

: FCC PART 15\_18G PEAK 3m POL: VERTICAL Condition

EUT

Model No

: ATRX1 : 802.11b 2412MHz Test Mode

Power : DC 5V from adapter with AC120V/60Hz

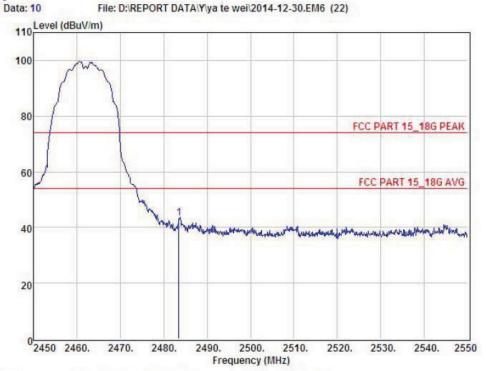
Test Engineer :

Remark Temp :

Hum

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	46.00	27.62	34.97	3.92	42.57	74.00	-31.43	Peak
2	2400.00	52.66	27.62	34.97	3.94	49.25	74.00	-24.75	Peak
3	2410.65	110.22	27.61	34.97	3.94	106.80	74.00	32.80	Peak

## CH High:



Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

EUT

Model No : ATRX1

Test Mode : 802.11b 2462MHz

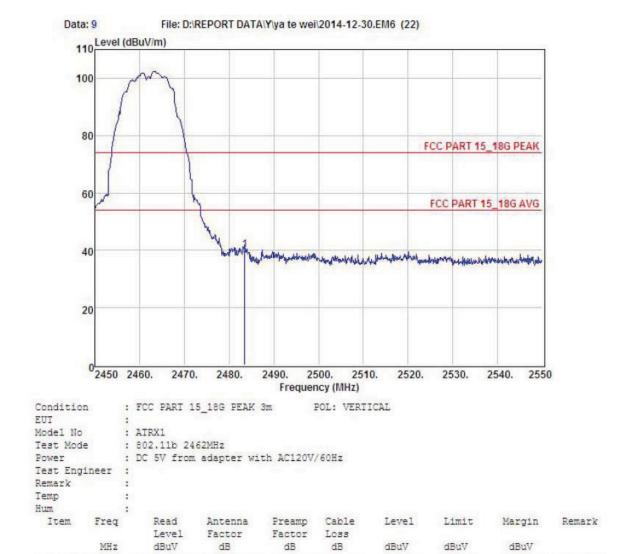
Power : DC 5V from adapter with AC120V/60Hz

Test Engineer : Remark Temp : Hum

Item	Freq	Read	Antenna	Preamp	Cable	Level	Limit	Margin	Remark
		Level	Factor	Factor	Loss				
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2483,50	46.65	27.59	34.97	4.00	43.27	74.00	-30.73	Peak

74.00 -33.82 Peak

40.18

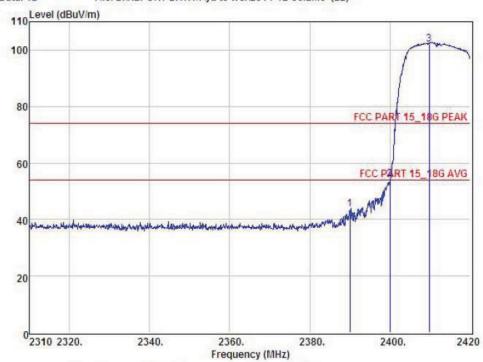


Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

1 2483,50 43.56 27,59 34.97 4.00

-----

File: D:\REPORT DATA\Y\ya te wei\2014-12-30.EM6 (22) Data: 12



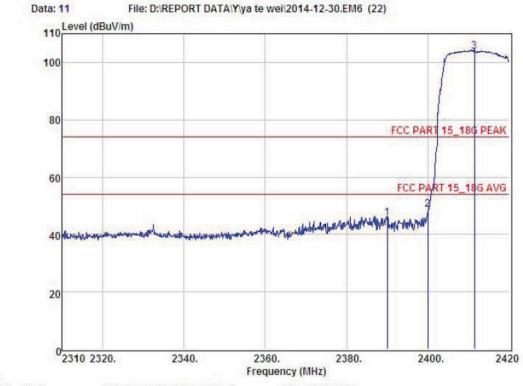
Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

