

	142	5710	ANT 1	-2.39	0.11	PASS
	142	5710	ANT 2	-1.9	0.6	PASS
	151	5755	ANT 1	-4.35	-1.85	PASS
	151	5755	ANT 2	5.32	7.82	PASS
	159	5795	ANT 1	-4.59	-2.09	PASS
	159	5795	ANT 2	-3.96	-1.46	PASS
11N40MIMO	38	5190	ANT 1	-4.93	-2.43	PASS
	38	5190	ANT 2	-4.74	-2.24	PASS
	38	5190	SUM	-1.82	0.68	PASS
	46	5230	ANT 1	-4.86	-2.36	---
	46	5230	ANT 2	-4.45	-1.95	---
	46	5230	SUM	-1.64	0.86	PASS
	54	5270	ANT 1	-4.69	-2.19	---
	54	5270	ANT 2	-4.6	-2.1	---
	54	5270	SUM	-1.63	0.87	PASS
	62	5310	ANT 1	-4.87	-2.37	---
	62	5310	ANT 2	-4.93	-2.43	---
	62	5310	SUM	-1.89	0.61	PASS
	102	5510	ANT 1	-4.44	-1.94	---
	102	5510	ANT 2	-4	-1.5	---
	102	5510	SUM	-1.2	1.3	PASS
	134	5670	ANT 1	-5.05	-2.55	---
	134	5670	ANT 2	-4.1	-1.6	---
	134	5670	SUM	-1.54	0.96	PASS
	142	5710	ANT 1	-5.01	-2.51	---
	142	5710	ANT 2	-3.88	-1.38	---
	142	5710	SUM	-1.4	1.1	PASS
	151	5755	ANT 1	-6.38	-3.88	---
	151	5755	ANT 2	-6.46	-3.96	---
	151	5755	SUM	-3.41	-0.91	PASS
	159	5795	ANT 1	-7.16	-4.66	---
	159	5795	ANT 2	-6.48	-3.98	---
	159	5795	SUM	-3.8	-1.3	PASS
11AC20	36	5180	ANT 1	0.35	2.85	PASS
	36	5180	ANT 2	0.16	2.66	PASS
	48	5240	ANT 1	0.05	2.55	PASS
	48	5240	ANT 2	0.24	2.74	PASS
	52	5260	ANT 1	0.36	2.86	PASS
	52	5260	ANT 2	0.19	2.69	PASS
	64	5320	ANT 1	0.19	2.69	PASS
	64	5320	ANT 2	-0.08	2.42	PASS

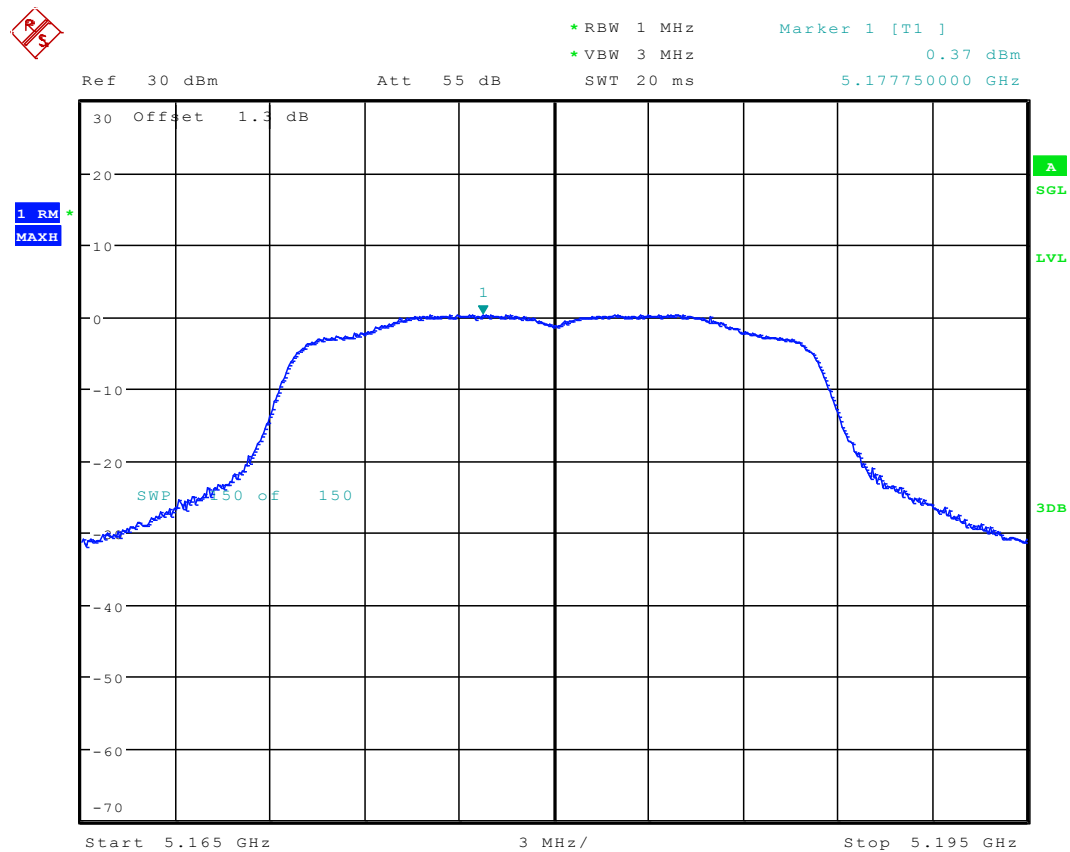
	100	5500	ANT 1	0.6	3.1	PASS
	100	5500	ANT 2	0.69	3.19	PASS
	140	5700	ANT 1	0.17	2.67	PASS
	140	5700	ANT 2	0.44	2.94	PASS
	144	5720	ANT 1	0.11	2.61	PASS
	144	5720	ANT 2	0.07	2.57	PASS
	149	5745	ANT 1	-1.66	0.84	PASS
	149	5745	ANT 2	7.22	9.72	PASS
	165	5825	ANT 1	-1.82	0.68	PASS
	165	5825	ANT 2	-1.92	0.58	PASS
11AC20MIMO	36	5180	ANT 1	-1.41	1.09	---
	36	5180	ANT 2	-0.88	1.62	---
	36	5180	SUM	1.87	4.37	PASS
	48	5240	ANT 1	-1.61	0.89	---
	48	5240	ANT 2	-0.98	1.52	---
	48	5240	SUM	1.73	4.23	PASS
	52	5260	ANT 1	-1.34	1.16	---
	52	5260	ANT 2	-1.15	1.35	---
	52	5260	SUM	1.77	4.27	PASS
	64	5320	ANT 1	-1.38	1.12	---
	64	5320	ANT 2	-1.1	1.4	---
	64	5320	SUM	1.77	4.27	PASS
	100	5500	ANT 1	-1.03	1.47	---
	100	5500	ANT 2	-0.52	1.98	---
	100	5500	SUM	2.24	4.74	PASS
	140	5700	ANT 1	-1.47	1.03	---
	140	5700	ANT 2	-0.38	2.12	---
	140	5700	SUM	2.12	4.62	PASS
	144	5720	ANT 1	-1.44	1.06	---
	144	5720	ANT 2	-1.12	1.38	---
	144	5720	SUM	1.73	4.23	PASS
	149	5745	ANT 1	-3.16	-0.66	---
	149	5745	ANT 2	7.47	9.97	---
	149	5745	SUM	7.83	10.33	PASS
	165	5825	ANT 1	-3.21	-0.71	---
	165	5825	ANT 2	-3.19	-0.69	---
	165	5825	SUM	-0.19	2.31	PASS
11AC40	38	5190	ANT 1	-2.29	0.21	PASS
	38	5190	ANT 2	-2.24	0.26	PASS
	46	5230	ANT 1	-2.44	0.06	PASS
	46	5230	ANT 2	-2.24	0.26	PASS

	54	5270	ANT 1	-1.97	0.53	PASS
	54	5270	ANT 2	-2.17	0.33	PASS
	62	5310	ANT 1	-2.29	0.21	PASS
	62	5310	ANT 2	-2.39	0.11	PASS
	102	5510	ANT 1	-1.77	0.73	PASS
	102	5510	ANT 2	6.66	9.16	PASS
	134	5670	ANT 1	-2.54	-0.04	PASS
	134	5670	ANT 2	-1.79	0.71	PASS
	142	5710	ANT 1	-2.25	0.25	PASS
	142	5710	ANT 2	-2.04	0.46	PASS
	151	5755	ANT 1	-4.07	-1.57	PASS
	151	5755	ANT 2	5	7.5	PASS
	159	5795	ANT 1	-4.44	-1.94	PASS
	159	5795	ANT 2	-4.38	-1.88	PASS
11AC40MIMO	38	5190	ANT 1	-5.11	-2.61	PASS
	38	5190	ANT 2	-4.69	-2.19	PASS
	38	5190	SUM	-1.88	0.62	PASS
	46	5230	ANT 1	-5.13	-2.63	---
	46	5230	ANT 2	-4.52	-2.02	---
	46	5230	SUM	-1.8	0.7	PASS
	54	5270	ANT 1	-4.78	-2.28	---
	54	5270	ANT 2	-4.71	-2.21	---
	54	5270	SUM	-1.73	0.77	PASS
	62	5310	ANT 1	-4.67	-2.17	---
	62	5310	ANT 2	-4.93	-2.43	---
	62	5310	SUM	-1.79	0.71	PASS
	102	5510	ANT 1	-4.3	-1.8	---
	102	5510	ANT 2	-3.9	-1.4	---
	102	5510	SUM	-1.09	1.41	PASS
	134	5670	ANT 1	-5.07	-2.57	---
	134	5670	ANT 2	-4.17	-1.67	---
	134	5670	SUM	-1.59	0.91	PASS
	142	5710	ANT 1	-5.17	-2.67	---
	142	5710	ANT 2	-4.23	-1.73	---
	142	5710	SUM	-1.66	0.84	PASS
	151	5755	ANT 1	-6.69	-4.19	---
	151	5755	ANT 2	4.21	6.71	---
	151	5755	SUM	4.55	7.05	PASS
	159	5795	ANT 1	-6.86	-4.36	---
	159	5795	ANT 2	-6.66	-4.16	---
	159	5795	SUM	-3.75	-1.25	PASS

11AC80	42	5210	ANT 1	-4.74	-2.24	PASS
	42	5210	ANT 2	-4.64	-2.14	PASS
	58	5290	ANT 1	-4.68	-2.18	PASS
	58	5290	ANT 2	-4.68	-2.18	PASS
	106	5530	ANT 1	-4.18	-1.68	PASS
	106	5530	ANT 2	4.07	6.57	PASS
	138	5690	ANT 1	-4.39	-1.89	PASS
	138	5690	ANT 2	-3.96	-1.46	PASS
	155	5775	ANT 1	-6.1	-3.6	PASS
	155	5775	ANT 2	-6.28	-3.78	PASS
11AC80MIMO	42	5210	ANT 1	-7.39	-4.89	---
	42	5210	ANT 2	-6.96	-4.46	---
	42	5210	SUM	-4.16	-1.66	PASS
	58	5290	ANT 1	-7.07	-4.57	---
	58	5290	ANT 2	-7.36	-4.86	---
	58	5290	SUM	-4.2	-1.7	PASS
	106	5530	ANT 1	-7.06	-4.56	---
	106	5530	ANT 2	-6.84	-4.34	---
	106	5530	SUM	-3.94	-1.44	PASS
	138	5690	ANT 1	-7.11	-4.61	---
	138	5690	ANT 2	-6.63	-4.13	---
	138	5690	SUM	-3.85	-1.35	PASS
	155	5775	ANT 1	-9.08	-6.58	---
	155	5775	ANT 2	-8.91	-6.41	---
	155	5775	SUM	-5.98	-3.48	PASS

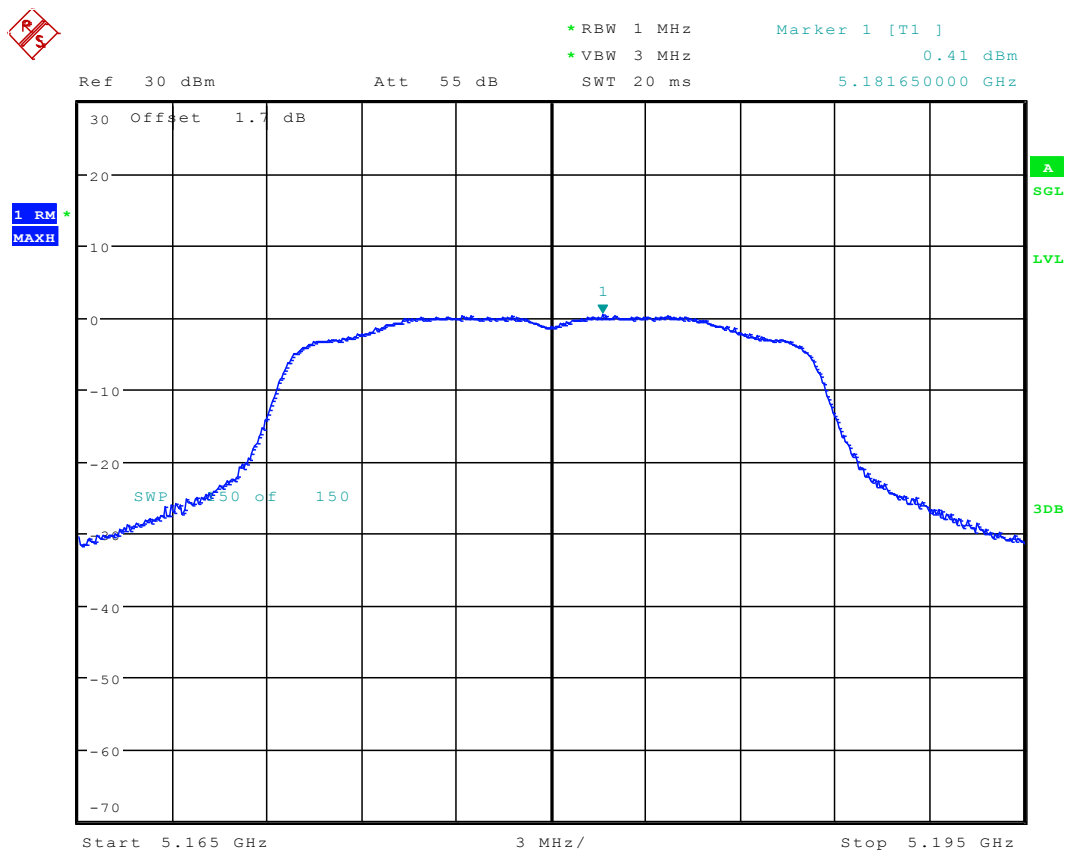
11 Test Plot

11.1 11A20_36 ANT 1



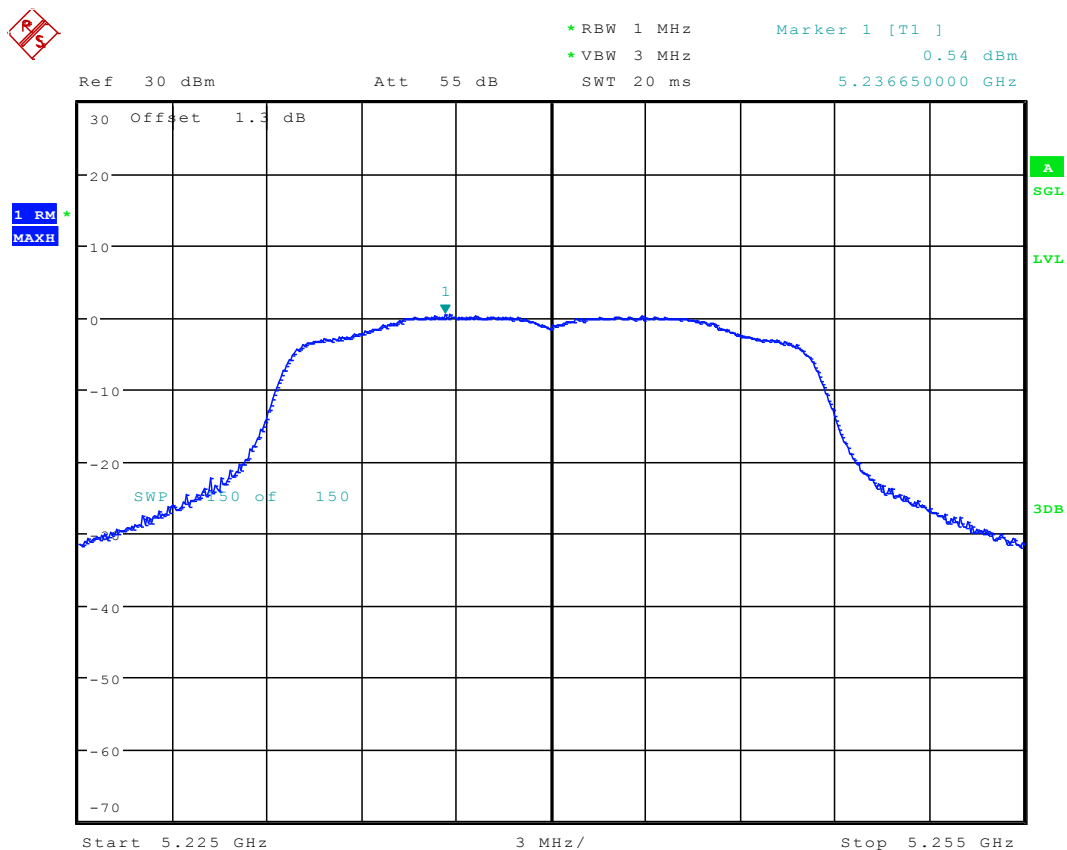
Date: 26.JAN.2018 18:24:26

11.2 11A20_36 ANT 2



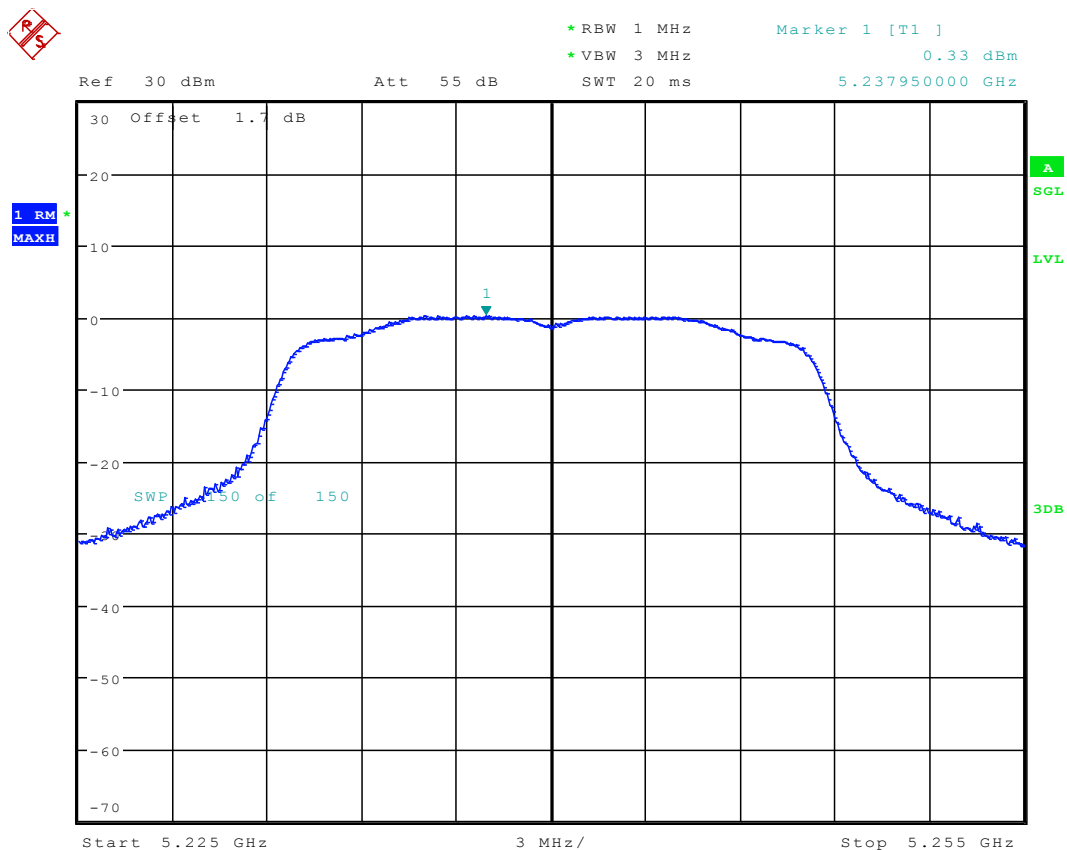
Date: 24.JAN.2018 11:08:05

11.3 11A20_48 ANT 1



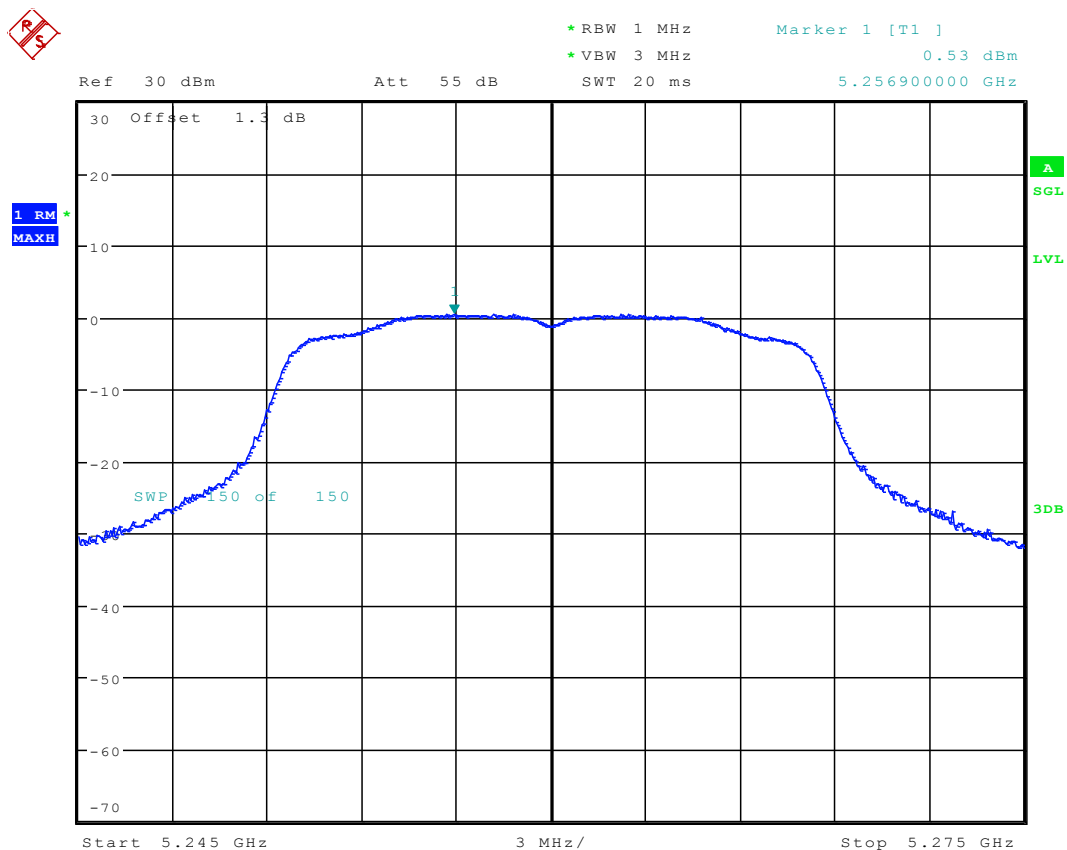
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11.4 11A20_48 ANT 2



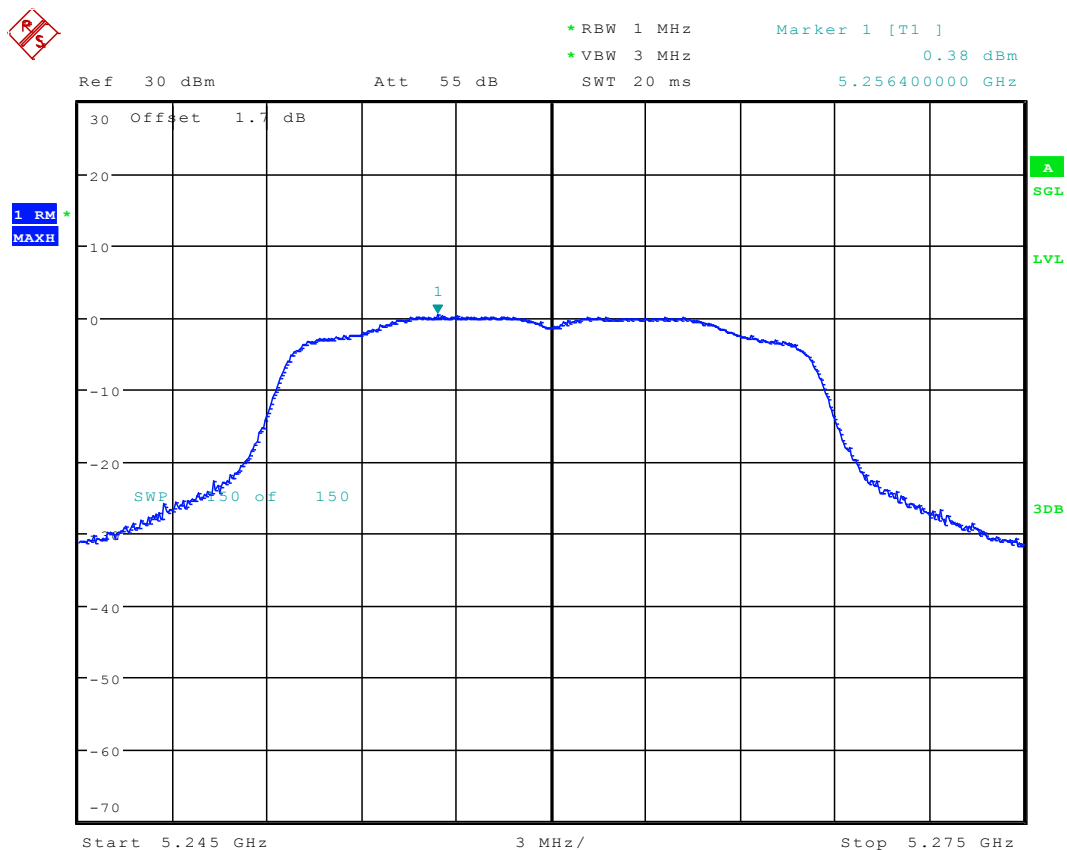
Date: 24.JAN.2018 11:10:42

11.5 11A20_52 ANT 1



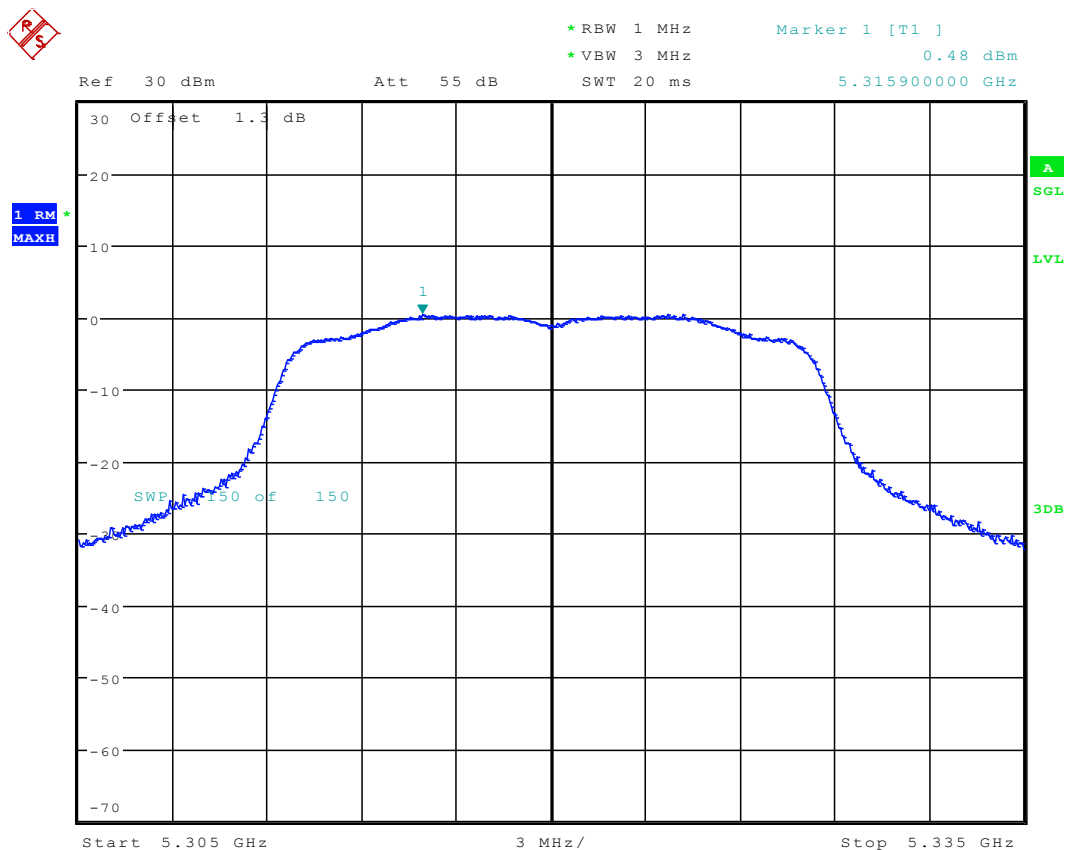
Date: 22.JAN.2018 14:24:17

11.6 11A20_52 ANT 2



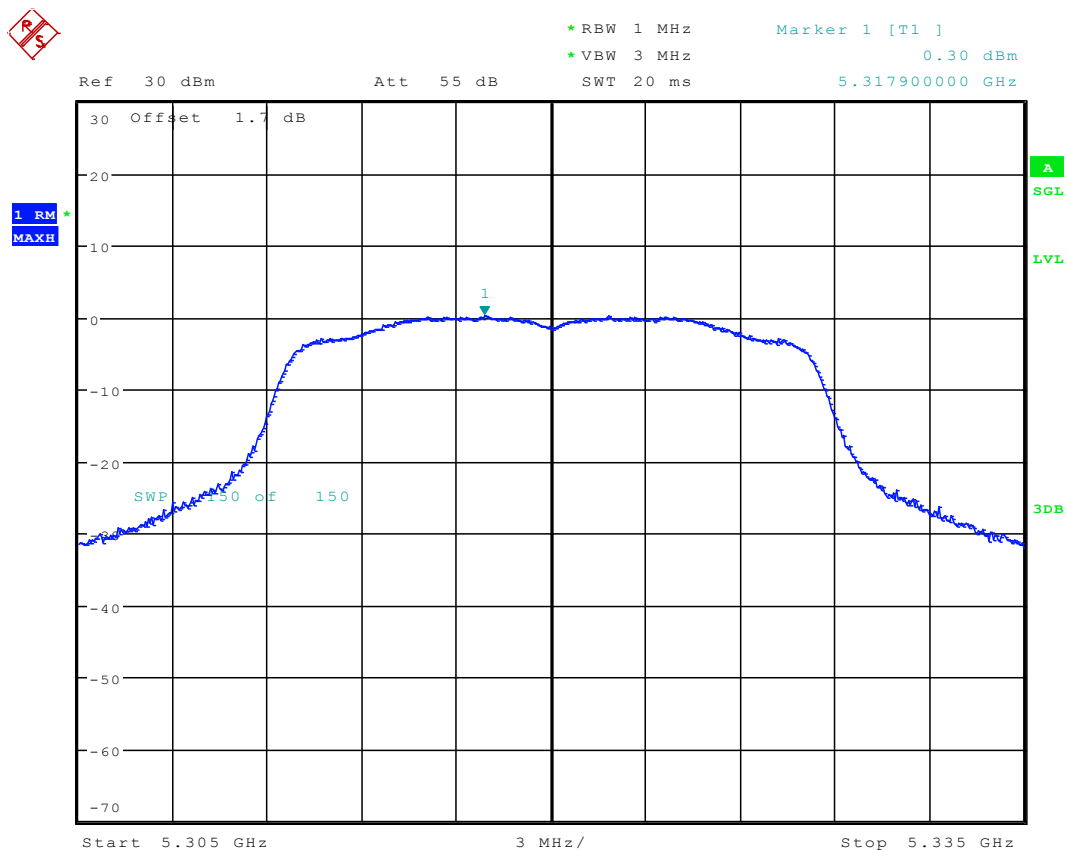
Date: 24.JAN.2018 11:13:23

11.7 11A20_64 ANT 1



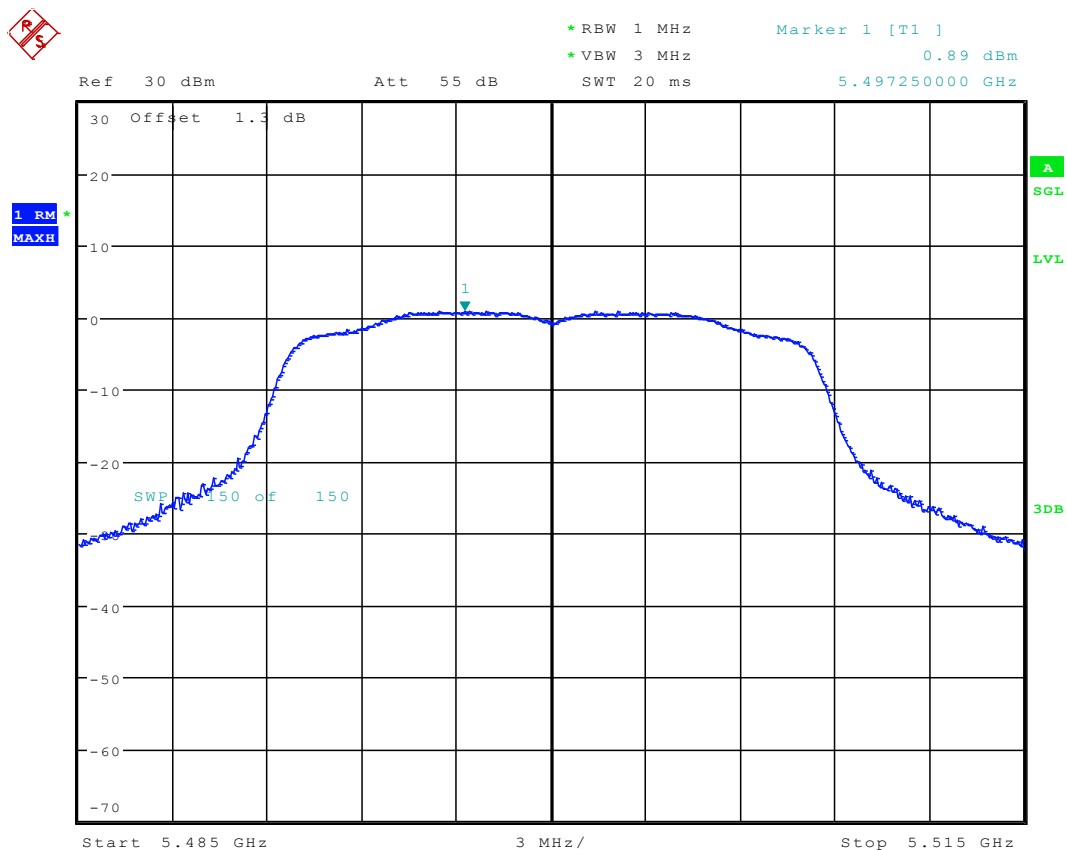
Date: 22.JAN.2018 14:26:39

11.8 11A20_64 ANT 2



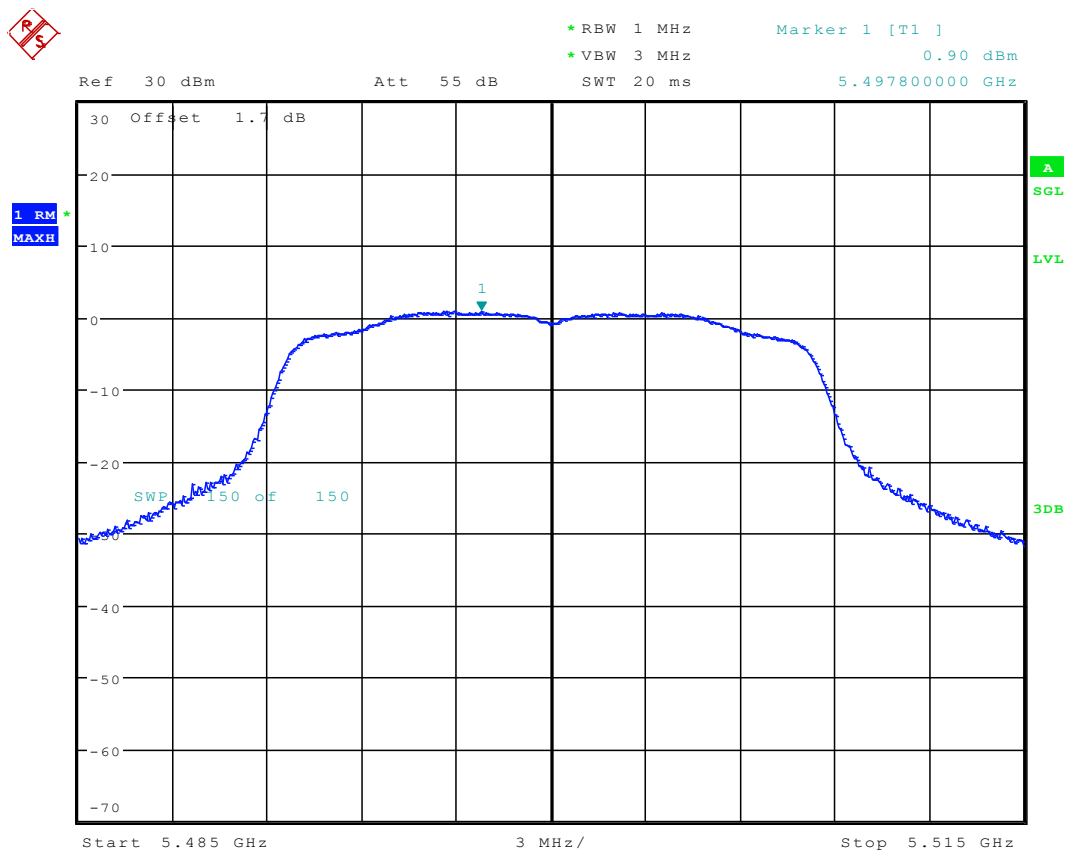
Date: 24.JAN.2018 11:15:51

11.9 11A20_100 ANT 1



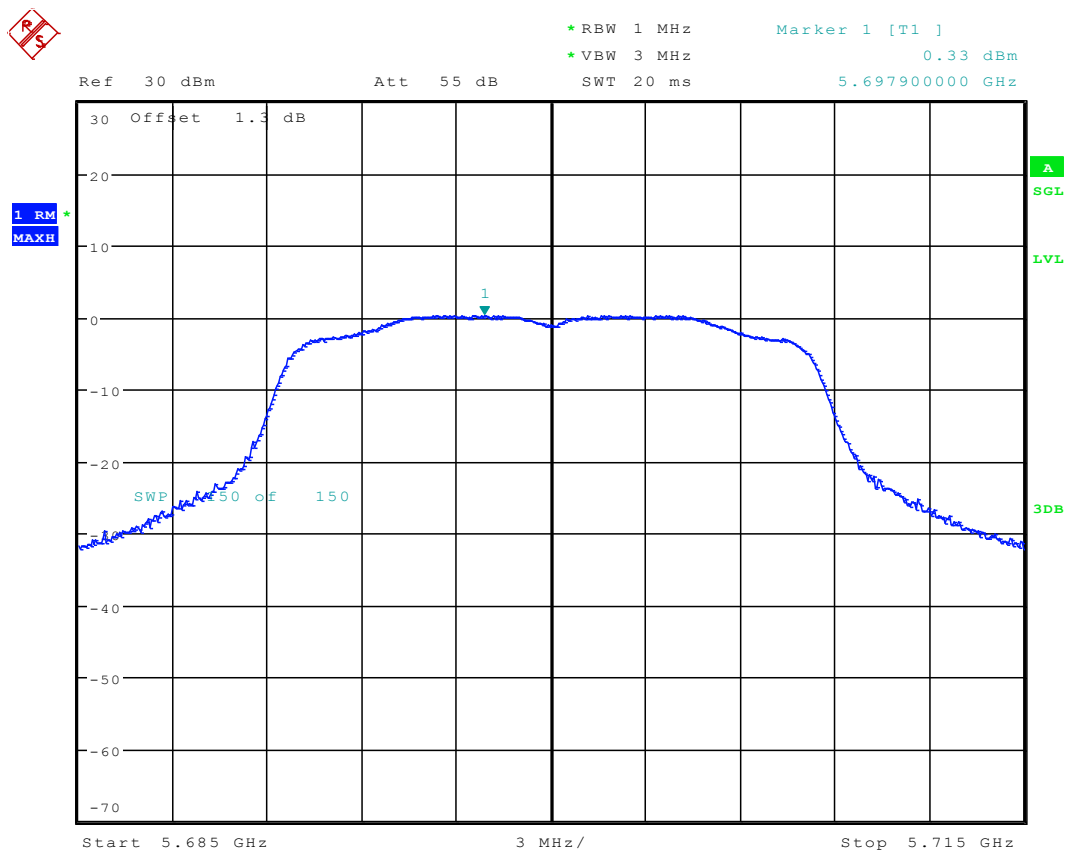
Date: 22.JAN.2018 14:30:07

11.10 11A20_100 ANT 2



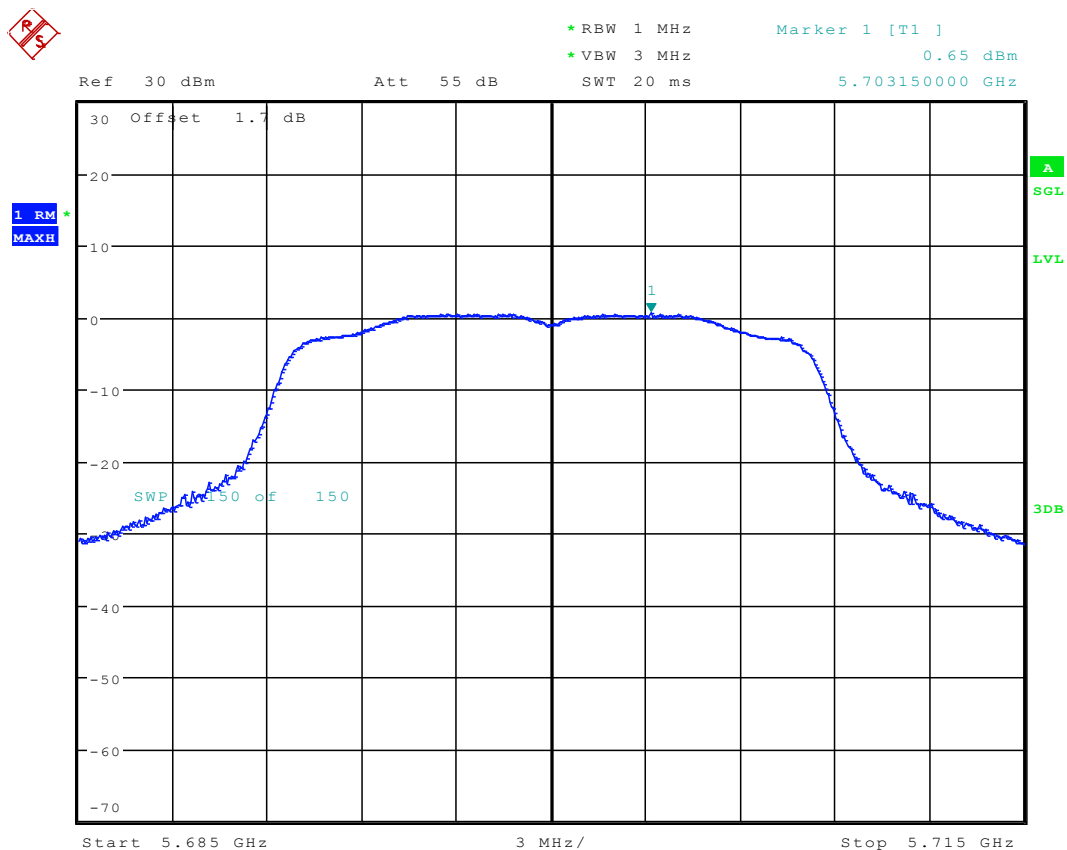
Date: 24.JAN.2018 11:20:39

11.11 11A20_140 ANT 1



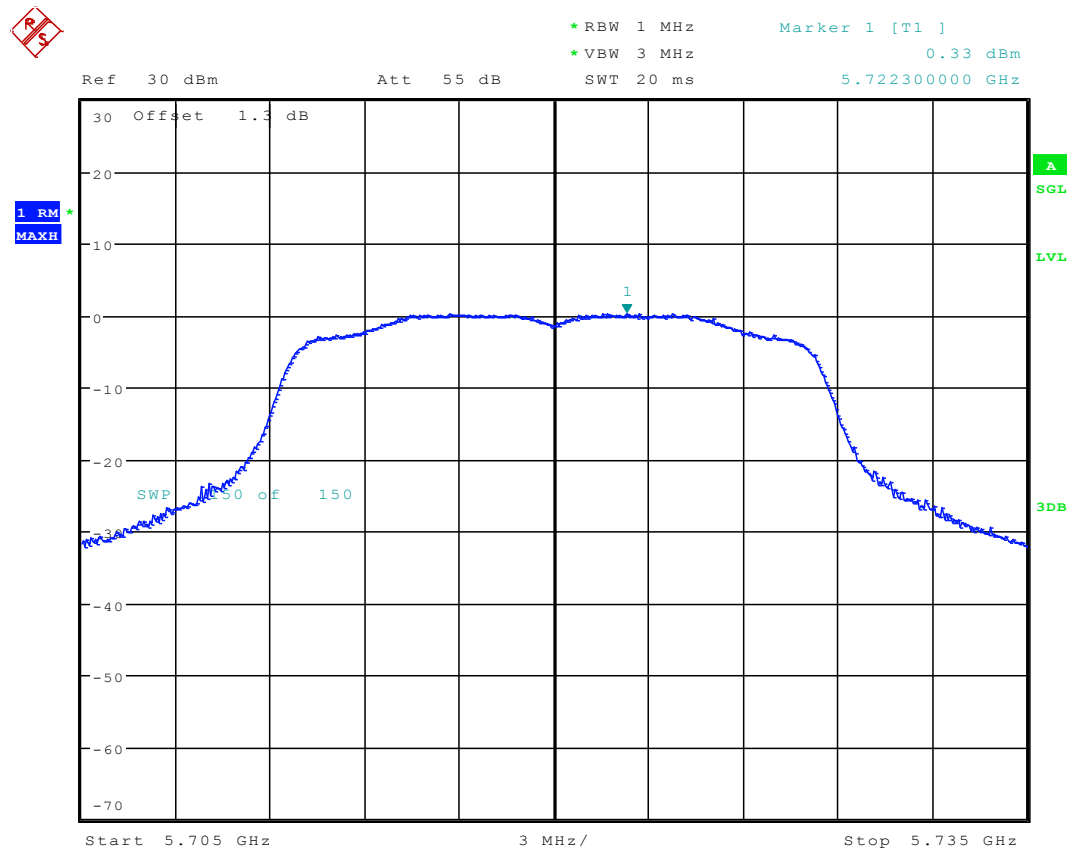
Date: 22.JAN.2018 14:33:13

11.12 11A20_140 ANT 2



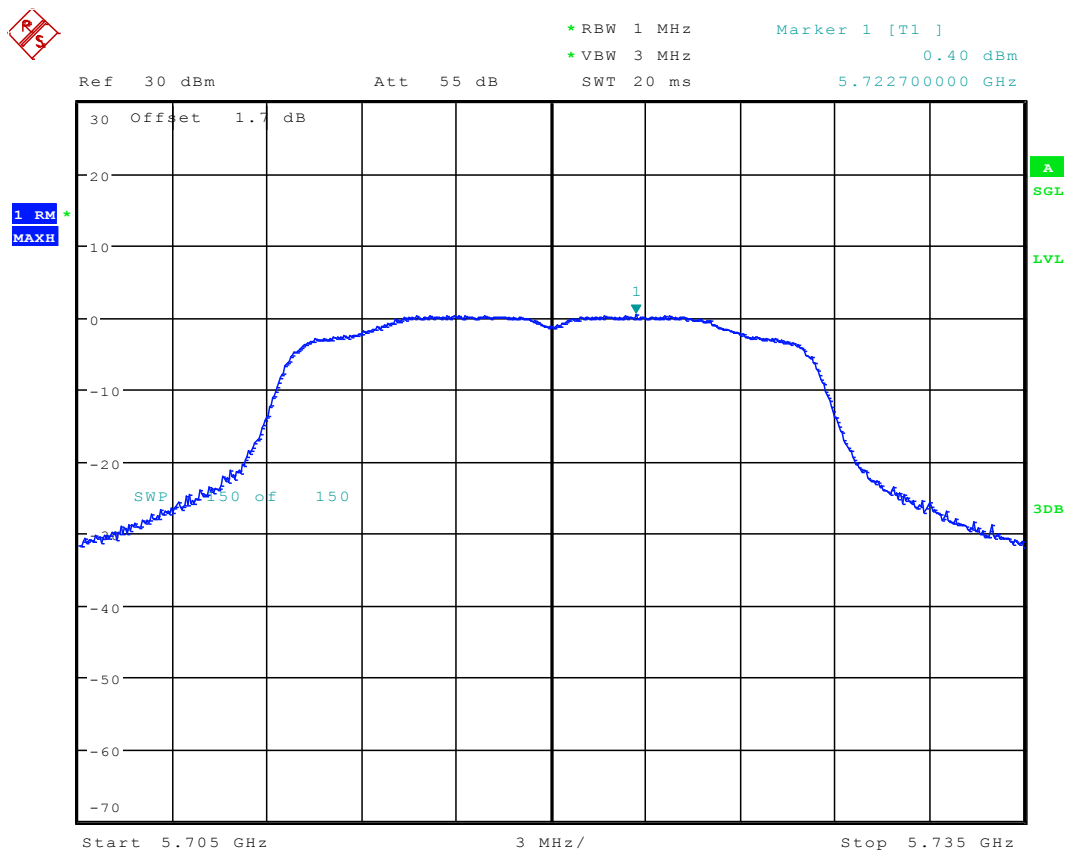
Date: 24.JAN.2018 11:23:54

11.13 11A20_144 ANT 1



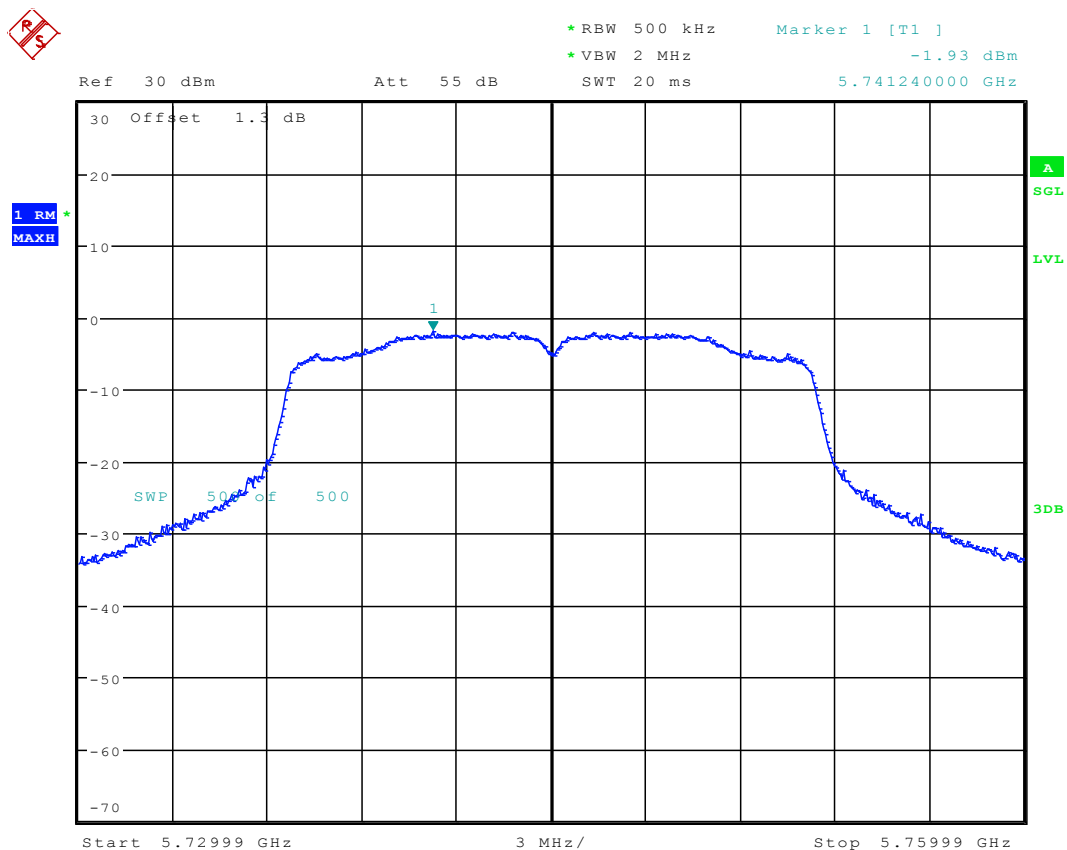
Date: 22.JAN.2018 14:35:36

11.14 11A20_144 ANT 2



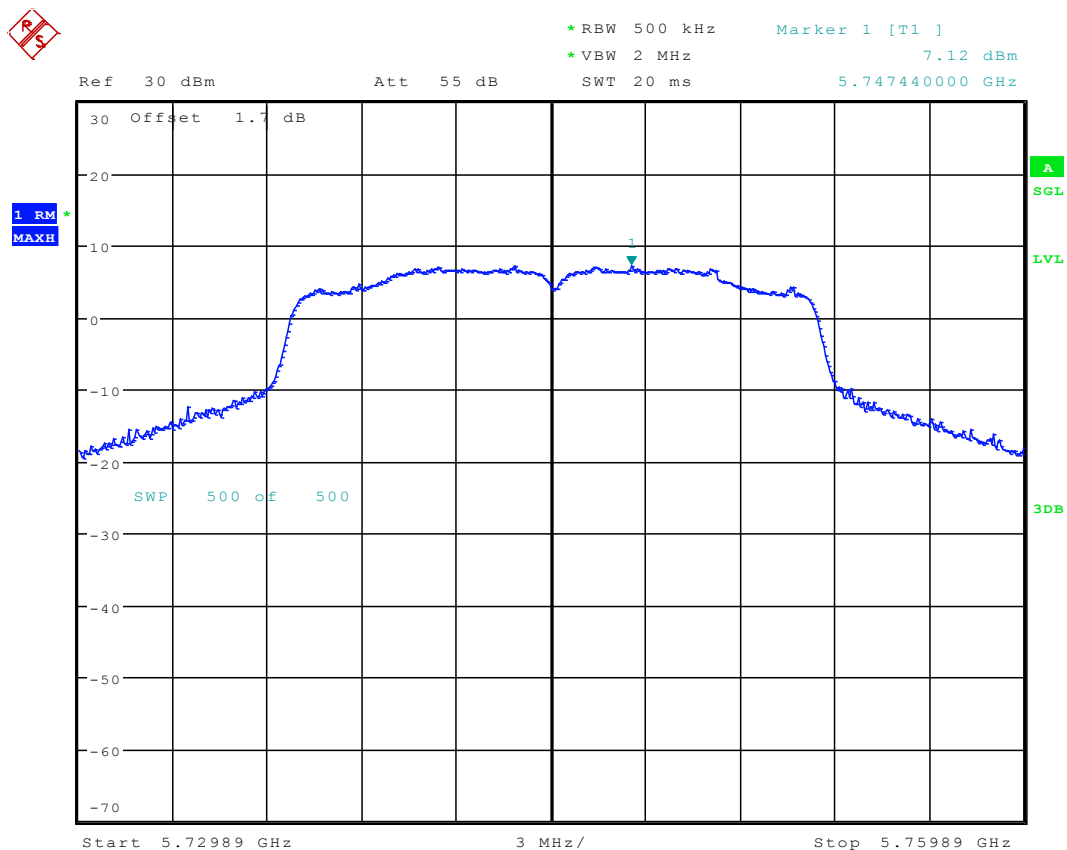
Date: 24.JAN.2018 11:26:39

11.15 11A20_149 ANT 1



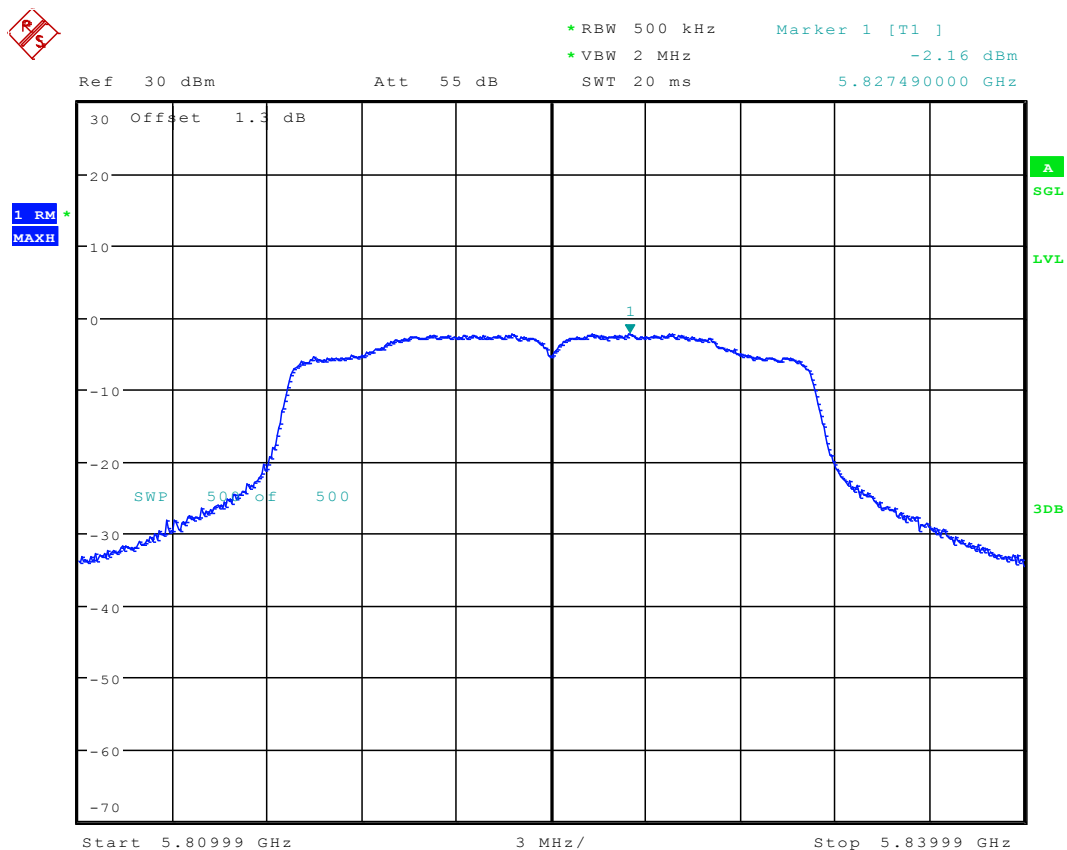
Date: 26.JAN.2018 18:29:04

11.16 11A20_149 ANT 2



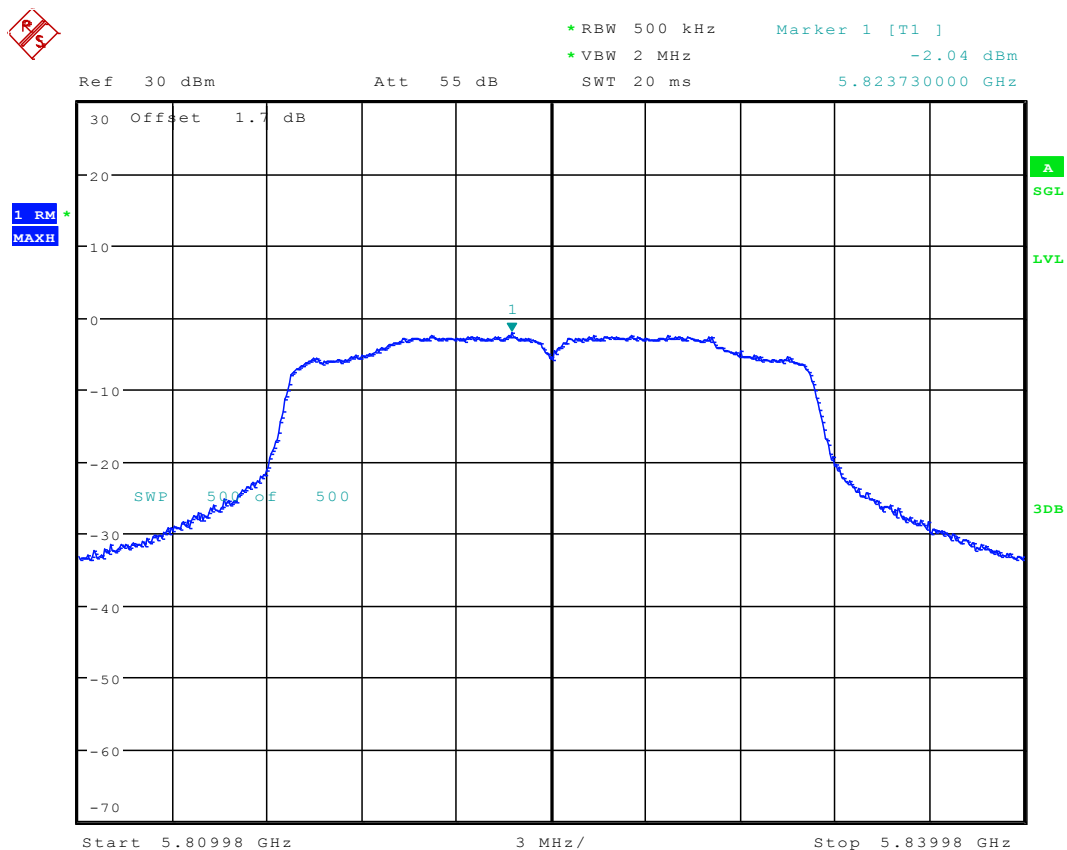
Date: 24.JAN.2018 11:31:59

11.17 11A20_165 ANT 1



Date: 22.JAN.2018 14:48:47

11.18 11A20_165 ANT 2

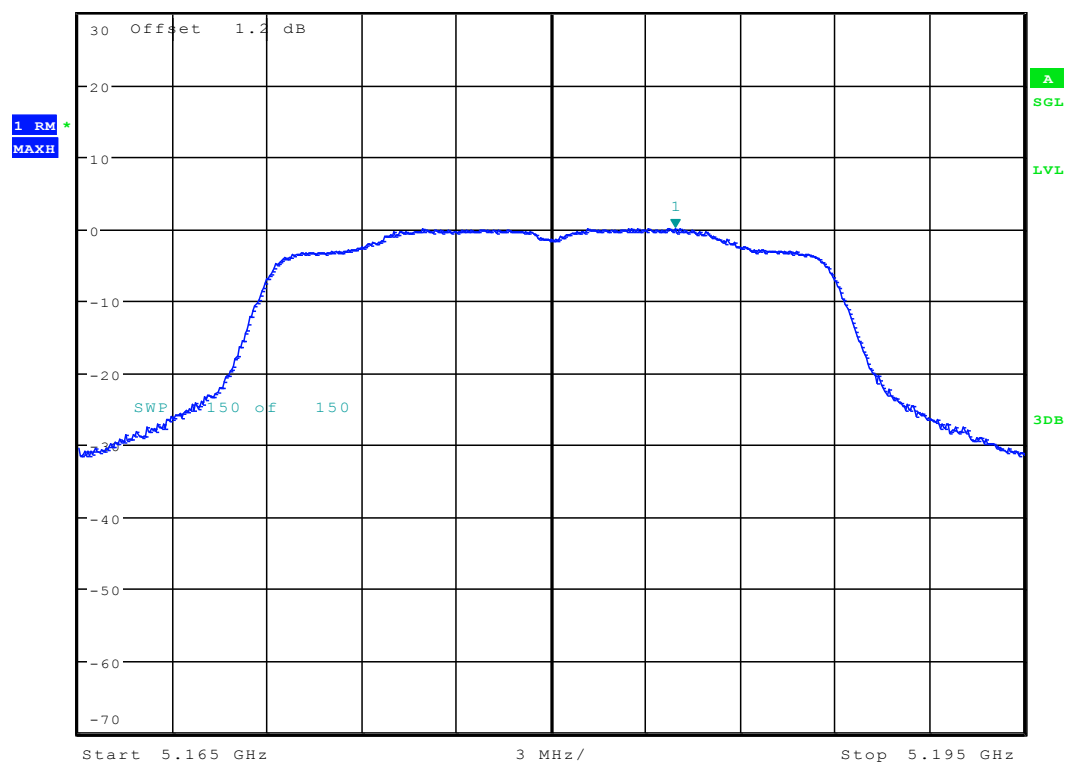


Date: 24.JAN.2018 11:37:34

11.19 11N20_36 ANT 1

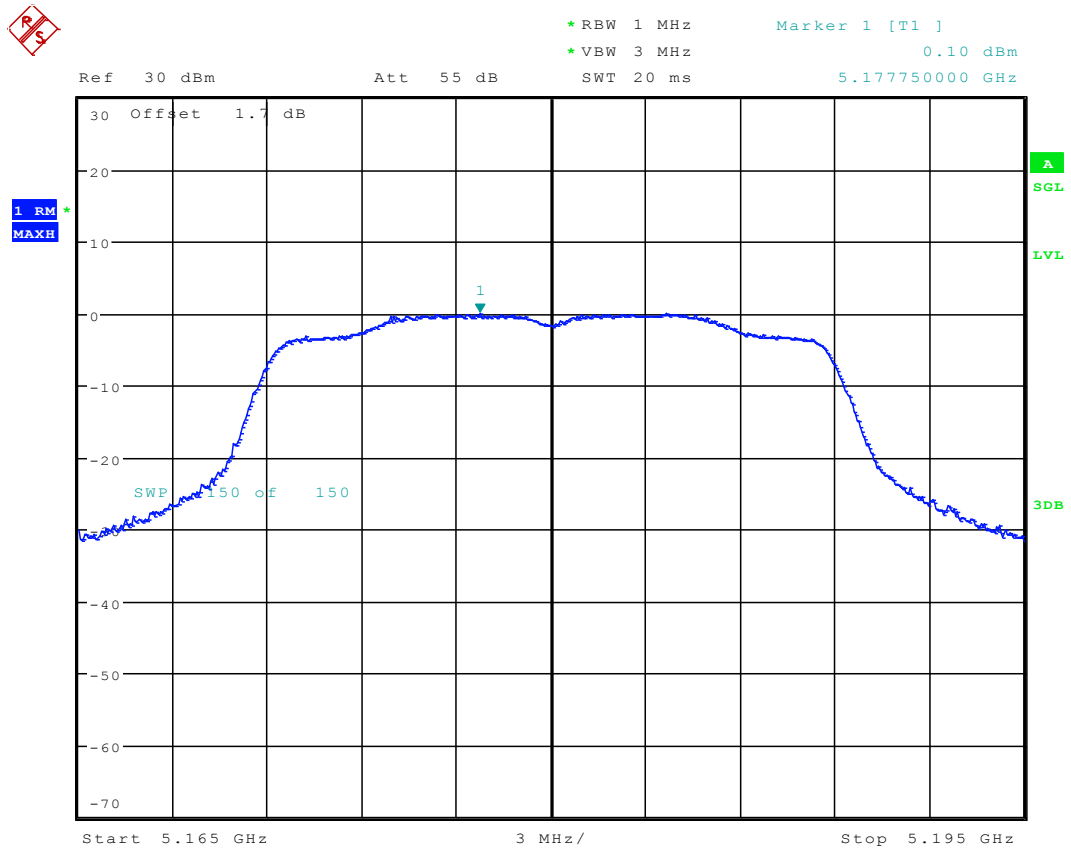


*RBW 1 MHz
*VBW 3 MHz
Marker 1 [T1]
0.16 dBm
Ref 30 dBm Att 55 dB SWT 20 ms 5.183950000 GHz



