FCC RF Test Report

APPLICANT	:	Meru Networks Inc.
EQUIPMENT	:	Multi Radio 802.11a/b/g/n Wireless LAN Access Point
BRAND NAME	:	Meru Networks Inc.
MODEL NAME	:	AP302, AP310, AP311, AP320
FCC ID	:	RE7-AP300
STANDARD	:	FCC Part 15 Subpart C §15.247
CLASSIFICATION	:	Digital Transmission System (DTS)

The product was received on Jul. 29, 2010 and completely tested on Sep. 09, 2010. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.4-2003 and shown the compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by:

Anderson Chiu

Anderson Chiu / Deputy Manager

Testing Laboratory 1190

SPORTON INTERNATIONAL INC.
No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

TABLE OF CONTENTS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR9D2415-03A	Rev. 01	Initial issue of report	Sep. 09, 2010

SUMMARY OF TEST RESULT

Report Section	FCC Rule	IC Rule	Description	Limit	Result	Remark
3.1	15.247(a)(2)	A8.2(a)	6dB Bandwidth	≥ 0.5MHz	Pass	-
3.1	-	Gen 4.4.1	99% Bandwidth	-	Pass	-
3.2	15.247(b)	A8.4	Power Output Measurement	≤ 30dBm	Pass	-
3.3	15.247(d)	A8.5	Frequency Band Edges	≤ 20dBc	Pass	-
3.4	15.247(d)	A8.5	Spurious Emission	< 20 dBc	Pass	-
3.5	15.247(e)	A8.2(b)	Power Spectral Density	≤ 8dBm	Pass	-
3.6	15.207	Gen 7.2.2	AC Conducted Emission	15.207(a)	Pass	Under limit 4.4 dB at 0.95 MHz
3.7	15.247(d)	A8.5	Transmitter Radiated Emission	15.209(a) & 15.247(d)	Pass	Under limit 0.61 dB at 48.63 MHz
3.8	15.203 & 15.247(b)	A8.4	Antenna Requirement	N/A	Pass	-

1 General Description

1.1 Applicant

Meru Networks Inc.
894 Ross Drive Sunnyvale, CA 94089 USA

1.2 Manufacturer

Universal Scientific Industrial (Shanghai)
No. 1558, Zhang Dong Road, Zhangjiang Hi-Tech Park, Shanghai 201203, P.R. China

1.3 Feature of Equipment Under Test

Product Feature & Specification	
Equipment	Multi Radio 802.11a/b/g/n Wireless LAN Access Point
Brand Name	Meru Networks Inc.
Model Name	AP302, AP310, AP311, AP320
FCC ID	RE7-AP300
Tx/Rx Frequency Range	802.11b/g/n : 2400 MHz ~ 2483.5 MHz 802.11a/n : 5725 MHz ~ 5850 MHz
Channel Spacing	802.11b/g : 5 MHz 802.11a : 20 MHz
Maximum Output Power to Antenna	**<2400 MHz ~ 2483.5 MHz>** 802.11b : 16.78 dBm (0.048 W) 802.11g : 21.82 dBm (0.152 W) 802.11n (BW 20MHz) : 25.28 dBm (0.337 W) 802.11n (BW 40MHz) : 23.48 dBm (0.223 W) **<5725 MHz ~ 5850 MHz>** 802.11a : 21.87 dBm (0.154 W) 802.11n (BW 20MHz) : 26.15 dBm (0.412 W) 802.11n (BW 40MHz) : 23.25 dBm (0.211 W)
HW Version	AP300
SW Version	3.6.1-41
Type of Modulation	802.11b : DSSS (BPSK / QPSK / CCK) 802.11a/g/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
EUT Stage	Production Unit

Antenna Information		
Antenna 1	**Model Name**	M6060060MO13620O
	Antenna Type	Dipole Antenna
	Antenna Gain	6 dBi for WLAN (2.4G) ; 6 dBi for WLAN (5G)
Antenna 2	**Model Name**	M6060070MP13620
	Antenna Type	Patch Antenna
	Antenna Gain	6 dBi for WLAN (2.4G) ; 7 dBi for WLAN (5G)

Remark:

1. For other wireless features of this EUT, test report will be issued separately.
2. This test report recorded only product characteristics and test results of Digital Transmission System (DTS).
3. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Testing Site

Test Site	SPORTON INTERNATIONAL INC.		
Test Site Location	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL: +886-3-3273456 / FAX: +886-3-3284978		
Test Site No.	Sporton Site No.		FCC/IC Registration No.
	CO05-HY	03CH07HY	TW1022/4086B-1

1.5 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart C §15.247
- FCC KDB Publication No. 558074 (Measurement Guidelines of DTS)
- ANSI C63.4-2003
- IC RSS-210 Issue 7

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B (DoC), recorded in a separate test report.

1.6 Ancillary Equipment List

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	AC Adapter	UMEC	UP0251P-05PA	N/A	N/A	Unshielded, 1.8 m
2.	POE	PHIHONG	POE20U-560(G)	N/A	N/A	N/A
3.	Notebook	DELL	Vostro 1510	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2 Test Configuration of Equipment Under Test

2.1 RF Power

Preliminary tests were performed in different data rate and recorded the RF power output in the following table:

Channel	Frequency	Chain	2.4GHz 802.11b RF Power (dBm)			
			Data Rate			
			1 Mbps	2 Mbps	5.5 Mbps	11 Mbps
CH 01	2412 MHz	A	**16.78**	16.72	16.61	16.62
CH 06	2437 MHz	A	16.76	16.72	16.61	16.61
CH 11	2462 MHz	A	16.40	16.34	16.50	16.37
CH 01	2412 MHz	B	16.55	16.45	16.44	16.43
CH 06	2437 MHz	B	16.15	16.14	16.05	16.12
CH 11	2462 MHz	B	16.48	16.41	16.40	16.37
CH 01	2412 MHz	C	16.06	16.00	16.00	16.43
CH 06	2437 MHz	C	16.08	16.01	16.16	16.01
CH 11	2462 MHz	C	16.26	16.10	16.05	16.08

Channel	Frequency	Chain	2.4GHz 802.11g RF Power (dBm)							
			Data Rate							
			6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps
CH 01	2412 MHz	A	20.57	20.52	20.23	20.18	20.53	20.17	19.90	20.90
CH 06	2437 MHz	A	**21.82**	21.73	21.75	21.67	21.75	21.78	21.59	21.80
CH 11	2462 MHz	A	18.90	18.95	19.00	19.18	19.36	19.43	19.02	19.68
CH 01	2412 MHz	B	21.54	21.81	21.75	21.77	21.73	21.65	21.37	21.72
CH 06	2437 MHz	B	21.07	20.98	21.22	21.60	21.76	21.02	20.86	21.47
CH 11	2462 MHz	B	21.59	21.54	21.53	21.77	21.79	21.60	21.32	21.59
CH 01	2412 MHz	C	21.16	21.61	21.34	21.46	21.69	21.36	21.06	21.46
CH 06	2437 MHz	C	21.21	21.36	21.25	21.37	21.63	21.38	21.39	21.42
CH 11	2462 MHz	C	21.49	21.49	21.39	21.43	21.52	21.60	21.25	21.59

Channel	Frequency	Chain	2.4GHz 802.11n (BW 20MHz) RF Power (dBm)							
			Data Rate							
			6.5 Mbps	13 Mbps	19.5 Mbps	26 Mbps	39 Mbps	52 Mbps	58.5 Mbps	65 Mbps
CH 01	2412 MHz	A+B+C	24.96	24.64	24.70	24.68	24.61	24.66	24.73	24.68
CH 06	2437 MHz	A+B+C	**25.28**	24.94	25.09	24.87	25.07	25.06	25.24	25.07
CH 11	2462 MHz	A+B+C	23.03	22.70	22.50	22.60	22.68	22.95	22.87	22.69
Channel	**Frequency**	**Chain**	**13 Mbps**	**26 Mbps**	**39 Mbps**	**52 Mbps**	**78 Mbps**	**104 Mbps**	**117 Mbps**	**130 Mbps**
CH 01	2412 MHz	A+B+C	24.70	24.75	24.69	24.68	24.75	24.79	24.76	24.70
CH 06	2437 MHz	A+B+C	25.03	24.98	25.03	24.97	25.18	25.19	25.02	25.19
CH 11	2462 MHz	A+B+C	22.85	22.71	22.81	22.65	22.85	22.92	22.68	22.67

Channel	Frequency	Chain	2.4GHz 802.11n (BW 40MHz) RF Power (dBm)							
			Data Rate							
			13.5 Mbps	27 Mbps	40.5 Mbps	54 Mbps	81 Mbps	108 Mbps	121.5 Mbps	135 Mbps
CH 03	2422 MHz	A+B+C	22.60	20.80	21.14	21.15	21.45	21.72	21.32	21.04
CH 09	2452 MHz	A+B+C	**23.48**	21.60	21.96	22.20	22.37	22.62	22.10	21.98
Channel	**Frequency**	**Chain**	**27 Mbps**	**54 Mbps**	**81 Mbps**	**108 Mbps**	**162 Mbps**	**216 Mbps**	**243 Mbps**	**270 Mbps**
CH 03	2422 MHz	A+B+C	20.93	20.83	21.26	20.89	21.24	20.79	20.74	20.93
CH 09	2452 MHz	A+B+C	22.09	21.96	21.83	21.81	21.78	21.70	21.47	22.01

Channel	Frequency	Chain	5GHz 802.11a RF Power (dBm)							
			Data Rate							
			6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps
CH 149	5745 MHz	A	21.33	21.50	21.57	21.57	21.69	21.40	21.32	21.57
CH 157	5785 MHz	A	**21.87**	21.73	21.62	21.57	21.71	21.75	21.69	21.81
CH 165	5825 MHz	A	21.30	21.30	21.58	21.35	21.58	21.63	21.32	21.62
CH 149	5745 MHz	B	21.04	21.15	21.54	21.67	21.58	21.37	21.13	21.57
CH 157	5785 MHz	B	21.22	21.30	21.19	21.22	21.45	21.07	21.25	21.13
CH 165	5825 MHz	B	21.07	21.16	21.40	21.25	21.53	21.13	21.07	21.71
CH 149	5745 MHz	C	21.08	21.29	21.35	21.40	21.67	21.20	21.11	21.29
CH 157	5785 MHz	C	20.94	21.03	21.14	21.08	21.30	20.77	20.79	21.28
CH 165	5825 MHz	C	21.42	21.40	21.63	21.61	21.71	21.52	21.12	21.66

Channel	Frequency	Chain	5GHz 802.11n (BW 20MHz) RF Power (dBm)							
			Data Rate							
			6.5 Mbps	13 Mbps	19.5 Mbps	26 Mbps	39 Mbps	52 Mbps	58.5 Mbps	65 Mbps
CH 149	5745 MHz	A+B+C	25.76	25.60	25.64	25.56	25.66	25.60	25.47	25.49
CH 157	5785 MHz	A+B+C	25.73	25.64	25.59	25.59	25.56	25.55	25.47	25.52
CH 165	5825 MHz	A+B+C	**26.15**	26.00	25.95	26.00	26.04	25.92	25.89	26.00
Channel	**Frequency**	**Chain**	**13 Mbps**	**26 Mbps**	**39 Mbps**	**52 Mbps**	**78 Mbps**	**104 Mbps**	**117 Mbps**	**130 Mbps**
CH 149	5745 MHz	A+B+C	25.58	25.61	25.49	25.49	25.54	25.56	25.47	25.45
CH 157	5785 MHz	A+B+C	25.56	25.61	25.58	25.54	25.62	25.56	25.47	25.56
CH 165	5825 MHz	A+B+C	26.12	26.08	25.97	26.14	25.99	25.99	26.15	26.11

Channel	Frequency	Chain	5GHz 802.11n (BW 40MHz) RF Power (dBm)							
			Data Rate							
			13.5 Mbps	27 Mbps	40.5 Mbps	54 Mbps	81 Mbps	108 Mbps	121.5 Mbps	135.0 Mbps
CH 151	5755 MHz	A+B+C	**23.25**	22.80	23.15	23.02	22.83	23.17	22.95	22.89
CH 159	5795 MHz	A+B+C	23.16	22.13	22.32	21.92	22.33	22.51	22.39	22.03
Channel	**Frequency**	**Chain**	**27 Mbps**	**54 Mbps**	**81 Mbps**	**108 Mbps**	**162 Mbps**	**216 Mbps**	**243 Mbps**	**270 Mbps**
CH 151	5755 MHz	A+B+C	22.99	23.02	23.04	22.89	22.76	22.87	23.07	22.93
CH 159	5795 MHz	A+B+C	22.28	22.15	22.08	22.22	22.13	21.97	22.41	22.10

Remark:

1. Chain A+B+C was tested by combiner, and the chain A, B and C was tested individually and calculated with the formula of 10*LOG (10^ (chain A/10) + 10^ (chain B/10) + 10^ (chain C/10)).
2. The data rates of WLAN 802.11a/b/g/n were set in 1Mbps for 802.11b, 6Mbps for 802.11g, 6.5Mbps for 2.4G 802.11n (BW 20MHz), 13.5Mbps for 2.4G 802.11n (BW 40MHz), 6Mbps for 802.11a, 6.5Mbps for 5G 802.11n (BW 20MHz), 13.5Mbps for 5G 802.11n (BW 40MHz) for all the test cases due to the highest RF output power.
3. The EUT is programmed to transmit signal continuously for all testing.

2.2 Test Mode

The EUT has been associated with peripherals pursuant to ANSI C63.4-2003 and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conducted emission (150 kHz to 30 MHz), radiated emission (30 MHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower).

Test Cases	
Test Item	**802.11b (Modulation : DSSS)** **802.11a/g/n (Modulation : OFDM)**
Conducted TCs	Mode 1: 802.11b_CH01_2412 MHz Mode 2: 802.11b_CH06_2437 MHz Mode 3: 802.11b_CH11_2462 MHz Mode 4: 802.11g_CH01_2412 MHz Mode 5: 802.11g_CH06_2437 MHz Mode 6: 802.11g_CH11_2462 MHz Mode 7: 802.11n_CH01_2412 MHz (BW 20M) Mode 8: 802.11n_CH06_2437 MHz (BW 20M) Mode 9: 802.11n_CH11_2462 MHz (BW 20M) Mode 10: 802.11n_CH03_2422 MHz (BW 40M) Mode 11: 802.11n_CH09_2452 MHz (BW 40M) Mode 12: 802.11a_CH149_5745 MHz Mode 13: 802.11a_CH157_5785 MHz Mode 14: 802.11a_CH165_5825 MHz Mode 15: 802.11n_CH149_5745 MHz (BW 20M) Mode 16: 802.11n_CH157_5785 MHz (BW 20M) Mode 17: 802.11n_CH165_5825 MHz (BW 20M) Mode 18: 802.11n_CH151_5755 MHz (BW 40M) Mode 19: 802.11n_CH159_5795 MHz (BW 40M)

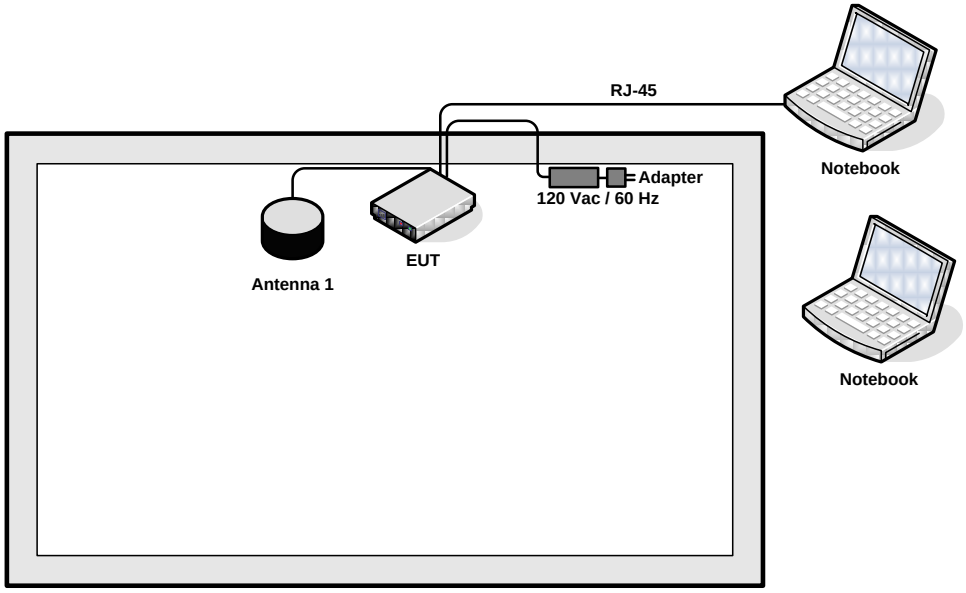
Test Cases	
Radiated TCs	Mode 1: 802.11b_CH01_2412 MHz + WLAN 1 + Antenna 1 Mode 2: 802.11b_CH06_2437 MHz + WLAN 1 + Antenna 1 Mode 3: 802.11b_CH11_2462 MHz + WLAN 1 + Antenna 1 Mode 4: 802.11g_CH01_2412 MHz + WLAN 1 + Antenna 1 Mode 5: 802.11g_CH06_2437 MHz + WLAN 1 + Antenna 1 Mode 6: 802.11g_CH11_2462 MHz + WLAN 1 + Antenna 1 Mode 7: 802.11n(g)_CH01_2412 MHz (BW 20MHz) + WLAN 1 + Antenna 1 Mode 8: 802.11n(g)_CH06_2437 MHz (BW 20MHz) + WLAN 1 + Antenna 1 Mode 9: 802.11n(g)_CH11_2462 MHz (BW 20MHz) + WLAN 1 + Antenna 1 Mode 10: 802.11n(g)_CH03_2422 MHz (BW 40MHz) + WLAN 1 + Antenna 1 Mode 11: 802.11n(g)_CH09_2452 MHz (BW 40MHz) + WLAN 1 + Antenna 1 Mode 12: 802.11n(g)_ CH03_2422 MHz (BW 40MHz) + WLAN 2 + Antenna 1 Mode 13: 802.11a_CH149_5745 MHz + WLAN 1 + Antenna 1 Mode 14: 802.11a_CH157_5785 MHz + WLAN 1 + Antenna 1 Mode 15: 802.11a_CH165_5825 MHz + WLAN 1 + Antenna 1 Mode 16: 802.11n(a)_CH149_5745 MHz (BW 20MHz) + WLAN 1 + Antenna 1 Mode 17: 802.11n(a)_CH157_5785 MHz (BW 20MHz) + WLAN 1 + Antenna 1 Mode 18: 802.11n(a)_CH165_5825 MHz (BW 20MHz) + WLAN 1 + Antenna 1 Mode 19: 802.11n(a)_CH151_5755 MHz (BW 40MHz) + WLAN 1 + Antenna 1 Mode 20: 802.11n(a)_CH159_5795 MHz (BW 40MHz) + WLAN 1 + Antenna 1 Mode 21: 802.11n(a)_ CH151_5755 MHz (BW 40MHz) + WLAN 2 + Antenna 1 Mode 22: 802.11n(g)_CH03_2422 MHz (BW 40MHz) + WLAN 1 + WLAN 2 + Antenna 1 Mode 23: 802.11n(a)_ CH151_5755 MHz (BW 40MHz) + WLAN 1 + WLAN 2 + Antenna 1 Mode 24: 802.11b_CH01_2412 MHz + WLAN 1 + Antenna 2 Mode 25: 802.11b_CH06_2437 MHz + WLAN 1 + Antenna 2 Mode 26: 802.11b_CH11_2462 MHz + WLAN 1 + Antenna 2 Mode 27: 802.11g_CH01_2412 MHz + WLAN 1 + Antenna 2 Mode 28: 802.11g_CH06_2437 MHz + WLAN 1 + Antenna 2 Mode 29: 802.11g_CH11_2462 MHz + WLAN 1 + Antenna 2 Mode 30: 802.11n(g)_CH01_2412 MHz (BW 20MHz) + WLAN 1 + Antenna 2 Mode 31: 802.11n(g)_CH06_2437 MHz (BW 20MHz) + WLAN 1 + Antenna 2 Mode 32: 802.11n(g)_CH11_2462 MHz (BW 20MHz) + WLAN 1 + Antenna 2 Mode 33: 802.11n(g)_CH03_2422 MHz (BW 40MHz) + WLAN 1 + Antenna 2 Mode 34: 802.11n(g)_CH09_2452 MHz (BW 40MHz) + WLAN 1 + Antenna 2 Mode 35: 802.11n(g)_ CH09_2452 MHz (BW 40MHz) + WLAN 2 + Antenna 2 Mode 36: 802.11a_CH149_5745 MHz + WLAN 1 + Antenna 2 Mode 37: 802.11a_CH157_5785 MHz + WLAN 1 + Antenna 2 Mode 38: 802.11a_CH165_5825 MHz + WLAN 1 + Antenna 2 Mode 39: 802.11n(a)_CH149_5745 MHz (BW 20MHz) + WLAN 1 + Antenna 2 Mode 40: 802.11n(a)_CH157_5785 MHz (BW 20MHz) + WLAN 1 + Antenna 2 Mode 41: 802.11n(a)_CH165_5825 MHz (BW 20MHz) + WLAN 1 + Antenna 2 Mode 42: 802.11n(a)_CH151_5755 MHz (BW 40MHz) + WLAN 1 + Antenna 2 Mode 43: 802.11n(a)_CH159_5795 MHz (BW 40MHz) + WLAN 1 + Antenna 2 Mode 44: 802.11n(a)_ CH151_5755 MHz (BW 40MHz) + WLAN 2 + Antenna 2 Mode 45: 802.11n(g)_CH09_2452 MHz (BW 40MHz) + WLAN 1 + WLAN 2 + Antenna 2 Mode 46: 802.11n(a)_ CH151_5755 MHz (BW 40MHz) + WLAN 1 + WLAN 2 + Antenna 2

Test Cases	
AC Conducted Emission	Mode 1 : WLAN 1 (2.4G) Link + WLAN 2 (2.4G) Link + LAN Link + Adapter + Antenna 1 Mode 2 : WLAN 1 (5G) Link + WLAN 2 (5G) Link + POE + LAN Link + Adapter + Antenna 2
Remark: **1.** The worst case of AC conducted emission is mode 1; only the test data of it was reported. **2.** The EUT has two modules which have the same design, and they can transmit simultaneously.	

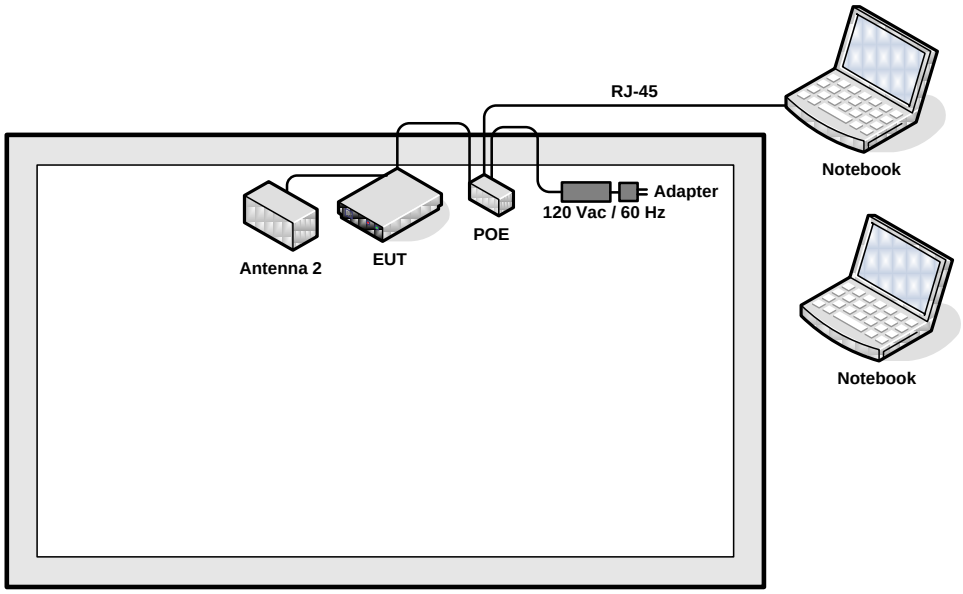
2.3 Connection Diagram of Test System

<Conduction Test>

EUT with Adapter Mode

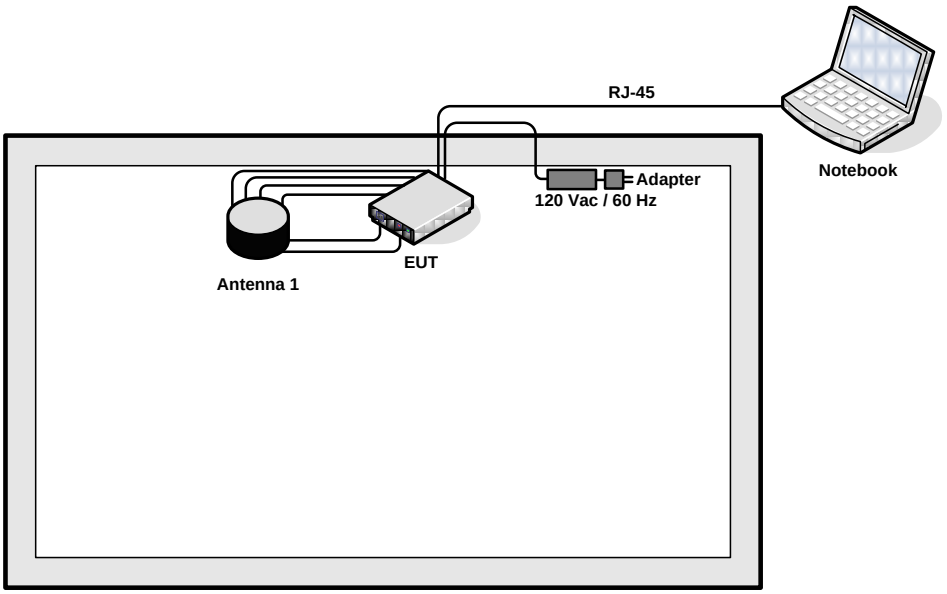


EUT with POE and Adapter Mode

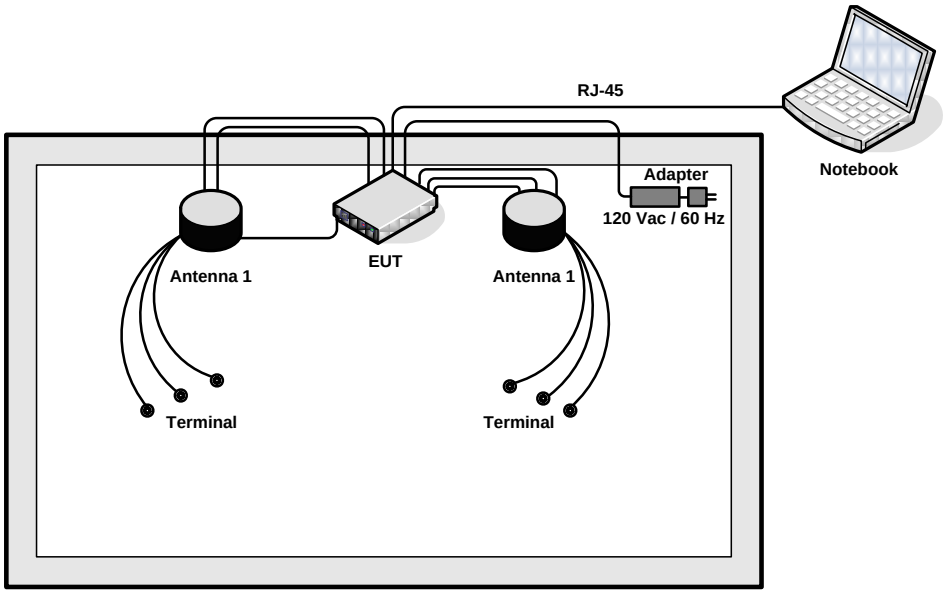


<Radiation Test>

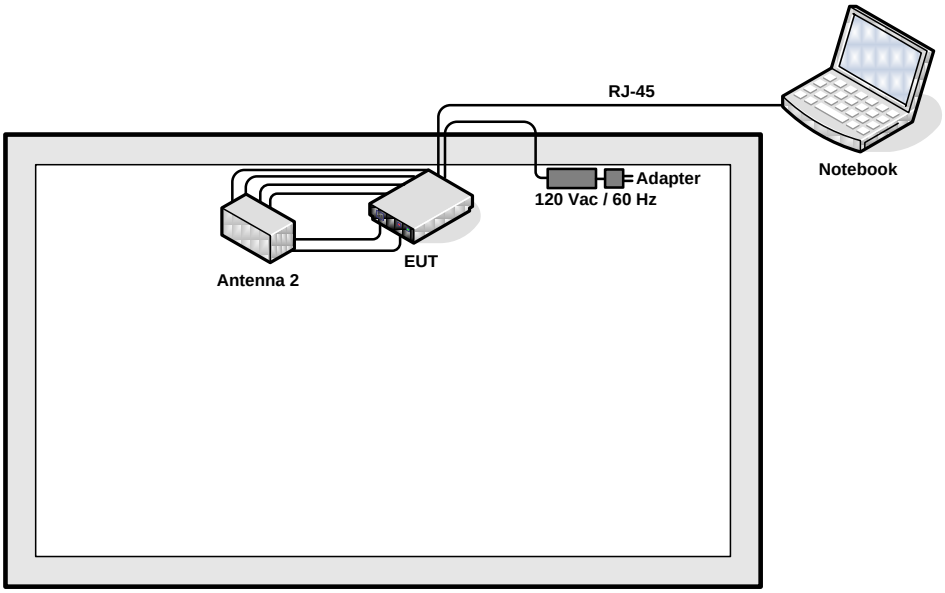
EUT with Antenna 1



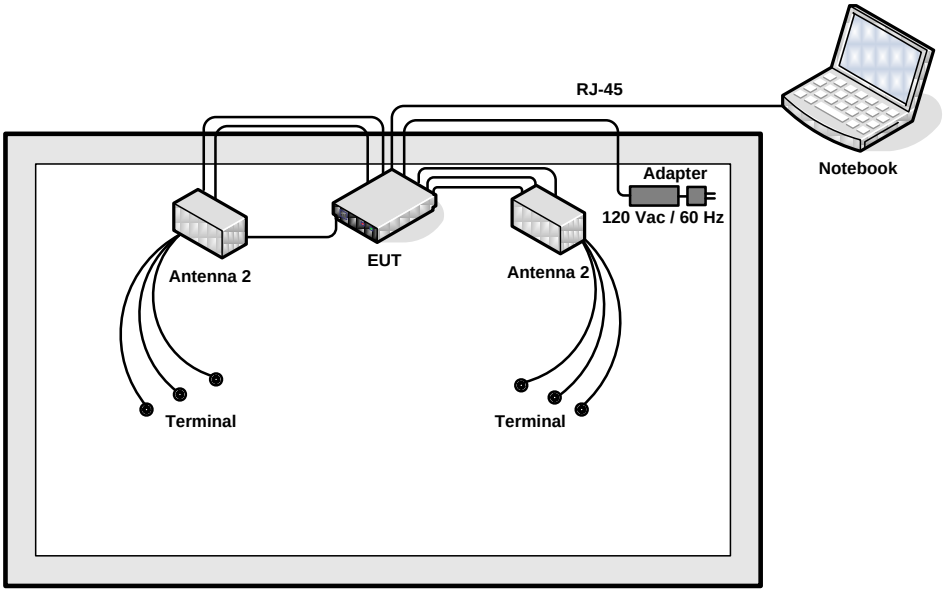
EUT with Antenna 1 + WLAN 1 + WLAN 2



EUT with Antenna 2



EUT with Antenna 2 + WLAN 1 + WLAN 2



2.4 RF Utility

The programmed RF utility is installed in notebook to provide channel selection, power level, data rate and the application type. RF Utility can send transmitting signal for all testing. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

3 Test Result

3.1 6dB and 99% Bandwidth Measurement

3.1.1 Limit of 6dB Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

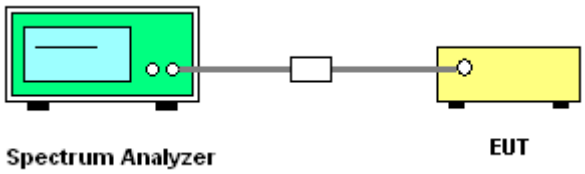
3.1.2 Measuring Instruments

See list of measuring instruments of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB Publication No. 558074 (Measurement Guidelines of DTS).
2. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
3. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW. The 6 dB bandwidth must be greater than 500 kHz.
4. The marker-delta reading at this point is the 6 dB bandwidth of the emission.

3.1.4 Test Setup

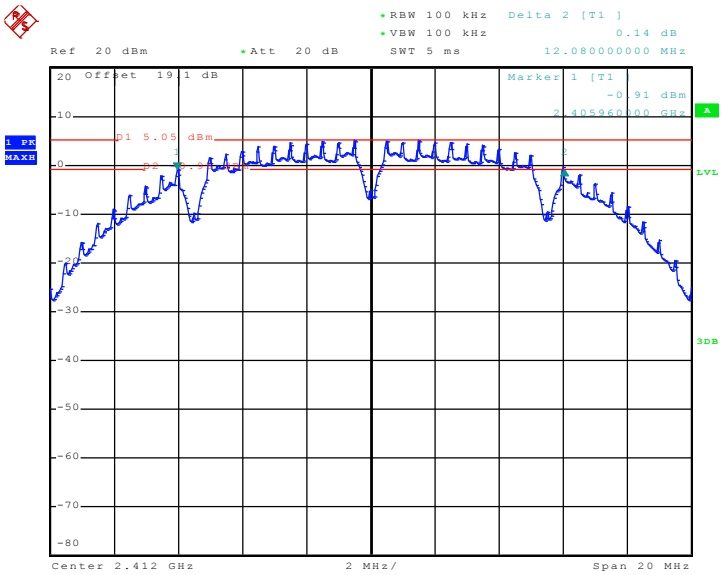


3.1.5 Test Result of 6dB Bandwidth

Test Mode :	Mode 1, 2, 3	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

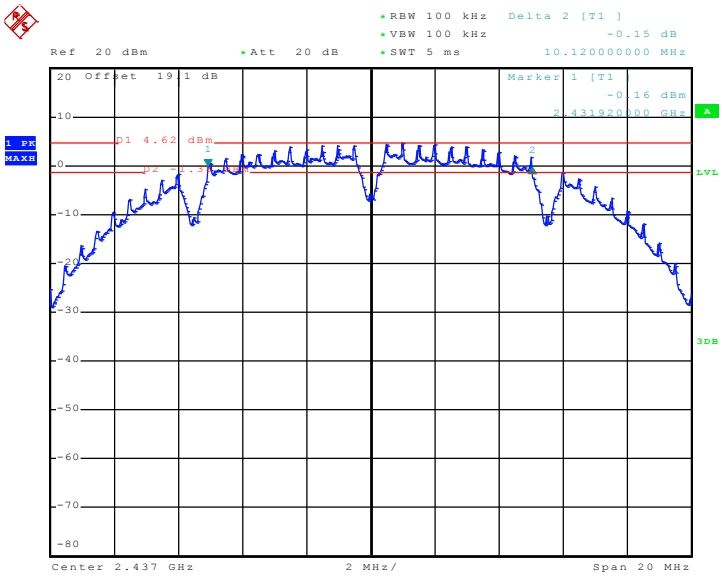
Channel	Frequency (MHz)	802.11b 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
		Chain A		
01	2412	12.08	0.5	Pass
06	2437	10.12	0.5	Pass
11	2462	10.12	0.5	Pass

Mode 1 : 6 dB Bandwidth Plot on 802.11b Channel 01 - Chain A



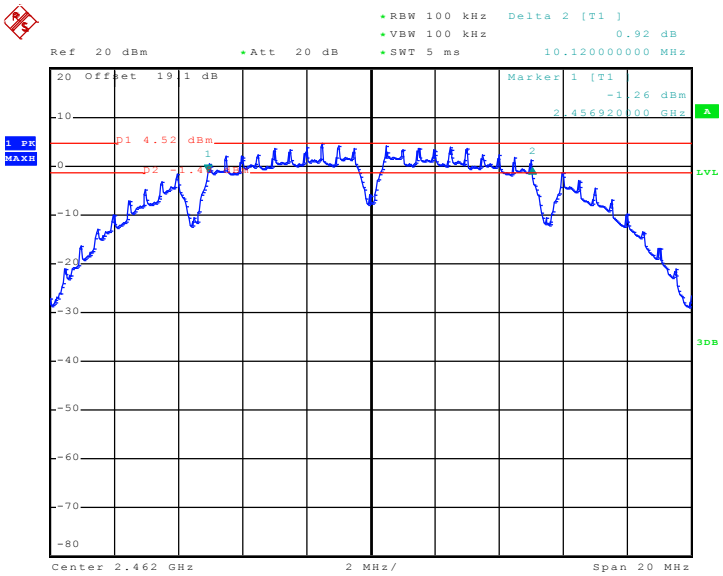
Date: 17.AUG.2010 05:28:23

Mode 2 : 6 dB Bandwidth Plot on 802.11b Channel 06 - Chain A



Date: 16.AUG.2010 10:13:58

Mode 3 : 6 dB Bandwidth Plot on 802.11b Channel 11 - Chain A

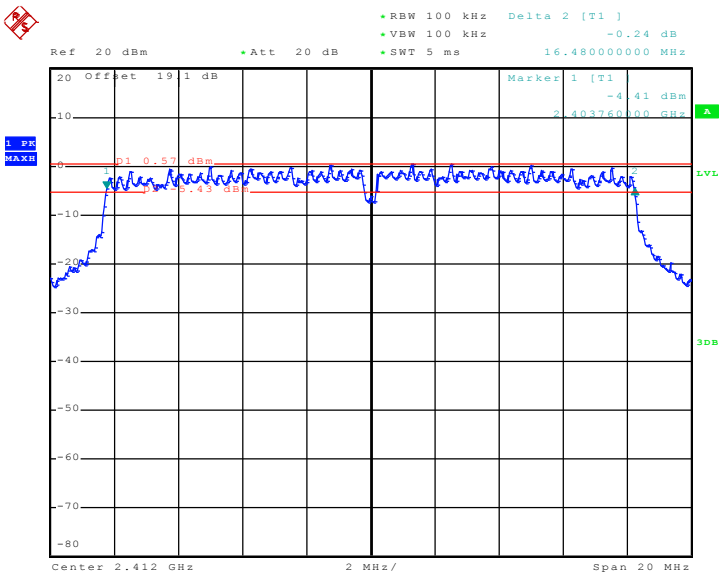


Date: 16.AUG.2010 10:14:54

Test Mode :	Mode 4, 5, 6	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

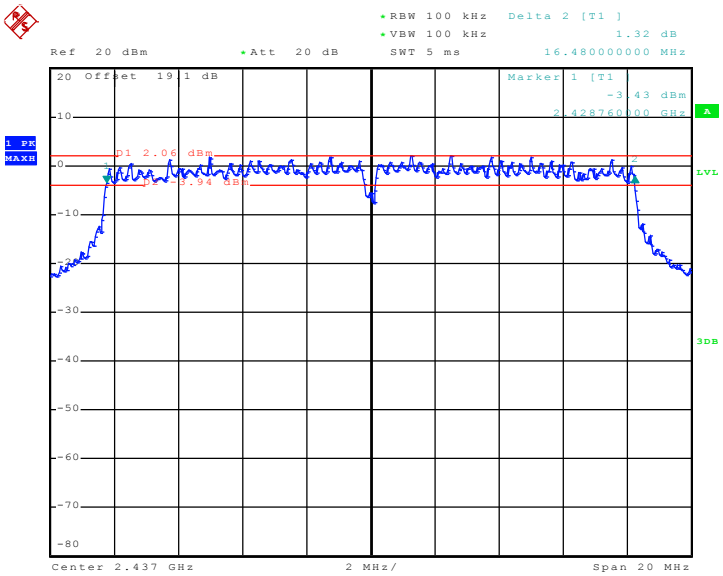
Channel	Frequency (MHz)	802.11g 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
		Chain A		
01	2412	16.48	0.5	Pass
06	2437	16.48	0.5	Pass
11	2462	16.52	0.5	Pass

Mode 4 : 6 dB Bandwidth Plot on 802.11g Channel 01 - Chain A



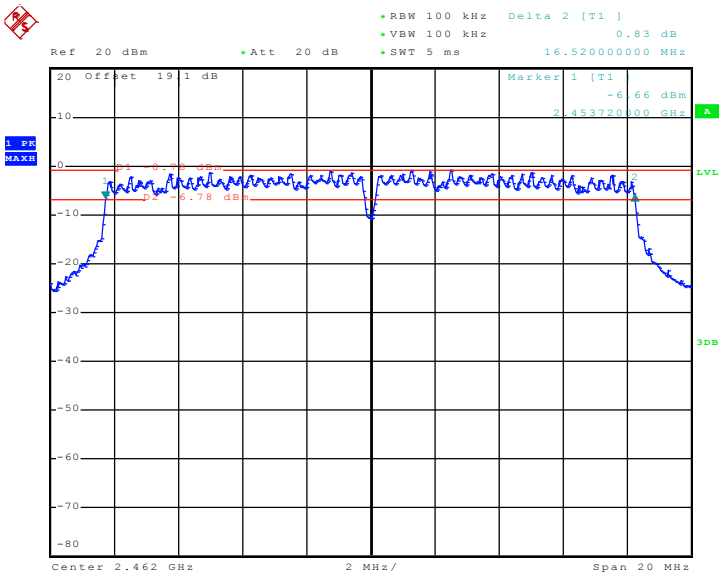
Date: 17.AUG.2010 05:58:43

Mode 5 : 6 dB Bandwidth Plot on 802.11g Channel 06 - Chain A



Date: 16.AUG.2010 12:21:39

Mode 6 : 6 dB Bandwidth Plot on 802.11g Channel 11 - Chain A

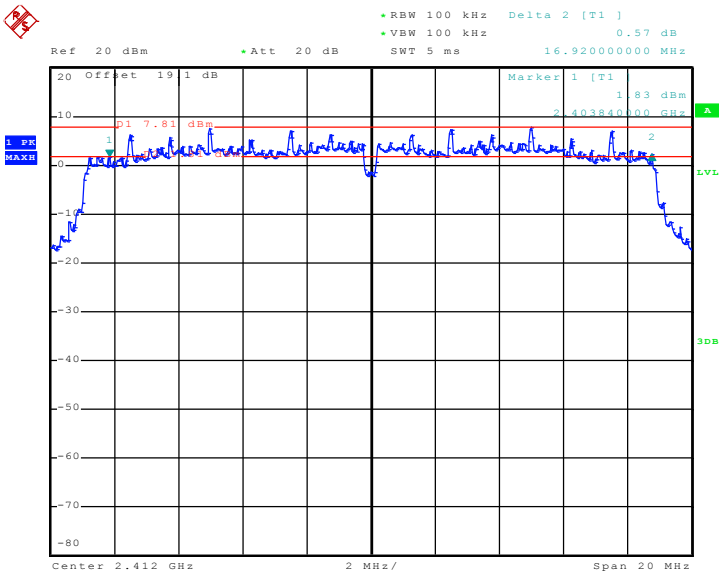


Date: 17.AUG.2010 06:05:21

Test Mode :	Mode 7, 8, 9	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

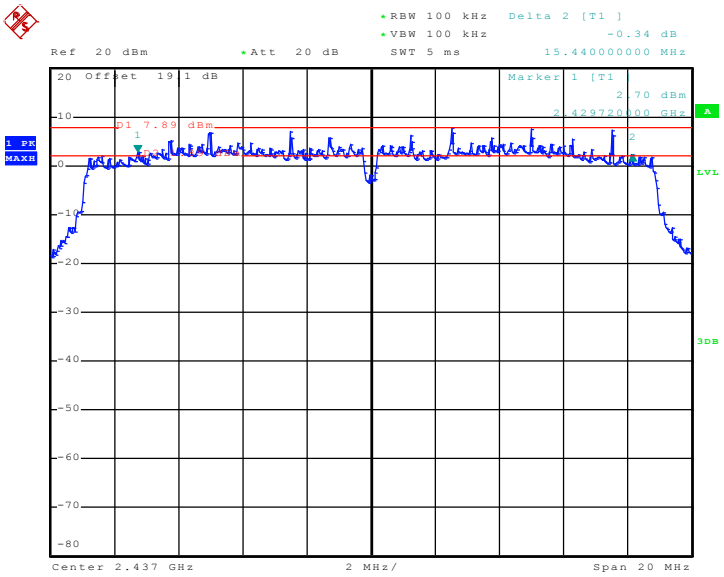
Channel	Frequency (MHz)	802.11n (BW 20MHz, 3Tx) 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
		Chain A+B+C		
01	2412	16.92	0.5	Pass
06	2437	15.44	0.5	Pass
11	2462	17.00	0.5	Pass

