 11N40MIMO\_54 ANT 1



Date: 19.JAN.2018 10:11:37

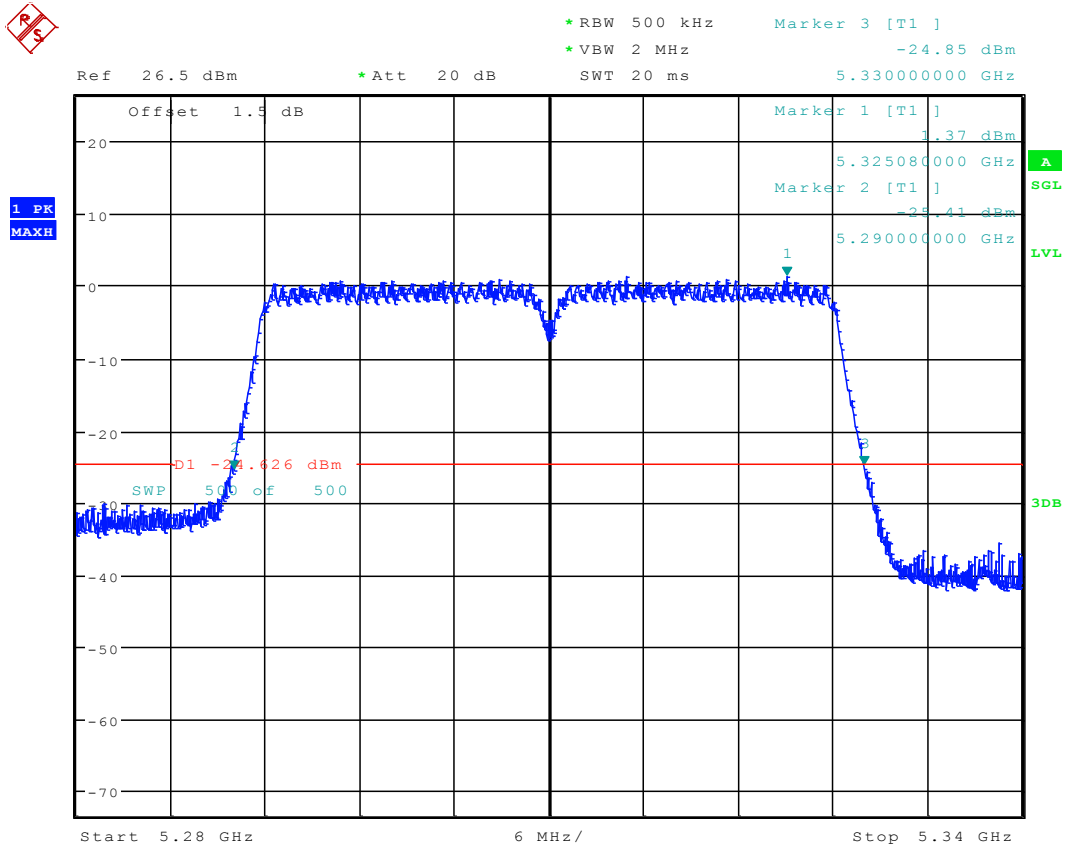
### 3.76 11N40MIMO\_54 ANT 2



Date: 18.JAN.2018 16:14:58

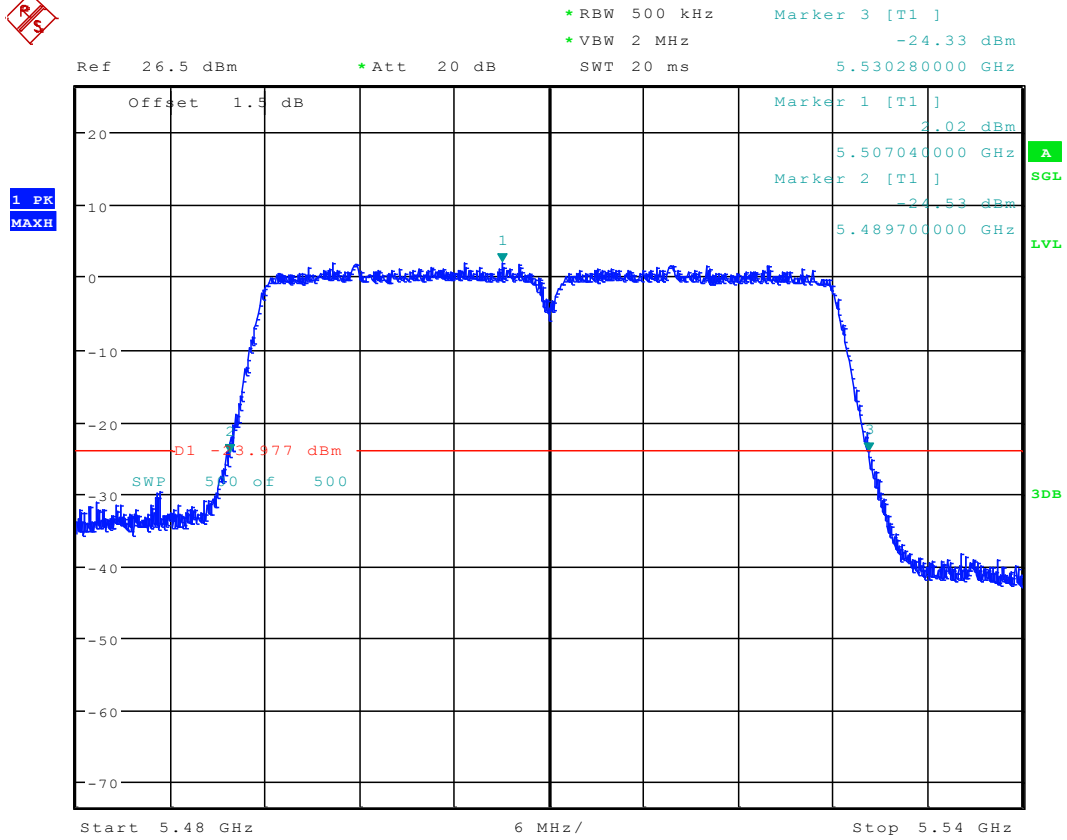


### 3.78 11N40MIMO\_62 ANT 2



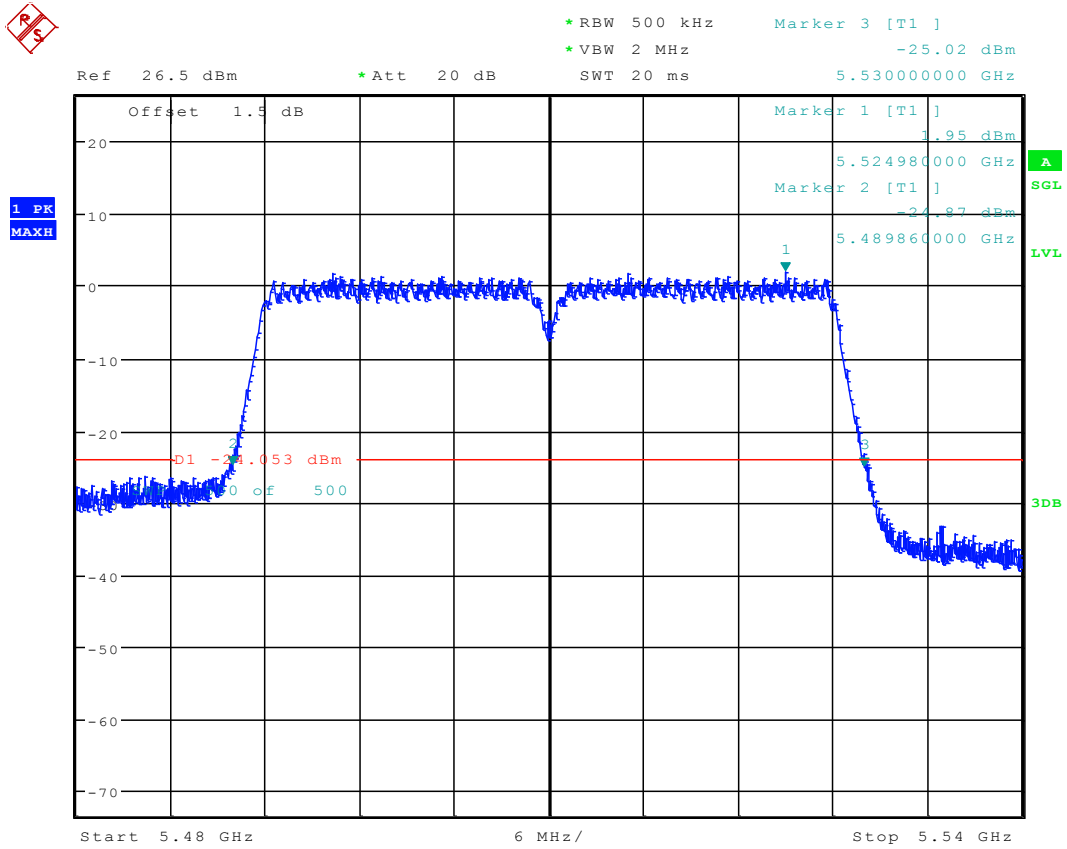
Date: 18.JAN.2018 16:17:11

### 3.79 11N40MIMO\_102 ANT 1



Date: 19.JAN.2018 10:17:03

### 3.80 11N40MIMO\_102 ANT 2

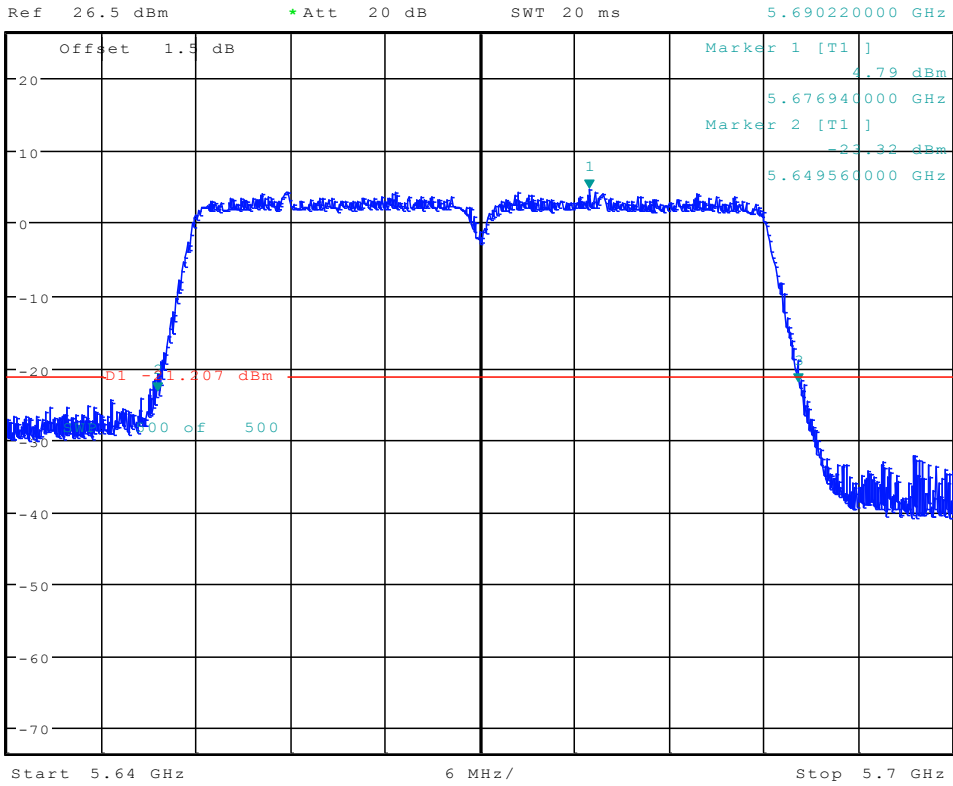


Date: 18.JAN.2018 16:19:55

### 3.81 11N40MIMO\_134 ANT 1



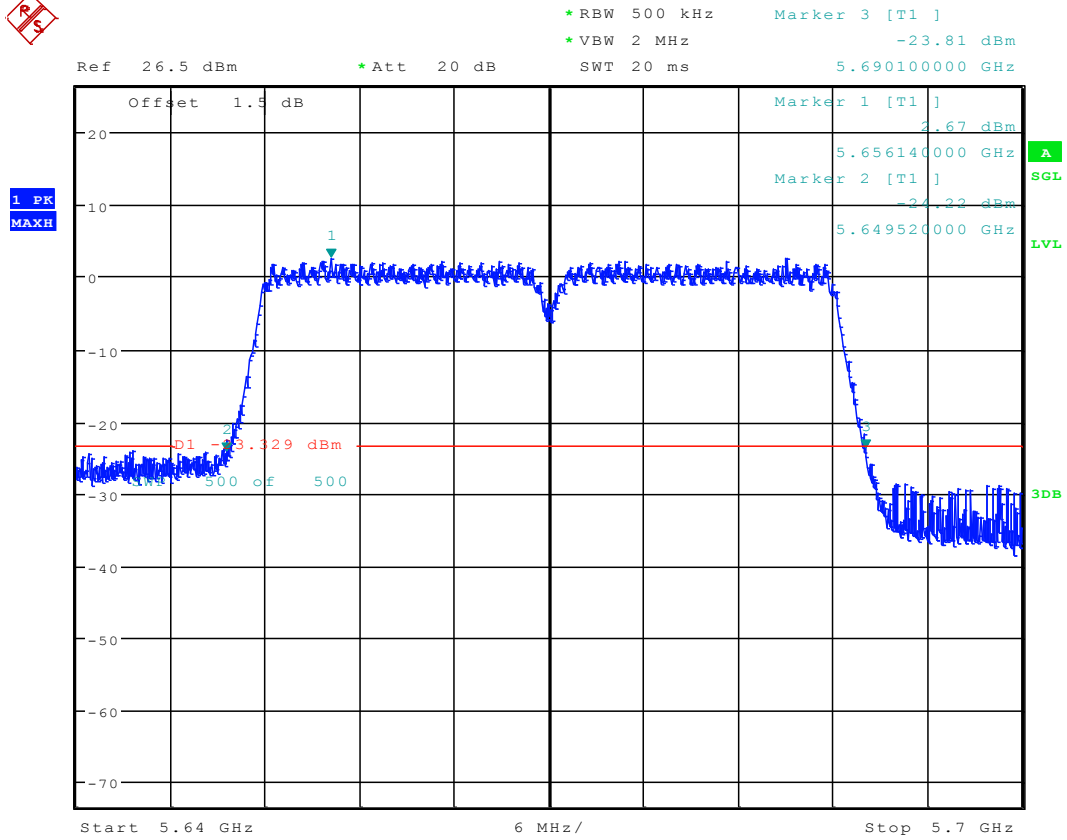
\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -22.23 dBm  
 SWT 20 ms      5.690220000 GHz



Date: 19.JAN.2018 10:19:19

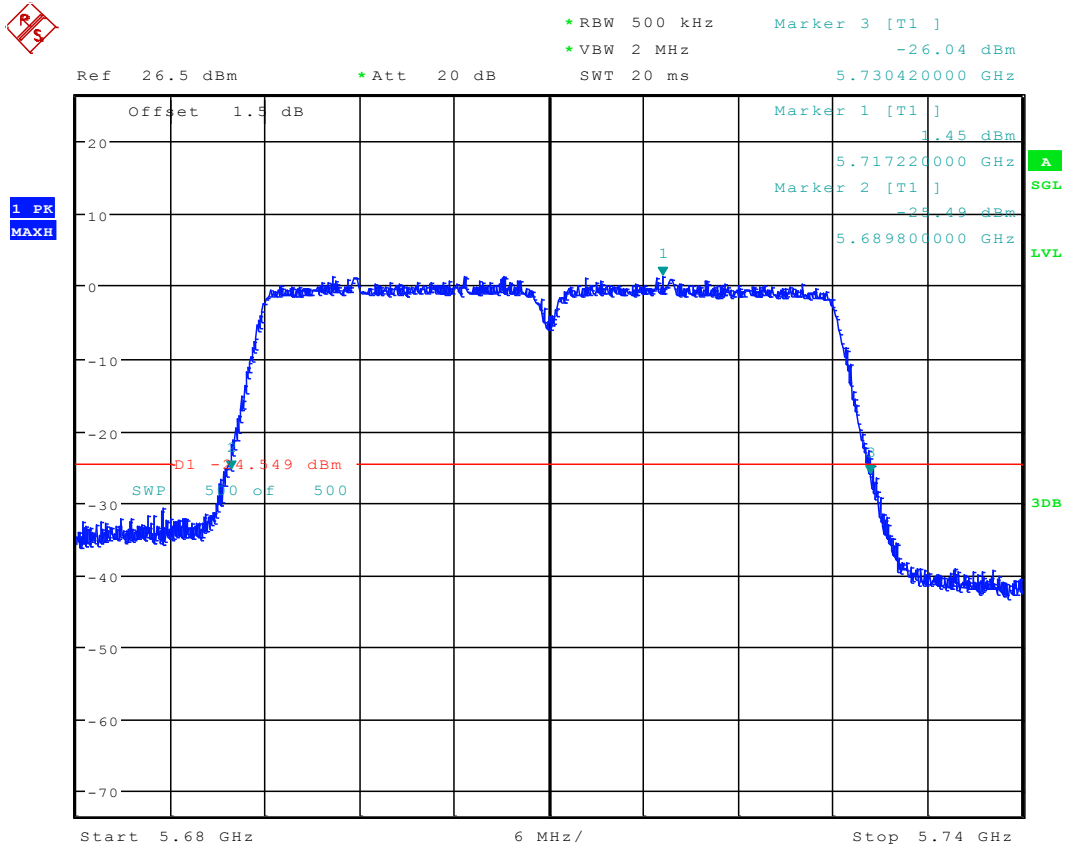


### 3.82 11N40MIMO\_134 ANT 2



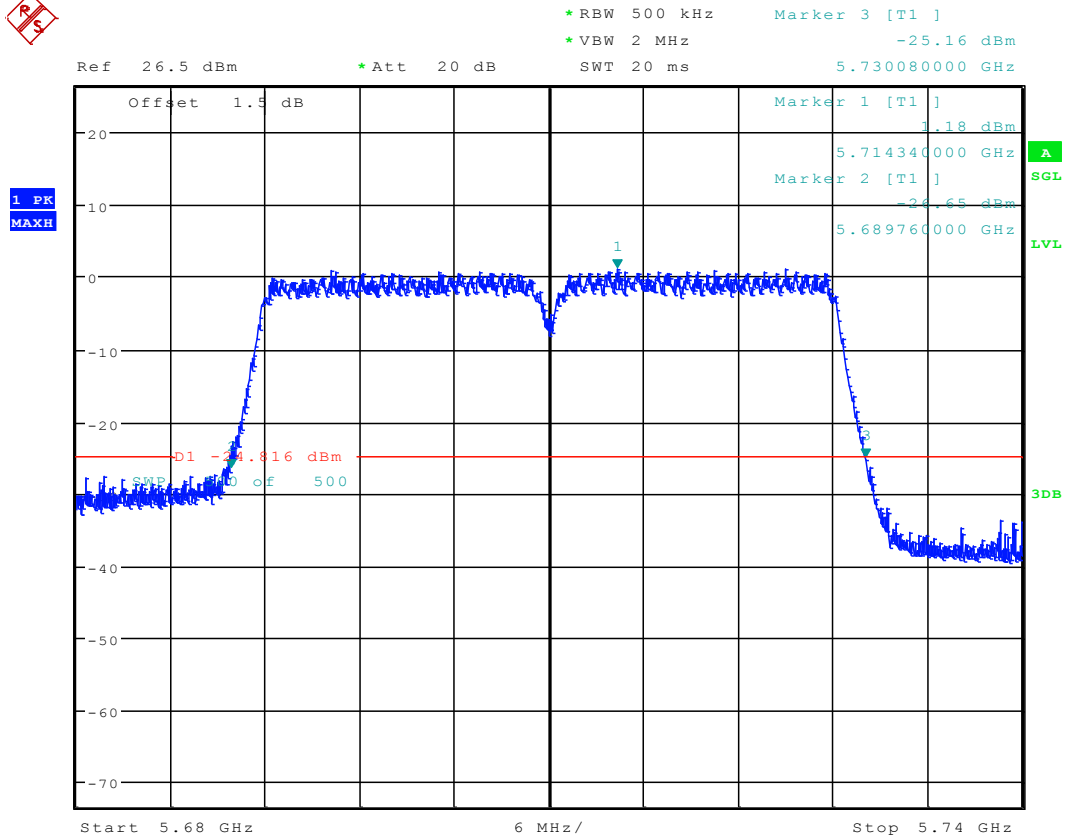
Date: 18.JAN.2018 16:22:17

### 3.83 11N40MIMO\_142 ANT 1



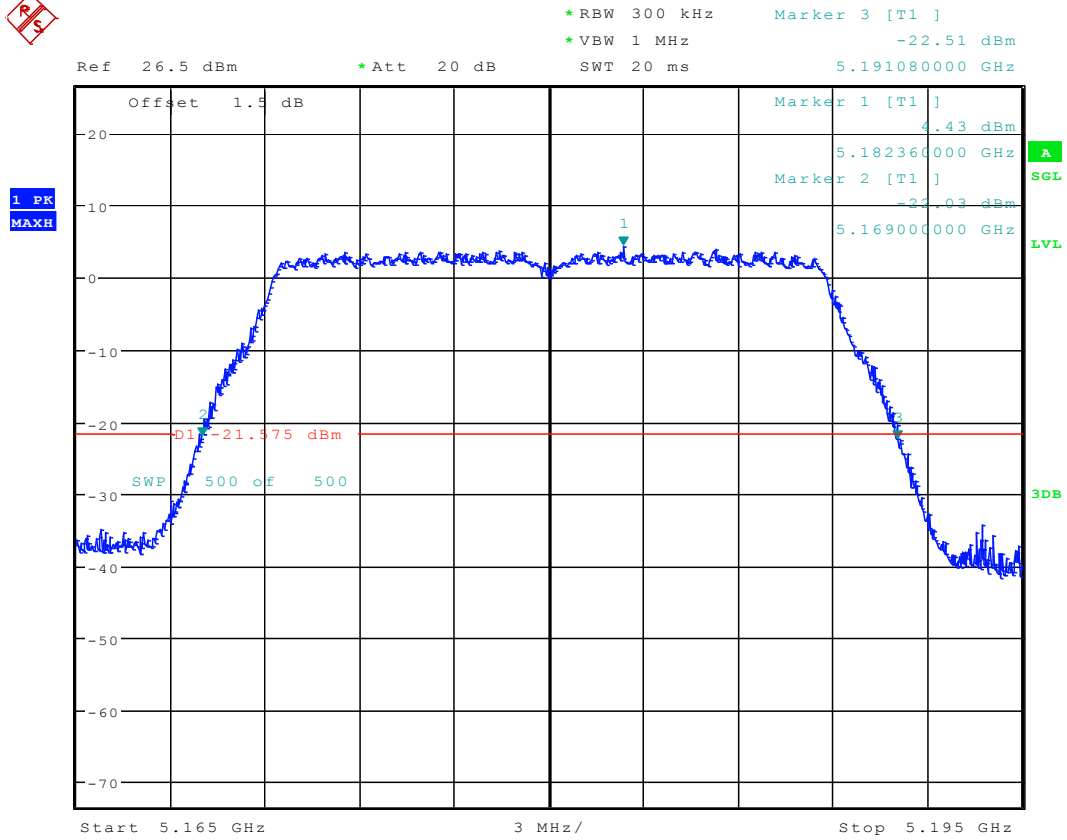
Date: 19.JAN.2018 10:22:28

### 3.84 11N40MIMO\_142 ANT 2



Date: 18.JAN.2018 16:24:33

### 3.85 11AC20\_36 ANT 1

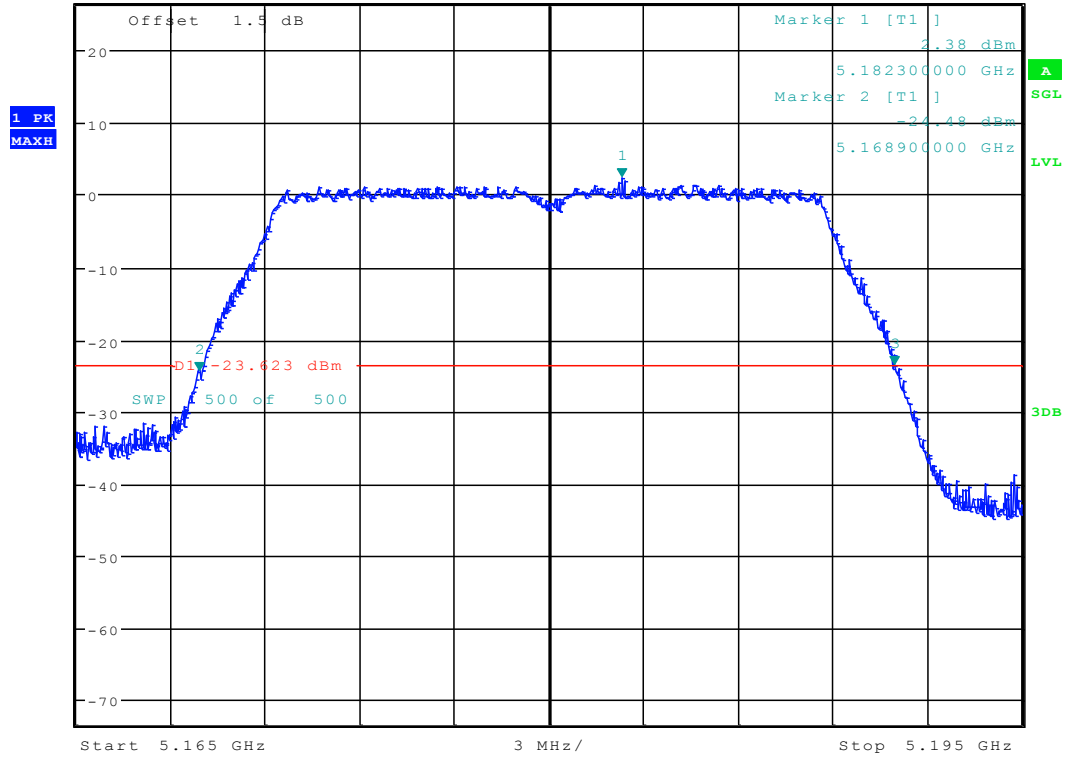


Date: 12.JAN.2018 08:01:38

### 3.86 11AC20\_36 ANT 2



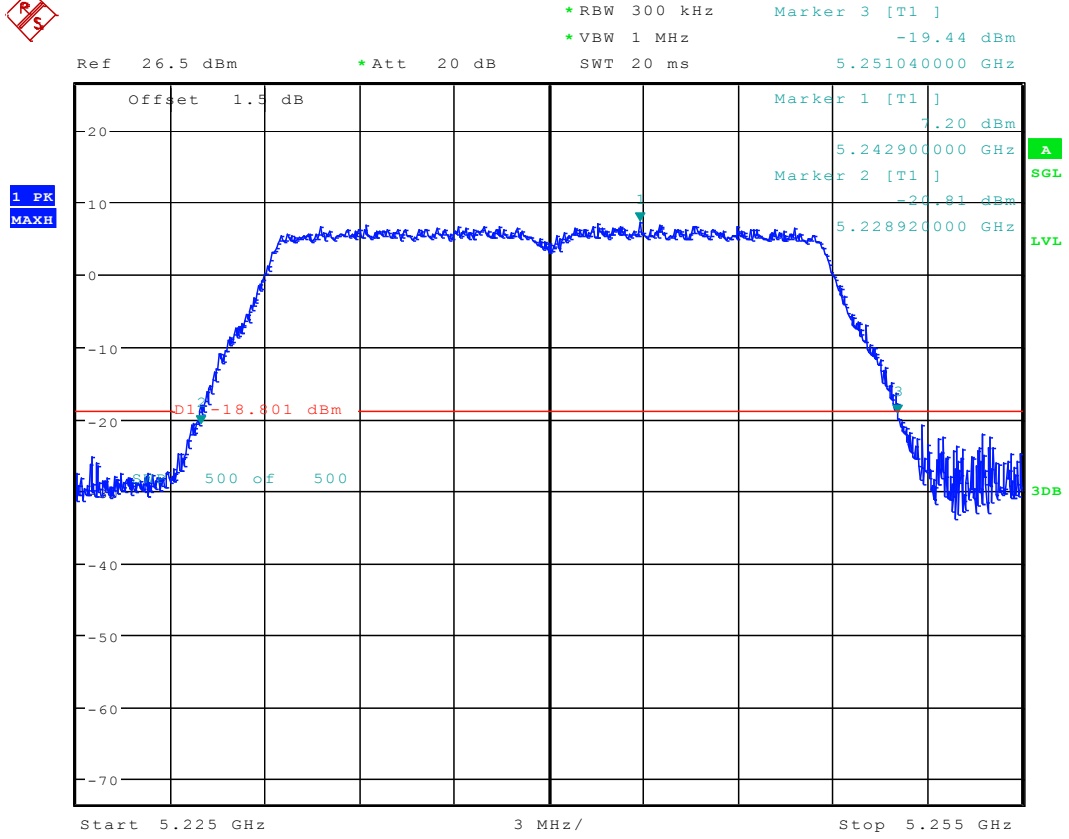
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.63 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.190960000 GHz