EUT :
Model No : ATRX1
Test Mode : 802.11g 2412MHz
Power : DC 5V from adapter with AC120V/60Hz

Test Engineer : Remark Temp

Hum

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB		dB	dBuV	dBuV	dBuV	
1	2390.00	47.00	27.62	34.97	3.92	43.57	74.00	-30.43	Peak



Condition : FCC PART 15\_18G PEAK 3m POL: VERTICAL

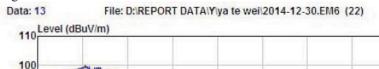
EUT

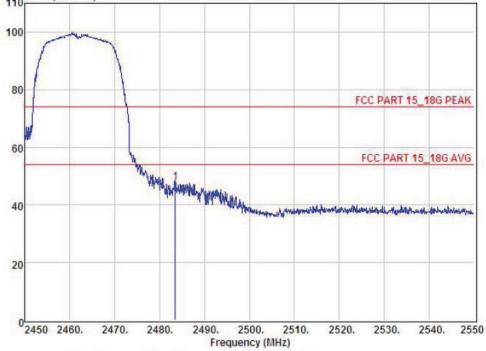
Model No : ATRX1

Test Mode : 802.11g 2412MHz
Power : DC 5V from adapter with AC120V/60Hz

Test Engineer : Remark : Temp : Hum :

I	tem	Freq	Read Level	Antenna Factor		Cable	Level	Limit	Margin	Remark
		MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
	1	2390.00	49.00	27.62	34.97	3.92	45.57	74.00	-28.43	Peak
	2	2400.00	51.99	27.62	34.97	3.94	48.58	74.00	-25.42	Peak
	3	2411.42	107.33	27.61	34.97	3.94	103.91	74.00	29.91	Peak





Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

EUT

Model No

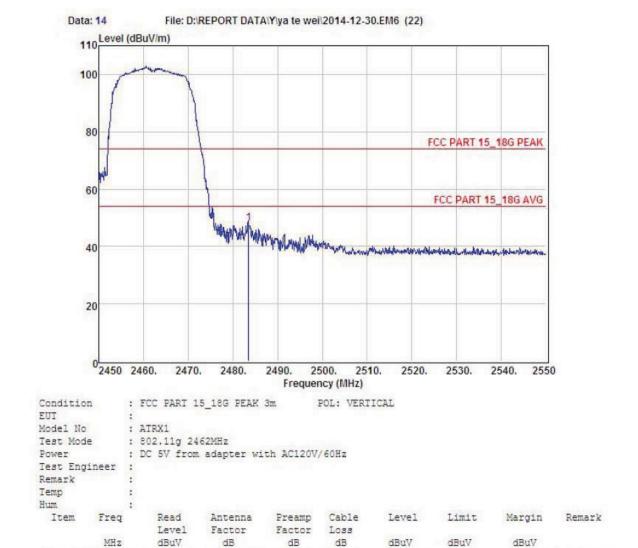
: ATRX1 : 802.11g 2462MHz Test Mode

: DC 5V from adapter with AC120V/60Hz Power

Test Engineer : Remark Temp Hum

THE WHENT									
Item	Freq	Read	Antenna	Preamp	Cable	Level	Limit	Margin	Remark
		Level	Factor	Factor	Loss				
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2483.50	51.23	27.59	34.97	4.00	47.85	74.00	-26.15	Peak

47.97 74.00 -26.03 Peak



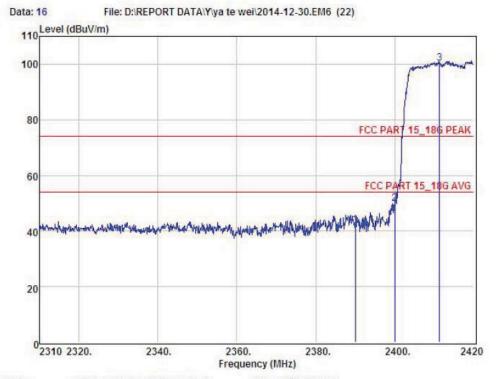
Remark: Level = Read Level + Antenna Factor - Preamp Factor + Cable Loss

