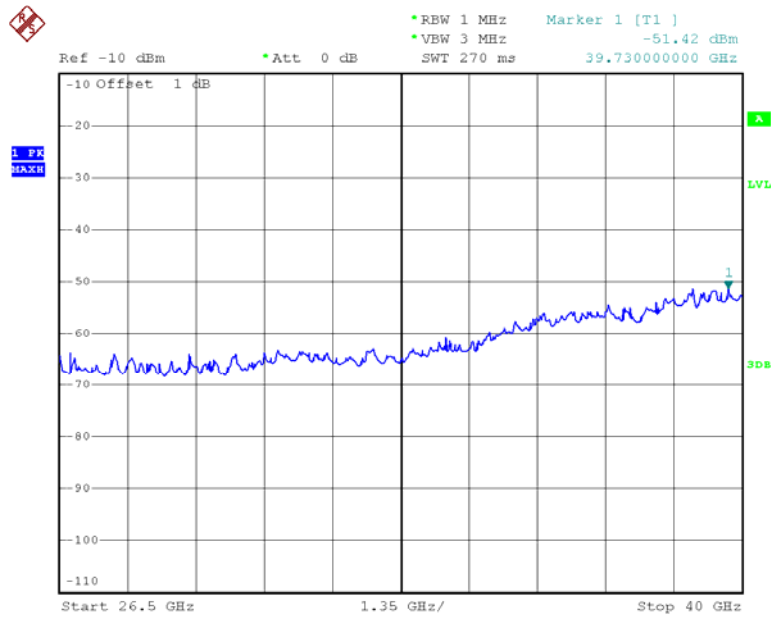
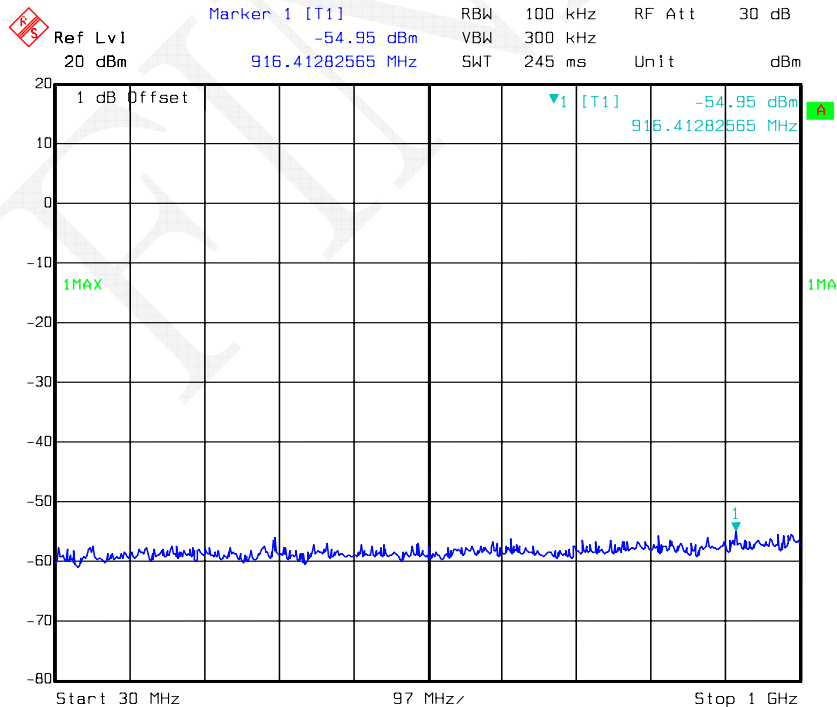


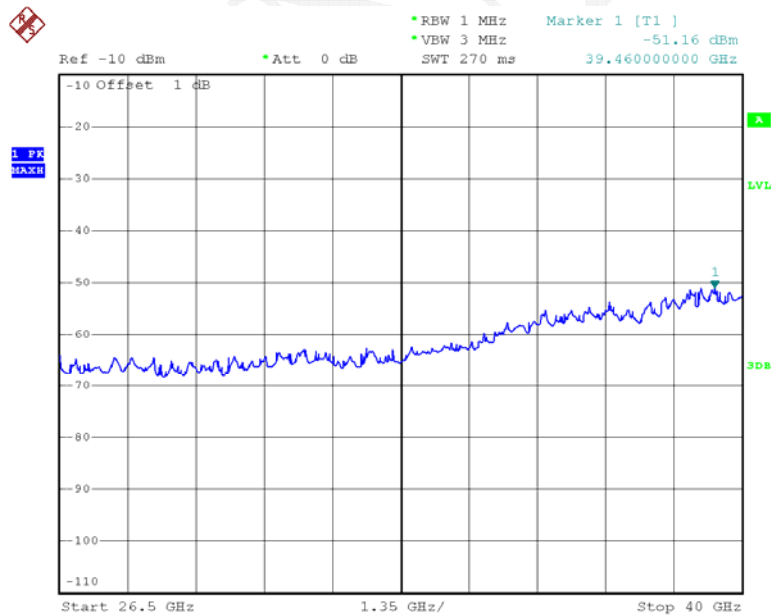
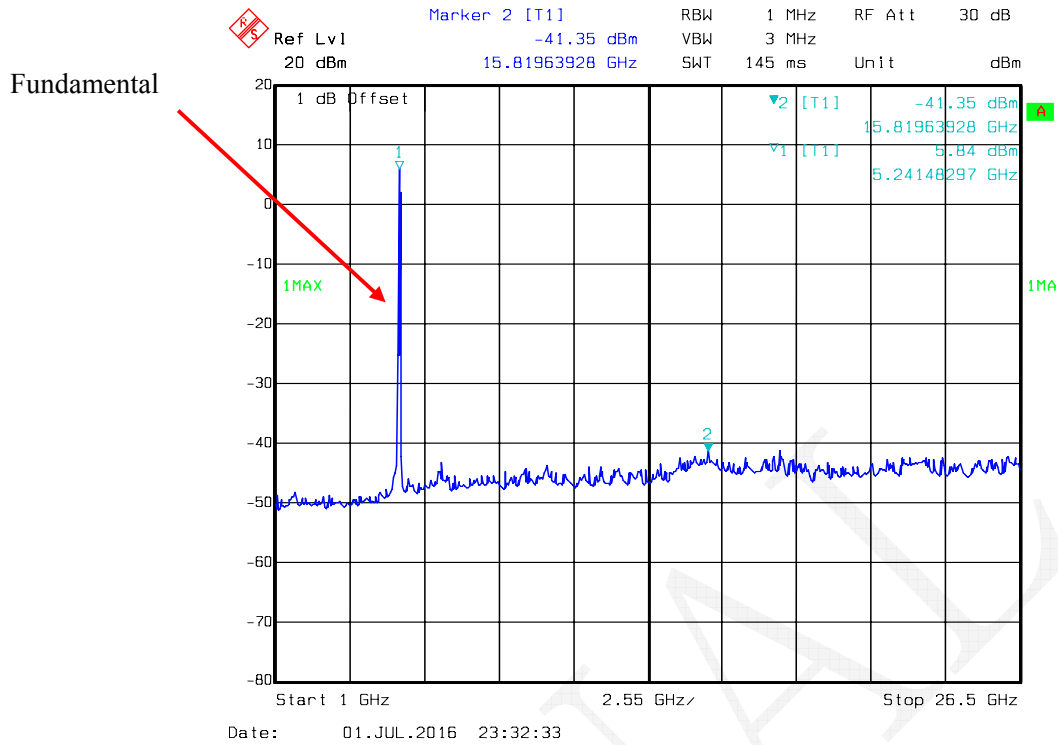


Date: 8.JUL.2016 23:20:56

Chain 1:802.11n ht40 Low Channel

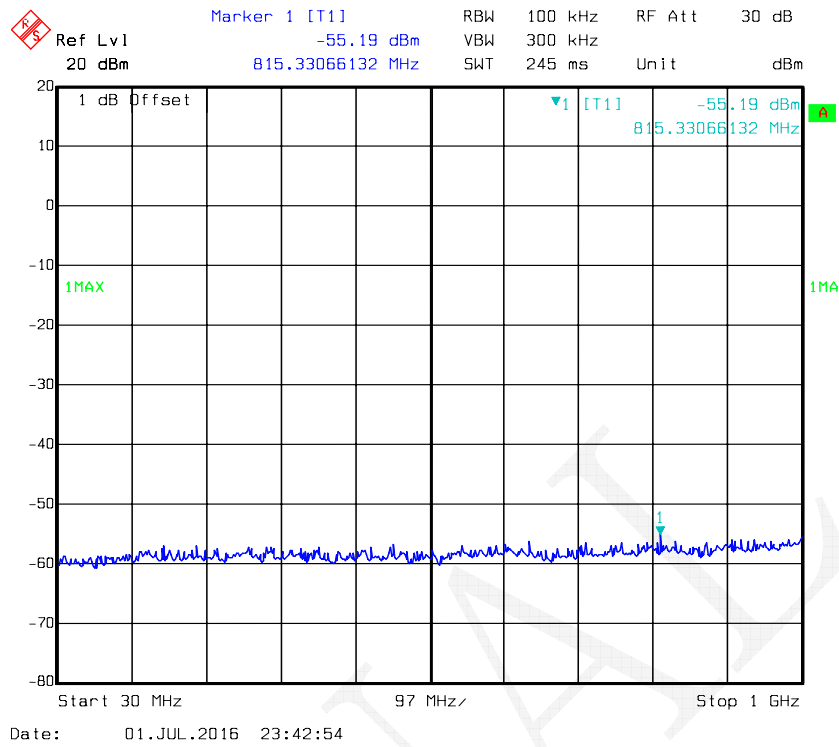


Date: 01.JUL.2016 23:32:44

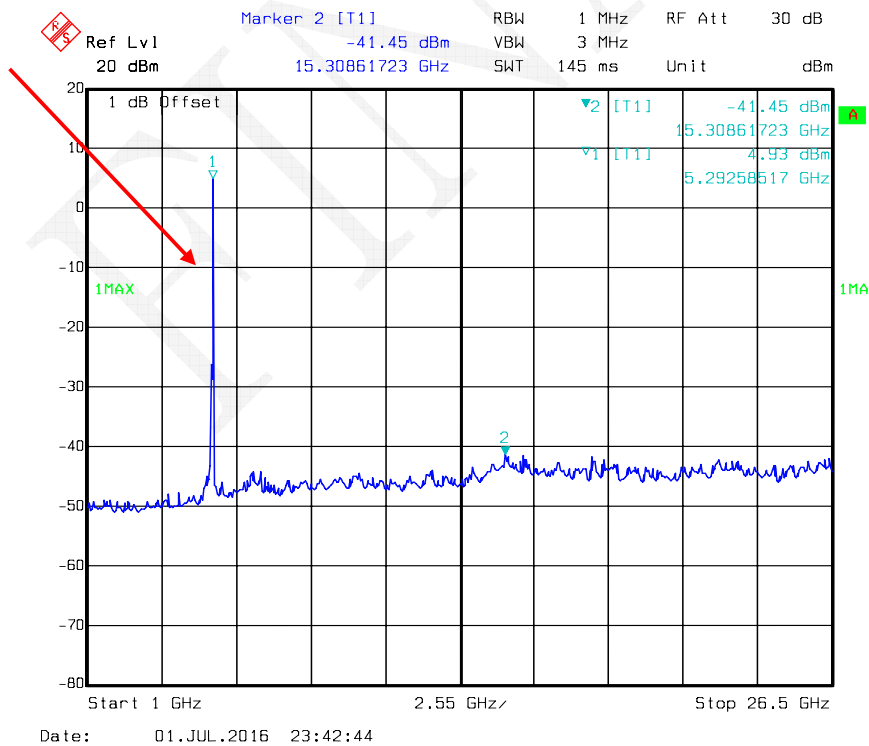


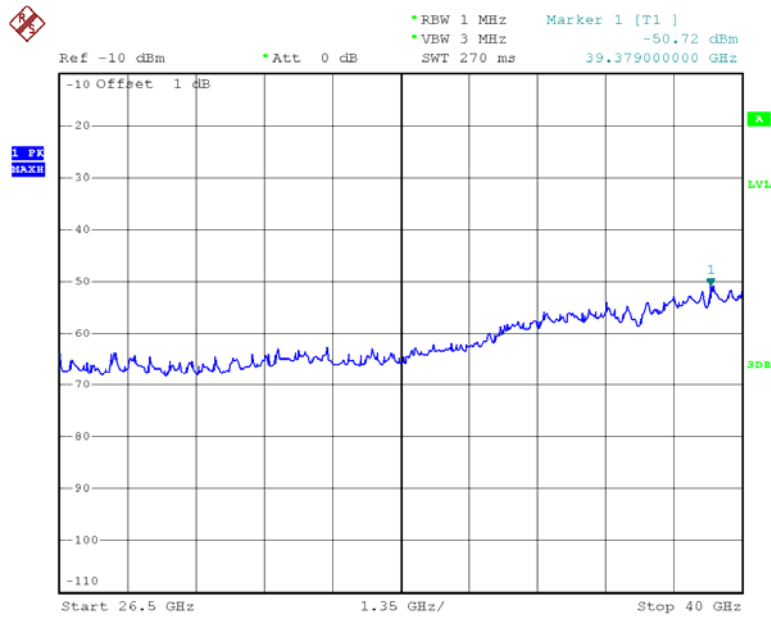
Date: 8.JUL.2016 23:21:04

Chain 1:802.11n ht40 High Channel



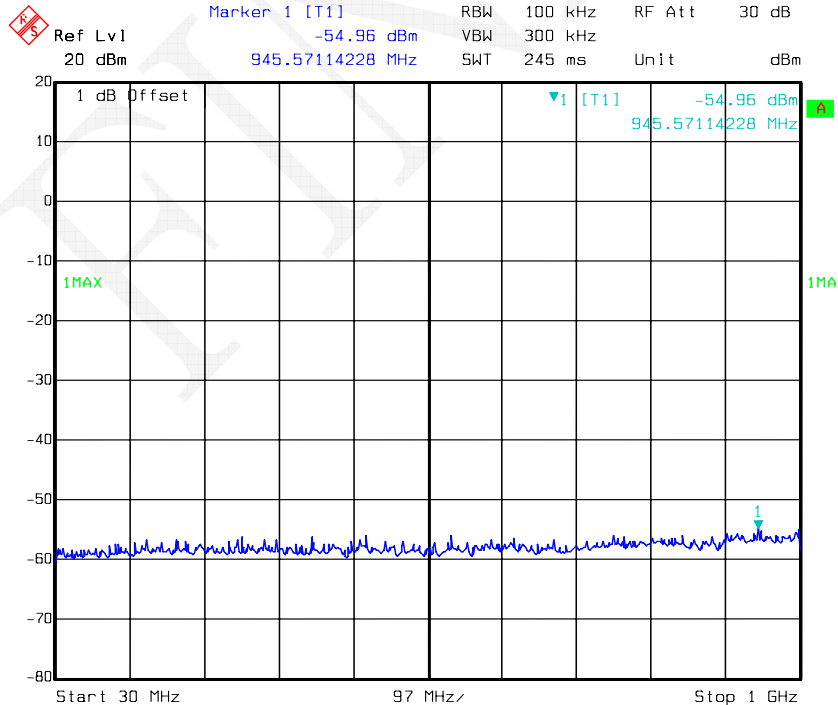
Fundamental





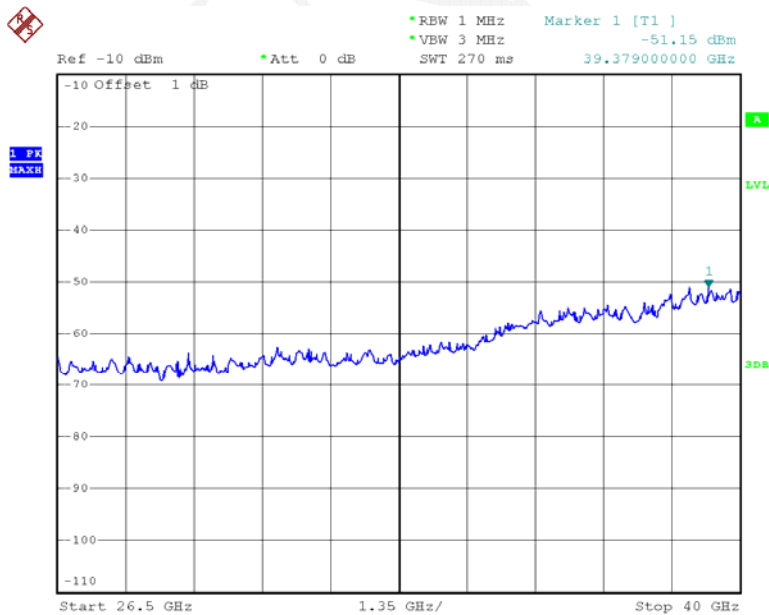
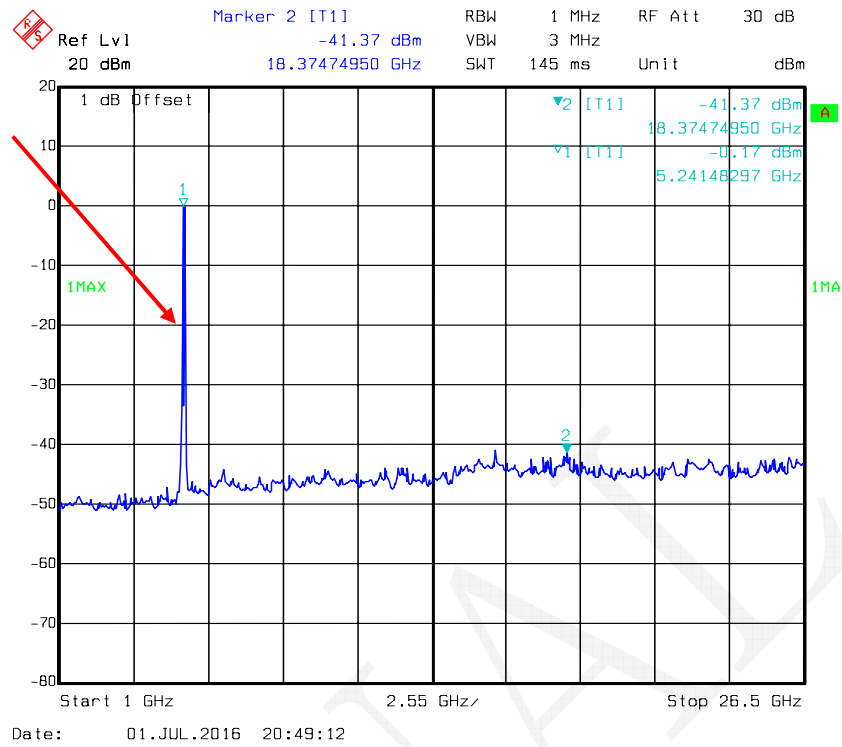
Date: 8.JUL.2016 23:21:11

Chain 1:802.11n ac80 Middle Channel



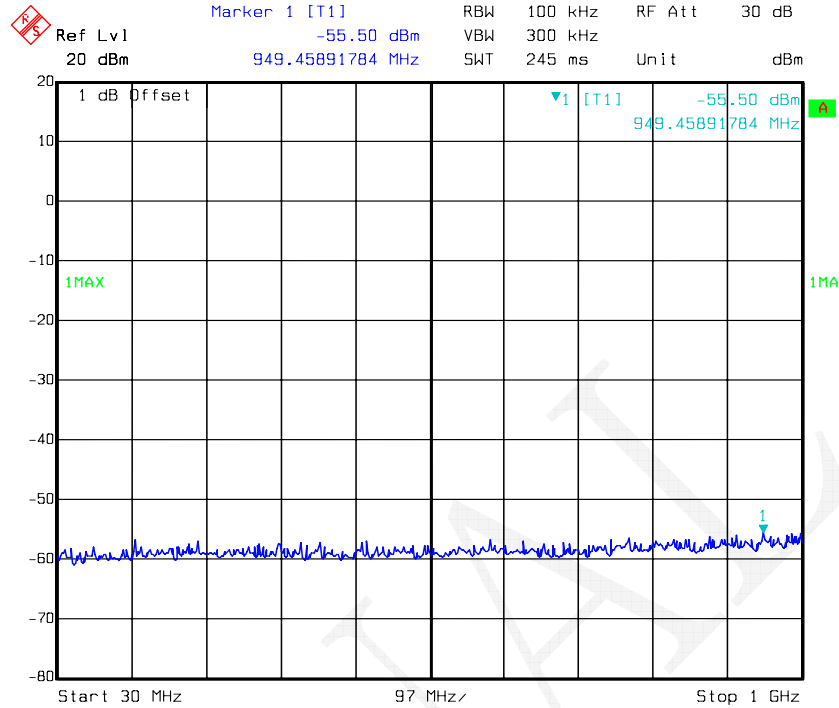
Date: 01.JUL.2016 20:49:24

Fundamental



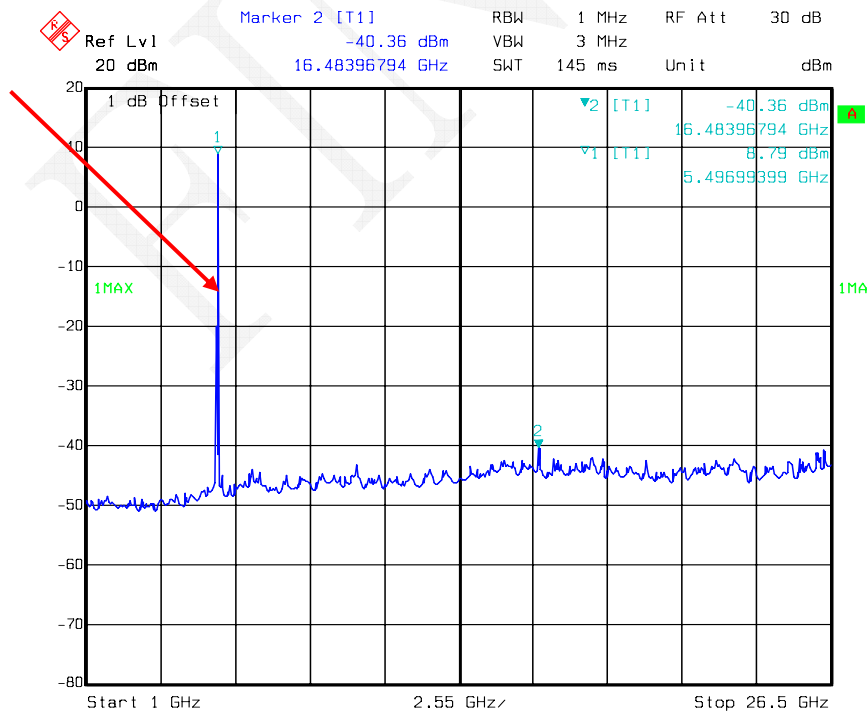
5470-5725MHz:

Chain 0:802.11a Low Channel

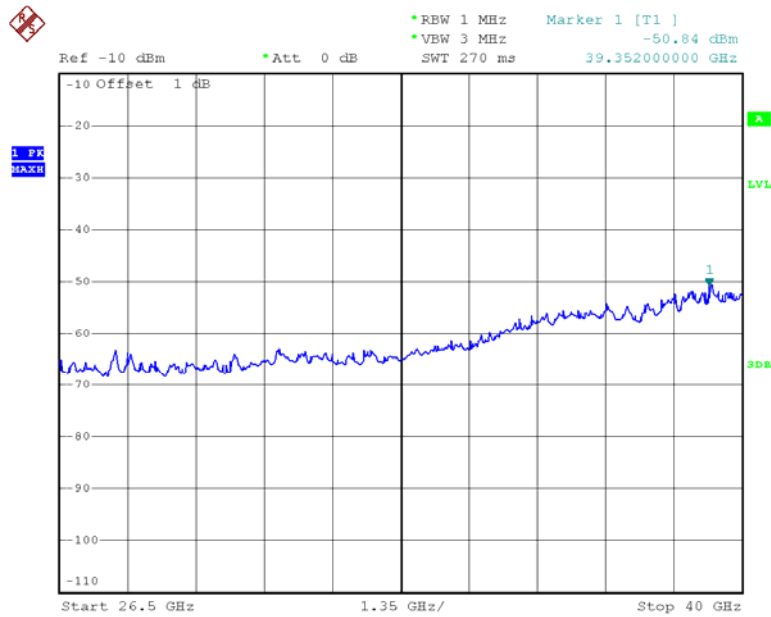


Date: 15.JUN.2016 00:45:23

Fundamental

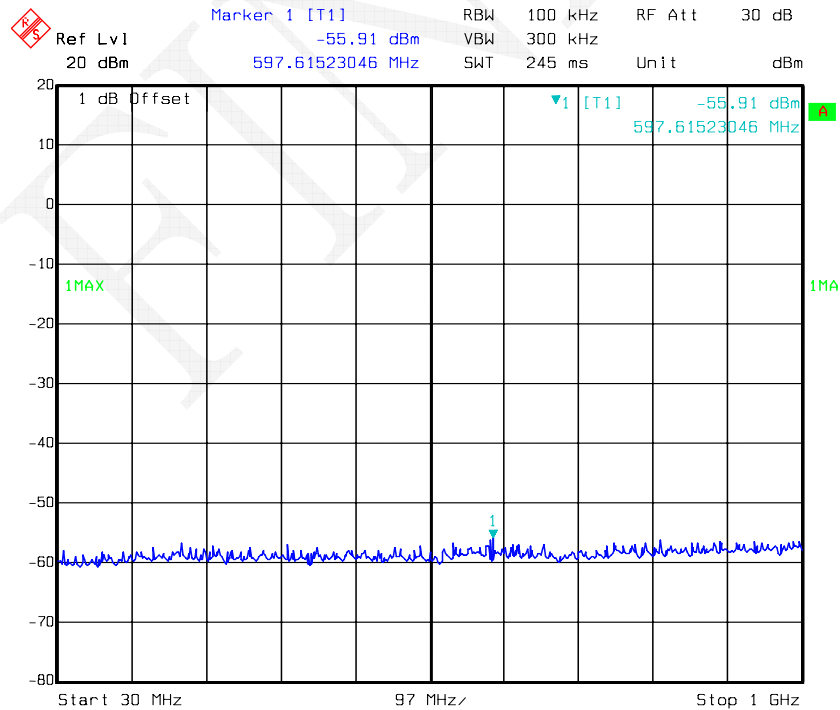


Date: 15.JUN.2016 00:45:13



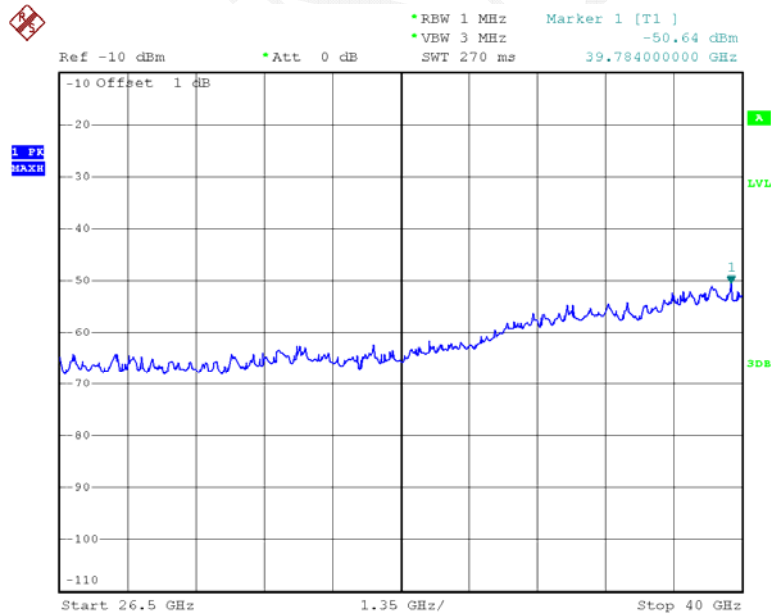
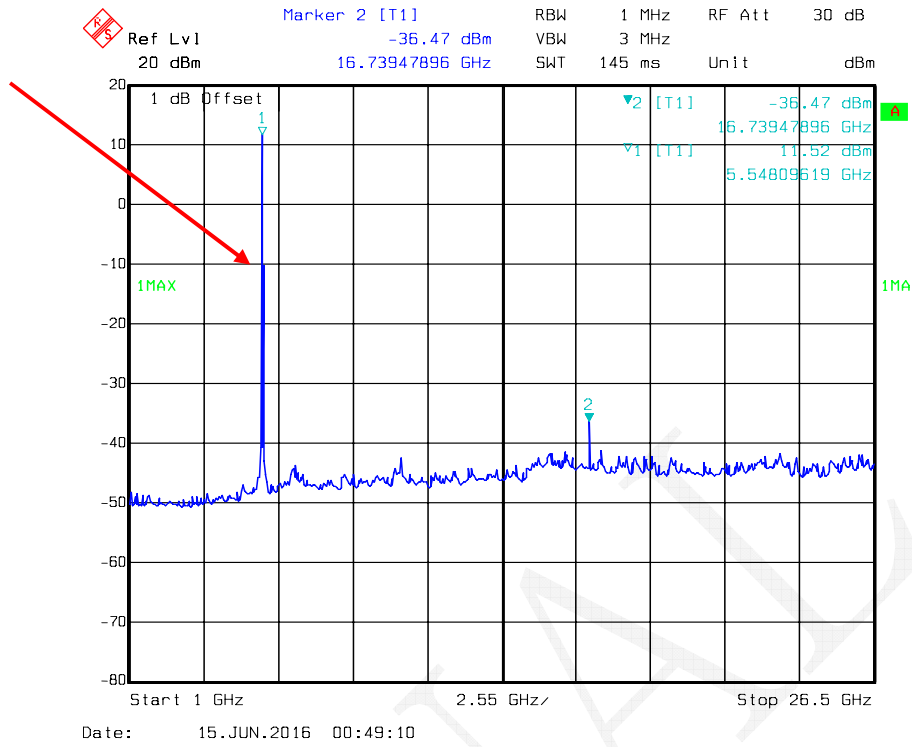
Date: 8.JUL.2016 23:21:25

Chain 0:802.11a Middle Channel



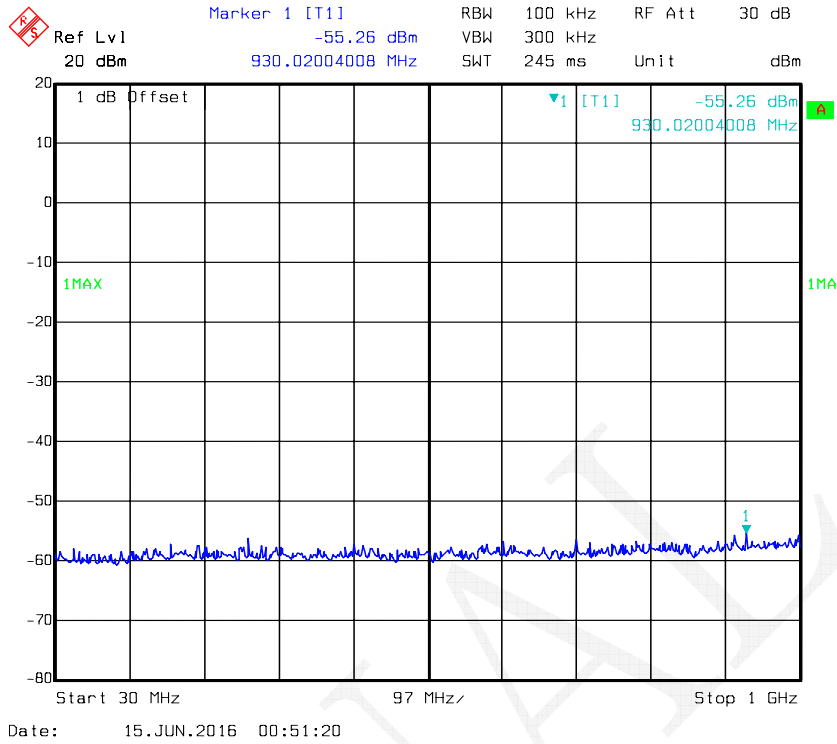
Date: 15.JUN.2016 00:49:21

Fundamental

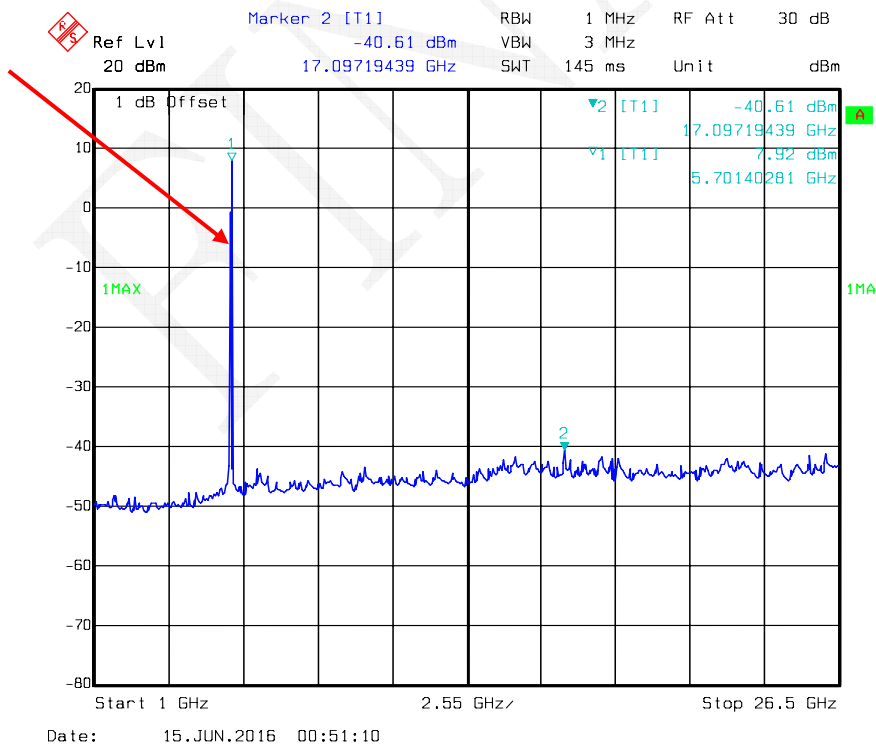


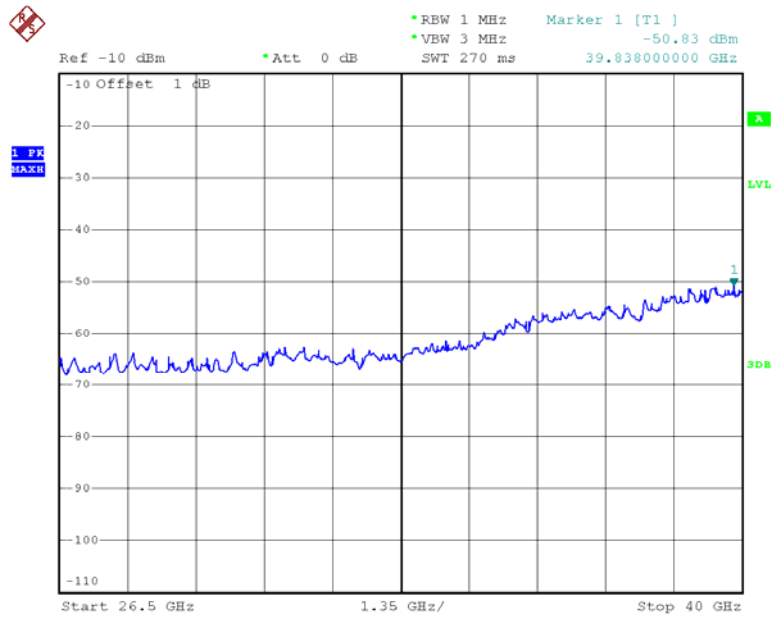
Date: 8.JUL.2016 23:21:31

Chain 0:802.11a High Channel



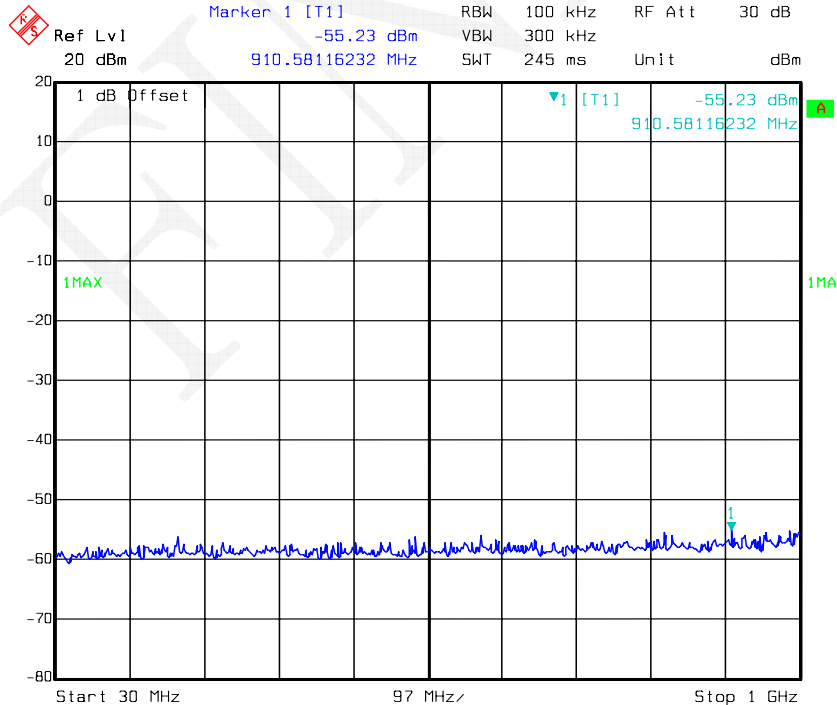
Fundamental





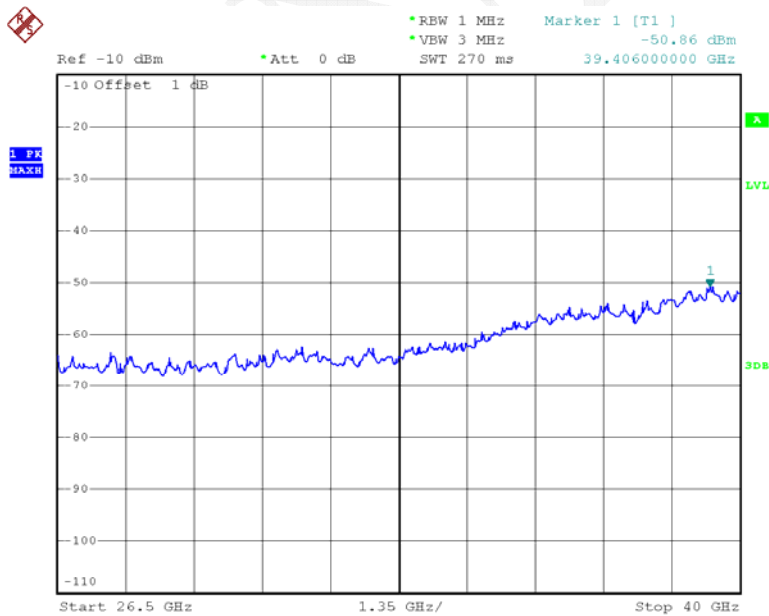
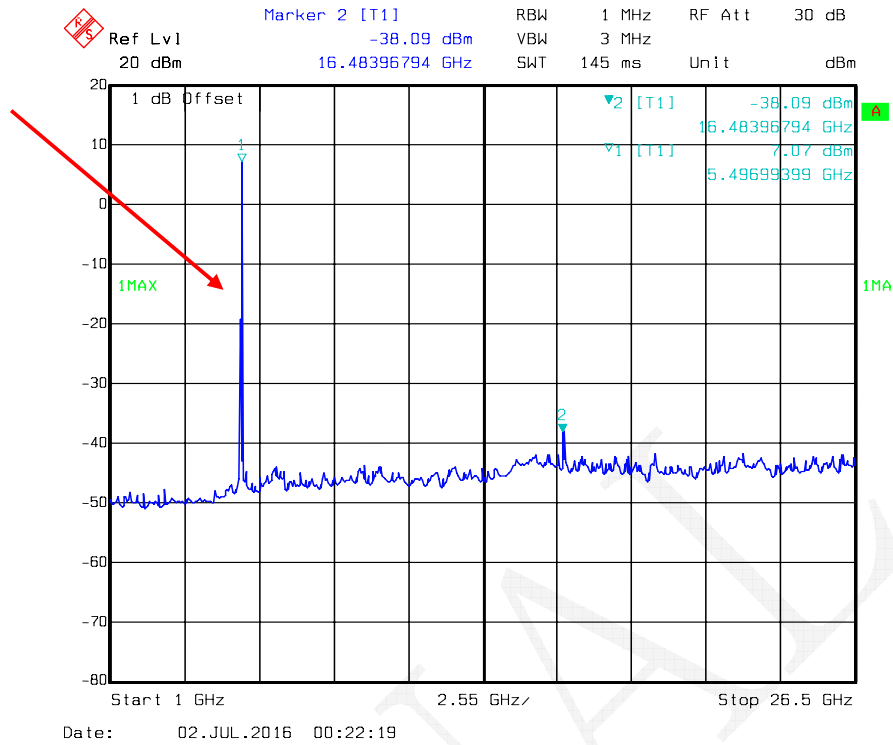
Date: 8.JUL.2016 23:21:41

