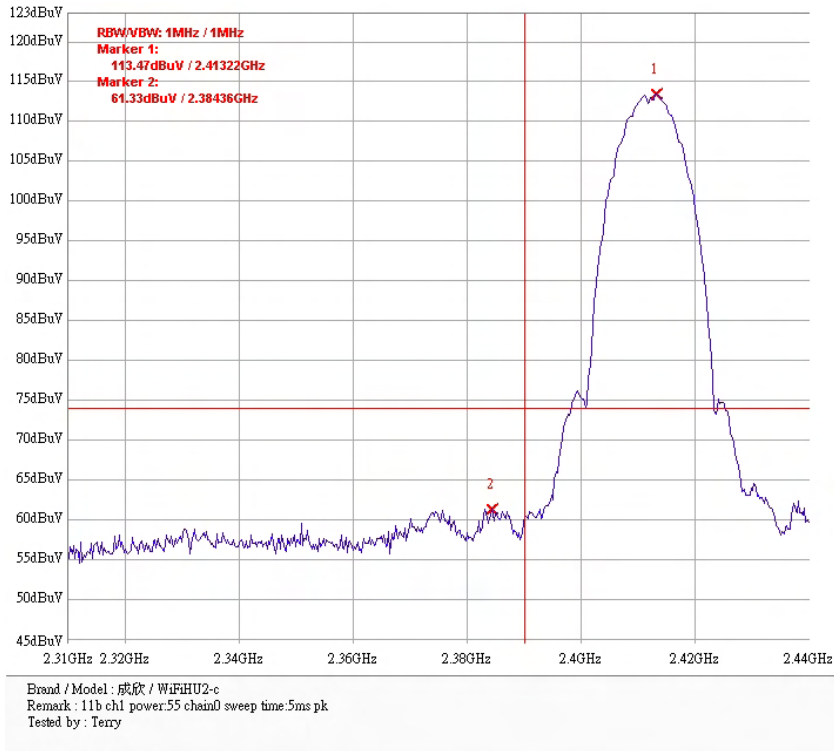
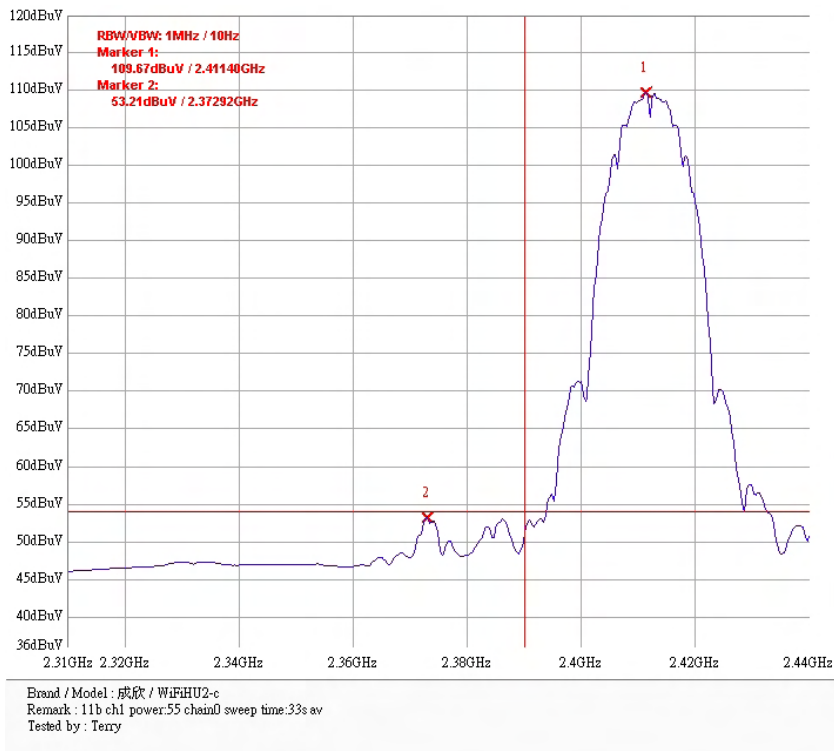


For WiFiHU2-c-1-NE

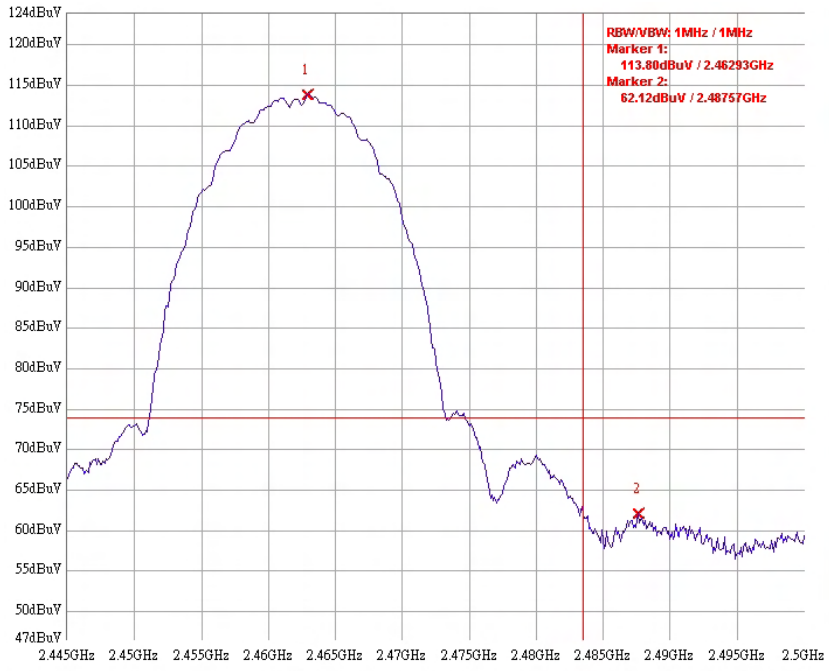
Chain 0: Band edge @ 802.11b mode channel 1 (PK)



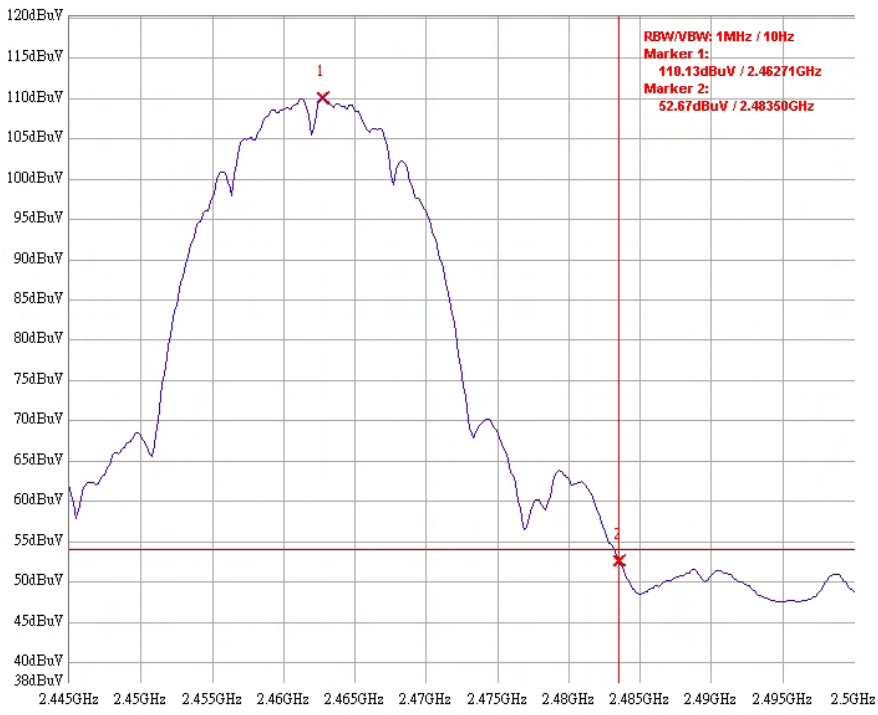
Chain 0: Band edge @ 802.11b mode channel 1 (AV)