----- ------

1 2483.50 51.35 27.59 34.97 4.00

## IEEE 802.11n/HT20 with 2.4G:

### CH LOW:



Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

EUT

Model No

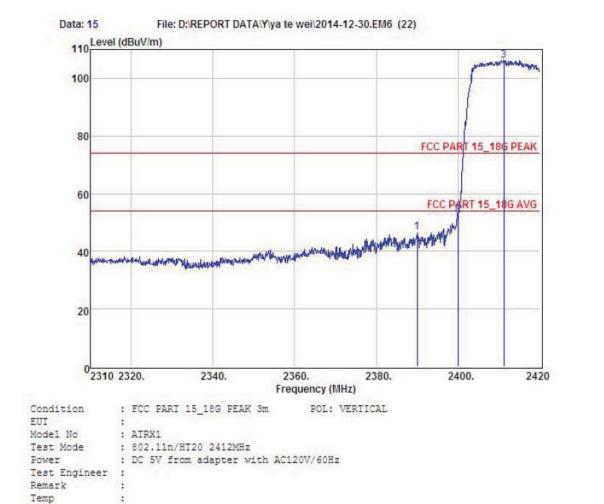
: ATRX1 : 802.11n/HT20 2412MHz Test Mode

:

Power : DC 5V from adapter with AC120V/60Hz

Test Engineer : Remark Temp Hum

Item	Freq	Read Level	Antenna Factor	Preamp Factor		Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	45.55	27.62	34.97	3.92	42,12	74.00	-31.88	Peak
2	2400.00	53.33	27.62	34.97	3.94	49.92	74.00	-24.08	Peak
3	2411.31	103.66	27.61	34.97	3.94	100.24	74.00	26.24	Peak



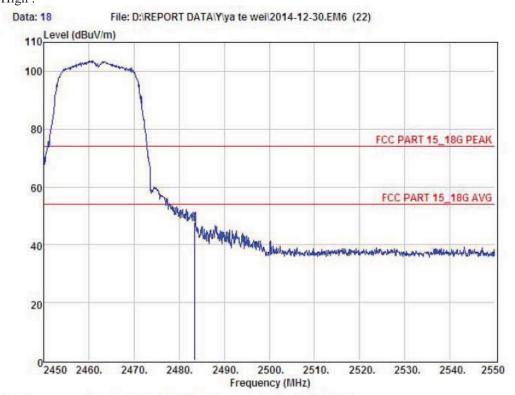
			Level	Factor	Factor	Loss				
		MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
-										
	1	2390.00	49.96	27.62	34.97	3.92	46.53	74.00	-27.47	Peak
	2	2400.00	56.25	27.62	34.97	3.94	52.84	74.00	-21.16	Peak
	3	2411.20	109.68	27.61	34.97	3.94	106.26	74.00	32.26	Peak