Mode 7 : 6 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 01 - Chain A+B+C



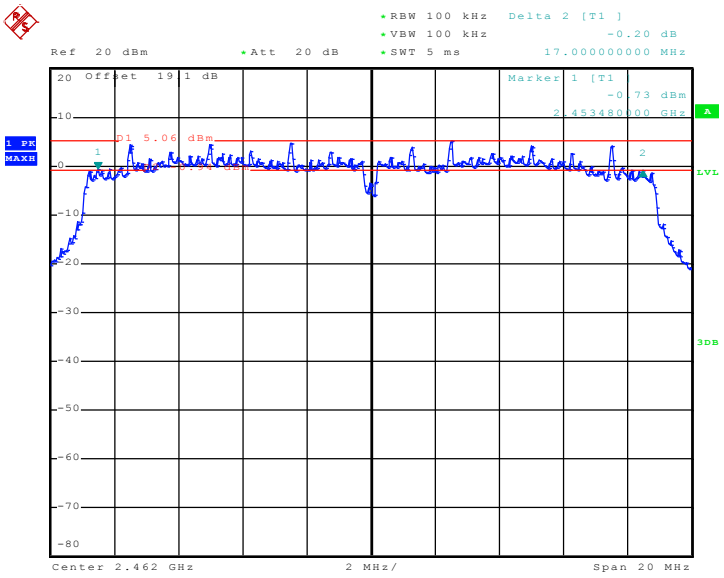
Date: 17.AUG.2010 06:53:42

Mode 8 : 6 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 06 - Chain A+B+C



Date: 16.AUG.2010 18:38:07

Mode 9 : 6 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 11 - Chain A+B+C

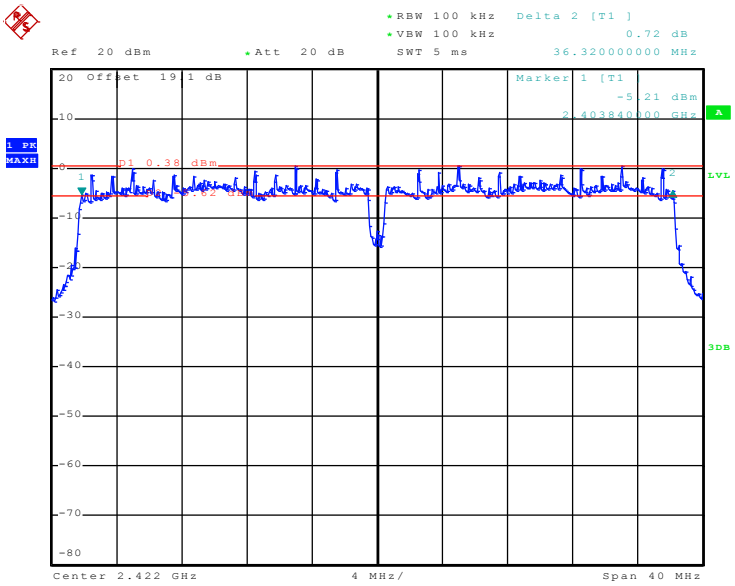


Date: 17.AUG.2010 06:58:06

Test Mode :	Mode 10, 11	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

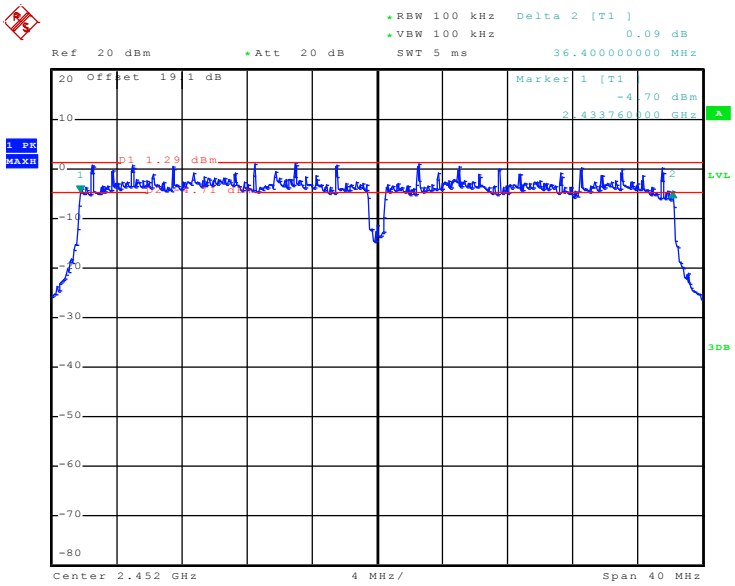
Channel	Frequency (MHz)	802.11n (BW 40MHz, 3Tx) 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
		Chain A+B+C		
03	2422	36.32	0.5	Pass
09	2452	36.40	0.5	Pass

Mode 10 : 6 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 03 - Chain A+B+C



Date: 17.AUG.2010 08:39:37

Mode 11 : 6 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 09 - Chain A+B+C

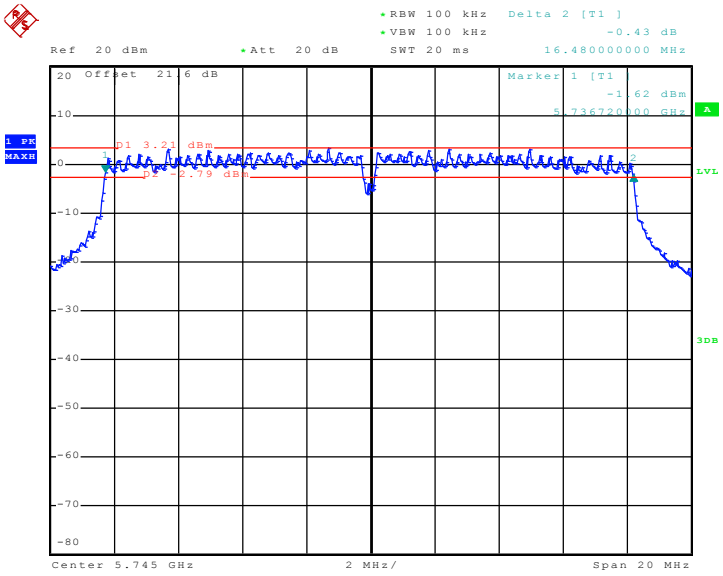


Date: 17.AUG.2010 08:43:48

Test Mode :	Mode 12, 13, 14	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

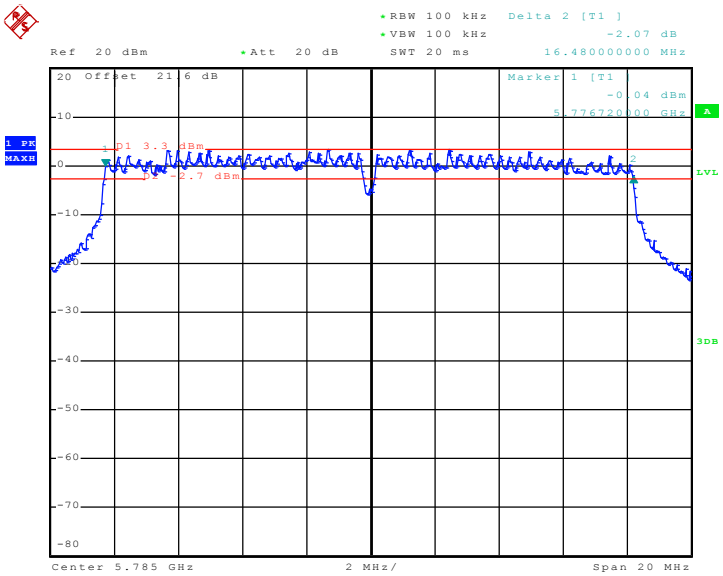
Channel	Frequency (MHz)	802.11a 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
		Chain A		
149	5745	16.48	0.5	Pass
157	5785	16.48	0.5	Pass
165	5825	16.52	0.5	Pass

Mode 12 : 6 dB Bandwidth Plot on 802.11a Channel 149 - Chain A



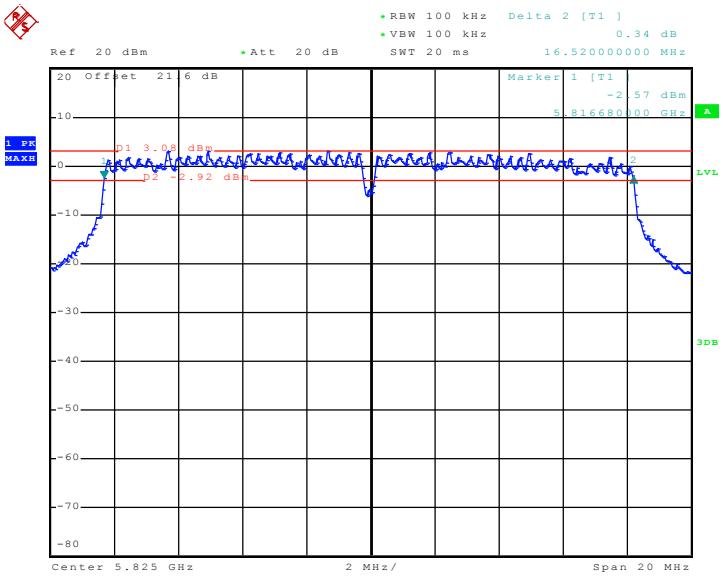
Date: 16.AUG.2010 14:58:05

Mode 13 : 6 dB Bandwidth Plot on 802.11a Channel 157 - Chain A



Date: 16.AUG.2010 14:56:43

Mode 14 : 6 dB Bandwidth Plot on 802.11a Channel 165 - Chain A

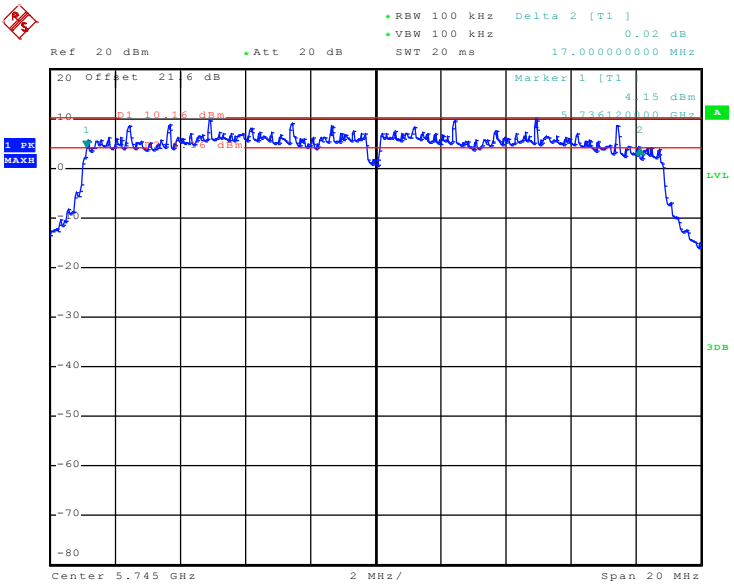


Date: 16.AUG.2010 14:55:32

Test Mode :	Mode 15, 16, 17	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

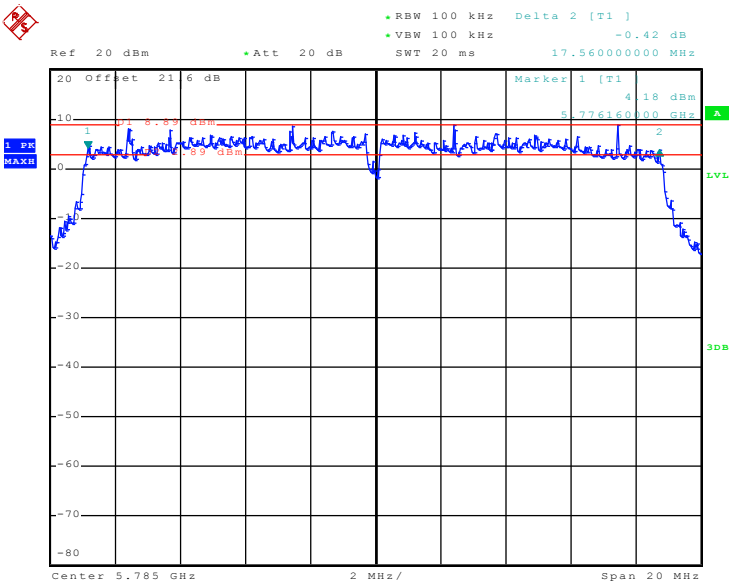
Channel	Frequency (MHz)	802.11n (BW 20MHz, 3Tx) 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
		Chain A+B+C		
149	5745	17.00	0.5	Pass
157	5785	17.56	0.5	Pass
165	5825	17.56	0.5	Pass

Mode 15 : 6 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 149 - Chain A+B+C



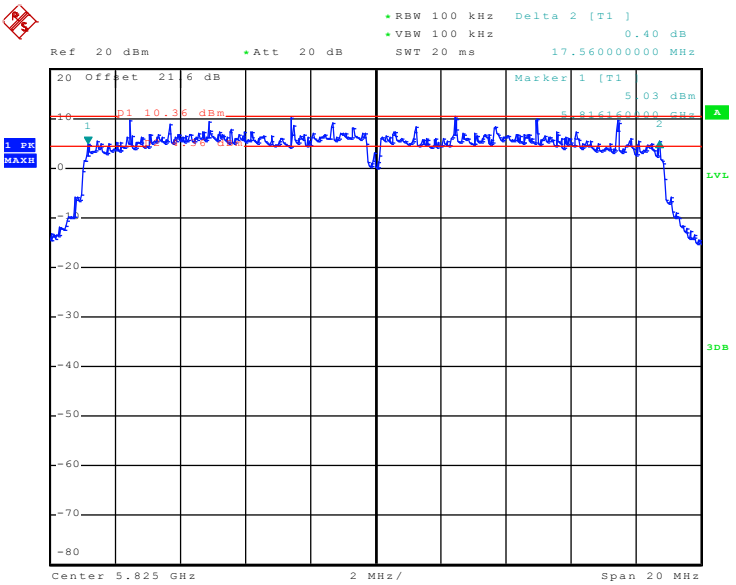
Date: 16.AUG.2010 16:06:01

Mode 16 : 6 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 157 - Chain A+B+C



Date: 16.AUG.2010 16:09:48

Mode 17 : 6 dB Bandwidth Plot on 802.11n (BW 20MHz) Channel 165 - Chain A+B+C

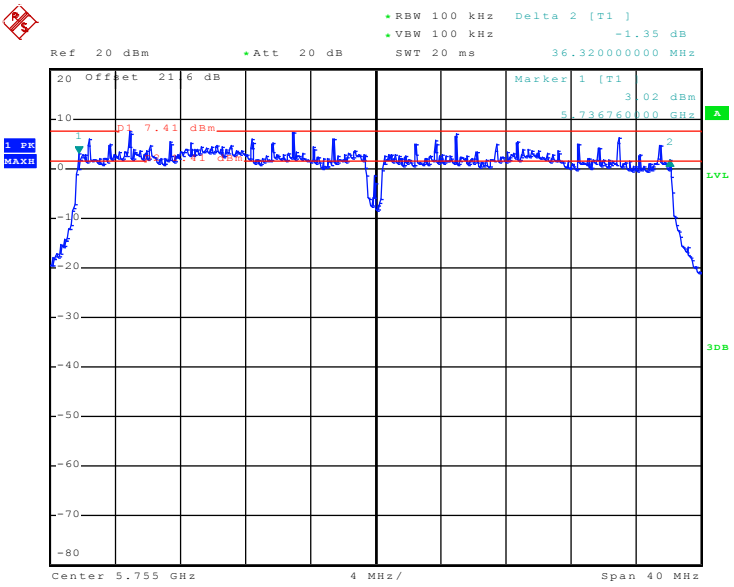


Date: 16.AUG.2010 16:11:11

Test Mode :	Mode 18, 19	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

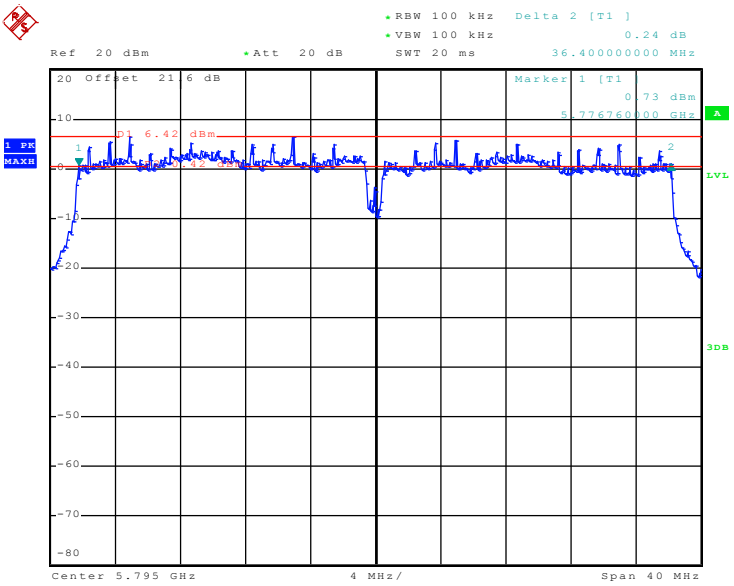
Channel	Frequency (MHz)	802.11n (BW 40MHz, 3Tx) 6dB Bandwidth (MHz)	6dB Bandwidth Min. Limit (MHz)	Pass/Fail
		Chain A+B+C		
151	5755	36.32	0.5	Pass
159	5795	36.40	0.5	Pass

Mode 18 : 6 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 151 - Chain A+B+C



Date: 17.AUG.2010 04:09:42

Mode 19 : 6 dB Bandwidth Plot on 802.11n (BW 40MHz) Channel 159 - Chain A+B+C



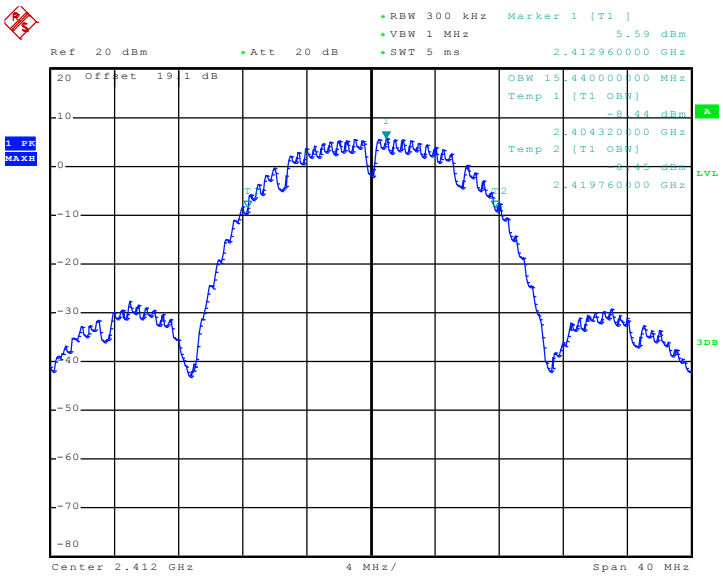
Date: 17.AUG.2010 04:07:50

3.1.6 Test Result of 99% Occupied Bandwidth

Test Mode :	Mode 1, 2, 3	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

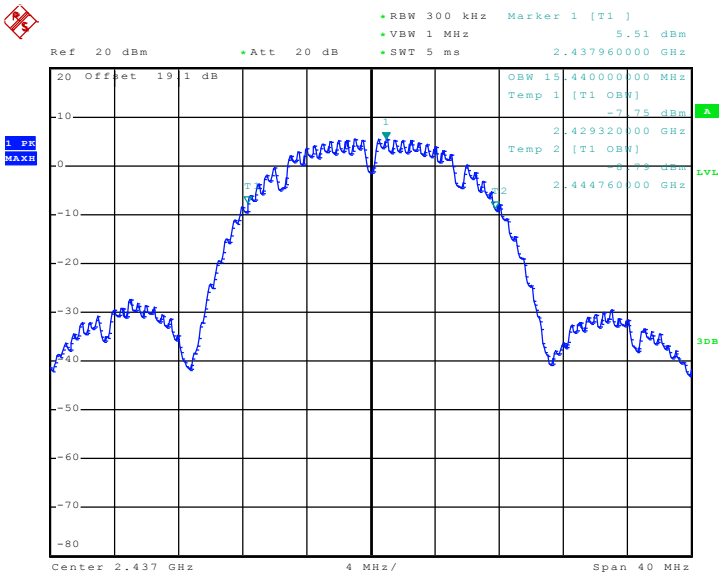
Channel	Frequency (MHz)	802.11b 99% Occupied Bandwidth (MHz)	Pass/Fail
		Chain A	
01	2412	15.44	Pass
06	2437	15.44	Pass
11	2462	15.36	Pass

Mode 1 : 99% Occupied Bandwidth Plot on 802.11b Channel 01 - Chain A



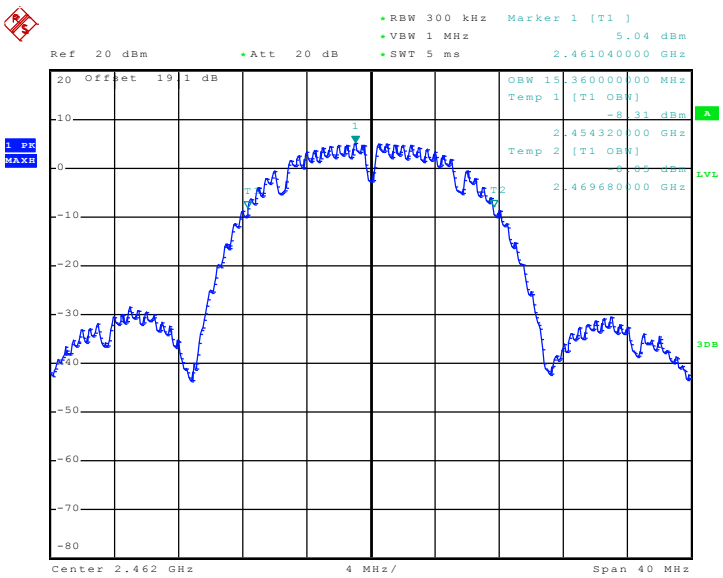
Date: 17.AUG.2010 05:30:39

Mode 2 : 99% Occupied Bandwidth Plot on 802.11b Channel 06 - Chain A



Date: 16.AUG.2010 10:10:36

Mode 3 : 99% Occupied Bandwidth Plot on 802.11b Channel 11 - Chain A

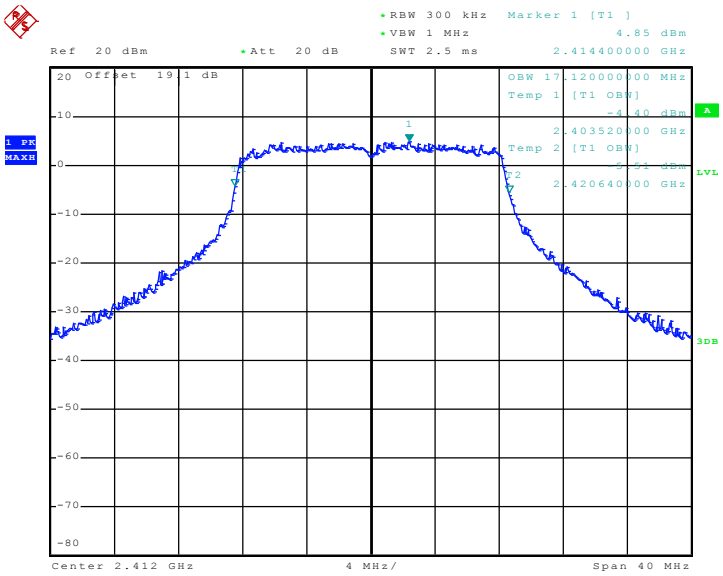


Date: 16.AUG.2010 10:10:56

Test Mode :	Mode 4, 5, 6	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

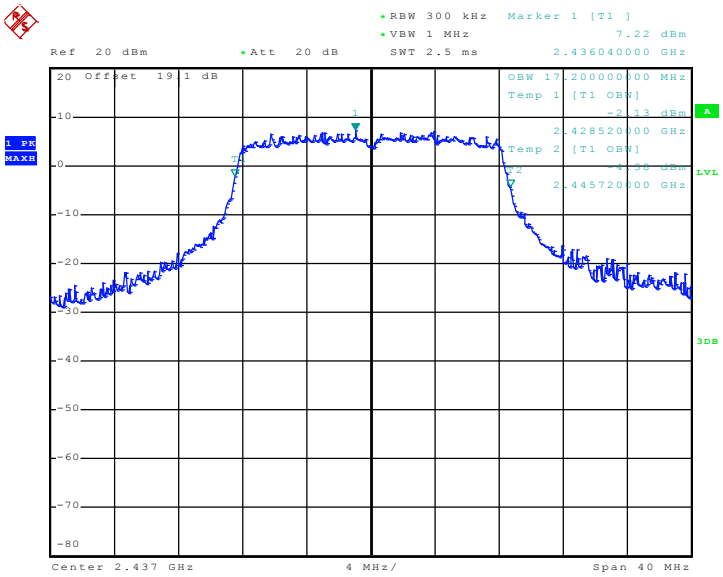
Channel	Frequency (MHz)	802.11g 99% Occupied Bandwidth (MHz)	Pass/Fail
		Chain A	
01	2412	17.12	Pass
06	2437	17.20	Pass
11	2462	17.04	Pass

Mode 4 : 99% Occupied Bandwidth Plot on 802.11g Channel 01 - Chain A



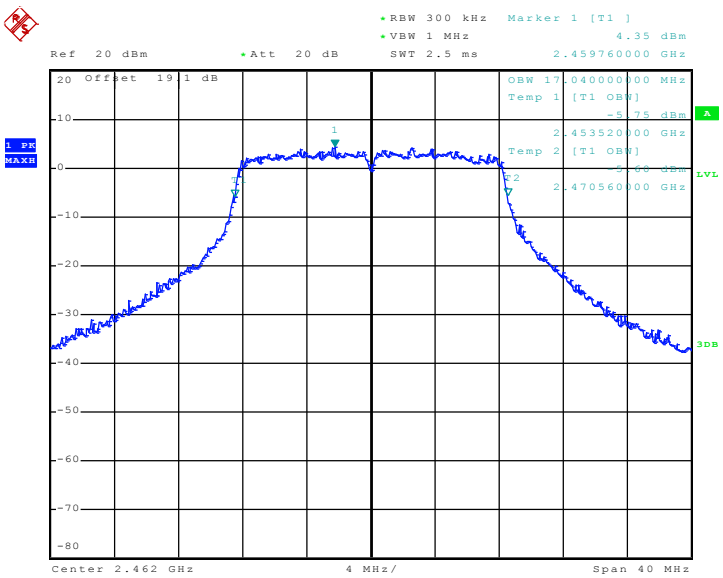
Date: 17.AUG.2010 06:10:54

Mode 5 : 99% Occupied Bandwidth Plot on 802.11g Channel 06 - Chain A



Date: 16.AUG.2010 12:24:20

Mode 6 : 99% Occupied Bandwidth Plot on 802.11g Channel 11 - Chain A



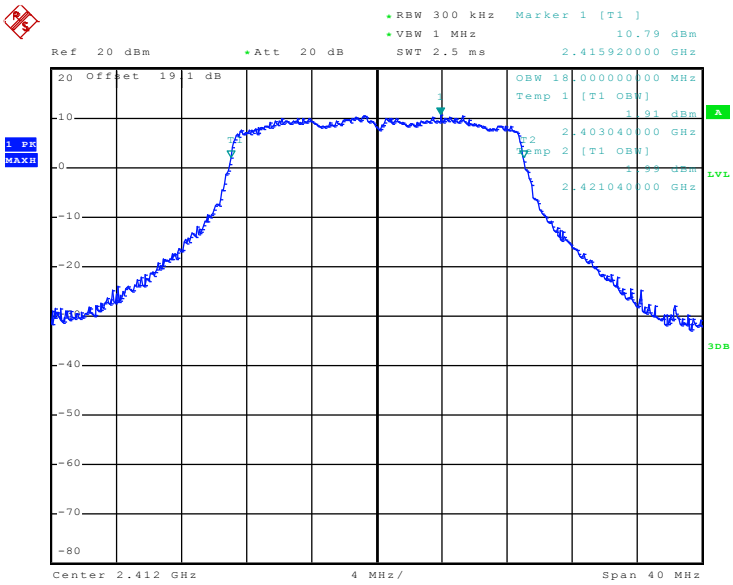
Date: 17.AUG.2010 06:09:45

Test Mode :	Mode 7, 8, 9	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 20MHz, 3Tx) 99% Occupied Bandwidth (MHz)	Pass/Fail
		Chain A+B+C	
01	2412	18.00	Pass
06	2437	18.00	Pass
11	2462	17.92	Pass

Mode 7 : 99% Occupied Bandwidth Plot on 802.11n (BW 20MHz)

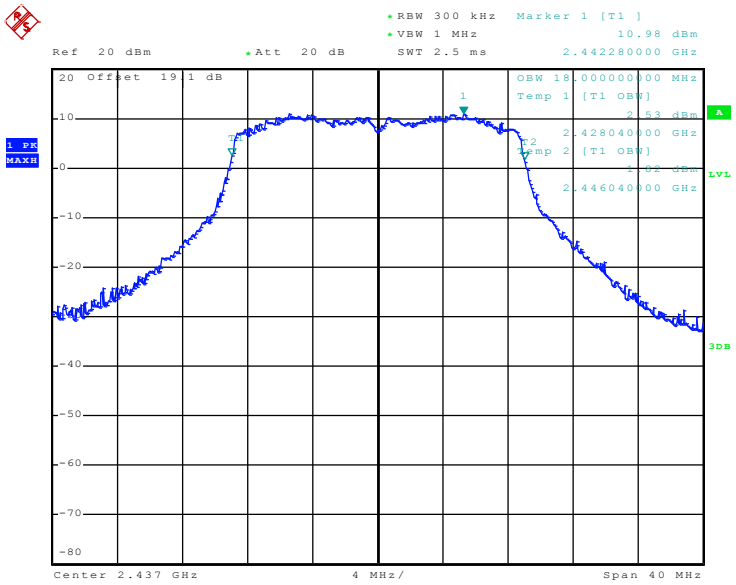
Channel 01 - Chain A+B+C



Date: 17.AUG.2010 07:07:09

Mode 8 : 99% Occupied Bandwidth Plot on 802.11n (BW 20MHz)

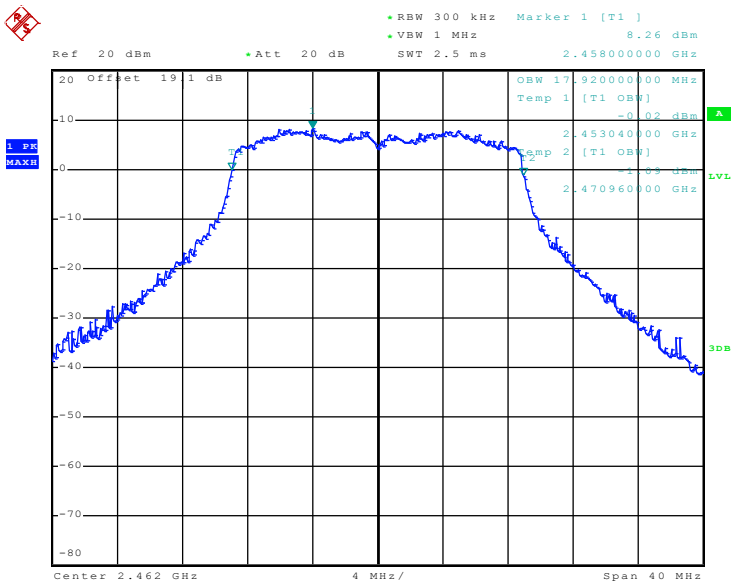
Channel 06 - Chain A+B+C



Date: 16.AUG.2010 18:42:19

Mode 9 : 99% Occupied Bandwidth Plot on 802.11n (BW 20MHz)

Channel 11 - Chain A+B+C



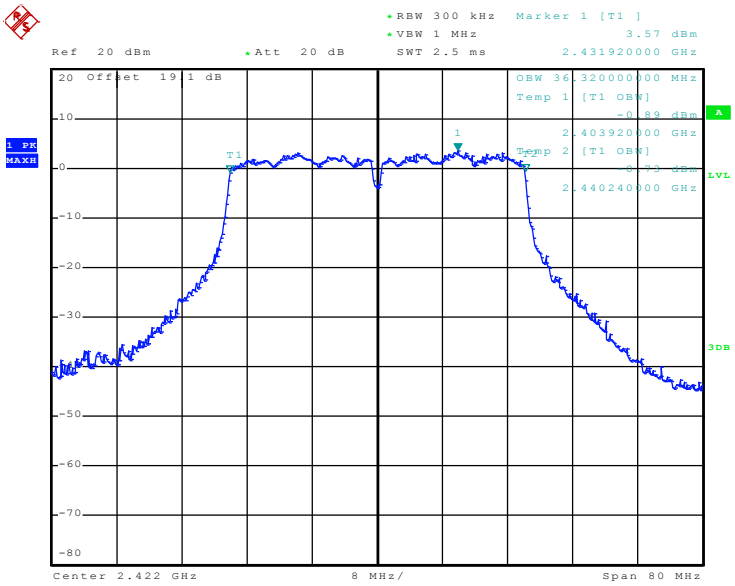
Date: 17.AUG.2010 07:08:03

Test Mode :	Mode 10, 11	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 40MHz, 3Tx) 99% Occupied Bandwidth (MHz)	Pass/Fail
		Chain A+B+C	
03	2422	36.32	Pass
09	2452	36.48	Pass

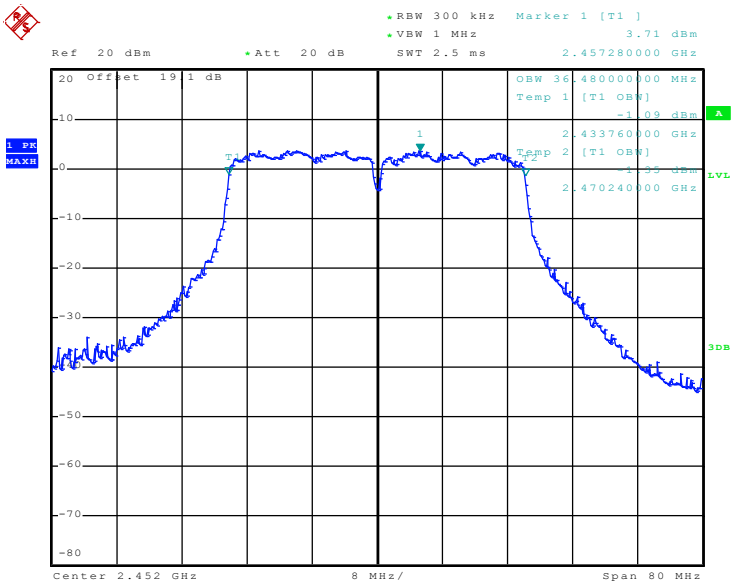
Mode 10 : 99% Occupied Bandwidth Plot on 802.11n (BW 40MHz)

Channel 03 - Chain A+B+C



Mode 11 : 99% Occupied Bandwidth Plot on 802.11n (BW 40MHz)

Channel 09 - Chain A+B+C



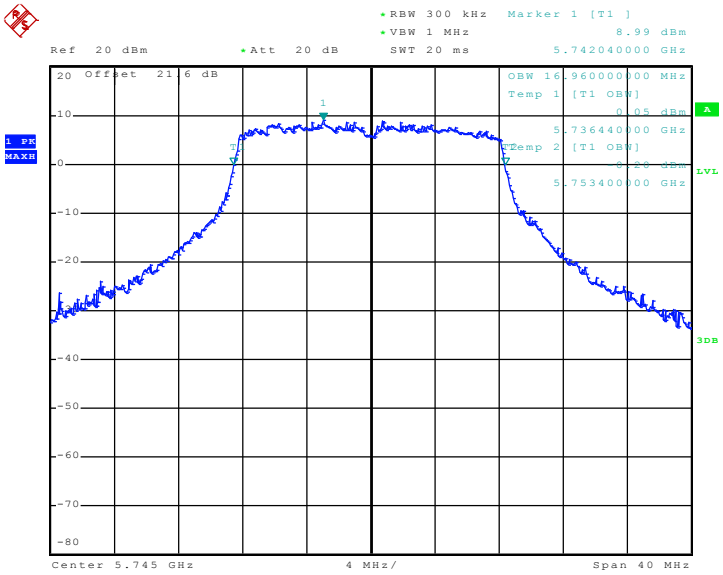
Date: 17.AUG.2010 08:47:37

Test Mode :	Mode 12, 13, 14	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11a 99% Occupied Bandwidth (MHz)	Pass/Fail
		Chain A	
149	5745	16.96	Pass
157	5785	16.96	Pass
165	5825	17.04	Pass

Mode 12 : 99% Occupied Bandwidth Plot on 802.11a Channel 149

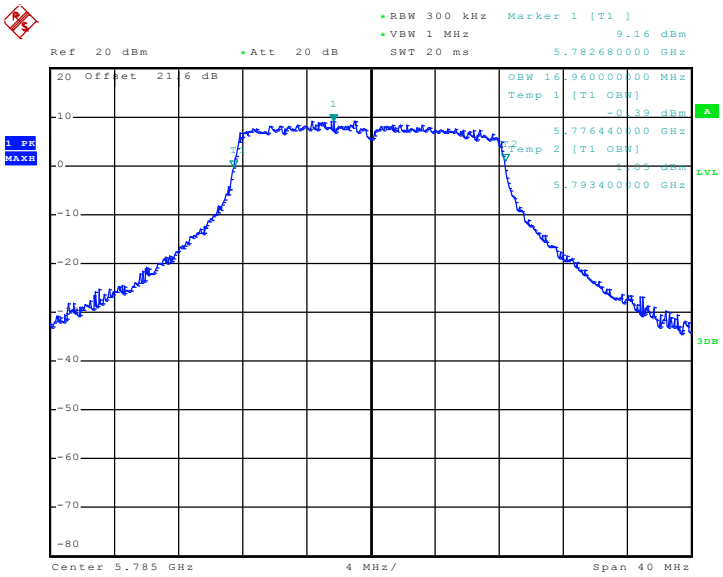
- Chain A



Date: 16.AUG.2010 14:59:30

Mode 13 : 99% Occupied Bandwidth Plot on 802.11a Channel 157

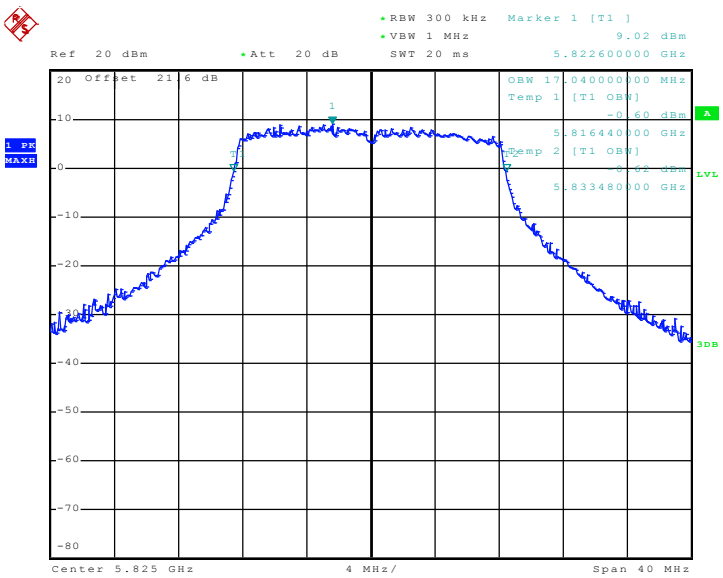
- Chain A



Date: 16.AUG.2010 15:00:27

Mode 14 : 99% Occupied Bandwidth Plot on 802.11a Channel 165

- Chain A



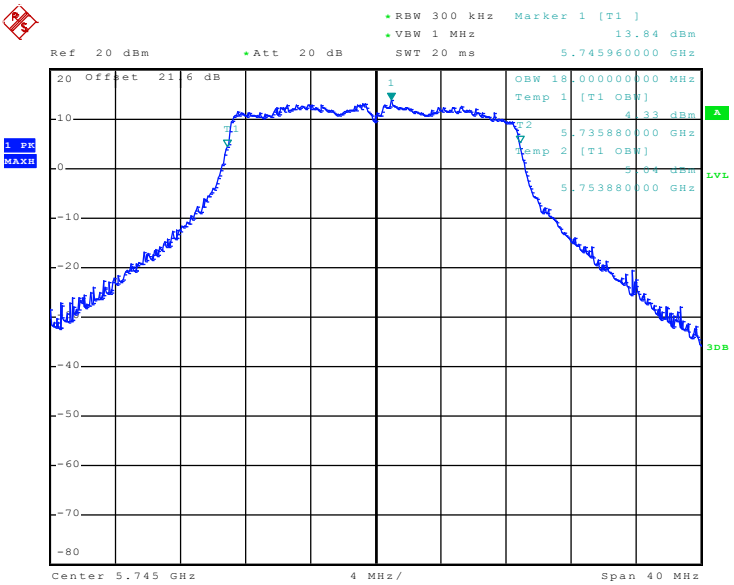
Date: 16.AUG.2010 15:01:09

Test Mode :	Mode 15, 16, 17	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 20MHz, 3Tx) 99% Occupied Bandwidth (MHz)	Pass/Fail
		Chain A+B+C	
149	5745	18.00	Pass
157	5785	18.08	Pass
165	5825	18.08	Pass