Chain 0:802.11n ht20 Low Channel

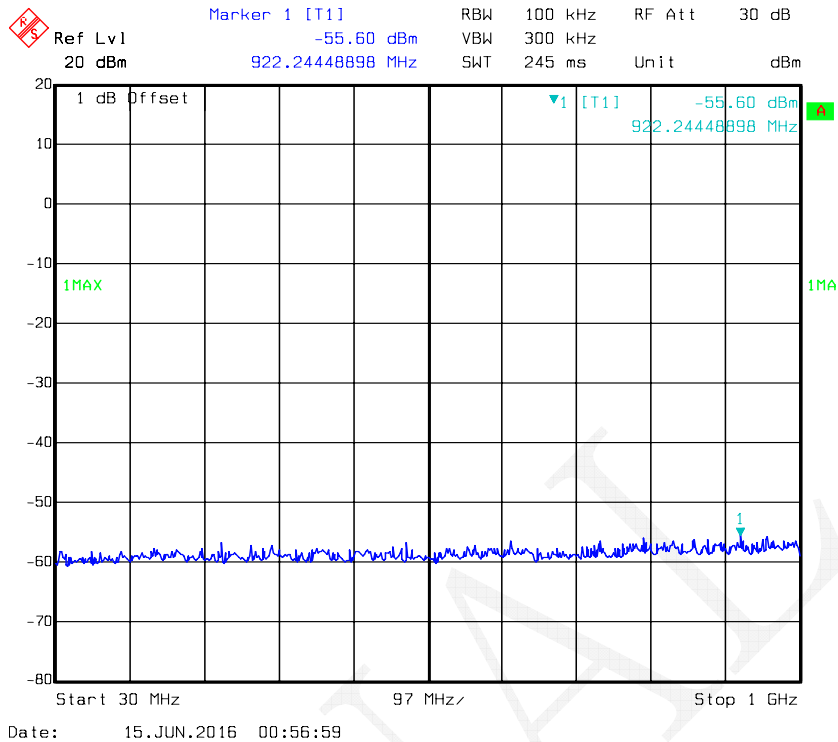


Date: 02.JUL.2016 00:22:29

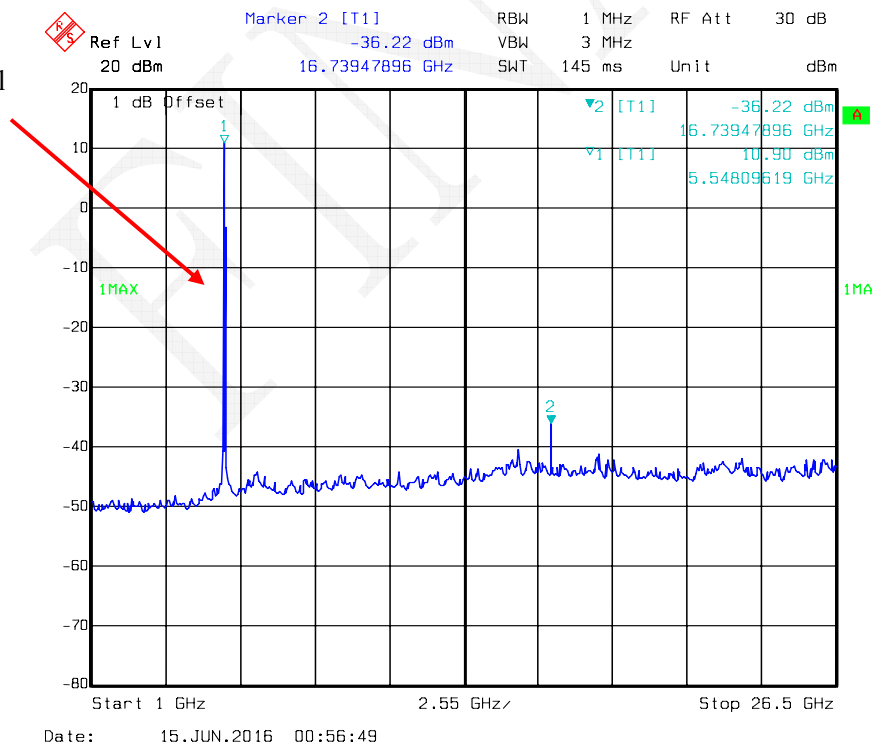
Fundamental

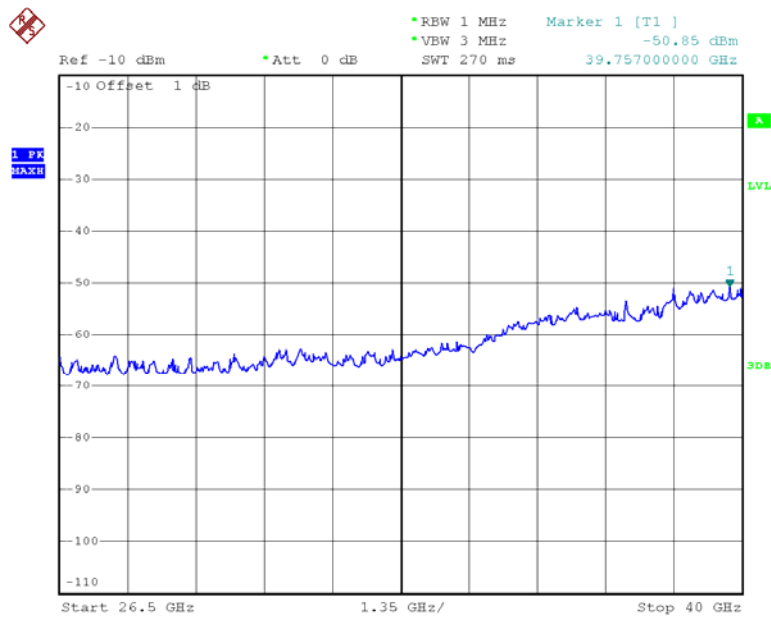


Chain 0:802.11n ht20 Middle Channel



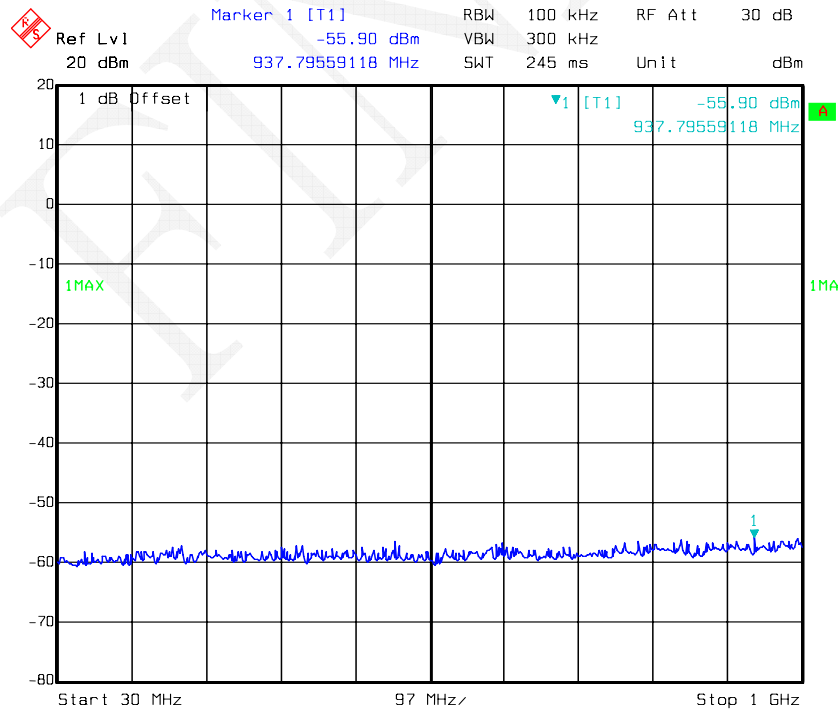
Fundamental



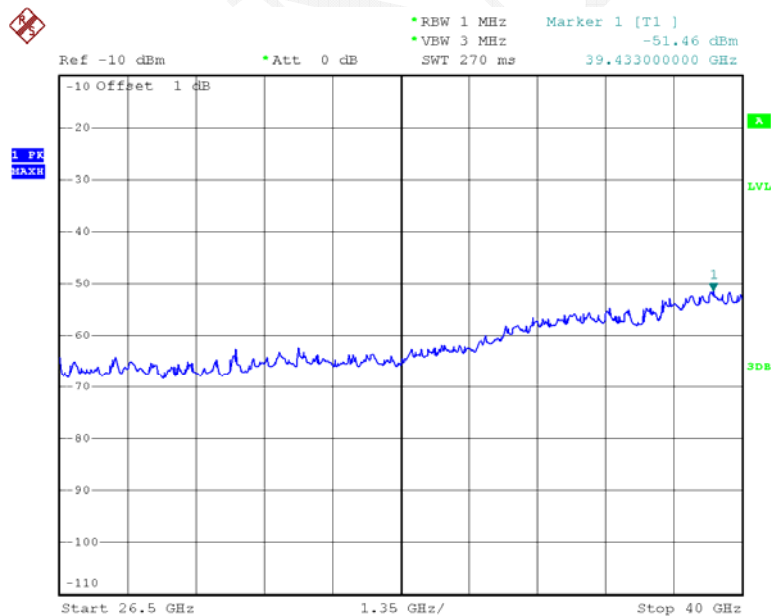
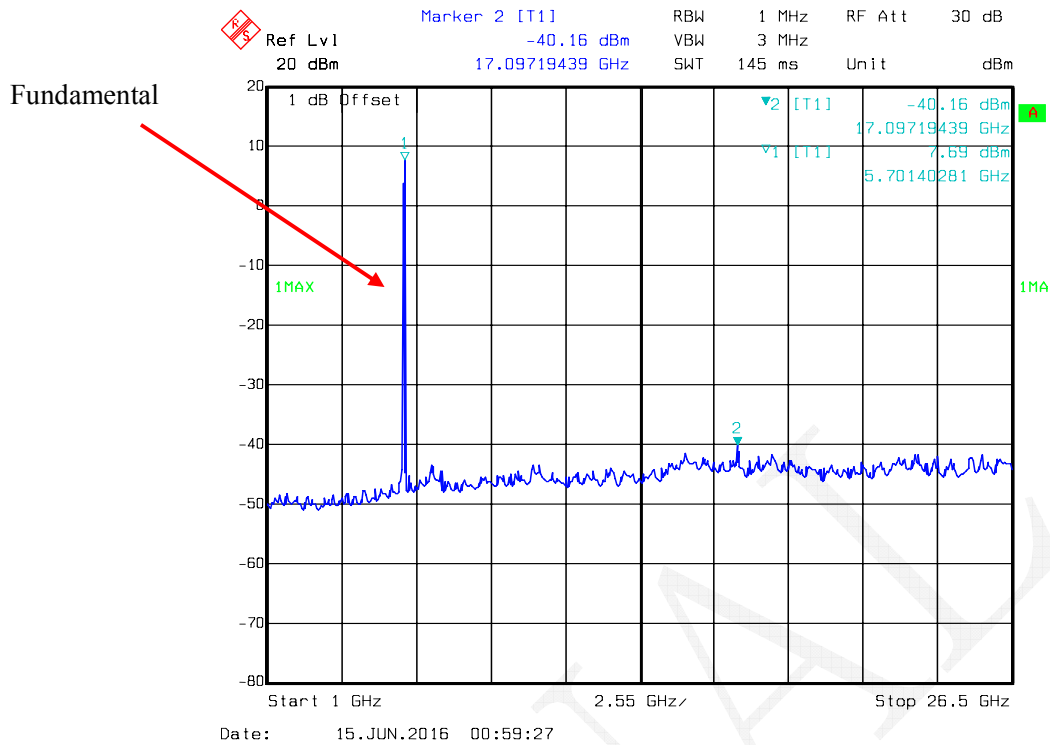


Date: 8.JUL.2016 23:22:00

Chain 0:802.11n ht20 High Channel

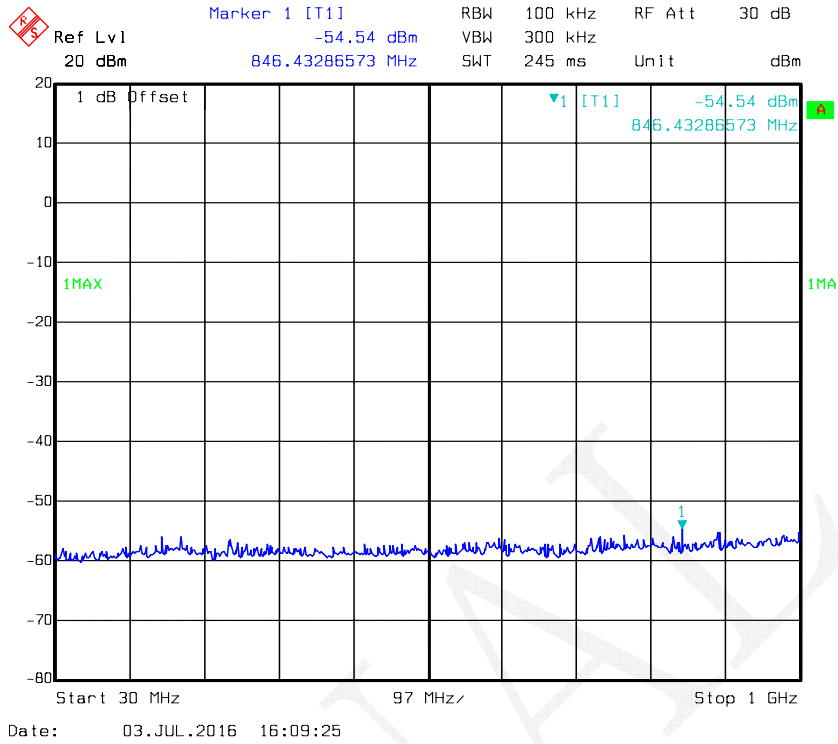


Date: 15.JUN.2016 00:59:37

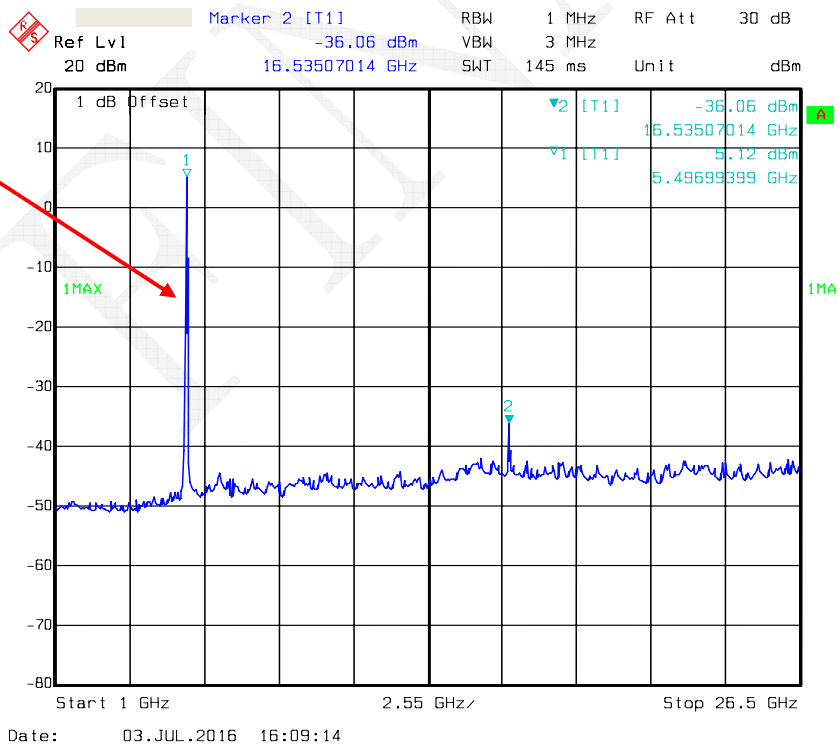


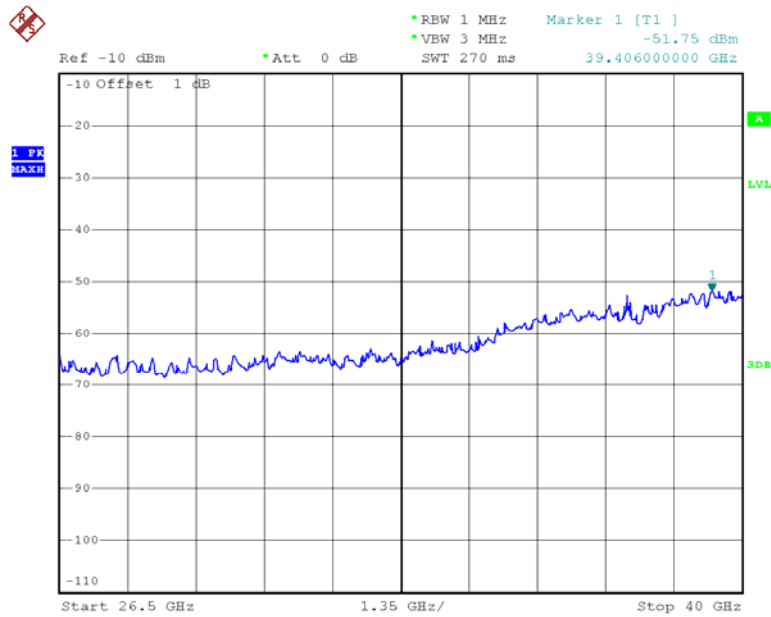
Date: 8.JUL.2016 23:22:07

Chain 0:802.11n ht40 Low Channel



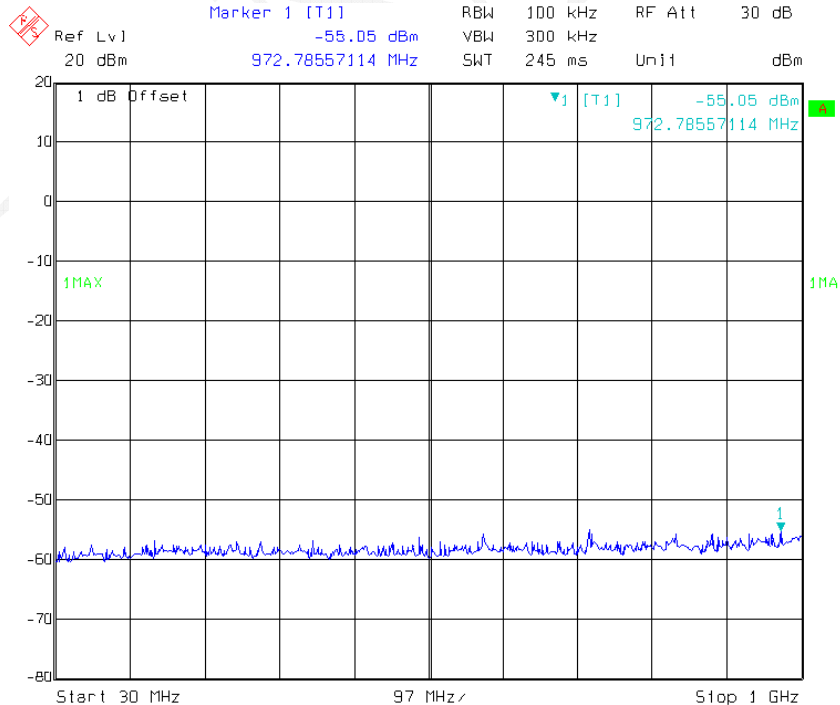
Fundamental





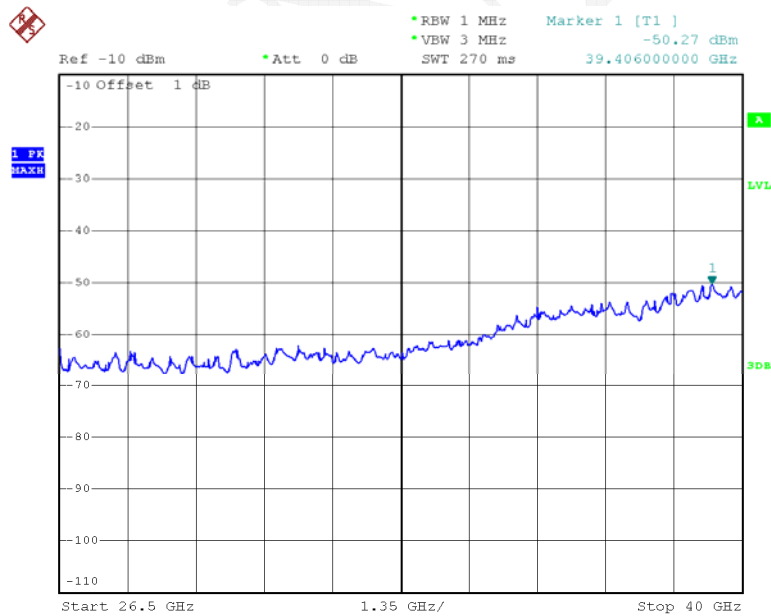
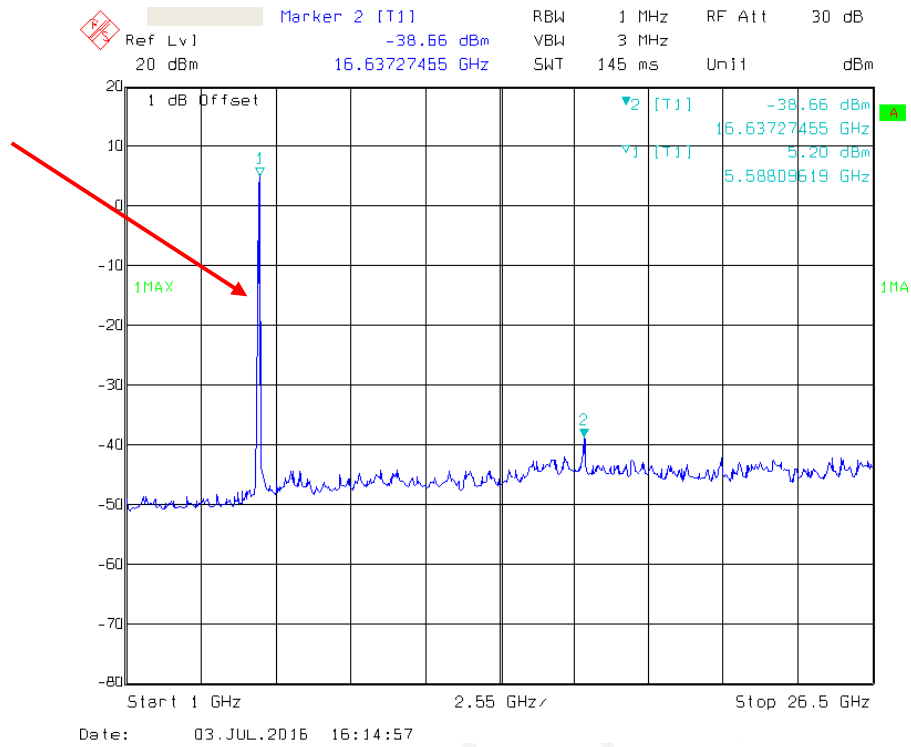
Date: 8.JUL.2016 23:22:13

Chain 0:802.11n ht40 Middle Channel

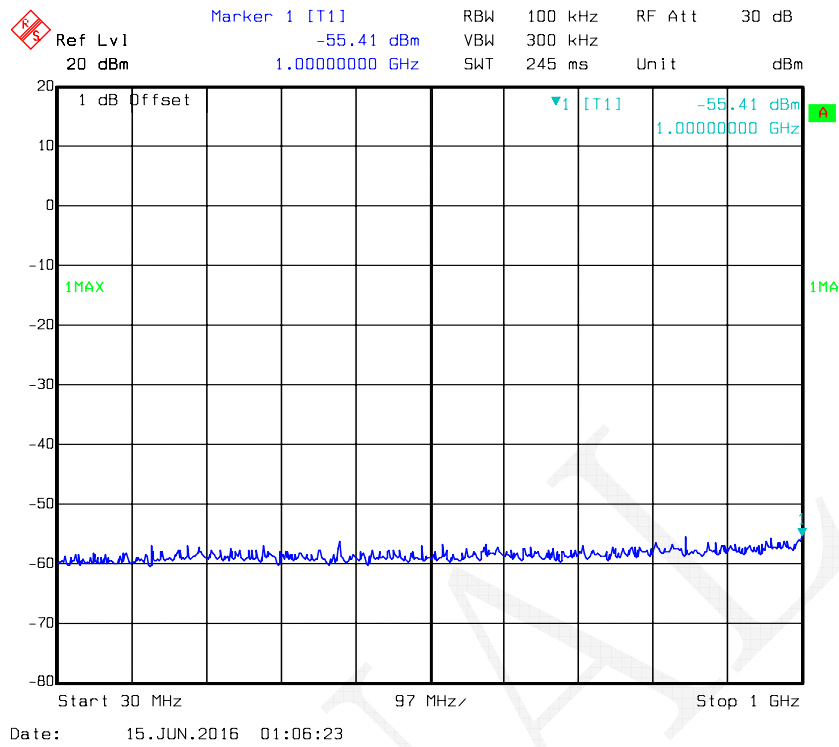


Date: 03.JUL.2016 16:15:07

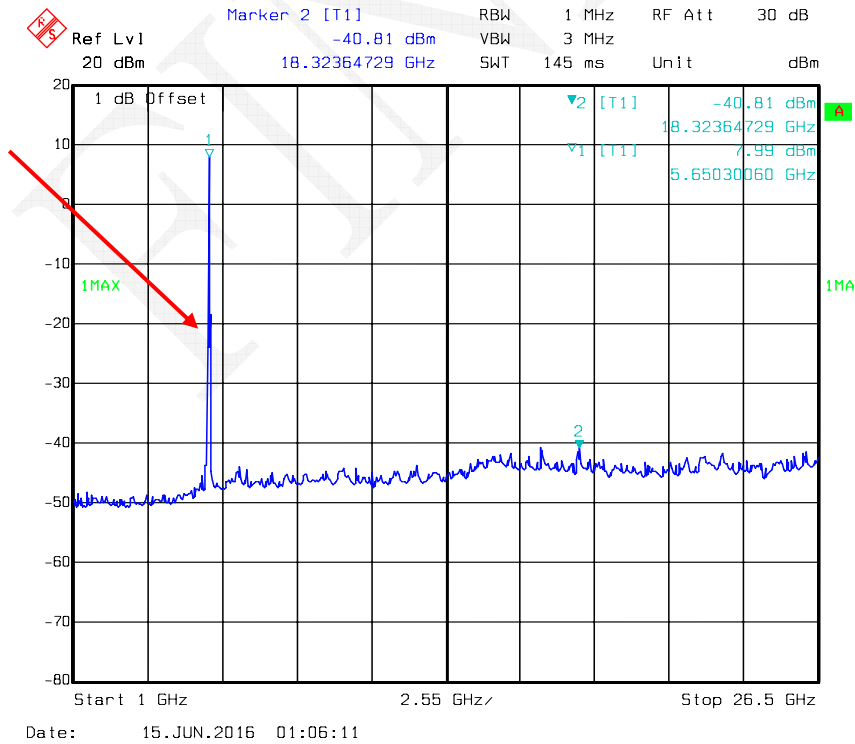
Fundamental

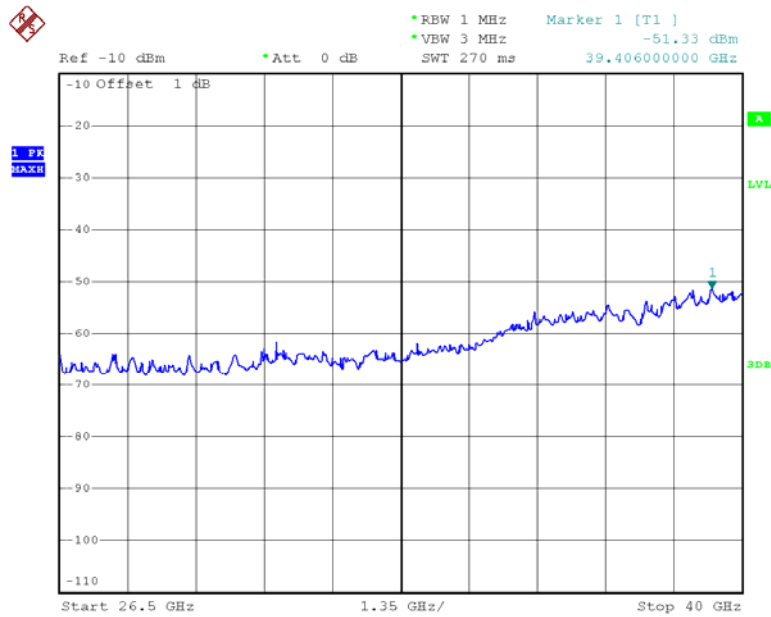


Chain 0:802.11n ht40 High Channel



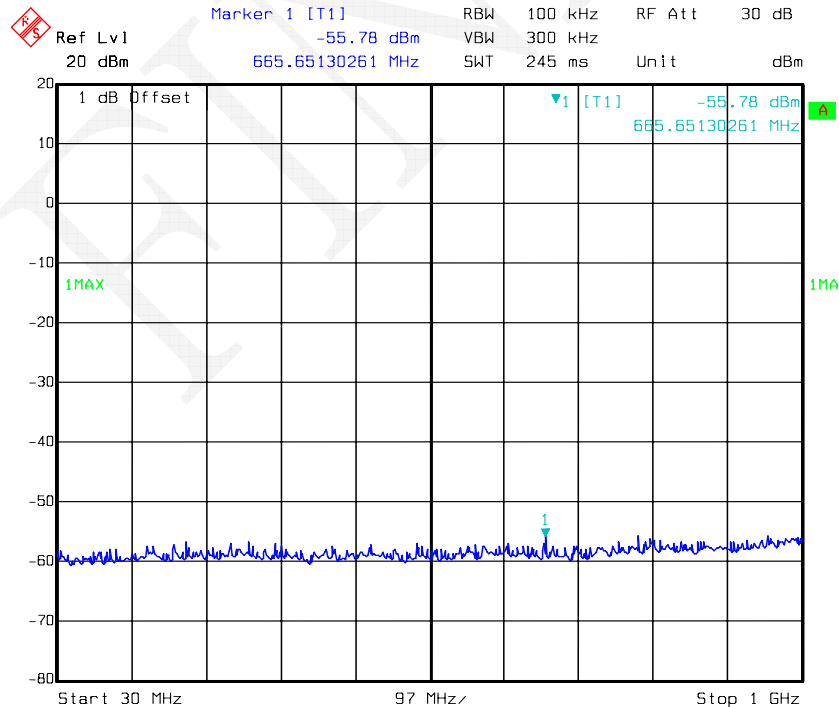
Fundamental



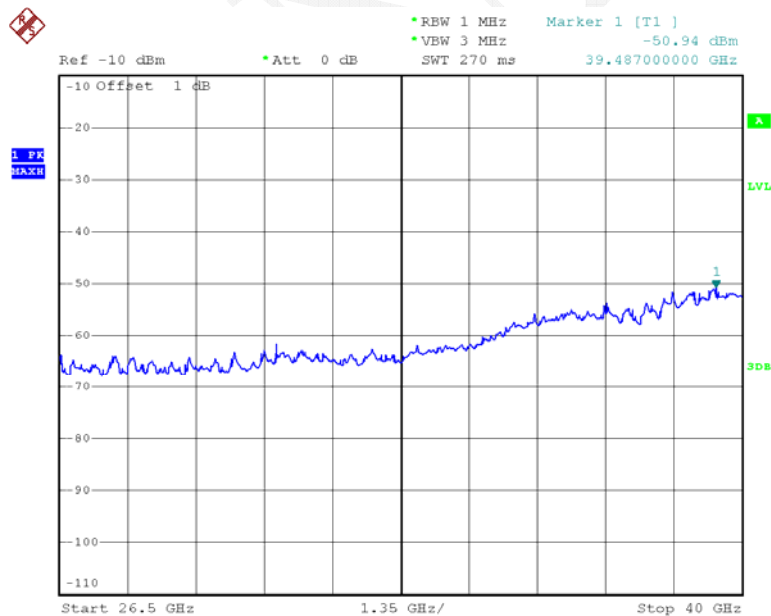
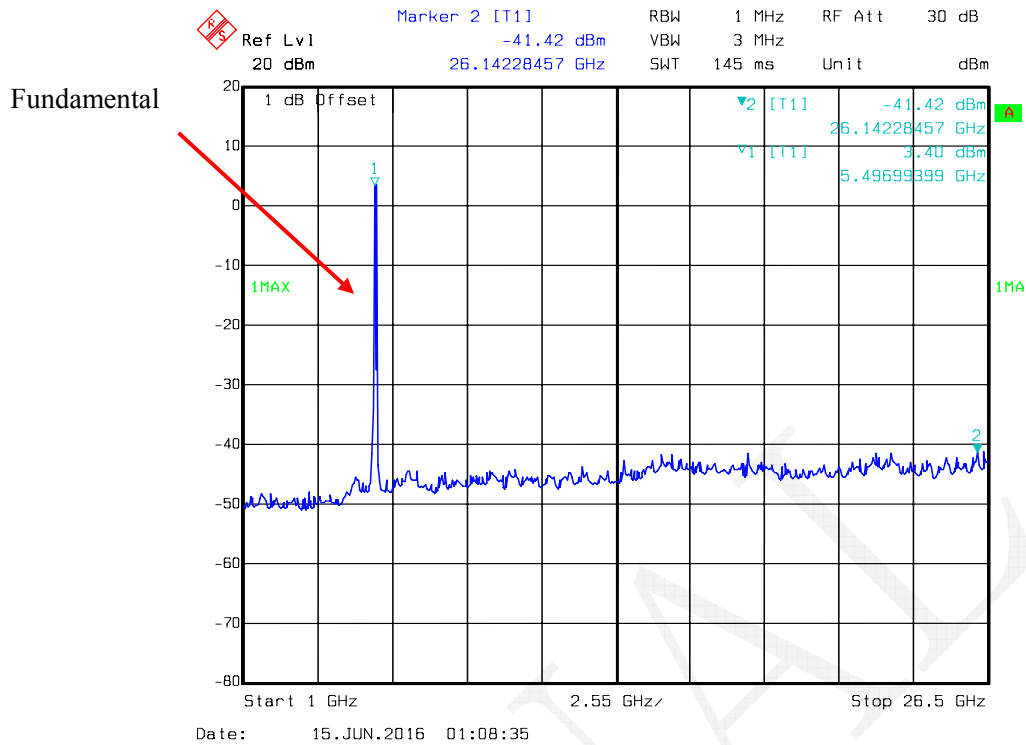


Date: 8.JUL.2016 23:22:25

Chain 0:802.11n ac80 Low Channel

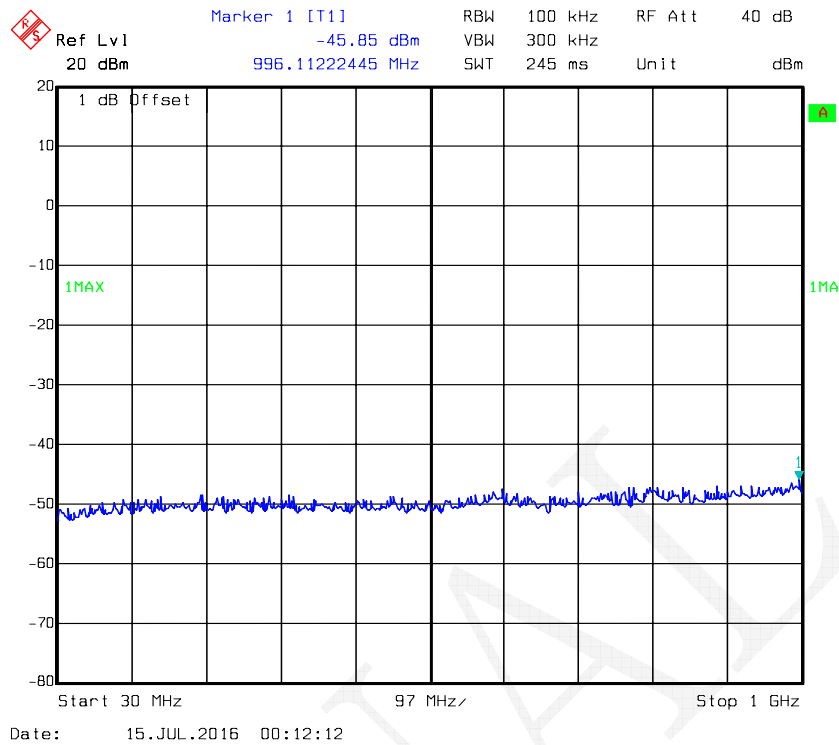


Date: 15.JUN.2016 01:08:46

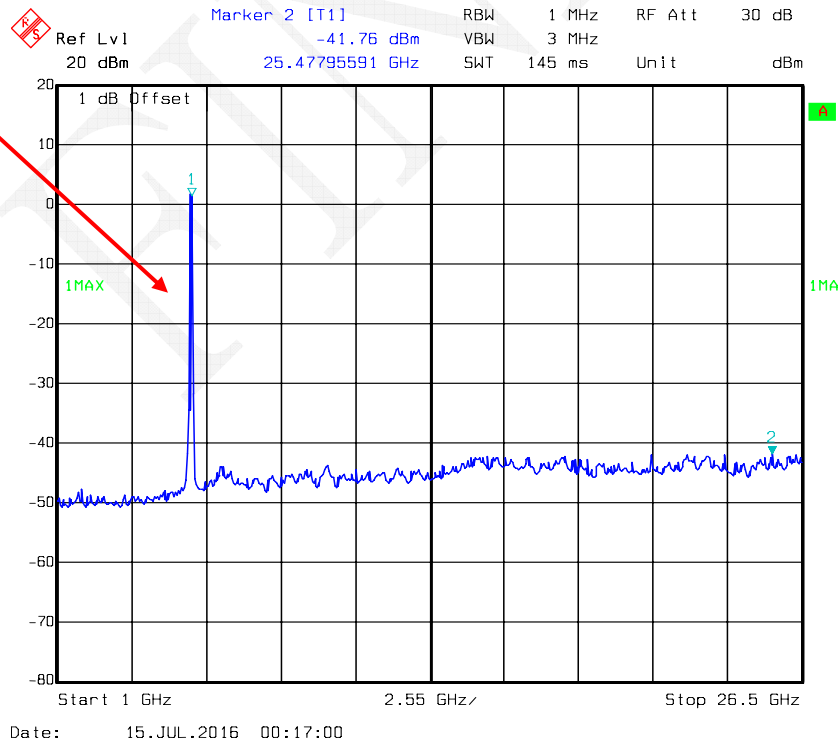


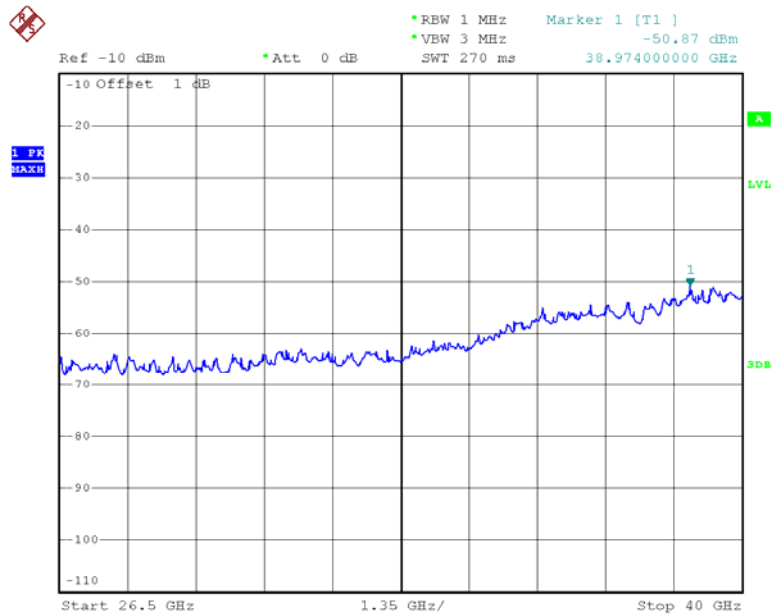
Date: 8.JUL.2016 23:22:32

Chain 0:802.11n ac80 High Channel



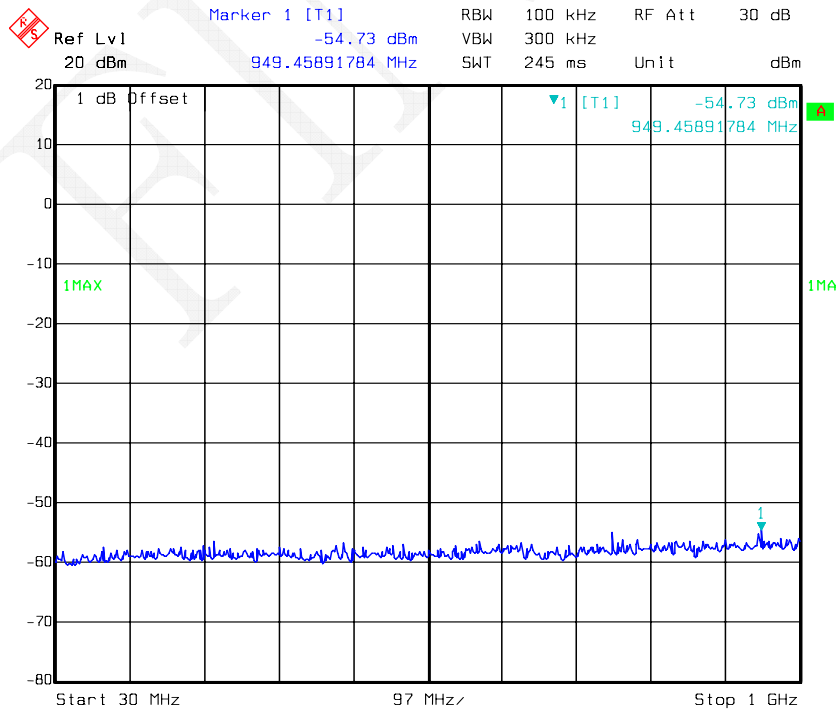
Fundamental



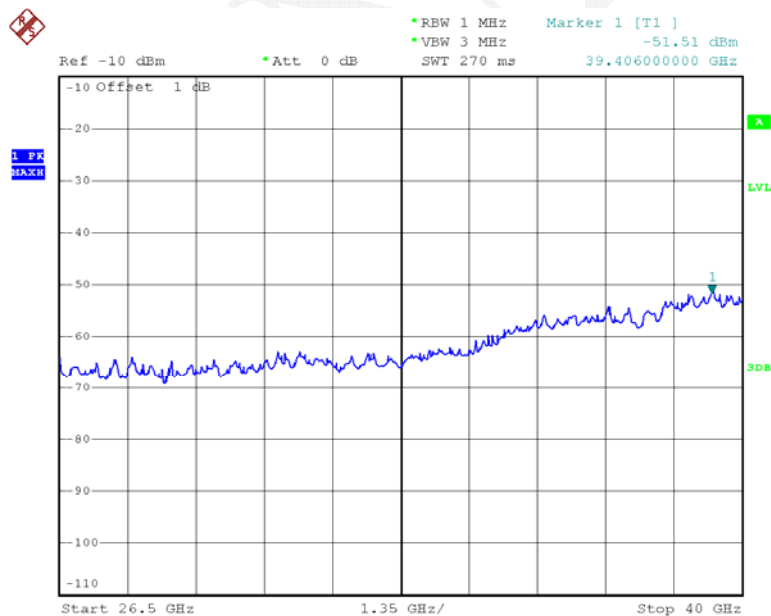
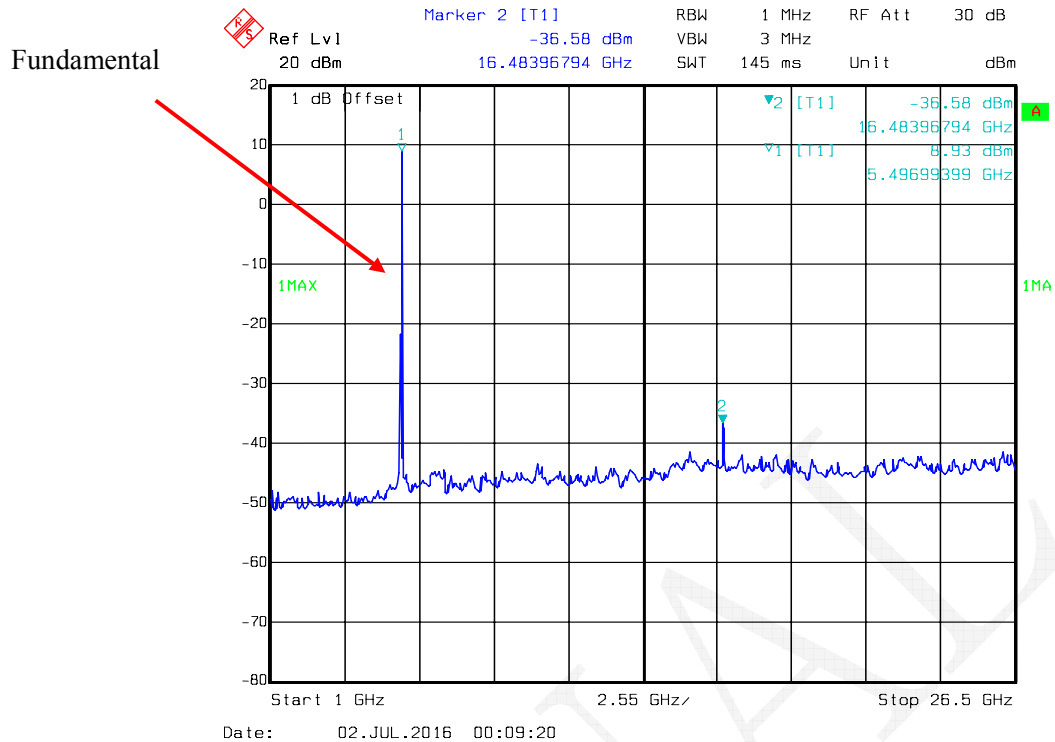