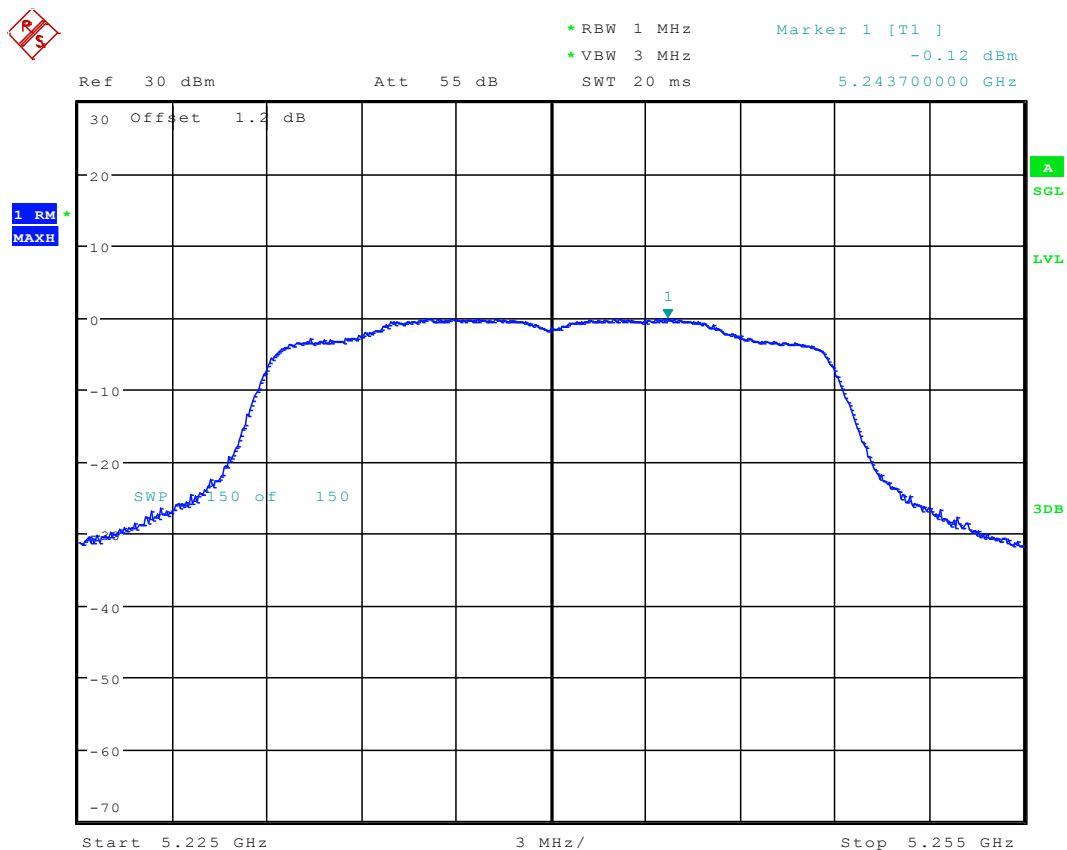
Date: 22.JAN.2018 14:52:06

11.20 11N20_36 ANT 2



Date: 24.JAN.2018 11:44:14

11.21 11N20_48 ANT 1

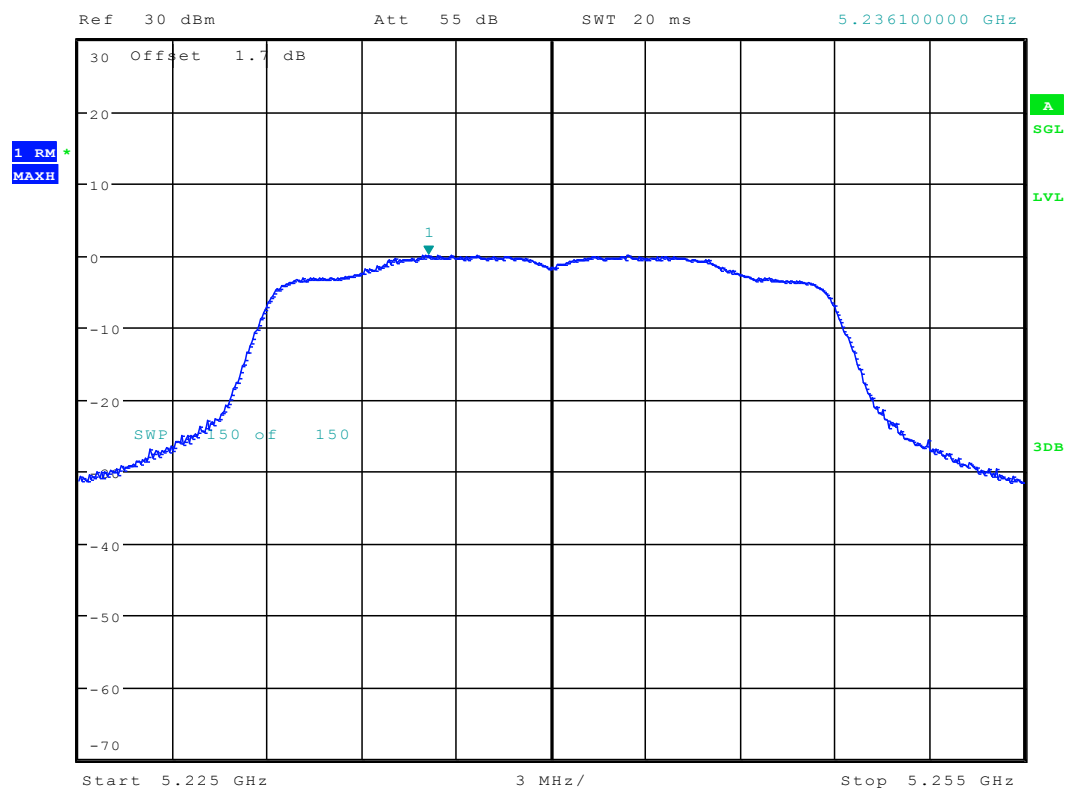


Date: 22.JAN.2018 14:54:57

11.22 11N20_48 ANT 2

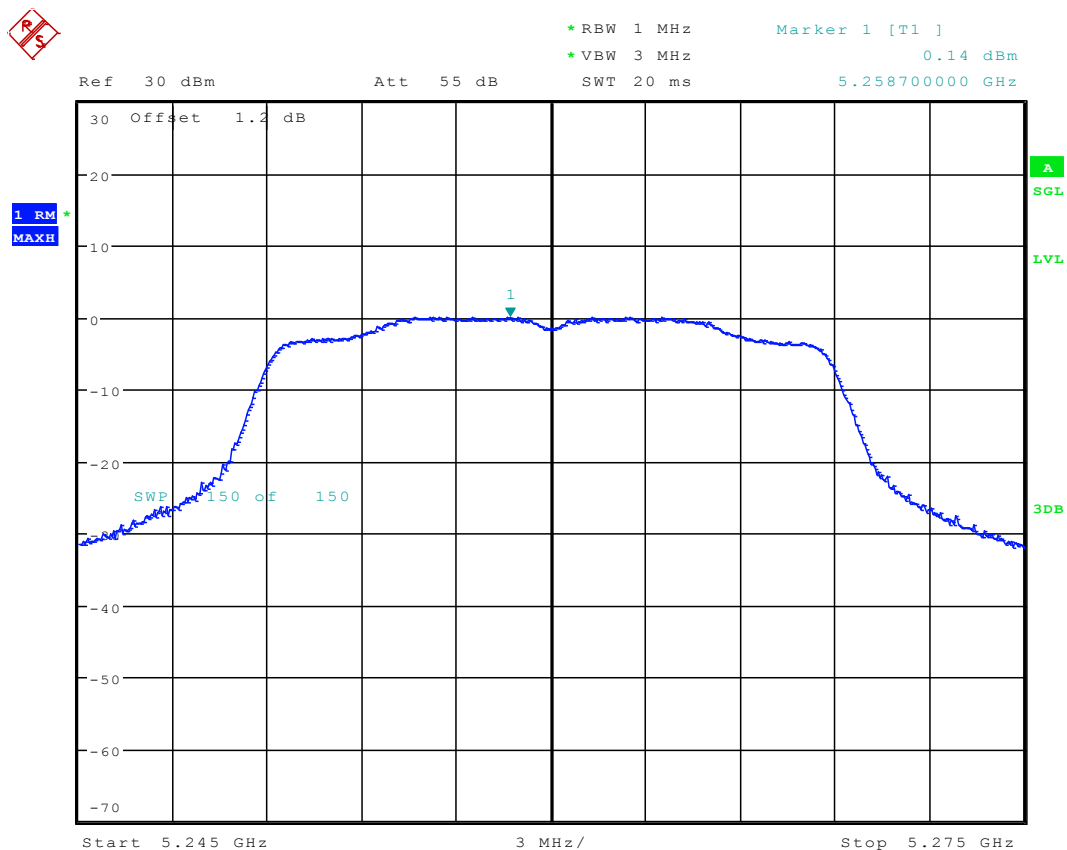


*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
0.14 dBm
5.236100000 GHz



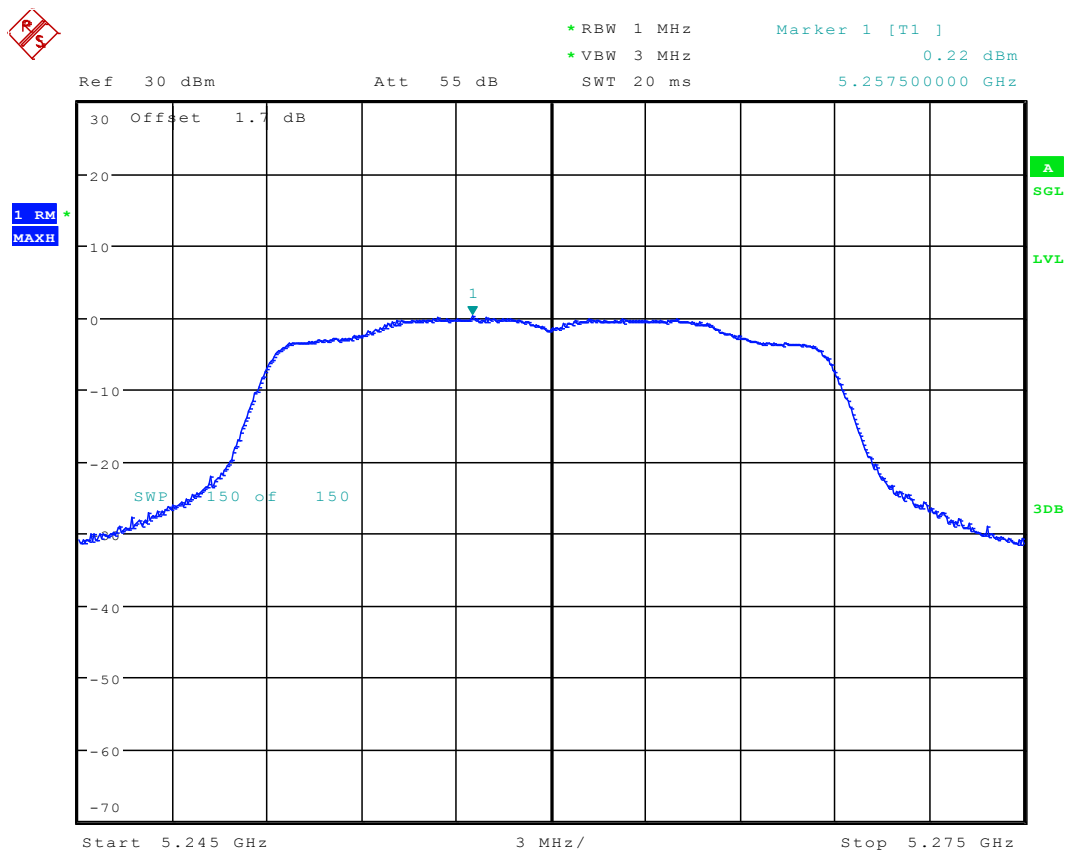
Date: 24.JAN.2018 11:47:35

11.23 11N20_52 ANT 1



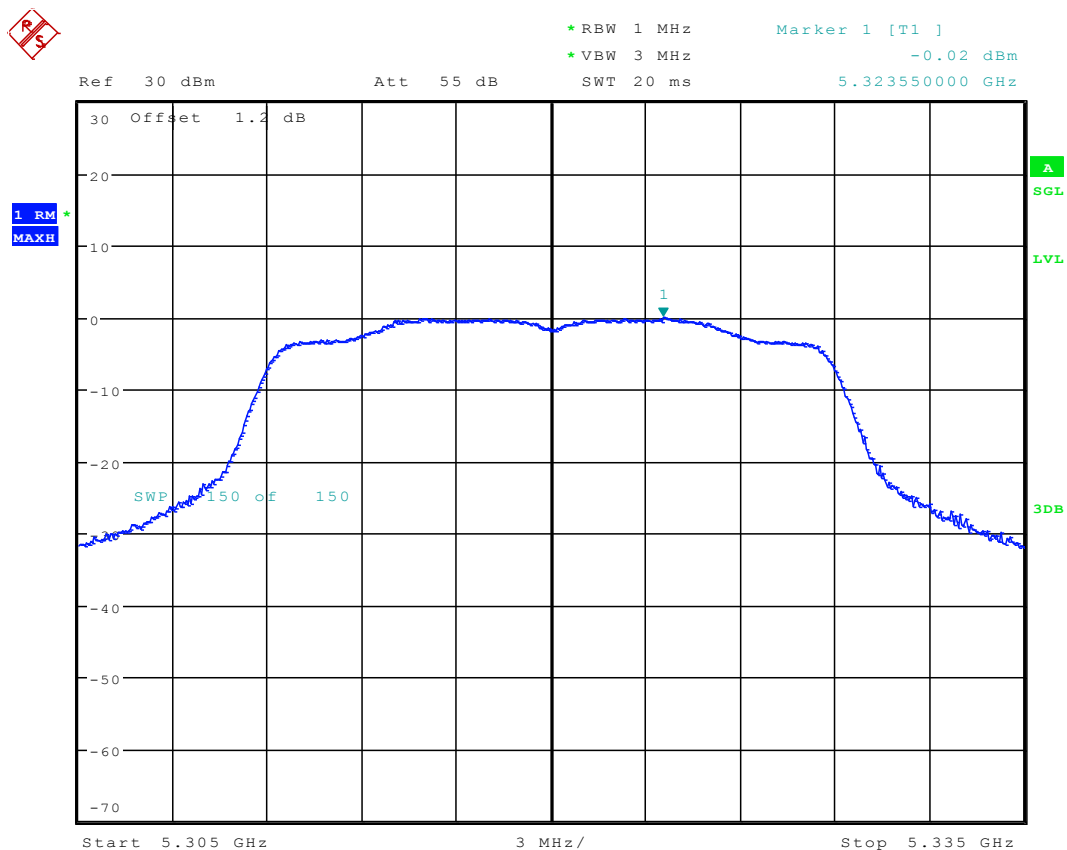
Date: 22.JAN.2018 14:57:28

11.24 11N20_52 ANT 2



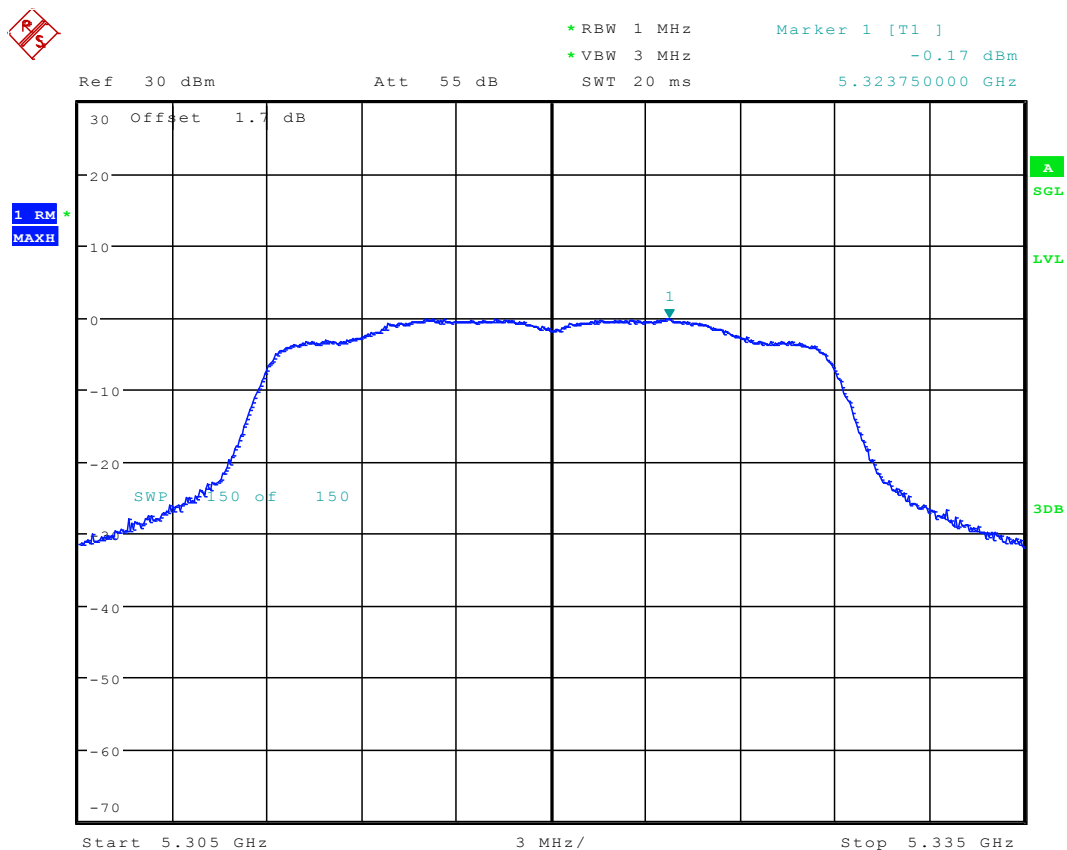
Date: 24.JAN.2018 11:50:08

11.25 11N20_64 ANT 1



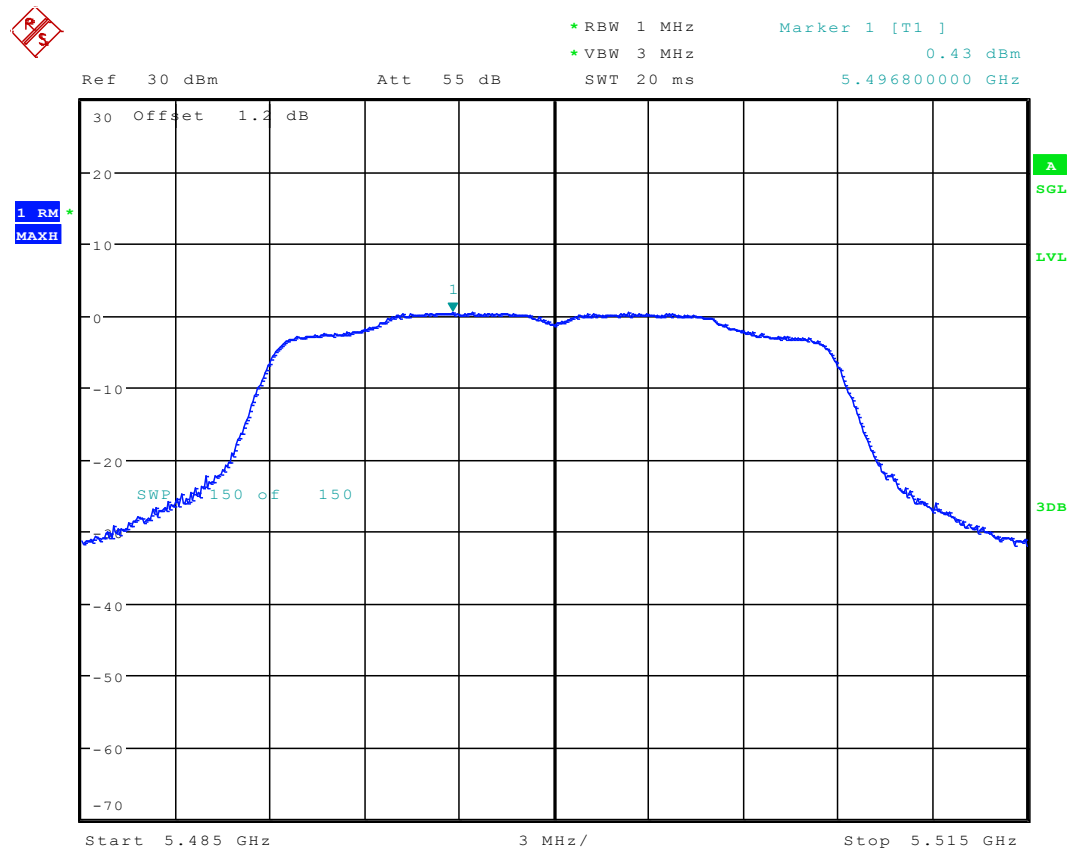
Date: 22.JAN.2018 15:02:32

11.26 11N20_64 ANT 2



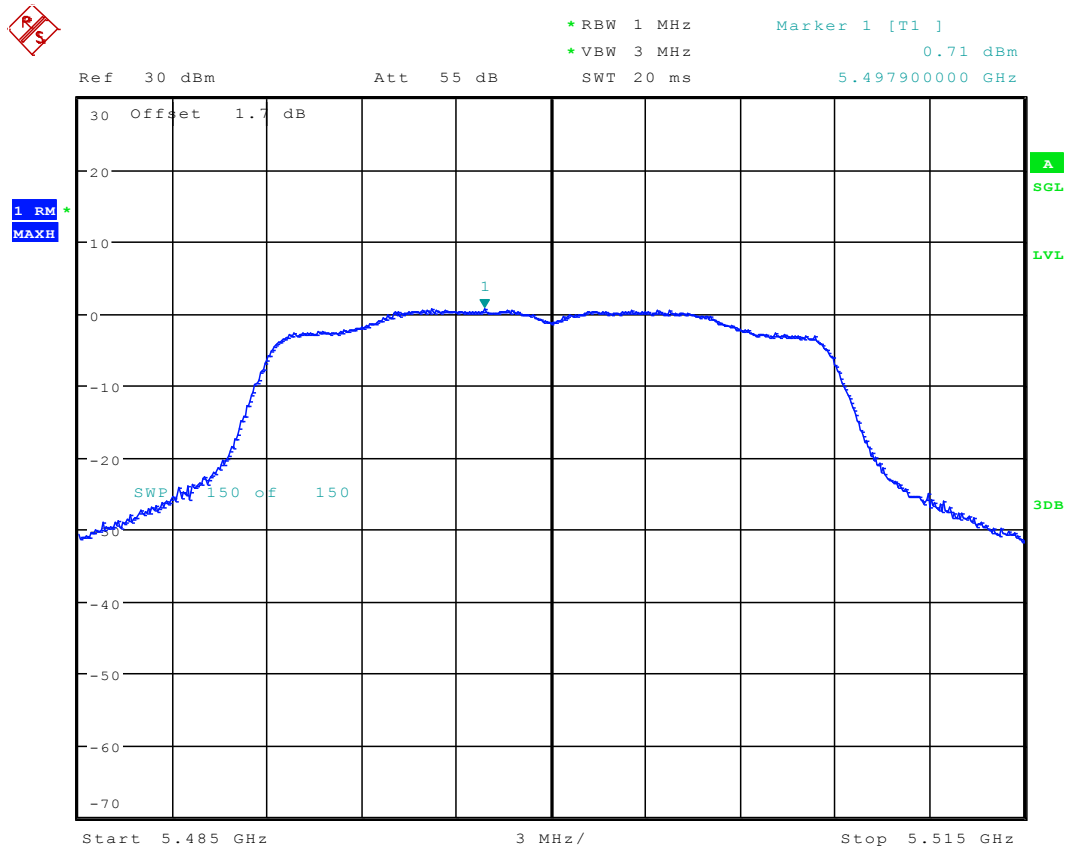
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11.27 11N20_100 ANT 1



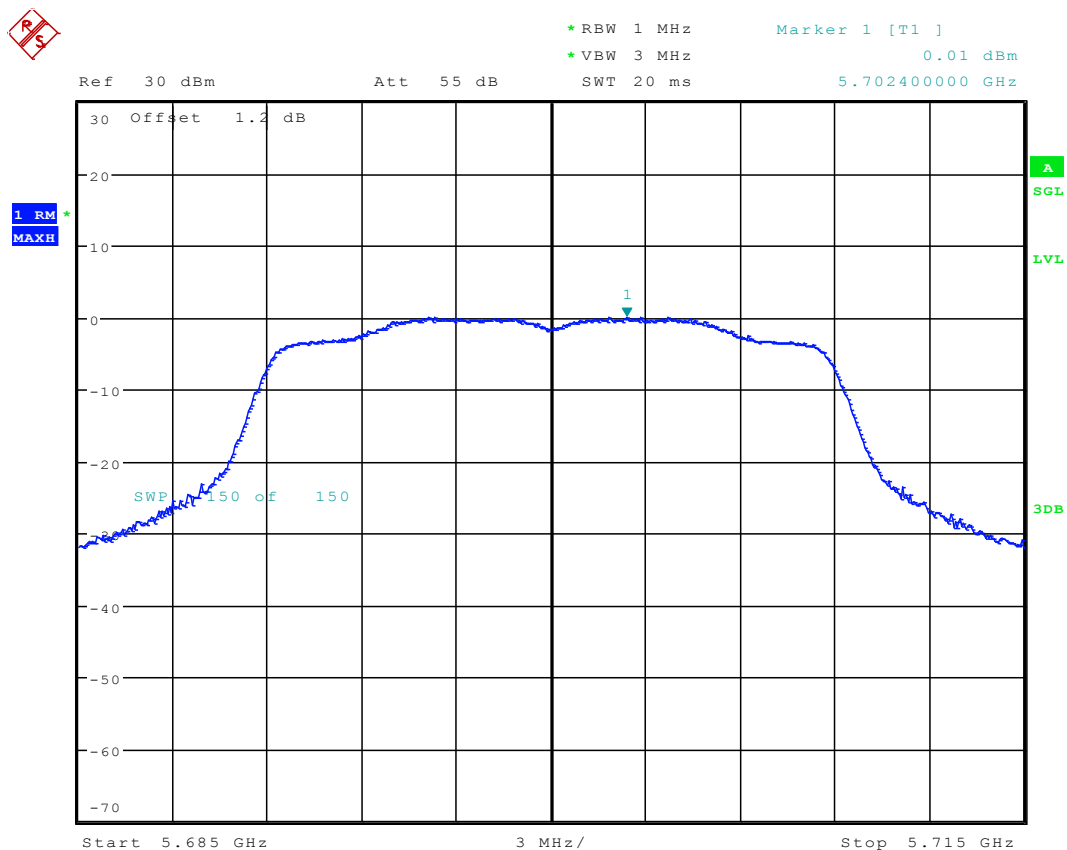
Date: 22.JAN.2018 15:05:38

11.28 11N20_100 ANT 2



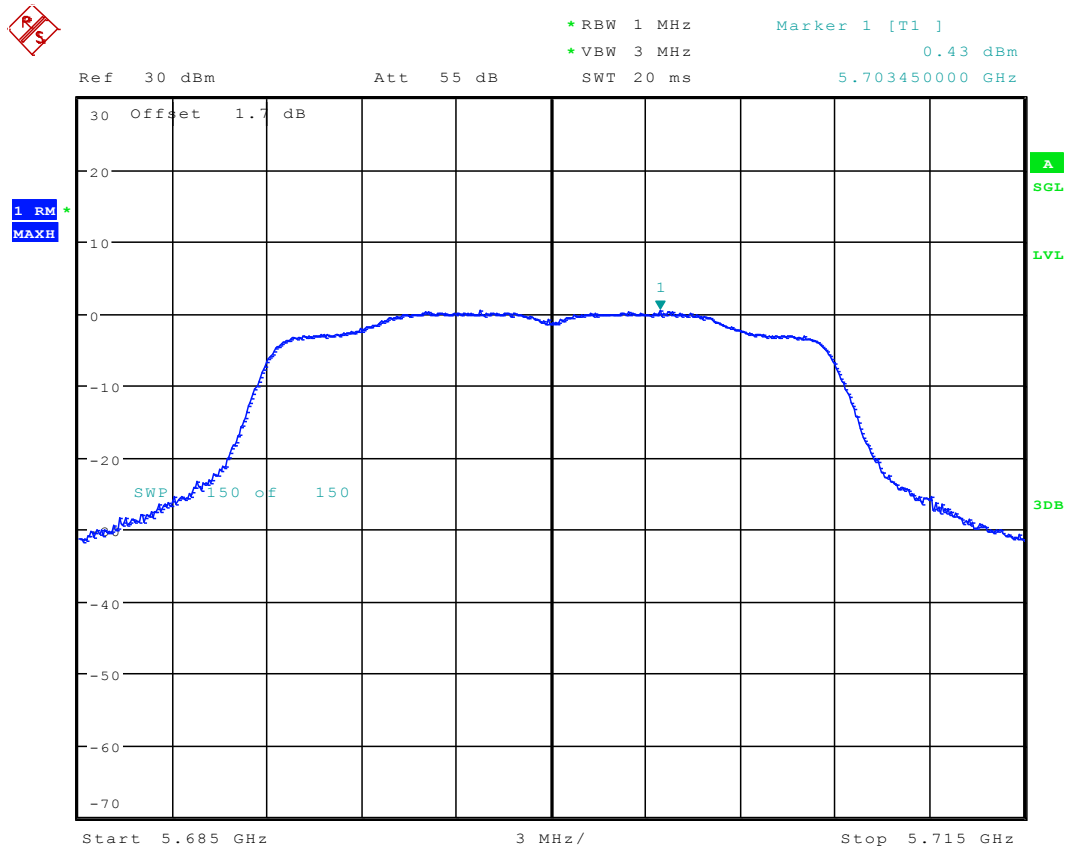
Date: 24.JAN.2018 12:04:37

11.29 11N20_140 ANT 1



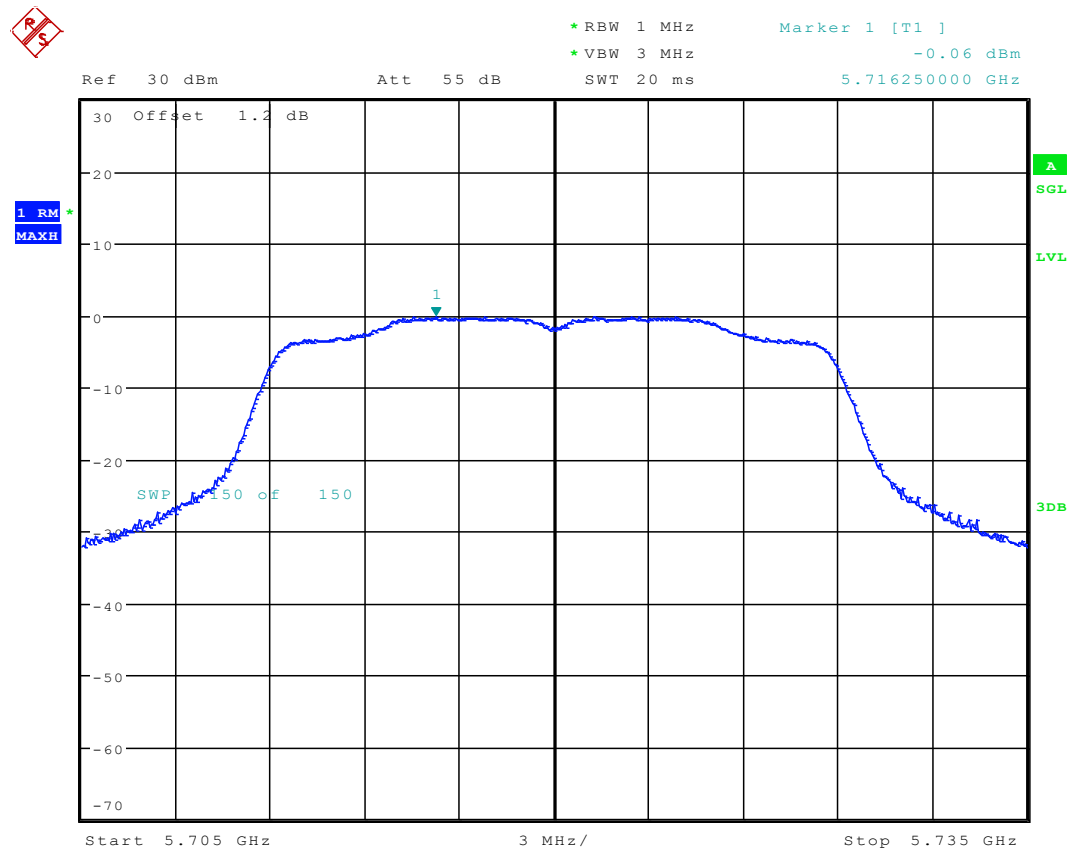
Date: 22.JAN.2018 15:08:48

11.30 11N20_140 ANT 2



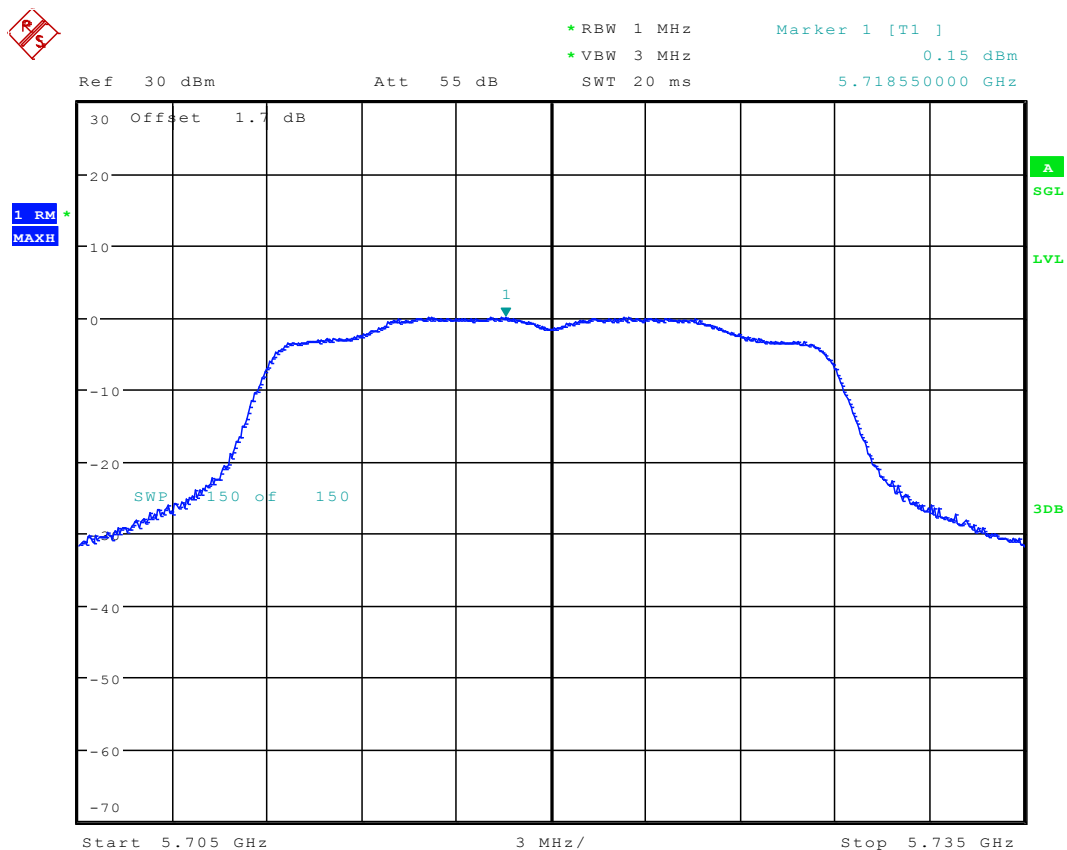
Date: 24.JAN.2018 13:35:36

11.31 11N20_144 ANT 1



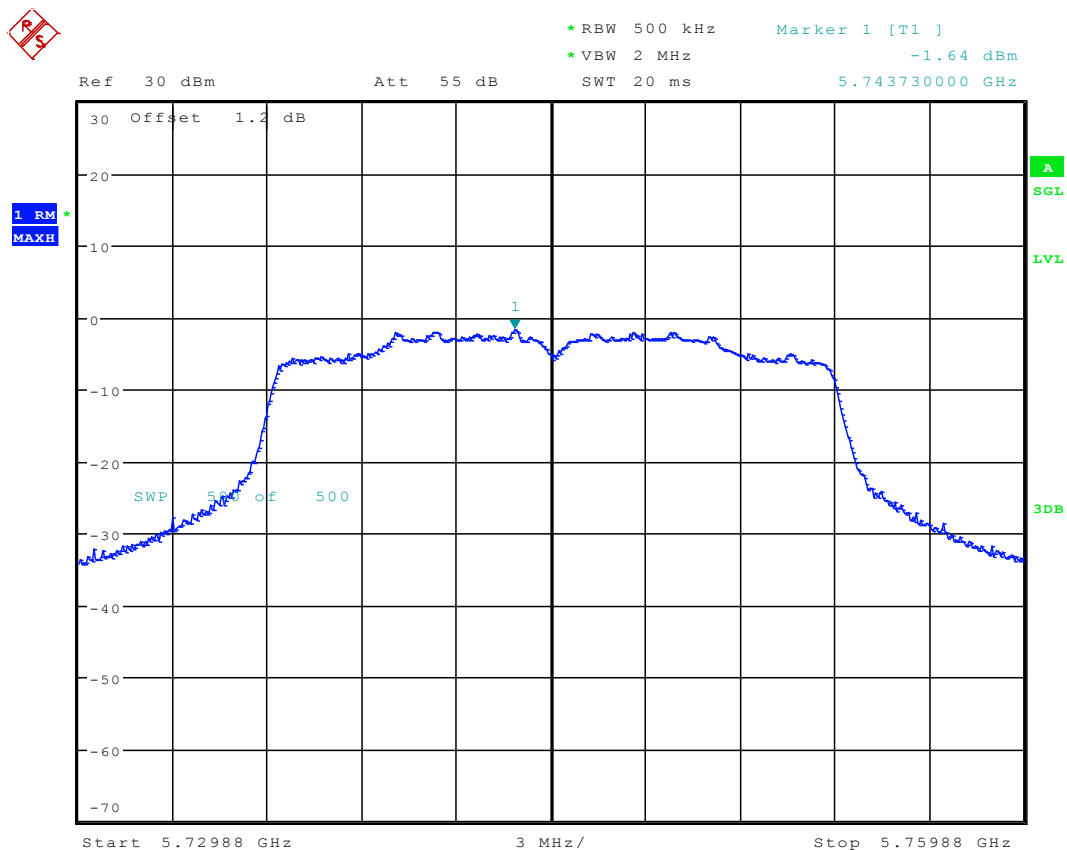
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11.32 11N20_144 ANT 2



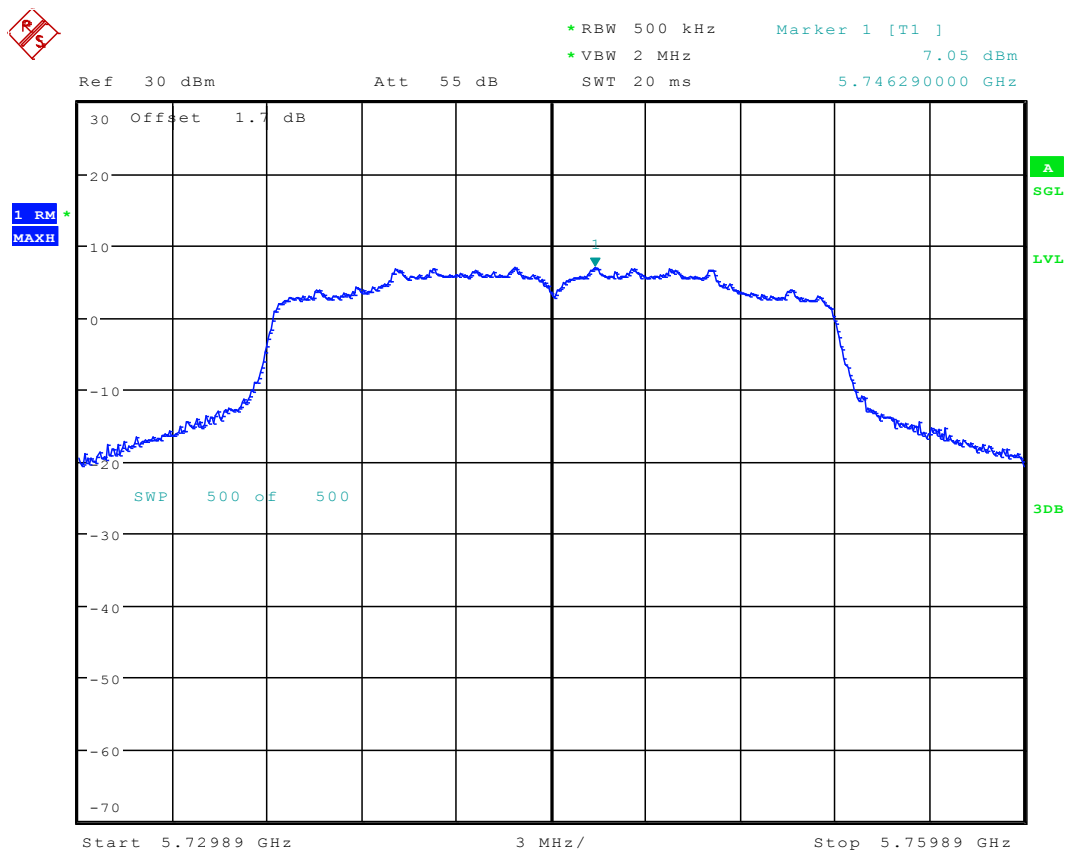
Date: 24.JAN.2018 13:38:02

11.33 11N20_149 ANT 1



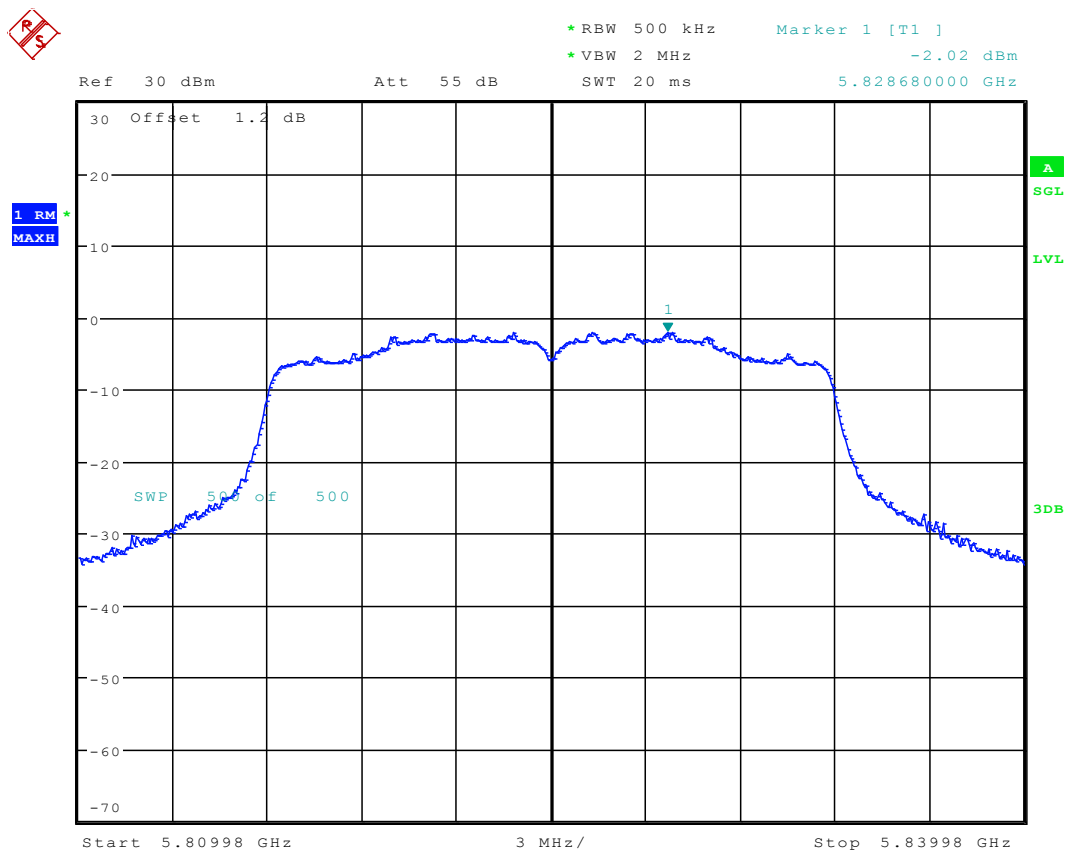
Date: 22.JAN.2018 15:16:49

11.34 11N20_149 ANT 2



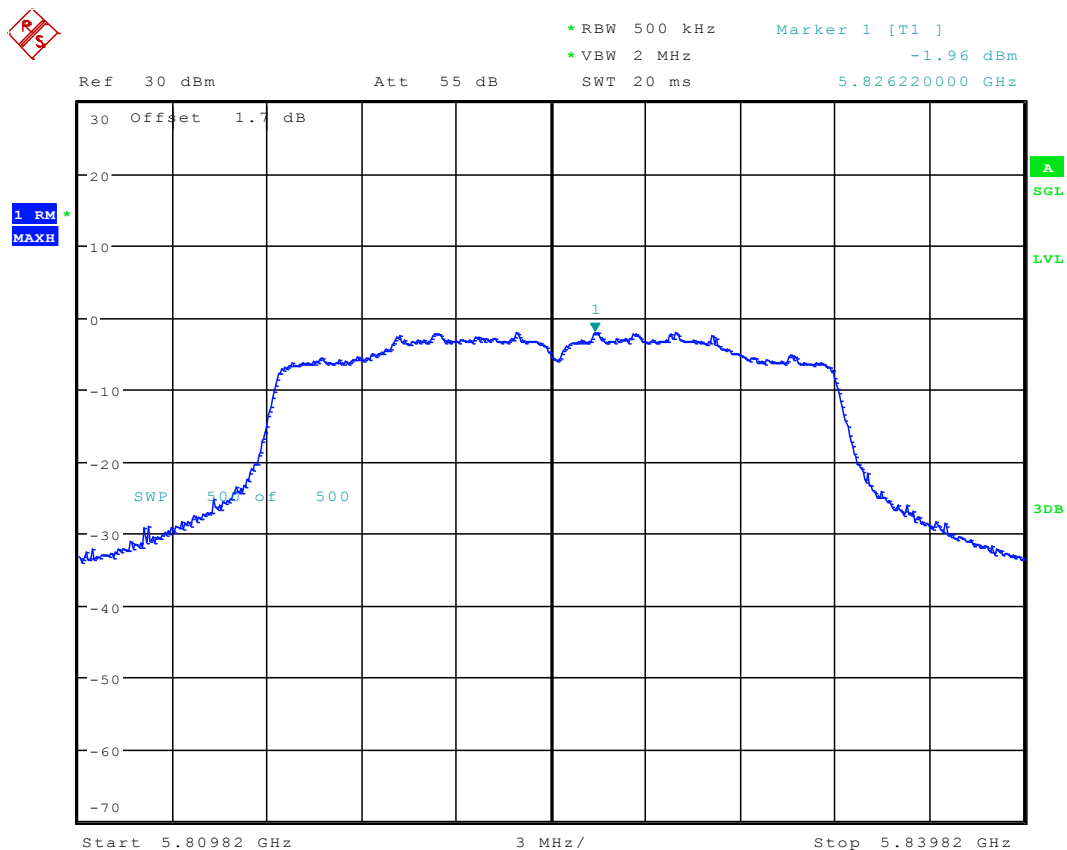
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11.35 11N20_165 ANT 1



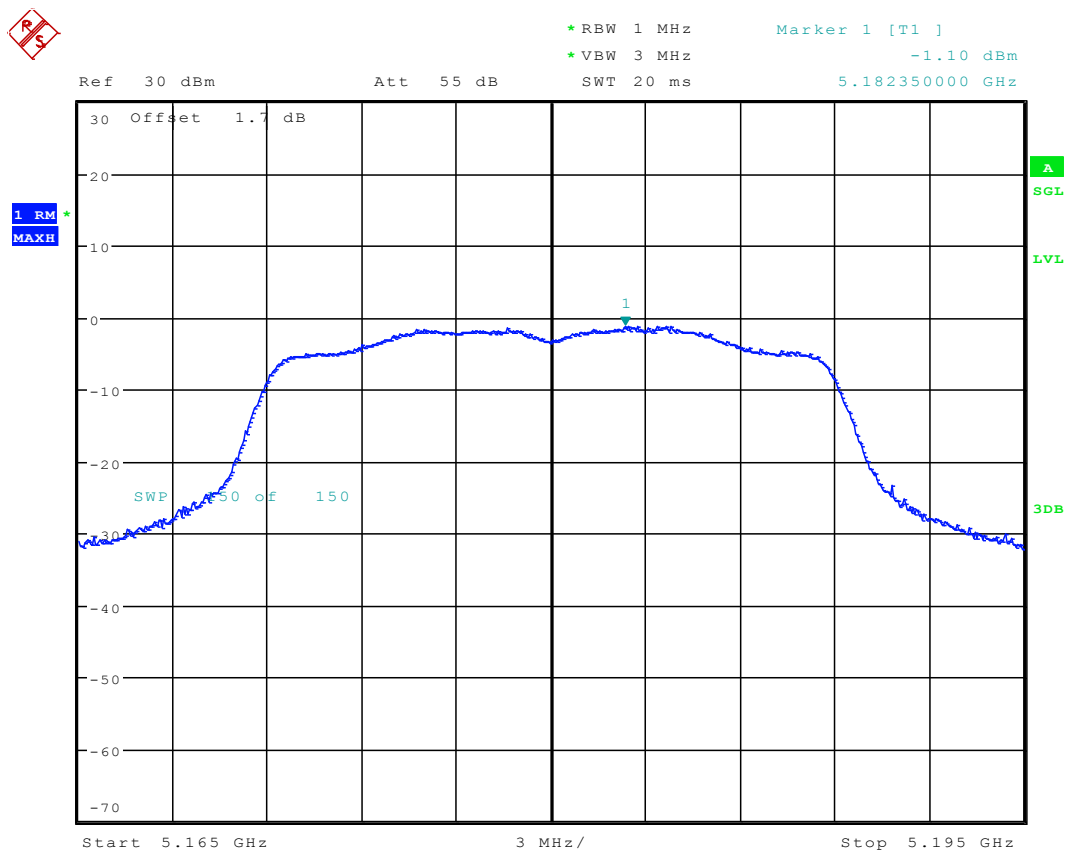
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11.36 11N20_165 ANT 2



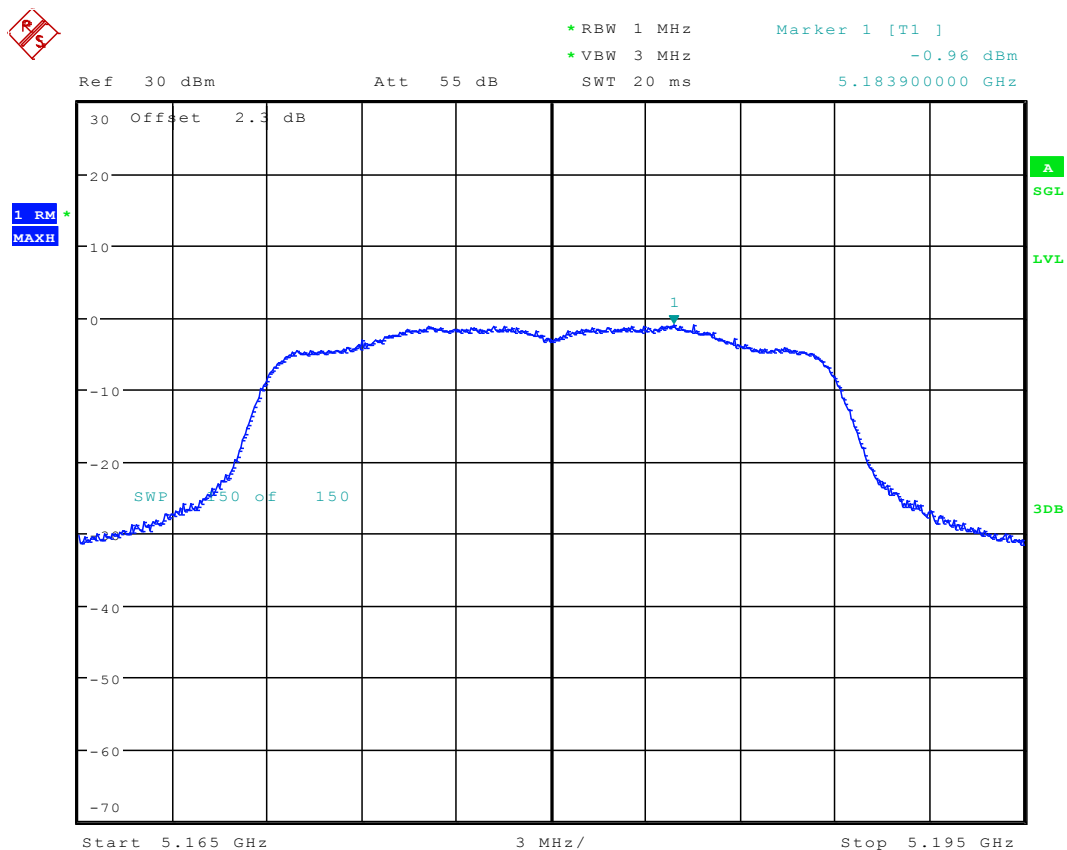
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11.37 11N20MIMO_36 ANT 1



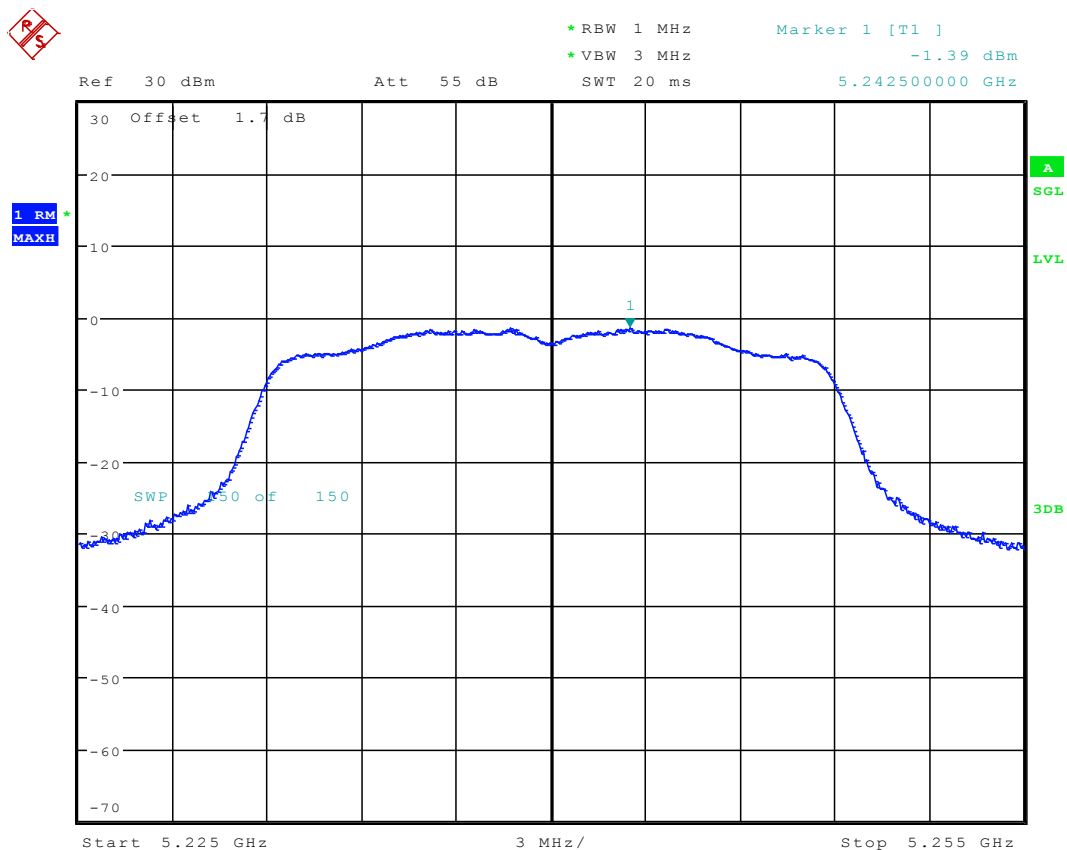
Date: 23.JAN.2018 14:45:53

11.38 11N20MIMO_36 ANT 2



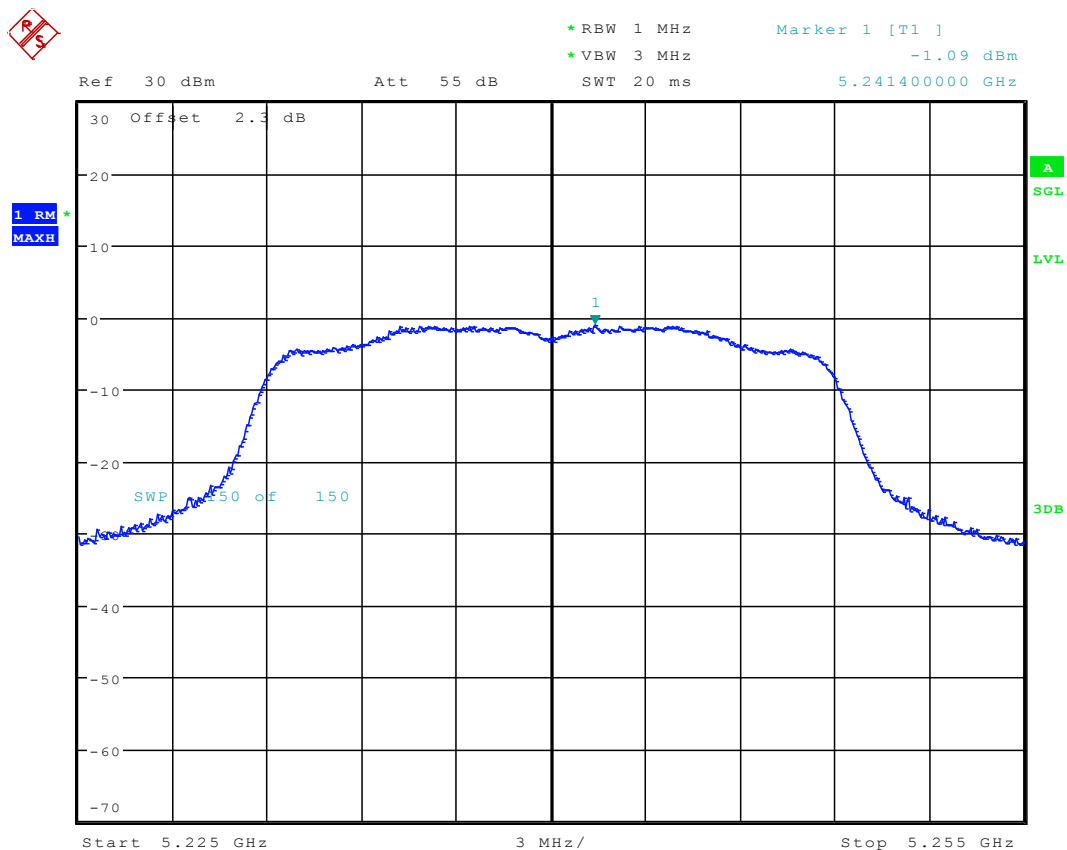
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11.39 11N20MIMO_48 ANT 1