Mode 15 : 99% Occupied Bandwidth Plot on 802.11n (BW 20MHz)

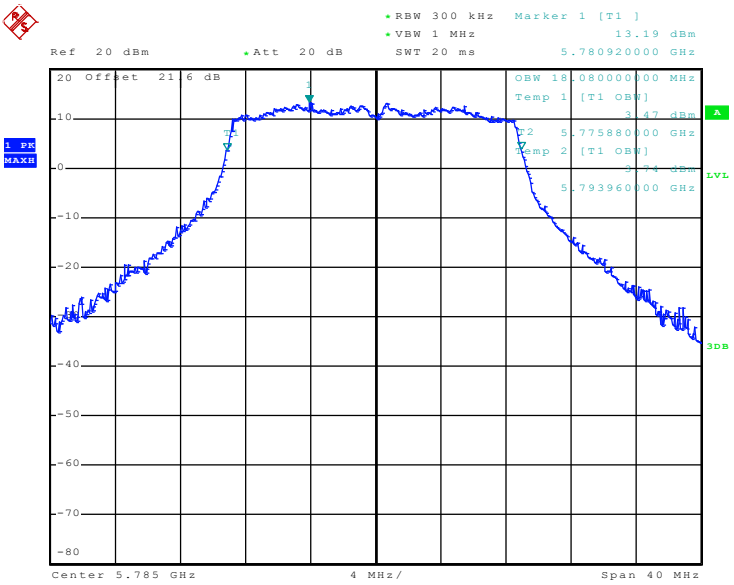
Channel 149 - Chain A+B+C



Date: 16.AUG.2010 16:16:34

Mode 16 : 99% Occupied Bandwidth Plot on 802.11n (BW 20MHz)

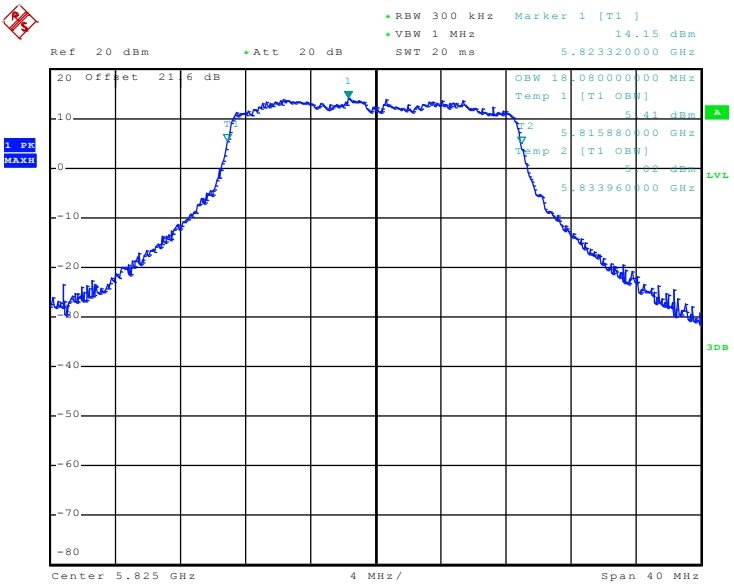
Channel 157 - Chain A+B+C



Date: 16.AUG.2010 16:15:14

Mode 17 : 99% Occupied Bandwidth Plot on 802.11n (BW 20MHz)

Channel 165 - Chain A+B+C



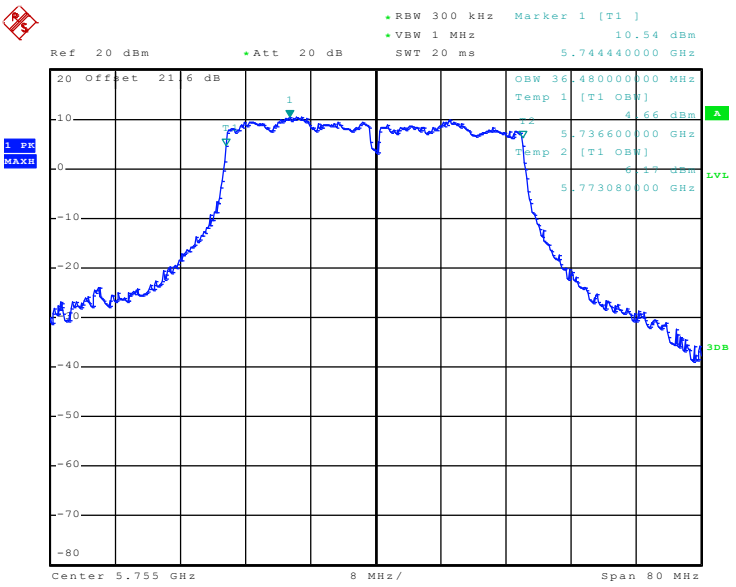
Date: 16.AUG.2010 16:14:30

Test Mode :	Mode 18, 19	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 40MHz, 3Tx) 99% Occupied Bandwidth (MHz)	Pass/Fail
		Chain A+B+C	
151	5755	36.48	Pass
159	5795	36.48	Pass

Mode 18 : 99% Occupied Bandwidth Plot on 802.11n (BW 40MHz)

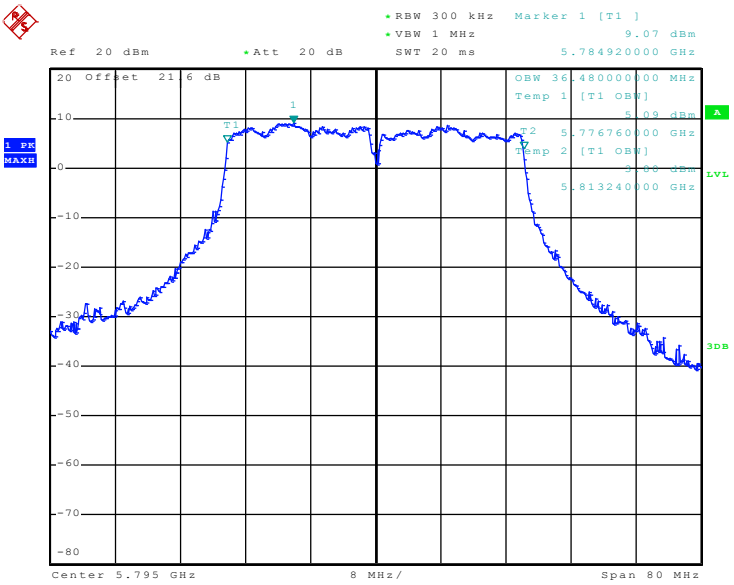
Channel 151 - Chain A+B+C



Date: 17.AUG.2010 04:02:14

Mode 19 : 99% Occupied Bandwidth Plot on 802.11n (BW 40MHz)

Channel 159 - Chain A+B+C



Date: 17.AUG.2010 04:03:10

3.2 Output Power Measurement

3.2.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5MHz and 5725-5850MHz, the limit for peak output power is 30dBm. If transmitting antenna of directional gain greater than 6dBi are used the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

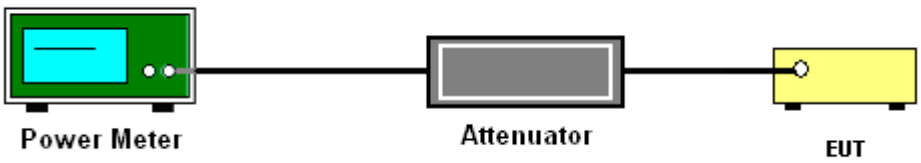
3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

1. The testing follows FCC KDB Publication No. 558074 (Measurement Guidelines of DTS).
2. The RF output of EUT was connected to the power meter by a low loss cable.
3. Measure the power by power meter.

3.2.4 Test Setup



3.2.5 Test Result of Output Power

Test Mode :	Mode 1, 2, 3	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11b Measured Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A		
01	2412	16.78	30	Pass
06	2437	16.76	30	Pass
11	2462	16.40	30	Pass

Test Mode :	Mode 4, 5, 6	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11g Measured Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A		
01	2412	20.57	30	Pass
06	2437	21.82	30	Pass
11	2462	18.90	30	Pass

Test Mode :	Mode 7, 8, 9	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 20MHz, 3Tx) Measured Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A+B+C		
01	2412	24.96	30	Pass
06	2437	25.28	30	Pass
11	2462	23.03	30	Pass

Test Mode :	Mode 10, 11	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 40MHz, 3Tx) Measured Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A+B+C		
03	2422	22.60	30	Pass
09	2452	23.48	30	Pass

Test Mode :	Mode 12, 13, 14	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11a Measured Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A		
149	5745	21.33	30	Pass
157	5785	21.87	30	Pass
165	5825	21.30	30	Pass

Test Mode :	Mode 15, 16, 17	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 20MHz, 3Tx) Measured Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A+B+C		
149	5745	25.76	30	Pass
157	5785	25.73	30	Pass
165	5825	26.15	30	Pass

Test Mode :	Mode 18, 19	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 40MHz, 3Tx) Measured Output Power (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A+B+C		
151	5755	23.25	30	Pass
159	5795	23.16	30	Pass

3.3 Band Edges Measurement

3.3.1 Limit of Band Edges

In any 100 kHz bandwidth outside the intentional radiation frequency band, the radio frequency power shall be at least 20 dB below the highest level of the radiated power. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB.

3.3.2 Measuring Instruments

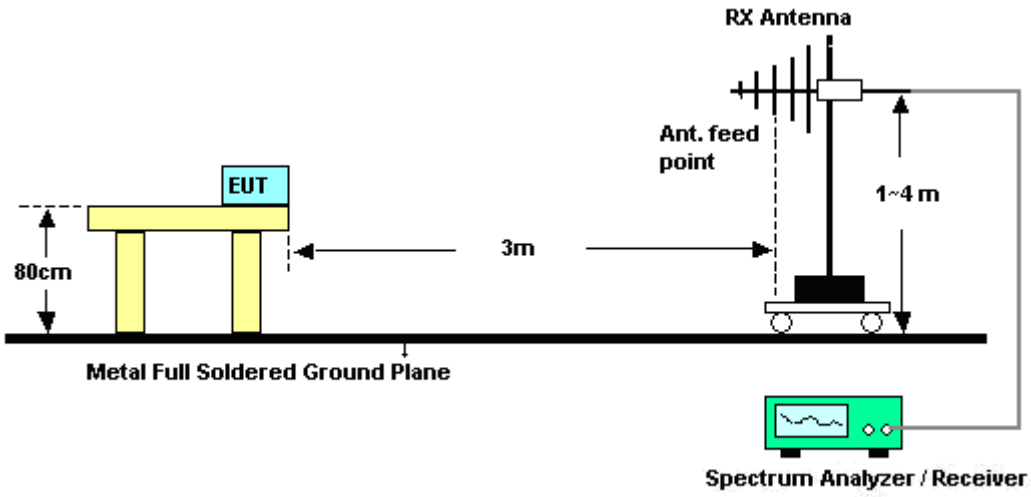
See list of measuring instruments of this test report.

3.3.3 Test Procedures

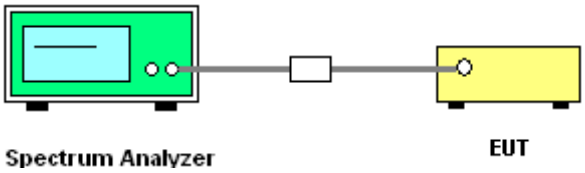
1. The testing follows the guidelines in ANSI C63.4-2003 and FCC KDB Publication No. 558074 (Measurement Guidelines of DTS).
2. Conducted emission test: Set RBW = 100 kHz, Video bandwidth (VBW) > RBW. Band edge emissions must be at least 20 dB below the highest emission level within the authorized band as measured with a 100 kHz RBW. Note: If the output power of this device was measured by power meter, the attenuation under this paragraph shall be 30 dB instead of 20 dB.
3. Radiated emission test: Apply to band edge emissions that fall in the restricted bands listed in FCC Section 15.205. The maximum permitted average field strength is listed in FCC Section 15.209. A pre-amp is necessary for this measurement. For measurements above 1 GHz, set RBW = 1MHz, VBW = 10 Hz, Sweep=Auto. If the emission is pulsed, modify the unit for continuous operation; use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation as in FCC Section 15.35(b) and (c).

3.3.4 Test Setup

<Radiated Band Edges>



<Conducted Band Edges>



3.3.5 Test Result of Radiated Band Edges

Test Mode :	Mode 1	**Temperature :**	24~25°C
Test Band :	802.11b	**Relative Humidity :**	45~47%
Test Channel :	01	**Test Engineer :**	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	**Level (dBuV/m)**	**Over Limit (dB)**	**Limit Line (dBuV/m)**	**Read Level (dBuV)**	**Antenna Factor (dB)**	**Cable Loss (dB)**	**Preamp Factor (dB)**	**Ant Pos (cm)**	**Table Pos (deg)**	**Remark**
2378.21	48.48	-25.52	74	43.91	32.11	5.99	33.53	131	270	Peak
2378.21	35.3	-18.7	54	30.73	32.11	5.99	33.53	131	270	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	**Level (dBuV/m)**	**Over Limit (dB)**	**Limit Line (dBuV/m)**	**Read Level (dBuV)**	**Antenna Factor (dB)**	**Cable Loss (dB)**	**Preamp Factor (dB)**	**Ant Pos (cm)**	**Table Pos (deg)**	**Remark**
2372.89	52	-22	74	47.43	32.11	5.99	33.53	111	349	Peak
2372.89	39.02	-14.98	54	34.45	32.11	5.99	33.53	111	349	Average

Test Mode :	Mode 3	**Temperature :**	24~25°C
Test Band :	802.11b	**Relative Humidity :**	45~47%
Test Channel :	11	**Test Engineer :**	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	**Level (dBuV/m)**	**Over Limit (dB)**	**Limit Line (dBuV/m)**	**Read Level (dBuV)**	**Antenna Factor (dB)**	**Cable Loss (dB)**	**Preamp Factor (dB)**	**Ant Pos (cm)**	**Table Pos (deg)**	**Remark**
2483.5	46.87	-27.13	74	41.98	32.27	6.18	33.56	199	107	Peak
2483.5	35.68	-18.32	54	30.79	32.27	6.18	33.56	199	107	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	**Level (dBuV/m)**	**Over Limit (dB)**	**Limit Line (dBuV/m)**	**Read Level (dBuV)**	**Antenna Factor (dB)**	**Cable Loss (dB)**	**Preamp Factor (dB)**	**Ant Pos (cm)**	**Table Pos (deg)**	**Remark**
2483.5	54.19	-19.81	74	49.3	32.27	6.18	33.56	110	2	Peak
2483.5	42.41	-11.59	54	37.52	32.27	6.18	33.56	110	2	Average

Test Mode :	Mode 4	Temperature :	24~25°C
Test Band :	802.11g	Relative Humidity :	45~47%
Test Channel :	01	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2389.99	54.7	-19.3	74	50.07	32.13	6.03	33.53	131	268	Peak
2389.99	37.86	-16.14	54	33.23	32.13	6.03	33.53	131	268	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2389.99	63.46	-10.54	74	58.83	32.13	6.03	33.53	121	289	Peak
2389.99	45.23	-8.77	54	40.6	32.13	6.03	33.53	121	289	Average

Test Mode :	Mode 6	Temperature :	24~25°C
Test Band :	802.11g	Relative Humidity :	45~47%
Test Channel :	11	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	56.99	-17.01	74	52.1	32.27	6.18	33.56	100	268	Peak
2483.5	39.16	-14.84	54	34.27	32.27	6.18	33.56	100	268	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	66.36	-7.64	74	61.47	32.27	6.18	33.56	109	0	Peak
2483.5	46.61	-7.39	54	41.72	32.27	6.18	33.56	109	0	Average

Test Mode :	Mode 7	Temperature :	24~25°C
Test Band :	802.11n(g) (BW 20MHz)	Relative Humidity :	45~47%
Test Channel :	01	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2389.61	55.97	-18.03	74	51.34	32.13	6.03	33.53	100	95	Peak
2389.61	39.21	-14.79	54	34.58	32.13	6.03	33.53	100	95	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2389.99	65.13	-8.87	74	60.5	32.13	6.03	33.53	150	263	Peak
2389.99	46.48	-7.52	54	41.85	32.13	6.03	33.53	150	263	Average

Test Mode :	Mode 9	Temperature :	24~25°C
Test Band :	802.11n(g) (BW 20MHz)	Relative Humidity :	45~47%
Test Channel :	11	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.85	53.87	-20.13	74	48.98	32.27	6.18	33.56	191	97	Peak
2483.85	36.75	-17.25	54	31.86	32.27	6.18	33.56	191	97	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	59.24	-14.76	74	54.35	32.27	6.18	33.56	102	233	Peak
2483.5	41.71	-12.29	54	36.82	32.27	6.18	33.56	102	233	Average

Test Mode :	Mode 10	Temperature :	24~25°C
Test Band :	802.11n(g) (BW 40MHz)	Relative Humidity :	45~47%
Test Channel :	03	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2388.85	57.78	-16.22	74	53.15	32.13	6.03	33.53	100	97	Peak
2388.85	39.09	-14.91	54	34.46	32.13	6.03	33.53	100	97	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2387.33	68.17	-5.83	74	63.54	32.13	6.03	33.53	154	256	Peak
2387.33	46.14	-7.86	54	41.51	32.13	6.03	33.53	154	256	Average

Test Mode :	Mode 11	Temperature :	24~25°C
Test Band :	802.11n(g) (BW 40MHz)	Relative Humidity :	45~47%
Test Channel :	09	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	55.82	-18.18	74	50.93	32.27	6.18	33.56	100	98	Peak
2483.5	37.57	-16.43	54	32.68	32.27	6.18	33.56	100	98	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	65.02	-8.98	74	60.13	32.27	6.18	33.56	150	233	Peak
2483.5	44.73	-9.27	54	39.84	32.27	6.18	33.56	150	233	Average

Test Mode :	Mode 12	Temperature :	24~25°C
Test Band :	802.11n(g) (BW 40MHz)	Relative Humidity :	45~47%
Test Channel :	03	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2387.9	60.53	-13.47	74	55.9	32.13	6.03	33.53	103	278	Peak
2387.9	40.26	-13.74	54	35.63	32.13	6.03	33.53	103	278	Average

ANTENNA POLARITY : HORIZONTAL										
ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2387.9	70.37	-3.63	74	65.74	32.13	6.03	33.53	148	266	Peak
2387.9	48.33	-5.67	54	43.7	32.13	6.03	33.53	148	266	Average

Test Mode :	Mode 24	Temperature :	24~25°C
Test Band :	802.11b	Relative Humidity :	45~47%
Test Channel :	01	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2385.81	57.26	-16.74	74	52.63	32.13	6.03	33.53	109	358	Peak
2385.81	47.18	-6.82	54	42.55	32.13	6.03	33.53	109	358	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2388.66	48.72	-25.28	74	44.09	32.13	6.03	33.53	100	250	Peak
2388.66	36.74	-17.26	54	32.11	32.13	6.03	33.53	100	250	Average

Test Mode :	Mode 26	Temperature :	24~25°C
Test Band :	802.11b	Relative Humidity :	45~47%
Test Channel :	11	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2484.42	56.99	-17.01	74	52.1	32.27	6.18	33.56	108	10	Peak
2484.42	46.45	-7.55	54	41.56	32.27	6.18	33.56	108	10	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2498	47.59	-26.41	74	42.68	32.3	6.18	33.57	100	235	Peak
2498	36.6	-17.4	54	31.69	32.3	6.18	33.57	100	235	Average

Test Mode :	Mode 27	Temperature :	24~25°C
Test Band :	802.11g	Relative Humidity :	45~47%
Test Channel :	01	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390	72.06	-1.94	74	67.43	32.13	6.03	33.53	110	0	Peak
2390	52.02	-1.98	54	47.39	32.13	6.03	33.53	110	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390	53.32	-20.68	74	48.69	32.13	6.03	33.53	100	294	Peak
2390	37.78	-16.22	54	33.15	32.13	6.03	33.53	100	294	Average

Test Mode :	Mode 29	Temperature :	24~25°C
Test Band :	802.11g	Relative Humidity :	45~47%
Test Channel :	11	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	72.29	-1.71	74	67.4	32.27	6.18	33.56	108	8	Peak
2483.5	52.05	-1.95	54	47.16	32.27	6.18	33.56	108	8	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	54.86	-19.14	74	49.97	32.27	6.18	33.56	100	235	Peak
2483.5	38.67	-15.33	54	33.78	32.27	6.18	33.56	100	235	Average

Test Mode :	Mode 30	Temperature :	24~25°C
Test Band :	802.11n(a) (BW 20MHz)	Relative Humidity :	45~47%
Test Channel :	01	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390	72.14	-1.86	74	67.51	32.13	6.03	33.53	110	0	Peak
2390	52.47	-1.53	54	47.84	32.13	6.03	33.53	110	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390	57.37	-16.63	74	52.74	32.13	6.03	33.53	103	26	Peak
2390	39.59	-14.41	54	34.96	32.13	6.03	33.53	103	26	Average

Test Mode :	Mode 32	Temperature :	24~25°C
Test Band :	802.11n(a) (BW 20MHz)	Relative Humidity :	45~47%
Test Channel :	11	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	72.02	-1.98	74	67.13	32.27	6.18	33.56	128	360	Peak
2483.5	51.26	-2.74	54	46.37	32.27	6.18	33.56	128	360	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	50.11	-23.89	74	45.22	32.27	6.18	33.56	100	221	Peak
2483.5	36.55	-17.45	54	31.66	32.27	6.18	33.56	100	221	Average

Test Mode :	Mode 33	Temperature :	24~25°C
Test Band :	802.11n(a) (BW 40MHz)	Relative Humidity :	45~47%
Test Channel :	03	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390	72.46	-1.54	74	67.83	32.13	6.03	33.53	115	360	Peak
2390	51.55	-2.45	54	46.92	32.13	6.03	33.53	115	360	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2390	57.98	-16.02	74	53.35	32.13	6.03	33.53	103	28	Peak
2390	39.36	-14.64	54	34.73	32.13	6.03	33.53	103	28	Average

Test Mode :	Mode 34	Temperature :	24~25°C
Test Band :	802.11n(a) (BW 40MHz)	Relative Humidity :	45~47%
Test Channel :	09	Test Engineer :	Ivan Jiang

ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	69.6	-4.4	74	64.71	32.27	6.18	33.56	130	0	Peak
2483.5	52.79	-1.21	54	47.9	32.27	6.18	33.56	130	0	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	56.55	-17.45	74	51.66	32.27	6.18	33.56	100	27	Peak
2483.5	38.49	-15.51	54	33.6	32.27	6.18	33.56	100	27	Average

Test Mode :	Mode 35	Temperature :	24~25°C
Test Band :	802.11n(a) (BW 40MHz)	Relative Humidity :	45~47%
Test Channel :	09	Test Engineer :	Ivan Jiang

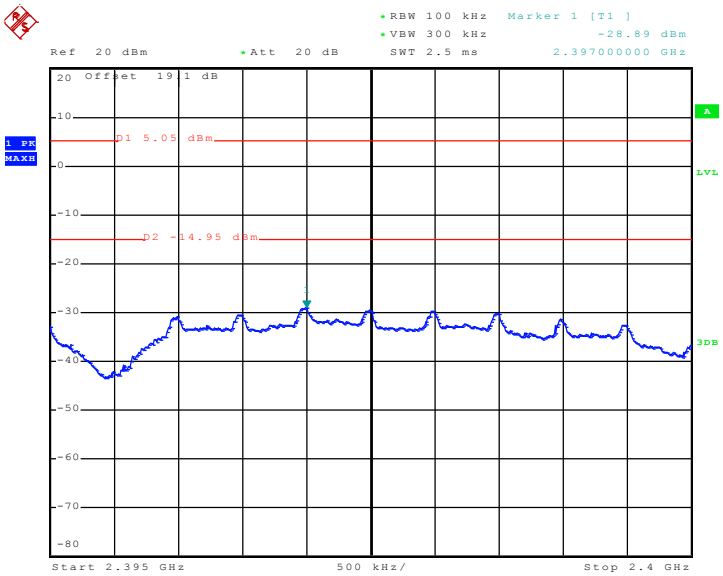
ANTENNA POLARITY : HORIZONTAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	72.93	-1.07	74	68.04	32.27	6.18	33.56	140	360	Peak
2483.5	53.27	-0.73	54	48.38	32.27	6.18	33.56	140	360	Average

ANTENNA POLARITY : VERTICAL										
Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
2483.5	51	-23	74	46.11	32.27	6.18	33.56	100	93	Peak
2483.5	35.85	-18.15	54	30.96	32.27	6.18	33.56	100	93	Average

3.3.6 Test Result of Conducted Band Edges

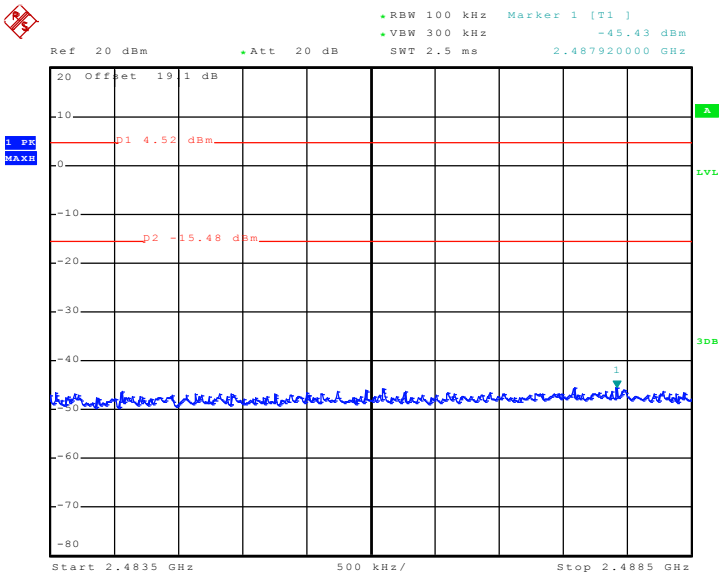
Test Mode :	Mode 1 and 3	**Temperature :**	25~27℃
Test Band :	802.11b	**Relative Humidity :**	48~51%
Test Channel :	01 and 11	**Test Engineer :**	Ken Hsu and Mac Lin

Low Band Edge Plot on 802.11b Channel 01



Date: 17.AUG.2010 05:33:50

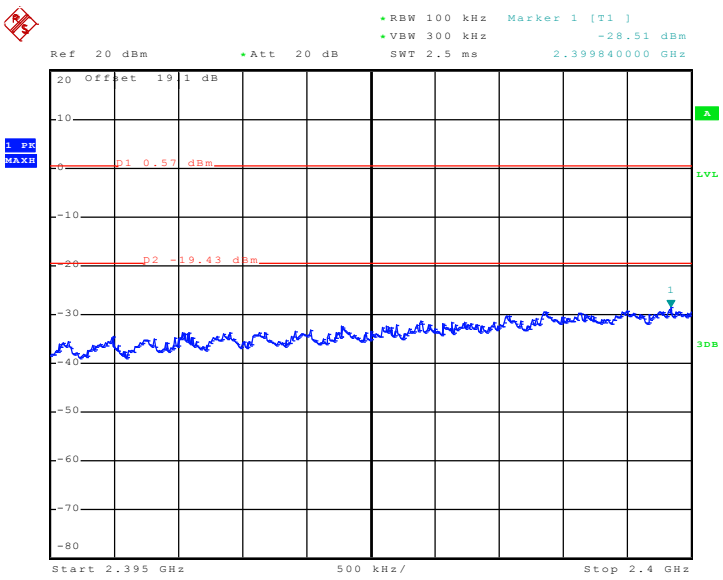
High Band Edge Plot on 802.11b Channel 11



Date: 16.AUG.2010 10:24:42

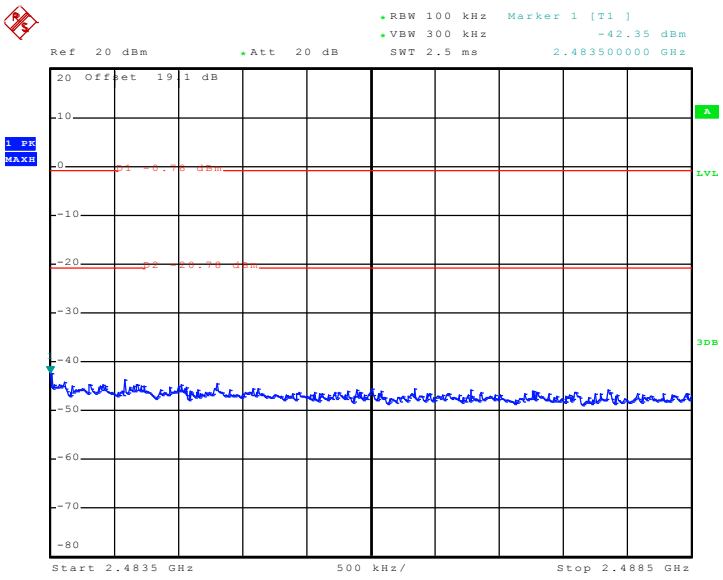
Test Mode :	Mode 4 and 6	**Temperature :**	25~27℃
Test Band :	802.11g	**Relative Humidity :**	48~51%
Test Channel :	01 and 11	**Test Engineer :**	Ken Hsu and Mac Lin

Low Band Edge Plot on 802.11g Channel 01



Date: 17.AUG.2010 06:01:18

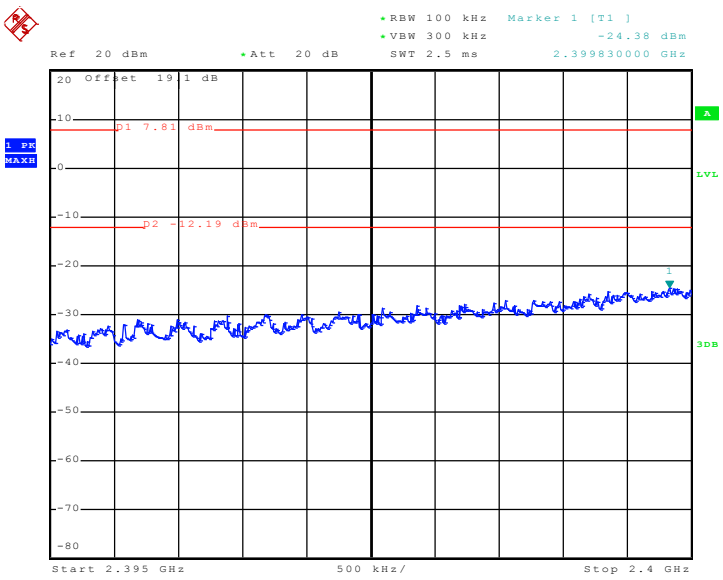
High Band Edge Plot on 802.11g Channel 11



Date: 17.AUG.2010 06:06:45

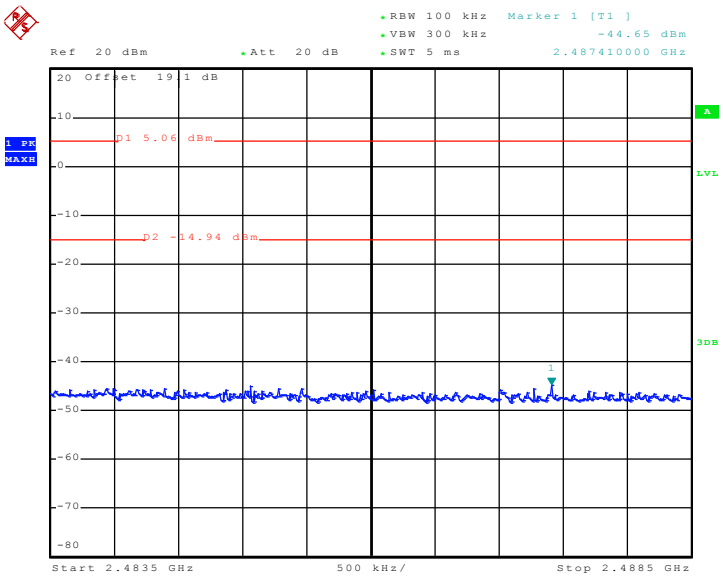
Test Mode :	Mode 7 and 9	**Temperature :**	25~27℃
Test Band :	802.11n (BW 20MHz)	**Relative Humidity :**	48~51%
Test Channel :	01 and 11	**Test Engineer :**	Ken Hsu and Mac Lin

Low Band Edge Plot on 802.11n (BW 20MHz) Channel 01



Date: 17.AUG.2010 06:55:41

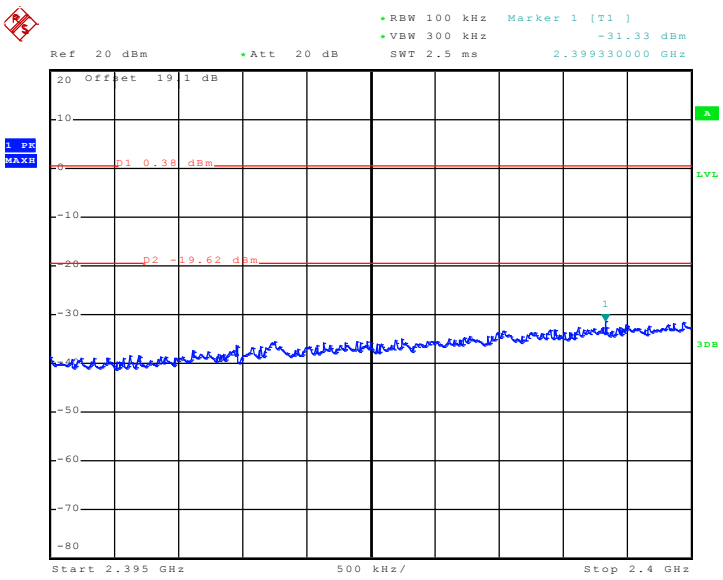
High Band Edge Plot on 802.11n (BW 20MHz) Channel 11



Date: 17.AUG.2010 06:59:16

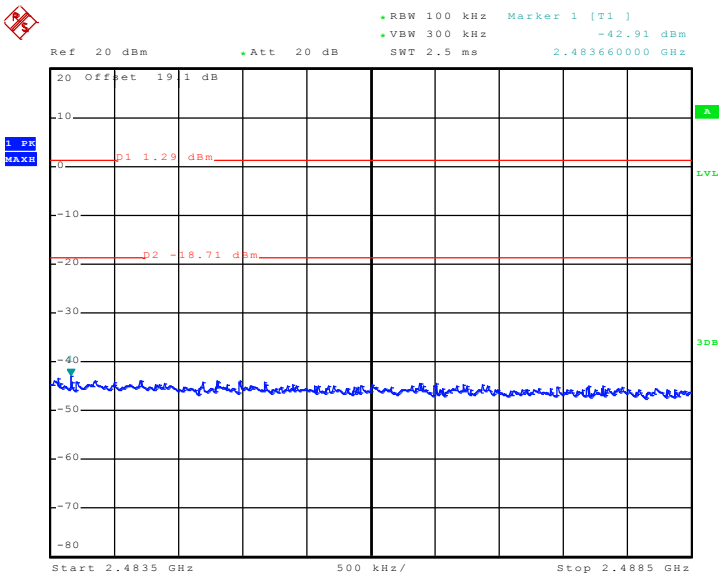
Test Mode :	Mode 10 and 11	**Temperature :**	25~27℃
Test Band :	802.11n (BW 40MHz)	**Relative Humidity :**	48~51%
Test Channel :	03 and 09	**Test Engineer :**	Ken Hsu and Mac Lin

Low Band Edge Plot on 802.11n (BW 40MHz) Channel 03



Date: 17.AUG.2010 08:41:31

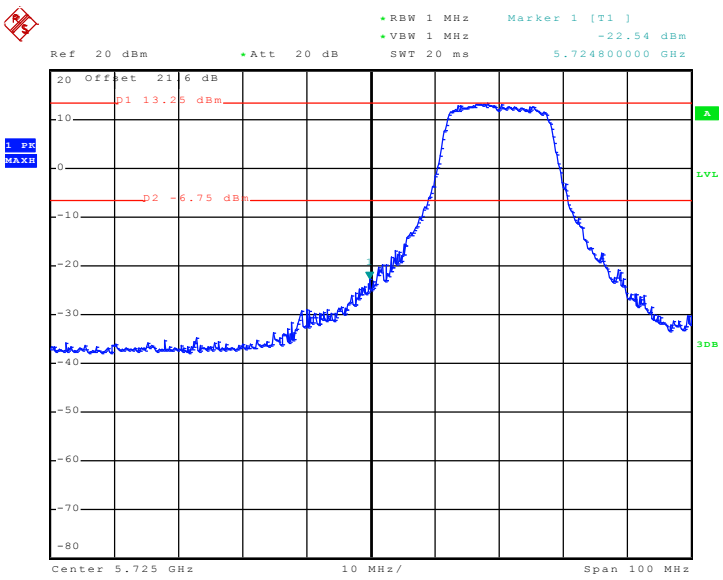
High Band Edge Plot on 802.11n (BW 40MHz) Channel 09



Date: 17.AUG.2010 08:45:06

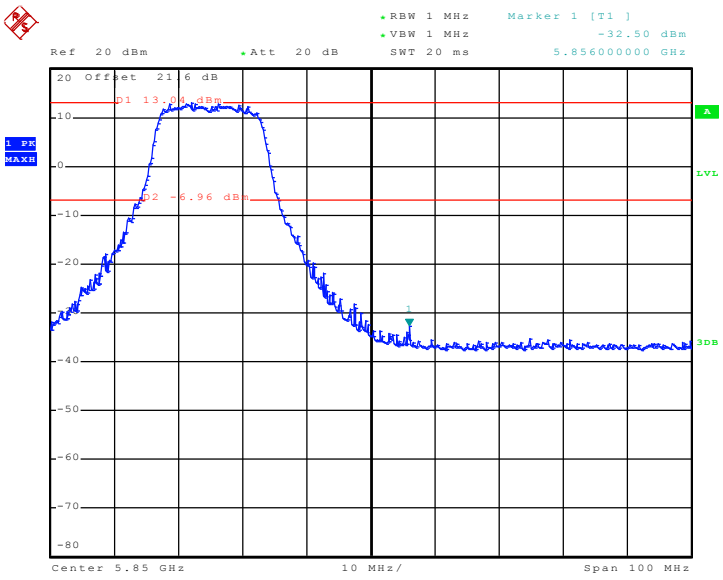
Test Mode :	Mode 12 and 14	**Temperature :**	25~27℃
Test Band :	802.11a	**Relative Humidity :**	48~51%
Test Channel :	149 and 165	**Test Engineer :**	Ken Hsu and Mac Lin

Low Band Edge Plot on 802.11a Channel 149



Date: 16.AUG.2010 15:05:57

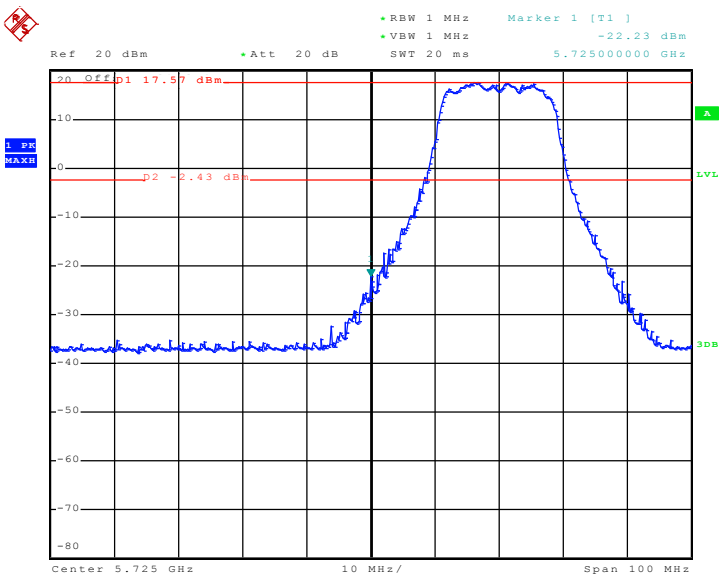
High Band Edge Plot on 802.11a Channel 165



Date: 16.AUG.2010 15:04:19

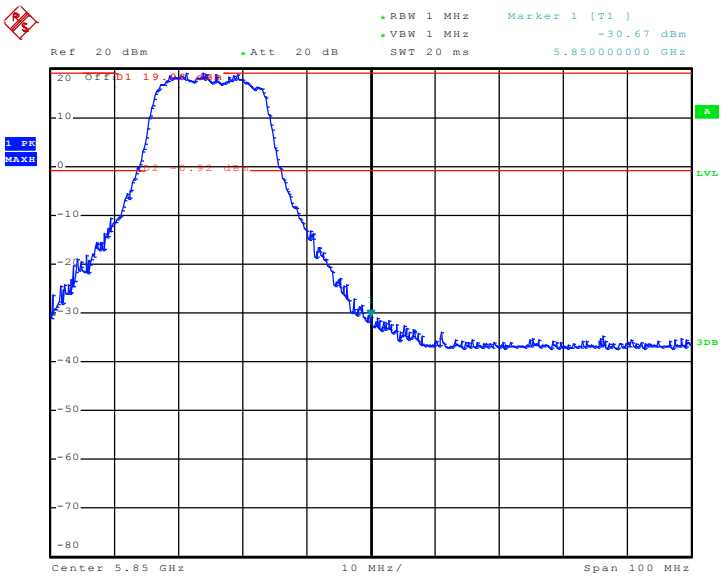
Test Mode :	Mode 15 and 17	**Temperature :**	25~27℃
Test Band :	802.11n (BW 20MHz)	**Relative Humidity :**	48~51%
Test Channel :	149 and 165	**Test Engineer :**	Ken Hsu and Mac Lin

Low Band Edge Plot on 802.11n (BW 20MHz) Channel 149



Date: 16.AUG.2010 16:17:42

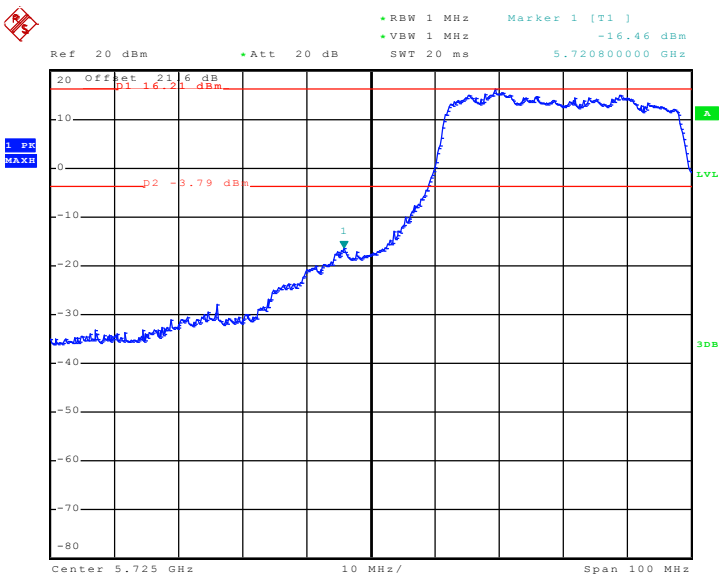
High Band Edge Plot on 802.11n (BW 20MHz) Channel 165



Date: 16.AUG.2010 16:19:10

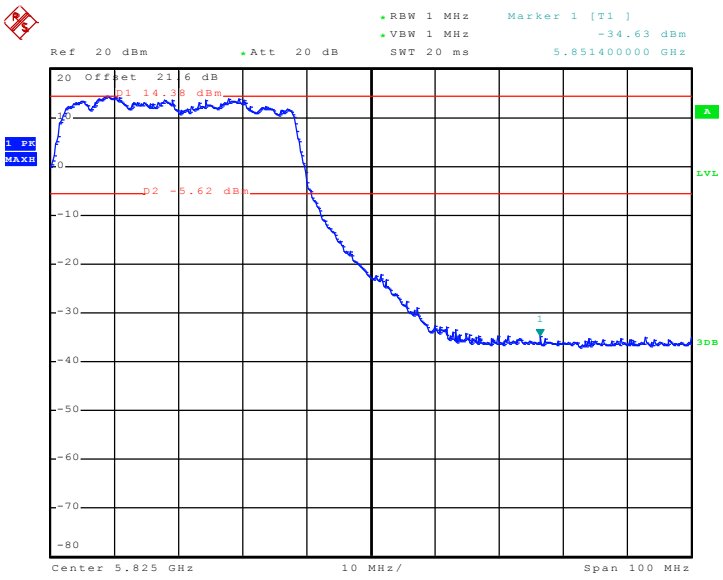
Test Mode :	Mode 18 and 19	**Temperature :**	25~27℃
Test Band :	802.11n (BW 40MHz)	**Relative Humidity :**	48~51%
Test Channel :	151 and 159	**Test Engineer :**	Ken Hsu and Mac Lin

Low Band Edge Plot on 802.11n Channel 151



Date: 17.AUG.2010 04:12:43

High Band Edge Plot on 802.11n Channel 159



Date: 17.AUG.2010 04:22:43

3.4 Spurious Emission Measurement

3.4.1 Limit of Spurious Emission Measurement

All harmonics/spurs must be at least 20 dB down from the highest emission level within the authorized band.

