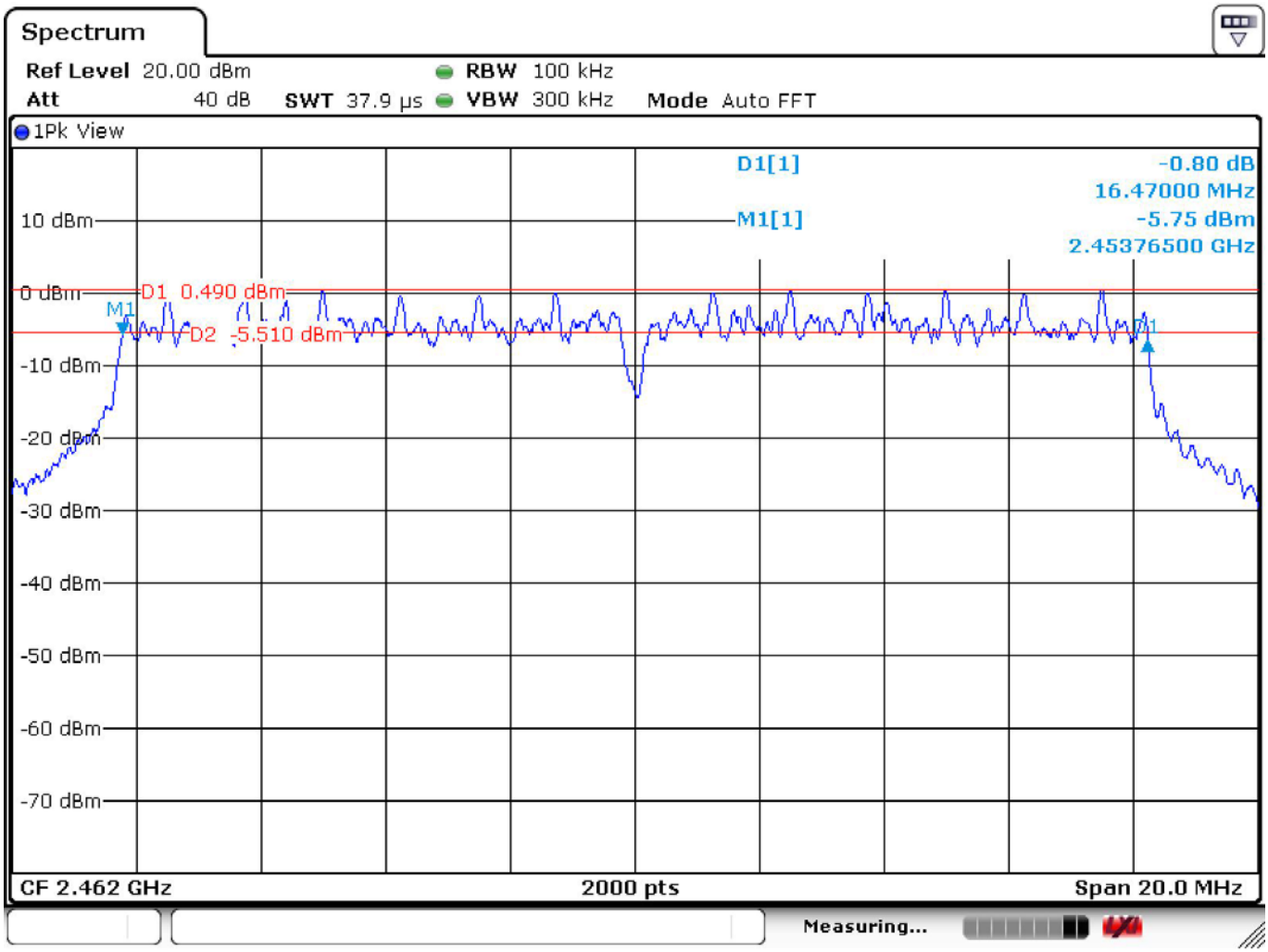
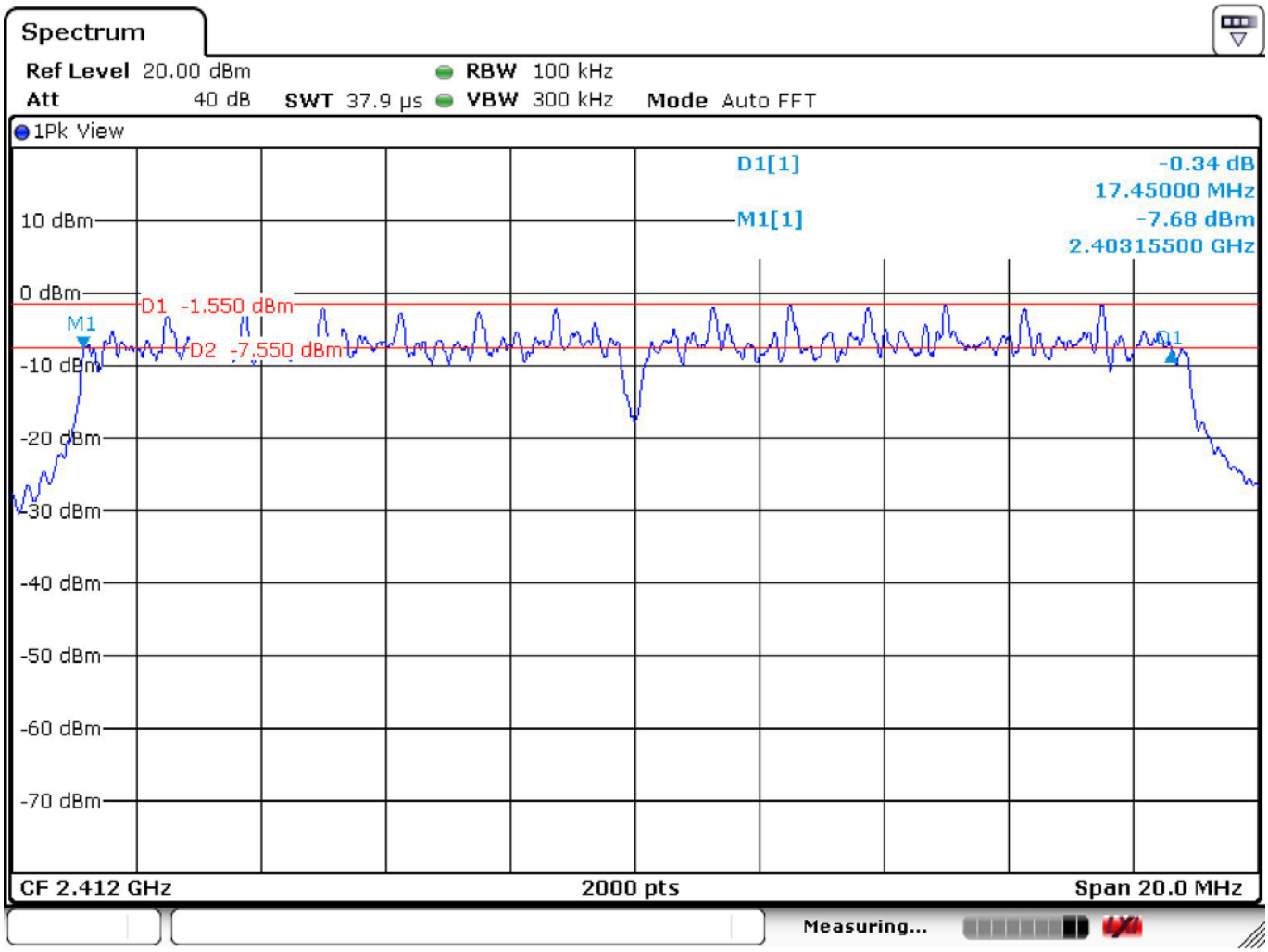
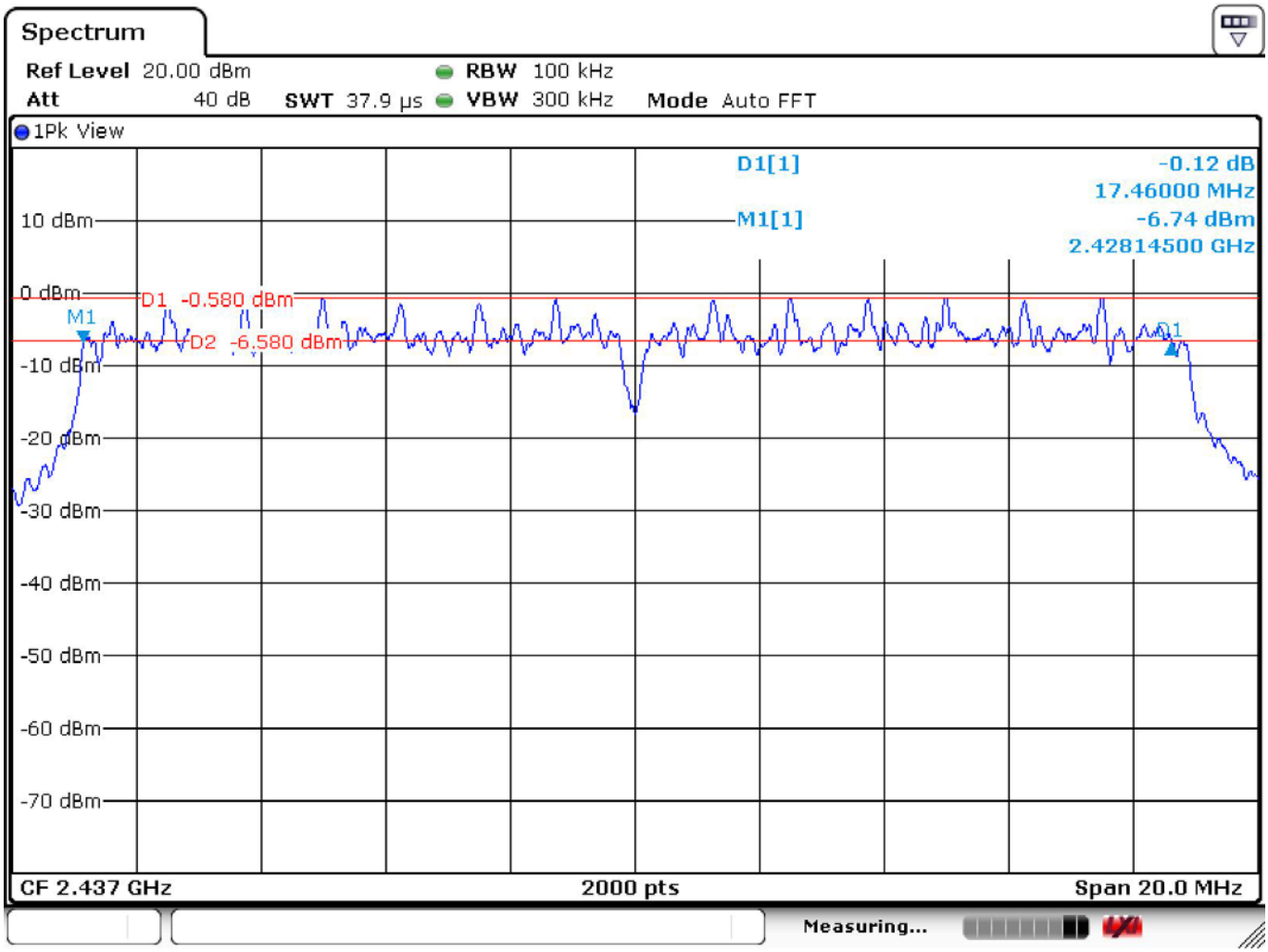
Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	802.11g	Channel	:	CH11 (2462MHz)



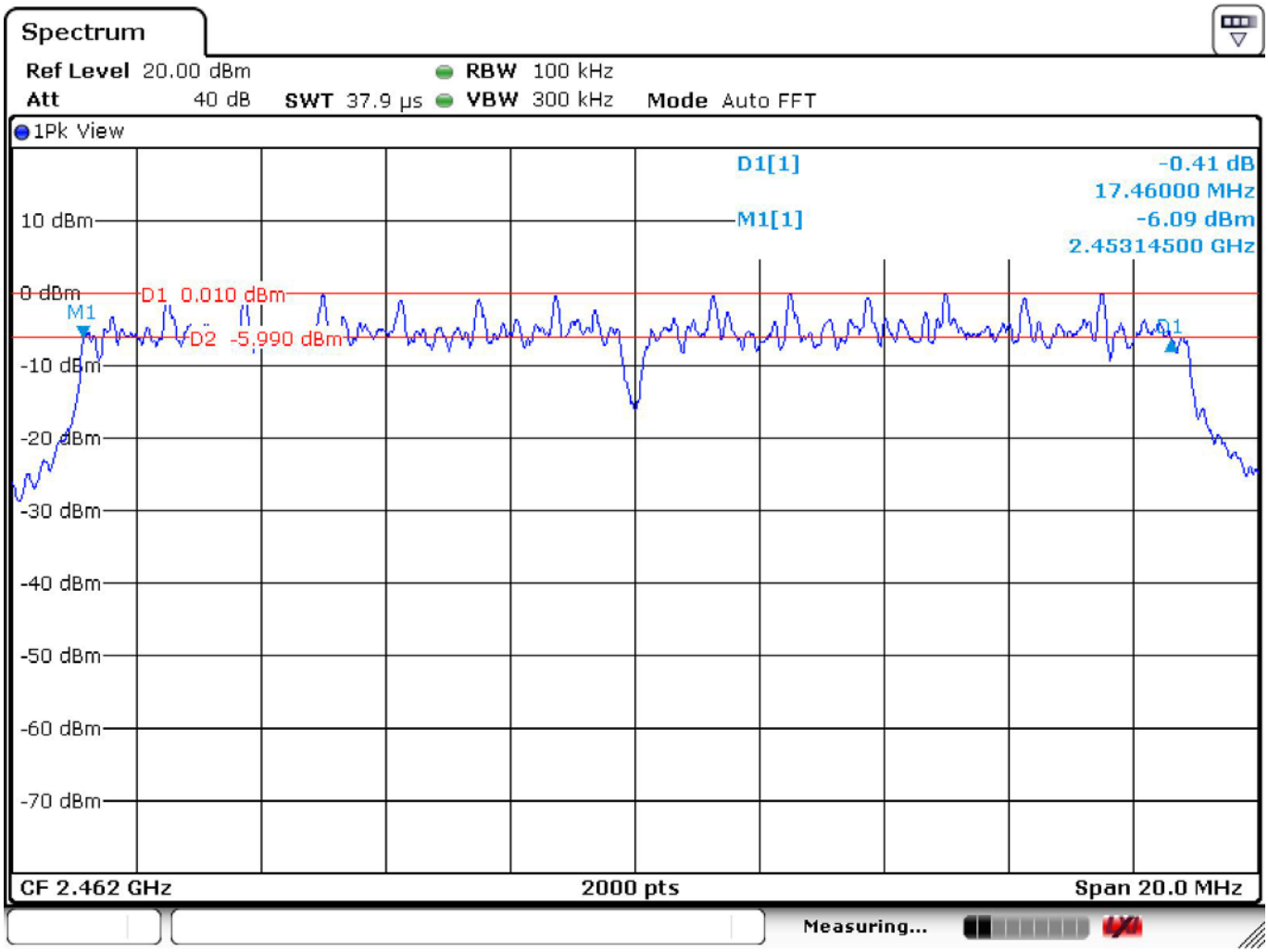
Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	802.11n HT(20)	Channel	:	CH01 (2412MHz)



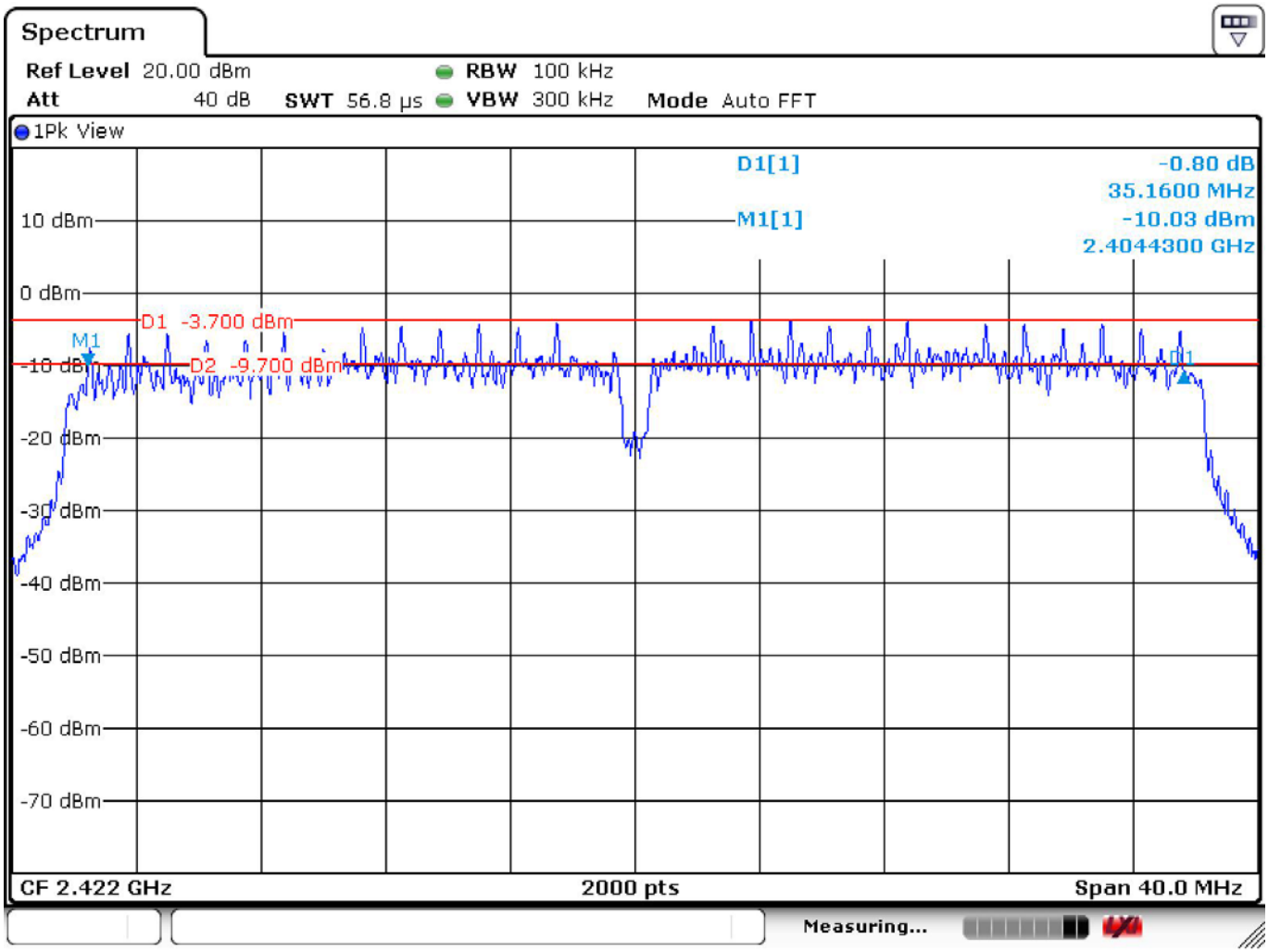
Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	802.11n HT(20)	Channel	:	CH06 (2437MHz)