Date: 8.JUL.2016 23:09:01

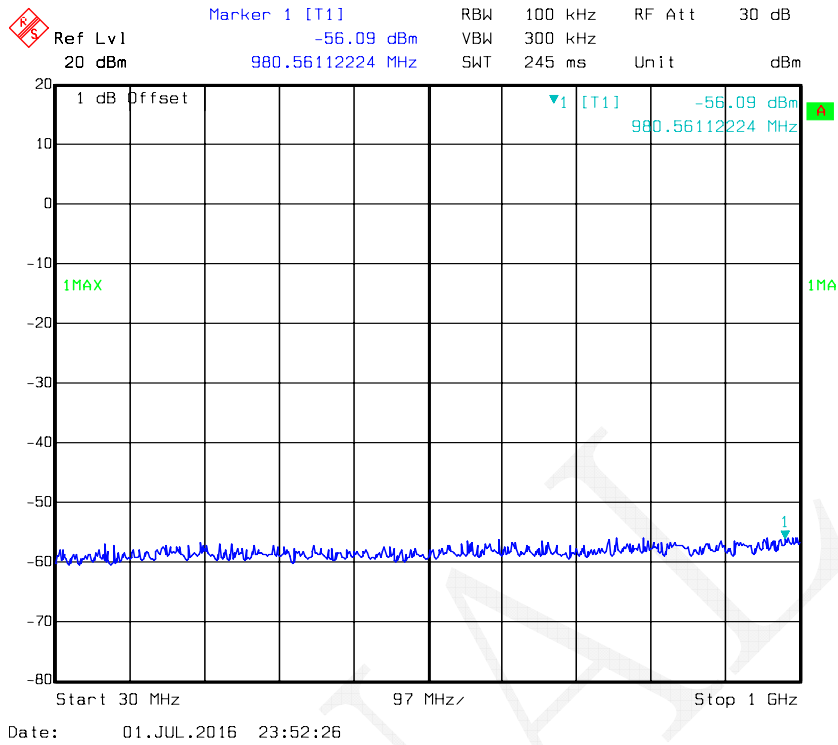
Chain 1:802.11a Low Channel



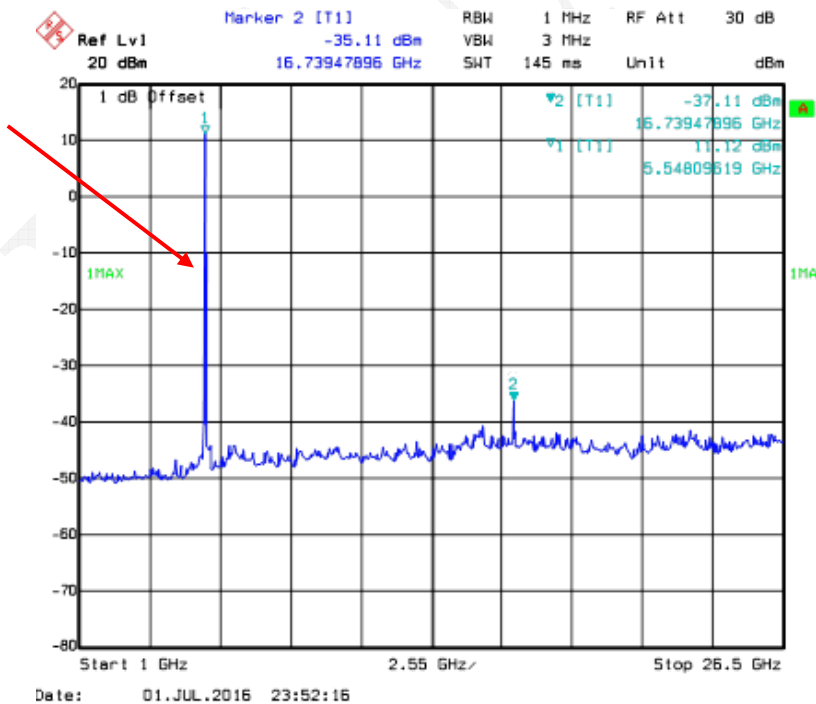
Date: 02.JUL.2016 00:09:30

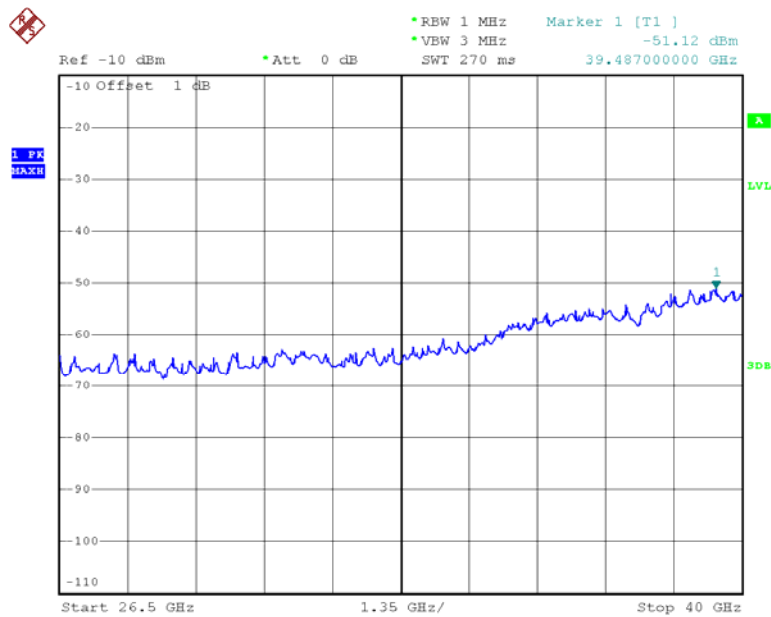


Chain 1:802.11a Middle Channel



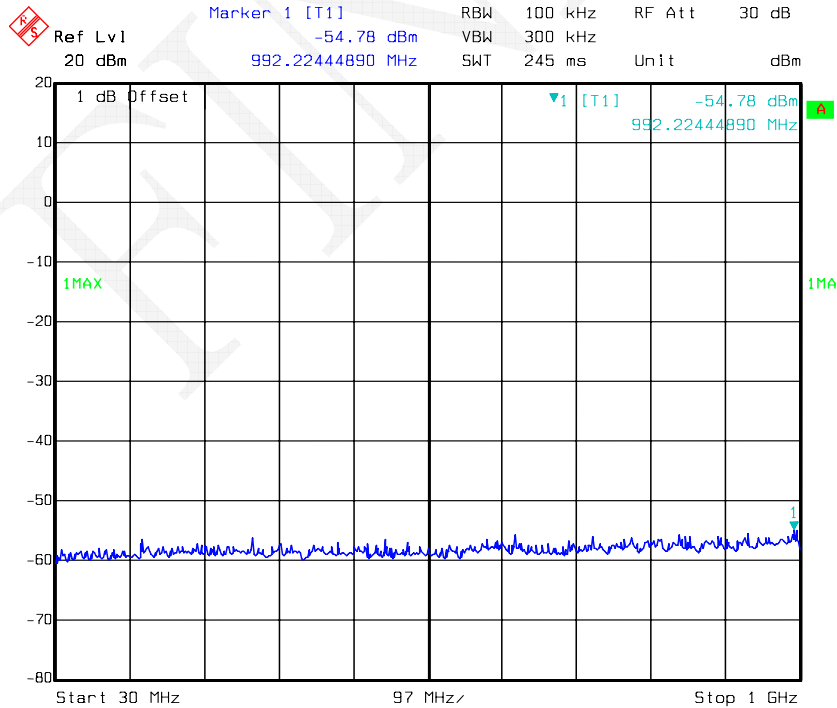
Fundamental



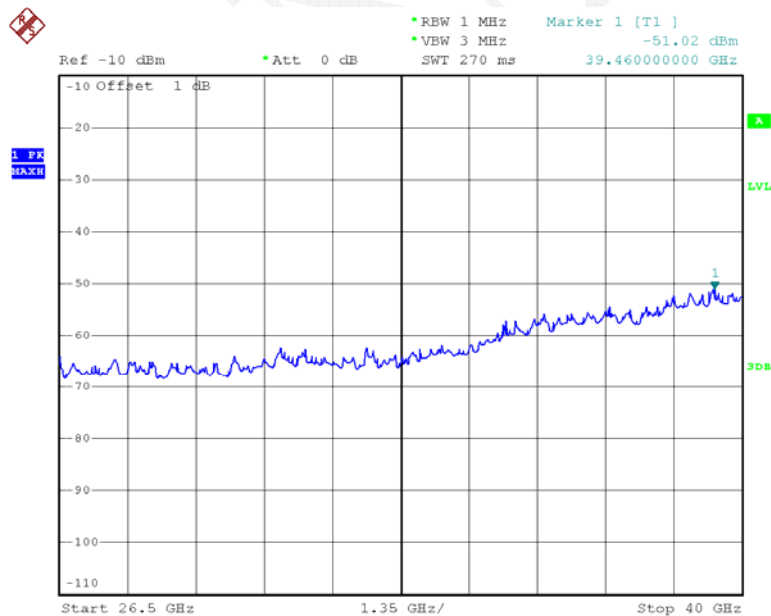
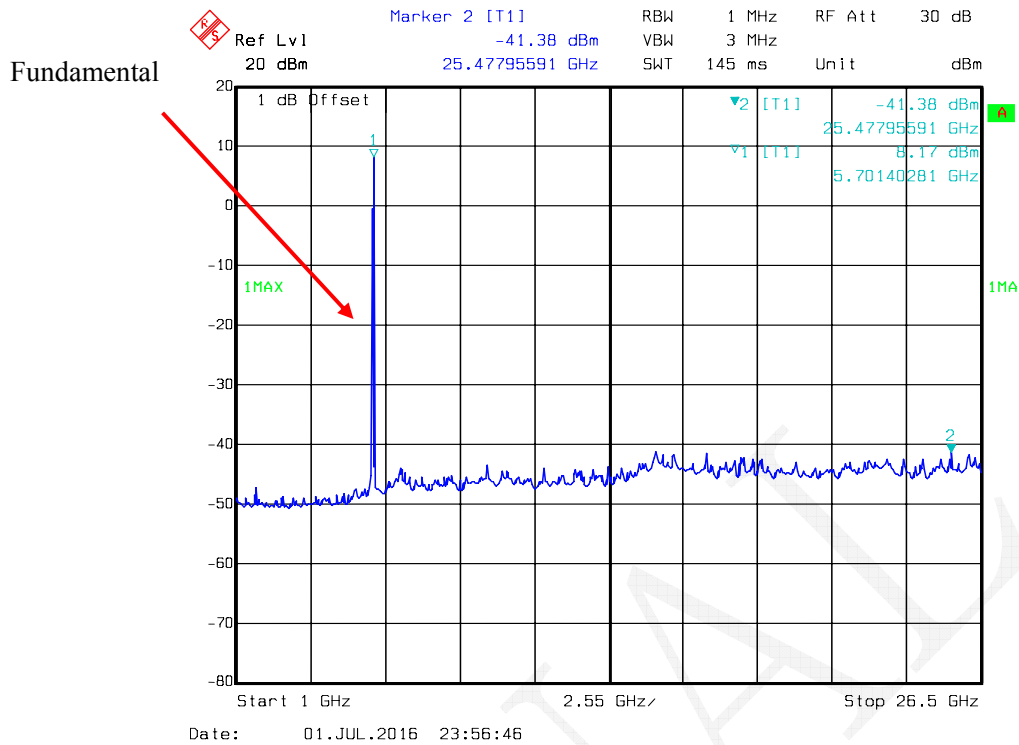


Date: 8.JUL.2016 23:22:46

Chain 1:802.11a High Channel

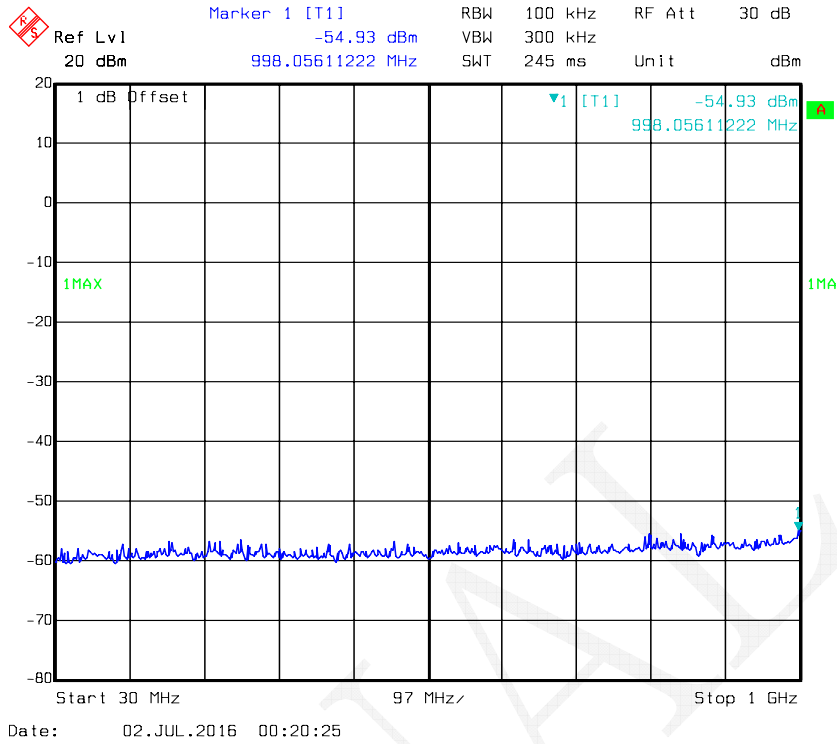


Date: 01.JUL.2016 23:56:57

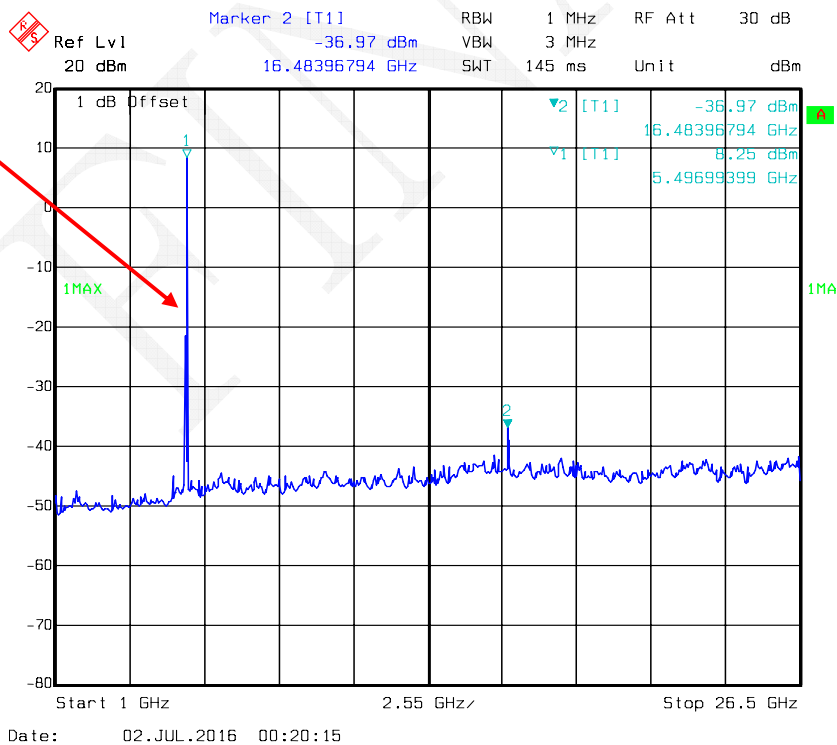


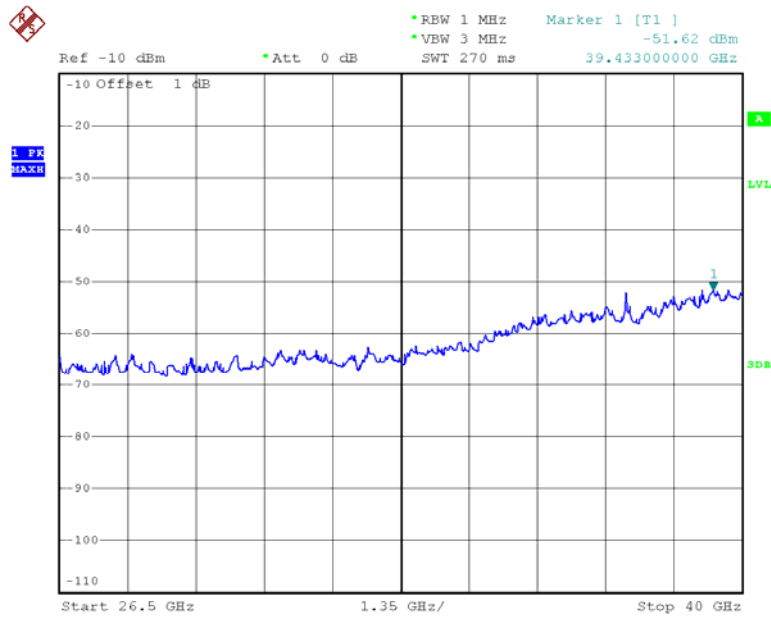
Date: 8.JUL.2016 23:22:51

Chain 1:802.11n ht20 Low Channel



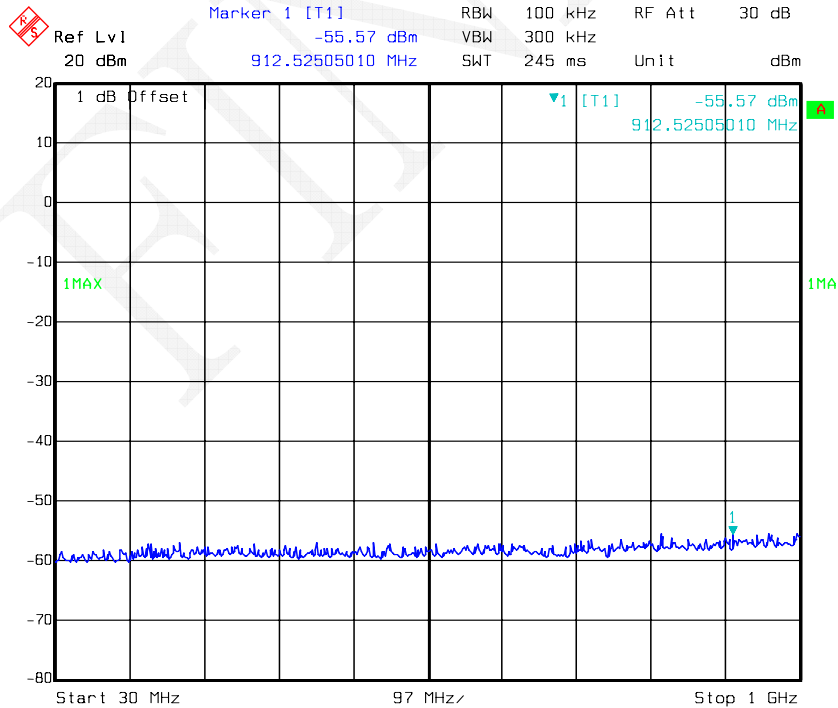
Fundamental





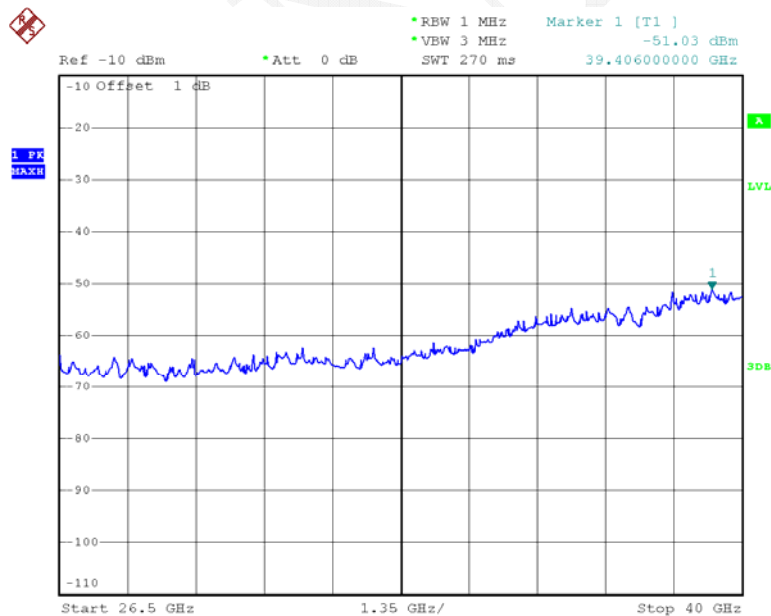
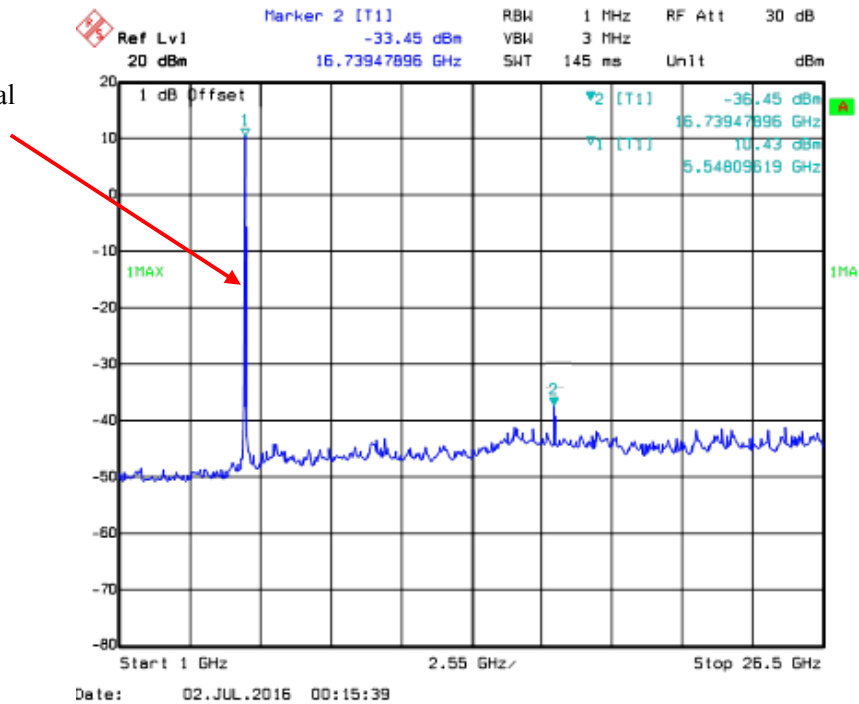
Date: 8.JUL.2016 23:22:56

Chain 1:802.11n ht20 Middle Channel



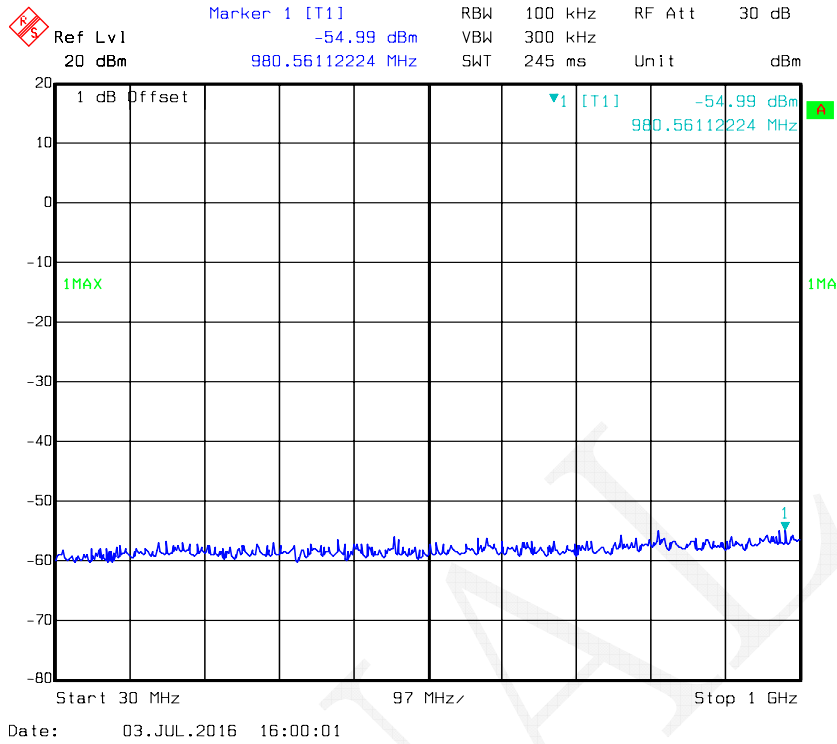
Date: 02.JUL.2016 00:15:49

Fundamental

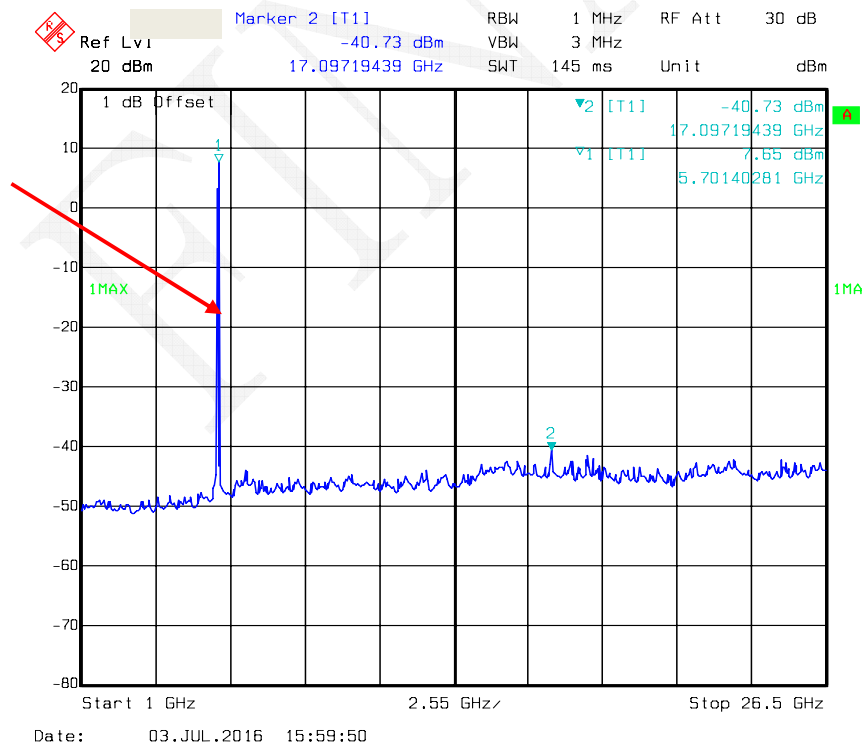


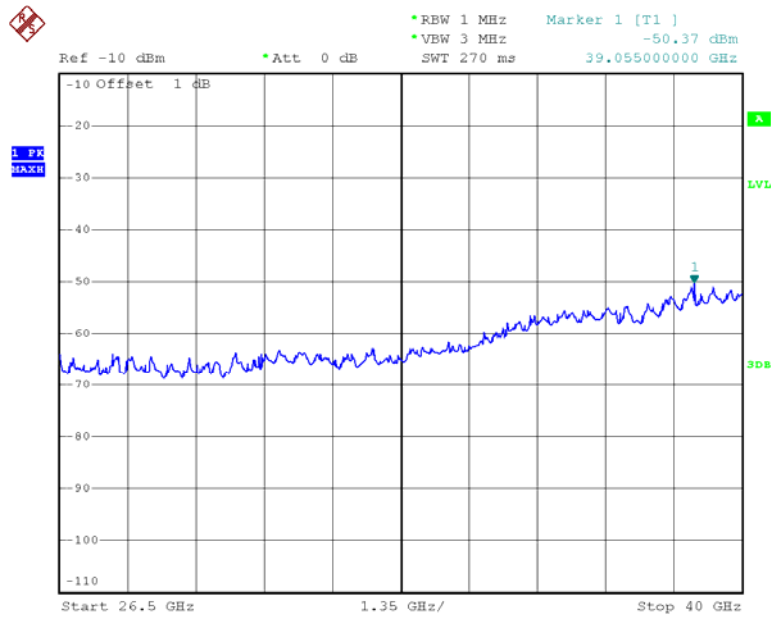
Date: 8.JUL.2016 23:23:03

Chain 1:802.11n ht20 High Channel



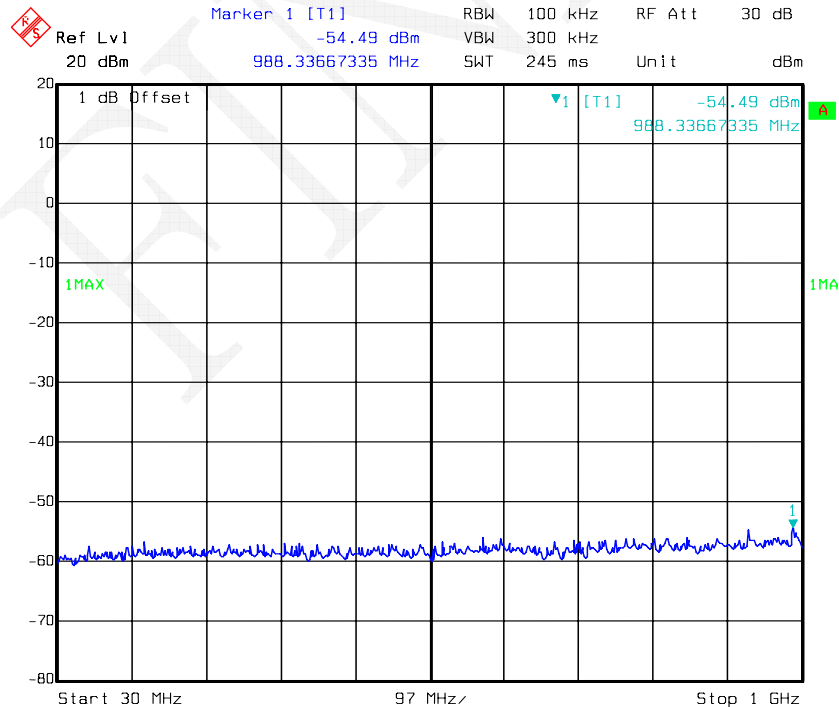
Fundamental





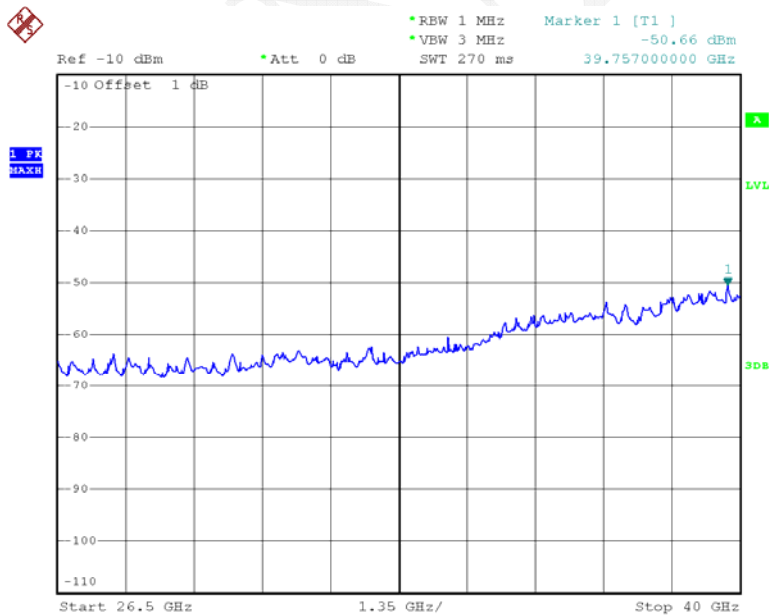
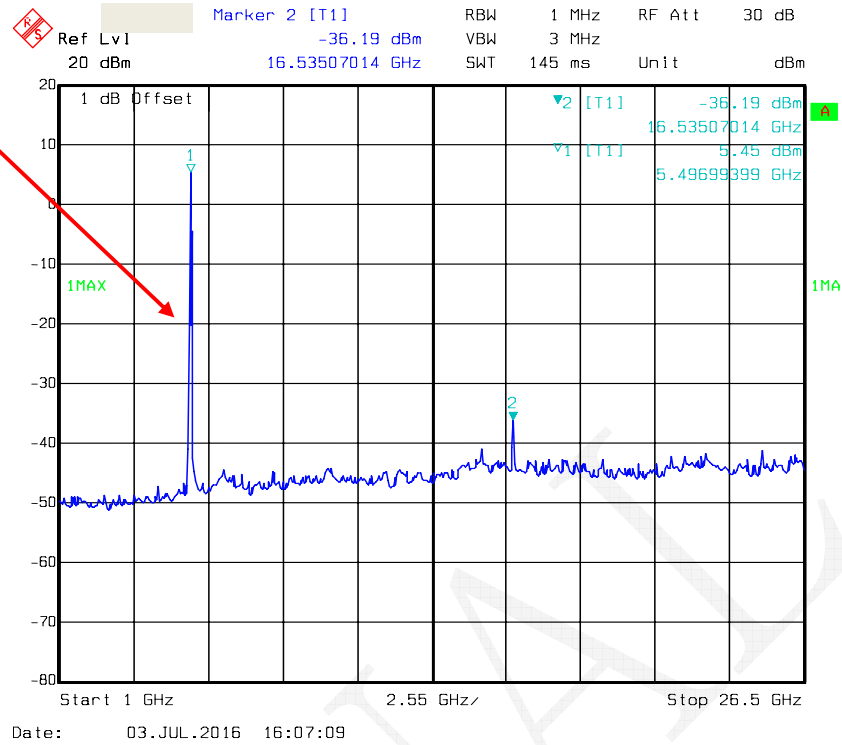
Date: 8.JUL.2016 23:23:10

Chain 1:802.11n ht40 Low Channel

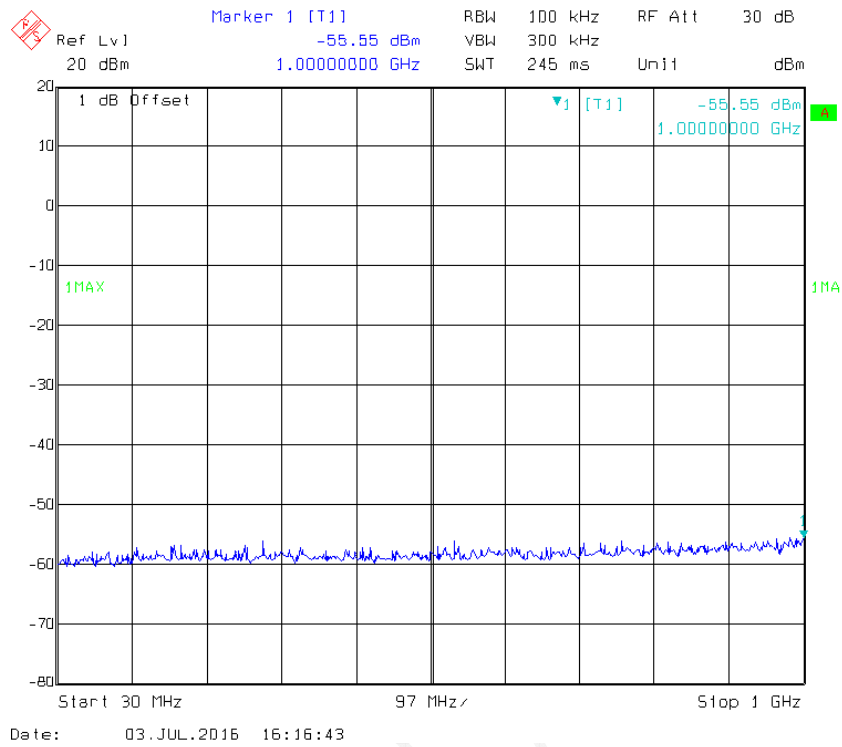


Date: 03.JUL.2016 16:07:20

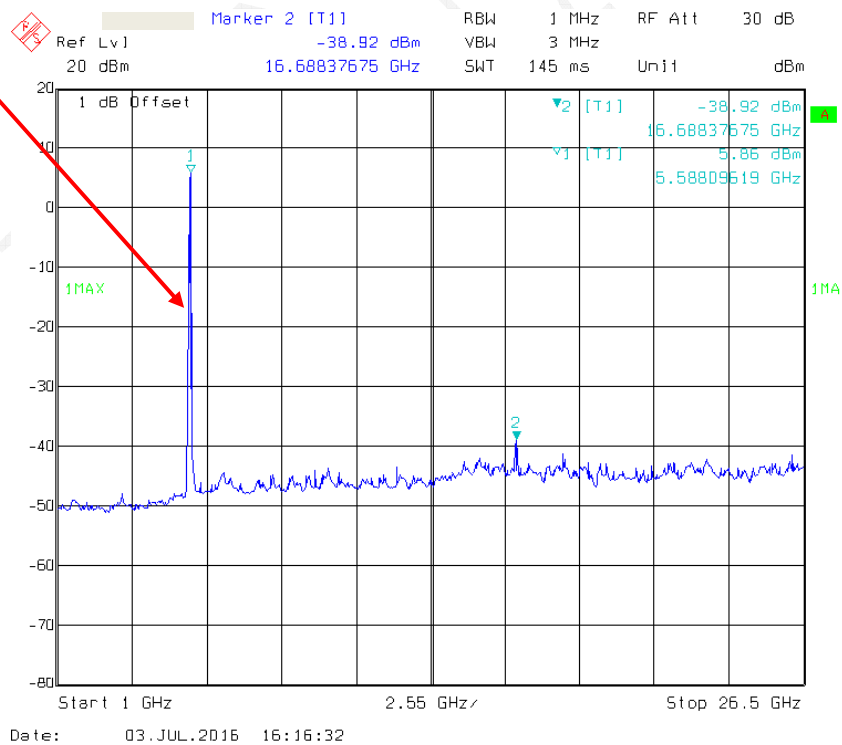
Fundamental

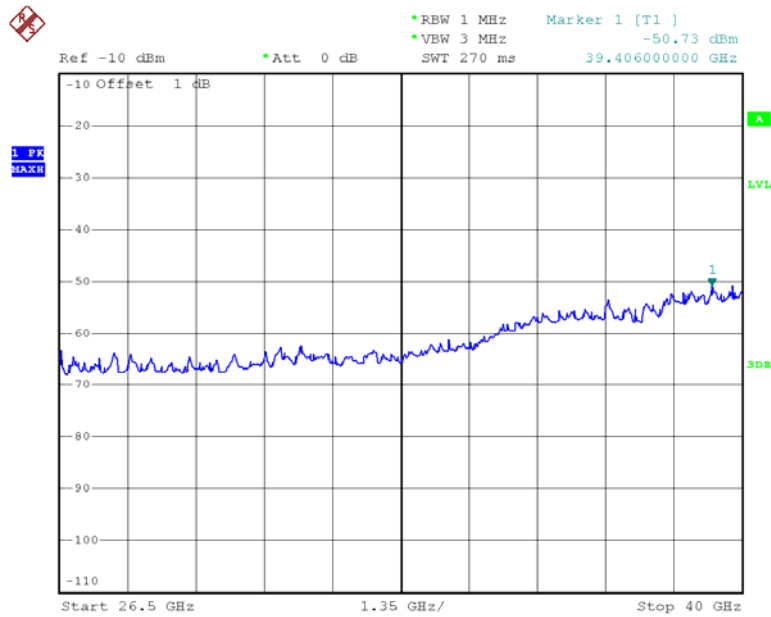


Chain 1:802.11n ht40 Middle Channel



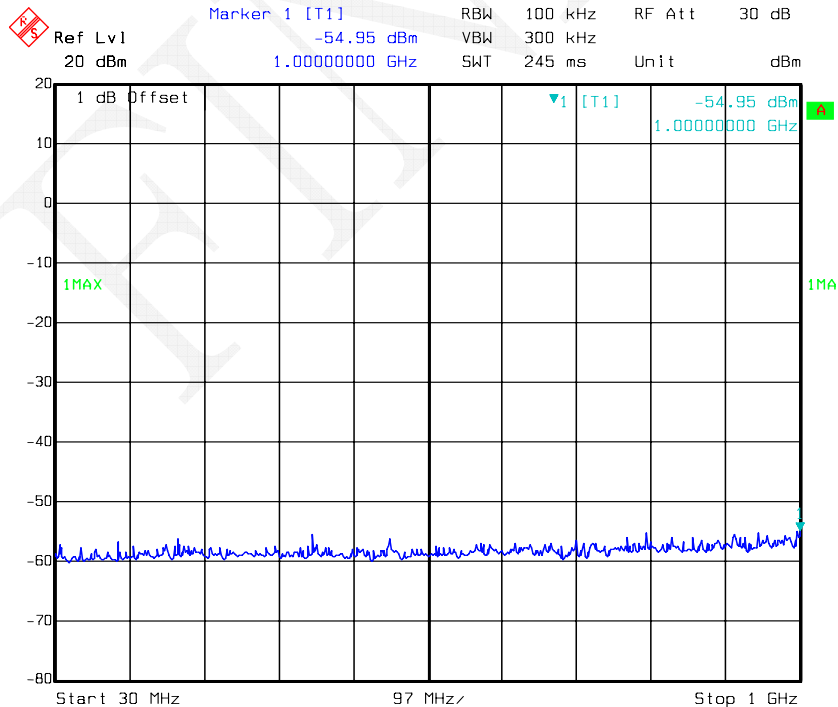
Fundamental



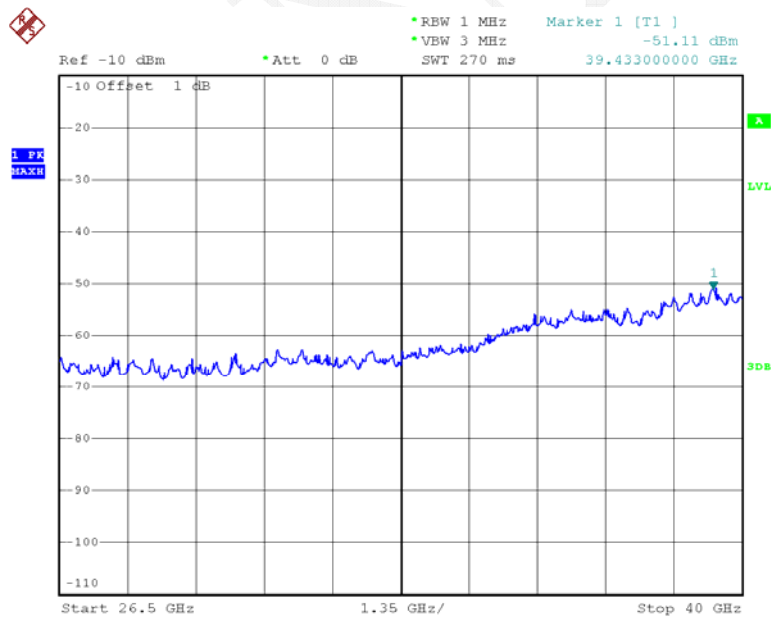
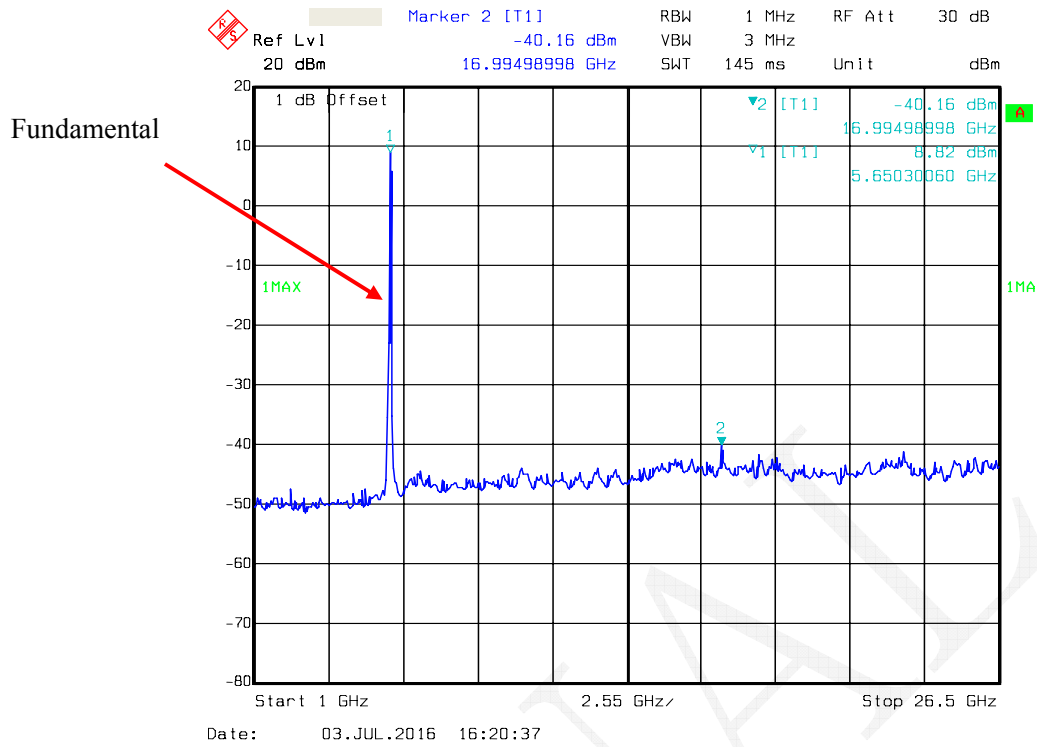