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

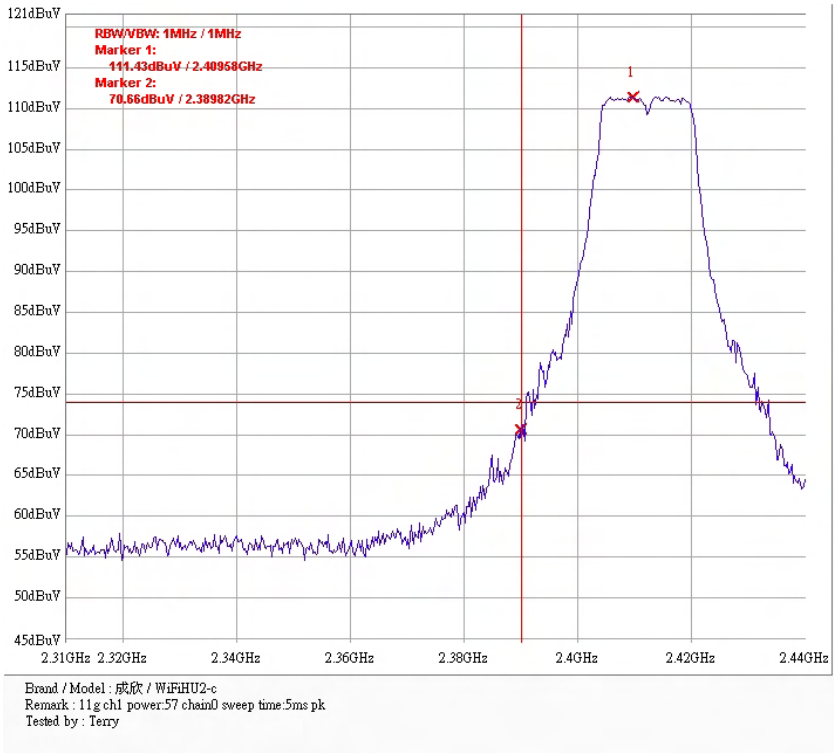


Chain 0: Band edge @ 802.11b mode channel 11 (AV)

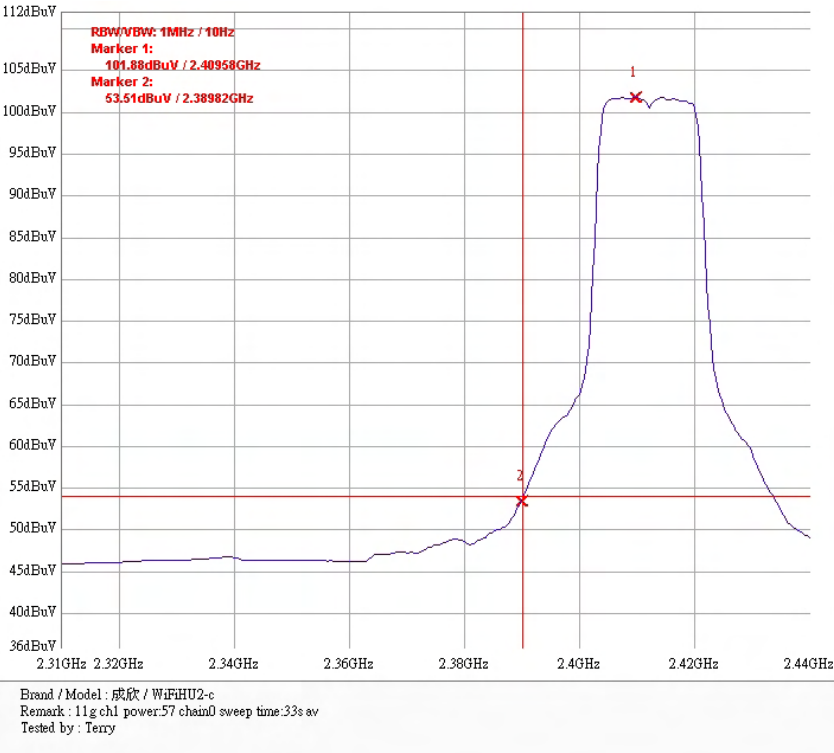


Brand / Model : 成欣 / WiFiHU2-c
Remark : 11b ch11 power:51 chain0 sweep time:14s av
Tested by : Terry

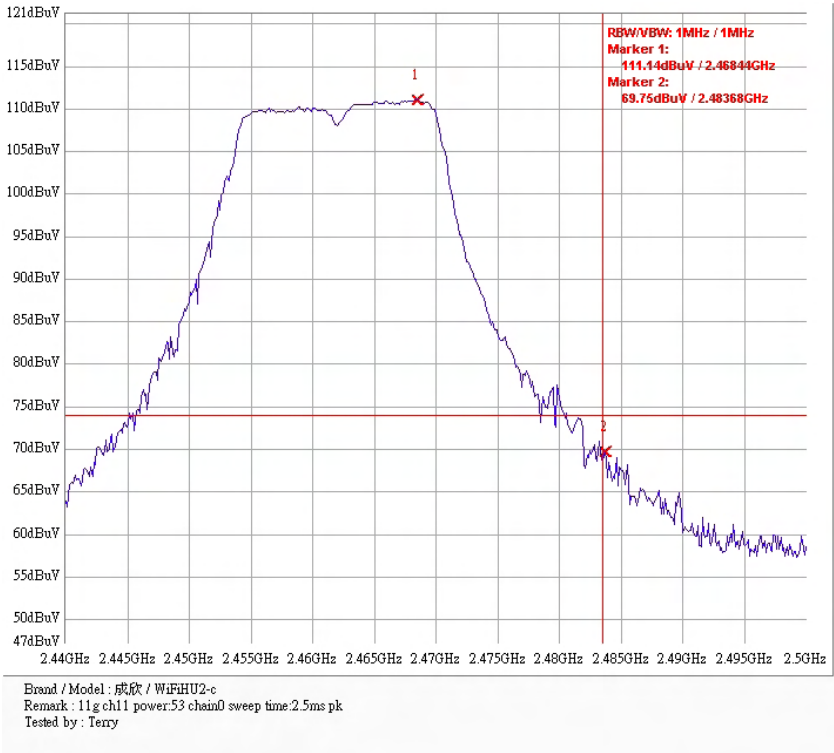
Chain 0: Band edge @ 802.11g mode channel 1 (PK)