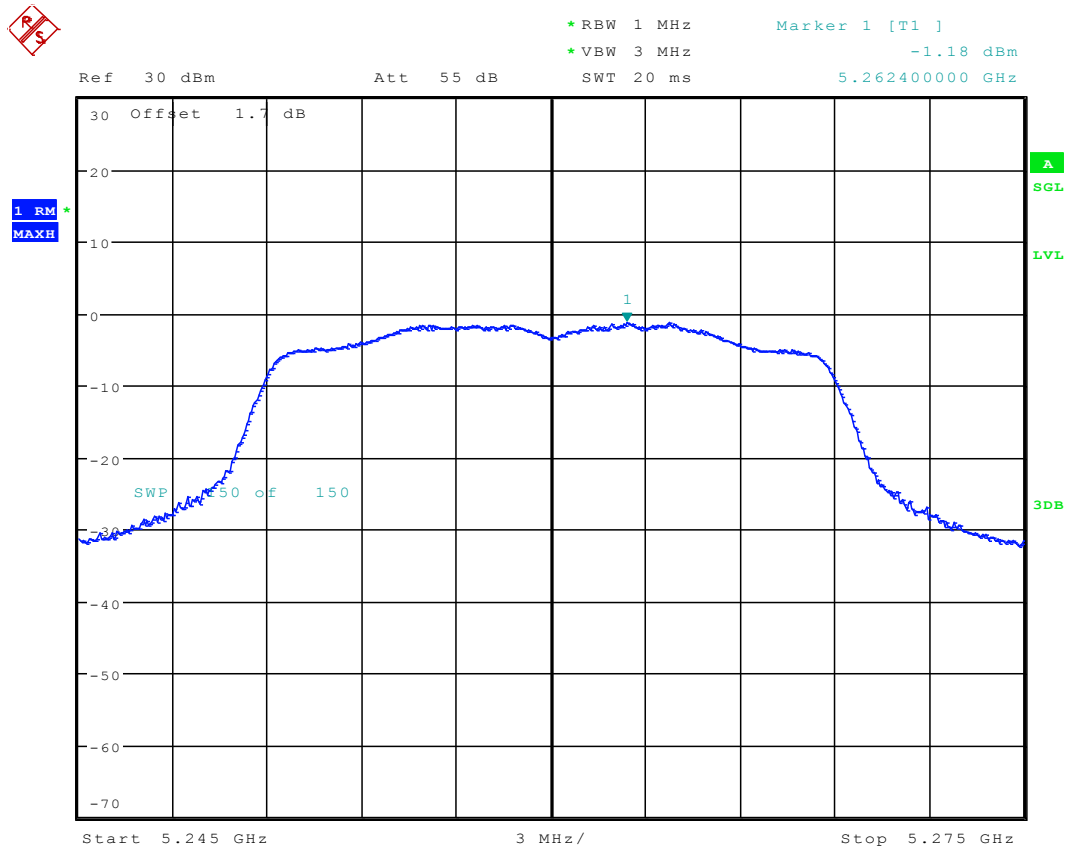
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11.40 11N20MIMO_48 ANT 2



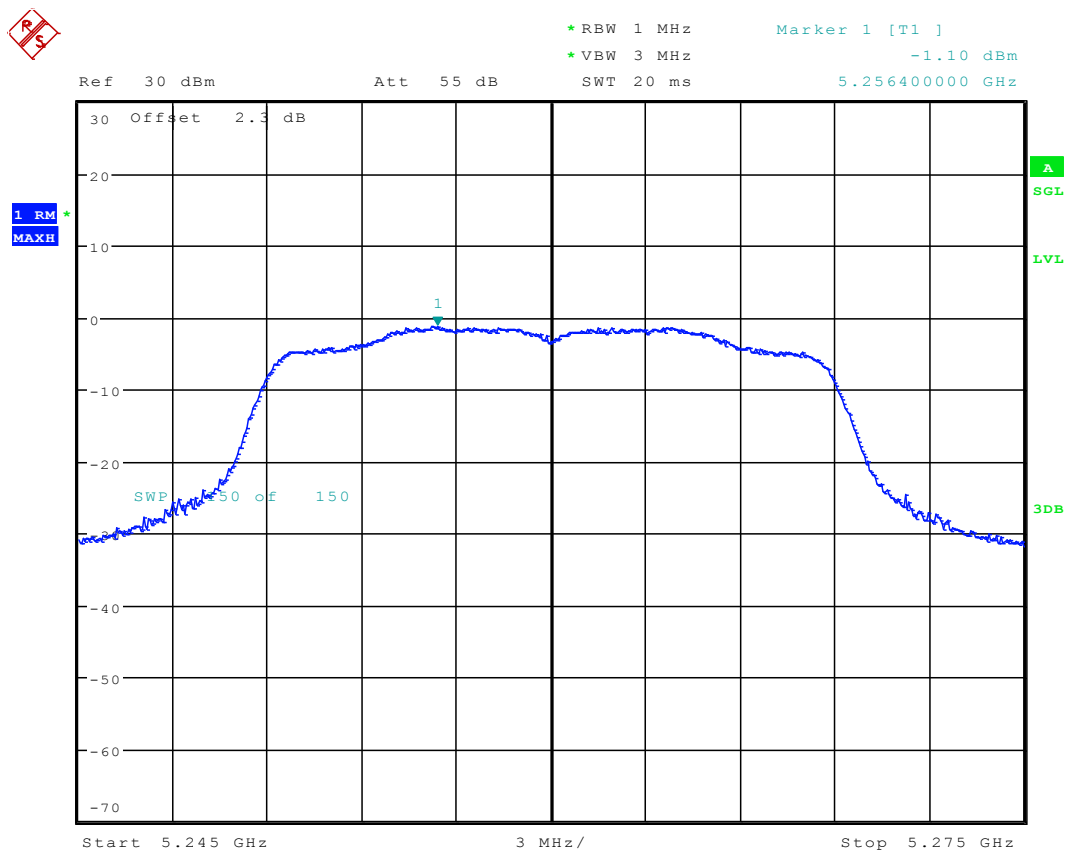
Date: 26.JAN.2018 14:16:56

11.41 11N20MIMO_52 ANT 1



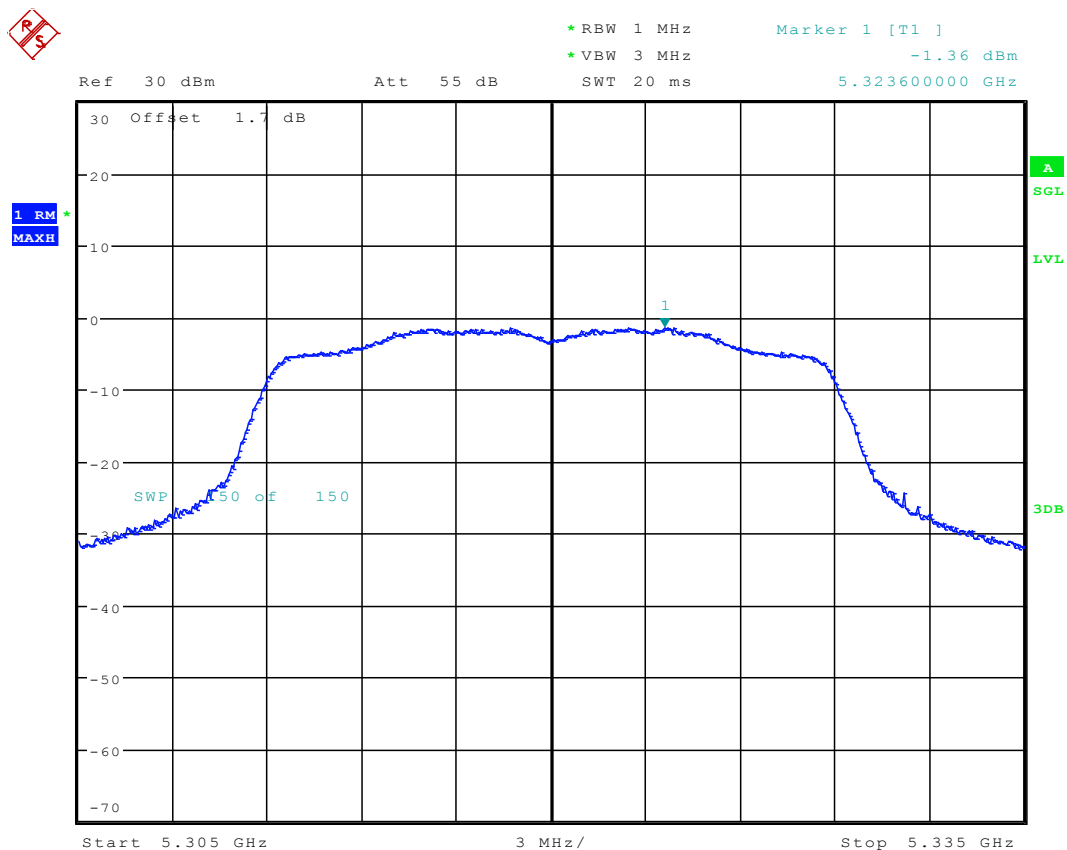
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11.42 11N20MIMO_52 ANT 2



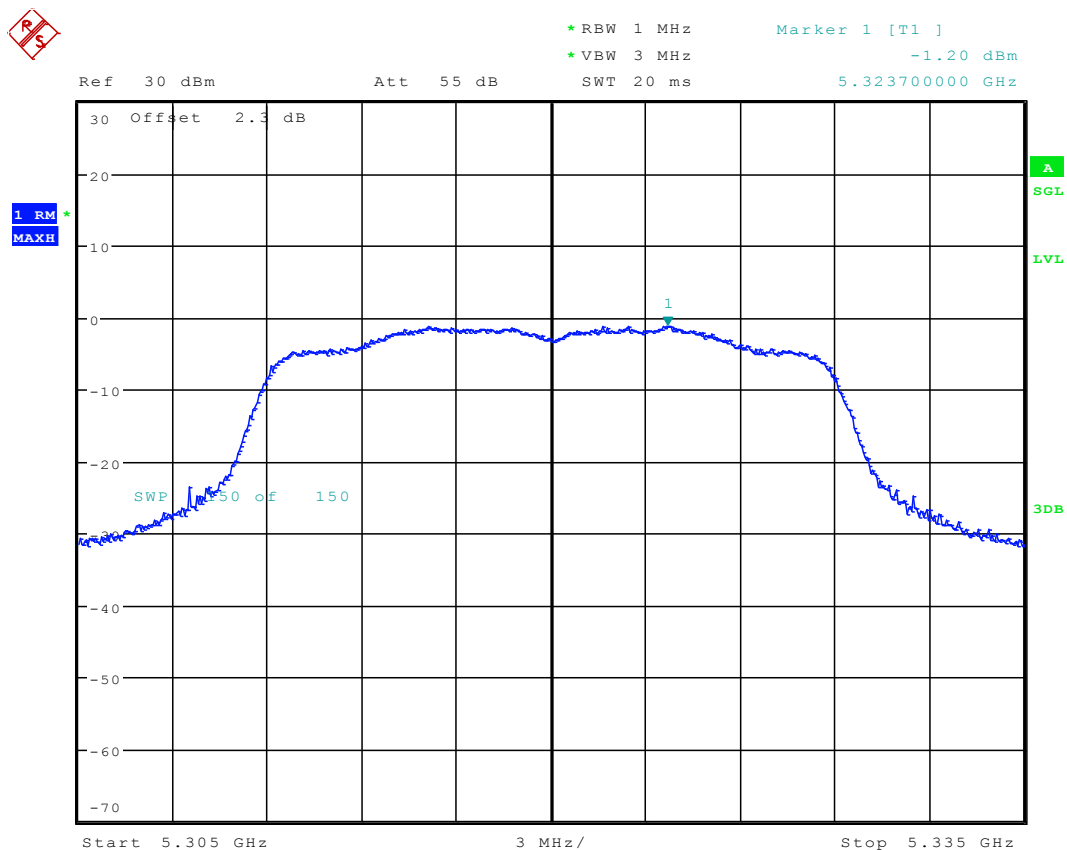
Date: 26.JAN.2018 14:19:23

11.43 11N20MIMO_64 ANT 1



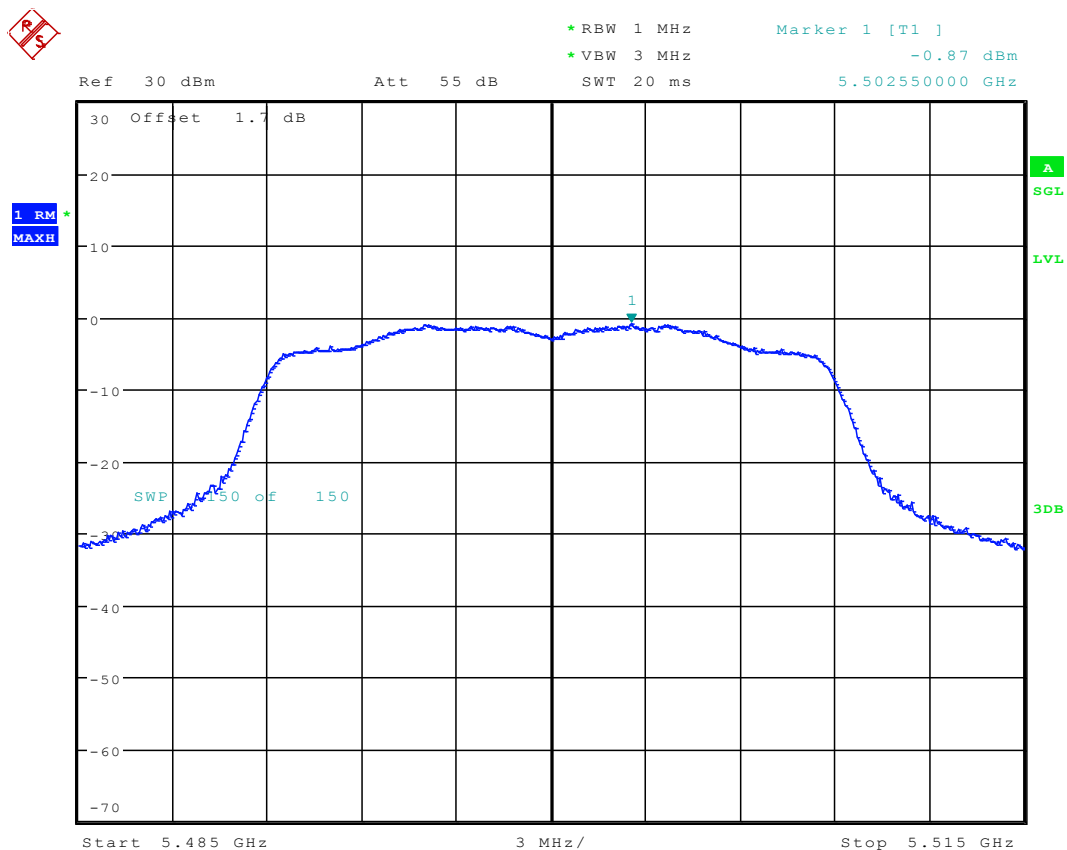
Date: 23.JAN.2018 14:53:55

11.44 11N20MIMO_64 ANT 2



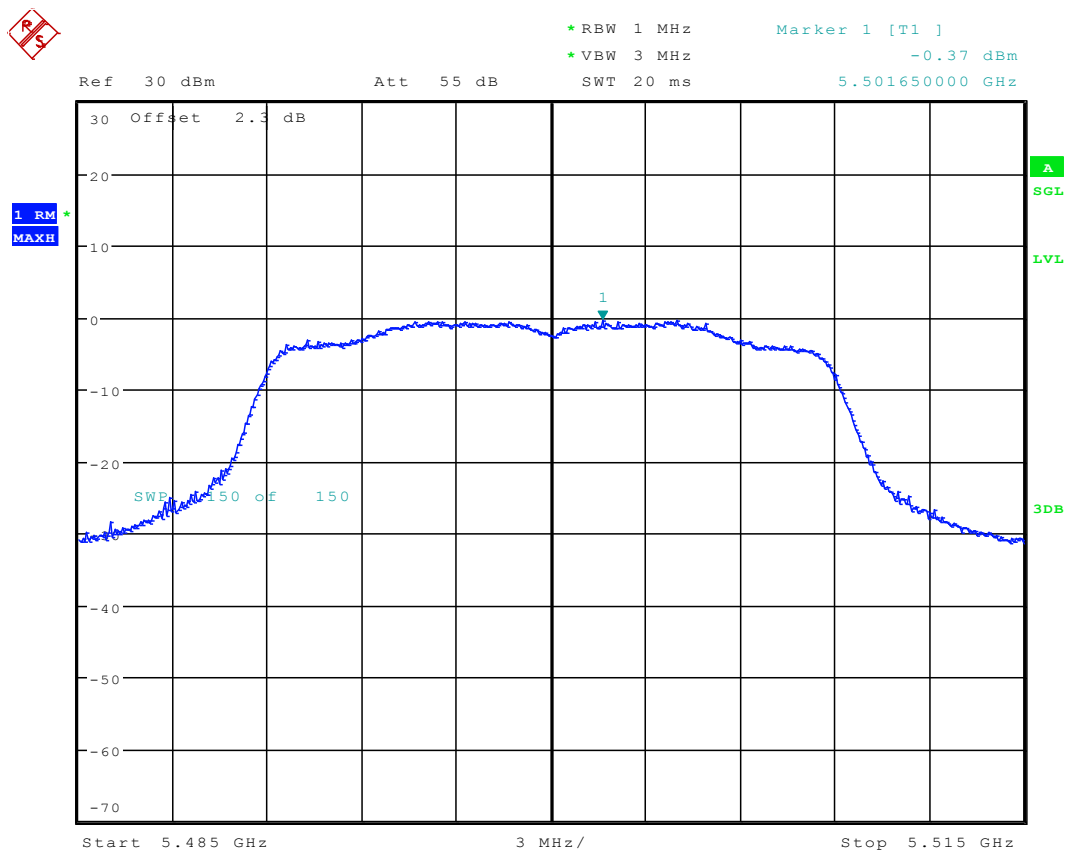
Date: 26.JAN.2018 14:22:28

11.45 11N20MIMO_100 ANT 1



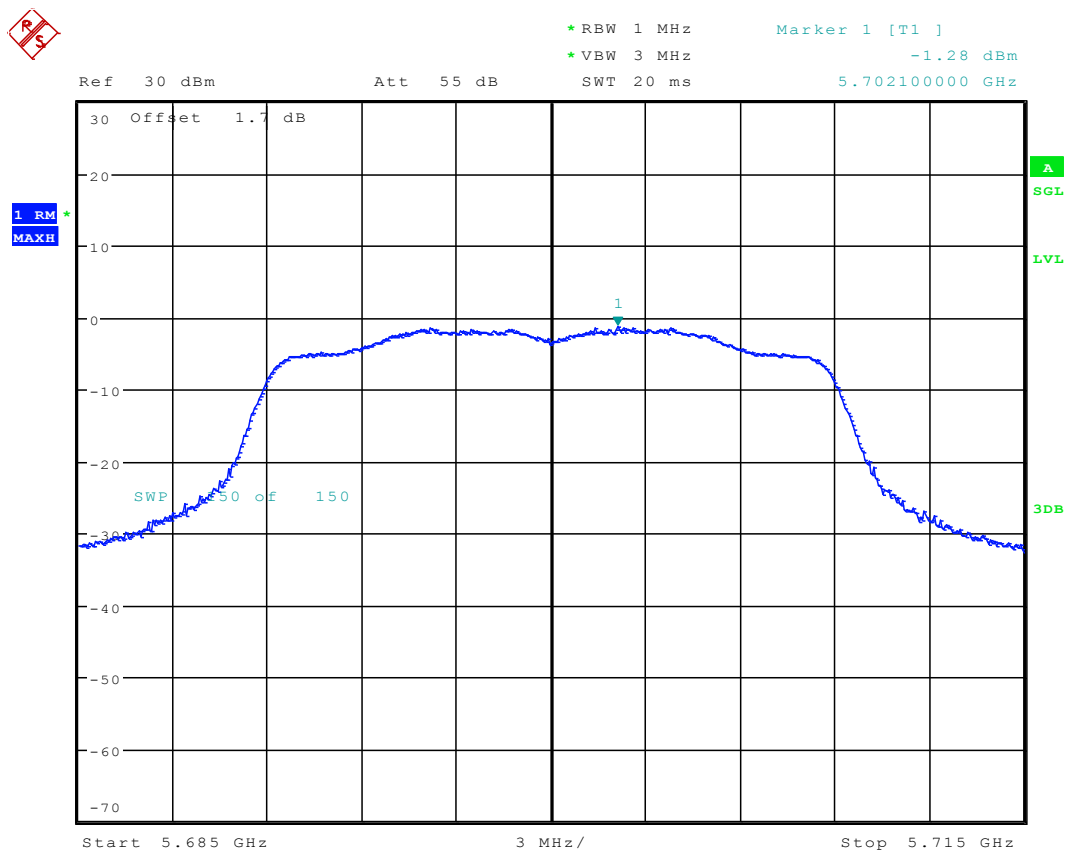
Date: 23.JAN.2018 14:56:31

11.46 11N20MIMO_100 ANT 2



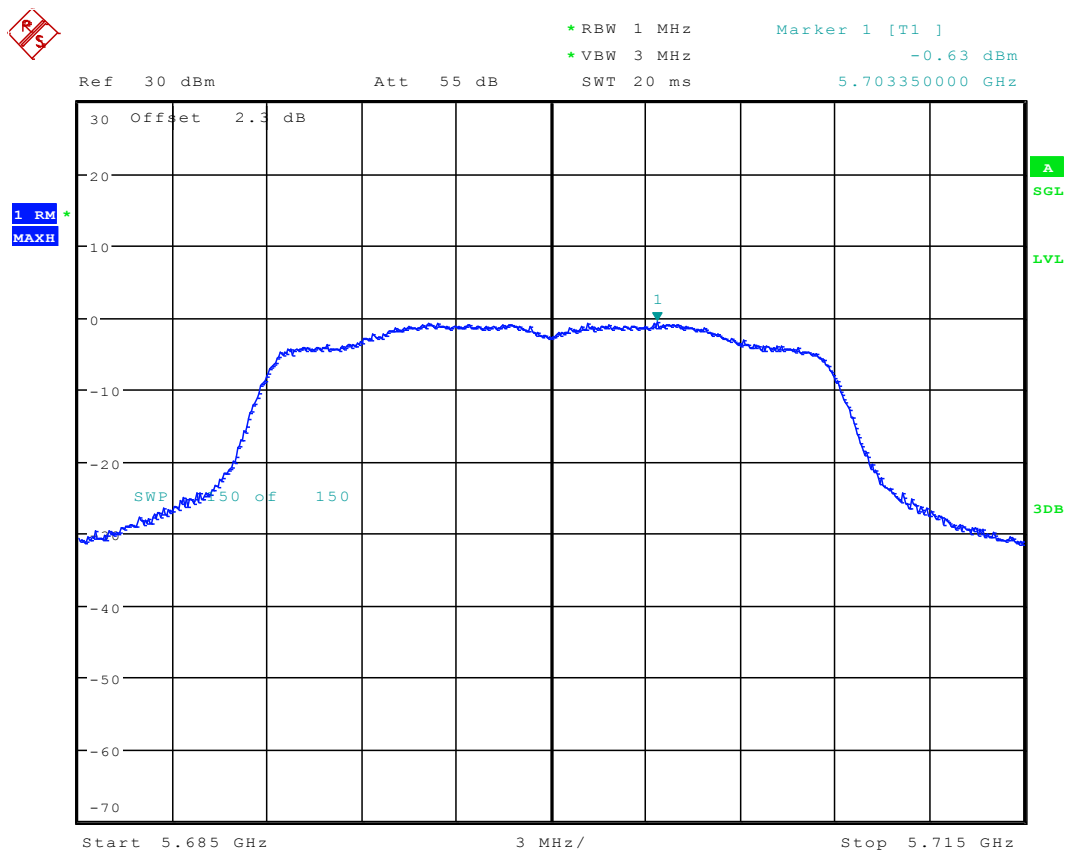
Date: 26.JAN.2018 14:33:22

11.47 11N20MIMO_140 ANT 1



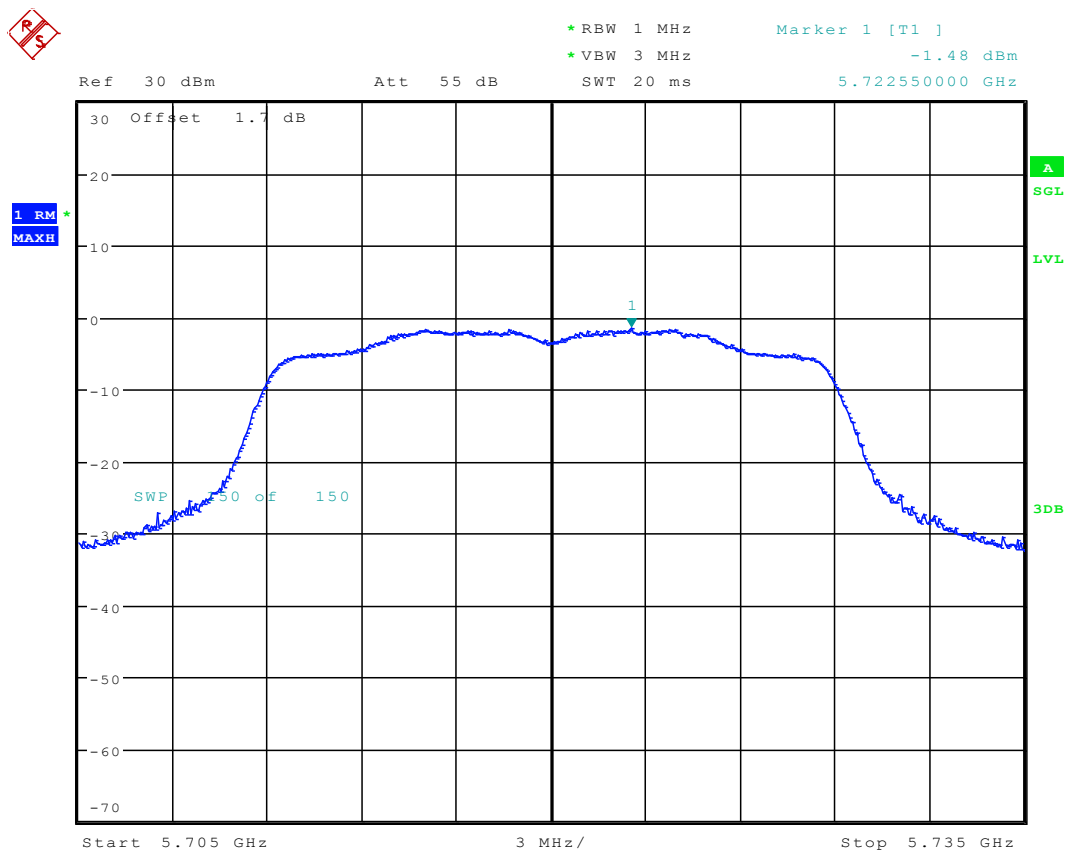
Date: 23.JAN.2018 14:59:07

11.48 11N20MIMO_140 ANT 2



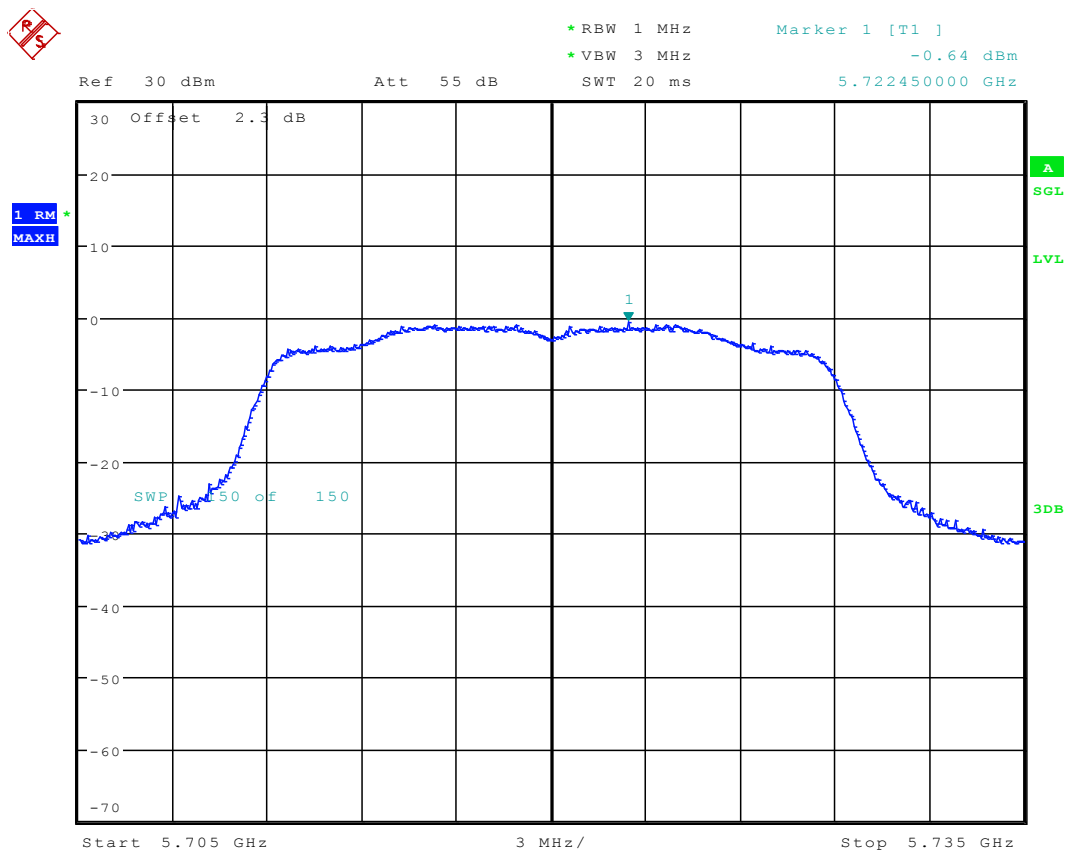
Date: 26.JAN.2018 14:35:55

11.49 11N20MIMO_144 ANT 1



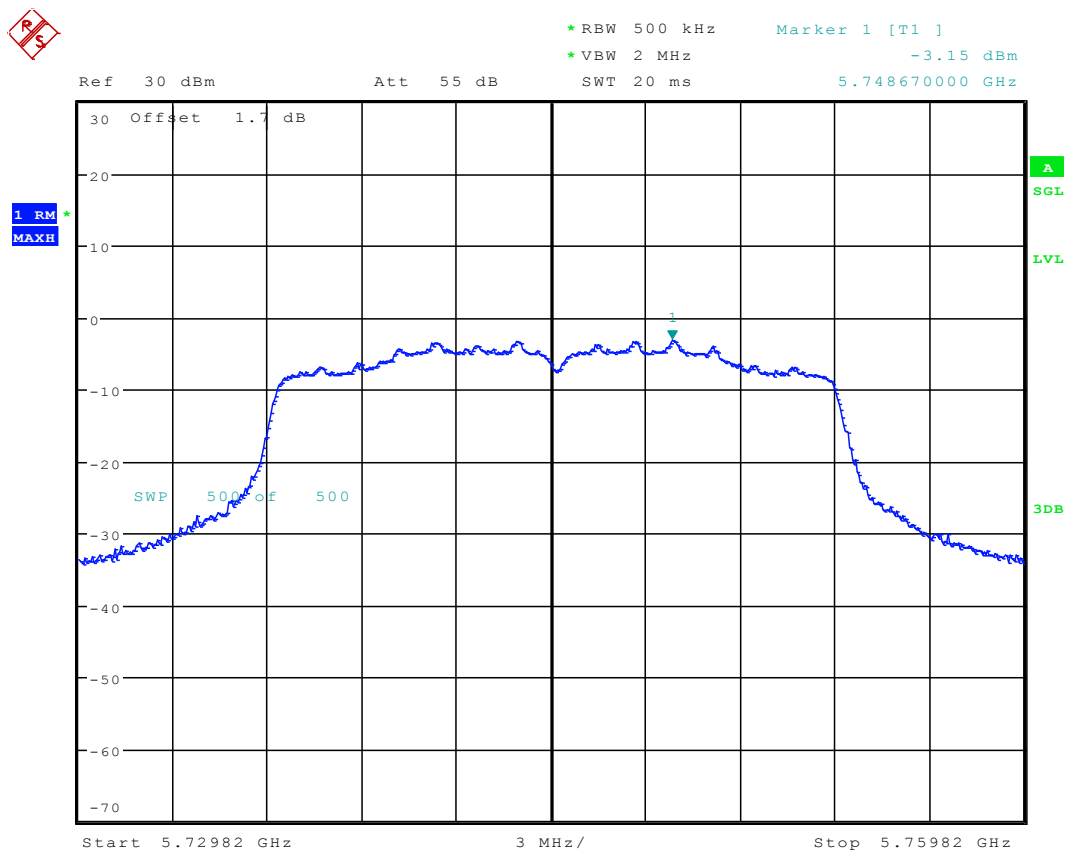
Date: 23.JAN.2018 15:04:12

11.50 11N20MIMO_144 ANT 2



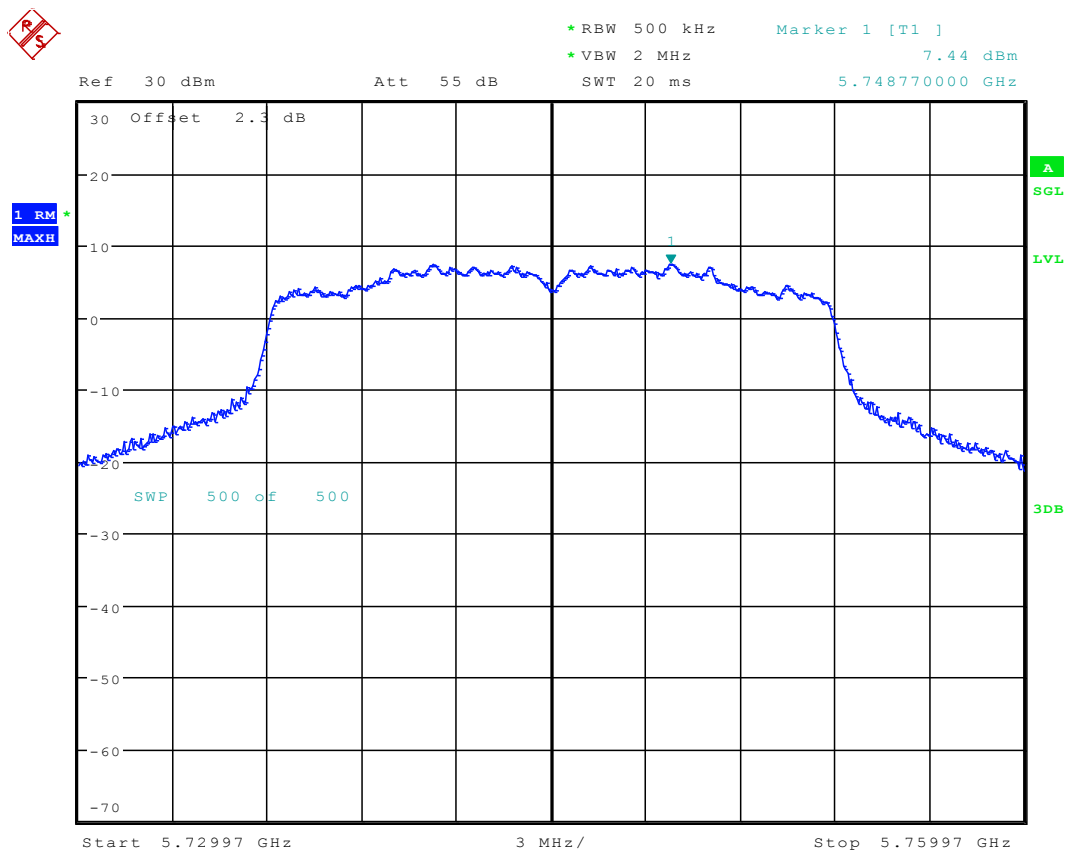
Date: 26.JAN.2018 14:38:43

11.51 11N20MIMO_149 ANT 1



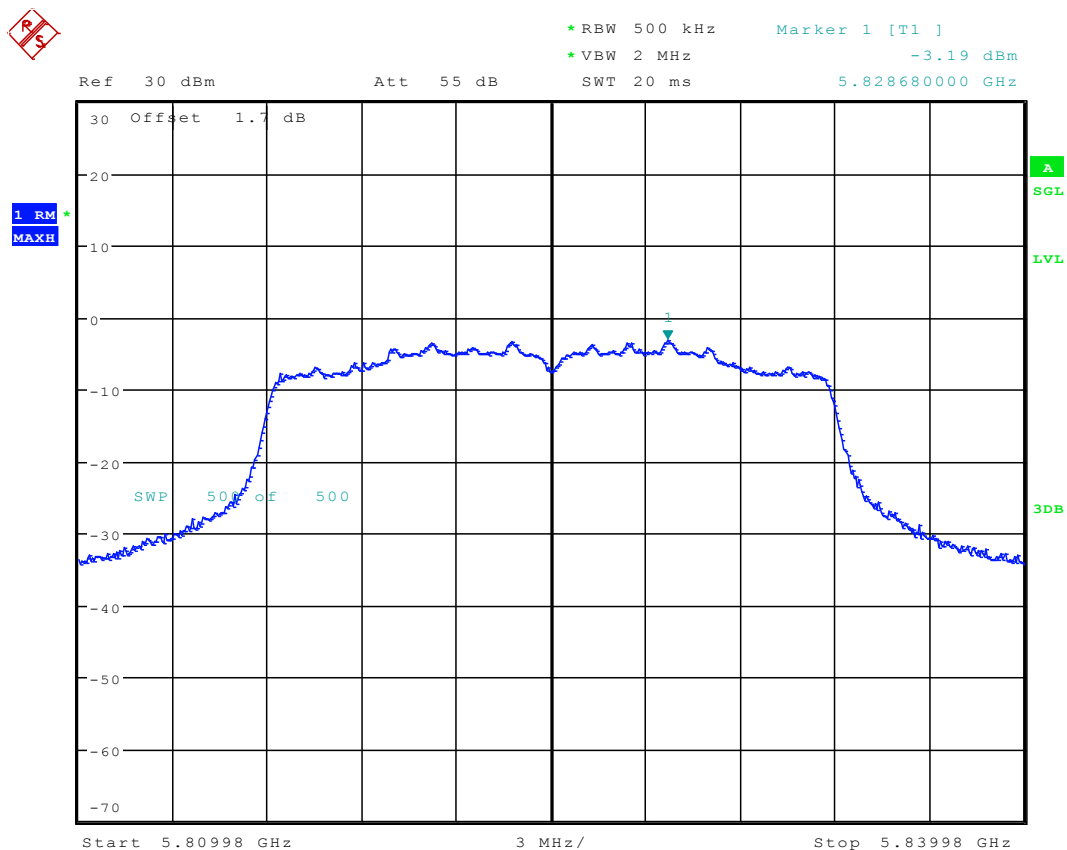
Date: 23.JAN.2018 15:07:29

11.52 11N20MIMO_149 ANT 2



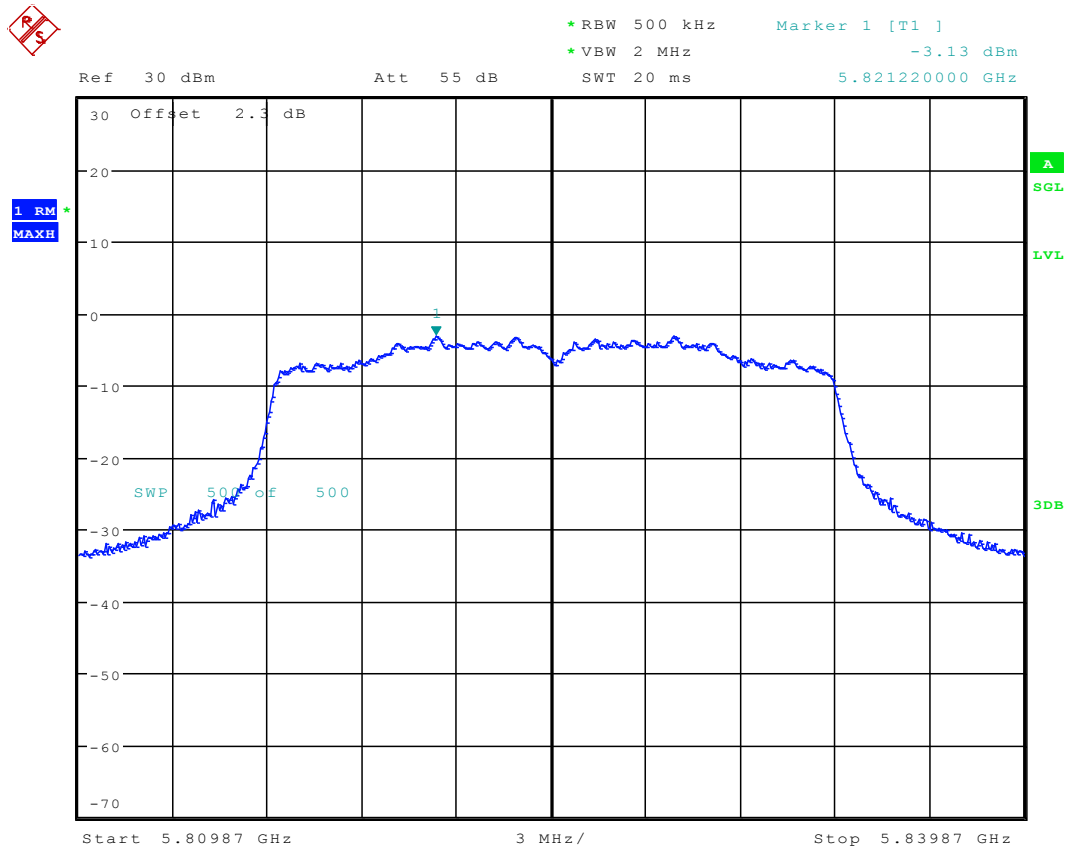
Date: 26.JAN.2018 14:42:06

11.53 11N20MIMO_165 ANT 1



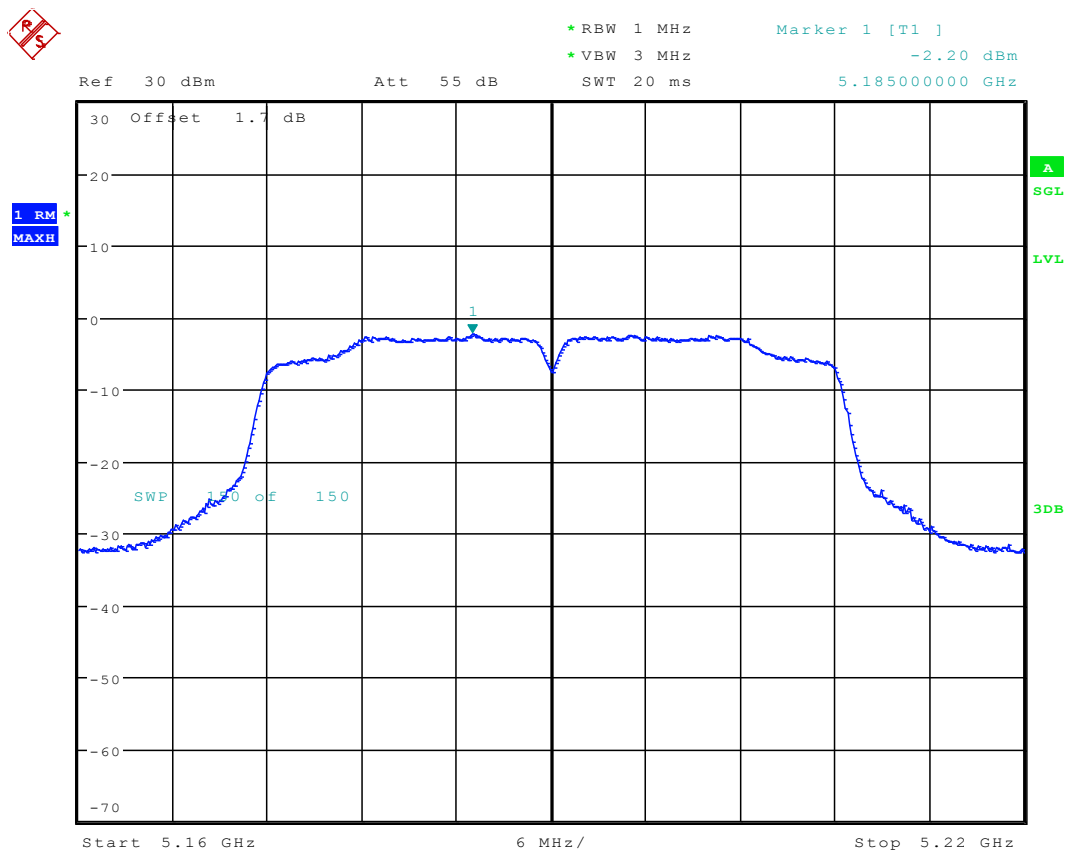
Date: 23.JAN.2018 15:10:33

11.54 11N20MIMO_165 ANT 2



Date: 26.JAN.2018 14:45:00

11.55 11N40_38 ANT 1



Date: 22.JAN.2018 16:05:52

11.56 11N40_38 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.22 dBm

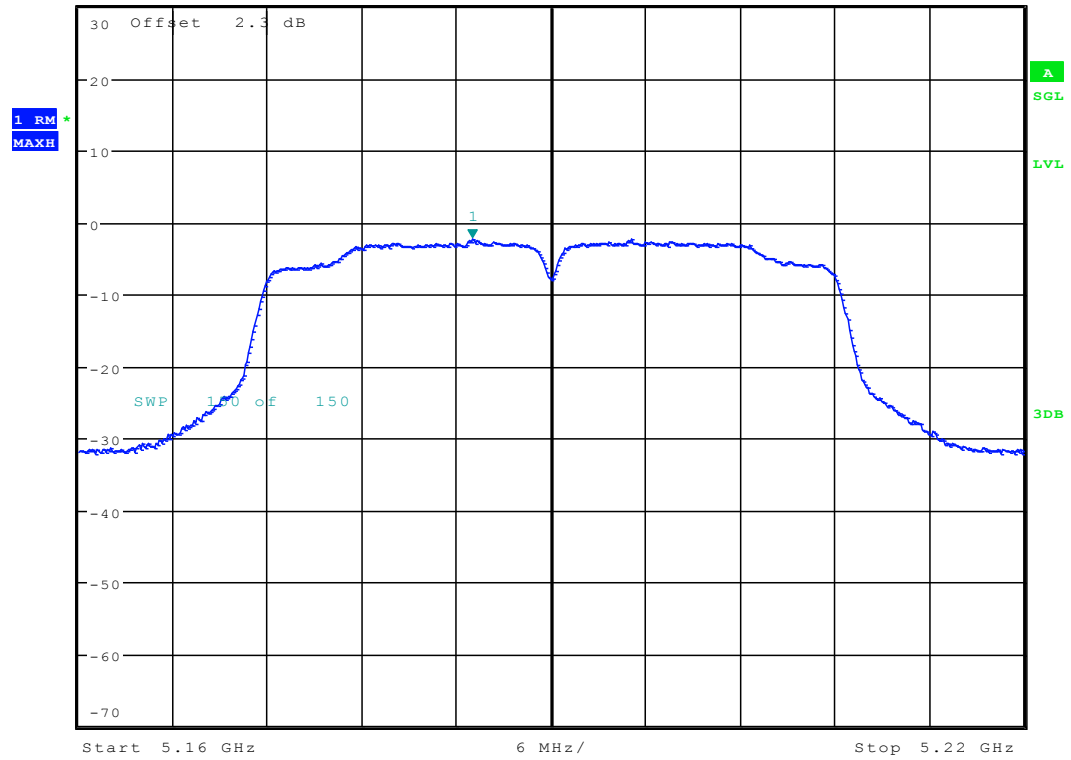
5.185000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.185000000 GHz



Date: 24.JAN.2018 15:09:33

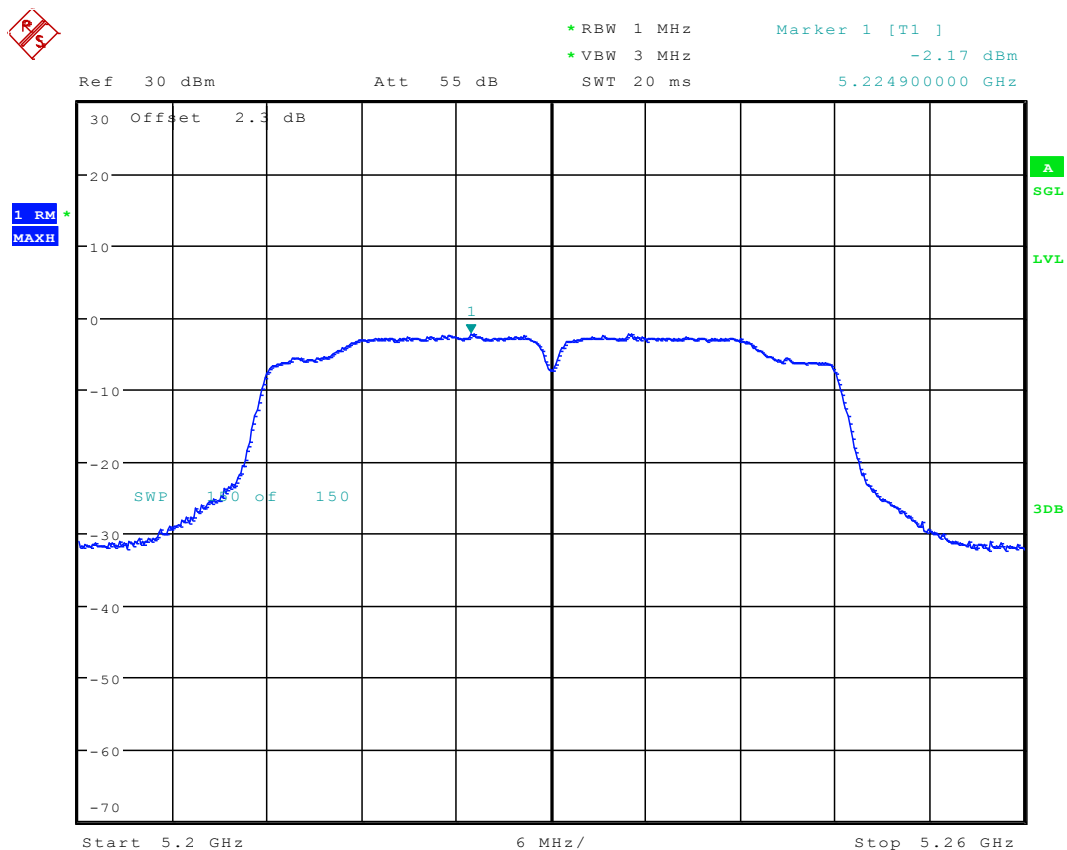


Ref	30 dBm	Att	55 dB	SWT	20 ms	5.225000000 GHz
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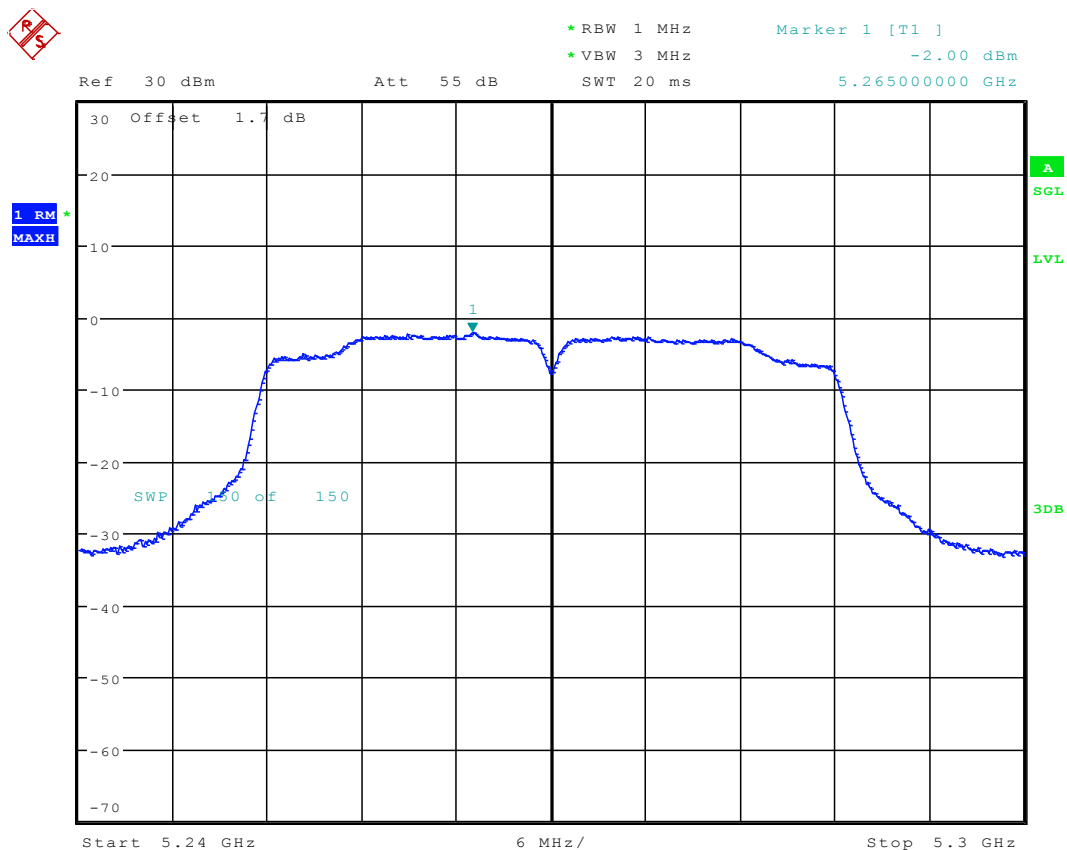
Date: 22.JAN.2018 16:08:43