Date: 18.JAN.2018 10:03:08

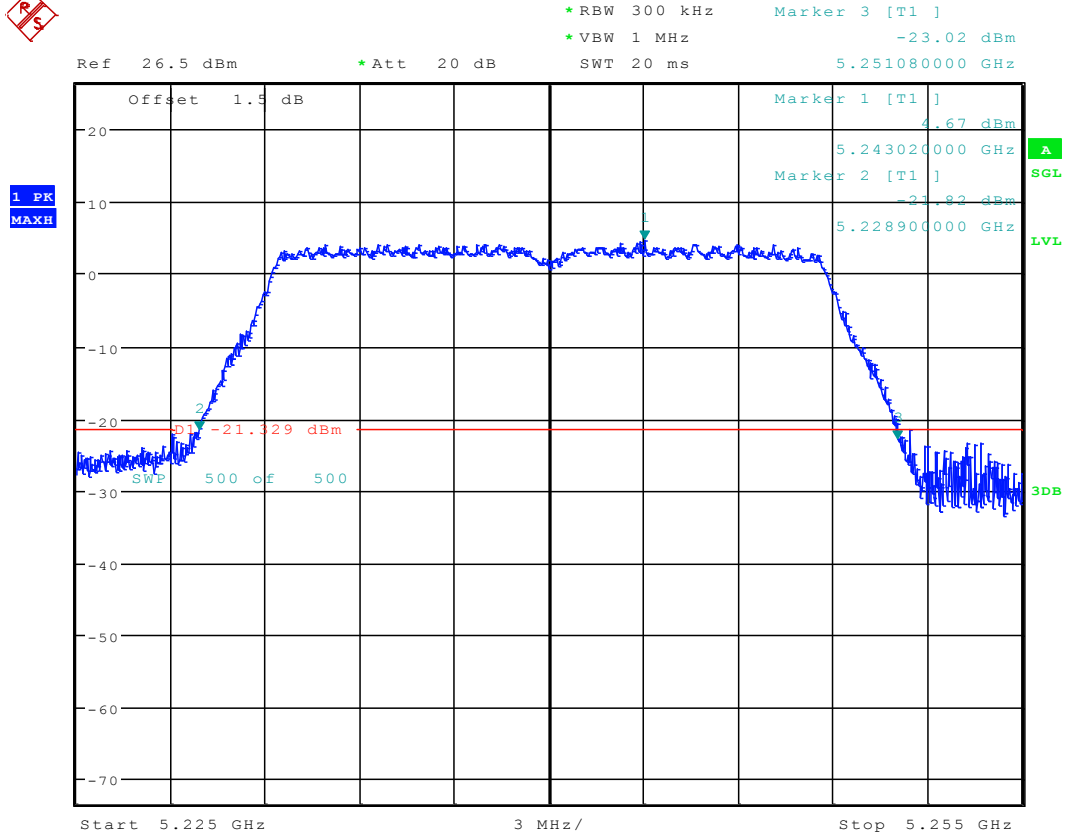


### 3.87 11AC20\_48 ANT 1



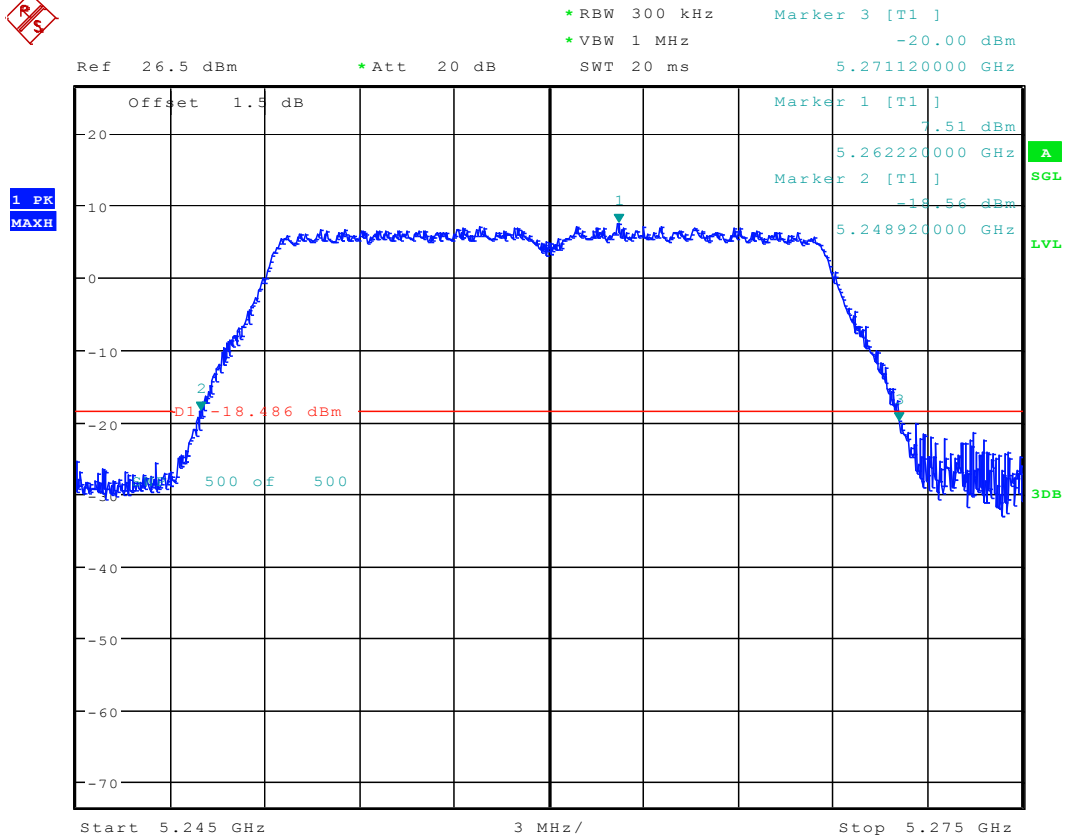
Date: 12.JAN.2018 08:03:41

### 3.88 11AC20\_48 ANT 2



Date: 18.JAN.2018 10:05:29

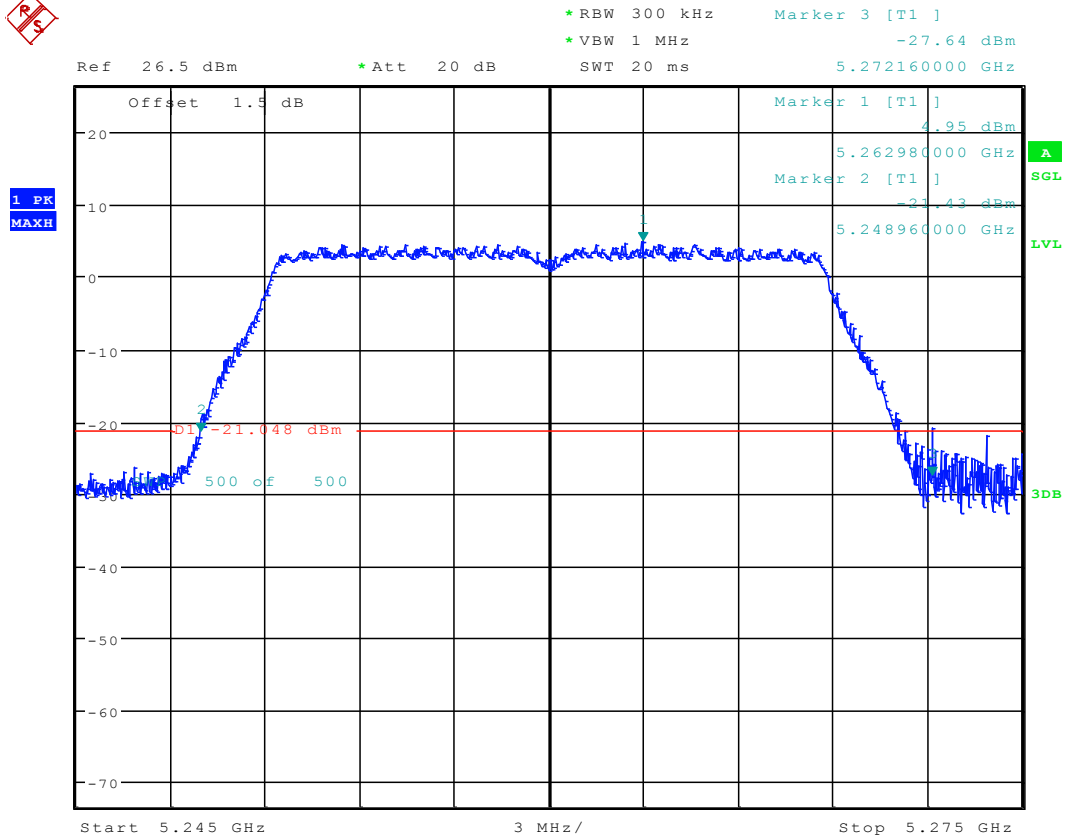
### 3.89 11AC20\_52 ANT 1



Date: 12.JAN.2018 08:29:51

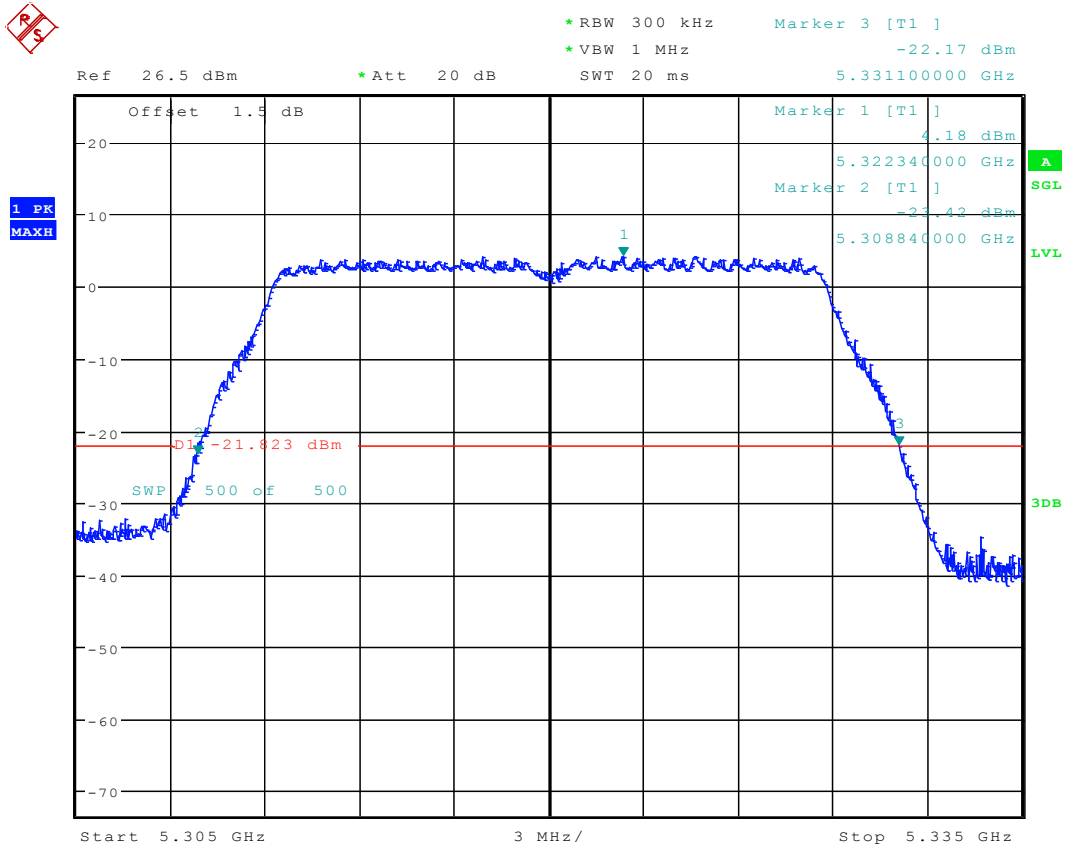


### 3.90 11AC20\_52 ANT 2



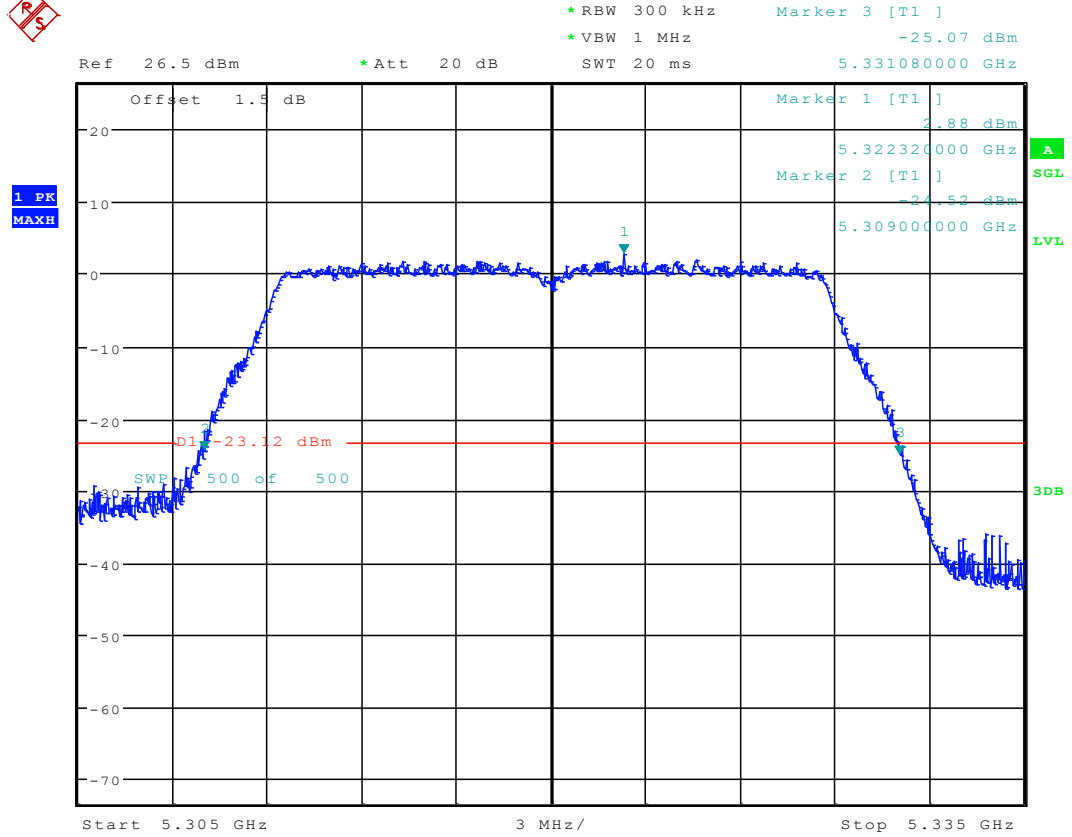
Date: 18.JAN.2018 10:08:08

### 3.91 11AC20\_64 ANT 1



Date: 12.JAN.2018 08:31:40

### 3.92 11AC20\_64 ANT 2



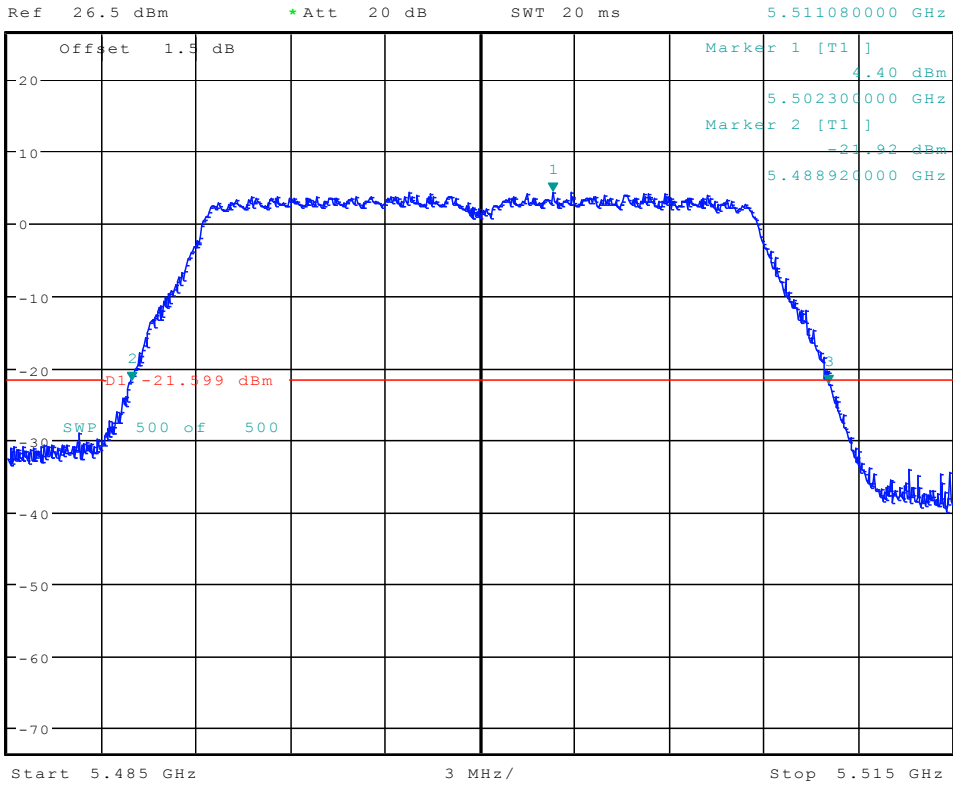
Date: 18.JAN.2018 10:11:12



### 3.93 11AC20\_100 ANT 1

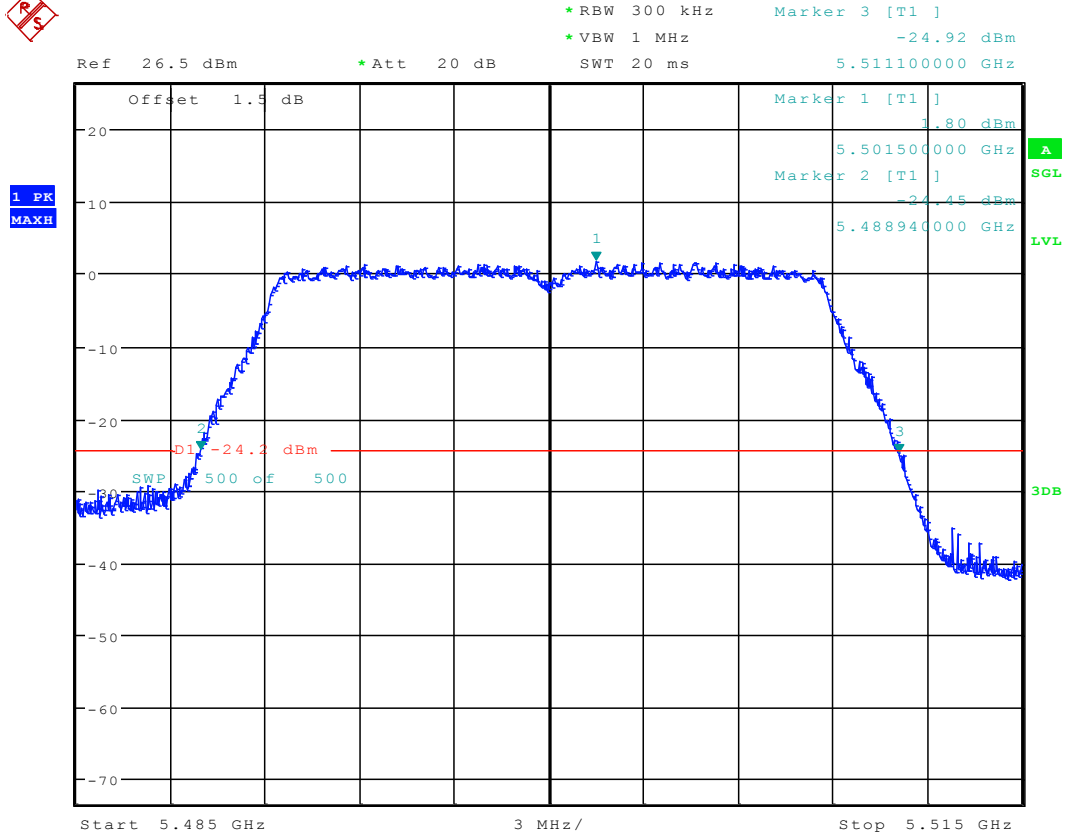


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.26 dBm  
 SWT 20 ms      5.511080000 GHz



Date: 12.JAN.2018 08:33:58

### 3.94 11AC20\_100 ANT 2

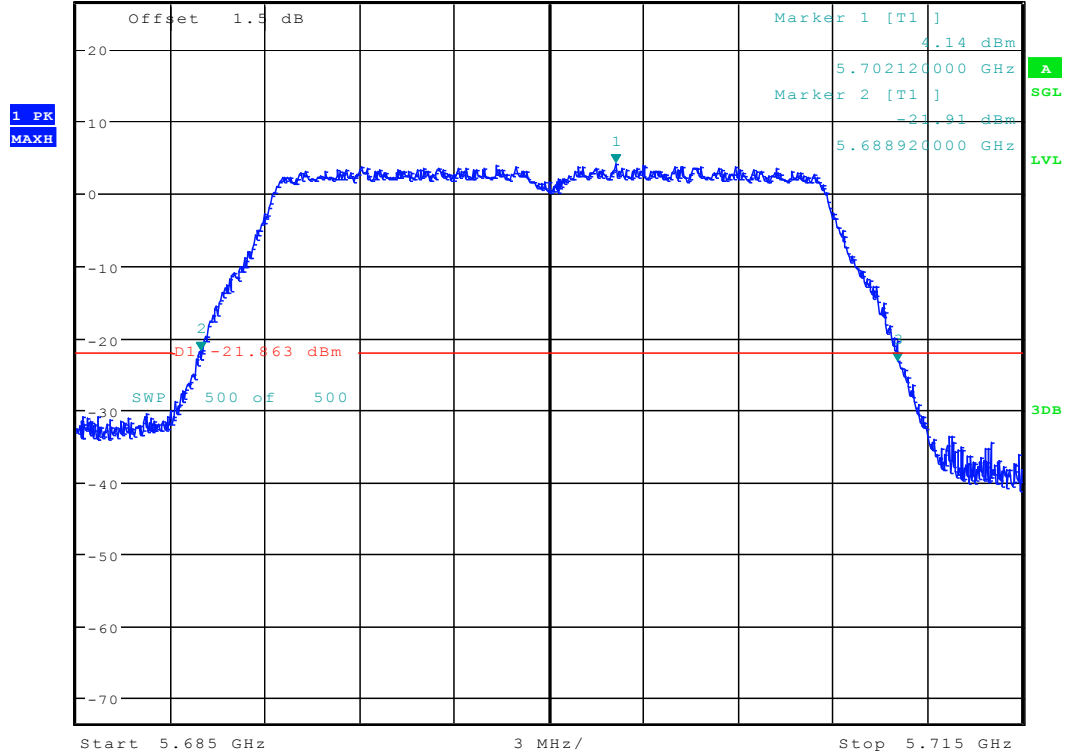


Date: 18.JAN.2018 10:19:39

### 3.95 11AC20\_140 ANT 1

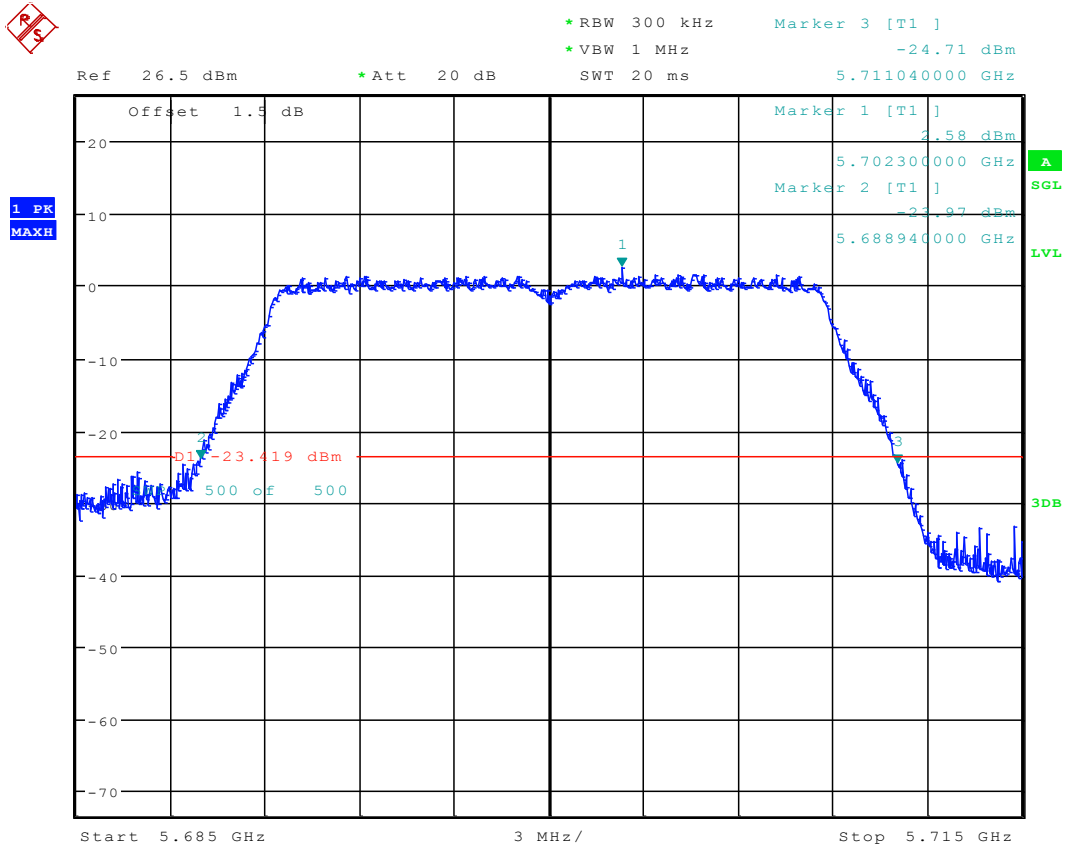


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -23.44 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.711080000 GHz