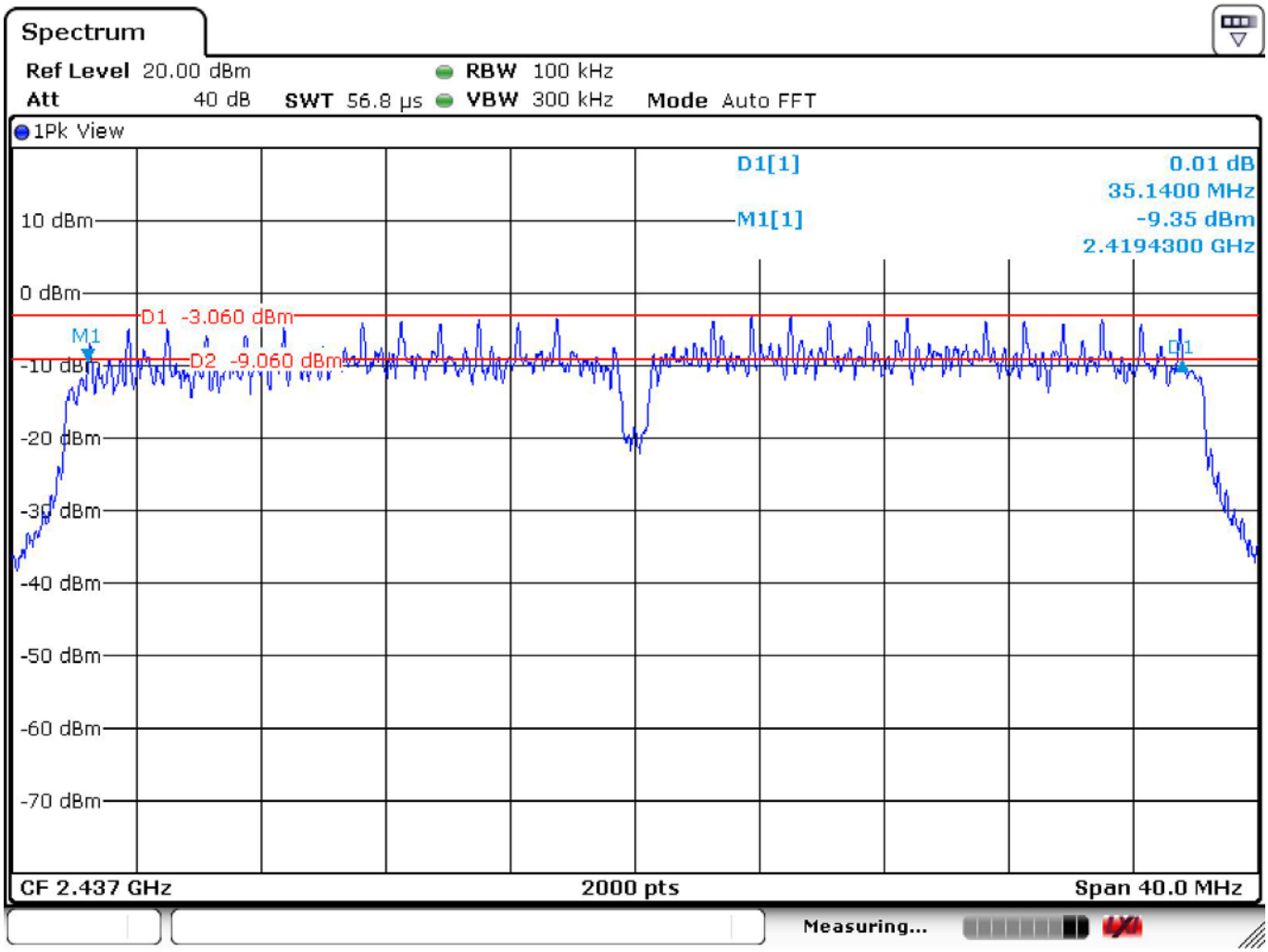
Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	802.11n HT(20)	Channel	:	CH11 (2462MHz)



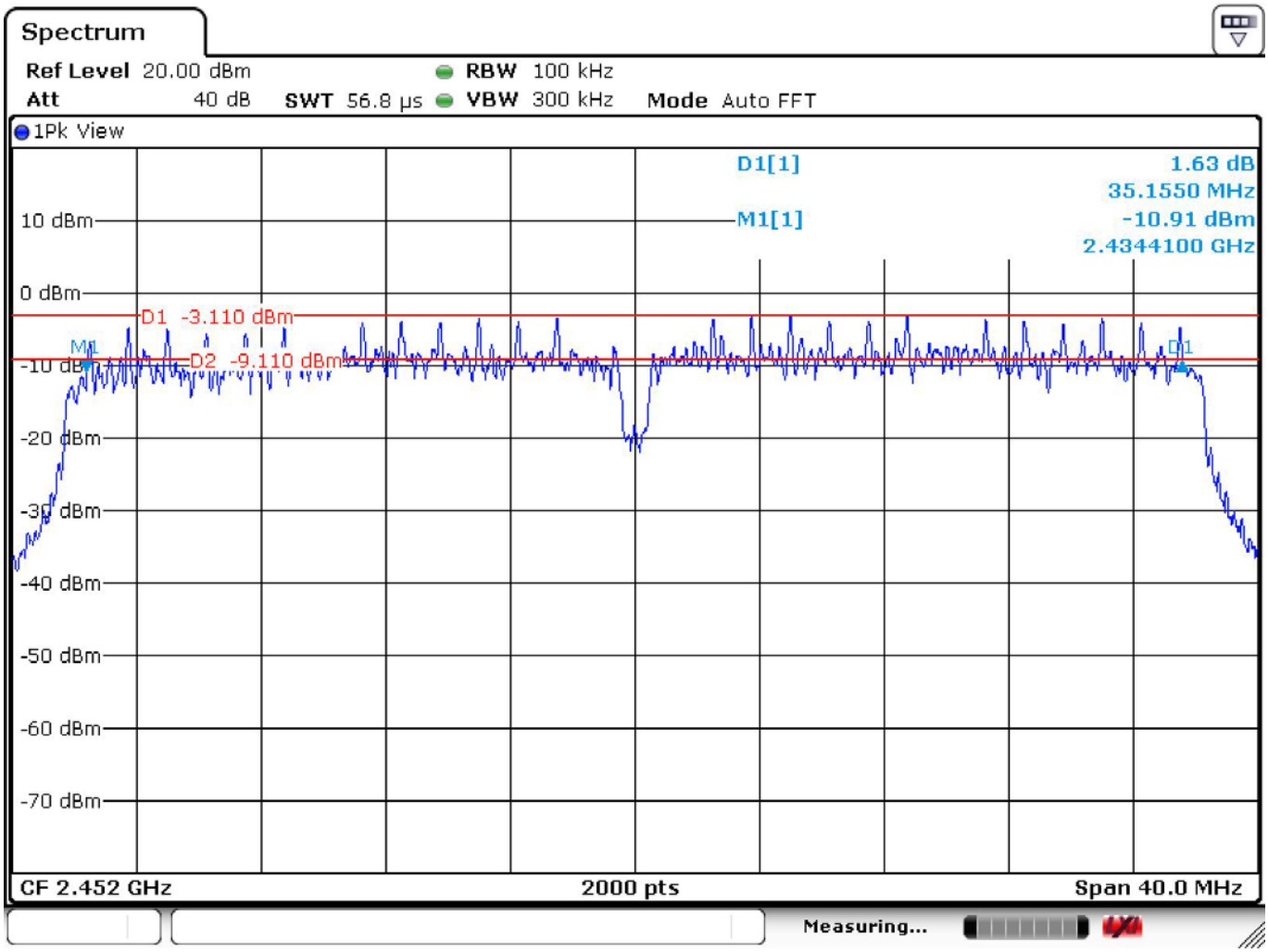
Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	802.11n HT(40)	Channel	:	CH03 (2422MHz)



Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	802.11n HT(40)	Channel	:	CH06 (2437MHz)



Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	802.11n HT(40)	Channel	:	CH09 (2452MHz)

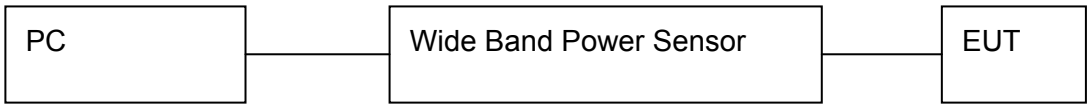


5 Maximum Conducted Output Power

5.1 Test Instruments

Refer to Sec. 1.2 Test Instruments.

5.2 Test Arrangement



5.3 Test Procedure

1. To perform the measurement of maximum conducted (Average) output power, firstly, connect the EUT to Wide Band Power Sensor.
2. Then, configure the EUT to transmit continuously (i.e., with a duty cycle of greater than or equal to 98%) and to transmit at its maximum power level.
3. Finally, capture the Maximum reading from PC.
4. Test method in Section 11.9.2.3 of ANSI C63.10 (2013) was used to measure the output power.

5.4 Limit (§ 15.247(b)(3))

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.

5.5 Test Result

Compliance

The final test data are shown on the following page(s).

Temperature : 21.9℃ Humidity : 51%

Test Date : 2016-03-22 Tested by : Eason Hsieh

Test Mode : 802.11 b

Test Channel	Frequency (MHz)	Test Result		Limit	
		(dBm)	(W)	(dBm)	(W)
01	2412	13.35	0.02163	30	1
06	2437	14.27	0.02673	30	1
11	2462	14.56	0.02858	30	1

Test Mode : 802.11 g

Test Channel	Frequency (MHz)	Test Result		Limit	
		(dBm)	(W)	(dBm)	(W)
01	2412	11.35	0.013646	30	1
06	2437	12.32	0.017061	30	1
11	2462	12.44	0.017539	30	1

Test Mode : 802.11 n HT(20)

Test Channel	Frequency (MHz)	Test Result		Limit	
		(dBm)	(W)	(dBm)	(W)
01	2412	10.40	0.010965	30	1
06	2437	11.35	0.013646	30	1
11	2462	11.47	0.014029	30	1

Test Mode : 802.11n HT(40)

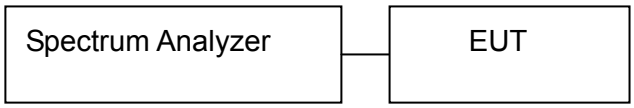
Test Channel	Frequency (MHz)	Test Result		Limit	
		(dBm)	(W)	(dBm)	(W)
03	2422	10.47	0.011143	30	1
06	2437	10.98	0.012531	30	1
09	2452	11.06	0.012764	30	1

6 Out of Band Emission Test

6.1 Test Instruments

Refer to Sec. 1.2 Test Instruments.

6.2 Test Arrangement



6.3 Test Procedure

1. Connect the EUT to spectrum analyzer through appropriate attenuator.
2. Spectrum setting; RMB = 100 kHz; VBW = 300 kHz.
3. Span ≥ 1.5 time DTS BW.
4. Detector = Peak.
5. Trace = Max Hold.

6.4 Limit (§ 15.247(d))

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required. 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) (see § 15.205(c)).

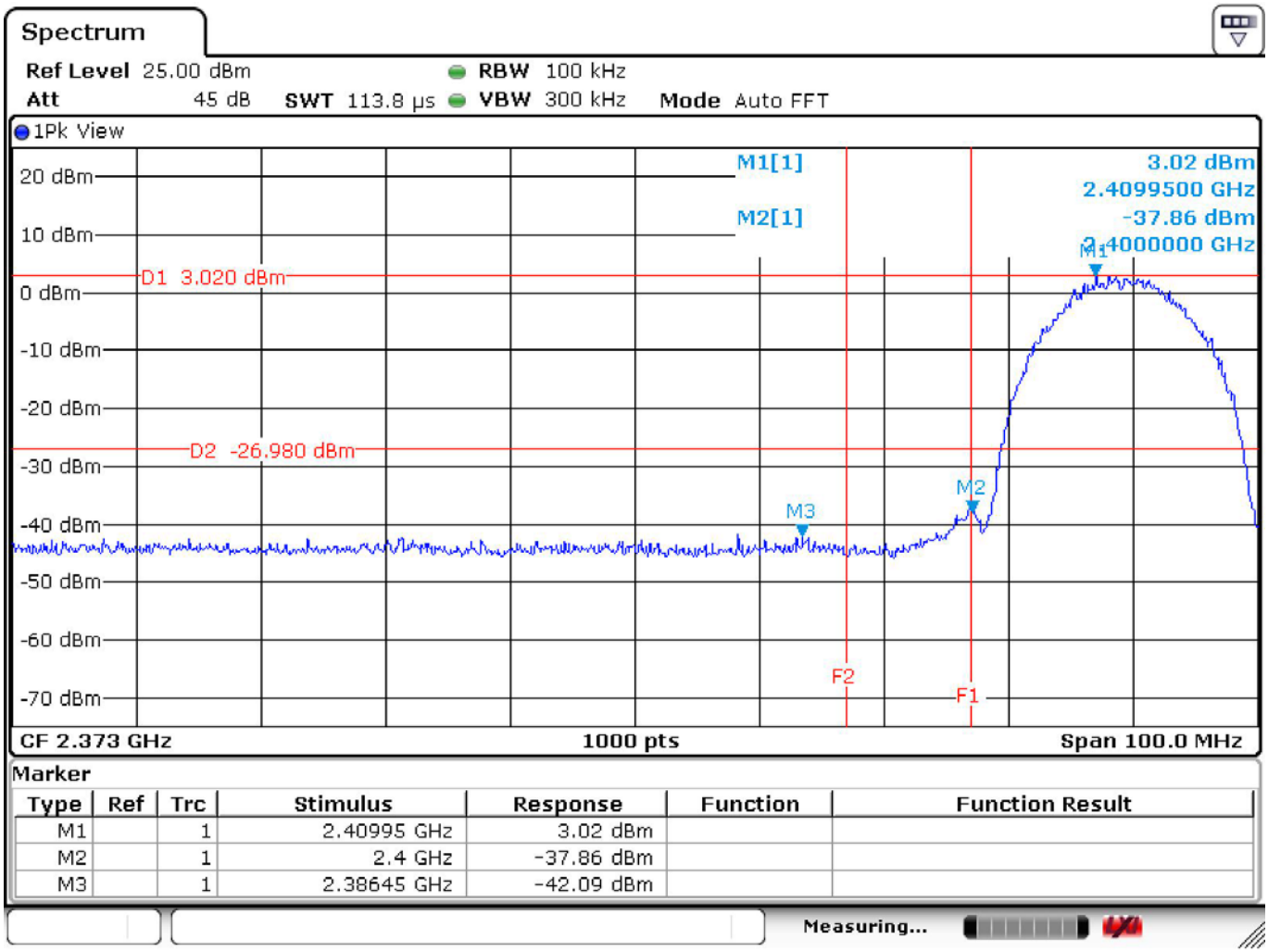
6.5 Test Result

Compliance

The final test data are shown on the following page(s).

