

## 7. RF Antenna conducted Spurious

<b>Name of Test</b>	RF Antenna Conducted Spurious
<b>Base Standard</b>	FCC 15.247(d)

**Test Result:** Complies  
**Measurement Data:** See plots below

**Method of Measurement:**

**Reference FCC document: KDB558074**

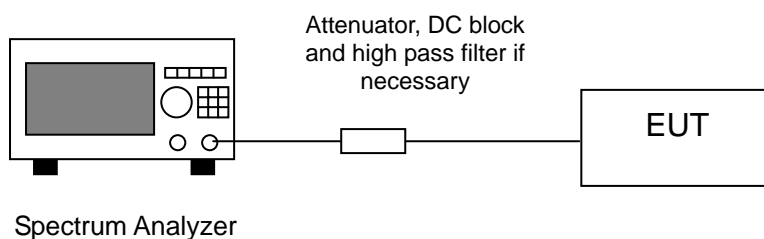
The measurements were performed from 30 MHz to 25 GHz(for 2.4G) and 30 MHz to 40

**Method of Measurement:**

**Reference FCC document: KDB558074**

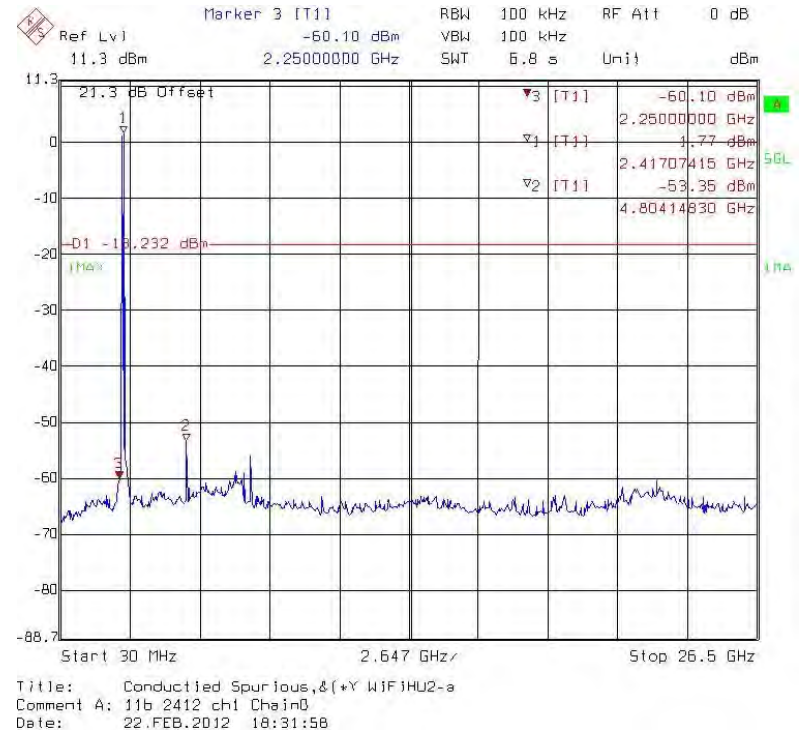
The measurements were performed from 30 MHz to 25 GHz RF antenna conducted per FCC 15.247 (d) was measured from the EUT antenna port using a 50 ohm spectrum analyzer with the resolution bandwidth set at 100 kHz, and the video bandwidth set at 100 kHz. Harmonics and spurious noise must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW. The table below is the results from the highest emission for each channel within the authorized band. This table was used to determine the spurious limits for each channel.

**Test Diagram:**

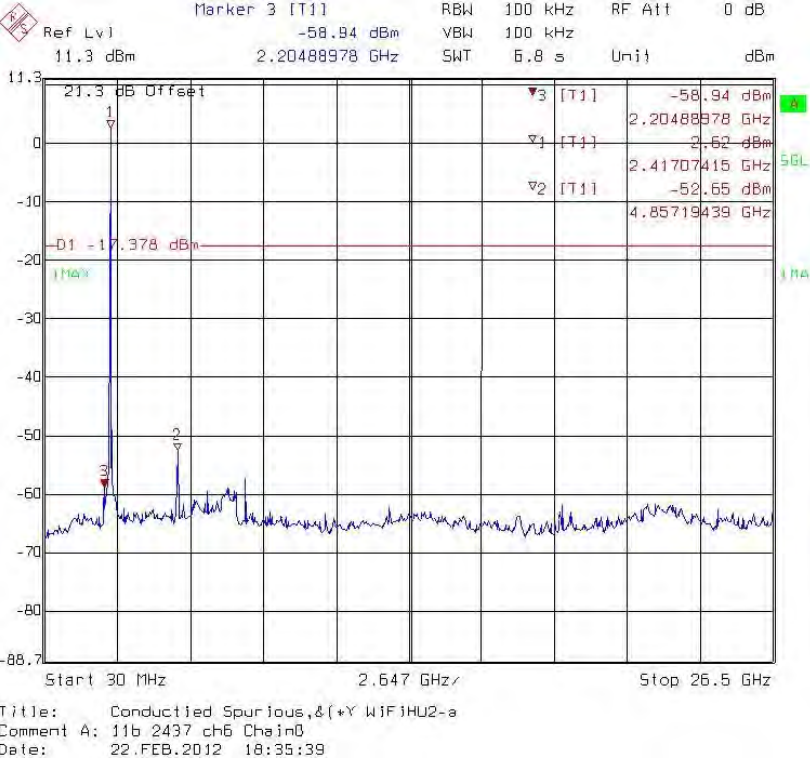


For WiFiHU2-a-1-NE

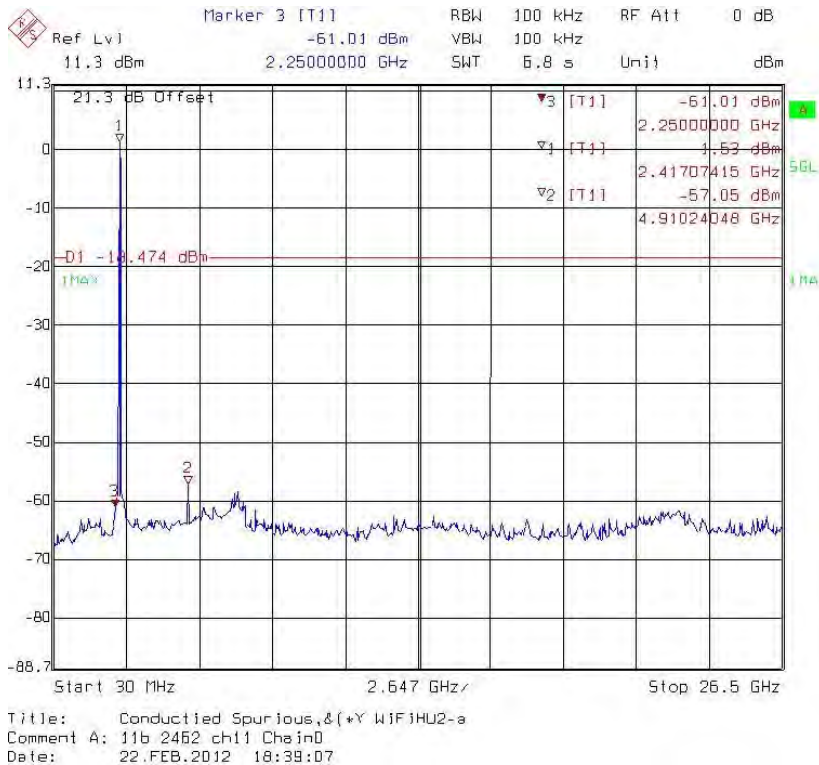
Chain 0: conducted spurious @ 802.11b mode channel 1



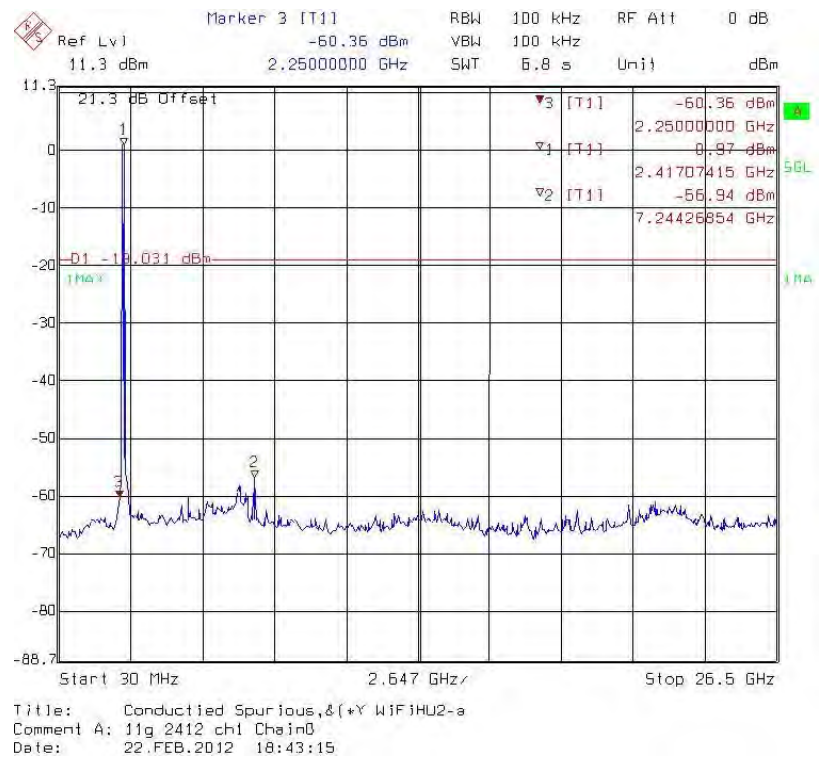
Chain 0: conducted spurious @ 802.11b mode channel 6



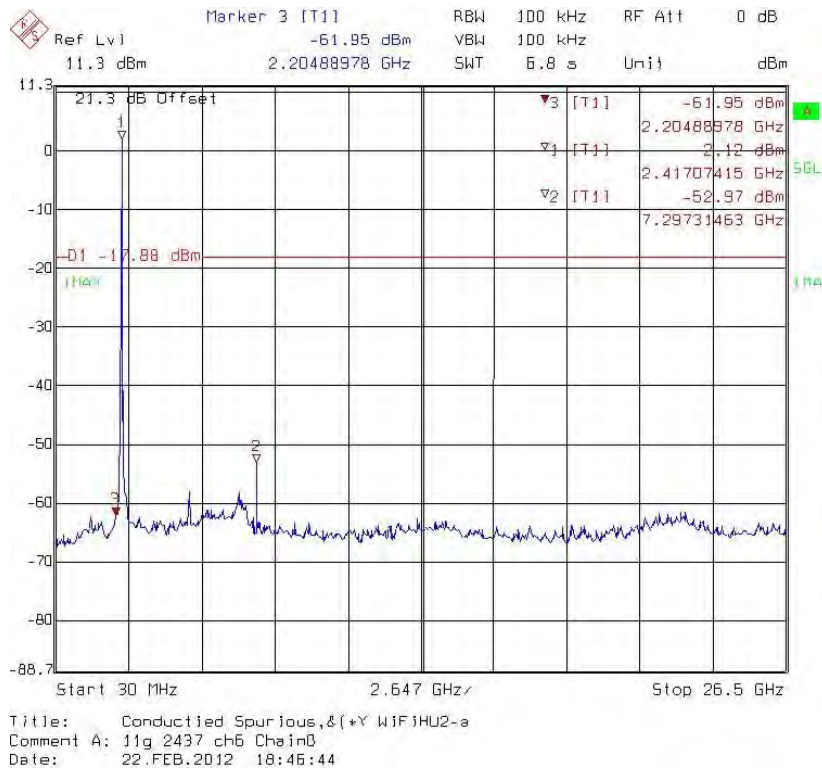
**Chain 0: conducted spurious @ 802.11b mode channel 11**



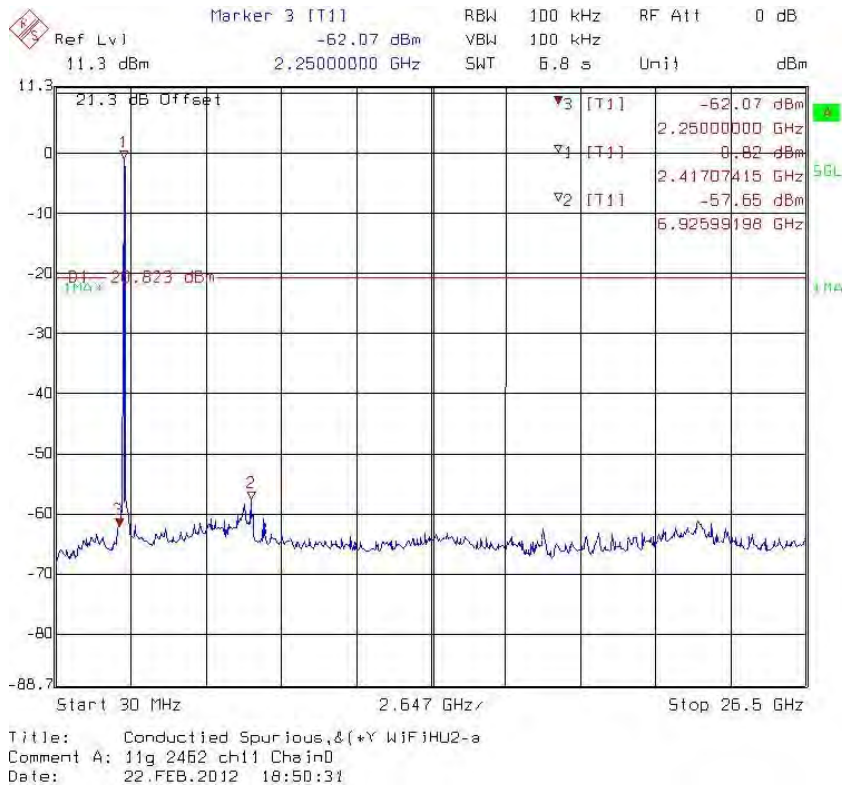
**Chain 0: conducted spurious @ 802.11g mode channel 1**



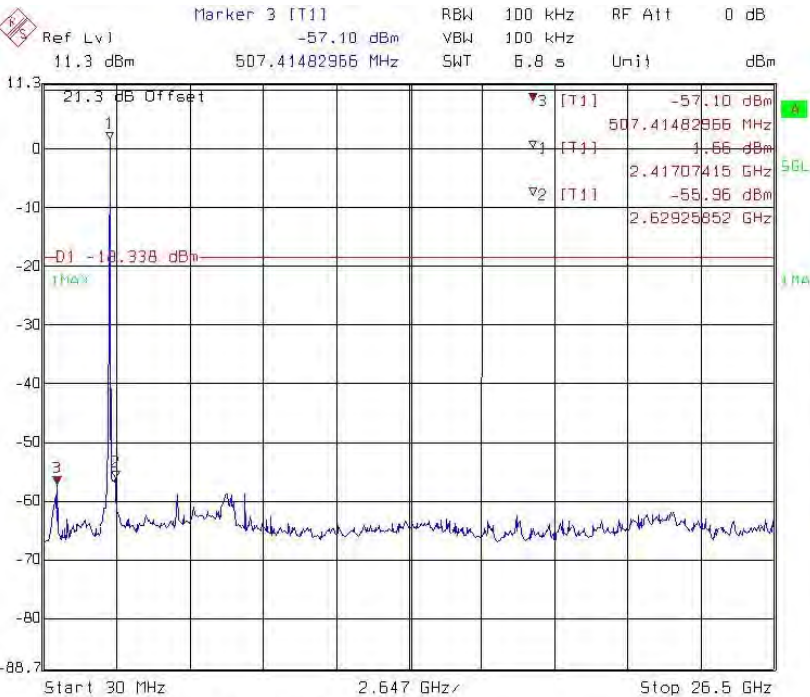
**Chain 0: conducted spurious @ 802.11g mode channel 6**



**Chain 0: conducted spurious @ 802.11g mode channel 11**

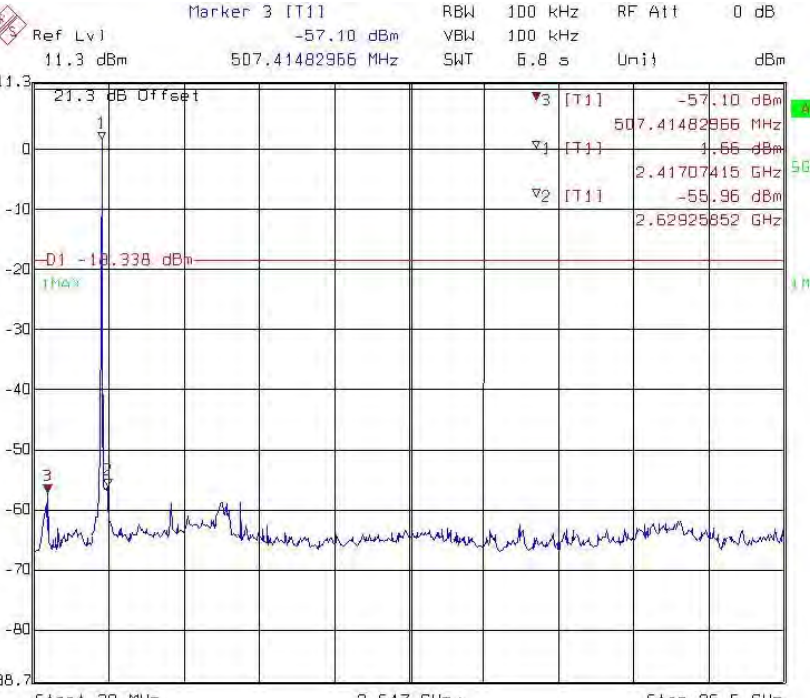


### Chain 1: conducted spurious @ 802.11g mode channel 1



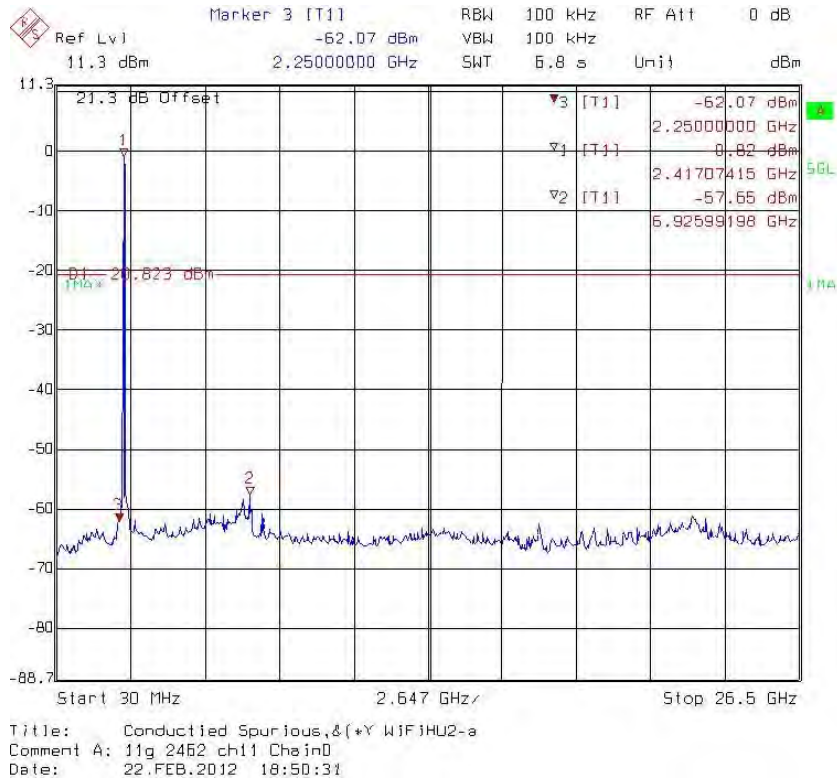
Title: Conducted Spurious, & (+Y) WIFIHU2-a  
 Comment A: 11g 2437 ch6 Chain1  
 Date: 22.FEB.2012 19:34:49