11.58 11N40_46 ANT 2



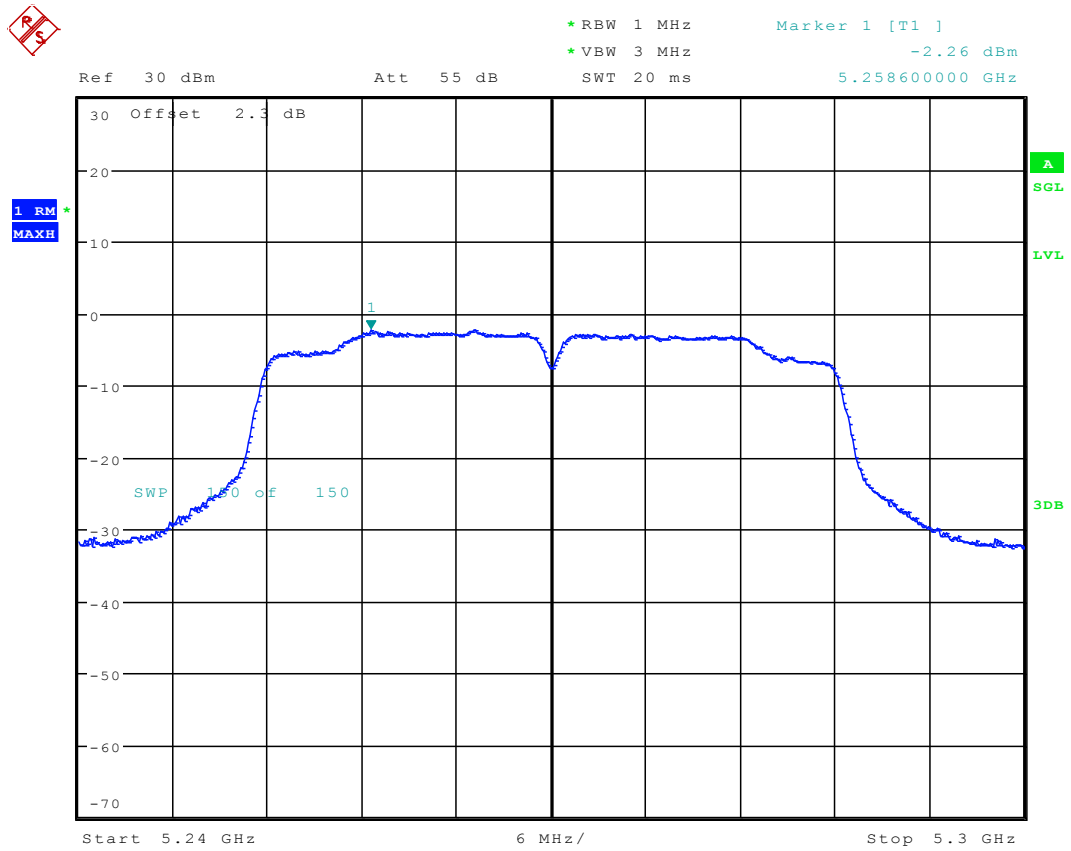
Date: 24.JAN.2018 15:12:21

11.59 11N40_54 ANT 1



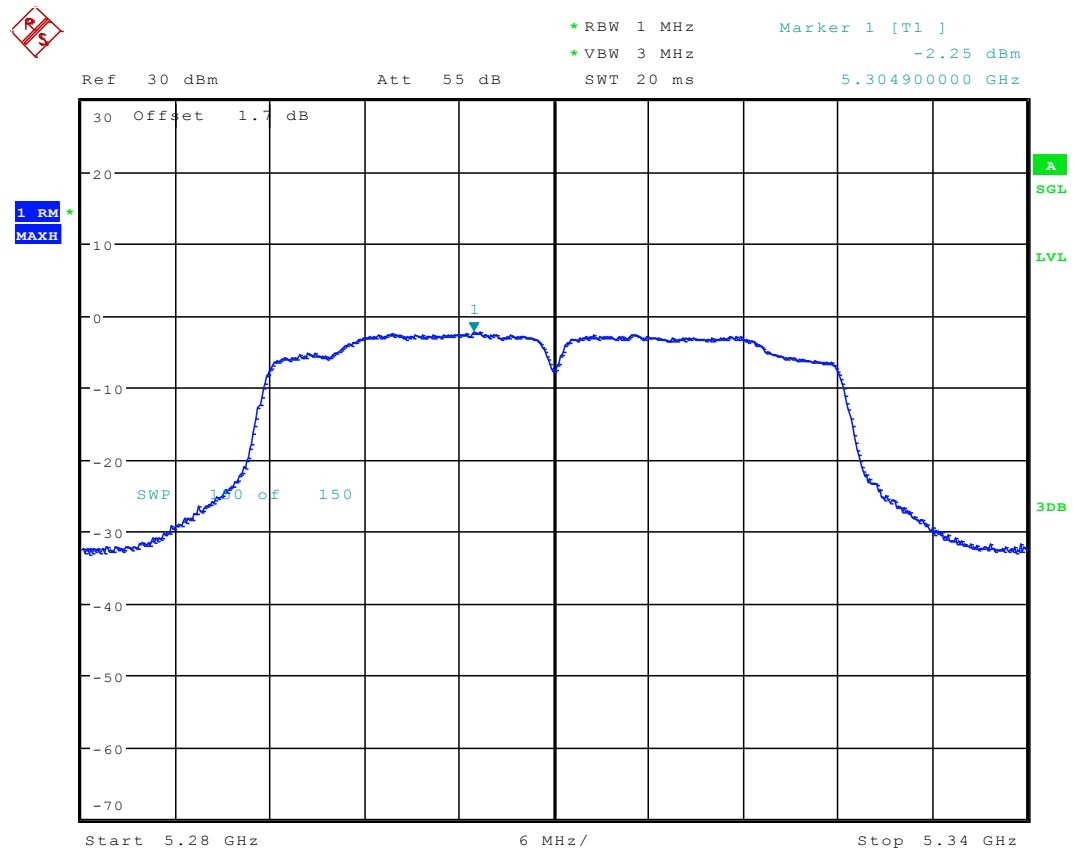
Date: 22.JAN.2018 16:11:32

11.60 11N40_54 ANT 2



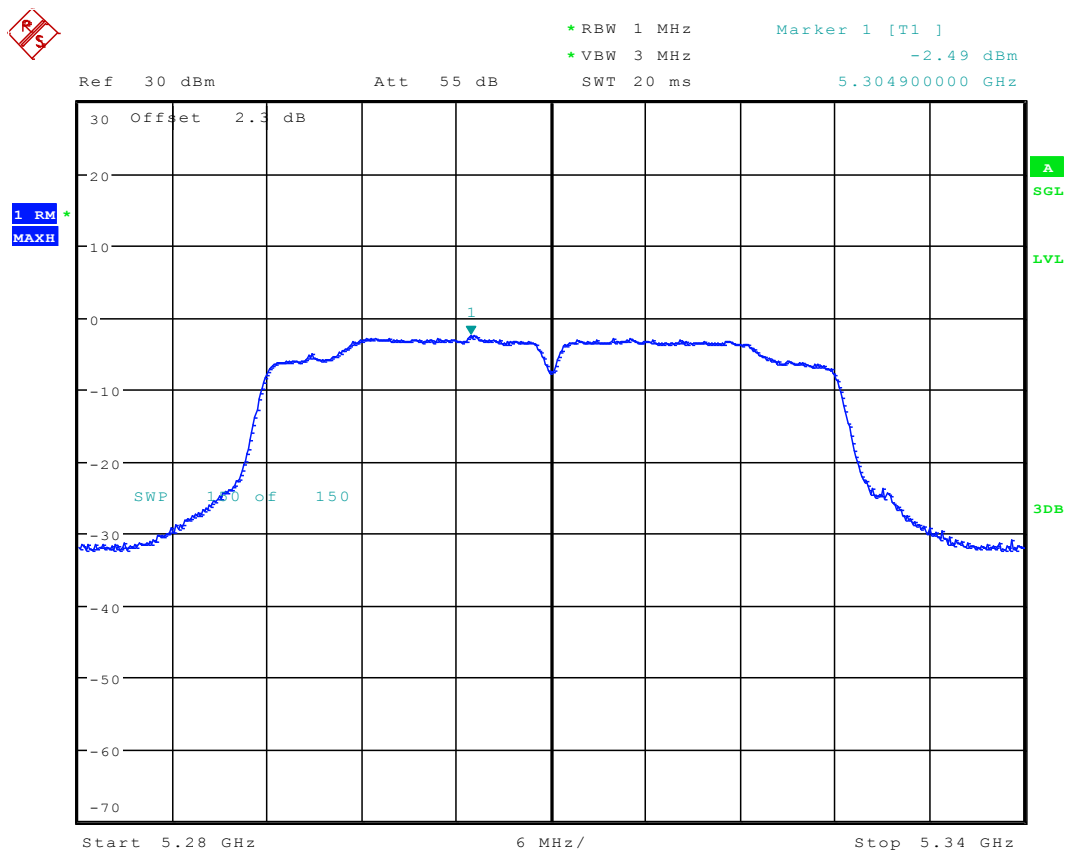
Date: 24.JAN.2018 15:15:03

11.61 11N40_62 ANT 1



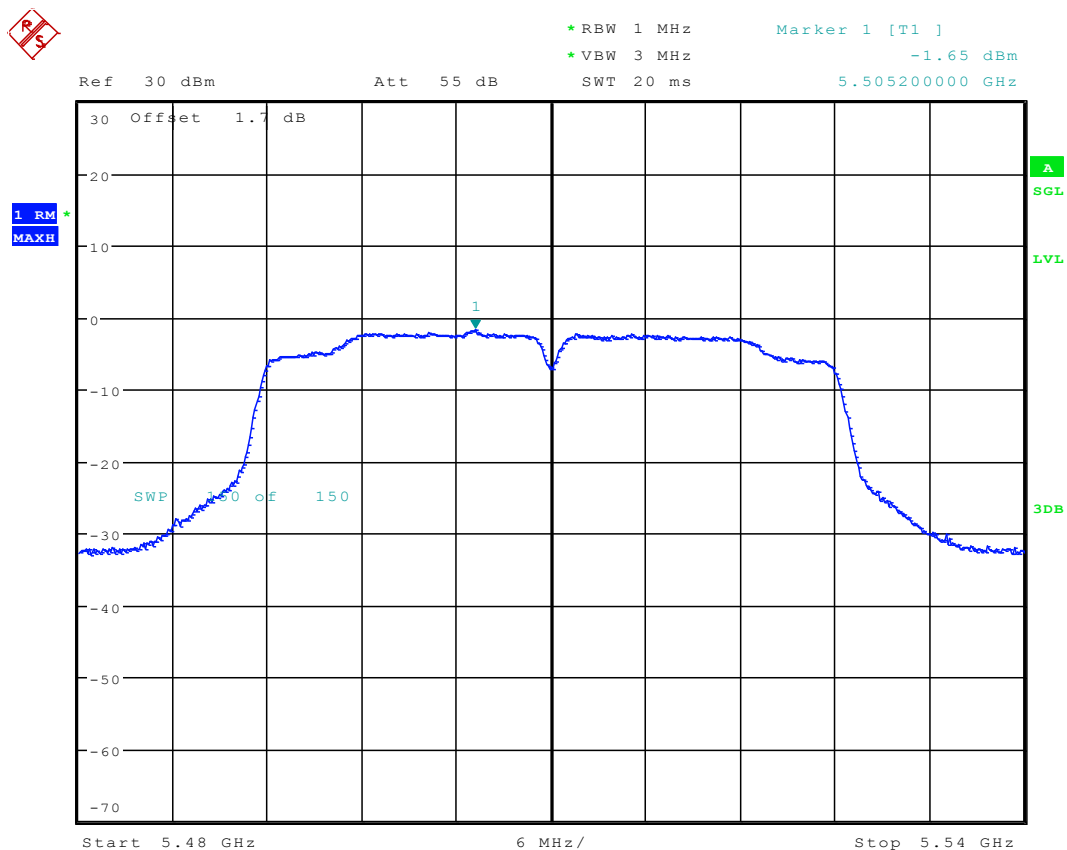
Date: 22.JAN.2018 16:14:22

11.62 11N40_62 ANT 2



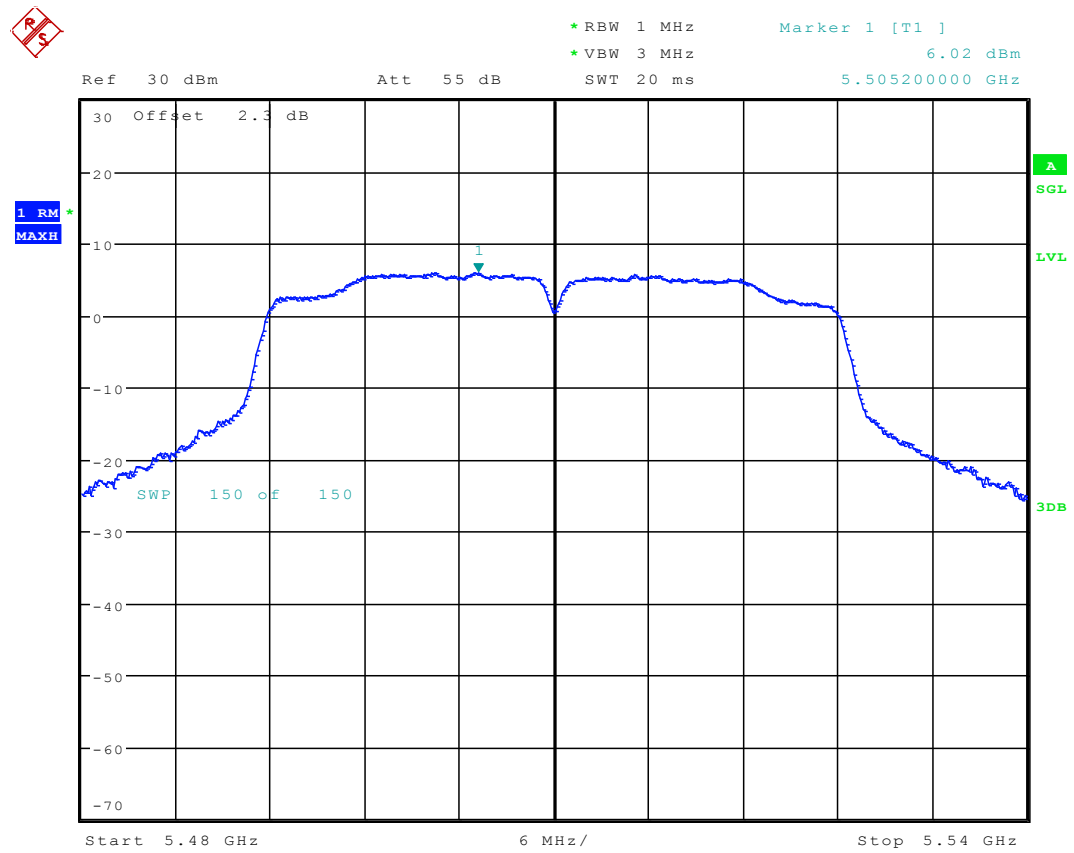
Date: 24.JAN.2018 15:17:35

11.63 11N40_102 ANT 1



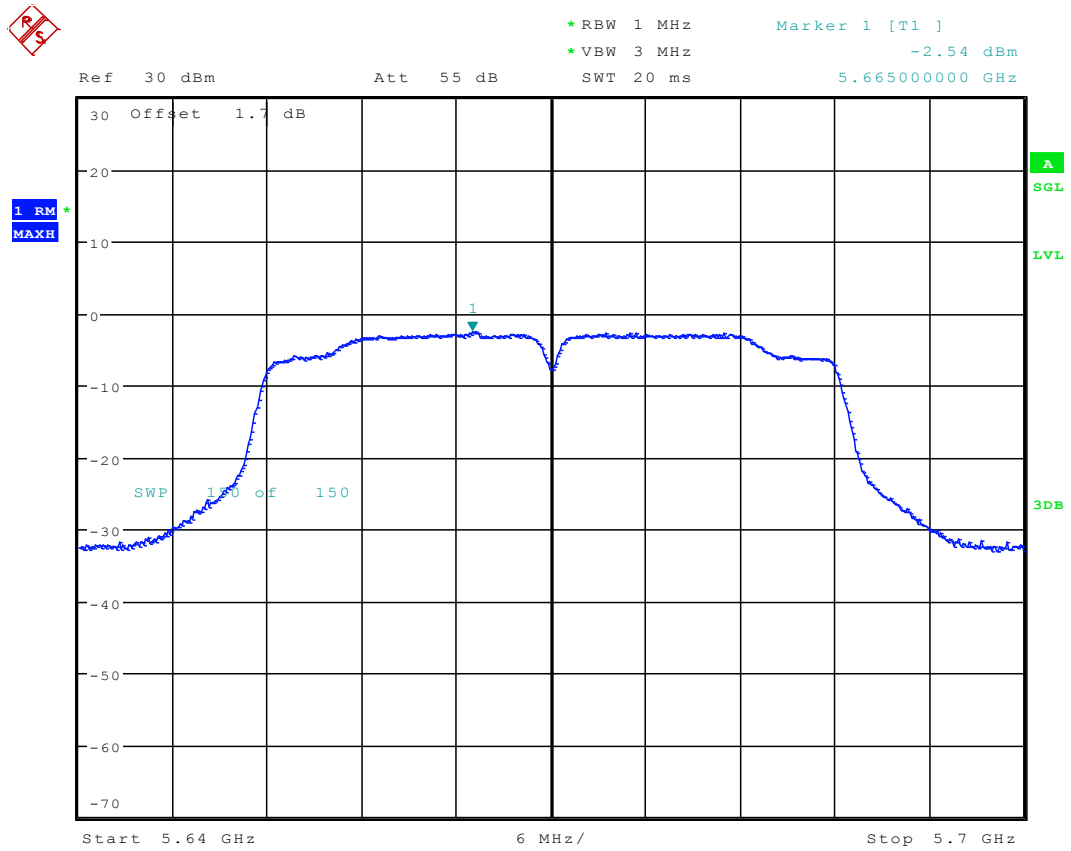
Date: 22.JAN.2018 16:16:56

11.64 11N40_102 ANT 2



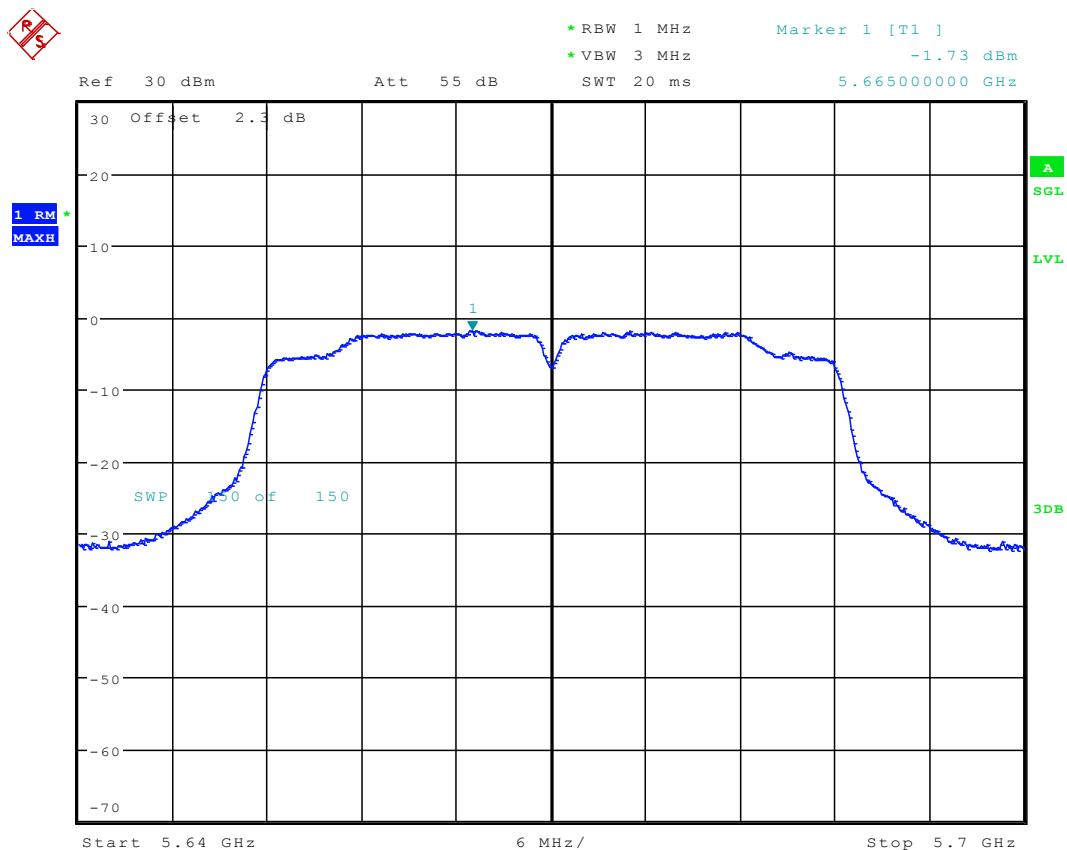
Date: 24.JAN.2018 15:20:12

11.65 11N40_134 ANT 1



Date: 22.JAN.2018 16:19:36

11.66 11N40_134 ANT 2

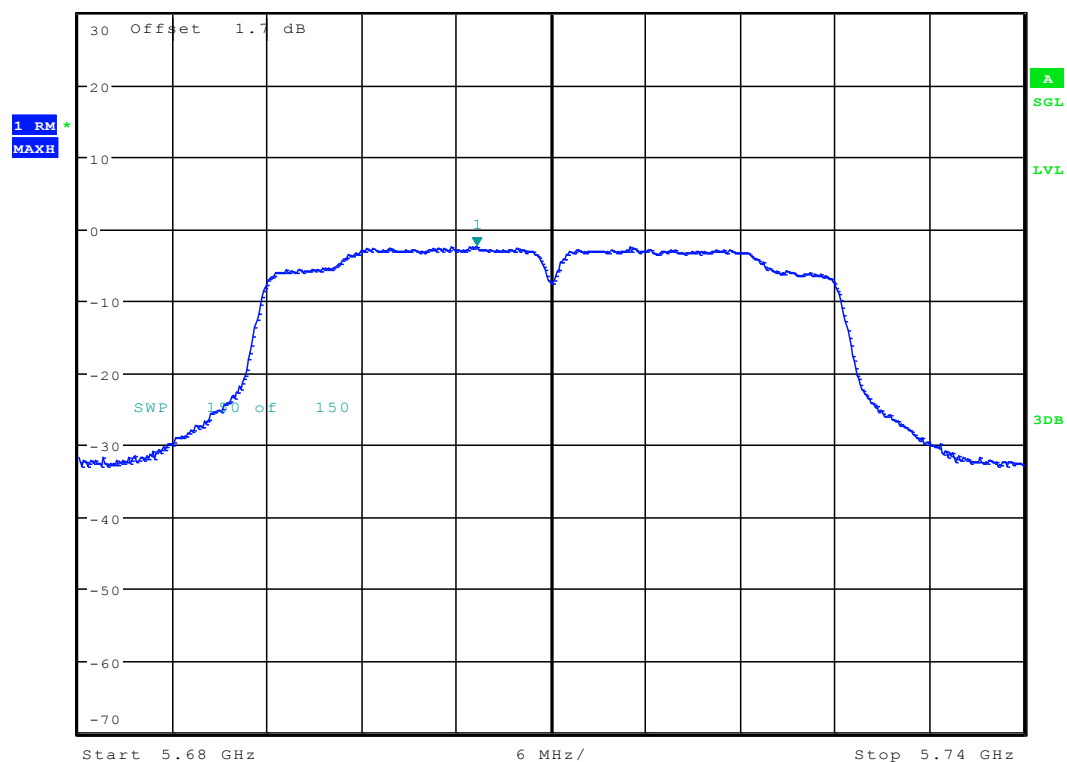


Date: 24.JAN.2018 15:33:18

11.67 11N40_142 ANT 1



*RBW 1 MHz
*VBW 3 MHz
Marker 1 [T1]
-2.39 dBm
Ref 30 dBm
Att 55 dB
SWT 20 ms
5.705300000 GHz