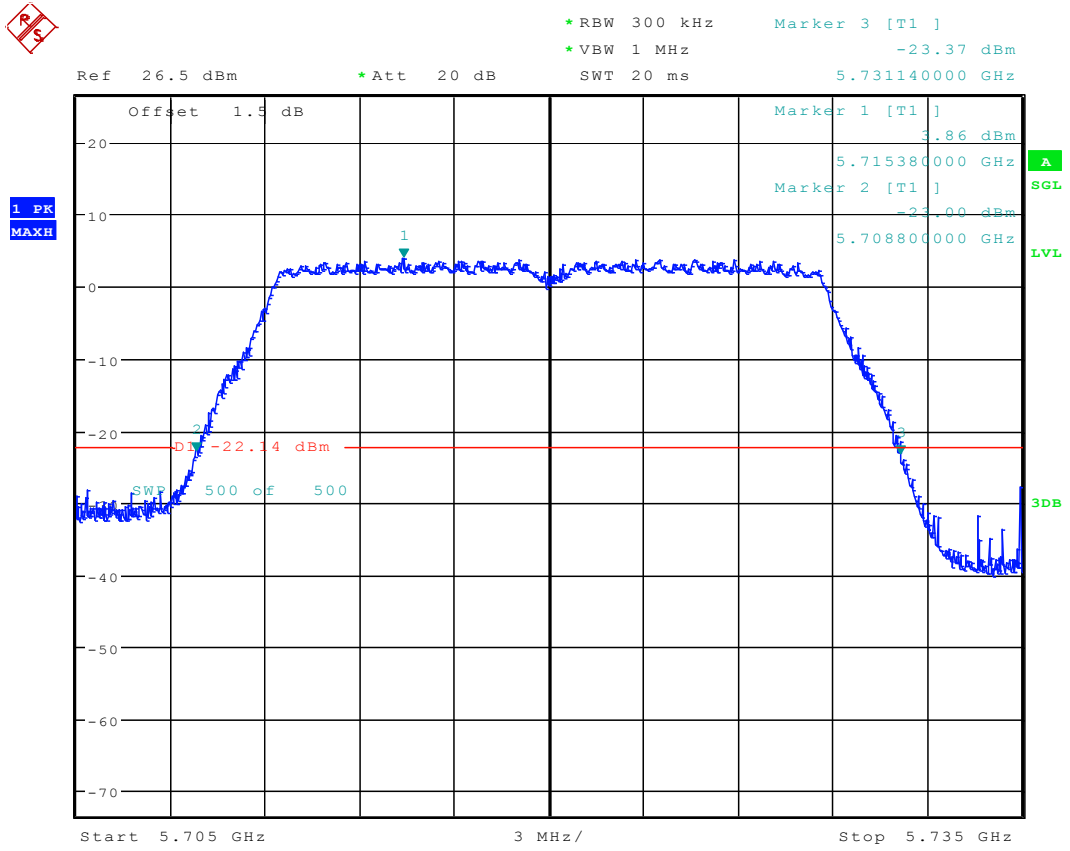
Date: 12.JAN.2018 08:36:08

### 3.96 11AC20\_140 ANT 2



Date: 18.JAN.2018 10:21:58

### 3.97 11AC20\_144 ANT 1



Date: 12.JAN.2018 08:37:54

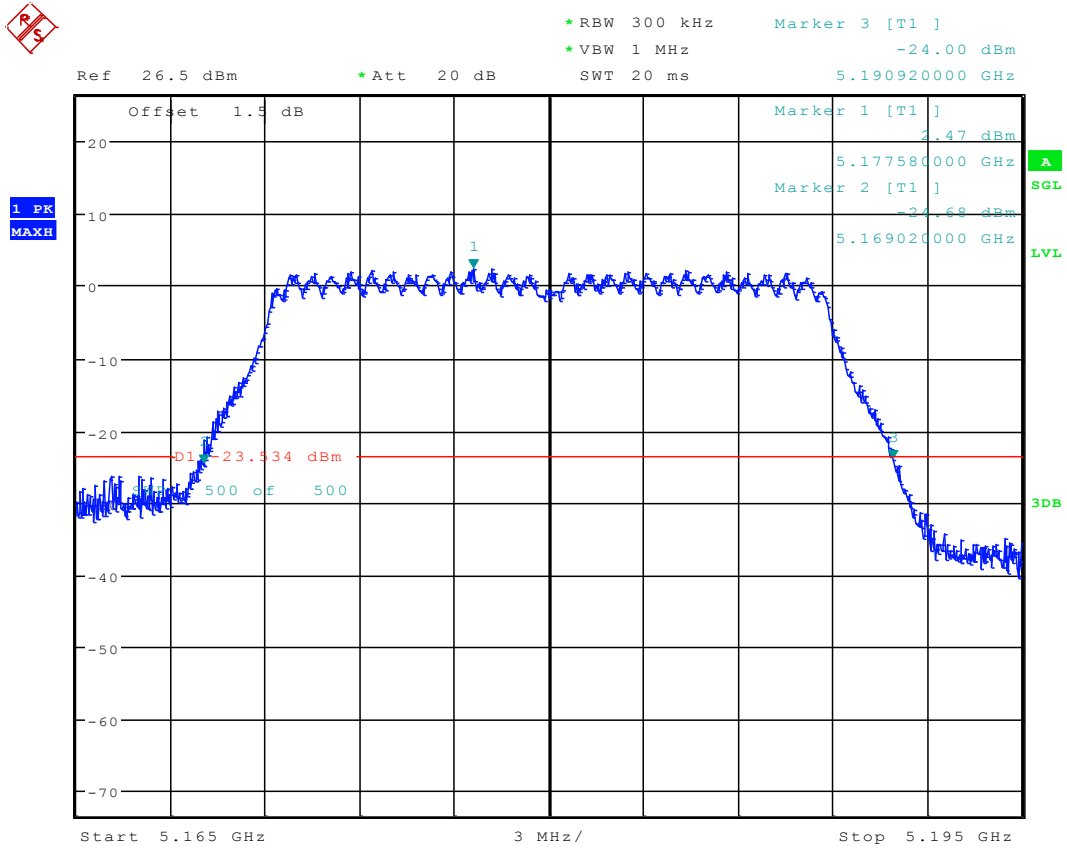








### 3.100 11AC20MIMO\_36 ANT 2



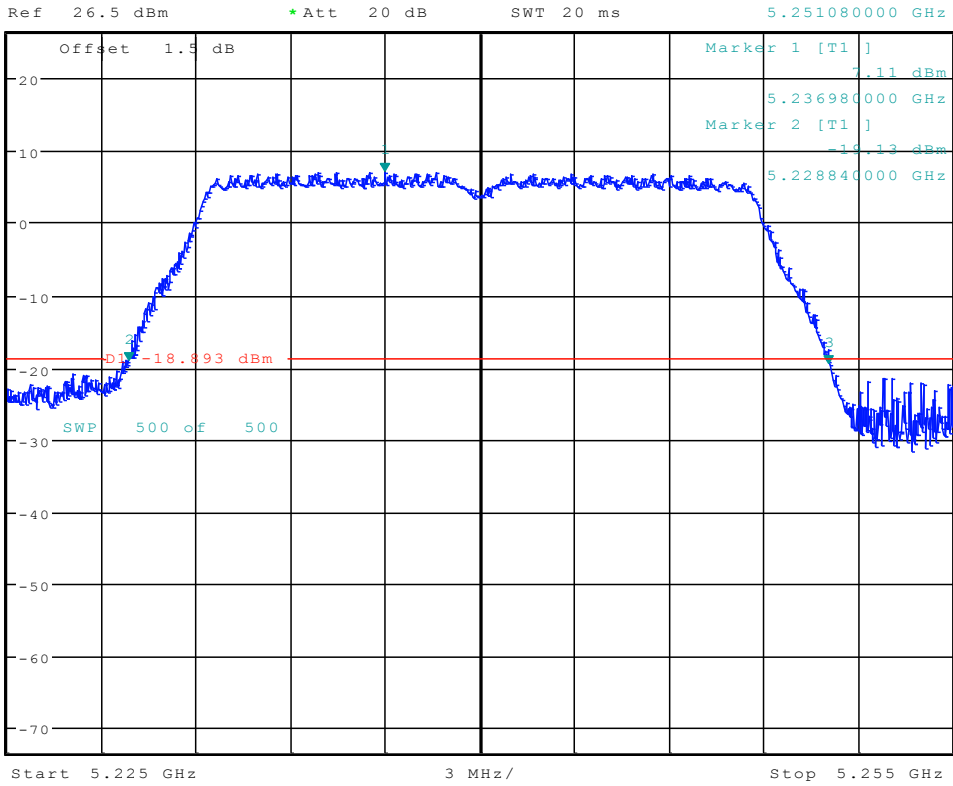
Date: 18.JAN.2018 15:38:19



### 3.101 11AC20MIMO\_48 ANT 1



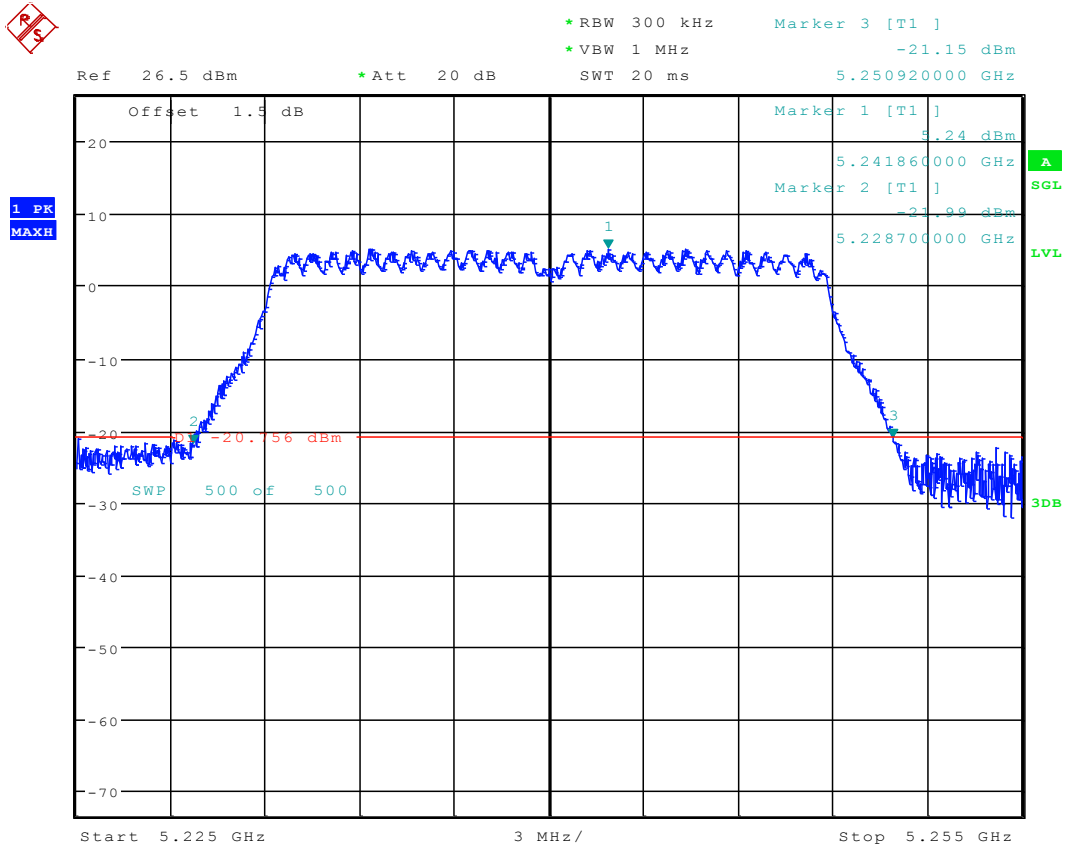
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -19.61 dBm  
 SWT 20 ms      5.251080000 GHz



Date: 19.JAN.2018 09:35:09

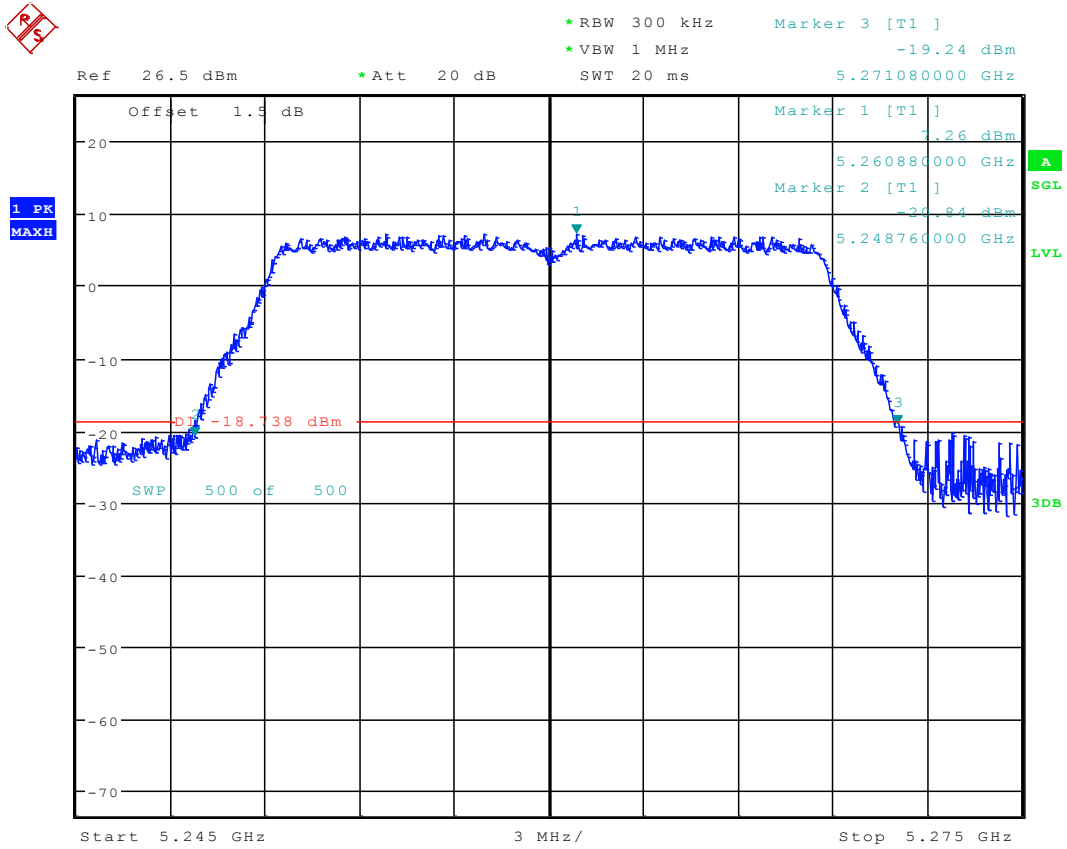


### 3.102 11AC20MIMO\_48 ANT 2



Date: 18.JAN.2018 15:41:12

### 3.103 11AC20MIMO\_52 ANT 1



Date: 19.JAN.2018 09:38:00

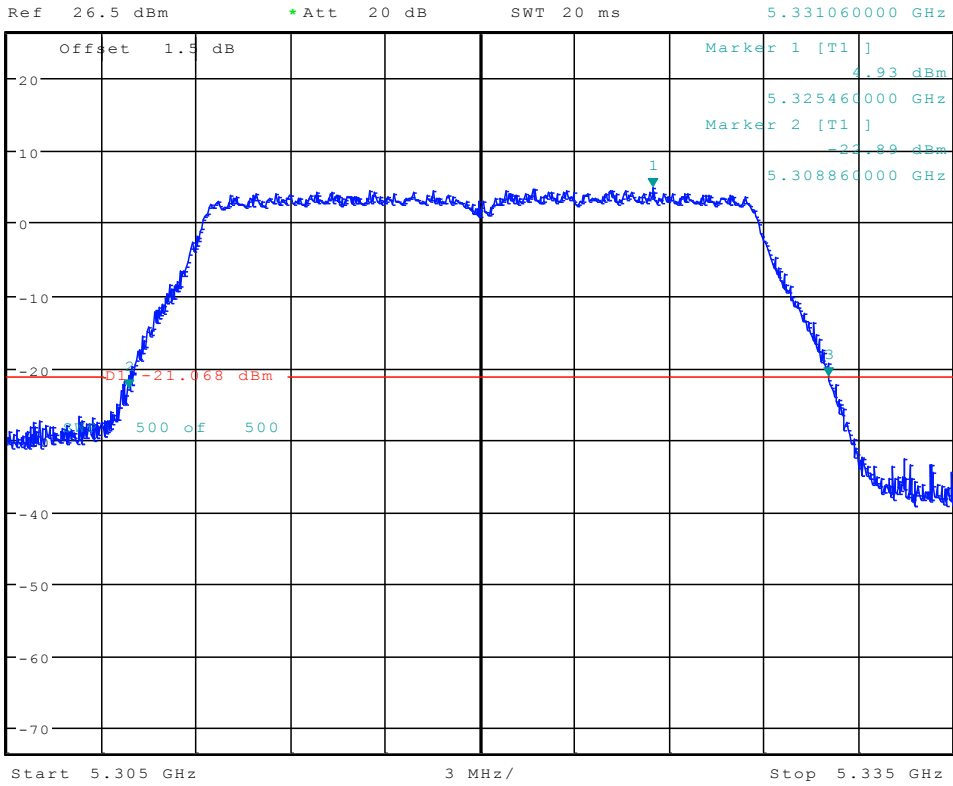




### 3.105 11AC20MIMO\_64 ANT 1



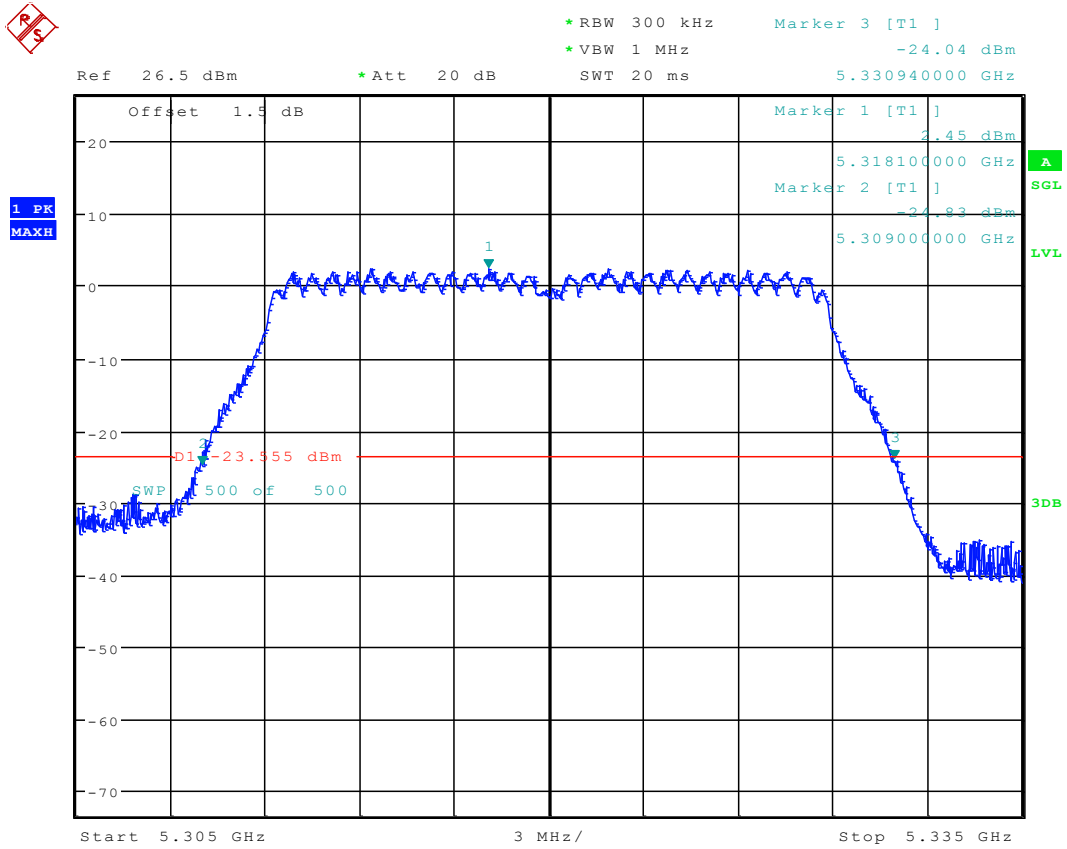
\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -21.20 dBm  
 SWT 20 ms      5.331060000 GHz



Date: 19.JAN.2018 09:49:56



### 3.106 11AC20MIMO\_64 ANT 2



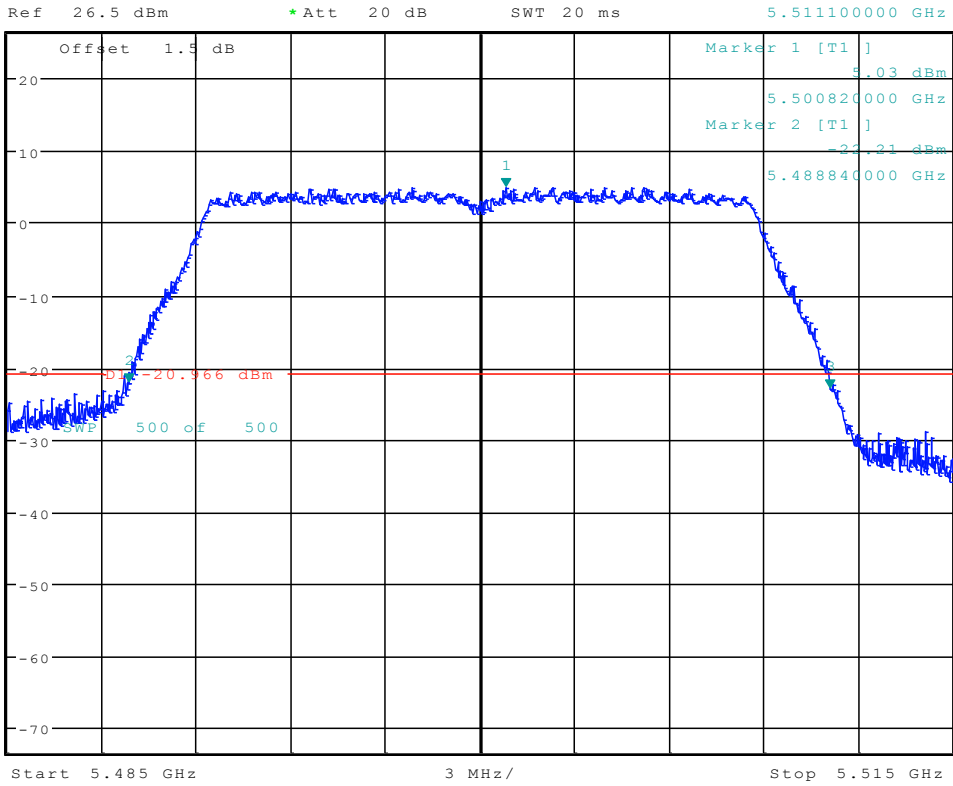
Date: 18.JAN.2018 15:49:00



### 3.107 11AC20MIMO\_100 ANT 1

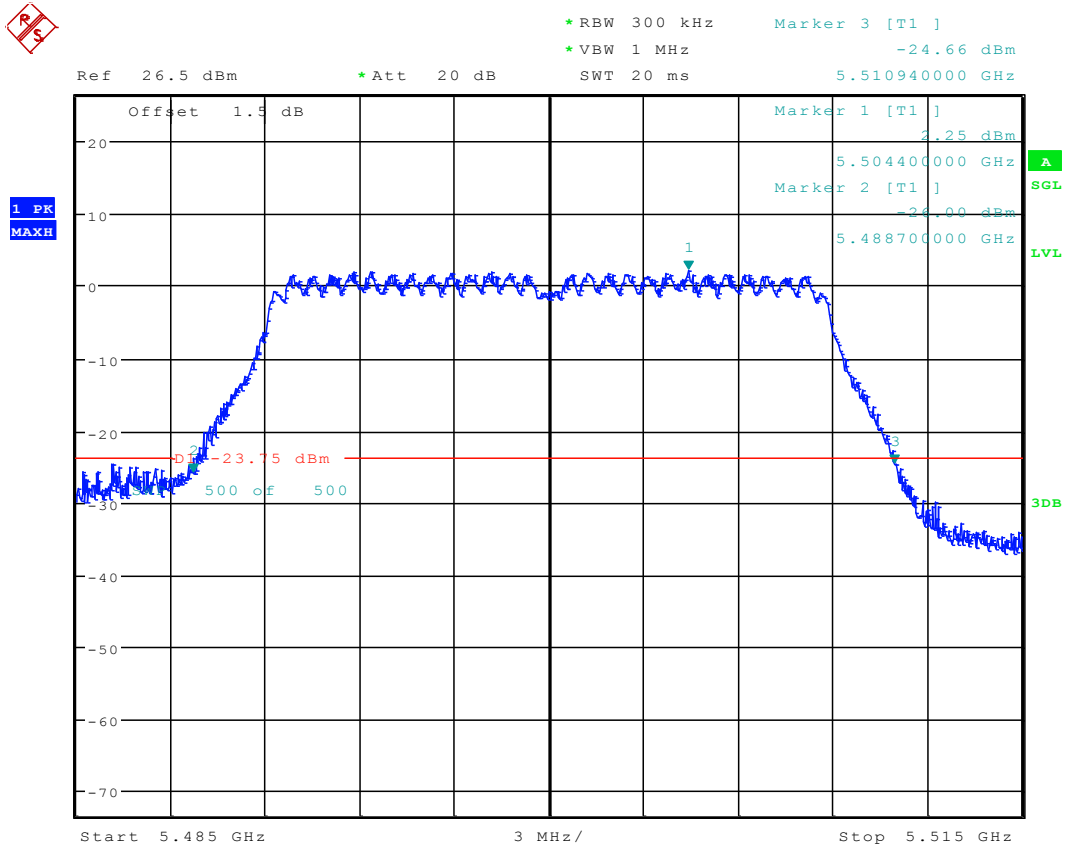


\*RBW 300 kHz      Marker 3 [T1 ]  
 \*VBW 1 MHz      -22.91 dBm  
 SWT 20 ms      5.511100000 GHz