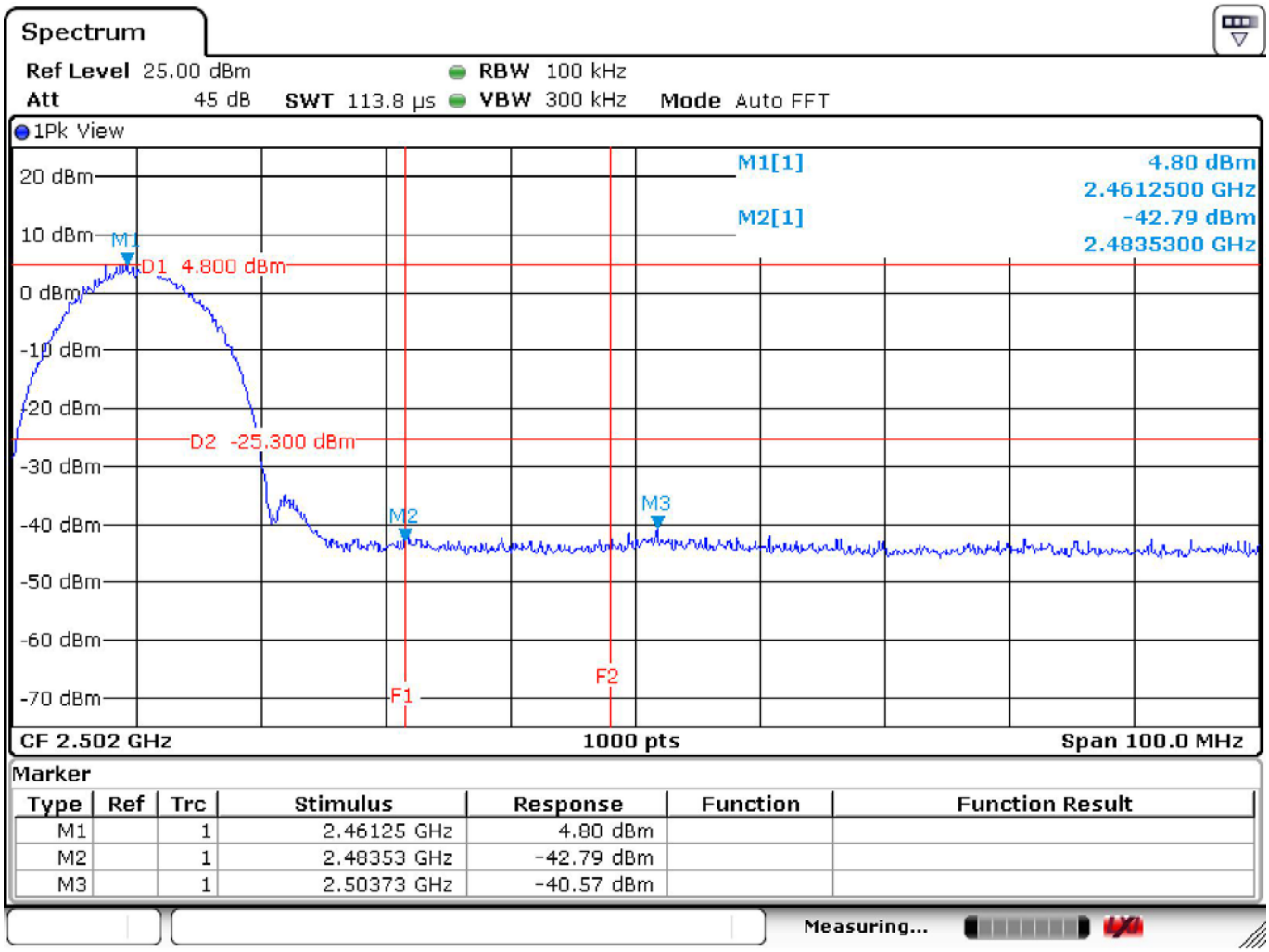
Band-Edge Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 1 (802.11b)	Channel	:	CH01 (2412 MHz)



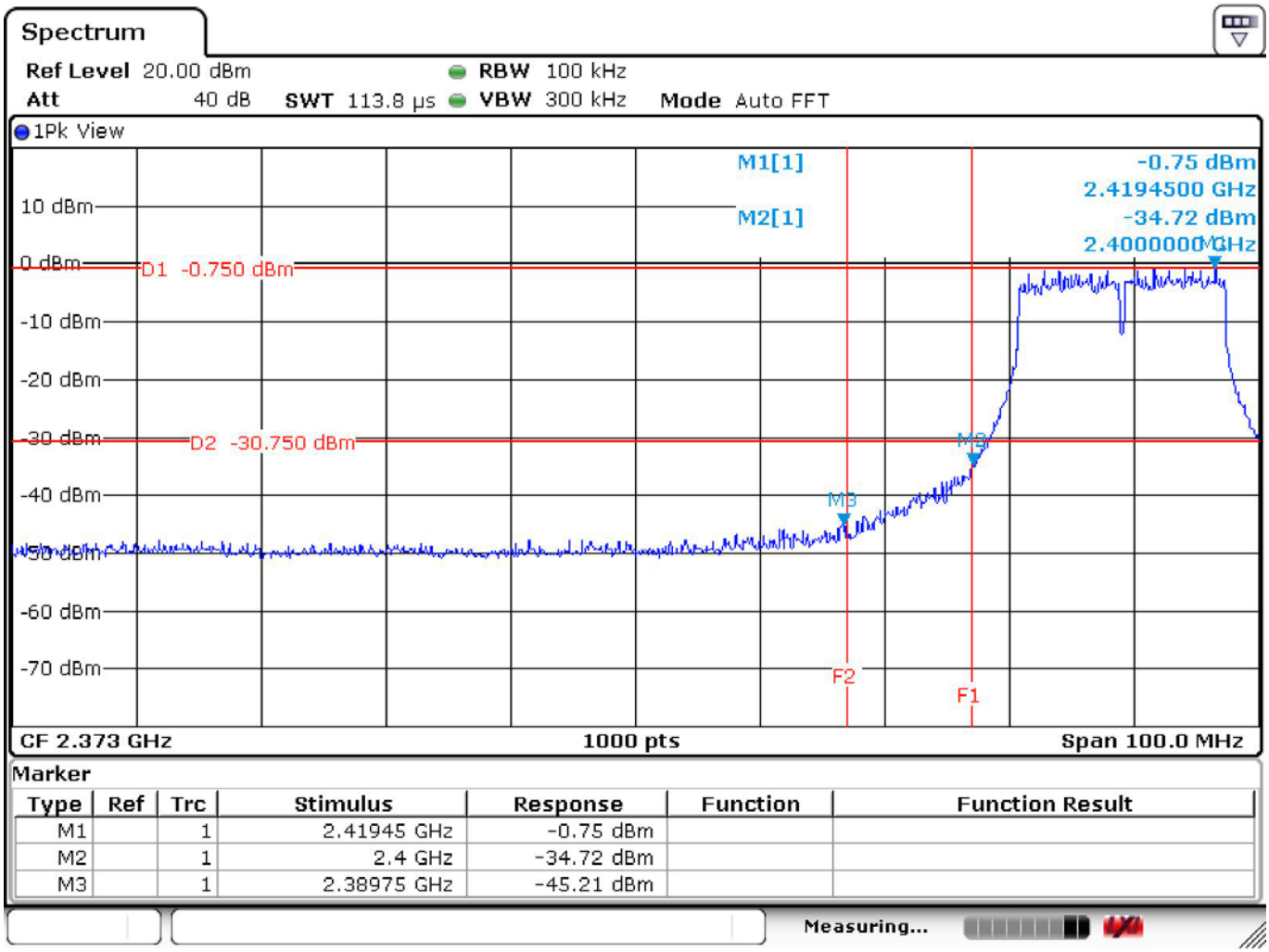
Band-Edge Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 3 (802.11b)	Channel	:	CH11 (2462 MHz)



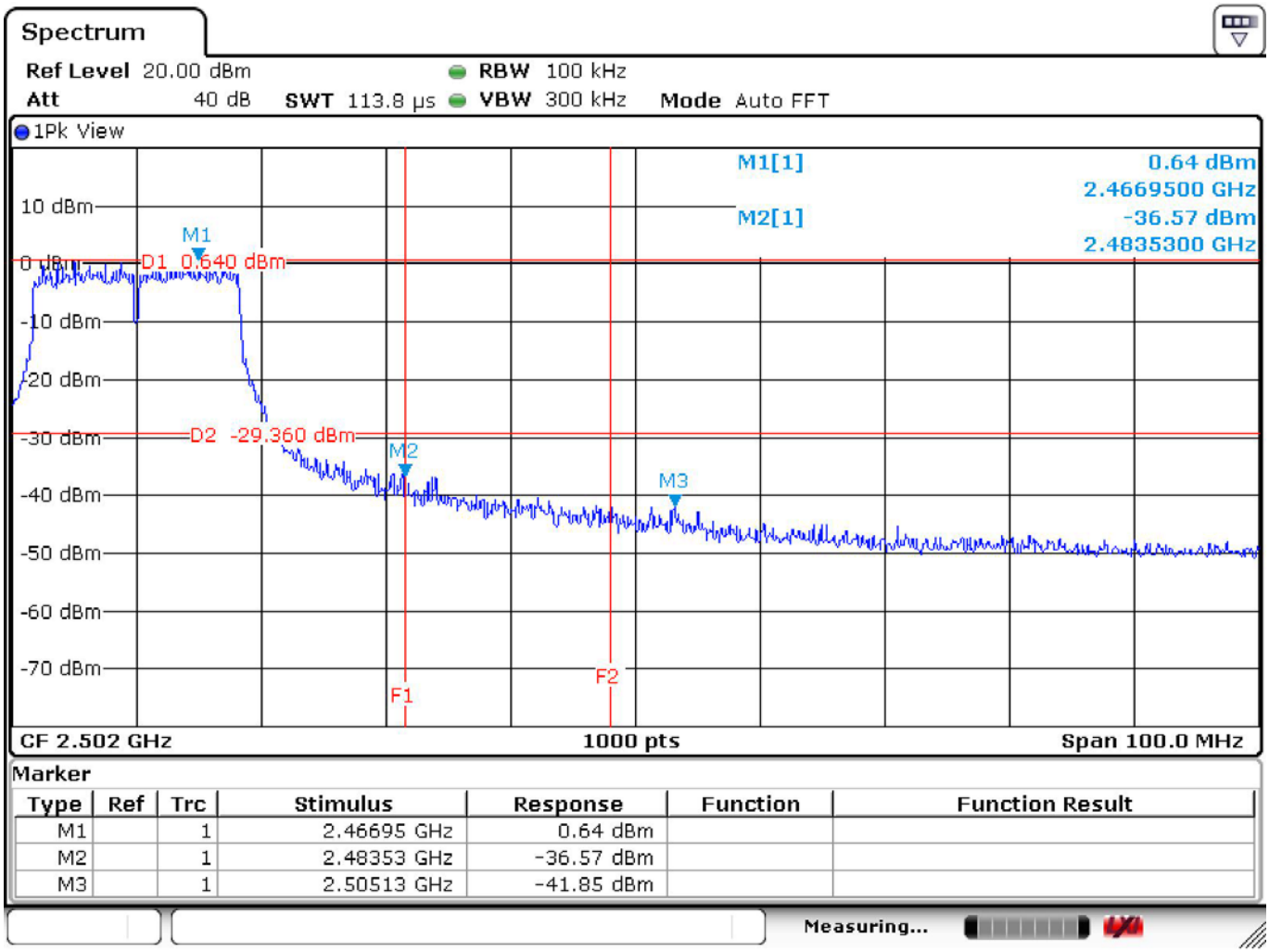
Band-Edge Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 4 (802.11g)	Channel	:	CH01 (2412 MHz)



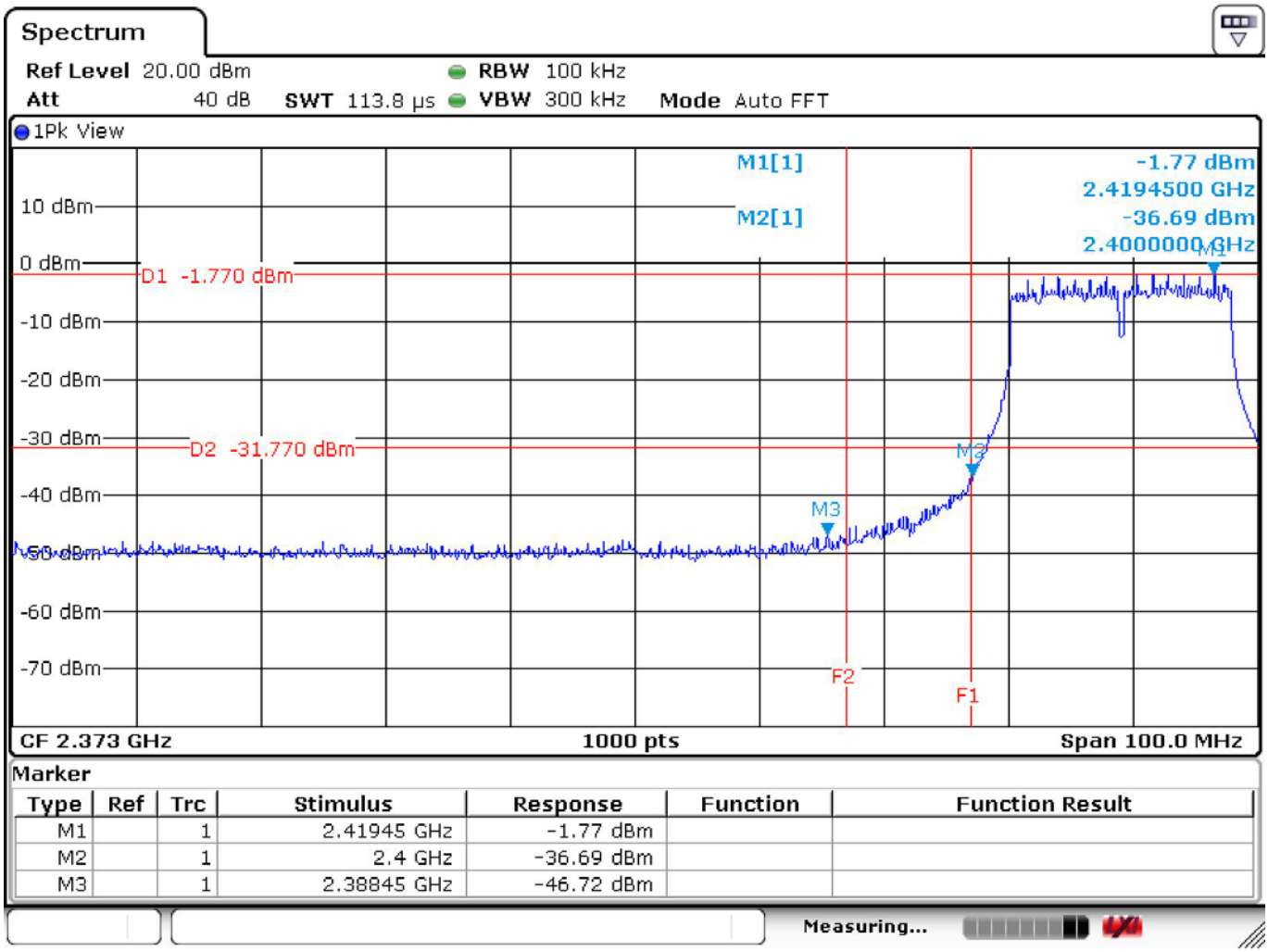
Band-Edge Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 6 (802.11g)	Channel	:	CH11 (2462 MHz)



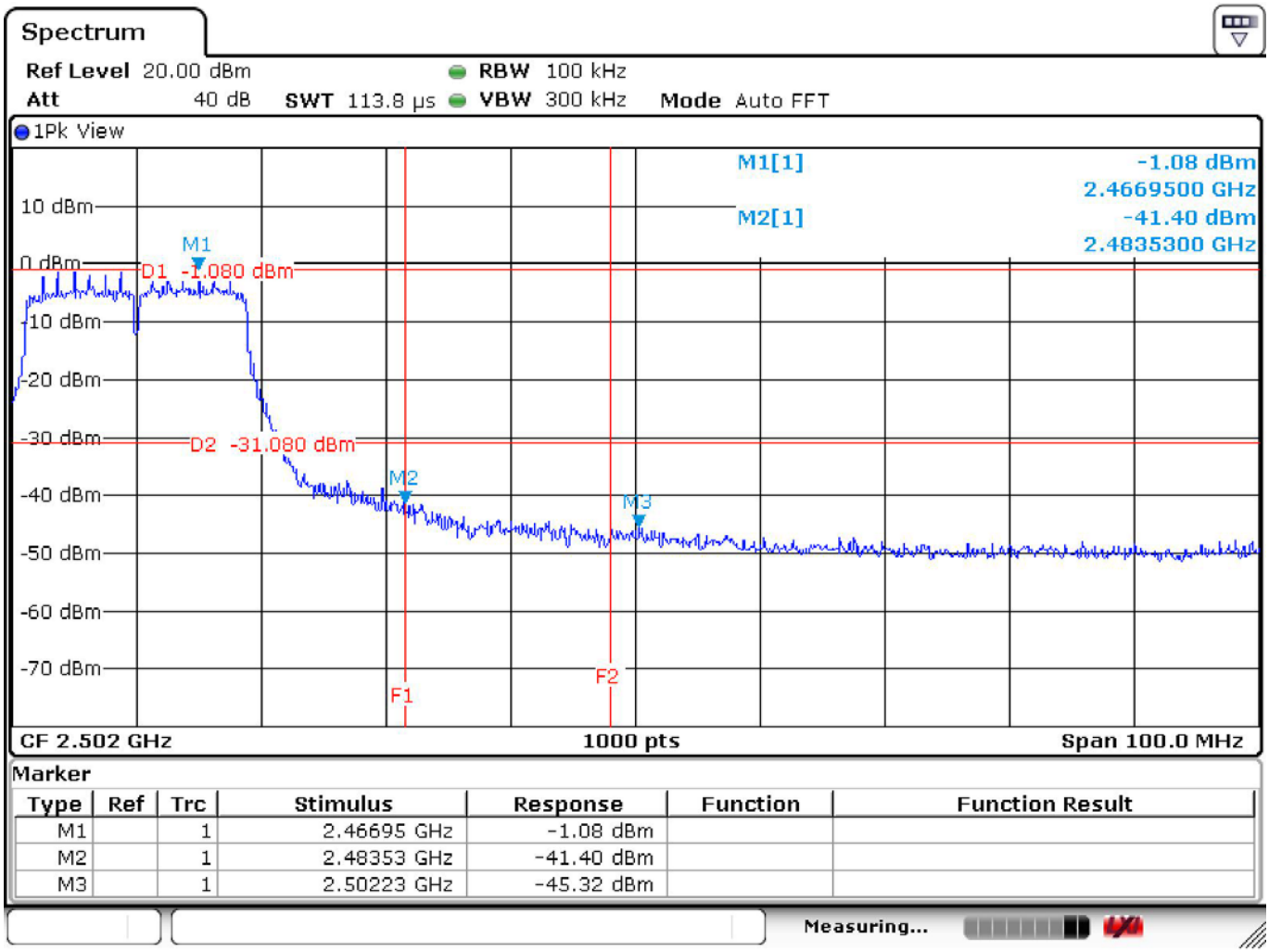
Band-Edge Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 7 (802.11n 20M)	Channel	:	CH01 (2412 MHz)