Date: 22.JAN.2018 16:27:30

11.68 11N40_142 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-1.90 dBm

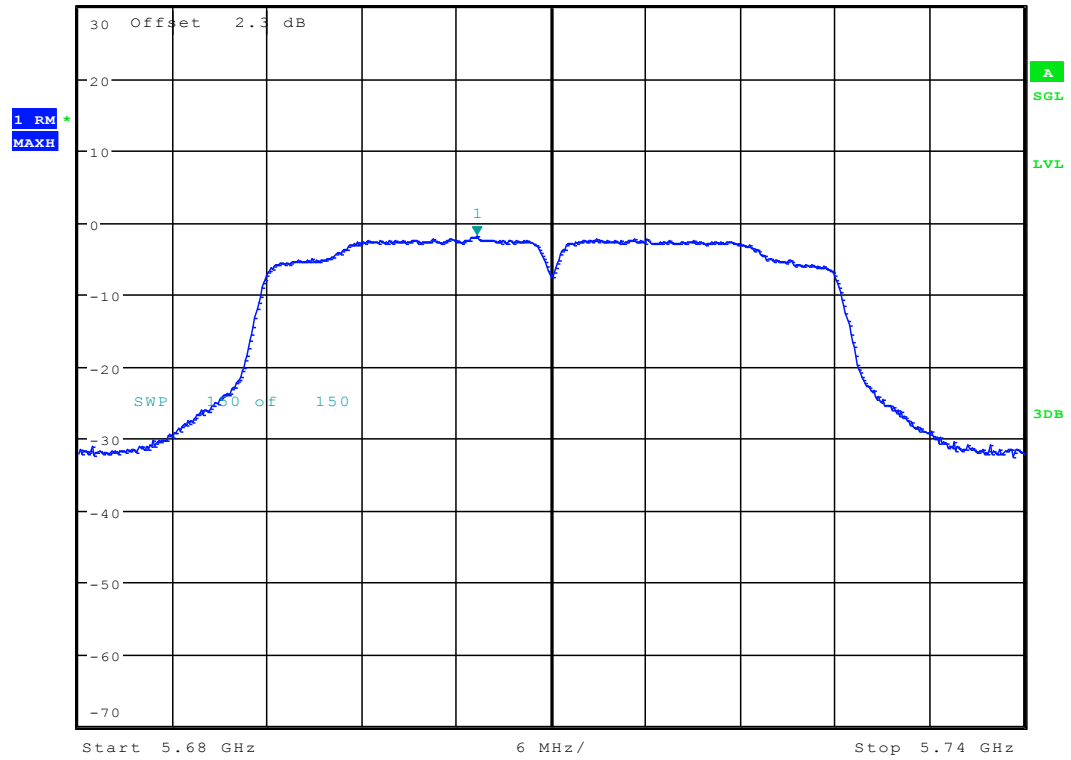
5.705300000 GHz

Ref 30 dBm

Att 55 dB

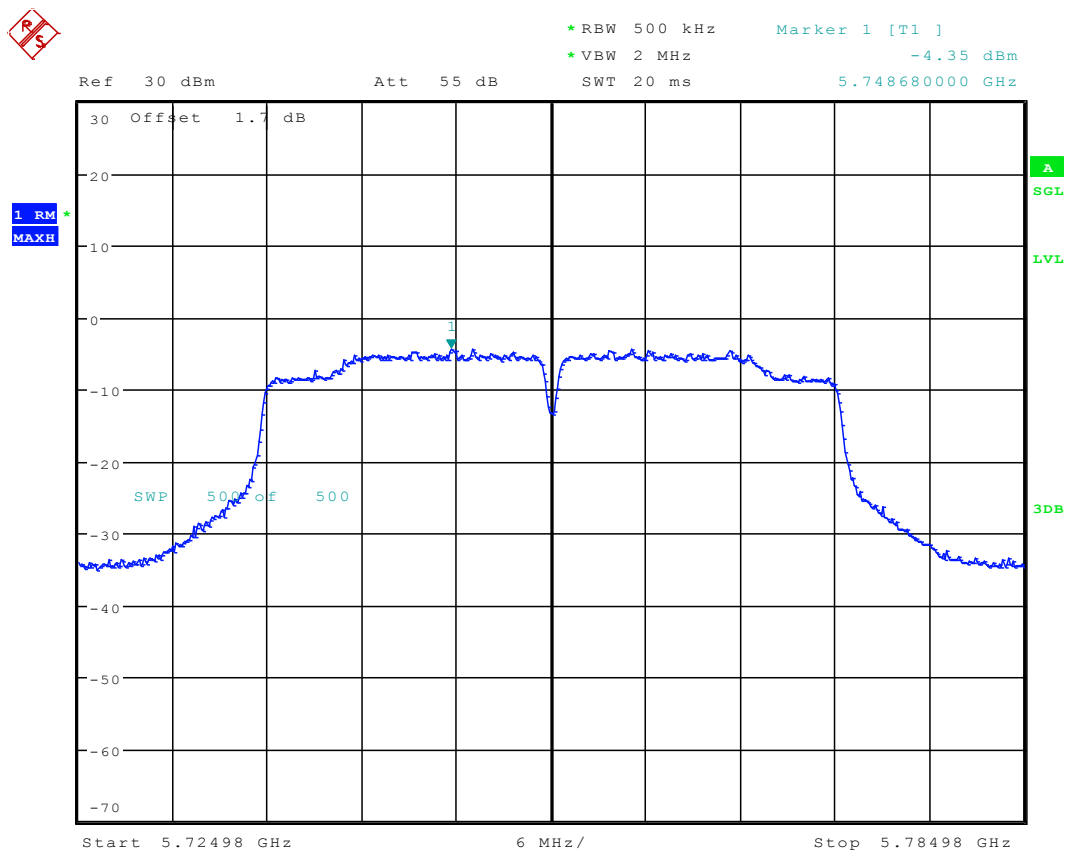
SWT 20 ms

5.705300000 GHz



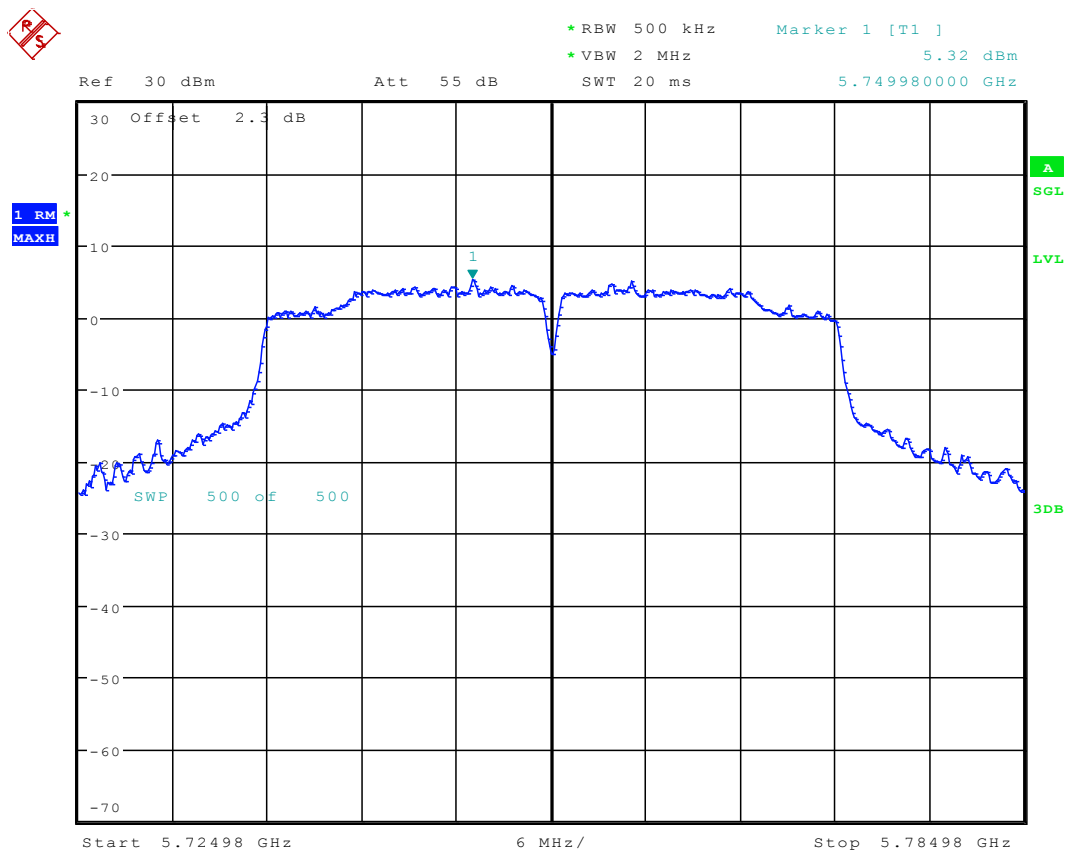
Date: 24.JAN.2018 15:35:44

11.69 11N40_151 ANT 1



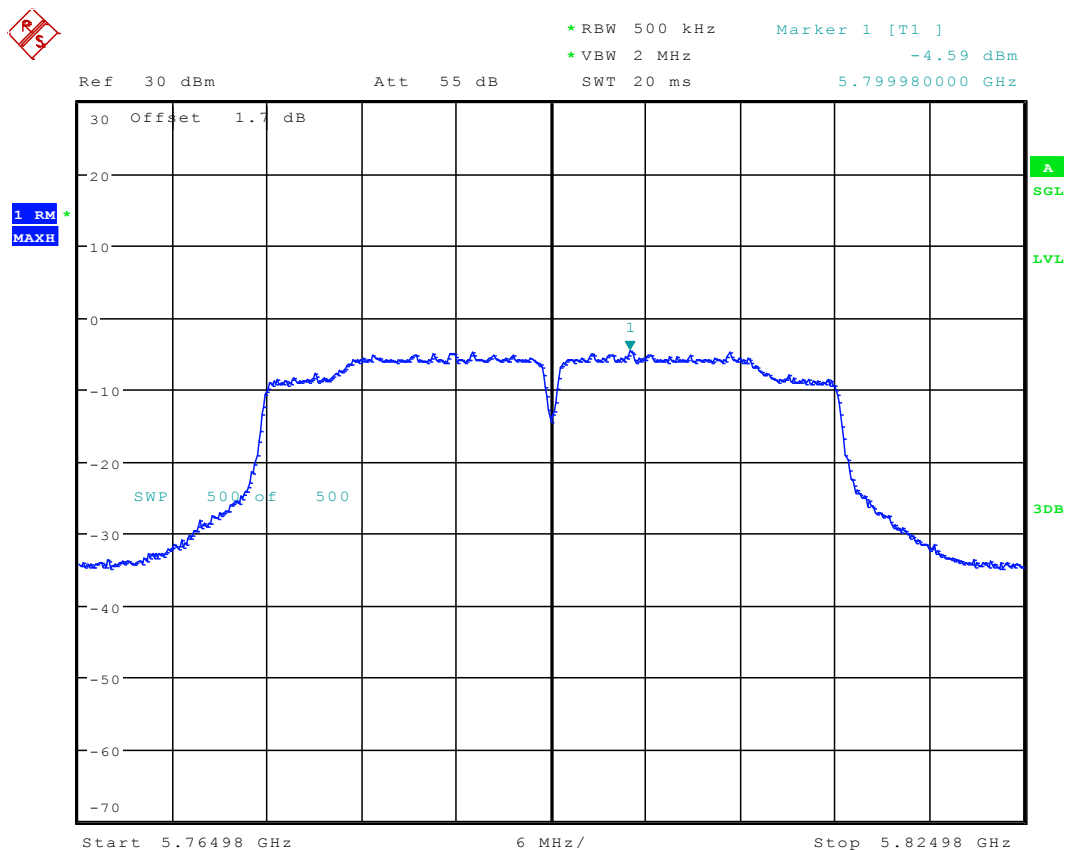
Date: 22.JAN.2018 16:31:37

11.70 11N40_151 ANT 2



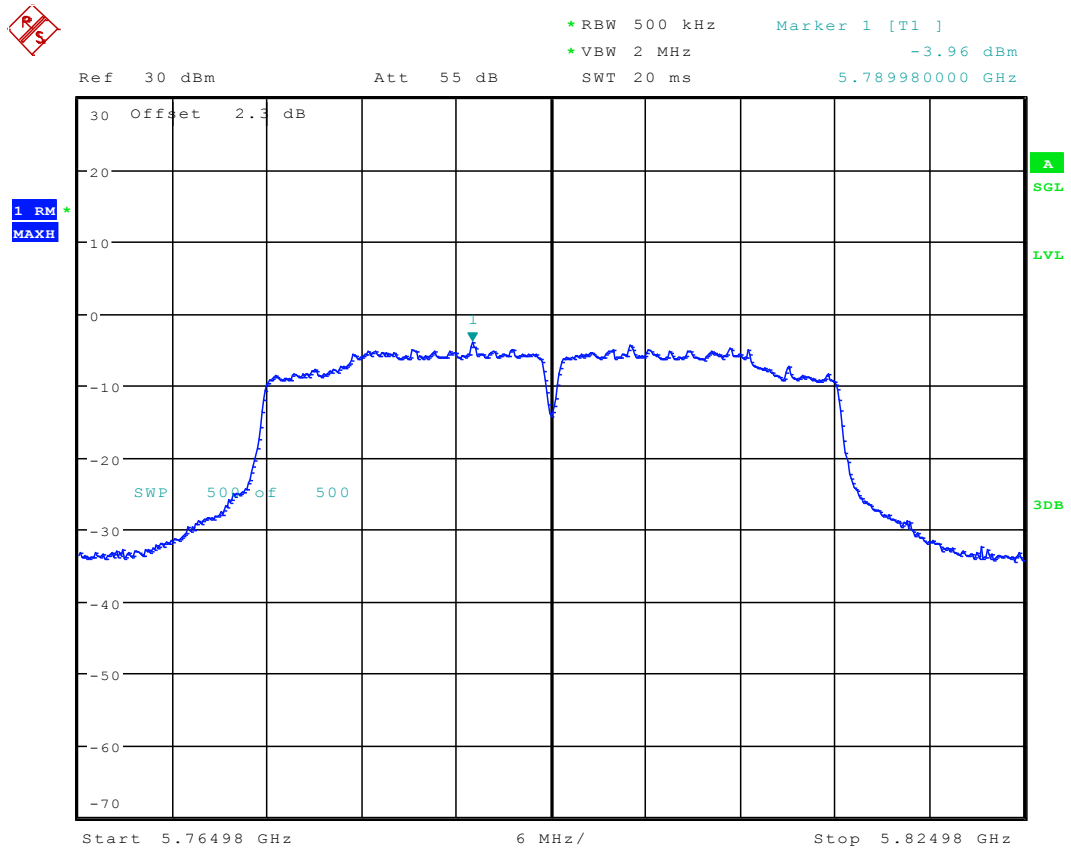
Date: 24.JAN.2018 15:39:07

11.71 11N40_159 ANT 1



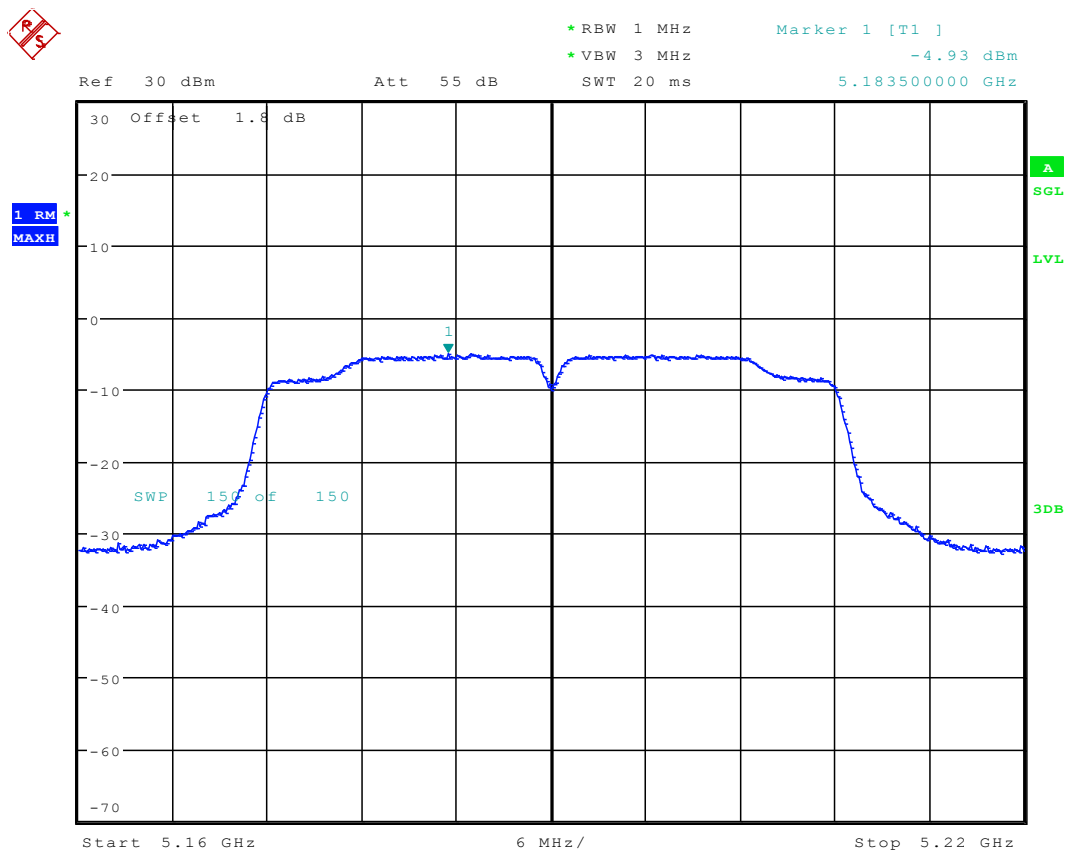
Date: 22.JAN.2018 16:40:55

11.72 11N40_159 ANT 2



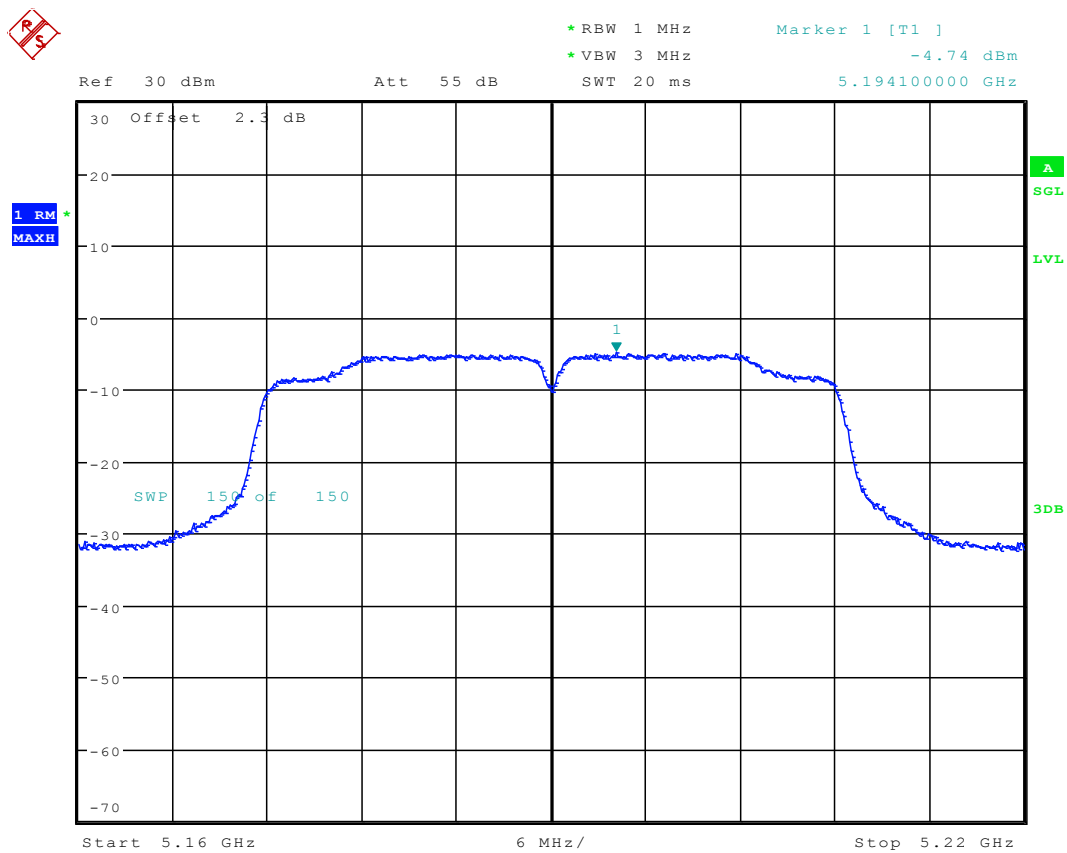
Date: 24.JAN.2018 15:42:07

11.73 11N40MIMO_38 ANT 1



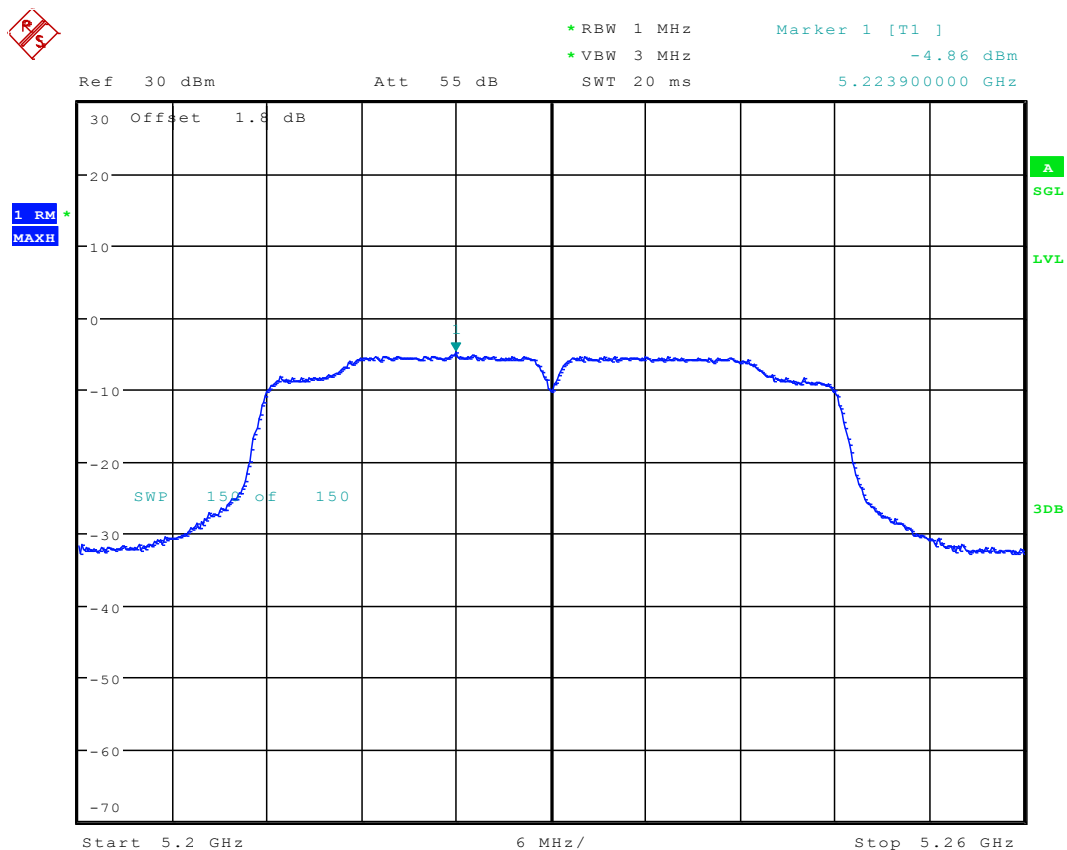
Date: 23.JAN.2018 15:13:53

11.74 11N40MIMO_38 ANT 2



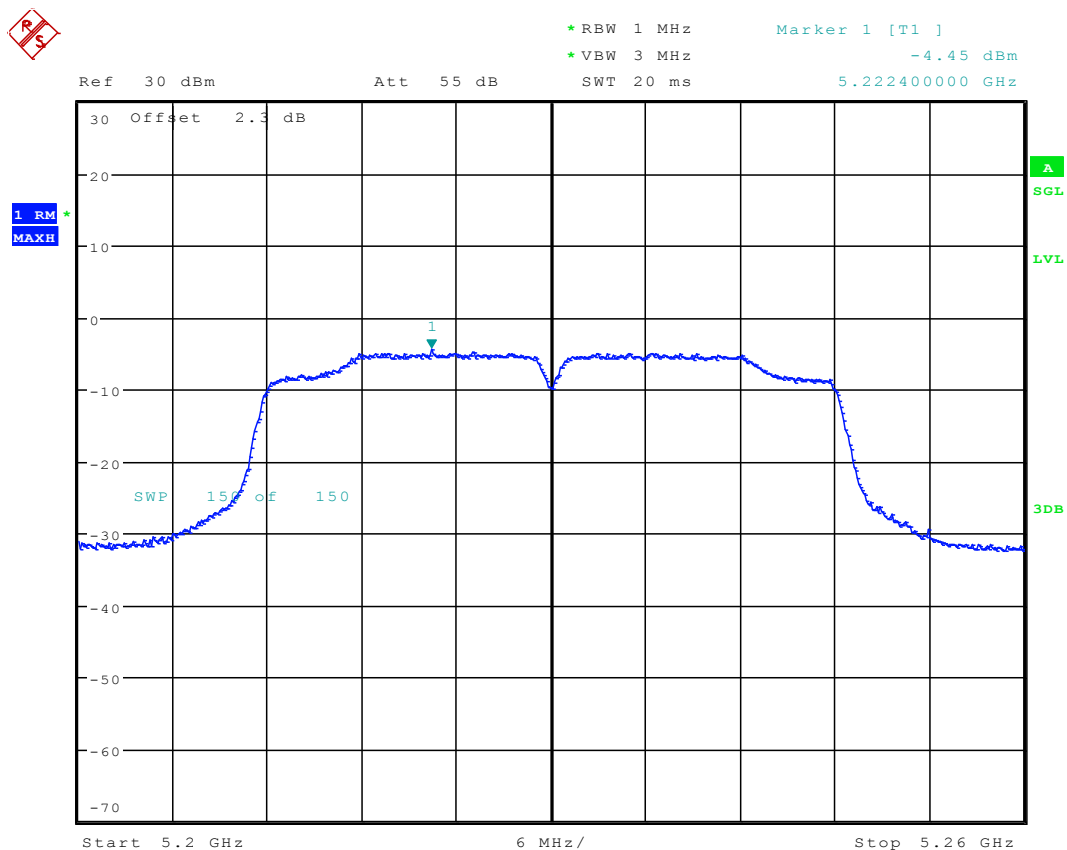
Date: 26.JAN.2018 15:29:07

11.75 11N40MIMO_46 ANT 1



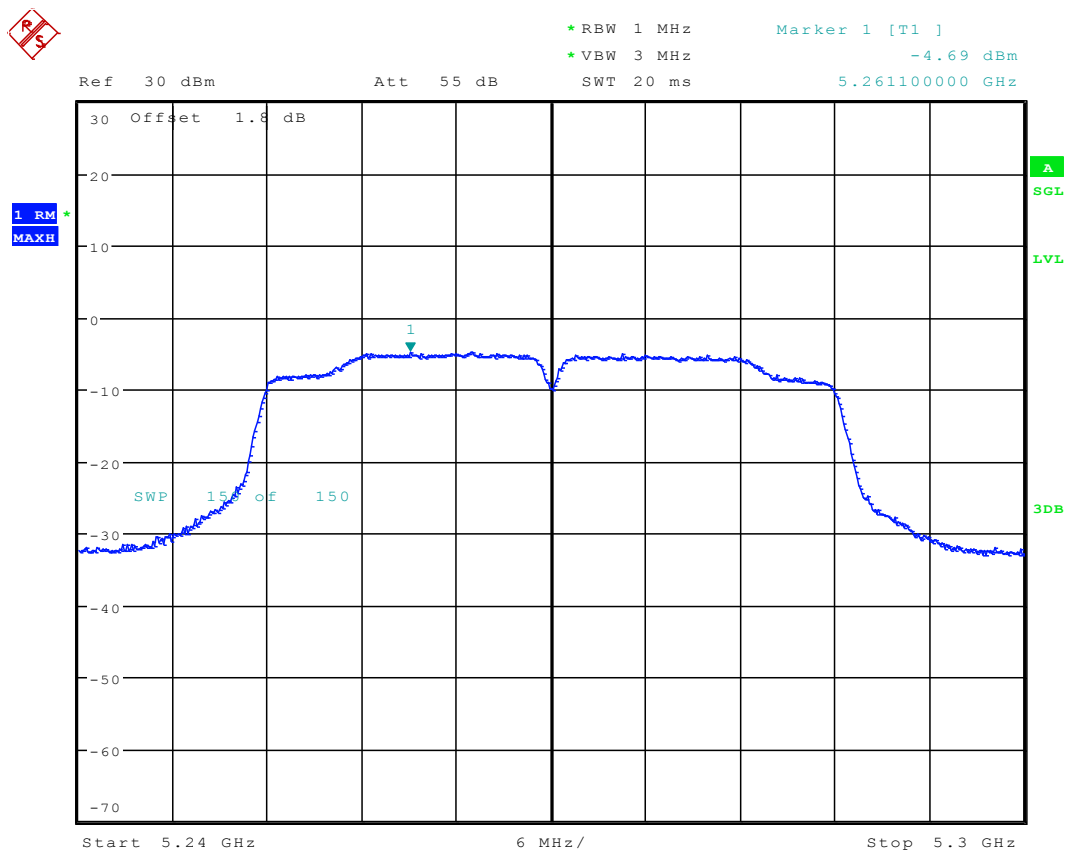
Date: 23.JAN.2018 15:17:01

11.76 11N40MIMO_46 ANT 2



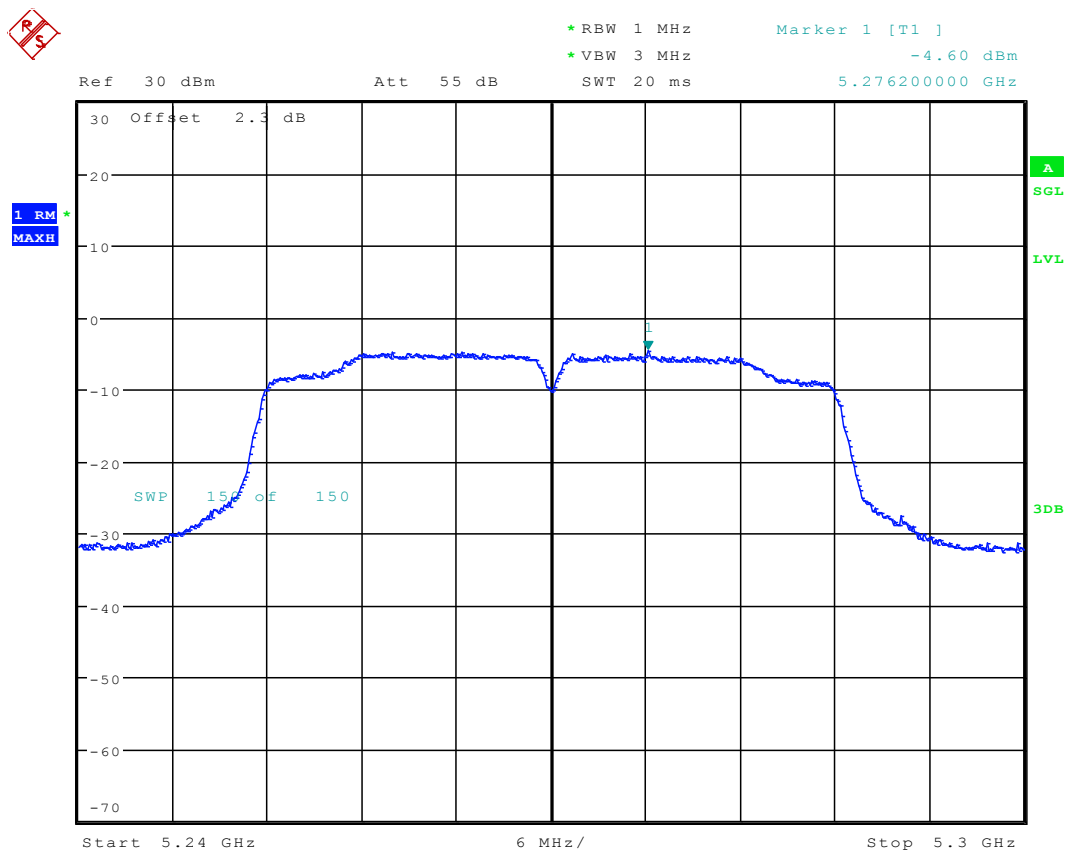
Date: 26.JAN.2018 15:32:09

11.77 11N40MIMO_54 ANT 1



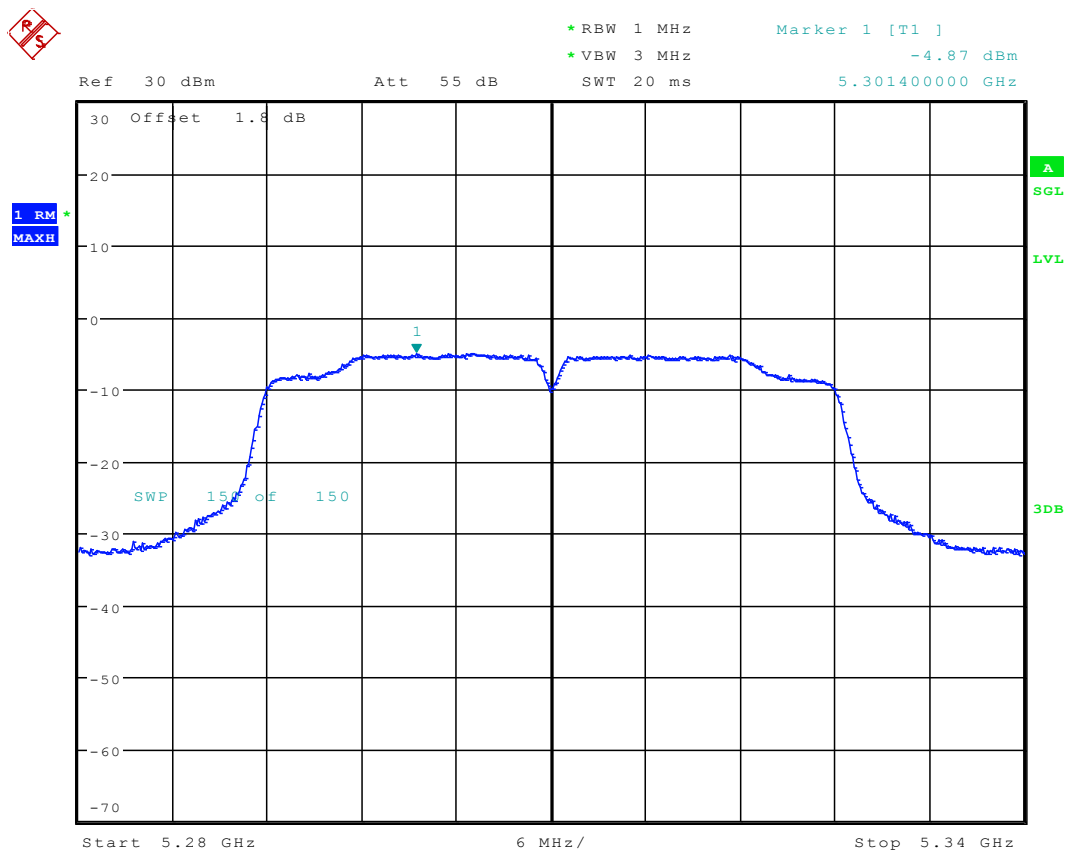
Date: 23.JAN.2018 15:20:10

11.78 11N40MIMO_54 ANT 2



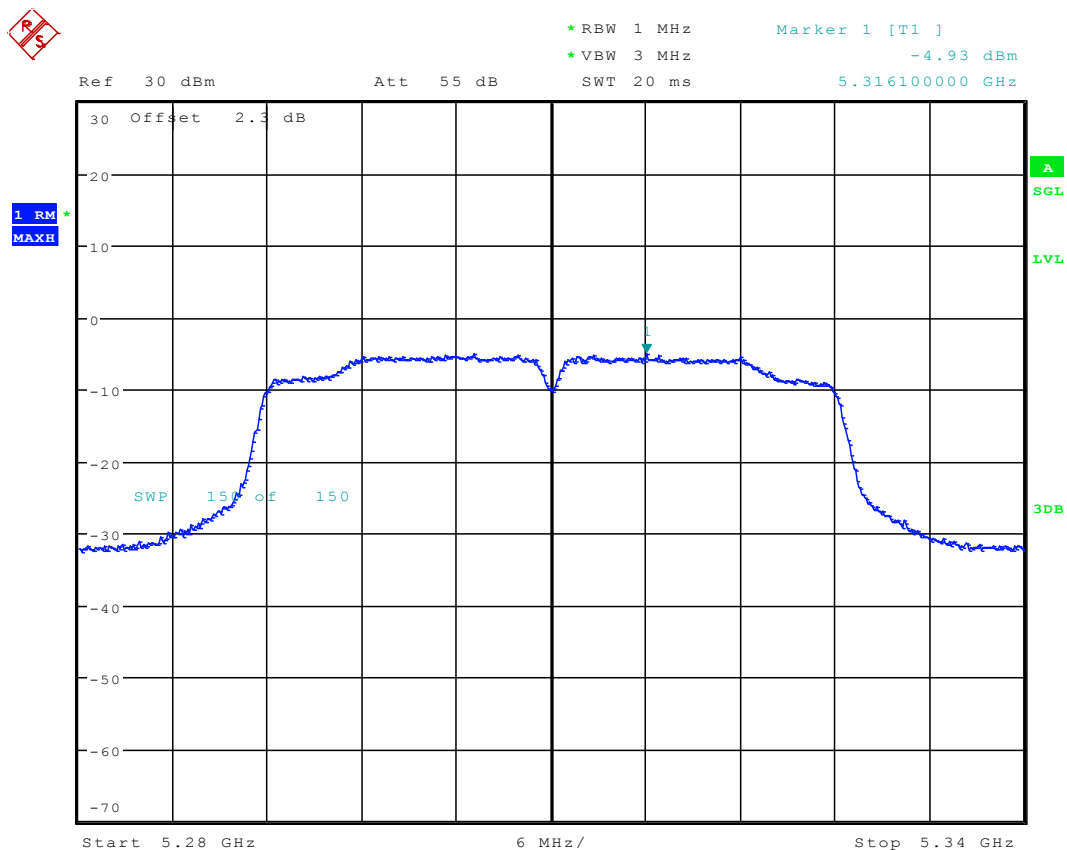
Date: 26.JAN.2018 15:34:53

11.79 11N40MIMO_62 ANT 1



Date: 23.JAN.2018 15:22:34

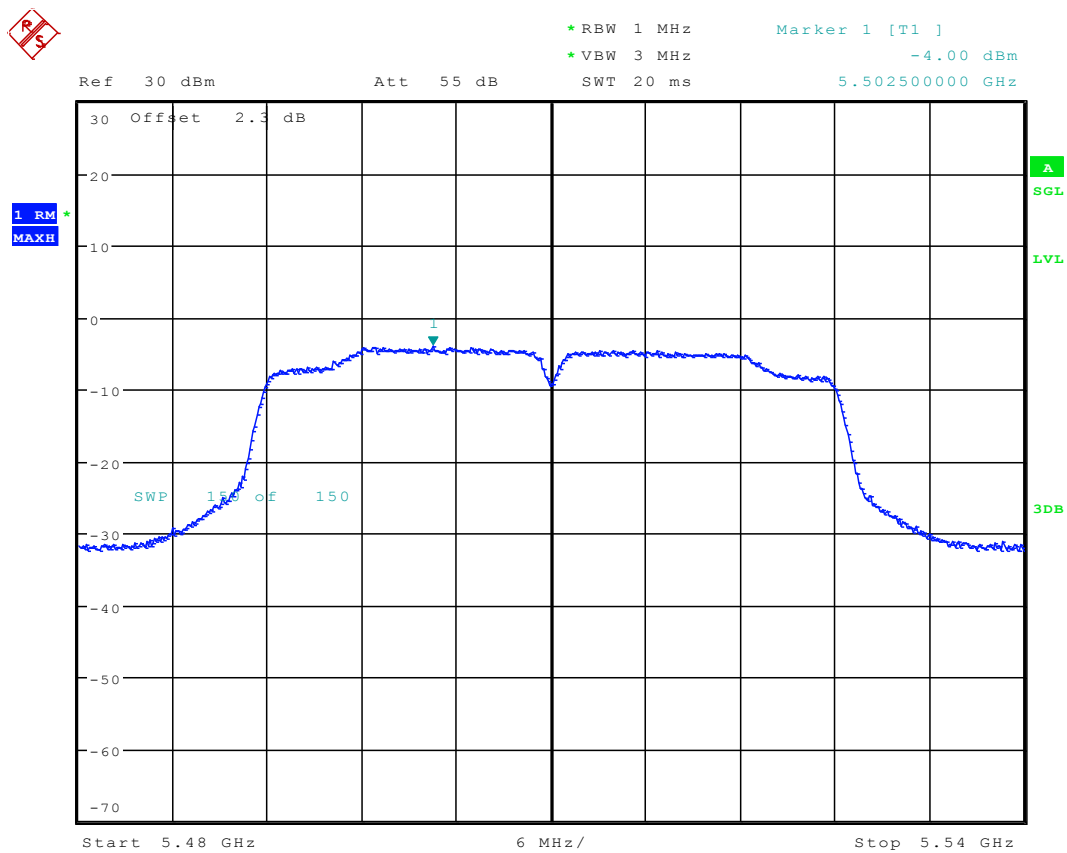
11.80 11N40MIMO_62 ANT 2



Date: 26.JAN.2018 15:37:36

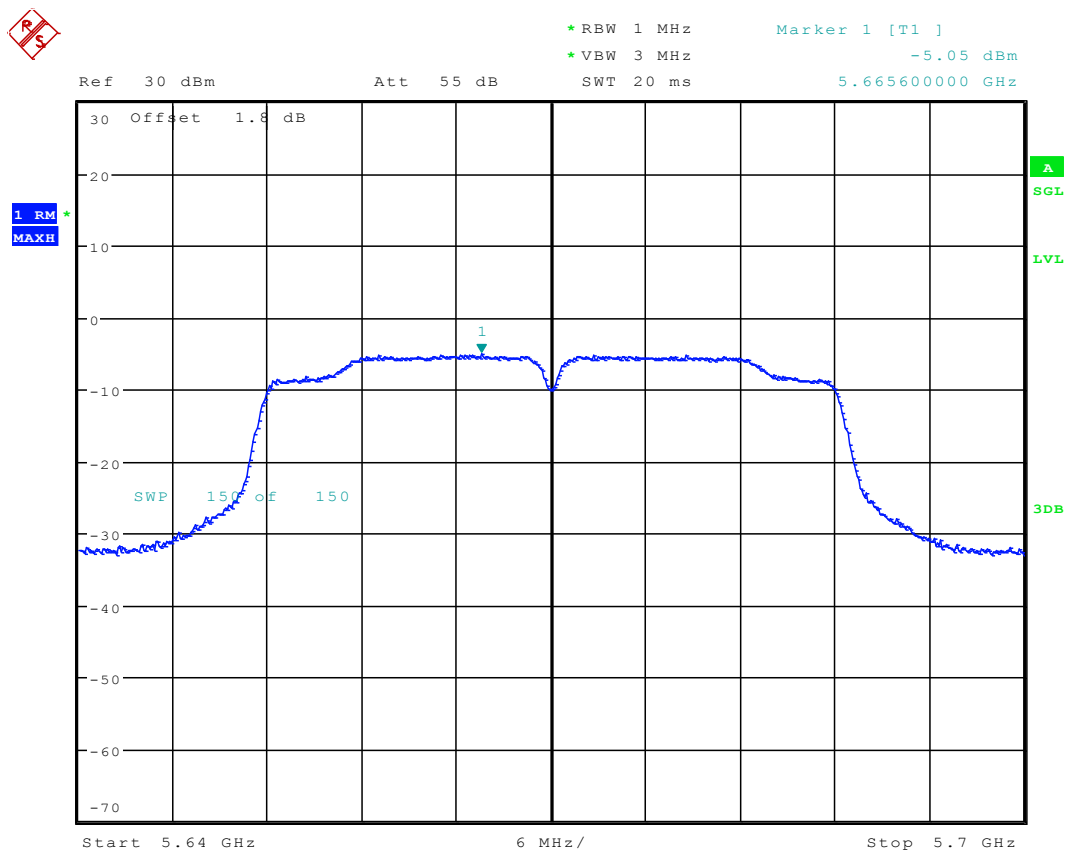


11.82 11N40MIMO_102 ANT 2



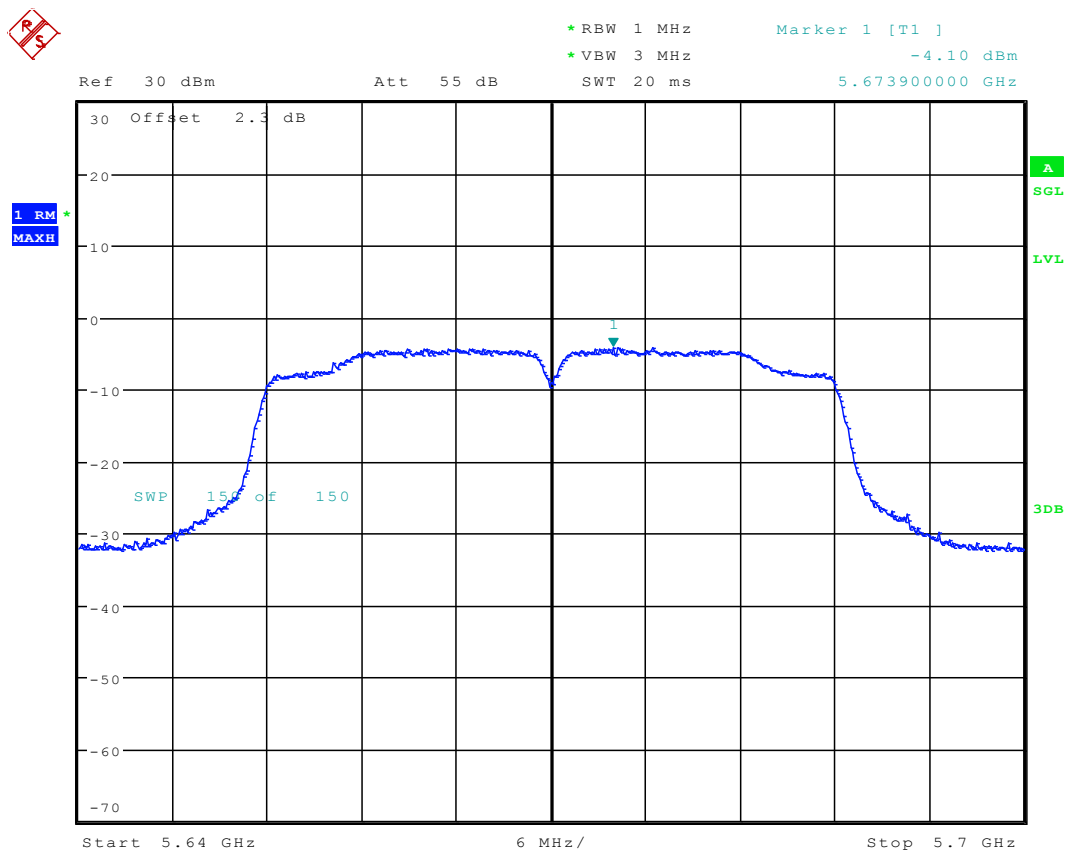
Date: 26.JAN.2018 15:40:14

11.83 11N40MIMO_134 ANT 1



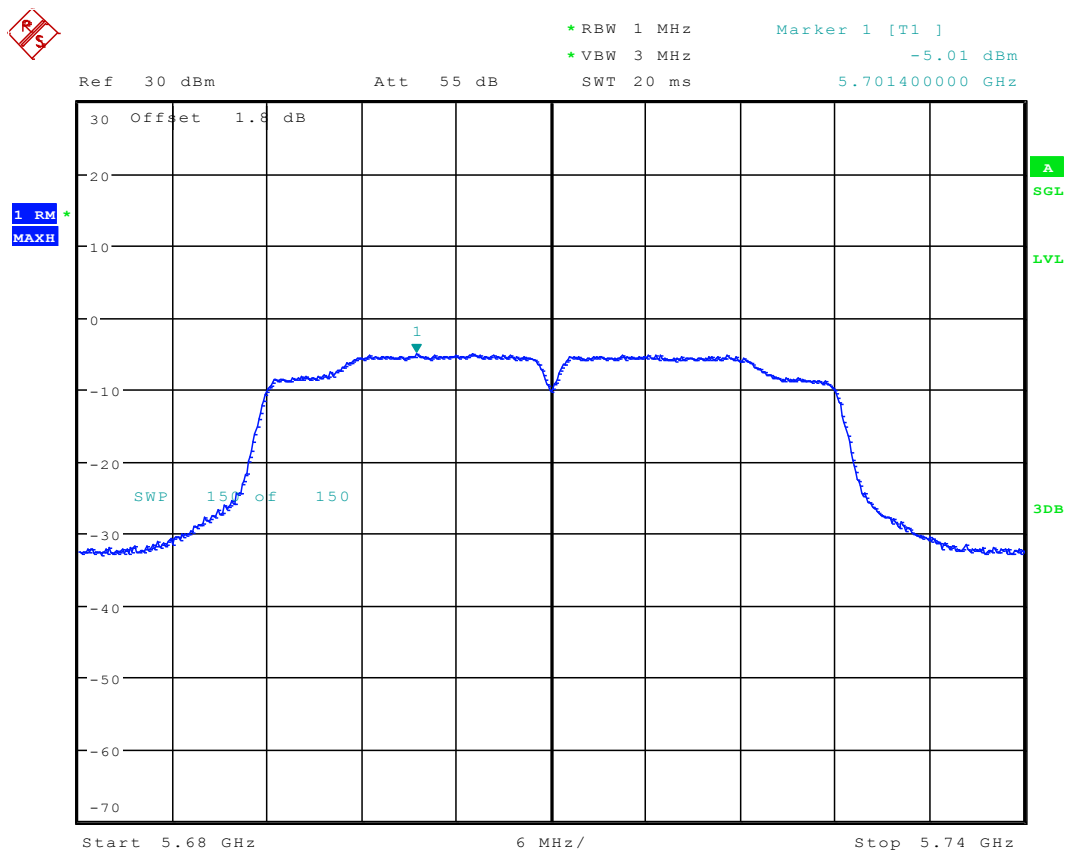
Date: 23.JAN.2018 15:28:17

11.84 11N40MIMO_134 ANT 2



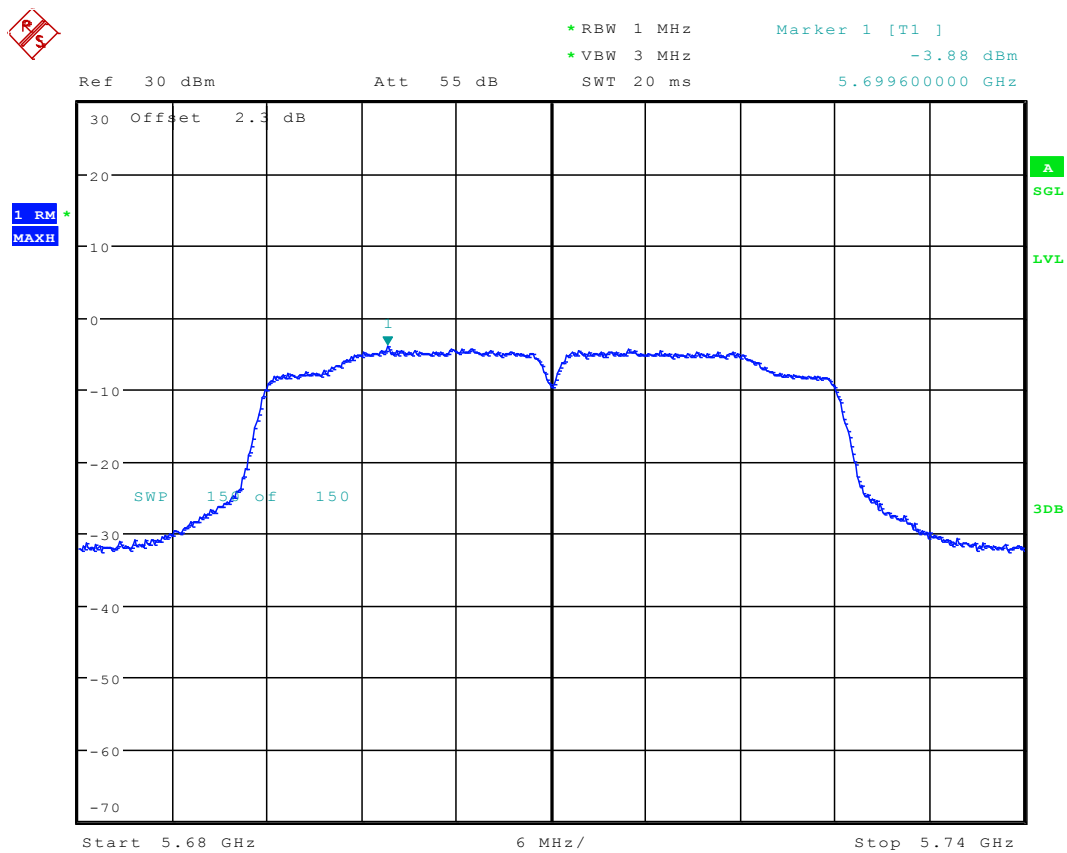
Date: 26.JAN.2018 15:42:38

11.85 11N40MIMO_142 ANT 1



Date: 23.JAN.2018 15:31:00

11.86 11N40MIMO_142 ANT 2



Date: 26.JAN.2018 15:45:06



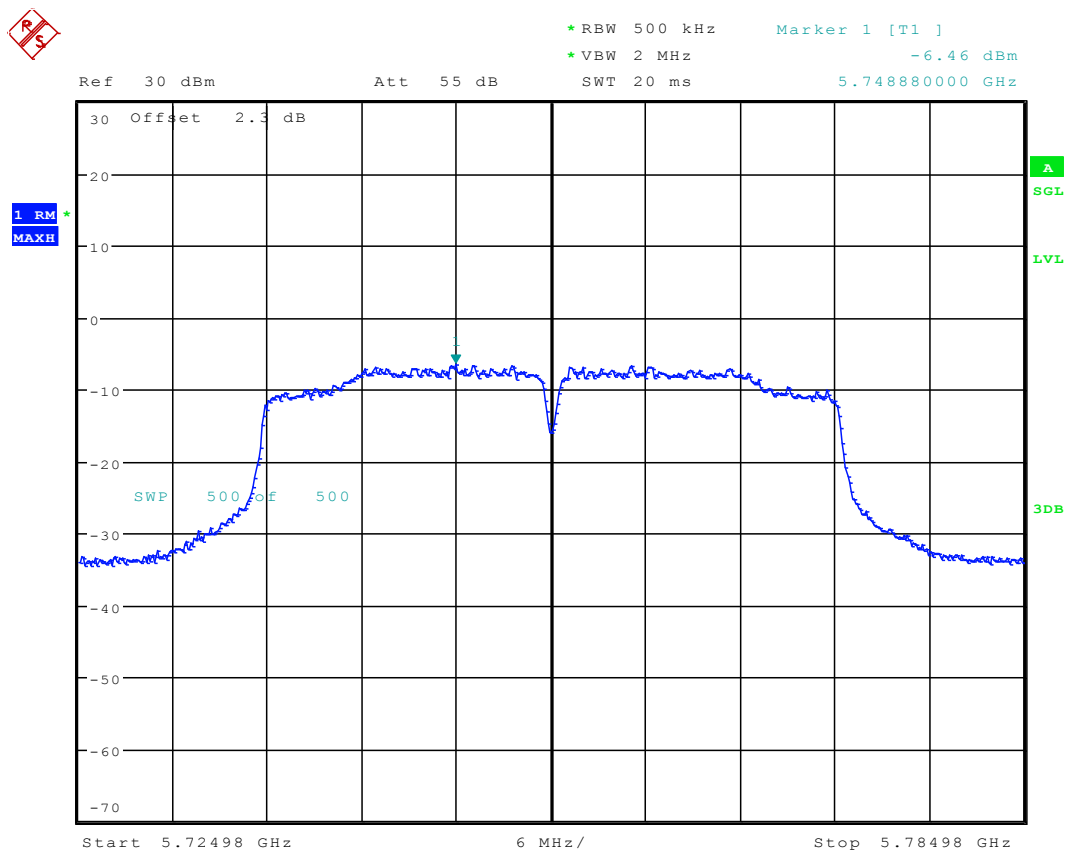
A
SGL

SGL

LVL

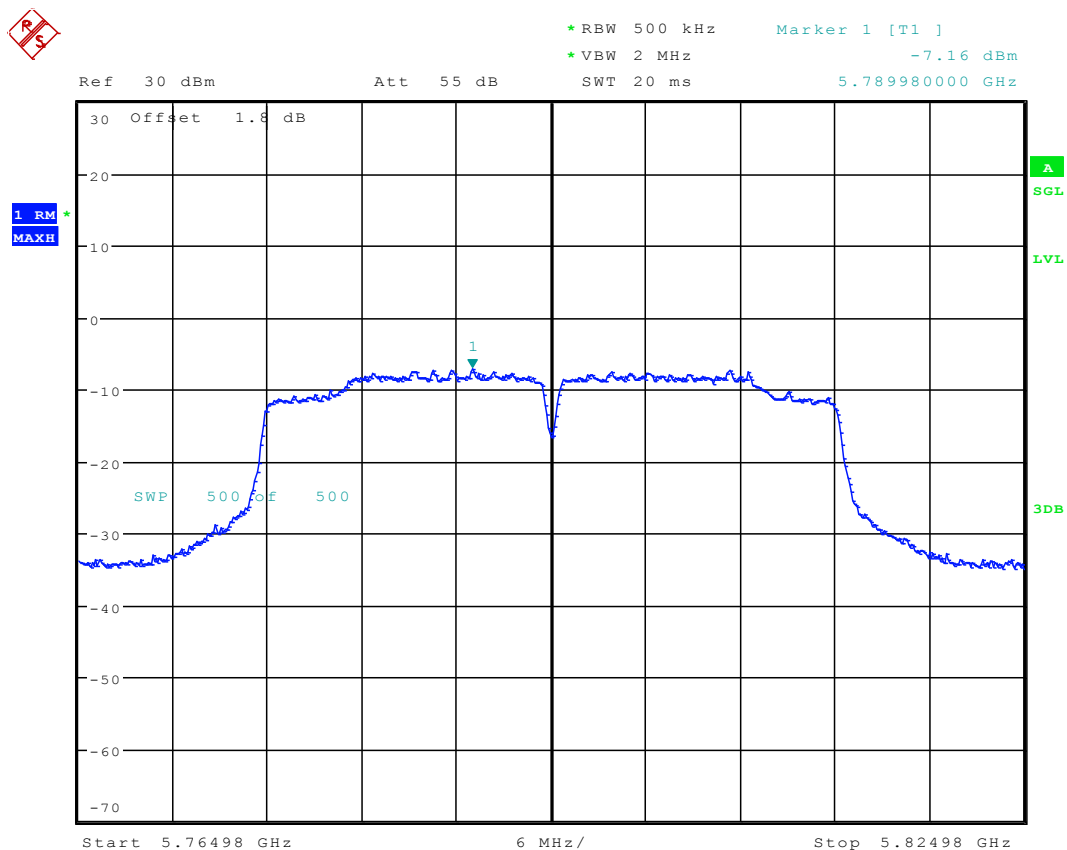
3DB

11.88 11N40MIMO_151 ANT 2



Date: 26.JAN.2018 15:48:59

11.89 11N40MIMO_159 ANT 1

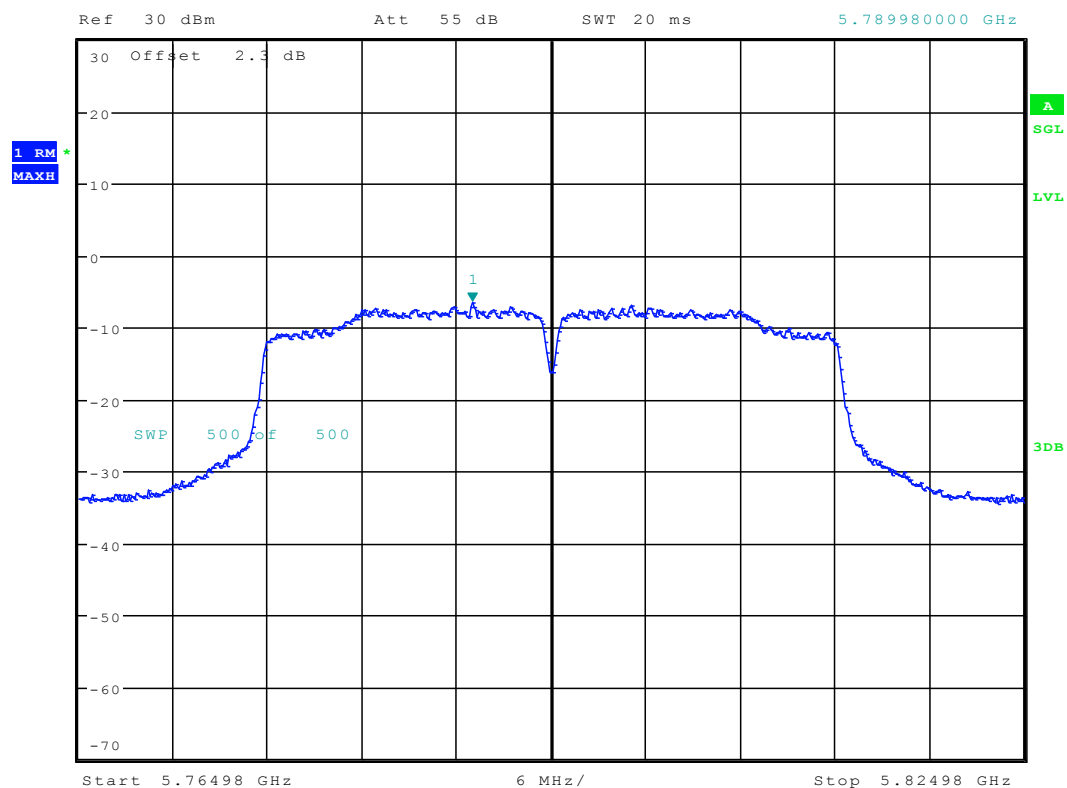


Date: 23.JAN.2018 15:37:33

11.90 11N40MIMO_159 ANT 2

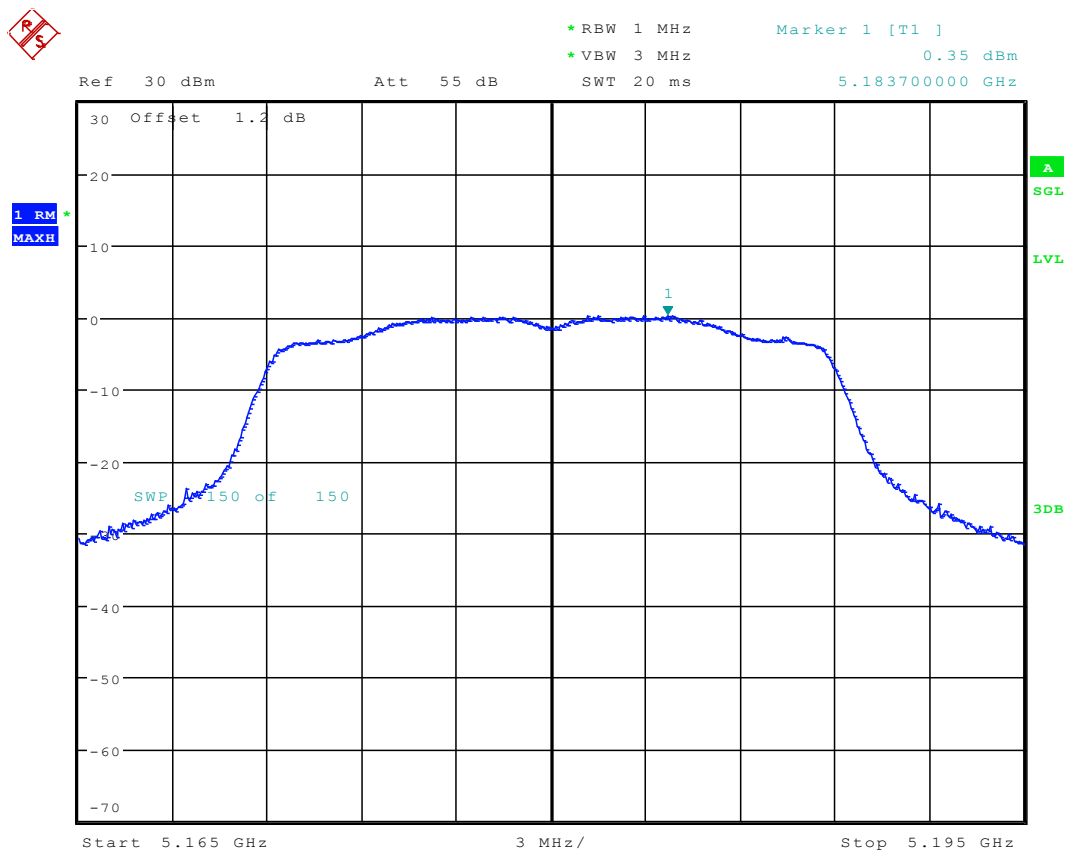


*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -6.48 dBm
 SWT 20 ms 5.789980000 GHz



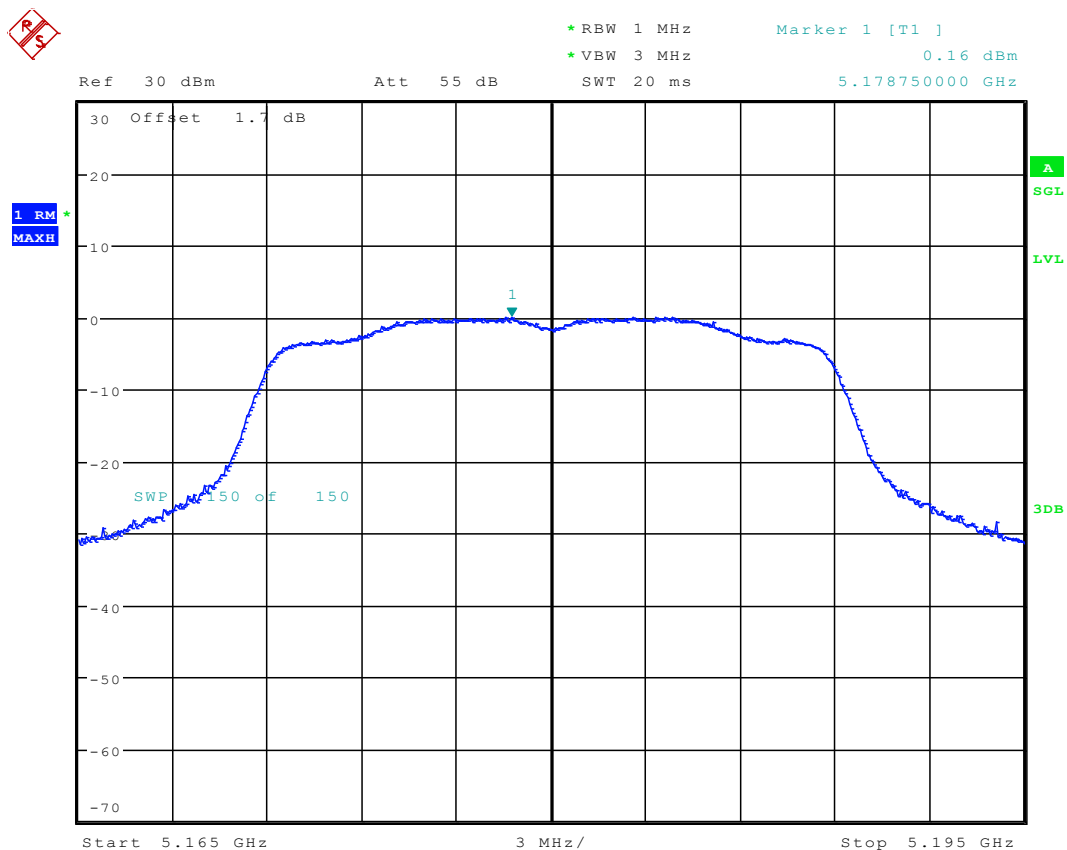
Date: 26.JAN.2018 15:52:53

11.91 11AC20_36 ANT 1



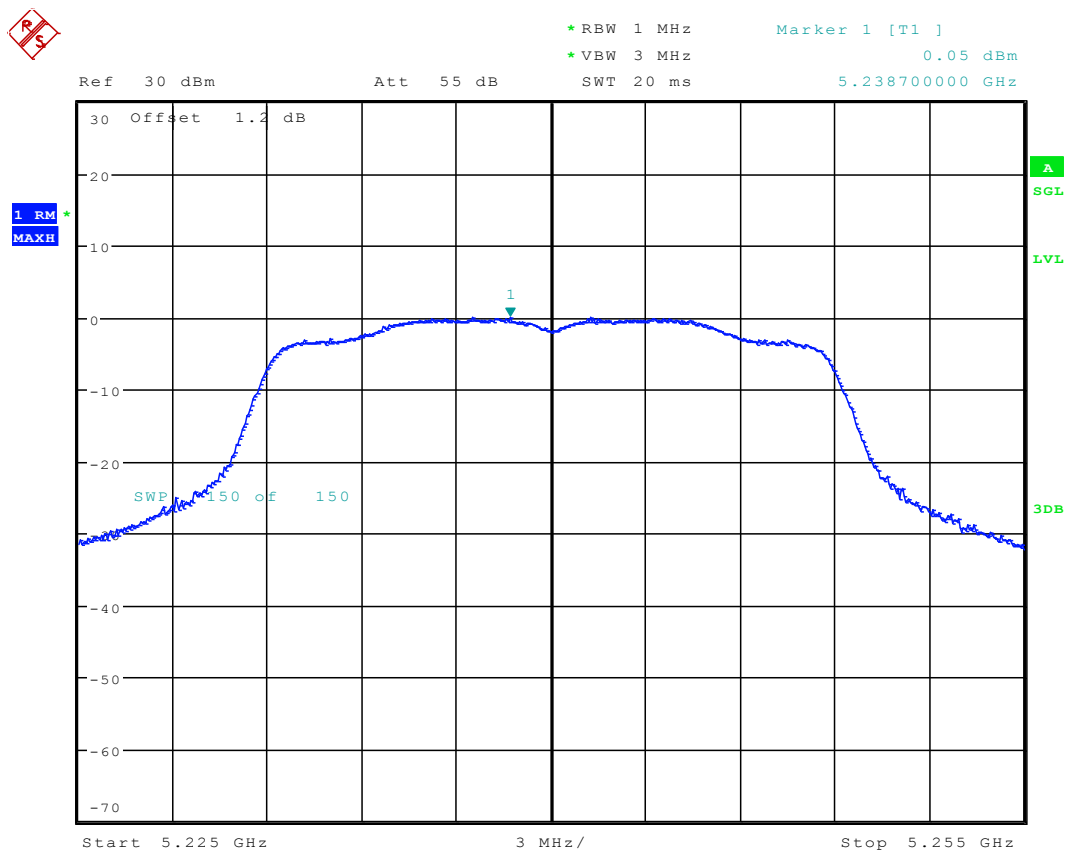
Date: 22.JAN.2018 15:26:07

11.92 11AC20_36 ANT 2

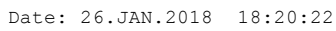


Date: 24.JAN.2018 13:49:42

11.93 11AC20_48 ANT 1



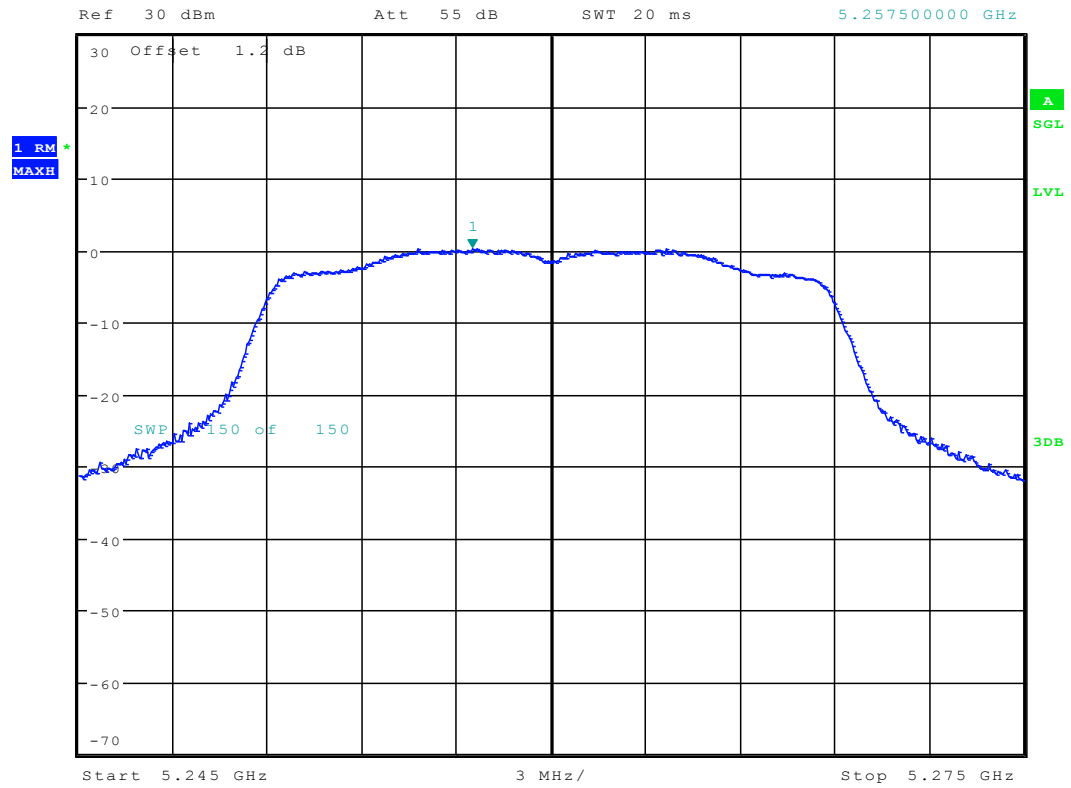
Date: 22.JAN.2018 15:29:36



11.95 11AC20_52 ANT 1

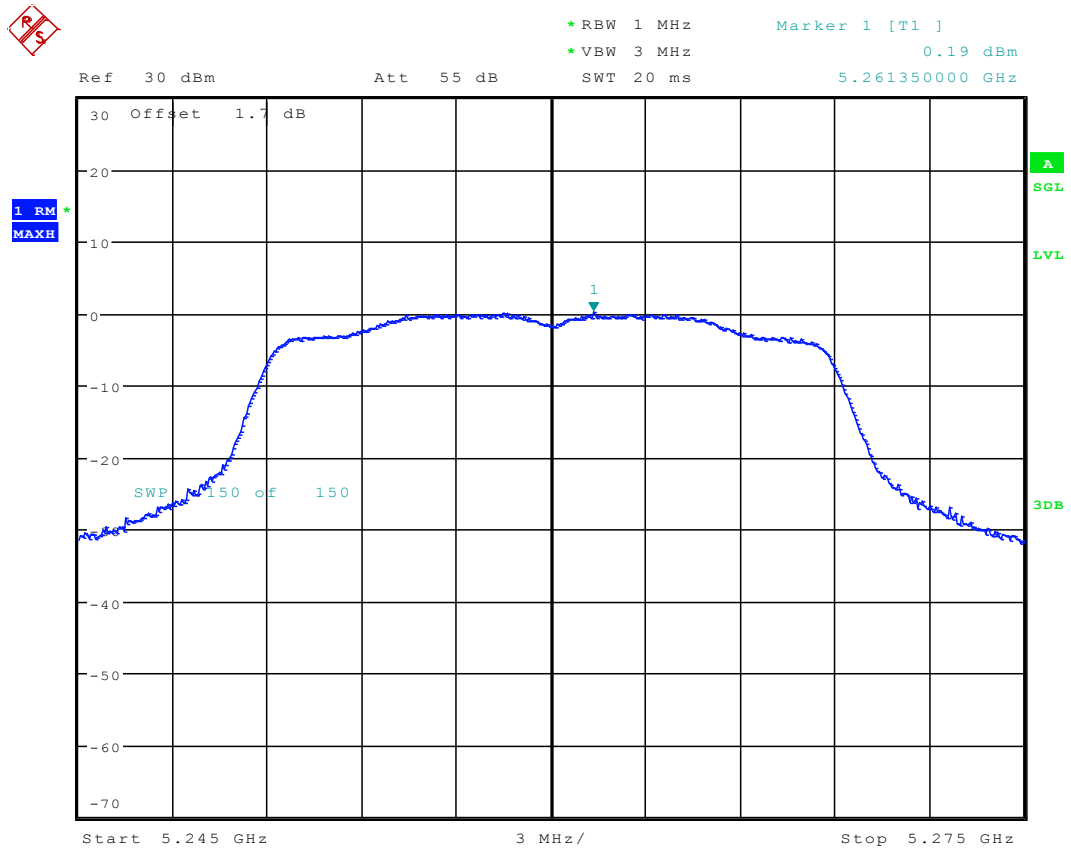


*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
0.36 dBm
5.257500000 GHz



Date: 22.JAN.2018 15:32:56

11.96 11AC20_52 ANT 2

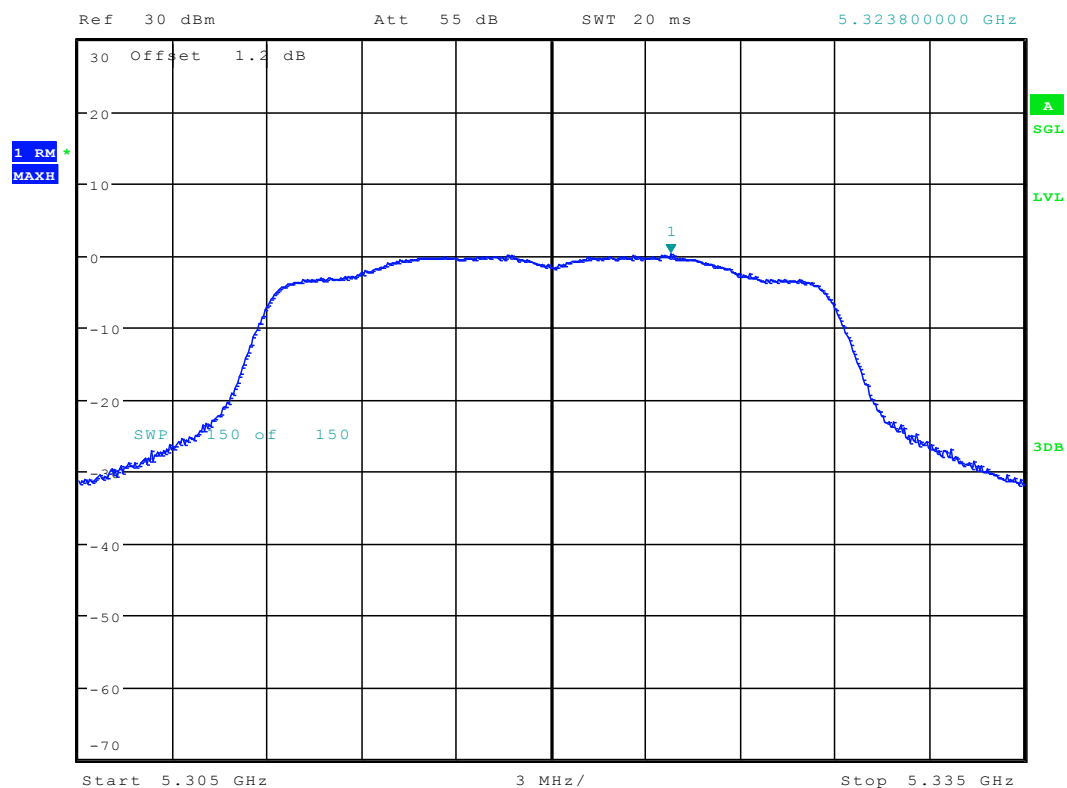


Date: 24.JAN.2018 13:55:59

11.97 11AC20_64 ANT 1

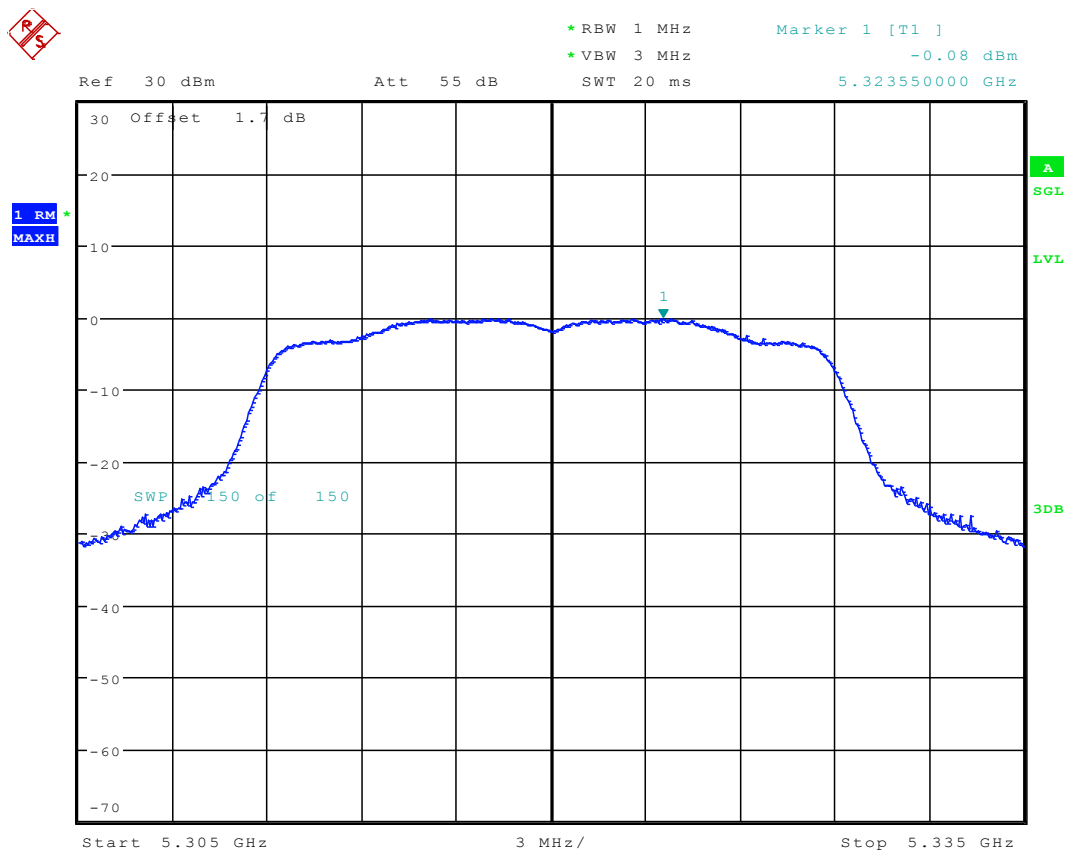


*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
0.19 dBm
5.323800000 GHz



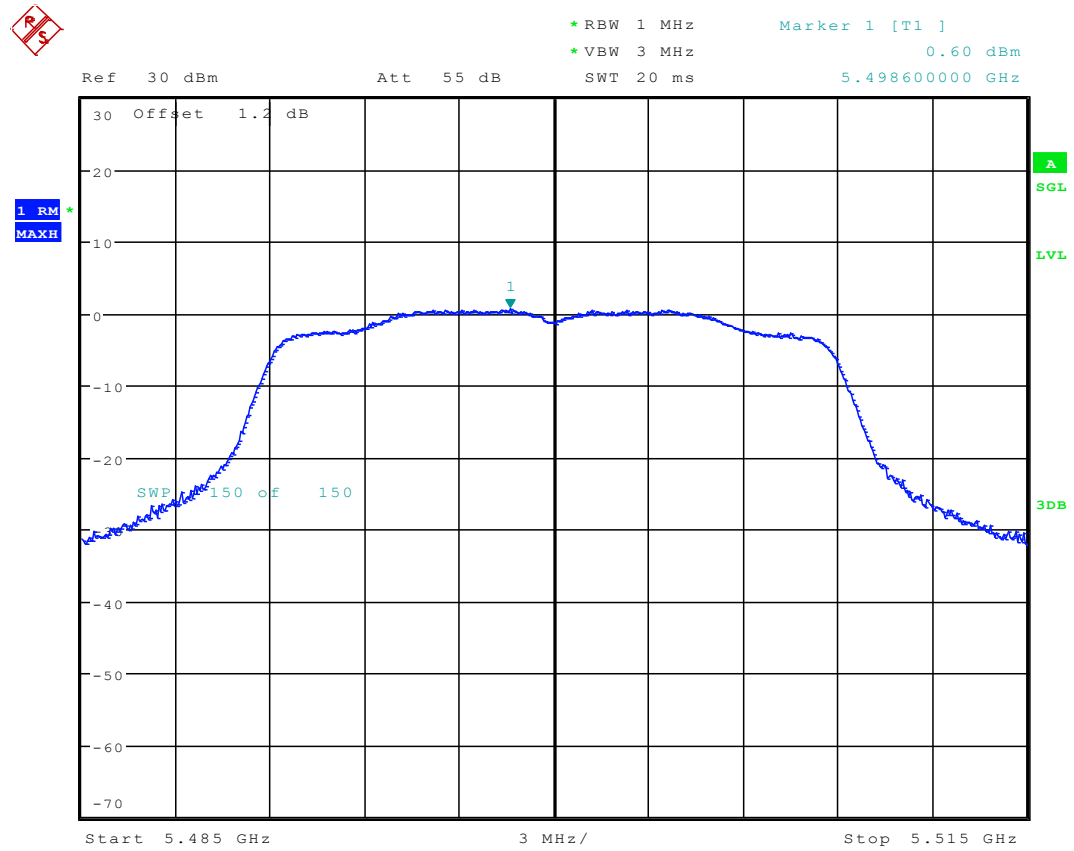
Date: 22.JAN.2018 15:39:44

11.98 11AC20_64 ANT 2



Date: 24.JAN.2018 14:00:32

11.99 11AC20_100 ANT 1



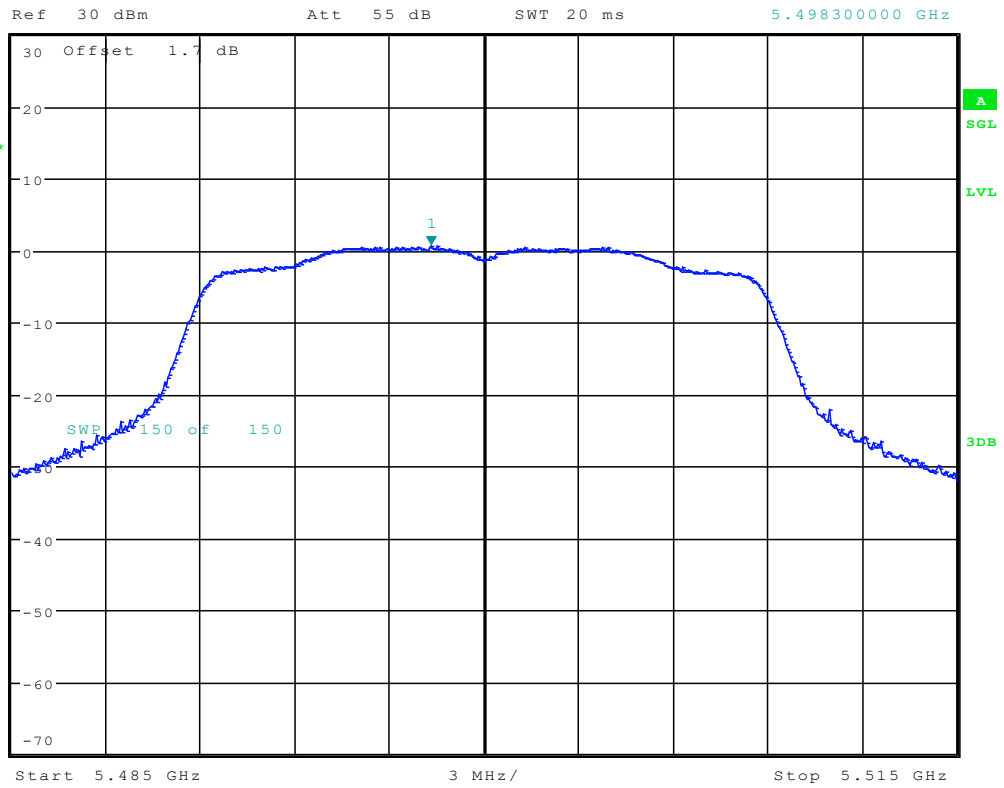
Date: 22.JAN.2018 15:44:31

11.100 11AC20_100 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
0.69 dBm
5.498300000 GHz



Date: 24.JAN.2018 14:03:04

11.101 11AC20_140 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

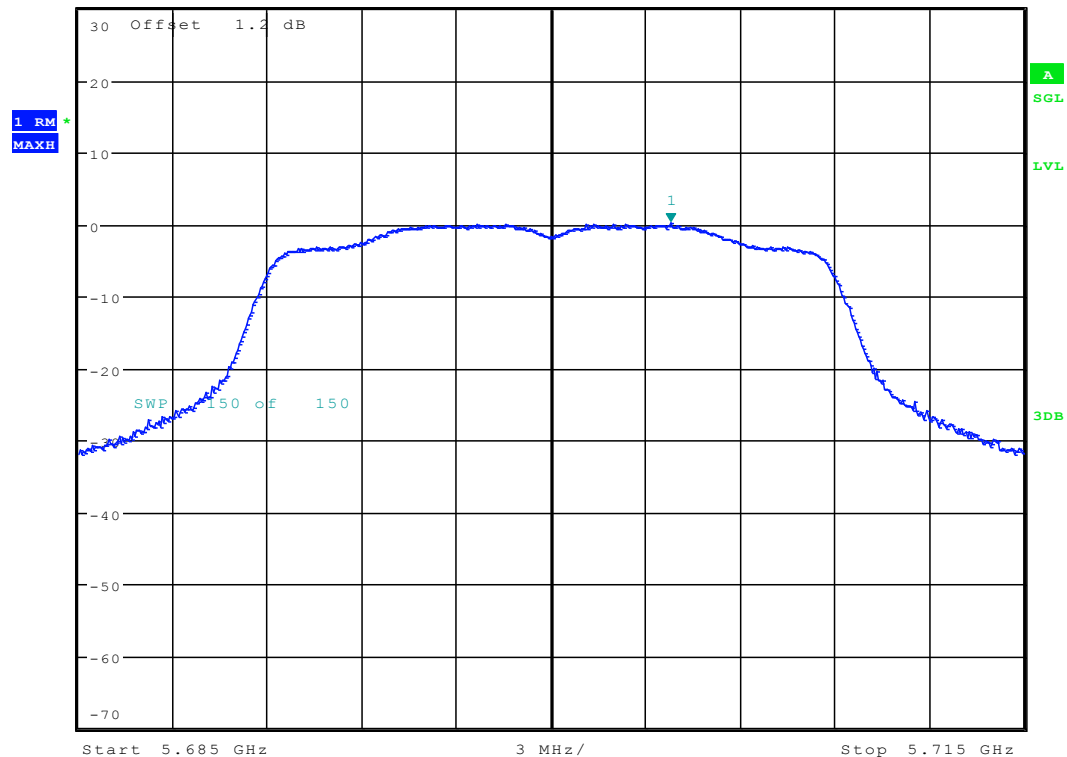
Marker 1 [T1]
0.17 dBm
5.703800000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.703800000 GHz

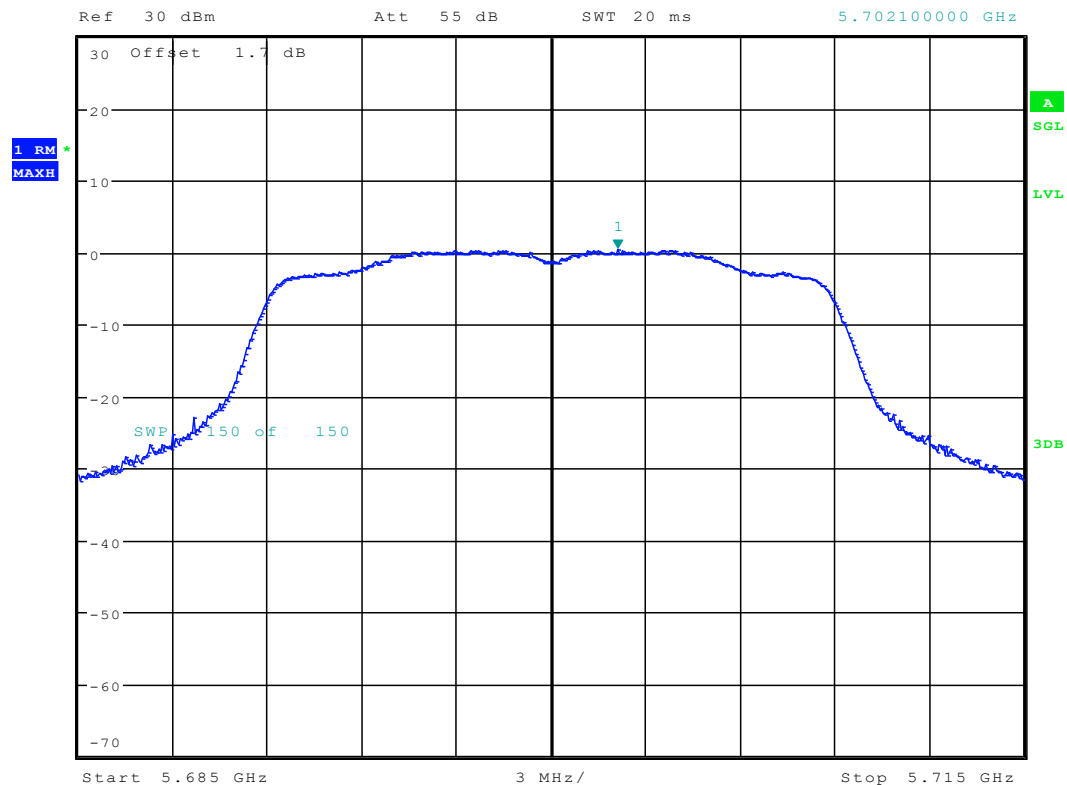


Date: 22.JAN.2018 15:47:00

11.102 11AC20_140 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
0.44 dBm
5.702100000 GHz

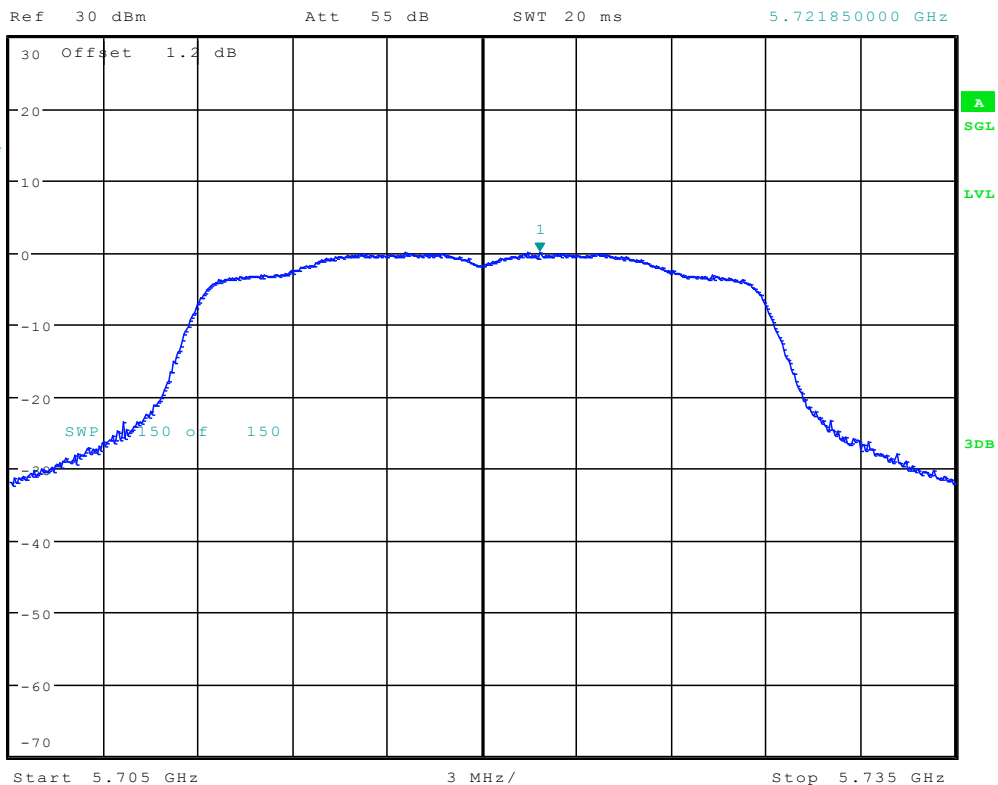


Date: 24.JAN.2018 14:05:28

11.103 11AC20_144 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
0.11 dBm
5.721850000 GHz

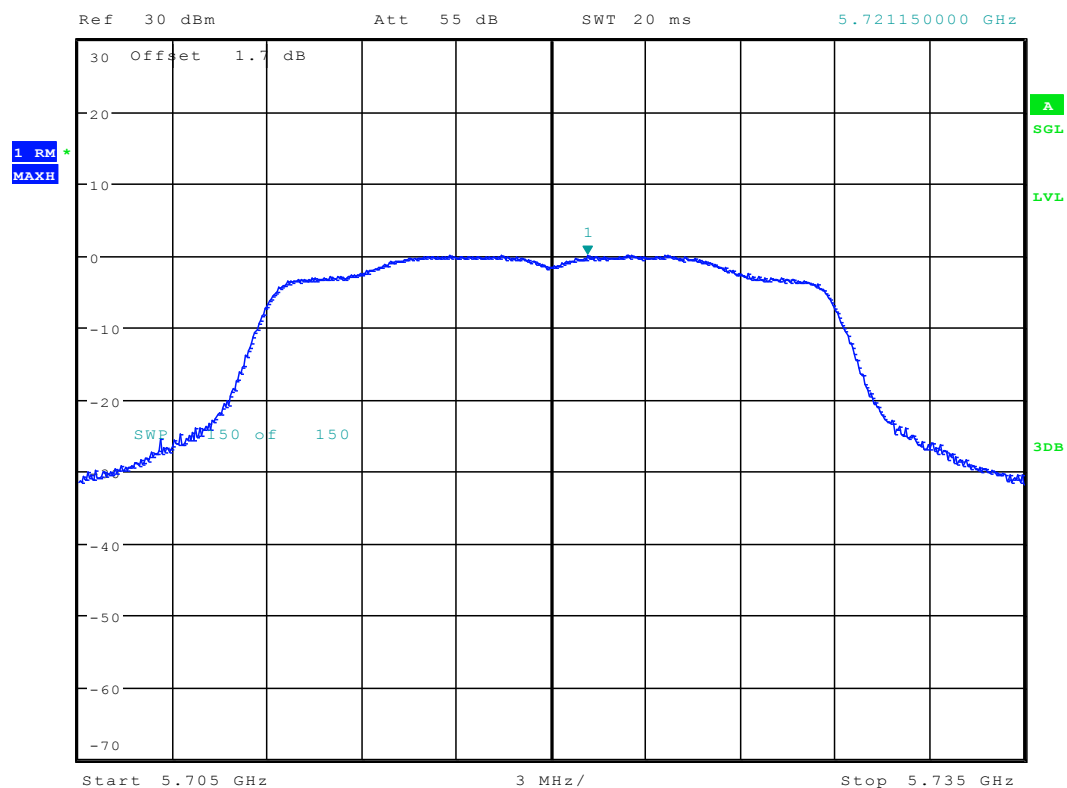


Date: 22.JAN.2018 15:52:04

11.104 11AC20_144 ANT 2



* RBW 1 MHz
* VBW 3 MHz
SWT 20 ms
Marker 1 [T1]
0.07 dBm
5.721150000 GHz

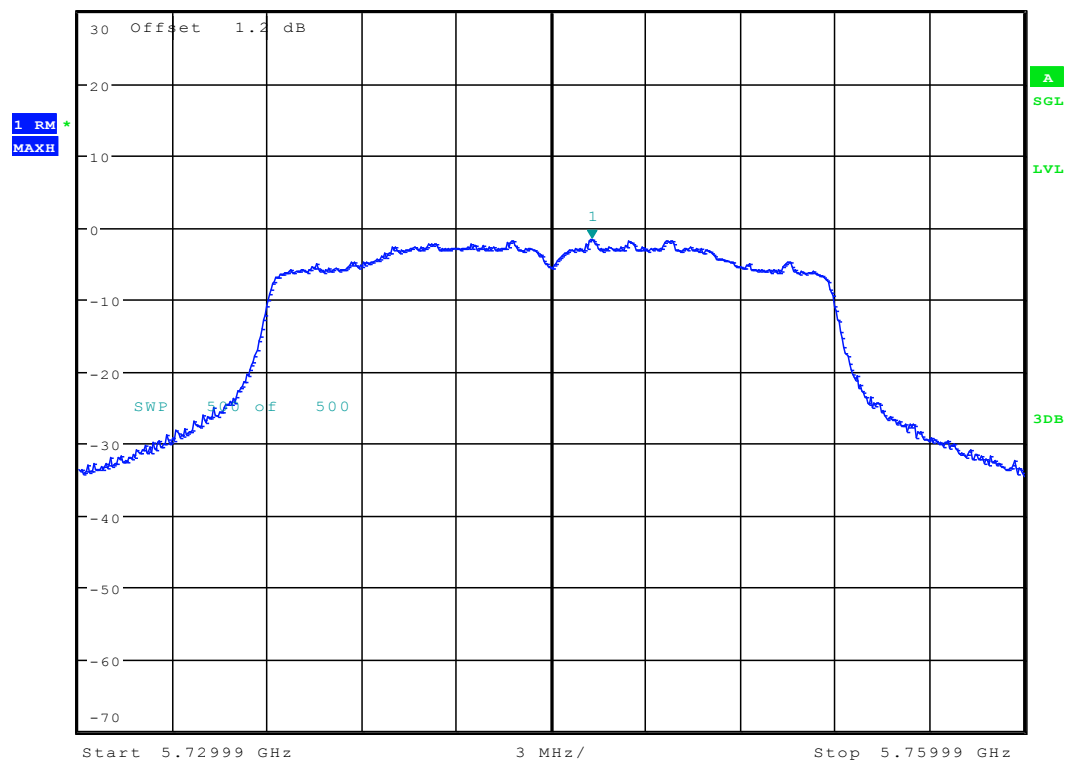


Date: 24.JAN.2018 14:07:46

11.105 11AC20_149 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -1.66 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.746290000 GHz

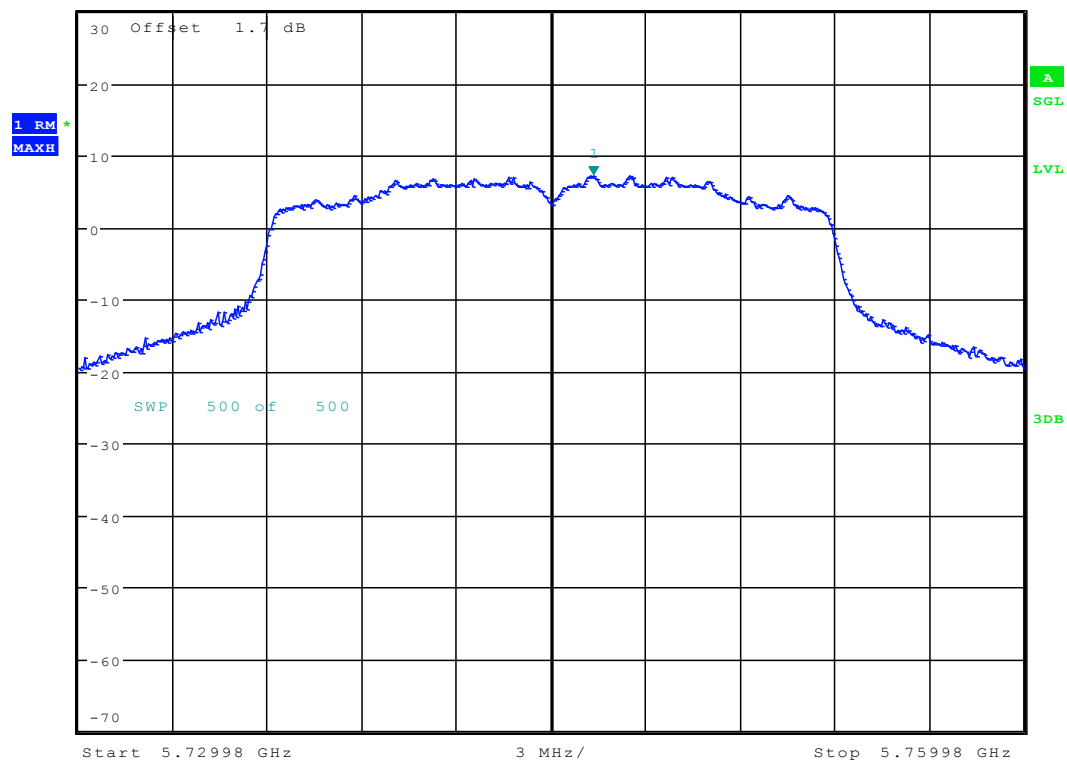


Date: 22.JAN.2018 15:58:23

11.106 11AC20_149 ANT 2



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz 7.22 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.746330000 GHz

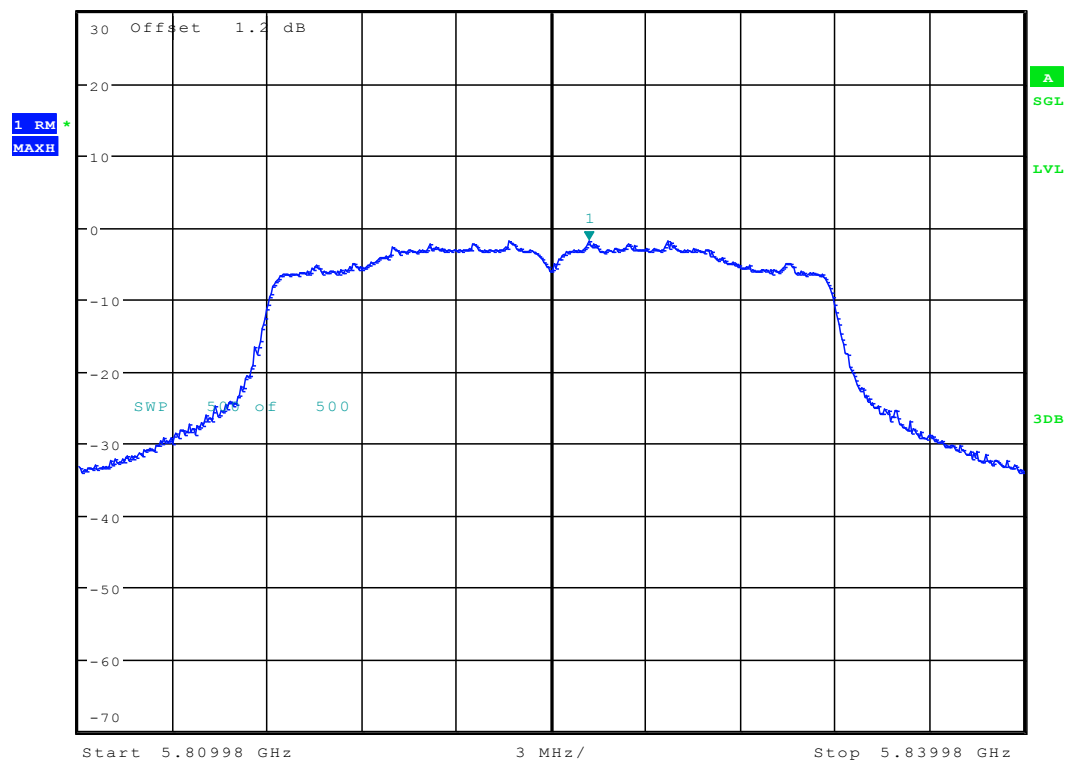


Date: 24.JAN.2018 15:01:30

11.107 11AC20_165 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -1.82 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.826180000 GHz

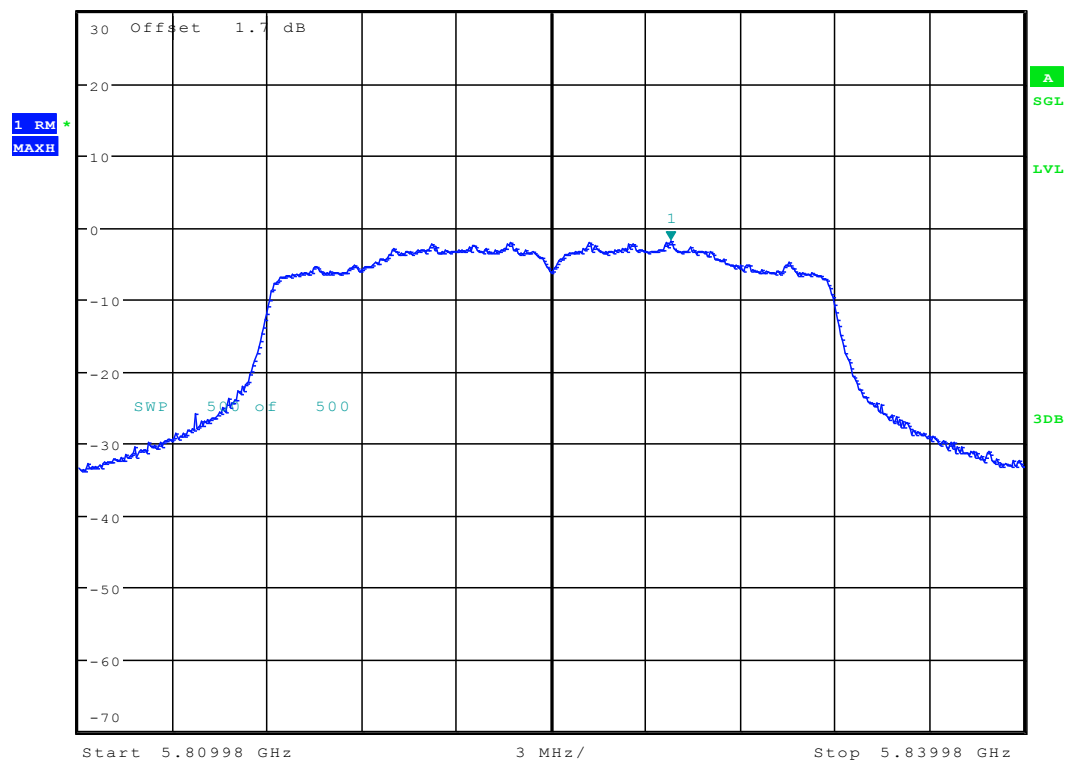


Date: 22.JAN.2018 16:02:38

11.108 11AC20_165 ANT 2



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz -1.92 dBm
Ref 30 dBm Att 55 dB SWT 20 ms 5.828780000 GHz



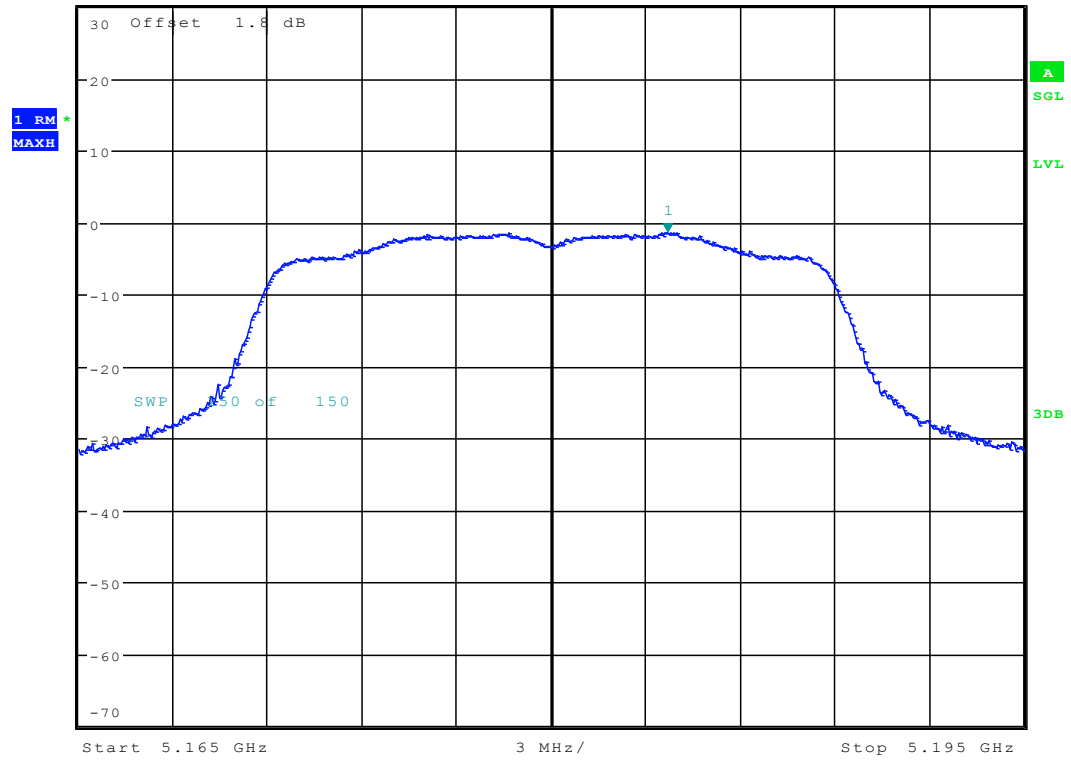
Date: 24.JAN.2018 15:04:37

11.109 11AC20MIMO_36 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.41 dBm
5.183700000 GHz



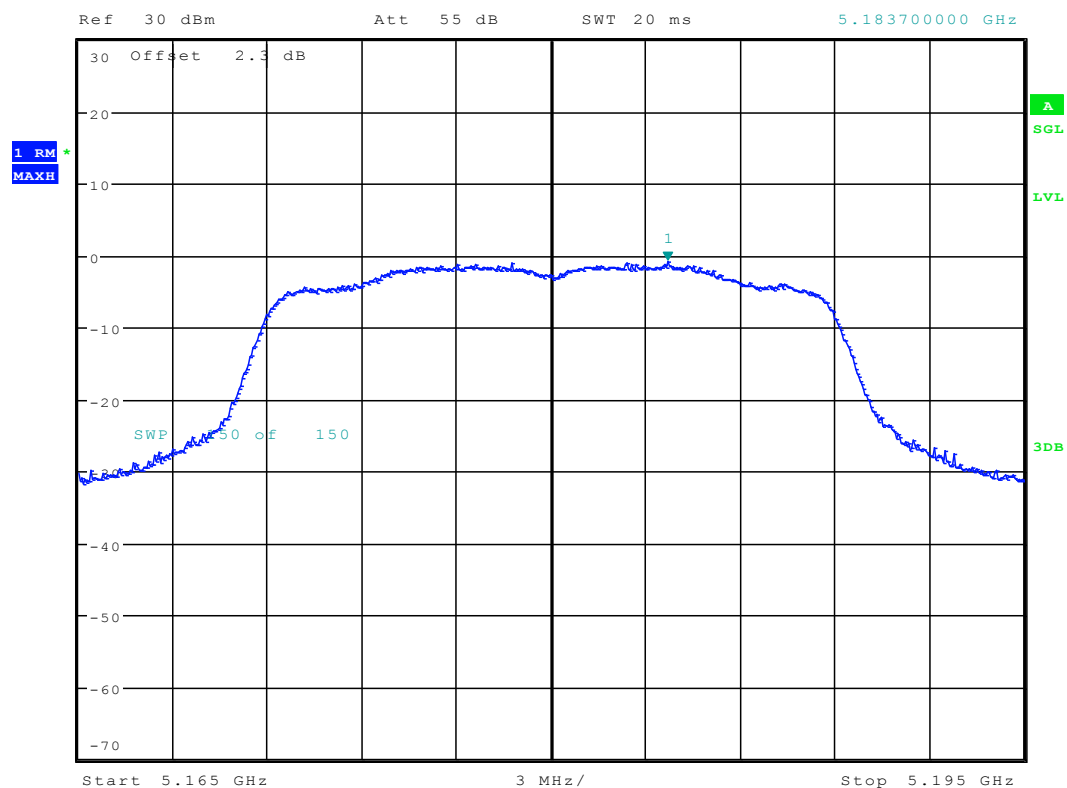
Date: 23.JAN.2018 15:41:58

11.110 11AC20MIMO_36 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-0.88 dBm
5.183700000 GHz