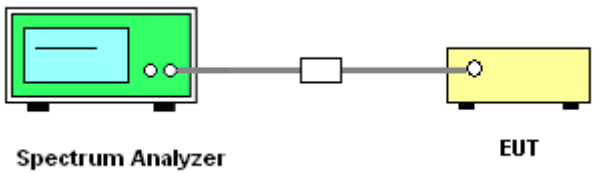
3.4.2 Measuring Instruments

See list of measuring instruments of this test report.

3.4.3 Test Procedure

1. The transmitter output was connected to the spectrum analyzer via a low lose cable.
2. Set RBW = 100 kHz, Video bandwidth (VBW) > RBW, scan up through 10th harmonic. All harmonics/spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.

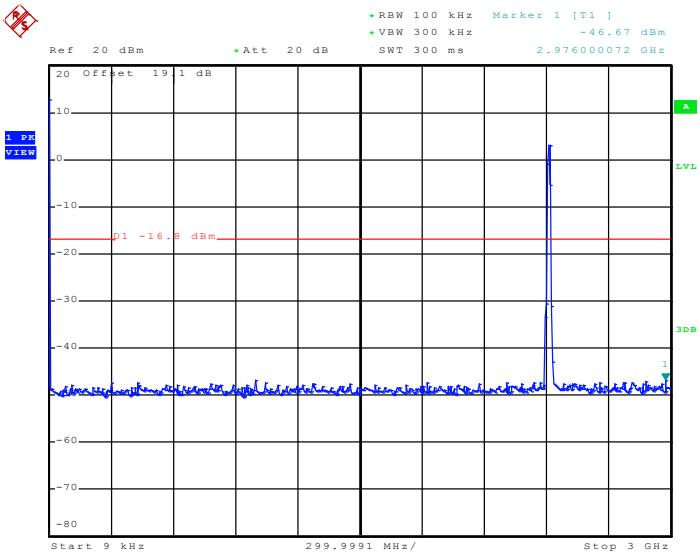
3.4.4 Test Setup



3.4.5 Test Result

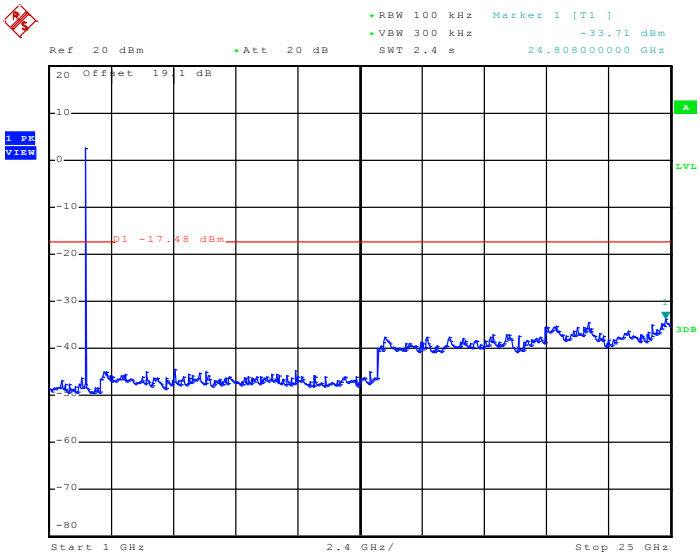
Test Mode :	Mode 1, 2, 3	**Temperature :**	25~27℃
Test Band :	802.11b	**Relative Humidity :**	48~51%
Test Channel :	01, 06, 11	**Test Engineer :**	Ken Hsu and Mac Lin

Mode 1: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A



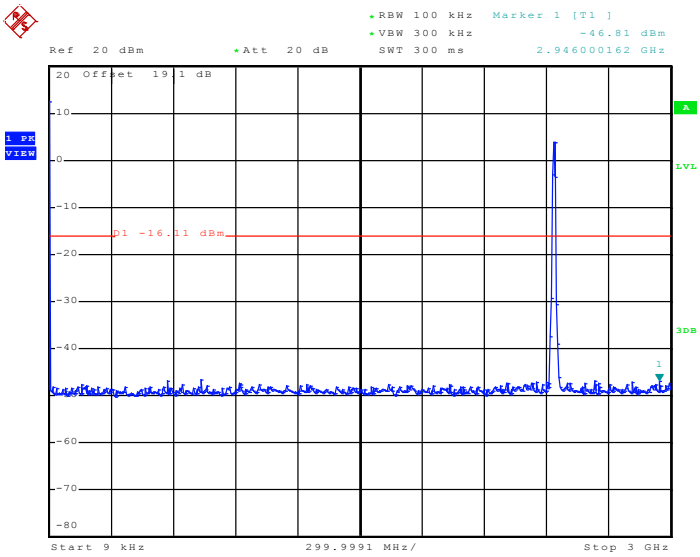
Date: 17.AUG.2010 05:35:54

Mode 1: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A



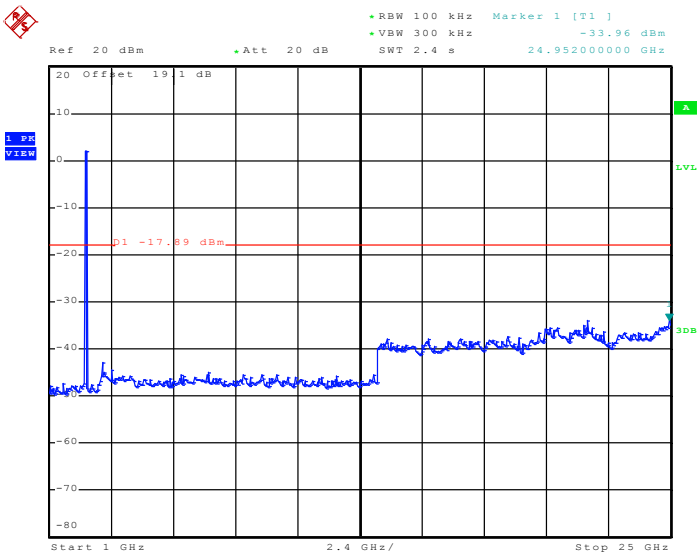
Date: 17.AUG.2010 05:37:16

Mode 2: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A



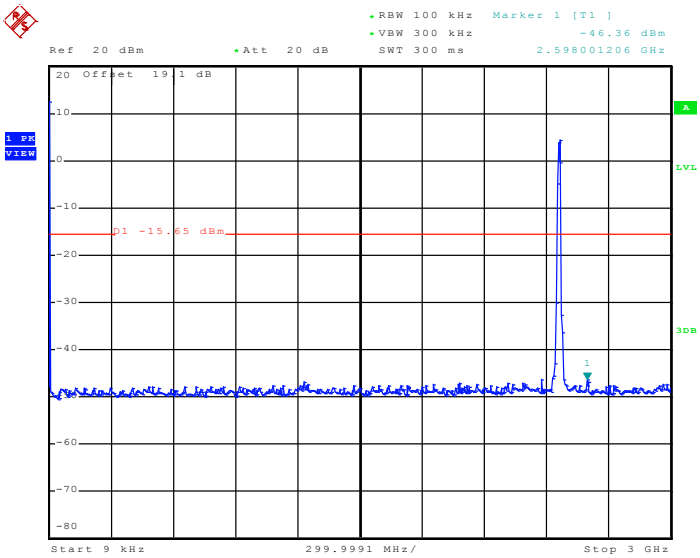
Date: 16.AUG.2010 11:37:47

Mode 2: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A



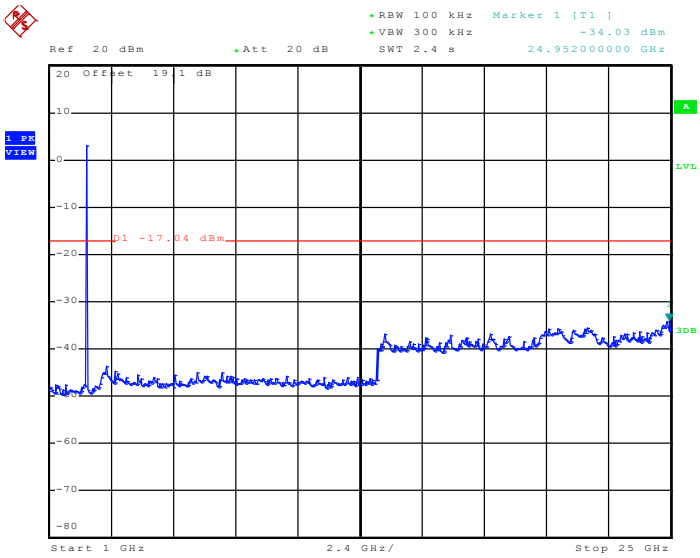
Date: 16.AUG.2010 11:38:10

Mode 3: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A



Date: 16.AUG.2010 11:38:45

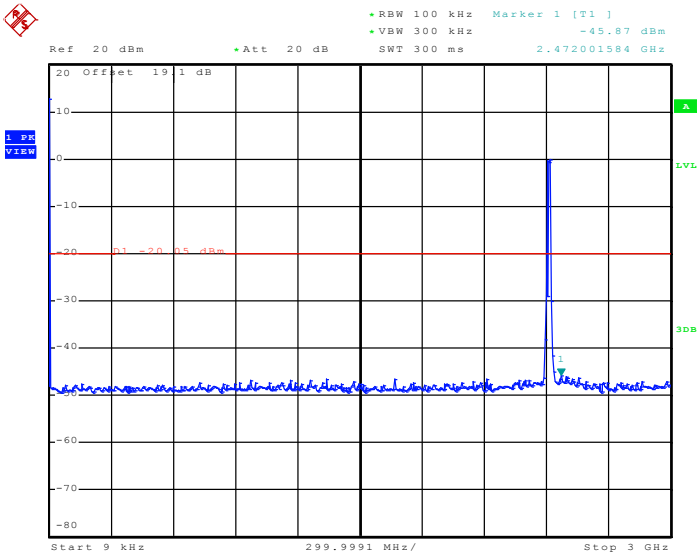
Mode 3: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A



Date: 16.AUG.2010 11:39:06

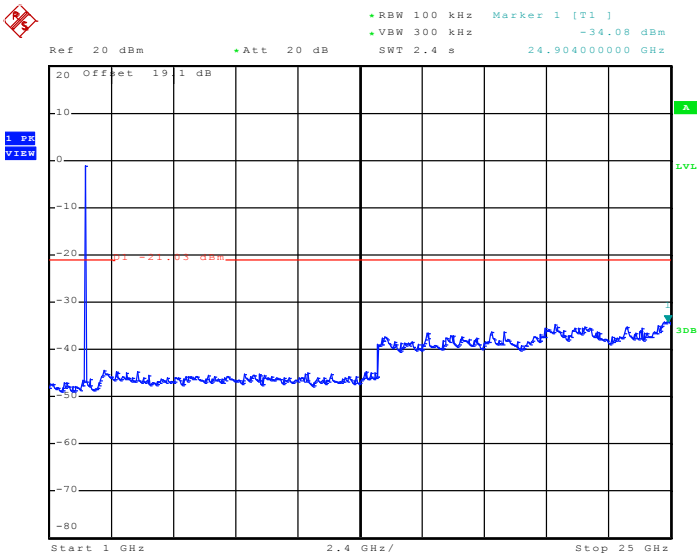
Test Mode :	Mode 4, 5, 6	**Temperature :**	25~27℃
Test Band :	802.11g	**Relative Humidity :**	48~51%
Test Channel :	01, 06, 11	**Test Engineer :**	Ken Hsu and Mac Lin

Mode 4: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A



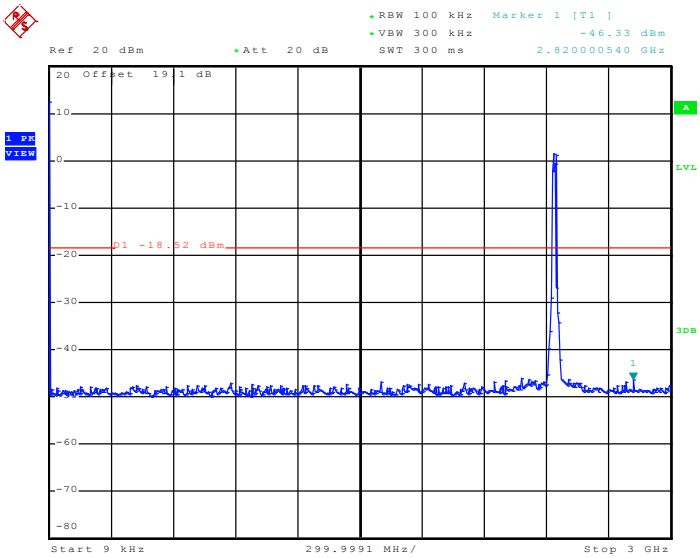
Date: 17.AUG.2010 06:46:20

Mode 4: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A



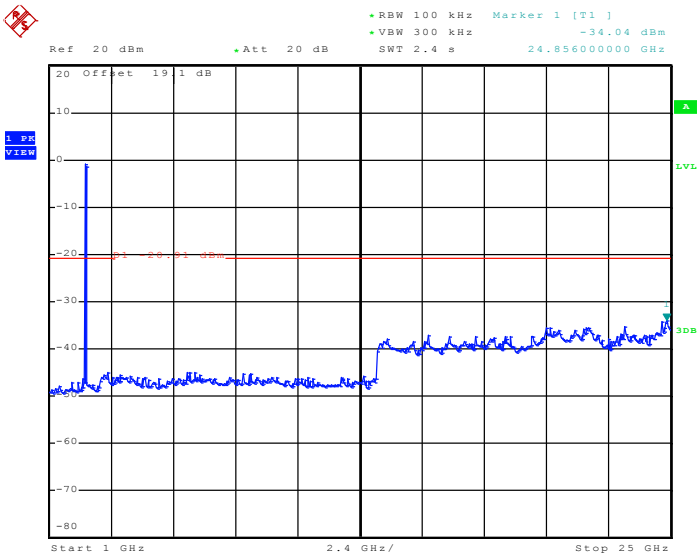
Date: 17.AUG.2010 06:14:17

Mode 5: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A



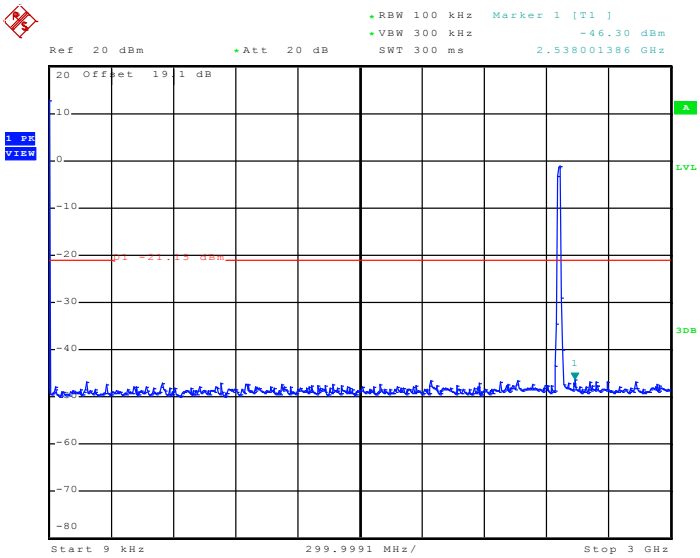
Date: 16.AUG.2010 13:14:35

Mode 5: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A



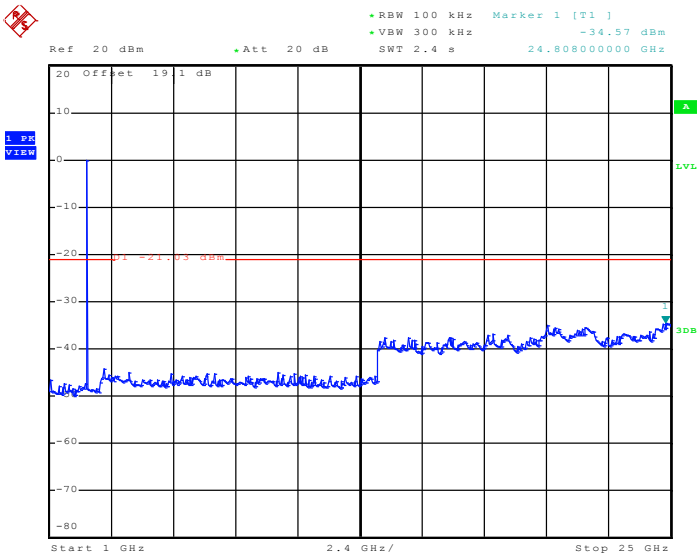
Date: 16.AUG.2010 13:14:53

Mode 6: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A



Date: 17.AUG.2010 06:16:25

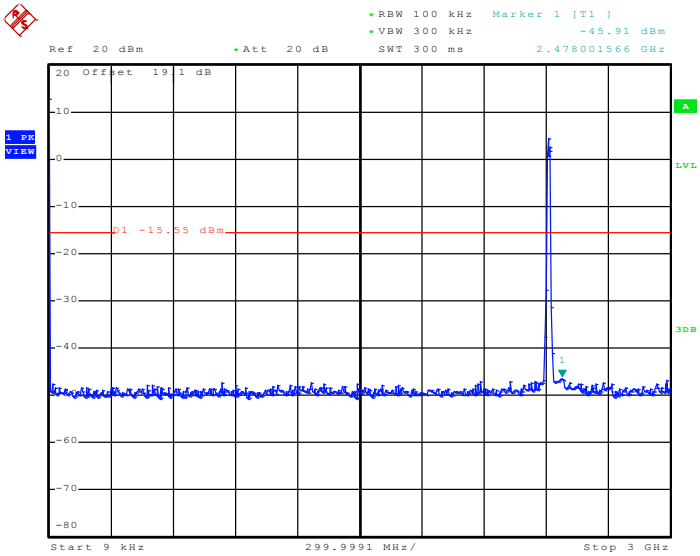
Mode 6: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A



Date: 17.AUG.2010 06:15:03

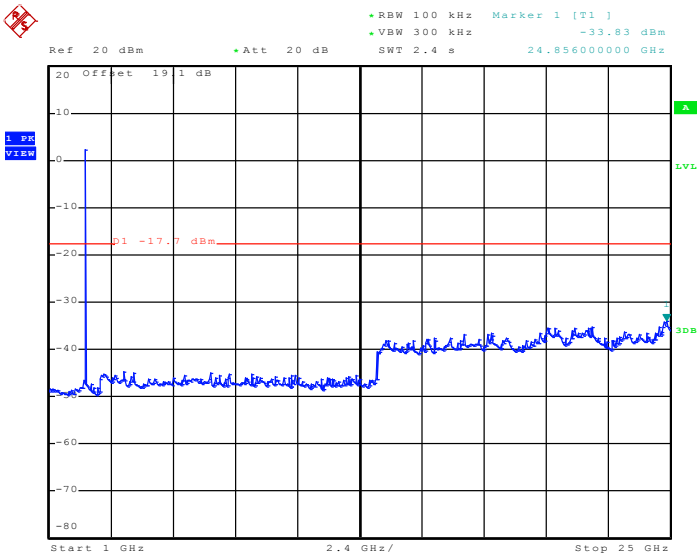
Test Mode :	Mode 7, 8, 9	**Temperature :**	25~27℃
Test Band :	802.11n (BW 20MHz, 3Tx)	**Relative Humidity :**	48~51%
Test Channel :	01, 06, 11	**Test Engineer :**	Ken Hsu and Mac Lin

Mode 7: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A+B+C



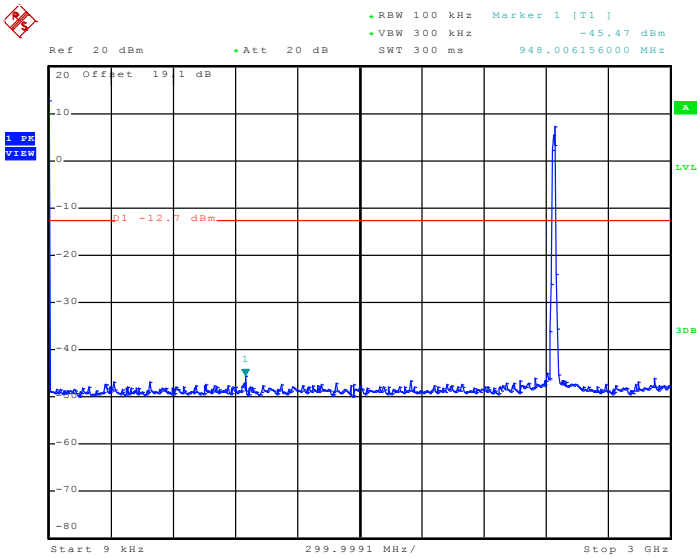
Date: 17.AUG.2010 07:05:46

Mode 7: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A+B+C



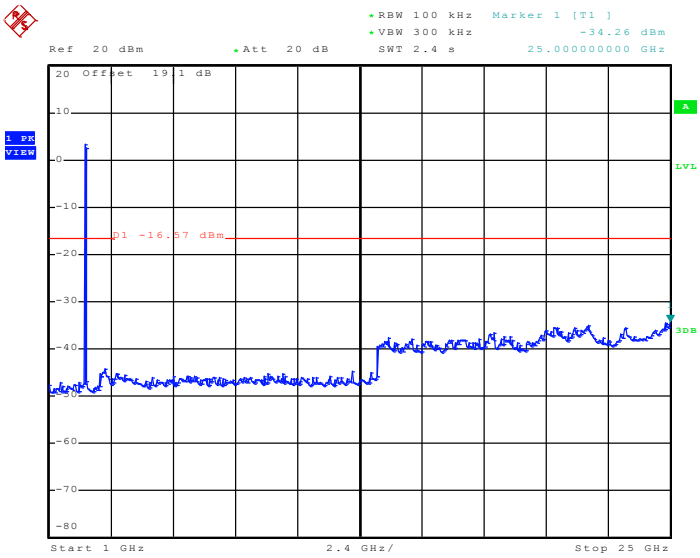
Date: 17.AUG.2010 07:04:51

Mode 8: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A+B+C



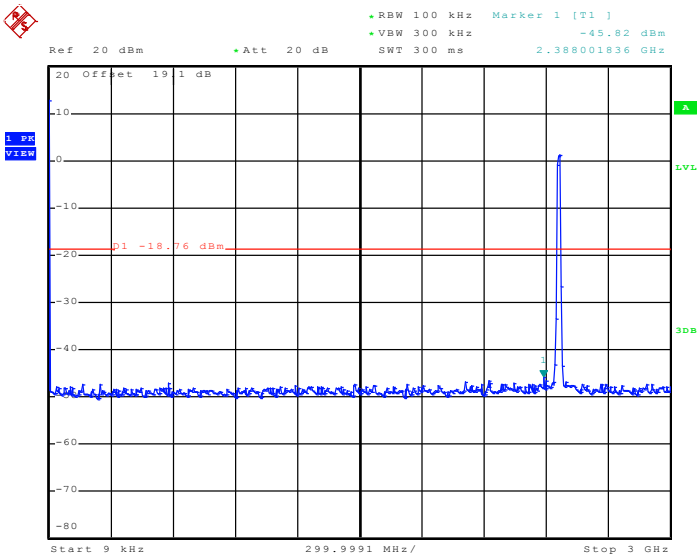
Date: 16.AUG.2010 21:00:19

Mode 8: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A+B+C



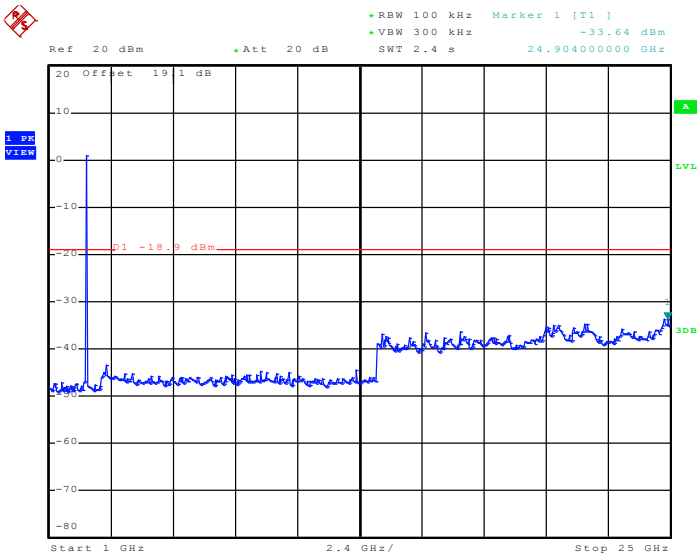
Date: 16.AUG.2010 20:59:13

Mode 9: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A+B+C



Date: 17.AUG.2010 07:02:37

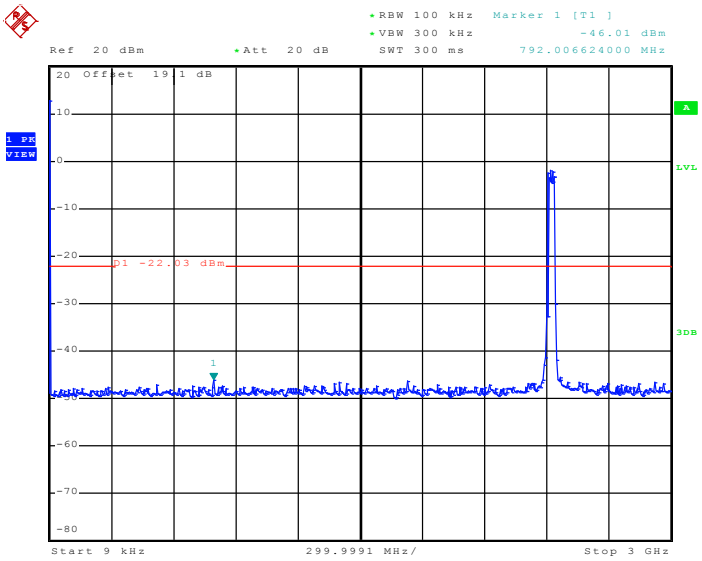
Mode 9: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A+B+C



Date: 17.AUG.2010 07:03:49

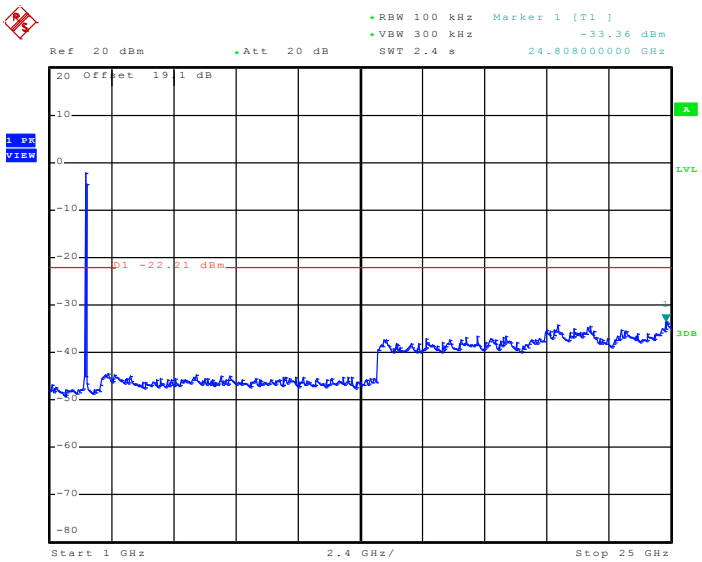
Test Mode :	Mode 10, 11	**Temperature :**	25~27℃
Test Band :	802.11n (BW 40MHz, 3Tx)	**Relative Humidity :**	48~51%
Test Channel :	03, 09	**Test Engineer :**	Ken Hsu and Mac Lin

Mode 10: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A+B+C



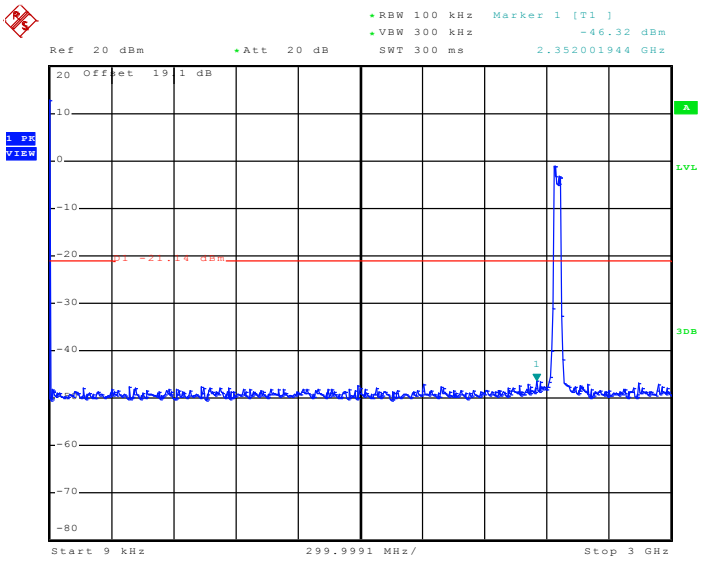
Date: 17.AUG.2010 08:51:02

Mode 10: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A+B+C



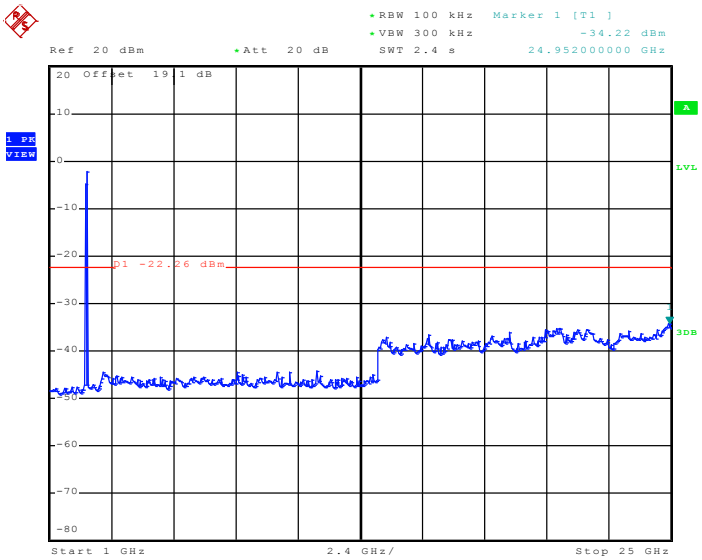
Date: 17.AUG.2010 08:52:39

Mode 11: Conducted Spurious Emission Plot between 9 kHz ~ 3 GHz - Chain A+B+C



Date: 17.AUG.2010 08:55:08

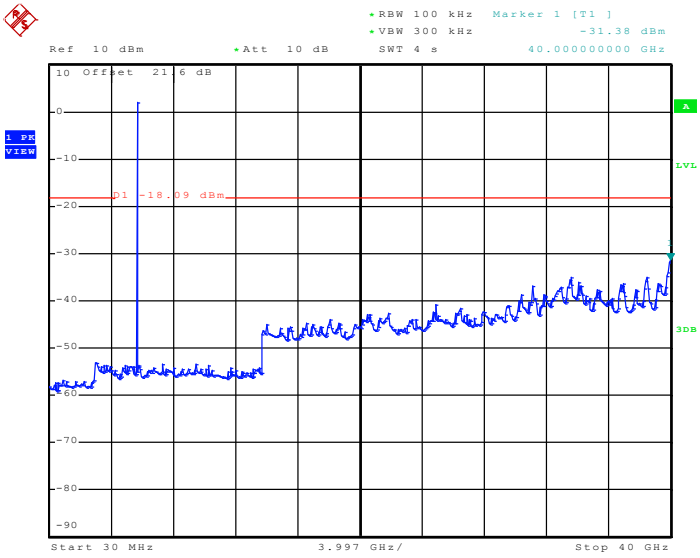
Mode 11: Conducted Spurious Emission Plot between 1 GHz ~ 25 GHz - Chain A+B+C



Date: 17.AUG.2010 08:54:10

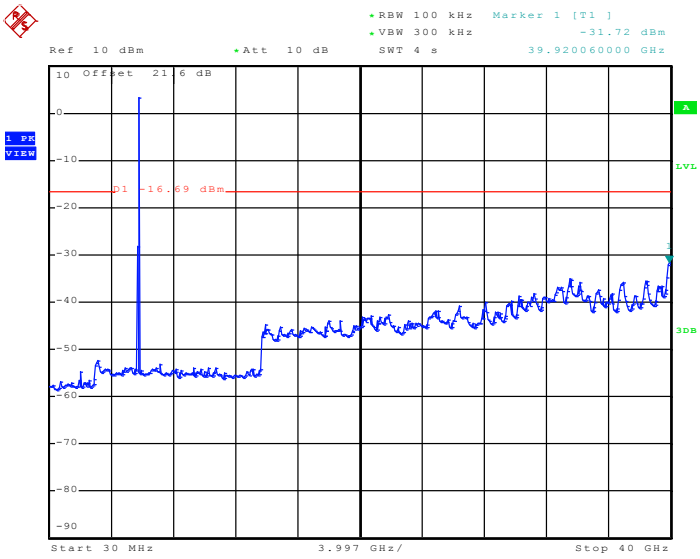
Test Mode :	Mode 12, 13, 14	**Temperature :**	25~27℃
Test Band :	802.11a	**Relative Humidity :**	48~51%
Test Channel :	149, 157, 165	**Test Engineer :**	Ken Hsu and Mac Lin

Mode 12: Conducted Spurious Emission Plot between 30 MHz ~ 40 GHz - Chain A



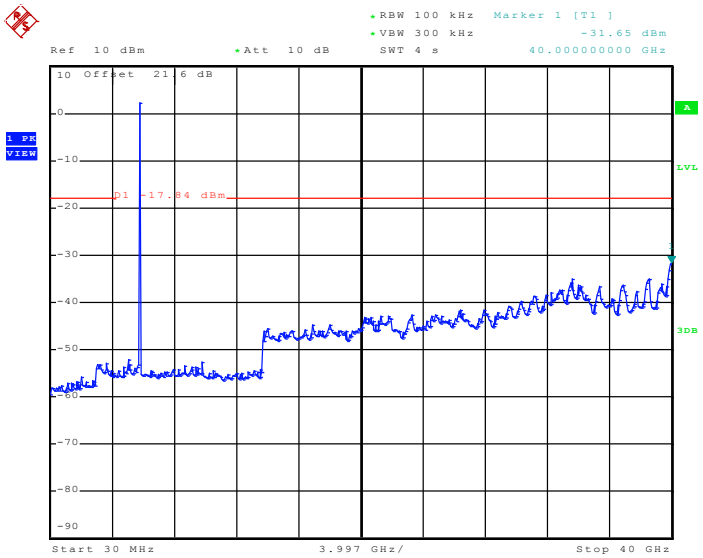
Date: 16.AUG.2010 15:19:41

Mode 13: Conducted Spurious Emission Plot between 30 MHz ~ 40 GHz - Chain A



Date: 16.AUG.2010 15:20:50

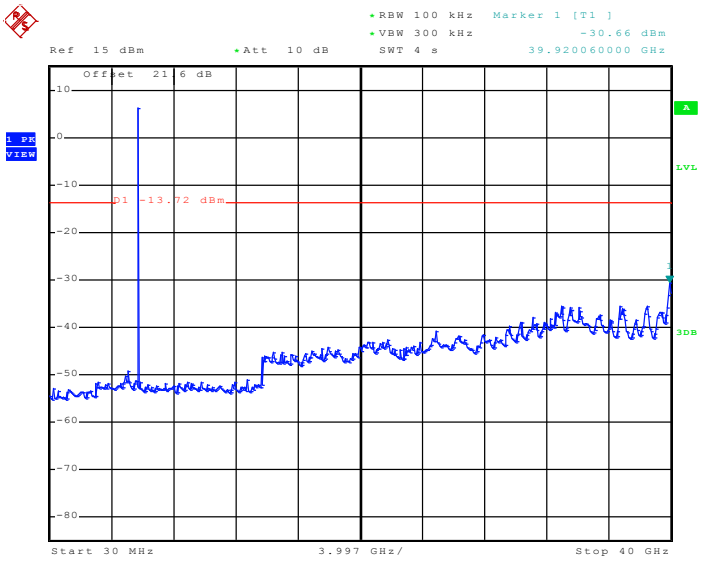
Mode 14: Conducted Spurious Emission Plot between 30 MHz ~ 40 GHz - Chain A



Date: 16.AUG.2010 15:22:06

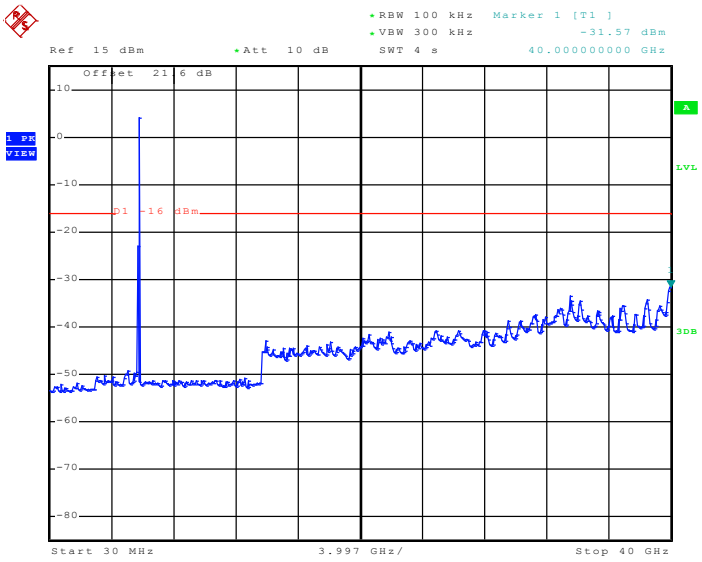
Test Mode :	Mode 15, 16, 17	**Temperature :**	25~27℃
Test Band :	802.11n (BW 20MHz, 3Tx)	**Relative Humidity :**	48~51%
Test Channel :	149, 157, 165	**Test Engineer :**	Ken Hsu and Mac Lin

Mode 15: Conducted Spurious Emission Plot between 30 MHz ~ 40 GHz - Chain A+B+C



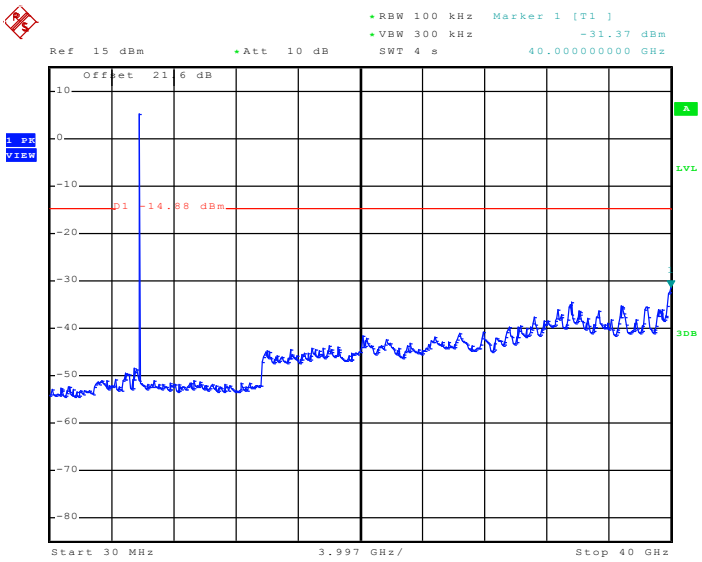
Date: 16.AUG.2010 15:40:14

Mode 16: Conducted Spurious Emission Plot between 30 MHz ~ 40 GHz - Chain A+B+C



Date: 16.AUG.2010 15:39:12

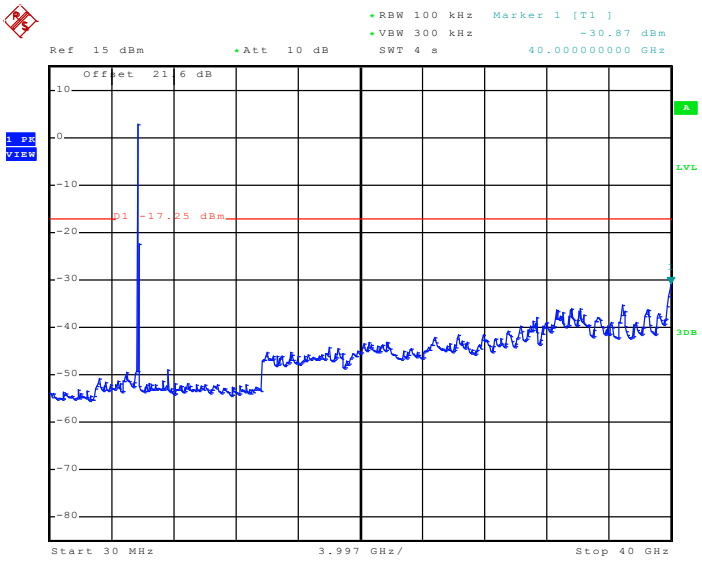
Mode 17: Conducted Spurious Emission Plot between 30 MHz ~ 40 GHz - Chain A+B+C



Date: 16.AUG.2010 15:34:14

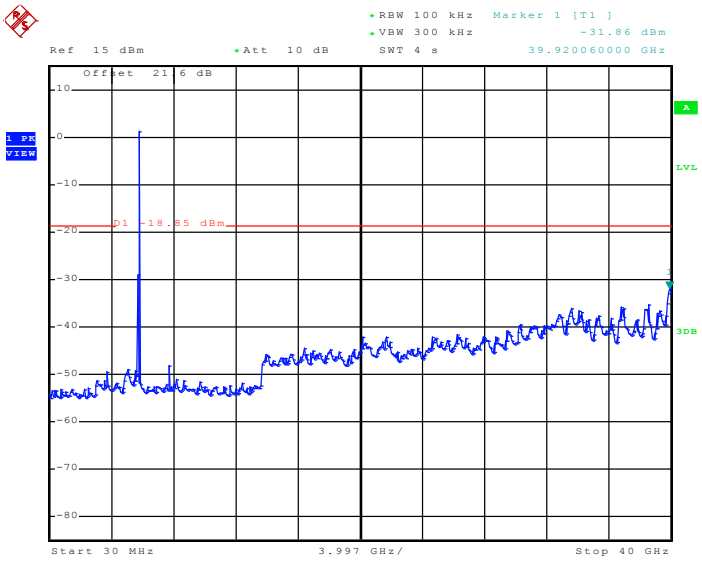
Test Mode :	Mode 18, 19	**Temperature :**	25~27℃
Test Band :	802.11n (BW 40MHz, 3Tx)	**Relative Humidity :**	48~51%
Test Channel :	151 and 159	**Test Engineer :**	Ken Hsu and Mac Lin

Mode 18: Conducted Spurious Emission Plot between 30 MHz ~ 40 GHz - Chain A+B+C



Date: 17.AUG.2010 03:57:10

Mode 19: Conducted Spurious Emission Plot between 30 MHz ~ 40 GHz - Chain A+B+C



Date: 17.AUG.2010 03:56:06

3.5 Power Spectral Density Measurement

3.5.1 Limit of Power Spectral Density

The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.