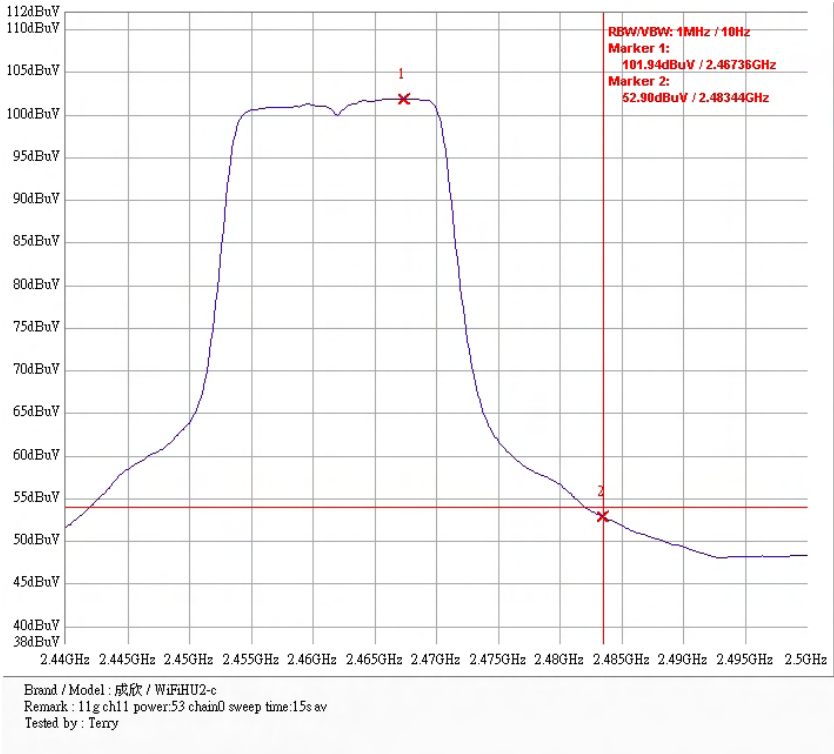
Chain 0: Band edge @ 802.11g mode channel 1 (AV)



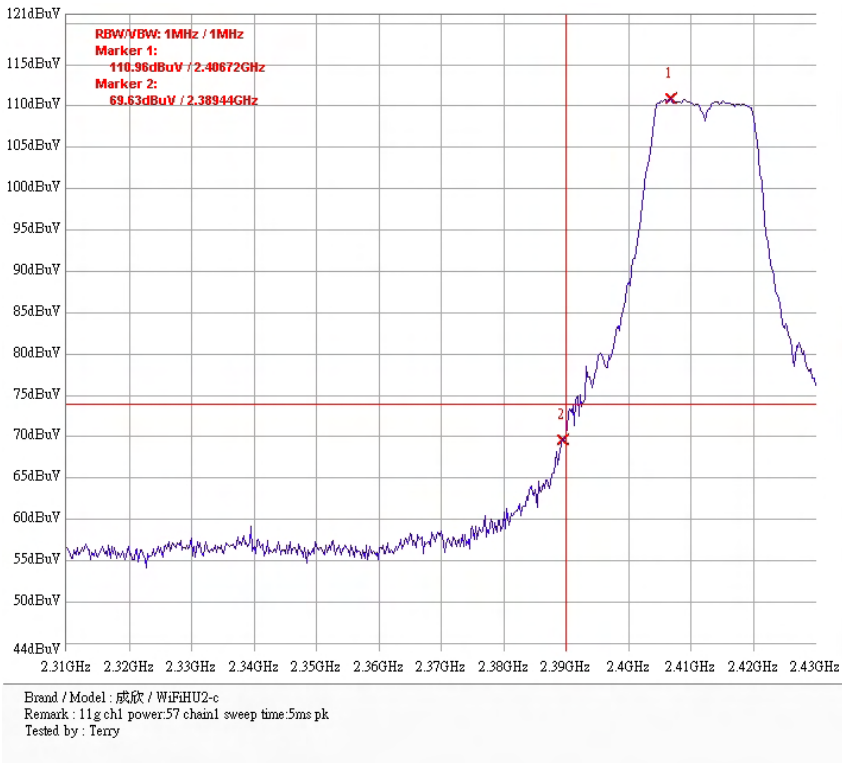
Chain 0: Band edge @ 802.11g mode channel 11 (PK)



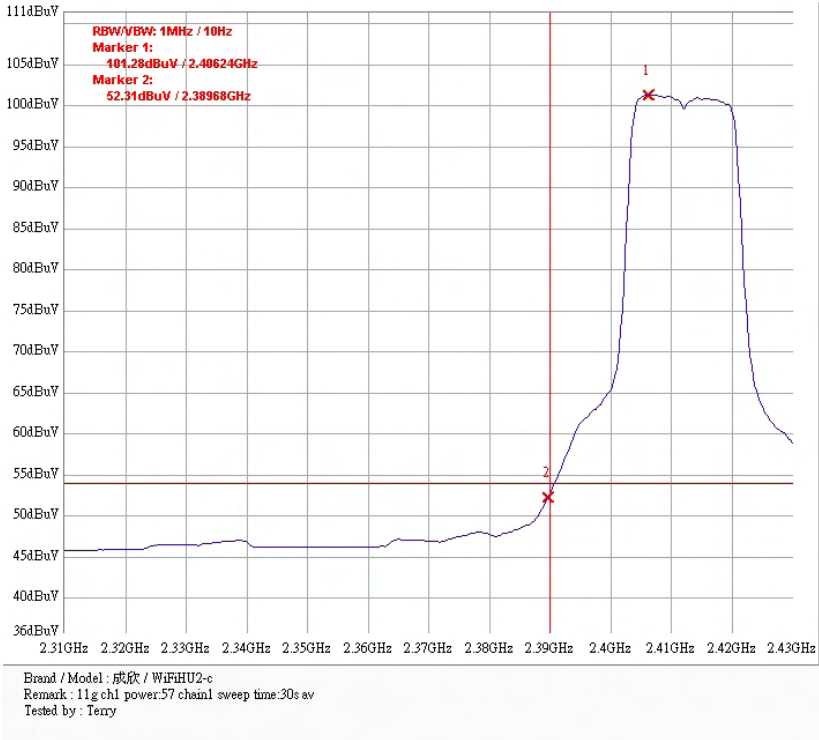
Chain 0: Band edge @ 802.11g mode channel 11 (AV)



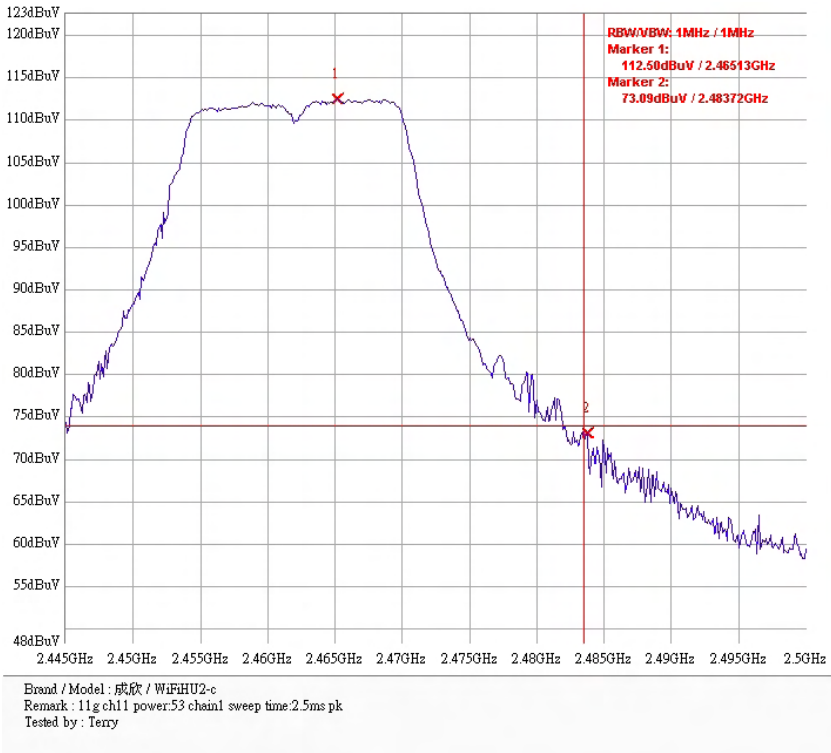
Chain 1: Band edge @ 802.11g mode channel 1 (PK)