Date: 8.JUL.2016 23:23:26

Chain 1:802.11n ht40 High Channel

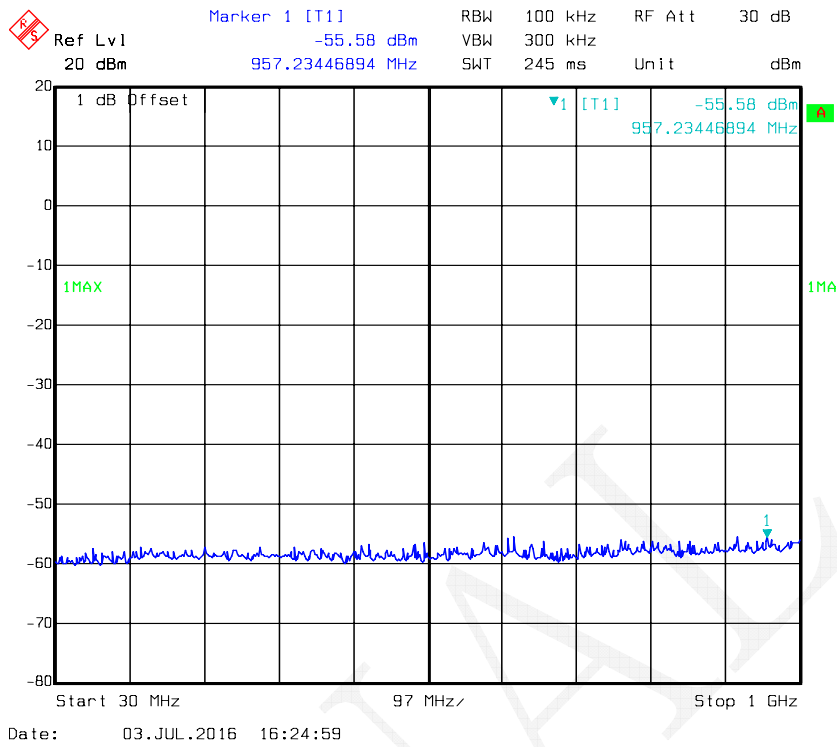


Date: 03.JUL.2016 16:20:48

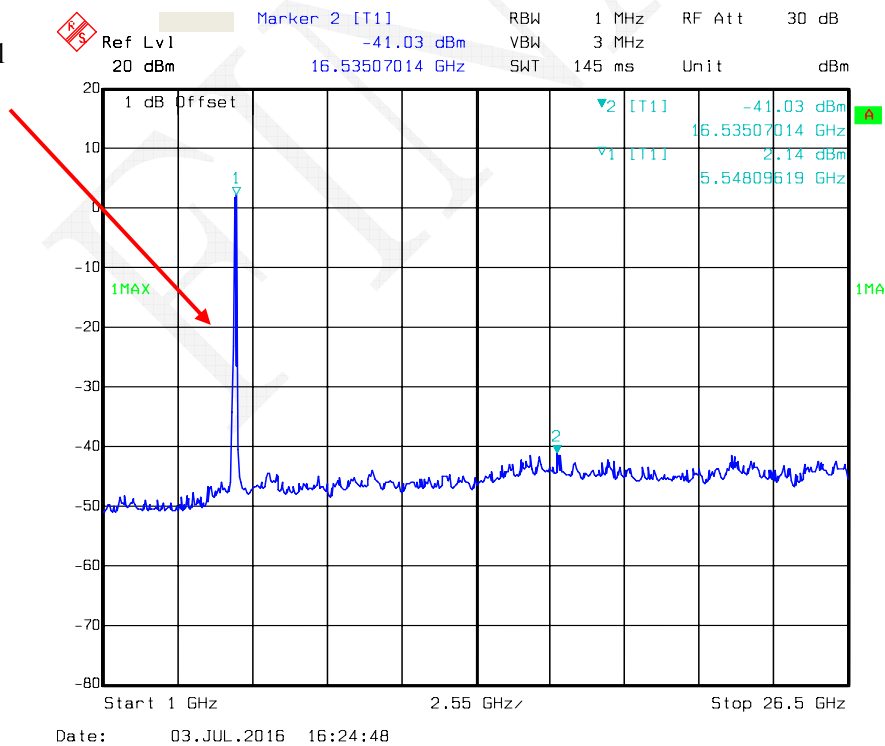


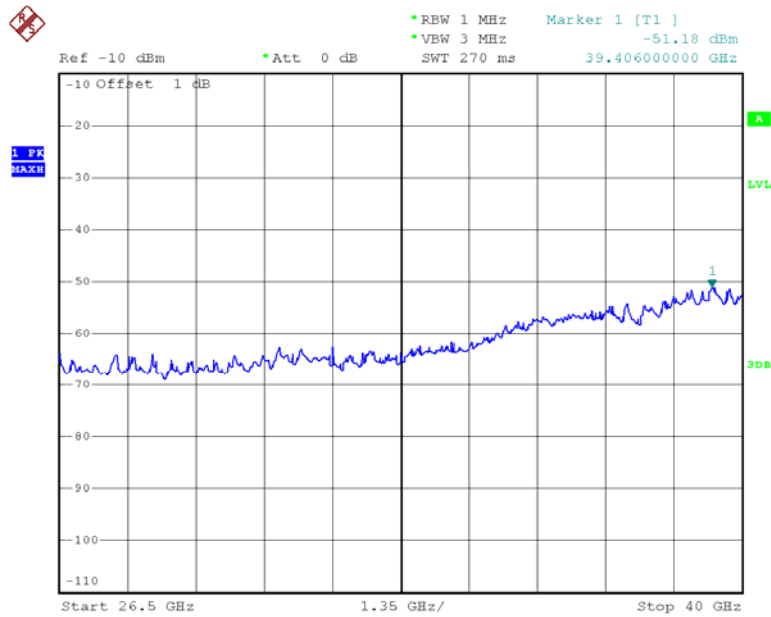
Date: 8.JUL.2016 23:23:33

Chain 1:802.11n ac80 Low Channel



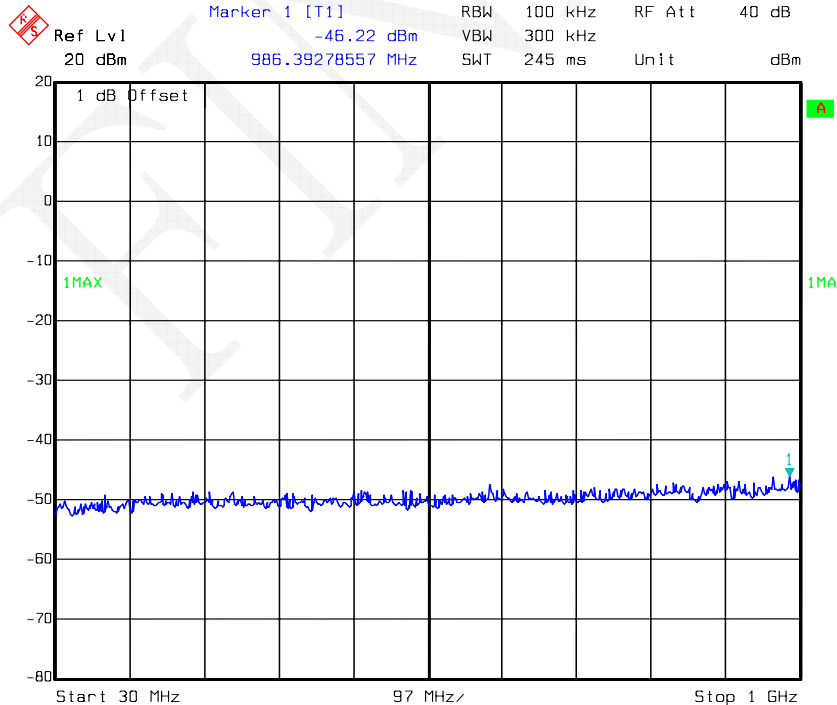
Fundamental





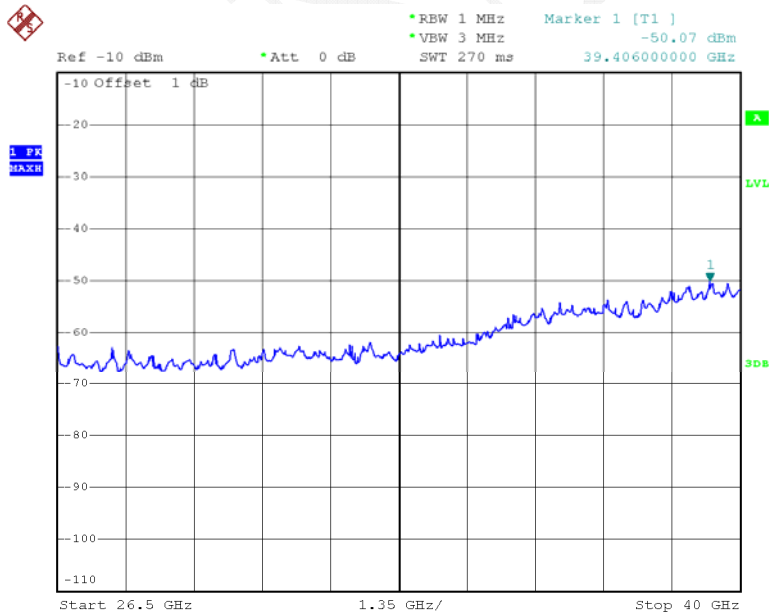
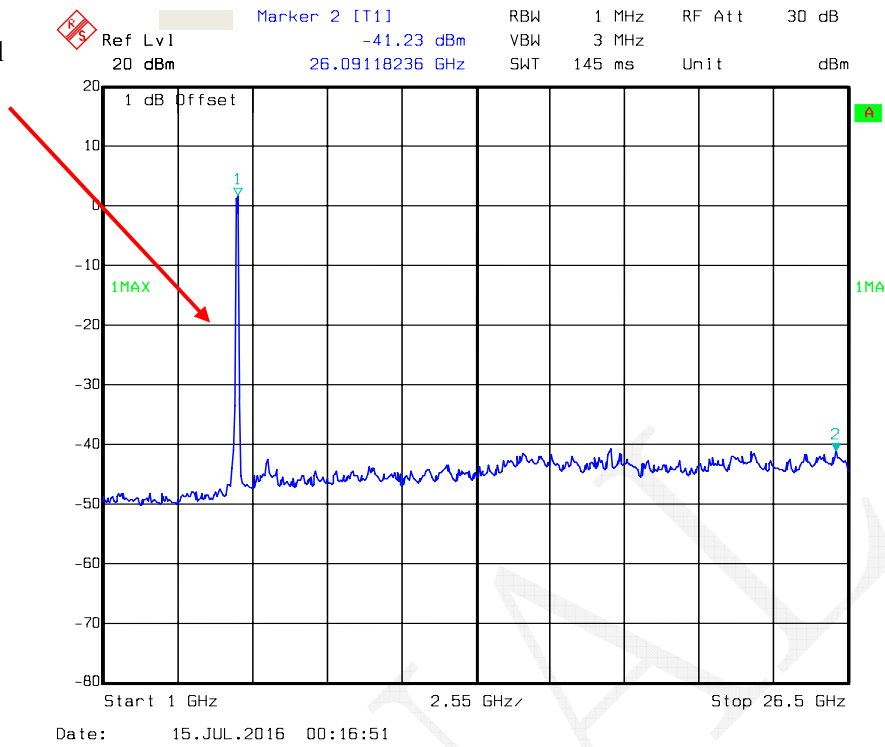
Date: 8.JUL.2016 23:23:39

Chain 1:802.11n ac80 High Channel



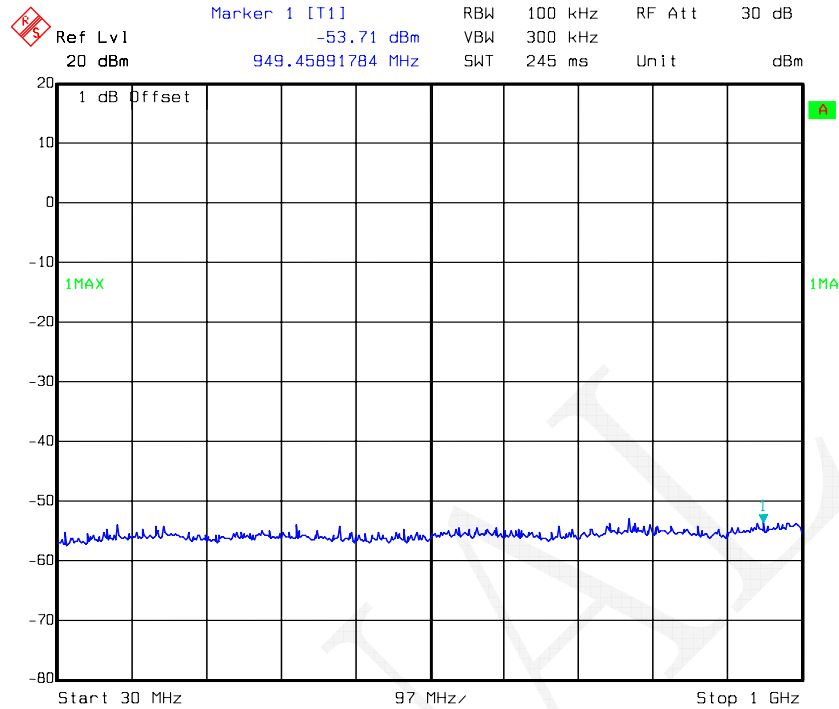
Date: 15.JUL.2016 00:12:05

Fundamental



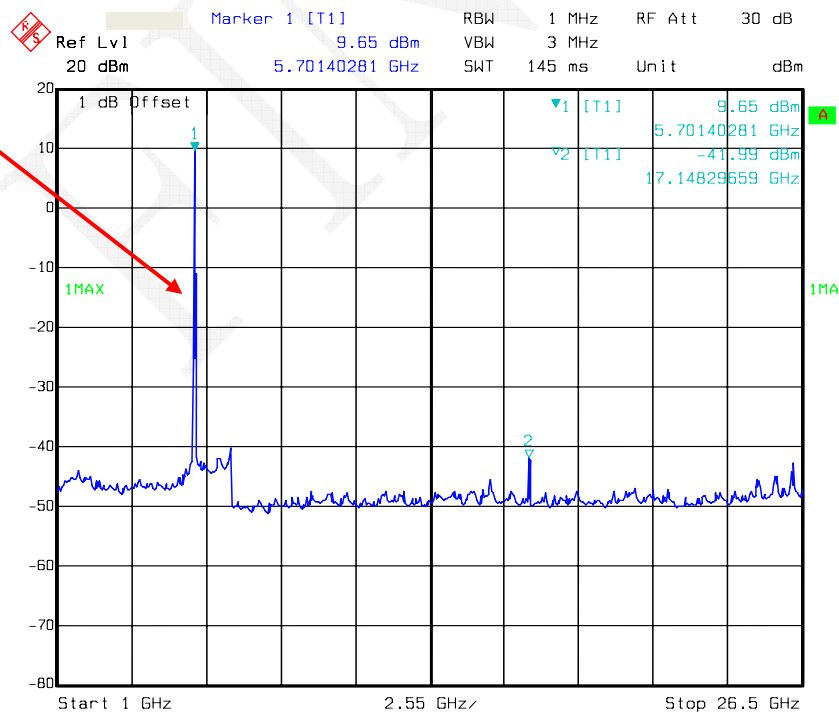
Cross Band:

Chain 0:802.11ac20 5720MHz

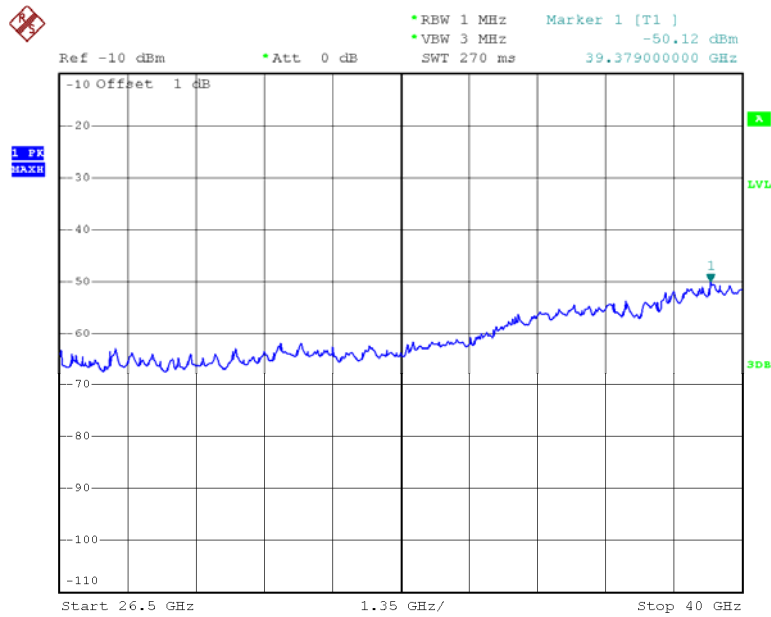


Date: 10.JUL.2016 15:17:32

Fundamental

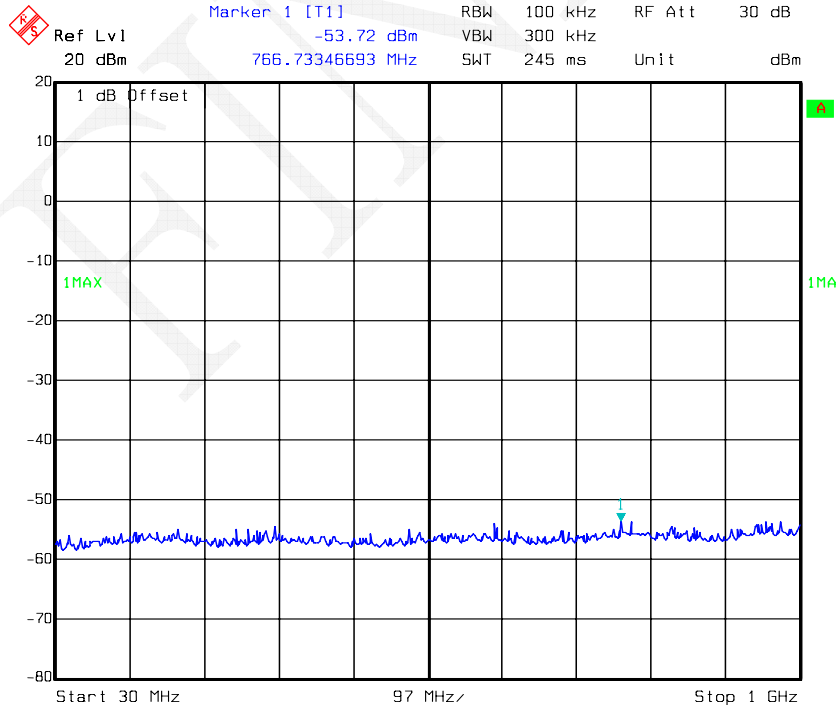


Date: 10.JUL.2016 15:36:38

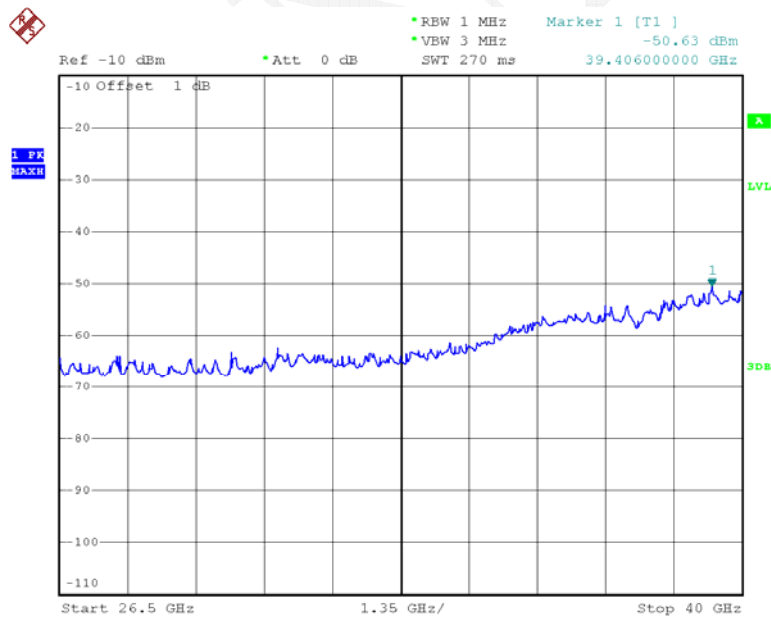
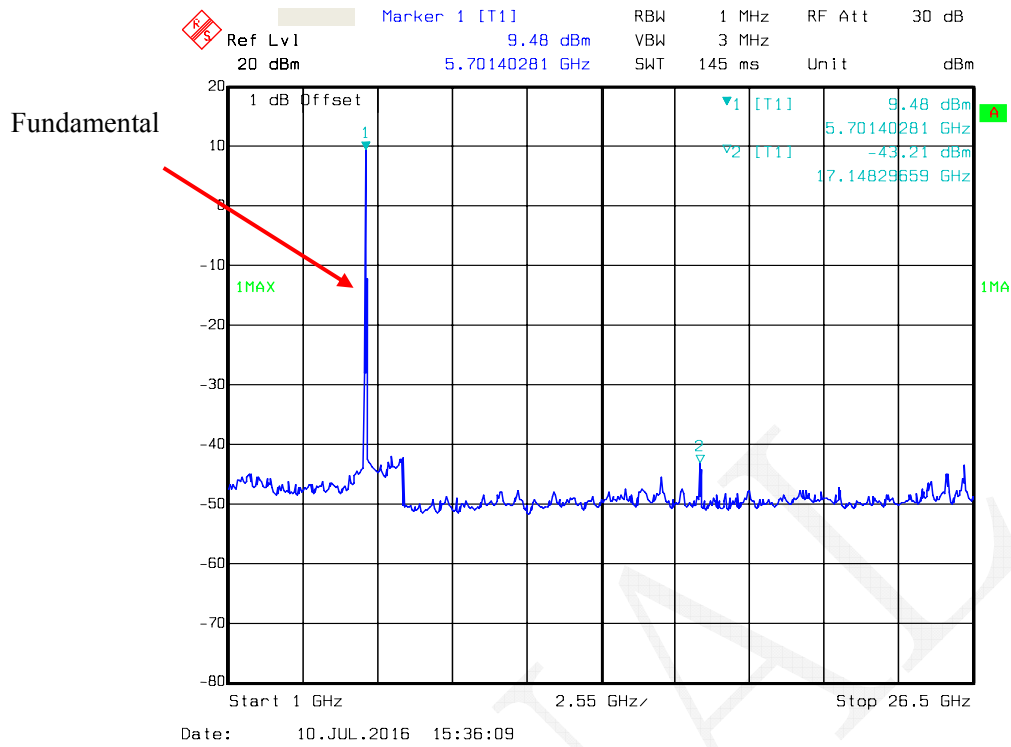


Date: 8.JUL.2016 23:24:09

Chain 1:802.11ac20 5720MHz

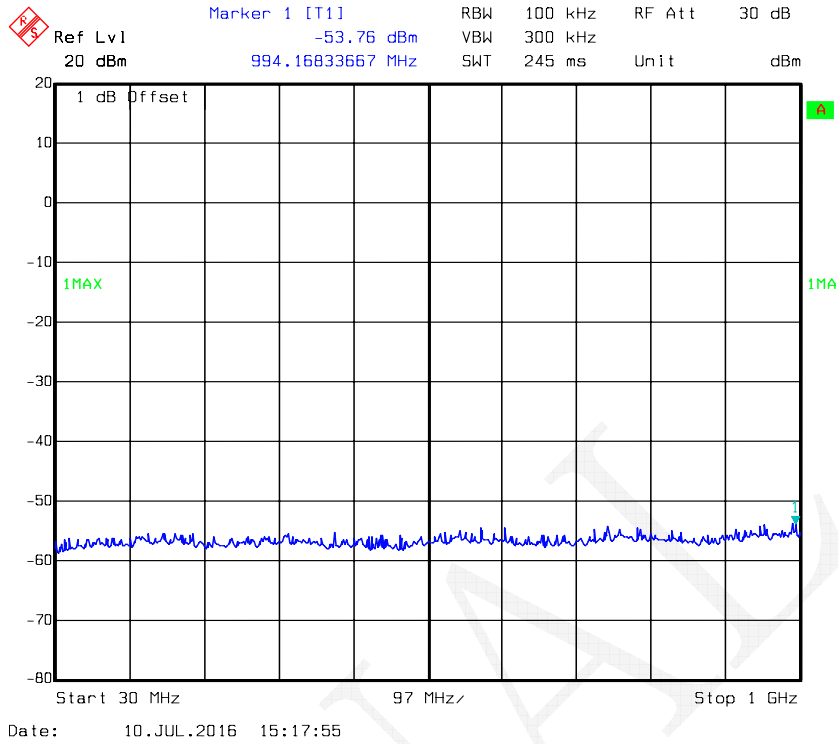


Date: 10.JUL.2016 15:17:43

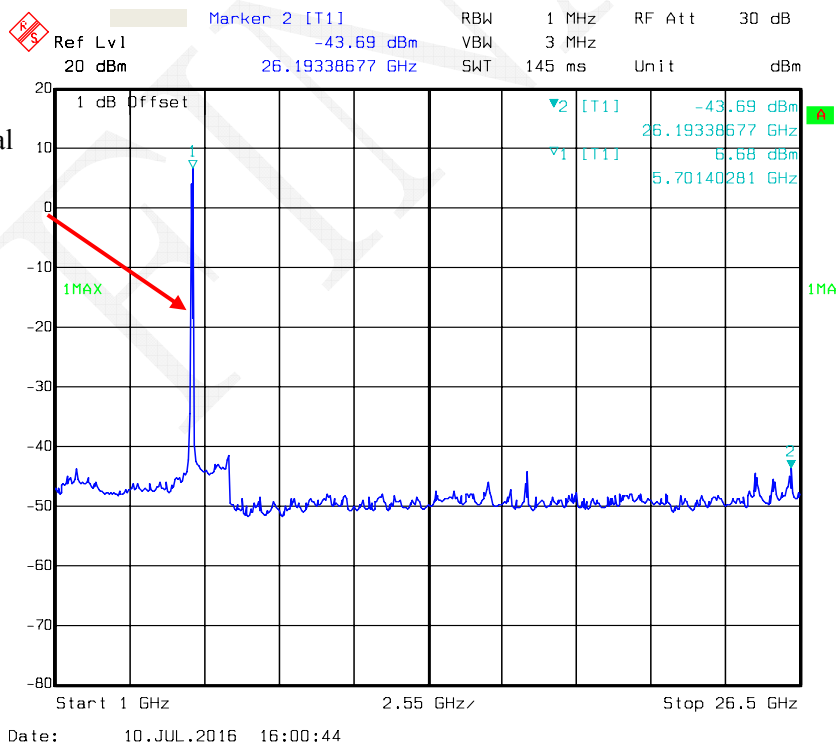


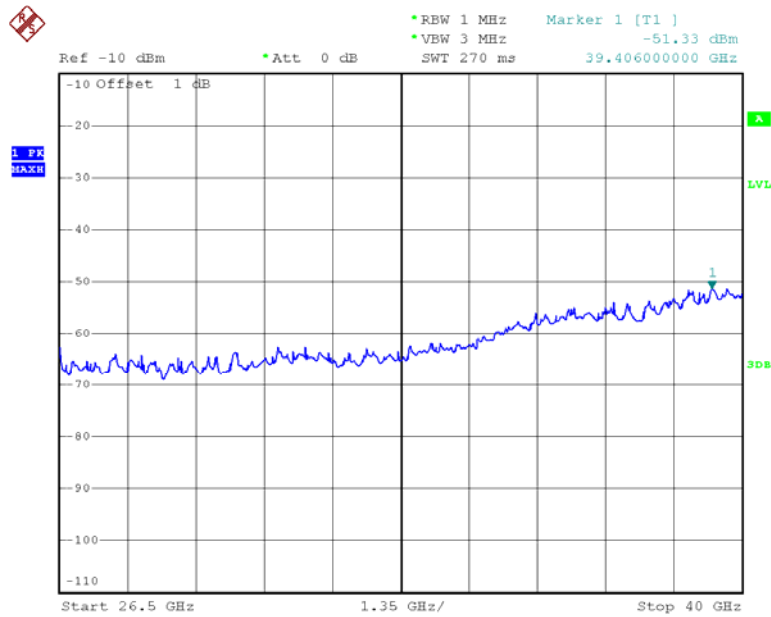
Date: 8.JUL.2016 23:24:16

Chain 0:802.11ac40 5710MHz



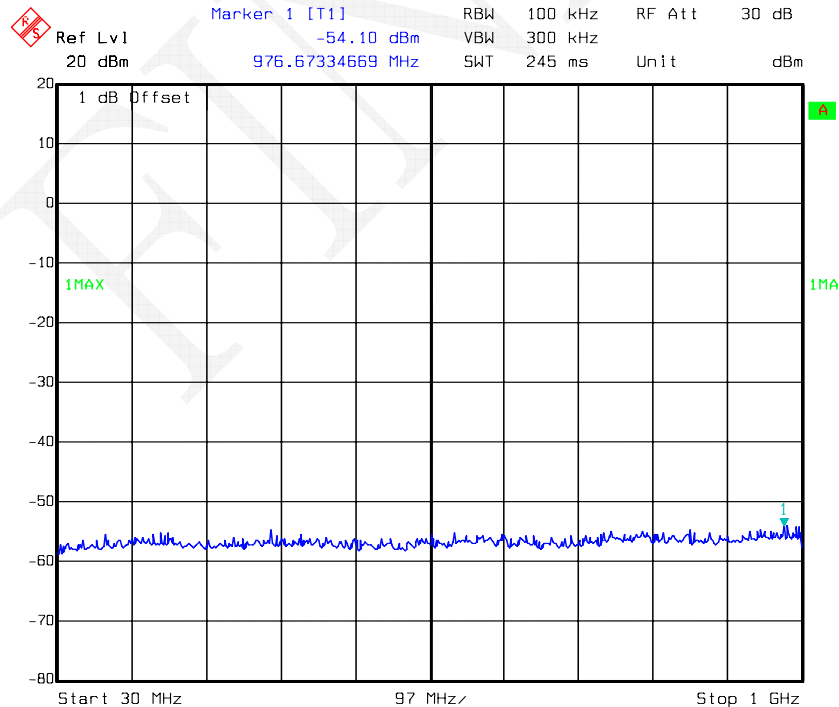
Fundamental



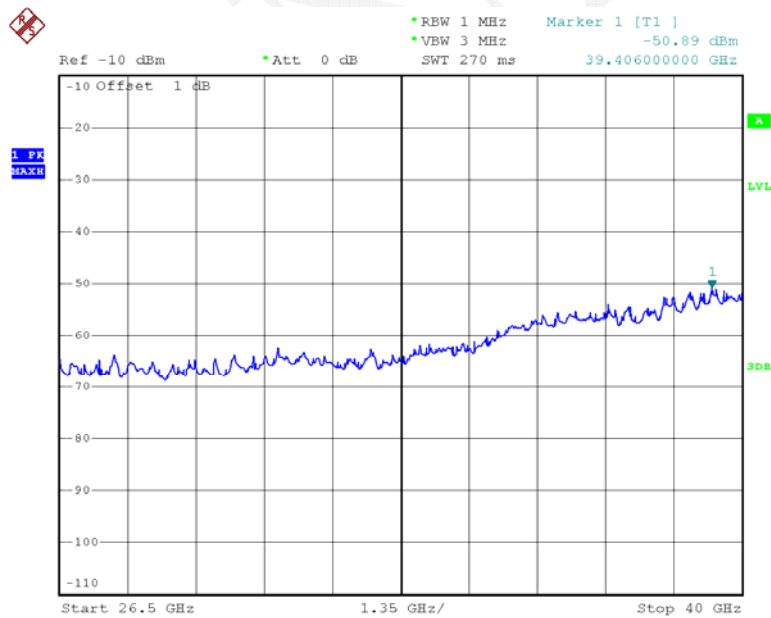
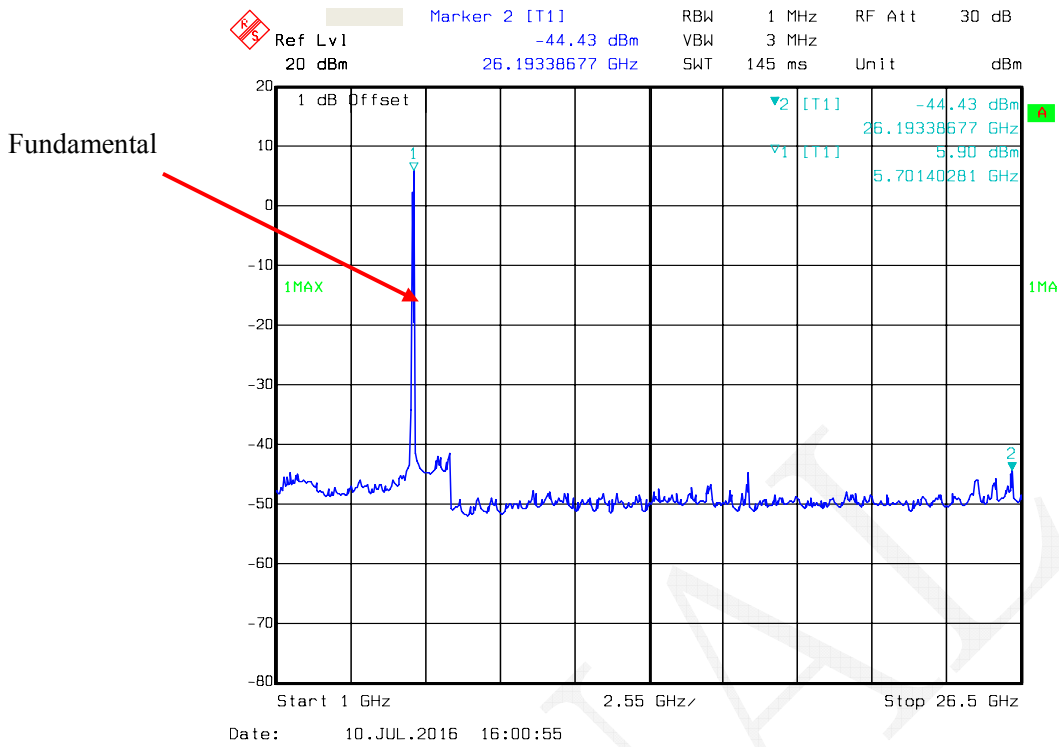