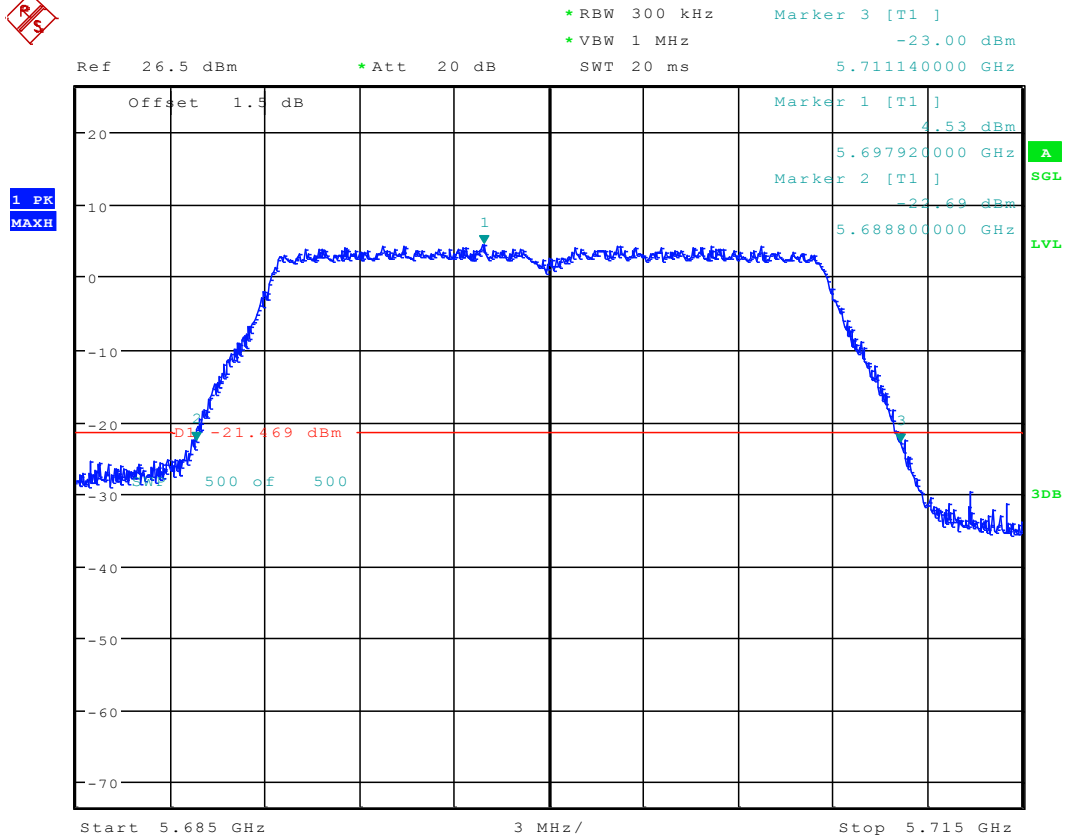
Date: 19.JAN.2018 09:52:21

### 3.108 11AC20MIMO\_100 ANT 2



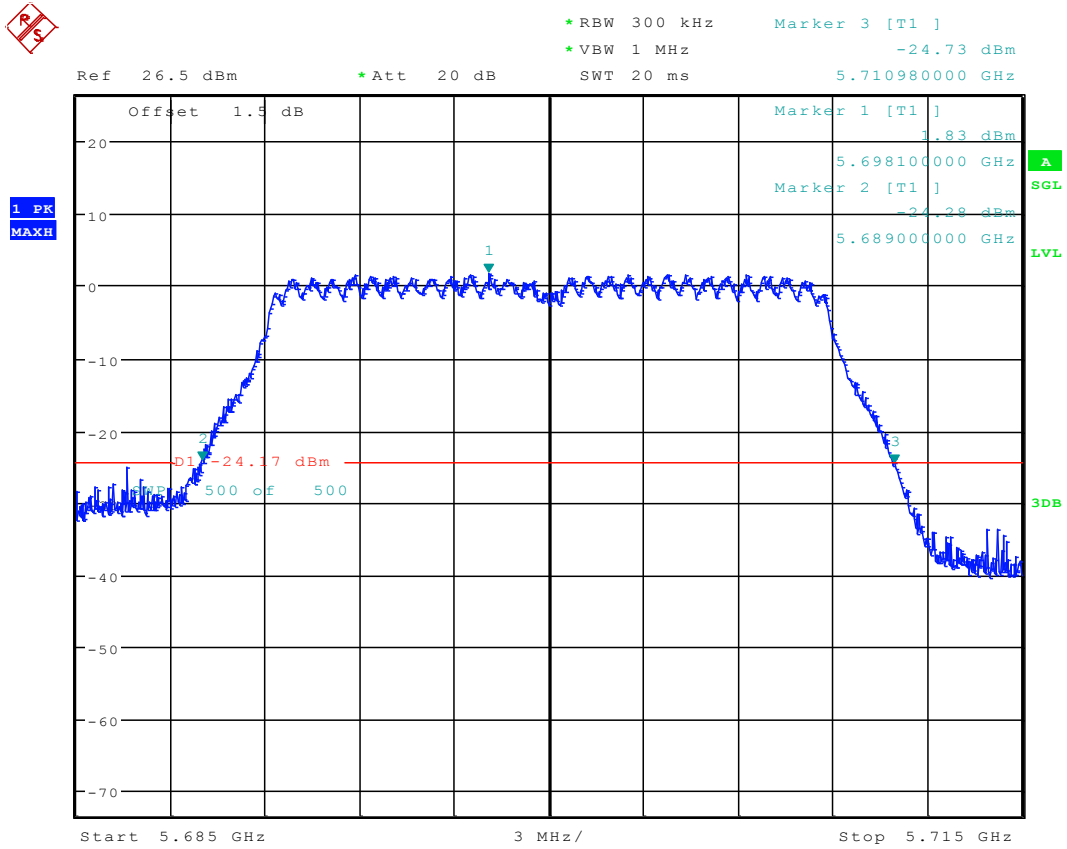
Date: 18.JAN.2018 15:54:52

### 3.109 11AC20MIMO\_140 ANT 1



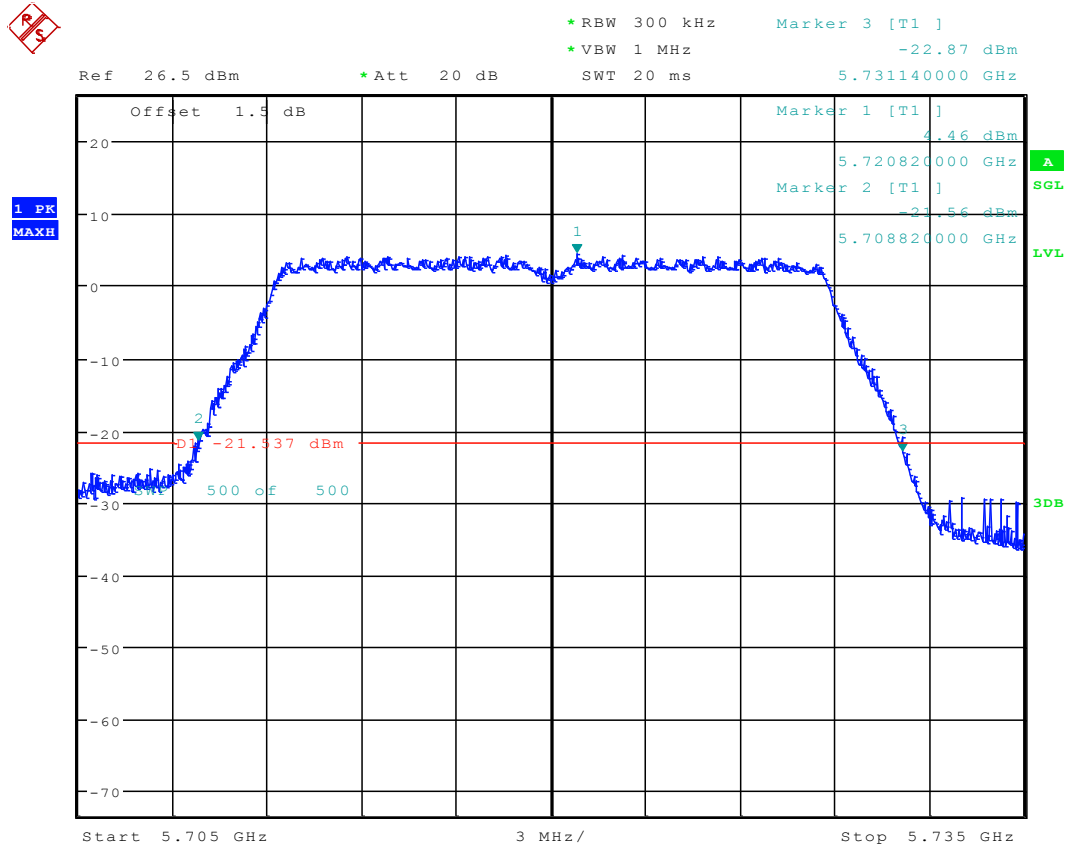
Date: 19.JAN.2018 09:54:37

### 3.110 11AC20MIMO\_140 ANT 2



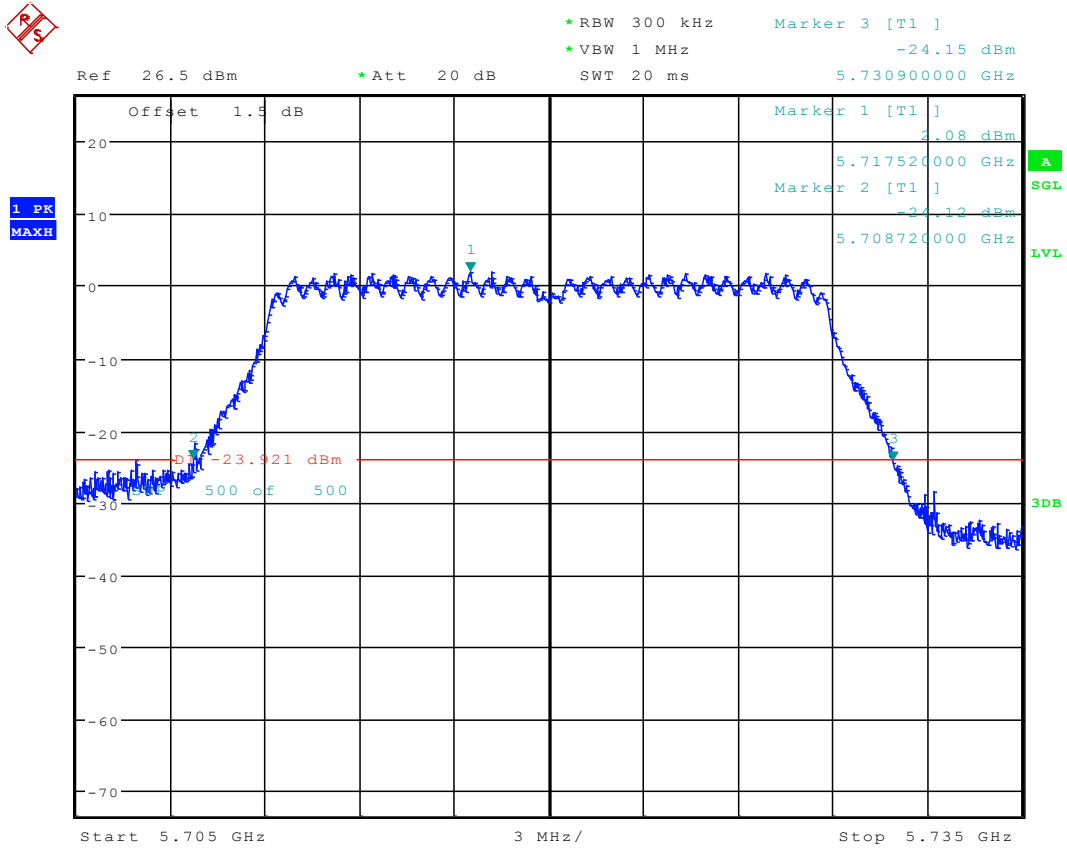
Date: 18.JAN.2018 15:57:02

### 3.111 11AC20MIMO\_144 ANT 1



Date: 19.JAN.2018 09:56:47

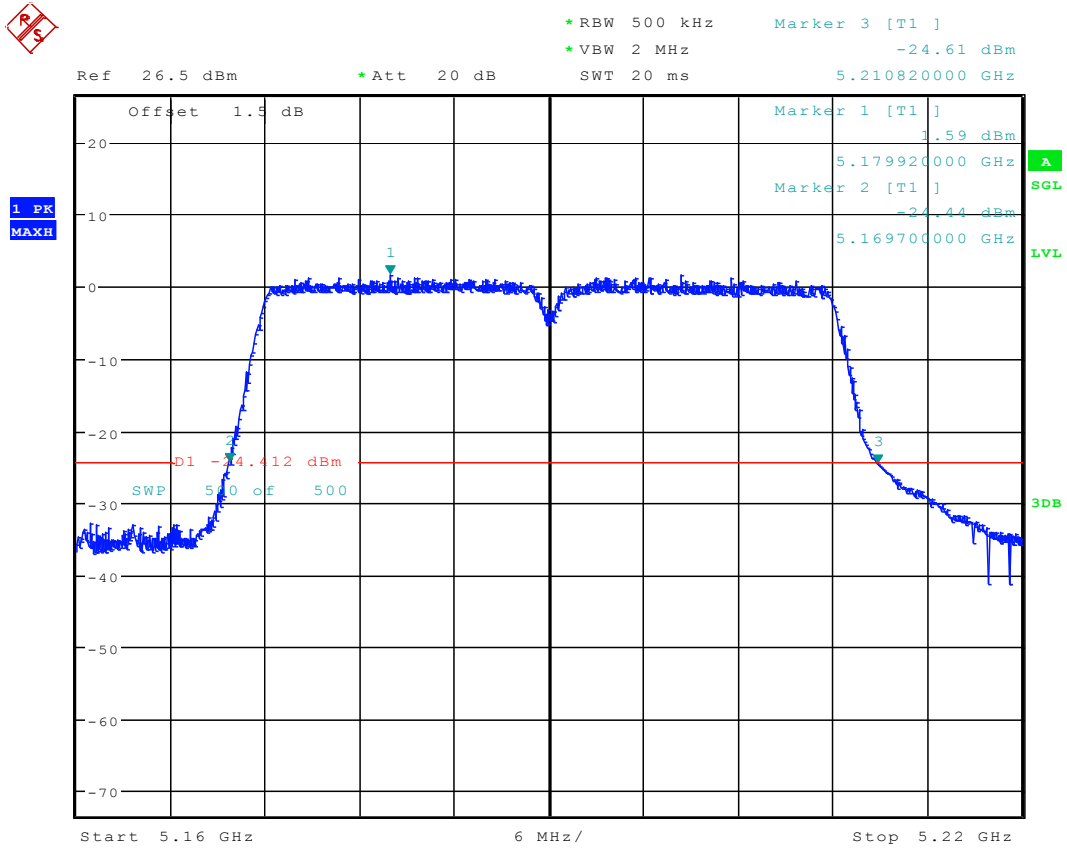
### 3.112 11AC20MIMO\_144 ANT 2



Date: 18.JAN.2018 15:59:33



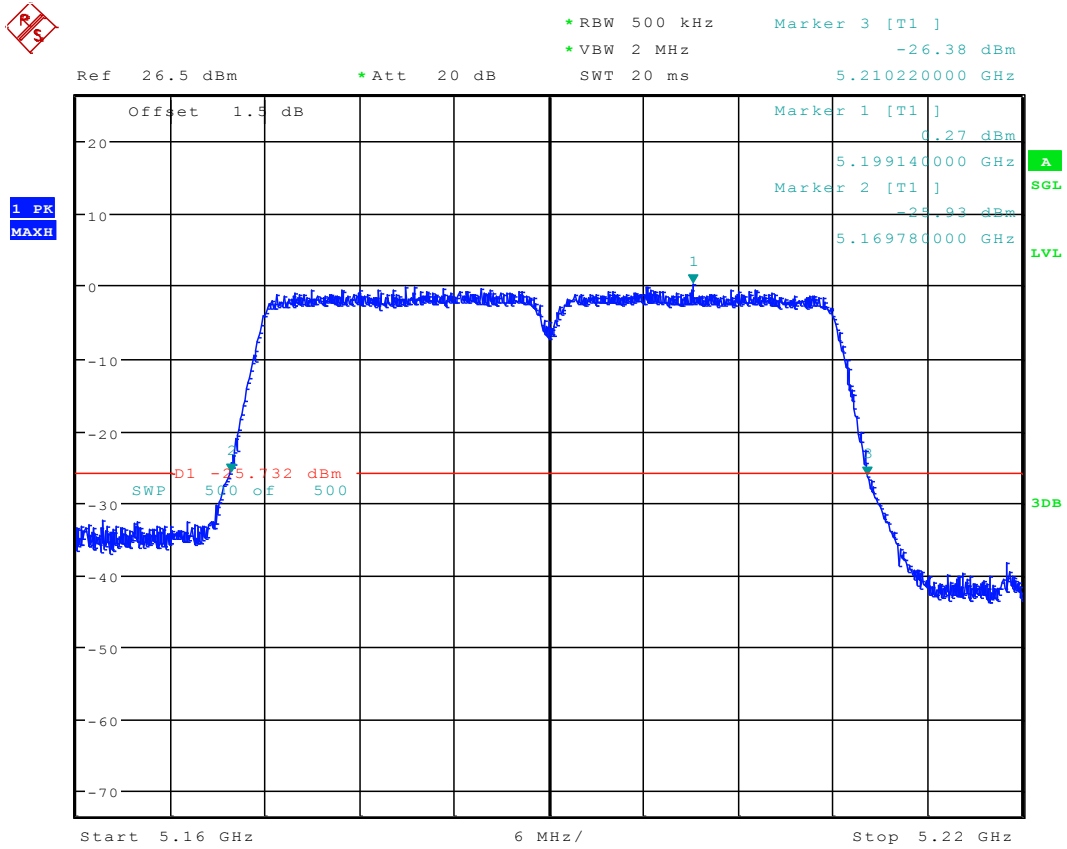
### 3.113 11AC40\_38 ANT 1



Date: 12.JAN.2018 09:36:49



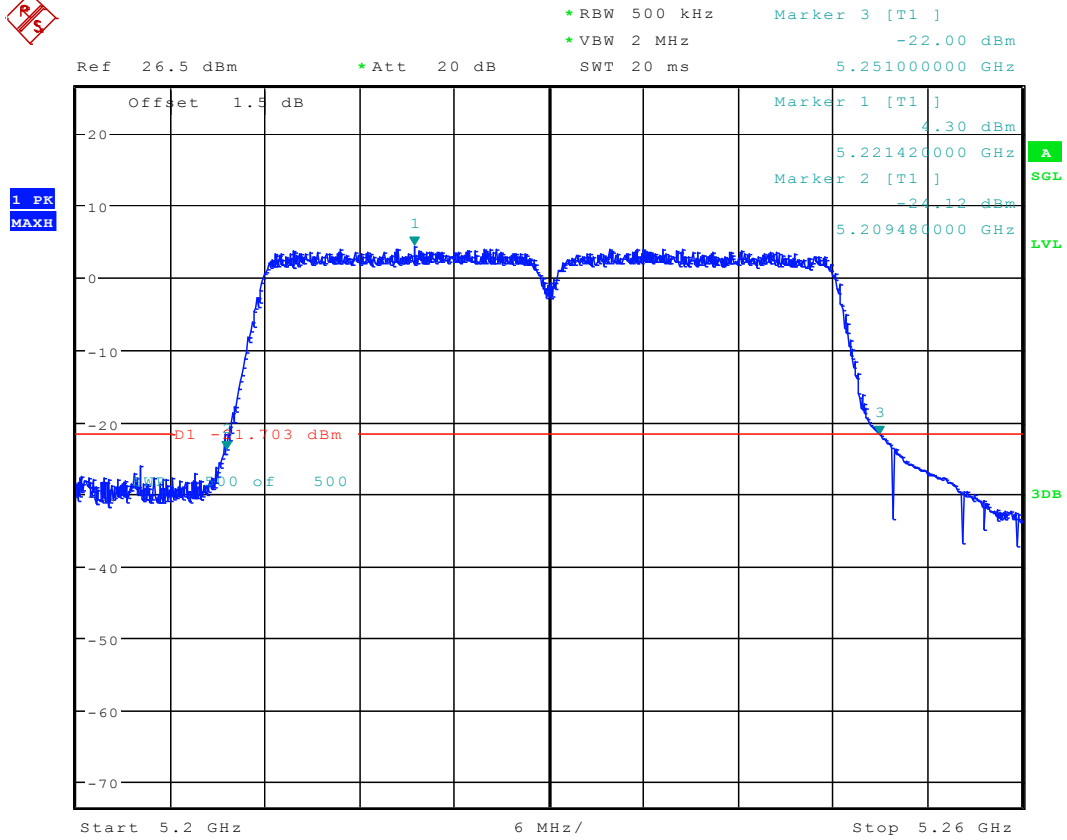
### 3.114 11AC40\_38 ANT 2



Date: 18.JAN.2018 11:13:00

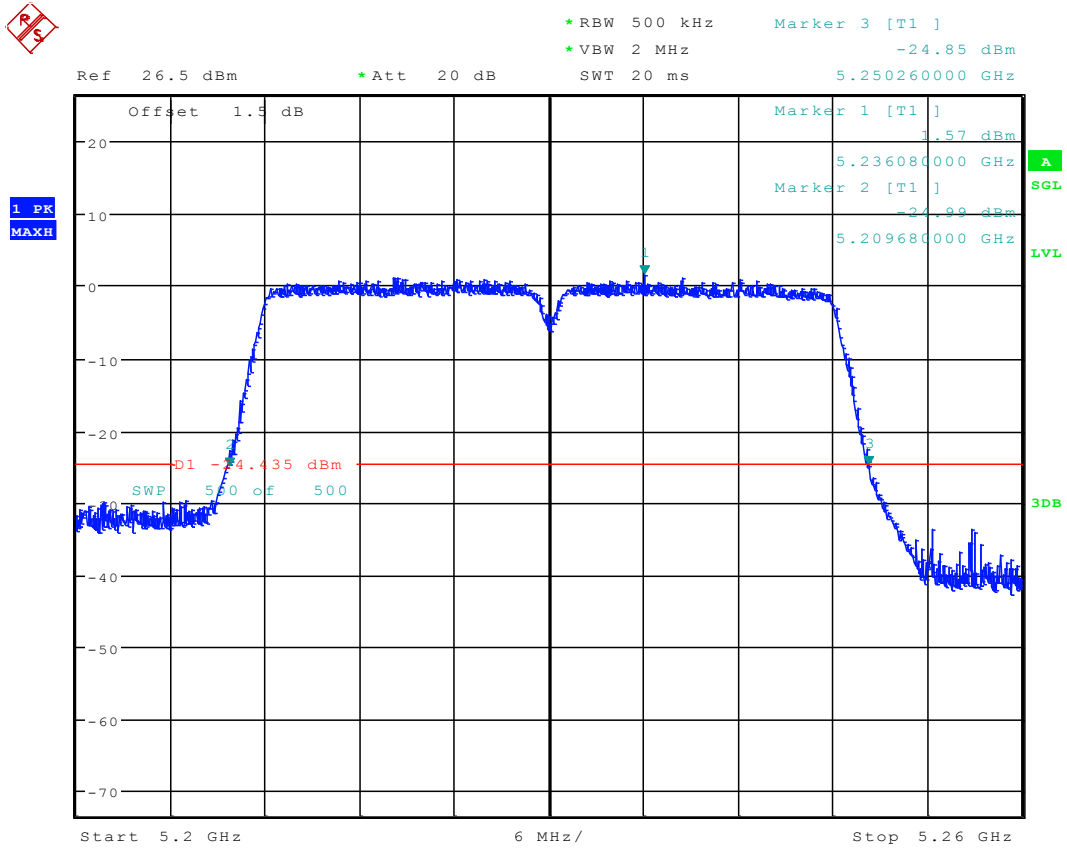


### 3.115 11AC40\_46 ANT 1



Date: 12.JAN.2018 09:46:18

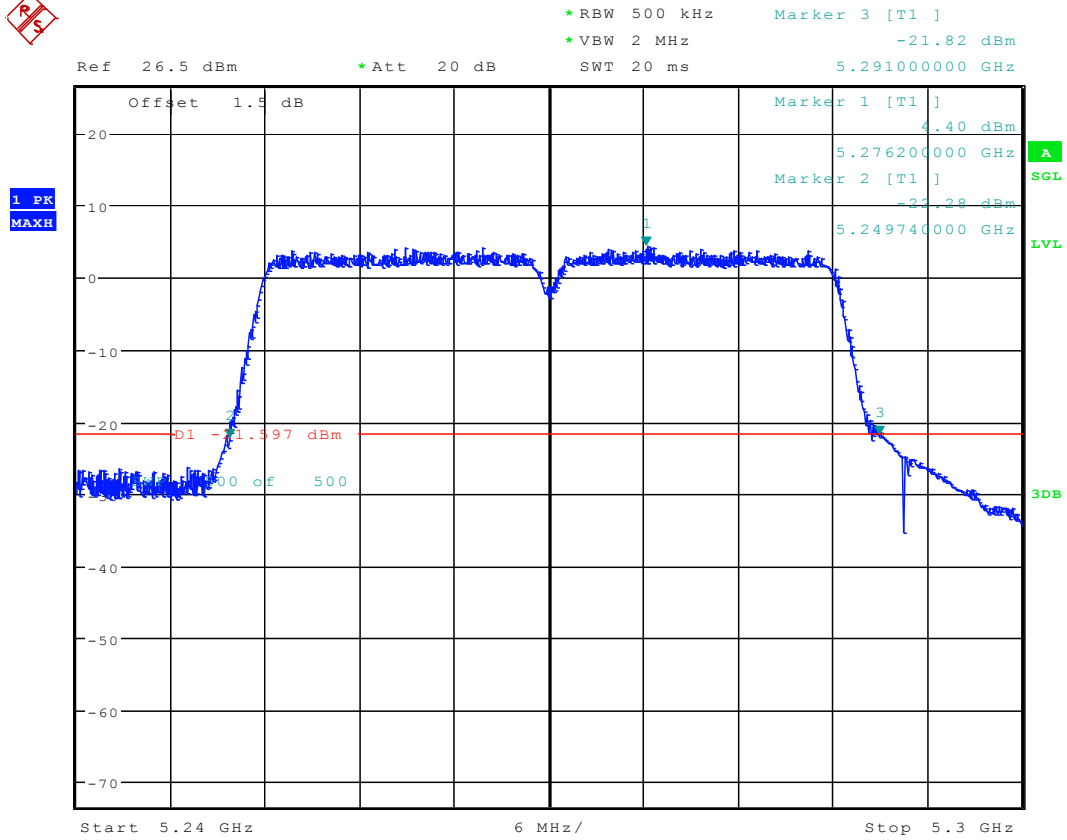
### 3.116 11AC40\_46 ANT 2



Date: 18.JAN.2018 11:15:44

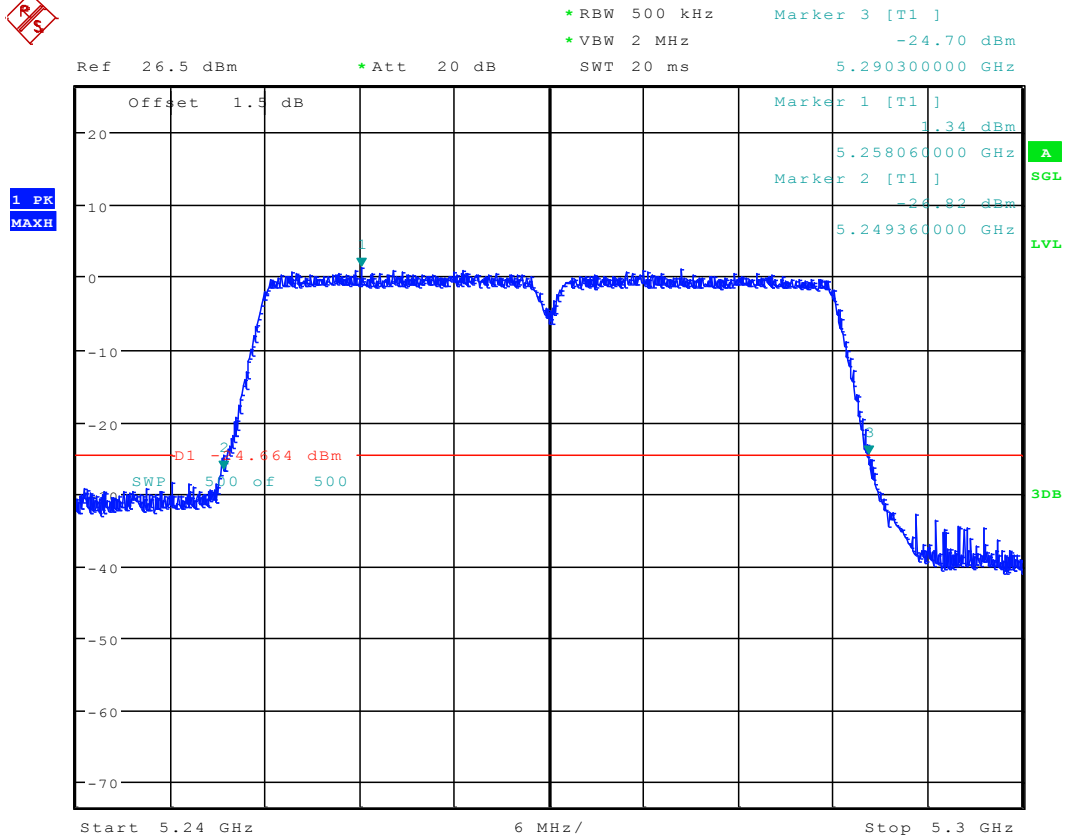


### 3.117 11AC40\_54 ANT 1



Date: 12.JAN.2018 09:49:40

### 3.118 11AC40\_54 ANT 2

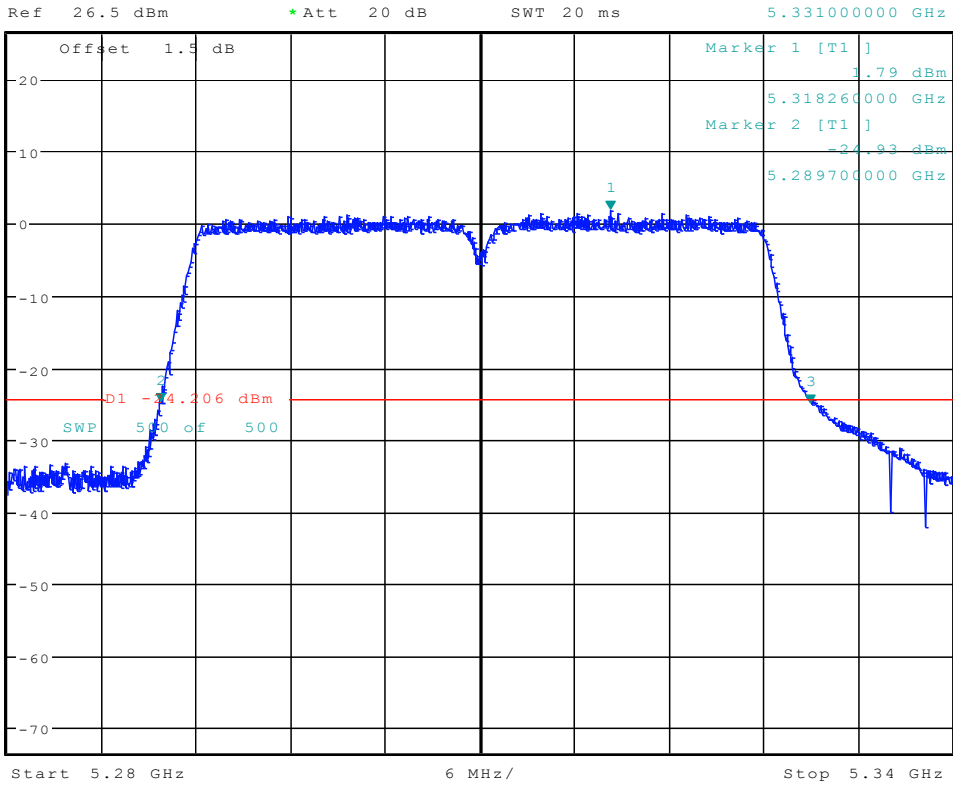


Date: 18.JAN.2018 11:19:40

### 3.119 11AC40\_62 ANT 1

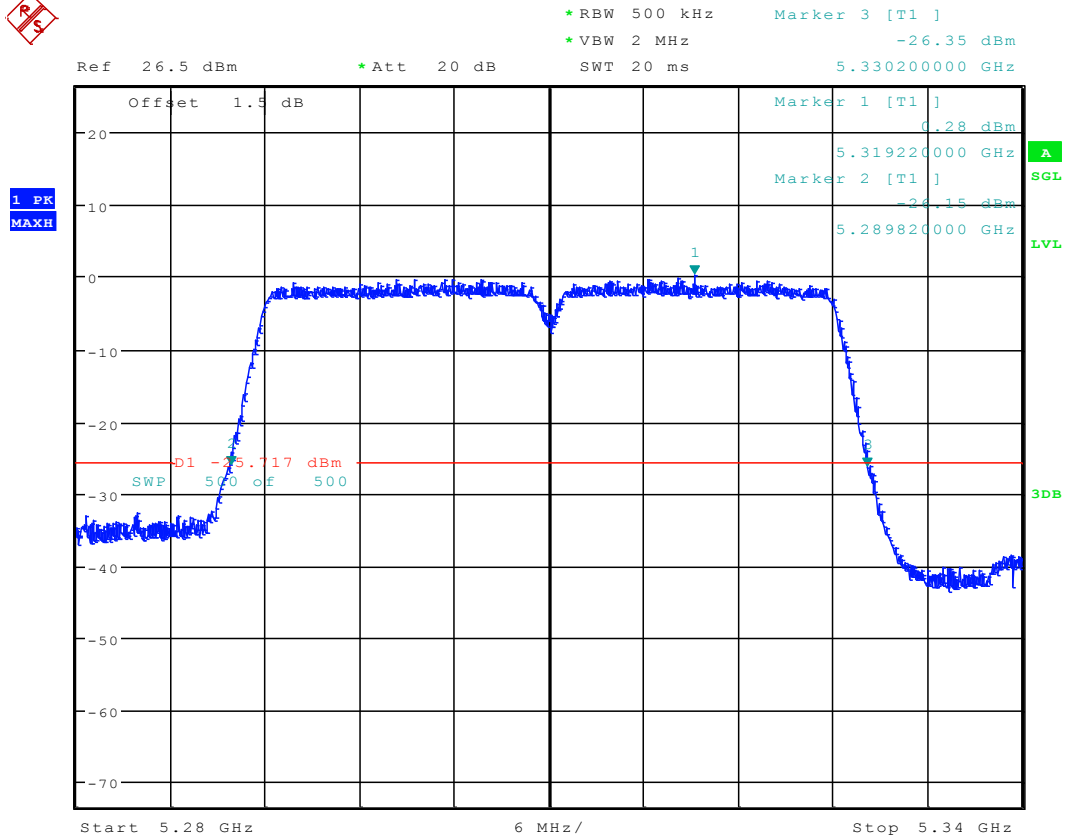


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.00 dBm  
 SWT 20 ms      5.331000000 GHz