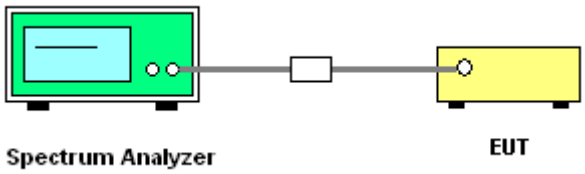
3.5.2 Measuring Instruments

See list of measuring instruments of this test report.

3.5.3 Test Procedures

1. The test follows FCC KDB Publication No. 558074 (Measurement Guidelines of DTS).
2. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
3. Take the measured data from spectrum analyzer.

3.5.4 Test Setup

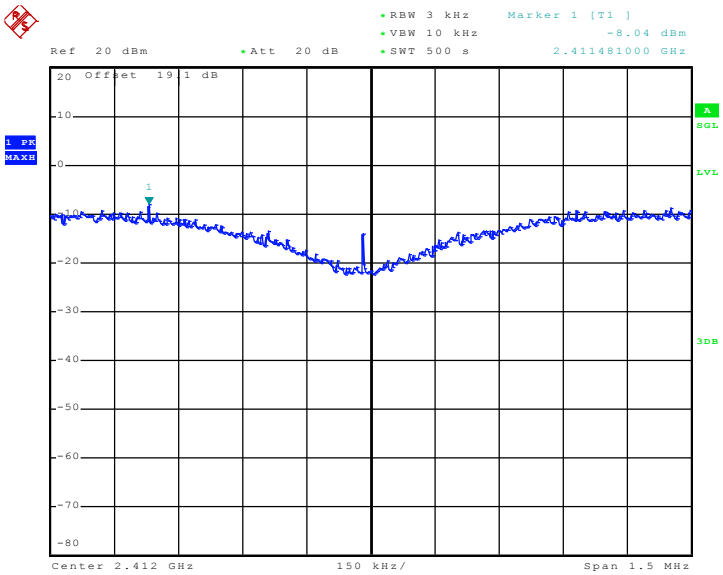


3.5.5 Test Result of Power Spectral Density

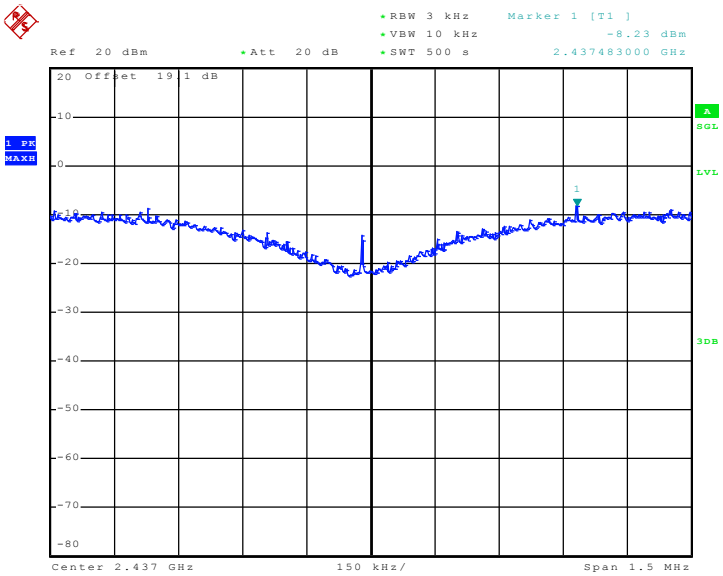
Test Mode :	Mode 1, 2, 3	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11b Measured PSD (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A		
01	2412	-8.04	8	Pass
06	2437	-8.23	8	Pass
11	2462	-8.91	8	Pass

Mode 1 : PSD Plot on 802.11b Channel 01 - Chain A

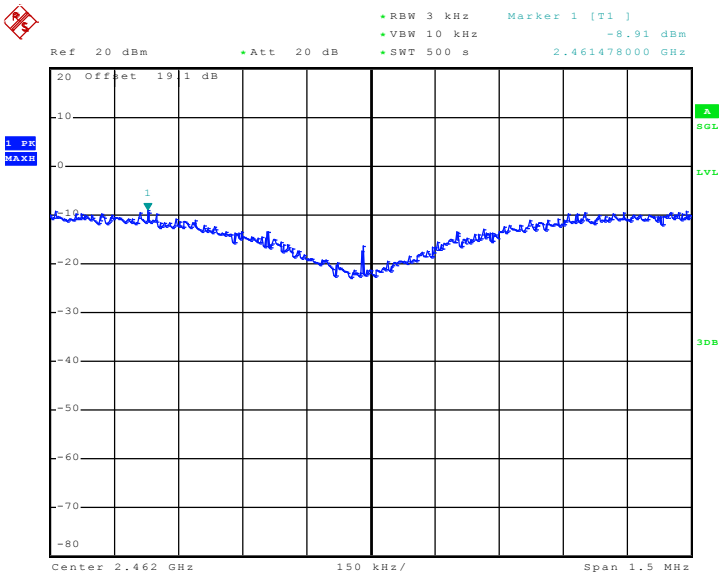


Mode 2 : PSD Plot on 802.11b Channel 06 - Chain A



Date: 16.AUG.2010 12:06:59

Mode 3 : PSD Plot on 802.11b Channel 11 - Chain A

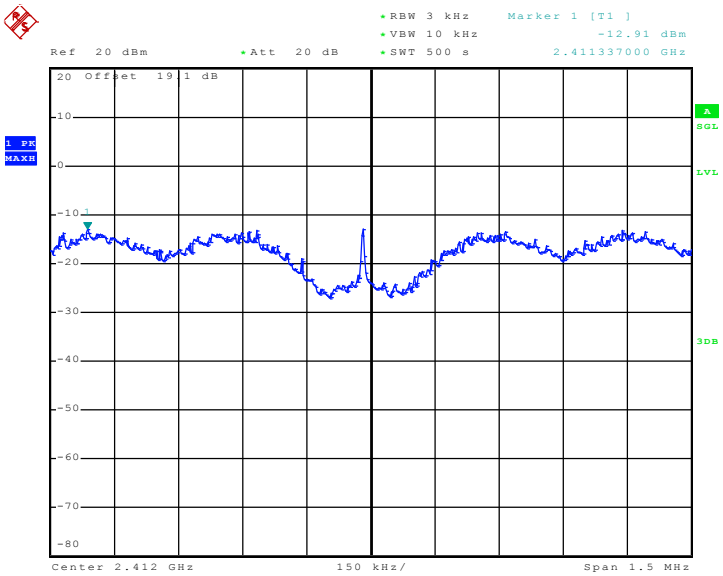


Date: 16.AUG.2010 12:15:48

Test Mode :	Mode 4, 5, 6	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

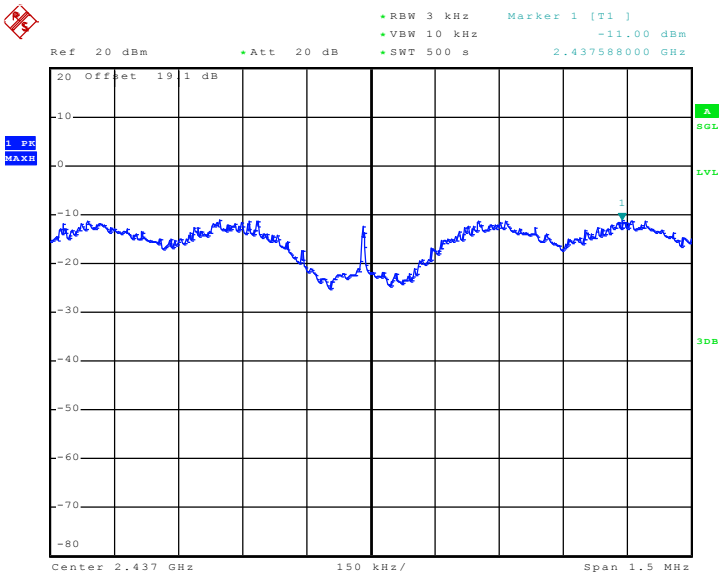
Channel	Frequency (MHz)	802.11g Measured PSD (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A		
01	2412	-12.91	8	Pass
06	2437	-11.00	8	Pass
11	2462	-14.09	8	Pass

Mode 4 : PSD Plot on 802.11g Channel 01 - Chain A



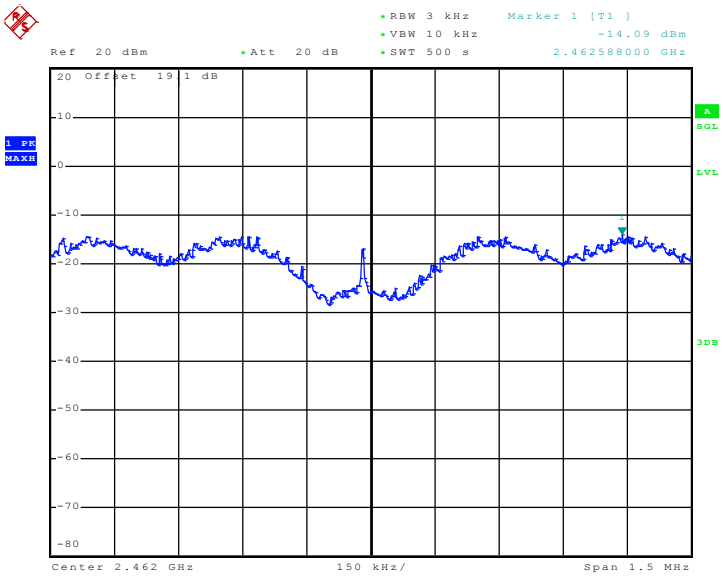
Date: 17.AUG.2010 06:40:47

Mode 5 : PSD Plot on 802.11g Channel 06 - Chain A



Date: 16.AUG.2010 12:52:19

Mode 6 : PSD Plot on 802.11g Channel 11 - Chain A



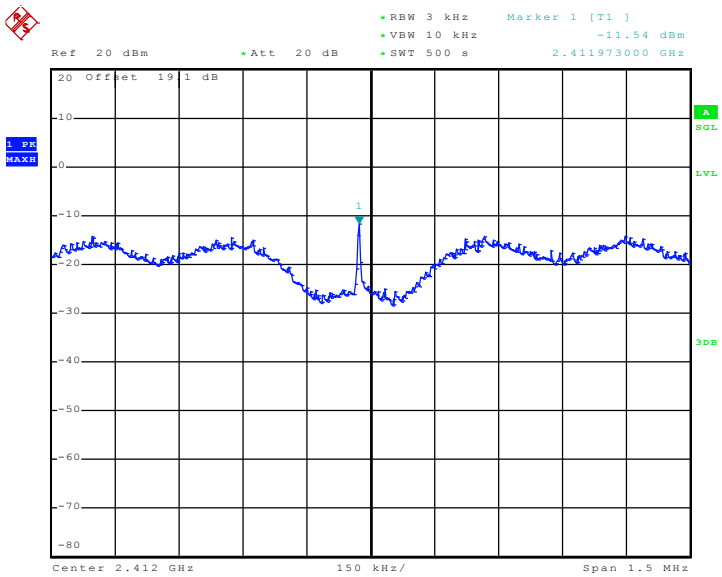
Date: 17.AUG.2010 06:30:56

Test Mode :	Mode 7, 8, 9	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 20MHz, 3Tx) Measured PSD (dBm)				Max. Limits (dBm)	Pass/Fail
		Chain A+B+C(A)	Chain A+B+C(B)	Chain A+B+C(C)	Chain A+B+C		
01	2412	-11.54	-13.45	-13.49	-7.96	8	Pass
06	2437	-12.09	-13.12	-12.73	-7.85	8	Pass
11	2462	-17.30	-15.22	-15.84	-11.26	8	Pass

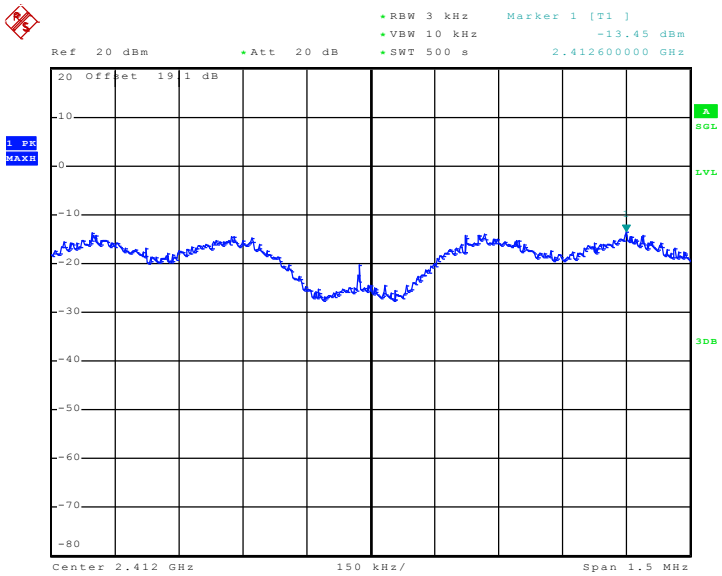
Note: Chain A+B+C was tested by combiner, and the chain A, B and C was tested individually and calculated with the formula of 10*LOG (10^ (chain A/10) + 10^ (chain B/10) + 10^ (chain C/10)).

Mode 7 : PSD Plot on 802.11n (BW 20MHz) Channel 01 - Chain A+B+C(A)



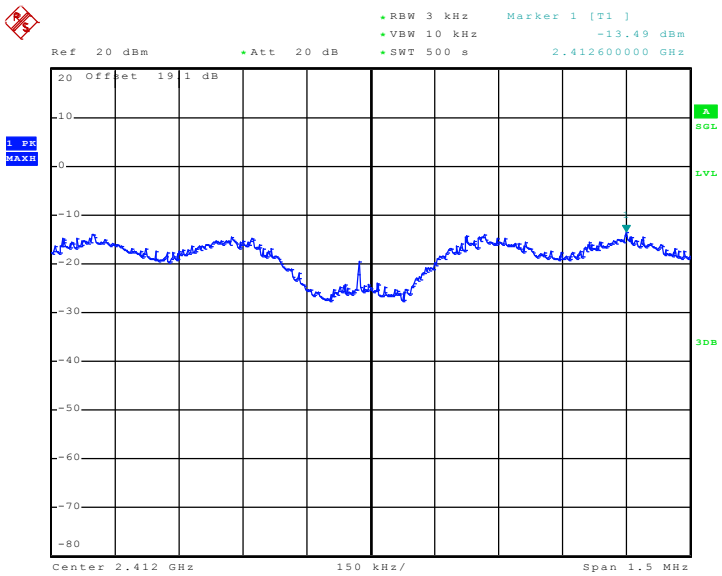
Date: 17.AUG.2010 08:30:22

Mode 7 : PSD Plot on 802.11n (BW 20MHz) Channel 01 - Chain A+B+C(B)



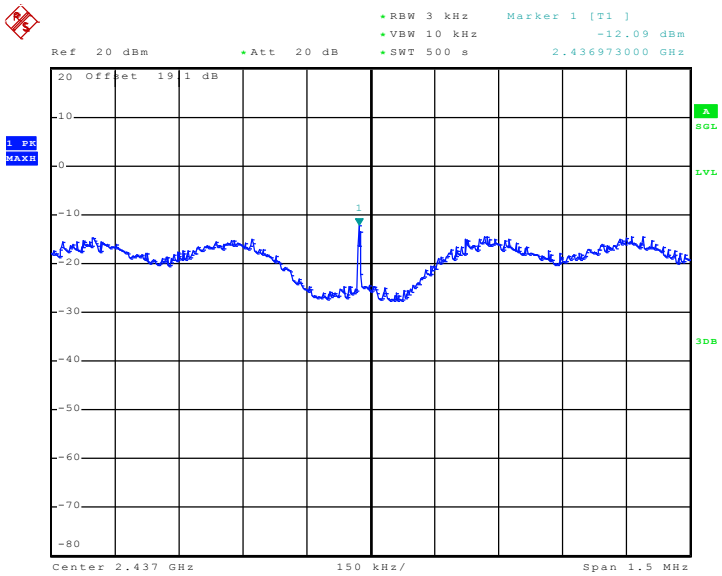
Date: 17.AUG.2010 08:02:00

Mode 7 : PSD Plot on 802.11n (BW 20MHz) Channel 01 - Chain A+B+C(C)



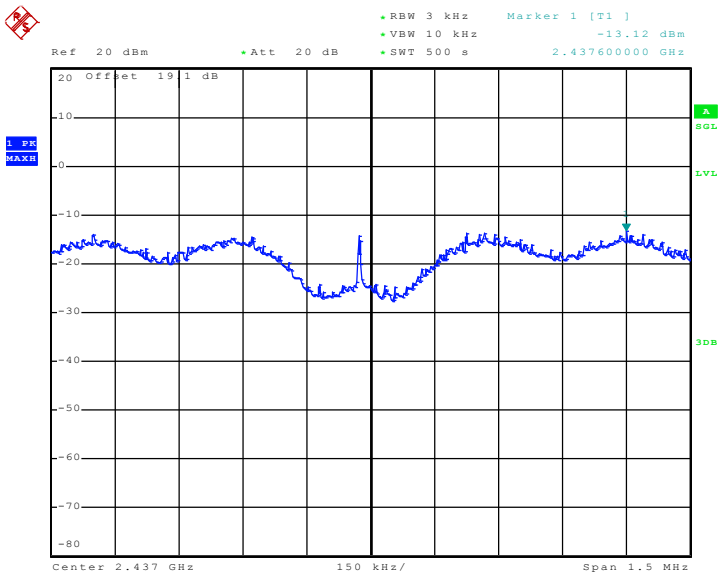
Date: 17.AUG.2010 07:52:20

Mode 8 : PSD Plot on 802.11n (BW 20MHz) Channel 06 - Chain A+B+C(A)



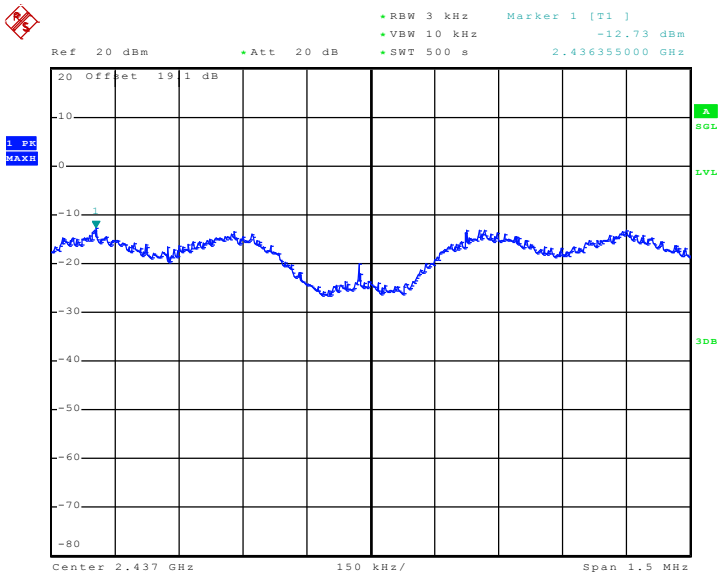
Date: 16.AUG.2010 19:54:30

Mode 8 : PSD Plot on 802.11n (BW 20MHz) Channel 06 - Chain A+B+C(B)



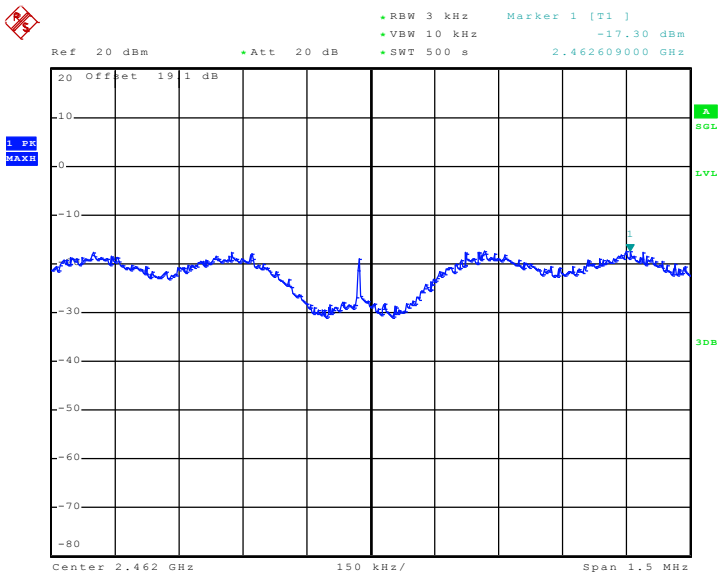
Date: 16.AUG.2010 19:45:24

Mode 8 : PSD Plot on 802.11n (BW 20MHz) Channel 06 - Chain A+B+C(C)



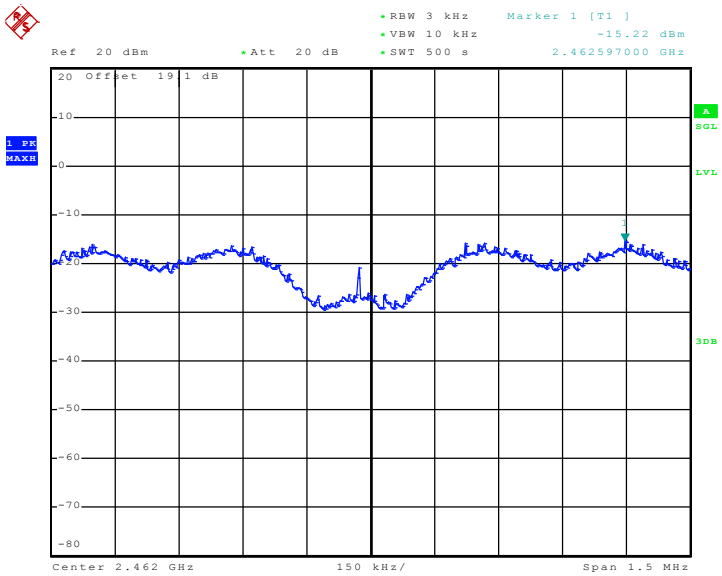
Date: 16.AUG.2010 19:33:32

Mode 9 : PSD Plot on 802.11n (BW 20MHz) Channel 11 - Chain A+B+C(A)



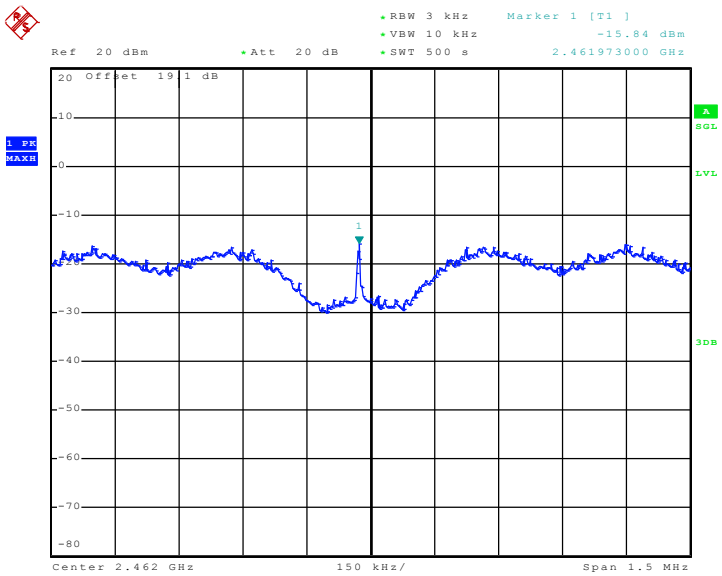
Date: 17.AUG.2010 07:23:16

Mode 9 : PSD Plot on 802.11n (BW 20MHz) Channel 11 - Chain A+B+C(B)



Date: 17.AUG.2010 07:32:47

Mode 9 : PSD Plot on 802.11n (BW 20MHz) Channel 11 - Chain A+B+C(C)



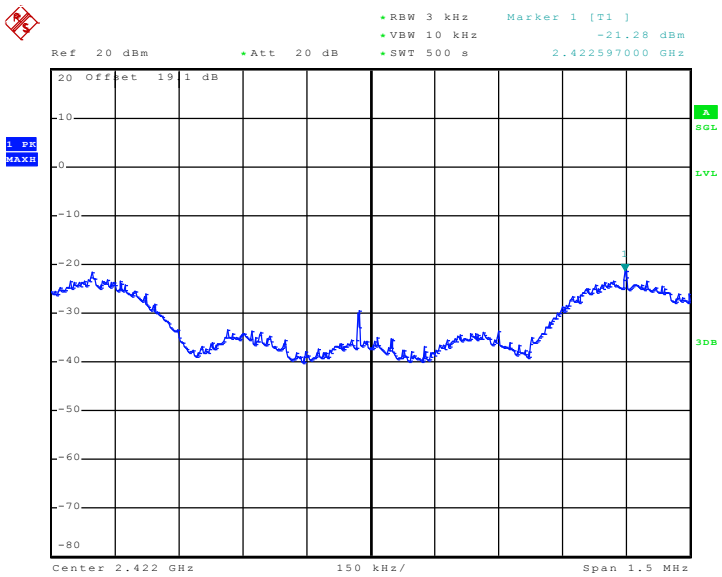
Date: 17.AUG.2010 07:42:33

Test Mode :	Mode 10, 11	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 40MHz, 3Tx) Measured PSD (dBm)				Max. Limits (dBm)	Pass/Fail
		Chain A+B+C(A)	Chain A+B+C(B)	Chain A+B+C(C)	Chain A+B+C		
03	2422	-21.28	-21.18	-20.59	-16.23	8	Pass
09	2452	-20.37	-19.70	-19.99	-15.24	8	Pass

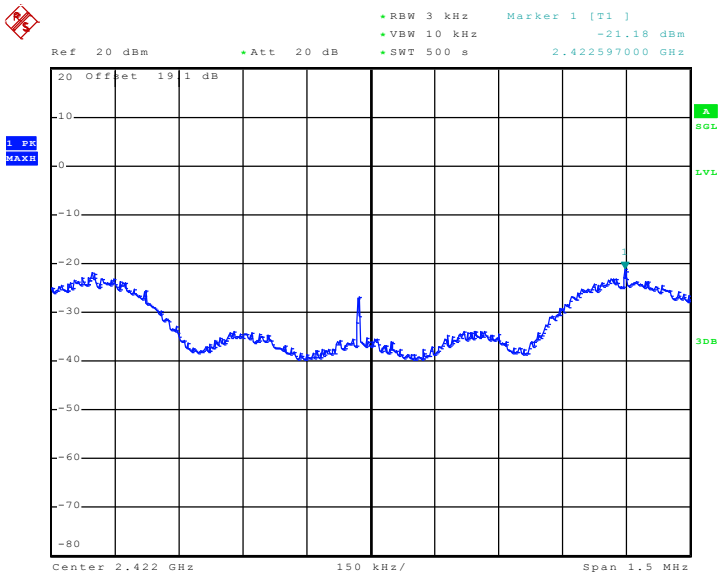
Note: Chain A+B+C was tested by combiner, and the chain A, B and C was tested individually and calculated with the formula of 10*LOG (10^ (chain A/10) + 10^ (chain B/10) + 10^ (chain C/10)).

Mode 10 : PSD Plot on 802.11n (BW 40MHz) Channel 03 - Chain A+B+C(A)



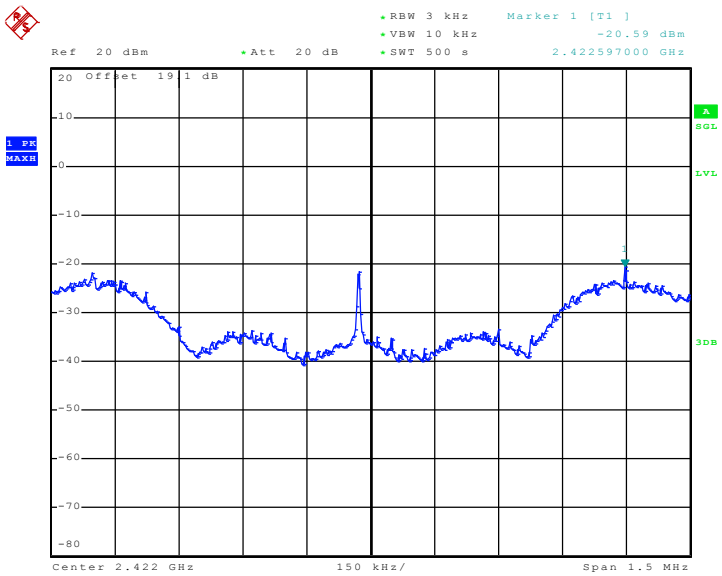
Date: 17.AUG.2010 10:01:06

Mode 10 : PSD Plot on 802.11n (BW 40MHz) Channel 03 - Chain A+B+C(B)



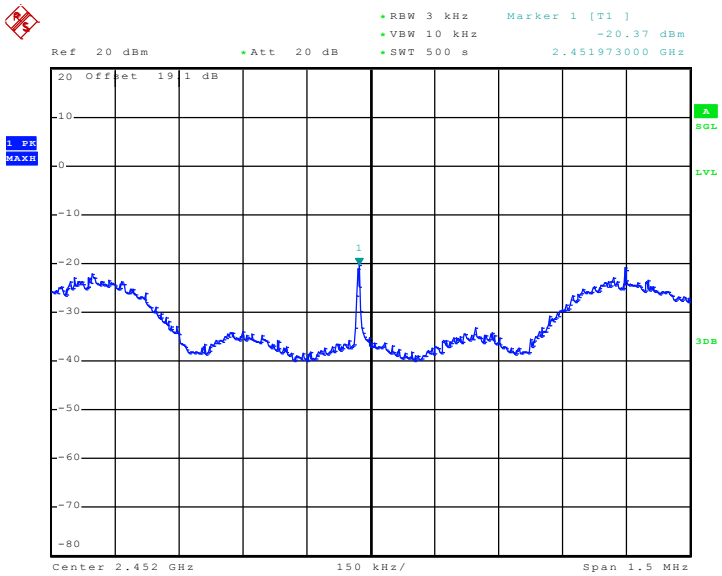
Date: 17.AUG.2010 09:51:25

Mode 10 : PSD Plot on 802.11n (BW 40MHz) Channel 03 - Chain A+B+C(C)



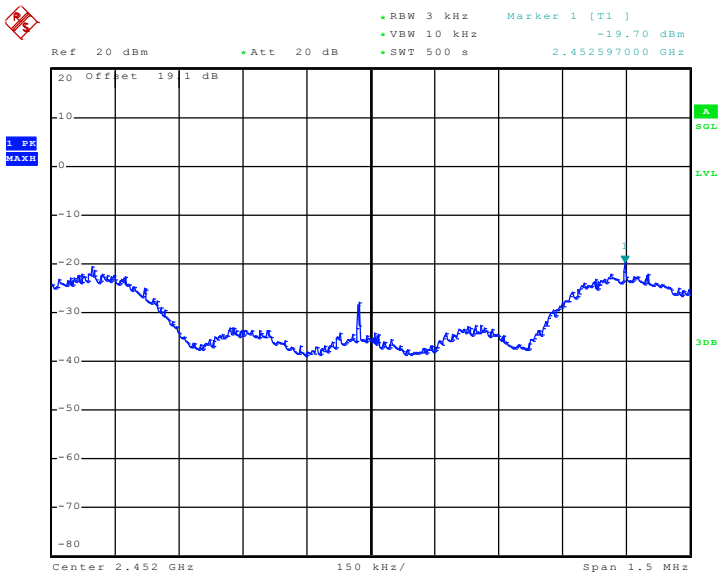
Date: 17.AUG.2010 09:39:55

Mode 11 : PSD Plot on 802.11n (BW 40MHz) Channel 09 - Chain A+B+C(A)



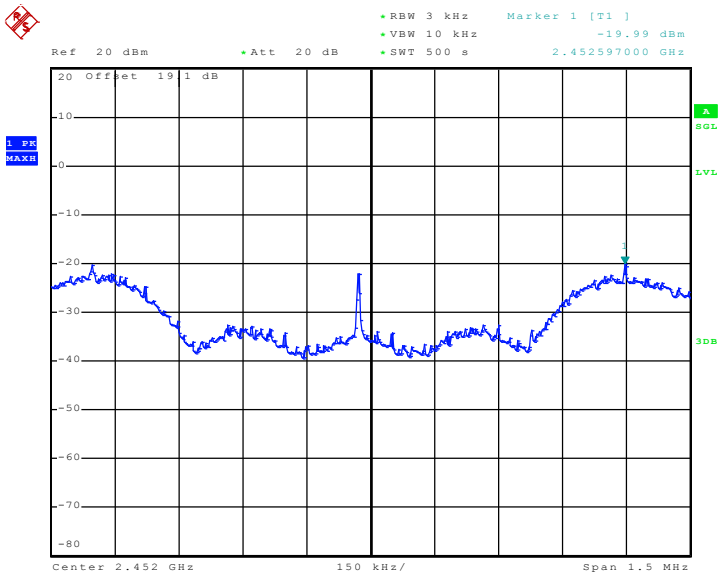
Date: 17.AUG.2010 09:07:14

Mode 11 : PSD Plot on 802.11n (BW 40MHz) Channel 09 - Chain A+B+C(B)



Date: 17.AUG.2010 09:16:50

Mode 11 : PSD Plot on 802.11n (BW 40MHz) Channel 09 - Chain A+B+C(C)



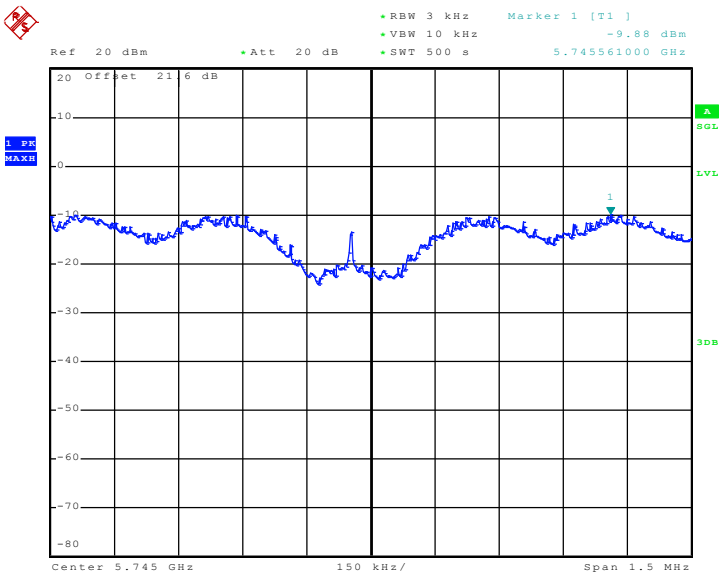
Date: 17.AUG.2010 09:26:26

Test Mode :	Mode 12, 13, 14	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

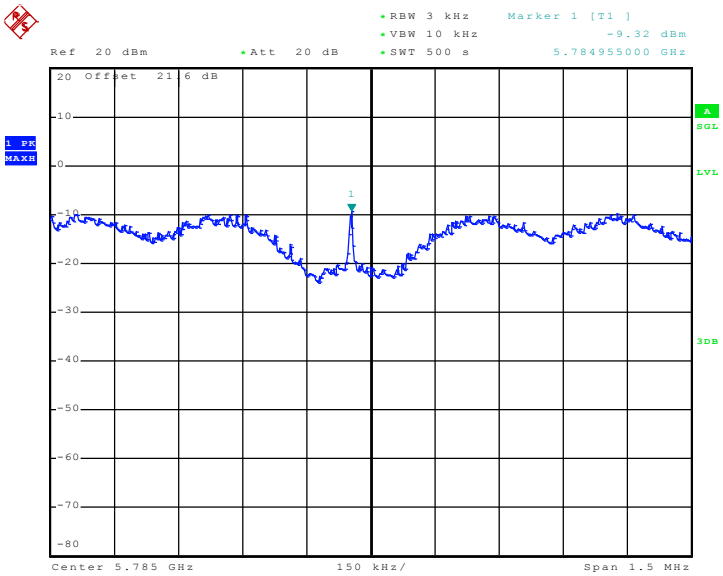
Channel	Frequency (MHz)	802.11a Measured PSD (dBm)	Max. Limits (dBm)	Pass/Fail
		Chain A		
149	5745	-9.88	7	Pass
157	5785	-9.32	7	Pass
165	5825	-9.54	7	Pass

Note: The maximum antenna gain is 7 dBi; therefore the limits are 7 dBm.

Mode 12 : PSD Plot on 802.11a Channel 149 - Chain A

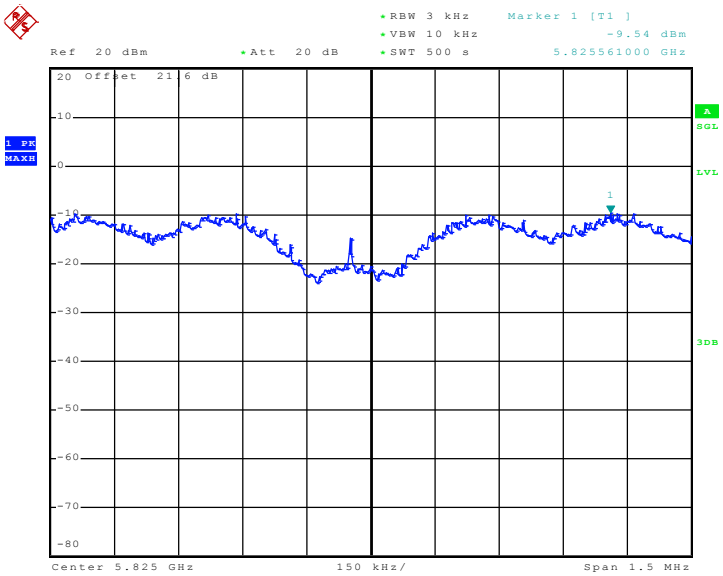


Mode 13 : PSD Plot on 802.11a Channel 157 - Chain A



Date: 16.AUG.2010 14:00:25

Mode 14 : PSD Plot on 802.11a Channel 165 - Chain A



Date: 16.AUG.2010 14:52:21

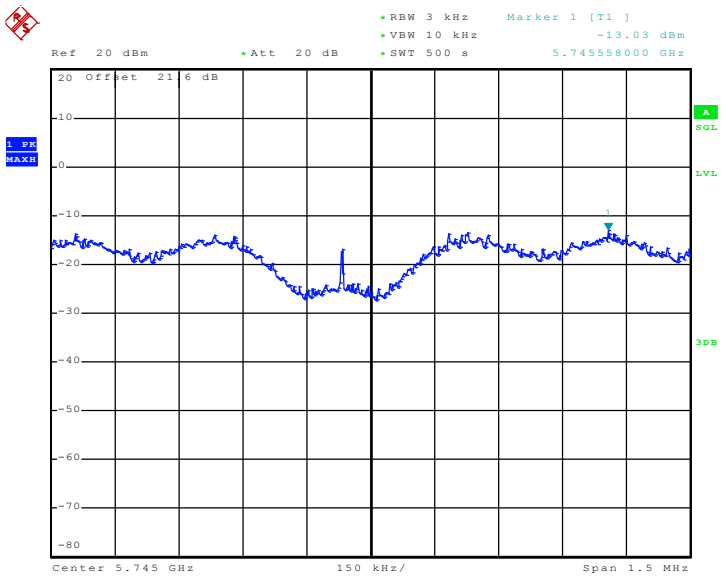
Test Mode :	Mode 15, 16, 17	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 20MHz, 3Tx) Measured PSD (dBm)				Max. Limits (dBm)	Pass/Fail
		Chain A+B+C(A)	Chain A+B+C(B)	Chain A+B+C(C)	Chain A+B+C		
7	5745	-13.03	-9.50	-11.59	-6.36	7	Pass
7	5785	-12.95	-9.17	-10.75	-5.92	7	Pass
7	5825	-12.10	-7.61	-10.08	-4.77	7	Pass

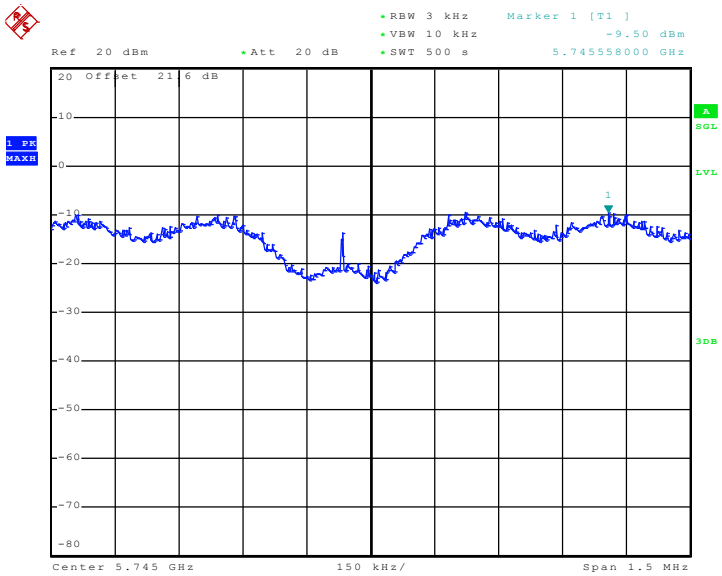
Note:

1. Chain A+B+C was tested by combiner, and the chain A, B and C was tested individually and calculated with the formula of 10*LOG (10^ (chain A/10) + 10^ (chain B/10) + 10^ (chain C/10)).
2. The maximum antenna gain is 7 dBi; therefore the limits are 7 dBm.