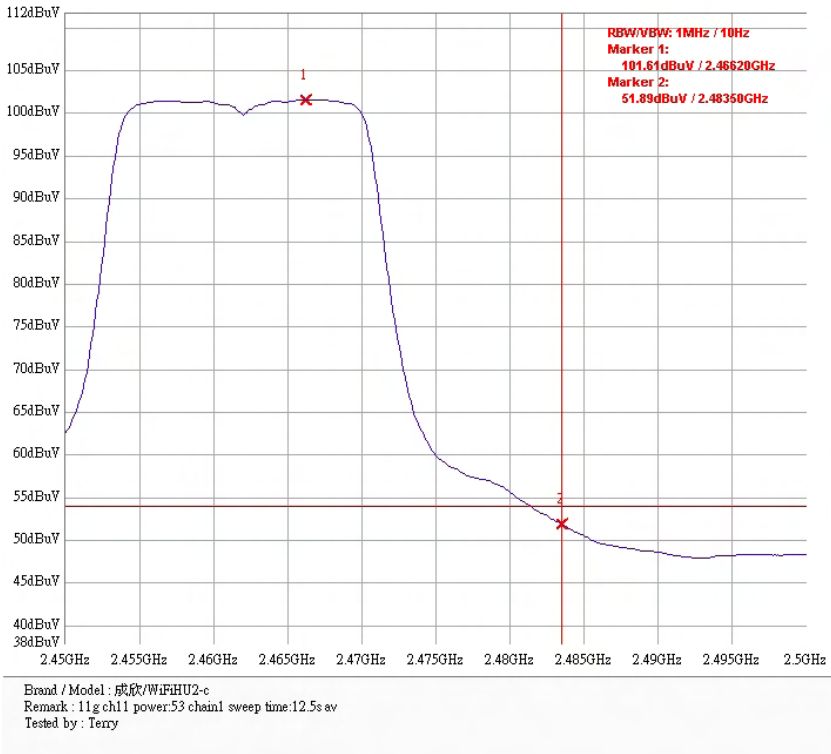
Chain 1: Band edge @ 802.11g mode channel 1 (AV)



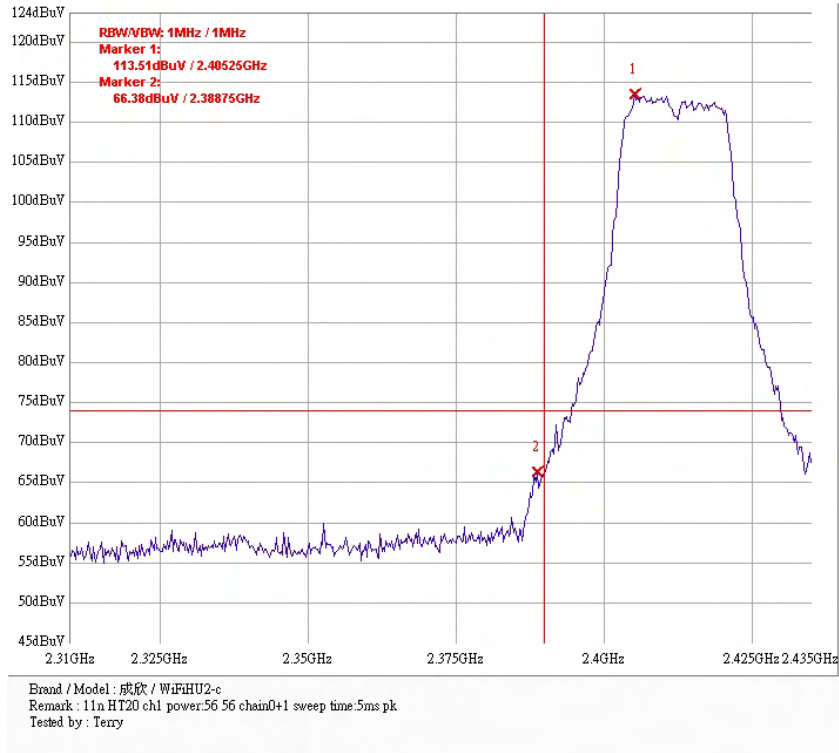
Chain 1: Band edge @ 802.11g mode channel 11 (PK)



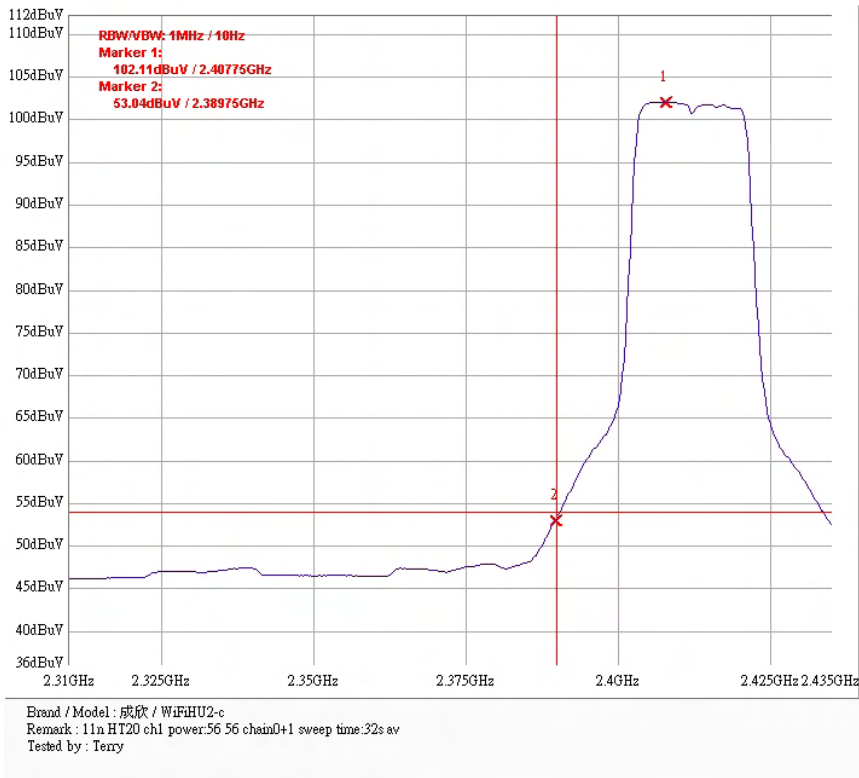
Chain 1: Band edge @ 802.11g mode channel 11 (AV)