### Chain 1: conducted spurious @ 802.11g mode channel 6

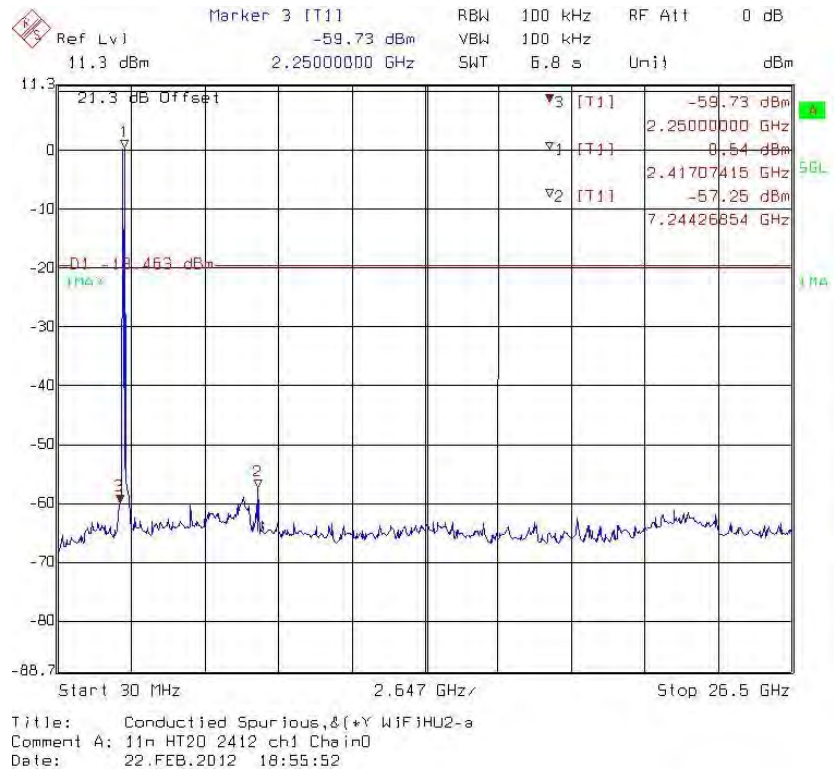


Title: Conducted Spurious, & (+Y) WIFIHU2-a  
 Comment A: 11g 2437 ch6 Chain1  
 Date: 22.FEB.2012 19:34:49

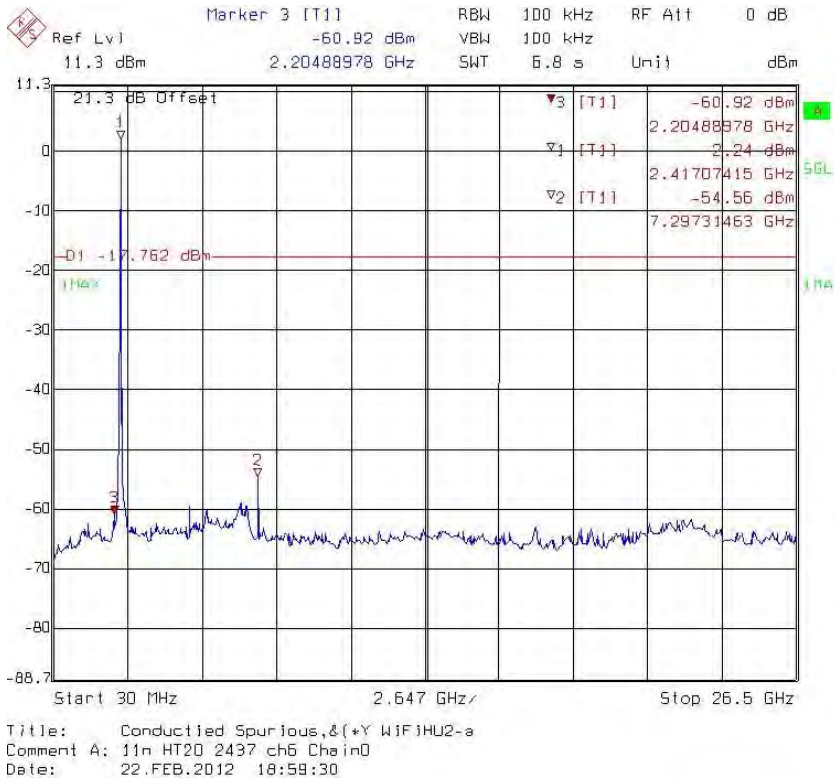
**Chain 1: conducted spurious @ 802.11g mode channel 11**



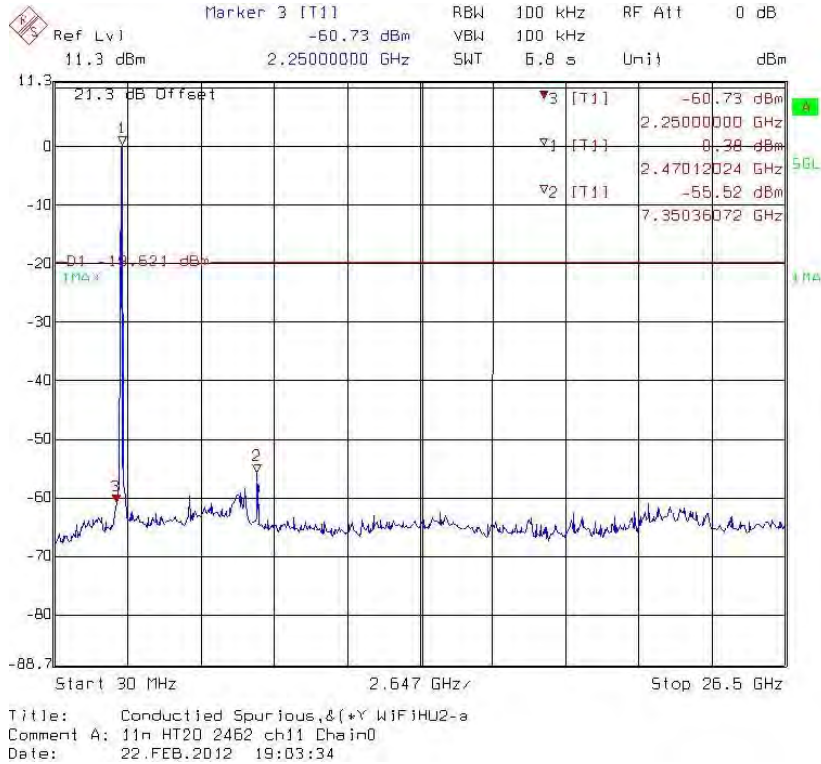
**Chain 0: conducted spurious @ 802.11n HT20 mode channel 1**



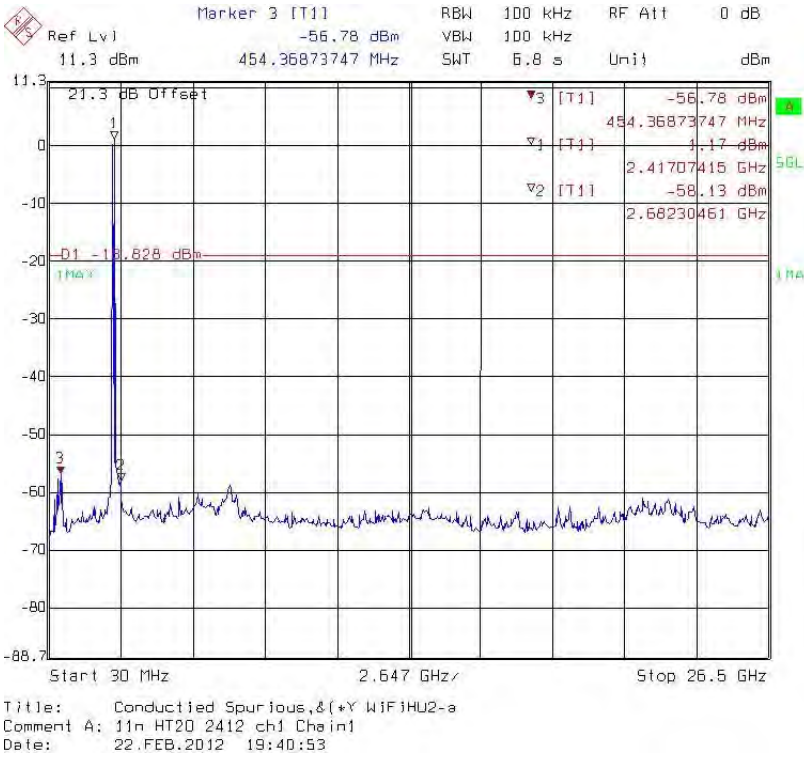
**Chain 0: conducted spurious @ 802.11n HT20 mode channel 6**



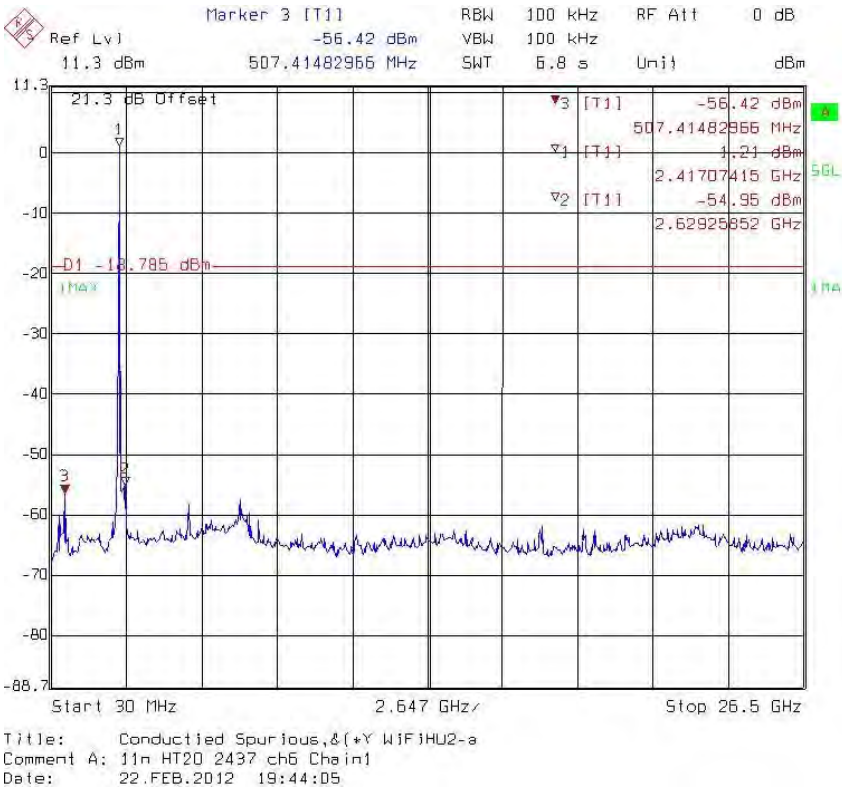
**Chain 0: conducted spurious @ 802.11n HT20 mode channel 11**



**Chain 1: conducted spurious @ 802.11n HT20 mode channel 1**

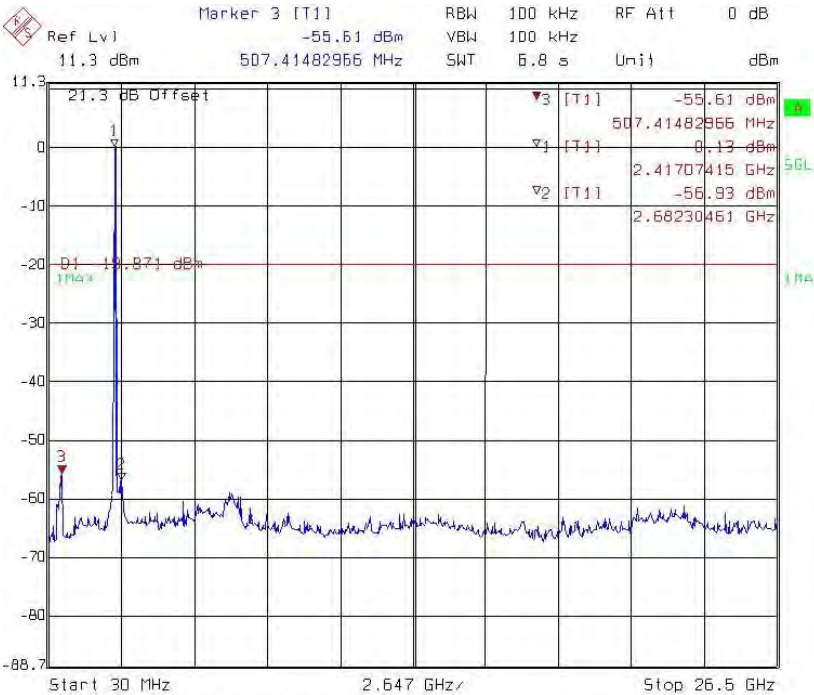


**Chain 1: conducted spurious @ 802.11n HT20 mode channel 6**



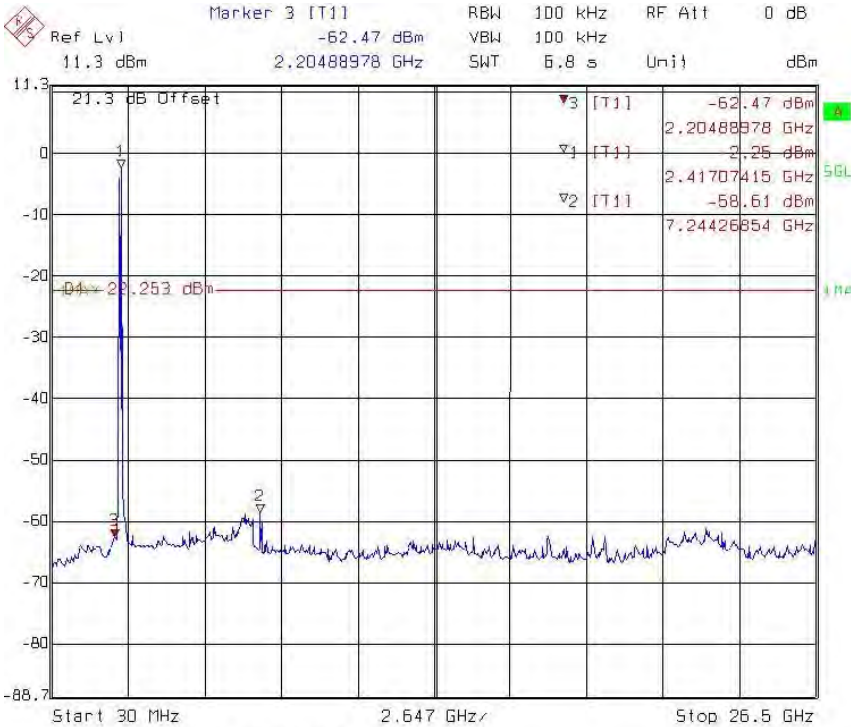


**Chain 1: conducted spurious @ 802.11n HT20 mode channel 11**



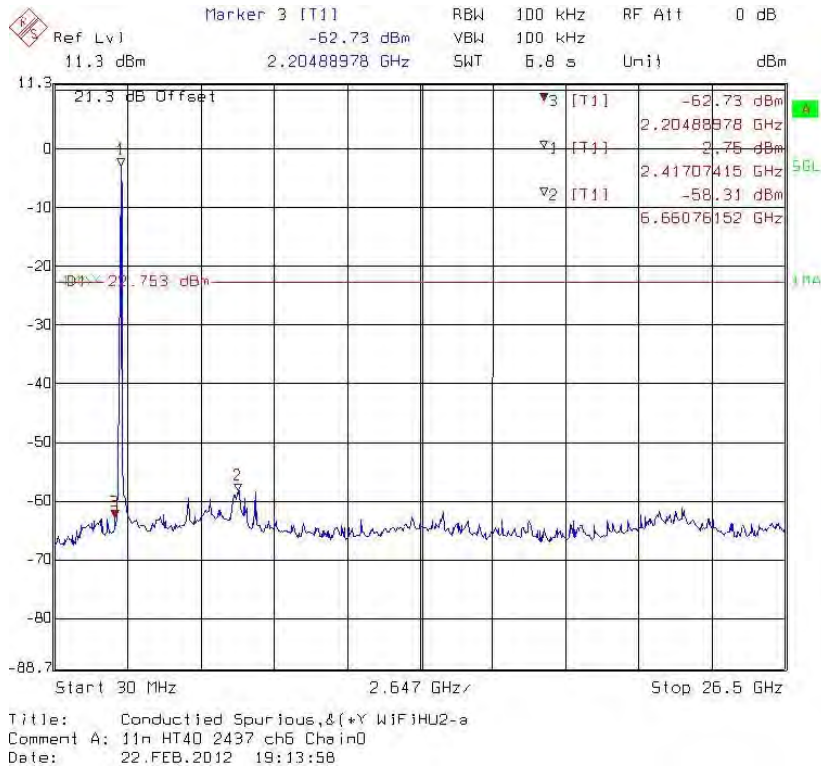
Title: Conducted Spurious,&(+Y WiFiHU2-a  
Comment A: 11n HT20 2462 ch11 Chain1  
Date: 22.FEB.2012 19:46:52

**Chain 0: conducted spurious @ 802.11n HT40 mode channel 3**

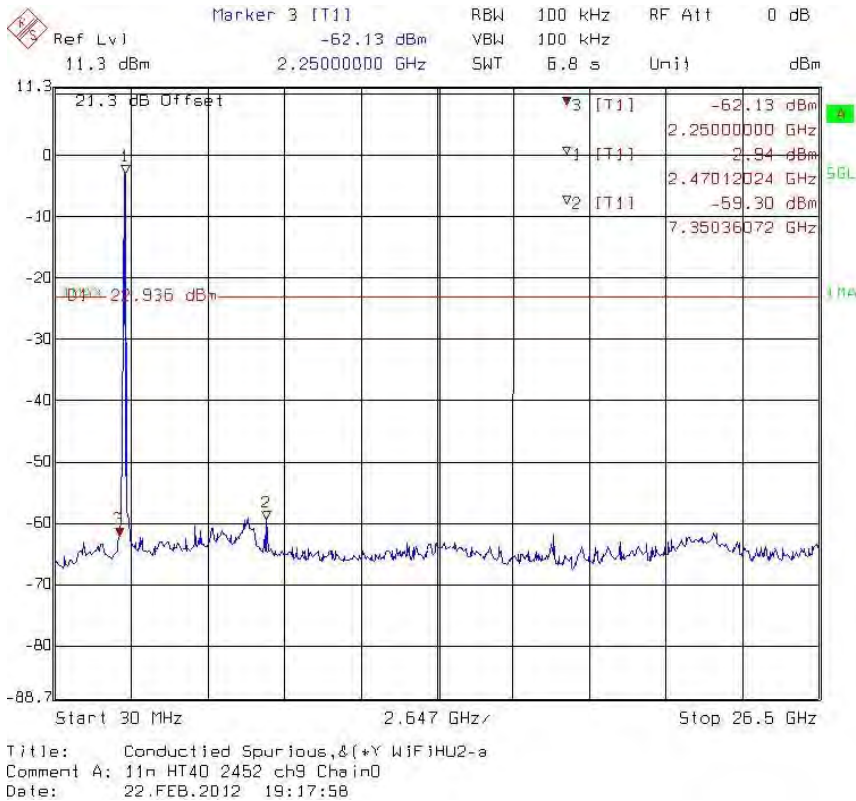


Title: Conducted Spurious,&(+Y WiFiHU2-a  
Comment A: 11n HT40 2422 ch3 Chain0  
Date: 22.FEB.2012 19:10:05