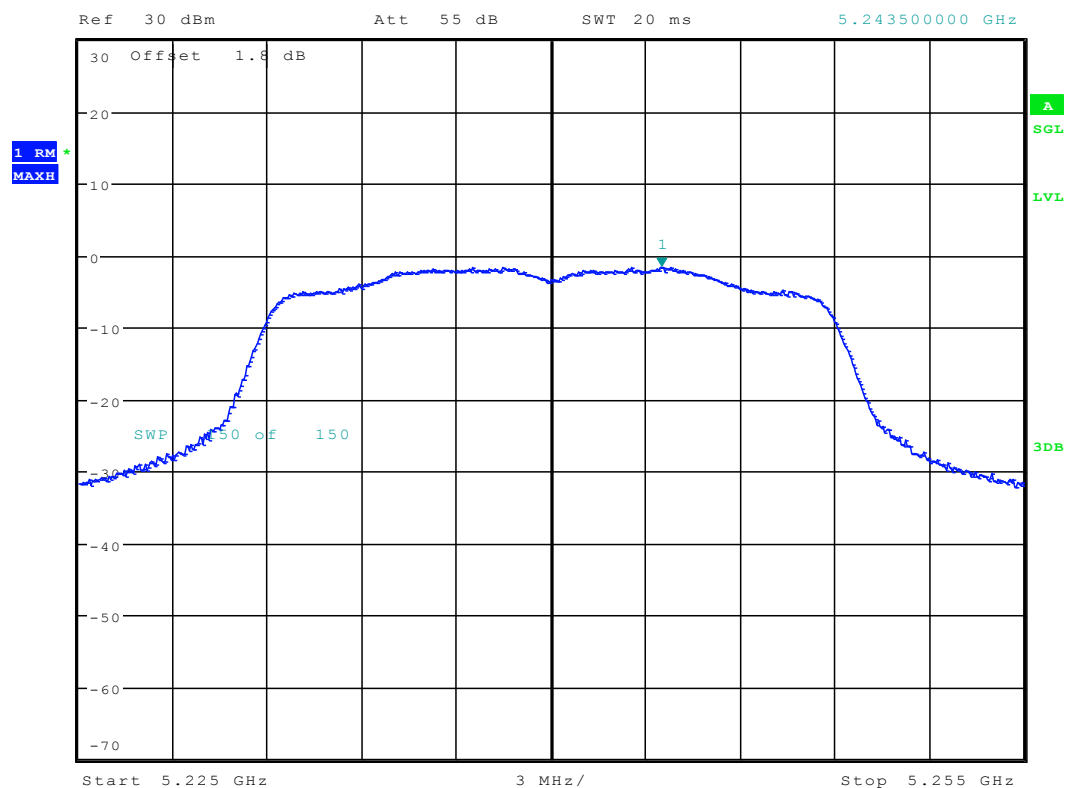
Date: 26.JAN.2018 14:59:11

11.111 11AC20MIMO_48 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.61 dBm
5.243500000 GHz

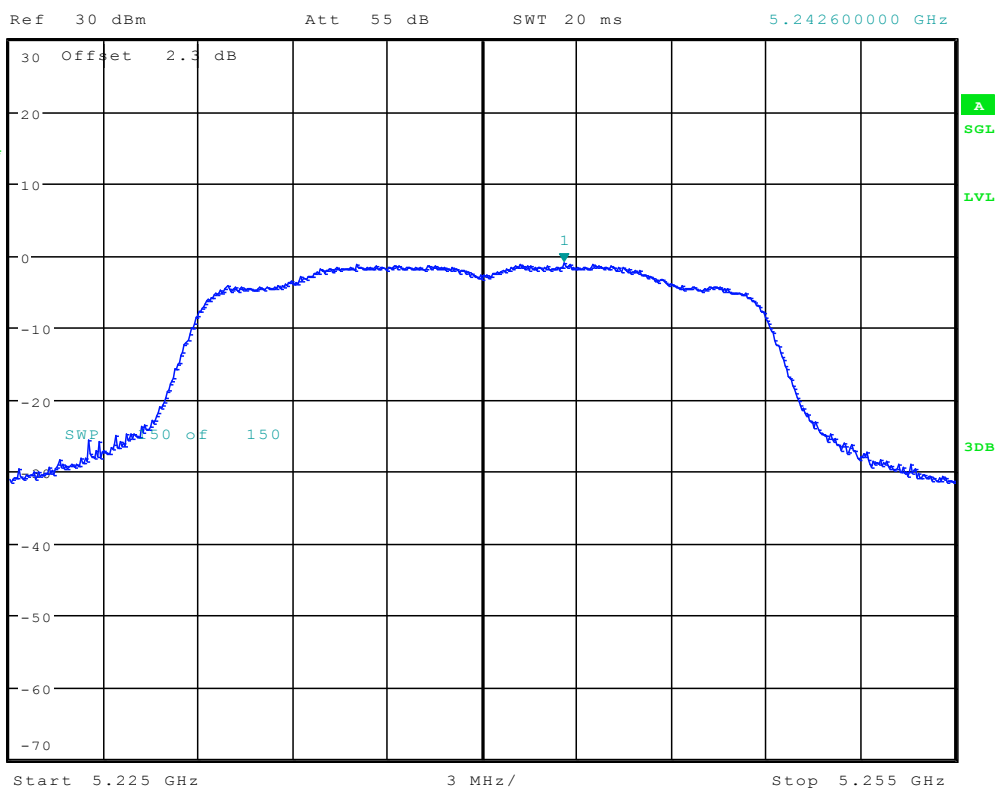


Date: 23.JAN.2018 15:44:58

11.112 11AC20MIMO_48 ANT 2



* RBW 1 MHz
* VBW 3 MHz
Marker 1 [T1]
-0.98 dBm
5.242600000 GHz



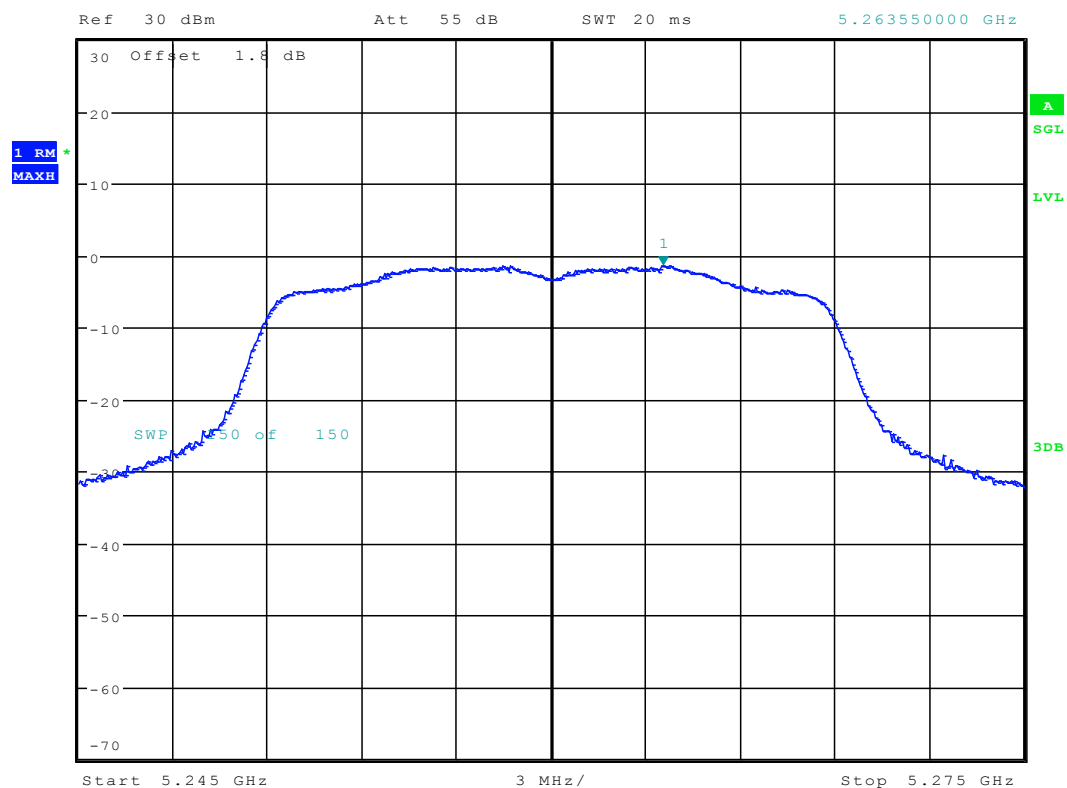
Date: 26.JAN.2018 15:03:48

11.113 11AC20MIMO_52 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.34 dBm
5.263550000 GHz



Date: 23.JAN.2018 15:47:47

11.114 11AC20MIMO_52 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-1.15 dBm

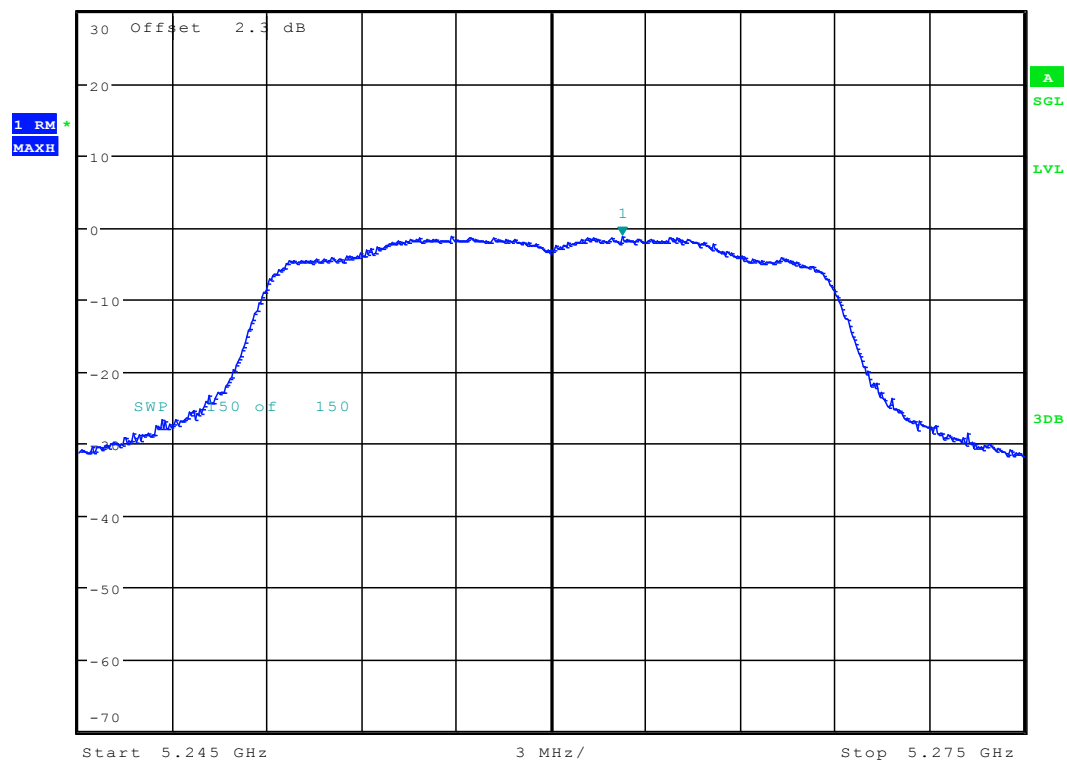
5.262250000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.262250000 GHz



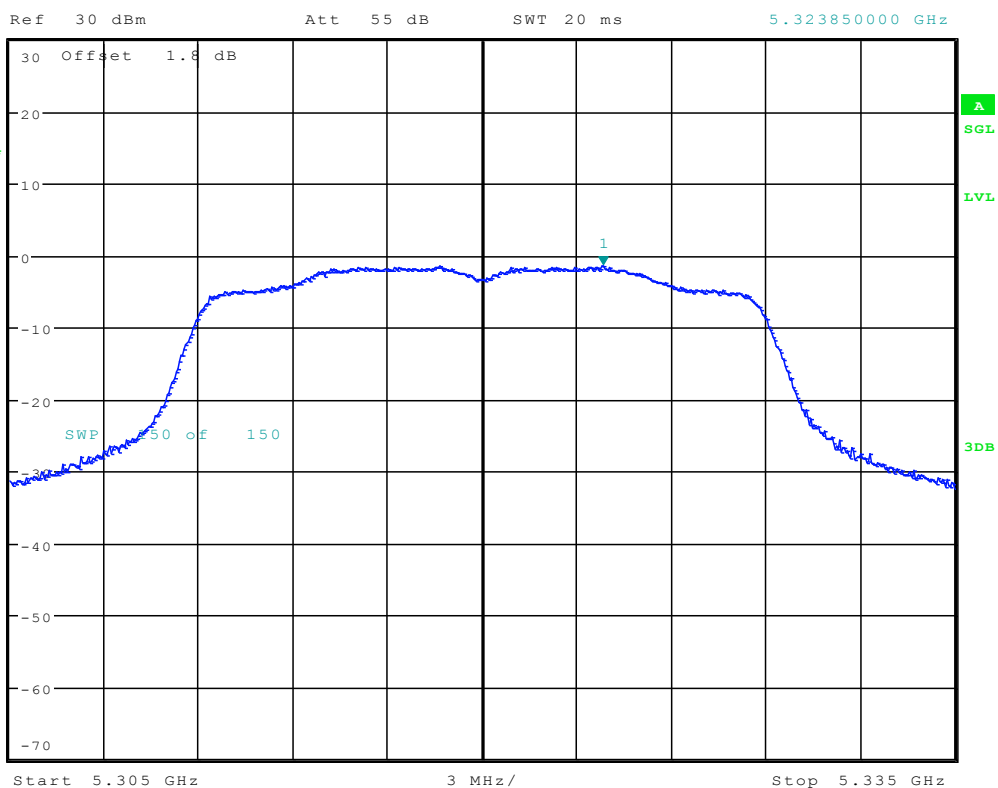
Date: 26.JAN.2018 15:06:24

11.115 11AC20MIMO_64 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.38 dBm
5.323850000 GHz



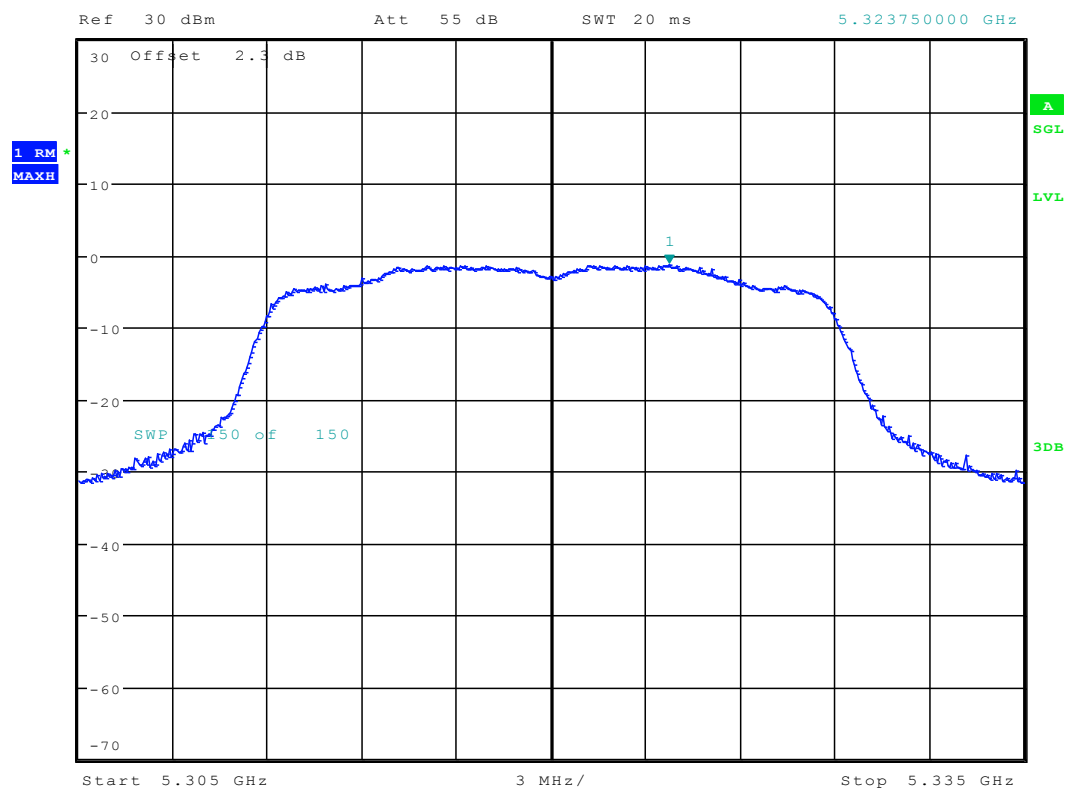
Date: 23.JAN.2018 15:50:15

11.116 11AC20MIMO_64 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.10 dBm
5.323750000 GHz



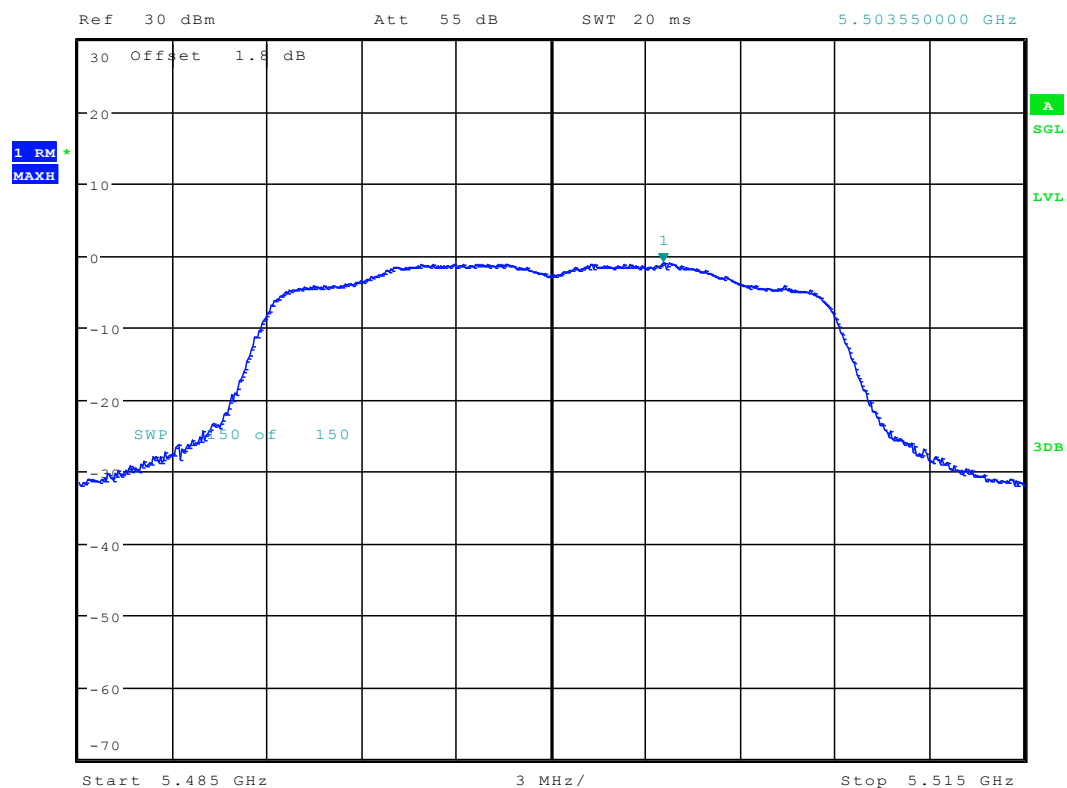
Date: 26.JAN.2018 15:10:22

11.117 11AC20MIMO_100 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.03 dBm
5.503550000 GHz

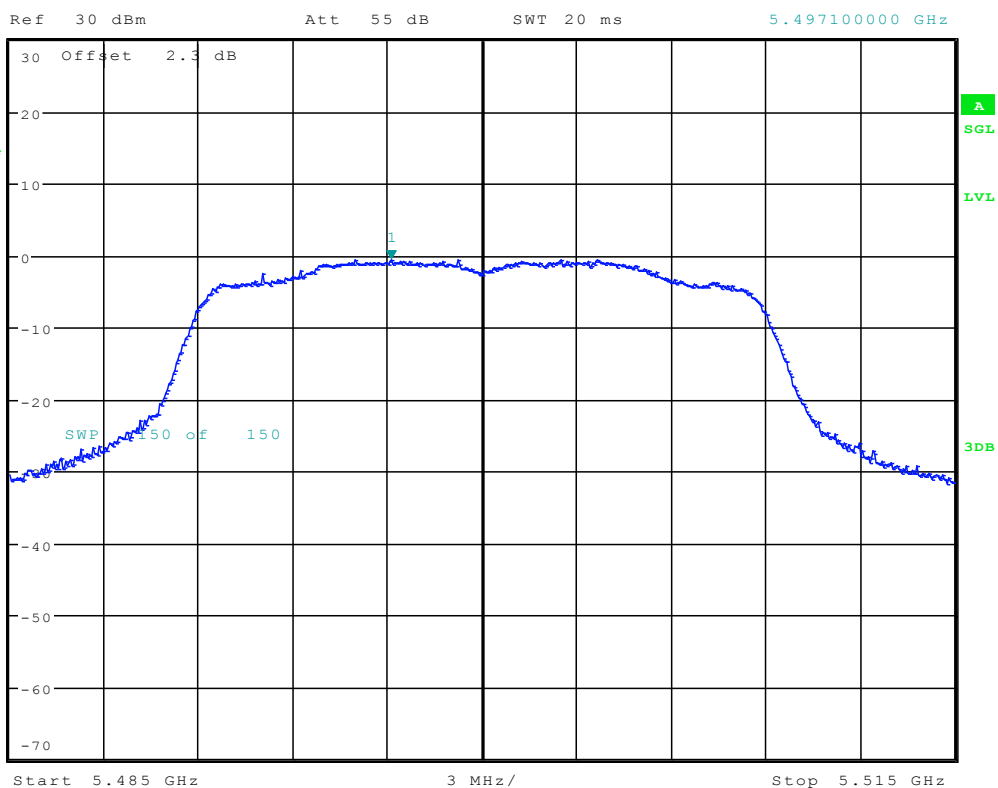


Date: 23.JAN.2018 15:53:05

11.118 11AC20MIMO_100 ANT 2



* RBW 1 MHz
* VBW 3 MHz
Marker 1 [T1]
-0.52 dBm
5.497100000 GHz



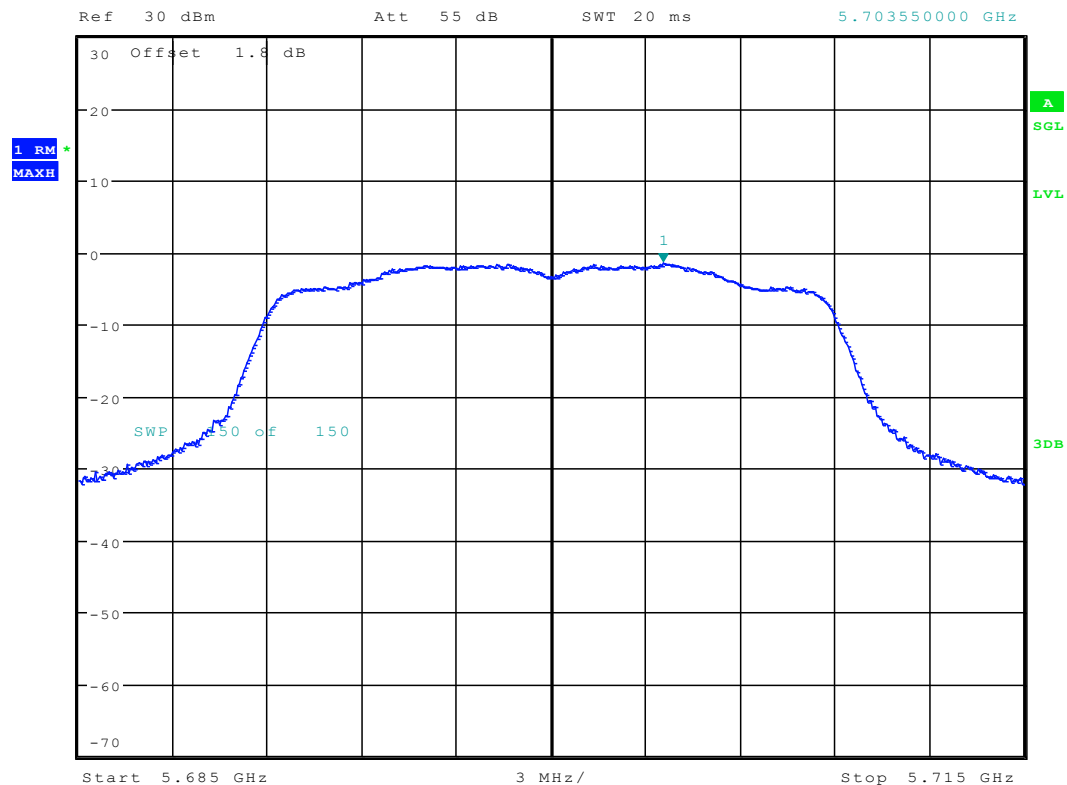
Date: 26.JAN.2018 15:13:41

11.119 11AC20MIMO_140 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.47 dBm
5.703550000 GHz



Date: 23.JAN.2018 15:55:37

11.120 11AC20MIMO_140 ANT 2



* RBW 1 MHz
* VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-0.38 dBm

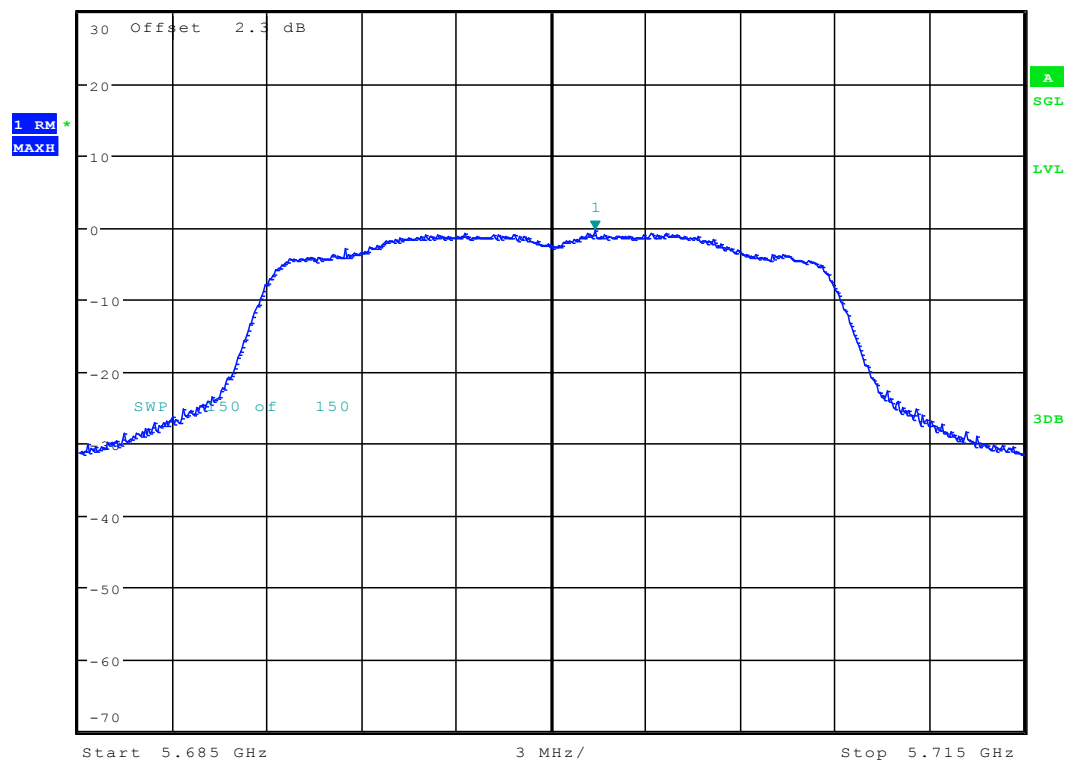
5.701400000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.701400000 GHz



Date: 26.JAN.2018 15:16:22

11.121 11AC20MIMO_144 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-1.44 dBm

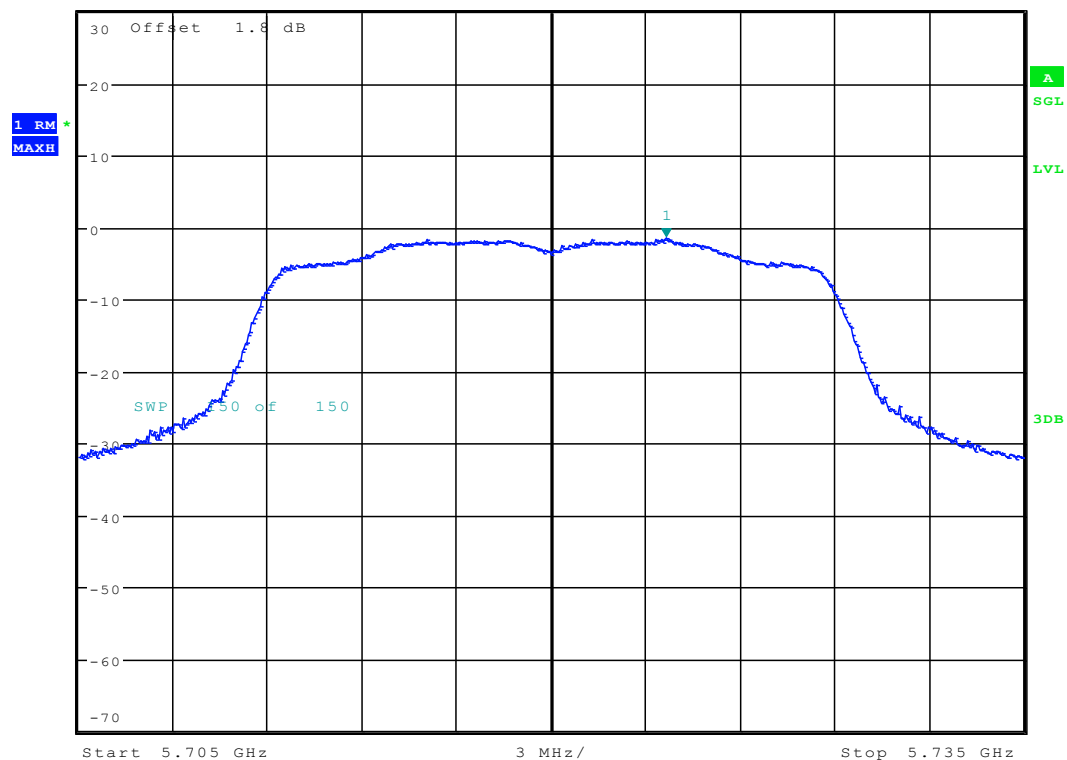
5.723650000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.723650000 GHz



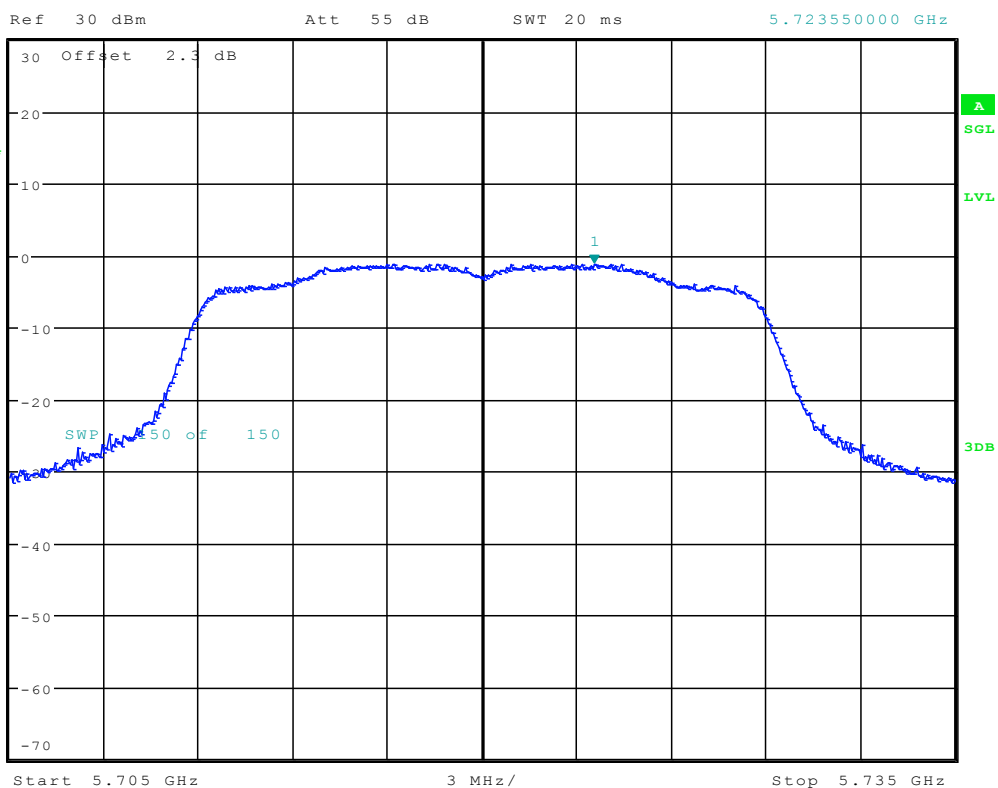
Date: 23.JAN.2018 15:58:05

11.122 11AC20MIMO_144 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.12 dBm
5.723550000 GHz

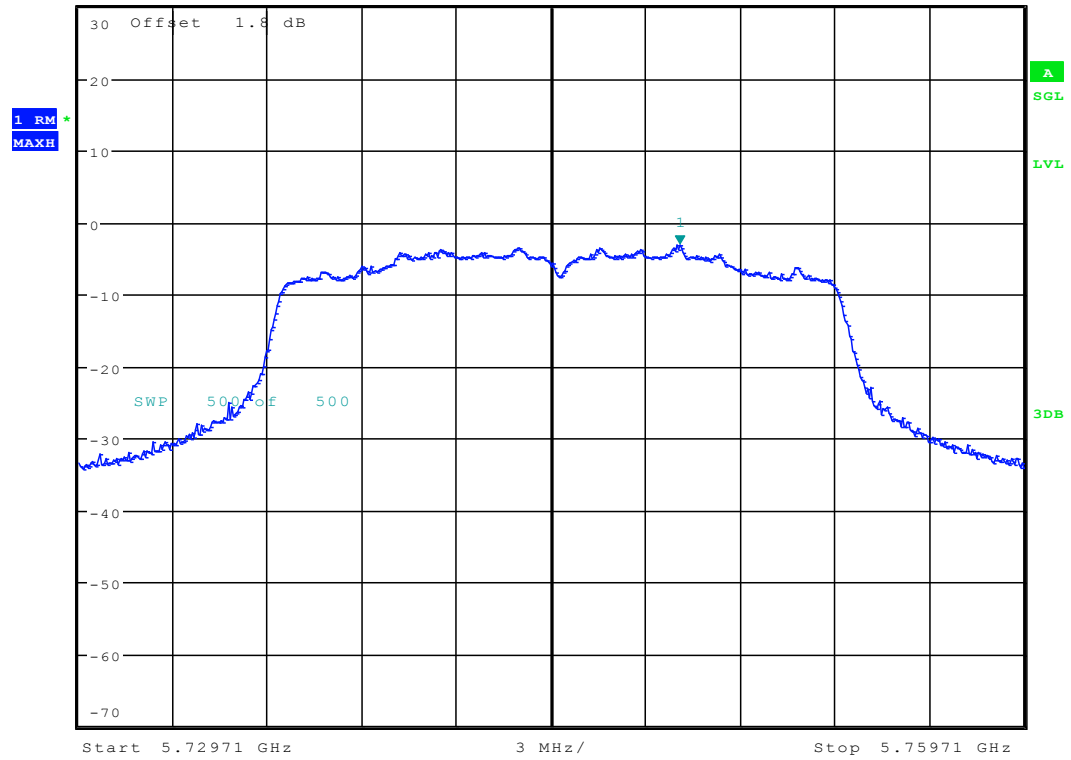


Date: 26.JAN.2018 15:19:17

11.123 11AC20MIMO_149 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -3.16 dBm
 SWT 20 ms 5.748810000 GHz

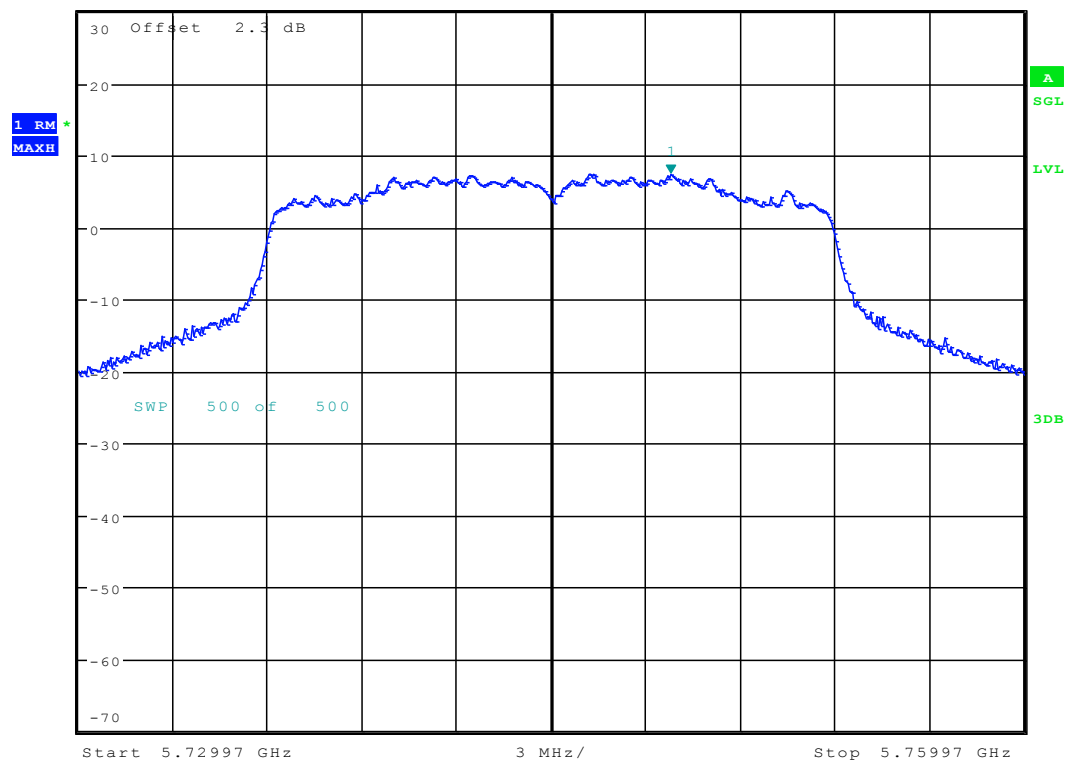


Date: 23.JAN.2018 16:01:22

11.124 11AC20MIMO_149 ANT 2



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz 7.47 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.748770000 GHz

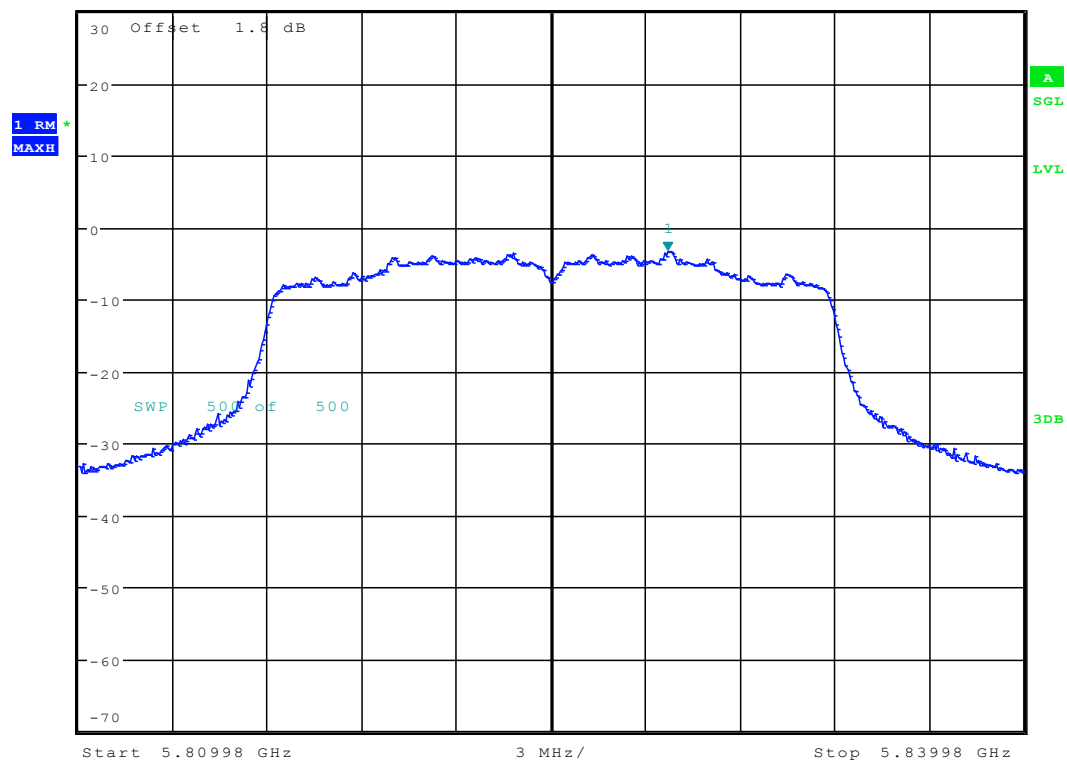


Date: 26.JAN.2018 15:22:43

11.125 11AC20MIMO_165 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -3.21 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.828680000 GHz

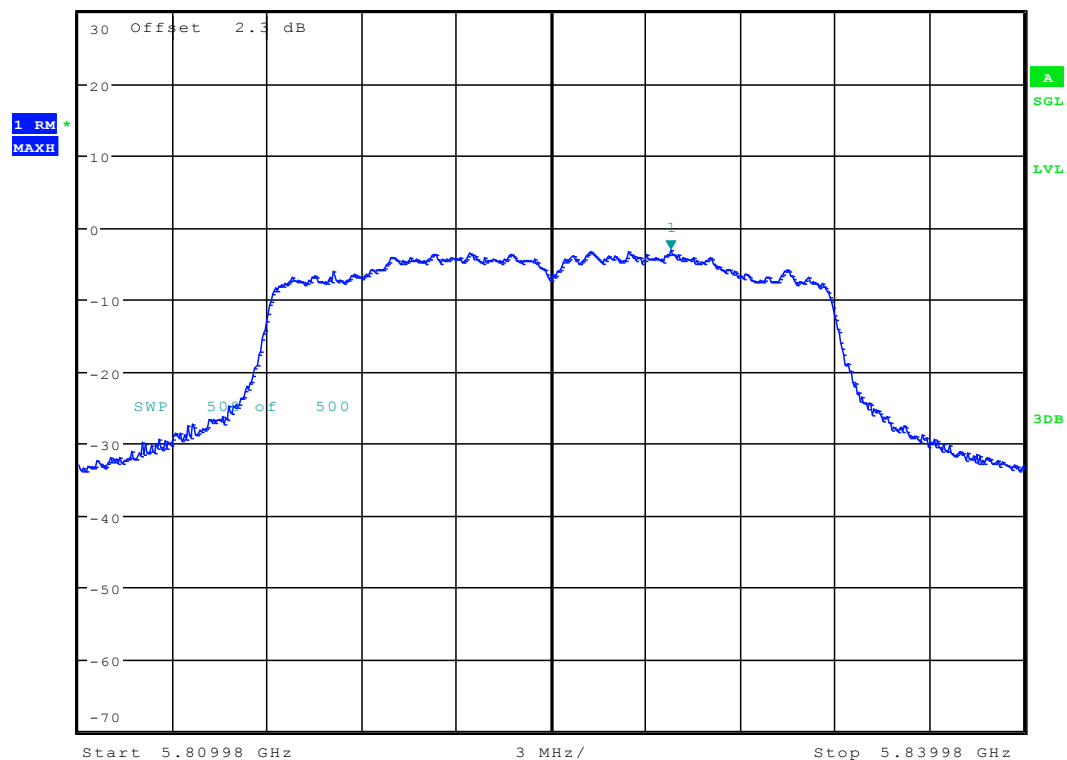


Date: 23.JAN.2018 16:04:21

11.126 11AC20MIMO_165 ANT 2



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -3.19 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.828780000 GHz



Date: 26.JAN.2018 15:25:39

11.127 11AC40_38 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.29 dBm

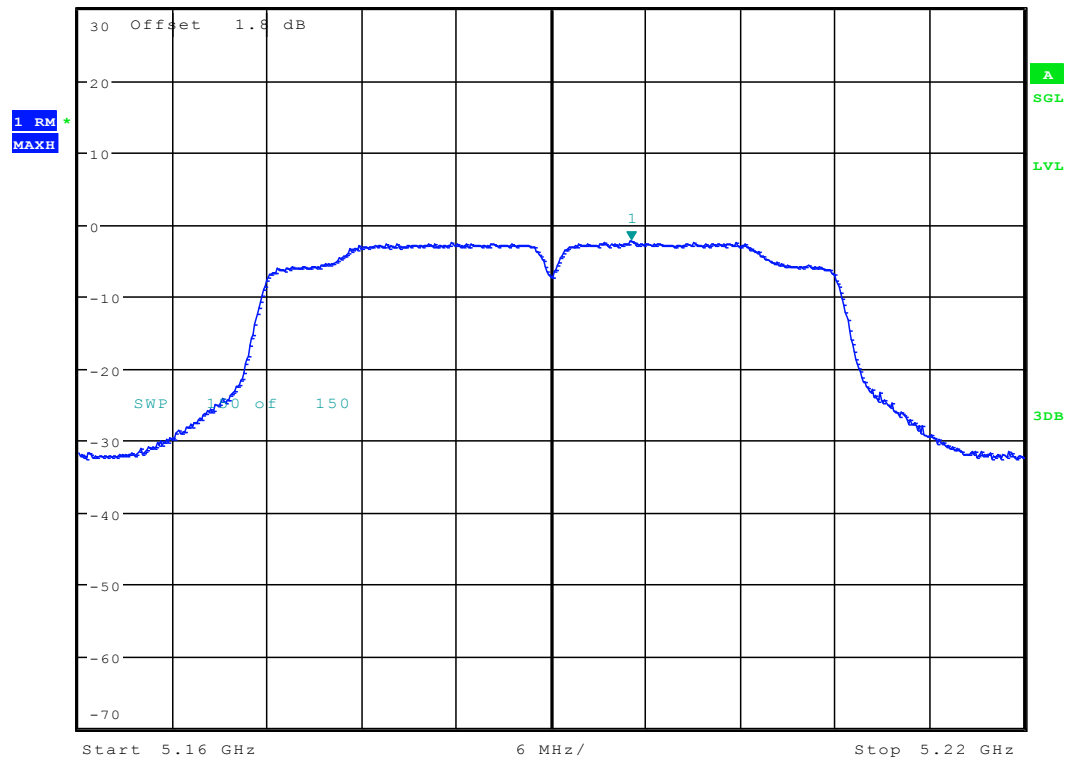
5.195100000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.195100000 GHz



Date: 22.JAN.2018 16:44:55

11.128 11AC40_38 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.24 dBm

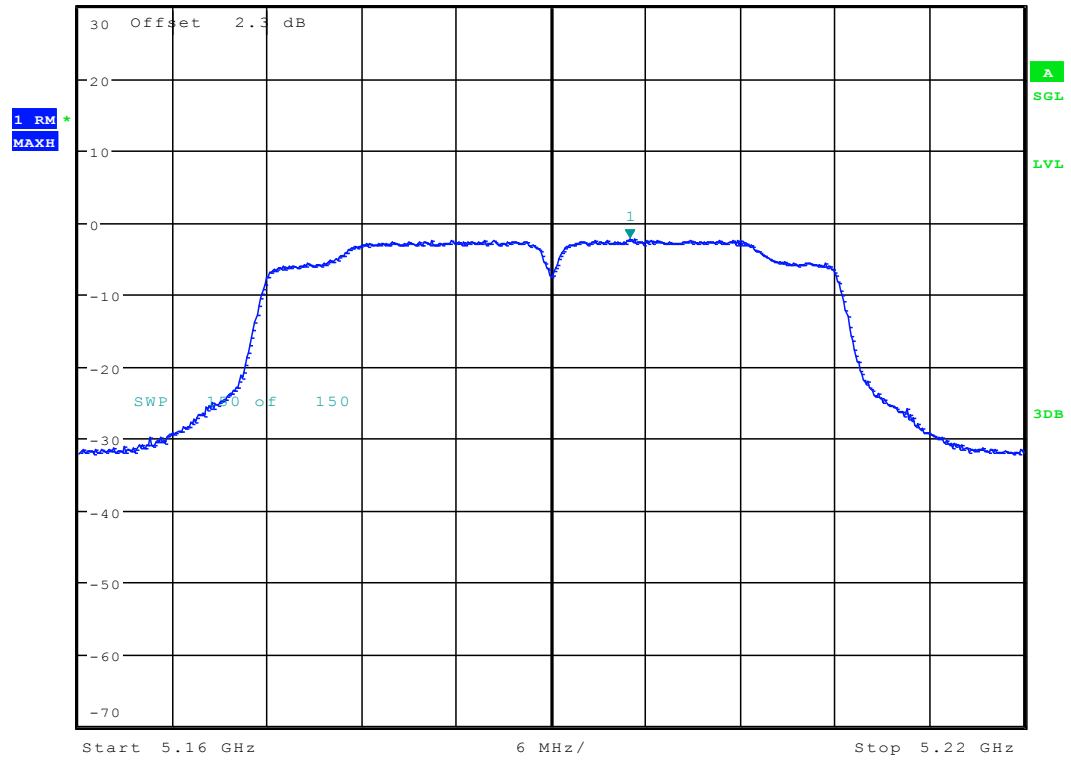
5.195000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.195000000 GHz



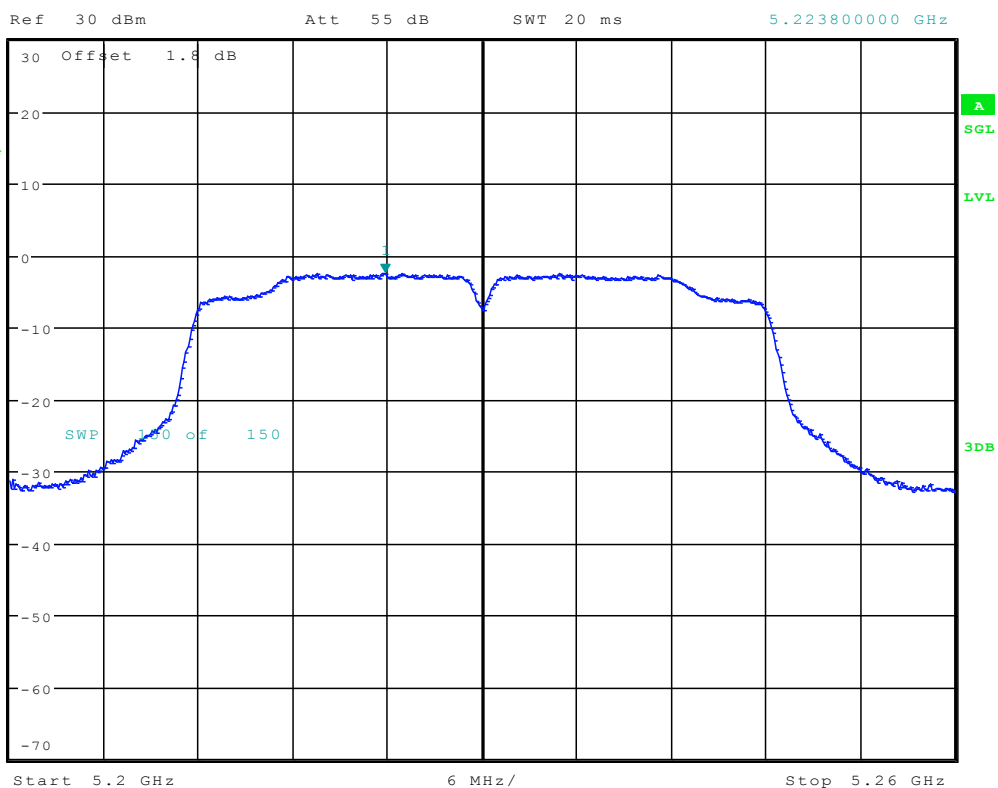
Date: 26.JAN.2018 17:26:53

11.129 11AC40_46 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-2.44 dBm
5.223800000 GHz



Date: 22.JAN.2018 16:47:24

11.130 11AC40_46 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.24 dBm

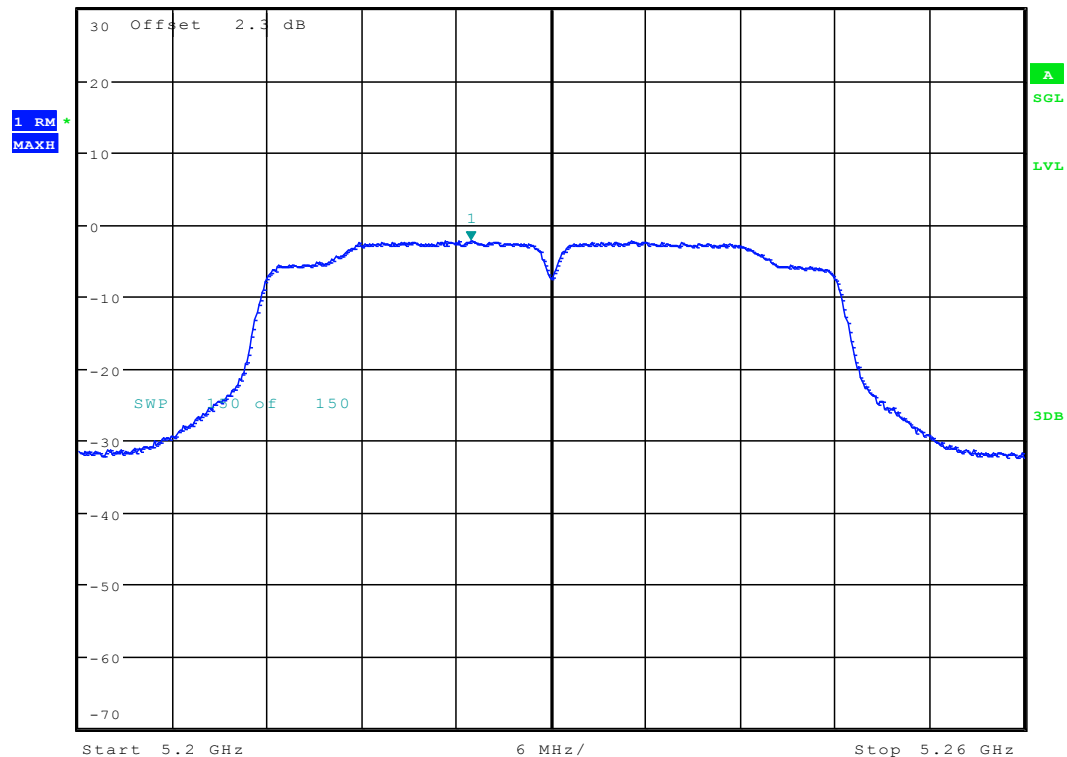
5.224900000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.224900000 GHz



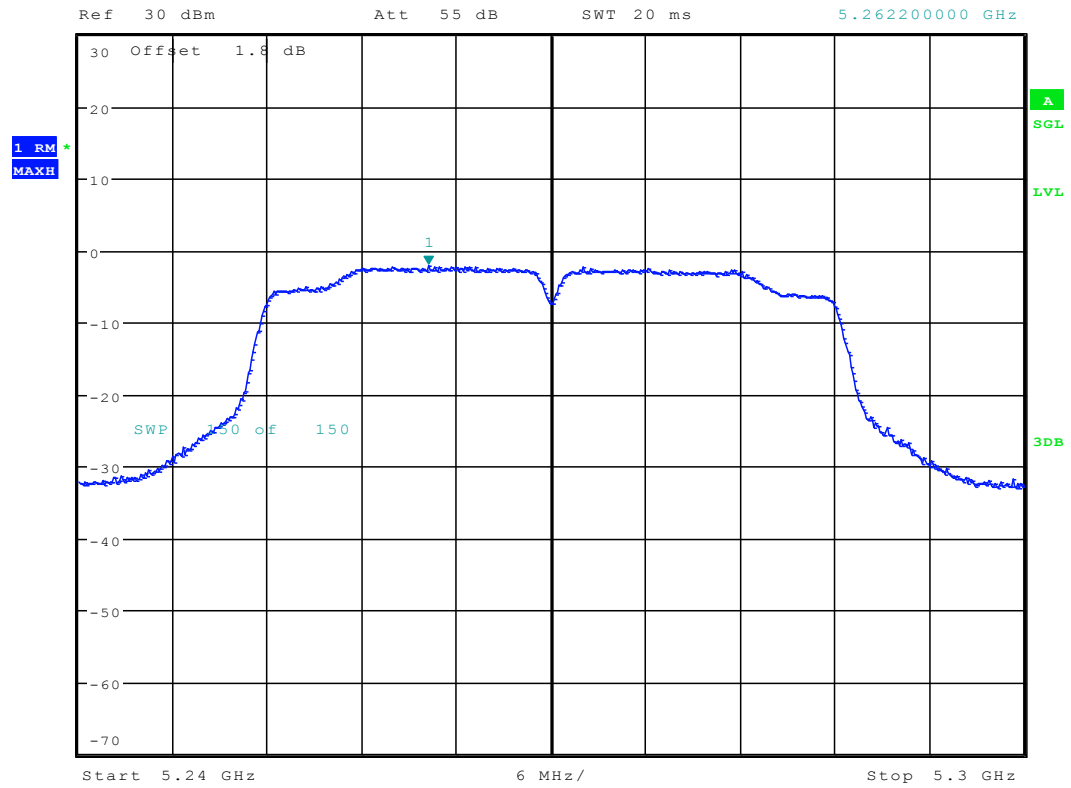
Date: 26.JAN.2018 17:29:58

11.131 11AC40_54 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-1.97 dBm
5.262200000 GHz



Date: 22.JAN.2018 16:50:21

11.132 11AC40_54 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.17 dBm

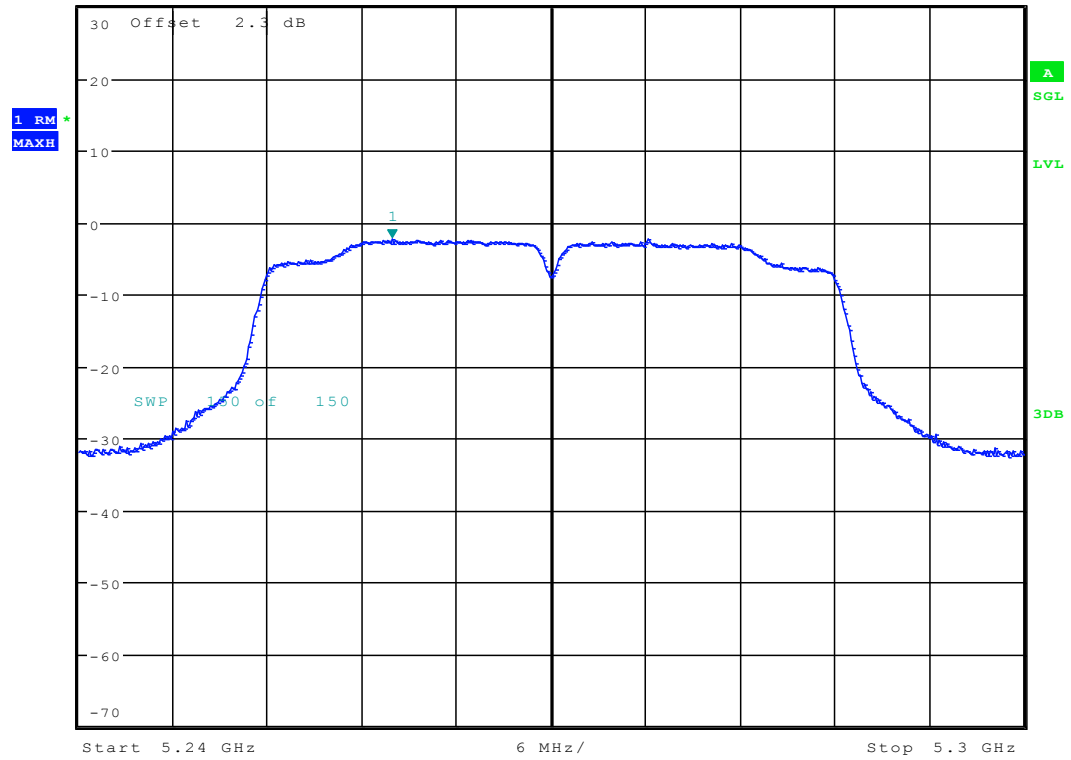
5.259900000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.259900000 GHz



Date: 26.JAN.2018 17:33:17

11.133 11AC40_62 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.29 dBm

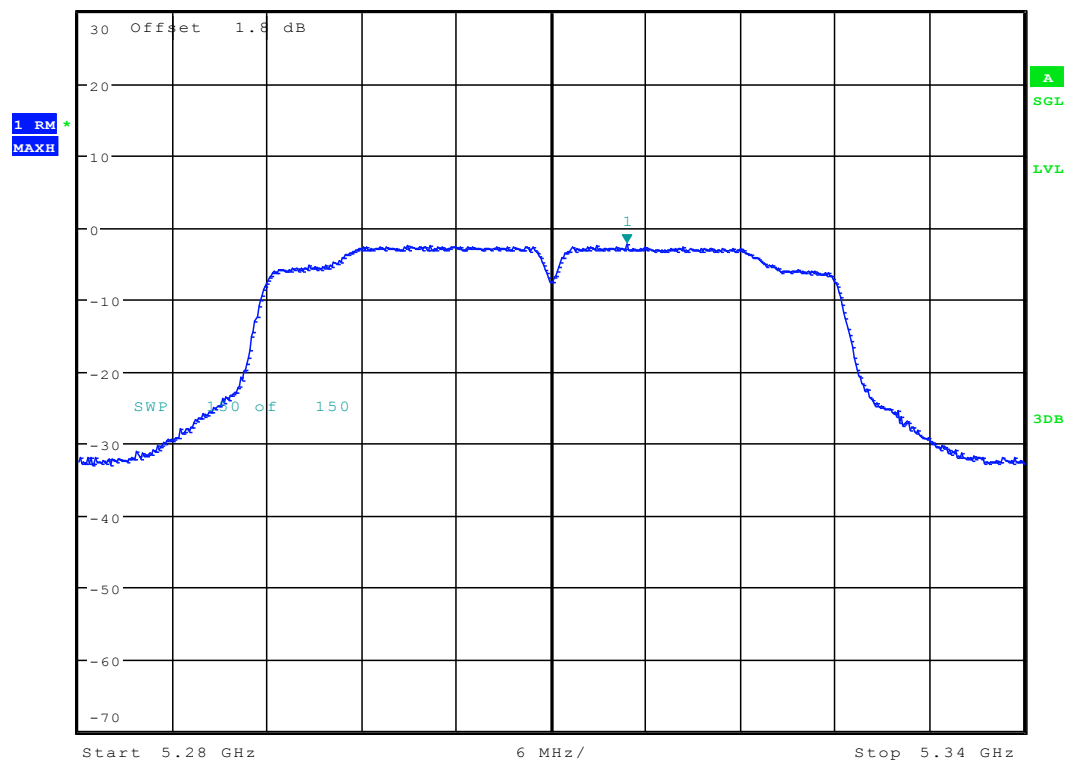
5.314800000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.314800000 GHz