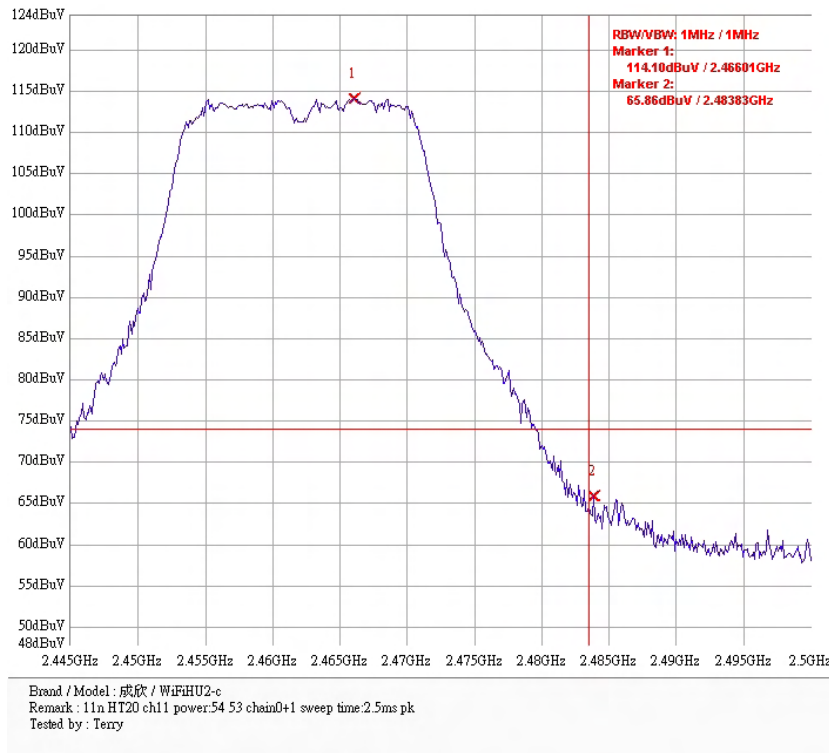
Chain 0+1: Band edge @ 802.11n HT20 mode channel 1 (PK)



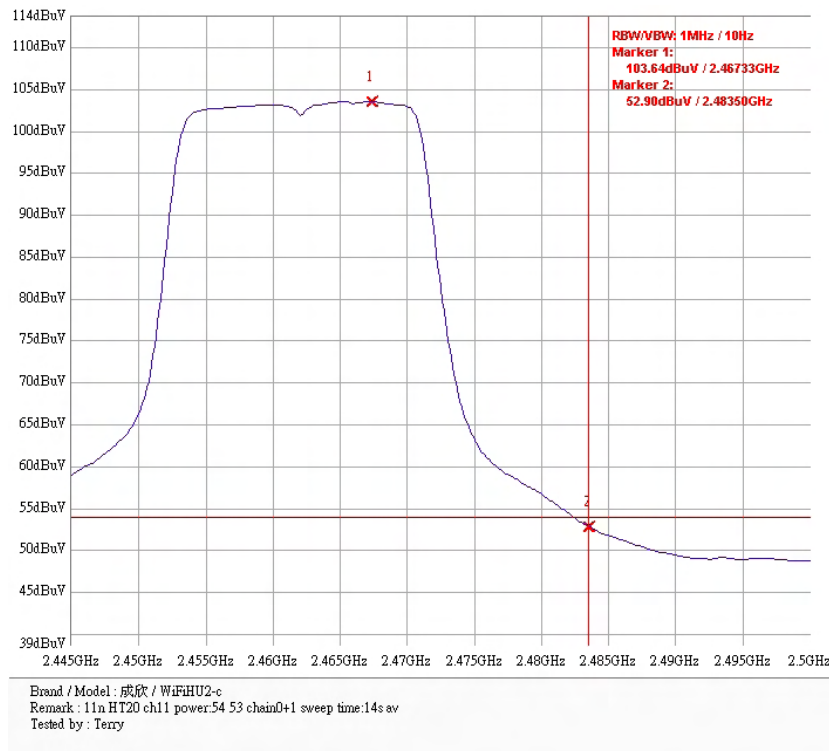
Chain 0+1: Band edge @ 802.11n HT20 mode channel 1 (AV)



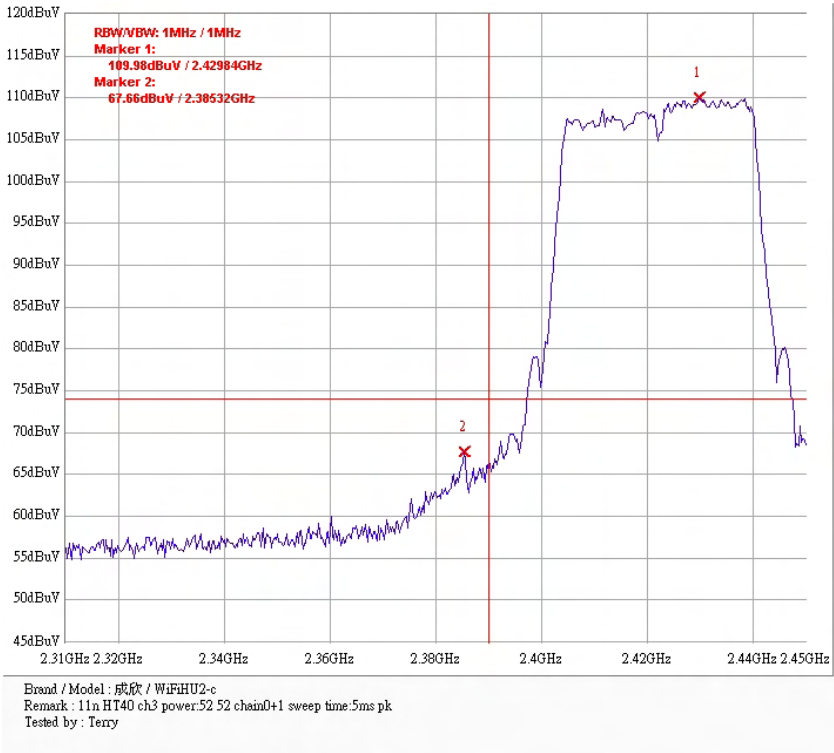
Chain 0+1: Band edge @ 802.11n HT20 mode channel 11 (PK)



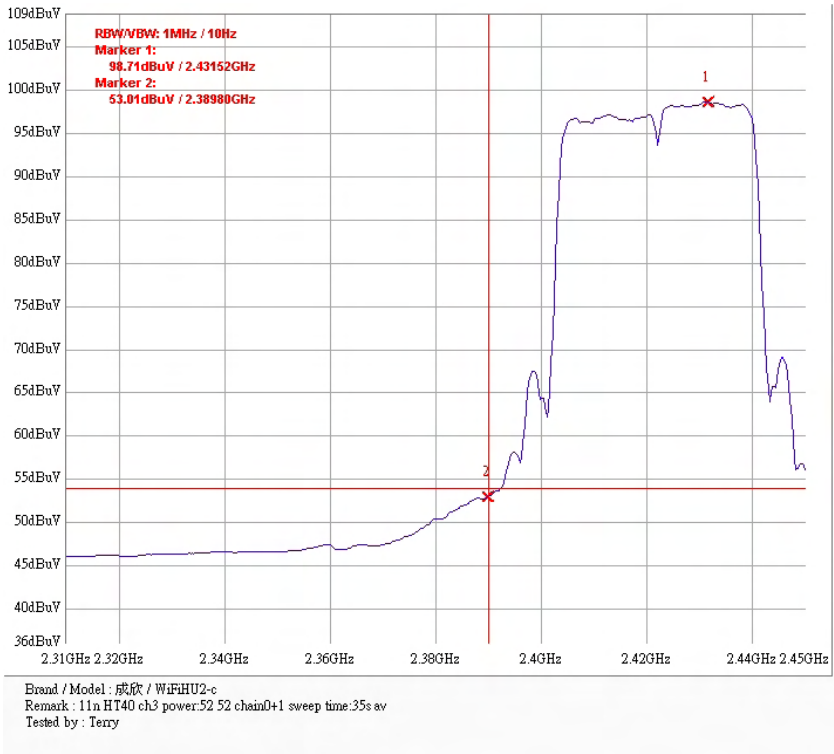
Chain 0+1: Band edge @ 802.11n HT20 mode channel 11 (AV)