**Chain 0: conducted spurious @ 802.11n HT40 mode channel 6**



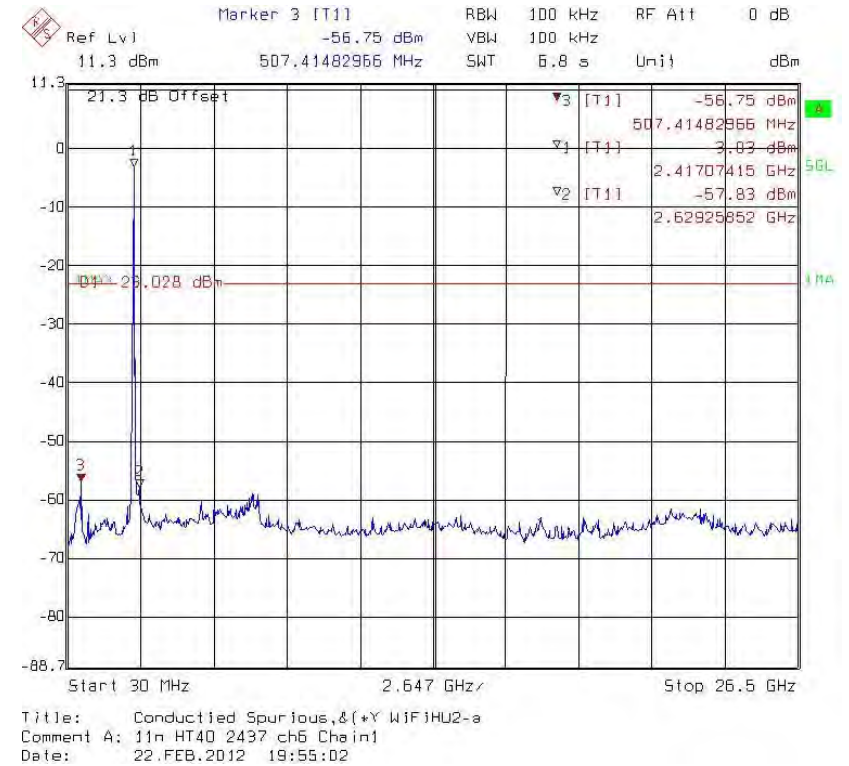
**Chain 0: conducted spurious @ 802.11n HT40 mode channel 9**



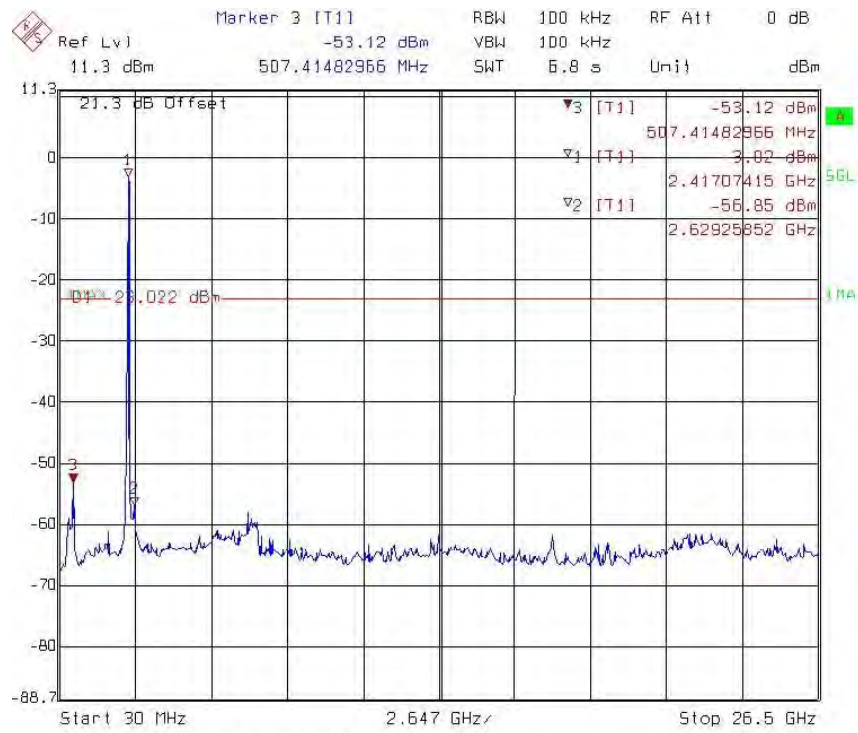
**Chain 1: conducted spurious @ 802.11n HT40 mode channel 3**



**Chain 1: conducted spurious @ 802.11n HT40 mode channel 6**

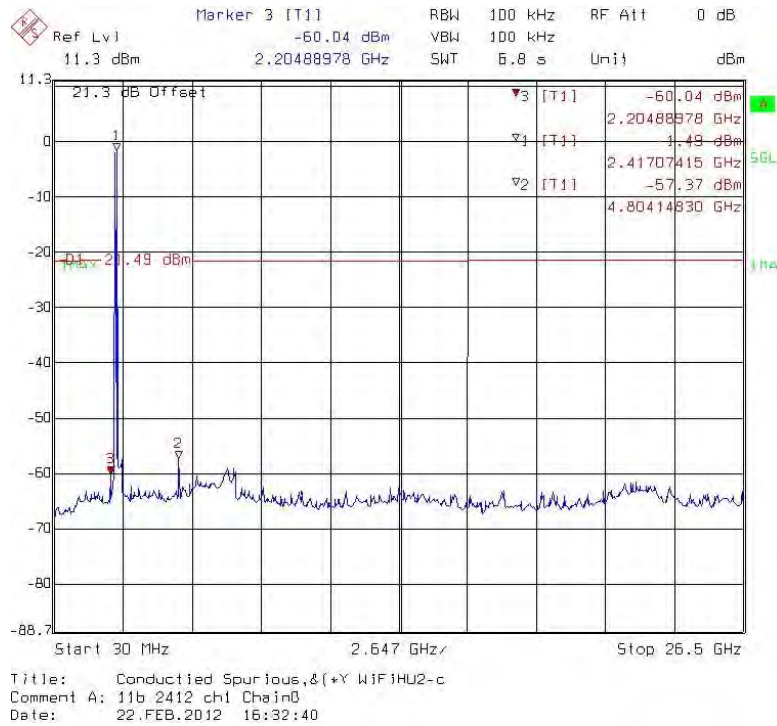


**Chain 1: conducted spurious @ 802.11n HT40 mode channel 9**

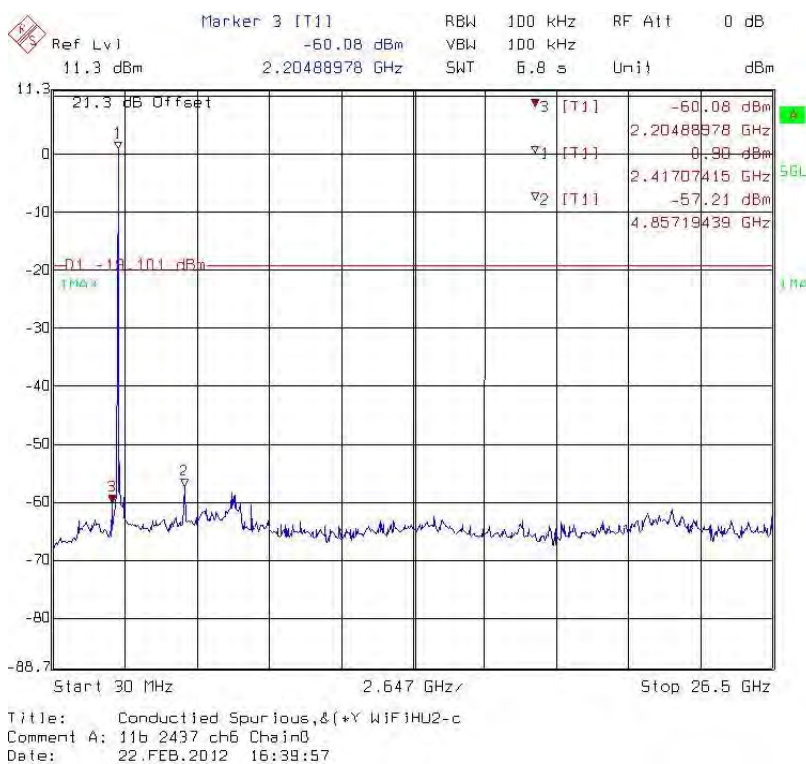


## For WiFiHU2-c-1-NE

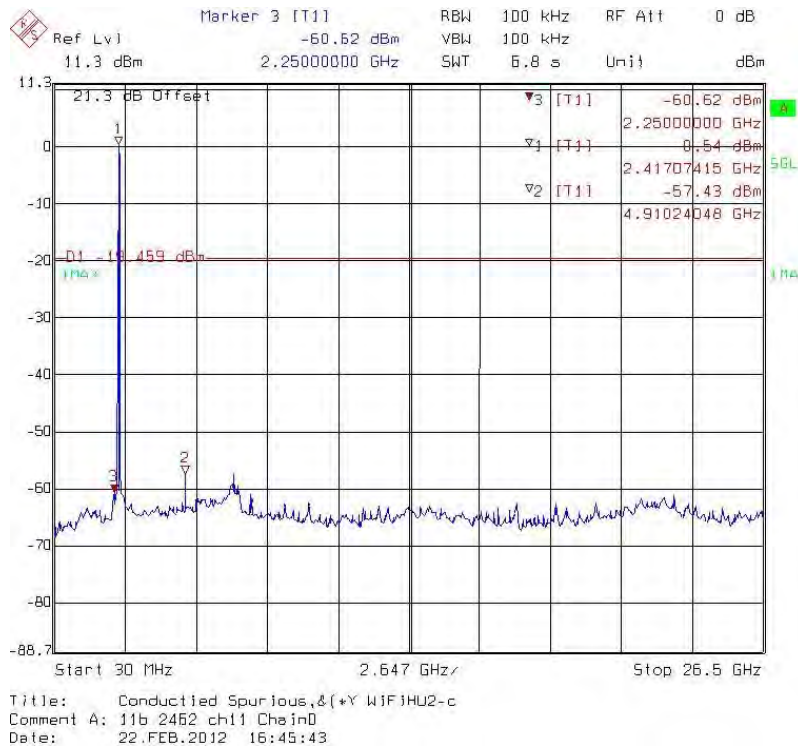
### Chain 0: conducted spurious @ 802.11b mode channel 1



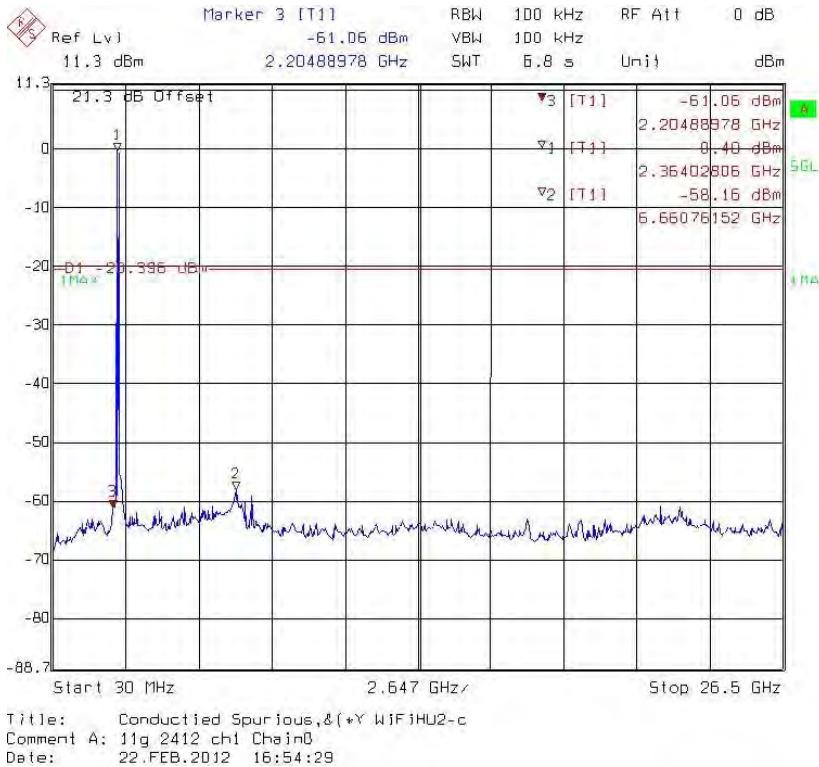
### Chain 0: conducted spurious @ 802.11b mode channel 6



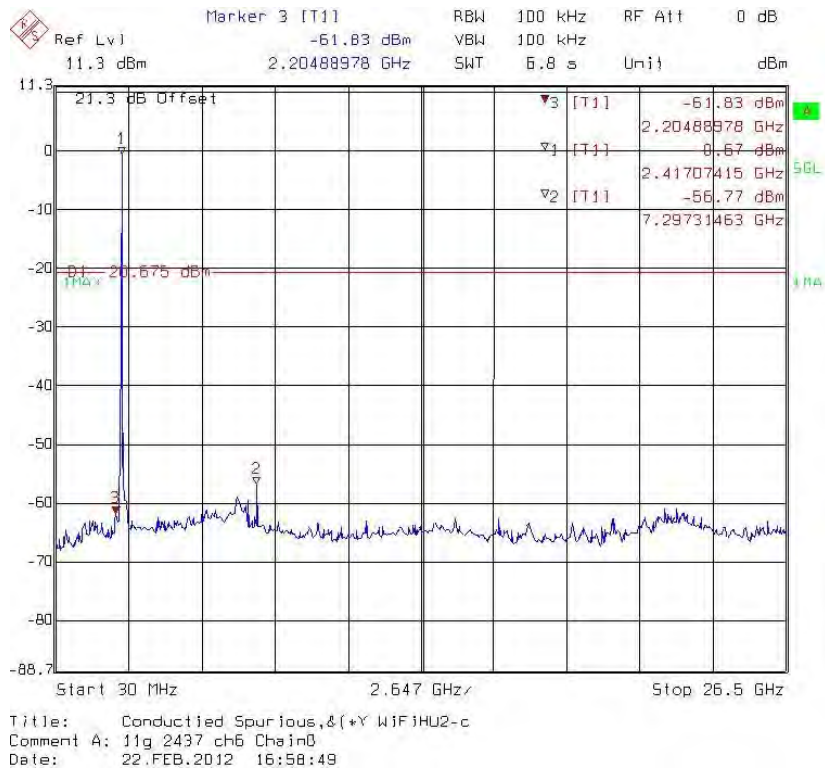
**Chain 0: conducted spurious @ 802.11b mode channel 11**



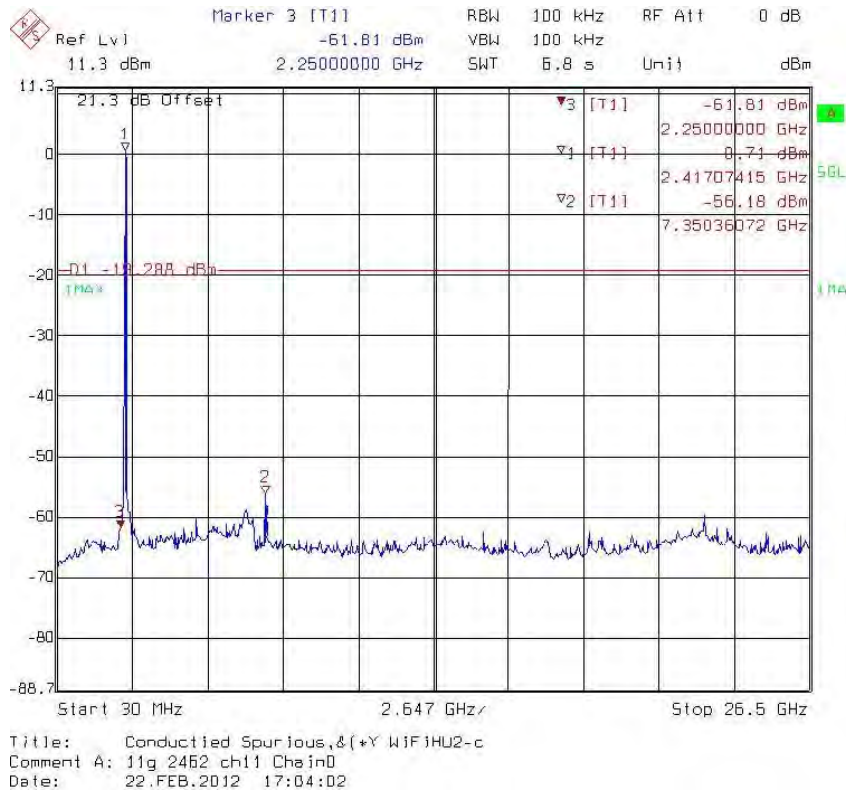
**Chain 0: conducted spurious @ 802.11g mode channel 1**



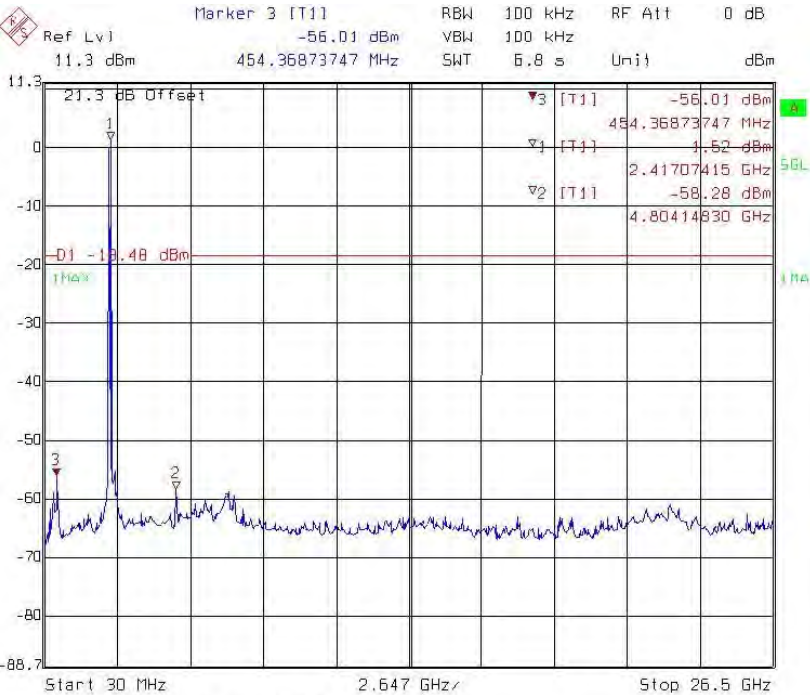
**Chain 0: conducted spurious @ 802.11g mode channel 6**