Date: 26.JAN.2018 18:32:17

11.134 11AC40_62 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.39 dBm

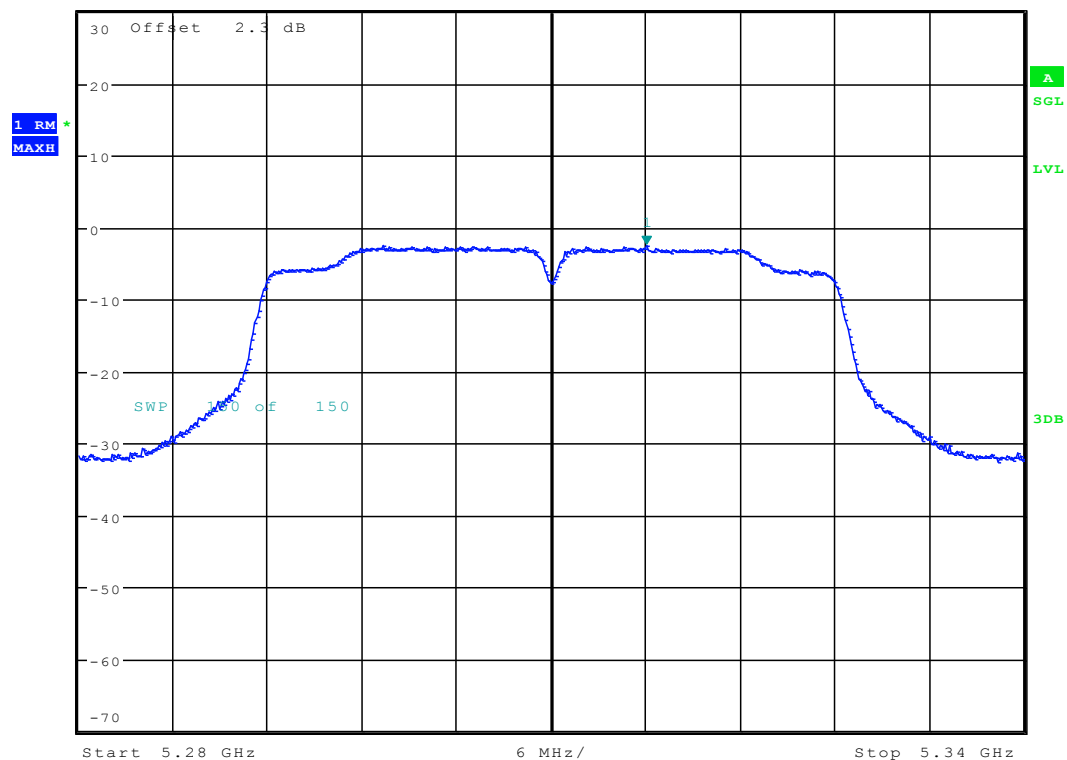
5.316100000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.316100000 GHz



Date: 26.JAN.2018 17:36:12

11.135 11AC40_102 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-1.77 dBm

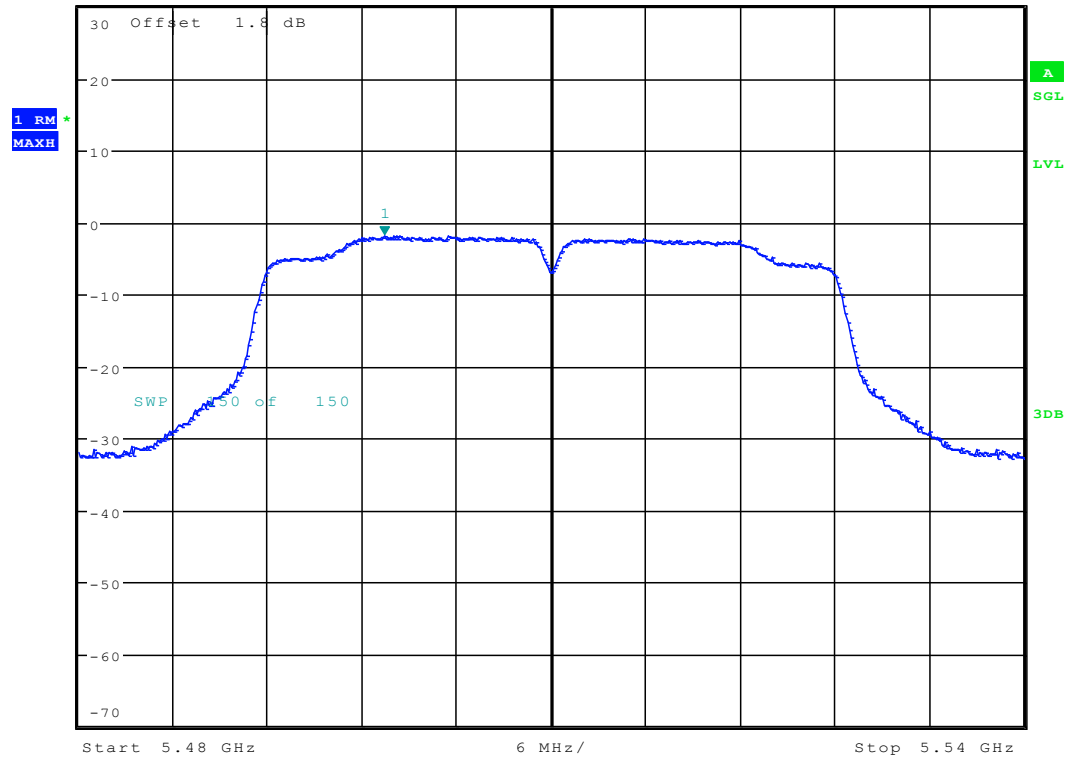
5.499400000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.499400000 GHz



Date: 22.JAN.2018 17:12:02

11.136 11AC40_102 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

6.66 dBm

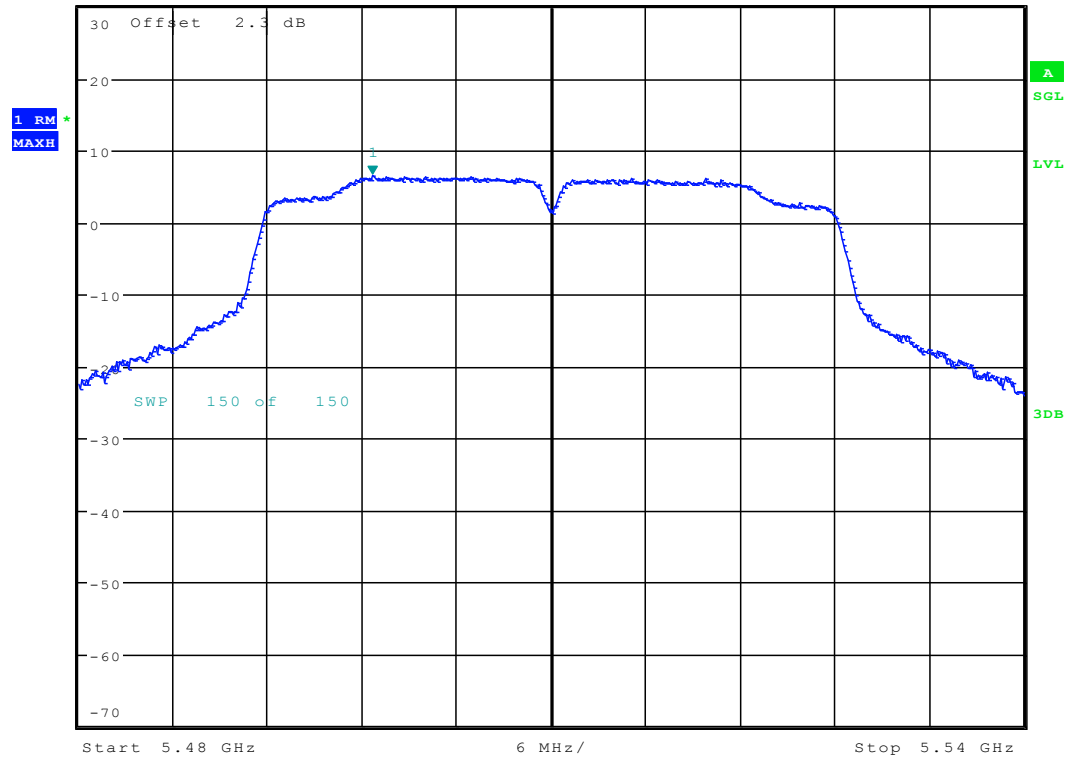
5.498700000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.498700000 GHz



Date: 26.JAN.2018 17:39:03

11.137 11AC40_134 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.54 dBm

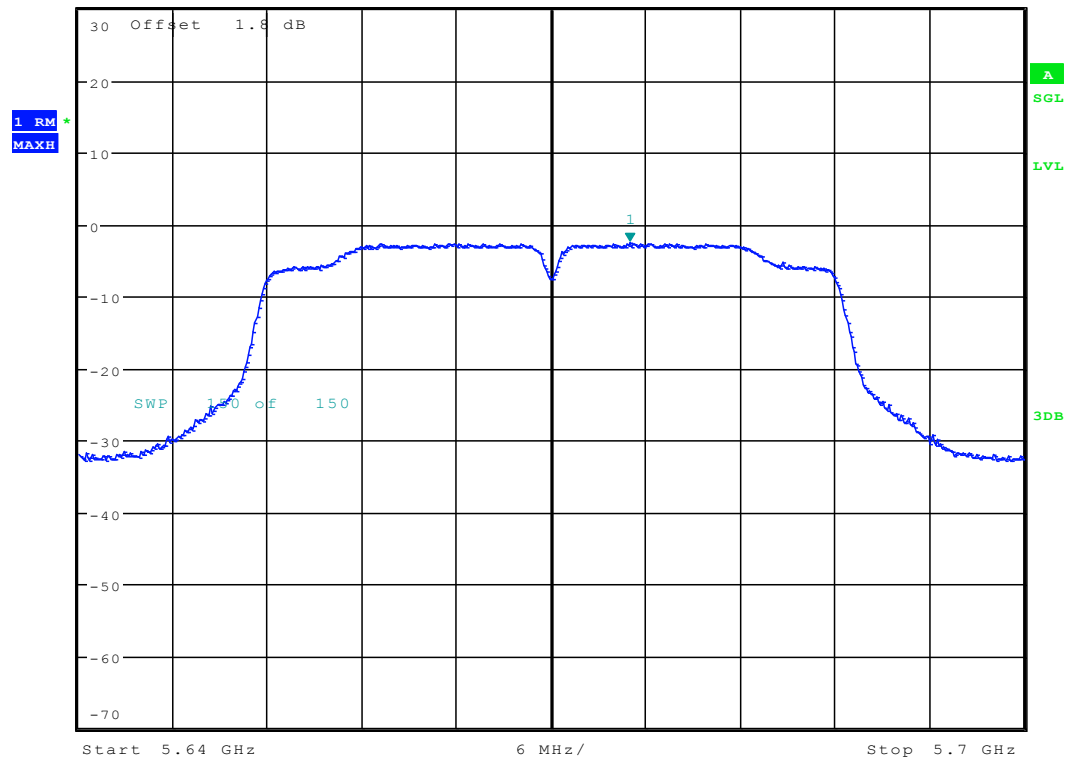
5.675000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.675000000 GHz



Date: 22.JAN.2018 17:15:57

11.138 11AC40_134 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-1.79 dBm

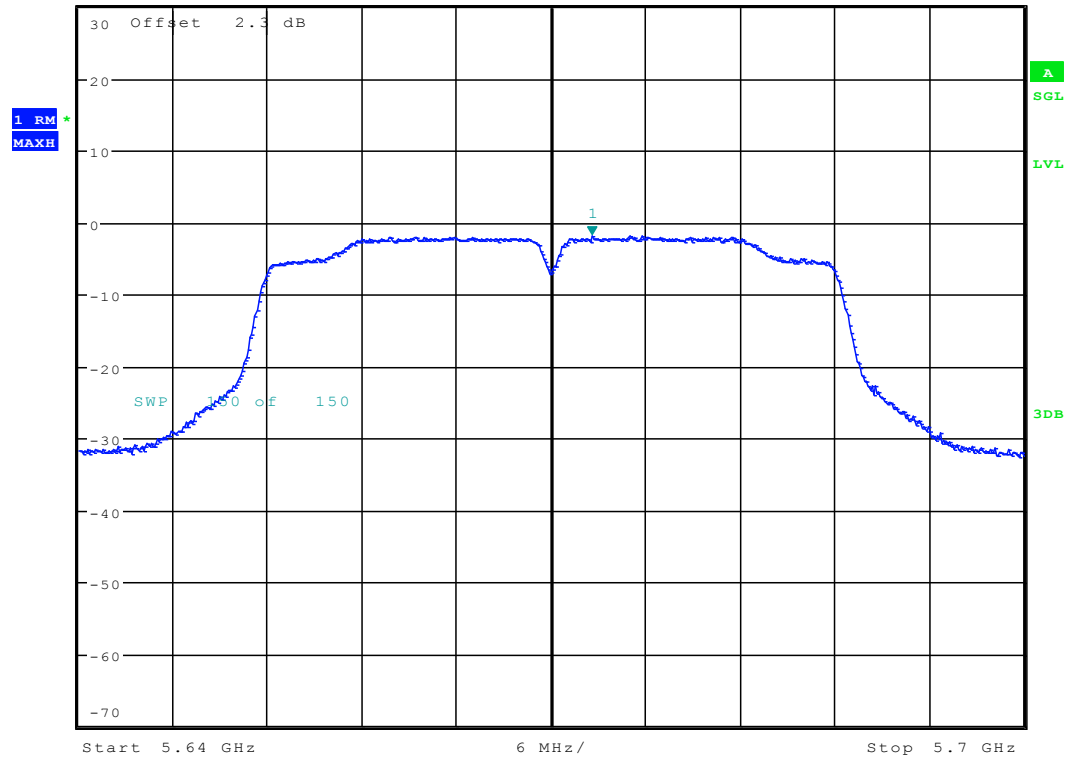
5.672600000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.672600000 GHz



Date: 26.JAN.2018 17:41:48

11.139 11AC40_142 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.25 dBm

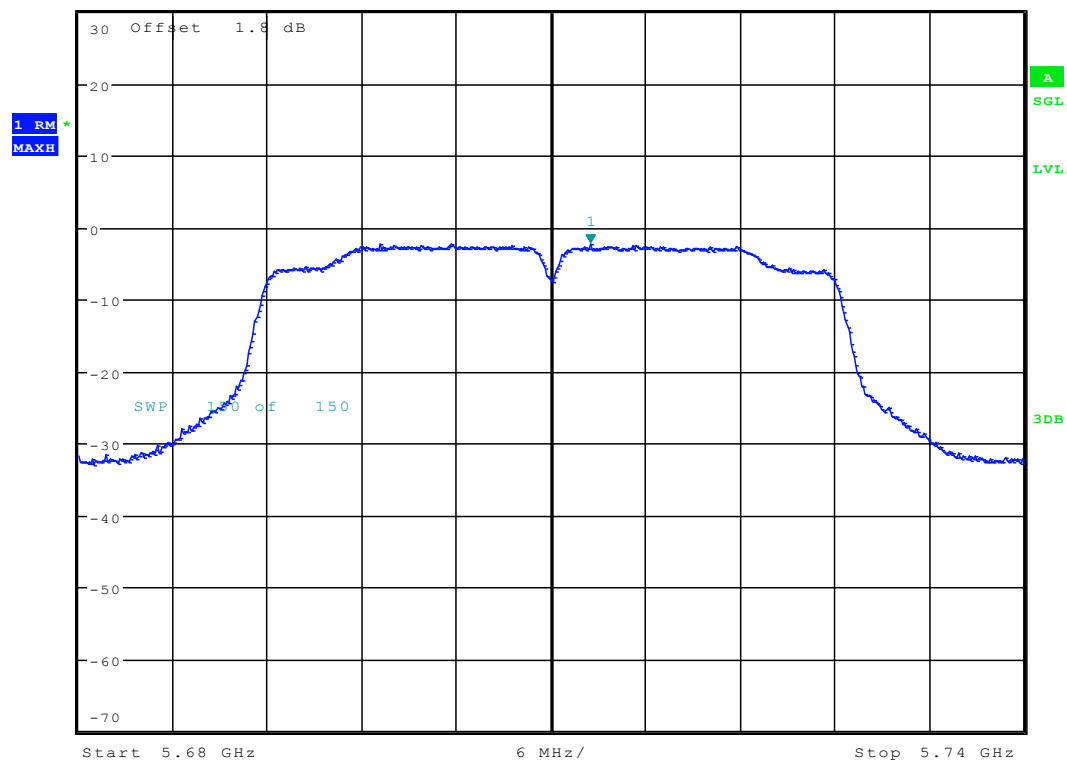
5.712500000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.712500000 GHz



Date: 22.JAN.2018 17:19:19

11.140 11AC40_142 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-2.04 dBm

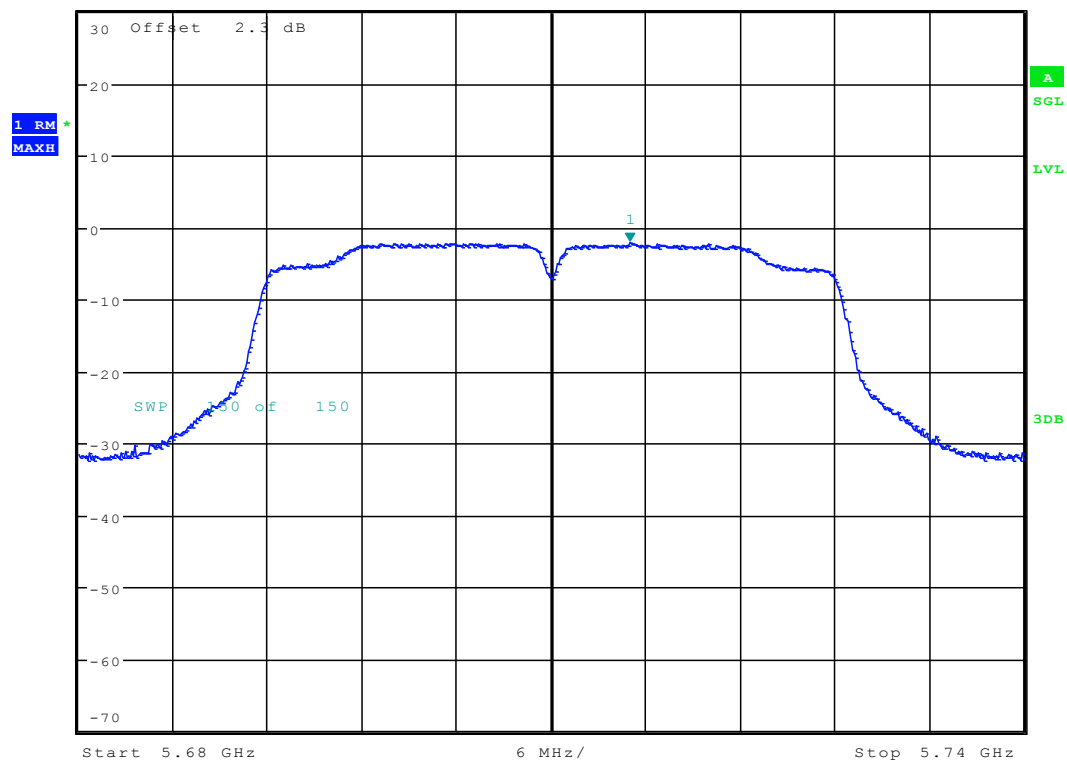
5.715000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.715000000 GHz

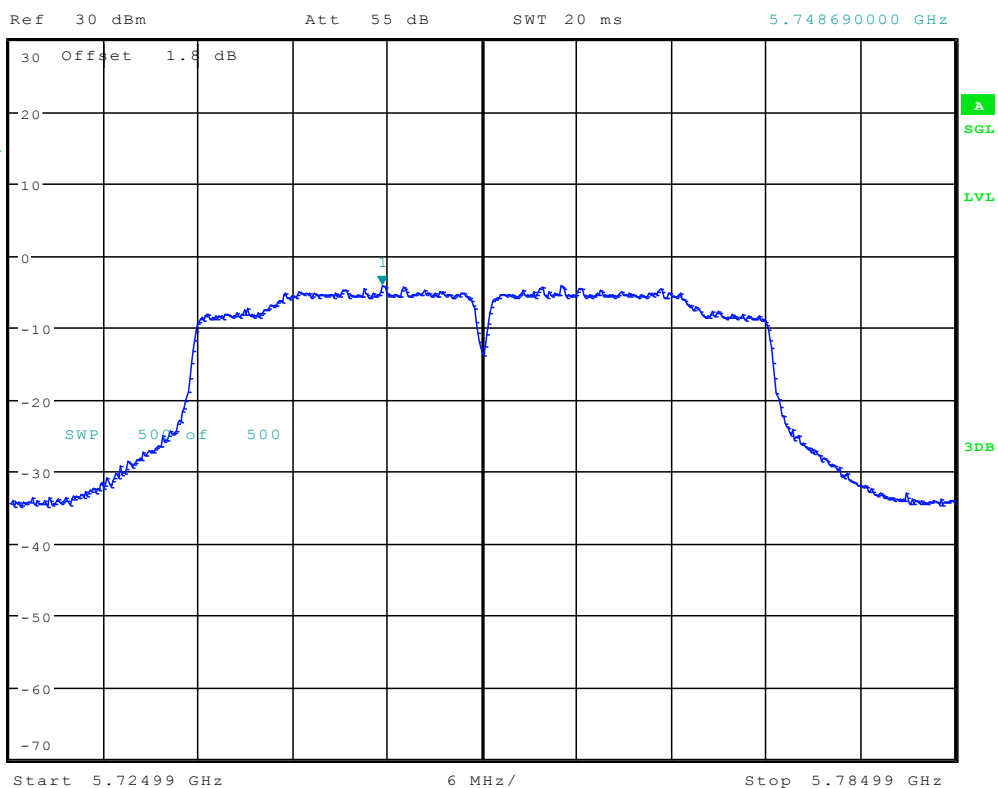


Date: 26.JAN.2018 17:44:28

11.141 11AC40_151 ANT 1



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz -4.07 dBm
SWT 20 ms 5.748690000 GHz

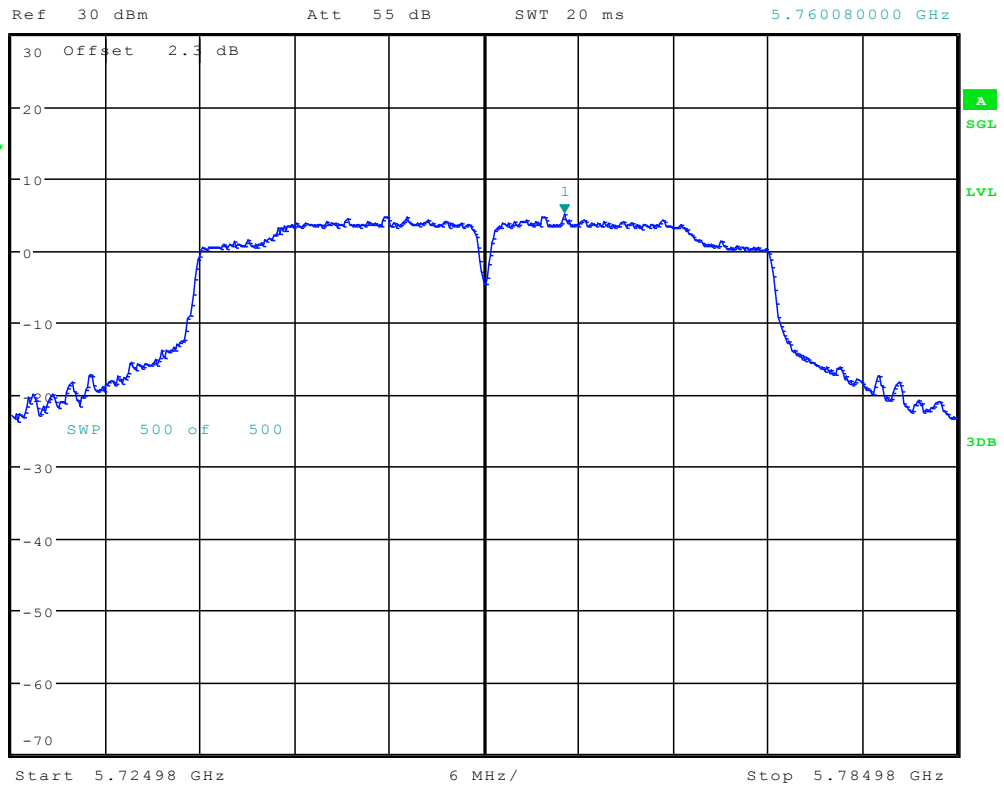


Date: 22.JAN.2018 17:22:40

11.142 11AC40_151 ANT 2



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz 5.00 dBm
SWT 20 ms 5.760080000 GHz

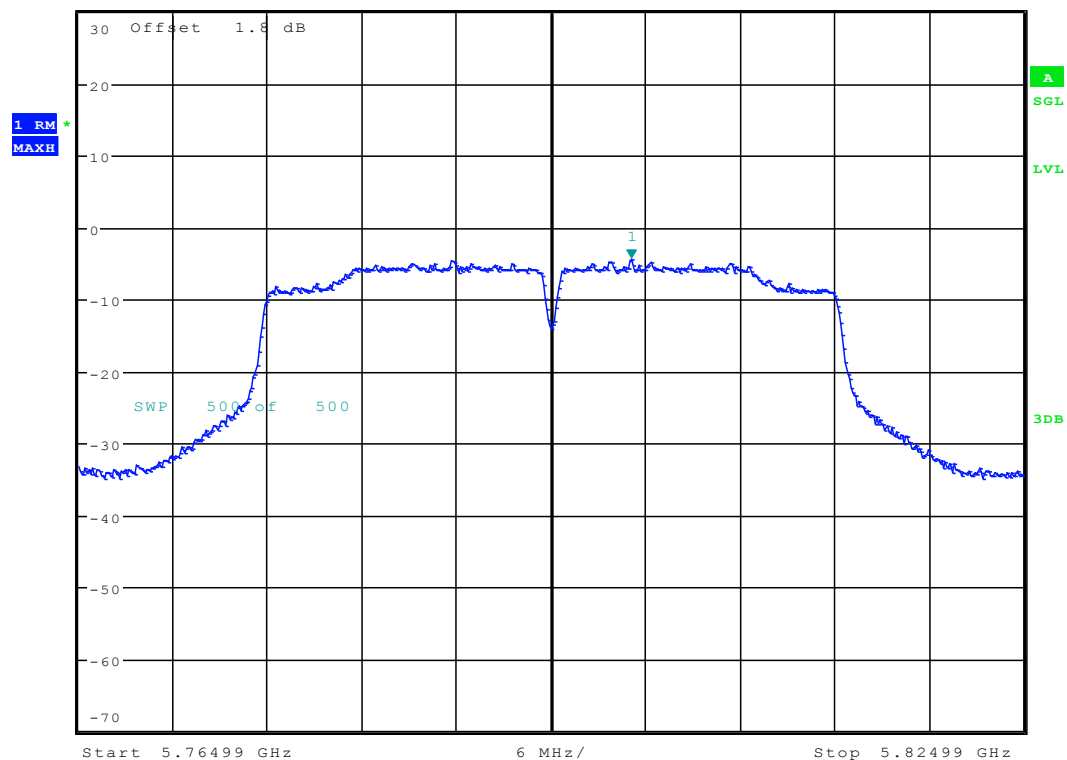


Date: 26.JAN.2018 17:47:47

11.143 11AC40_159 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -4.44 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.800090000 GHz

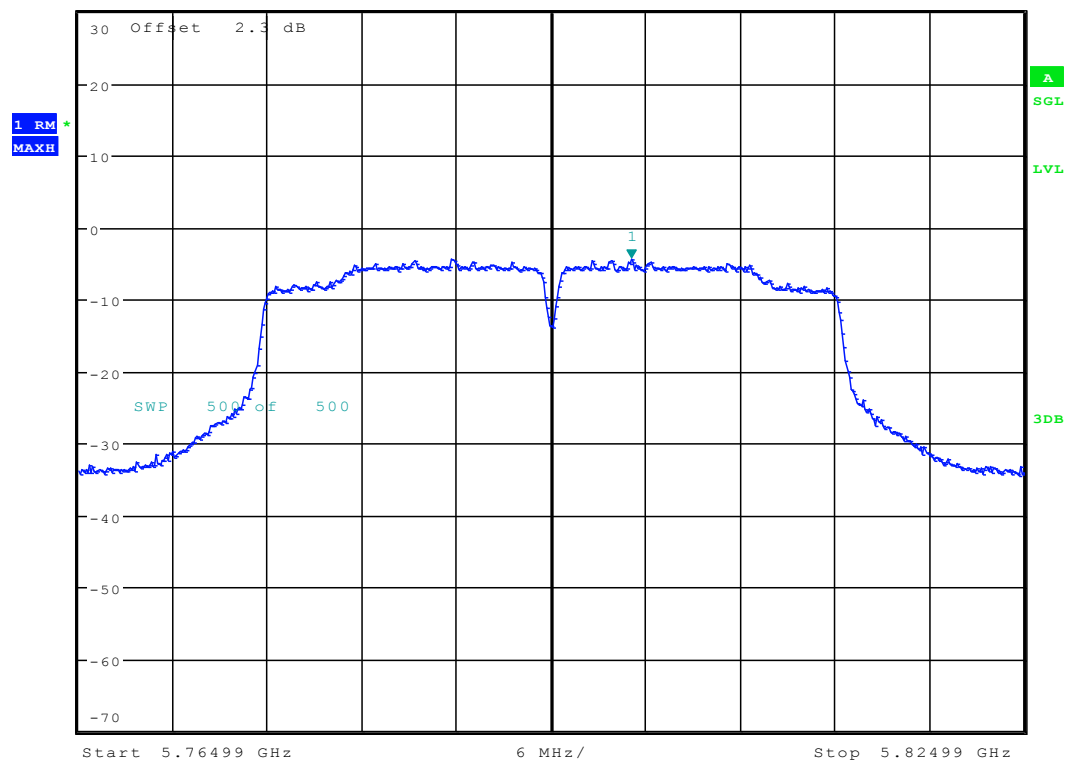


Date: 22.JAN.2018 17:25:51

11.144 11AC40_159 ANT 2



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz -4.38 dBm
Ref 30 dBm Att 55 dB SWT 20 ms 5.800090000 GHz



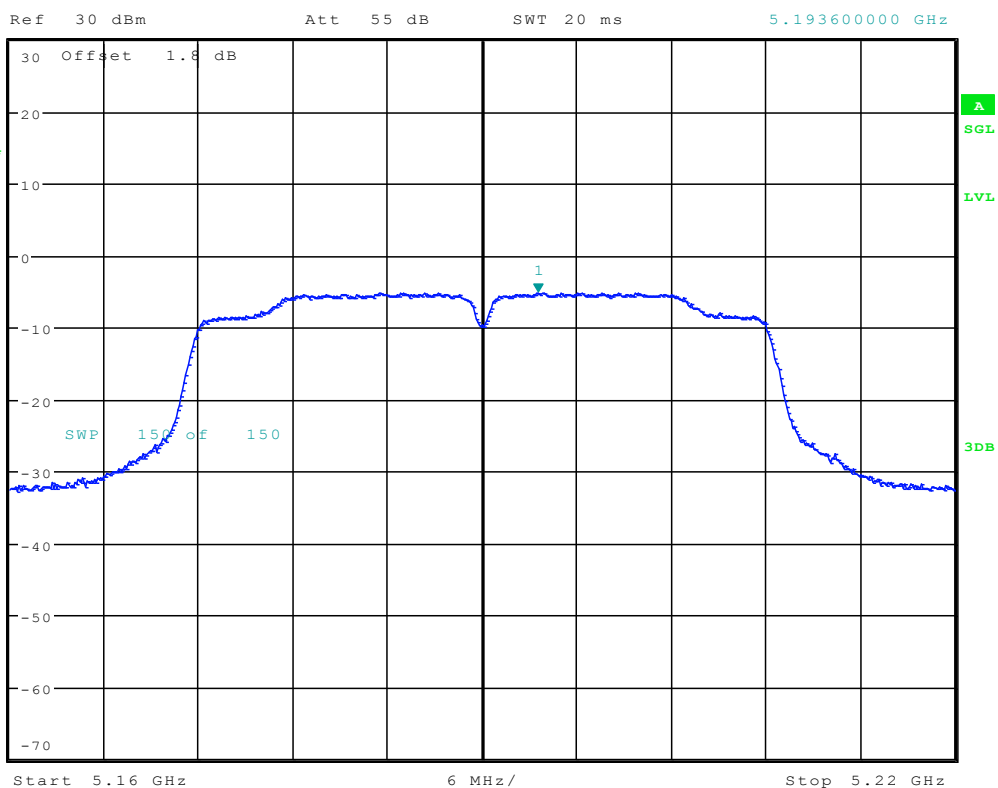
Date: 26.JAN.2018 17:52:17

11.145 11AC40MIMO_38 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-5.11 dBm
5.193600000 GHz



Date: 23.JAN.2018 16:07:18



Ref	30 dBm	Att	55 dB	SWT	20 ms	5.187800000 GHz
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Date: 26.JAN.2018 15:56:38

11.147 11AC40MIMO_46 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-5.13 dBm

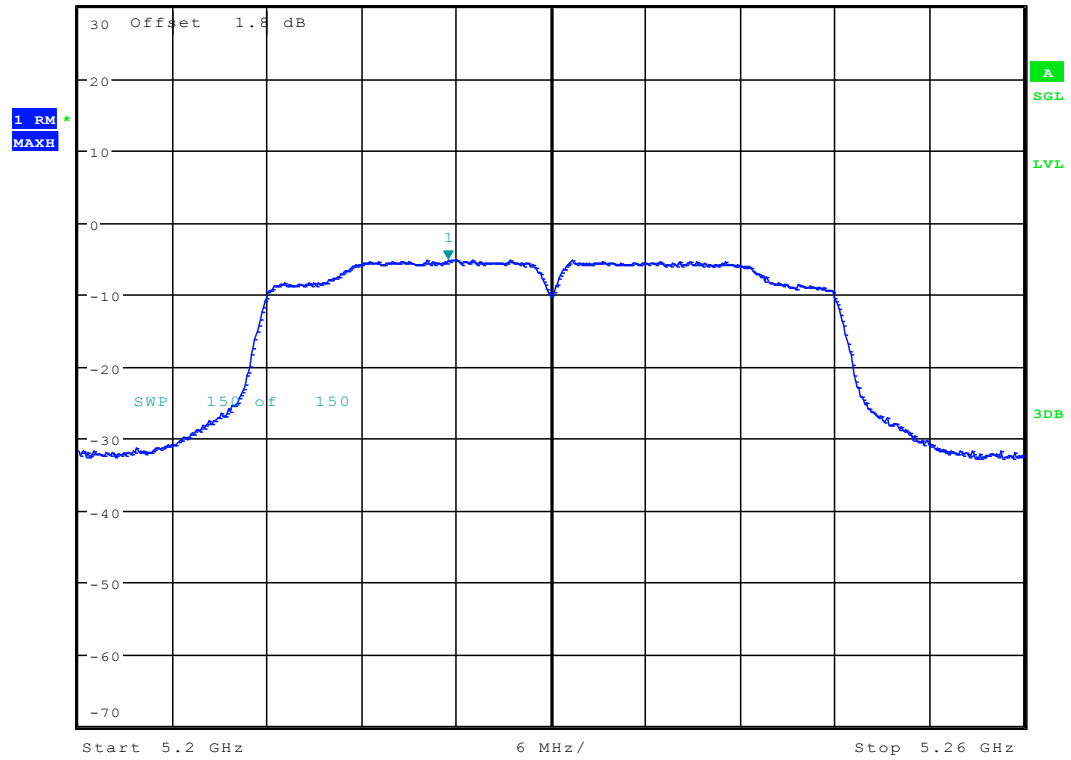
5.223500000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.223500000 GHz



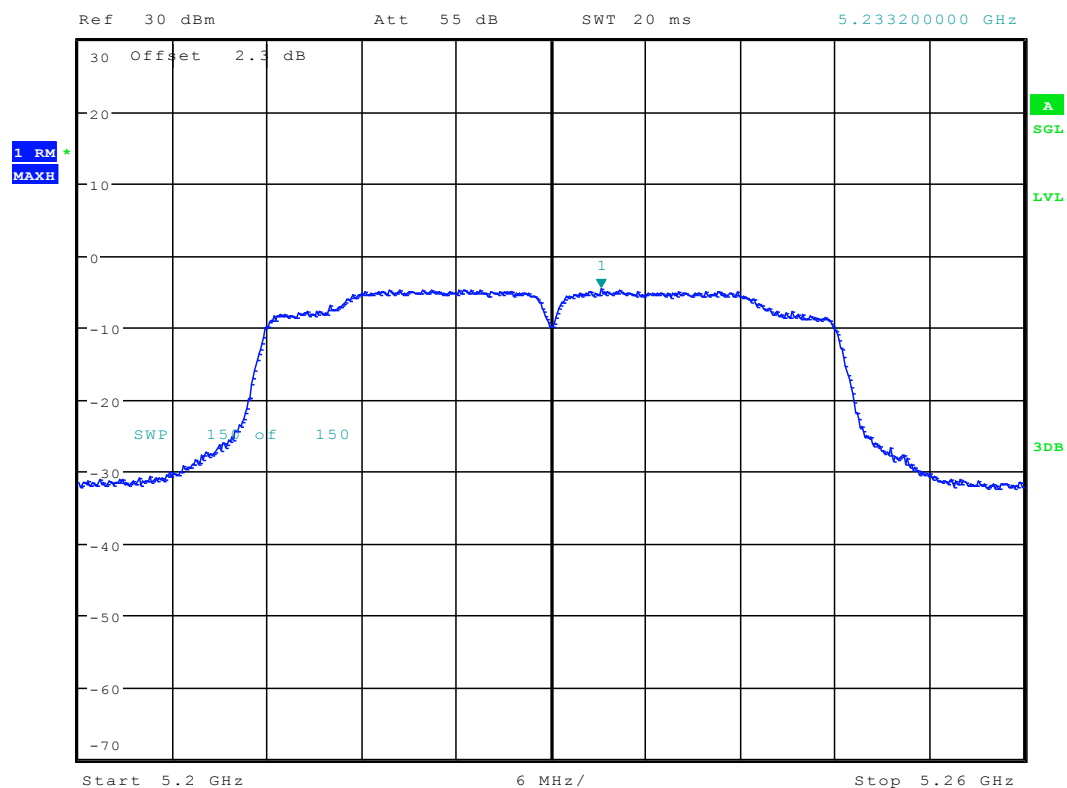
Date: 23.JAN.2018 16:09:46

11.148 11AC40MIMO_46 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-4.52 dBm
5.233200000 GHz



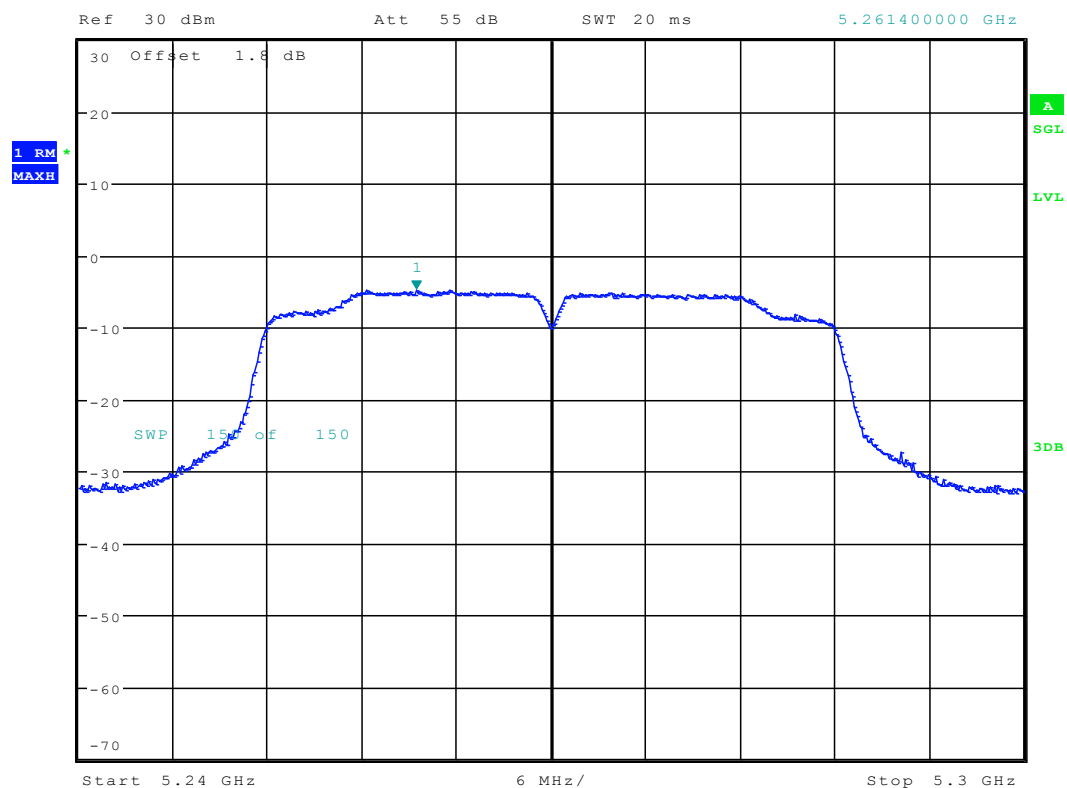
Date: 26.JAN.2018 15:59:13

11.149 11AC40MIMO_54 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-4.78 dBm
5.261400000 GHz



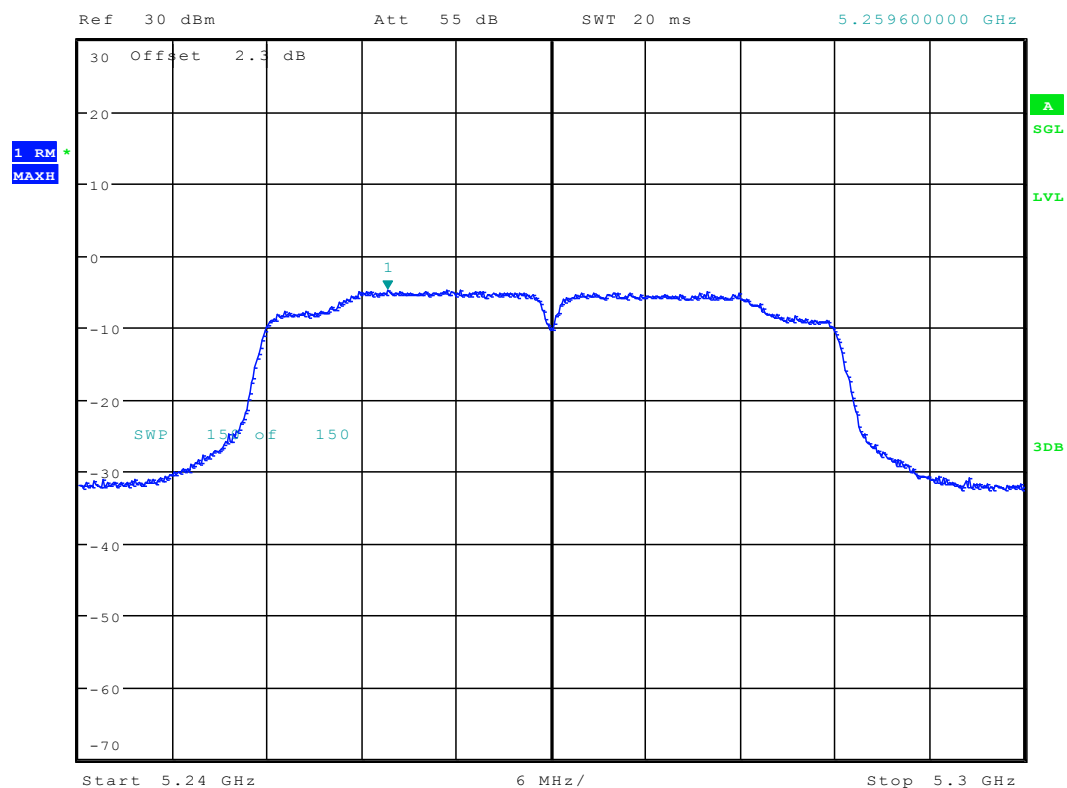
Date: 23.JAN.2018 16:12:43

11.150 11AC40MIMO_54 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-4.71 dBm
5.259600000 GHz



Date: 26.JAN.2018 16:04:28

11.151 11AC40MIMO_62 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-4.67 dBm

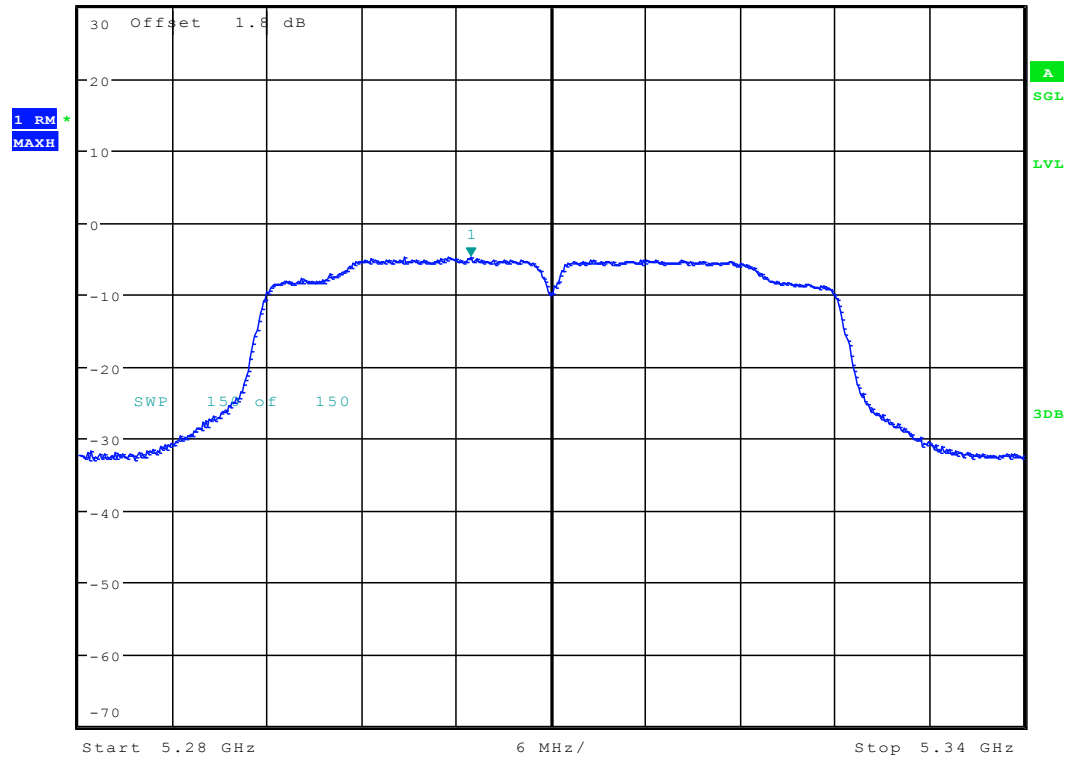
5.304900000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.304900000 GHz



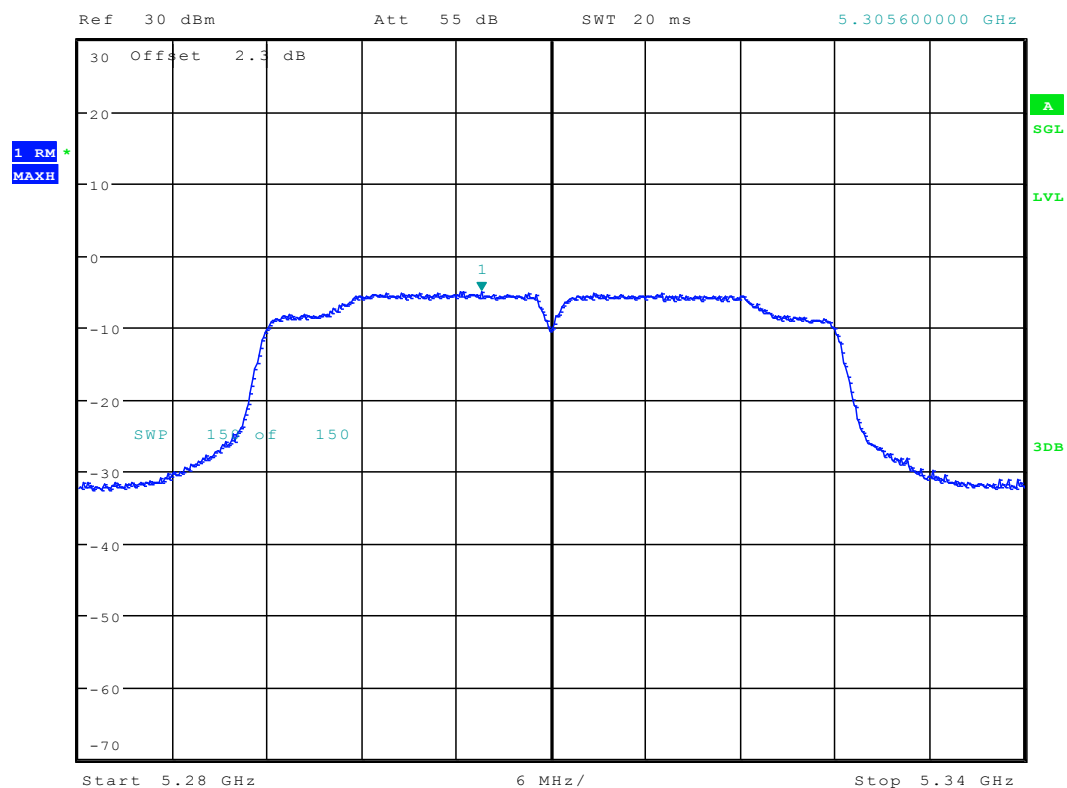
Date: 23.JAN.2018 16:15:14

11.152 11AC40MIMO_62 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-4.93 dBm
5.305600000 GHz



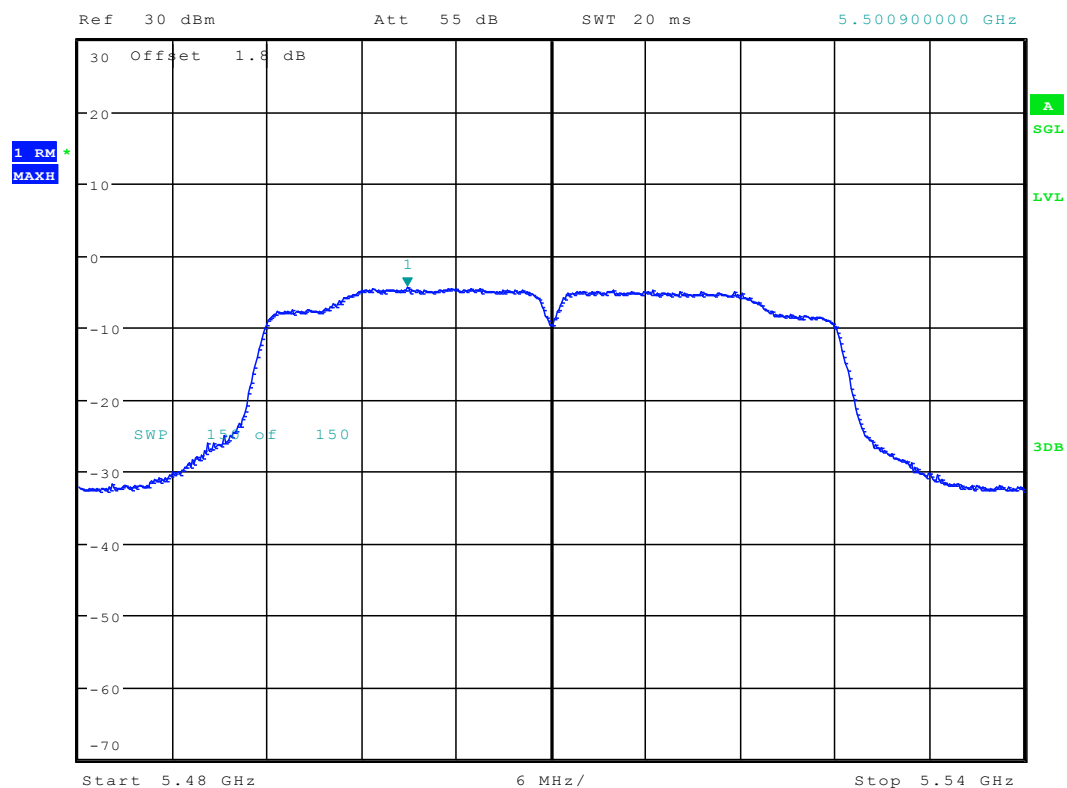
Date: 26.JAN.2018 16:07:03

11.153 11AC40MIMO_102 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-4.30 dBm
5.500900000 GHz



Date: 23.JAN.2018 16:17:52

11.154 11AC40MIMO_102 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-3.90 dBm

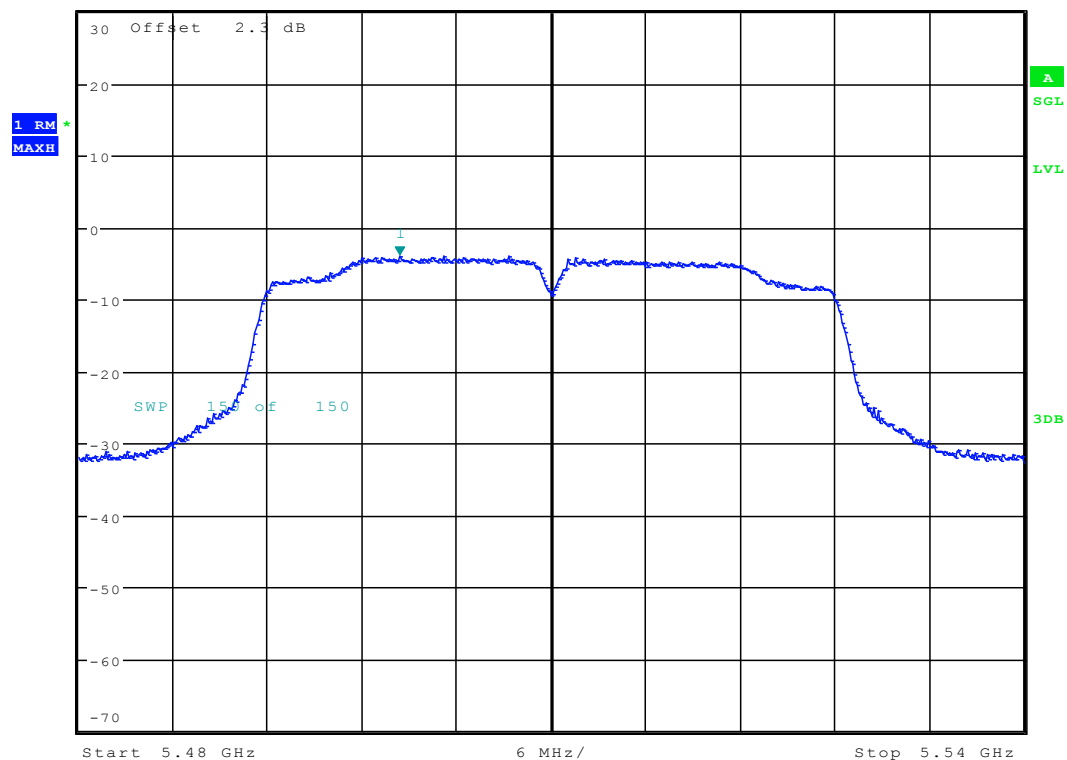
5.500400000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.500400000 GHz



Date: 26.JAN.2018 16:09:47

11.155 11AC40MIMO_134 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-5.07 dBm

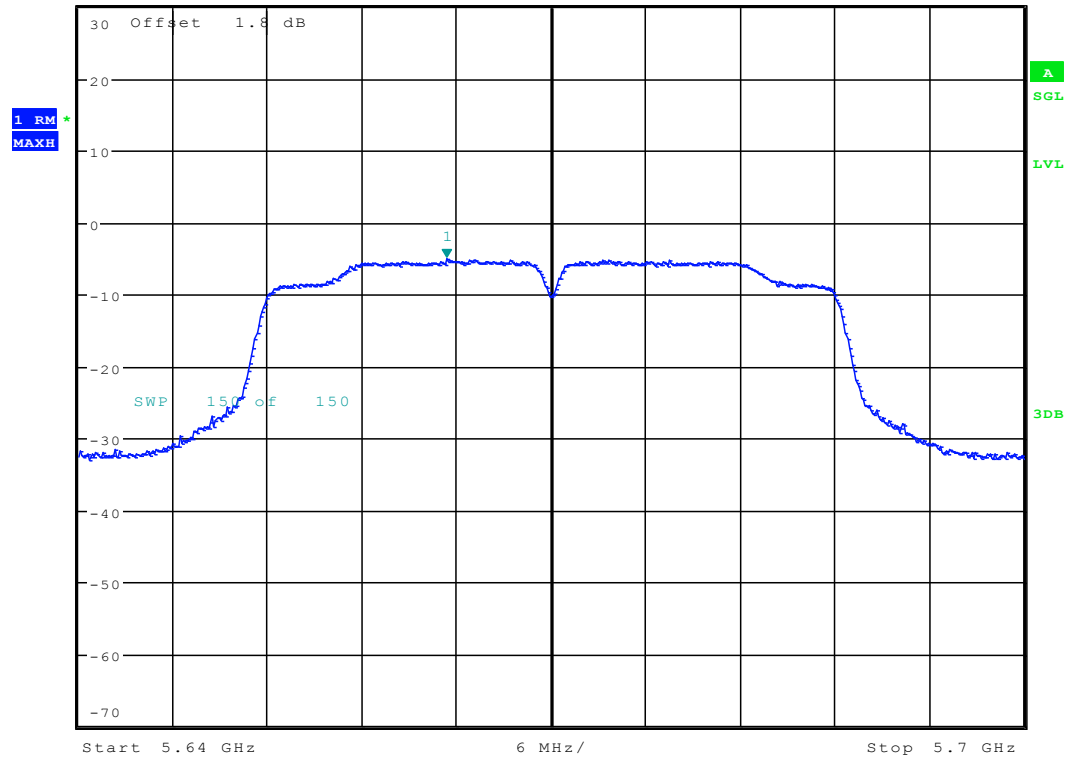
5.663400000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.663400000 GHz



Date: 23.JAN.2018 16:20:14

11.156 11AC40MIMO_134 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-4.17 dBm

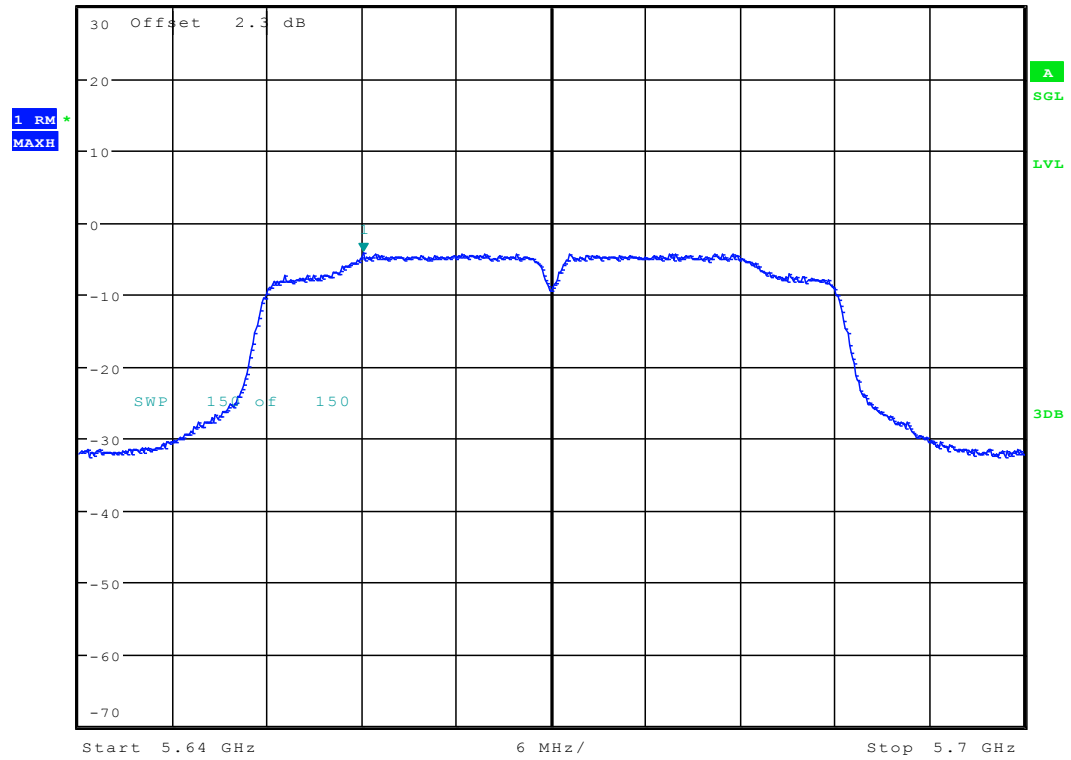
5.658100000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.658100000 GHz



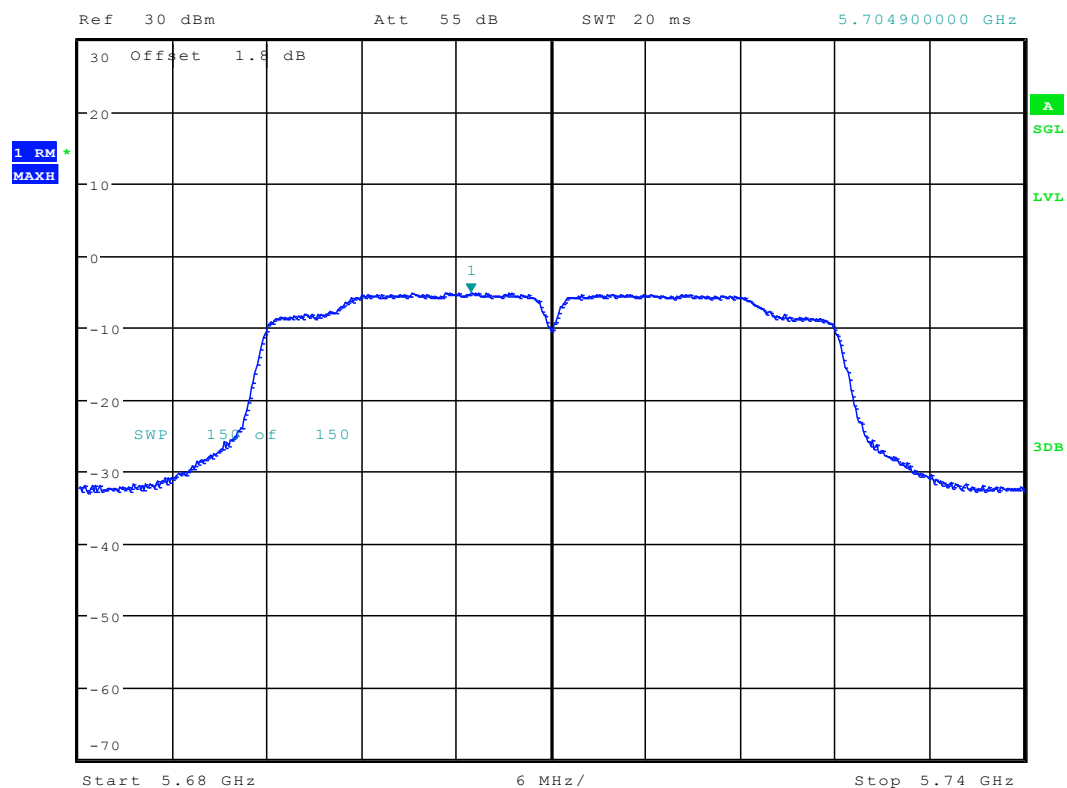
Date: 26.JAN.2018 16:12:11

11.157 11AC40MIMO_142 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-5.17 dBm
5.704900000 GHz