Date: 8.JUL.2016 23:24:23

Chain 1:802.11ac40 5710MHz

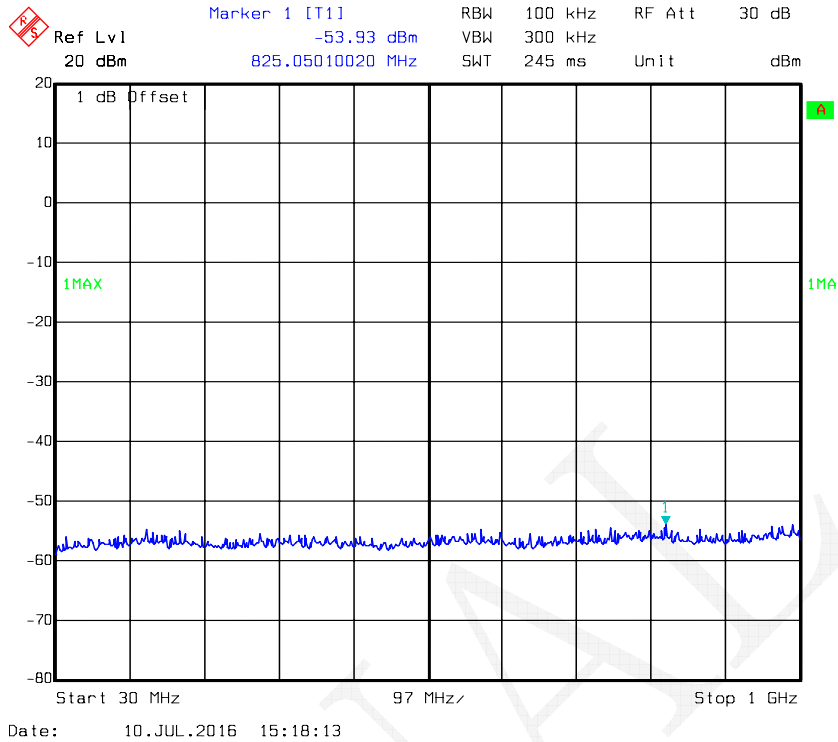


Date: 10.JUL.2016 15:18:04

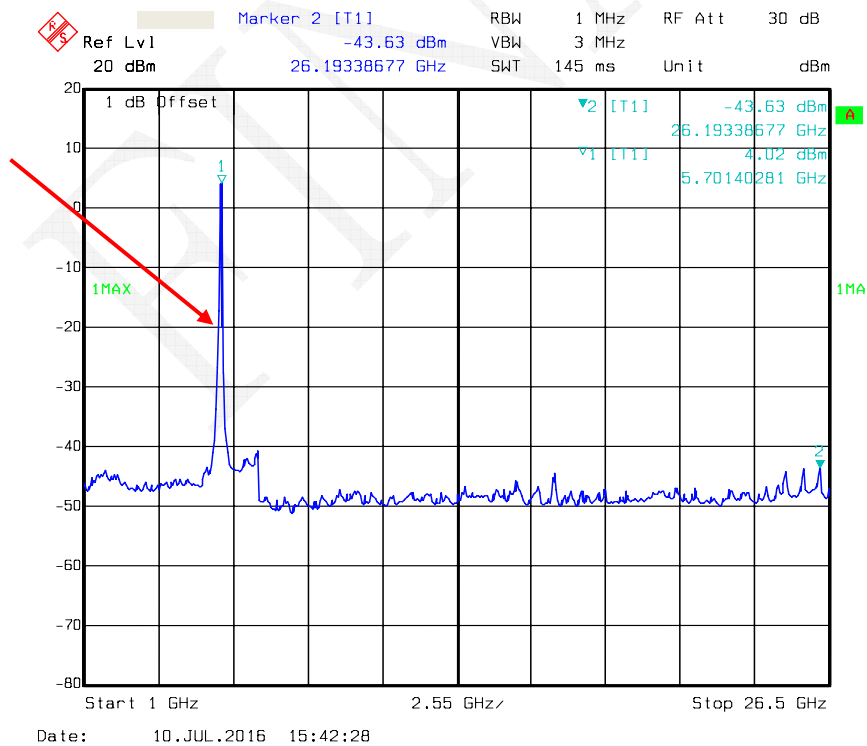


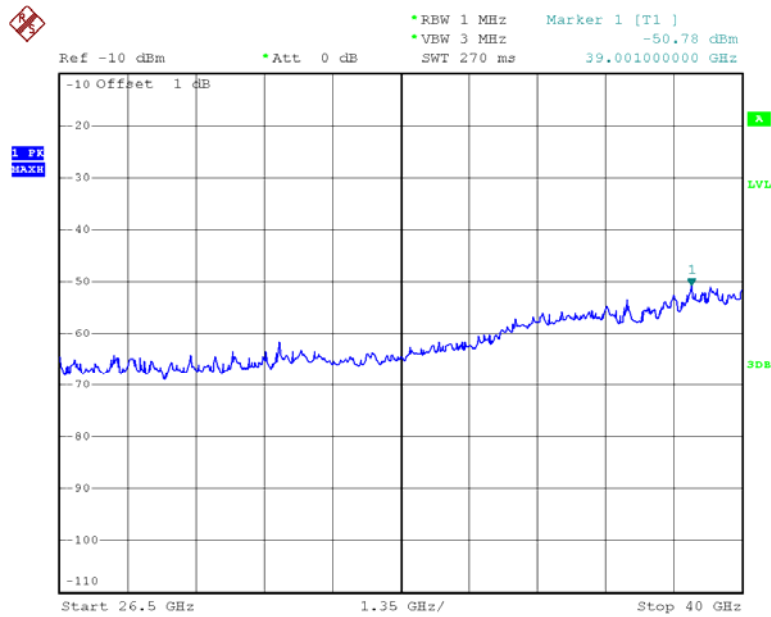
Date: 8.JUL.2016 23:24:29

Chain 0:802.11ac80 5690MHz



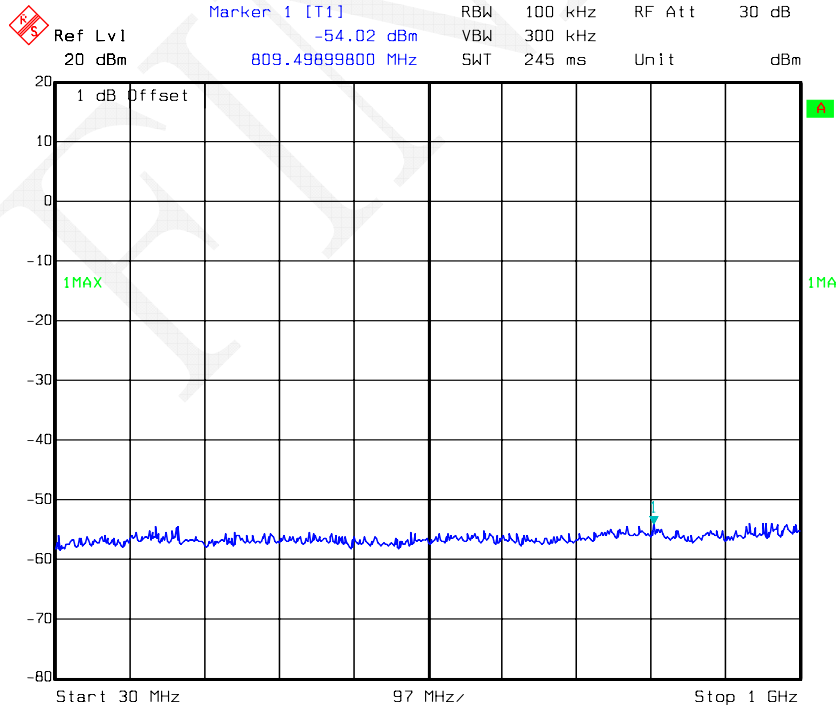
Fundamental



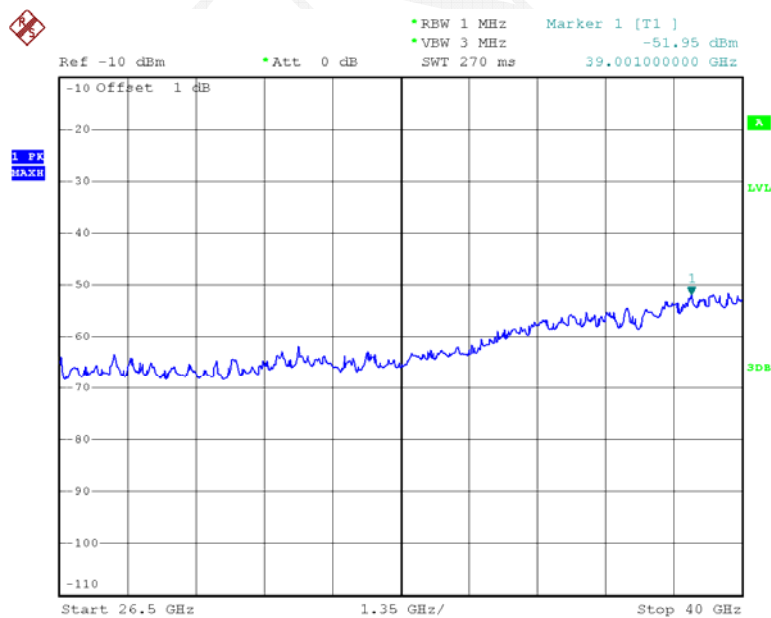
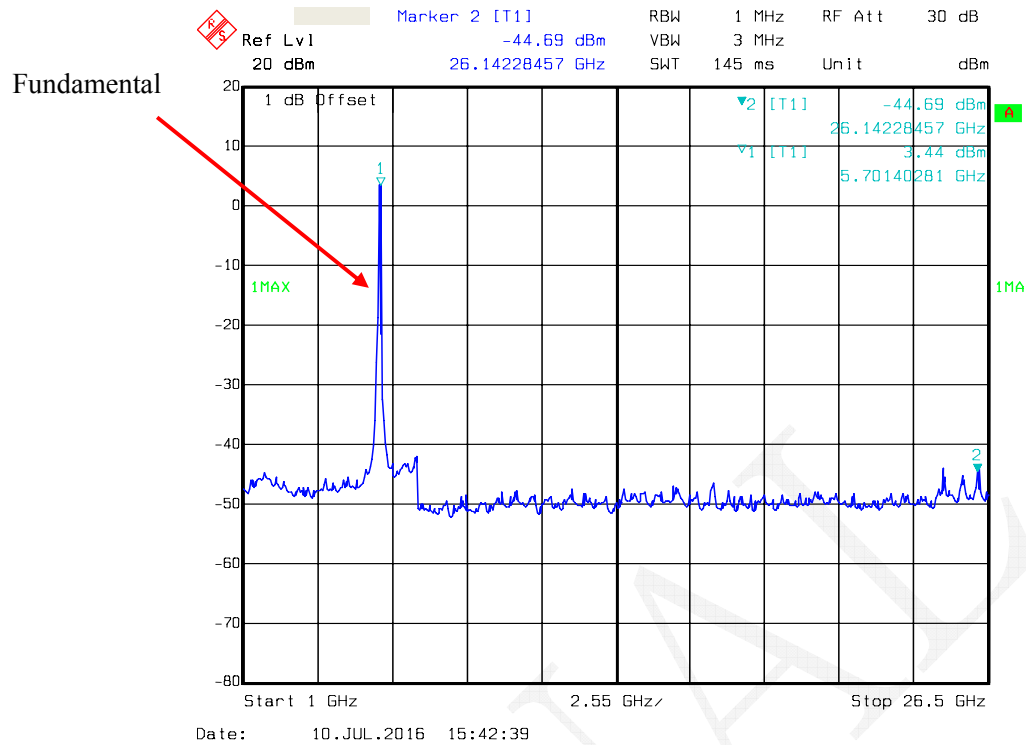


Date: 8.JUL.2016 23:24:35

Chain 1:802.11ac80 5690MHz



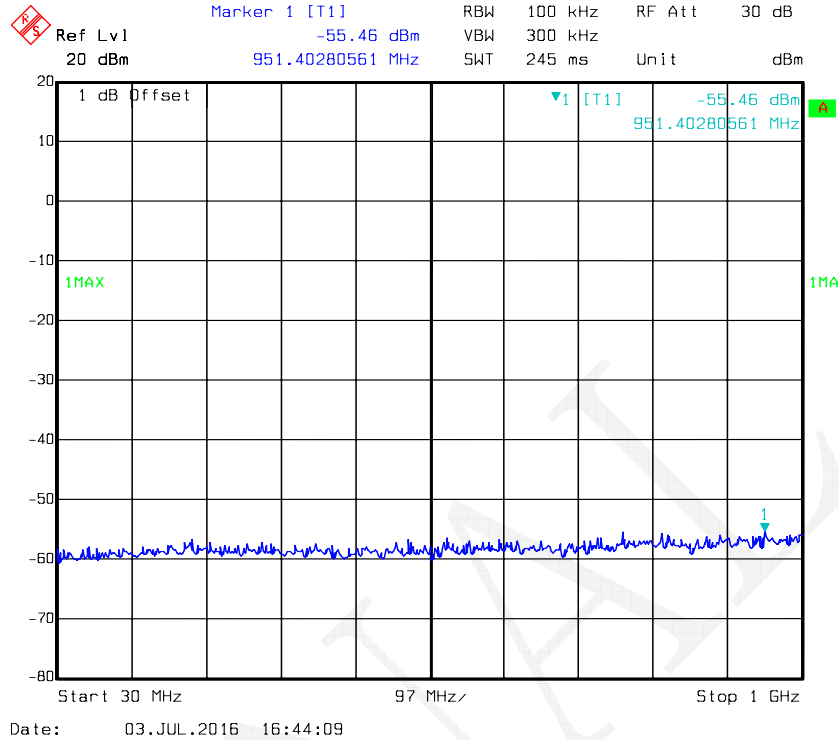
Date: 10.JUL.2016 15:18:24



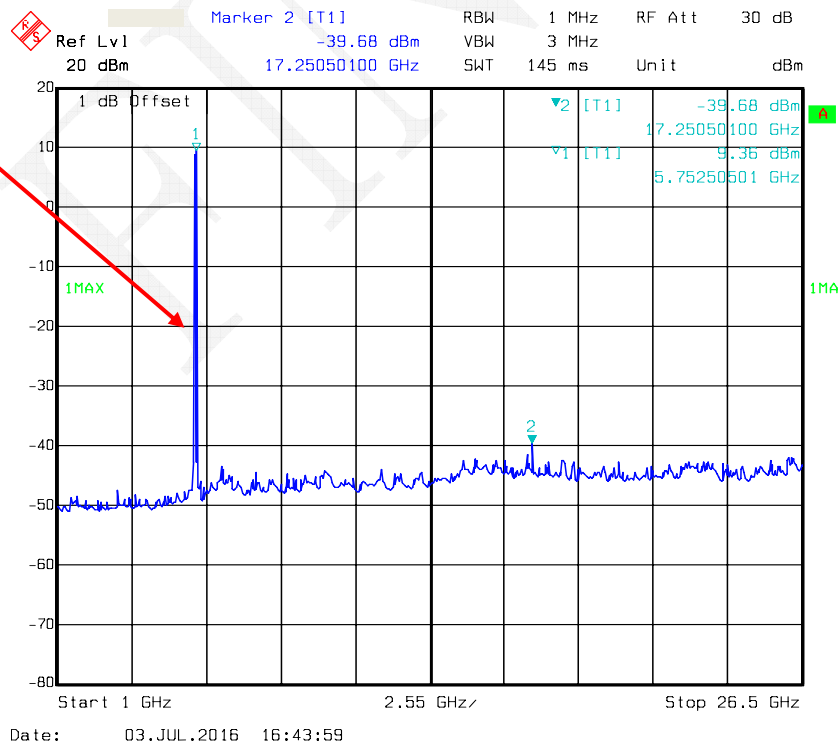
Date: 8.JUL.2016 23:24:41

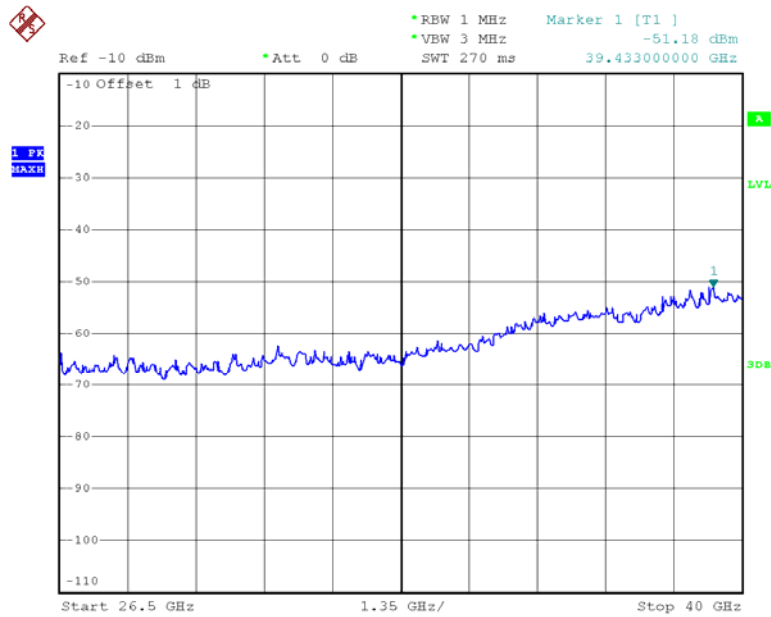
5725-5850MHz:

Chain 0:802.11a Low Channel



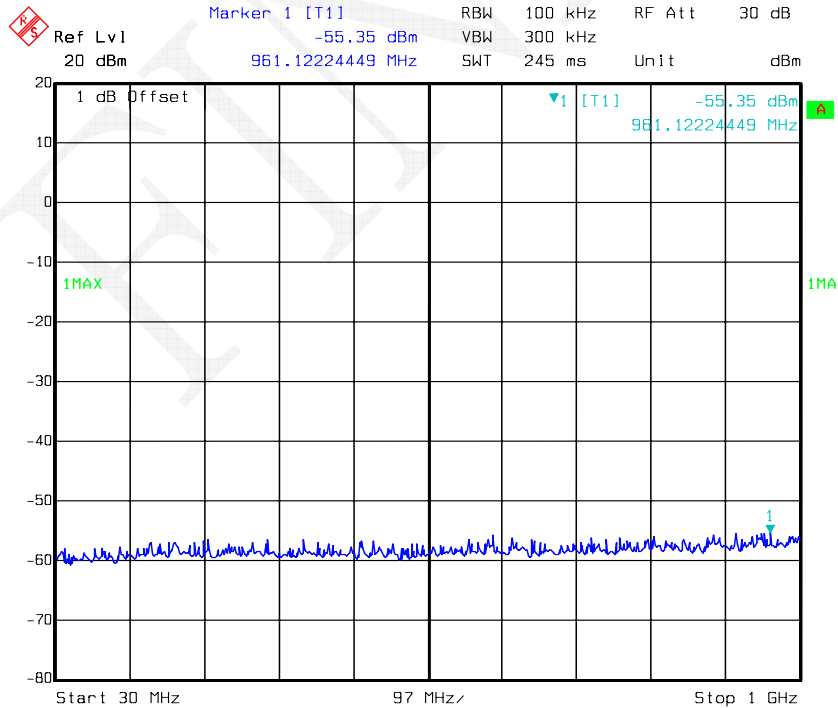
Fundamental





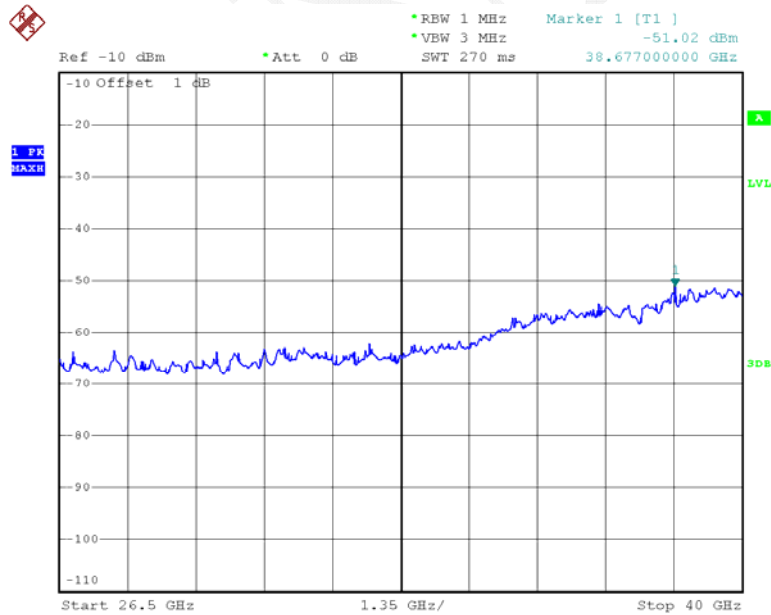
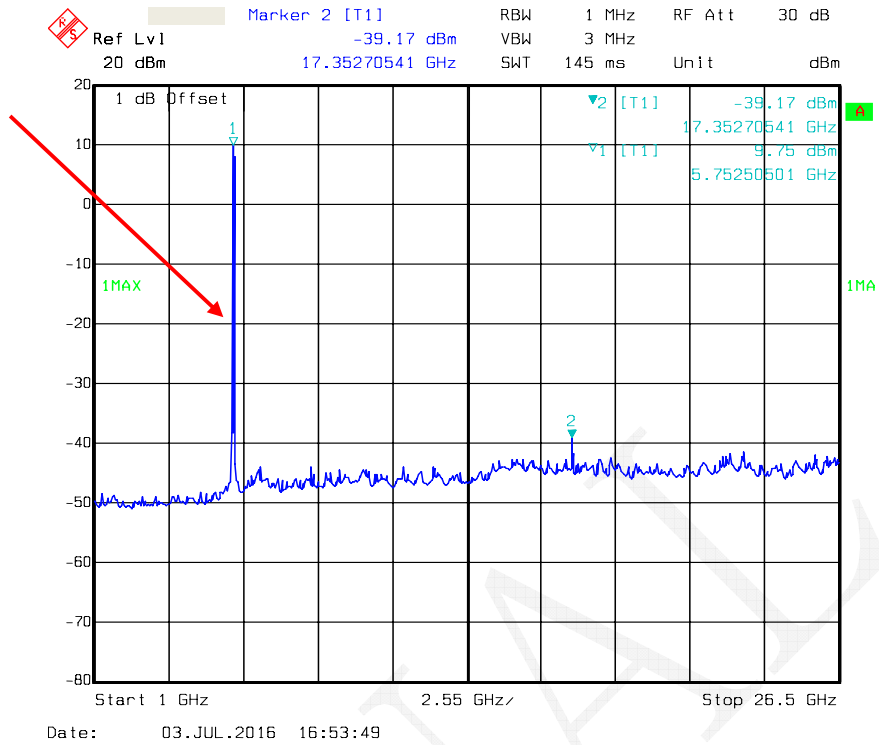
Date: 8.JUL.2016 23:24:47

Chain 0:802.11a Middle Channel

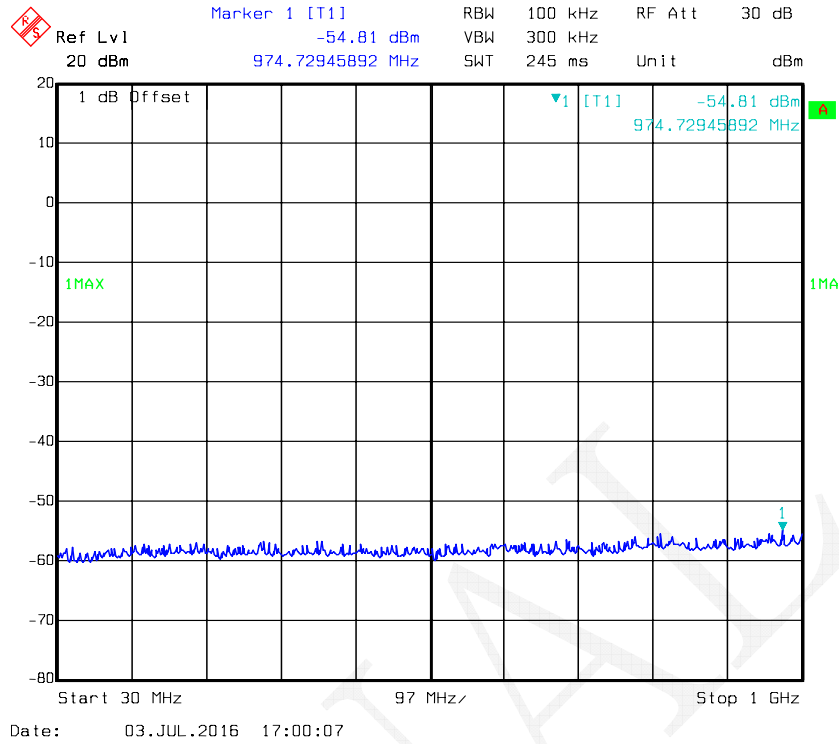


Date: 03.JUL.2016 16:53:59

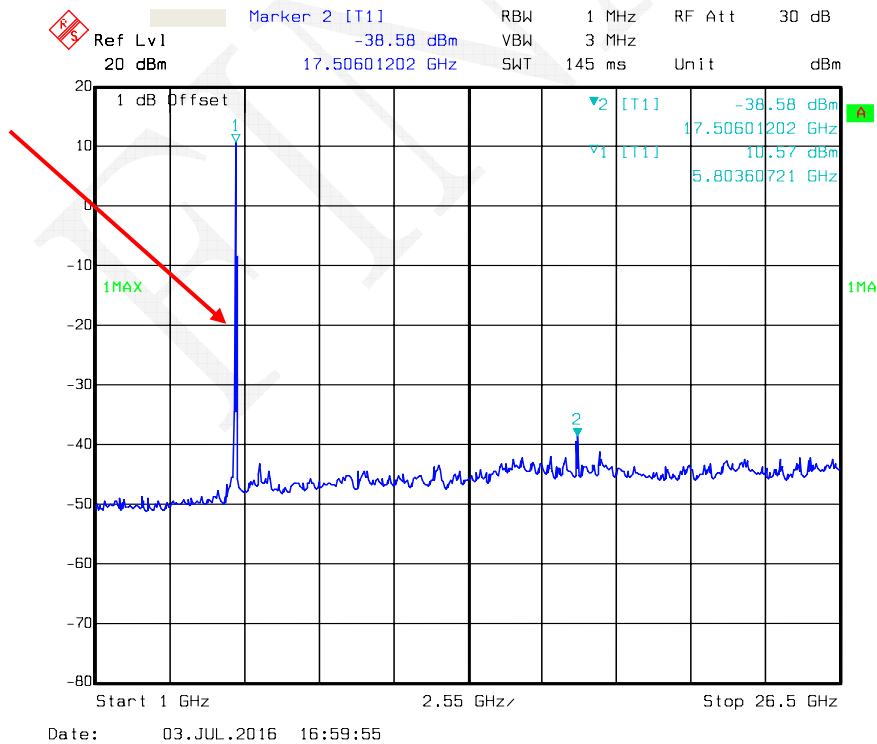
Fundamental

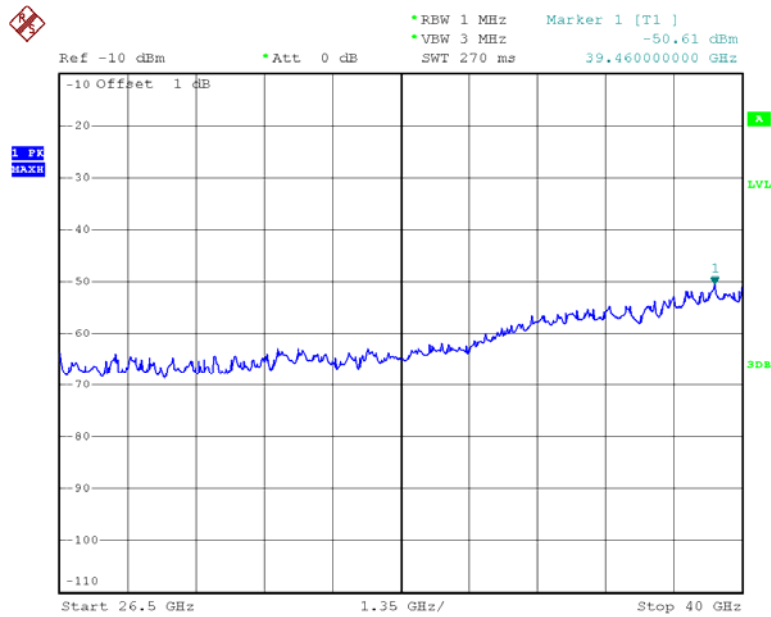


Chain 0:802.11a High Channel



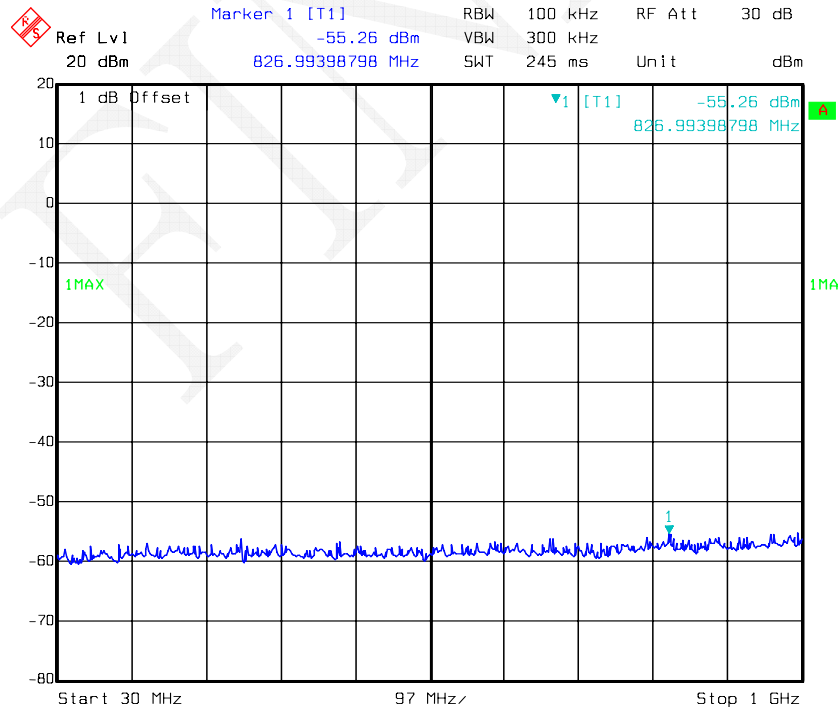
Fundamental





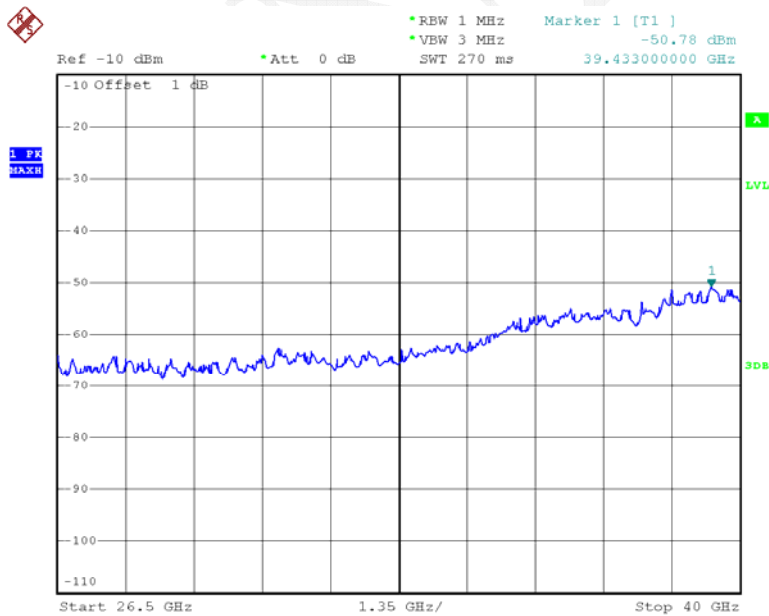
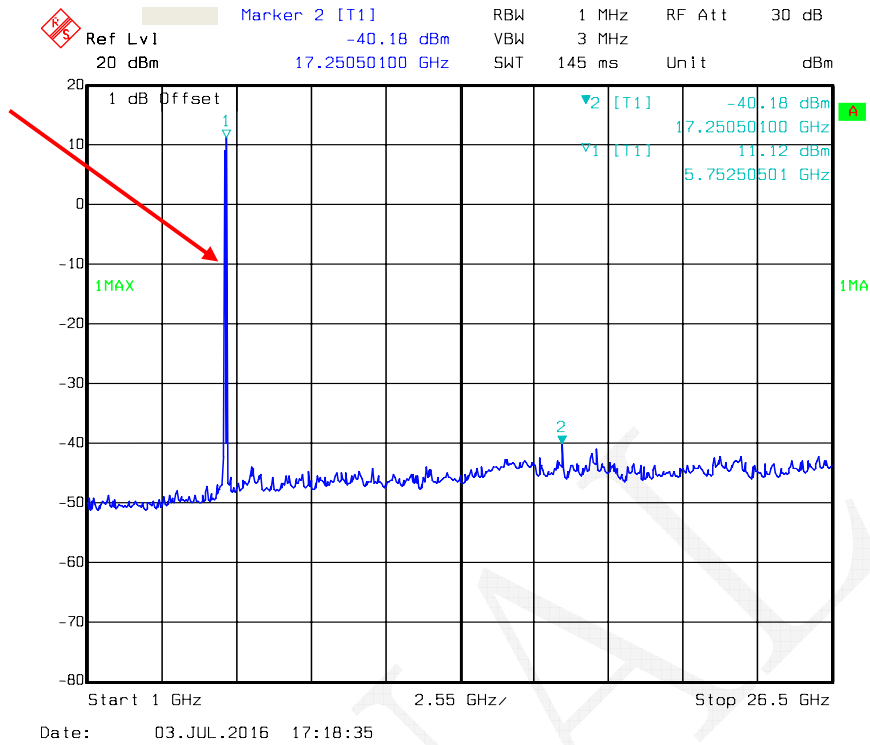
Date: 8.JUL.2016 23:25:01

Chain 0:802.11n ht20 Low Channel

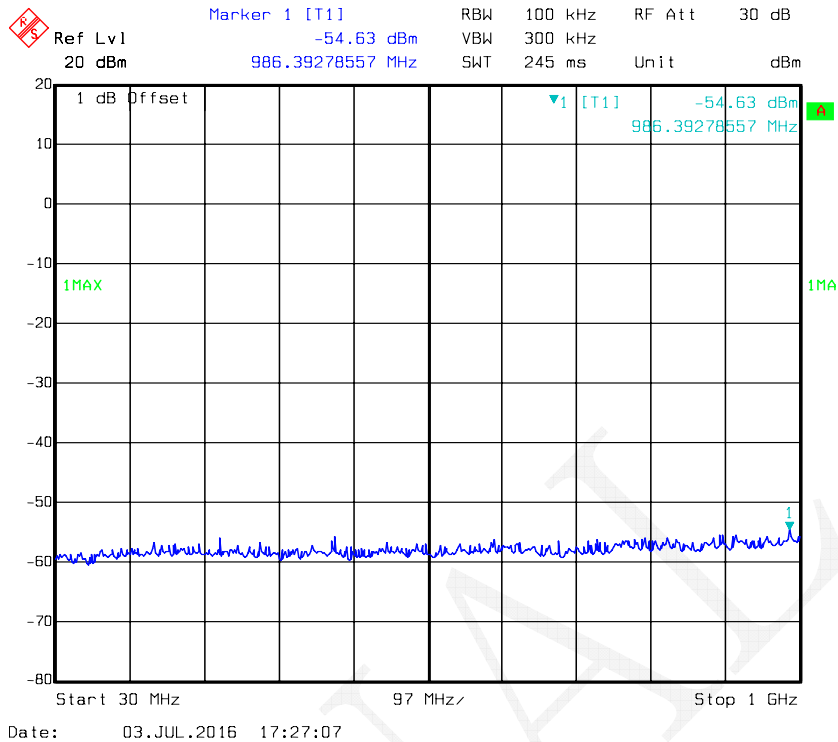


Date: 03.JUL.2016 17:18:45

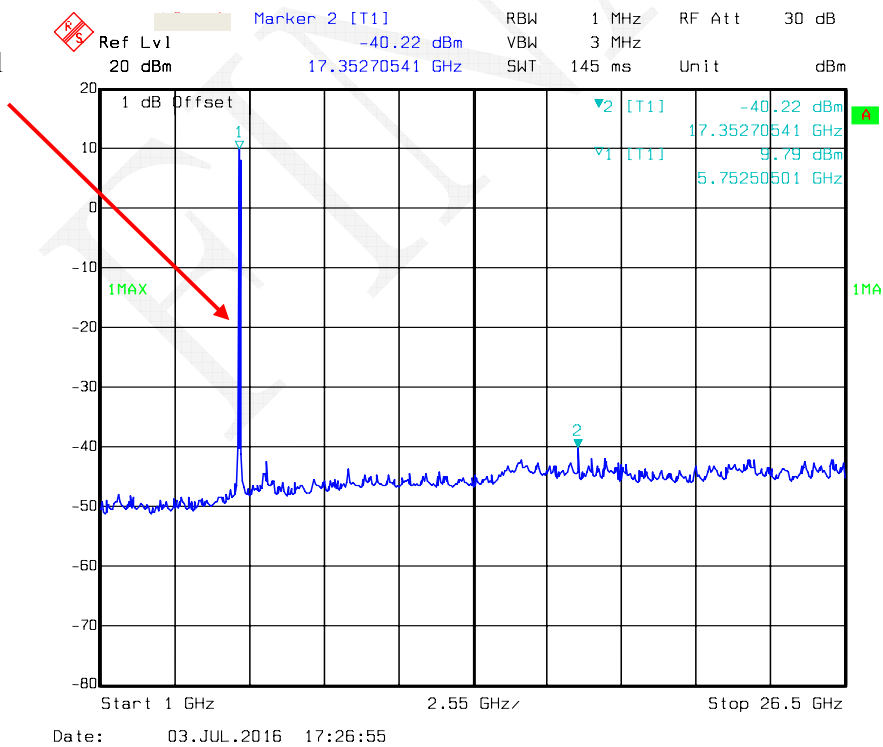
Fundamental

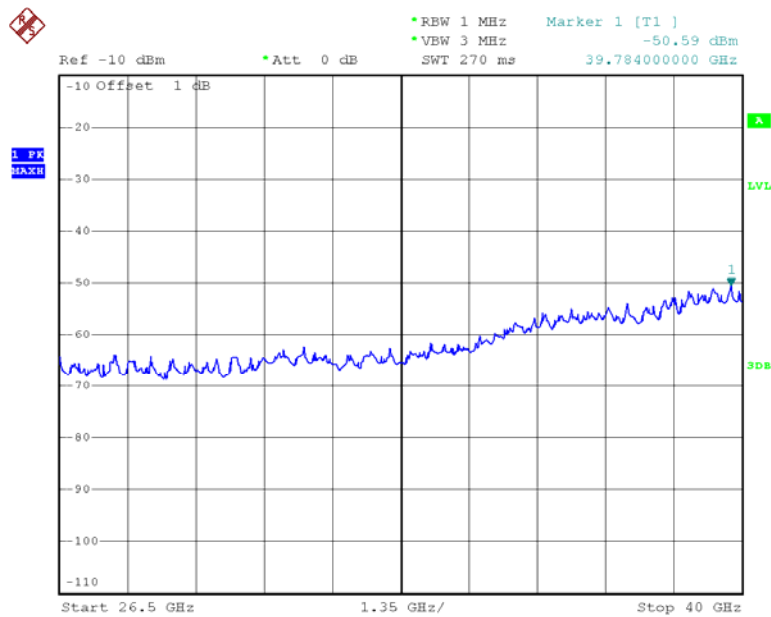


Chain 0:802.11n ht20 Middle Channel



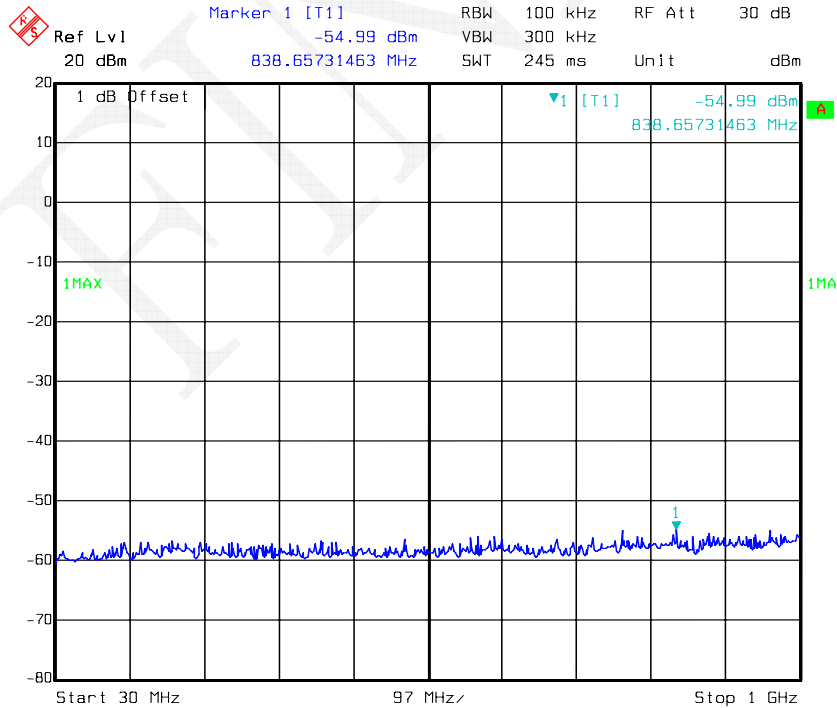
Fundamental





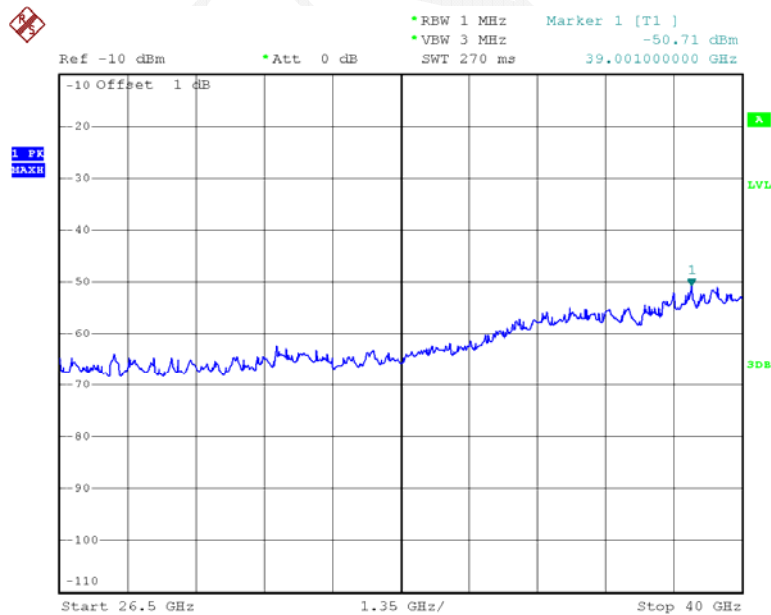
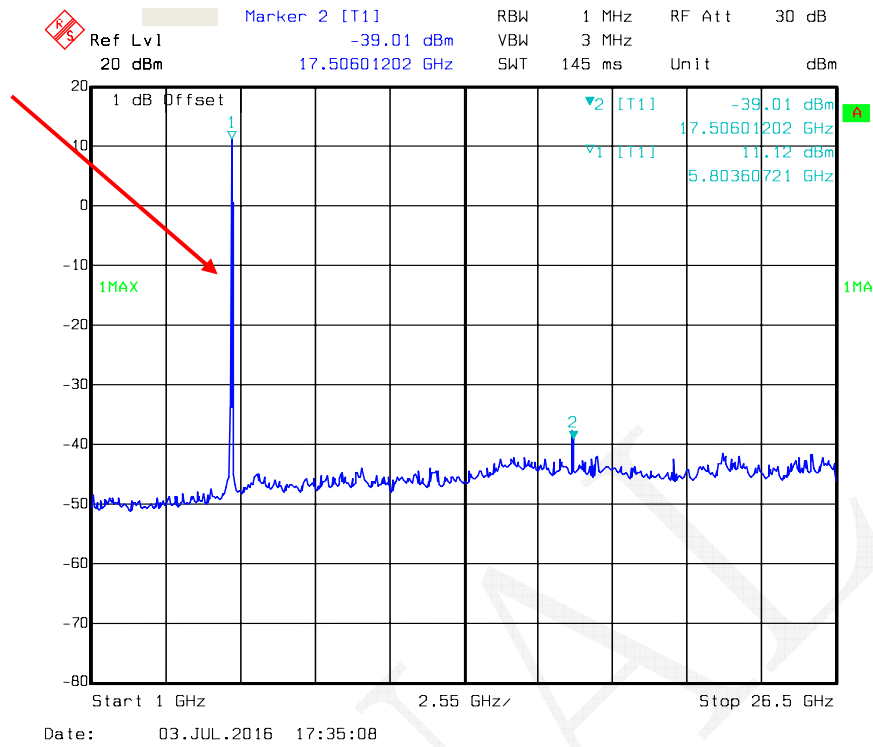
Date: 8.JUL.2016 23:25:14