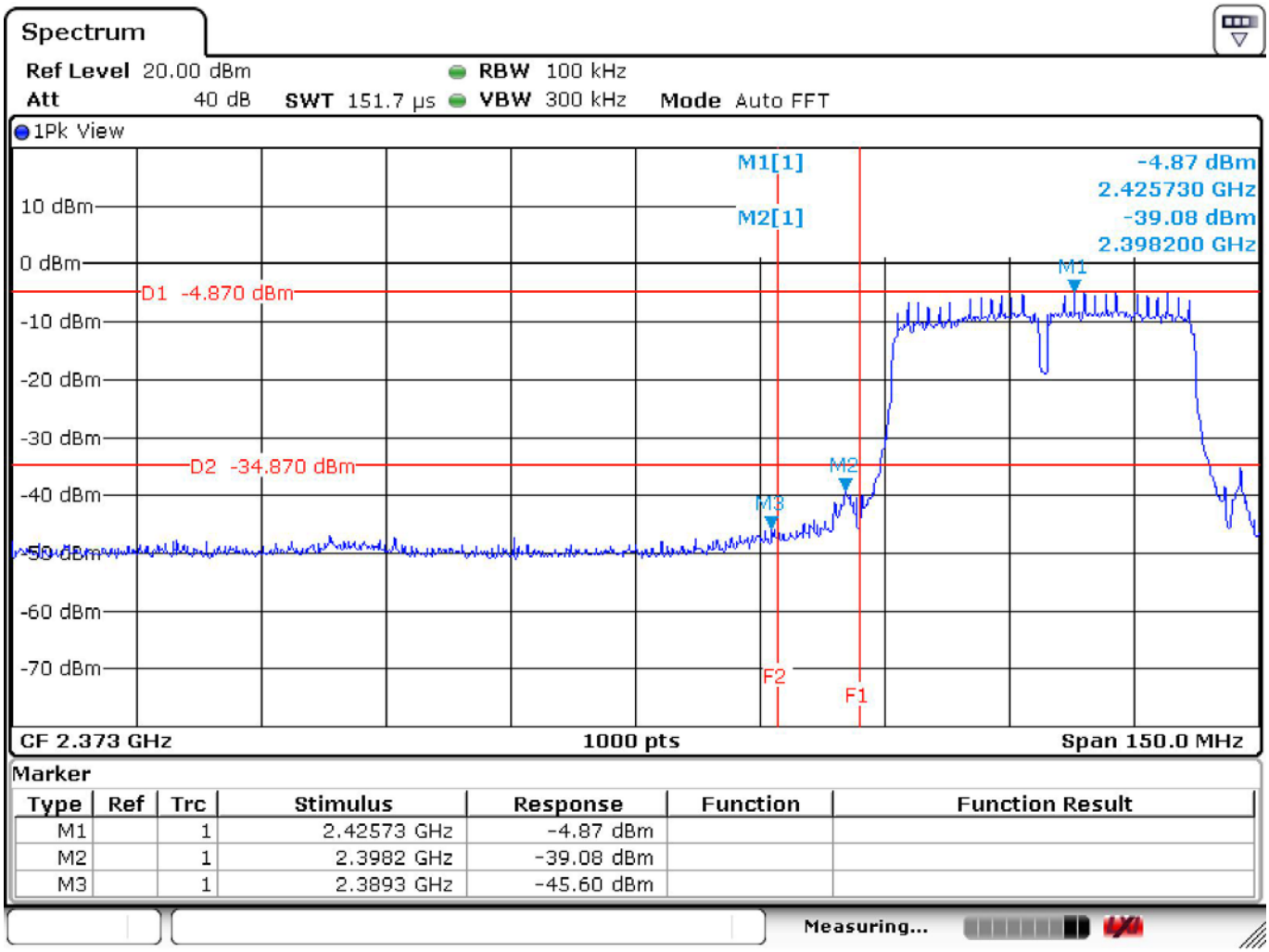
Band-Edge Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 9 (802.11n 20M)	Channel	:	CH11 (2462 MHz)



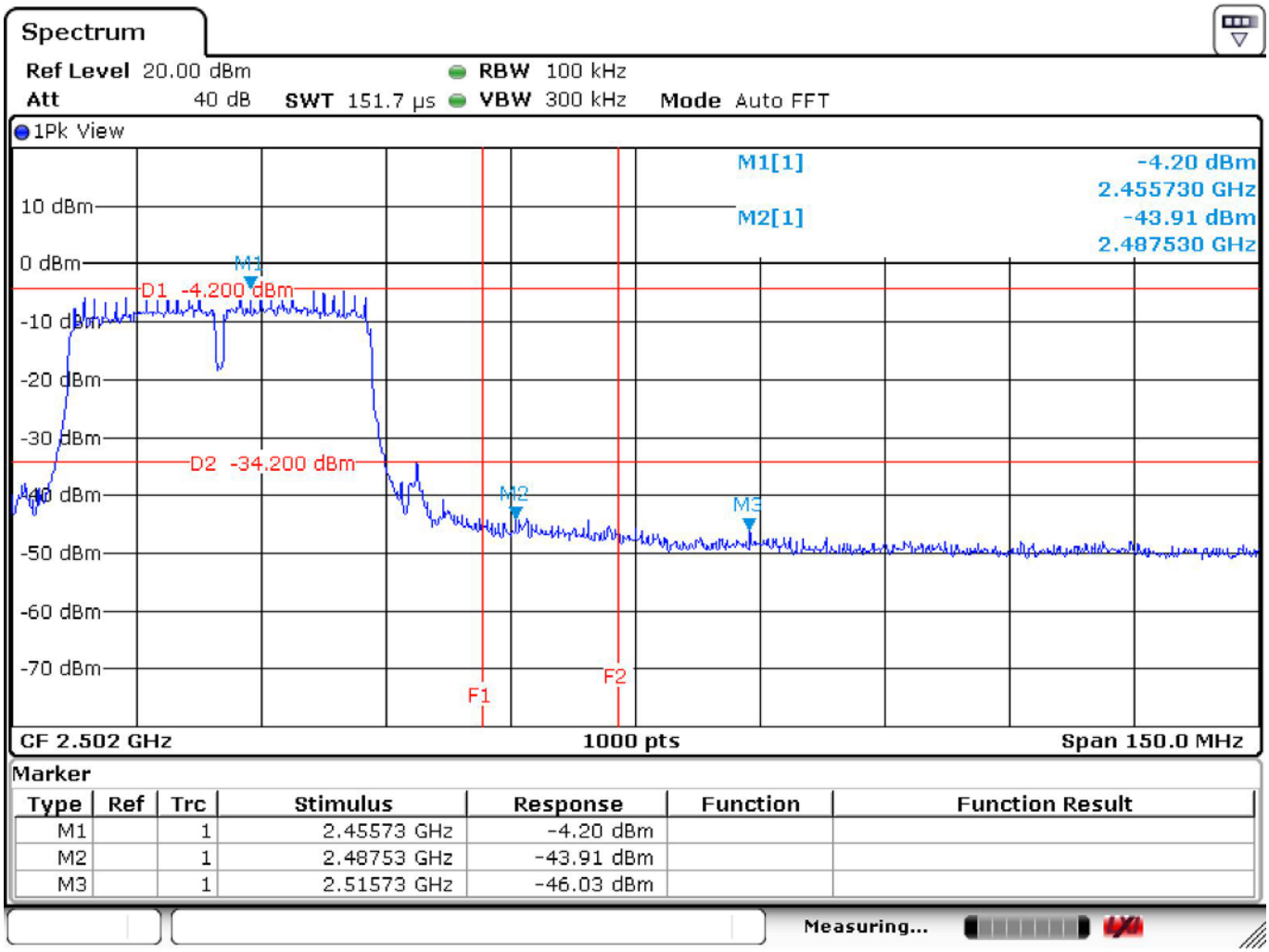
Band-Edge Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 10 (802.11n 40M)	Channel	:	CH03 (2422 MHz)



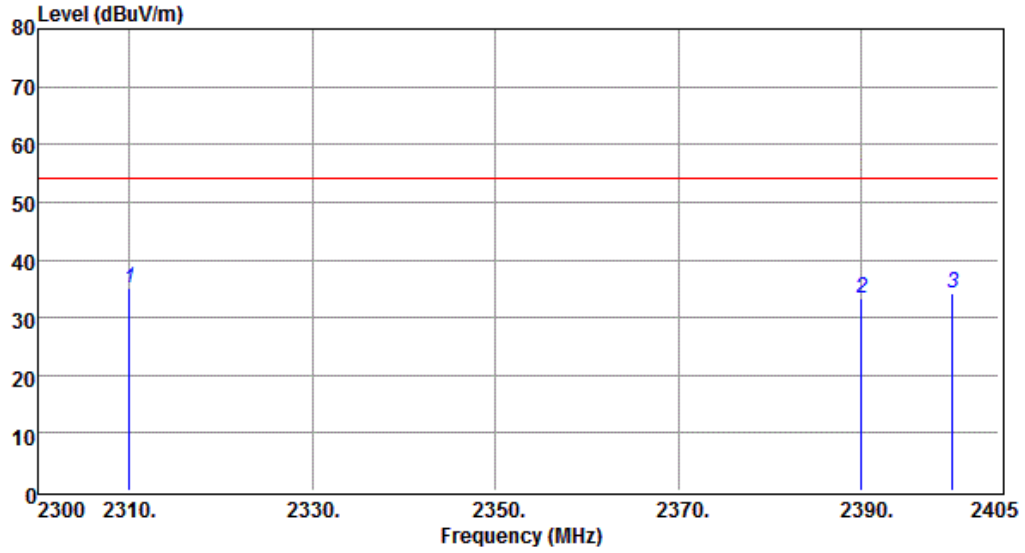
Band-Edge Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 12 (802.11n 40M)	Channel	:	CH09 (2452 MHz)



Radiated Emission in the Restricted Band Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 1 (802.11b)	Channel	:	CH01 (2412 MHz)
Polarization	:	Horizontal			

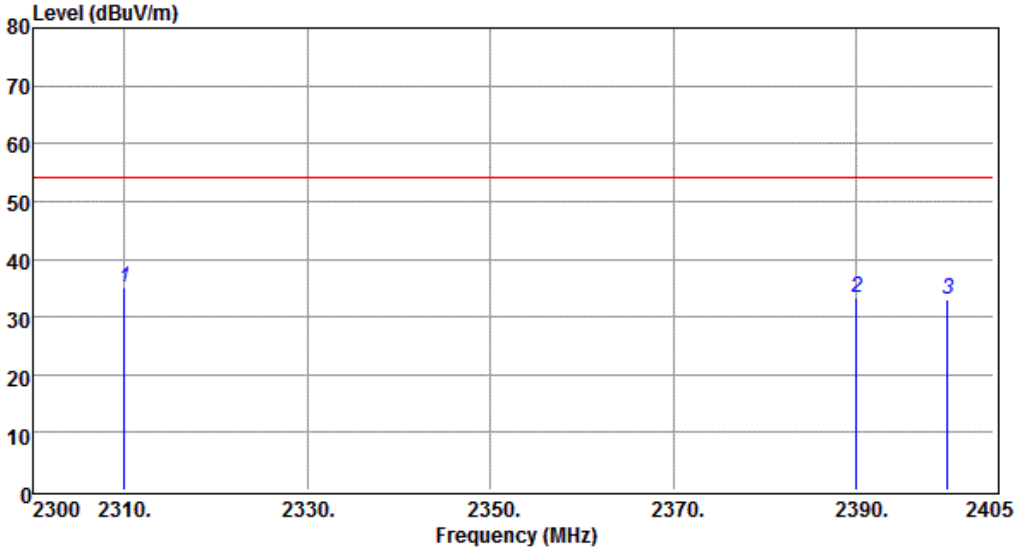


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2309.98	42.86	-7.88	34.98	54.00	-19.02	----------	----------	HORIZONTAL	Peak
2390.00	40.92	-7.63	33.29	54.00	-20.71	----------	----------	HORIZONTAL	Peak
2400.00	41.69	-7.63	34.06	54.00	-19.94	----------	----------	HORIZONTAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 1 (802.11b)	Channel	:	CH01 (2412 MHz)
Polarization	:	Vertical			

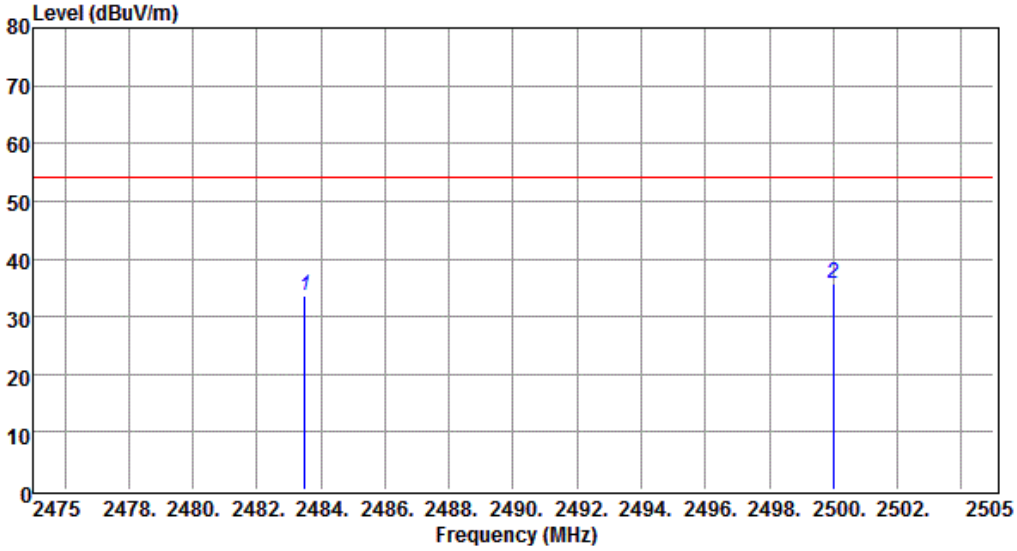


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2310.00	43.03	-7.88	35.15	54.00	-18.85	----------	----------	VERTICAL	Peak
2390.00	41.03	-7.63	33.40	54.00	-20.60	----------	----------	VERTICAL	Peak
2399.96	40.55	-7.63	32.92	54.00	-21.08	----------	----------	VERTICAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 3 (802.11b)	Channel	:	CH11 (2462 MHz)
Polarization	:	Horizontal			

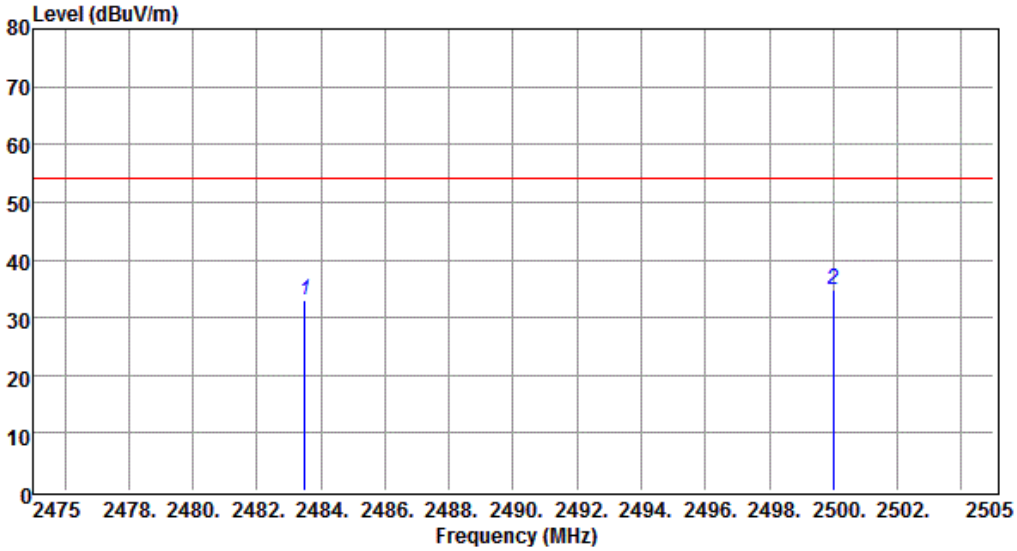


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2483.50	41.11	-7.39	33.72	54.00	-20.28	----------	----------	HORIZONTAL	Peak
2499.99	42.90	-7.33	35.57	54.00	-18.43	----------	----------	HORIZONTAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 3 (802.11b)	Channel	:	CH11 (2462 MHz)
Polarization	:	Vertical			

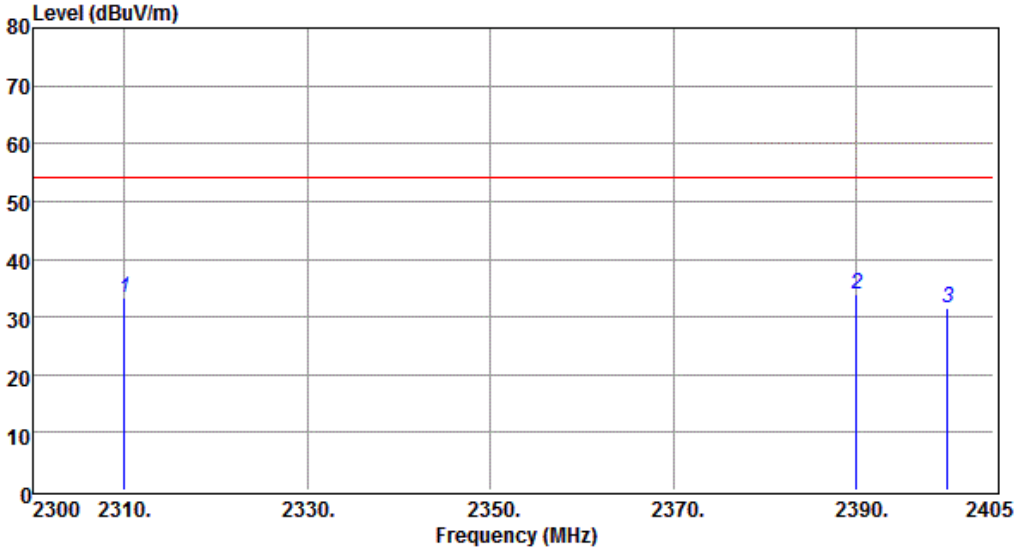


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2483.49	40.31	-7.39	32.92	54.00	-21.08	----------	----------	VERTICAL	Peak
2500.00	42.13	-7.33	34.80	54.00	-19.20	----------	----------	VERTICAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 4 (802.11g)	Channel	:	CH01 (2412 MHz)
Polarization	:	Horizontal			