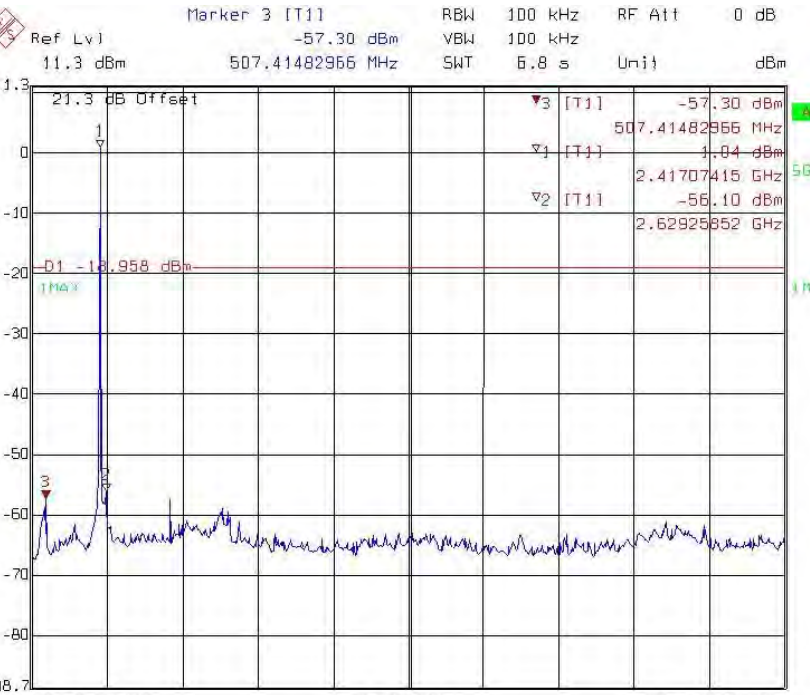
**Chain 0: conducted spurious @ 802.11g mode channel 11**



### Chain 1: conducted spurious @ 802.11g mode channel 1

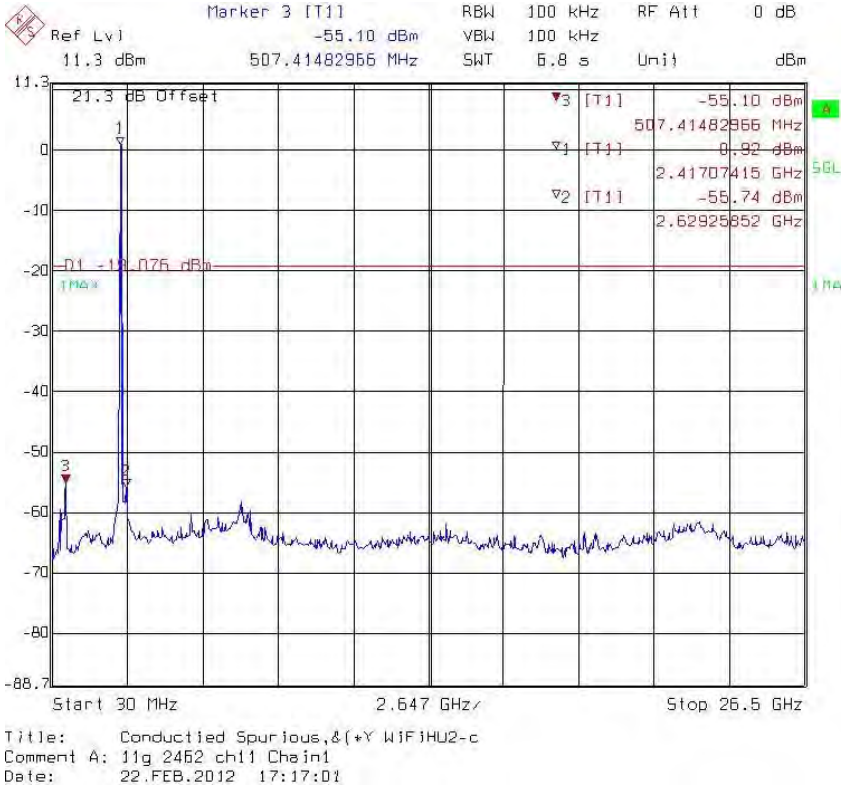


### Chain 1: conducted spurious @ 802.11g mode channel 6

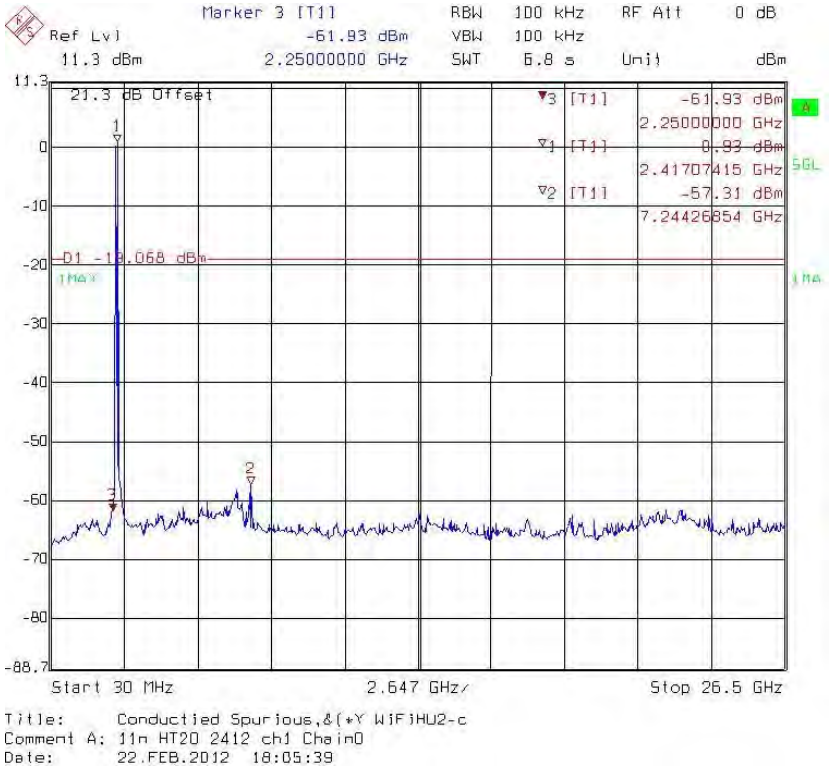




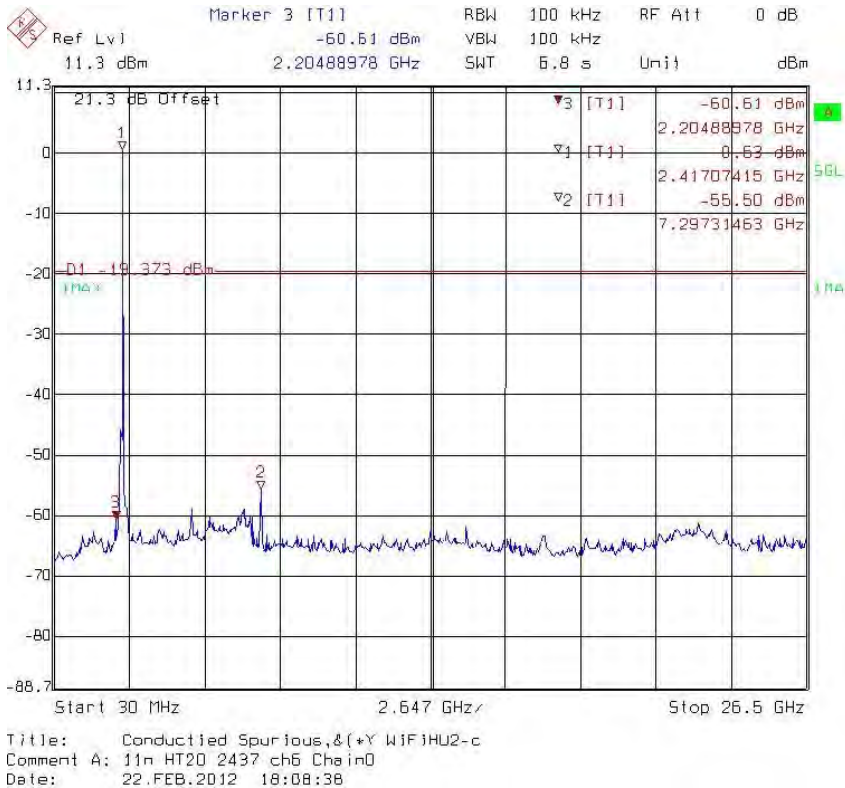
**Chain 1: conducted spurious @ 802.11g mode channel 11**



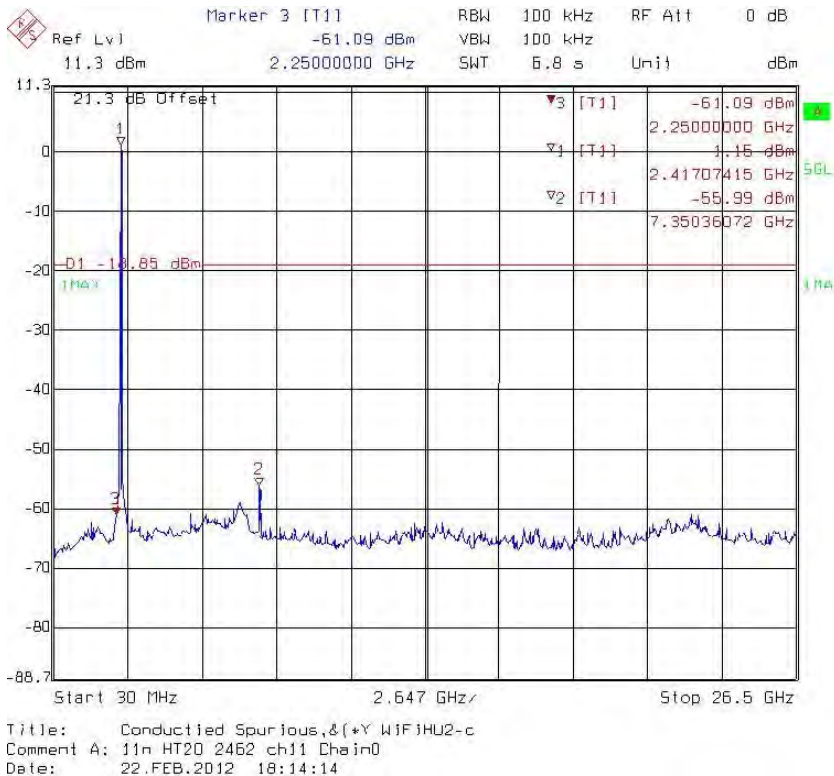
**Chain 0: conducted spurious @ 802.11n HT20 mode channel 1**



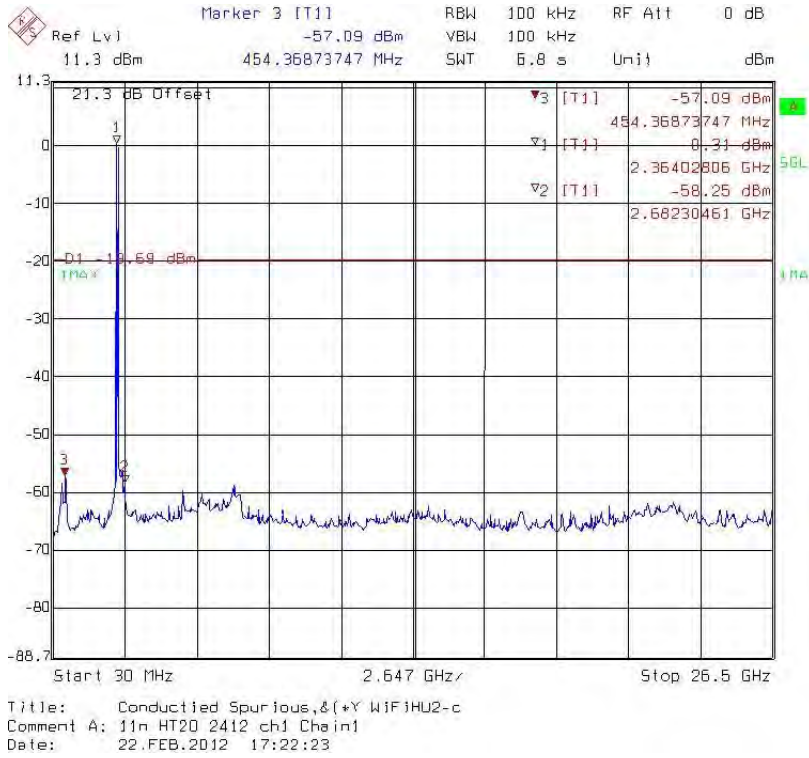
**Chain 0: conducted spurious @ 802.11n HT20 mode channel 6**



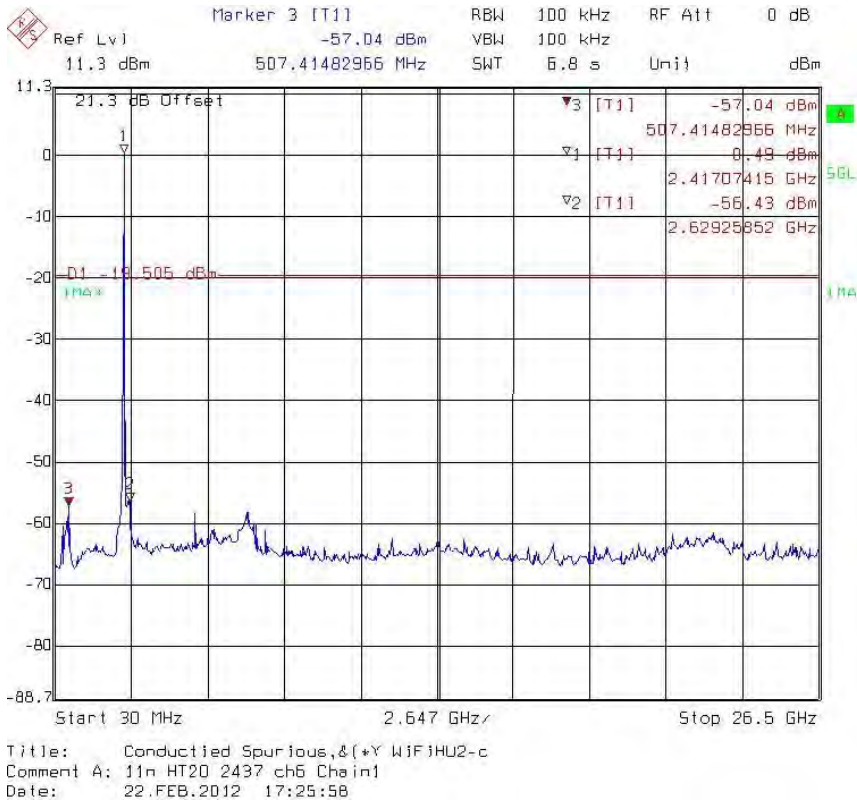
**Chain 0: conducted spurious @ 802.11n HT20 mode channel 11**



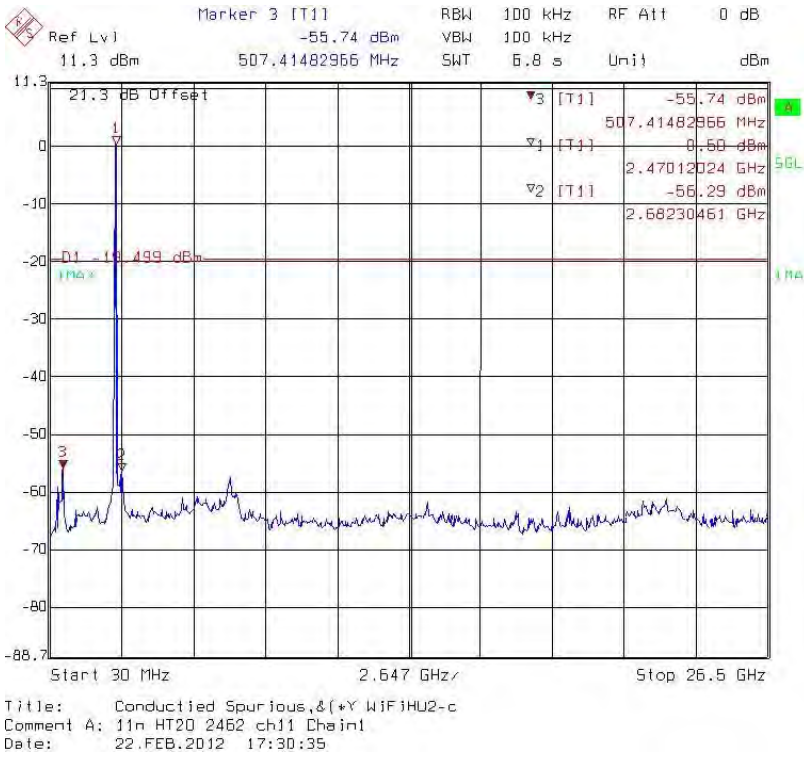
**Chain 1: conducted spurious @ 802.11n HT20 mode channel 1**



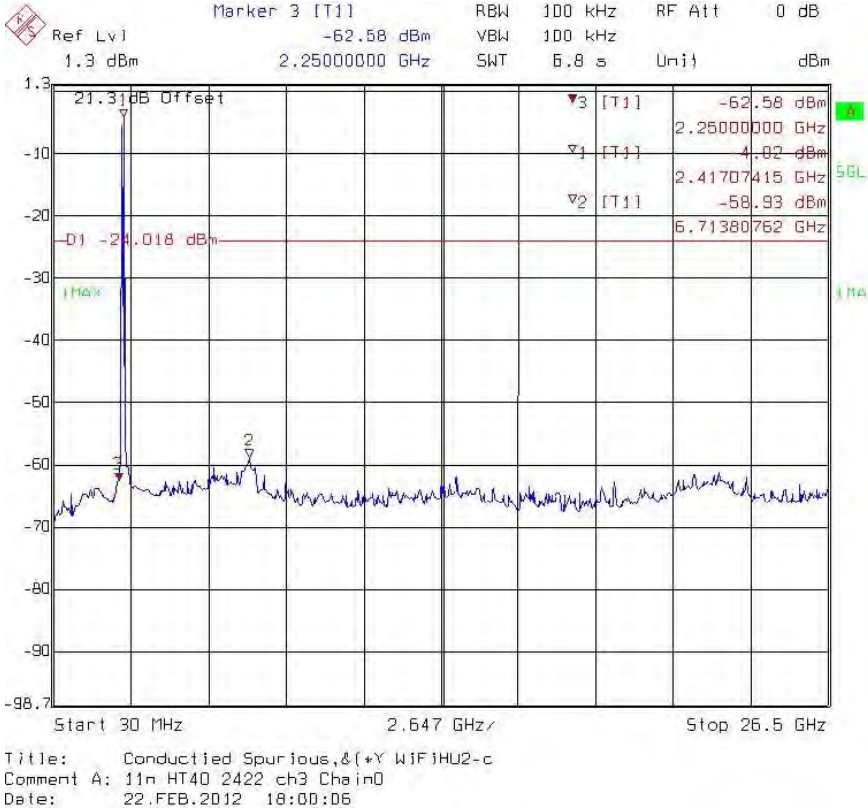
**Chain 1: conducted spurious @ 802.11n HT20 mode channel 6**