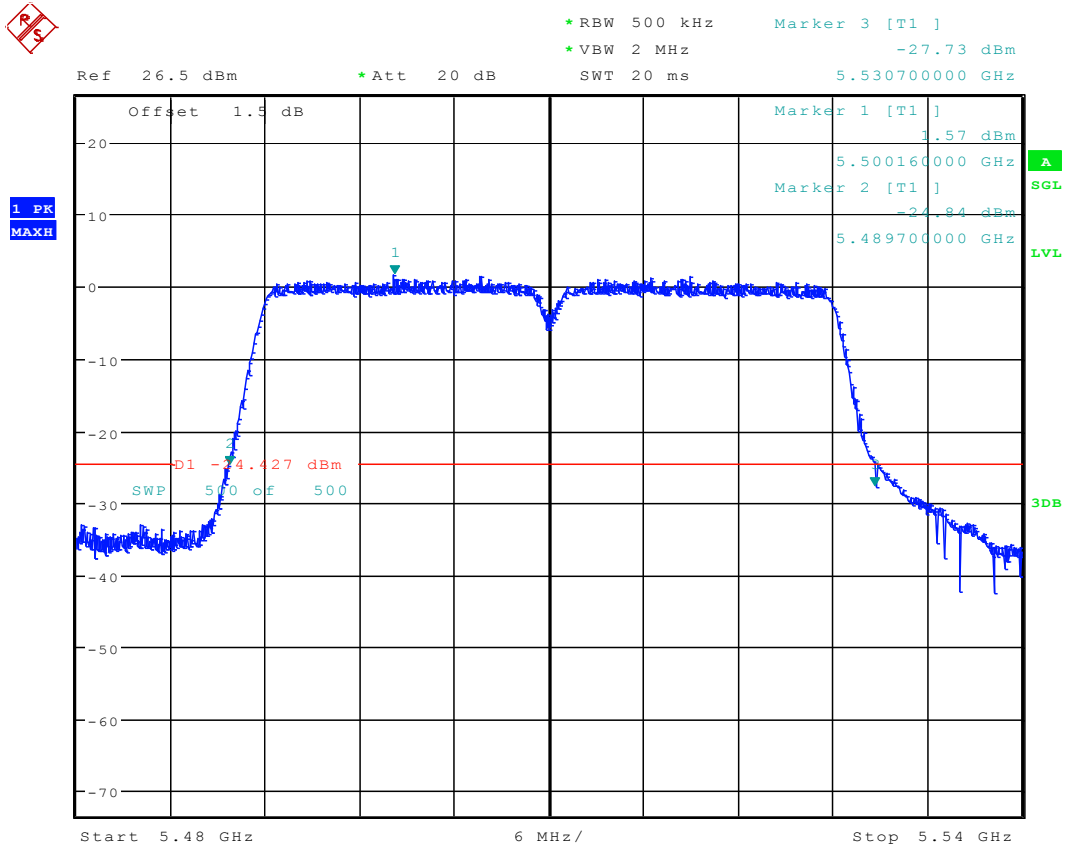
Date: 12.JAN.2018 09:51:27

### 3.120 11AC40\_62 ANT 2



Date: 18.JAN.2018 11:22:06

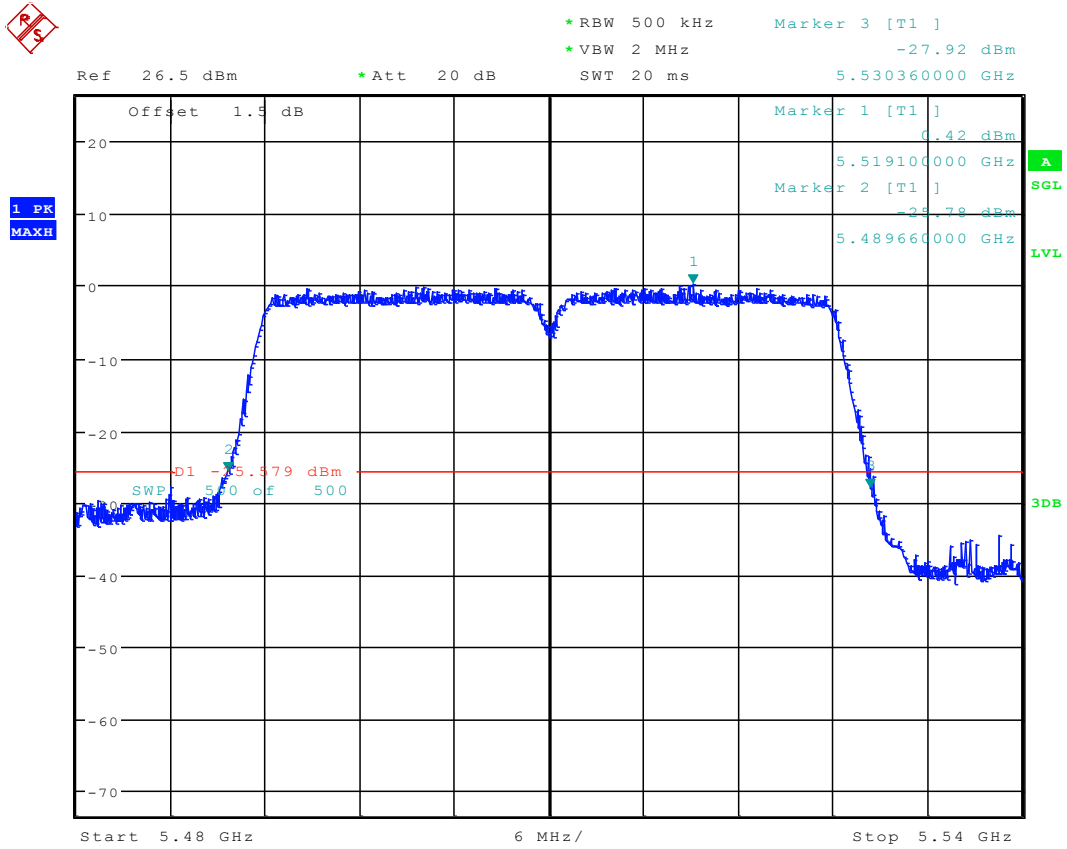
3.121 11AC40\_102 ANT 1



Date: 12.JAN.2018 09:53:47



### 3.122 11AC40\_102 ANT 2



Date: 18.JAN.2018 11:24:50



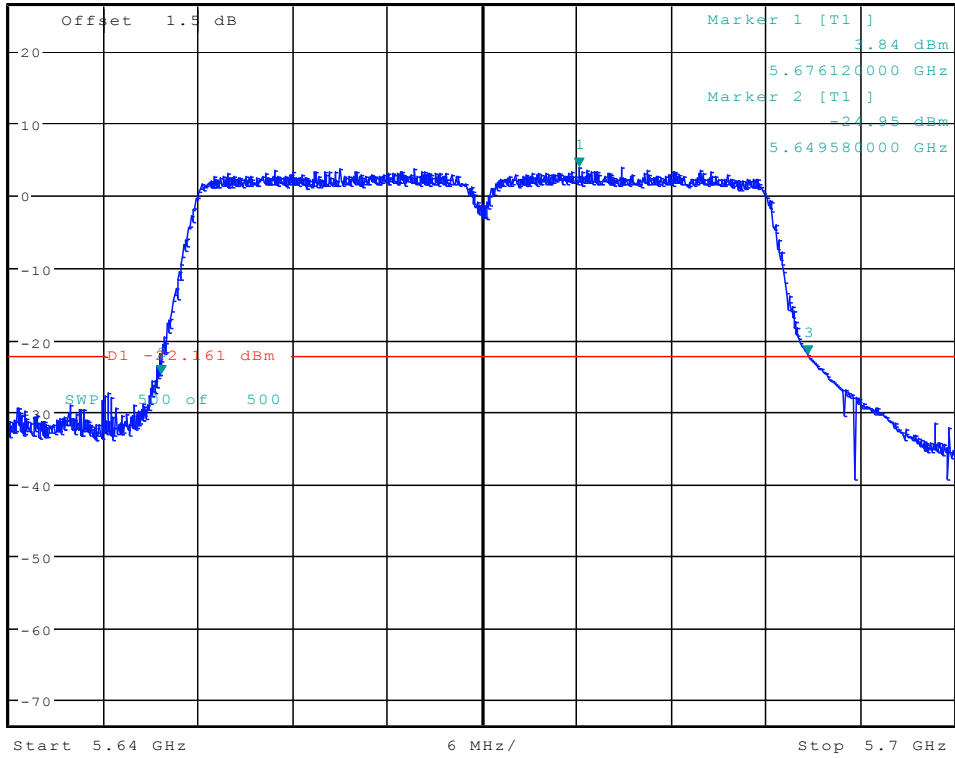
### 3.123 11AC40\_134 ANT 1



\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -22.19 dBm  
 SWT 20 ms      5.690680000 GHz