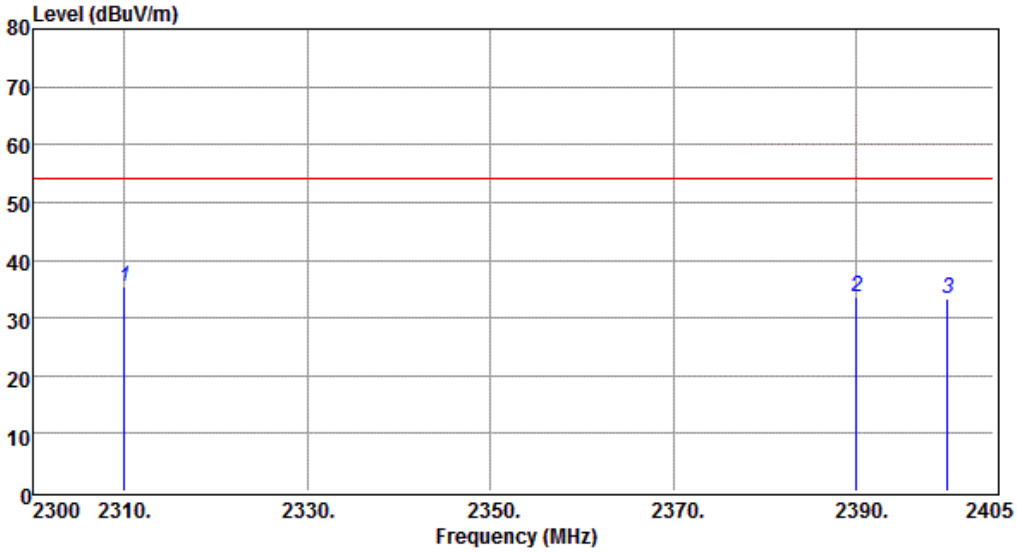


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2310.00	41.12	-7.88	33.24	54.00	-20.76			HORIZONTAL	Peak
2390.00	41.62	-7.63	33.99	54.00	-20.01			HORIZONTAL	Peak
2399.96	39.24	-7.63	31.61	54.00	-22.39			HORIZONTAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 4 (802.11g)	Channel	:	CH01 (2412 MHz)
Polarization	:	Vertical			

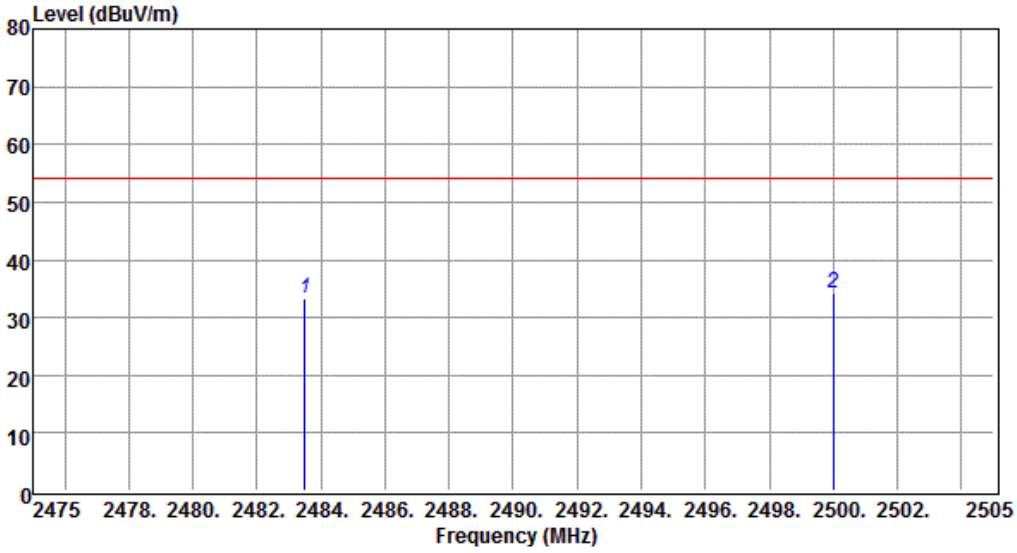


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2309.98	43.18	-7.88	35.30	54.00	-18.70	----------	----------	VERTICAL	Peak
2390.00	41.15	-7.63	33.52	54.00	-20.48	----------	----------	VERTICAL	Peak
2400.00	40.81	-7.63	33.18	54.00	-20.82	----------	----------	VERTICAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 6 (802.11g)	Channel	:	CH11 (2462 MHz)
Polarization	:	Horizontal			

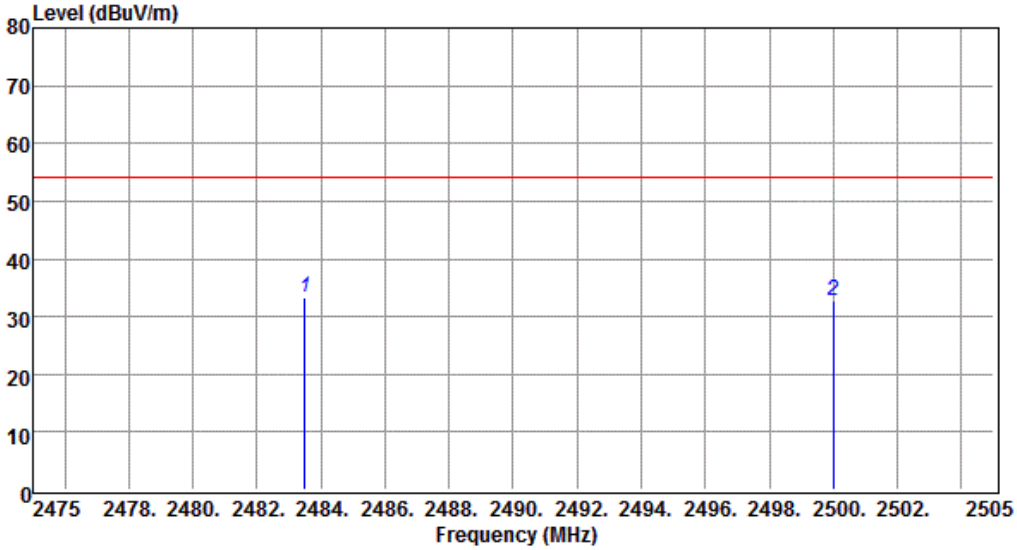


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2483.49	40.76	-7.39	33.37	54.00	-20.63	----------	----------	HORIZONTAL	Peak
2500.00	41.61	-7.33	34.28	54.00	-19.72	----------	----------	HORIZONTAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 6 (802.11g)	Channel	:	CH11 (2462 MHz)
Polarization	:	Vertical			

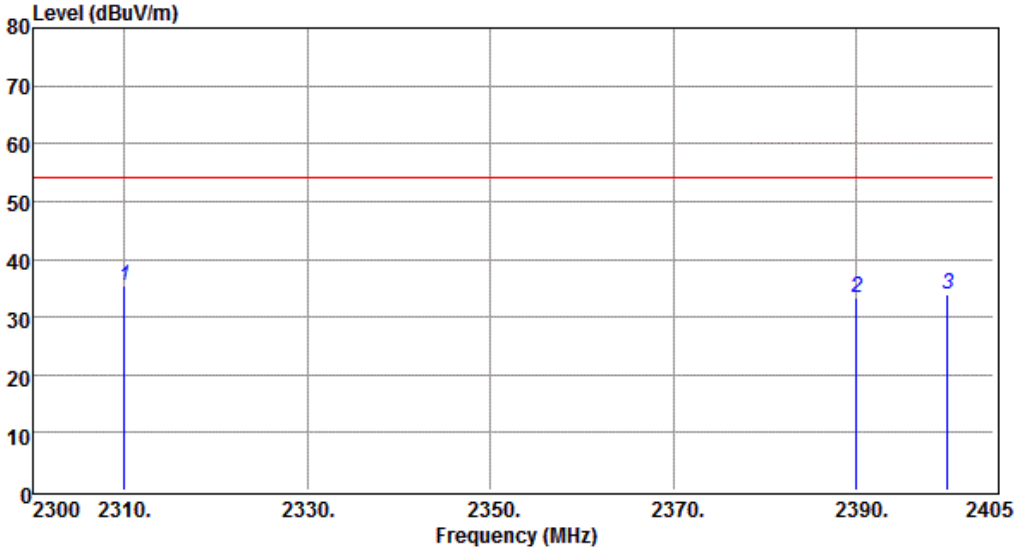


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2483.50	40.82	-7.39	33.43	54.00	-20.57	----------	----------	VERTICAL	Peak
2499.99	40.00	-7.33	32.67	54.00	-21.33	----------	----------	VERTICAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 7 (802.11n 20M)	Channel	:	CH01 (2412 MHz)
Polarization	:	Horizontal			

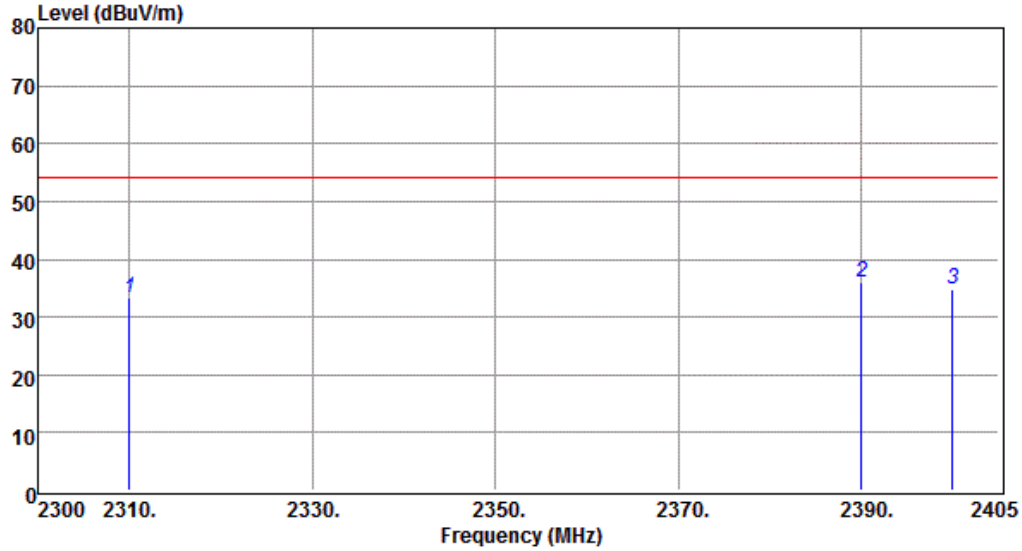


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2309.98	43.32	-7.88	35.44	54.00	-18.56			HORIZONTAL	Peak
2390.00	40.84	-7.63	33.21	54.00	-20.79			HORIZONTAL	Peak
2400.00	41.51	-7.63	33.88	54.00	-20.12			HORIZONTAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 7 (802.11n 20M)	Channel	:	CH01 (2412 MHz)
Polarization	:	Vertical			

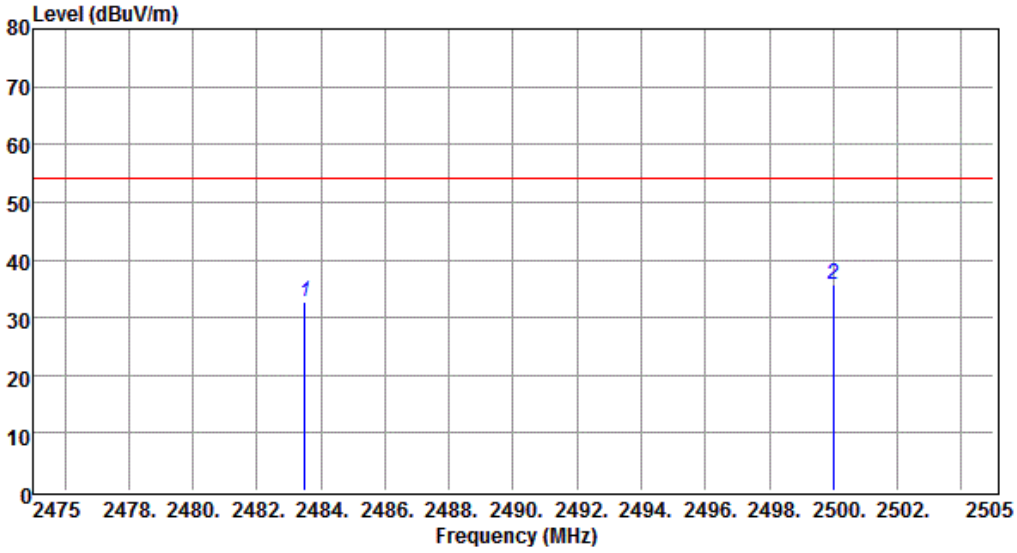


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2310.00	41.04	-7.88	33.16	54.00	-20.84	----------	----------	VERTICAL	Peak
2390.00	43.48	-7.63	35.85	54.00	-18.15	----------	----------	VERTICAL	Peak
2399.96	42.38	-7.63	34.75	54.00	-19.25	----------	----------	VERTICAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 9 (802.11n 20M)	Channel	:	CH11 (2462 MHz)
Polarization	:	Horizontal			

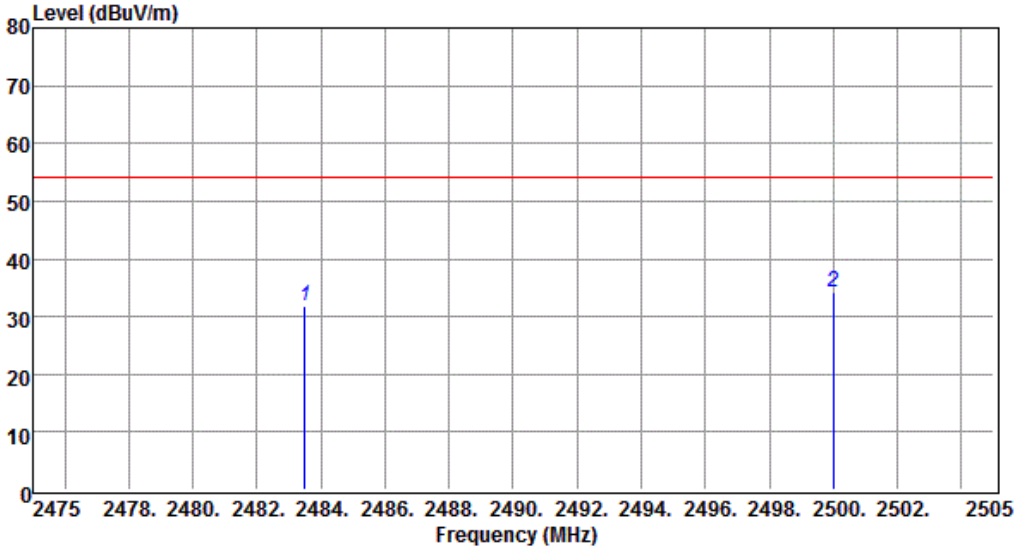


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2483.50	39.99	-7.39	32.60	54.00	-21.40	----------	----------	HORIZONTAL	Peak
2499.99	42.87	-7.33	35.54	54.00	-18.46	----------	----------	HORIZONTAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 9 (802.11n 20M)	Channel	:	CH11 (2462 MHz)
Polarization	:	Vertical			

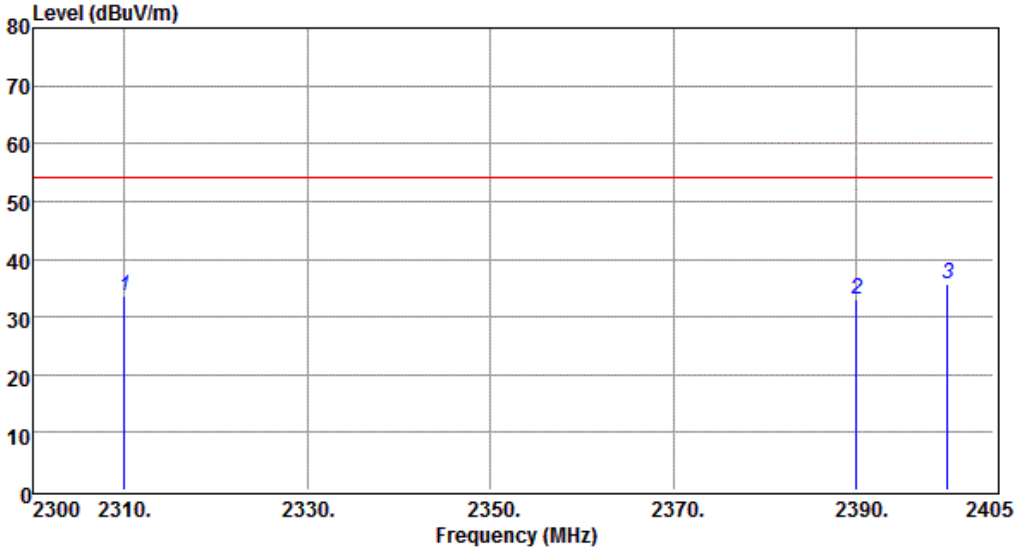


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2483.49	39.25	-7.39	31.86	54.00	-22.14	----------	----------	VERTICAL	Peak
2500.00	41.64	-7.33	34.31	54.00	-19.69	----------	----------	VERTICAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 10 (802.11n 40M)	Channel	:	CH03 (2422 MHz)
Polarization	:	Horizontal			

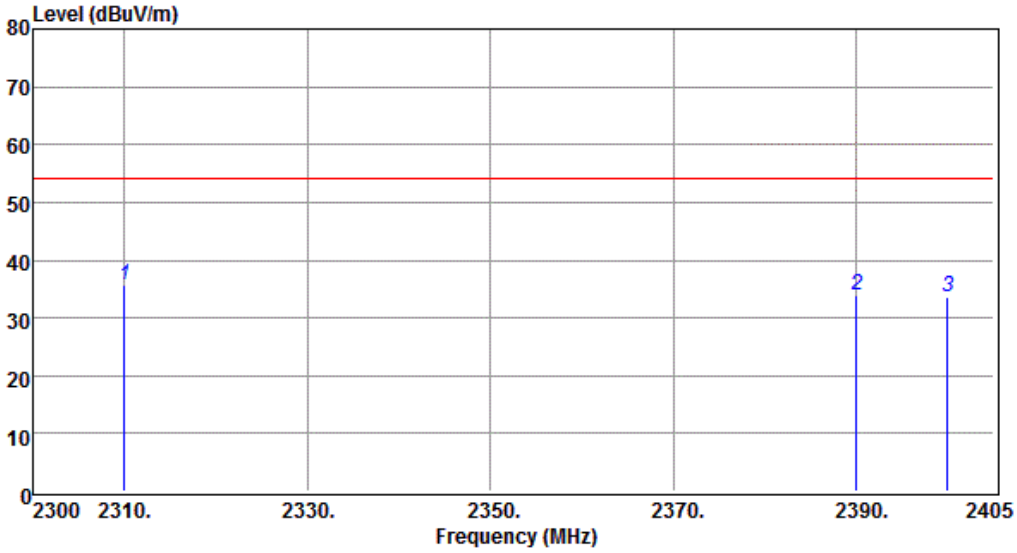


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2310.00	41.35	-7.88	33.47	54.00	-20.53	----------	----------	HORIZONTAL	Peak
2390.00	40.79	-7.63	33.16	54.00	-20.84	----------	----------	HORIZONTAL	Peak
2399.96	43.17	-7.63	35.54	54.00	-18.46	----------	----------	HORIZONTAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Lower Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 10 (802.11n 40M)	Channel	:	CH03 (2422 MHz)
Polarization	:	Vertical			