Chain 0:802.11n ht20 High Channel

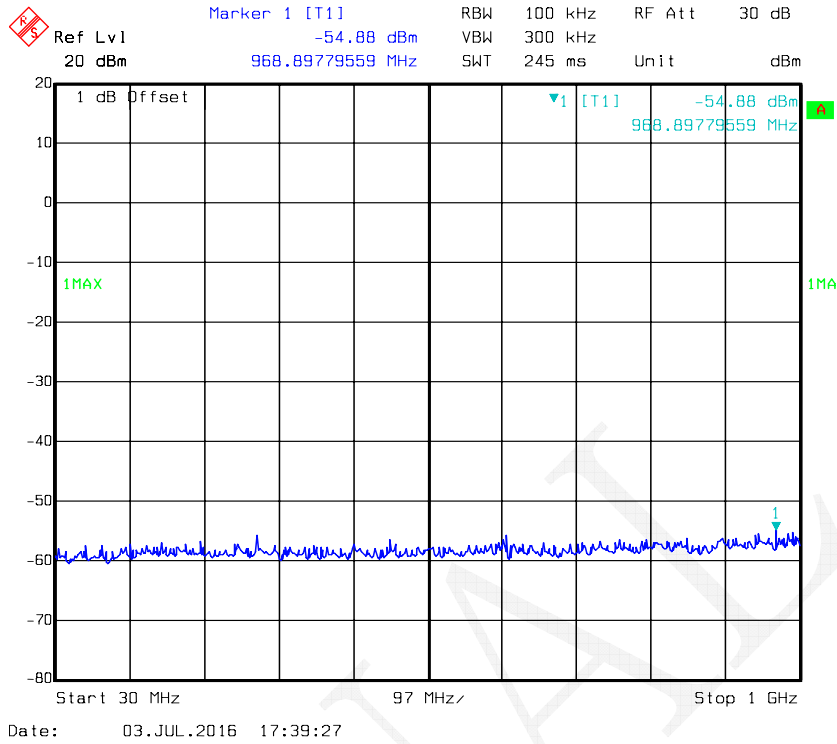


Date: 03.JUL.2016 17:35:19

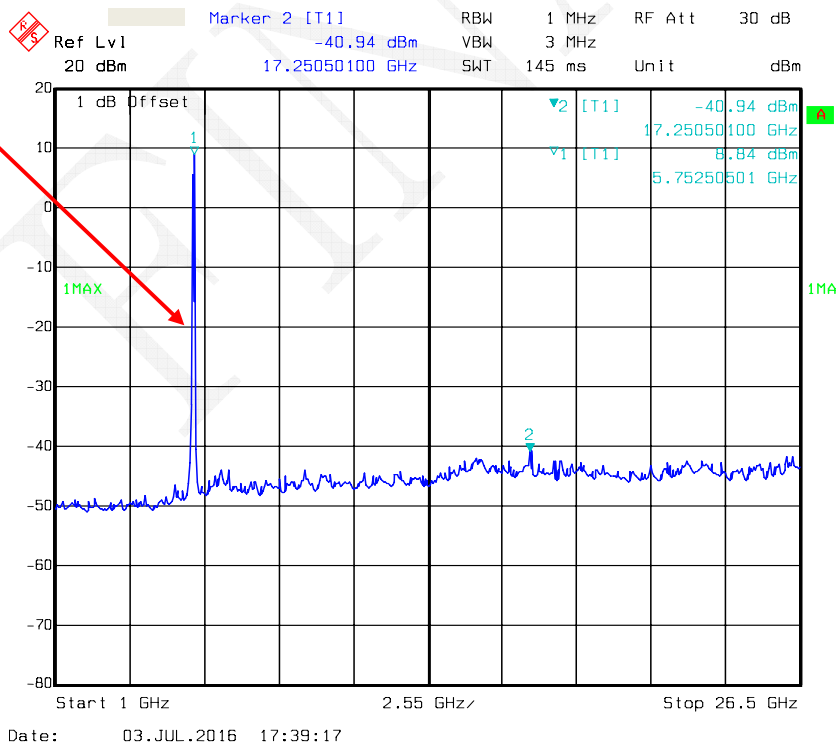
Fundamental

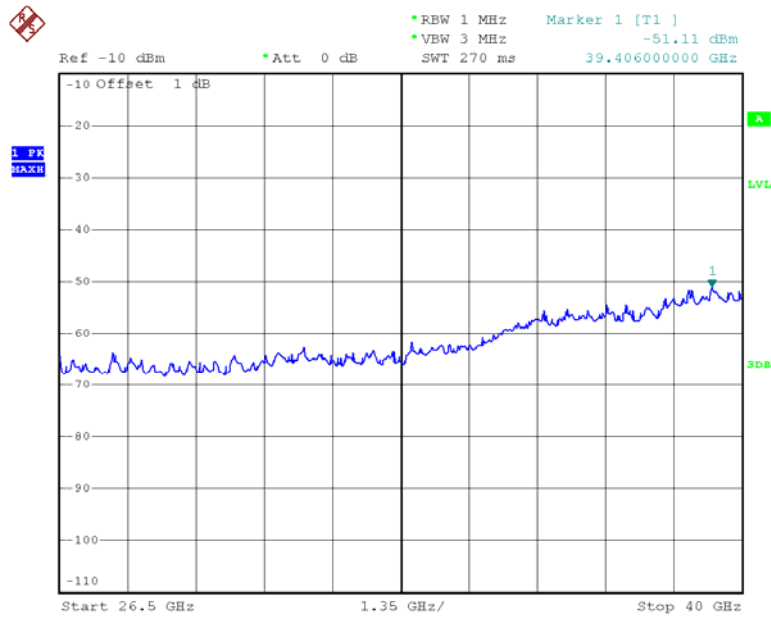


Chain 0:802.11n ht40 Low Channel



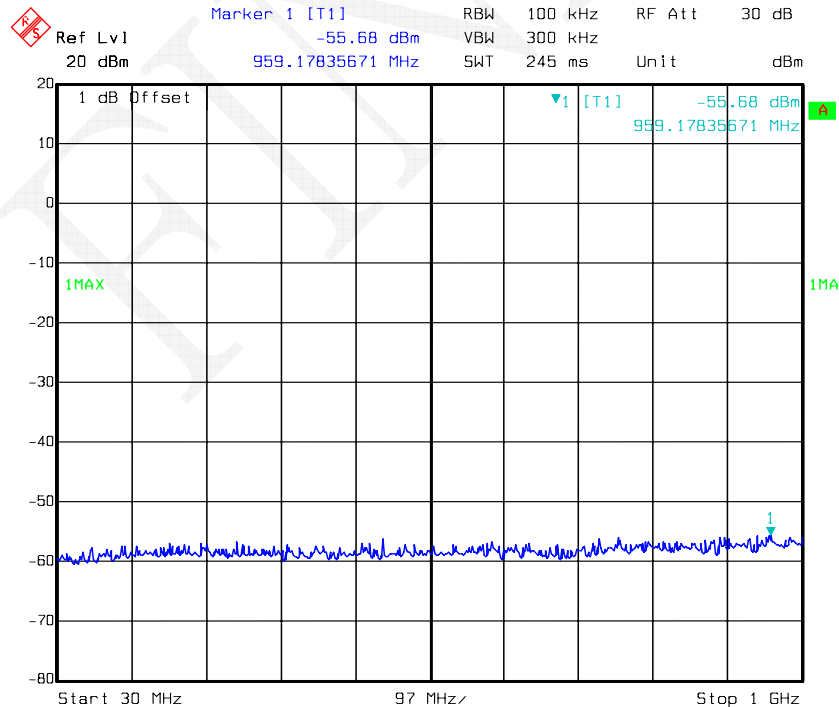
Fundamental





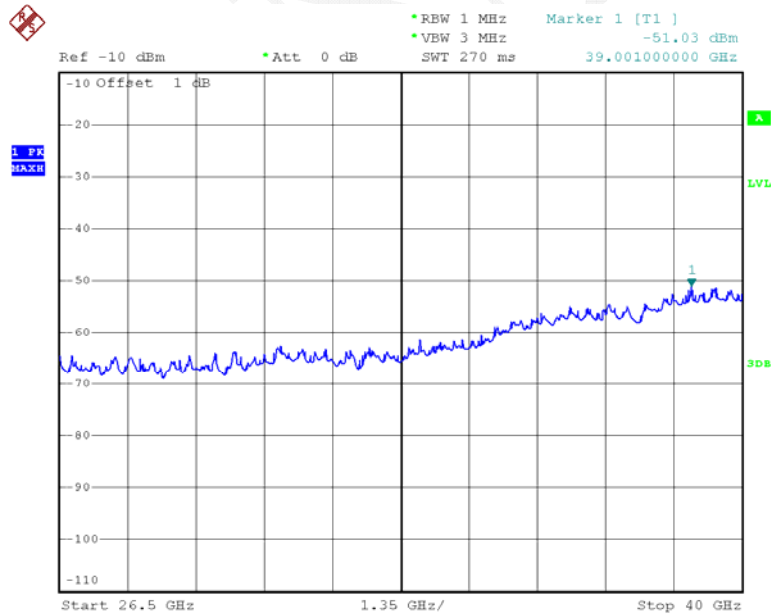
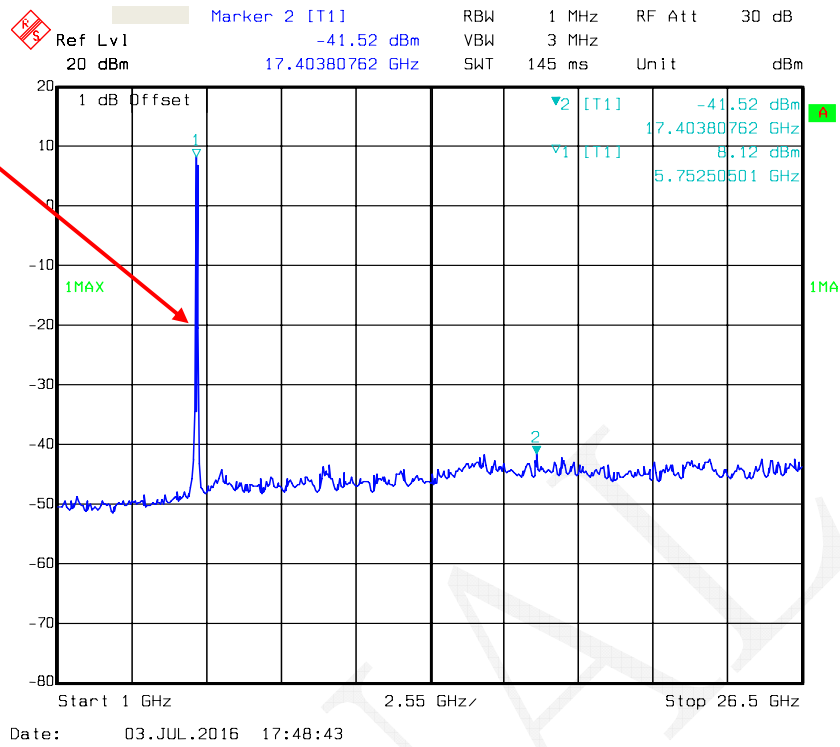
Date: 8.JUL.2016 23:25:26

Chain 0:802.11n ht40 High Channel



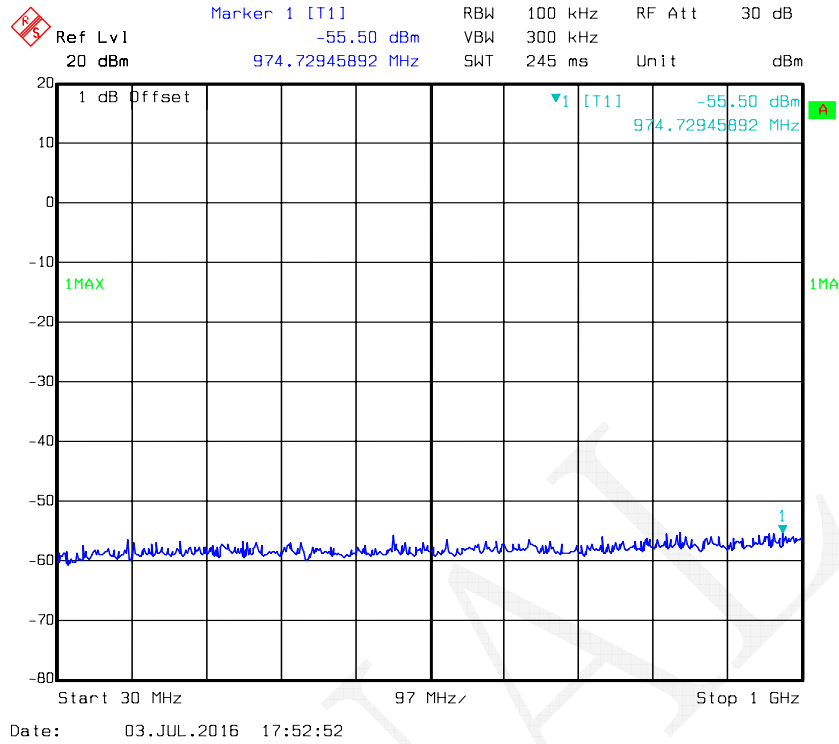
Date: 03.JUL.2016 17:48:54

Fundamental

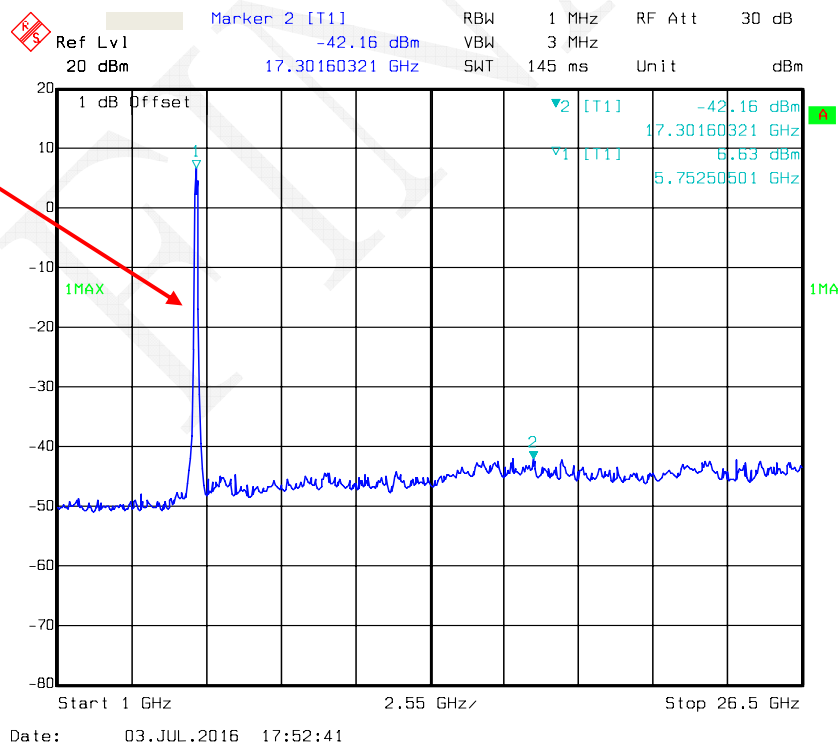


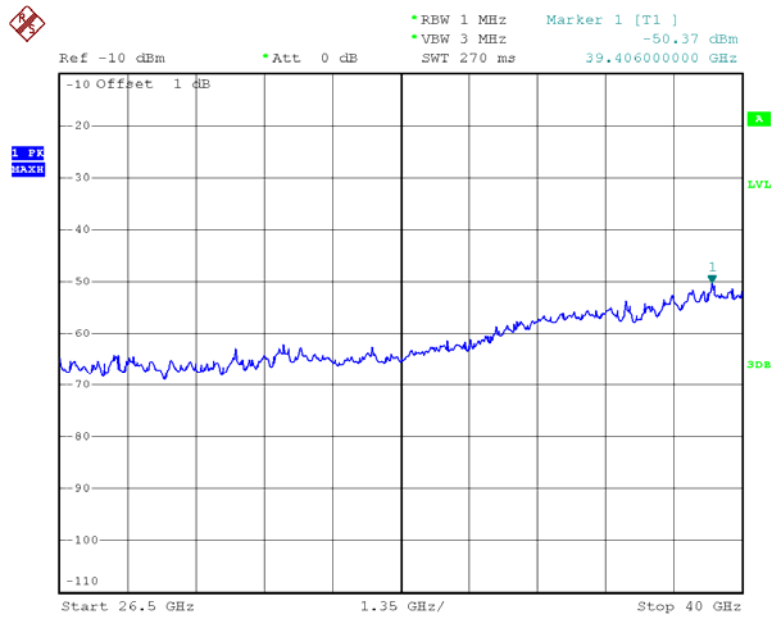
Date: 8.JUL.2016 23:25:31

Chain 0:802.11n ac80 Middle Channel



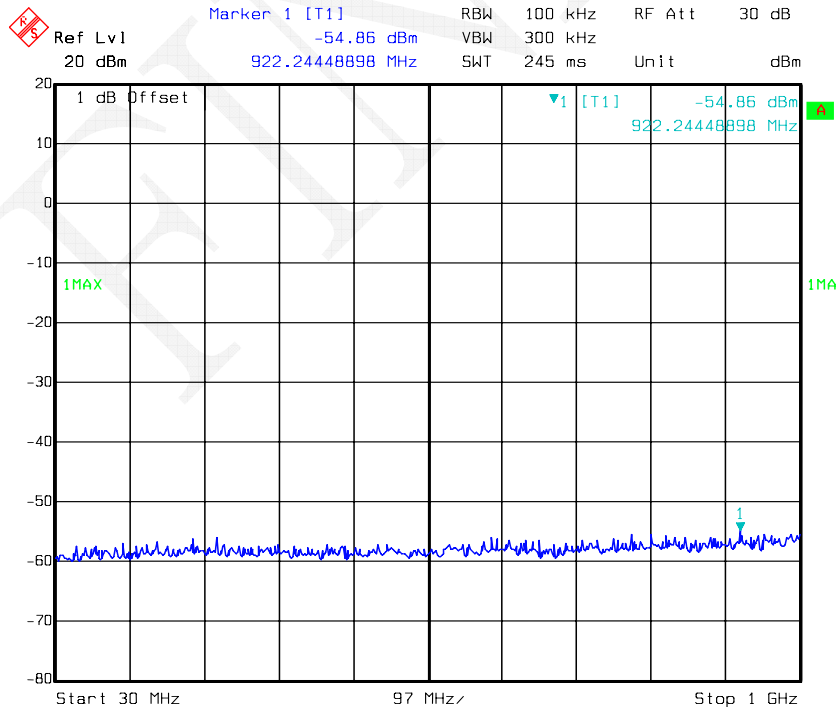
Fundamental



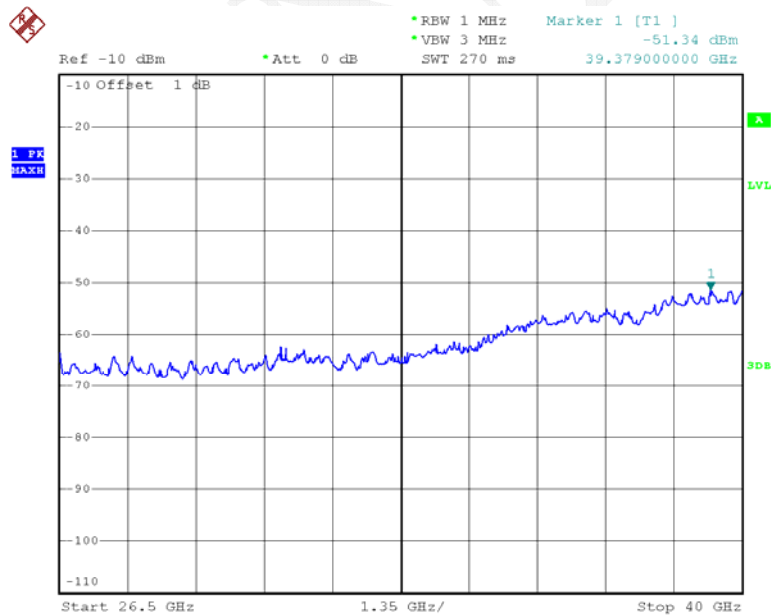
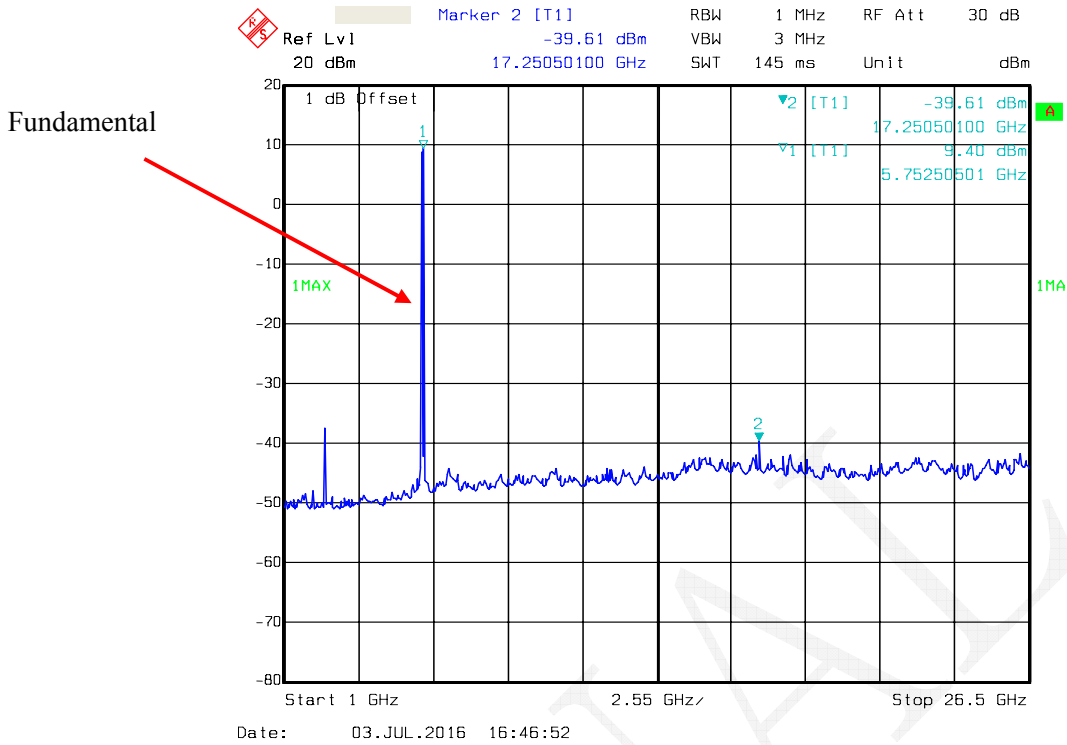


Date: 8.JUL.2016 23:25:39

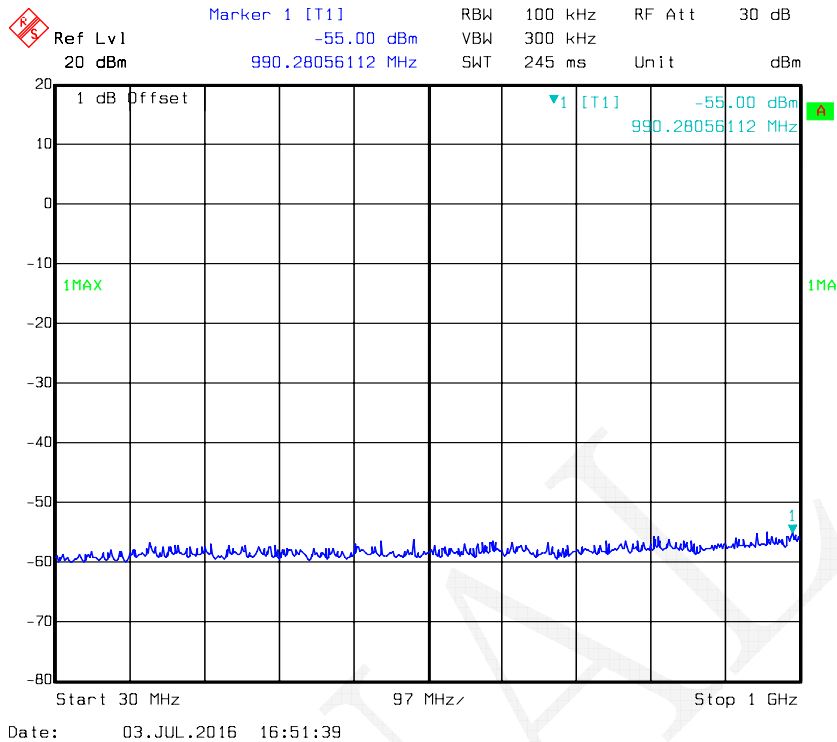
Chain 1:802.11a Low Channel



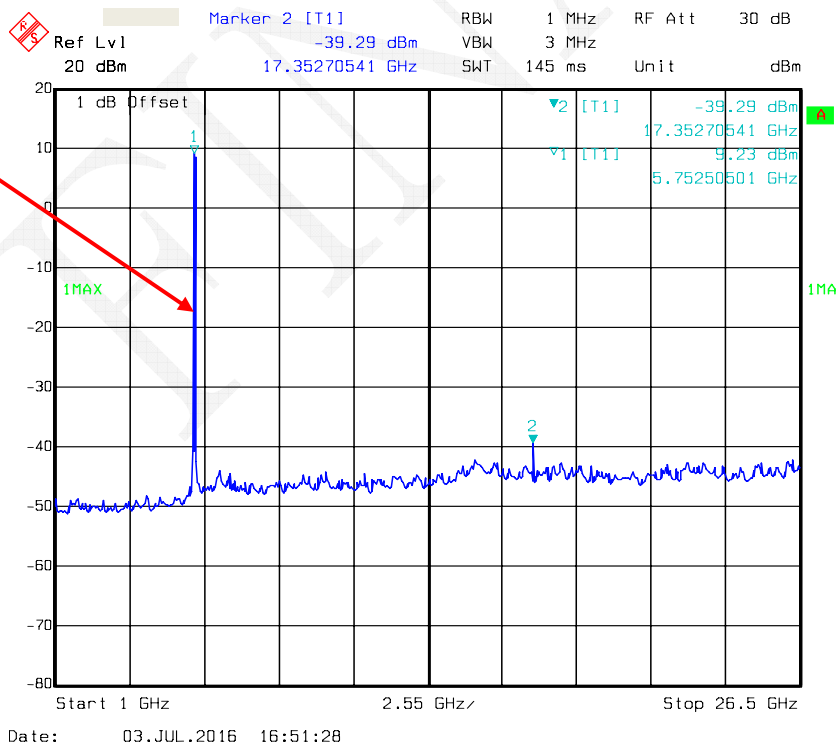
Date: 03.JUL.2016 16:47:04

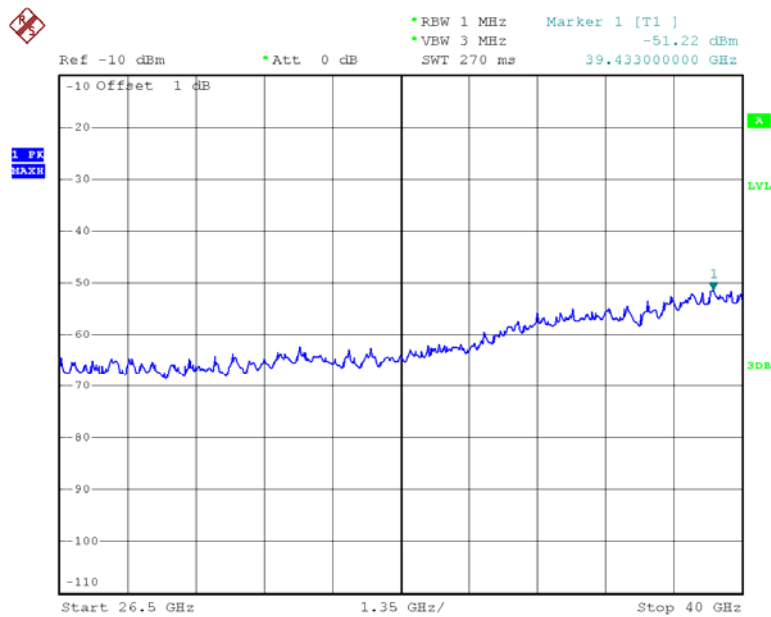


Chain 1:802.11a Middle Channel



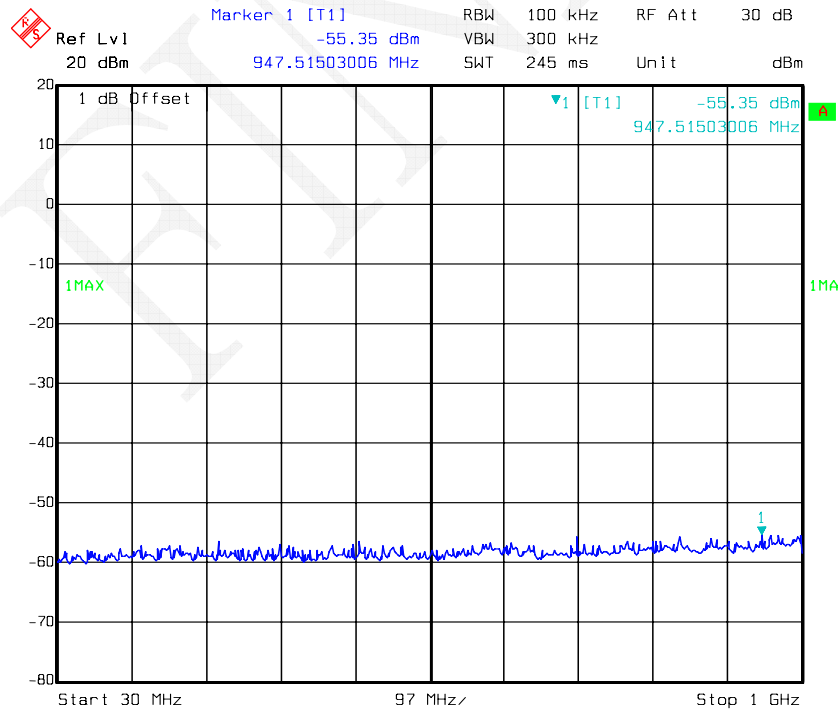
Fundamental





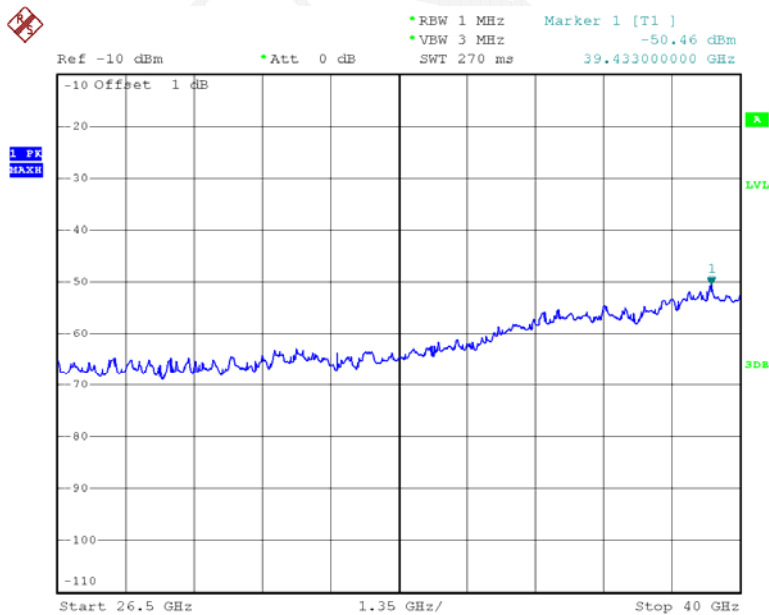
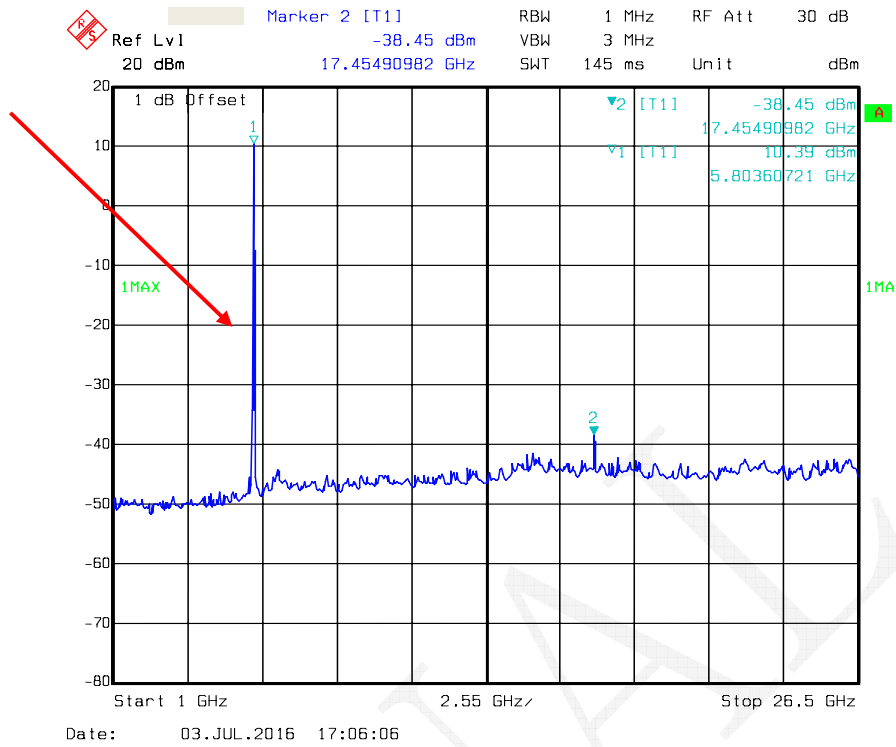
Date: 8.JUL.2016 23:25:50

Chain 1:802.11a High Channel

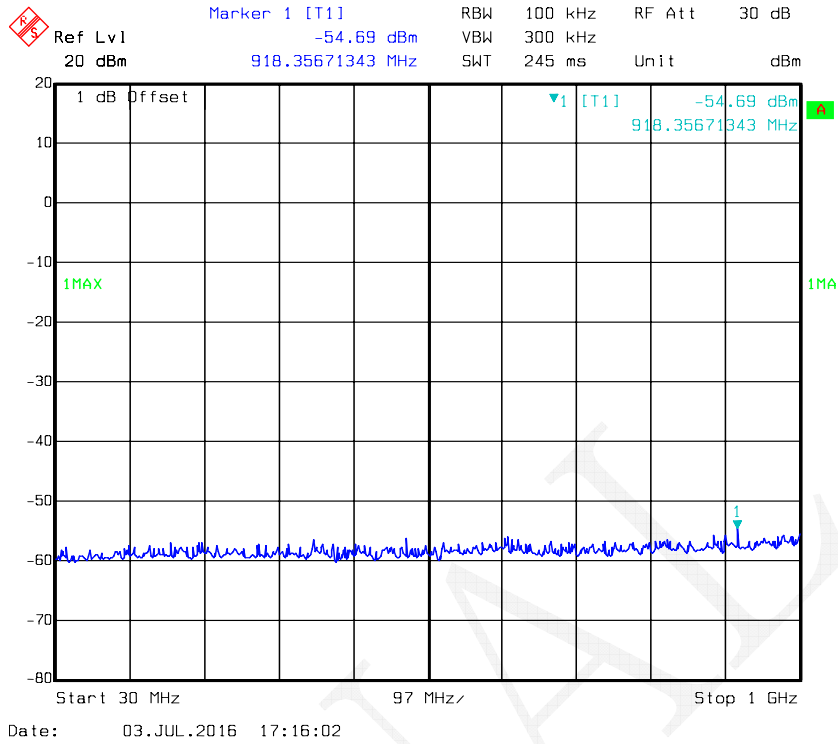


Date: 03.JUL.2016 17:06:16

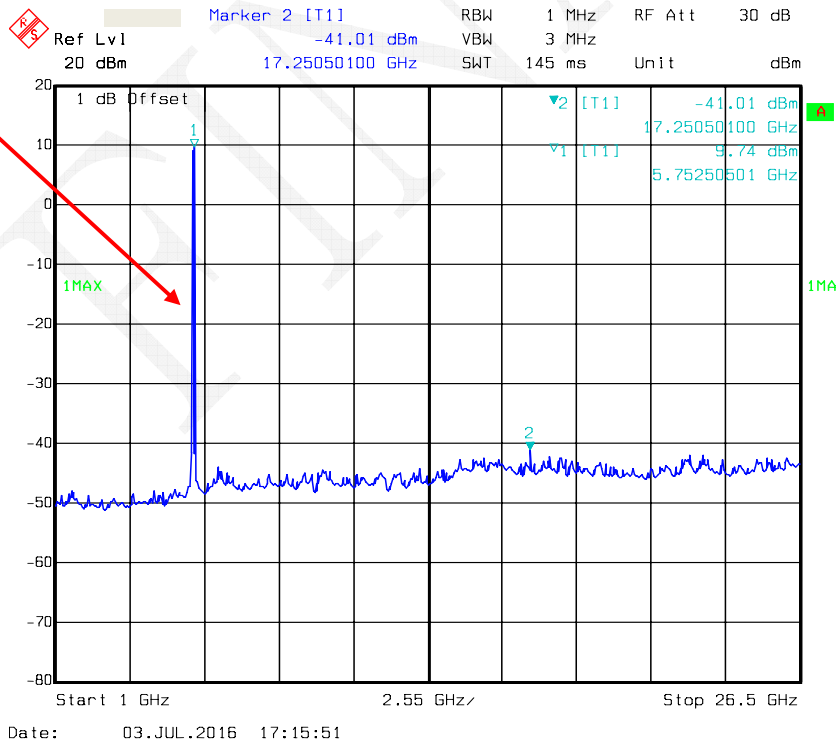
Fundamental

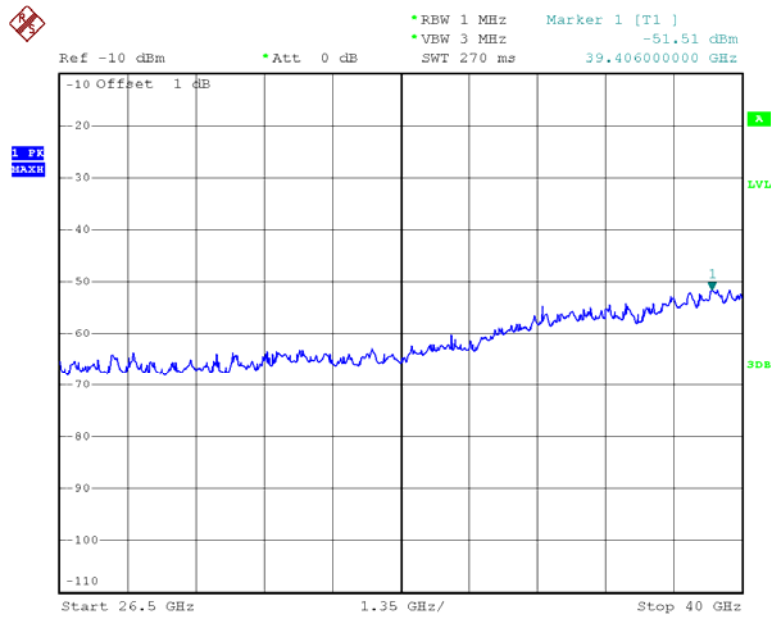


Chain 1:802.11n ht20 Low Channel



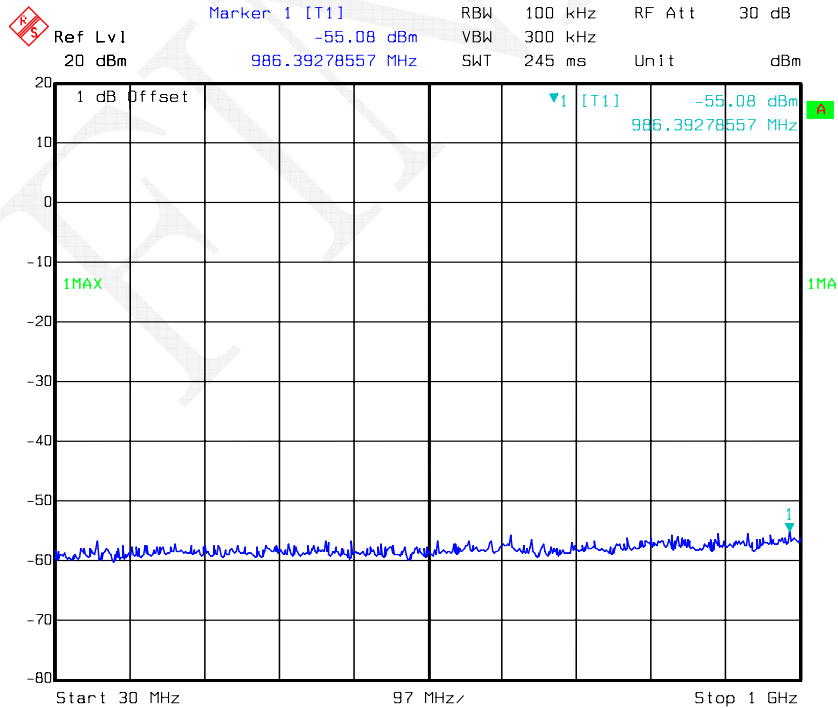
Fundamental





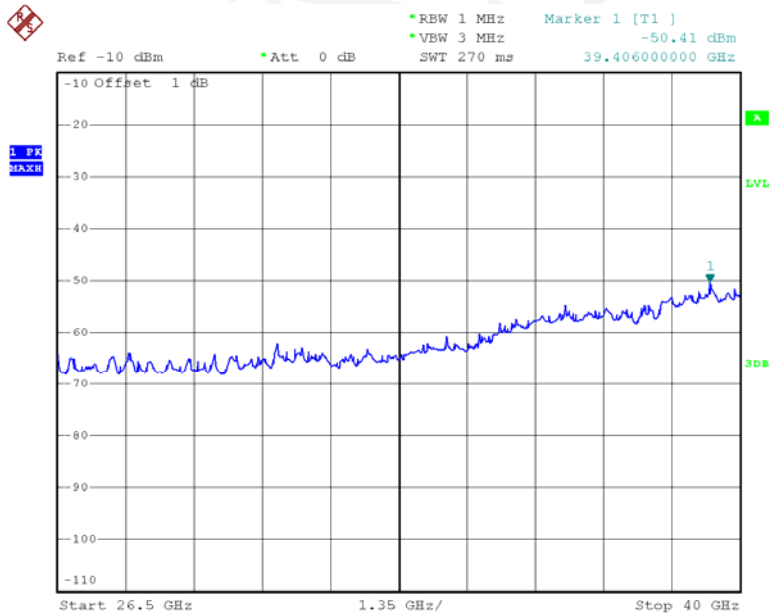
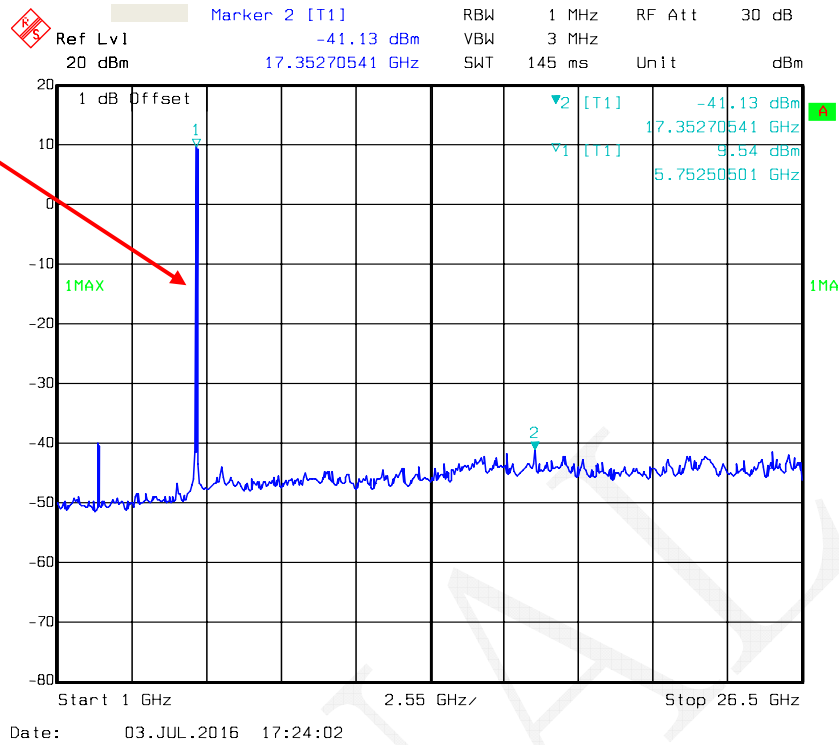
Date: 8.JUL.2016 23:26:03