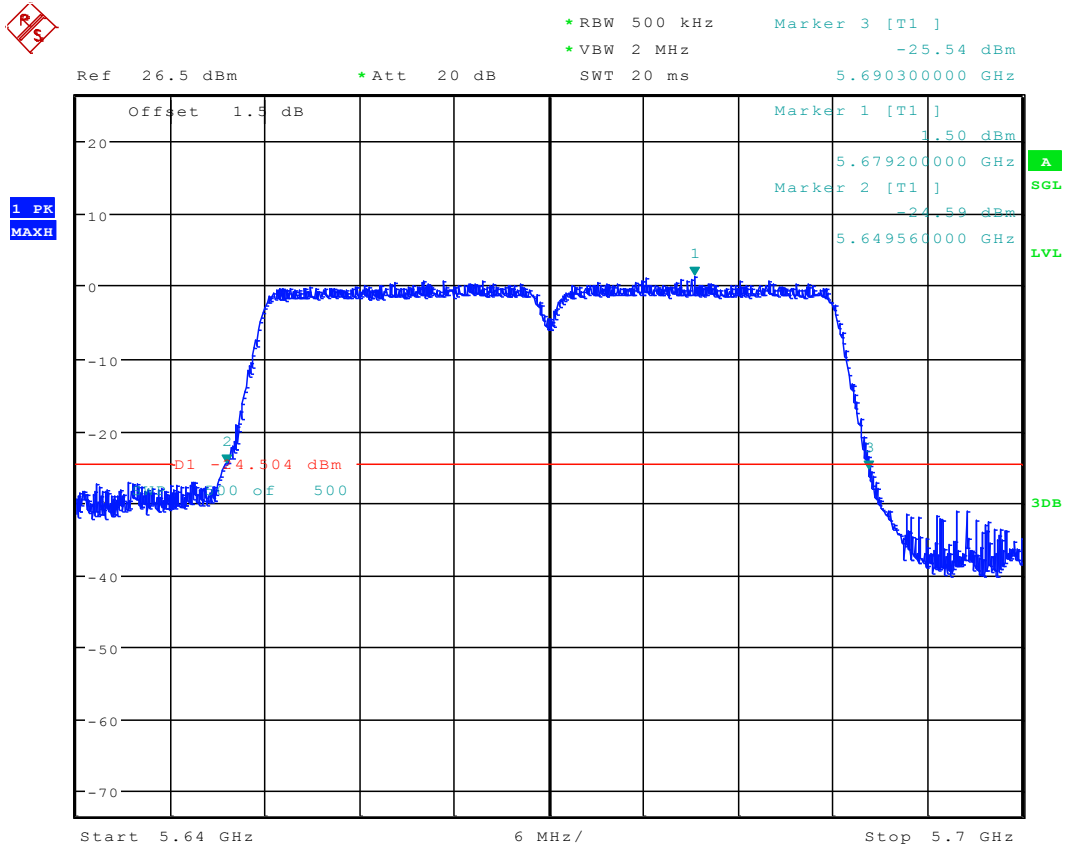
Ref 26.5 dBm      \*Att 20 dB

1 PK  
 MAXH



Date: 12.JAN.2018 09:58:16

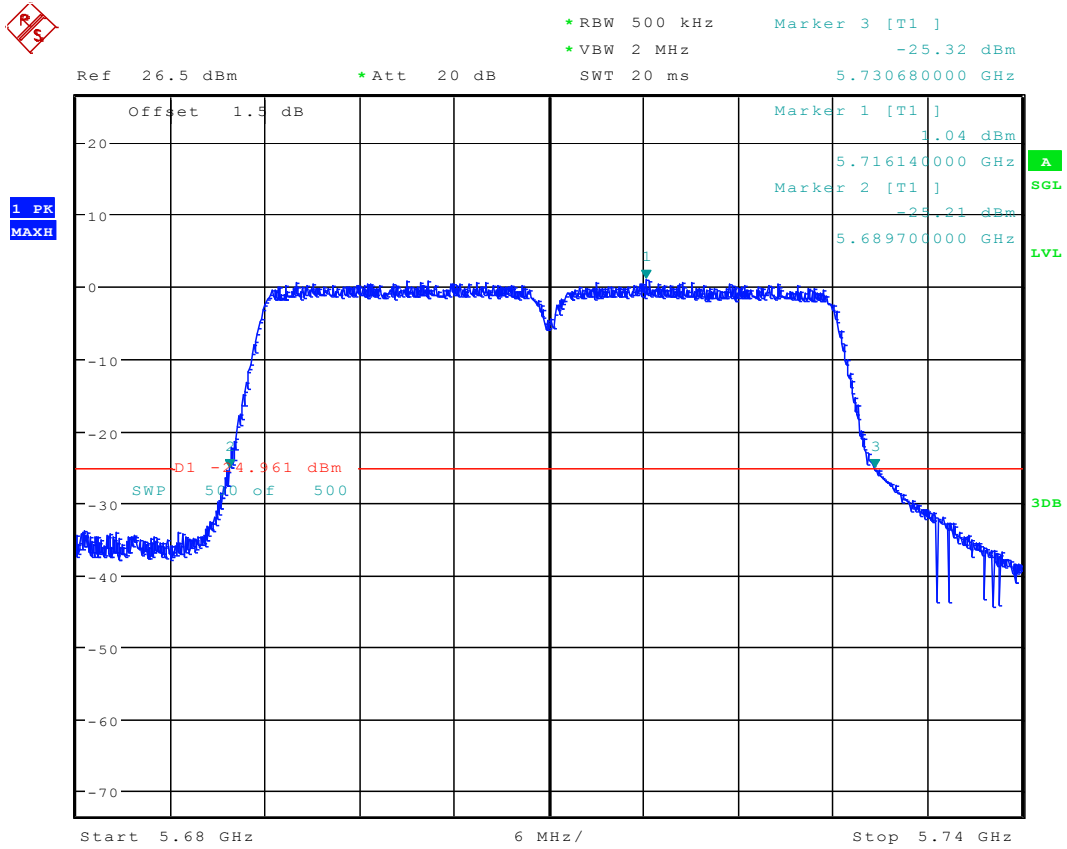
### 3.124 11AC40\_134 ANT 2



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

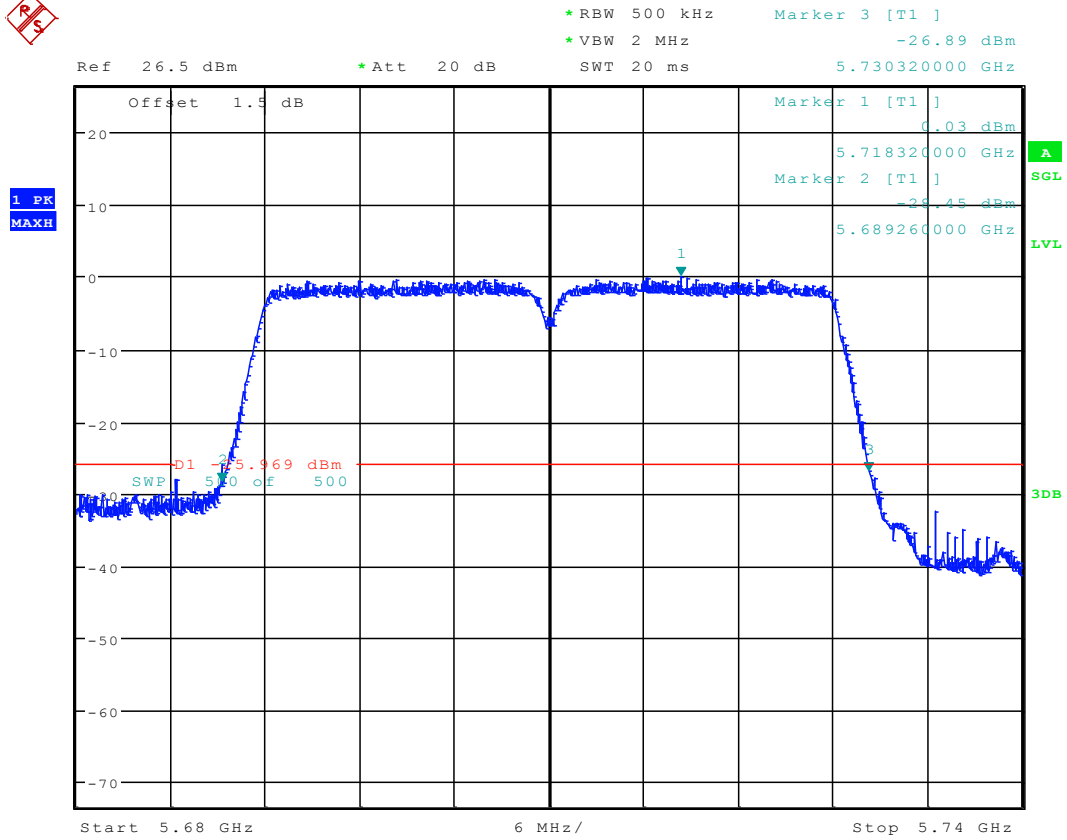


### 3.125 11AC40\_142 ANT 1



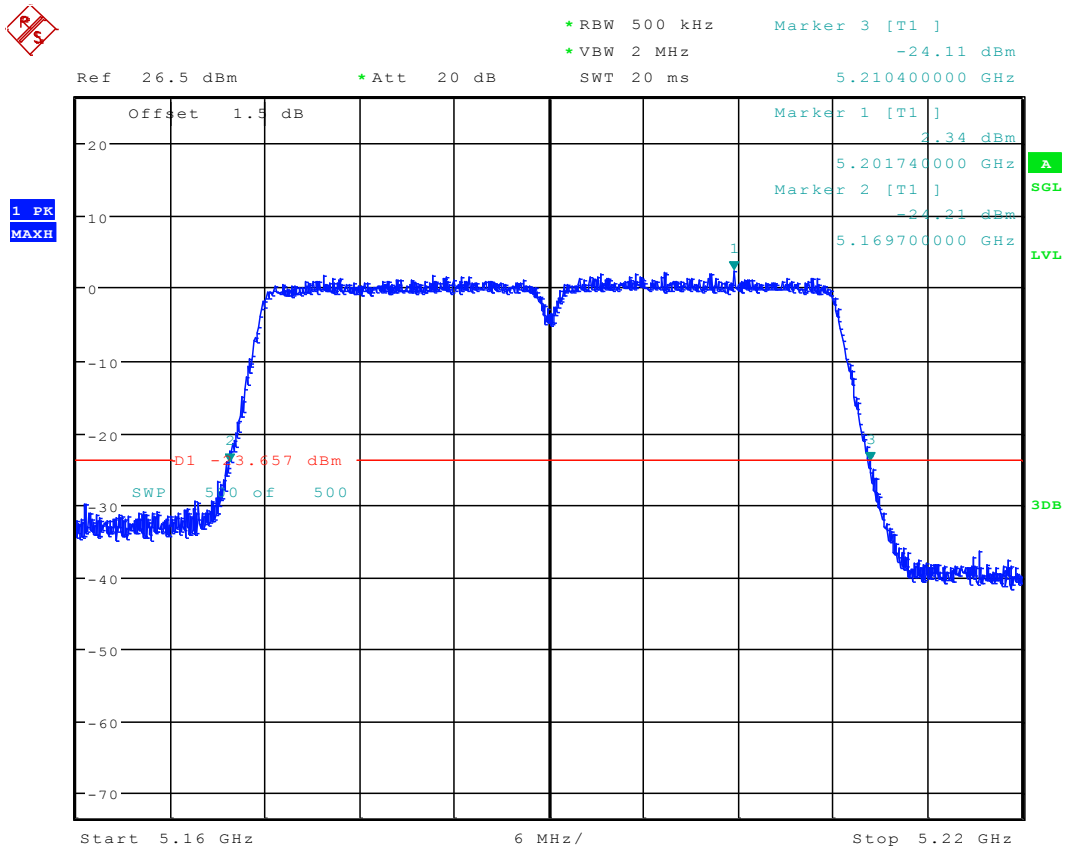
Date: 12.JAN.2018 10:00:14

### 3.126 11AC40\_142 ANT 2



Date: 18.JAN.2018 11:30:49

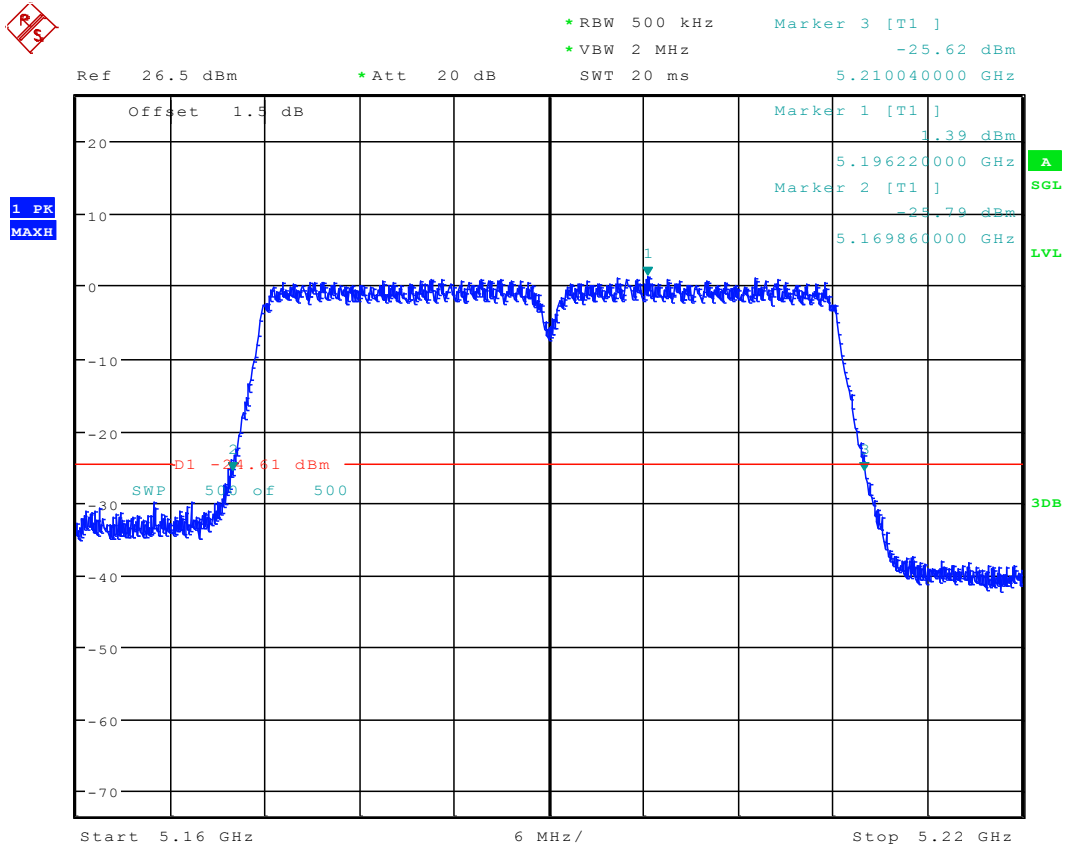
### 3.127 11AC40MIMO\_38 ANT 1



Date: 19.JAN.2018 10:33:00



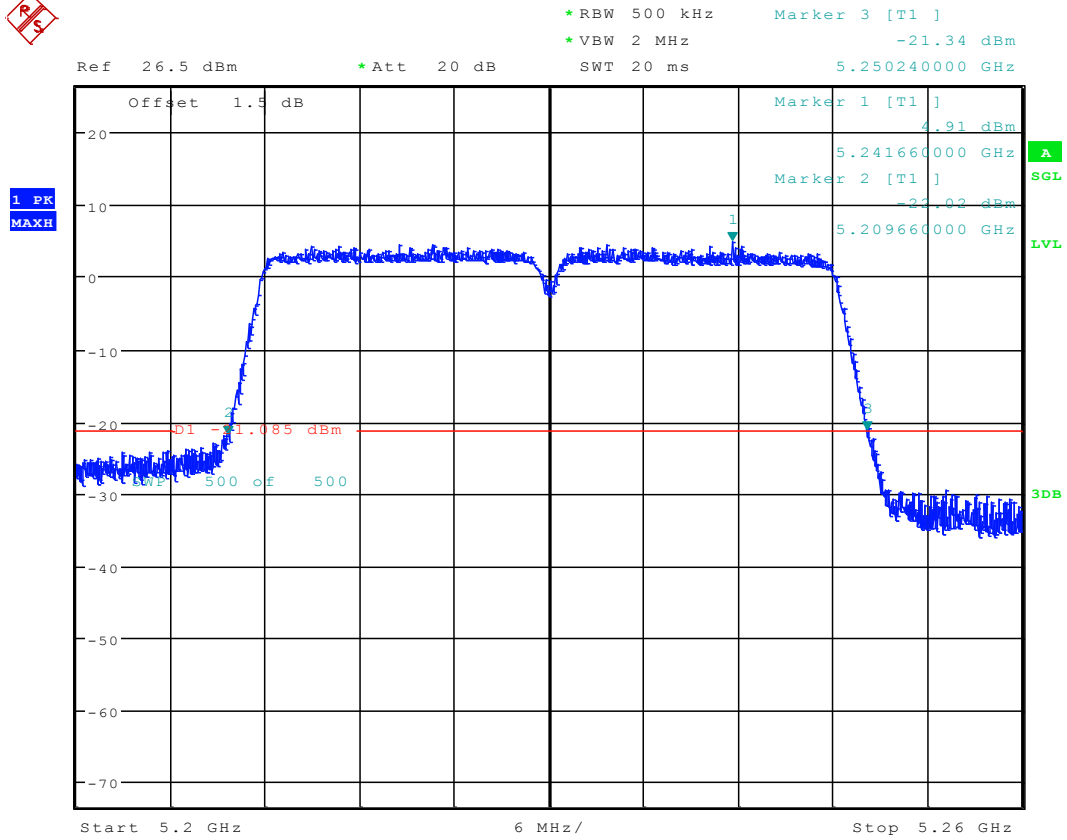
### 3.128 11AC40MIMO\_38 ANT 2



Date: 18.JAN.2018 16:34:21



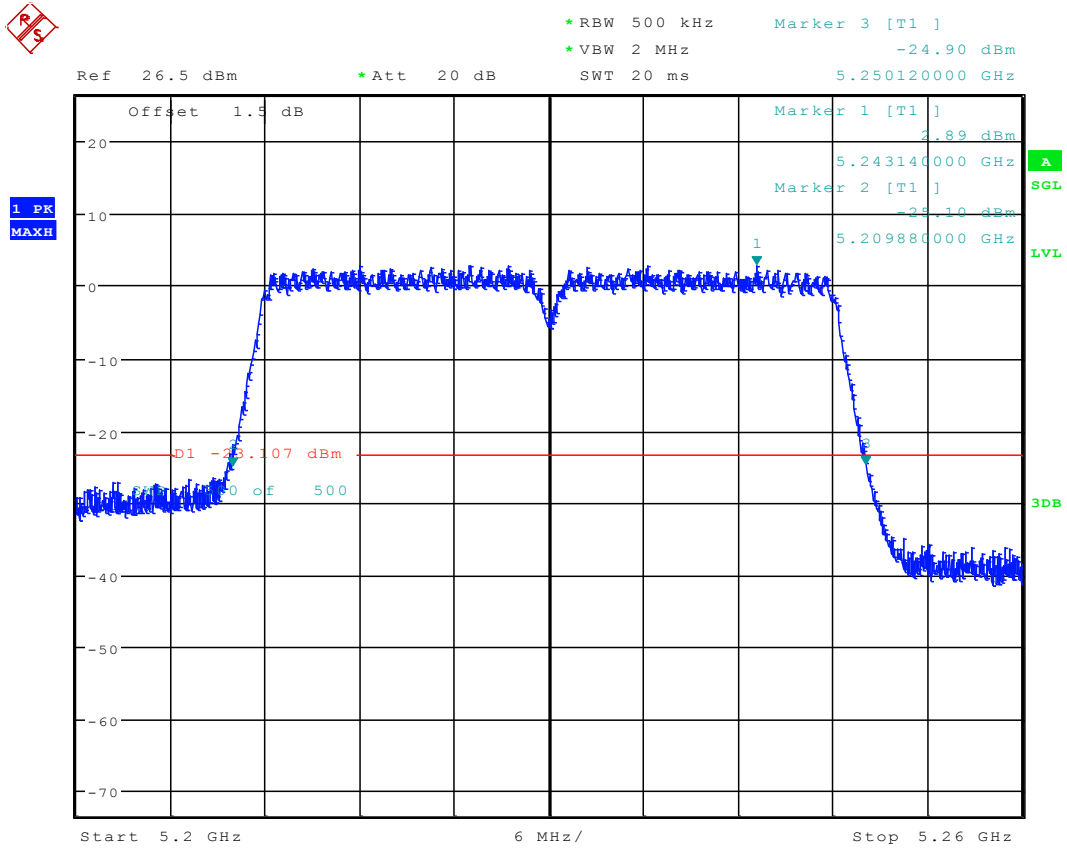
### 3.129 11AC40MIMO\_46 ANT 1



Date: 19.JAN.2018 10:35:20



### 3.130 11AC40MIMO\_46 ANT 2



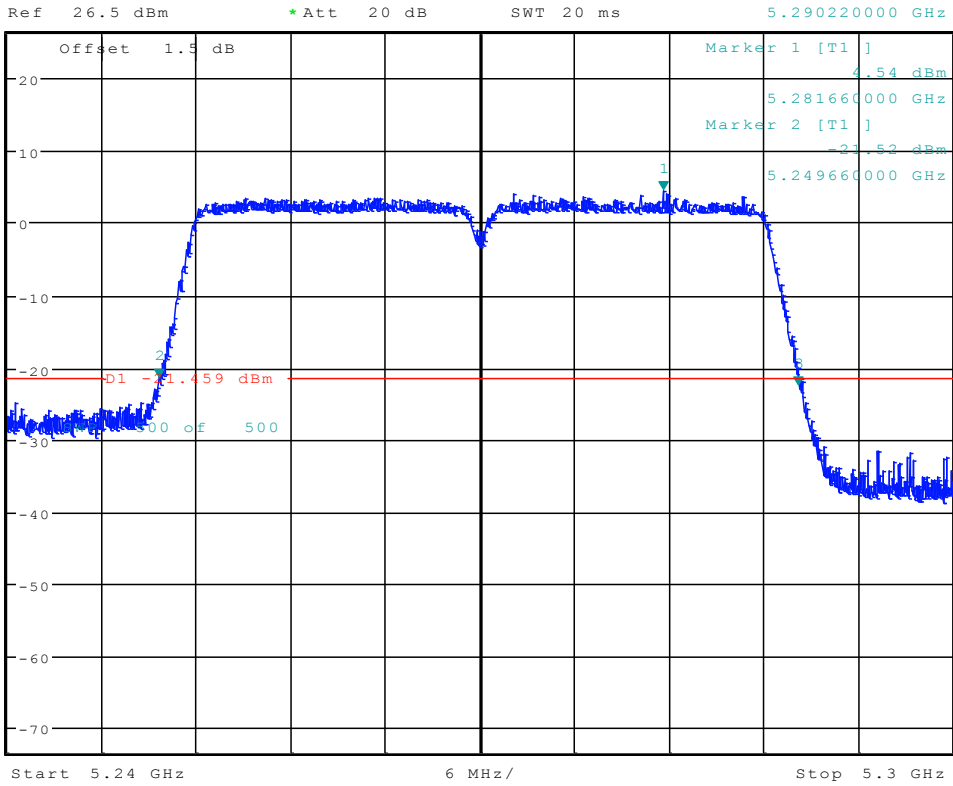
Date: 18.JAN.2018 16:39:32



### 3.131 11AC40MIMO\_54 ANT 1

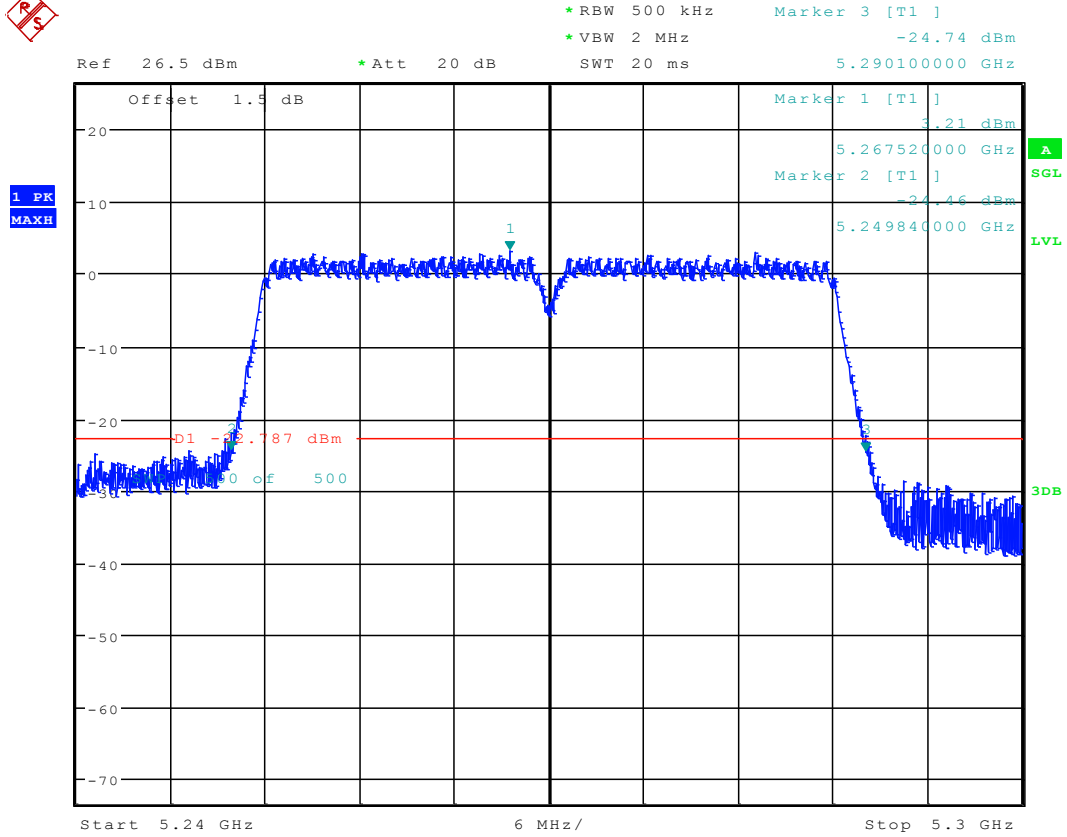


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -22.61 dBm  
 SWT 20 ms      5.290220000 GHz



Date: 19.JAN.2018 10:38:19

### 3.132 11AC40MIMO\_54 ANT 2

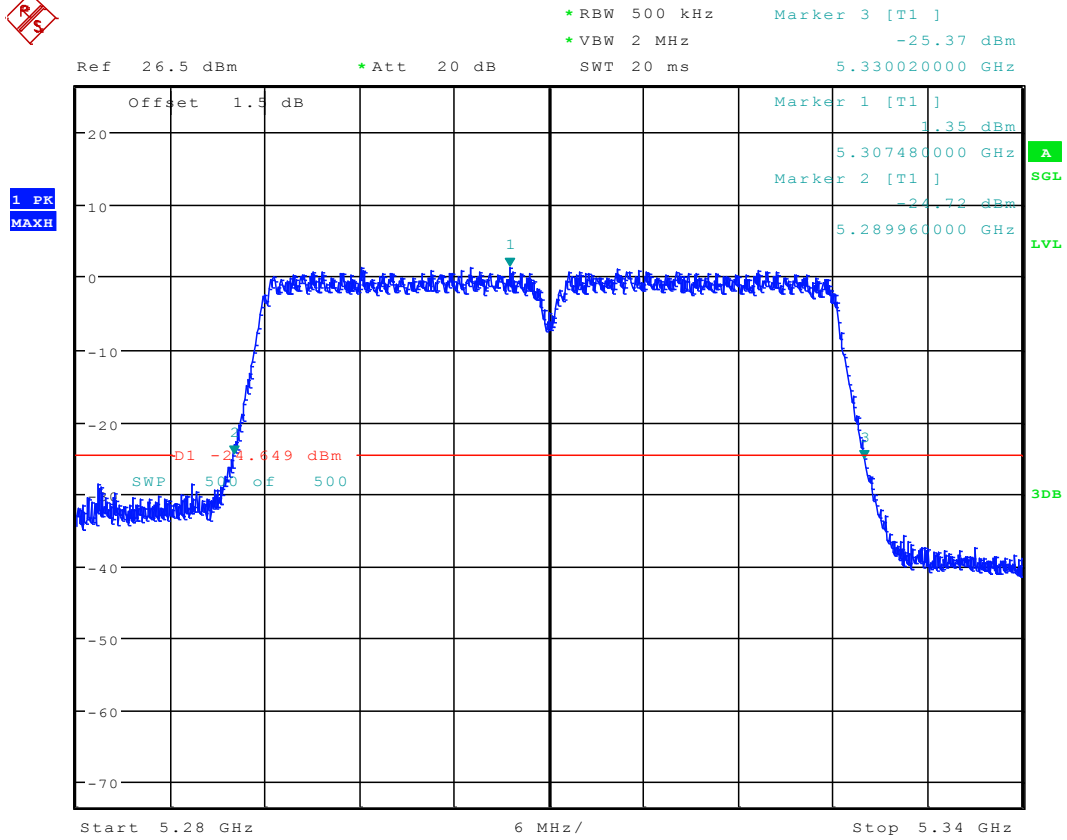


Date: 18.JAN.2018 16:42:09



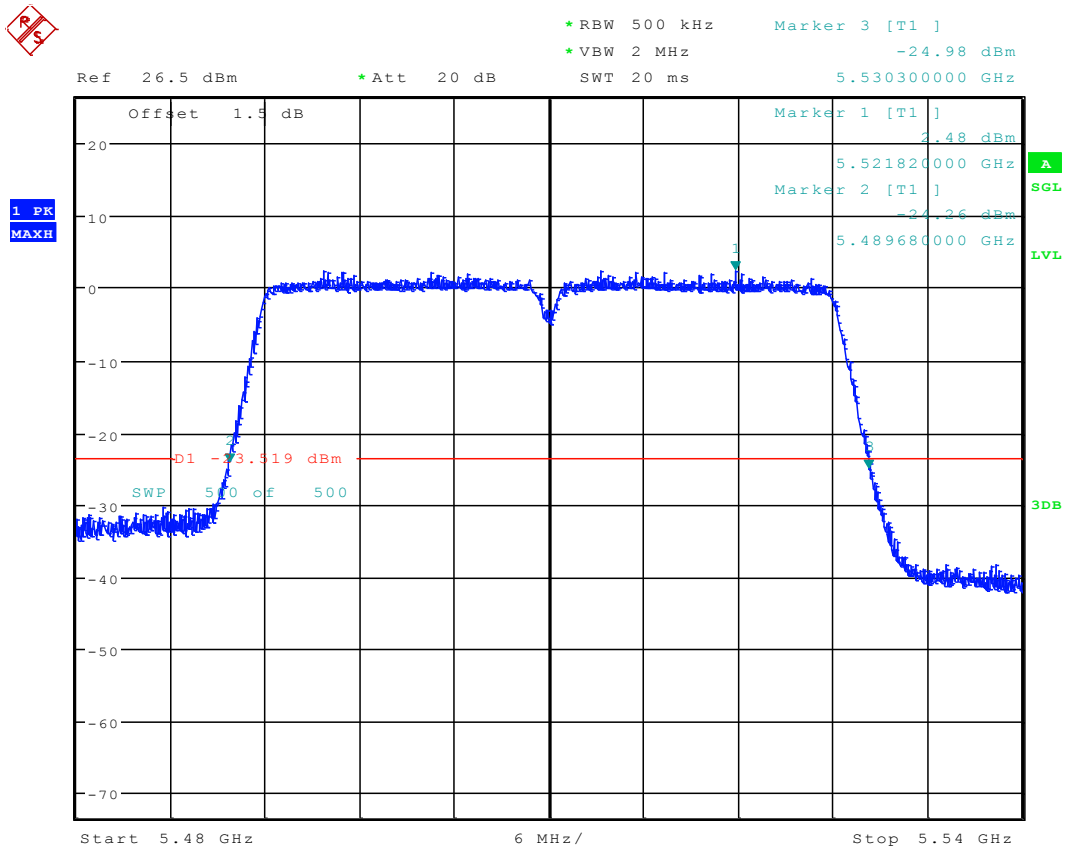


### 3.134 11AC40MIMO\_62 ANT 2



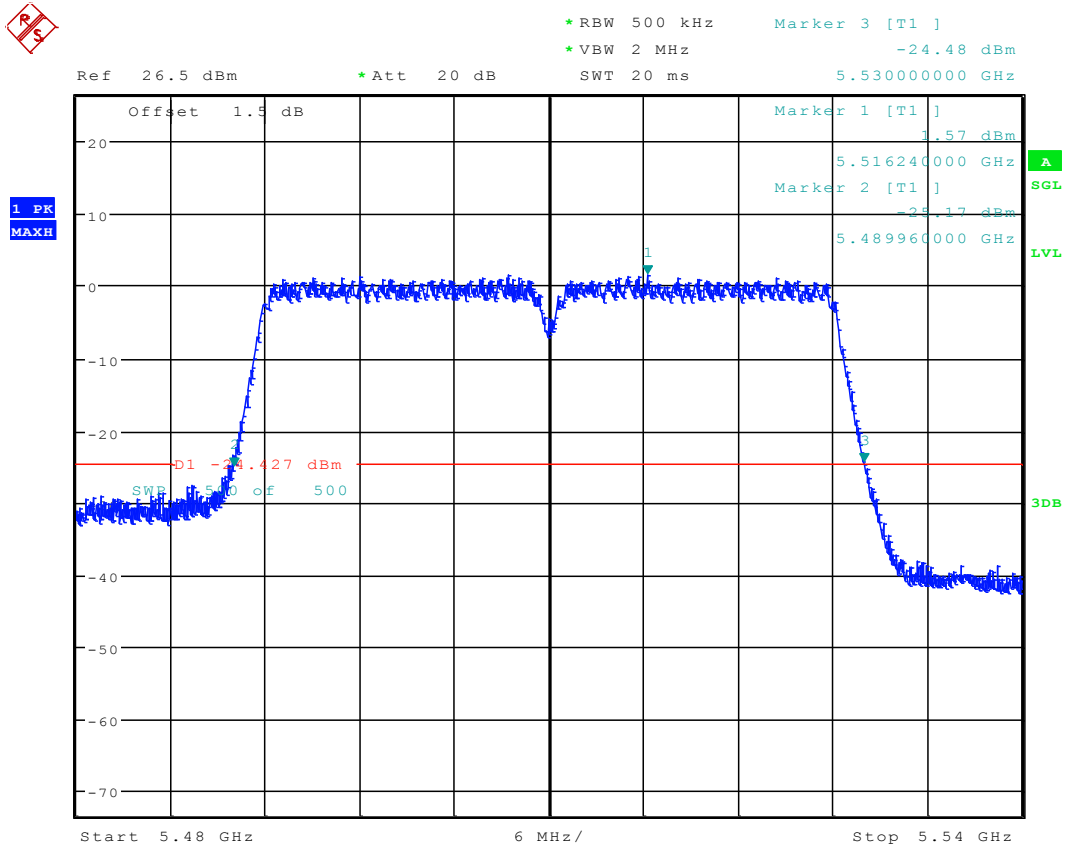
Date: 18.JAN.2018 16:44:29

### 3.135 11AC40MIMO\_102 ANT 1



Date: 19.JAN.2018 10:43:24

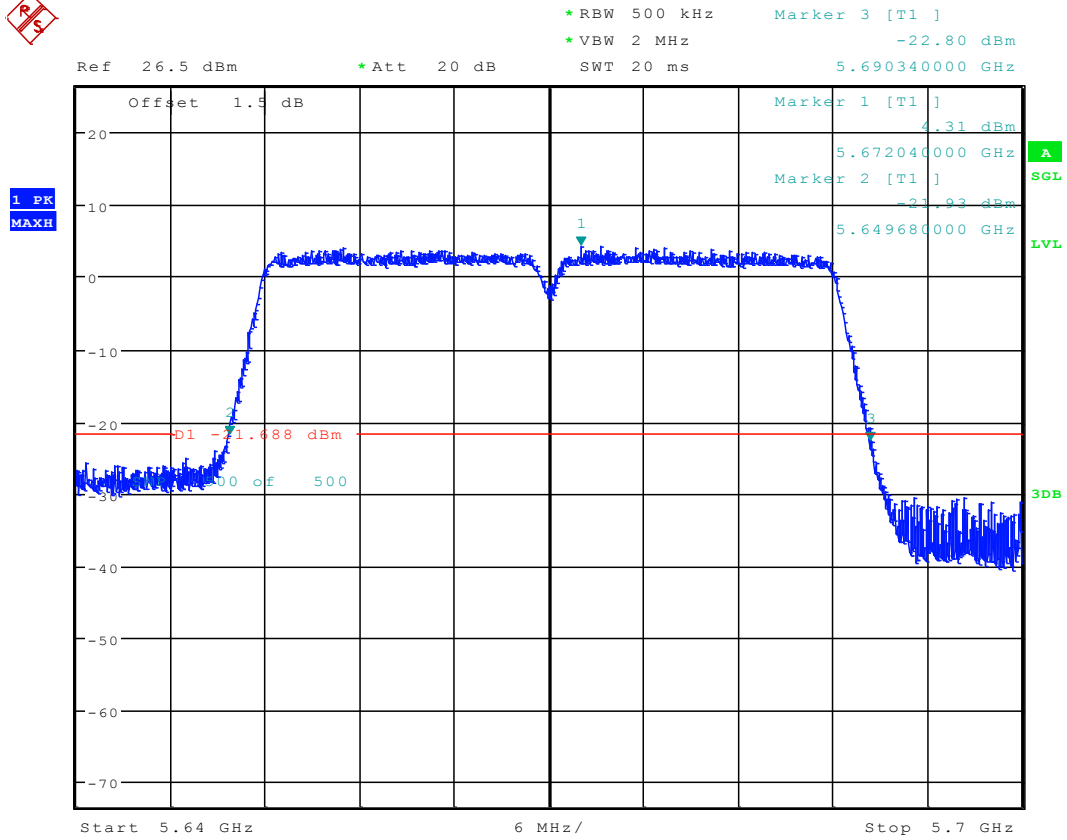
### 3.136 11AC40MIMO\_102 ANT 2



Date: 18.JAN.2018 16:46:56



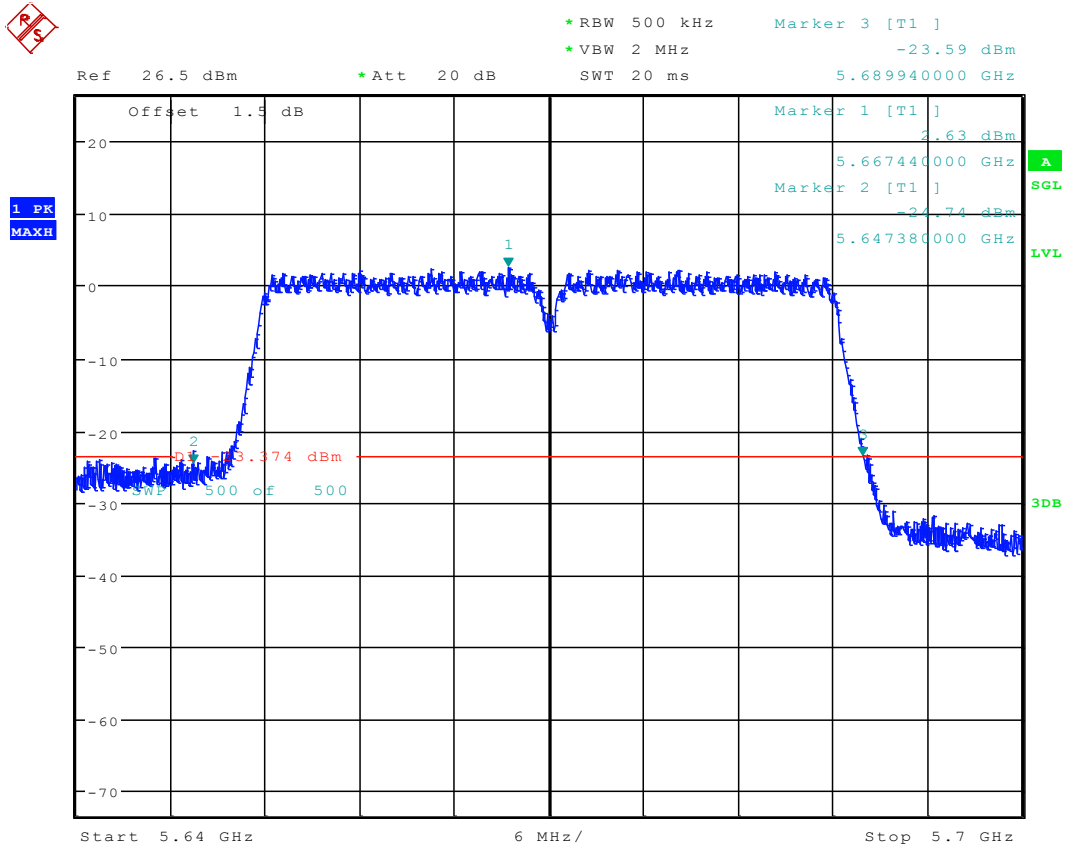
### 3.137 11AC40MIMO\_134 ANT 1



Date: 19.JAN.2018 10:45:46



### 3.138 11AC40MIMO\_134 ANT 2

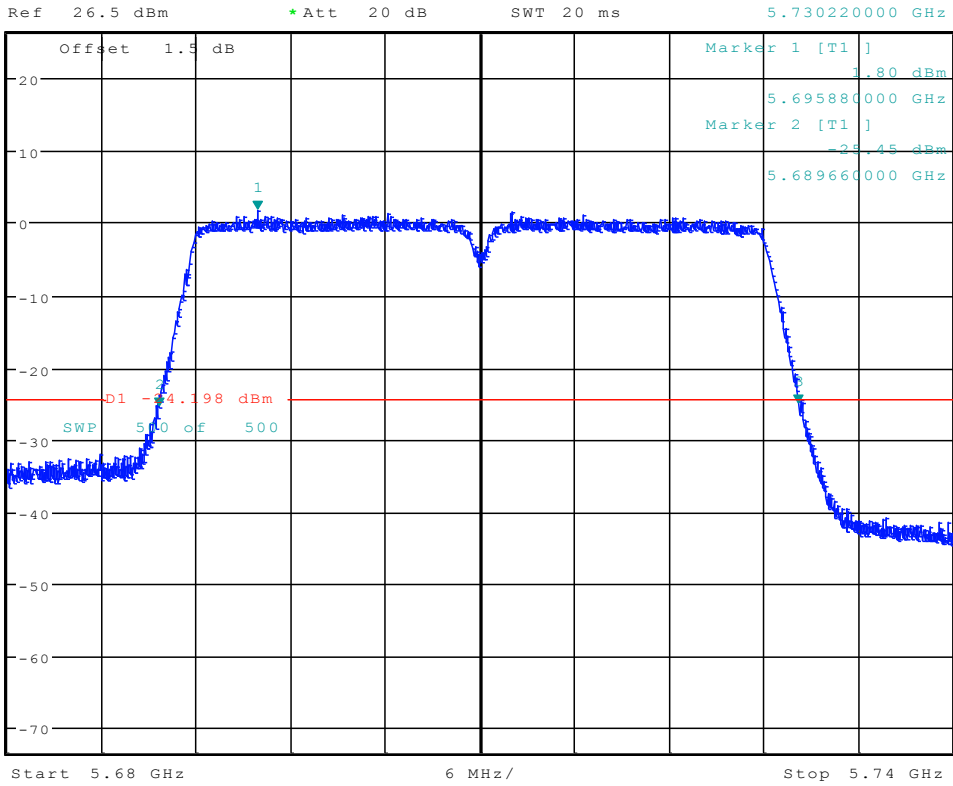


Date: 18.JAN.2018 16:51:53

### 3.139 11AC40MIMO\_142 ANT 1

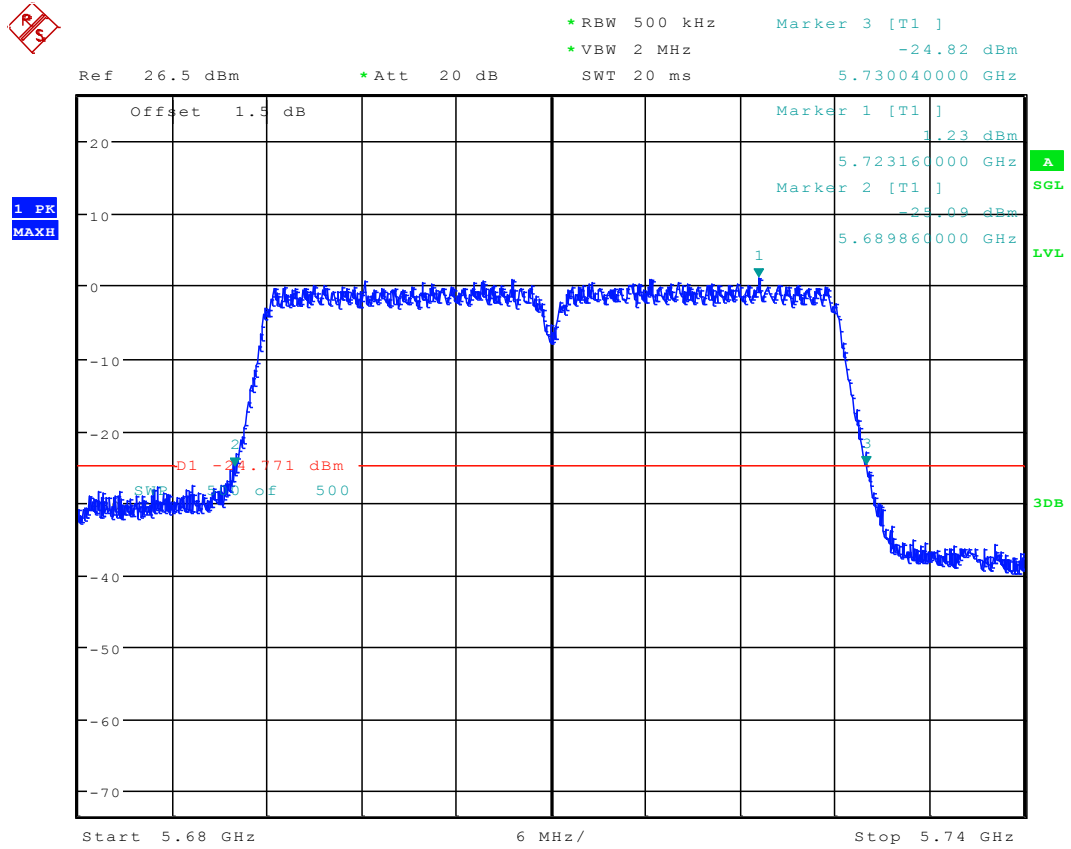


\*RBW 500 kHz      Marker 3 [T1 ]  
 \*VBW 2 MHz      -25.16 dBm  
 SWT 20 ms      5.730220000 GHz