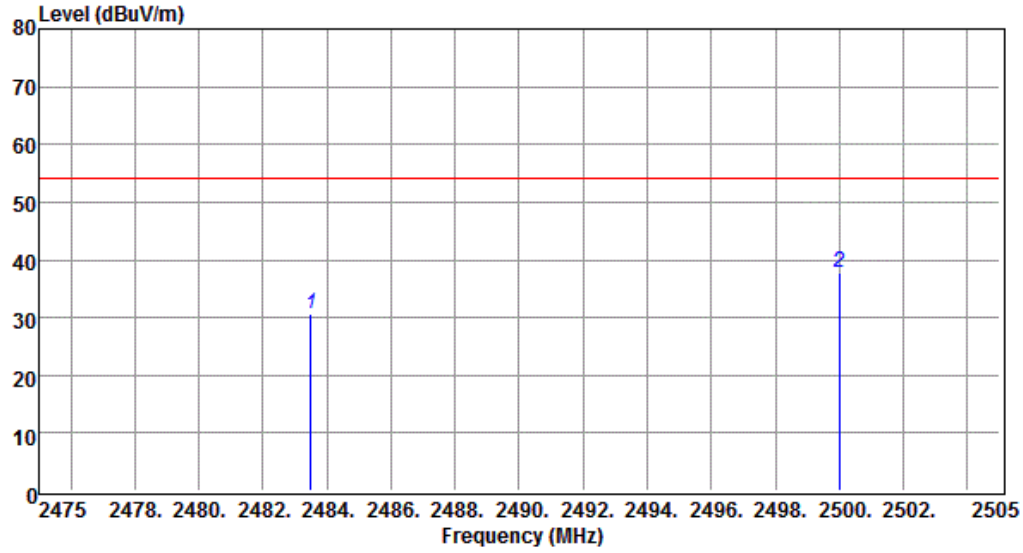


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2309.98	43.44	-7.88	35.56	54.00	-18.44	----------	----------	VERTICAL	Peak
2390.00	41.61	-7.63	33.98	54.00	-20.02	----------	----------	VERTICAL	Peak
2400.00	41.12	-7.63	33.49	54.00	-20.51	----------	----------	VERTICAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 12 (802.11n 40M)	Channel	:	CH09 (2452 MHz)
Polarization	:	Horizontal			

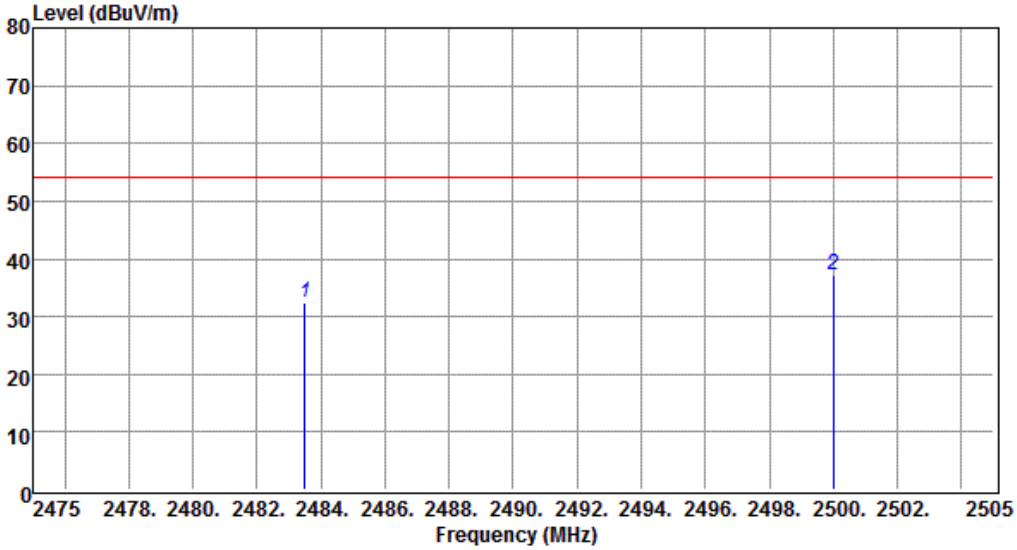


Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2483.49	38.01	-7.39	30.62	54.00	-23.38	----------	----------	HORIZONTAL	Peak
2500.00	44.99	-7.33	37.66	54.00	-16.34	----------	----------	HORIZONTAL	Peak

Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

Radiated Emission in the Restricted Band Test Data (Upper Edge)

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 12 (802.11n 40M)	Channel	:	CH09 (2452 MHz)
Polarization	:	Vertical			



Freq	Reading	C.F	Result	Limit	Margin	A/H	T/P	Polarity	Remark
MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	deg		
2483.50	39.79	-7.39	32.40	54.00	-21.60	----------	----------	VERTICAL	Peak
2499.99	44.62	-7.33	37.29	54.00	-16.71	----------	----------	VERTICAL	Peak

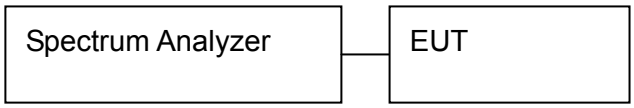
Note1: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain
Note2: Margin = Result - Limit

7 Power Spectral Density

7.1 Test Instruments

Refer to Sec. 1.2 Test Instruments.

7.2 Test Arrangement



7.3 Test Procedure

1. Connect the EUT to spectrum analyzer through appropriate attenuator.
2. Spectrum setting; RMB = 3 kHz; VBW = 10 kHz; Span = 1.5 times DTS bandwidth; Sweep Time = 2.5 mSec.
3. Trace = Max Hold.
4. Test method in Section 11.10.2 of ANSI C63.10 (2013) was used to measure the power spectral density.

7.4 Limit (§ 15.247(e))

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.5 Test Result

Compliance

The final test data are shown on the following page(s).

Test Mode : 802.11b

Test Channel	Frequency (MHz)	Reading (dBm)	Limit (dBm/ 3kHz)
1	2412	-11.06	8
6	2437	-10.01	8
11	2462	-8.12	8

Test Mode : 802.11g

Test Channel	Frequency (MHz)	Reading (dBm)	Limit (dBm/ 3kHz)
1	2412	-14.32	8
6	2437	-13.07	8
11	2462	-12.37	8

Test Mode : 802.11n HT(20)

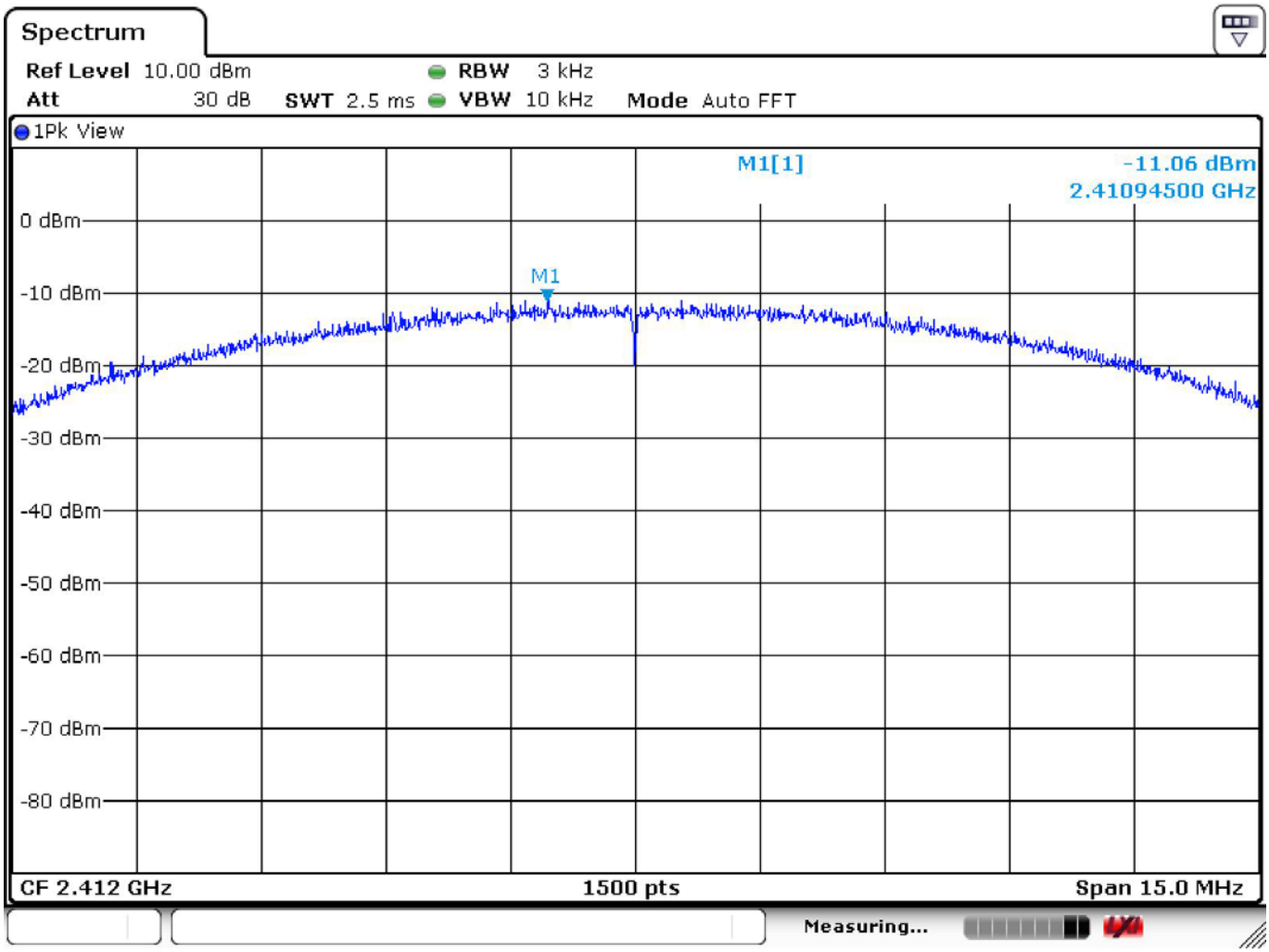
Test Channel	Frequency (MHz)	Reading (dBm)	Limit (dBm/ 3kHz)
1	2412	-15.59	8
6	2437	-13.71	8
11	2462	-13.70	8

Test Mode : 802.11n HT(40)

Test Channel	Frequency (MHz)	Reading (dBm)	Limit (dBm/ 3kHz)
3	2422	-17.87	8
6	2437	-16.67	8
9	2452	-17.42	8

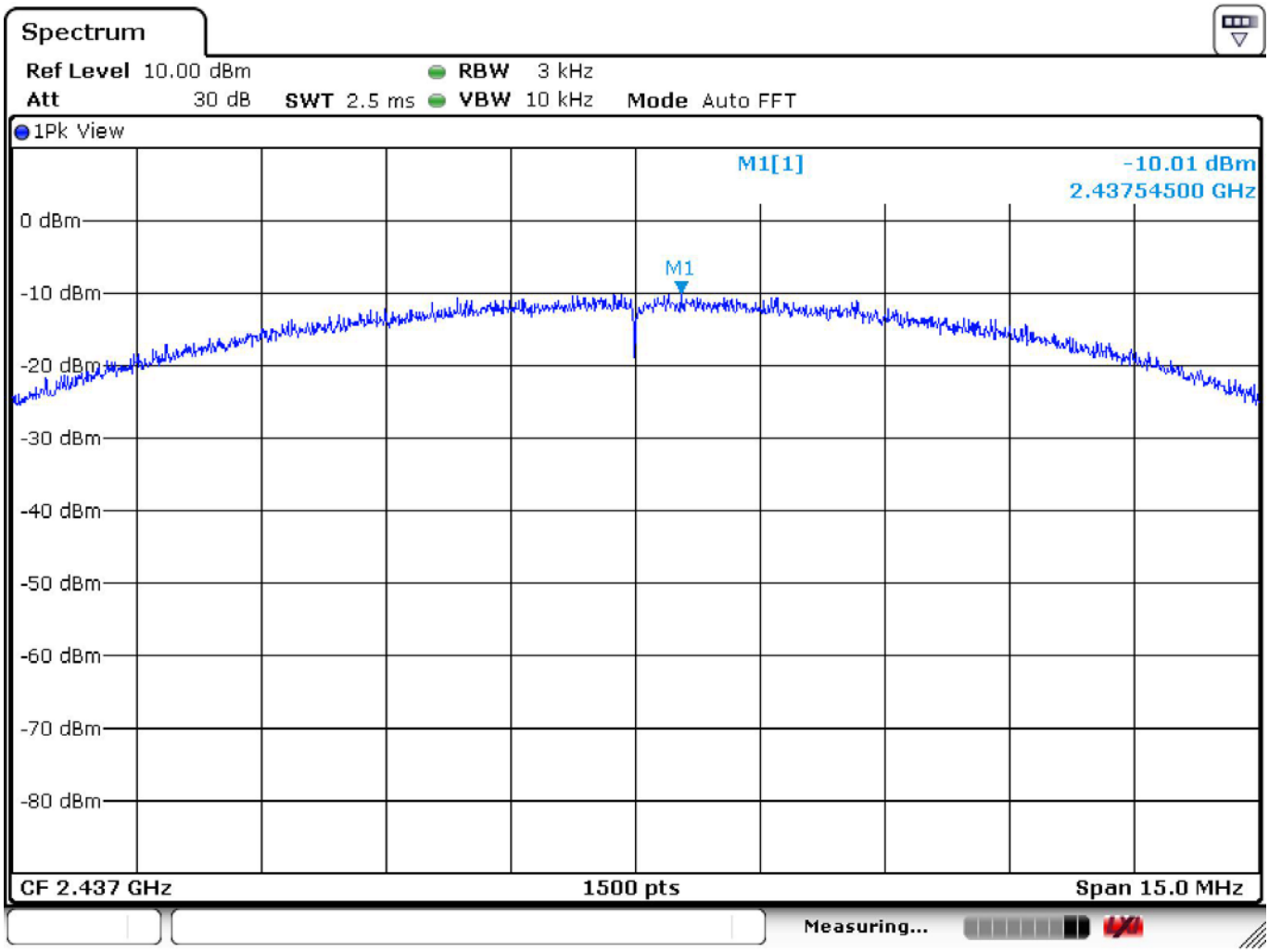
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 1	Channel	:	CH01 (2412 MHz)



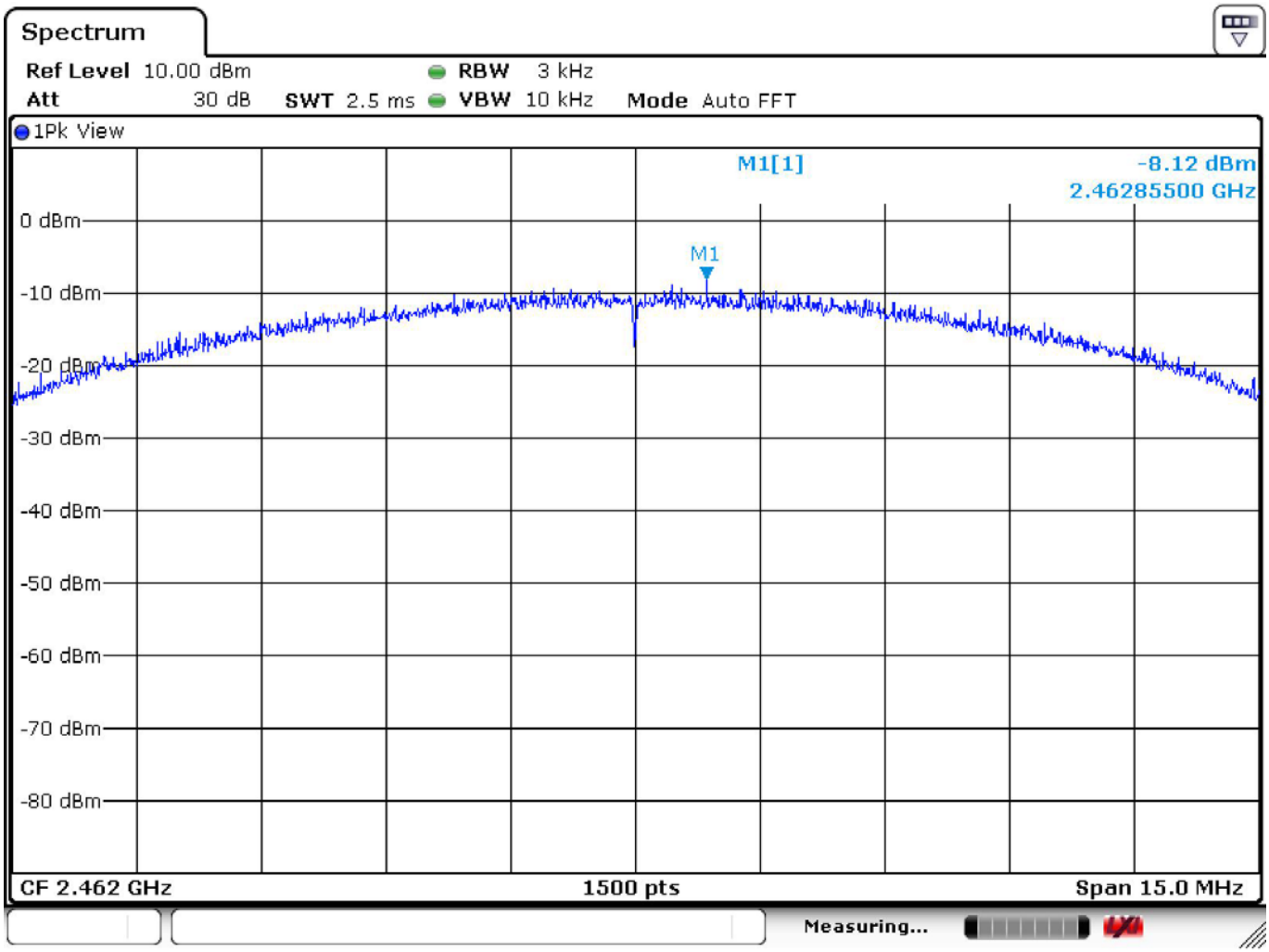
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 2	Channel	:	CH06 (2437 MHz)