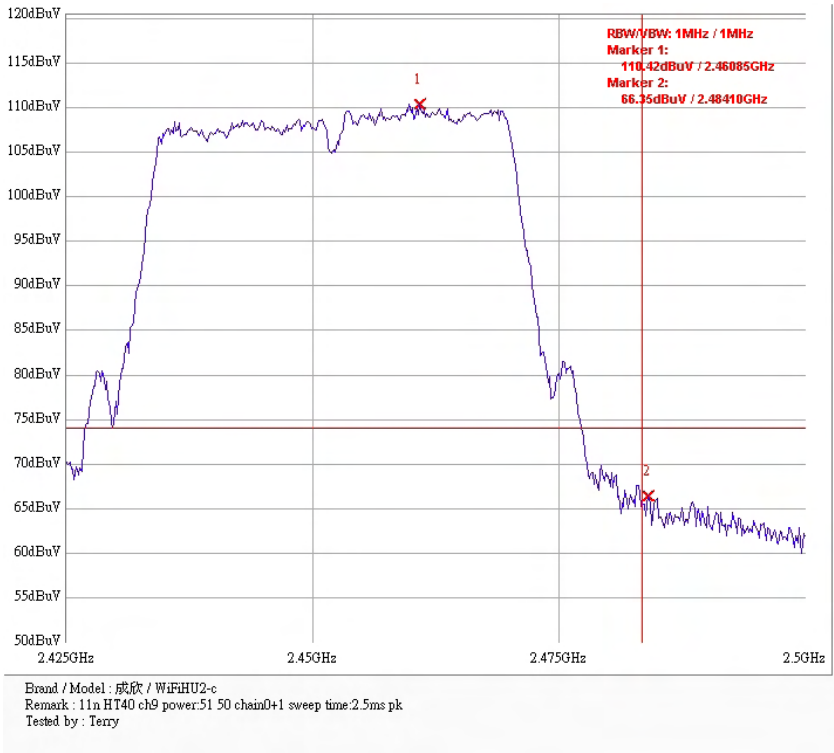
Chain 0+1: Band edge @ 802.11n HT40 mode channel 3 (PK)



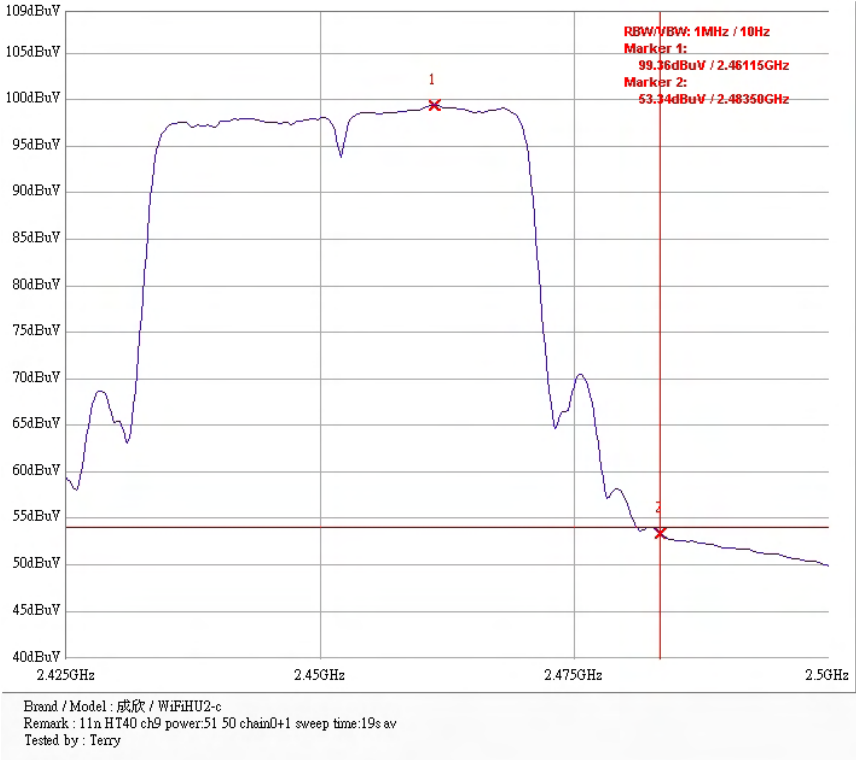
Chain 0+1: Band edge @ 802.11n HT40 mode channel 3 (AV)



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



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



10. AC power line conducted emission

Name of Test	AC power line conducted emission
Base Standard	FCC 15.207

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

Method of Measurement:

Reference FCC document: KDB558074, ANSI C63.4

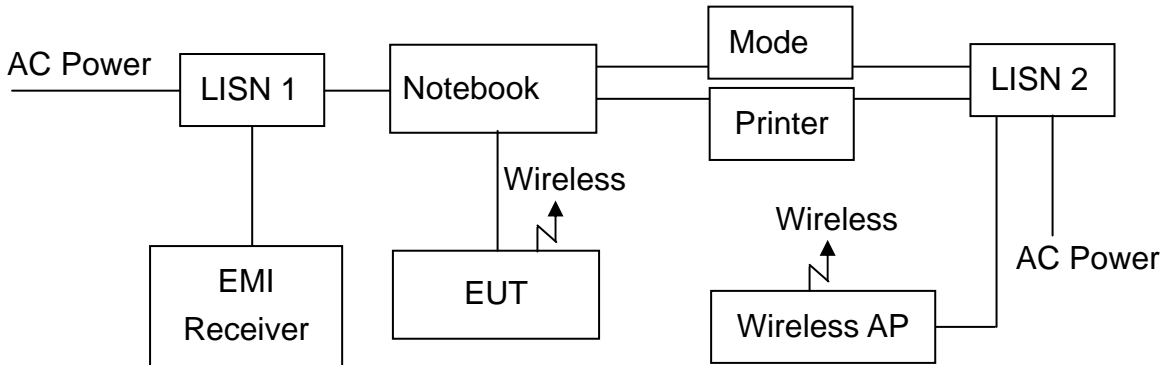
The EUT are connected to the main power through a line impedance stabilization network (LISN). This provides a 50 ohm/50 uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50 ohm/ 50 uH coupling impedance with 50 ohm termination.

Both sides (Line and Neutral) of AC line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4/2003 on conducted measurement.

The bandwidth of the field strength meter (R & S Test Receiver ESCS 30) is set at 9kHz.

The EUT configuration please refer to the “Conducted set-up photo.pdf”.

Test Diagram:



Emission Limit:

Freq. (MHz)	Conducted Limit (dBuV)	
	Q.P.	Ave.
0.15~0.50	66 – 56*	56 – 46*
0.50~5.00	56	46
5.00~30.0	60	50

*Decreases with the logarithm of the frequency.