Date: 19.JAN.2018 10:48:04

## 3.140 11AC40MIMO\_142 ANT 2



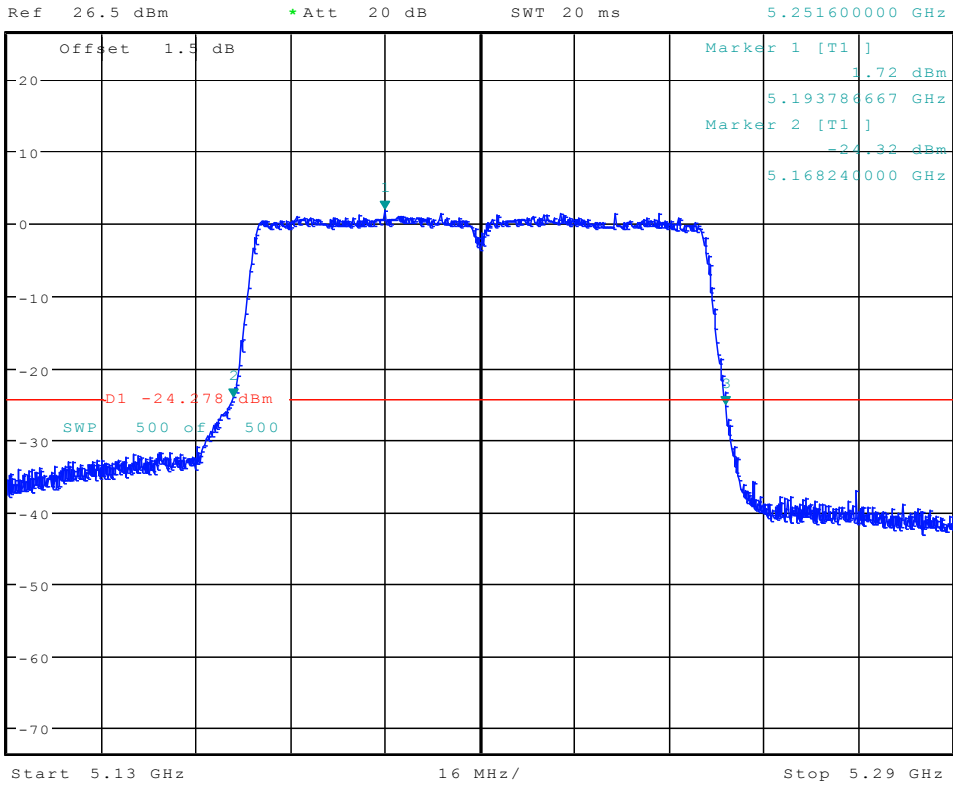
Date: 18.JAN.2018 16:54:07



### 3.141 11AC80\_42 ANT 1



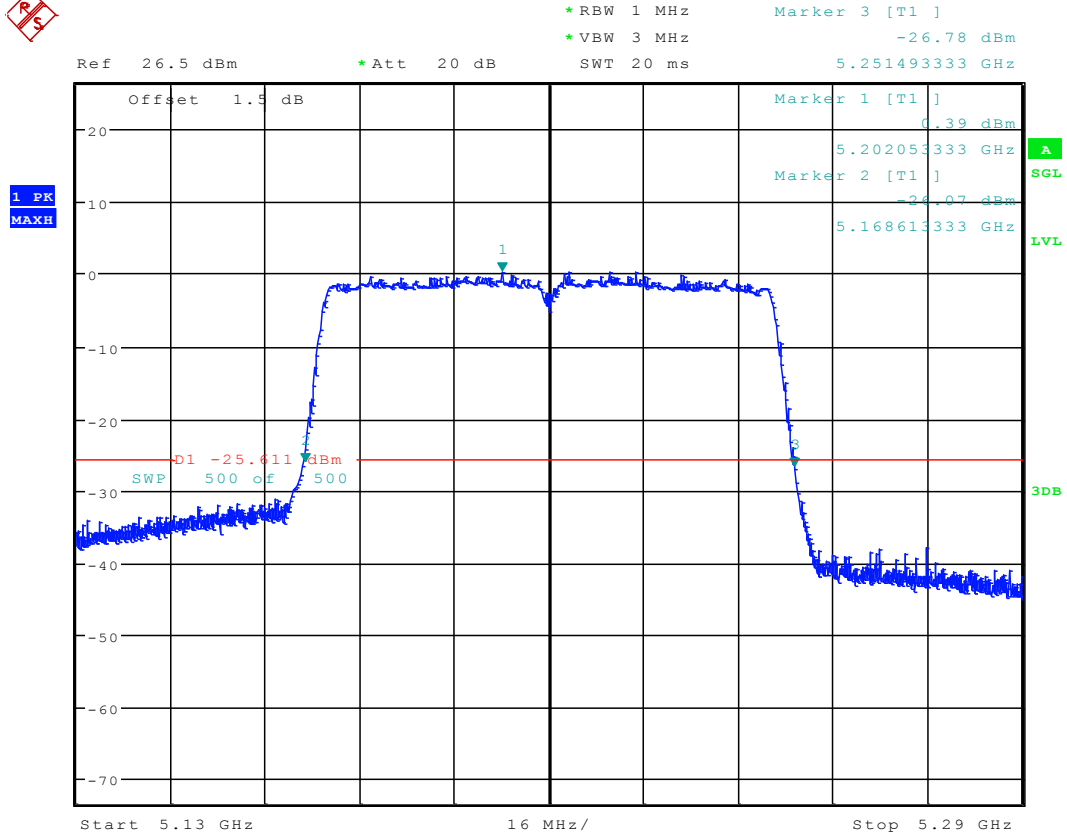
\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -25.34 dBm  
 SWT 20 ms      5.251600000 GHz



Date: 12.JAN.2018 10:11:24



### 3.142 11AC80\_42 ANT 2



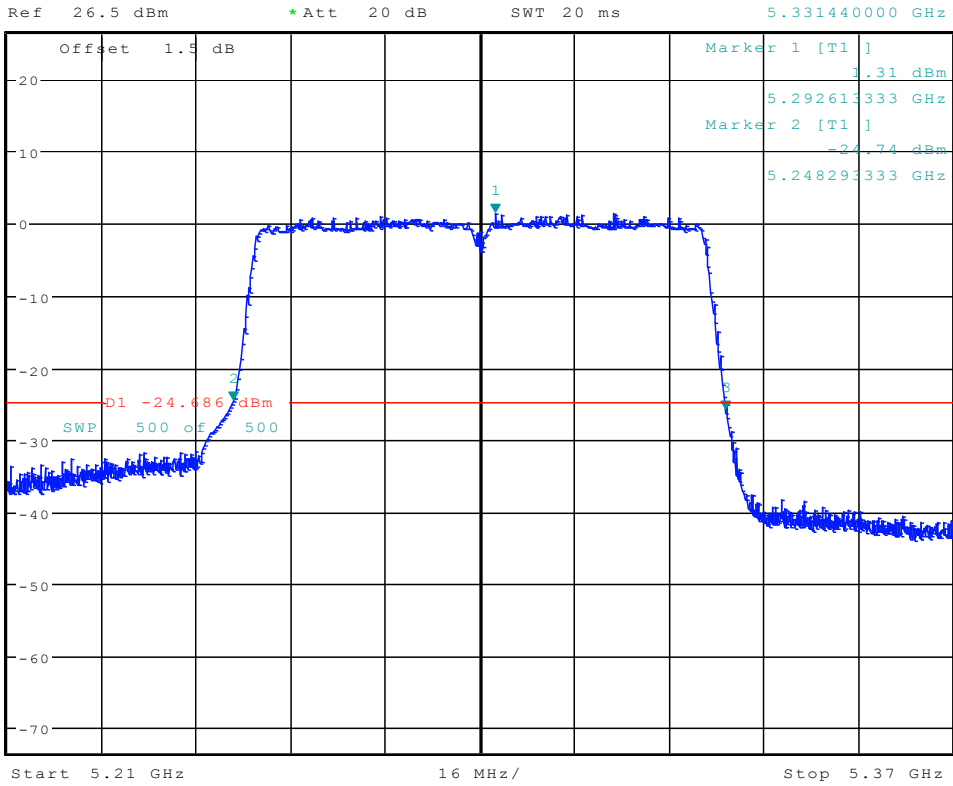
Date: 18.JAN.2018 11:42:49



### 3.143 11AC80\_58 ANT 1

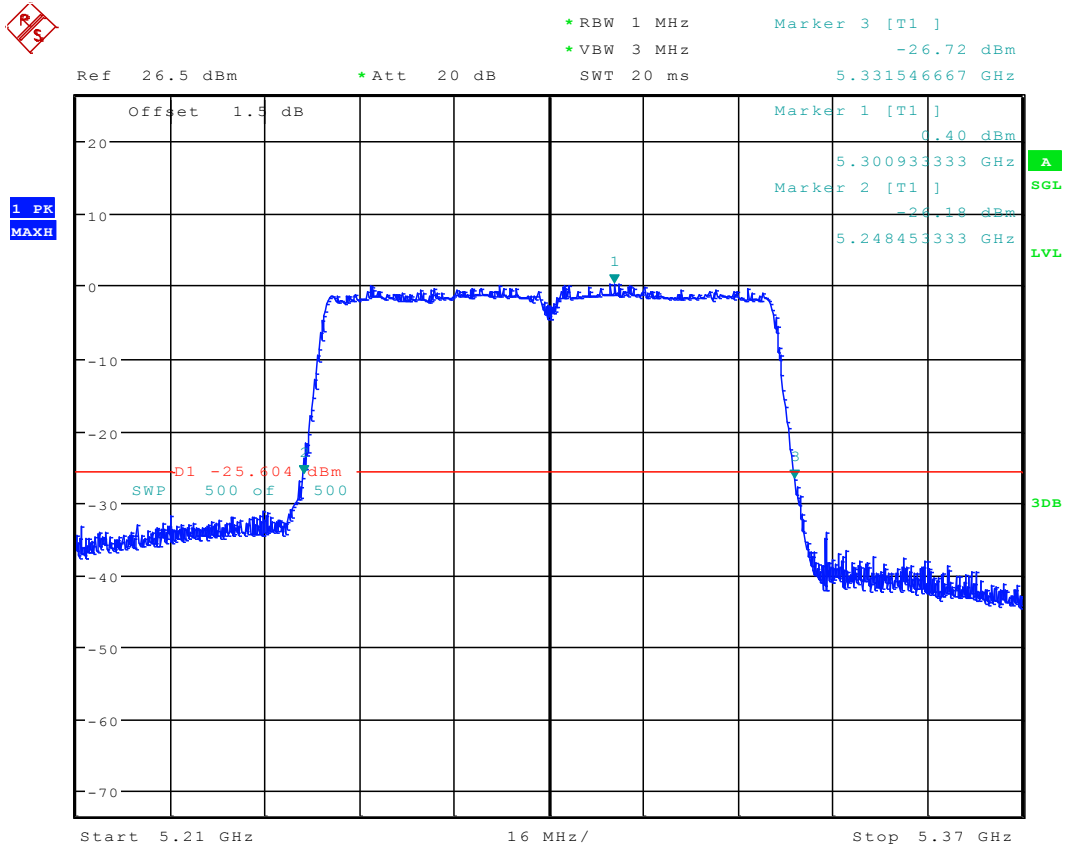


\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -25.86 dBm  
 SWT 20 ms      5.331440000 GHz