Mode 15 : PSD Plot on 802.11n (BW 20MHz) Channel 149 - Chain A+B+C(A)

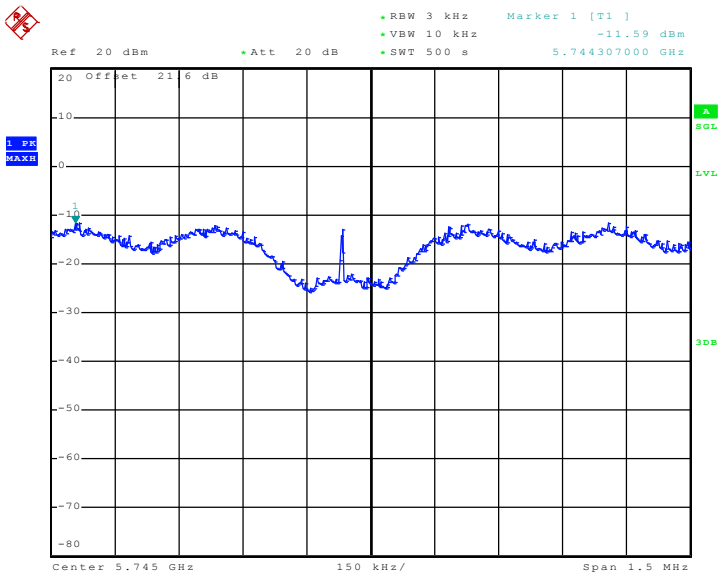


Mode 15 : PSD Plot on 802.11n (BW 20MHz) Channel 149 - Chain A+B+C(B)



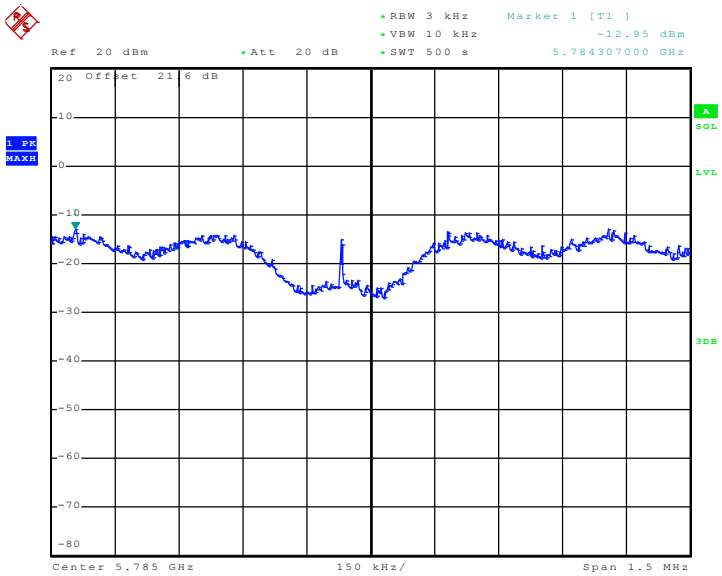
Date: 16.AUG.2010 17:41:57

Mode 15 : PSD Plot on 802.11n (BW 20MHz) Channel 149 - Chain A+B+C(C)



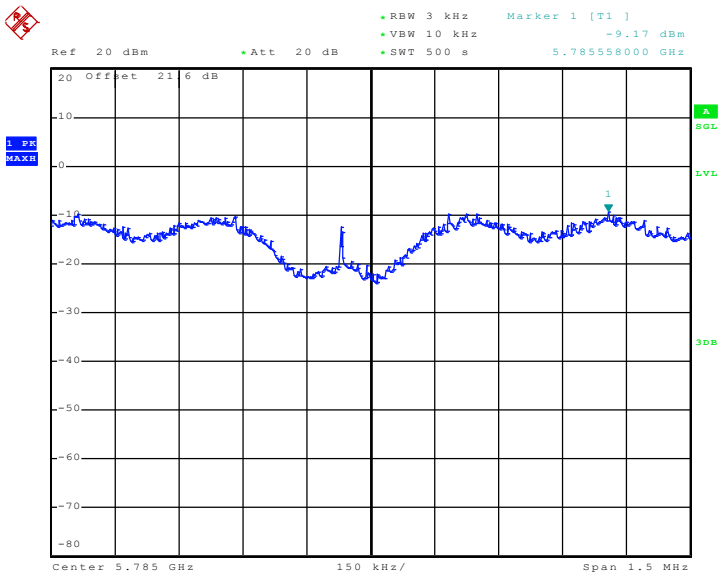
Date: 16.AUG.2010 17:51:37

Mode 16 : PSD Plot on 802.11n (BW 20MHz) Channel 157 - Chain A+B+C(A)



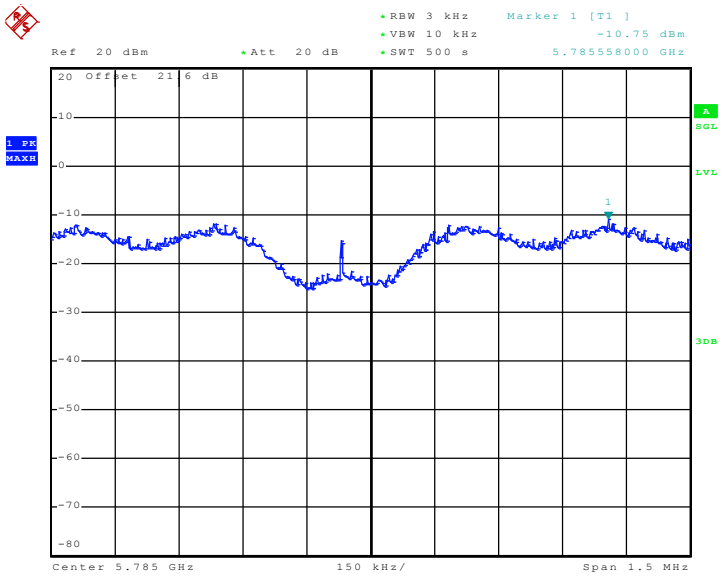
Date: 16.AUG.2010 17:22:34

Mode 16 : PSD Plot on 802.11n (BW 20MHz) Channel 157 - Chain A+B+C(B)



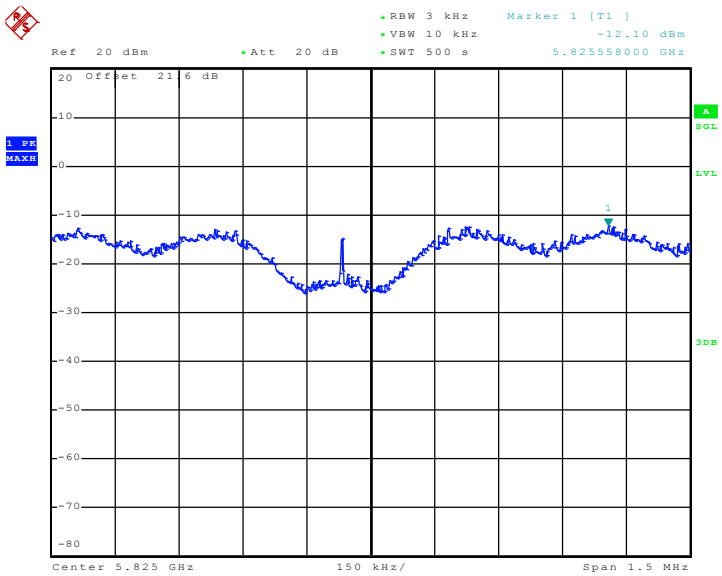
Date: 16.AUG.2010 17:12:27

Mode 16 : PSD Plot on 802.11n (BW 20MHz) Channel 157 - Chain A+B+C(C)



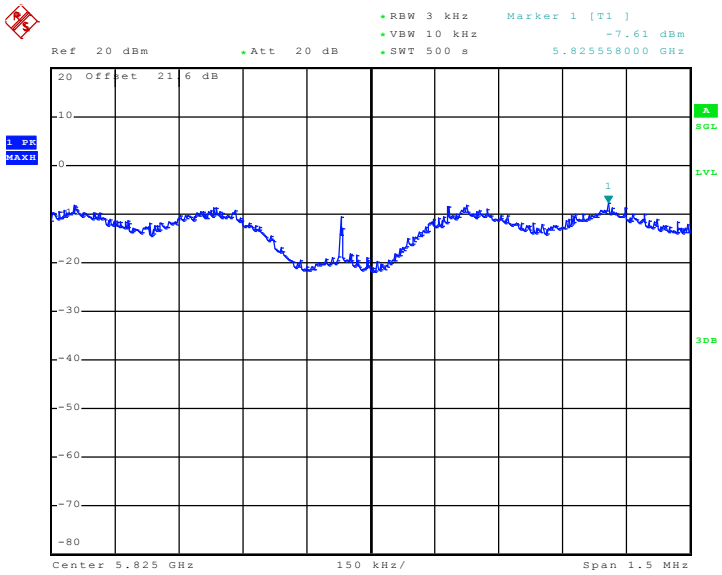
Date: 16.AUG.2010 17:02:41

Mode 17 : PSD Plot on 802.11n (BW 20MHz) Channel 165 - Chain A+B+C(A)



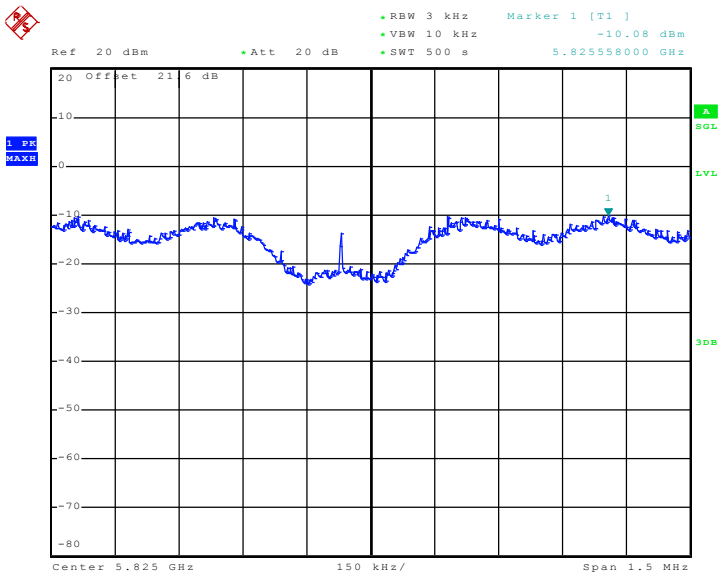
Date: 16.AUG.2010 16:33:03

Mode 17 : PSD Plot on 802.11n (BW 20MHz) Channel 165 - Chain A+B+C(B)



Date: 16.AUG.2010 16:42:24

Mode 17 : PSD Plot on 802.11n (BW 20MHz) Channel 165 - Chain A+B+C(C)



Date: 16.AUG.2010 16:52:36

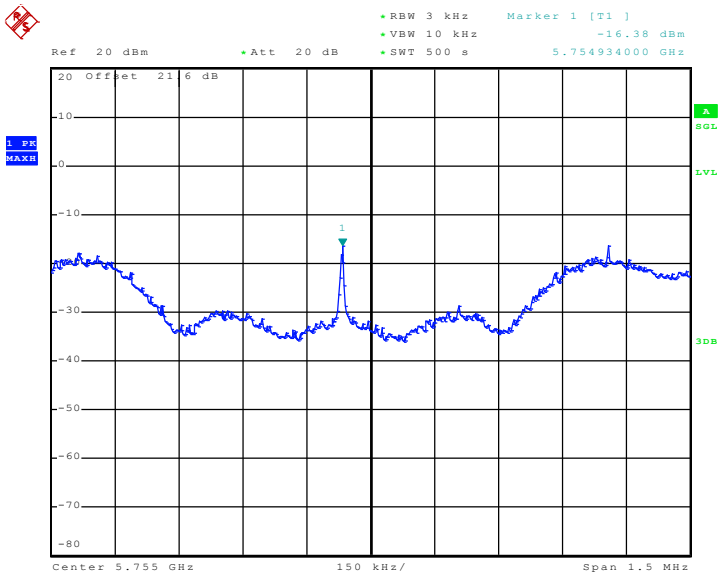
Test Mode :	Mode 18, 19	Temperature :	25~27℃
Test Engineer :	Ken Hsu and Mac Lin	Relative Humidity :	48~51%

Channel	Frequency (MHz)	802.11n (BW 40MHz, 3Tx) Measured PSD (dBm)				Max. Limits (dBm)	Pass/Fail
		Chain A+B+C(A)	Chain A+B+C(B)	Chain A+B+C(C)	Chain A+B+C		
151	5755	-16.38	-11.07	-14.88	-8.74	7	Pass
159	5795	-17.60	-13.66	-15.86	-10.64	7	

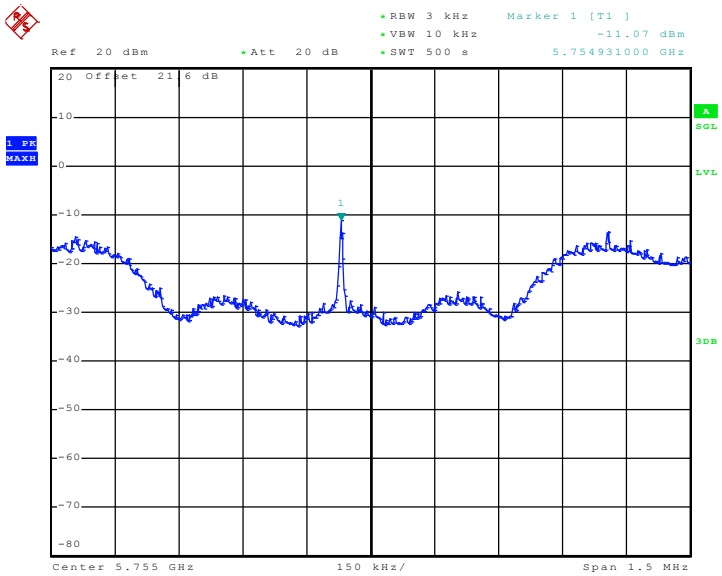
Note:

1. Chain A+B+C was tested by combiner, and the chain A, B and C was tested individually and calculated with the formula of 10*LOG (10^ (chain A/10) + 10^ (chain B/10) + 10^ (chain C/10)).
2. The maximum antenna gain is 7 dBi; therefore the limits are 7 dBm.

Mode 18 : PSD Plot on 802.11n (BW 40MHz) Channel 151 - Chain A+B+C(A)

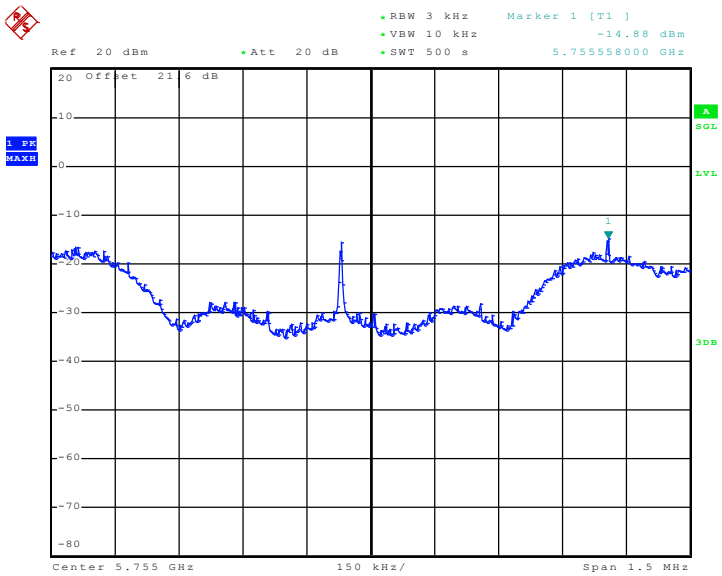


Mode 18 : PSD Plot on 802.11n (BW 40MHz) Channel 151 - Chain A+B+C(B)



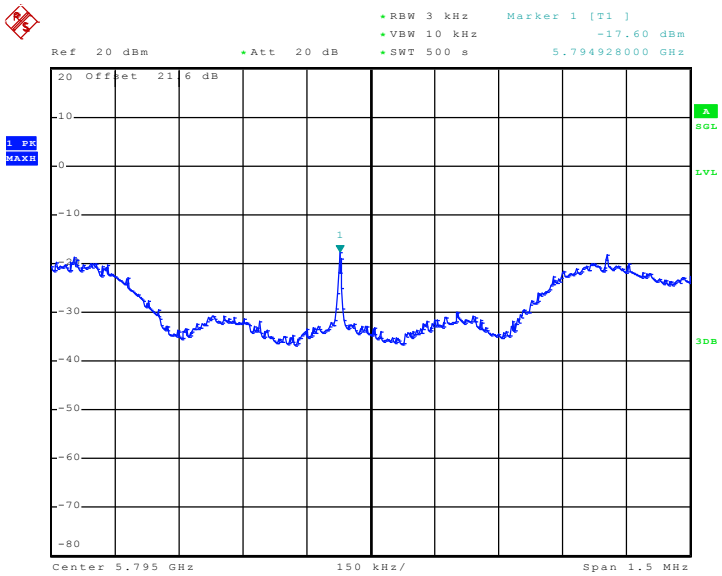
Date: 17.AUG.2010 02:50:46

Mode 18 : PSD Plot on 802.11n (BW 40MHz) Channel 151 - Chain A+B+C(C)



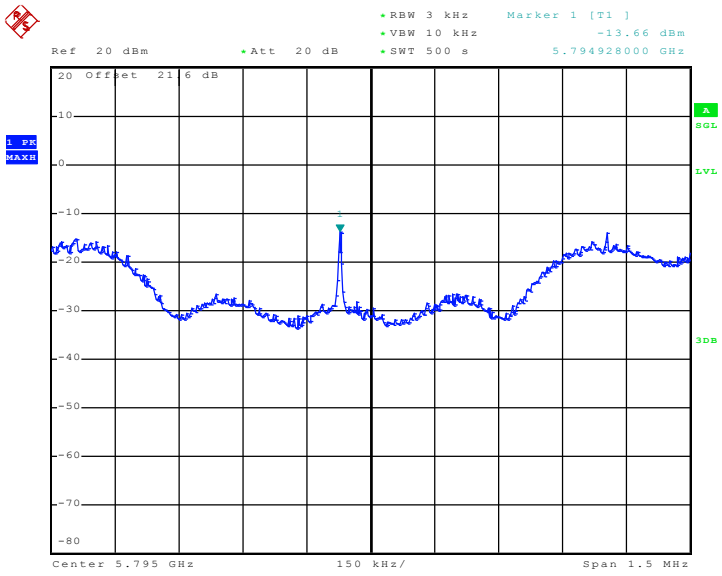
Date: 17.AUG.2010 03:00:28

Mode 19 : PSD Plot on 802.11n (BW 40MHz) Channel 159 - Chain A+B+C(A)



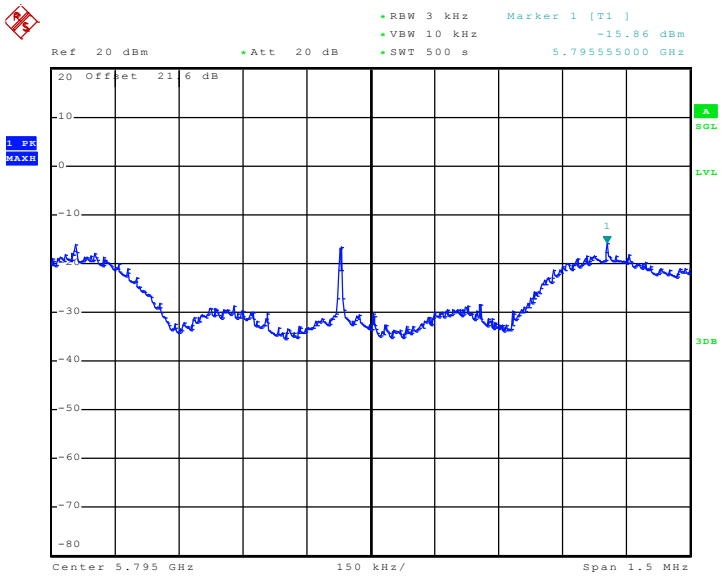
Date: 17.AUG.2010 03:33:29

Mode 19 : PSD Plot on 802.11n (BW 40MHz) Channel 159 - Chain A+B+C(B)



Date: 17.AUG.2010 03:23:53

Mode 19 : PSD Plot on 802.11n (BW 40MHz) Channel 159 - Chain A+B+C(C)



Date: 17.AUG.2010 03:14:10

3.6 AC Conducted Emission Measurement

3.6.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

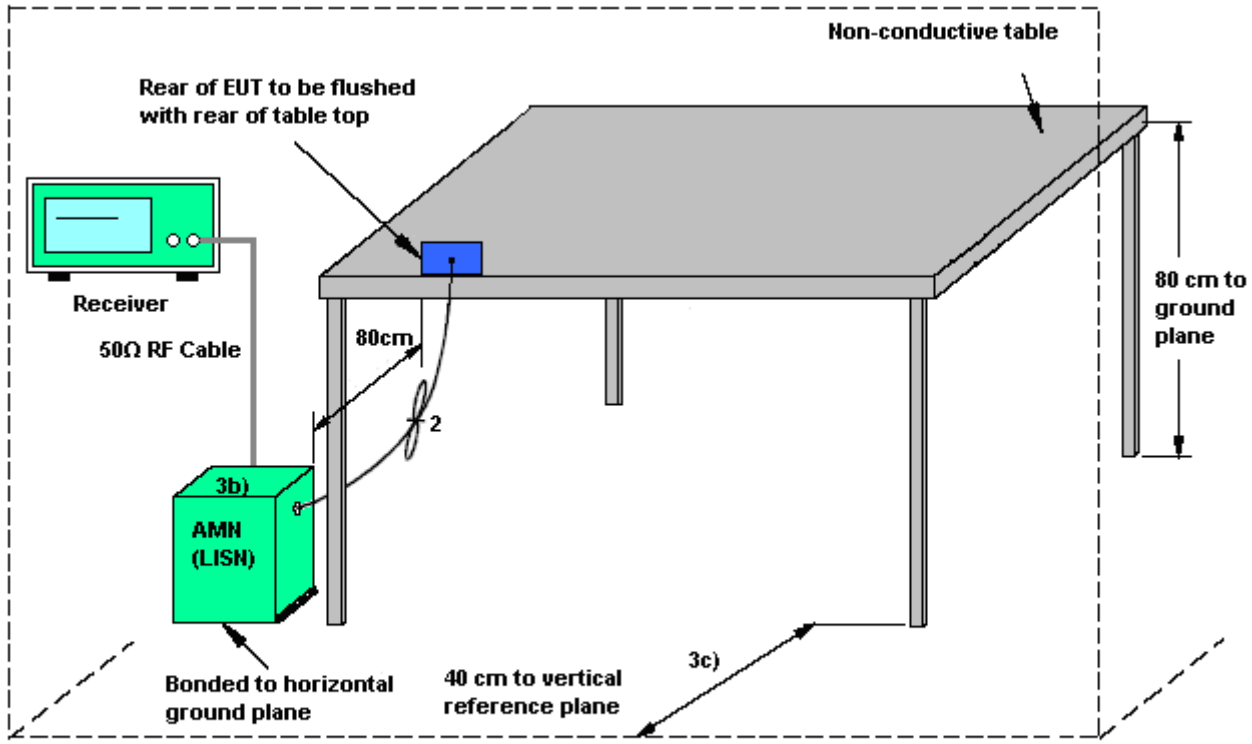
3.6.2 Measuring Instruments

See list of measuring instruments of this test report.

3.6.3 Test Procedures

4. The testing follows the guidelines in ANSI C63.4-2003.
5. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
6. Connect EUT to the power mains through a line impedance stabilization network (LISN).
7. All the support units are connecting to the other LISN.
8. The LISN provides 50 ohm coupling impedance for the measuring instrument.
9. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
10. Both sides of AC line were checked for maximum conducted interference.
11. The frequency range from 150 kHz to 30 MHz was searched.
12. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

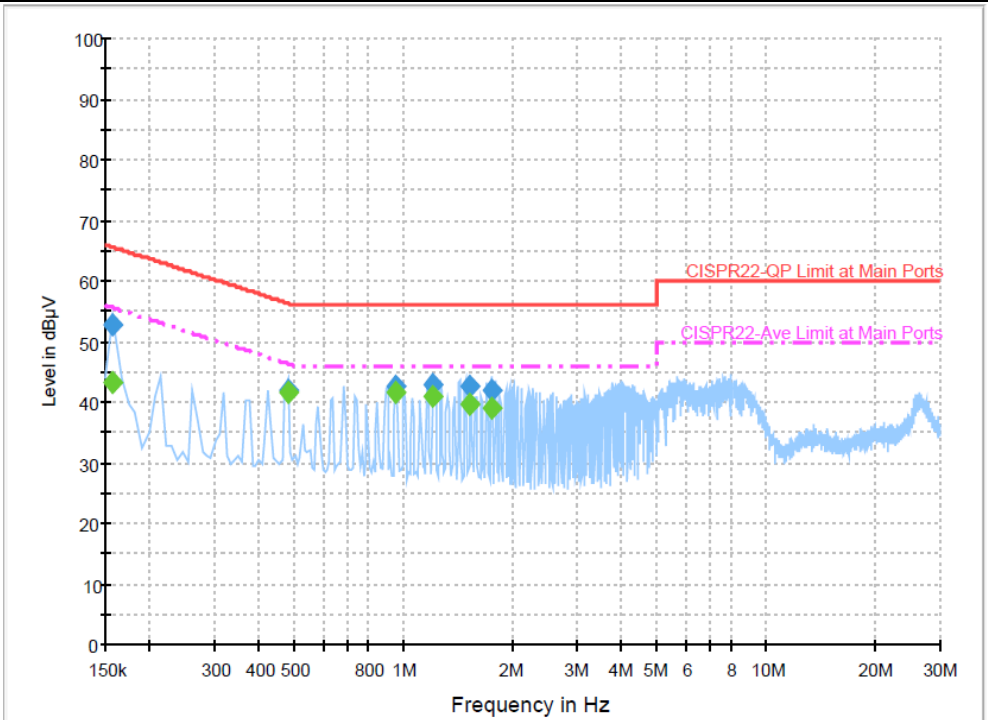
3.6.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.6.5 Test Result of AC Conducted Emission

Test Mode :	Mode 1	**Temperature :**	20~22℃
Test Engineer :	Novic Jiang	**Relative Humidity :**	42~44%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Function Type :	WLAN 1 (2.4G) Link + WLAN 2 (2.4G) Link + LAN Link + Adapter + Antenna 1		
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



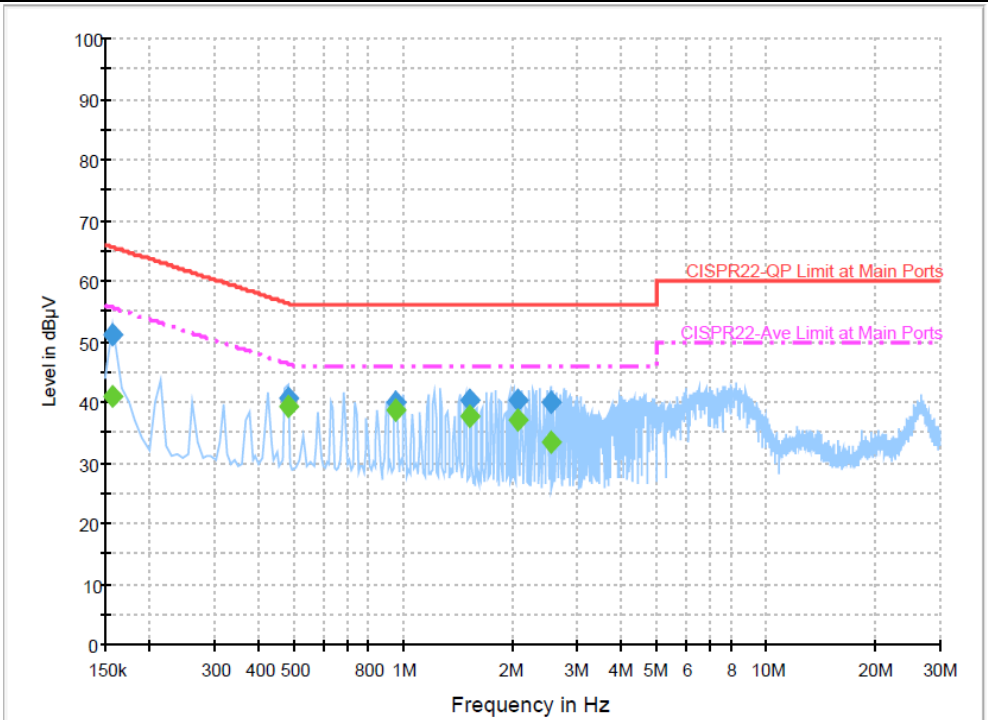
Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	52.8	Off	L1	19.3	12.8	65.6
0.478000	42.1	Off	L1	19.4	14.3	56.4
0.950000	42.7	Off	L1	19.4	13.3	56.0
1.206000	42.8	Off	L1	19.4	13.2	56.0
1.526000	42.5	Off	L1	19.4	13.5	56.0
1.742000	42.1	Off	L1	19.4	13.9	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	43.3	Off	L1	19.3	12.3	55.6
0.478000	41.6	Off	L1	19.4	4.8	46.4
0.950000	41.6	Off	L1	19.4	4.4	46.0
1.206000	41.0	Off	L1	19.4	5.0	46.0
1.526000	39.6	Off	L1	19.4	6.4	46.0
1.742000	39.0	Off	L1	19.4	7.0	46.0

Test Mode :	Mode 1	Temperature :	20~22℃
Test Engineer :	Novic Jiang	Relative Humidity :	42~44%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Function Type :	WLAN 1 (2.4G) Link + WLAN 2 (2.4G) Link + LAN Link + Adapter + Antenna 1		
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	51.2	Off	N	19.4	14.4	65.6
0.478000	40.7	Off	N	19.4	15.7	56.4
0.950000	40.0	Off	N	19.4	16.0	56.0
1.526000	40.3	Off	N	19.4	15.7	56.0
2.054000	40.5	Off	N	19.5	15.5	56.0
2.534000	40.0	Off	N	19.5	16.0	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	41.1	Off	N	19.4	14.5	55.6
0.478000	39.2	Off	N	19.4	7.2	46.4
0.950000	38.6	Off	N	19.4	7.4	46.0
1.526000	37.6	Off	N	19.4	8.4	46.0
2.054000	36.9	Off	N	19.5	9.1	46.0
2.534000	33.6	Off	N	19.5	12.4	46.0

3.7 Radiated Emission Measurement

3.7.1 Limit of Radiated Emission

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device was measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the FCC section 15.209 limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

3.7.2 Measuring Instruments

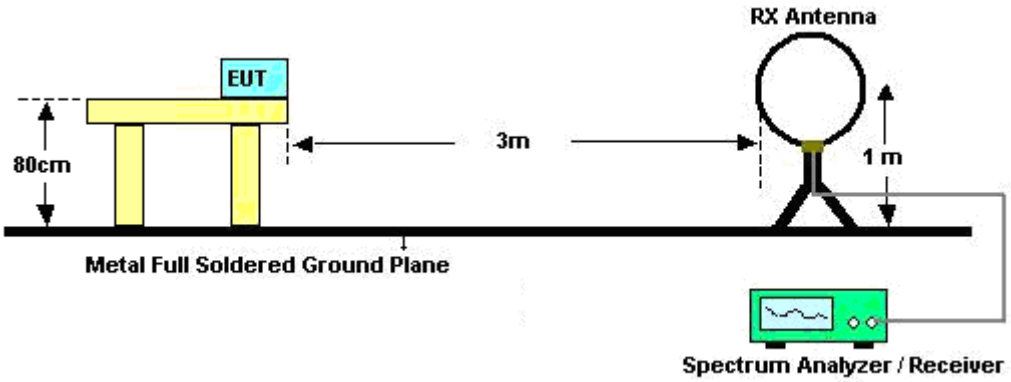
See list of measuring instruments of this test report.

3.7.3 Test Procedures

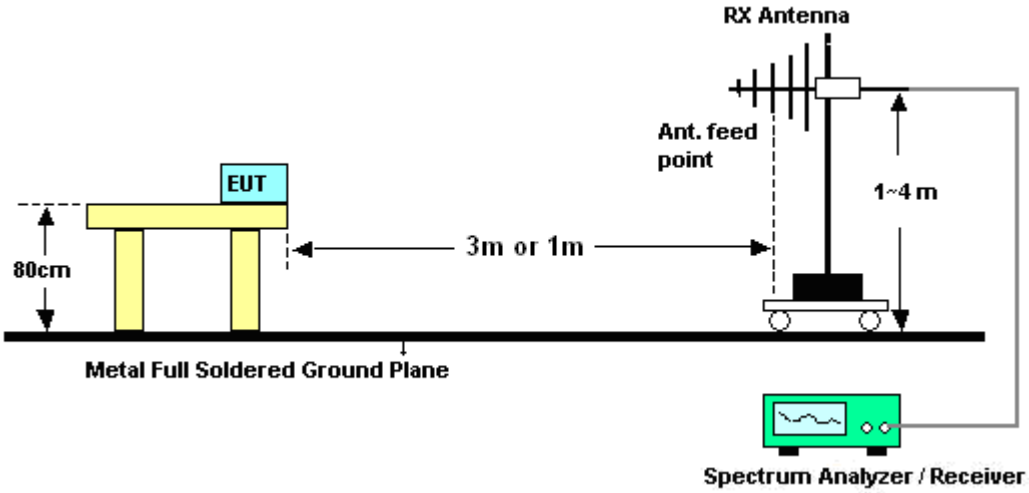
1. The testing follows the guidelines in FCC KDB Publication No. 558074 (Measurement Guidelines of DTS).
2. Use the following spectrum analyzer settings:
   (1) Span = wide enough to fully capture the emission being measured; RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold.
   (2) Above 18 GHz shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade from 3m to 1m.
   Distance extrapolation factor = 20 log (specific distance [3m] / test distance [1m]) (dB)
3. Follow the guidelines in ANSI C63.4-2003 with respect to maximizing the emission by rotating the EUT, measuring the emission for three EUT orthogonal planes, and adjusting the measurement antenna height and polarization. A pre-amp and a high pass filter are used for this test in order to get the good signal level.

3.7.4 Test Setup

For radiated emissions below 30MHz



For radiated emissions above 30MHz



3.7.5 Test Results of Radiated Emissions (9kHz ~ 30MHz)

Test Engineer :	Ivan Jiang	Temperature :	24~25°C
		Relative Humidity :	45~47%

Frequency (MHz)	Level (dBuV)	Over Limit (dB)	Limit Line (dBuV)	Remark
-	-	-	-	See Note

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

3.7.6 Test Result of Radiated Emission (30MHz ~ 10th Harmonic)

Test Mode :	Mode 1	**Temperature :**	24~25°C
Test Channel :	01	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	34.35	-5.65	40	56.24	8.96	0.68	31.53	100	254	Peak
128.82	24.91	-18.59	43.5	43.56	11.78	1.14	31.57	-	-	Peak
266.25	22.69	-23.31	46	39.46	13	1.62	31.39	-	-	Peak
374.2	29.22	-16.78	46	42.94	15.44	2.09	31.25	-	-	Peak
500.2	26	-20	46	36.44	18.18	2.45	31.07	-	-	Peak
624.1	27.39	-18.61	46	35.28	20.25	2.76	30.9	-	-	Peak
2378.21	35.3	-18.7	54	30.73	32.11	5.99	33.53	131	270	Average
2378.21	48.48	-25.52	74	43.91	32.11	5.99	33.53	131	270	Peak
2412	101.08	-	-	96.39	32.16	6.07	33.54	131	270	Peak
2412	99.21	-	-	94.52	32.16	6.07	33.54	131	270	Average
2486	48.1	-25.9	74	43.21	32.27	6.18	33.56	131	270	Peak
2486	35.91	-18.09	54	31.02	32.27	6.18	33.56	131	270	Average
8457	56.95	-17.05	74	44.04	36	10.99	34.08	162	237	Peak
8457	41.75	-12.25	54	28.84	36	10.99	34.08	162	237	Average

Test Mode :	Mode 1	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.07	-0.93	40	60.96	8.96	0.68	31.53	109	207	Peak
137.46	28.88	-14.62	43.5	47.53	11.71	1.19	31.55	-	-	Peak
250.05	27.09	-18.91	46	44.2	12.77	1.53	31.41	-	-	Peak
500.2	25.43	-20.57	46	35.87	18.18	2.45	31.07	-	-	Peak
624.1	31.02	-14.98	46	38.91	20.25	2.76	30.9	-	-	Peak
898.5	32.93	-13.07	46	37.13	23.16	3.34	30.7	-	-	Peak
2372.89	39.02	-14.98	54	34.45	32.11	5.99	33.53	111	349	Average
2372.89	52	-22	74	47.43	32.11	5.99	33.53	111	349	Peak
2412	107.46	-	-	102.77	32.16	6.07	33.54	111	349	Average
2412	109.9	-	-	105.21	32.16	6.07	33.54	111	349	Peak
2486	35.07	-18.93	54	30.18	32.27	6.18	33.56	111	349	Average
2486	51.88	-22.12	74	46.99	32.27	6.18	33.56	111	349	Peak
8397	56.36	-17.64	74	43.49	36	10.96	34.09	100	91	Peak
8397	42.23	-11.77	54	29.36	36	10.96	34.09	100	91	Average

Test Mode :	Mode 2	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.74	-1.26	40	60.63	8.96	0.68	31.53	115	216	Peak
128.01	26.44	-17.06	43.5	45.08	11.79	1.14	31.57	-	-	Peak
250.05	29.6	-16.4	46	46.71	12.77	1.53	31.41	-	-	Peak
374.2	22.51	-23.49	46	36.23	15.44	2.09	31.25	-	-	Peak
500.2	25.09	-20.91	46	35.53	18.18	2.45	31.07	-	-	Peak
962.9	34.45	-19.55	54	37.42	24.13	3.47	30.57	-	-	Peak
2342	47.95	-26.05	74	43.47	32.05	5.95	33.52	162	133	Peak
2342	39.78	-14.22	54	35.3	32.05	5.95	33.52	162	133	Average
2437	99.24	-	-	94.46	32.22	6.11	33.55	162	133	Peak
2437	97.14	-	-	92.36	32.22	6.11	33.55	162	133	Average
2500	47.6	-26.4	74	42.69	32.3	6.18	33.57	162	133	Peak
2500	39.67	-14.33	54	34.76	32.3	6.18	33.57	162	133	Average
8265	56.12	-17.88	74	43.3	36	10.92	34.1	137	226	Peak
8265	40.69	-13.31	54	27.87	36	10.92	34.1	137	226	Average

Test Mode :	Mode 2	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.24	-0.76	40	61.13	8.96	0.68	31.53	100	140	Peak
138.54	30.08	-13.42	43.5	48.72	11.71	1.2	31.55	-	-	Peak
250.05	27.06	-18.94	46	44.17	12.77	1.53	31.41	-	-	Peak
500.2	26.39	-19.61	46	36.83	18.18	2.45	31.07	-	-	Peak
624.1	30.42	-15.58	46	38.31	20.25	2.76	30.9	-	-	Peak
932.1	30.57	-15.43	46	34.11	23.66	3.42	30.62	-	-	Peak
2326	53.26	-20.74	74	48.83	32.02	5.92	33.51	111	3	Peak
2326	40.99	-13.01	54	36.56	32.02	5.92	33.51	111	3	Average
2437	109.45	-	-	104.67	32.22	6.11	33.55	111	3	Peak
2437	106.53	-	-	101.75	32.22	6.11	33.55	111	3	Average
2500	52.5	-21.5	74	47.59	32.3	6.18	33.57	111	3	Peak
2500	42.82	-11.18	54	37.91	32.3	6.18	33.57	111	3	Average
8337	56.45	-17.55	74	43.6	36	10.95	34.1	103	98	Peak
8337	41.49	-12.51	54	28.64	36	10.95	34.1	103	98	Average

Test Mode :	Mode 3	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39	-1	40	60.89	8.96	0.68	31.53	123	228	Peak
128.82	26.32	-17.18	43.5	44.97	11.78	1.14	31.57	-	-	Peak
250.05	29.51	-16.49	46	46.62	12.77	1.53	31.41	-	-	Peak
374.2	22.49	-23.51	46	36.21	15.44	2.09	31.25	-	-	Peak
624.1	27.16	-18.84	46	35.05	20.25	2.76	30.9	-	-	Peak
875.4	33.81	-12.19	46	38.26	22.95	3.31	30.71	-	-	Peak
2380	48.93	-25.07	74	44.32	32.11	6.03	33.53	199	107	Peak
2380	34.59	-19.41	54	29.98	32.11	6.03	33.53	199	107	Average
2462	101.05	-	-	96.23	32.24	6.14	33.56	199	107	Peak
2462	98.02	-	-	93.2	32.24	6.14	33.56	199	107	Average
2483.5	46.87	-27.13	74	41.98	32.27	6.18	33.56	199	107	Peak
2483.5	35.68	-18.32	54	30.79	32.27	6.18	33.56	199	107	Average
8430	56.51	-17.49	74	43.62	36	10.98	34.09	148	313	Peak
8430	41.73	-12.27	54	28.84	36	10.98	34.09	148	313	Average