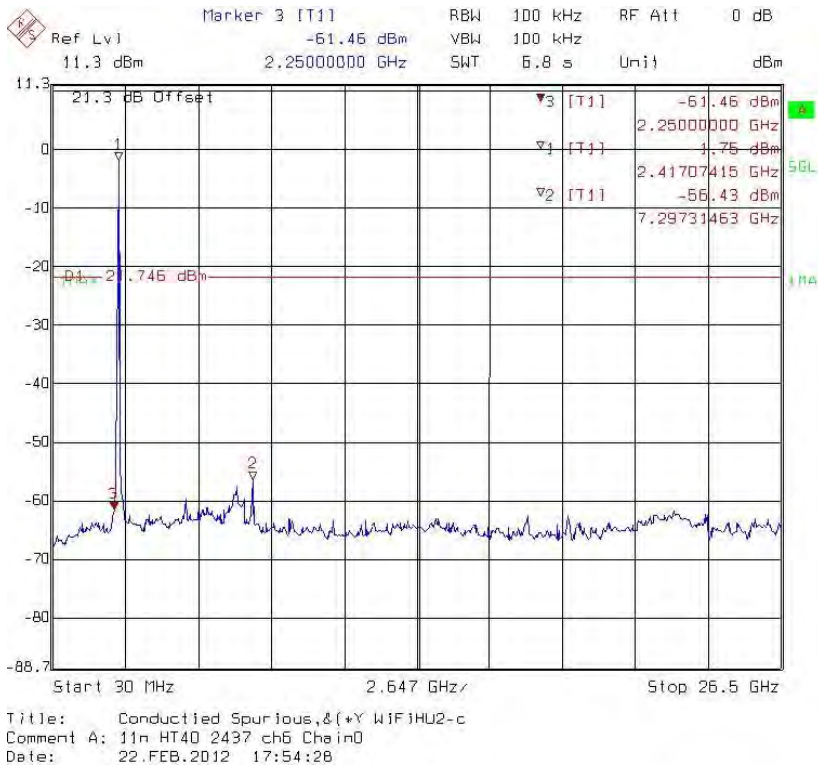
**Chain 1: conducted spurious @ 802.11n HT20 mode channel 11**



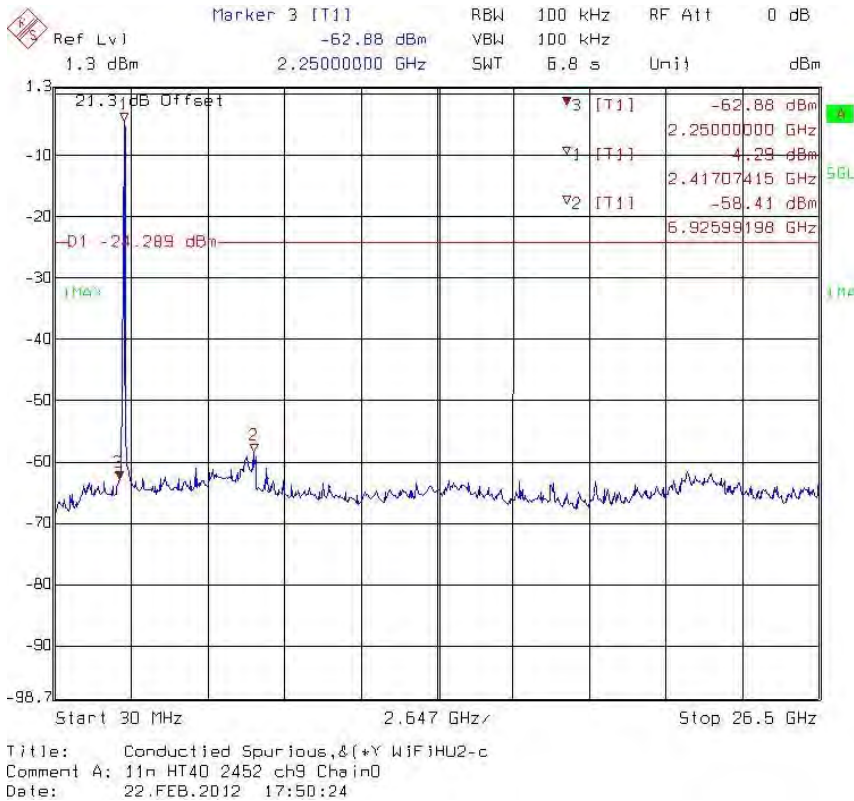
**Chain 0: conducted spurious @ 802.11n HT40 mode channel 3**



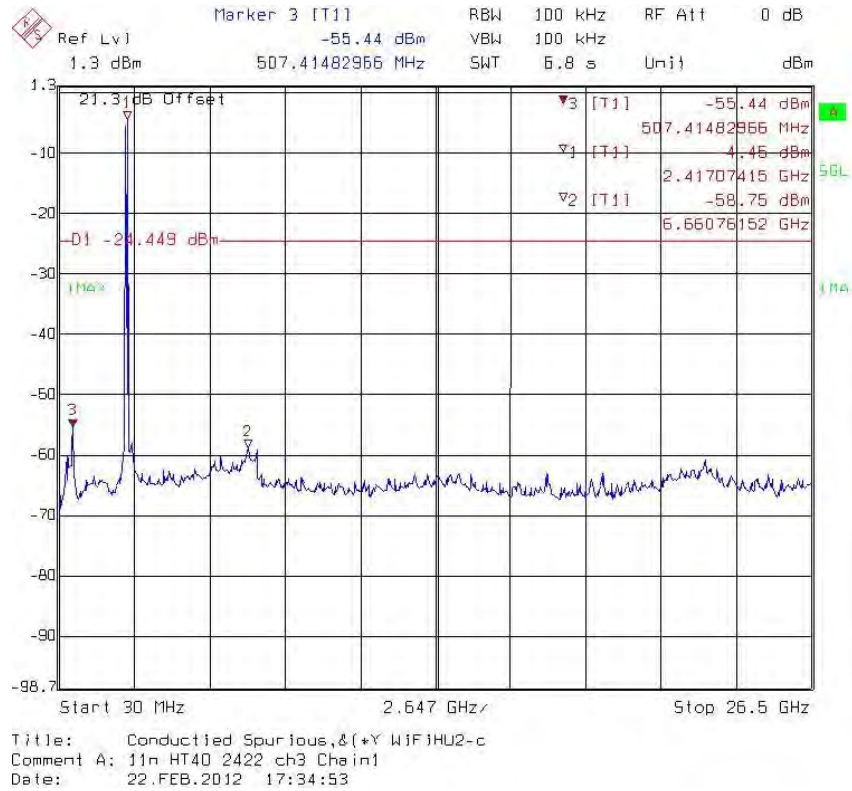
**Chain 0: conducted spurious @ 802.11n HT40 mode channel 6**



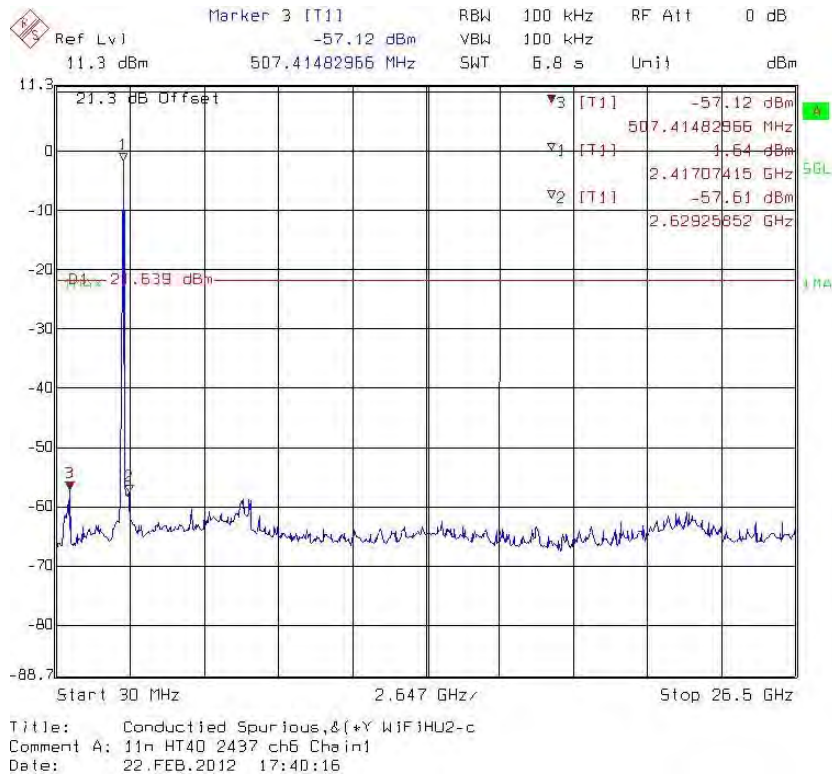
**Chain 0: conducted spurious @ 802.11n HT40 mode channel 9**



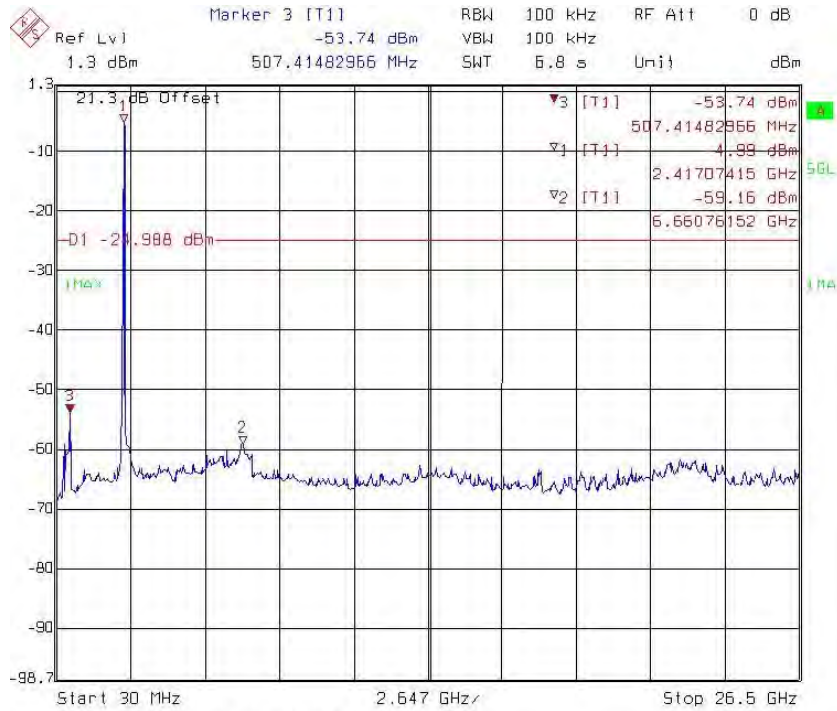
**Chain 1: conducted spurious @ 802.11n HT40 mode channel 3**



**Chain 1: conducted spurious @ 802.11n HT40 mode channel 6**



**Chain 1: conducted spurious @ 802.11n HT40 mode channel 9**



Title: Conducted Spurious, & (+Y) WIFIHU2-c  
 Comment A: 11n HT40 2452 ch9 Chain1  
 Date: 22.FEB.2012 17:44:23

## 8. Radiated Spurious Emission

<b>Name of Test</b>	Radiated Spurious Emission
<b>Base Standard</b>	FCC 15.247(d), 15.209, 15.205

**Test Result:** Complies  
**Measurement Data:** See Tables below

### Method of Measurement:

#### Reference FCC document: KDB558074, ANSI C63.4

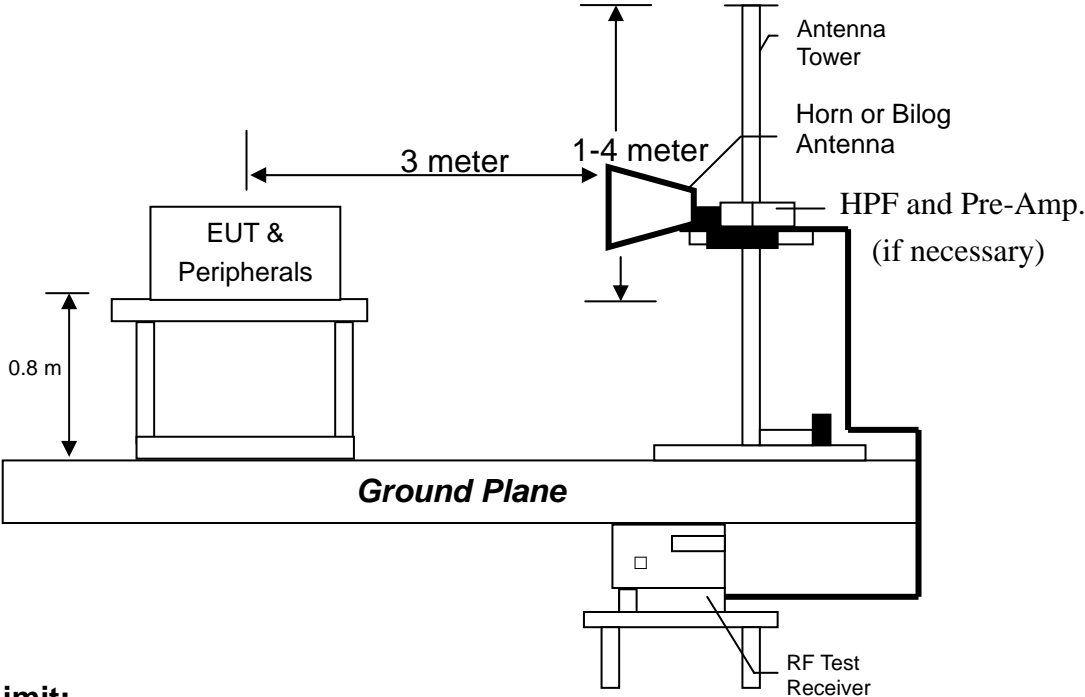
The frequency ranges from 30 MHz to 1000 MHz using Bilog Antenna.  
The frequency range over 1 GHz using Horn Antenna.

Radiated emissions were investigated cover the frequency range from 30 MHz to 1000 MHz using a receiver RBW of 120 kHz record QP reading, and the frequency over 1 GHz using a spectrum analyzer RBW of 1 MHz and 10 Hz VBW record Average reading. (15.209 paragraph), the Peak reading (1 MHz RBW/VBW) recorded also on the report. The EUT for testing is arranged on a wooden turntable. If some peripherals apply to the EUT, the peripherals will be connected to EUT and the whole system. During the test, all cables were arranged to produce worst-case emissions. The signal is maximized through rotation. The height of antenna and polarization is changing constantly for exploring for maximum signal level. The height of antenna can be up to 4 meters and down to 1 meter. The measurement for radiated emission will be done at the distance of three meters unless the signal level is too low to measure at that distance. In the case of the reading under noise floor, a pre-amplifier is used and/or the test is conducted at a closer distance. And then all readings are extrapolated back to the equivalent 3 meters reading using inverse scaling with distance.

The EUT configuration please refers to the "Spurious set-up photo.pdf".



**Test Diagram:**



**Emission Limit:**

The spurious Emission shall test through the 10th harmonic. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a).

Frequency (MHz)	Limits (dBµV/m@ 3 meter)
30-88	40
88-216	43.5
216-960	46
Above 960	54

**Remark:**

1. In the above table, the tighter limit applies at the band edges.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system

- Note:**
- (1) The EUT was tested while in a continuous transmit mode and the worst case data rates are Mbps data rate for 802.11b mode, 6 Mbps data rate for 802.11g mode, 6.5 Mbps data rate for 802.11n HT20 mode and 13 Mbps data rate for 802.11n HT40 mode. The EUT was tuned to a low, middle and high channel.
  - (2) The EUT operating at 2.4 GHz ISM band. Frequency Range scanned from 30 MHz to 25 GHz.

**Measurement results: frequencies equal to or less than 1 GHz**

The test was performed on EUT under 802.11b, 802.11g, 802.11n HT20 and 802.11n HT40 modes. The worst case occurred at 802.11b Tx channel 1.

EUT : WiFiHU2-a-1-NE  
Worst Case : 802.11b Tx at channel 1

Antenna Polariz. (V/H)	Freq. (MHz)	Receiver Detector	Corr. Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
V	143.49	QP	14.27	14.03	28.30	43.50	-15.20
V	183.26	QP	13.10	16.42	29.51	43.50	-13.99
V	299.66	QP	13.95	19.70	33.65	46.00	-12.35
V	364.65	QP	15.06	18.60	33.66	46.00	-12.34
V	399.57	QP	16.40	21.83	38.23	46.00	-7.77
V	720.64	QP	22.29	12.52	34.80	46.00	-11.20
H	299.66	QP	14.17	12.04	26.20	46.00	-19.80
H	364.65	QP	15.48	13.41	28.88	46.00	-17.12
H	399.57	QP	16.74	17.20	33.94	46.00	-12.06
H	424.79	QP	16.81	14.69	31.50	46.00	-14.50
H	497.54	QP	18.64	13.82	32.46	46.00	-13.54
H	726.46	QP	22.95	10.53	33.48	46.00	-12.52

**Remark:**

1. Corr. Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Corr. Factor

EUT : WiFiHU2-c-1-NE  
Worst Case : 802.11b Tx at channel 1

Antenna Polariz. (V/H)	Freq. (MHz)	Receiver Detector	Corr. Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
V	154.16	QP	15.83	16.53	32.36	43.50	-11.14
V	296.00	QP	13.95	26.41	40.36	46.00	-5.64
V	411.21	QP	16.47	17.23	33.70	46.00	-12.30
V	632.37	QP	21.53	10.02	31.55	46.00	-14.45
V	724.52	QP	22.29	10.42	32.70	46.00	-13.30
V	885.54	QP	24.35	10.36	34.70	46.00	-11.30
H	113.42	QP	10.54	24.02	34.55	43.50	-8.95
H	252.13	QP	12.64	22.06	34.70	46.00	-11.30
H	399.57	QP	16.74	19.38	36.12	46.00	-9.88
H	763.32	QP	23.02	13.43	36.45	46.00	-9.55
H	799.21	QP	23.52	11.16	34.68	46.00	-11.32
H	876.81	QP	24.62	11.37	35.98	46.00	-10.02

Remark:

1. Corr. Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Corr. Factor

**Measurement results: frequency above 1GHz**

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11b Tx at channel 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4824	PK	V	35.1	38.54	36.63	40.07	74	-33.93
7236	PK	V	33	44.6	46.26	57.86	74	-16.14
7236	AV	V	33	44.6	42.11	53.71	54	-0.29
4824	PK	H	35.1	38.54	43.9	47.34	74	-26.66
7236	PK	H	33	44.6	44.03	55.63	74	-18.37
7236	AV	H	33	44.6	39.23	50.83	54	-3.17

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE-1-NE  
Test Condition : 802.11b Tx at channel 6

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	40.94	44.38	74	-29.62
7311	PK	V	33	44.6	44.76	56.36	74	-17.64
7311	AV	V	33	44.6	41.35	52.95	54	-1.05
4874	PK	H	35.1	38.54	47.62	51.06	74	-22.94
7311	PK	H	33	44.6	39.72	51.32	74	-22.68

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11b Tx at channel 11

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4924	PK	V	35.1	38.54	54.05	57.49	74	-16.51
4924	AV	V	35.1	38.54	50.21	53.65	54	-0.35
7386	PK	V	33	44.6	44.74	56.34	74	-17.66
7386	AV	V	33	44.6	41.98	53.58	54	-0.42
4924	PK	H	35.1	38.54	54.71	58.15	74	-15.85
4924	AV	H	35.1	38.54	49.32	52.76	54	-1.24
7386	PK	H	33	44.6	39.02	50.62	74	-23.38

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1GHz to 25GHz.The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11g Tx at channel 1 DAC 0

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4824	PK	V	35.1	38.54	51.9	55.34	74	-18.66
4824	AV	V	35.1	38.54	38.55	41.99	54	-12.01
7236	PK	V	33	44.6	49.97	61.57	74	-12.43
7236	AV	V	33	44.6	37.49	49.09	54	-4.91
4824	PK	H	35.1	38.54	47.12	50.56	74	-23.44
7236	PK	H	33	44.6	52.45	64.05	74	-9.95
7236	AV	H	33	44.6	41.42	53.02	54	-0.98

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz.The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11g Tx at channel 6 DAC 0

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	58.31	61.75	74	-12.25
4874	AV	V	35.1	38.54	45	48.44	54	-5.56
7311	PK	V	33	44.6	45.97	57.57	74	-16.43
7311	AV	V	33	44.6	35.55	47.15	54	-6.85
9748	PK	V	32.7	49.3	35.97	52.57	74	-21.43
4874	PK	H	35.1	38.54	50.59	54.03	74	-19.97
4874	AV	H	35.1	38.54	37.86	41.3	54	-12.70
7311	PK	H	33	44.6	50.38	61.98	74	-12.02
7311	AV	H	33	44.6	41.23	52.83	54	-1.17

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE-1-NE  
Test Condition : 802.11g Tx at channel 11 DAC 0

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4924	PK	V	35.1	38.54	54.71	58.15	74	-15.85
4924	AV	V	35.1	38.54	43.37	46.81	54	-7.19
7386	PK	V	33.0	44.6	42.45	54.05	74	-19.95
7386	AV	V	33.0	44.6	28.87	40.47	54	-13.53
4924	PK	H	35.1	38.54	51.18	54.62	74	-19.38
4924	AV	H	35.1	38.54	37.05	40.49	54	-13.51
7386	PK	H	33.0	44.6	47.01	58.61	74	-15.39
7386	AV	H	33.0	44.6	33.59	45.19	54	-8.81

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
 Test Condition : 802.11g Tx at channel 1 DAC 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4824	PK	V	35.1	38.54	60.71	64.15	74	-9.85
4824	AV	V	35.1	38.54	49.67	53.11	54	-0.89
7236	PK	V	33.0	44.60	41.45	53.05	74	-20.95
12060	PK	V	31.6	50.87	36.09	55.36	74	-18.64
12060	AV	V	31.6	50.87	20.89	40.16	54	-13.84
4824	PK	H	35.1	38.54	54.27	57.71	74	-16.29
4824	AV	H	35.1	38.54	44.52	47.96	54	-6.04
7236	PK	H	33.0	44.60	40.53	52.13	74	-21.87

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.



EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11g Tx at channel 6 DAC 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	61.6	65.04	74	-8.96
4874	AV	V	35.1	38.54	48.63	52.07	54	-1.93
7311	PK	V	33.0	44.60	41.62	53.22	74	-20.78
12185	PK	V	31.6	50.87	34.62	53.89	74	-20.11
4874	PK	H	35.1	38.54	54.39	57.83	74	-16.17
4874	AV	H	35.1	38.54	42.57	46.01	54	-7.99
7311	PK	H	33.0	44.60	40.66	52.26	74	-21.74
12185	PK	H	31.6	50.87	32.45	51.72	74	-22.28

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE-1-NE  
Test Condition : 802.11g Tx at channel 11 DAC 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4924	PK	V	35.1	38.54	51.72	55.16	74	-18.84
4924	AV	V	35.1	38.54	37.85	41.29	54	-12.71
7386	PK	V	33.0	44.60	37.81	49.41	74	-24.59
4924	PK	H	35.1	38.54	47.25	50.69	74	-23.31
7386	PK	H	33.0	44.60	36.88	48.48	74	-25.52

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
 Test Condition : 802.11n HT20 Tx at channel 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4824	PK	V	35.1	38.54	57.89	61.33	74	-12.67
4824	AV	V	35.1	38.54	57.89	53.32	54	-0.68
7236	PK	V	33.0	44.60	41.72	58.59	74	-15.41
7236	AV	V	33.0	44.60	46.99	46.35	54	-7.65
4824	PK	H	35.1	38.54	42.91	57.34	74	-16.66
4824	AV	H	35.1	38.54	53.90	45.84	54	-8.16
7236	PK	H	33.0	44.60	34.24	56.54	74	-17.46
7236	AV	H	33.0	44.60	44.94	47.52	54	-6.48

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11n HT20 Tx at channel 6

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	44.08	64.05	74	-9.95
4874	PK	V	35.1	38.54	48.82	52.26	54	-1.74
7311	PK	V	33.0	44.60	43.43	55.03	74	-18.97
7311	AV	V	33.0	44.60	31.89	43.49	54	-10.51
4874	PK	H	35.1	38.54	52.40	55.84	74	-18.16
4874	AV	H	35.1	38.54	42.54	45.98	54	-8.02
7311	PK	H	33.0	44.60	45.38	56.98	74	-17.02
7311	AV	H	33.0	44.60	36.36	47.96	54	-6.04

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11n HT20 Tx at channel 11

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBUV)	Corrected Level (dBUV/m)	Limit @ 3 m (dBUV/m)	Margin (dB)
4924	PK	V	35.1	38.54	56.91	60.35	74	-13.65
4924	AV	V	35.1	38.54	46.67	50.11	54	-3.89
7386	PK	V	33.0	44.60	40.28	51.88	74	-22.12
4924	PK	H	35.1	38.54	50.21	53.65	74	-20.35
4924	AV	H	35.1	38.54	38.91	42.35	54	-11.65
7386	PK	H	33.0	44.60	44.59	56.19	74	-17.81
7386	AV	H	33.0	44.60	33.68	45.28	54	-8.72

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11n HT40 Tx at channel 3

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBUV)	Corrected Level (dBUV/m)	Limit @ 3 m (dBUV/m)	Margin (dB)
4844	PK	V	35.1	38.54	53.32	56.76	74	-17.24
4844	AV	V	35.1	38.54	43.07	46.51	54	-7.49
7266	PK	V	33.0	44.60	40.98	52.58	74	-21.42
7266	AV	V	33.0	44.60	32.01	43.61	54	-10.39
4844	PK	H	35.1	38.54	45.74	49.18	74	-24.82
7266	PK	H	33.0	44.60	40.88	52.48	74	-21.52
7266	AV	H	33.0	44.60	34.74	46.34	54	-7.66

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11n HT40 Tx at channel 6

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBUV)	Corrected Level (dBUV/m)	Limit @ 3 m (dBUV/m)	Margin (dB)
4874	PK	V	35.1	38.54	52.71	56.15	74	-17.85
4874	AV	V	35.1	38.54	43.56	47.00	54	-7.00
7311	PK	V	33.0	44.60	39.25	50.85	74	-23.15
4874	PK	H	35.1	38.54	46.10	49.54	74	-24.46
7311	PK	H	33.0	44.60	42.38	53.98	74	-20.02
7311	AV	H	33.0	44.60	34.87	46.47	54	-7.53

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-a-1-NE  
Test Condition : 802.11n HT40 Tx at channel 9

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4904	PK	V	35.1	38.54	49.59	53.03	74	-20.97
4904	AV	V	35.1	38.54	40.14	43.58	54	-10.42
7356	PK	V	33.0	44.60	38.07	49.67	74	-24.33
4904	PK	H	35.1	38.54	45.46	48.90	74	-25.10
7356	PK	H	33.0	44.60	41.13	52.73	74	-21.27
7356	AV	H	33.0	44.60	28.34	39.94	54	-14.06

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11b Tx at channel 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4824	PK	V	35.1	38.54	46.35	49.79	74	-24.21
7236	PK	V	33.0	44.60	42.41	54.01	74	-19.99
7236	AV	V	33.0	44.60	41.82	53.42	54	-0.58
4824	PK	H	35.1	38.54	42.38	45.82	74	-28.18
7236	PK	H	33.0	44.60	45.16	56.76	74	-17.24
7236	AV	H	33.0	44.60	37.71	49.31	54	-4.69

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11b Tx at channel 6

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	44.87	48.31	74	-25.69
7311	PK	V	33.0	44.60	44.50	56.10	74	-17.90
7311	AV	V	33.0	44.60	41.89	53.49	54	-0.51
4874	PK	H	35.1	38.54	42.38	45.82	74	-28.18
7311	PK	H	33.0	44.60	45.02	56.62	74	-17.38
7311	AV	H	33.0	44.60	41.69	53.29	54	-0.71

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.



EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11b Tx at channel 11

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBUV)	Corrected Level (dBUV/m)	Limit @ 3 m (dBUV/m)	Margin (dB)
4924	PK	V	35.1	38.54	45.26	48.70	74	-25.30
7386	PK	V	33.0	44.60	45.09	56.69	74	-17.31
7386	AV	V	33.0	44.60	40.86	52.46	54	-1.54
4924	PK	H	35.1	38.54	40.95	44.39	74	-29.61
7386	PK	H	33.0	44.60	44.07	55.67	74	-18.33
7386	AV	H	33.0	44.60	40.82	52.42	54	-1.58

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1GHz to 25GHz.The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11g Tx at channel 1 DAC 0

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBUV)	Corrected Level (dBUV/m)	Limit @ 3 m (dBUV/m)	Margin (dB)
4824	PK	V	35.1	38.54	43.99	47.43	74	-26.57
7236	PK	V	33.0	44.60	52.61	64.21	74	-9.79
7236	AV	V	33.0	44.60	41.23	52.83	54	-1.17
4824	PK	H	35.1	38.54	39.60	43.04	74	-30.96
7236	PK	H	33.0	44.60	53.40	65.00	74	-9.00
7236	AV	H	33.0	44.60	40.66	52.26	54	-1.74

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz.The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11g Tx at channel 6 DAC 0

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	42.42	45.86	74	-28.14
7311	PK	V	33.0	44.60	54.15	65.75	74	-8.25
7311	AV	V	33.0	44.60	41.50	53.10	54	-0.90
4874	PK	H	35.1	38.54	39.55	42.99	74	-31.01
7311	PK	H	33.0	44.60	51.65	63.25	74	-10.75
7311	AV	H	33.0	44.60	40.80	52.40	54	-1.60

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11g Tx at channel 11 DAC 0

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4924	PK	V	35.1	38.54	42.06	45.50	74	-28.50
7386	PK	V	33.0	44.60	52.08	63.68	74	-10.32
7386	AV	V	33.0	44.60	41.60	53.20	54	-0.80
4924	PK	H	35.1	38.54	38.56	42.00	74	-32.00
7386	PK	H	33.0	44.60	51.38	62.98	74	-11.02
7386	AV	H	33.0	44.60	41.35	52.95	54	-1.05

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11g Tx at channel 1 DAC 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4824	PK	V	35.1	38.54	46.80	50.24	74	-23.76
7236	PK	V	33.0	44.60	38.75	50.35	74	-23.65
4824	PK	H	35.1	38.54	39.97	43.41	74	-30.59
7236	PK	H	33.0	44.60	42.51	54.11	74	-19.89
7236	AV	H	33.0	44.60	41.17	52.77	54	-1.23

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11g Tx at channel 6 DAC 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	43.65	47.09	74	-26.91
7311	PK	V	33.0	44.60	40.44	52.04	74	-21.96
4874	PK	H	35.1	38.54	38.30	41.74	74	-32.26
7311	PK	H	33.0	44.60	44.30	55.90	74	-18.10
7311	AV	H	33.0	44.60	31.42	43.02	54	-10.98

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11g Tx at channel 11 DAC 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4924	PK	V	35.1	38.54	40.75	44.19	74	-29.81
7386	PK	V	33.0	44.60	39.67	51.27	74	-22.73
4924	PK	H	35.1	38.54	37.08	40.52	74	-33.48
7386	PK	H	33.0	44.60	39.59	51.19	74	-22.81

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11n HT20 Tx at channel 1

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4824	PK	V	35.1	38.54	47.13	50.57	74	-23.43
7236	PK	V	33.0	44.60	50.37	61.97	74	-12.03
7236	AV	V	33.0	44.60	41.83	53.43	54	-0.57
4824	PK	H	35.1	38.54	39.12	42.56	74	-31.44
7236	PK	H	33.0	44.60	48.70	60.30	74	-13.70
7236	AV	H	33.0	44.60	39.18	50.78	54	-3.22

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11n HT20 Tx at channel 6

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	45.28	48.72	74	-25.28
7311	PK	V	33.0	44.60	52.51	64.11	74	-9.89
7311	AV	V	33.0	44.60	41.61	53.21	54	-0.79
4874	PK	H	35.1	38.54	39.85	43.29	74	-30.71
7311	PK	H	33.0	44.60	52.82	64.42	74	-9.58
7311	AV	H	33.0	44.60	39.66	51.26	54	-2.74

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
Test Condition : 802.11n HT20 Tx at channel 11

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4924	PK	V	35.1	38.54	43.09	46.53	74	-27.47
7386	PK	V	33.0	44.60	49.98	61.58	74	-12.42
7386	AV	V	33.0	44.60	38.54	50.14	54	-3.86
4924	PK	H	35.1	38.54	37.98	41.42	74	-32.58
7386	PK	H	33.0	44.60	51.58	63.18	74	-10.82
7386	AV	H	33.0	44.60	39.42	51.02	54	-2.98

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
 Test Condition : 802.11n HT40 Tx at channel 3

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4844	PK	V	35.1	38.54	42.38	45.82	74	-28.18
7266	PK	V	33.0	44.60	43.53	55.13	74	-18.87
7266	AV	V	33.0	44.60	35.46	47.06	54	-6.94
4844	PK	H	35.1	38.54	37.29	40.73	74	-33.27
7266	PK	H	33.0	44.60	44.05	55.65	74	-18.35
7266	AV	H	33.0	44.60	32.57	44.17	54	-9.83

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
 Test Condition : 802.11n HT40 Tx at channel 6

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4874	PK	V	35.1	38.54	41.97	45.41	74	-28.59
7311	PK	V	33.0	44.60	47.98	59.58	74	-14.42
7311	AV	V	33.0	44.60	39.02	50.62	54	-3.38
4874	PK	H	35.1	38.54	37.65	41.09	74	-32.91
7311	PK	H	33.0	44.60	47.10	58.70	74	-15.30
7311	AV	H	33.0	44.60	36.36	47.96	54	-6.04

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

EUT : WiFiHU2-c-1-NE  
 Test Condition : 802.11n HT40 Tx at channel 9

Frequency (MHz)	Spectrum Analyzer Detector	Antenna Polariz. (H/V)	Preamp. Gain (dB)	Correction Factor (dB/m)	Reading (dBuV)	Corrected Level (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
4904	PK	V	35.1	38.54	39.56	43.00	74	-31.00
7356	PK	V	33.0	44.60	42.47	54.07	74	-19.93
7356	AV	V	33.0	44.60	33.70	45.30	54	-8.70
4904	PK	H	35.1	38.54	37.53	40.97	74	-33.03
7356	PK	H	33.0	44.60	43.98	55.58	74	-18.42
7356	AV	H	33.0	44.60	33.30	44.90	54	-9.10

Remark:

1. Correction Factor = Antenna Factor + Cable Loss
2. Corrected Level = Reading + Correction Factor – Preamp. Gain
3. The frequency measured ranges from 1 GHz to 25 GHz. The data value listed above which is higher than the system noise floor.

## 9. Emission on Band Edge

<b>Name of Test</b>	Emission Band Edge
<b>Base Standard</b>	FCC 15.247(d)

**Test Result:** Complies  
**Measurement Data:** See Tables & plots below

**Method of Measurement:**

**Reference FCC document: KDB558074, ANSI C63.4**

The frequency range from 30 MHz to 1000 MHz using Bilog Antenna.  
The frequency range over 1 GHz using Horn Antenna.

Radiated emissions were investigated cover the frequency range from 30 MHz to 1000 MHz using a receiver RBW of 120 kHz record QP reading, and the frequency over 1 GHz using a spectrum analyzer RBW of 1 MHz and 10 Hz VBW record Average reading. (15.209 paragraph), the Peak reading (1 MHz RBW/VBW) recorded also on the report.



**EUT : WiFiHU2-a-1-NE**  
**Test Mode : 802.11b Mode DAC 0**

Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	61.06	74	-12.94
		AV	52.52	54	-1.48
11 (highest)	2450-2500	PK	62.31	74	-11.69
		AV	53.71	54	-0.29

**EUT : WiFiHU2-a-1-NE**  
**Test Mode : 802.11g Mode DAC 0**

Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	68.92	74	-5.08
		AV	52.86	54	-1.14
11 (highest)	2450-2500	PK	69.97	74	-4.03
		AV	52.60	54	-1.40

**EUT : WiFiHU2-a-1-NE**  
**Test Mode : 802.11g Mode DAC 1**

Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	72.00	74	-5.08
		AV	53.35	54	-1.14
11 (highest)	2450-2500	PK	69.00	74	-4.03
		AV	52.53	54	-1.40

**EUT : WiFiHU2-a-1-NE**  
**Test Mode : 802.11n HT20 Mode DAC 0+1**

Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	67.69	74	-6.31
		AV	51.46	54	-2.54
11 (highest)	2450-2500	PK	70.95	74	-3.05
		AV	53.54	54	-0.46

**EUT : WiFiHU2-a-1-NE**  
**Test Mode : 802.11n HT40 Mode DAC 0+1**

Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	61.84	74	-12.16
		AV	51.36	54	-2.64
11 (highest)	2450-2500	PK	69.56	74	-4.44
		AV	53.00	54	-1.00

**EUT : WiFiHU2-c-1-NE**  
**Test Mode : 802.11b Mode DAC 0**

Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	61.33	74	-12.67
		AV	53.21	54	-0.79
11 (highest)	2450-2500	PK	62.12	74	-11.88
		AV	52.67	54	-1.33

**EUT : WiFiHU2-c-1-NE**  
**Test Mode : 802.11g Mode DAC 0**

Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	70.66	74	-3.34
		AV	53.51	54	-0.49
11 (highest)	2450-2500	PK	69.75	74	-4.25
		AV	52.90	54	-1.10

**EUT : WiFiHU2-c-1-NE**  
**Test Mode : 802.11g Mode DAC 1**

Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	69.63	74	-4.37
		AV	52.31	54	-1.69
11 (highest)	2450-2500	PK	73.09	74	-0.91
		AV	51.89	54	-2.11

**EUT : WiFiHU2-c-1-NE**  
**Test Mode : 802.11n HT20 Mode DAC 0+1**

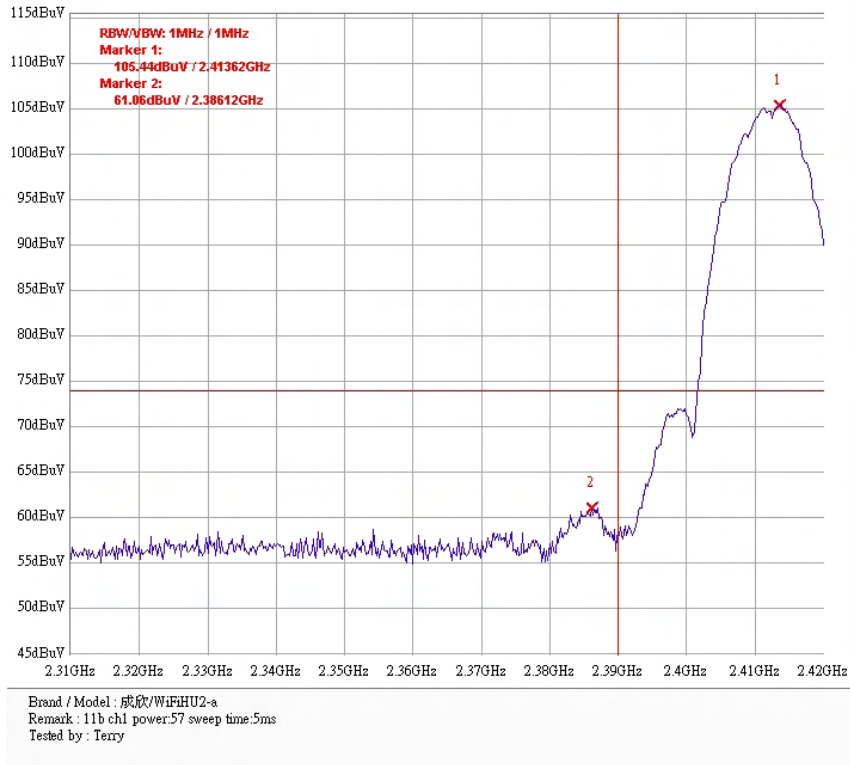
Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	66.38	74	-7.62
		AV	53.04	54	-0.96
11 (highest)	2450-2500	PK	65.86	74	-8.14
		AV	52.90	54	-1.10