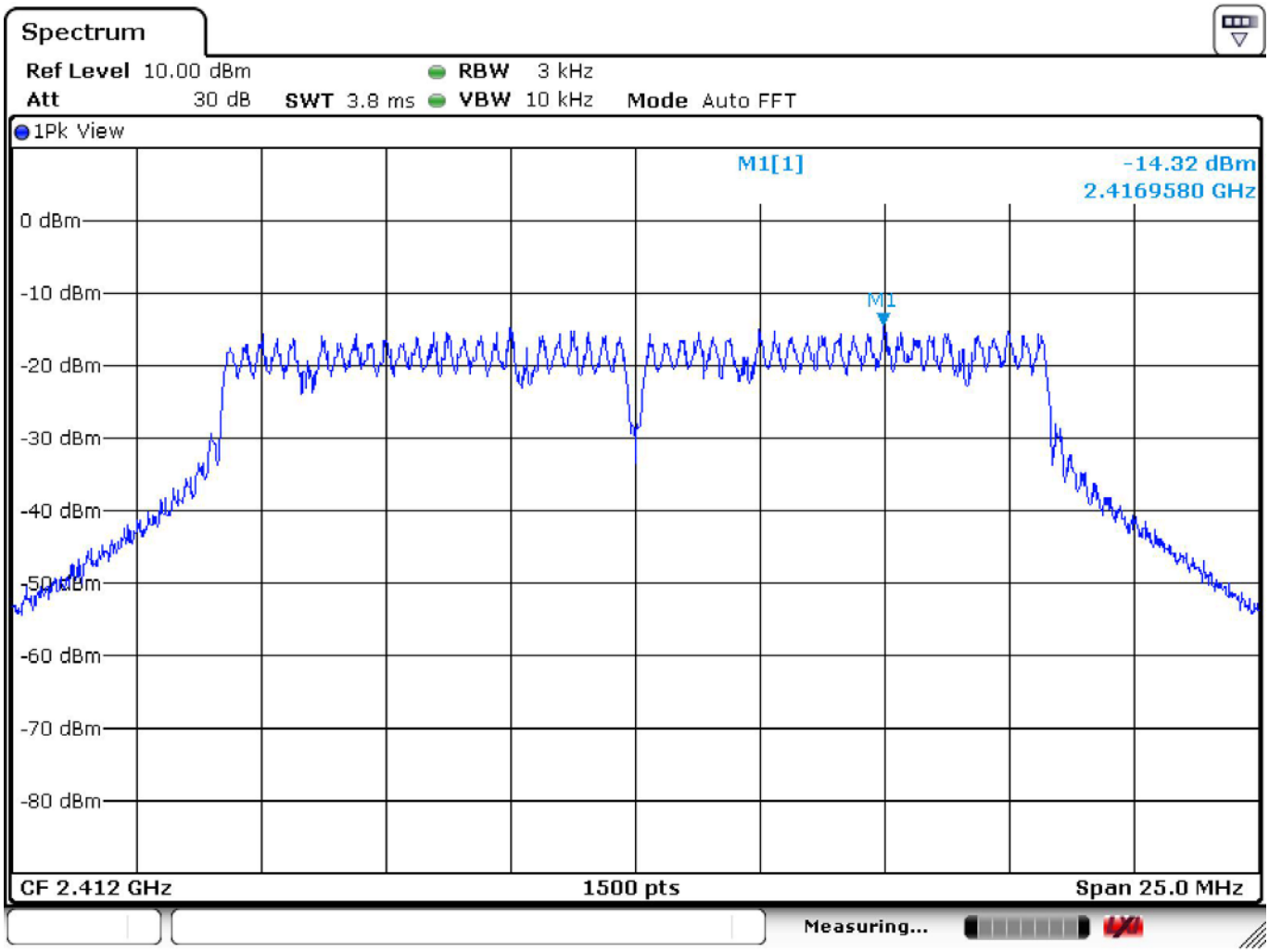
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 3	Channel	:	CH11 (2462 MHz)



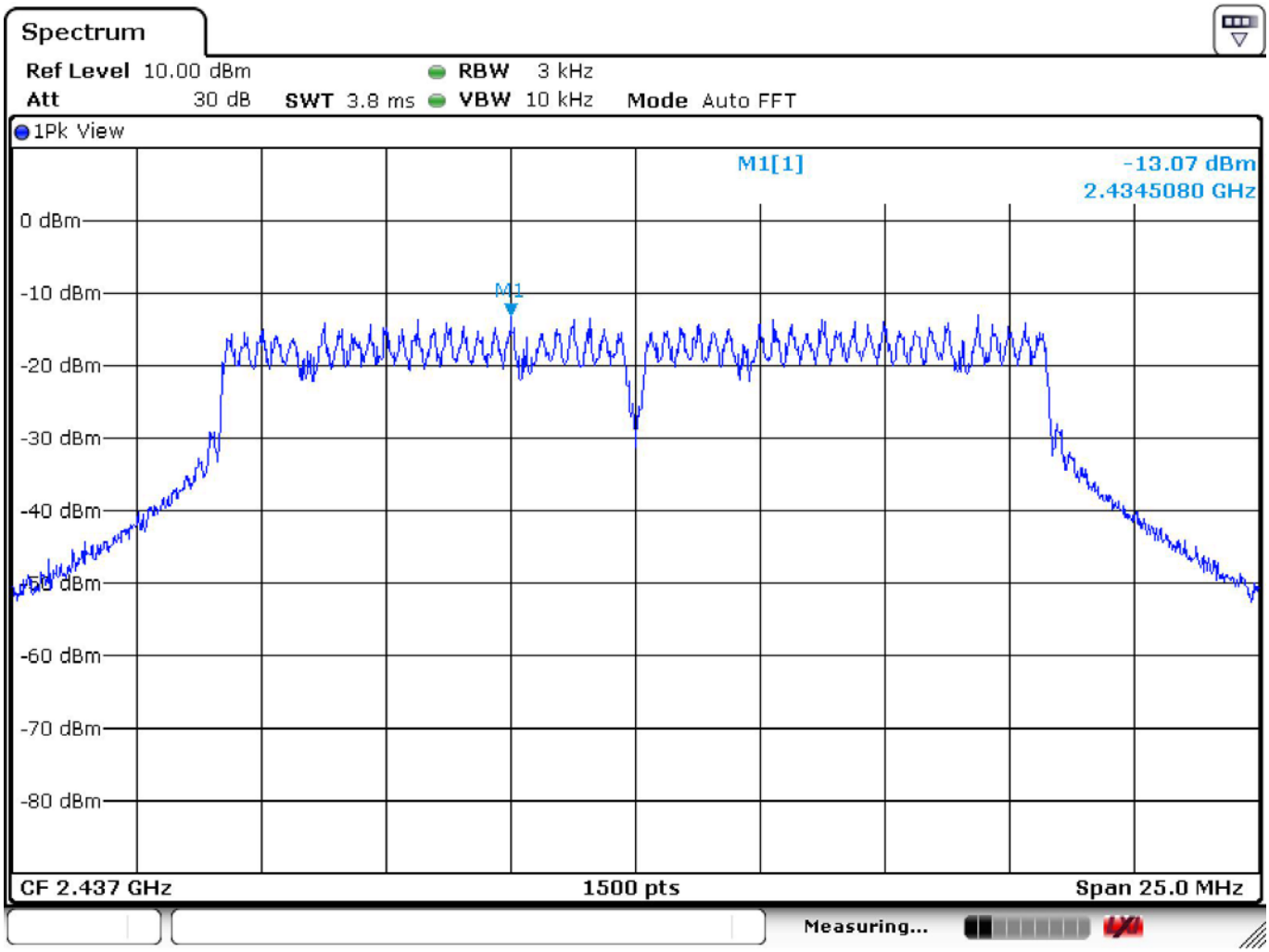
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 4	Channel	:	CH01 (2412 MHz)



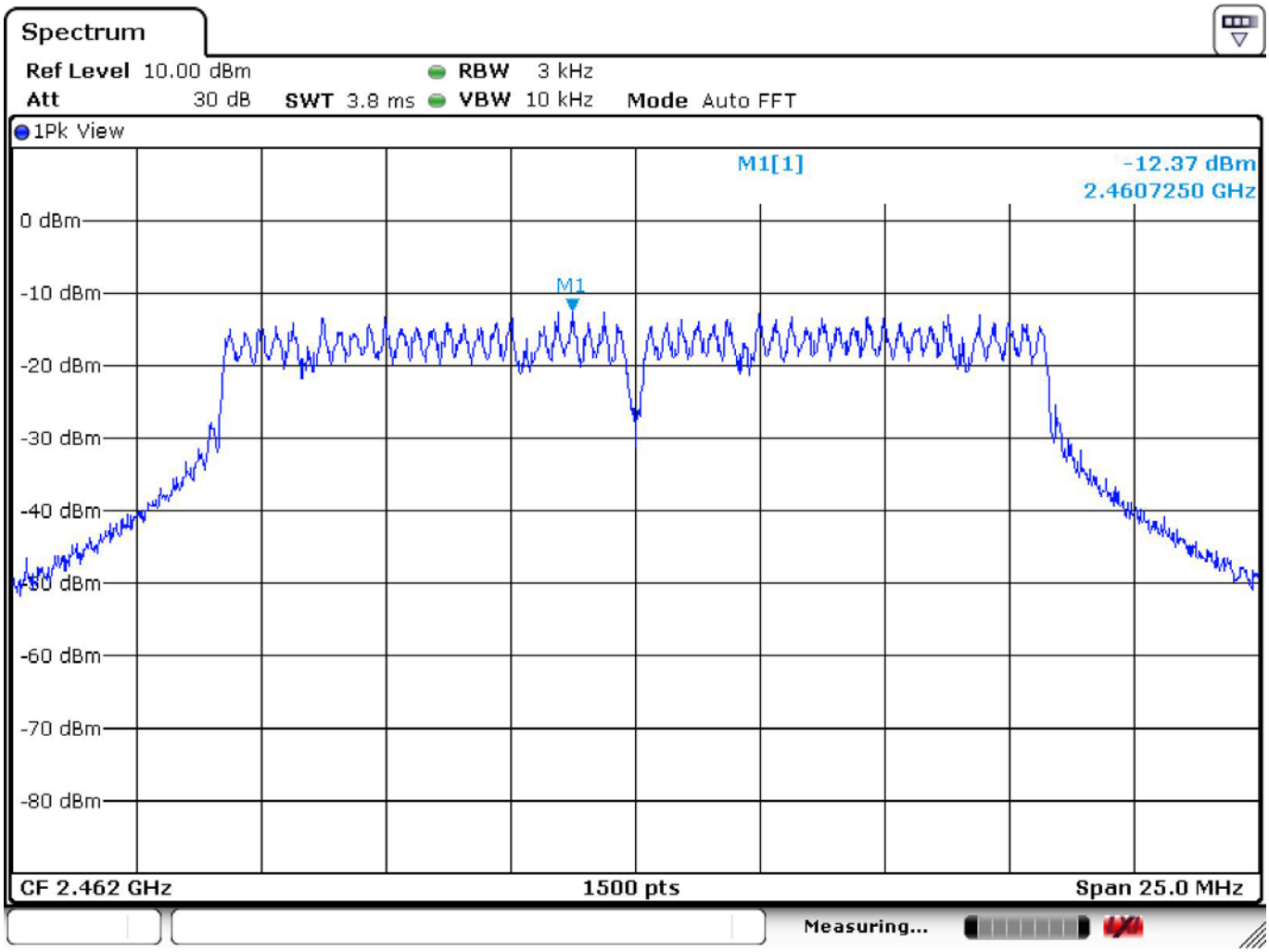
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 5	Channel	:	CH06 (2437 MHz)



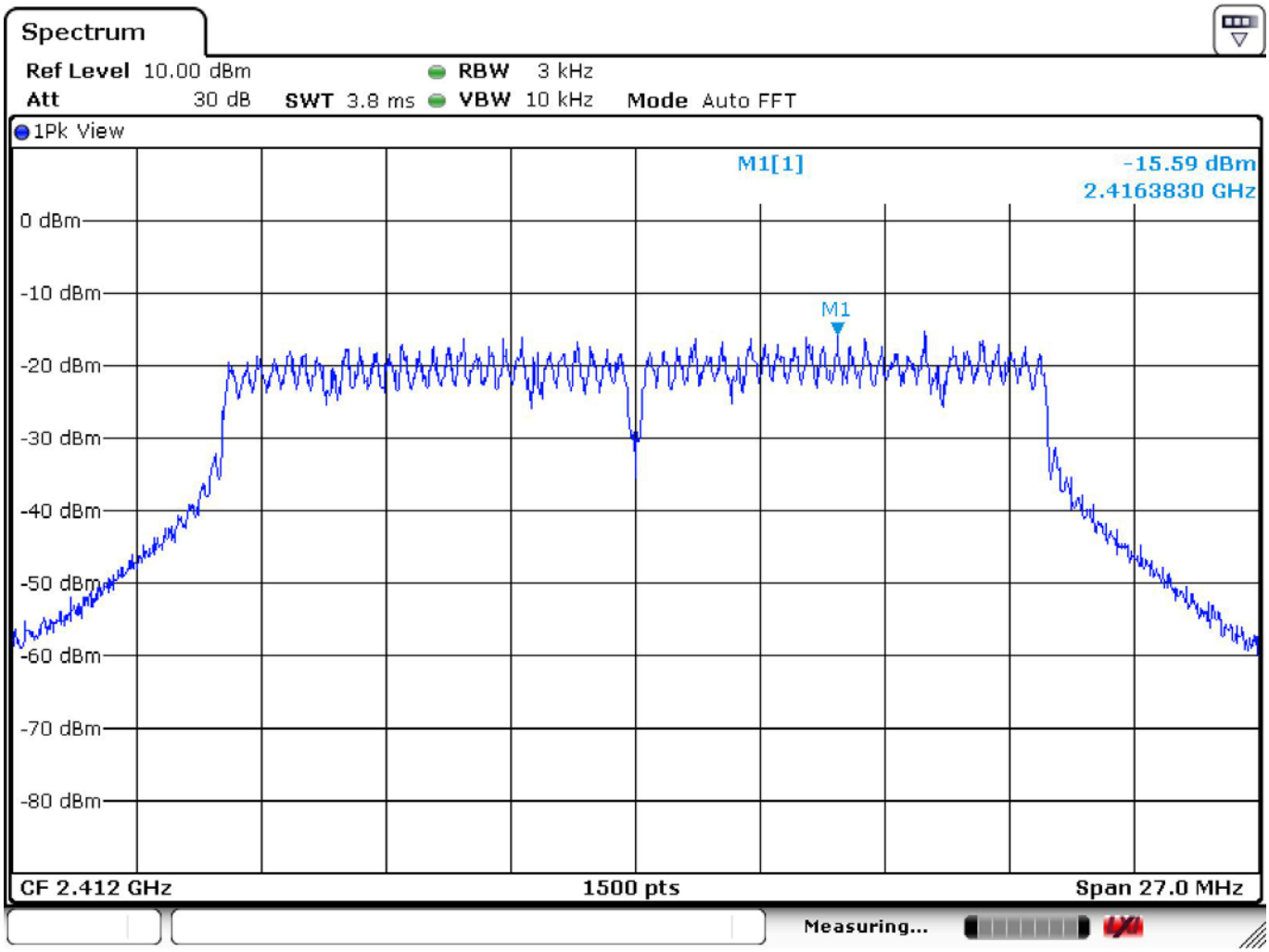
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 6	Channel	:	CH11 (2462 MHz)