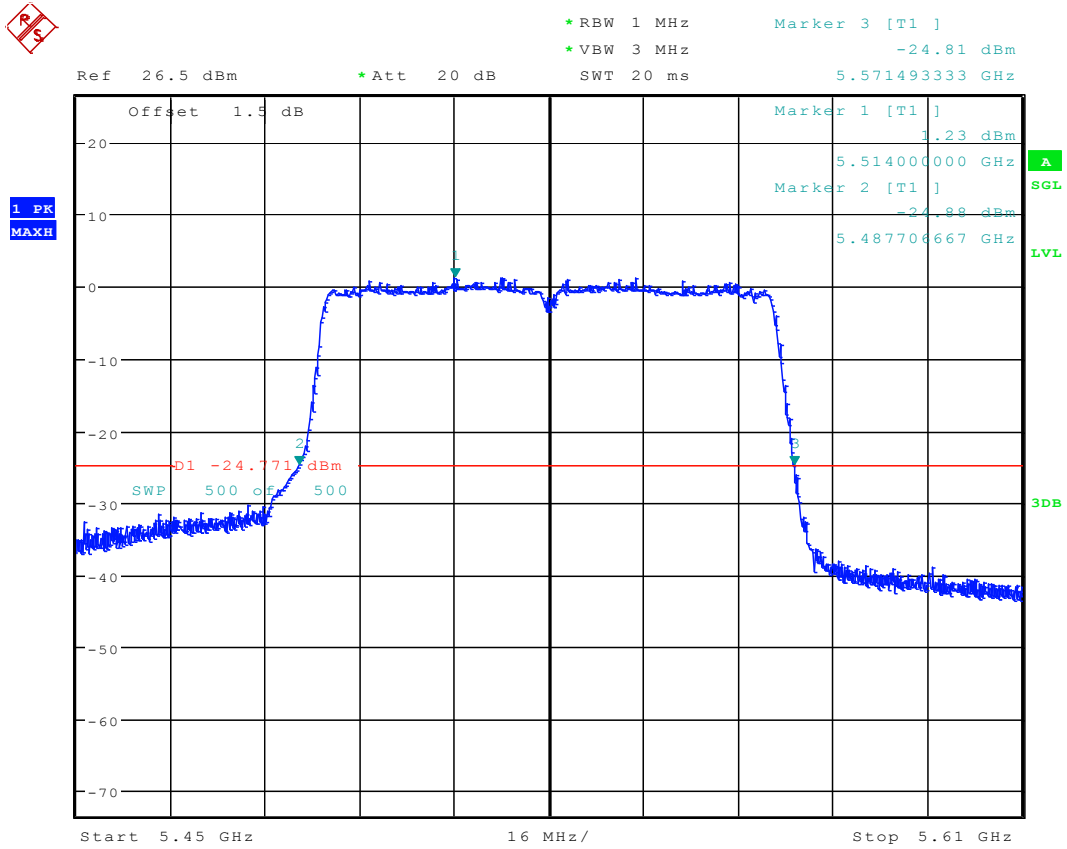
Date: 12.JAN.2018 10:13:48

### 3.144 11AC80\_58 ANT 2



Date: 18.JAN.2018 11:45:32

### 3.145 11AC80\_106 ANT 1

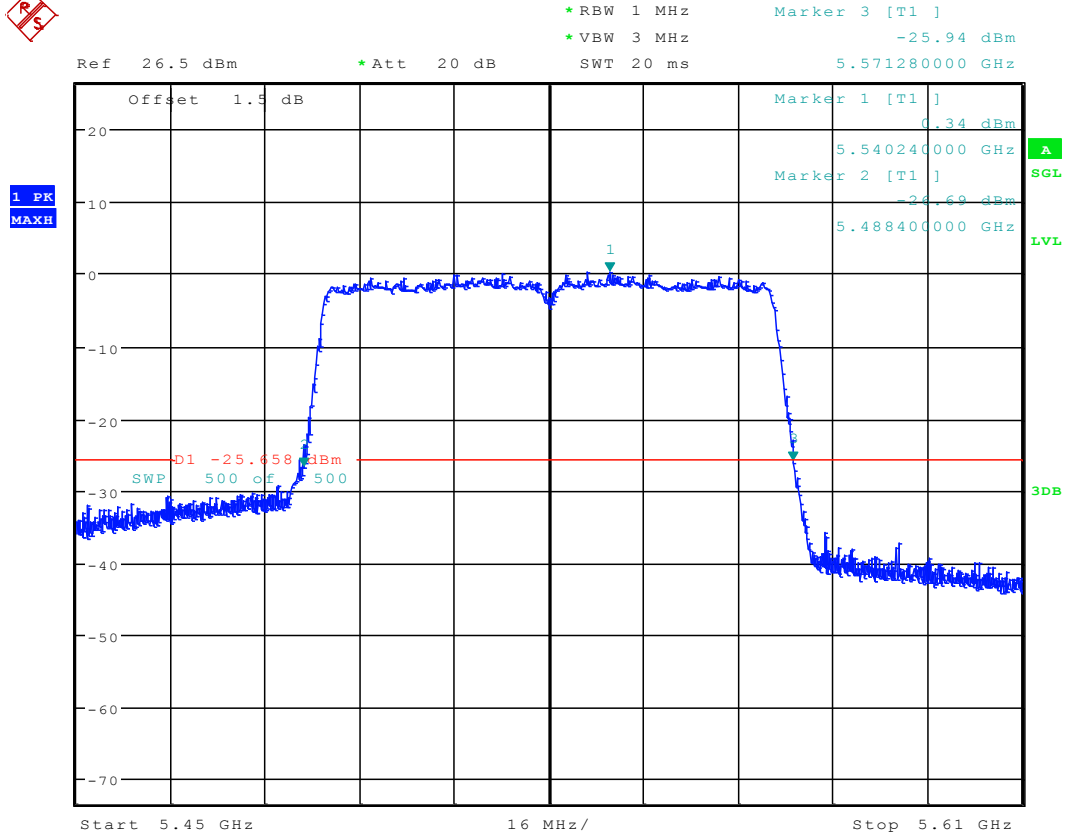


Date: 12.JAN.2018 10:16:04





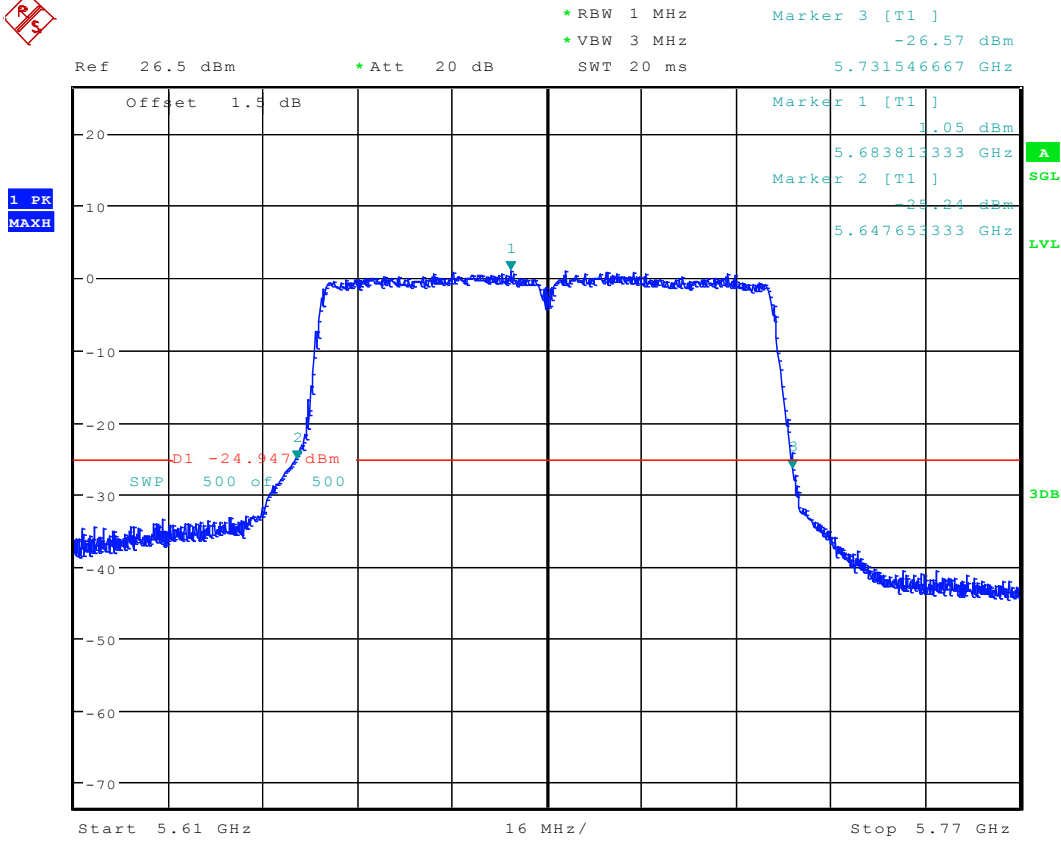
### 3.146 11AC80\_106 ANT 2



Date: 18.JAN.2018 11:48:16



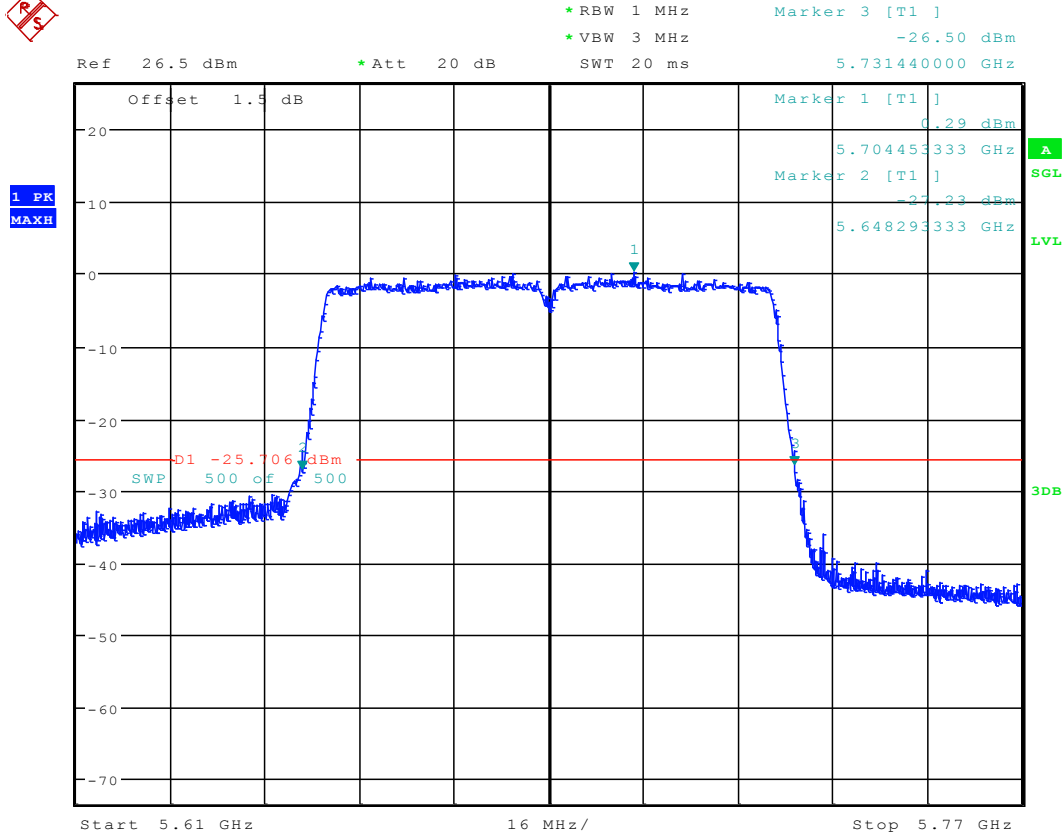
### 3.147 11AC80\_138 ANT 1



Date: 12.JAN.2018 10:18:58



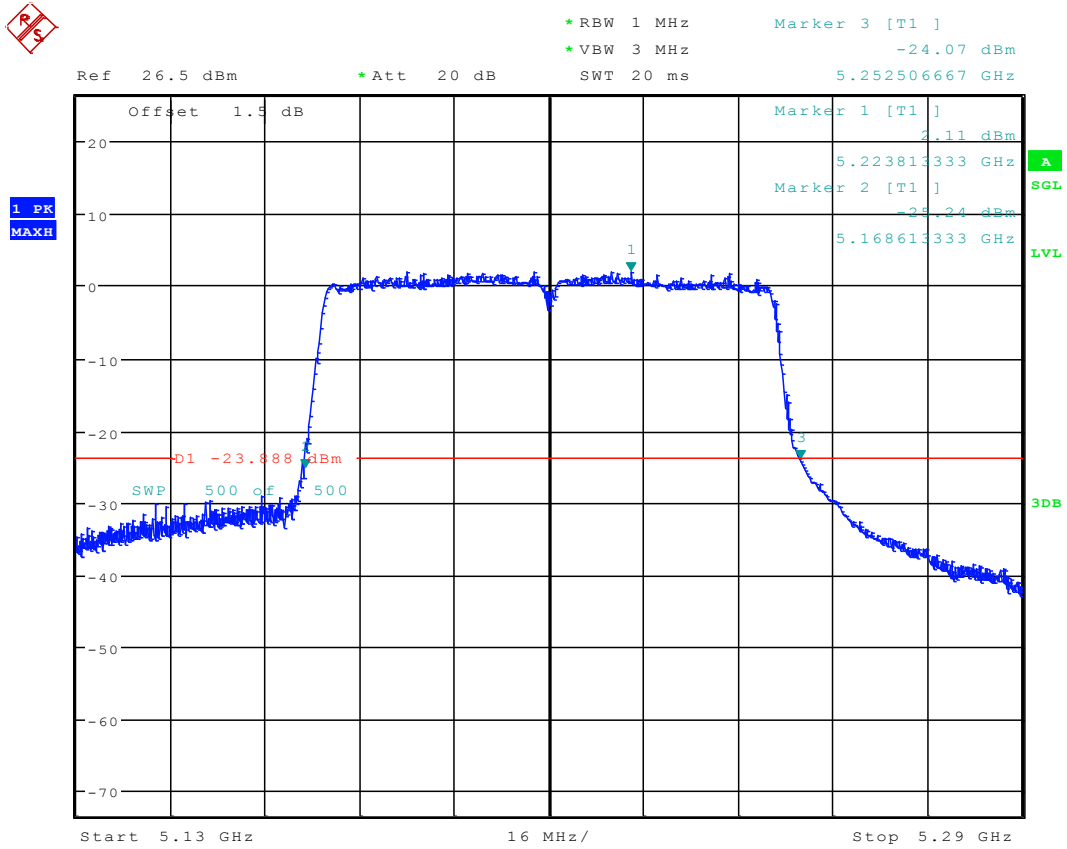
### 3.148 11AC80\_138 ANT 2



Date: 18.JAN.2018 11:56:01



### 3.149 11AC80MIMO\_42 ANT 1



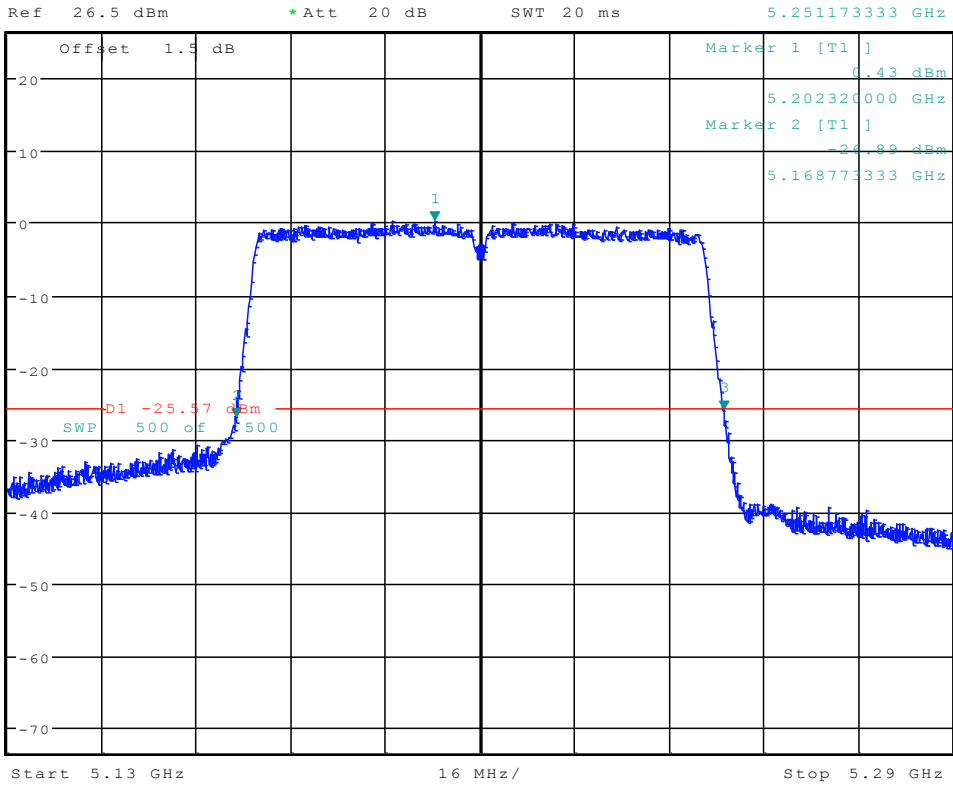
Date: 19.JAN.2018 11:01:40



### 3.150 11AC80MIMO\_42 ANT 2

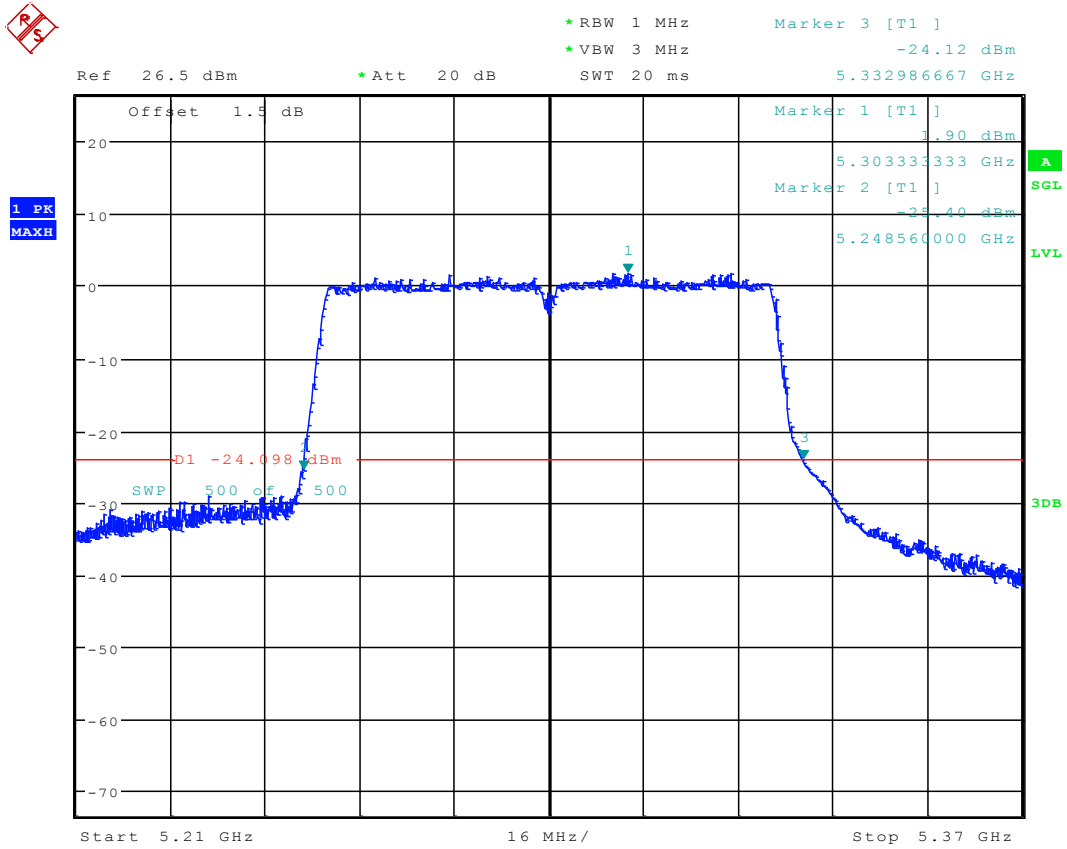


\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -26.02 dBm  
 SWT 20 ms      5.251173333 GHz



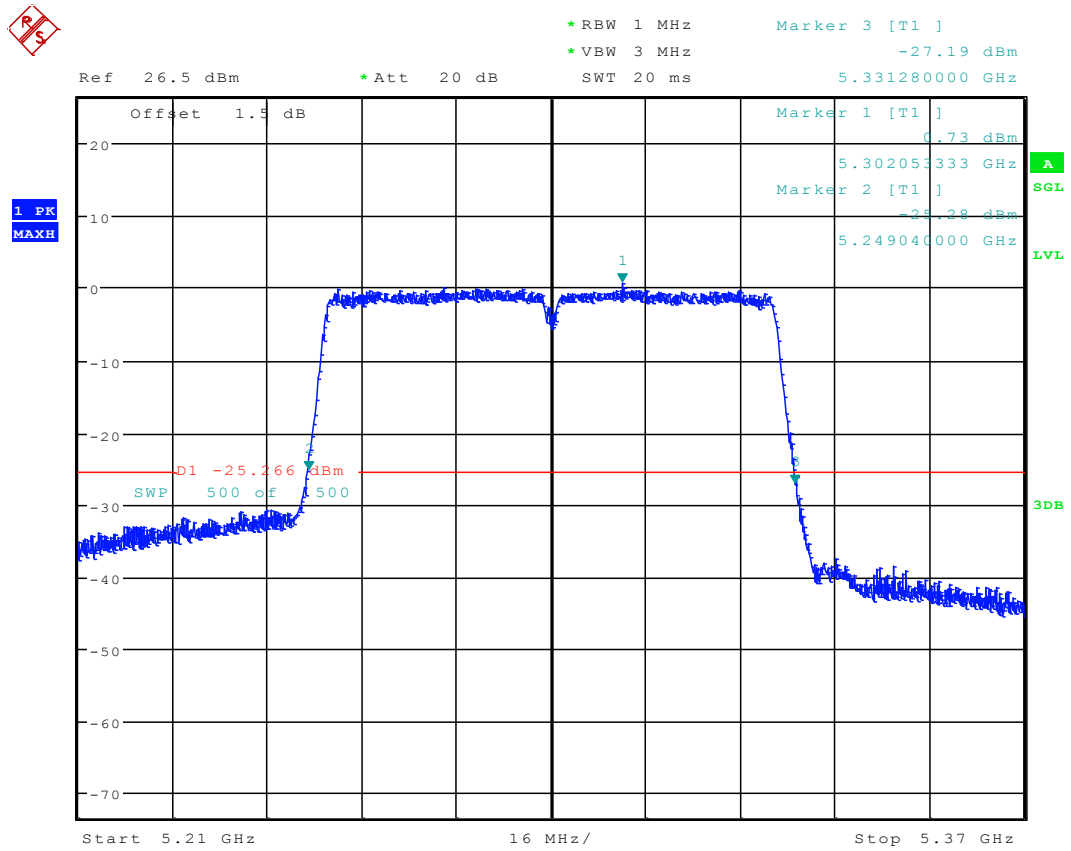
Date: 18.JAN.2018 17:03:31

### 3.151 11AC80MIMO\_58 ANT 1



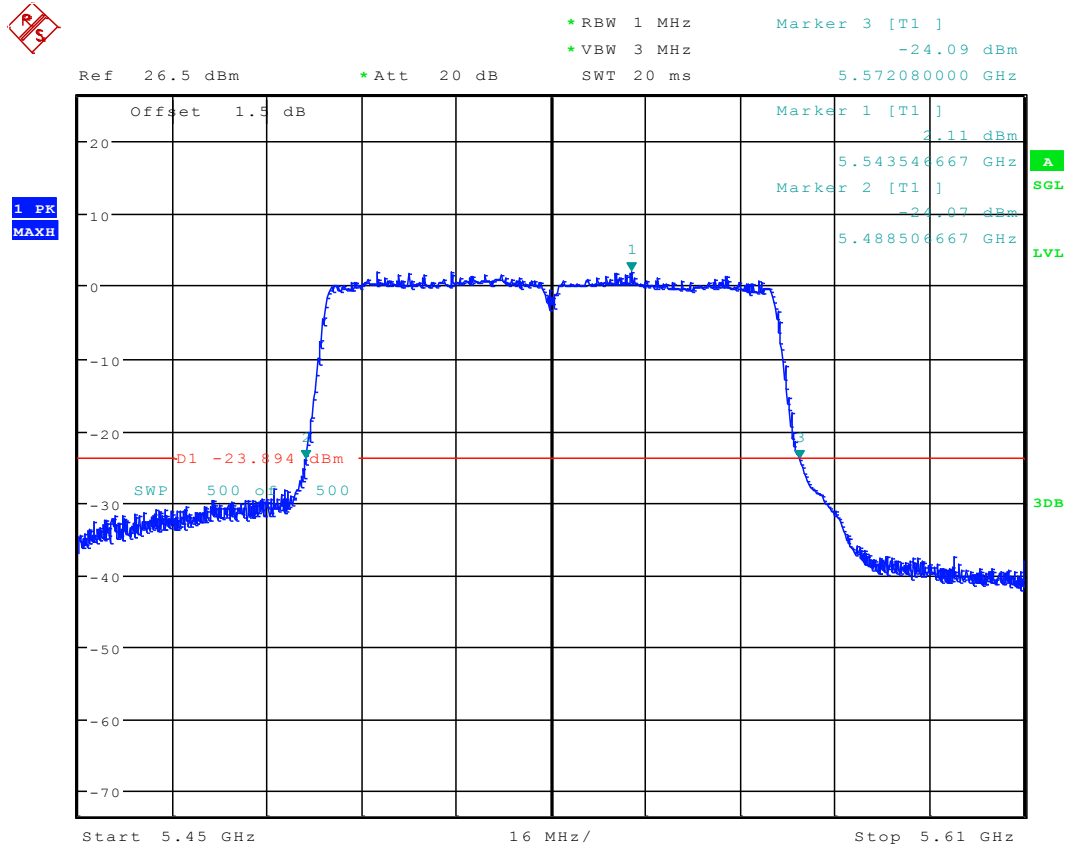
Date: 19.JAN.2018 11:05:40

## 3.152 11AC80MIMO\_58 ANT 2



Date: 18.JAN.2018 17:08:28

### 3.153 11AC80MIMO\_106 ANT 1



Date: 19.JAN.2018 11:09:37

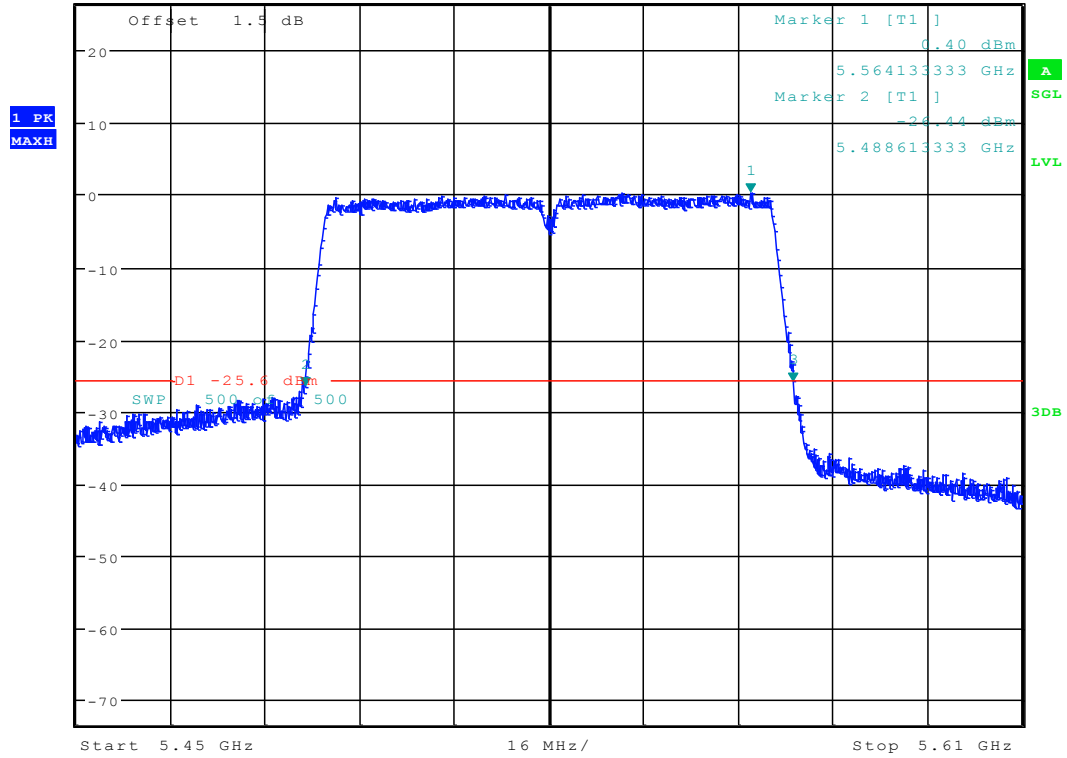




### 3.154 11AC80MIMO\_106 ANT 2

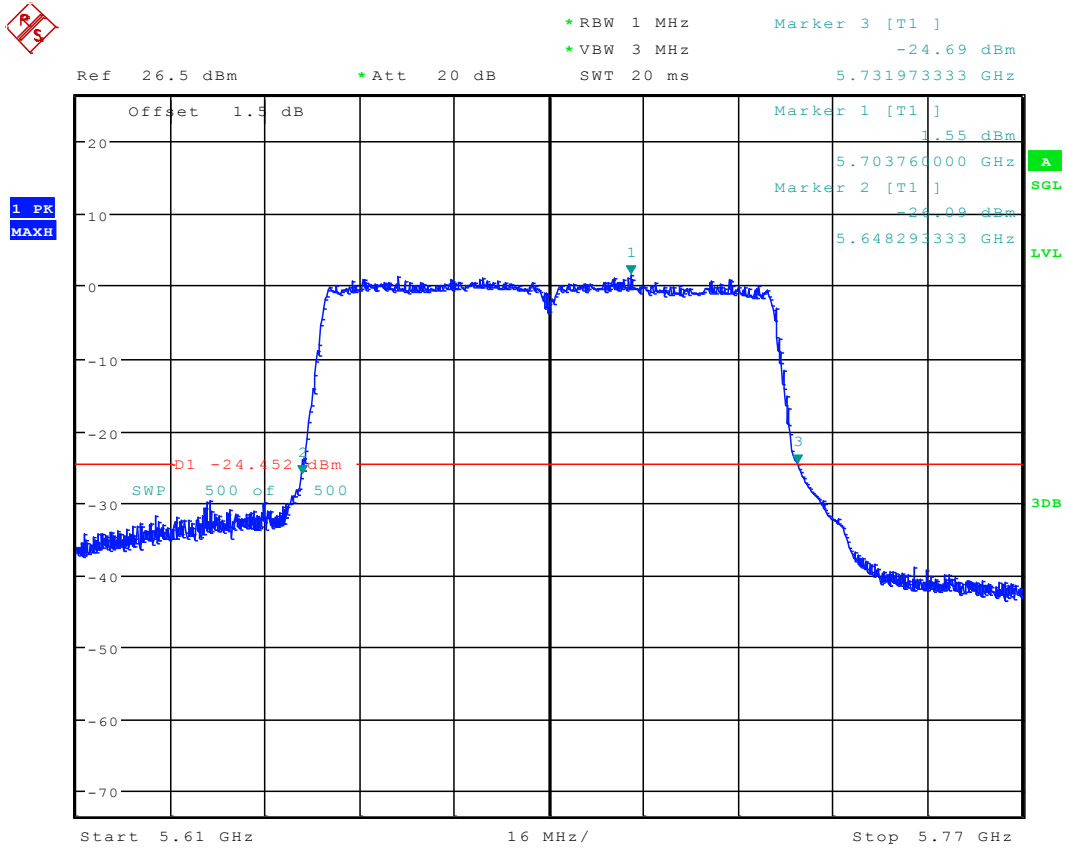


\*RBW 1 MHz      Marker 3 [T1 ]  
 \*VBW 3 MHz      -25.90 dBm  
 Ref 26.5 dBm      \*Att 20 dB      SWT 20 ms      5.571386667 GHz



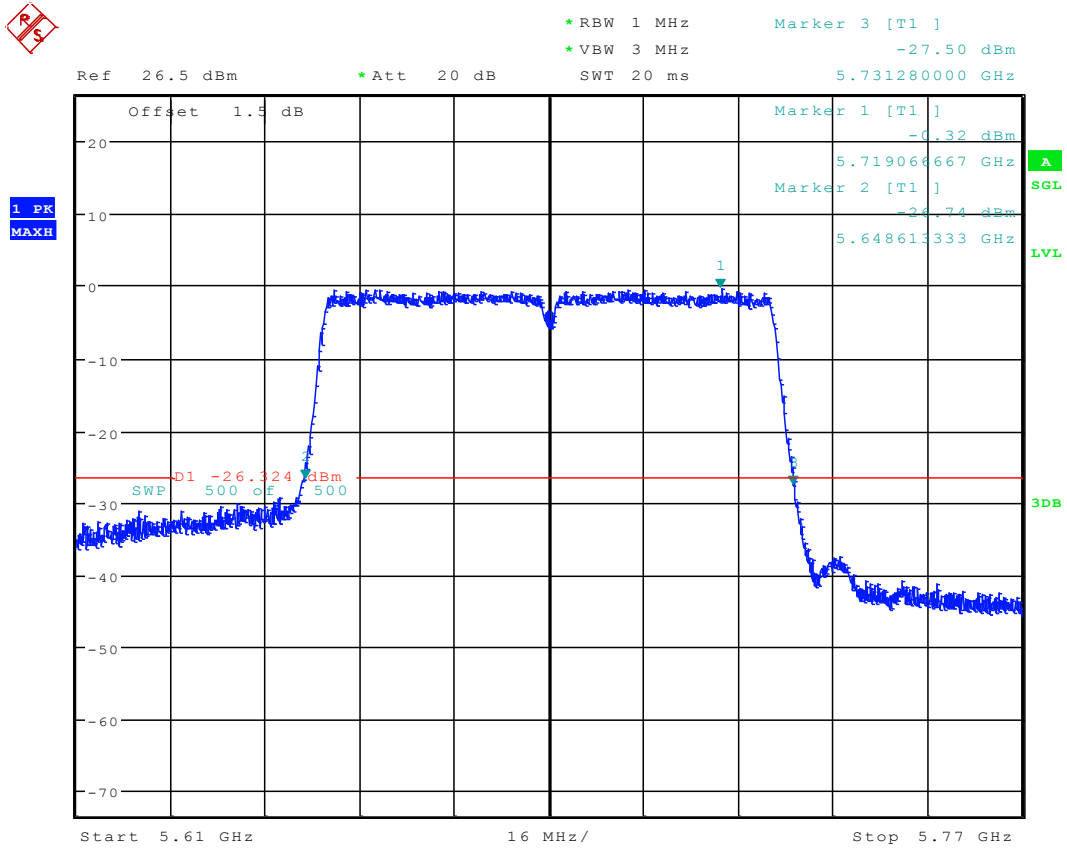
Date: 18.JAN.2018 17:12:41

### 3.155 11AC80MIMO\_138 ANT 1



Date: 19.JAN.2018 11:18:01

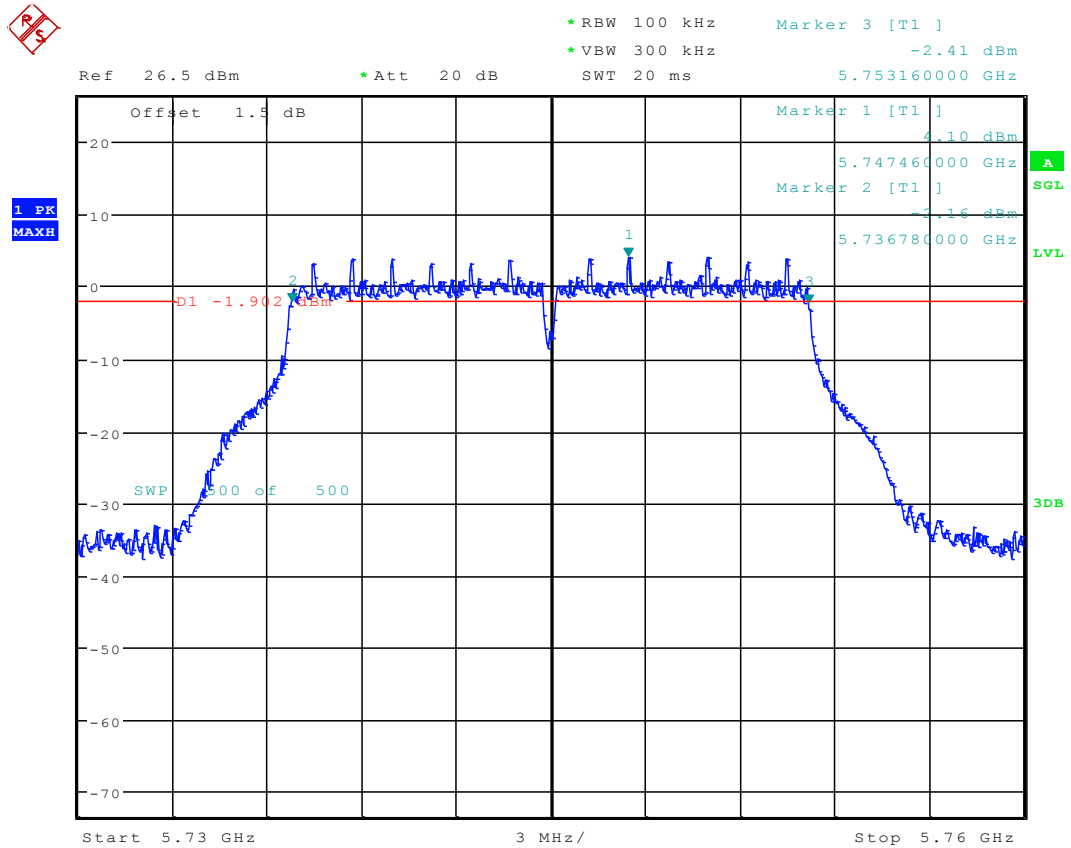
### 3.156 11AC80MIMO\_138 ANT 2



Date: 18.JAN.2018 17:21:01

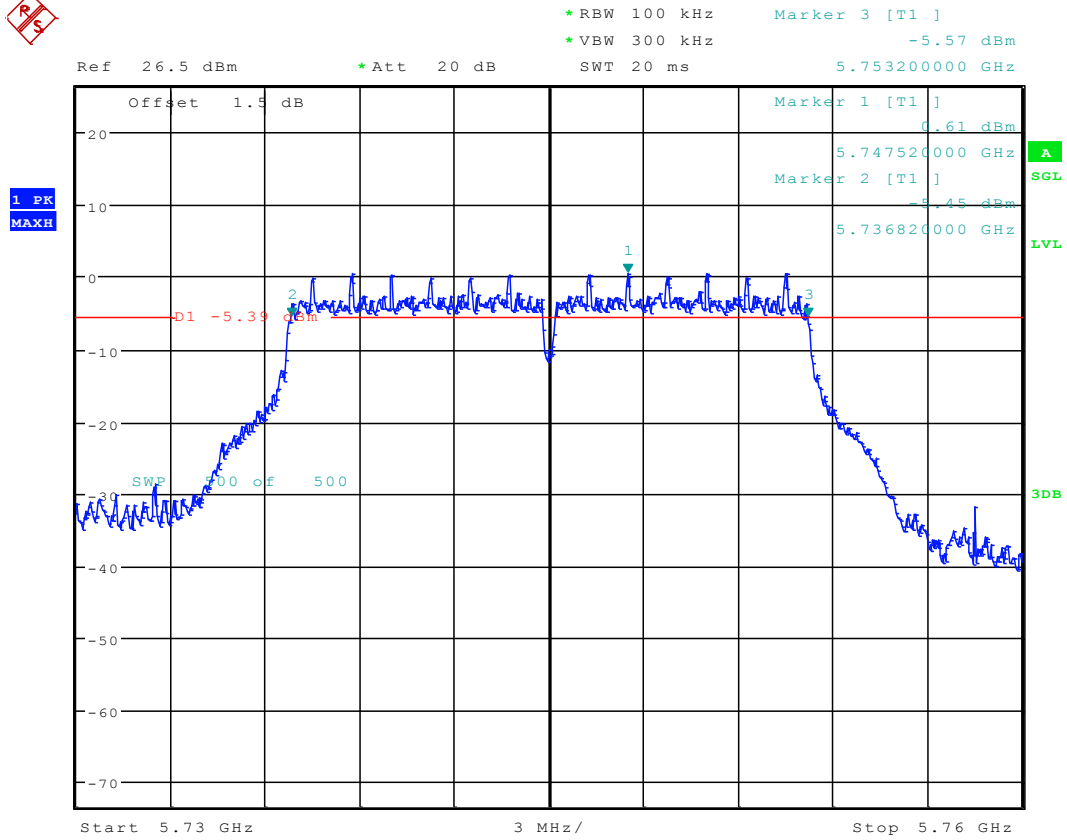
#### 4 Test Plot for 6dB Emission Bandwidth

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



Date: 11.JAN.2018 19:11:15

### 4.2 11A20\_149 ANT 2



Date: 12.JAN.2018 15:08:47