**EUT : WiFiHU2-c-1-NE**  
**Test Mode : 802.11n HT40 Mode DAC 0+1**

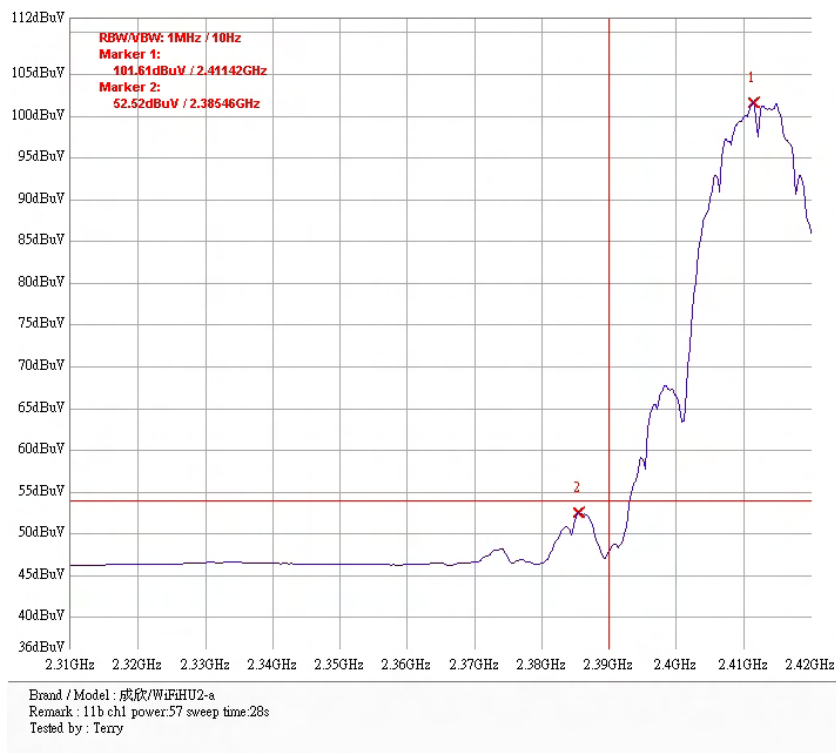
Channel	Measurement Freq.Band (MHz)	Detector	The Max. Field Strength in Restrict Band (dBuV/m)	Limit @ 3 m (dBuV/m)	Margin (dB)
1 (lowest)	2310-2435	PK	67.66	74	-6.34
		AV	53.01	54	-0.99
11 (highest)	2450-2500	PK	66.35	74	-7.65
		AV	53.34	54	-0.66

## For WiFiHU2-a-1-NE

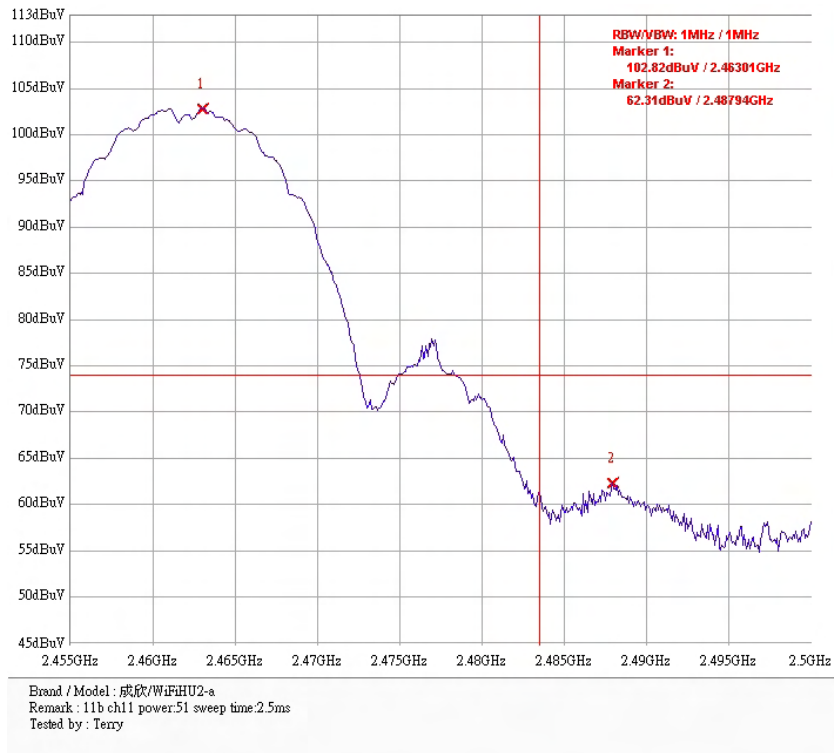
### Chain 0: Band edge @ 802.11b mode channel 1 (PK)



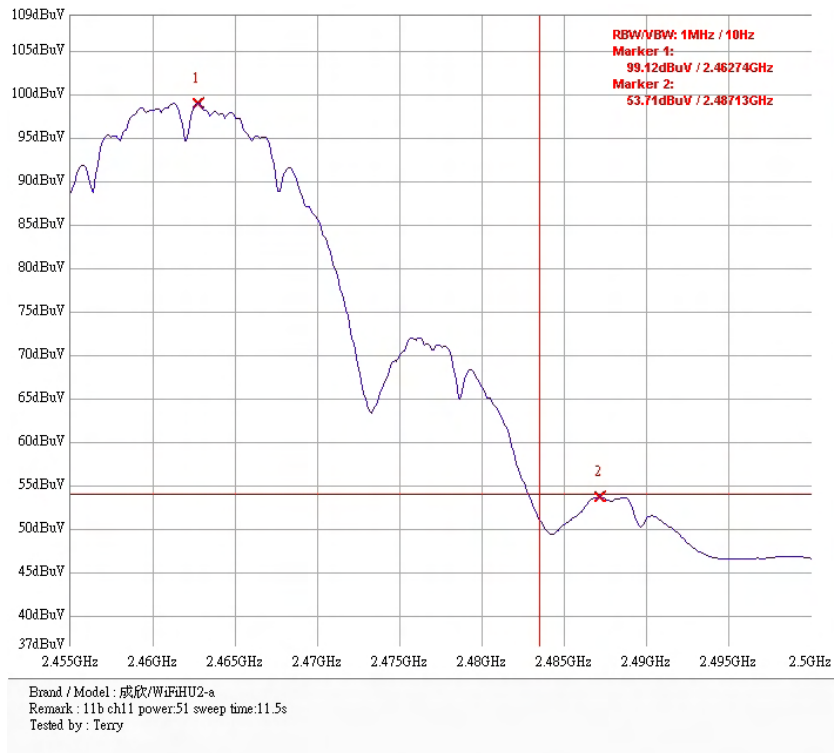
### Chain 0: Band edge @ 802.11b mode channel 1 (AV)



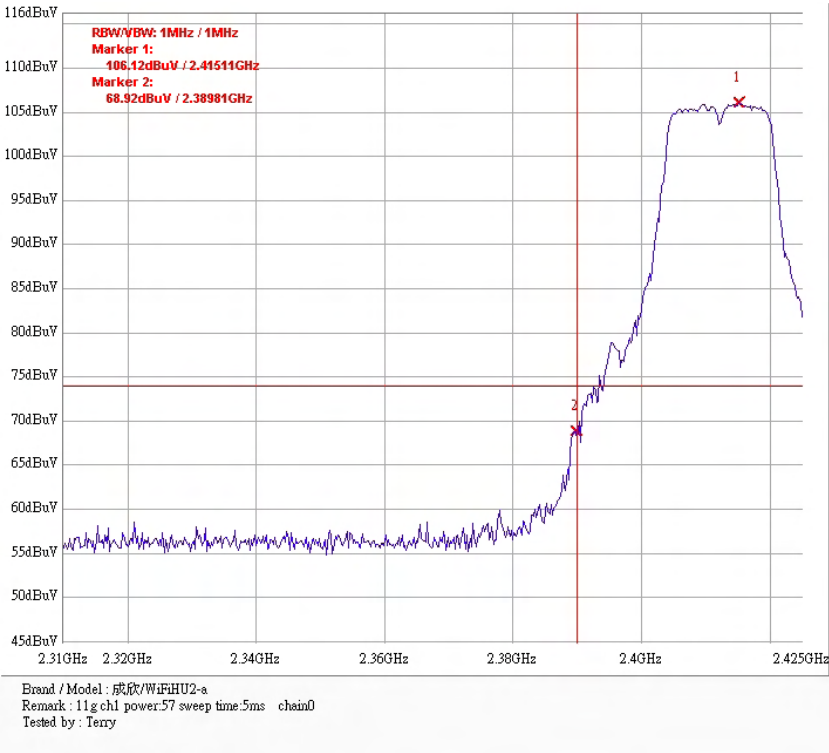
Chain 0: Band edge @ 802.11b mode channel 11 (PK)



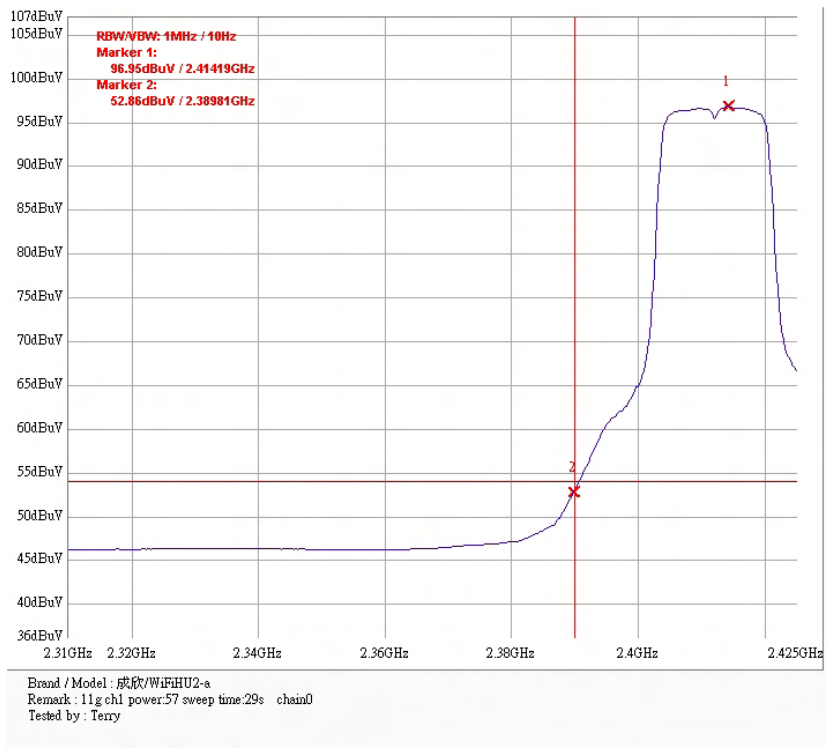
Chain 0: Band edge @ 802.11b mode channel 11 (AV)



Chain 0: Band edge @ 802.11g mode channel 1 (PK)

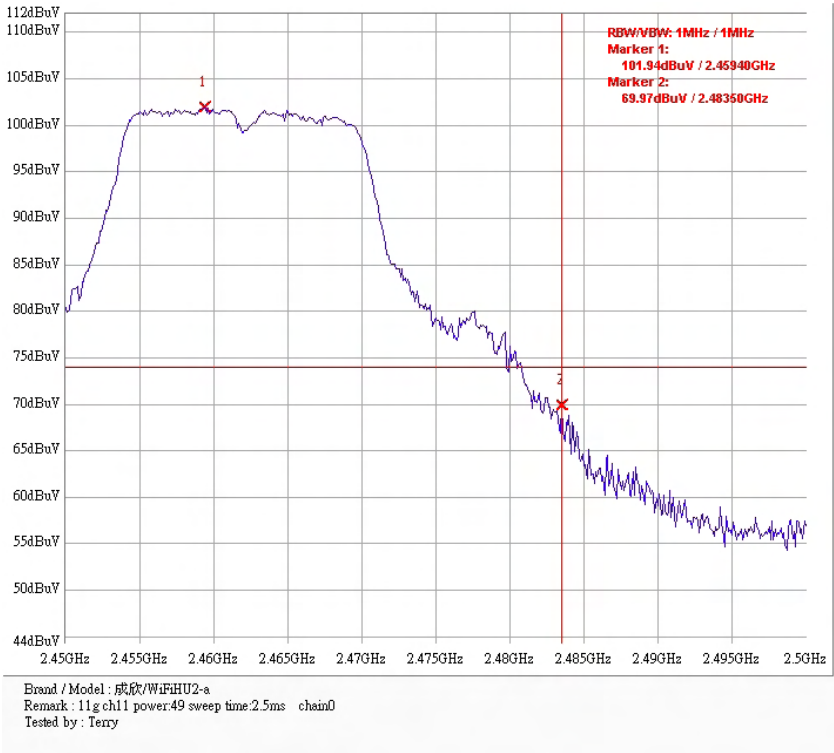


Chain 0: Band edge @ 802.11g mode channel 1 (AV)

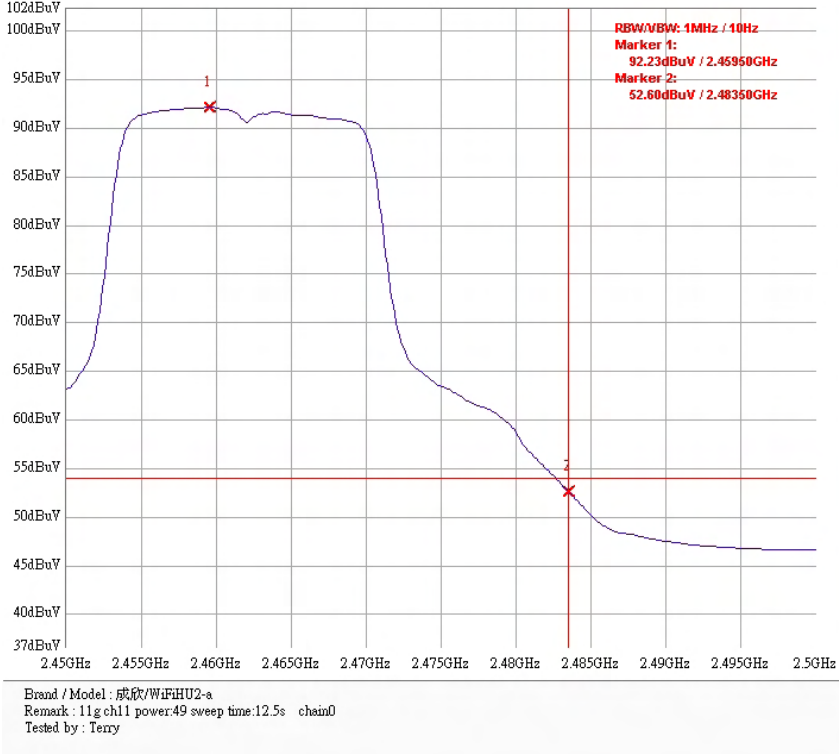




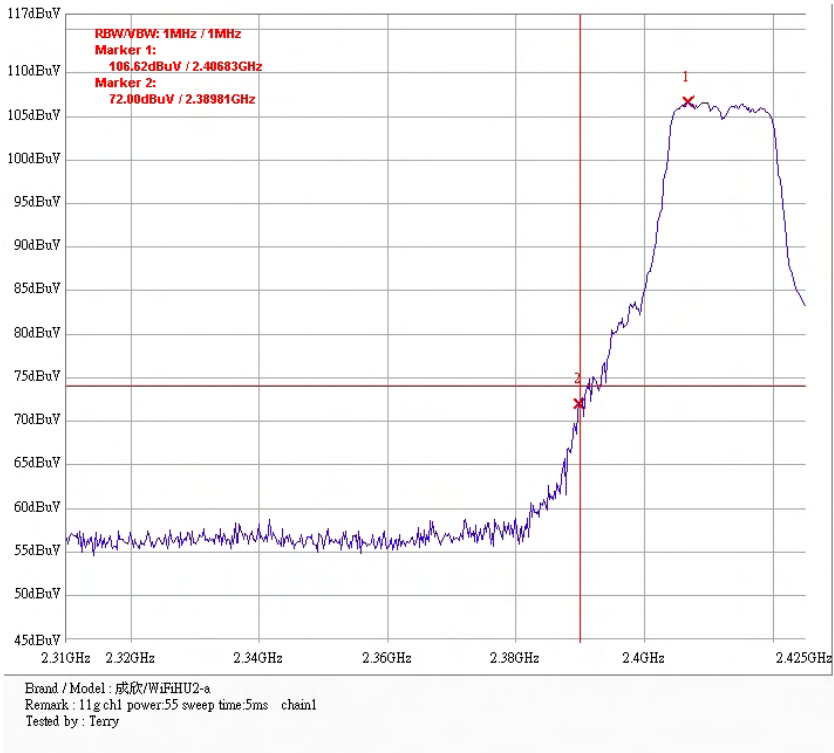
Chain 0: Band edge @ 802.11g mode channel 11 (PK)



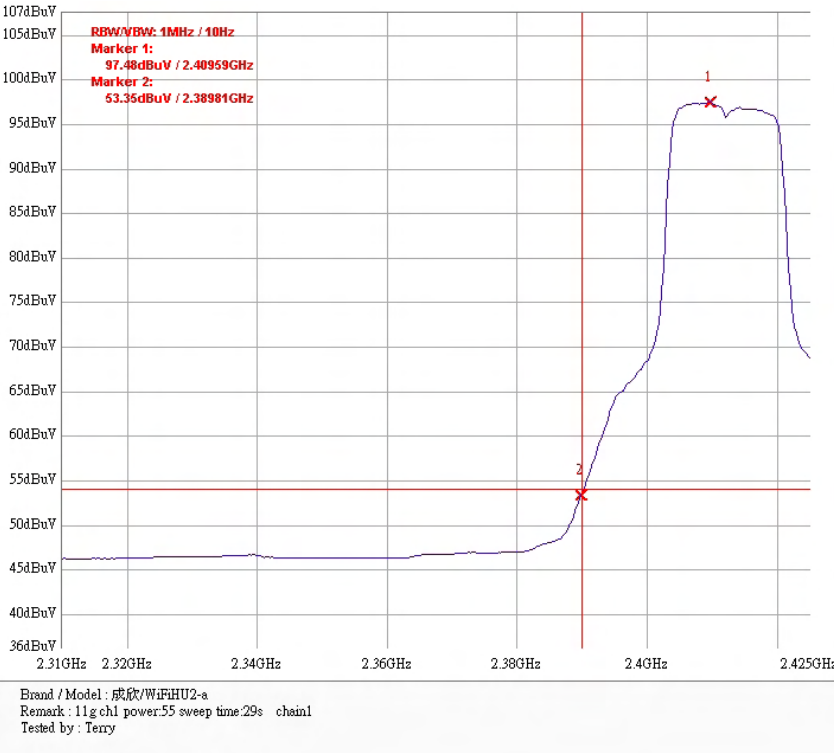
Chain 0: Band edge @ 802.11g mode channel 11 (AV)