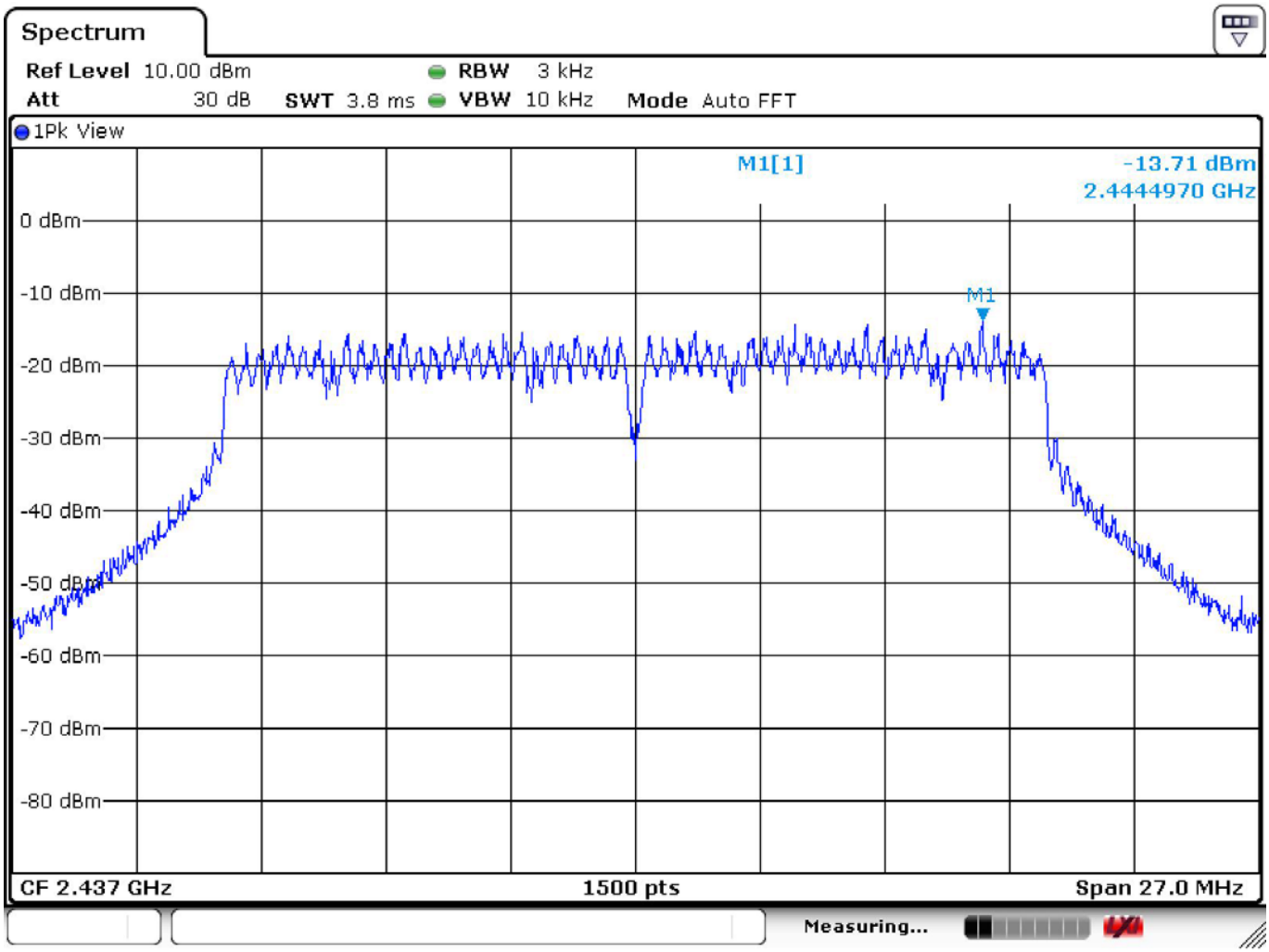
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 7	Channel	:	CH01 (2412 MHz)



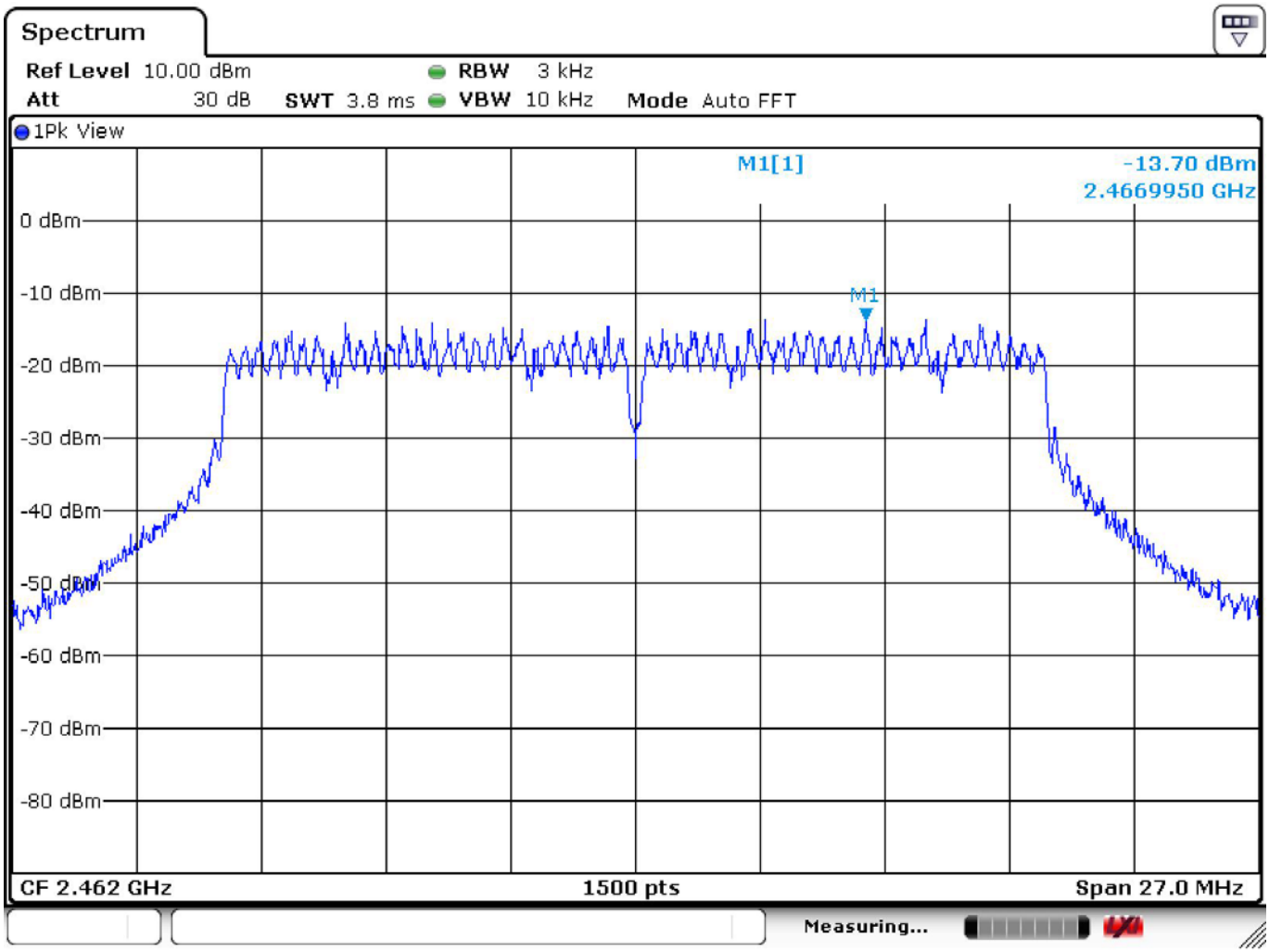
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 8	Channel	:	CH06 (2437 MHz)



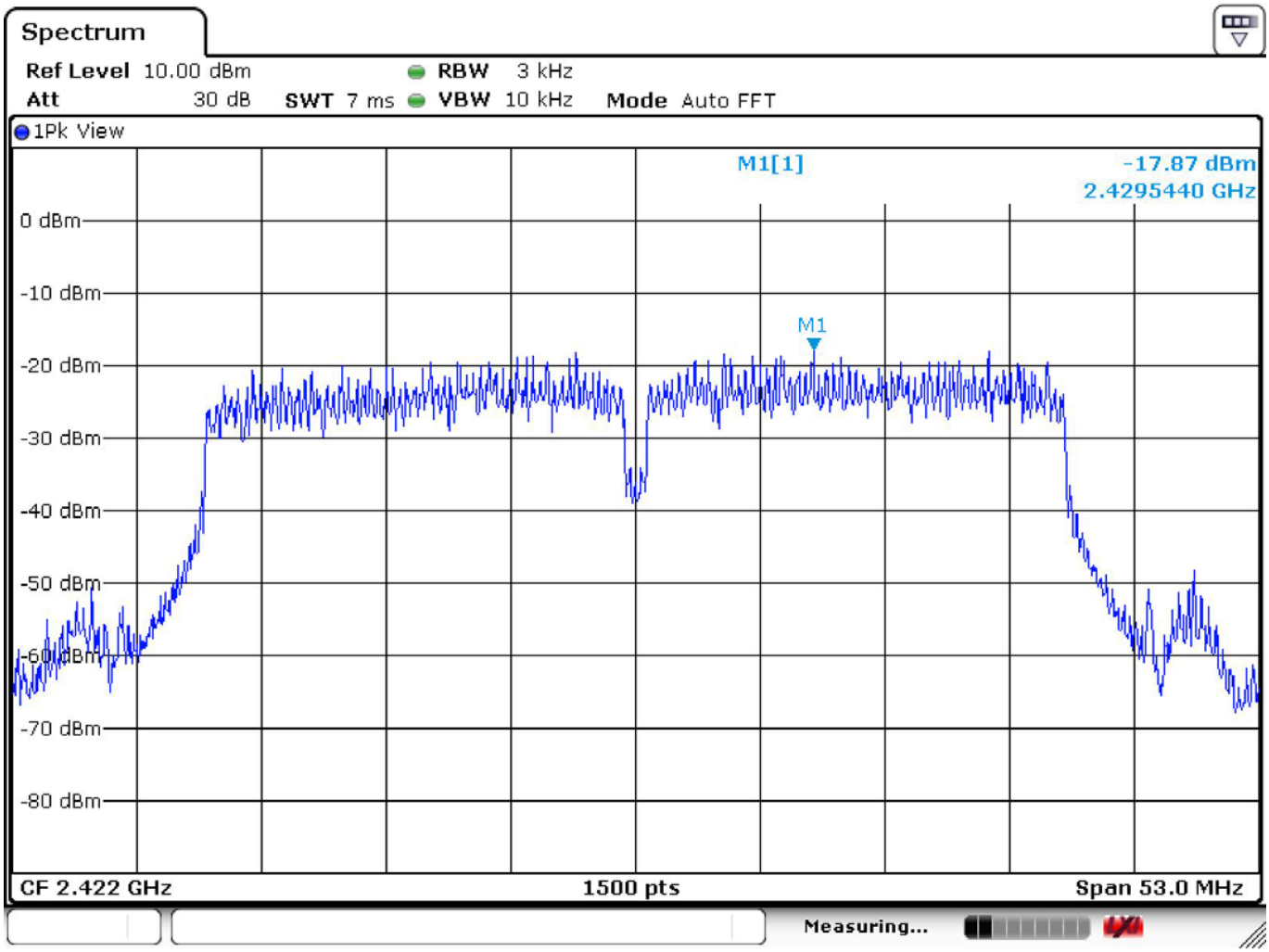
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 9	Channel	:	CH11 (2462 MHz)



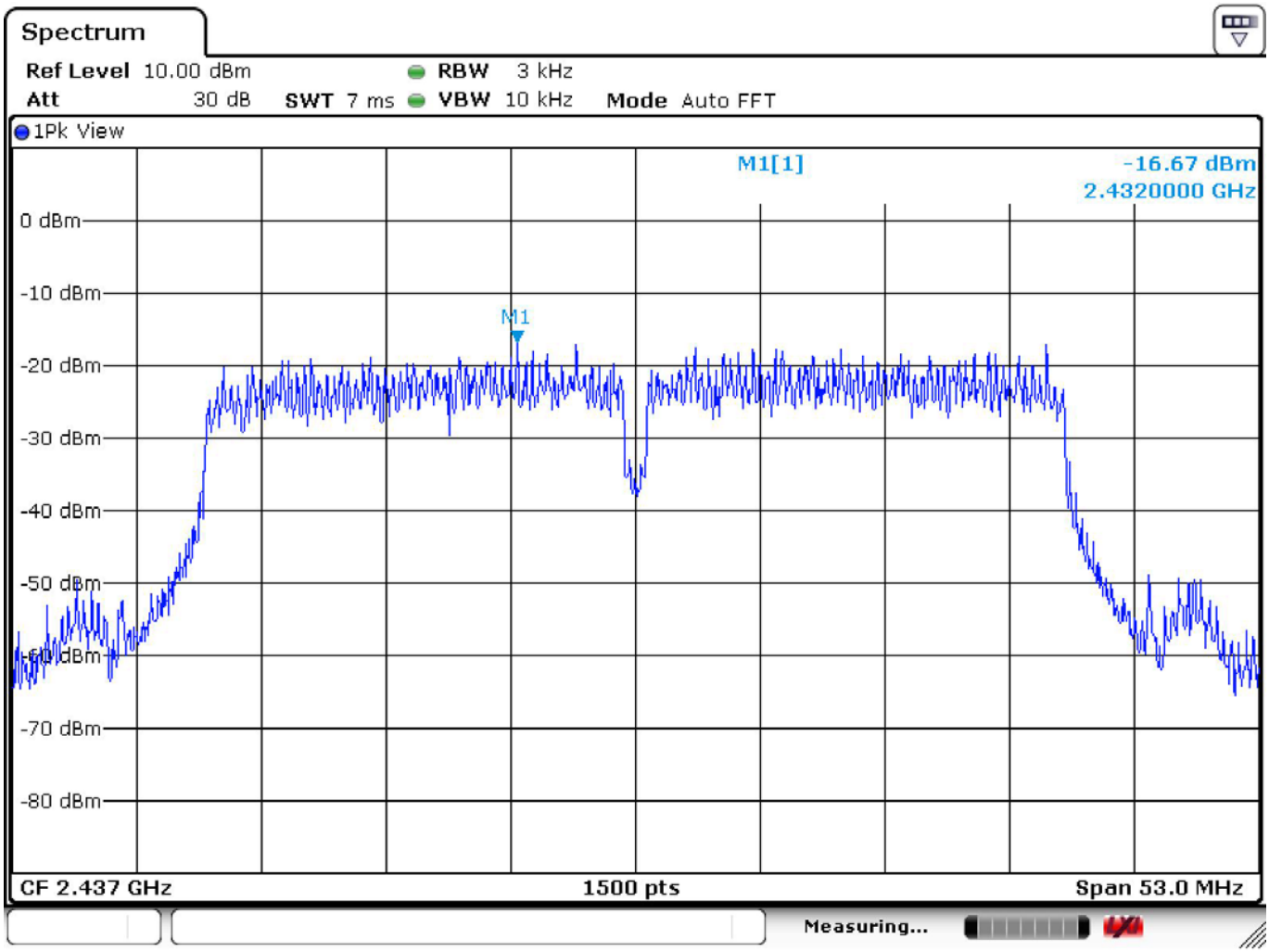
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 10	Channel	:	CH03 (2422 MHz)



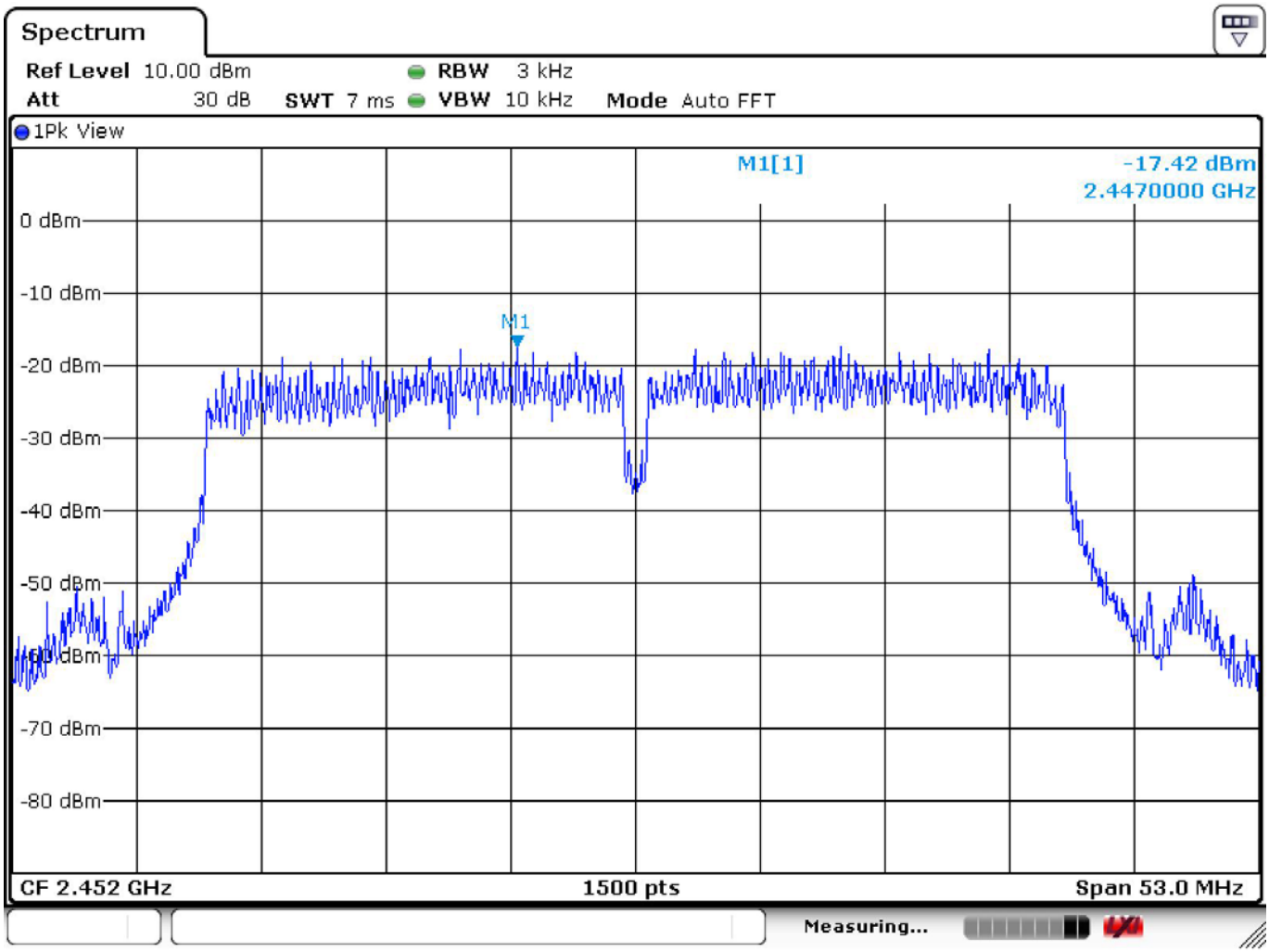
Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 11	Channel	:	CH06 (2437 MHz)



Power Spectral Density Test Data

Temperature	:	21.9℃	Humidity	:	51%
Test Date	:	2016-03-22	Tested by	:	Eason Hsieh
Test Mode	:	Mode 12	Channel	:	CH09 (2452 MHz)



8 Antenna requirement

8.1 Limit (§ 15.203)

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

8.2 Test Result

Compliance.

PCB antenna has been applied.

--------- The End of Test Report----------