um : Item Freq Read Antenna Preamp Cable Level Limit Margin Remark

Remark: Level = Read Level + Antenna Factor - Freamp Factor + Cable Loss

Hum

## CH High:



Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

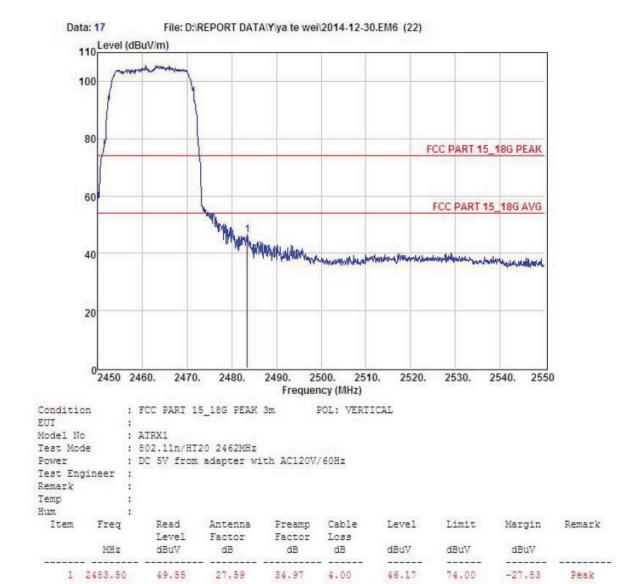
EUI

: ATRX1 Model No

Test Mode : 802.11n/HT20 2462MHz
Power : DC 5V from adapter with AC120V/60Hz

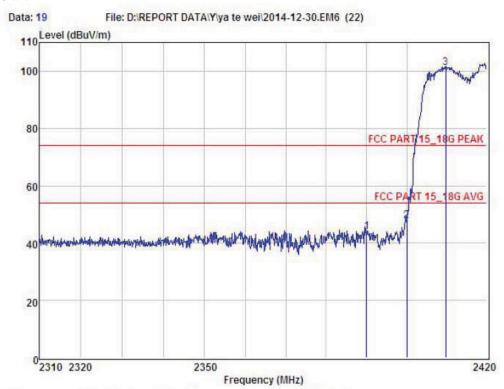
Test Engineer : Remark Temp Hum

Item Freq Read Antenna Preamp Cable Level Limit Margin Remark Factor Factor Loss Level. dB dB dBuV dBuV MHz dBuV dB dBuV 1 2483.50 51.15 27.59 34.97 4.00 47.77 74.00 -26.23 Peak



# IEEE 802.11 n/HT40 with 2.4G::

#### CH LOW:



Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

EUI

Model No : ATRX1

Test Mode

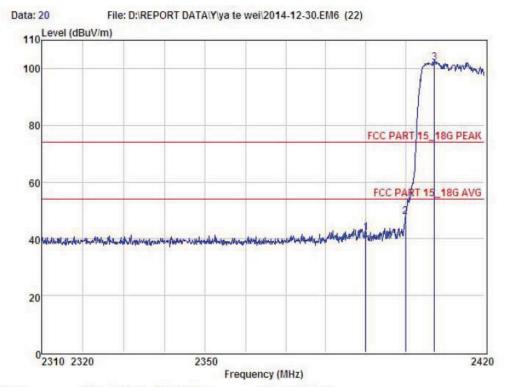
: 802.11n/HT40 Low : DC 5V from adapter with AC120V/60Hz Power

Test Engineer :

Remark

: 25.2°C Temp : 56% Hum

Item	Freq	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	47.26	27.62	34.97	3.92	43.83	74.00	-30.17	Peak
2	2400.00	51.33	27.62	34.97	3.94	47.92	74.00	-26.08	Feak
3	2409.78	104.55	27.61	34.97	3.94	101.13	74.00	27.13	Peak



Condition : FCC PART 15\_18G PEAK 3m POL: V EUT : Model No : ATRX1 Test Mode : 802.11n/HT40 Low Power : DC 5V from adapter with AC120V/60Hz POL: VERTICAL

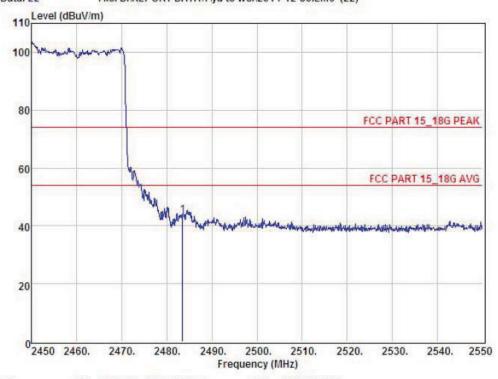
Test Engineer :

Remark

: 25.2°C Temp Hum : 56%

as were									
Item	Freq	Read Level	Antenna Factor	Preamp Factor		Level	Limit	Margin	Remark
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2390.00	45.56	27.62	34.97	3.92	42.13	74.00	-31.87	Peak
2	2400.00	51.16	27.62	34.97	3.94	47.75	74.00	-26.25	Peak
3	2407.31	105.57	27.61	34.97	3.94	102.15	74.00	28.15	Peak





Condition : FCC PART 15\_18G PEAK 3m POL: HORIZONTAL

EUI

Model No : ATRX1
Test Mode : 802.11n/HT40 High
Power : DC 5V from adapter with AC120V/60Hz

Test Engineer :

Remark

Temp : 25.2°C Hum : 56%

Item	Freq	Read	Antenna	Preamp	Cable	Level	Limit	Margin	Remark
		Level	Factor	Factor	Loss				
	MHz	dBuV	dB	dB	dB	dBuV	dBuV	dBuV	
1	2483.50	46.89	27.59	34.97	4.00	43.51	74.00	-30.49	Peak