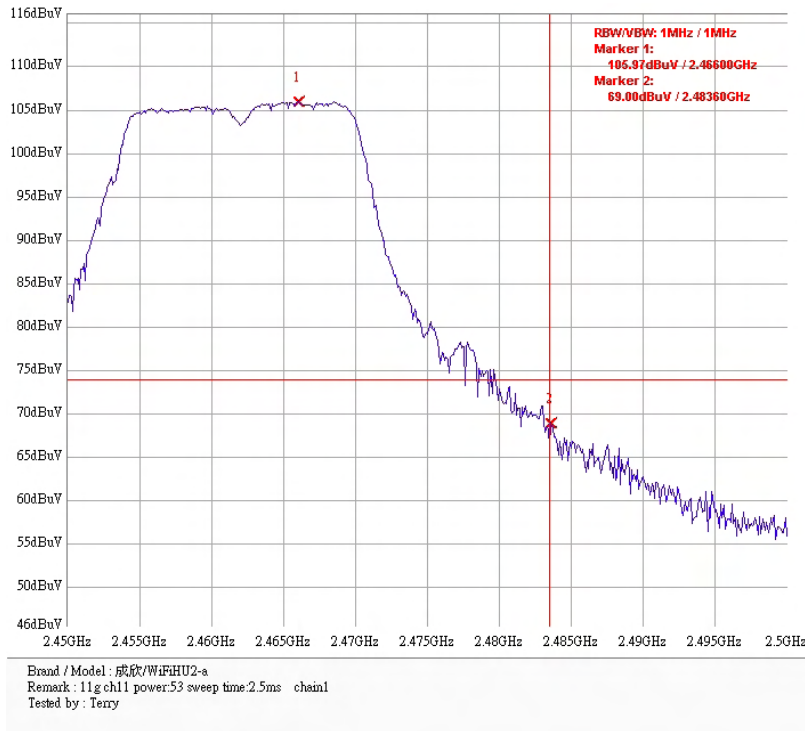
Chain 1: Band edge @ 802.11g mode channel 1 (PK)



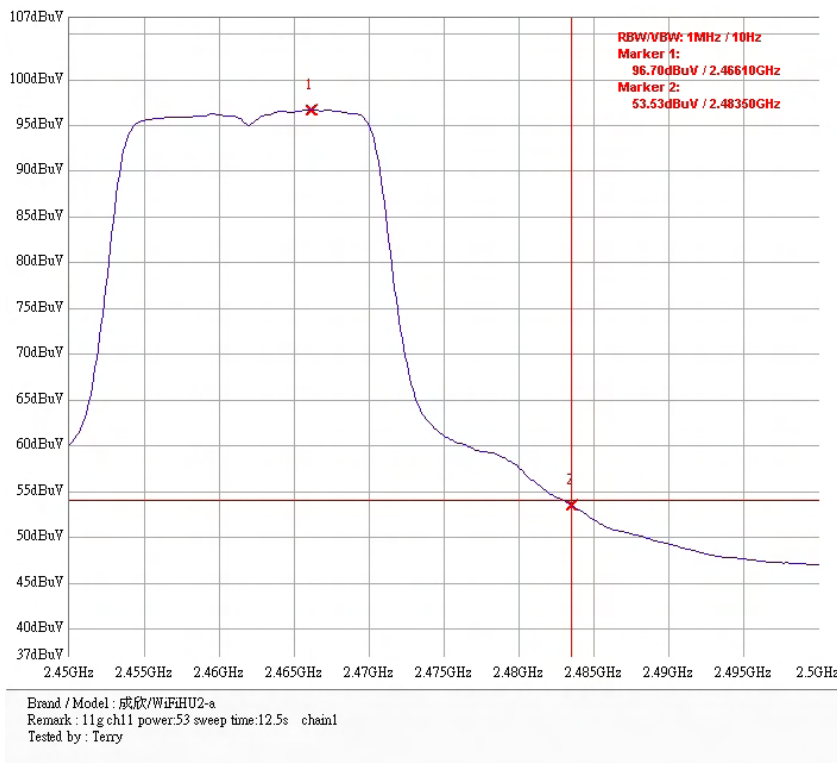
Chain 1: Band edge @ 802.11g mode channel 1 (AV)



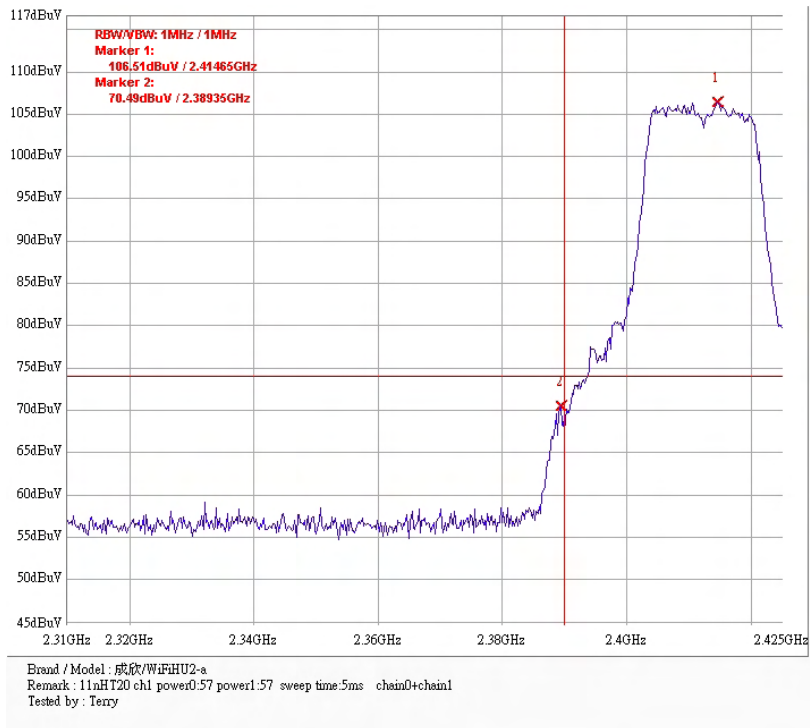
Chain 1: Band edge @ 802.11g mode channel 11 (PK)



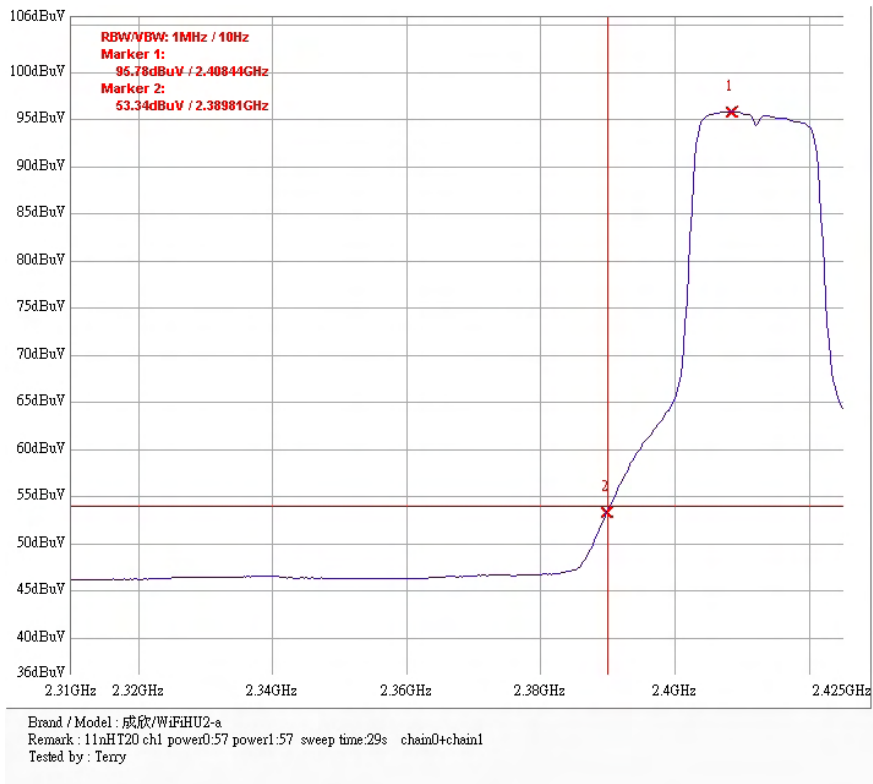
Chain 1: Band edge @ 802.11g mode channel 11 (AV)



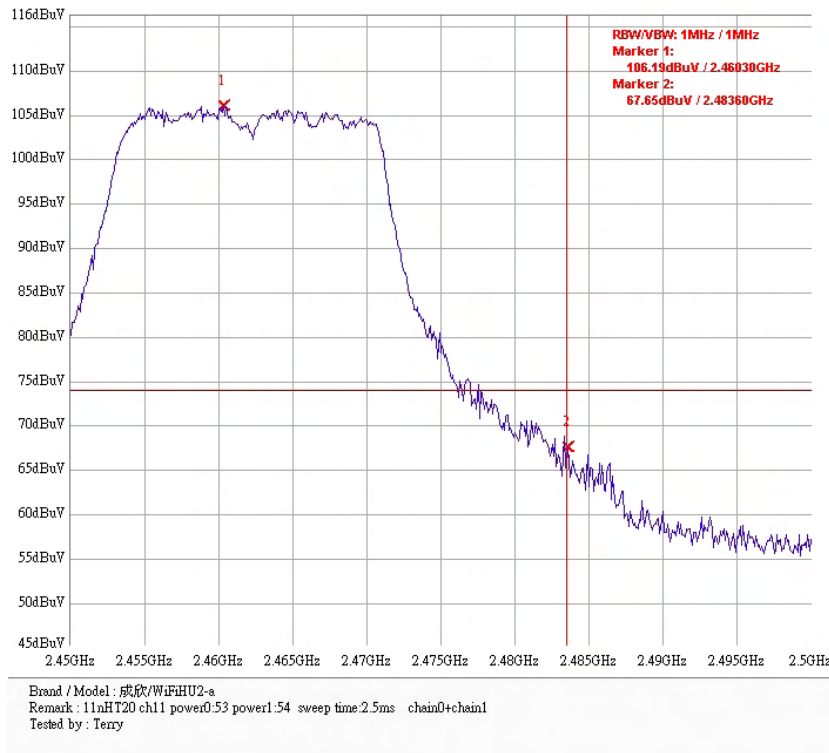
Chain 0+1: Band edge @ 802.11n HT20 mode channel 1 (PK)



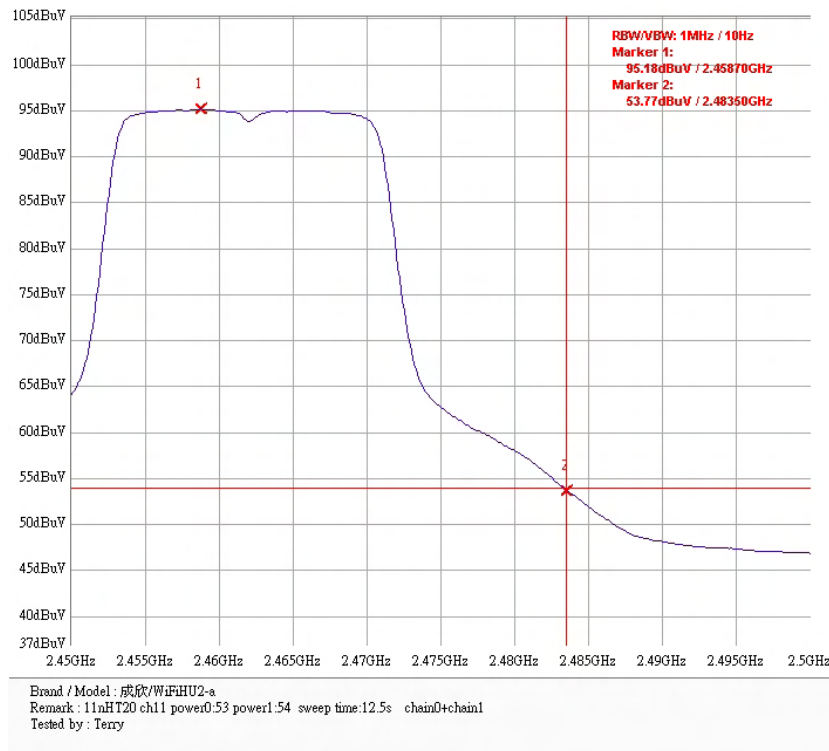
Chain 0+1: Band edge @ 802.11n HT20 mode channel 1 (AV)



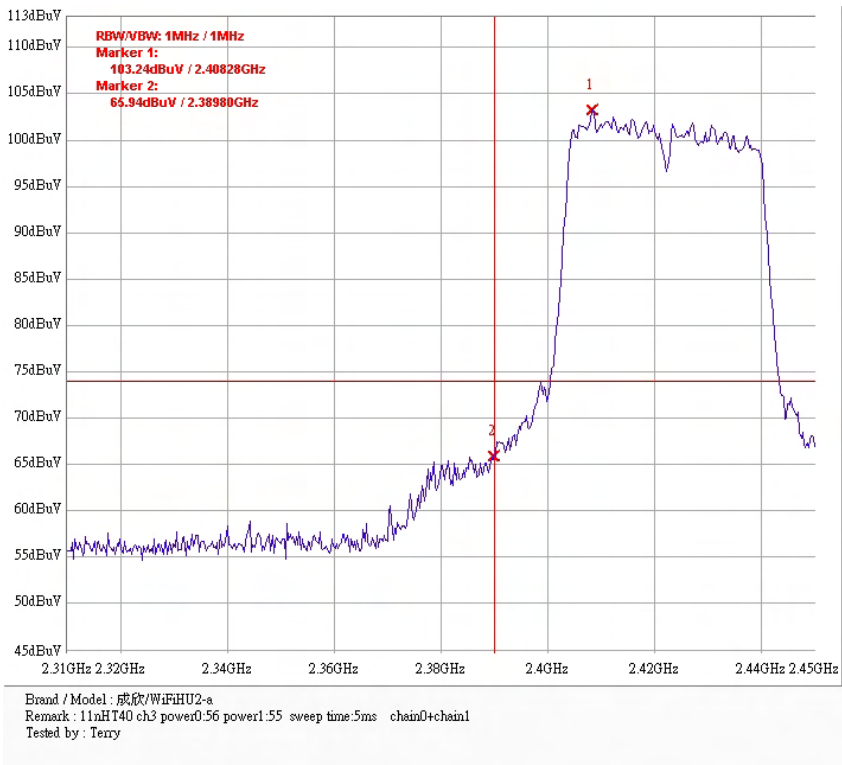
Chain 0+1: Band edge @ 802.11n HT20 mode channel 11 (PK)



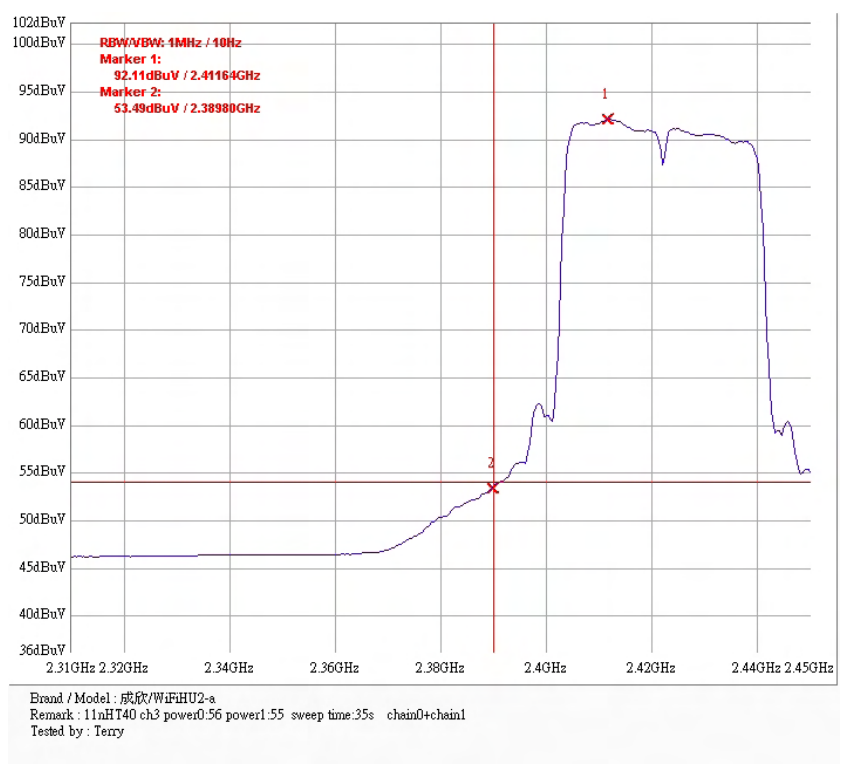
Chain 0+1: Band edge @ 802.11n HT20 mode channel 11 (AV)



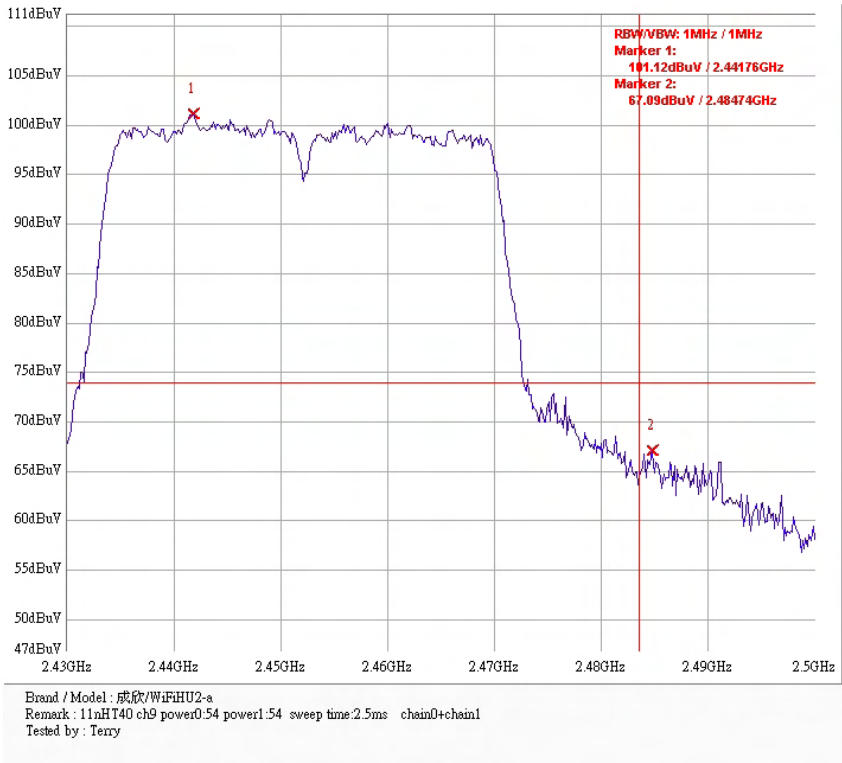
Chain 0+1: Band edge @ 802.11n HT40 mode channel 3 (PK)



Chain 0+1: Band edge @ 802.11n HT40 mode channel 3 (AV)



Chain 0+1: Band edge @ 802.11n HT40 mode channel 9 (PK)



Chain 0+1: Band edge @ 802.11n HT40 mode channel 9 (AV)