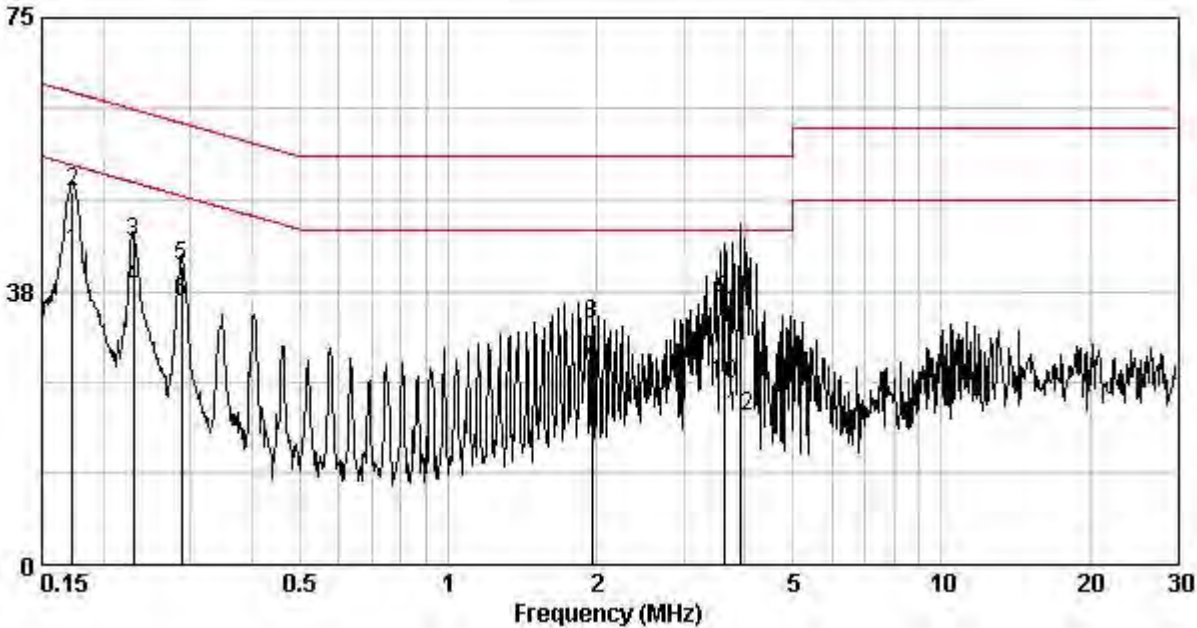
Note: The EUT was tested while in normal communication mode.

Phase : Line
EUT : WiFiHU2-a-1-NE

Frequency (MHz)	Corr. Factor (dB)	Level Qp (dBuV)	Limit Qp (dBuV)	Level Av (dBuV)	Limit Av (dBuV)	Margin (dB)	
						Qp	Av
0.173	0.11	51.02	64.81	42.96	54.81	-13.79	-11.85
0.230	0.12	44.25	62.44	38.03	52.44	-18.19	-14.41
0.288	0.12	40.87	60.59	35.87	50.59	-19.71	-14.71
1.959	0.22	32.92	56.00	27.93	46.00	-23.08	-18.07
3.623	0.27	36.18	56.00	24.74	46.00	-19.82	-21.26
3.922	0.28	34.51	56.00	20.34	46.00	-21.49	-25.66

Remark:

1. Correction Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) = Level (dBuV) – Limit (dBuV)

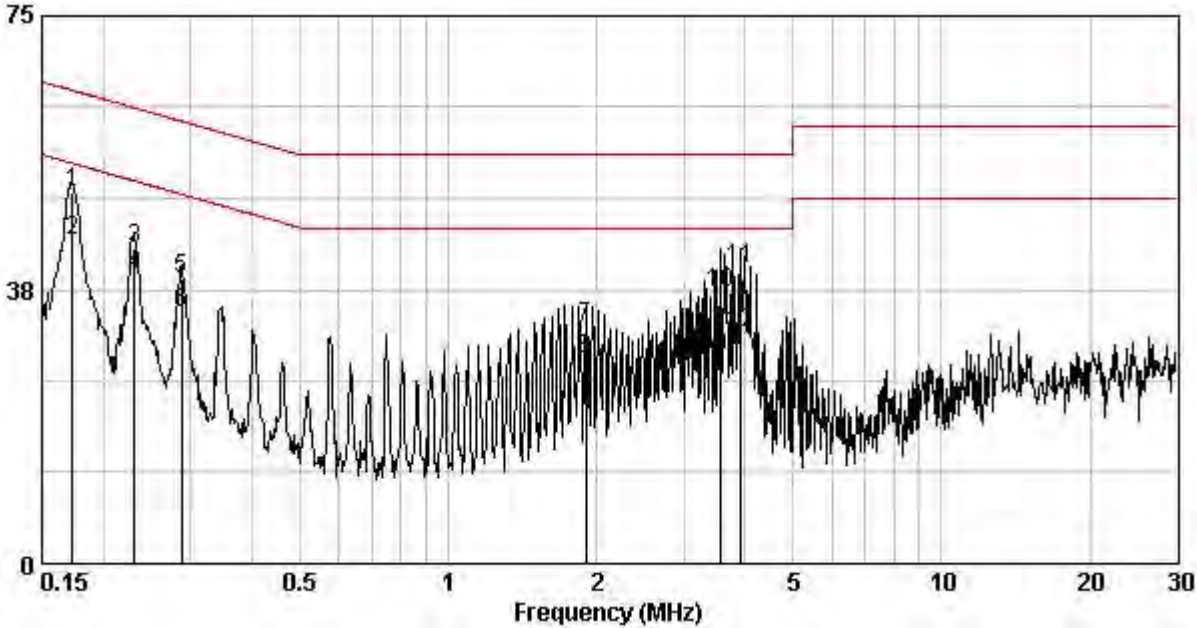


Phase : Neutral
EUT : WiFiHU2-a-1-NE

Frequency (MHz)	Corr. Factor (dB)	Level Qp (dBuV)	Limit Qp (dBuV)	Level Av (dBuV)	Limit Av (dBuV)	Margin (dB)	
						Qp	Av
0.173	0.15	50.96	64.81	44.17	54.81	-13.85	-10.64
0.232	0.16	43.10	62.39	39.54	52.39	-19.29	-12.85
0.288	0.16	39.05	60.59	34.36	50.59	-21.53	-16.22
1.898	0.26	32.38	56.00	28.00	46.00	-23.62	-18.00
3.565	0.29	37.20	56.00	28.28	46.00	-18.80	-17.72
3.915	0.30	40.28	56.00	31.70	46.00	-15.72	-14.30

Remark:

1. Correction Factor (dB) = LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) = Level (dBuV) – Limit (dBuV)

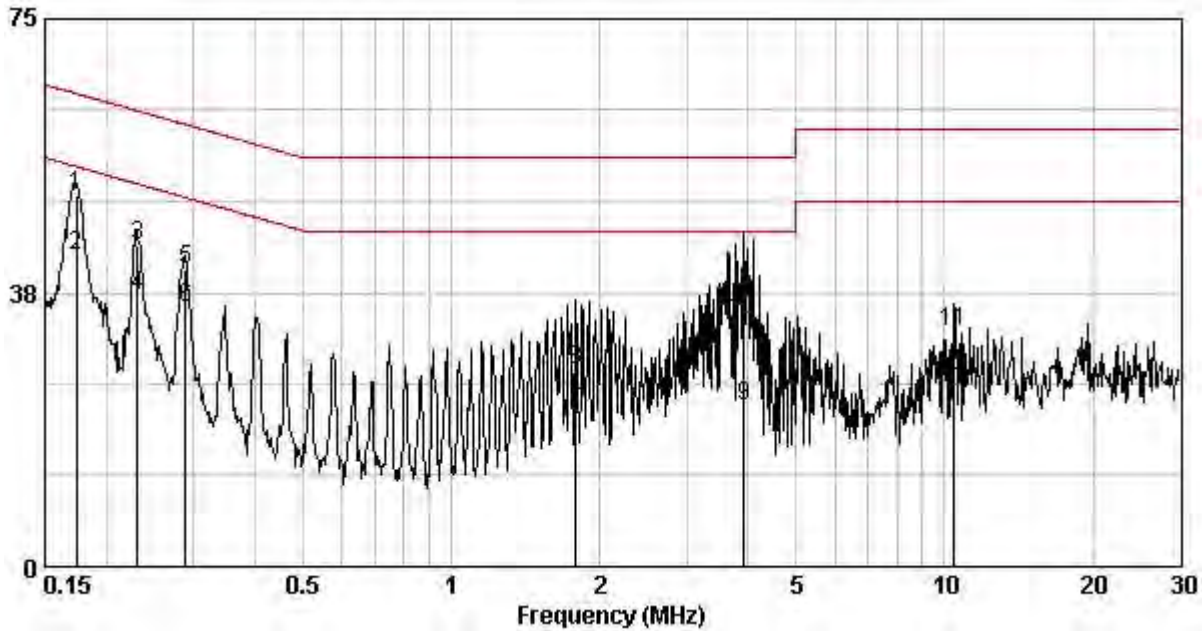


Phase : Line
EUT : WiFiHU2-c-1-NE

Frequency (MHz)	Corr. Factor (dB)	Level Qp (dBuV)	Limit Qp (dBuV)	Level Av (dBuV)	Limit Av (dBuV)	Margin (dB)	
						Qp	Av
0.174	0.11	50.88	64.77	42.70	54.77	-13.89	-12.07
0.232	0.12	43.89	62.39	37.06	52.39	-18.50	-15.33
0.289	0.12	40.56	60.54	35.50	50.54	-19.98	-15.04
1.790	0.21	26.83	56.00	21.13	46.00	-29.17	-24.87
3.922	0.28	33.83	56.00	21.86	46.00	-22.17	-24.14
10.421	0.54	32.08	60.00	26.02	50.00	-27.92	-23.98

Remark:

1. Correction Factor (dB)= LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) = Level (dBuV) – Limit (dBuV)

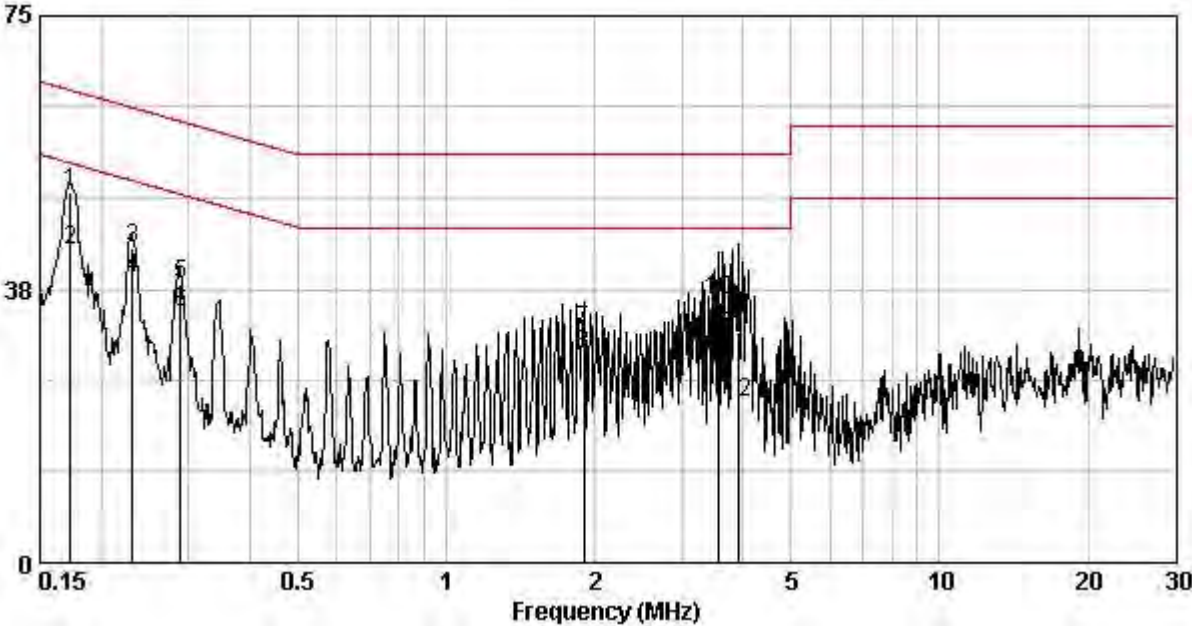


Phase : Neutral
EUT : WiFiHU2-c-1-NE

Frequency (MHz)	Corr. Factor (dB)	Level Qp (dBuV)	Limit Qp (dBuV)	Level Av (dBuV)	Limit Av (dBuV)	Margin (dB)	
						Qp	Av
0.173	0.15	50.82	64.81	42.81	54.81	-13.99	-12.00
0.232	0.16	43.14	62.39	39.14	52.39	-19.25	-13.25
0.289	0.16	38.32	60.54	34.23	50.54	-22.22	-16.31
1.898	0.26	32.00	56.00	28.57	46.00	-24.00	-17.43
3.565	0.29	36.07	56.00	28.24	46.00	-19.93	-17.76
3.922	0.30	31.69	56.00	21.97	46.00	-24.31	-24.03

Remark:

1. Correction Factor (dB)= LISN Factor (dB) + Cable Loss (dB)
2. Margin (dB) = Level (dBuV) – Limit (dBuV)



APPENDICES

Appendix A: Test Equipment List

Equipment	Brand	Model No.	Serial No.	Calibration Date	Next Calibration Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100018	2011/12/6	2012/12/4
Spectrum Analyzer	Rohde&schwarz	FSP30	100137	2011/6/29	2012/6/28
Spectrum Analyzer	Rohde&schwarz	FSEK30	100186	2012/2/6	2013/2/5
Horn Antenna (1-18G)	Schwarzbeck	BBHA 9120 D	9120D-456	2010/8/31	2012/8/30
Horn Antenna (14-42G)	SHWARZBECK	BBHA 9170	BBHA9170159	2010/9/3	2012/9/2
Broadband Antenna	SCHWARZBECK	VULB 9168	9168-172	2011/7/26	2013/7/25
Pre-Amplifier	MITEQ	AFS44-00102650--42-10P-44	1495287	2011/10/27	2013/10/26
Pre-Amplifier	MITEQ	JS4-26004000--27-8A	828825	2010/9/8	2012/9/7
Power Meter	Anritsu	ML2495A	0844001	2011/10/13	2012/10/12
Power Sensor	Anritsu	MA2411B	0738452	2011/10/13	2012/10/12
Temperature&Humidity Test Chamber	TERCHY	MHU-225LRU(SA)	950838	2011/6/17	2012/6/16
Two-Line V-Network	Rohde&schwarz	ESH3-Z5	838979/014	2011/10/19	2012/10/18

Note: The above equipments are within the valid calibration period.

Measurement Uncertainty:

Measurement uncertainty was calculated in accordance with TR 100 028-1.

Parameter	Uncertainty
Radiated Emission	±5.056 dB
Conducted Emission	±2.786 dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.