Test Mode :	Mode 3	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.53	-1.47	40	60.42	8.96	0.68	31.53	103	314	Peak
136.38	30.35	-13.15	43.5	49	11.72	1.19	31.56	-	-	Peak
250.05	27	-19	46	44.11	12.77	1.53	31.41	-	-	Peak
500.2	26.33	-19.67	46	36.77	18.18	2.45	31.07	-	-	Peak
624.1	30.14	-15.86	46	38.03	20.25	2.76	30.9	-	-	Peak
895	30.28	-15.72	46	34.52	23.13	3.33	30.7	-	-	Peak
2388	53.09	-20.91	74	48.46	32.13	6.03	33.53	110	2	Peak
2388	41.67	-12.33	54	37.04	32.13	6.03	33.53	110	2	Average
2462	109.52	-	-	104.7	32.24	6.14	33.56	110	2	Peak
2462	106.19	-	-	101.37	32.24	6.14	33.56	110	2	Average
2483.5	54.19	-19.81	74	49.3	32.27	6.18	33.56	110	2	Peak
2483.5	42.41	-11.59	54	37.52	32.27	6.18	33.56	110	2	Average
8322	56.34	-17.66	74	43.5	36	10.94	34.1	100	122	Peak
8322	42.26	-11.74	54	29.42	36	10.94	34.1	100	122	Average

Test Mode :	Mode 4	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.8	-1.2	40	60.69	8.96	0.68	31.53	100	13	Peak
130.98	25.76	-17.74	43.5	44.41	11.77	1.15	31.57	-	-	Peak
250.05	28.91	-17.09	46	46.02	12.77	1.53	31.41	-	-	Peak
374.2	22.49	-23.51	46	36.21	15.44	2.09	31.25	-	-	Peak
500.2	25.36	-20.64	46	35.8	18.18	2.45	31.07	-	-	Peak
962.2	33.78	-20.22	54	36.76	24.12	3.47	30.57	-	-	Peak
2389.99	37.86	-16.14	54	33.23	32.13	6.03	33.53	131	268	Average
2389.99	54.7	-19.3	74	50.07	32.13	6.03	33.53	131	268	Peak
2412	98.62	-	-	93.93	32.16	6.07	33.54	131	268	Peak
2412	88.34	-	-	83.65	32.16	6.07	33.54	131	268	Average
2484	36.82	-17.18	54	31.93	32.27	6.18	33.56	131	268	Average
2484	48.17	-25.83	74	43.28	32.27	6.18	33.56	131	268	Peak
8325	55.99	-18.01	74	43.15	36	10.94	34.1	152	211	Peak
8325	41.47	-12.53	54	28.63	36	10.94	34.1	152	211	Average

Test Mode :	Mode 4	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.38	-1.62	40	60.27	8.96	0.68	31.53	101	106	Peak
138.54	29.9	-13.6	43.5	48.54	11.71	1.2	31.55	-	-	Peak
169.05	30.02	-13.48	43.5	50.57	9.74	1.23	31.52	-	-	Peak
500.2	25.96	-20.04	46	36.4	18.18	2.45	31.07	-	-	Peak
624.1	30.1	-15.9	46	37.99	20.25	2.76	30.9	-	-	Peak
897.8	29.73	-16.27	46	33.93	23.16	3.34	30.7	-	-	Peak
2389.99	45.23	-8.77	54	40.6	32.13	6.03	33.53	121	289	Average
2389.99	63.46	-10.54	74	58.83	32.13	6.03	33.53	121	289	Peak
2412	109	-	-	104.31	32.16	6.07	33.54	121	289	Peak
2412	96.57	-	-	91.88	32.16	6.07	33.54	121	289	Average
2500	40.48	-13.52	54	35.57	32.3	6.18	33.57	121	289	Average
2500	55.43	-18.57	74	50.52	32.3	6.18	33.57	121	289	Peak
8298	56.39	-17.61	74	43.56	36	10.93	34.1	102	87	Peak
8298	42.16	-11.84	54	29.33	36	10.93	34.1	102	87	Average

Test Mode :	Mode 5	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.61	-1.39	40	60.5	8.96	0.68	31.53	108	255	Peak
129.09	26.84	-16.66	43.5	45.49	11.78	1.14	31.57	-	-	Peak
250.05	29.19	-16.81	46	46.3	12.77	1.53	31.41	-	-	Peak
500.2	25.06	-20.94	46	35.5	18.18	2.45	31.07	-	-	Peak
624.1	28.22	-17.78	46	36.11	20.25	2.76	30.9	-	-	Peak
957.3	33.54	-12.46	46	36.6	24.04	3.47	30.57	-	-	Peak
2364	50.71	-23.29	74	46.16	32.08	5.99	33.52	100	271	Peak
2364	40.09	-13.91	54	35.54	32.08	5.99	33.52	100	271	Average
2437	101.72	-	-	96.94	32.22	6.11	33.55	100	271	Peak
2437	90.42	-	-	85.64	32.22	6.11	33.55	100	271	Average
2484	50	-24	74	45.11	32.27	6.18	33.56	100	271	Peak
2484	40.84	-13.16	54	35.95	32.27	6.18	33.56	100	271	Average
8457	56.2	-17.8	74	43.29	36	10.99	34.08	152	261	Peak
8457	41.68	-12.32	54	28.77	36	10.99	34.08	152	261	Average

Test Mode :	Mode 5	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.29	-1.71	40	60.18	8.96	0.68	31.53	100	196	Peak
134.22	29.87	-13.63	43.5	48.52	11.74	1.17	31.56	-	-	Peak
250.05	26.64	-19.36	46	43.75	12.77	1.53	31.41	-	-	Peak
500.2	25.49	-20.51	46	35.93	18.18	2.45	31.07	-	-	Peak
624.1	31.78	-14.22	46	39.67	20.25	2.76	30.9	-	-	Peak
897.8	30.87	-15.13	46	35.07	23.16	3.34	30.7	-	-	Peak
2390	59.16	-14.84	74	54.53	32.13	6.03	33.53	100	70	Peak
2390	42.92	-11.08	54	38.29	32.13	6.03	33.53	100	70	Average
2437	111.8	-	-	107.02	32.22	6.11	33.55	100	70	Peak
2437	97.92	-	-	93.14	32.22	6.11	33.55	100	70	Average
2500	56.93	-17.07	74	52.02	32.3	6.18	33.57	100	70	Peak
2500	39.97	-14.03	54	35.06	32.3	6.18	33.57	100	70	Average
8430	56.91	-17.09	74	44.02	36	10.98	34.09	109	120	Peak
8430	42.73	-11.27	54	29.84	36	10.98	34.09	109	120	Average

Test Mode :	Mode 6	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.55	-1.45	40	60.44	8.96	0.68	31.53	100	187	Peak
129.09	26.52	-16.98	43.5	45.17	11.78	1.14	31.57	-	-	Peak
250.05	29.64	-16.36	46	46.75	12.77	1.53	31.41	-	-	Peak
374.2	23.71	-22.29	46	37.43	15.44	2.09	31.25	-	-	Peak
624.1	26.74	-19.26	46	34.63	20.25	2.76	30.9	-	-	Peak
875.4	33.93	-12.07	46	38.38	22.95	3.31	30.71	-	-	Peak
2388	48.52	-25.48	74	43.89	32.13	6.03	33.53	100	268	Peak
2388	35.18	-18.82	54	30.55	32.13	6.03	33.53	100	268	Average
2462	88.33	-	-	83.51	32.24	6.14	33.56	100	268	Average
2462	101.78	-	-	96.96	32.24	6.14	33.56	100	268	Peak
2483.5	39.16	-14.84	54	34.27	32.27	6.18	33.56	100	268	Average
2483.5	56.99	-17.01	74	52.1	32.27	6.18	33.56	100	268	Peak
8457	56.13	-17.87	74	43.22	36	10.99	34.08	147	233	Peak
8457	41.71	-12.29	54	28.8	36	10.99	34.08	147	233	Average

Test Mode :	Mode 6	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	37.87	-2.13	40	59.76	8.96	0.68	31.53	104	115	Peak
135.57	30.13	-13.37	43.5	48.78	11.73	1.18	31.56	-	-	Peak
250.05	26.74	-19.26	46	43.85	12.77	1.53	31.41	-	-	Peak
500.2	25.76	-20.24	46	36.2	18.18	2.45	31.07	-	-	Peak
624.1	30.18	-15.82	46	38.07	20.25	2.76	30.9	-	-	Peak
965	31.62	-22.38	54	34.55	24.16	3.48	30.57	-	-	Peak
2366	55.67	-18.33	74	51.12	32.08	5.99	33.52	109	0	Peak
2366	39.9	-14.1	54	35.35	32.08	5.99	33.52	109	0	Average
2462	109.94	-	-	105.12	32.24	6.14	33.56	109	0	Peak
2462	97.74	-	-	92.92	32.24	6.14	33.56	109	0	Average
2483.5	66.36	-7.64	74	61.47	32.27	6.18	33.56	109	0	Peak
2483.5	46.61	-7.39	54	41.72	32.27	6.18	33.56	109	0	Average
8469	55.88	-18.12	74	42.97	36	10.99	34.08	105	166	Peak
8469	42.27	-11.73	54	29.36	36	10.99	34.08	105	166	Average

Test Mode :	Mode 7	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.62	-1.38	40	60.51	8.96	0.68	31.53	113	119	Peak
130.17	26.37	-17.13	43.5	45.02	11.77	1.15	31.57	-	-	Peak
250.05	29.74	-16.26	46	46.85	12.77	1.53	31.41	-	-	Peak
500.2	26.29	-19.71	46	36.73	18.18	2.45	31.07	-	-	Peak
624.1	26.95	-19.05	46	34.84	20.25	2.76	30.9	-	-	Peak
962.2	33.61	-20.39	54	36.59	24.12	3.47	30.57	-	-	Peak
2389.61	55.97	-18.03	74	51.34	32.13	6.03	33.53	100	95	Peak
2389.61	39.21	-14.79	54	34.58	32.13	6.03	33.53	100	95	Average
2412	102.81	-	-	98.12	32.16	6.07	33.54	100	95	Peak
2412	91.05	-	-	86.36	32.16	6.07	33.54	100	95	Average
2484	35.8	-18.2	54	30.91	32.27	6.18	33.56	100	95	Average
2484	47.89	-26.11	74	43	32.27	6.18	33.56	100	95	Peak
8454	56.28	-17.72	74	43.38	36	10.99	34.09	152	233	Peak
8454	41.62	-12.38	54	28.72	36	10.99	34.09	152	233	Average

Test Mode :	Mode 7	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.88	-1.12	40	60.77	8.96	0.68	31.53	100	148	Peak
134.22	30.22	-13.28	43.5	48.87	11.74	1.17	31.56	-	-	Peak
250.05	27.54	-18.46	46	44.65	12.77	1.53	31.41	-	-	Peak
500.2	25.06	-20.94	46	35.5	18.18	2.45	31.07	-	-	Peak
624.1	30.22	-15.78	46	38.11	20.25	2.76	30.9	-	-	Peak
959.4	30.41	-15.59	46	33.44	24.07	3.47	30.57	-	-	Peak
2389.99	46.48	-7.52	54	41.85	32.13	6.03	33.53	150	263	Average
2389.99	65.13	-8.87	74	60.5	32.13	6.03	33.53	150	263	Peak
2412	111.12	-	-	106.43	32.16	6.07	33.54	150	263	Peak
2412	99.83	-	-	95.14	32.16	6.07	33.54	150	263	Average
2486	44.11	-9.89	54	39.22	32.27	6.18	33.56	150	263	Average
2486	54.58	-19.42	74	49.69	32.27	6.18	33.56	150	263	Peak
8466	56.22	-17.78	74	43.31	36	10.99	34.08	100	193	Peak
8466	42.8	-11.2	54	29.89	36	10.99	34.08	100	193	Average

Test Mode :	Mode 8	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.29	-1.71	40	60.18	8.96	0.68	31.53	110	140	Peak
130.17	26.19	-17.31	43.5	44.84	11.77	1.15	31.57	-	-	Peak
250.05	29.62	-16.38	46	46.73	12.77	1.53	31.41	-	-	Peak
374.2	23.25	-22.75	46	36.97	15.44	2.09	31.25	-	-	Peak
624.1	27.55	-18.45	46	35.44	20.25	2.76	30.9	-	-	Peak
895.7	33.5	-12.5	46	37.74	23.13	3.33	30.7	-	-	Peak
2390	49.81	-24.19	74	45.18	32.13	6.03	33.53	100	99	Peak
2390	40.68	-13.32	54	36.05	32.13	6.03	33.53	100	99	Average
2437	103.14	-	-	98.36	32.22	6.11	33.55	100	99	Peak
2437	91.28	-	-	86.5	32.22	6.11	33.55	100	99	Average
2484	48.96	-25.04	74	44.07	32.27	6.18	33.56	100	99	Peak
2484	40.19	-13.81	54	35.3	32.27	6.18	33.56	100	99	Average
8382	56.18	-17.82	74	43.31	36	10.96	34.09	134	188	Peak
8382	42.21	-11.79	54	29.34	36	10.96	34.09	134	188	Average

Test Mode :	Mode 8	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.05	-1.95	40	59.94	8.96	0.68	31.53	100	43	Peak
135.3	30.12	-13.38	43.5	48.77	11.73	1.18	31.56	-	-	Peak
250.05	27.5	-18.5	46	44.61	12.77	1.53	31.41	-	-	Peak
500.2	26.2	-19.8	46	36.64	18.18	2.45	31.07	-	-	Peak
624.1	30.18	-15.82	46	38.07	20.25	2.76	30.9	-	-	Peak
897.8	30.94	-15.06	46	35.14	23.16	3.34	30.7	-	-	Peak
2388	58.36	-15.64	74	53.73	32.13	6.03	33.53	100	70	Peak
2388	43.38	-10.62	54	38.75	32.13	6.03	33.53	100	70	Average
2437	111.41	-	-	106.63	32.22	6.11	33.55	100	70	Peak
2437	97.59	-	-	92.81	32.22	6.11	33.55	100	70	Average
2484	56.29	-17.71	74	51.4	32.27	6.18	33.56	100	70	Peak
2484	43.51	-10.49	54	38.62	32.27	6.18	33.56	100	70	Average
8409	56.11	-17.89	74	43.23	36	10.97	34.09	103	88	Peak
8409	42.8	-11.2	54	29.92	36	10.97	34.09	103	88	Average

Test Mode :	Mode 9	**Temperature :**	24~25°C
Test Channel :	11	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	39.08	-0.92	40	60.97	8.96	0.68	31.53	116	255	Peak
111.81	26.79	-16.71	43.5	45.86	11.42	1.06	31.55	-	-	Peak
250.05	28.84	-17.16	46	45.95	12.77	1.53	31.41	-	-	Peak
374.2	22.56	-23.44	46	36.28	15.44	2.09	31.25	-	-	Peak
624.1	27.91	-18.09	46	35.8	20.25	2.76	30.9	-	-	Peak
875.4	33.97	-12.03	46	38.42	22.95	3.31	30.71	-	-	Peak
2366	48.65	-25.35	74	44.1	32.08	5.99	33.52	191	97	Peak
2366	35.65	-18.35	54	31.1	32.08	5.99	33.52	191	97	Average
2462	99.73	-	-	94.91	32.24	6.14	33.56	191	97	Peak
2462	89.1	-	-	84.28	32.24	6.14	33.56	191	97	Average
2483.85	36.75	-17.25	54	31.86	32.27	6.18	33.56	191	97	Average
2483.85	53.87	-20.13	74	48.98	32.27	6.18	33.56	191	97	Peak
8262	55.85	-18.15	74	43.03	36	10.92	34.1	100	106	Peak
8262	41.81	-12.19	54	28.99	36	10.92	34.1	100	106	Average

Test Mode :	Mode 9	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.4	-1.6	40	60.29	8.96	0.68	31.53	100	194	Peak
132.33	29.66	-13.84	43.5	48.31	11.76	1.16	31.57	-	-	Peak
250.05	27.71	-18.29	46	44.82	12.77	1.53	31.41	-	-	Peak
500.2	26.4	-19.6	46	36.84	18.18	2.45	31.07	-	-	Peak
624.1	30.05	-15.95	46	37.94	20.25	2.76	30.9	-	-	Peak
897.8	30.35	-15.65	46	34.55	23.16	3.34	30.7	-	-	Peak
2388	54.87	-19.13	74	50.24	32.13	6.03	33.53	102	233	Peak
2388	40.57	-13.43	54	35.94	32.13	6.03	33.53	102	233	Average
2462	108.61	-	-	103.79	32.24	6.14	33.56	102	233	Peak
2462	94.88	-	-	90.06	32.24	6.14	33.56	102	233	Average
2483.5	59.24	-14.76	74	54.35	32.27	6.18	33.56	102	233	Peak
2483.5	41.71	-12.29	54	36.82	32.27	6.18	33.56	102	233	Average
8421	56	-18	74	43.12	36	10.97	34.09	121	309	Peak
8421	42.35	-11.65	54	29.47	36	10.97	34.09	121	309	Average

Test Mode :	Mode 10	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2422 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.95	-1.05	40	60.84	8.96	0.68	31.53	100	37	Peak
126.93	26.01	-17.49	43.5	44.65	11.8	1.13	31.57	-	-	Peak
250.05	29.38	-16.62	46	46.49	12.77	1.53	31.41	-	-	Peak
500.2	24.43	-21.57	46	34.87	18.18	2.45	31.07	-	-	Peak
624.1	26.52	-19.48	46	34.41	20.25	2.76	30.9	-	-	Peak
960.1	33.71	-20.29	54	36.72	24.09	3.47	30.57	-	-	Peak
2388.85	57.78	-16.22	74	53.15	32.13	6.03	33.53	100	97	Peak
2388.85	39.09	-14.91	54	34.46	32.13	6.03	33.53	100	97	Average
2422	95.59	-	-	90.88	32.19	6.07	33.55	100	97	Peak
2422	83.82	-	-	79.11	32.19	6.07	33.55	100	97	Average
2494	47.81	-26.19	74	42.9	32.3	6.18	33.57	100	97	Peak
2494	35.97	-18.03	54	31.06	32.3	6.18	33.57	100	97	Average
8274	56.36	-17.64	74	43.54	36	10.92	34.1	101	162	Peak
8274	41.6	-12.4	54	28.78	36	10.92	34.1	101	162	Average

Test Mode :	Mode 10	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2422 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	37.91	-2.09	40	59.8	8.96	0.68	31.53	100	142	Peak
134.49	30.28	-13.22	43.5	48.93	11.74	1.17	31.56	-	-	Peak
250.05	27.18	-18.82	46	44.29	12.77	1.53	31.41	-	-	Peak
500.2	25.15	-20.85	46	35.59	18.18	2.45	31.07	-	-	Peak
624.1	30.32	-15.68	46	38.21	20.25	2.76	30.9	-	-	Peak
895	30.39	-15.61	46	34.63	23.13	3.33	30.7	-	-	Peak
2387.33	46.14	-7.86	54	41.51	32.13	6.03	33.53	154	256	Average
2387.33	68.17	-5.83	74	63.54	32.13	6.03	33.53	154	256	Peak
2422	104.09	-	-	99.38	32.19	6.07	33.55	154	256	Peak
2422	92.25	-	-	87.54	32.19	6.07	33.55	154	256	Average
2500	40.3	-13.7	54	35.39	32.3	6.18	33.57	154	256	Average
2500	54.49	-19.51	74	49.58	32.3	6.18	33.57	154	256	Peak
8349	56.36	-17.64	74	43.51	36	10.95	34.1	100	87	Peak
8349	42.53	-11.47	54	29.68	36	10.95	34.1	100	87	Average

Test Mode :	Mode 11	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2452 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.37	-1.63	40	60.26	8.96	0.68	31.53	102	18	Peak
129.09	26.42	-17.08	43.5	45.07	11.78	1.14	31.57	-	-	Peak
250.05	29.75	-16.25	46	46.86	12.77	1.53	31.41	-	-	Peak
500.2	24.06	-21.94	46	34.5	18.18	2.45	31.07	-	-	Peak
624.1	28.09	-17.91	46	35.98	20.25	2.76	30.9	-	-	Peak
954.5	34.4	-11.6	46	37.51	24	3.46	30.57	-	-	Peak
2372	49.35	-24.65	74	44.78	32.11	5.99	33.53	100	98	Peak
2372	36.26	-17.74	54	31.69	32.11	5.99	33.53	100	98	Average
2452	95.79	-	-	91.01	32.22	6.11	33.55	100	98	Peak
2452	83.99	-	-	79.21	32.22	6.11	33.55	100	98	Average
2483.5	55.82	-18.18	74	50.93	32.27	6.18	33.56	100	98	Peak
2483.5	37.57	-16.43	54	32.68	32.27	6.18	33.56	100	98	Average
8313	56.03	-17.97	74	43.19	36	10.94	34.1	100	117	Peak
8313	41.25	-12.75	54	28.41	36	10.94	34.1	100	117	Average

Test Mode :	Mode 11	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2452 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.5	-1.5	40	60.39	8.96	0.68	31.53	100	52	Peak
137.46	30.15	-13.35	43.5	48.8	11.71	1.19	31.55	-	-	Peak
250.05	27.65	-18.35	46	44.76	12.77	1.53	31.41	-	-	Peak
500.2	25.49	-20.51	46	35.93	18.18	2.45	31.07	-	-	Peak
624.1	30.17	-15.83	46	38.06	20.25	2.76	30.9	-	-	Peak
897.8	30.64	-15.36	46	34.84	23.16	3.34	30.7	-	-	Peak
2374	55.3	-18.7	74	50.73	32.11	5.99	33.53	150	233	Peak
2374	41.12	-12.88	54	36.55	32.11	5.99	33.53	150	233	Average
2452	105.54	-	-	100.76	32.22	6.11	33.55	150	233	Peak
2452	90.96	-	-	86.18	32.22	6.11	33.55	150	233	Average
2483.5	44.73	-9.27	54	39.84	32.27	6.18	33.56	150	233	Average
2483.5	65.02	-8.98	74	60.13	32.27	6.18	33.56	150	233	Peak
8418	56.92	-17.08	74	44.04	36	10.97	34.09	100	205	Peak
8418	42.08	-11.92	54	29.2	36	10.97	34.09	100	205	Average

Test Mode :	Mode 12	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2422 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.73	-1.27	40	60.62	8.96	0.68	31.53	100	210	Peak
129.9	26.31	-17.19	43.5	44.96	11.77	1.15	31.57	-	-	Peak
250.05	29.8	-16.2	46	46.91	12.77	1.53	31.41	-	-	Peak
500.2	25.15	-20.85	46	35.59	18.18	2.45	31.07	-	-	Peak
624.1	27.14	-18.86	46	35.03	20.25	2.76	30.9	-	-	Peak
965.7	33.32	-20.68	54	36.23	24.18	3.48	30.57	-	-	Peak
2387.9	40.26	-13.74	54	35.63	32.13	6.03	33.53	103	278	Average
2387.9	60.53	-13.47	74	55.9	32.13	6.03	33.53	103	278	Peak
2422	97.1	-	-	92.39	32.19	6.07	33.55	103	278	Peak
2422	84.73	-	-	80.02	32.19	6.07	33.55	103	278	Average
2484	49.19	-24.81	74	44.3	32.27	6.18	33.56	103	278	Peak
2484	37.34	-16.66	54	32.45	32.27	6.18	33.56	103	278	Average
8313	56.03	-17.97	74	43.19	36	10.94	34.1	155	230	Peak
8313	41.79	-12.21	54	28.95	36	10.94	34.1	155	230	Average

Test Mode :	Mode 12	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2422 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.27	-1.73	40	60.16	8.96	0.68	31.53	100	190	Peak
133.14	30.53	-12.97	43.5	49.18	11.75	1.16	31.56	-	-	Peak
250.05	27.51	-18.49	46	44.62	12.77	1.53	31.41	-	-	Peak
500.2	25.82	-20.18	46	36.26	18.18	2.45	31.07	-	-	Peak
624.1	30.73	-15.27	46	38.62	20.25	2.76	30.9	-	-	Peak
875.4	30.61	-15.39	46	35.06	22.95	3.31	30.71	-	-	Peak
2387.9	70.37	-3.63	74	65.74	32.13	6.03	33.53	148	266	Peak
2387.9	48.33	-5.67	54	43.7	32.13	6.03	33.53	148	266	Average
2422	105.62	-	-	100.87	32.19	6.11	33.55	148	266	Peak
2422	93.07	-	-	88.36	32.19	6.07	33.55	148	266	Average
2484	57.28	-16.72	74	52.39	32.27	6.18	33.56	148	266	Peak
2484	43.99	-10.01	54	39.1	32.27	6.18	33.56	148	266	Average
8442	56.39	-17.61	74	43.5	36	10.98	34.09	104	112	Peak
8442	42.12	-11.88	54	29.23	36	10.98	34.09	104	112	Average

Test Mode :	Mode 13	**Temperature :**	24~25°C
Test Channel :	149	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5745 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.95	-1.05	40	60.84	8.96	0.68	31.53	105	44	Peak
130.17	26.46	-17.04	43.5	45.11	11.77	1.15	31.57	-	-	Peak
250.05	29.7	-16.3	46	46.81	12.77	1.53	31.41	-	-	Peak
500.2	21.22	-24.78	46	31.66	18.18	2.45	31.07	-	-	Peak
792.1	22.97	-23.03	46	28.41	22.11	3.13	30.68	-	-	Peak
957.3	29.59	-16.41	46	32.65	24.04	3.47	30.57	-	-	Peak
5725	56.63	-21.59	78.22	47.54	35.01	9.92	35.84	100	57	Peak
5745	98.22	-	-	89.1	35.04	9.91	35.83	100	57	Peak
5745	86.6	-	-	77.48	35.04	9.91	35.83	100	57	Average
5850	49.62	-28.6	78.22	40.34	35.18	9.87	35.77	100	57	Peak
8200	54.49	-19.51	74	41.71	36	10.89	34.11	100	115	Peak
8200	39.69	-14.31	54	26.91	36	10.89	34.11	100	115	Average

Test Mode :	Mode 13	Temperature :	24~25°C
Test Channel :	149	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5745 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	37.96	-2.04	40	59.85	8.96	0.68	31.53	100	90	Peak
136.38	30.19	-13.31	43.5	48.84	11.72	1.19	31.56	-	-	Peak
250.05	27.27	-18.73	46	44.38	12.77	1.53	31.41	-	-	Peak
500.2	25.8	-20.2	46	36.24	18.18	2.45	31.07	-	-	Peak
624.1	30.15	-15.85	46	38.04	20.25	2.76	30.9	-	-	Peak
875.4	32.2	-13.8	46	36.65	22.95	3.31	30.71	-	-	Peak
5725	71.04	-20.1	91.14	61.95	35.01	9.92	35.84	100	125	Peak
5745	111.14	-	-	102.02	35.04	9.91	35.83	100	125	Peak
5745	99.43	-	-	90.31	35.04	9.91	35.83	100	125	Average
5850	50.67	-40.47	91.14	41.39	35.18	9.87	35.77	100	125	Peak
8188	54.46	-19.54	74	41.68	36	10.89	34.11	100	106	Peak
8188	40.66	-13.34	54	27.88	36	10.89	34.11	100	106	Average

Test Mode :	Mode 14	Temperature :	24~25°C
Test Channel :	157	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5785 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.63	-1.37	40	60.52	8.96	0.68	31.53	100	130	Peak
129.09	26.28	-17.22	43.5	44.93	11.78	1.14	31.57	-	-	Peak
250.05	29.44	-16.56	46	46.55	12.77	1.53	31.41	-	-	Peak
500.2	25.54	-20.46	46	35.98	18.18	2.45	31.07	-	-	Peak
624.1	27.61	-18.39	46	35.5	20.25	2.76	30.9	-	-	Peak
898.5	34.94	-11.06	46	39.14	23.16	3.34	30.7	-	-	Peak
5725	51.18	-29.13	80.31	42.09	35.01	9.92	35.84	114	58	Peak
5785	88.18	-	-	79	35.09	9.9	35.81	114	58	Average
5785	100.31	-	-	91.13	35.09	9.9	35.81	114	58	Peak
5850	50.48	-29.83	80.31	41.2	35.18	9.87	35.77	114	58	Peak
8194	54.21	-19.79	74	41.43	36	10.89	34.11	100	164	Peak
8194	40.58	-13.42	54	27.8	36	10.89	34.11	100	164	Average

Test Mode :	Mode 14	**Temperature :**	24~25°C
Test Channel :	157	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5785 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.38	-1.62	40	60.27	8.96	0.68	31.53	100	17	Peak
135.57	30.11	-13.39	43.5	48.76	11.73	1.18	31.56	-	-	Peak
250.05	27.27	-18.73	46	44.38	12.77	1.53	31.41	-	-	Peak
500.2	26.7	-19.3	46	37.14	18.18	2.45	31.07	-	-	Peak
624.1	30.66	-15.34	46	38.55	20.25	2.76	30.9	-	-	Peak
895.7	30.27	-15.73	46	34.51	23.13	3.33	30.7	-	-	Peak
5725	54.94	-35.88	90.82	45.85	35.01	9.92	35.84	100	128	Peak
5785	98.24	-	-	89.06	35.09	9.9	35.81	100	128	Average
5785	110.82	-	-	101.64	35.09	9.9	35.81	100	128	Peak
5850	50.72	-40.1	90.82	41.44	35.18	9.87	35.77	100	128	Peak
8222	54.05	-19.95	74	41.26	36	10.9	34.11	114	106	Peak
8222	40.85	-13.15	54	28.06	36	10.9	34.11	114	106	Average

Test Mode :	Mode 15	**Temperature :**	24~25°C
Test Channel :	165	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5825 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	39.25	-0.75	40	61.14	8.96	0.68	31.53	100	129	Peak
130.17	29.99	-13.51	43.5	48.64	11.77	1.15	31.57	-	-	Peak
250.05	29.65	-16.35	46	46.76	12.77	1.53	31.41	-	-	Peak
500.2	25	-21	46	35.44	18.18	2.45	31.07	-	-	Peak
624.1	28.39	-17.61	46	36.28	20.25	2.76	30.9	-	-	Peak
962.9	34.47	-19.53	54	37.44	24.13	3.47	30.57	-	-	Peak
5725	50.08	-29.09	79.17	40.89	35.01	9.92	35.74	100	53	Peak
5825	99.17	-	-	89.89	35.16	9.88	35.76	100	53	Peak
5825	88.1	-	-	78.82	35.16	9.88	35.76	100	53	Average
5850	51.88	-27.29	79.17	42.6	35.18	9.87	35.77	100	53	Peak
8224	54.44	-19.56	74	41.65	36	10.9	34.11	100	174	Peak
8224	39.87	-14.13	54	27.08	36	10.9	34.11	100	174	Average

Test Mode :	Mode 15	**Temperature :**	24~25°C
Test Channel :	165	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5825 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.34	-1.66	40	60.23	8.96	0.68	31.53	100	45	Peak
138.54	29.84	-13.66	43.5	48.48	11.71	1.2	31.55	-	-	Peak
250.05	27.04	-18.96	46	44.15	12.77	1.53	31.41	-	-	Peak
500.2	25.91	-20.09	46	36.35	18.18	2.45	31.07	-	-	Peak
624.1	31.2	-14.8	46	39.09	20.25	2.76	30.9	-	-	Peak
962.2	33.16	-20.84	54	36.14	24.12	3.47	30.57	-	-	Peak
5725	54.53	-36.34	90.87	45.34	35.01	9.92	35.74	100	131	Peak
5825	110.87	-	-	101.59	35.16	9.88	35.76	100	131	Peak
5825	99.2	-	-	89.92	35.16	9.88	35.76	100	131	Average
5850	60.01	-30.86	90.87	50.73	35.18	9.87	35.77	100	131	Peak
8182	54.31	-19.69	74	41.54	36	10.88	34.11	100	145	Peak
8182	40.22	-13.78	54	27.45	36	10.88	34.11	100	145	Average
11650	43.57	-30.43	74	73.91	-9.91	13.22	33.65	100	0	Peak

Test Mode :	Mode 16	**Temperature :**	24~25°C
Test Channel :	149	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5745 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.55	-1.45	40	60.44	8.96	0.68	31.53	105	64	Peak
130.17	25.87	-17.63	43.5	44.52	11.77	1.15	31.57	-	-	Peak
250.05	29.54	-16.46	46	46.65	12.77	1.53	31.41	-	-	Peak
500.2	24.43	-21.57	46	34.87	18.18	2.45	31.07	-	-	Peak
624.1	27.81	-18.19	46	35.7	20.25	2.76	30.9	-	-	Peak
954.5	33.53	-12.47	46	36.64	24	3.46	30.57	-	-	Peak
5725	56.74	-24.13	80.87	47.55	35.01	9.92	35.74	185	107	Peak
5745	88.9	-	-	79.7	35.04	9.91	35.75	185	107	Average
5745	100.87	-	-	91.67	35.04	9.91	35.75	185	107	Peak
5850	49.11	-31.76	80.87	39.83	35.18	9.87	35.77	185	107	Peak
8176	54.63	-19.37	74	41.86	36	10.88	34.11	104	258	Peak
8176	39.97	-14.03	54	27.2	36	10.88	34.11	104	258	Average

Test Mode :	Mode 16	**Temperature :**	24~25°C
Test Channel :	149	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5745 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.43	-1.57	40	60.32	8.96	0.68	31.53	104	114	Peak
138.54	29.9	-13.6	43.5	48.54	11.71	1.2	31.55	-	-	Peak
250.05	27.22	-18.78	46	44.33	12.77	1.53	31.41	-	-	Peak
500.2	25.28	-20.72	46	35.72	18.18	2.45	31.07	-	-	Peak
624.1	31.72	-14.28	46	39.61	20.25	2.76	30.9	-	-	Peak
957.3	31.15	-14.85	46	34.21	24.04	3.47	30.57	-	-	Peak
5725	71.32	-22.29	93.61	62.13	35.01	9.92	35.74	108	241	Peak
5745	113.61	-	-	104.41	35.04	9.91	35.75	108	241	Peak
5745	101.79	-	-	92.59	35.04	9.91	35.75	108	241	Average
5850	50.52	-43.09	93.61	41.24	35.18	9.87	35.77	108	241	Peak
8204	54.93	-19.07	74	42.15	36	10.89	34.11	102	221	Peak
8204	39.67	-14.33	54	26.89	36	10.89	34.11	102	221	Average
11490	40.34	-33.66	74	70.46	-9.7	13.14	33.56	100	0	Peak

Test Mode :	Mode 17	**Temperature :**	24~25°C
Test Channel :	157	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5785 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	39.23	-0.77	40	61.12	8.96	0.68	31.53	100	187	Peak
130.98	25.65	-17.85	43.5	44.3	11.77	1.15	31.57	-	-	Peak
250.05	29.44	-16.56	46	46.55	12.77	1.53	31.41	-	-	Peak
500.2	25	-21	46	35.44	18.18	2.45	31.07	-	-	Peak
624.1	27.71	-18.29	46	35.6	20.25	2.76	30.9	-	-	Peak
875.4	33.17	-12.83	46	37.62	22.95	3.31	30.71	-	-	Peak
5725	49.87	-27.53	77.4	40.68	35.01	9.92	35.74	100	344	Peak
5785	97.4	-	-	88.17	35.09	9.9	35.76	100	344	Peak
5785	84.52	-	-	75.29	35.09	9.9	35.76	100	344	Average
5850	49.37	-28.03	77.4	40.09	35.18	9.87	35.77	100	344	Peak
8238	54.74	-19.26	74	41.94	36	10.91	34.11	100	89	Peak
8238	41.22	-12.78	54	28.42	36	10.91	34.11	100	89	Average

Test Mode :	Mode 17	**Temperature :**	24~25°C
Test Channel :	157	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5785 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.55	-1.45	40	60.44	8.96	0.68	31.53	100	91	Peak
138.54	29.8	-13.7	43.5	48.44	11.71	1.2	31.55	-	-	Peak
250.05	26.95	-19.05	46	44.06	12.77	1.53	31.41	-	-	Peak
500.2	25.15	-20.85	46	35.59	18.18	2.45	31.07	-	-	Peak
624.1	30.52	-15.48	46	38.41	20.25	2.76	30.9	-	-	Peak
960.1	30.03	-23.97	54	33.04	24.09	3.47	30.57	-	-	Peak
5725	52.26	-38.25	90.51	43.07	35.01	9.92	35.74	100	119	Peak
5785	99.21	-	-	89.98	35.09	9.9	35.76	100	119	Average
5785	110.51	-	-	101.28	35.09	9.9	35.76	100	119	Peak
5850	50.87	-39.64	90.51	41.59	35.18	9.87	35.77	100	119	Peak
8164	54.29	-19.71	74	41.53	36	10.87	34.11	100	110	Peak
8164	41.05	-12.95	54	28.29	36	10.87	34.11	100	110	Average
11570	40.79	-33.21	74	70.99	-9.78	13.17	33.59	100	0	Peak

Test Mode :	Mode 18	Temperature :	24~25°C
Test Channel :	165	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5825 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.78	-1.22	40	60.67	8.96	0.68	31.53	100	50	Peak
129.9	26.04	-17.46	43.5	44.69	11.77	1.15	31.57	-	-	Peak
250.05	29.31	-16.69	46	46.42	12.77	1.53	31.41	-	-	Peak
500.2	24.58	-21.42	46	35.02	18.18	2.45	31.07	-	-	Peak
624.1	27.21	-18.79	46	35.1	20.25	2.76	30.9	-	-	Peak
875.4	34.09	-11.91	46	38.54	22.95	3.31	30.71	-	-	Peak
5725	49.81	-29.3	79.11	40.62	35.01	9.92	35.74	100	268	Peak
5825	99.11	-	-	89.83	35.16	9.88	35.76	100	268	Peak
5825	86.16	-	-	76.88	35.16	9.88	35.76	100	268	Average
5850	50.11	-29	79.11	40.83	35.18	9.87	35.77	100	268	Peak
8198	54.1	-19.9	74	41.32	36	10.89	34.11	100	36	Peak
8198	41.52	-12.48	54	28.74	36	10.89	34.11	100	36	Average

Test Mode :	Mode 18	**Temperature :**	24~25°C
Test Channel :	165	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5825 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.21	-1.79	40	60.1	8.96	0.68	31.53	100	300	Peak
134.49	29.82	-13.68	43.5	48.47	11.74	1.17	31.56	-	-	Peak
250.05	27.02	-18.98	46	44.13	12.77	1.53	31.41	-	-	Peak
500.2	25.53	-20.47	46	35.97	18.18	2.45	31.07	-	-	Peak
624.1	30.61	-15.39	46	38.5	20.25	2.76	30.9	-	-	Peak
895.7	30.56	-15.44	46	34.8	23.13	3.33	30.7	-	-	Peak
5725	53.11	-39.61	92.72	43.92	35.01	9.92	35.74	107	118	Peak
5825	112.72	-	-	103.44	35.16	9.88	35.76	107	118	Peak
5825	101.05	-	-	91.77	35.16	9.88	35.76	107	118	Average
5850	57.42	-35.3	92.72	48.14	35.18	9.87	35.77	107	118	Peak
8256	55.14	-18.86	74	42.33	36	10.91	34.1	100	16	Peak
8256	39.46	-14.54	54	26.65	36	10.91	34.1	100	16	Average
11650	46.51	-27.49	74	76.85	-9.91	13.22	33.65	100	0	Peak

Test Mode :	Mode 19	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	39.17	-0.83	40	61.06	8.96	0.68	31.53	120	145	Peak
122.34	26.07	-17.43	43.5	44.46	12.06	1.11	31.56	-	-	Peak
250.05	28.91	-17.09	46	46.02	12.77	1.53	31.41	-	-	Peak
374.2	23.6	-22.4	46	37.32	15.44	2.09	31.25	-	-	Peak
624.1	27.32	-18.68	46	35.21	20.25	2.76	30.9	-	-	Peak
948.2	33.93	-12.07	46	37.13	23.91	3.46	30.57	-	-	Peak
5725	64.28	-15.44	79.72	55.09	35.01	9.92	35.74	176	107	Peak
5755	99.72	-	-	90.52	35.04	9.91	35.75	176	107	Peak
5755	86.18	-	-	76.96	35.06	9.91	35.75	176	107	Average
5850	49.96	-29.76	79.72	40.68	35.18	9.87	35.77	176	107	Peak
8208	55.14	-18.86	74	42.36	36	10.89	34.11	114	124	Peak
8208	39.77	-14.23	54	26.99	36	10.89	34.11	114	124	Average

Test Mode :	Mode 19	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.41	-1.59	40	60.3	8.96	0.68	31.53	100	109	Peak
135.57	29.95	-13.55	43.5	48.6	11.73	1.18	31.56	-	-	Peak
250.05	27.23	-18.77	46	44.34	12.77	1.53	31.41	-	-	Peak
500.2	25.93	-20.07	46	36.37	18.18	2.45	31.07	-	-	Peak
624.1	30.45	-15.55	46	38.34	20.25	2.76	30.9	-	-	Peak
875.4	31.62	-14.38	46	36.07	22.95	3.31	30.71	-	-	Peak
5725	77.21	-13.75	90.96	68.02	35.01	9.92	35.74	108	243	Peak
5755	110.96	-	-	101.76	35.04	9.91	35.75	108	243	Peak
5755	98.11	-	-	88.89	35.06	9.91	35.75	108	243	Average
5850	51.12	-39.84	90.96	41.84	35.18	9.87	35.77	108	243	Peak
8220	54.7	-19.3	74	41.91	36	10.9	34.11	103	339	Peak
8220	39.62	-14.38	54	26.83	36	10.9	34.11	103	339	Average

Test Mode :	Mode 20	**Temperature :**	24~25°C
Test Channel :	159	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5795 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.78	-1.22	40	60.67	8.96	0.68	31.53	100	175	Peak
130.17	25.36	-18.14	43.5	44.01	11.77	1.15	31.57	-	-	Peak
250.05	29.37	-16.63	46	46.48	12.77	1.53	31.41	-	-	Peak
500.2	24.4	-21.6	46	34.84	18.18	2.45	31.07	-	-	Peak
624.1	27.42	-18.58	46	35.31	20.25	2.76	30.9	-	-	Peak
965.7	34.42	-19.58	54	37.33	24.18	3.48	30.57	-	-	Peak
5725	50.16	-26.01	76.17	40.97	35.01	9.92	35.74	176	112	Peak
5795	96.17	-	-	86.94	35.09	9.9	35.76	176	112	Peak
5795	82.36	-	-	73.12	35.11	9.89	35.76	176	112	Average
5850	49.77	-26.4	76.17	40.49	35.18	9.87	35.77	176	112	Peak
8268	55.37	-18.63	74	42.55	36	10.92	34.1	113	314	Peak
8268	41.52	-12.48	54	28.7	36	10.92	34.1	113	314	Average