Chain 1:802.11n ht20 Middle Channel



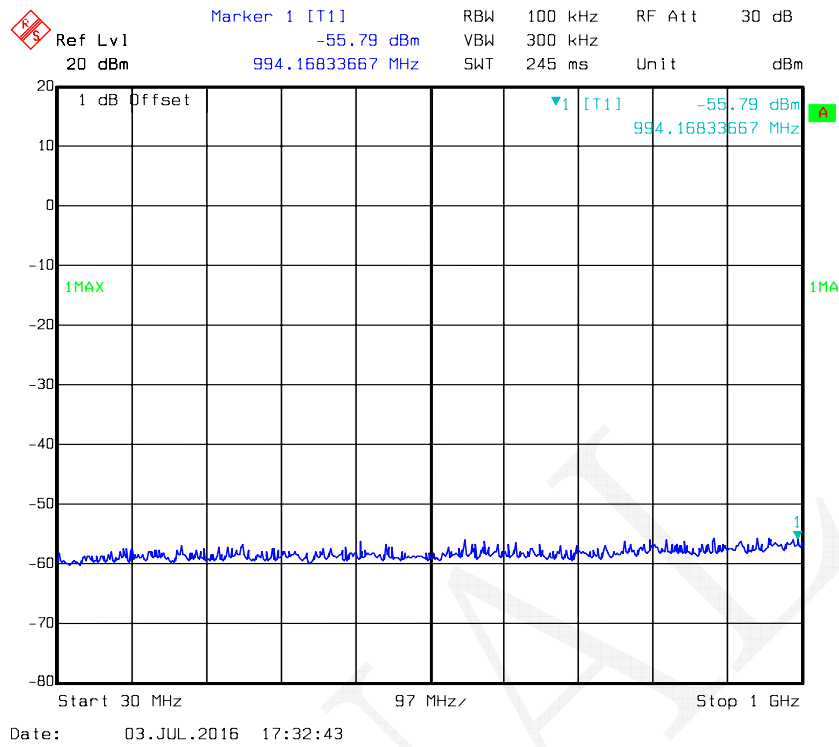
Date: 03.JUL.2016 17:24:13

Fundamental

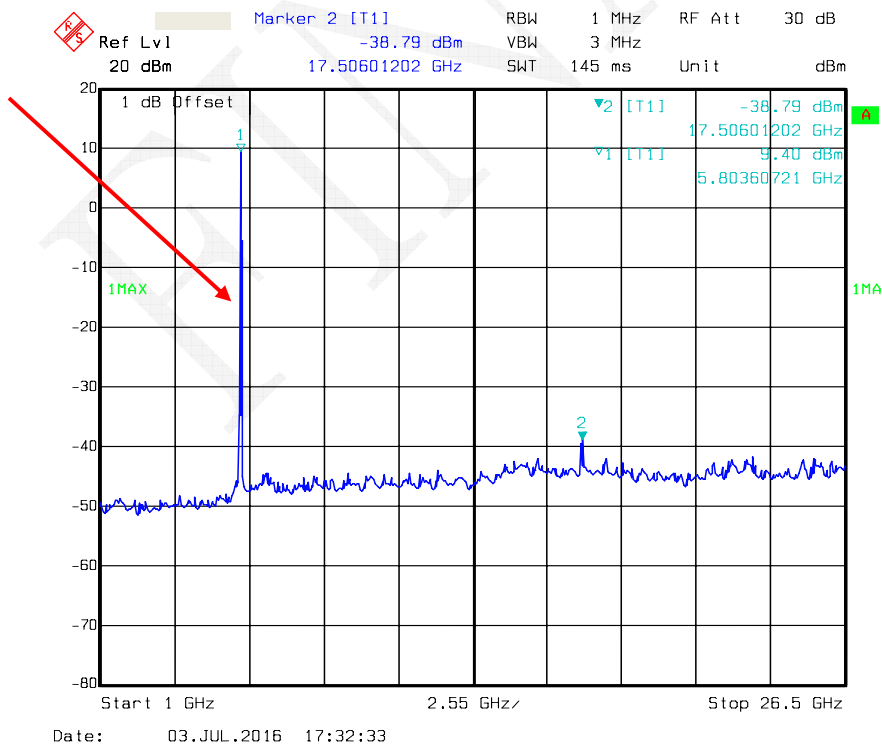


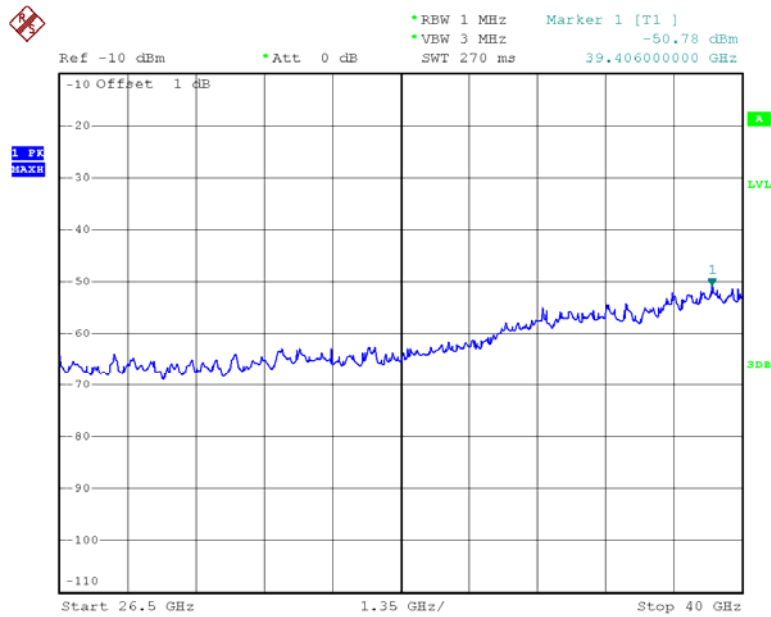
Date: 8.JUL.2016 23:26:08

Chain 1:802.11n ht20 High Channel



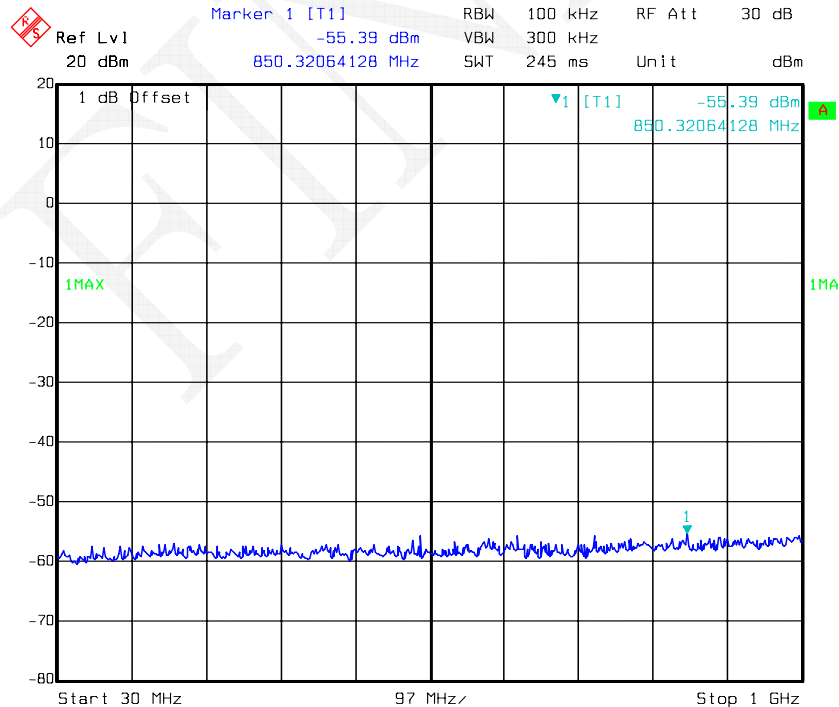
Fundamental





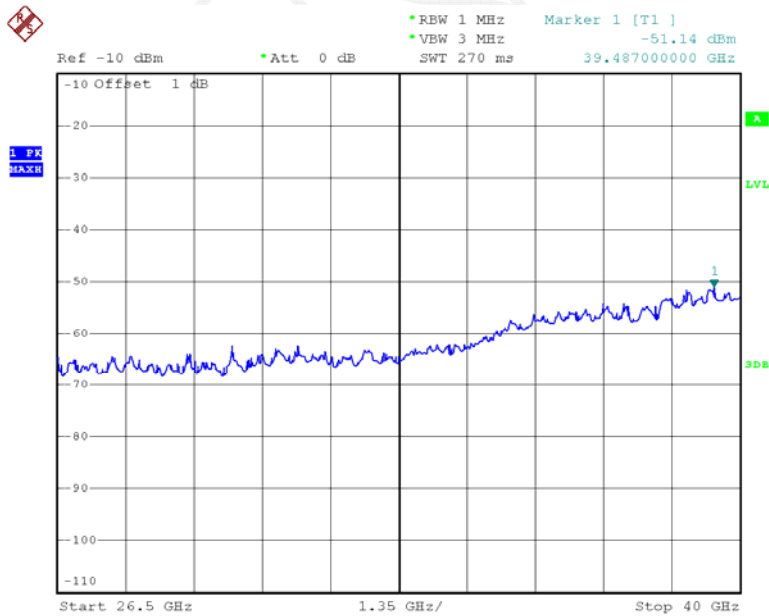
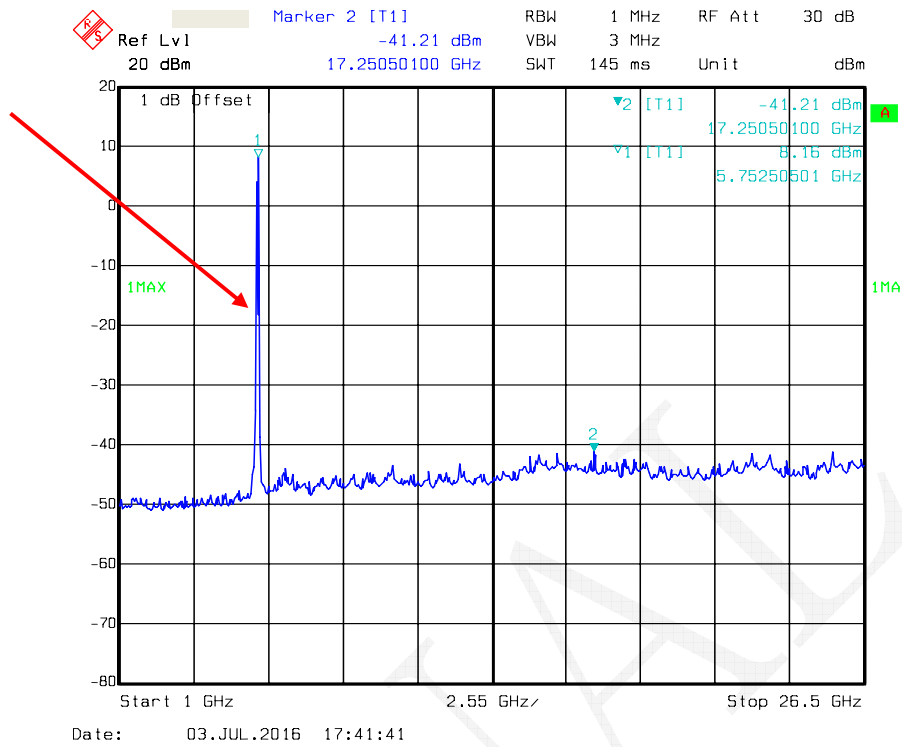
Date: 8.JUL.2016 23:26:14

Chain 1:802.11n ht40 Low Channel



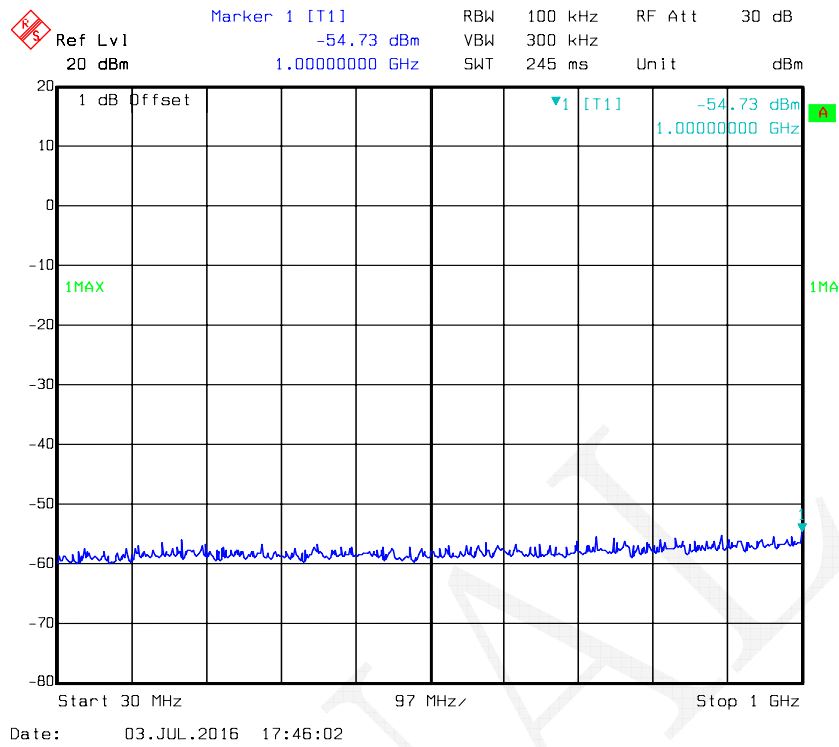
Date: 03.JUL.2016 17:41:52

Fundamental

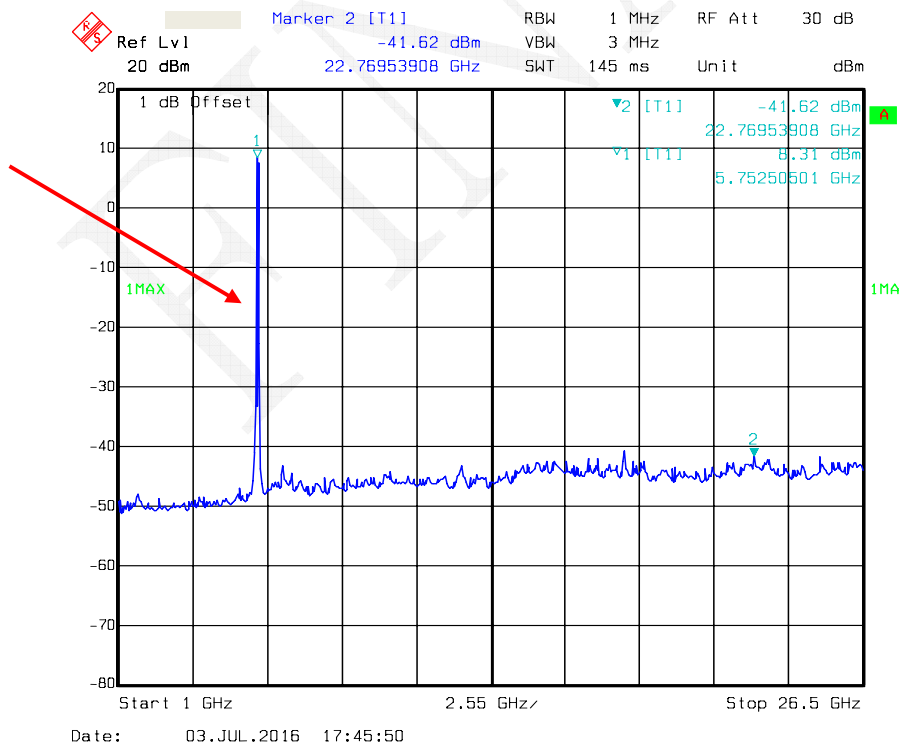


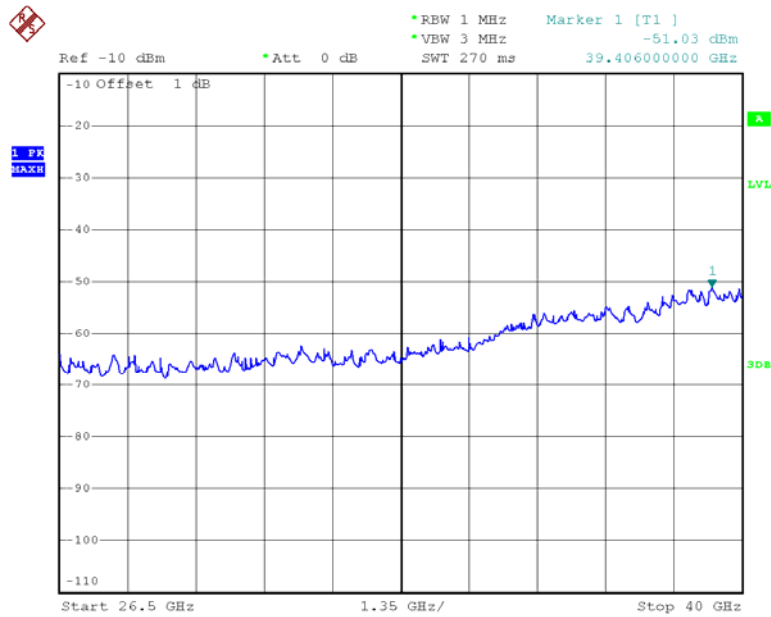
Date: 8.JUL.2016 23:26:20

Chain 1:802.11n ht40 High Channel



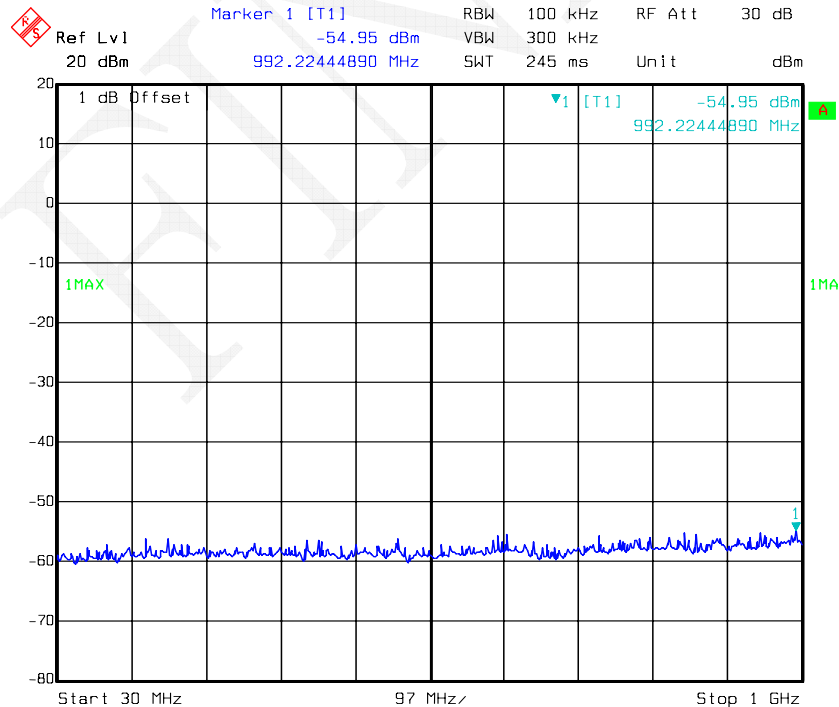
Fundamental



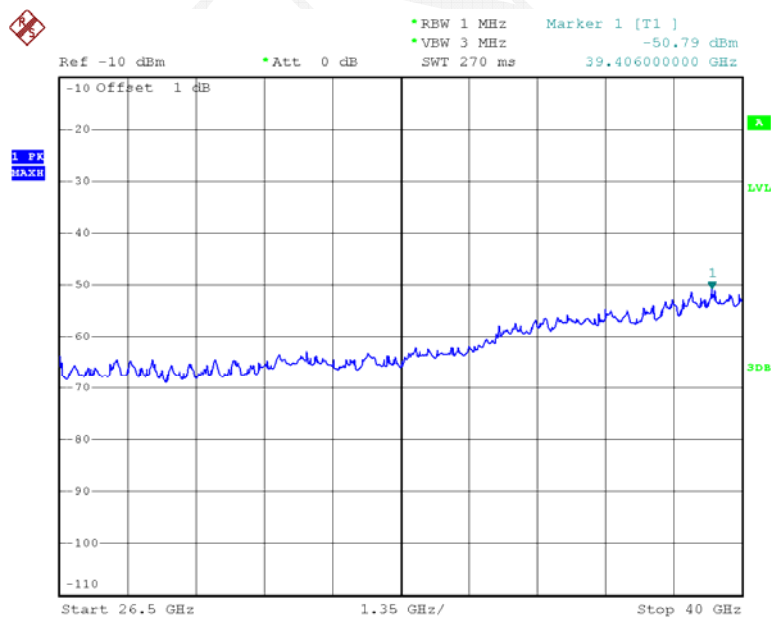
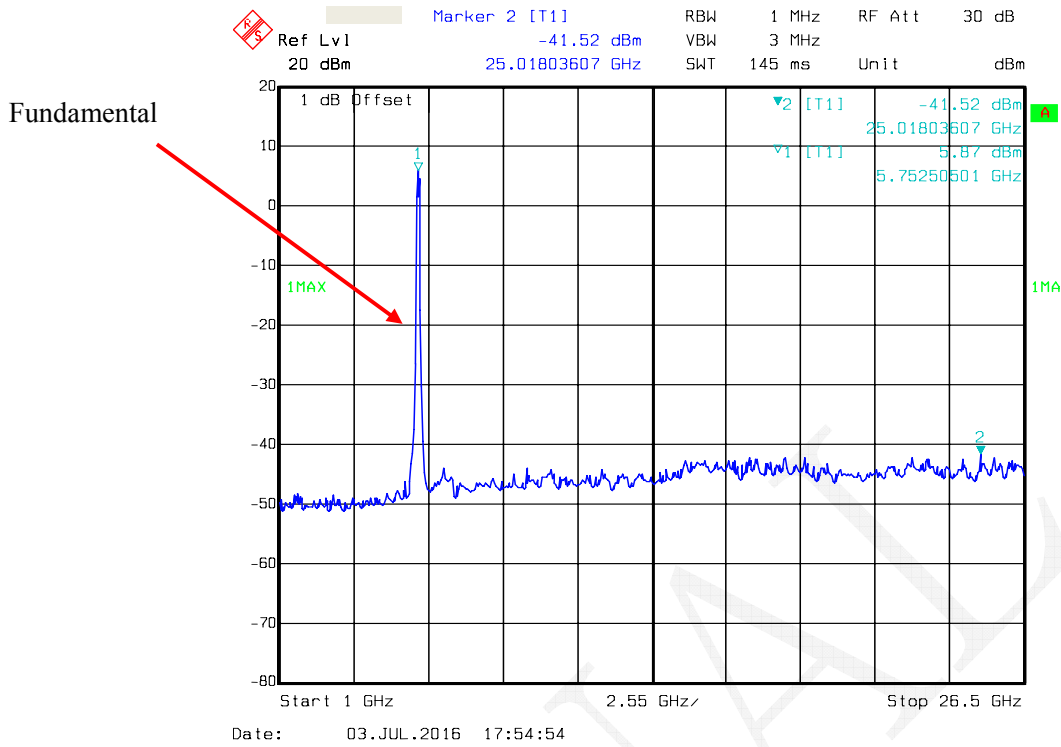


Date: 8.JUL.2016 23:26:26

Chain 1:802.11n ac80 Middle Channel



Date: 03.JUL.2016 17:55:04



FCC §15.407(a) –EMISSION BANDWIDTH**Applicable Standard**

15.407(a)

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSEM	DE23437	2015-11-23	2016-11-22

* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Procedure

1. According to KDB789033 D02 General U-NII Test Procedures New Rules v01r02

Test Data**Environmental Conditions**

Temperature:	26.2 – 28.6 °C
Relative Humidity:	39 - 58 %
ATM Pressure:	99.3 – 100.4 kPa

The testing was performed by Costa Dong from 2016-06-14 to 2016-07-15.

Test Result: Pass.

Please refer to the following tables and plots.

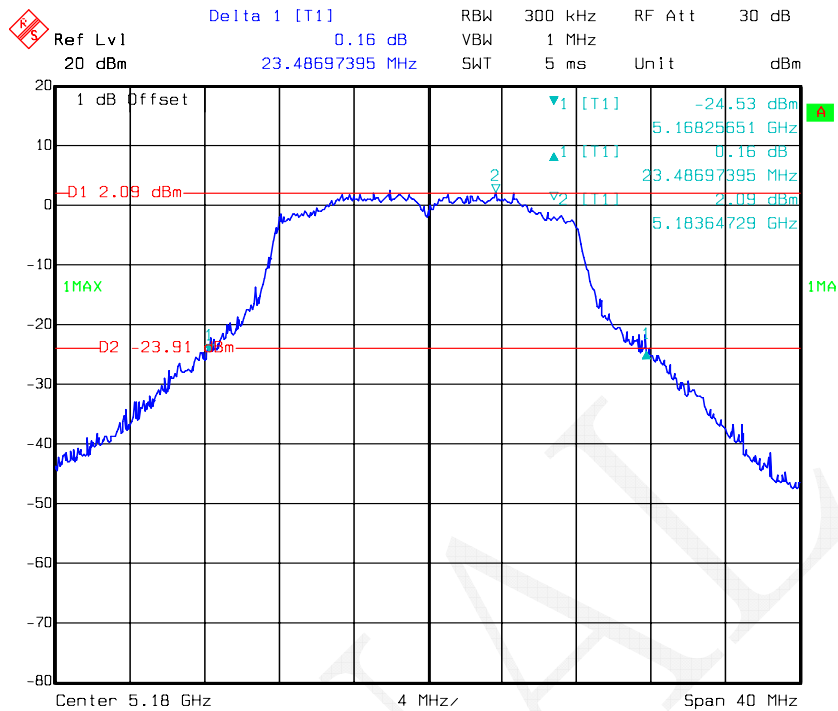
Test mode: Transmitting (test performed at SISO mode)

UNII Band	Mode	Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	
				Chain 0	Chain 1
5150-5250MHz	802.11 a	Low	5180	23.49	31.66
		Middle	5200	24.13	30.46
		High	5240	23.97	29.74
	802.11 n20	Low	5180	24.69	30.46
		Middle	5200	24.45	31.18
		High	5240	24.69	29.18
	802.11 n40	Low	5190	43.45	48.9
		High	5230	42.65	42.66
	802.11 ac80	Middle	5210	82.73	84.65
5250-5350MHz	802.11 a	Low	5260	23.49	29.66
		Middle	5280	22.61	29.5
		High	5320	24.21	27.01
	802.11 n20	Low	5260	24.21	29.34
		Middle	5280	23.57	29.82
		High	5320	25.01	24.37
	802.11 n40	Low	5270	50.5	54.51
		High	5310	42.32	42.48
	802.11 ac80	Middle	5290	82.73	84.01
5470-5725MHz	802.11 a	Low	5500	23.09	23.97
		Middle	5580	24.29	25.89
		High	5700	25.01	22.77
	802.11 n20	Low	5500	23.65	23.33
		Middle	5580	25.73	25.89
		High	5700	25.01	23.97
	802.11 n40	Low	5510	50.18	53.55
		Middle	5590	47.62	47.78
	802.11 ac80	High	5670	46.33	47.94
Cross Band	802.11ac20	Low	5530	82.40	82.4
	802.11ac40	High	5610	86.25	83.37
	802.11ac80	High	5720	29.66	28.38
Cross Band	802.11ac20	High	5710	48.90	51.14
	802.11ac40	High	5690	82.73	83.05
	802.11ac80	High	5690	82.73	83.05

UNII Band	Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)		Limit (MHz)
				Chain 0	Chain 1	
5725-5850MHz	802.11 a	Low	5745	15.23	15.23	0.5
		Middle	5785	15.95	15.23	0.5
		High	5825	15.23	15.31	0.5
	5G 802.11 n20	Low	5745	15.31	15.31	0.5
		Middle	5785	15.55	15.79	0.5
		High	5825	16.03	15.23	0.5
	5G 802.11 n40	Low	5755	35.27	35.27	0.5
		High	5795	35.27	35.27	0.5
	802.11 ac80	Middle	5775	75.67	75.67	0.5

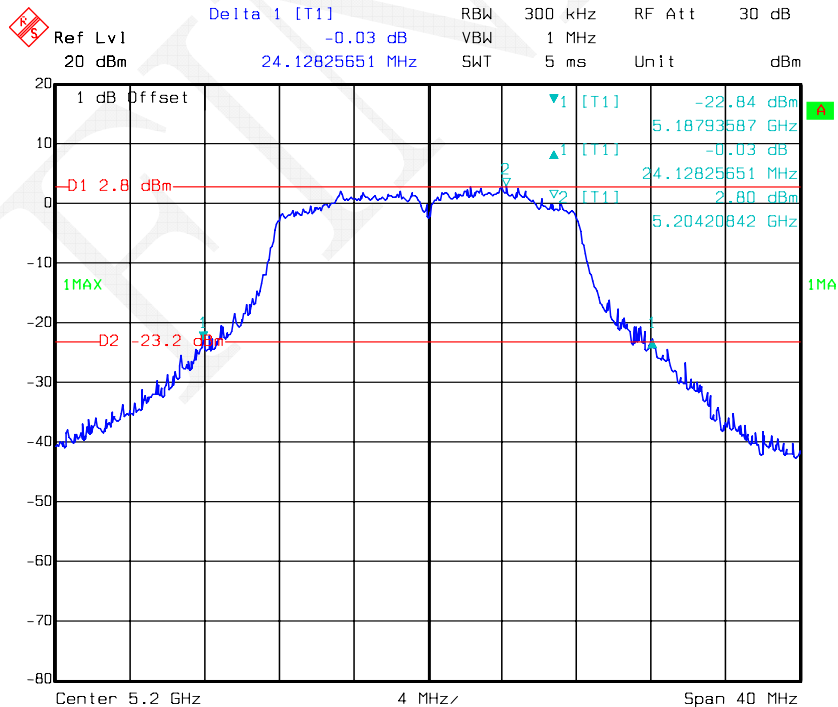
5150-5250MHz:

Chain 0:802.11a Low Channel



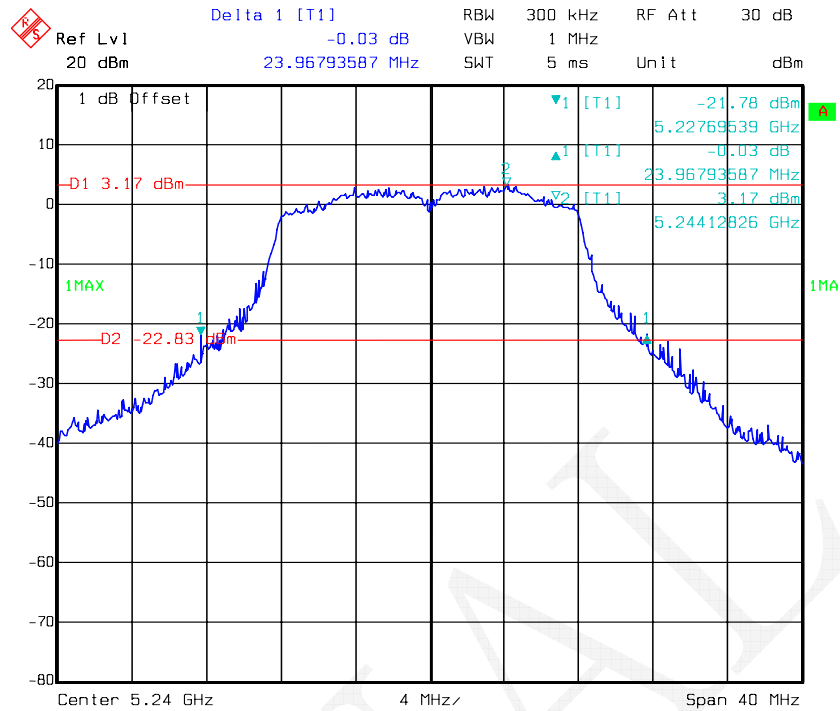
Date: 14.JUN.2016 23:54:51

Chain 0:802.11a Middle Channel

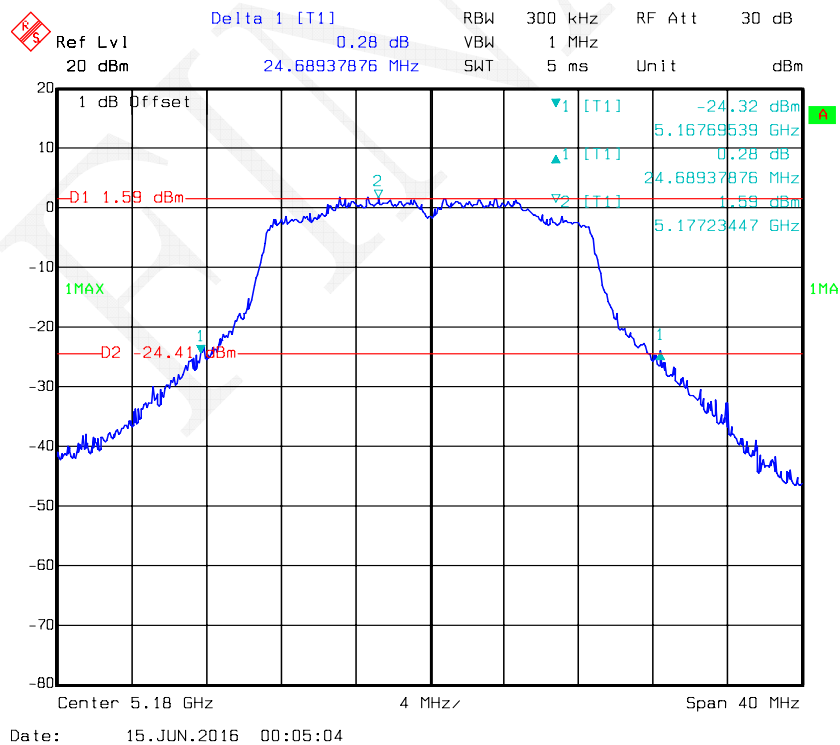


Date: 14.JUN.2016 23:58:36

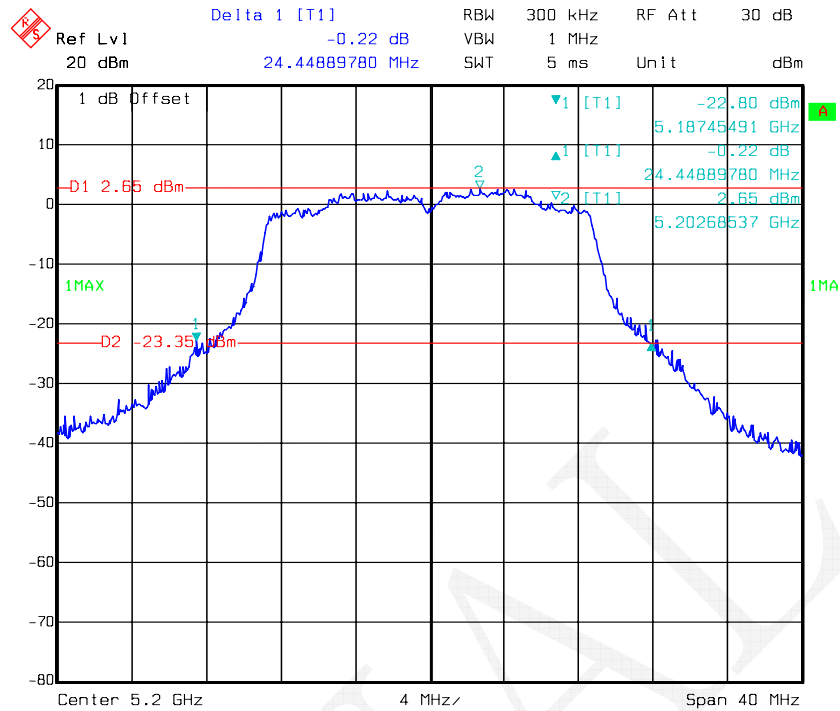
Chain 0:802.11a High Channel



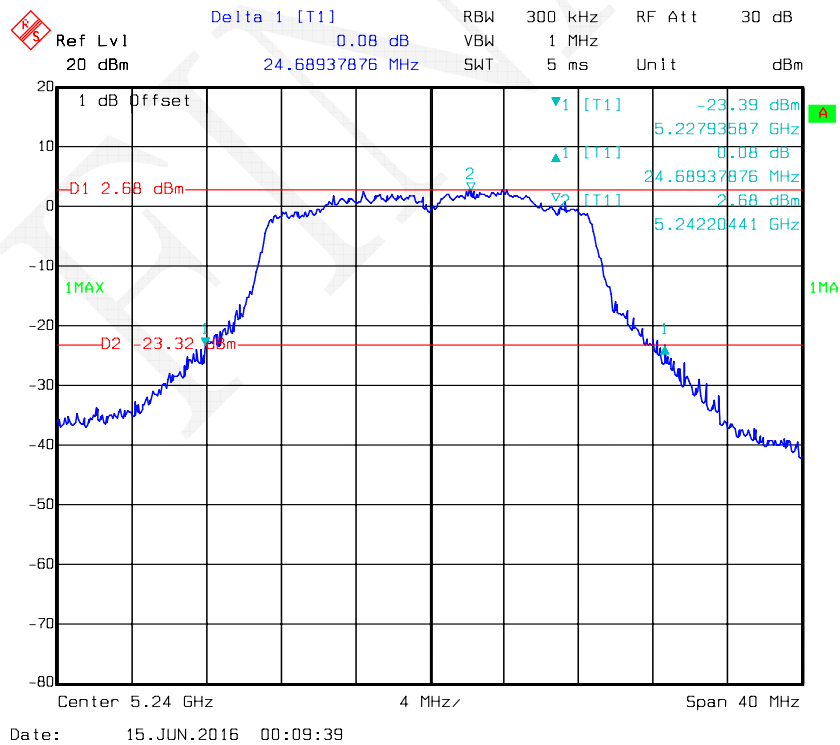
Chain 0:802.11n ht20 Low Channel



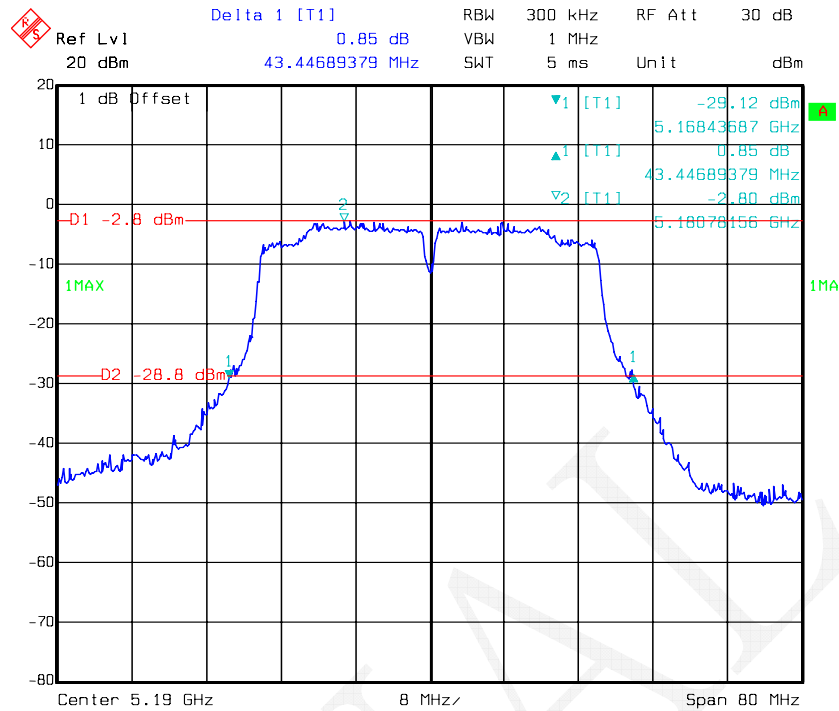
Chain 0:802.11n ht20 Middle Channel



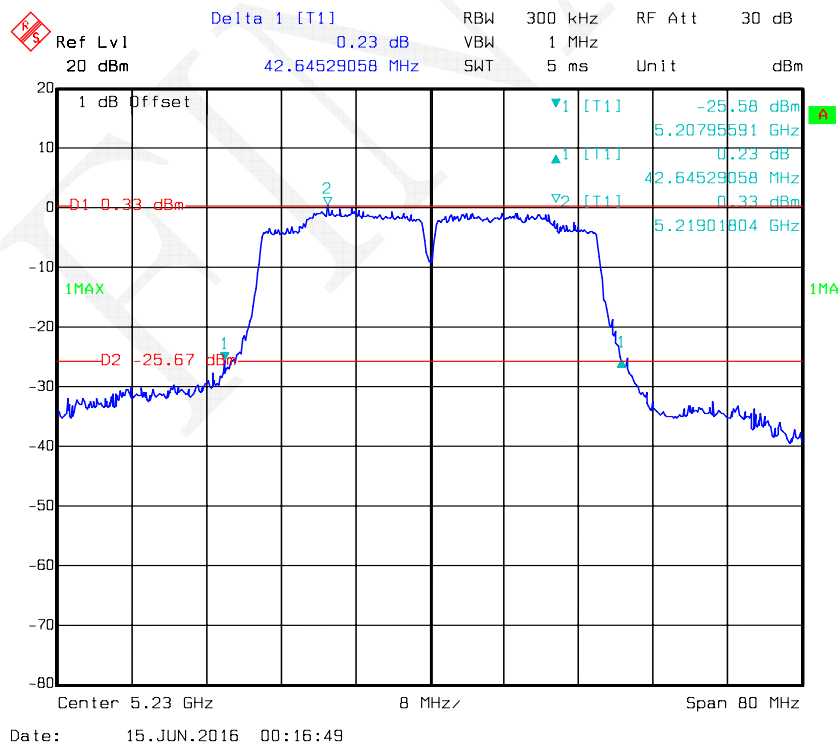
Chain 0:802.11n ht20 High Channel



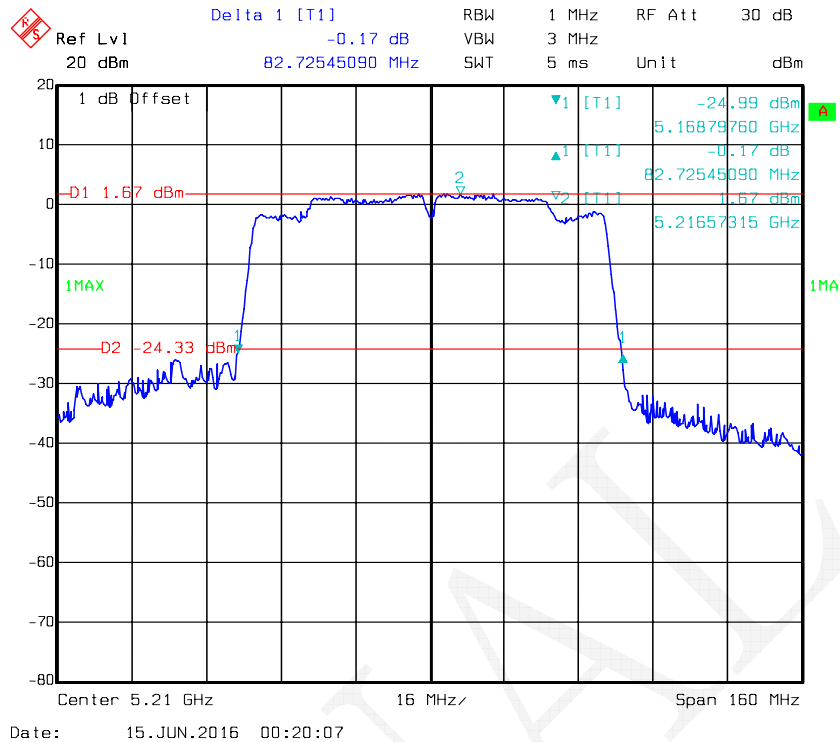
Chain 0:802.11n ht40 Low Channel



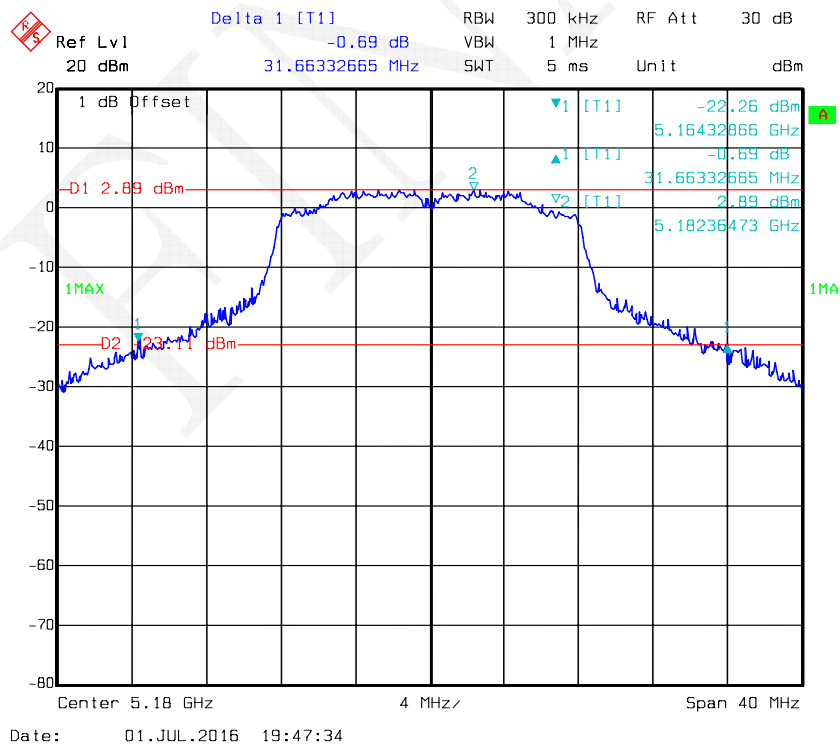
Chain 0:802.11n ht40 High Channel



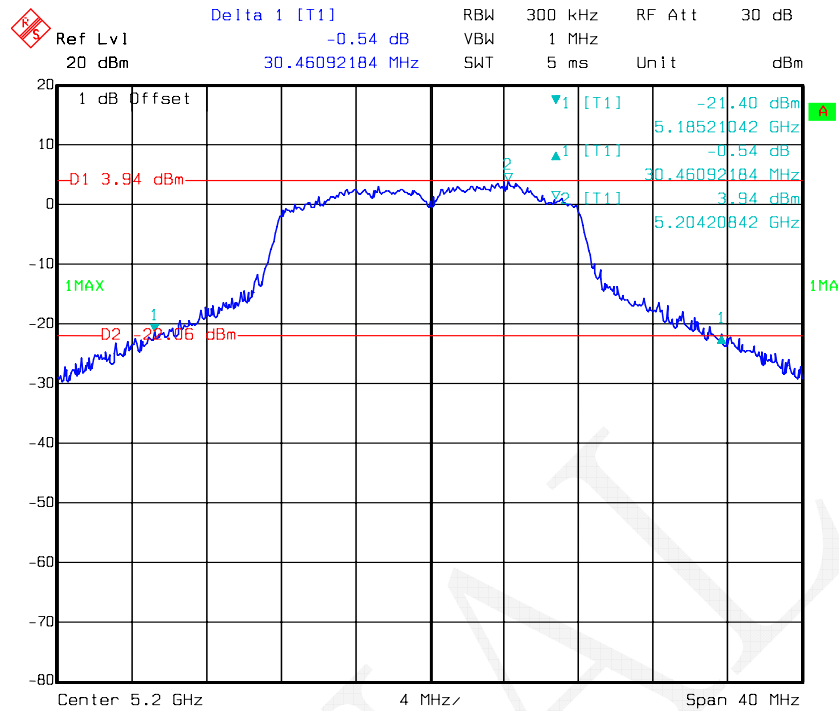
Chain 0:802.11n ac80 Middle Channel



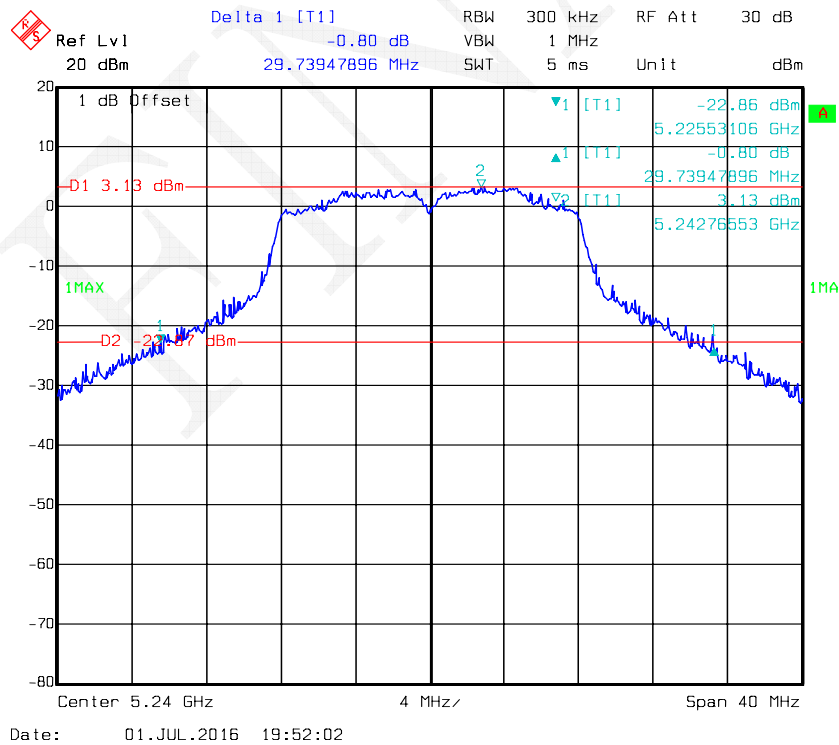
Chain 1:802.11a Low Channel



Chain 1:802.11a Middle Channel



Chain 1:802.11a High Channel



Ref Lvl 20 dBm

Delta 1 [T1] -1.21 dB

RBW 300 kHz

RF Att 30 dB

Unit dBm

29.17835671 MHz

SWT 5 ms

1 dB Offset

D1 3.26 dBm

D2 -23.74 dBm

1MAX

1MA

Center 5.24 GHz

4 MHz

Span 40 MHz

29.17835671 MHz

5.22545090 GHz

5.24460922 GHz

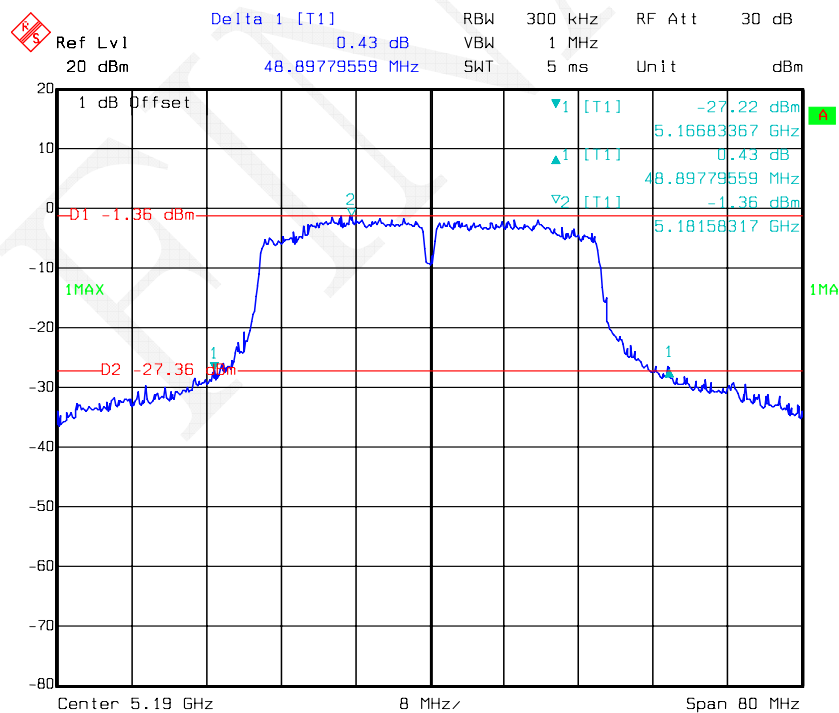
-22.53 dBm

-1.21 dB

3.26 dBm

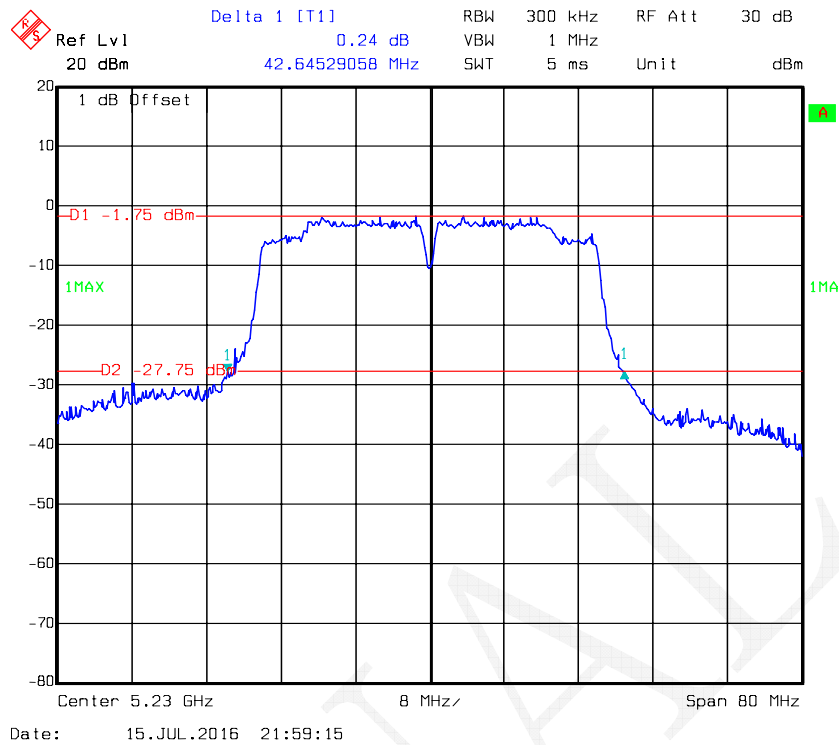
5.24460922 GHz

Chain 1:802.11n ht40 Low Channel

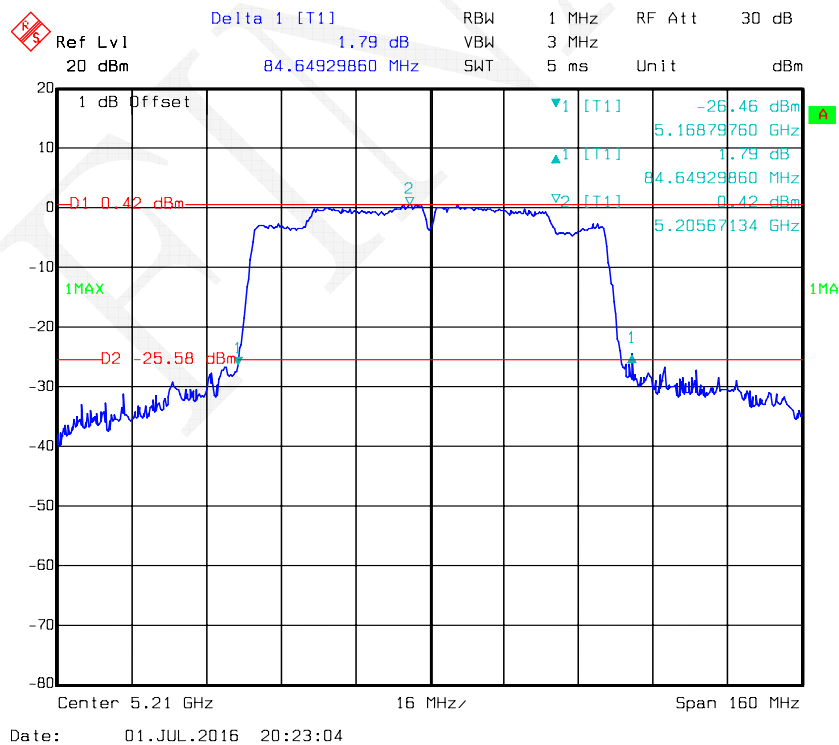


Date: 01.JUL.2016 20:09:57

Chain 1:802.11n ht40 High Channel

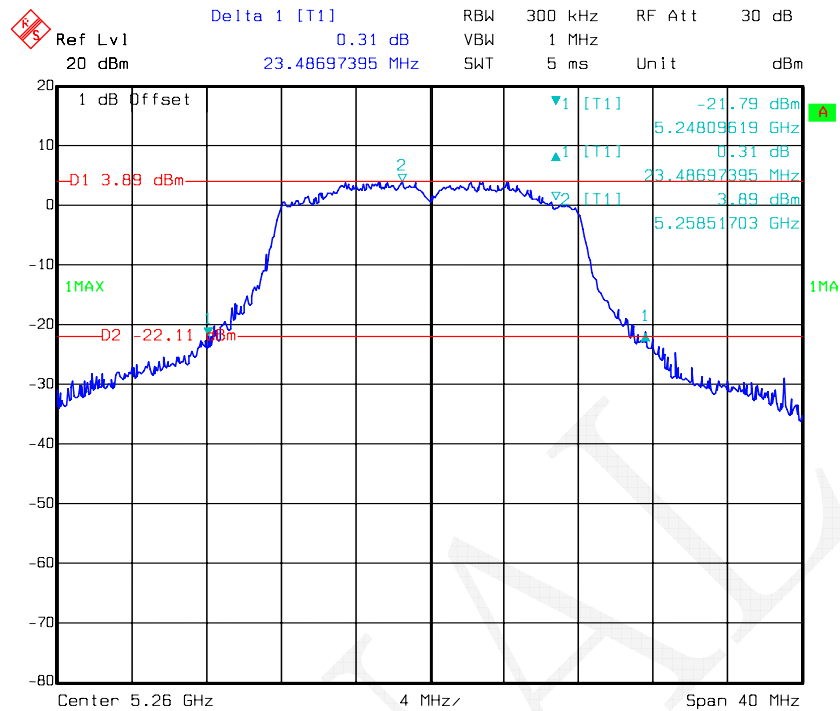


Chain 1:802.11n ac80 Middle Channel

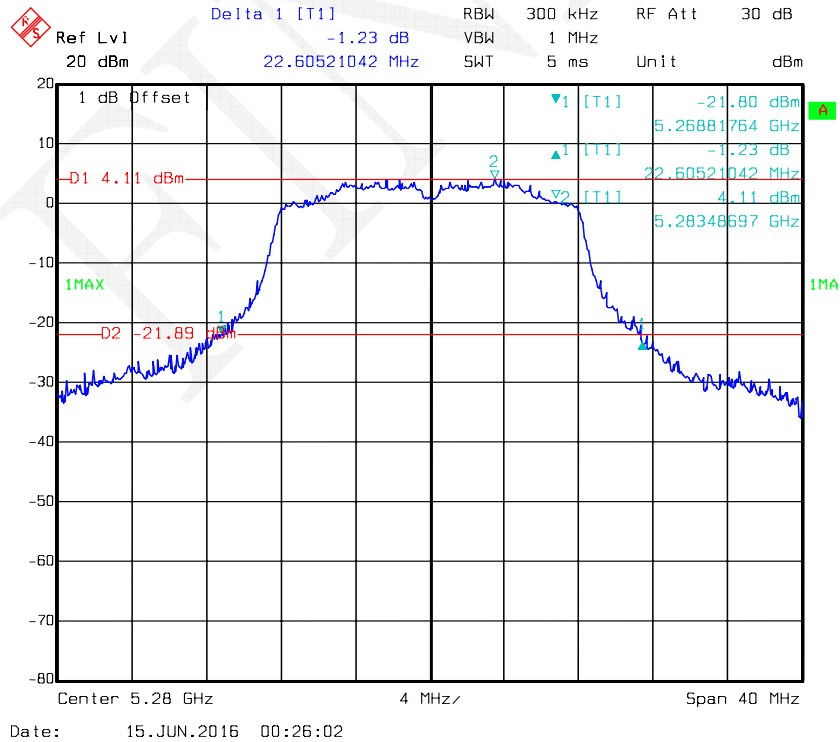


5250-5350MHz:

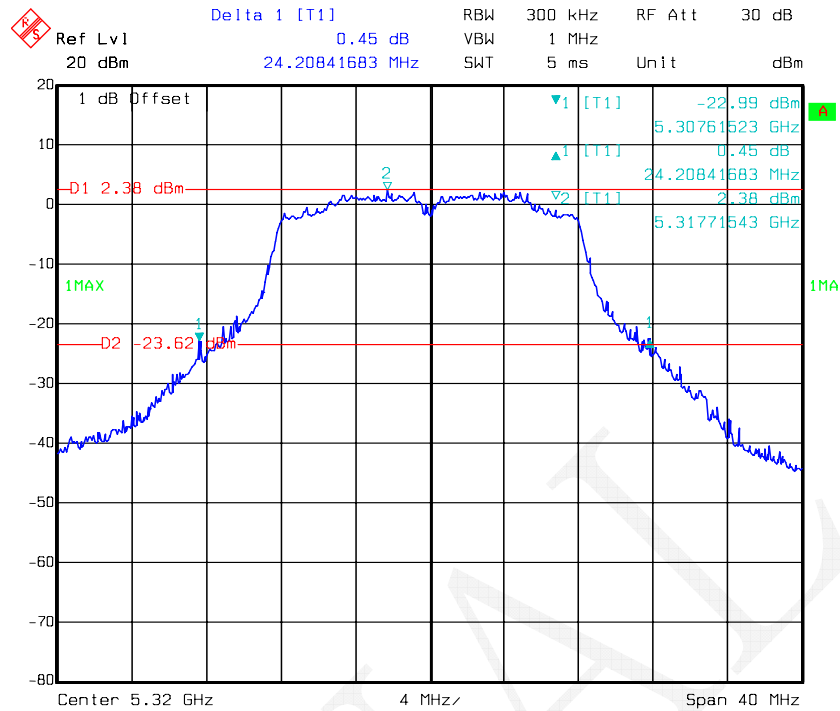
Chain 0:802.11a Low Channel



Chain 0:802.11a Middle Channel

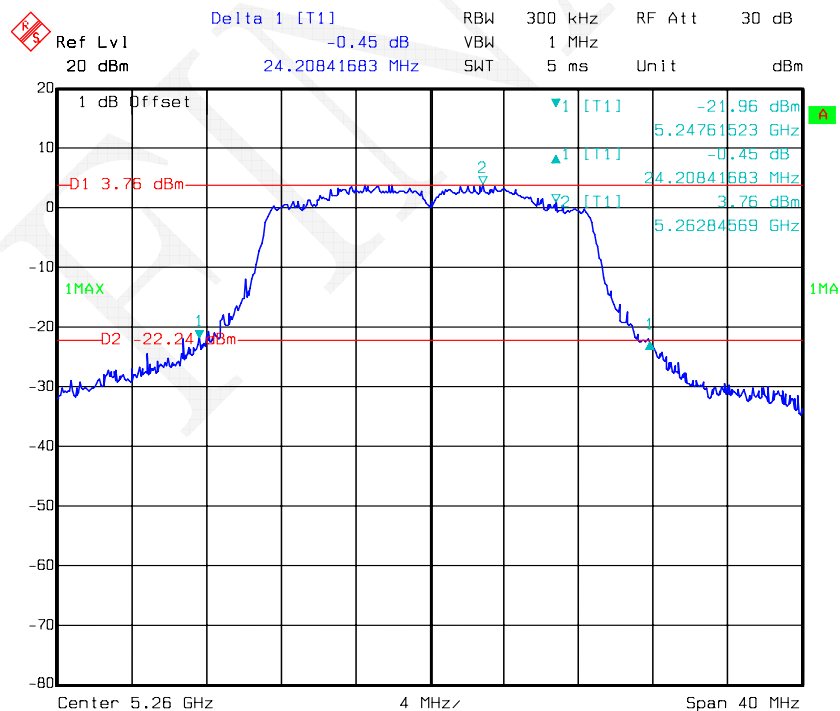


Chain 0:802.11a High Channel



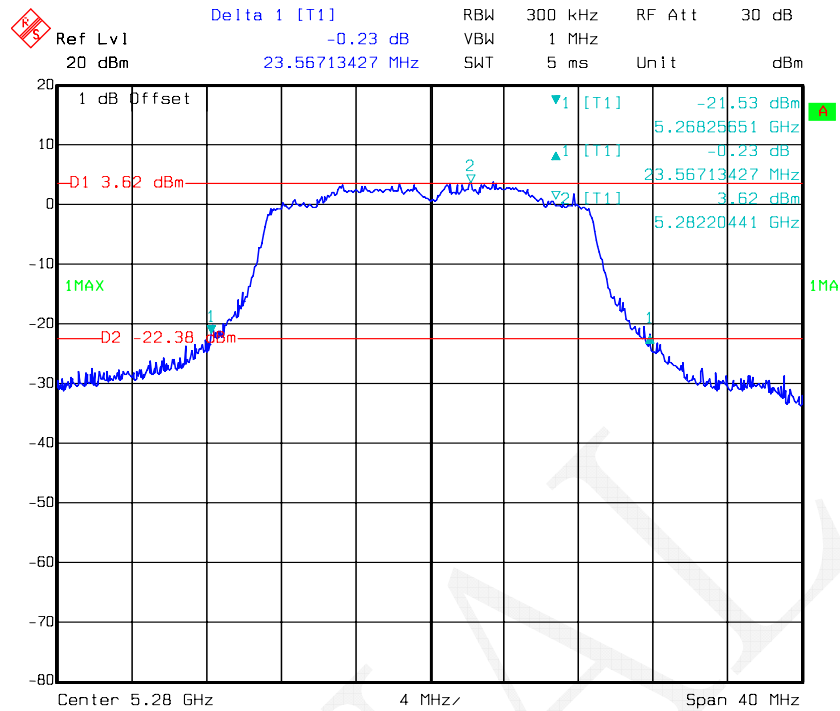
Date: 15.JUN.2016 00:27:48

Chain 0:802.11n ht20 Low Channel

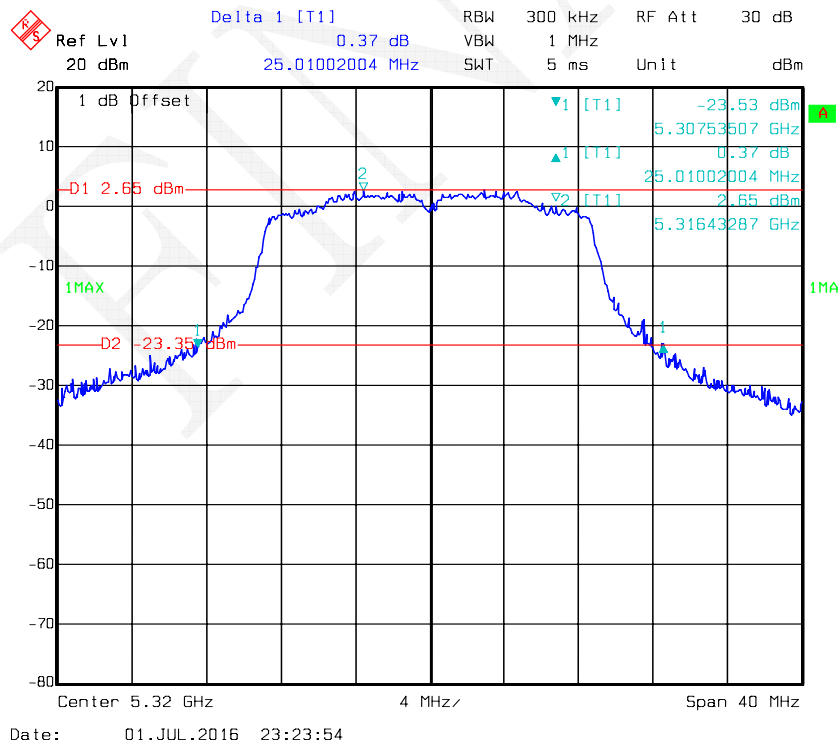


Date: 15.JUN.2016 00:30:21

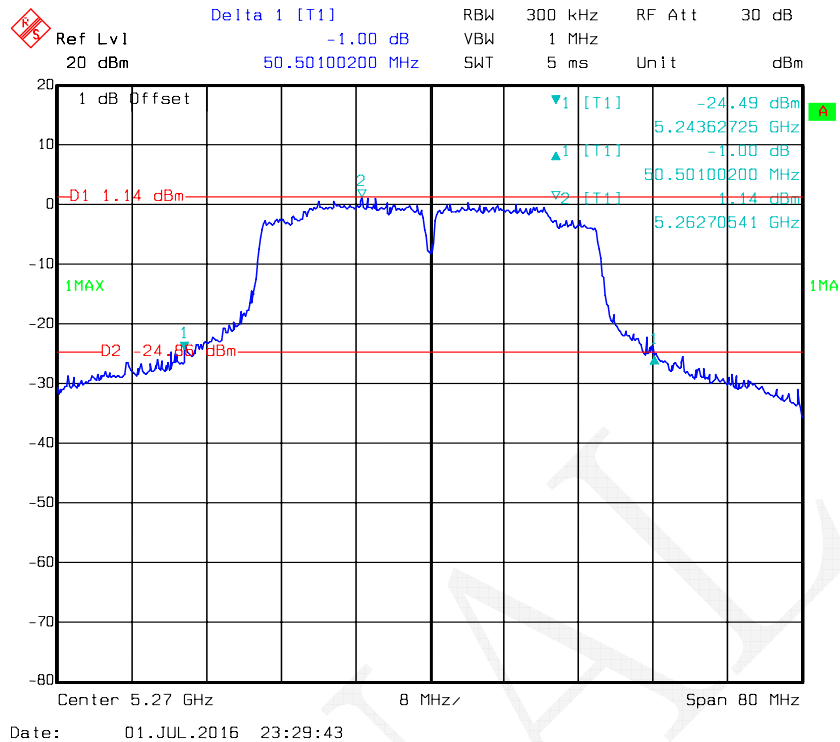
Chain 0:802.11n ht20 Middle Channel



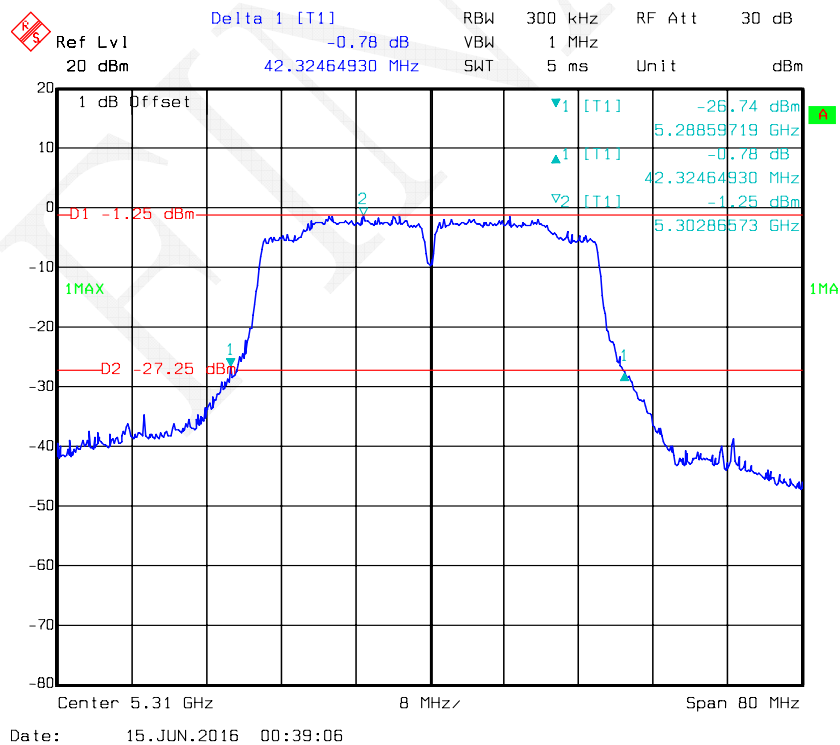
Chain 0:802.11n ht20 High Channel



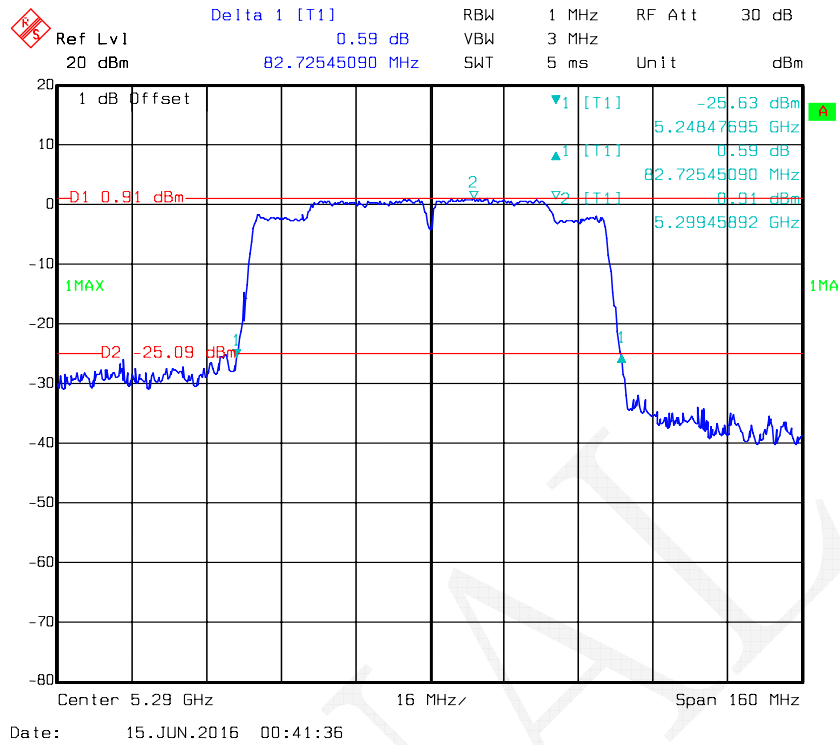
Chain 0:802.11n ht40 Low Channel



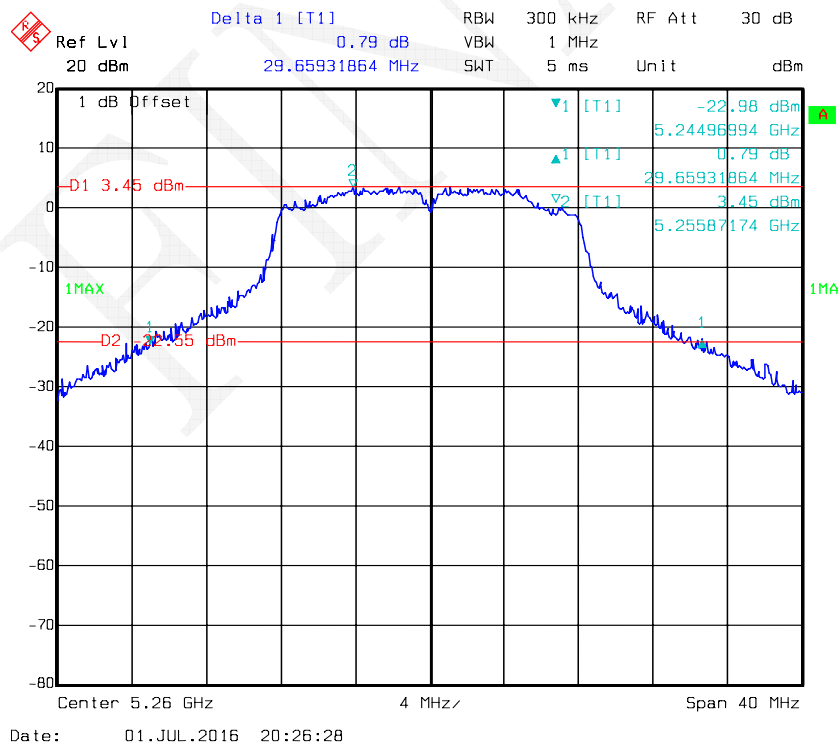
Chain 0:802.11n ht40 High Channel



Chain 0:802.11n ac80 Middle Channel



Chain 1:802.11a Low Channel



Delta 1 [T1] 0.98 dB RBW 300 kHz RF Att 30 dB
 Ref Lvl 20 dBm VBW 1 MHz
 20 dBm 29.49899800 MHz SWT 5 ms Unit dBm

1 dB Offset

-D1 2.96 dBm

1MAX

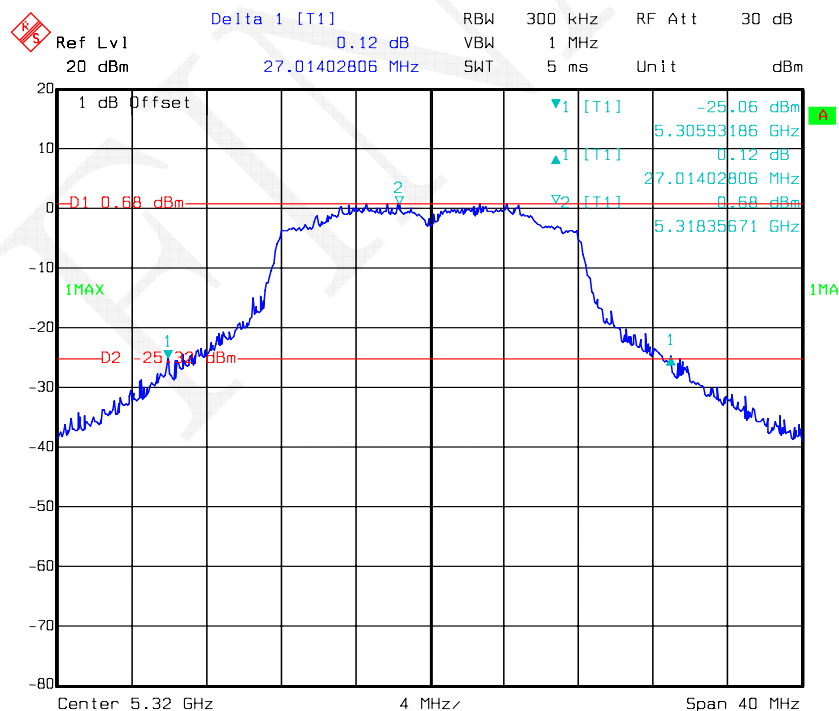
-D2 -23.04 dBm

2

[T1] -22.97 dBm 5.26513026 GHz
 [T1] 0.98 dB 29.49899800 MHz
 [T1] 2.96 dBm 5.28460322 GHz

Center 5.28 GHz 4 MHz/ Span 40 MHz

Chain 1:802.11a High Channel



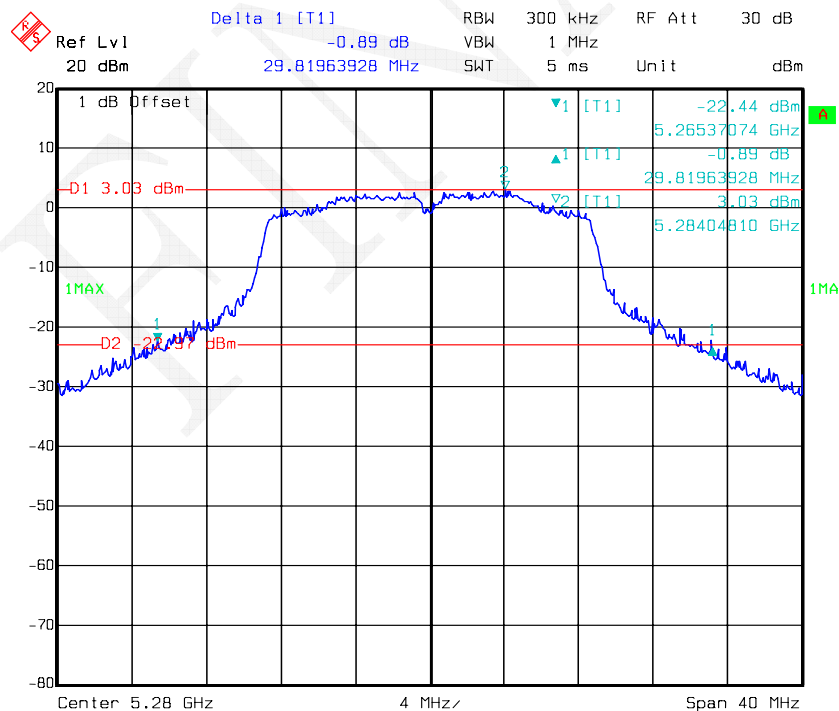
Date: 01.JUL.2016 20:34:10

Delta 1 [T1] -0.30 dB
 RBW 300 kHz RF Att 30 dB
 Ref Lvl 20 dBm 29.33867735 MHz
 VBW 1 MHz
 SWT 5 ms Unit dBm

1 dB Offset
 -D1 3.59 dBm
 1MAX
 -D2 -22.41 dBm
 1
 2
 1 [T1] -22.17 dBm 5.24505010 GHz
 1 [T1] -0.30 dB 29.33867735 MHz
 2 [T1] 3.59 dBm 5.25651303 GHz
 1MAX

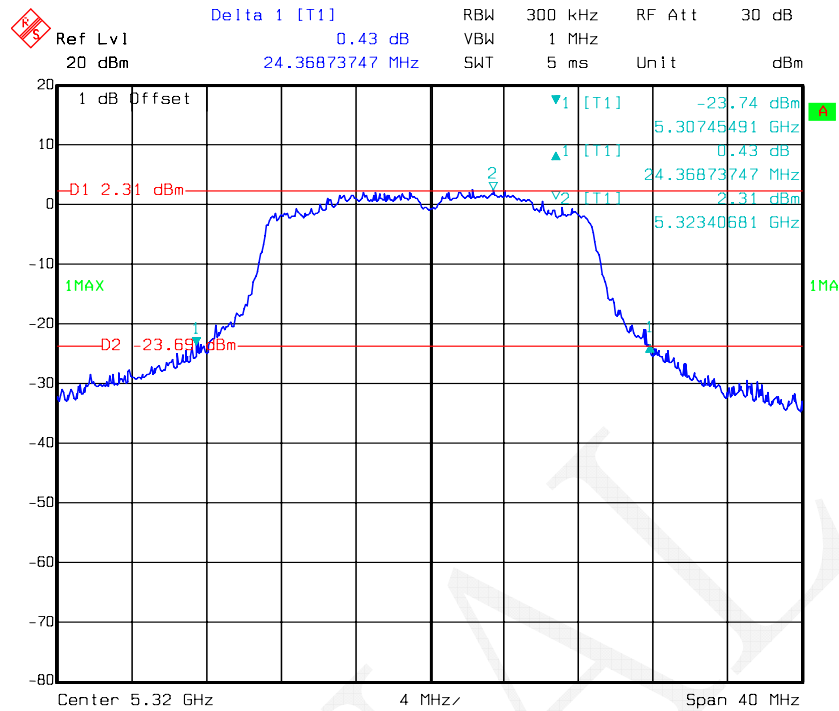
Center 5.26 GHz 4 MHz/ Span 40 MHz

Chain 1:802.11n ht20 Middle Channel

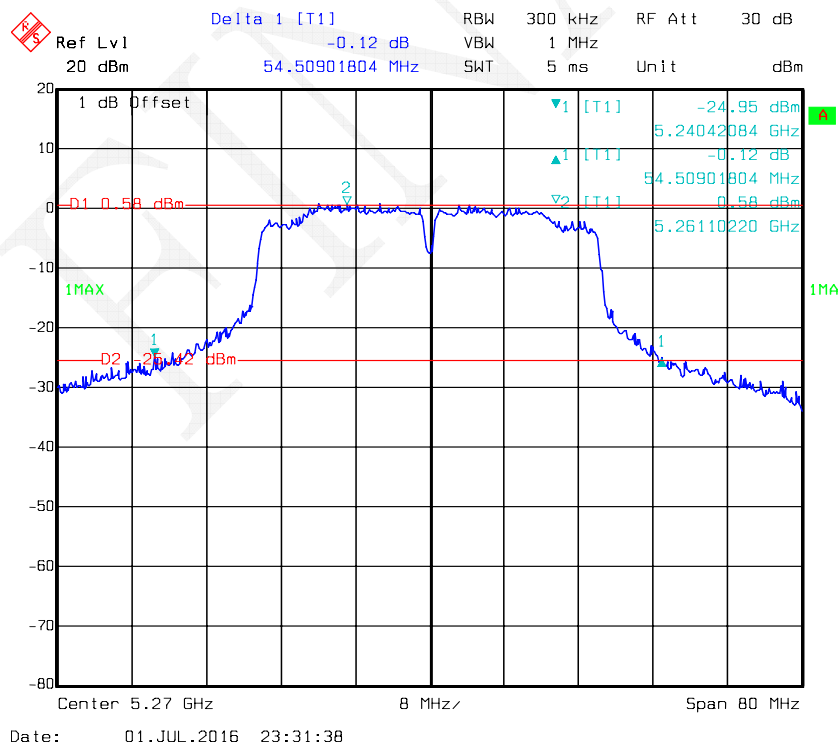


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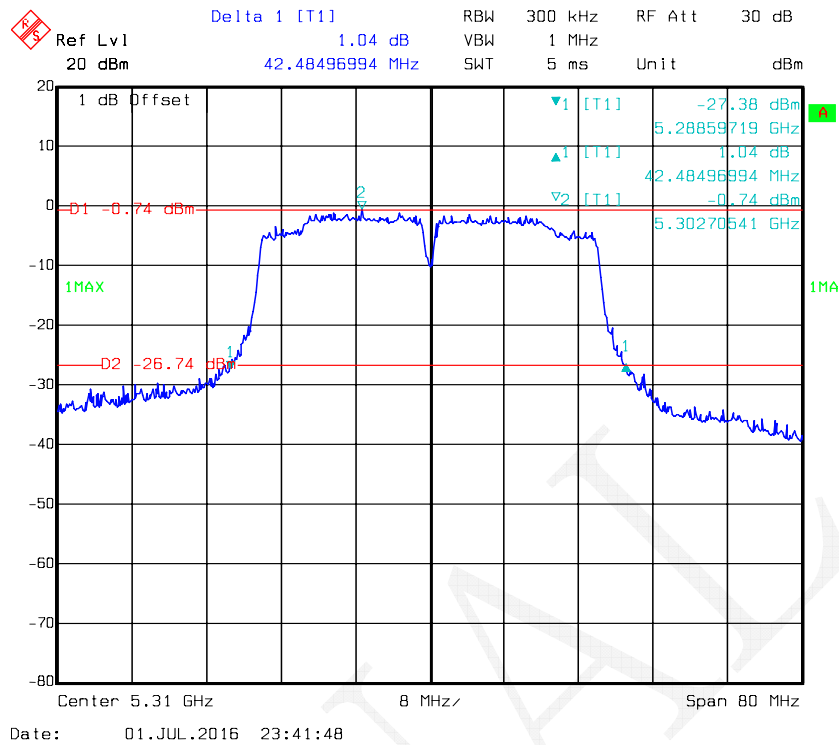
Chain 1:802.11n ht20 High Channel



Chain 1:802.11n ht40 Low Channel



Chain 1:802.11n ht40 High Channel



Chain 1:802.11n ac80 Middle Channel