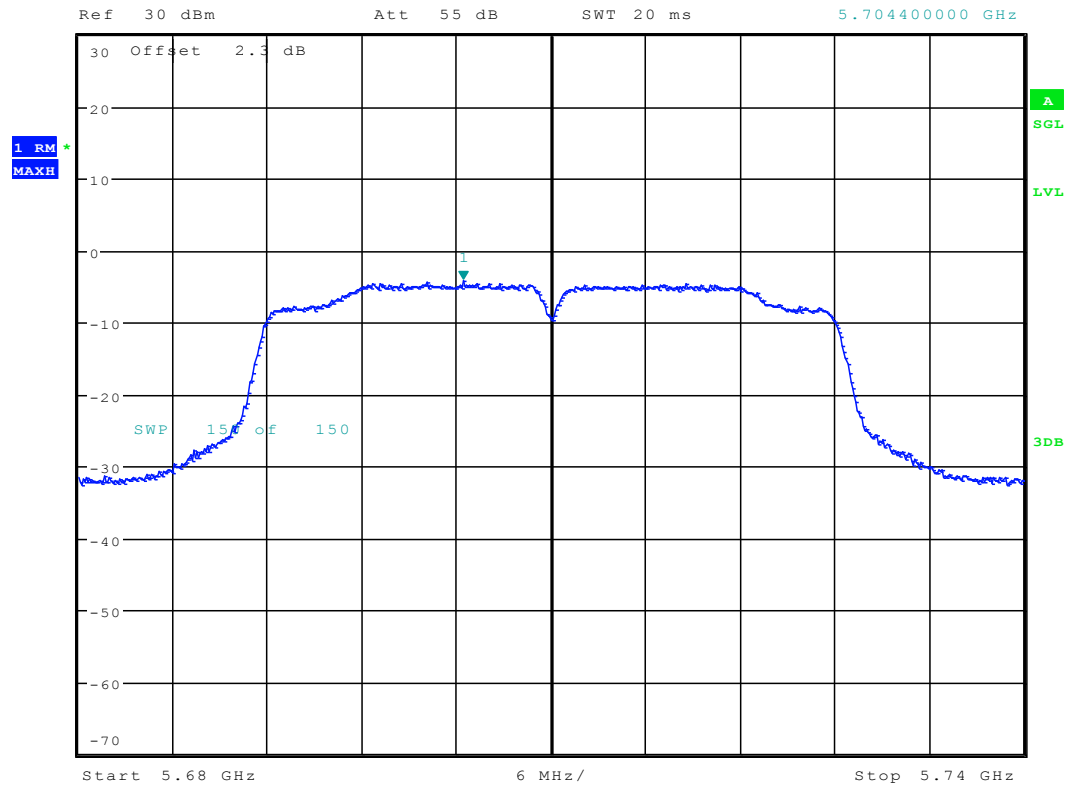
Date: 23.JAN.2018 16:22:42

11.158 11AC40MIMO_142 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-4.23 dBm
5.704400000 GHz

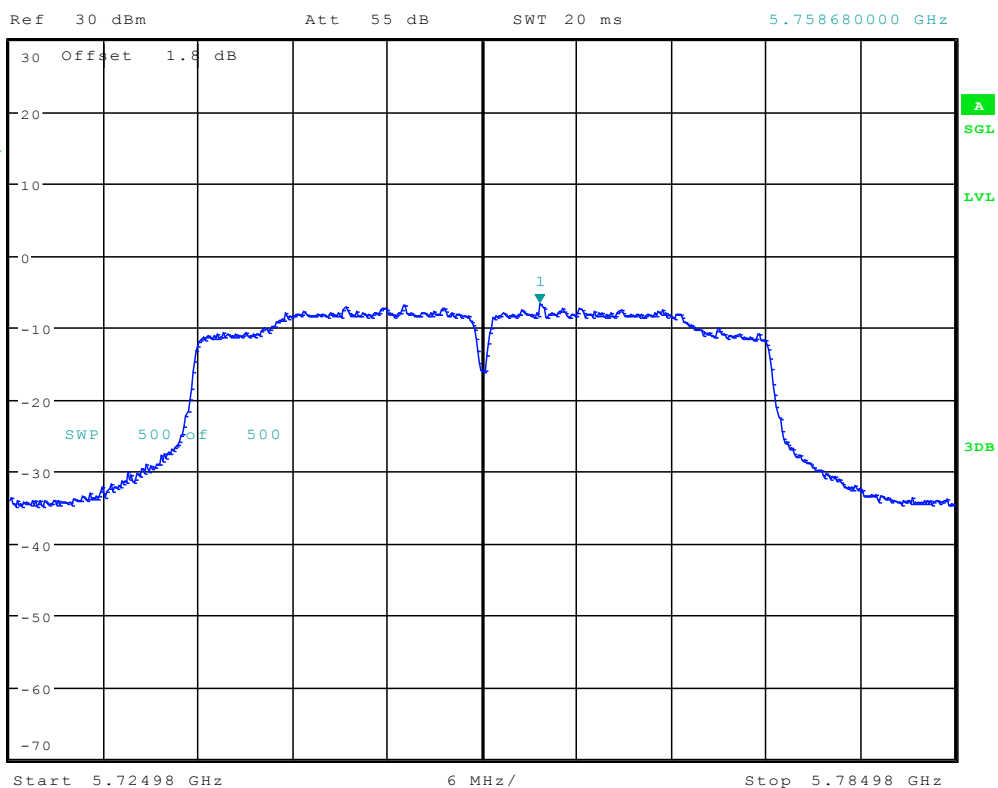


Date: 26.JAN.2018 16:14:27

11.159 11AC40MIMO_151 ANT 1



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz -6.69 dBm
SWT 20 ms 5.758680000 GHz

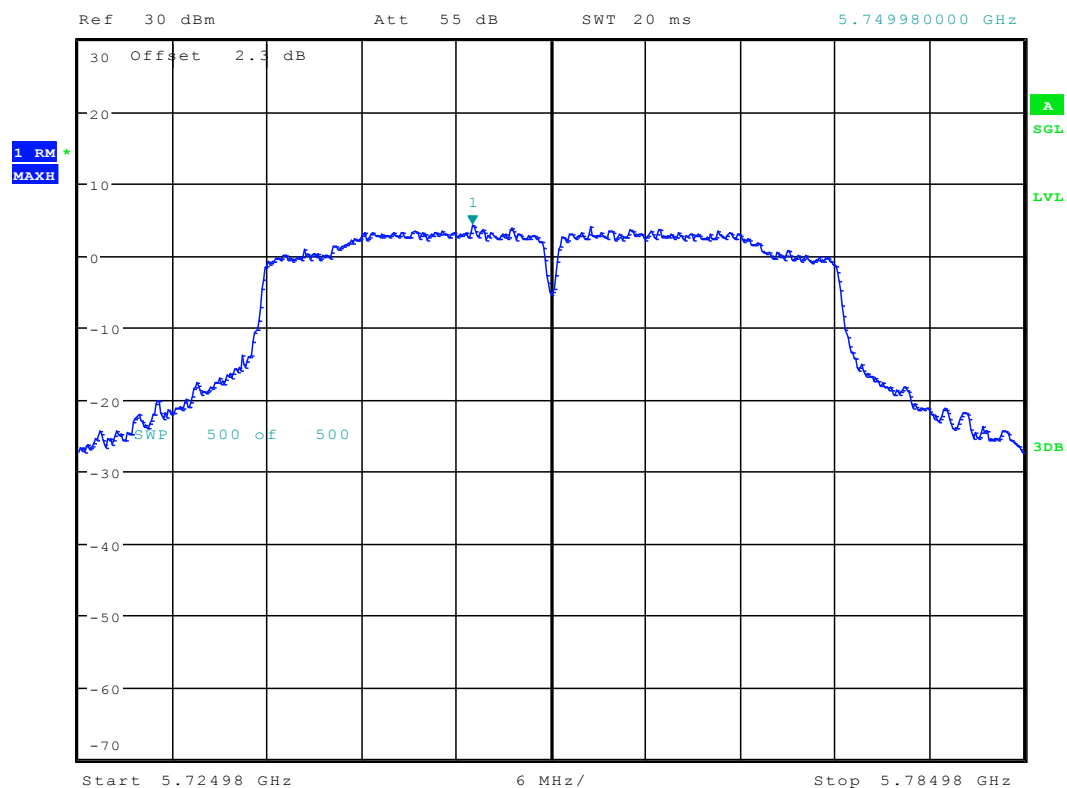


Date: 23.JAN.2018 16:28:05

11.160 11AC40MIMO_151 ANT 2



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz 4.21 dBm
 SWT 20 ms 5.749980000 GHz

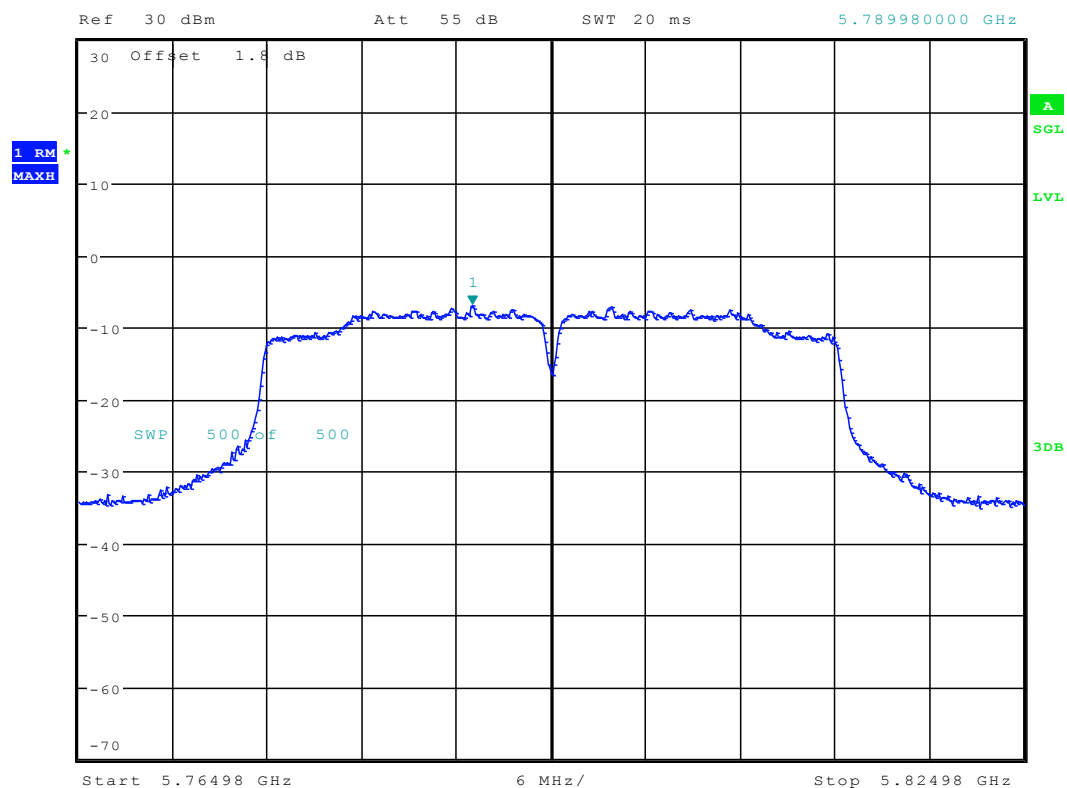


Date: 26.JAN.2018 16:17:39

11.161 11AC40MIMO_159 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -6.86 dBm
 SWT 20 ms 5.789980000 GHz

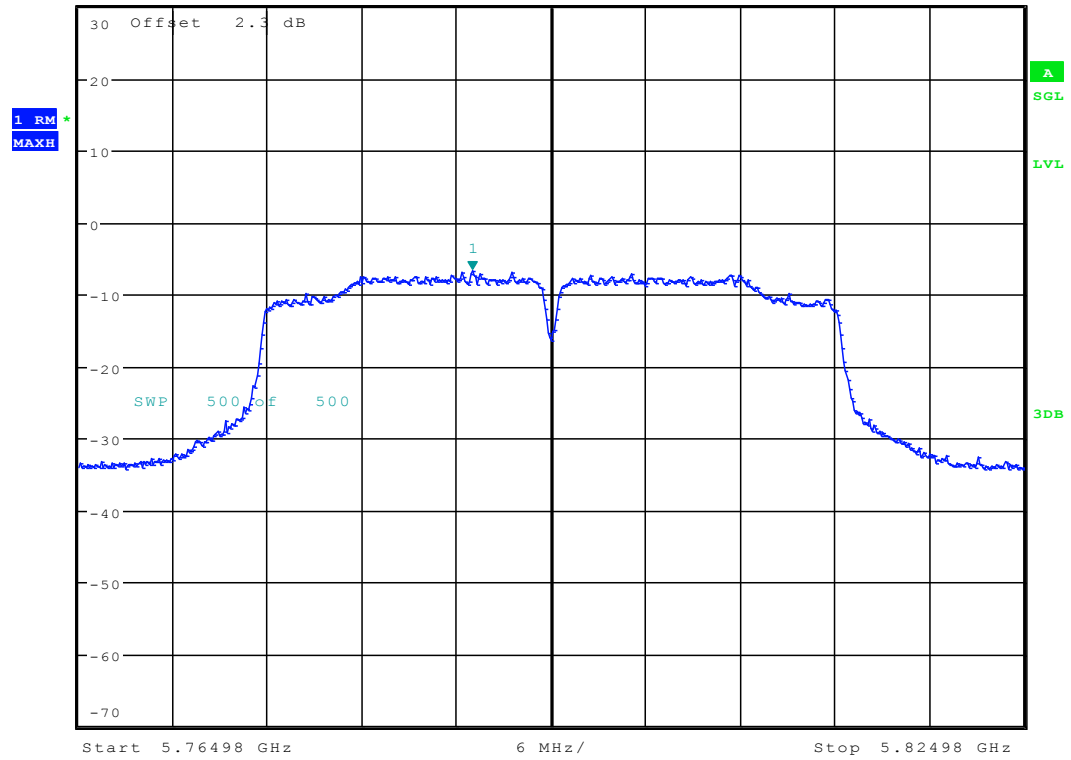


Date: 23.JAN.2018 16:39:34

11.162 11AC40MIMO_159 ANT 2



*RBW 500 kHz Marker 1 [T1]
*VBW 2 MHz -6.66 dBm
SWT 20 ms 5.789980000 GHz



Date: 26.JAN.2018 16:27:07

11.163 11AC80_42 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-4.74 dBm

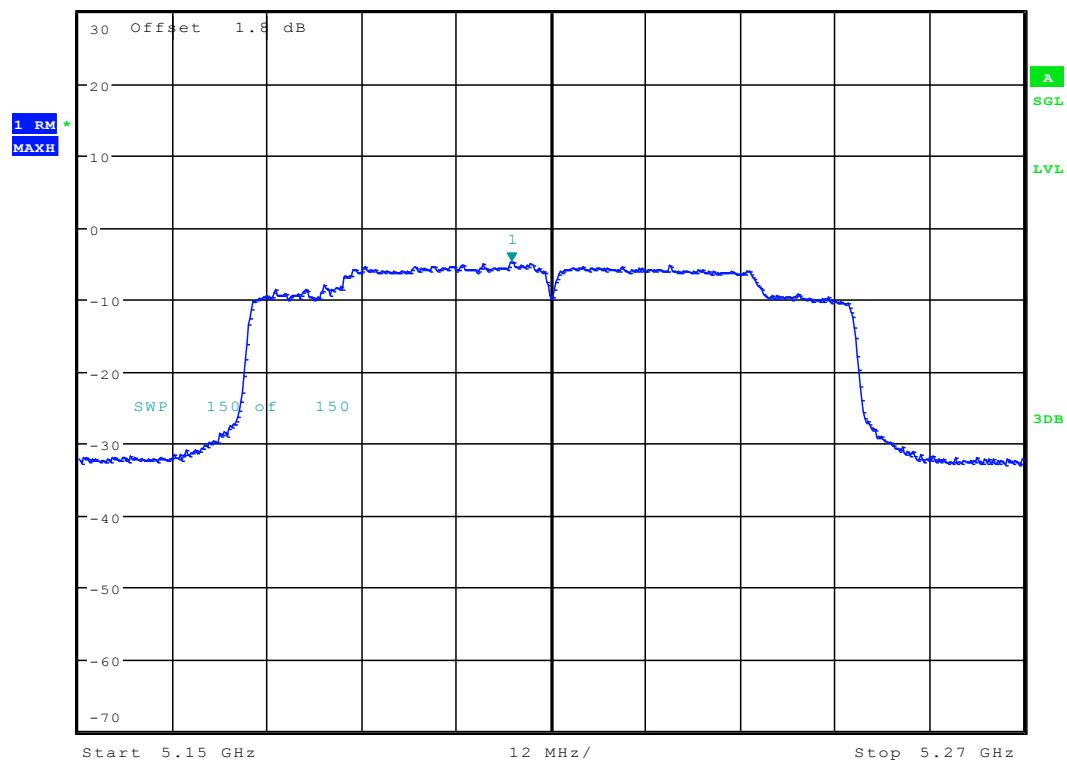
5.205000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.205000000 GHz



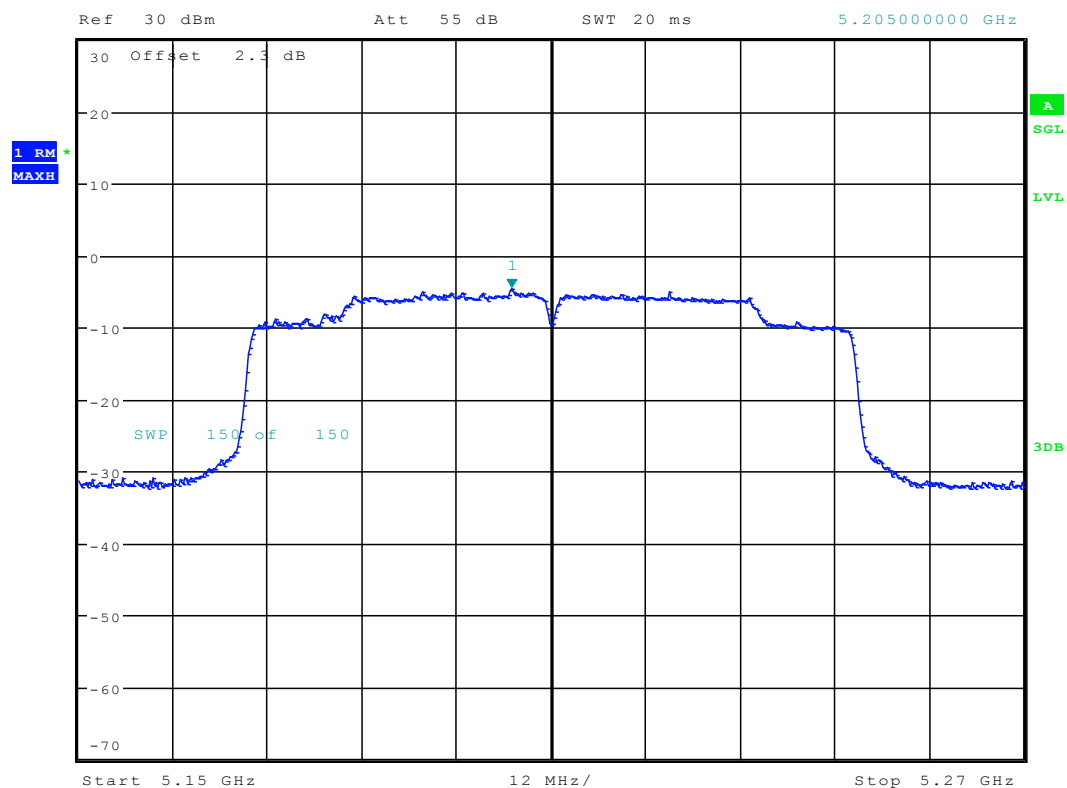
Date: 22.JAN.2018 17:30:32

11.164 11AC80_42 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-4.64 dBm
5.205000000 GHz



Date: 26.JAN.2018 17:56:35

11.165 11AC80_58 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-4.68 dBm

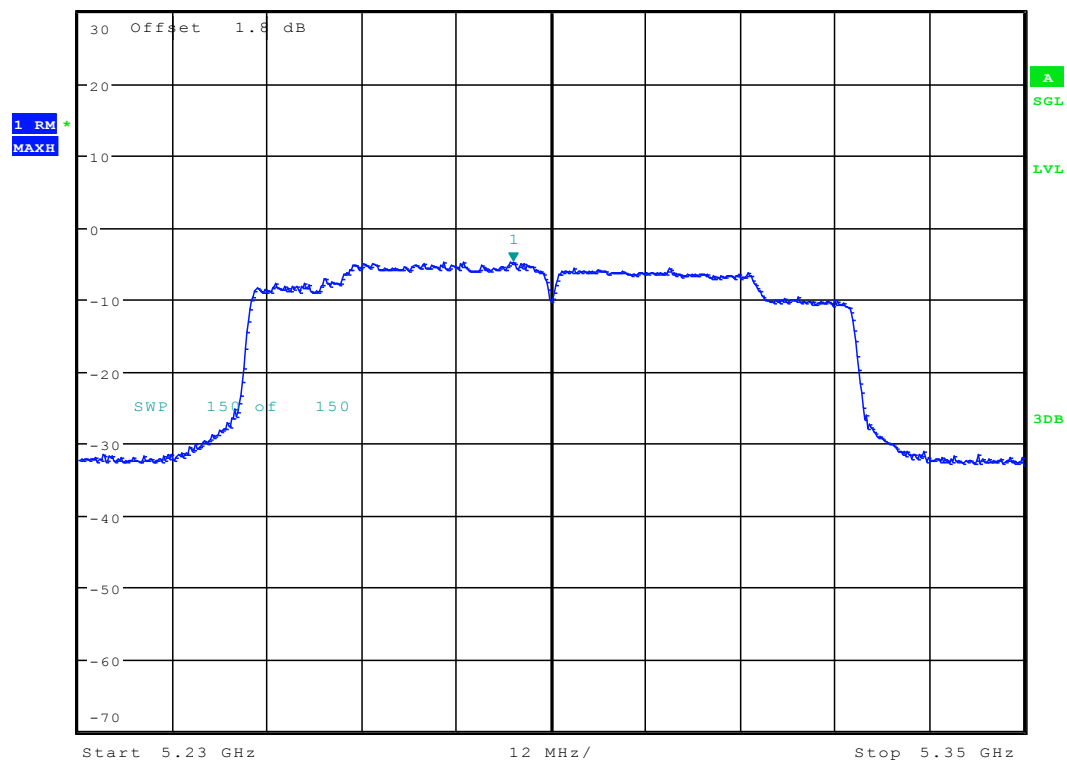
5.285200000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.285200000 GHz



Date: 22.JAN.2018 17:36:00

11.166 11AC80_58 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-4.68 dBm

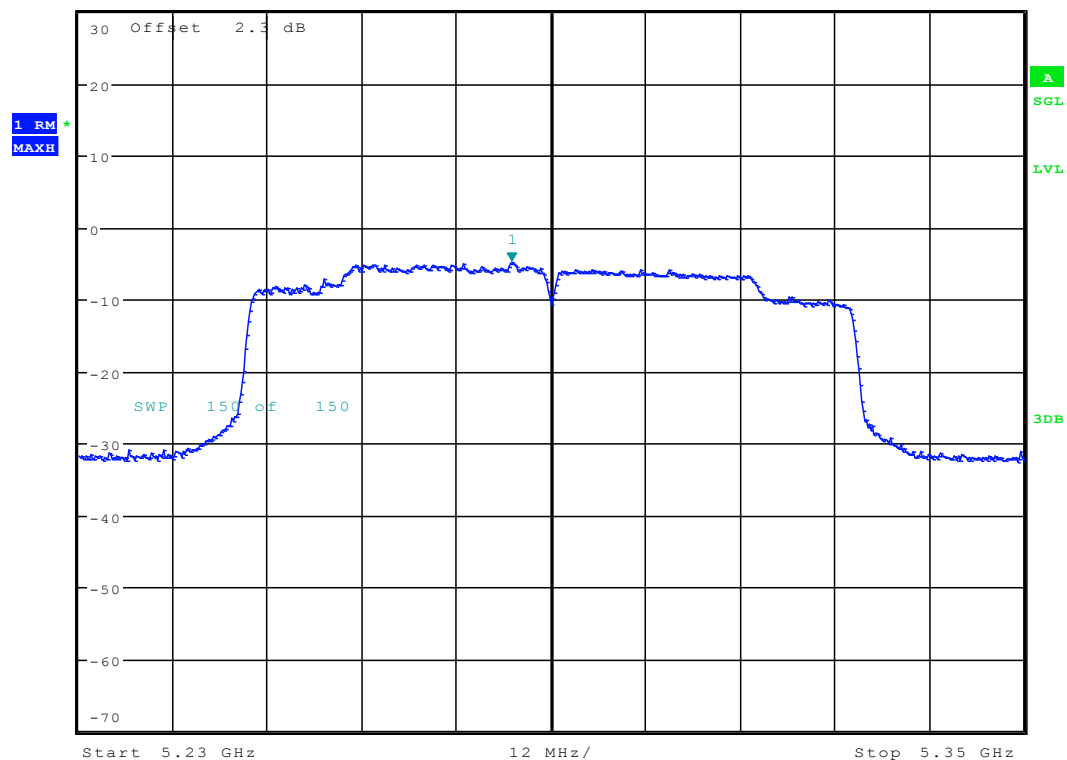
5.285000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.285000000 GHz



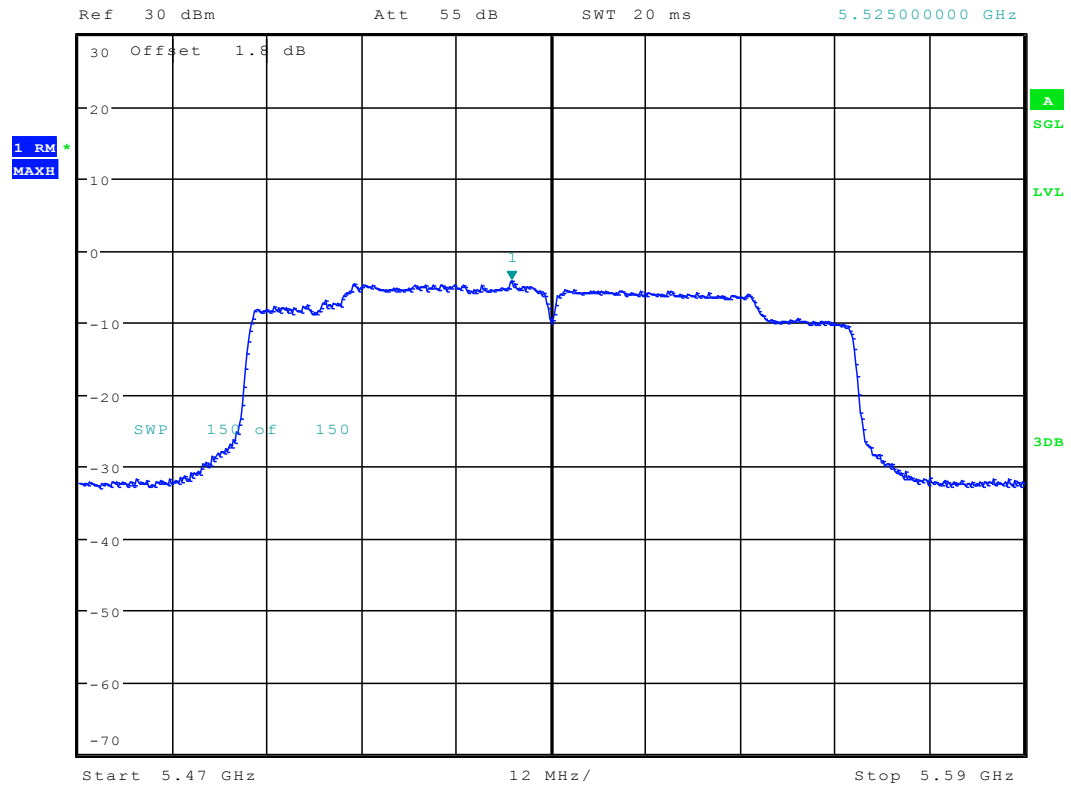
Date: 26.JAN.2018 18:00:32

11.167 11AC80_106 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-4.18 dBm
5.52500000 GHz



Date: 22.JAN.2018 17:40:16

11.168 11AC80_106 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

4.07 dBm

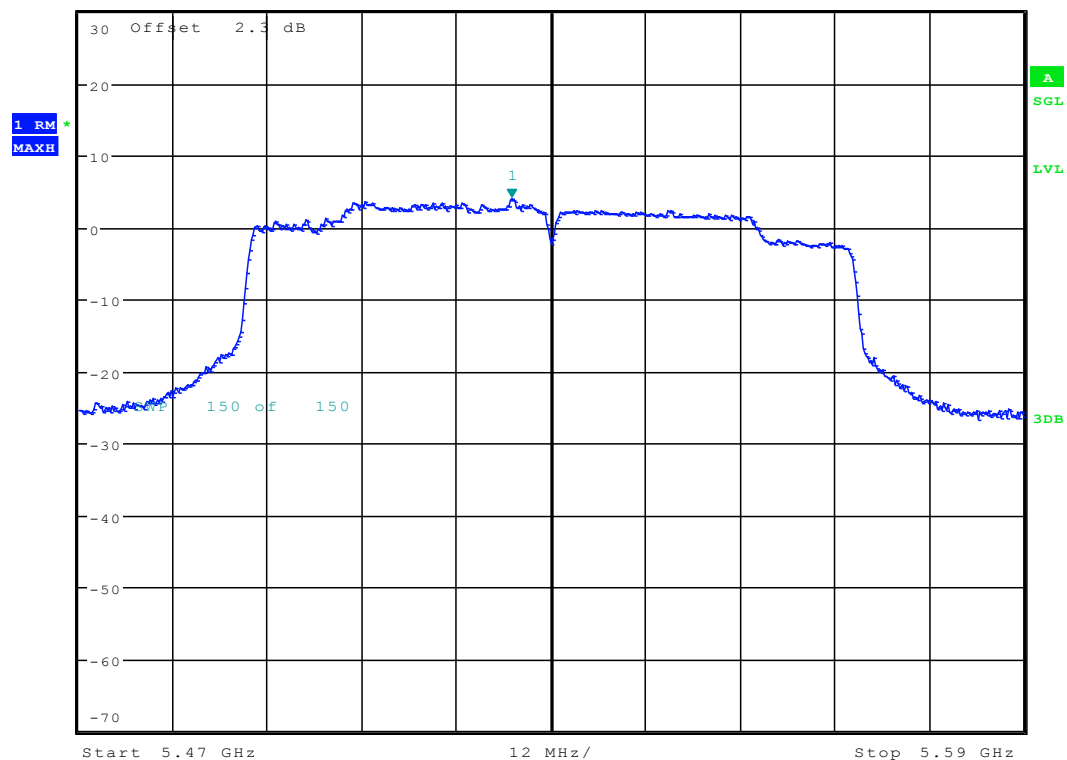
5.525000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.525000000 GHz



Date: 26.JAN.2018 18:04:37



Ref	30 dBm	Att	55 dB	SWT	20 ms	5.685200000 GHz
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Date: 22.JAN.2018 17:48:04

11.170 11AC80_138 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-3.96 dBm

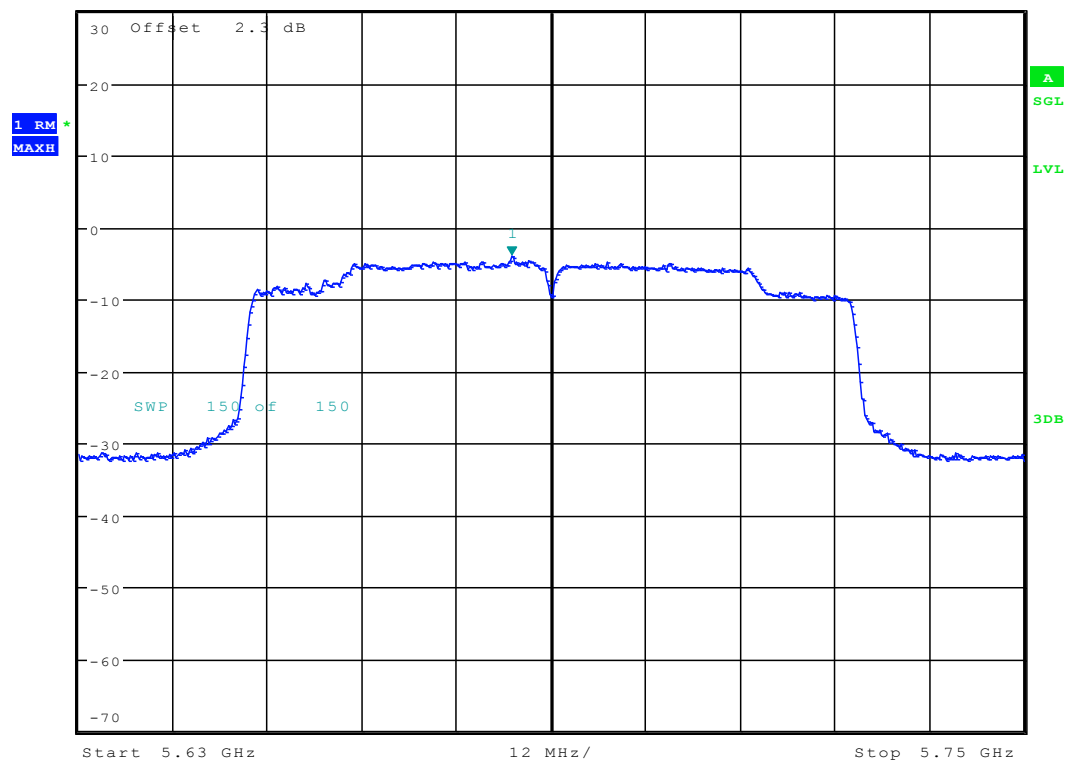
5.685000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.685000000 GHz

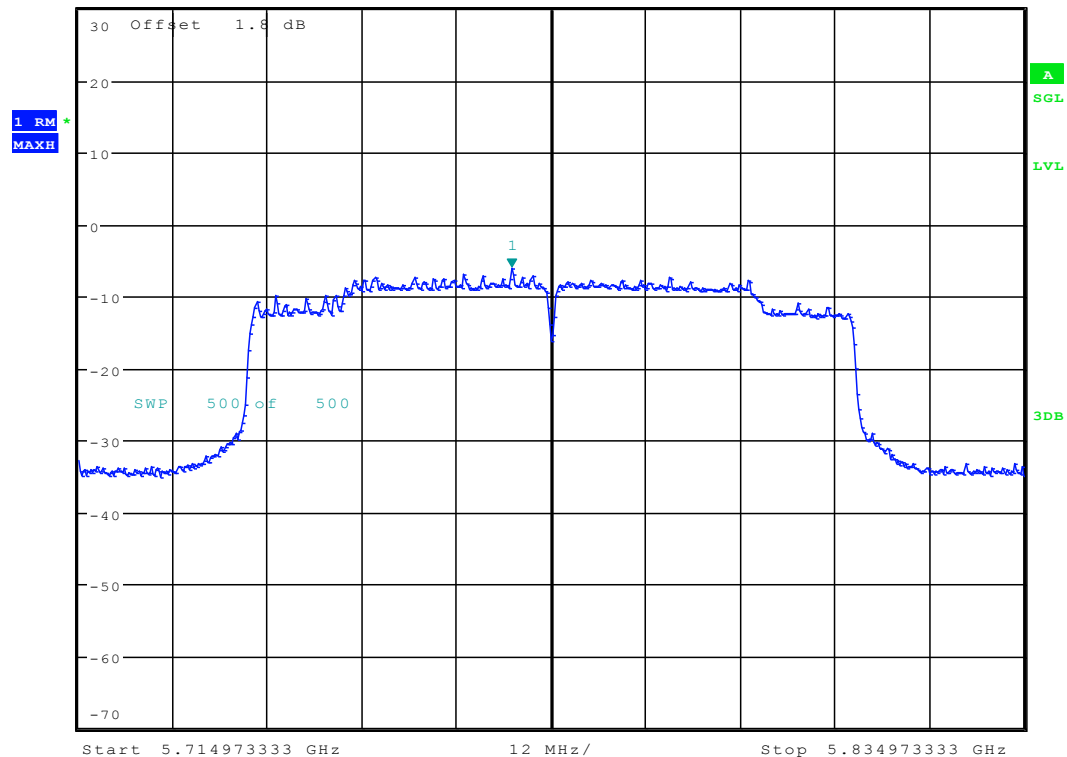


Date: 26.JAN.2018 18:08:38

11.171 11AC80_155 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -6.10 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.769973333 GHz



Date: 22.JAN.2018 17:53:24



Ref 30 dBm Att 55 dB SWT 20 ms 5.769946667 GHz



Date: 26.JAN.2018 18:13:57

11.173 11AC80MIMO_42 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-7.39 dBm

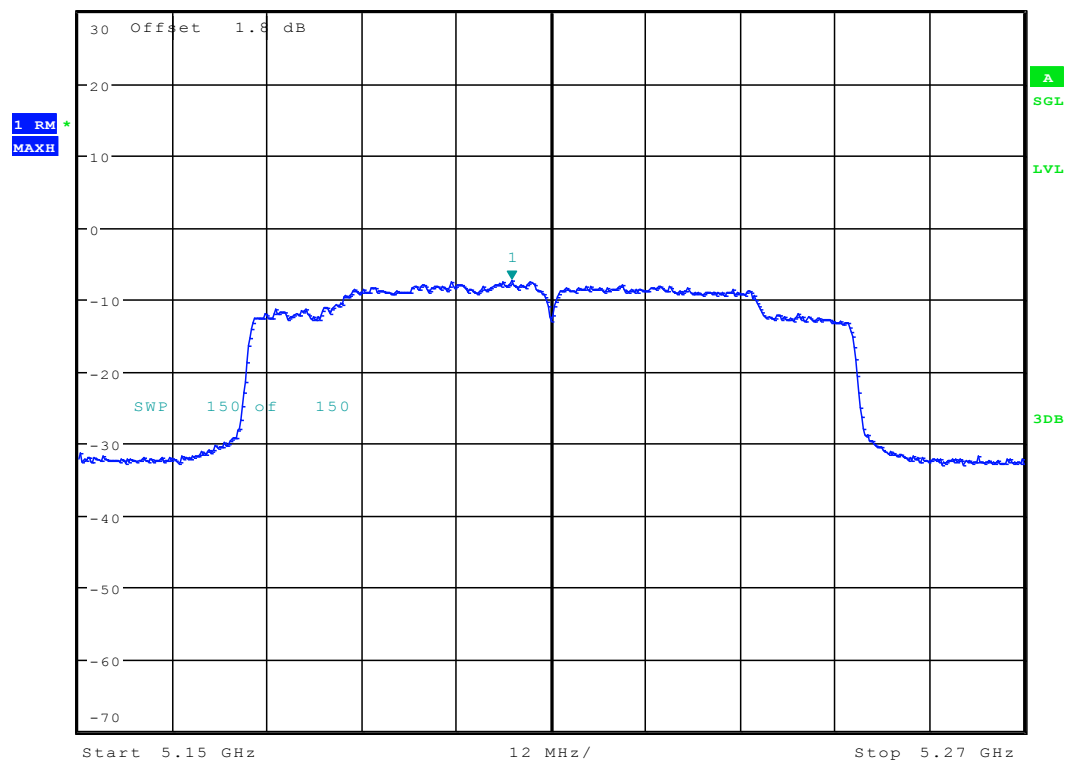
5.205000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.205000000 GHz



Date: 23.JAN.2018 16:44:28

11.174 11AC80MIMO_42 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-6.96 dBm

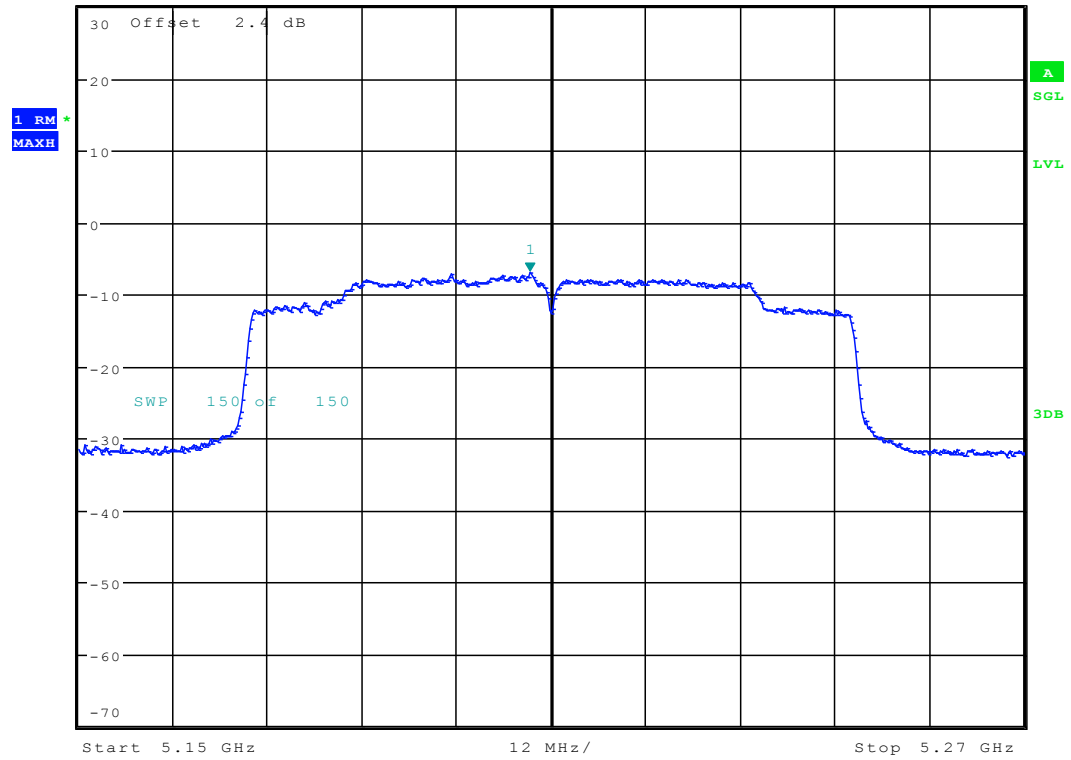
5.207400000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.207400000 GHz



Date: 26.JAN.2018 16:31:35

11.175 11AC80MIMO_58 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-7.07 dBm

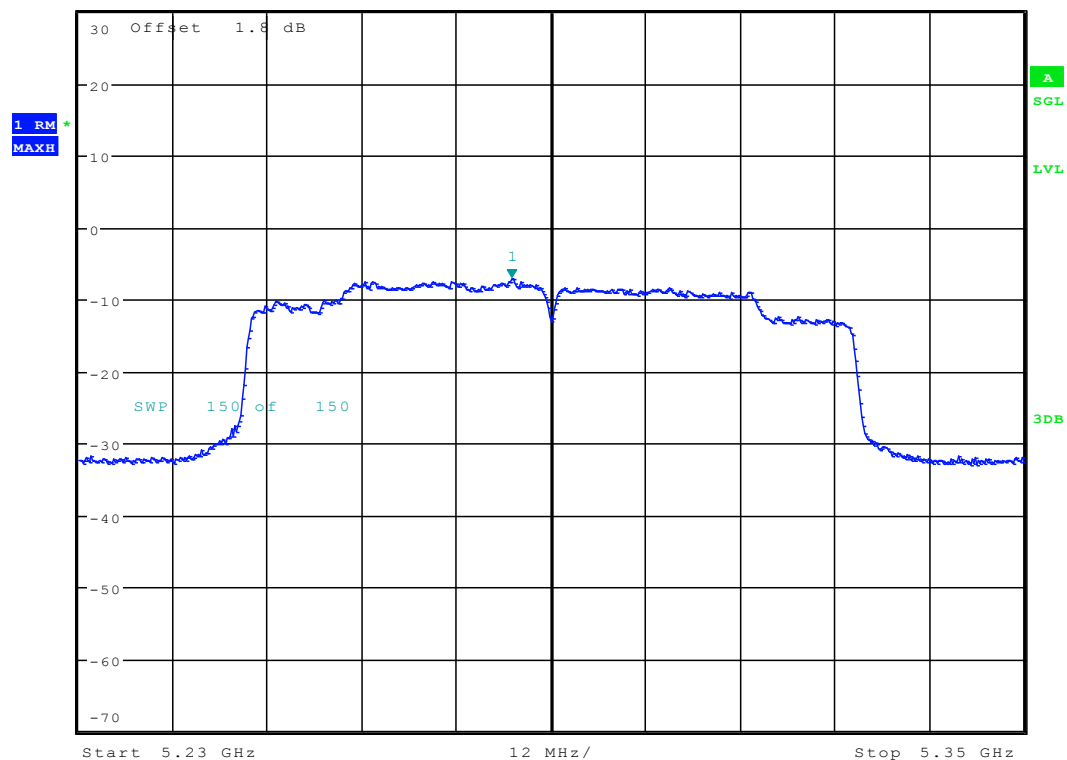
5.285000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.285000000 GHz



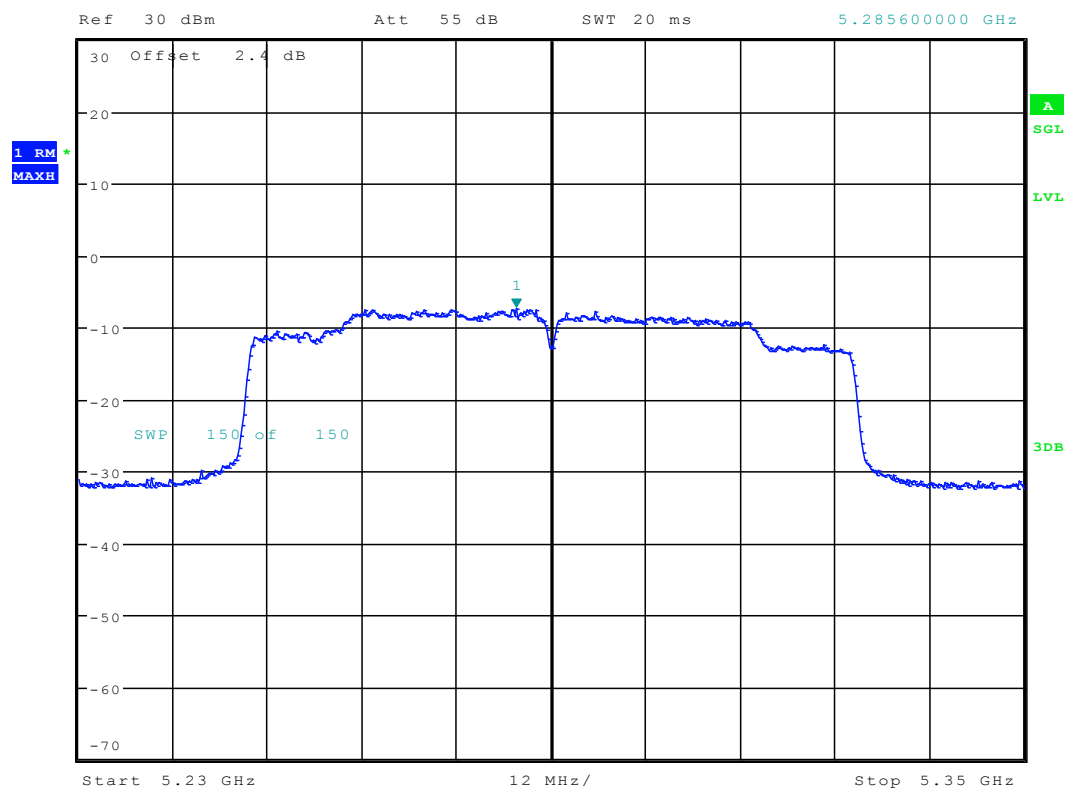
Date: 23.JAN.2018 16:48:58

11.176 11AC80MIMO_58 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-7.36 dBm
5.285600000 GHz



Date: 26.JAN.2018 16:49:25

11.177 11AC80MIMO_106 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-7.06 dBm

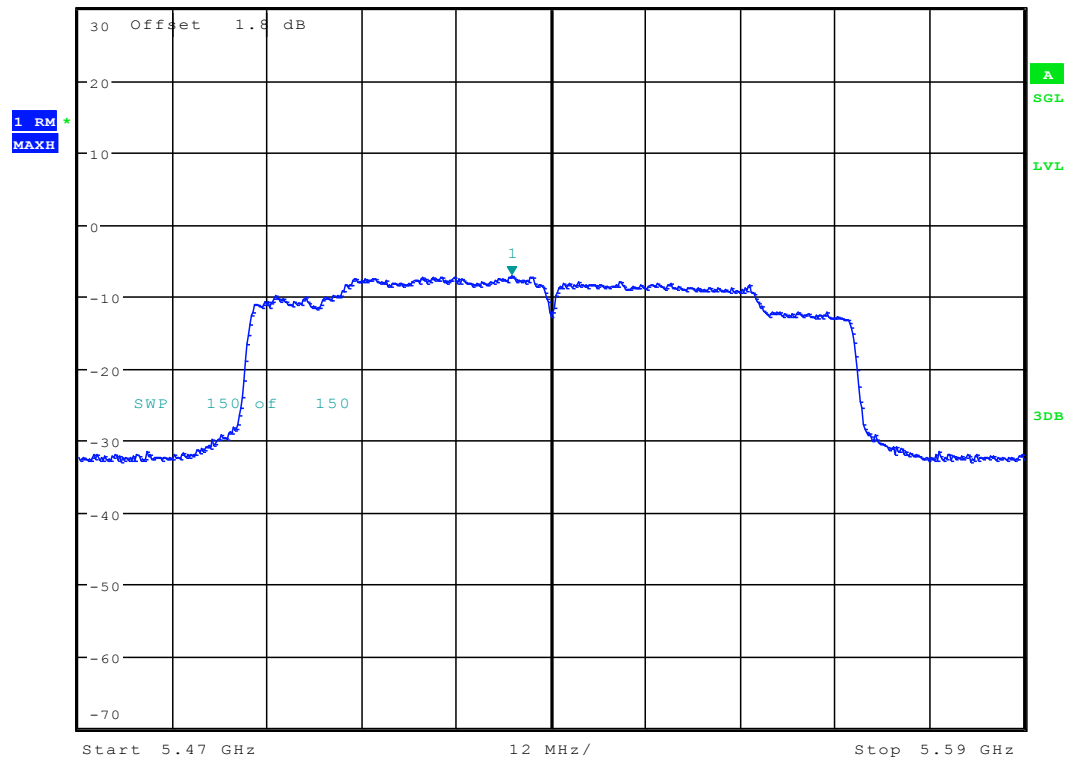
5.525000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.525000000 GHz



Date: 23.JAN.2018 16:54:19

11.178 11AC80MIMO_106 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]

-6.84 dBm

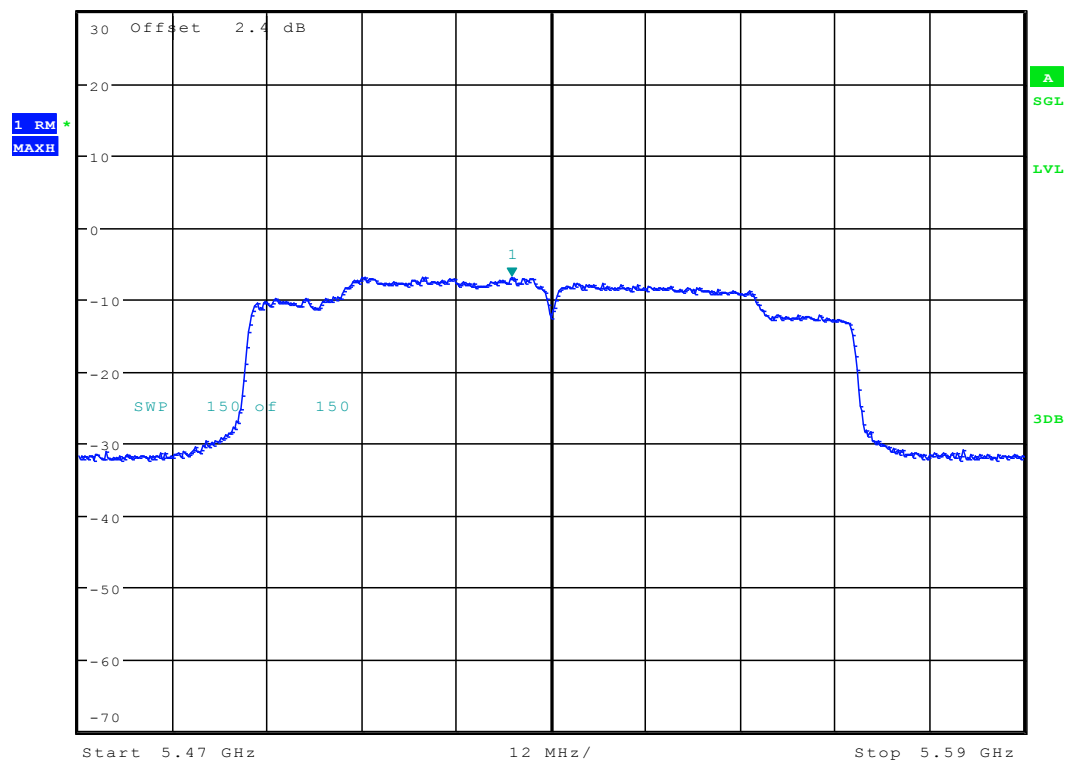
5.525000000 GHz

Ref 30 dBm

Att 55 dB

SWT 20 ms

5.525000000 GHz



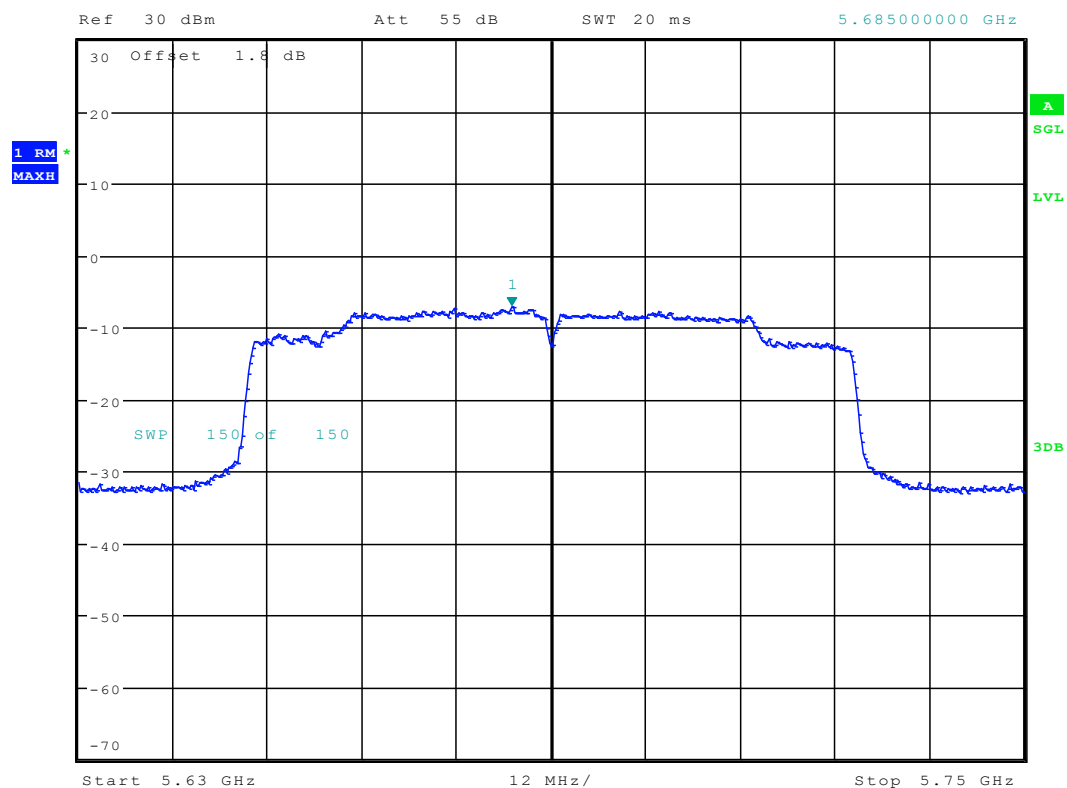
Date: 26.JAN.2018 16:53:27

11.179 11AC80MIMO_138 ANT 1



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-7.11 dBm
5.685000000 GHz



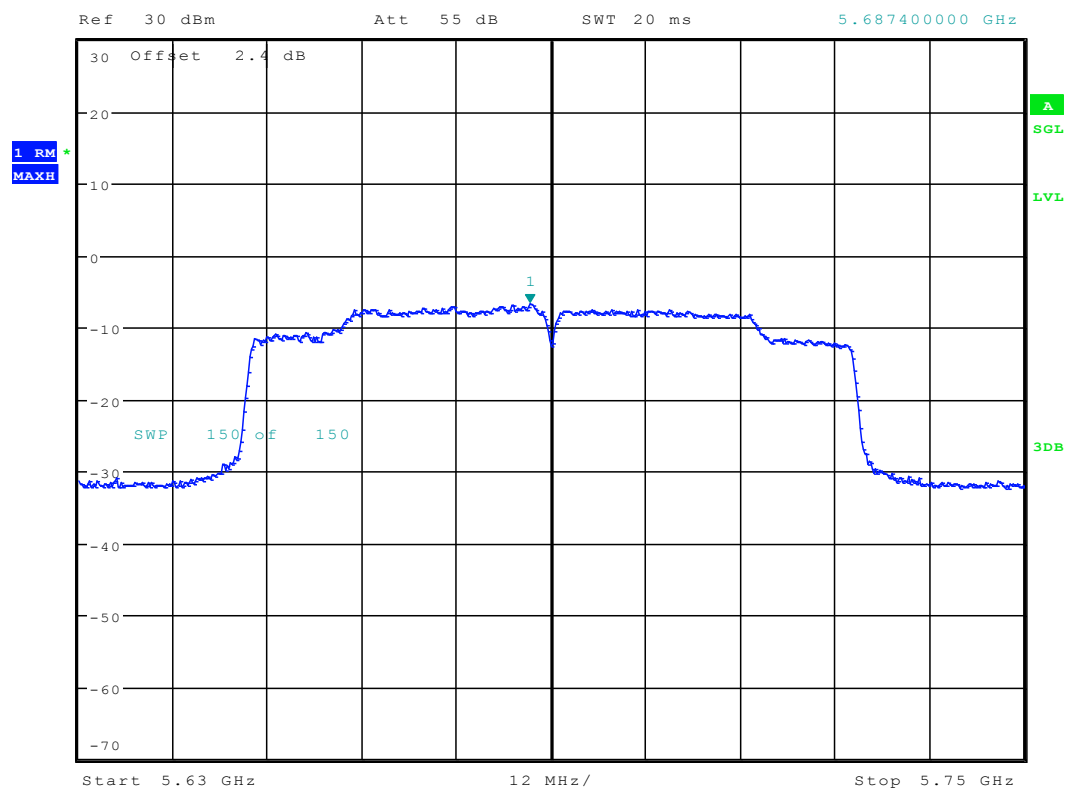
Date: 23.JAN.2018 17:02:39

11.180 11AC80MIMO_138 ANT 2



*RBW 1 MHz
*VBW 3 MHz
SWT 20 ms

Marker 1 [T1]
-6.63 dBm
5.687400000 GHz

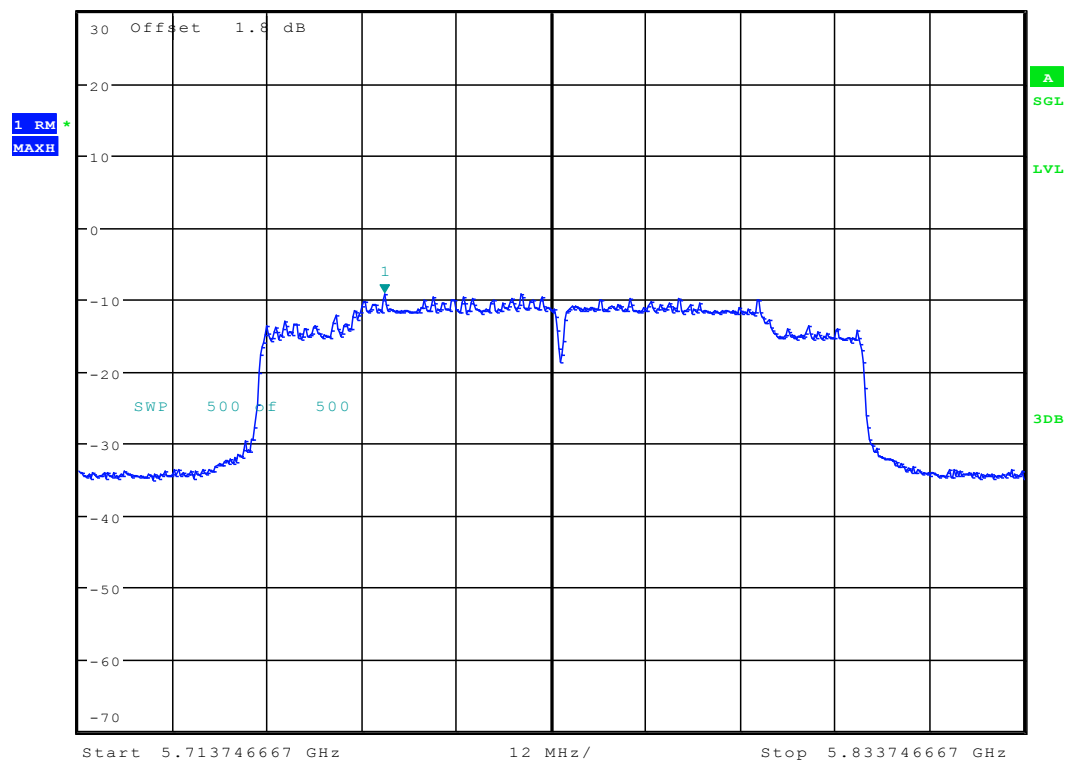


Date: 26.JAN.2018 16:57:49

11.181 11AC80MIMO_155 ANT 1



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -9.08 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.752546667 GHz

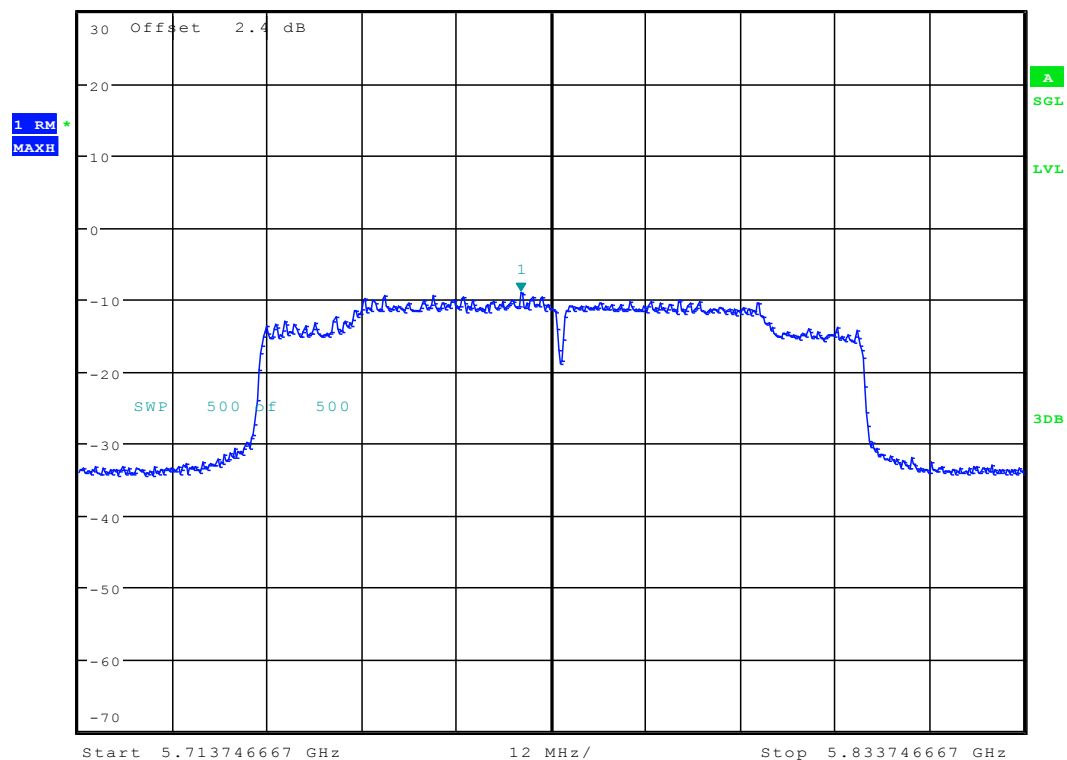


Date: 23.JAN.2018 17:08:07

11.182 11AC80MIMO_155 ANT 2



*RBW 500 kHz Marker 1 [T1]
 *VBW 2 MHz -8.91 dBm
 Ref 30 dBm Att 55 dB SWT 20 ms 5.769946667 GHz



Date: 26.JAN.2018 17:03:15

Appendix F: Frequencies Stability

Frequency Error vs. Voltage:

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

Frequency Error vs. Temperature:

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

Frequency Error vs. Voltage:

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

Frequency Error vs. Temperature:

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

END