Test Mode :	Mode 20	**Temperature :**	24~25°C
Test Channel :	159	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5795 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.32	-1.68	40	60.21	8.96	0.68	31.53	103	336	Peak
168.78	28.33	-15.17	43.5	48.88	9.74	1.23	31.52	-	-	Peak
250.05	27.11	-18.89	46	44.22	12.77	1.53	31.41	-	-	Peak
500.2	25.28	-20.72	46	35.72	18.18	2.45	31.07	-	-	Peak
624.1	31.83	-14.17	46	39.72	20.25	2.76	30.9	-	-	Peak
895.7	30.51	-15.49	46	34.75	23.13	3.33	30.7	-	-	Peak
5725	54.68	-34.16	88.84	45.49	35.01	9.92	35.74	110	119	Peak
5795	108.84	-	-	99.61	35.09	9.9	35.76	110	119	Peak
5795	95.8	-	-	86.56	35.11	9.89	35.76	110	119	Average
5850	52.21	-36.63	88.84	42.93	35.18	9.87	35.77	110	119	Peak
8234	54.77	-19.23	74	41.98	36	10.9	34.11	102	228	Peak
8234	39.71	-14.29	54	26.92	36	10.9	34.11	102	228	Average

Test Mode :	Mode 21	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.28	-1.72	40	60.17	8.96	0.68	31.53	100	66	Peak
126.93	24.18	-19.32	43.5	42.82	11.8	1.13	31.57	-	-	Peak
250.05	29.24	-16.76	46	46.35	12.77	1.53	31.41	-	-	Peak
500.2	22.01	-23.99	46	32.45	18.18	2.45	31.07	-	-	Peak
822.9	24.41	-21.59	46	29.48	22.43	3.2	30.7	-	-	Peak
960.1	32.21	-21.79	54	35.22	24.09	3.47	30.57	-	-	Peak
5725	63.54	-13.45	76.99	54.35	35.01	9.92	35.74	100	248	Peak
5755	83.86	-	-	74.64	35.06	9.91	35.75	100	248	Average
5755	96.99	-	-	87.79	35.04	9.91	35.75	100	248	Peak
5850	49.37	-27.62	76.99	40.09	35.18	9.87	35.77	100	248	Peak
8224	54.81	-19.19	74	42.02	36	10.9	34.11	104	156	Peak
8224	41.1	-12.9	54	28.31	36	10.9	34.11	104	156	Average

Test Mode :	Mode 21	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.89	-1.11	40	60.78	8.96	0.68	31.53	100	151	Peak
168.78	28.9	-14.6	43.5	49.45	9.74	1.23	31.52	-	-	Peak
250.05	26.84	-19.16	46	43.95	12.77	1.53	31.41	-	-	Peak
500.2	25.92	-20.08	46	36.36	18.18	2.45	31.07	-	-	Peak
624.1	31.67	-14.33	46	39.56	20.25	2.76	30.9	-	-	Peak
875.4	30.95	-15.05	46	35.4	22.95	3.31	30.71	-	-	Peak
5725	81.15	-10.25	91.4	71.96	35.01	9.92	35.74	100	268	Peak
5755	111.4	-	-	102.2	35.04	9.91	35.75	100	268	Peak
5755	99.15	-	-	89.93	35.06	9.91	35.75	100	268	Average
5850	53.36	-38.04	91.4	44.08	35.18	9.87	35.77	100	268	Peak
8132	53.82	-20.18	74	41.08	36	10.86	34.12	101	156	Peak
8132	41.03	-12.97	54	28.29	36	10.86	34.12	101	156	Average
11510	43.44	-30.56	74	73.57	-9.71	13.14	33.56	100	0	Peak

Test Mode :	Mode 22	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2422 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.8	-1.2	40	60.69	8.96	0.68	31.53	130	222	Peak
128.01	27.28	-16.22	43.5	45.92	11.79	1.14	31.57	-	-	Peak
250.05	29.05	-16.95	46	46.16	12.77	1.53	31.41	-	-	Peak
624.1	28.06	-17.94	46	35.95	20.25	2.76	30.9	-	-	Peak
960.1	35.04	-18.96	54	38.05	24.09	3.47	30.57	-	-	Peak
2387.14	41.95	-12.05	54	37.32	32.13	6.03	33.53	100	296	Average
2387.14	59.85	-14.15	74	55.22	32.13	6.03	33.53	100	296	Peak
2422	98.31	-	-	93.6	32.19	6.07	33.55	100	296	Peak
2422	87.54	-	-	82.83	32.19	6.07	33.55	100	296	Average
2486	37.33	-16.67	54	32.44	32.27	6.18	33.56	100	296	Average
2486	52.17	-21.83	74	47.28	32.27	6.18	33.56	100	296	Peak
8253	55.8	-18.2	74	42.99	36	10.91	34.1	100	104	Peak
8253	41.45	-12.55	54	28.64	36	10.91	34.1	100	104	Average

Test Mode :	Mode 22	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2422 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.36	-1.64	40	60.25	8.96	0.68	31.53	100	226	Peak
169.86	28.43	-15.07	43.5	49.05	9.67	1.23	31.52	-	-	Peak
250.05	26.94	-19.06	46	44.05	12.77	1.53	31.41	-	-	Peak
500.2	25.88	-20.12	46	36.32	18.18	2.45	31.07	-	-	Peak
624.1	30.86	-15.14	46	38.75	20.25	2.76	30.9	-	-	Peak
965	34.71	-19.29	54	37.64	24.16	3.48	30.57	-	-	Peak
2387.33	51.9	-2.1	54	47.27	32.13	6.03	33.53	100	304	Average
2387.33	71.35	-2.65	74	66.72	32.13	6.03	33.53	100	304	Peak
2422	108.52	-	-	103.81	32.19	6.07	33.55	100	304	Peak
2422	96.22	-	-	91.51	32.19	6.07	33.55	100	304	Average
2484	45.81	-8.19	54	40.92	32.27	6.18	33.56	100	304	Average
2484	58.6	-15.4	74	53.71	32.27	6.18	33.56	100	304	Peak
8346	56.22	-17.78	74	43.37	36	10.95	34.1	100	214	Peak
8346	42.64	-11.36	54	29.79	36	10.95	34.1	100	214	Average

Test Mode :	Mode 23	Temperature :	24~25°C
Test Channel :	151	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.34	-1.66	40	60.23	8.96	0.68	31.53	100	56	Peak
126.93	23.89	-19.61	43.5	42.53	11.8	1.13	31.57	-	-	Peak
250.05	29.65	-16.35	46	46.76	12.77	1.53	31.41	-	-	Peak
374.2	24.26	-21.74	46	37.98	15.44	2.09	31.25	-	-	Peak
624.1	28.18	-17.82	46	36.07	20.25	2.76	30.9	-	-	Peak
895	35.04	-10.96	46	39.28	23.13	3.33	30.7	-	-	Peak
5725	60.67	-17.02	77.69	51.58	35.01	9.92	35.84	100	0	Peak
5755	83.93	-	-	74.78	35.06	9.91	35.82	100	0	Average
5755	97.69	-	-	88.54	35.06	9.91	35.82	100	0	Peak
5850	50.89	-26.8	77.69	41.61	35.18	9.87	35.77	100	0	Peak
8244	55.75	-18.25	74	42.95	36	10.91	34.11	100	48	Peak
8244	41.24	-12.76	54	28.44	36	10.91	34.11	100	48	Average

Test Mode :	Mode 23	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.36	37.12	-2.88	40	59.01	8.96	0.68	31.53	100	44	Peak
133.41	28.7	-14.8	43.5	47.35	11.74	1.17	31.56	-	-	Peak
250.05	27.48	-18.52	46	44.59	12.77	1.53	31.41	-	-	Peak
500.2	25.56	-20.44	46	36	18.18	2.45	31.07	-	-	Peak
624.1	32.77	-13.23	46	40.66	20.25	2.76	30.9	-	-	Peak
897.8	31.37	-14.63	46	35.57	23.16	3.34	30.7	-	-	Peak
5725	75.37	-16.09	91.46	66.28	35.01	9.92	35.84	100	173	Peak
5755	111.46	-	-	102.31	35.06	9.91	35.82	100	173	Peak
5755	99.26	-	-	90.11	35.06	9.91	35.82	100	173	Average
5850	53.08	-38.38	91.46	43.8	35.18	9.87	35.77	100	173	Peak
8302	56.57	-17.43	74	43.74	36	10.93	34.1	101	228	Peak
8302	42.14	-11.86	54	29.31	36	10.93	34.1	101	228	Average
11510	42.09	-31.91	74	72.22	-9.71	13.14	33.56	100	0	Peak

Test Mode :	Mode 24	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	39.09	-0.91	40	60.98	8.96	0.68	31.53	110	6	Peak
128.01	24.23	-19.27	43.5	42.87	11.79	1.14	31.57	-	-	Peak
250.05	28.91	-17.09	46	46.02	12.77	1.53	31.41	-	-	Peak
374.2	27.16	-18.84	46	40.88	15.44	2.09	31.25	-	-	Peak
624.1	28.28	-17.72	46	36.17	20.25	2.76	30.9	-	-	Peak
931.4	34.91	-11.09	46	38.46	23.65	3.42	30.62	-	-	Peak
2385.81	47.18	-6.82	54	42.55	32.13	6.03	33.53	109	358	Average
2385.81	57.26	-16.74	74	52.63	32.13	6.03	33.53	109	358	Peak
2412	109.6	-	-	104.91	32.16	6.07	33.54	109	358	Average
2412	113.36	-	-	108.67	32.16	6.07	33.54	109	358	Peak
2484	55.59	-18.41	74	50.7	32.27	6.18	33.56	109	358	Peak
2484	43.72	-10.28	54	38.83	32.27	6.18	33.56	109	358	Average
8220	53.9	-20.1	74	41.11	36	10.9	34.11	100	189	Peak
8220	40.26	-13.74	54	27.47	36	10.9	34.11	100	189	Average

Test Mode :	Mode 24	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.31	-1.69	40	60.2	8.96	0.68	31.53	114	162	Peak
170.94	28.34	-15.16	43.5	49.03	9.6	1.23	31.52	-	-	Peak
250.05	27.15	-18.85	46	44.26	12.77	1.53	31.41	-	-	Peak
374.2	21.56	-24.44	46	35.28	15.44	2.09	31.25	-	-	Peak
624.1	31.03	-14.97	46	38.92	20.25	2.76	30.9	-	-	Peak
897.8	31.15	-14.85	46	35.35	23.16	3.34	30.7	-	-	Peak
2388.66	36.74	-17.26	54	32.11	32.13	6.03	33.53	100	250	Average
2388.66	48.72	-25.28	74	44.09	32.13	6.03	33.53	100	250	Peak
2412	96.73	-	-	92.04	32.16	6.07	33.54	100	250	Average
2412	100.16	-	-	95.47	32.16	6.07	33.54	100	250	Peak
2494	46.22	-27.78	74	41.31	32.3	6.18	33.57	100	250	Peak
2494	34	-20	54	29.09	32.3	6.18	33.57	100	250	Average
8178	54.76	-19.24	74	41.99	36	10.88	34.11	100	244	Peak
8178	40.44	-13.56	54	27.67	36	10.88	34.11	100	244	Average

Test Mode :	Mode 25	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.87	-1.13	40	60.76	8.96	0.68	31.53	115	310	Peak
128.82	25.56	-17.94	43.5	44.21	11.78	1.14	31.57	-	-	Peak
250.05	29.08	-16.92	46	46.19	12.77	1.53	31.41	-	-	Peak
374.2	25.6	-20.4	46	39.32	15.44	2.09	31.25	-	-	Peak
624.1	26.79	-19.21	46	34.68	20.25	2.76	30.9	-	-	Peak
962.9	35.05	-18.95	54	38.02	24.13	3.47	30.57	-	-	Peak
2374	54.63	-19.37	74	50.06	32.11	5.99	33.53	108	0	Peak
2374	41.46	-12.54	54	36.89	32.11	5.99	33.53	108	0	Average
2437	107.57	-	-	102.79	32.22	6.11	33.55	108	0	Average
2437	110.91	-	-	106.13	32.22	6.11	33.55	108	0	Peak
2484	55.32	-18.68	74	50.43	32.27	6.18	33.56	108	0	Peak
2484	43.55	-10.45	54	38.66	32.27	6.18	33.56	108	0	Average
8211	54.22	-19.78	74	41.44	36	10.89	34.11	101	211	Peak
8211	40.29	-13.71	54	27.51	36	10.89	34.11	101	211	Average

Test Mode :	Mode 25	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.75	-1.25	40	60.64	8.96	0.68	31.53	100	150	Peak
169.86	28.75	-14.75	43.5	49.37	9.67	1.23	31.52	-	-	Peak
250.05	26.71	-19.29	46	43.82	12.77	1.53	31.41	-	-	Peak
500.2	26.22	-19.78	46	36.66	18.18	2.45	31.07	-	-	Peak
624.1	31.01	-14.99	46	38.9	20.25	2.76	30.9	-	-	Peak
875.4	32.37	-13.63	46	36.82	22.95	3.31	30.71	-	-	Peak
2356	48.09	-25.91	74	43.58	32.08	5.95	33.52	100	221	Peak
2356	34.58	-19.42	54	30.07	32.08	5.95	33.52	100	221	Average
2437	97.2	-	-	92.42	32.22	6.11	33.55	100	221	Average
2437	100.93	-	-	96.15	32.22	6.11	33.55	100	221	Peak
2494	46.5	-27.5	74	41.59	32.3	6.18	33.57	100	221	Peak
2494	34.82	-19.18	54	29.91	32.3	6.18	33.57	100	221	Average
8190	54.35	-19.65	74	41.57	36	10.89	34.11	105	222	Peak
8190	40.52	-13.48	54	27.74	36	10.89	34.11	105	222	Average

Test Mode :	Mode 26	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.49	-1.51	40	60.38	8.96	0.68	31.53	100	13	Peak
129.09	23.82	-19.68	43.5	42.47	11.78	1.14	31.57	-	-	Peak
250.05	28.85	-17.15	46	45.96	12.77	1.53	31.41	-	-	Peak
374.2	26.04	-19.96	46	39.76	15.44	2.09	31.25	-	-	Peak
624.1	28.43	-17.57	46	36.32	20.25	2.76	30.9	-	-	Peak
960.1	34.6	-19.4	54	37.61	24.09	3.47	30.57	-	-	Peak
2390	53.7	-20.3	74	49.07	32.13	6.03	33.53	108	10	Peak
2390	40.88	-13.12	54	36.25	32.13	6.03	33.53	108	10	Average
2462	112.01	-	-	107.19	32.24	6.14	33.56	108	10	Peak
2462	108.65	-	-	103.83	32.24	6.14	33.56	108	10	Average
2484.42	46.45	-7.55	54	41.56	32.27	6.18	33.56	108	10	Average
2484.42	56.99	-17.01	74	52.1	32.27	6.18	33.56	108	10	Peak
8214	54.49	-19.51	74	41.7	36	10.9	34.11	102	226	Peak
8214	40.38	-13.62	54	27.59	36	10.9	34.11	102	226	Average

Test Mode :	Mode 26	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.04	-0.96	40	60.93	8.96	0.68	31.53	100	6	Peak
137.46	28.35	-15.15	43.5	47	11.71	1.19	31.55	-	-	Peak
250.05	26.86	-19.14	46	43.97	12.77	1.53	31.41	-	-	Peak
500.2	25.55	-20.45	46	35.99	18.18	2.45	31.07	-	-	Peak
624.1	31.07	-14.93	46	38.96	20.25	2.76	30.9	-	-	Peak
898.5	30.95	-15.05	46	35.15	23.16	3.34	30.7	-	-	Peak
2390	46.95	-27.05	74	42.32	32.13	6.03	33.53	100	235	Peak
2390	34.69	-19.31	54	30.06	32.13	6.03	33.53	100	235	Average
2462	98.27	-	-	93.45	32.24	6.14	33.56	100	235	Peak
2462	94.75	-	-	89.93	32.24	6.14	33.56	100	235	Average
2498	36.6	-17.4	54	31.69	32.3	6.18	33.57	100	235	Average
2498	47.59	-26.41	74	42.68	32.3	6.18	33.57	100	235	Peak
8211	54.49	-19.51	74	41.71	36	10.89	34.11	100	141	Peak
8211	40.01	-13.99	54	27.23	36	10.89	34.11	100	141	Average

Test Mode :	Mode 27	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.8	-1.2	40	60.69	8.96	0.68	31.53	100	103	Peak
128.82	27.6	-15.9	43.5	46.25	11.78	1.14	31.57	-	-	Peak
250.05	28.96	-17.04	46	46.07	12.77	1.53	31.41	-	-	Peak
374.2	28.07	-17.93	46	41.79	15.44	2.09	31.25	-	-	Peak
624.1	27.42	-18.58	46	35.31	20.25	2.76	30.9	-	-	Peak
957.3	34.86	-11.14	46	37.92	24.04	3.47	30.57	-	-	Peak
2390	52.02	-1.98	54	47.39	32.13	6.03	33.53	110	0	Average
2390	72.06	-1.94	74	67.43	32.13	6.03	33.53	110	0	Peak
2412	100.48	-	-	95.79	32.16	6.07	33.54	110	0	Average
2412	113.16	-	-	108.45	32.19	6.07	33.55	110	0	Peak
2484	58.27	-15.73	74	53.38	32.27	6.18	33.56	110	0	Peak
2484	45	-9	54	40.11	32.27	6.18	33.56	110	0	Average
8214	54.77	-19.23	74	41.98	36	10.9	34.11	100	166	Peak
8214	40.63	-13.37	54	27.84	36	10.9	34.11	100	166	Average

Test Mode :	Mode 27	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.21	-1.79	40	60.1	8.96	0.68	31.53	100	77	Peak
170.13	28.93	-14.57	43.5	49.55	9.67	1.23	31.52	-	-	Peak
250.05	26.95	-19.05	46	44.06	12.77	1.53	31.41	-	-	Peak
500.2	25.4	-20.6	46	35.84	18.18	2.45	31.07	-	-	Peak
624.1	30.19	-15.81	46	38.08	20.25	2.76	30.9	-	-	Peak
962.9	33.12	-20.88	54	36.09	24.13	3.47	30.57	-	-	Peak
2390	37.78	-16.22	54	33.15	32.13	6.03	33.53	100	294	Average
2390	53.32	-20.68	74	48.69	32.13	6.03	33.53	100	294	Peak
2412	86.02	-	-	81.33	32.16	6.07	33.54	100	294	Average
2412	98.78	-	-	94.09	32.16	6.07	33.54	100	294	Peak
2484	48.72	-25.28	74	43.83	32.27	6.18	33.56	100	294	Peak
2484	35.64	-18.36	54	30.75	32.27	6.18	33.56	100	294	Average
8214	54.62	-19.38	74	41.83	36	10.9	34.11	100	187	Peak
8214	40.18	-13.82	54	27.39	36	10.9	34.11	100	187	Average

Test Mode :	Mode 28	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.5	-1.5	40	60.39	8.96	0.68	31.53	132	163	Peak
129.09	27.77	-15.73	43.5	46.42	11.78	1.14	31.57	-	-	Peak
250.05	28.63	-17.37	46	45.74	12.77	1.53	31.41	-	-	Peak
374.2	27.7	-18.3	46	41.42	15.44	2.09	31.25	-	-	Peak
624.1	27.76	-18.24	46	35.65	20.25	2.76	30.9	-	-	Peak
960.1	34.76	-19.24	54	37.77	24.09	3.47	30.57	-	-	Peak
2380	47.07	-6.93	54	42.46	32.11	6.03	33.53	106	2	Average
2380	60.3	-13.7	74	55.69	32.11	6.03	33.53	106	2	Peak
2437	115.06	-	-	110.31	32.19	6.11	33.55	106	2	Peak
2437	102.53	-	-	97.75	32.22	6.11	33.55	106	2	Average
2492	63.31	-10.69	74	58.4	32.3	6.18	33.57	106	2	Peak
2492	50.06	-3.94	54	45.15	32.3	6.18	33.57	106	2	Average
8193	54.97	-19.03	74	42.19	36	10.89	34.11	100	199	Peak
8193	41.67	-12.33	54	28.89	36	10.89	34.11	100	199	Average

Test Mode :	Mode 28	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	39.06	-0.94	40	60.95	8.96	0.68	31.53	109	226	Peak
169.86	28.9	-14.6	43.5	49.52	9.67	1.23	31.52	-	-	Peak
250.05	27.59	-18.41	46	44.7	12.77	1.53	31.41	-	-	Peak
374.2	23.75	-22.25	46	37.47	15.44	2.09	31.25	-	-	Peak
624.1	30.94	-15.06	46	38.83	20.25	2.76	30.9	-	-	Peak
953.8	34.25	-11.75	46	37.37	23.99	3.46	30.57	-	-	Peak
2390	49.38	-24.62	74	44.75	32.13	6.03	33.53	100	222	Peak
2390	37.18	-16.82	54	32.55	32.13	6.03	33.53	100	222	Average
2437	100.15	-	-	95.37	32.22	6.11	33.55	100	222	Peak
2437	88.45	-	-	83.67	32.22	6.11	33.55	100	222	Average
2484	47.99	-26.01	74	43.1	32.27	6.18	33.56	100	222	Peak
2484	35.8	-18.2	54	30.91	32.27	6.18	33.56	100	222	Average
8205	54.99	-19.01	74	42.21	36	10.89	34.11	100	15	Peak
8205	40.63	-13.37	54	27.85	36	10.89	34.11	100	15	Average

Test Mode :	Mode 29	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.14	-1.86	40	60.03	8.96	0.68	31.53	105	249	Peak
127.74	27.67	-15.83	43.5	46.31	11.79	1.14	31.57	-	-	Peak
250.05	28.88	-17.12	46	45.99	12.77	1.53	31.41	-	-	Peak
374.2	28.34	-17.66	46	42.06	15.44	2.09	31.25	-	-	Peak
624.1	27.9	-18.1	46	35.79	20.25	2.76	30.9	-	-	Peak
895.7	35.61	-10.39	46	39.85	23.13	3.33	30.7	-	-	Peak
2390	57.86	-16.14	74	53.23	32.13	6.03	33.53	108	8	Peak
2390	42.75	-11.25	54	38.12	32.13	6.03	33.53	108	8	Average
2462	112.39	-	-	107.57	32.24	6.14	33.56	108	8	Peak
2462	100.29	-	-	95.47	32.24	6.14	33.56	108	8	Average
2483.5	52.05	-1.95	54	47.16	32.27	6.18	33.56	108	8	Average
2483.5	72.29	-1.71	74	67.4	32.27	6.18	33.56	108	8	Peak
8214	55.14	-18.86	74	42.35	36	10.9	34.11	100	354	Peak
8214	41.94	-12.06	54	29.15	36	10.9	34.11	100	354	Average

Test Mode :	Mode 29	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38	-2	40	59.89	8.96	0.68	31.53	104	309	Peak
133.41	28.71	-14.79	43.5	47.36	11.74	1.17	31.56	-	-	Peak
250.05	27.2	-18.8	46	44.31	12.77	1.53	31.41	-	-	Peak
500.2	25.69	-20.31	46	36.13	18.18	2.45	31.07	-	-	Peak
624.1	31.2	-14.8	46	39.09	20.25	2.76	30.9	-	-	Peak
965	34.26	-19.74	54	37.19	24.16	3.48	30.57	-	-	Peak
2390	46.92	-27.08	74	42.29	32.13	6.03	33.53	100	235	Peak
2390	34.84	-19.16	54	30.21	32.13	6.03	33.53	100	235	Average
2462	86.27	-	-	81.45	32.24	6.14	33.56	100	235	Average
2462	97.6	-	-	92.78	32.24	6.14	33.56	100	235	Peak
2483.5	38.67	-15.33	54	33.78	32.27	6.18	33.56	100	235	Average
2483.5	54.86	-19.14	74	49.97	32.27	6.18	33.56	100	235	Peak
8202	55.25	-18.75	74	42.47	36	10.89	34.11	100	8	Peak
8202	41.13	-12.87	54	28.35	36	10.89	34.11	100	8	Average

Test Mode :	Mode 30	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.48	-1.52	40	60.37	8.96	0.68	31.53	102	255	Peak
128.82	27.78	-15.72	43.5	46.43	11.78	1.14	31.57	-	-	Peak
250.05	29.42	-16.58	46	46.53	12.77	1.53	31.41	-	-	Peak
374.2	28.28	-17.72	46	42	15.44	2.09	31.25	-	-	Peak
624.1	28.4	-17.6	46	36.29	20.25	2.76	30.9	-	-	Peak
960.1	36.39	-17.61	54	39.4	24.09	3.47	30.57	-	-	Peak
2390	52.47	-1.53	54	47.84	32.13	6.03	33.53	110	0	Average
2390	72.14	-1.86	74	67.51	32.13	6.03	33.53	110	0	Peak
2412	102.91	-	-	98.22	32.16	6.07	33.54	110	0	Average
2412	114.01	-	-	109.32	32.16	6.07	33.54	110	0	Peak
2484	60.14	-13.86	74	55.25	32.27	6.18	33.56	110	0	Peak
2484	47.88	-6.12	54	42.99	32.27	6.18	33.56	110	0	Average
8205	54.72	-19.28	74	41.94	36	10.89	34.11	101	44	Peak
8205	40.23	-13.77	54	27.45	36	10.89	34.11	101	44	Average

Test Mode :	Mode 30	Temperature :	24~25°C
Test Channel :	01	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2412 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.06	-0.94	40	60.95	8.96	0.68	31.53	119	225	Peak
139.62	28.18	-15.32	43.5	46.83	11.7	1.2	31.55	-	-	Peak
250.05	27.22	-18.78	46	44.33	12.77	1.53	31.41	-	-	Peak
374.2	24.06	-21.94	46	37.78	15.44	2.09	31.25	-	-	Peak
624.1	30.13	-15.87	46	38.02	20.25	2.76	30.9	-	-	Peak
965	35.17	-18.83	54	38.1	24.16	3.48	30.57	-	-	Peak
2390	39.59	-14.41	54	34.96	32.13	6.03	33.53	103	26	Average
2390	57.37	-16.63	74	52.74	32.13	6.03	33.53	103	26	Peak
2412	89.51	-	-	84.82	32.16	6.07	33.54	103	26	Average
2412	101.59	-	-	96.9	32.16	6.07	33.54	103	26	Peak
2486	47.55	-26.45	74	42.66	32.27	6.18	33.56	103	26	Peak
2486	35.48	-18.52	54	30.59	32.27	6.18	33.56	103	26	Average
8211	54.12	-19.88	74	41.34	36	10.89	34.11	100	78	Peak
8211	40.7	-13.3	54	27.92	36	10.89	34.11	100	78	Average

Test Mode :	Mode 31	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.76	-1.24	40	60.65	8.96	0.68	31.53	133	221	Peak
129.09	27.82	-15.68	43.5	46.47	11.78	1.14	31.57	-	-	Peak
250.05	29.52	-16.48	46	46.63	12.77	1.53	31.41	-	-	Peak
374.2	28.65	-17.35	46	42.37	15.44	2.09	31.25	-	-	Peak
624.1	30.03	-15.97	46	37.92	20.25	2.76	30.9	-	-	Peak
960.1	35.06	-18.94	54	38.07	24.09	3.47	30.57	-	-	Peak
2356	60.86	-13.14	74	56.35	32.08	5.95	33.52	116	360	Peak
2356	48.51	-5.49	54	44	32.08	5.95	33.52	116	360	Average
2437	115.79	-	-	111.04	32.19	6.11	33.55	116	360	Peak
2437	103.58	-	-	98.8	32.22	6.11	33.55	116	360	Average
2486	59.07	-14.93	74	54.18	32.27	6.18	33.56	116	360	Peak
2486	47.05	-6.95	54	42.16	32.27	6.18	33.56	116	360	Average
8178	53.98	-20.02	74	41.21	36	10.88	34.11	100	155	Peak
8178	40.2	-13.8	54	27.43	36	10.88	34.11	100	155	Average

Test Mode :	Mode 31	Temperature :	24~25°C
Test Channel :	06	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2437 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.86	-1.14	40	60.75	8.96	0.68	31.53	100	142	Peak
133.41	28.65	-14.85	43.5	47.3	11.74	1.17	31.56	-	-	Peak
250.05	26.93	-19.07	46	44.04	12.77	1.53	31.41	-	-	Peak
500.2	26.43	-19.57	46	36.87	18.18	2.45	31.07	-	-	Peak
624.1	30.93	-15.07	46	38.82	20.25	2.76	30.9	-	-	Peak
931.4	34.34	-11.66	46	37.89	23.65	3.42	30.62	-	-	Peak
2390	49.63	-24.37	74	45	32.13	6.03	33.53	100	30	Peak
2390	36.77	-17.23	54	32.14	32.13	6.03	33.53	100	30	Average
2437	89.34	-	-	84.56	32.22	6.11	33.55	100	30	Average
2437	101.88	-	-	97.1	32.22	6.11	33.55	100	30	Peak
2500	49.45	-24.55	74	44.54	32.3	6.18	33.57	100	30	Peak
2500	37.45	-16.55	54	32.54	32.3	6.18	33.57	100	30	Average
8214	54.08	-19.92	74	41.29	36	10.9	34.11	100	159	Peak
8214	40.29	-13.71	54	27.5	36	10.9	34.11	100	159	Average

Test Mode :	Mode 32	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.03	-0.97	40	60.92	8.96	0.68	31.53	112	267	Peak
128.01	27.9	-15.6	43.5	46.54	11.79	1.14	31.57	-	-	Peak
250.05	29.17	-16.83	46	46.28	12.77	1.53	31.41	-	-	Peak
374.2	28.96	-17.04	46	42.68	15.44	2.09	31.25	-	-	Peak
624.1	28.06	-17.94	46	35.95	20.25	2.76	30.9	-	-	Peak
965.7	34.81	-19.19	54	37.72	24.18	3.48	30.57	-	-	Peak
2390	57.62	-16.38	74	52.99	32.13	6.03	33.53	128	360	Peak
2390	45.88	-8.12	54	41.25	32.13	6.03	33.53	128	360	Average
2462	100.8	-	-	95.98	32.24	6.14	33.56	128	360	Average
2462	112.73	-	-	107.91	32.24	6.14	33.56	128	360	Peak
2483.5	51.26	-2.74	54	46.37	32.27	6.18	33.56	128	360	Average
2483.5	72.02	-1.98	74	67.13	32.27	6.18	33.56	128	360	Peak
8223	54.16	-19.84	74	41.37	36	10.9	34.11	101	114	Peak
8223	40.25	-13.75	54	27.46	36	10.9	34.11	101	114	Average

Test Mode :	Mode 32	Temperature :	24~25°C
Test Channel :	11	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2462 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.03	-0.97	40	60.92	8.96	0.68	31.53	100	175	Peak
169.05	28.94	-14.56	43.5	49.49	9.74	1.23	31.52	-	-	Peak
250.05	27.48	-18.52	46	44.59	12.77	1.53	31.41	-	-	Peak
500.2	25.93	-20.07	46	36.37	18.18	2.45	31.07	-	-	Peak
624.1	31.02	-14.98	46	38.91	20.25	2.76	30.9	-	-	Peak
953.8	34.58	-11.42	46	37.7	23.99	3.46	30.57	-	-	Peak
2358	46.56	-27.44	74	42.01	32.08	5.99	33.52	100	221	Peak
2358	34.99	-19.01	54	30.44	32.08	5.99	33.52	100	221	Average
2462	97.95	-	-	93.13	32.24	6.14	33.56	100	221	Peak
2462	86.4	-	-	81.58	32.24	6.14	33.56	100	221	Average
2483.5	36.55	-17.45	54	31.66	32.27	6.18	33.56	100	221	Average
2483.5	50.11	-23.89	74	45.22	32.27	6.18	33.56	100	221	Peak
8217	54.33	-19.67	74	41.54	36	10.9	34.11	100	36	Peak
8217	41.11	-12.89	54	28.32	36	10.9	34.11	100	36	Average

Test Mode :	Mode 33	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2422 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.19	-0.81	40	61.08	8.96	0.68	31.53	100	211	Peak
128.82	27.76	-15.74	43.5	46.41	11.78	1.14	31.57	-	-	Peak
250.05	28.87	-17.13	46	45.98	12.77	1.53	31.41	-	-	Peak
374.2	28.56	-17.44	46	42.28	15.44	2.09	31.25	-	-	Peak
624.1	28.27	-17.73	46	36.16	20.25	2.76	30.9	-	-	Peak
965	34.47	-19.53	54	37.4	24.16	3.48	30.57	-	-	Peak
2390	51.55	-2.45	54	46.92	32.13	6.03	33.53	115	360	Average
2390	72.46	-1.54	74	67.83	32.13	6.03	33.53	115	360	Peak
2422	96.03	-	-	91.32	32.19	6.07	33.55	115	360	Average
2422	108.82	-	-	104.11	32.19	6.07	33.55	115	360	Peak
2486	58.69	-15.31	74	53.8	32.27	6.18	33.56	115	360	Peak
2486	46.66	-7.34	54	41.77	32.27	6.18	33.56	115	360	Average
8238	54.54	-19.46	74	41.74	36	10.91	34.11	100	179	Peak
8238	40.1	-13.9	54	27.3	36	10.91	34.11	100	179	Average

Test Mode :	Mode 33	Temperature :	24~25°C
Test Channel :	03	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2422 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.58	-1.42	40	60.47	8.96	0.68	31.53	128	105	Peak
170.13	28.35	-15.15	43.5	48.97	9.67	1.23	31.52	-	-	Peak
250.05	26.83	-19.17	46	43.94	12.77	1.53	31.41	-	-	Peak
500.2	26.9	-19.1	46	37.34	18.18	2.45	31.07	-	-	Peak
624.1	31.21	-14.79	46	39.1	20.25	2.76	30.9	-	-	Peak
959.4	33.86	-12.14	46	36.89	24.07	3.47	30.57	-	-	Peak
2390	39.36	-14.64	54	34.73	32.13	6.03	33.53	103	28	Average
2390	57.98	-16.02	74	53.35	32.13	6.03	33.53	103	28	Peak
2422	82	-	-	77.29	32.19	6.07	33.55	103	28	Average
2422	94.78	-	-	90.03	32.19	6.11	33.55	103	28	Peak
2484	46.79	-27.21	74	41.9	32.27	6.18	33.56	103	28	Peak
2484	35.33	-18.67	54	30.44	32.27	6.18	33.56	103	28	Average
8223	54.52	-19.48	74	41.73	36	10.9	34.11	100	227	Peak
8223	40.11	-13.89	54	27.32	36	10.9	34.11	100	227	Average

Test Mode :	Mode 34	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2452 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	39.39	-0.61	40	61.28	8.96	0.68	31.53	106	116	Peak
129.09	28.03	-15.47	43.5	46.68	11.78	1.14	31.57	-	-	Peak
250.05	28.85	-17.15	46	45.96	12.77	1.53	31.41	-	-	Peak
374.2	29.24	-16.76	46	42.96	15.44	2.09	31.25	-	-	Peak
624.1	28.12	-17.88	46	36.01	20.25	2.76	30.9	-	-	Peak
960.1	35.08	-18.92	54	38.09	24.09	3.47	30.57	-	-	Peak
2382	58.87	-15.13	74	54.26	32.11	6.03	33.53	130	0	Peak
2382	47.74	-6.26	54	43.13	32.11	6.03	33.53	130	0	Average
2452	109.2	-	-	104.38	32.24	6.14	33.56	130	0	Peak
2452	96.22	-	-	91.44	32.22	6.11	33.55	130	0	Average
2483.5	52.79	-1.21	54	47.9	32.27	6.18	33.56	130	0	Average
2483.5	69.6	-4.4	74	64.71	32.27	6.18	33.56	130	0	Peak
8214	54.34	-19.66	74	41.55	36	10.9	34.11	100	145	Peak
8214	40.11	-13.89	54	27.32	36	10.9	34.11	100	145	Average

Test Mode :	Mode 34	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2452 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.93	-1.07	40	60.82	8.96	0.68	31.53	101	159	Peak
138.54	28.41	-15.09	43.5	47.05	11.71	1.2	31.55	-	-	Peak
250.05	27	-19	46	44.11	12.77	1.53	31.41	-	-	Peak
500.2	25.71	-20.29	46	36.15	18.18	2.45	31.07	-	-	Peak
624.1	30.81	-15.19	46	38.7	20.25	2.76	30.9	-	-	Peak
959.4	33.76	-12.24	46	36.79	24.07	3.47	30.57	-	-	Peak
2390	49.5	-24.5	74	44.87	32.13	6.03	33.53	100	27	Peak
2390	37.63	-16.37	54	33	32.13	6.03	33.53	100	27	Average
2452	96.4	-	-	91.58	32.24	6.14	33.56	100	27	Peak
2452	82.89	-	-	78.11	32.22	6.11	33.55	100	27	Average
2483.5	38.49	-15.51	54	33.6	32.27	6.18	33.56	100	27	Average
2483.5	56.55	-17.45	74	51.66	32.27	6.18	33.56	100	27	Peak
8163	53.81	-20.19	74	41.05	36	10.87	34.11	100	174	Peak
8163	40.3	-13.7	54	27.54	36	10.87	34.11	100	174	Average

Test Mode :	Mode 35	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2452 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.75	-1.25	40	60.64	8.96	0.68	31.53	141	129	Peak
129.9	23.92	-19.58	43.5	42.57	11.77	1.15	31.57	-	-	Peak
250.05	29	-17	46	46.11	12.77	1.53	31.41	-	-	Peak
374.2	29.32	-16.68	46	43.04	15.44	2.09	31.25	-	-	Peak
624.1	27.58	-18.42	46	35.47	20.25	2.76	30.9	-	-	Peak
897.8	34.79	-11.21	46	38.99	23.16	3.34	30.7	-	-	Peak
2390	59.46	-14.54	74	54.83	32.13	6.03	33.53	140	360	Peak
2390	47.61	-6.39	54	42.98	32.13	6.03	33.53	140	360	Average
2452	111.1	-	-	106.32	32.22	6.11	33.55	140	360	Peak
2452	97.84	-	-	93.06	32.22	6.11	33.55	140	360	Average
2483.5	72.93	-1.07	74	68.04	32.27	6.18	33.56	140	360	Peak
2483.5	53.27	-0.73	54	48.38	32.27	6.18	33.56	140	360	Average
8136	54.19	-19.81	74	41.45	36	10.86	34.12	100	179	Peak
8136	39.93	-14.07	54	27.19	36	10.86	34.12	100	179	Average

Test Mode :	Mode 35	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2452 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.52	-1.48	40	60.41	8.96	0.68	31.53	108	88	Peak
170.13	29.21	-14.29	43.5	49.83	9.67	1.23	31.52	-	-	Peak
250.05	26.97	-19.03	46	44.08	12.77	1.53	31.41	-	-	Peak
500.2	26.15	-19.85	46	36.59	18.18	2.45	31.07	-	-	Peak
624.1	31.57	-14.43	46	39.46	20.25	2.76	30.9	-	-	Peak
965.7	31.48	-22.52	54	34.39	24.18	3.48	30.57	-	-	Peak
2390	47.72	-26.28	74	43.09	32.13	6.03	33.53	100	93	Peak
2390	34.48	-19.52	54	29.85	32.13	6.03	33.53	100	93	Average
2452	96.53	-	-	91.71	32.24	6.14	33.56	100	93	Peak
2452	83.66	-	-	78.88	32.22	6.11	33.55	100	93	Average
2483.5	35.85	-18.15	54	30.96	32.27	6.18	33.56	100	93	Average
2483.5	51	-23	74	46.11	32.27	6.18	33.56	100	93	Peak
8190	54.37	-19.63	74	41.59	36	10.89	34.11	100	181	Peak
8190	39.87	-14.13	54	27.09	36	10.89	34.11	100	181	Average

Test Mode :	Mode 36	**Temperature :**	24~25°C
Test Channel :	149	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5745 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.08	-0.92	40	60.97	8.96	0.68	31.53	115	360	Peak
129.09	24.97	-18.53	43.5	43.62	11.78	1.14	31.57	-	-	Peak
250.05	28.7	-17.3	46	45.81	12.77	1.53	31.41	-	-	Peak
374.2	29.08	-16.92	46	42.8	15.44	2.09	31.25	-	-	Peak
624.1	27.84	-18.16	46	35.73	20.25	2.76	30.9	-	-	Peak
960.1	36.01	-17.99	54	39.02	24.09	3.47	30.57	-	-	Peak
5725	54.87	-21.37	76.24	45.78	35.01	9.92	35.84	100	315	Peak
5745	96.24	-	-	87.12	35.04	9.91	35.83	100	315	Peak
5745	83.74	-	-	74.62	35.04	9.91	35.83	100	315	Average
5850	49.01	-27.23	76.24	39.73	35.18	9.87	35.77	100	315	Peak
8308	56.65	-17.35	74	43.82	36	10.93	34.1	100	117	Peak
8308	41.97	-12.03	54	29.14	36	10.93	34.1	100	117	Average

Test Mode :	Mode 36	**Temperature :**	24~25°C
Test Channel :	149	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5745 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.23	-0.77	40	61.12	8.96	0.68	31.53	100	120	Peak
170.13	28.62	-14.88	43.5	49.24	9.67	1.23	31.52	-	-	Peak
250.05	27.45	-18.55	46	44.56	12.77	1.53	31.41	-	-	Peak
500.2	26.02	-19.98	46	36.46	18.18	2.45	31.07	-	-	Peak
624.1	31.29	-14.71	46	39.18	20.25	2.76	30.9	-	-	Peak
875.4	31.15	-14.85	46	35.6	22.95	3.31	30.71	-	-	Peak
5725	68.46	-22.65	91.11	59.37	35.01	9.92	35.84	100	26	Peak
5745	111.11	-	-	101.99	35.04	9.91	35.83	100	26	Peak
5745	98.38	-	-	89.26	35.04	9.91	35.83	100	26	Average
5850	50.04	-41.07	91.11	40.76	35.18	9.87	35.77	100	26	Peak
8444	56.51	-17.49	74	43.62	36	10.98	34.09	100	201	Peak
8444	42.76	-11.24	54	29.87	36	10.98	34.09	100	201	Average
11490	38.79	-35.21	74	68.91	-9.7	13.14	33.56	100	336	Peak
11490	26.11	-27.89	54	56.23	-9.7	13.14	33.56	100	336	Average

Test Mode :	Mode 37	**Temperature :**	24~25°C
Test Channel :	157	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5785 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.52	-1.48	40	60.41	8.96	0.68	31.53	100	293	Peak
128.01	24.4	-19.1	43.5	43.04	11.79	1.14	31.57	-	-	Peak
250.05	28.49	-17.51	46	45.6	12.77	1.53	31.41	-	-	Peak
374.2	29.35	-16.65	46	43.07	15.44	2.09	31.25	-	-	Peak
624.1	27.37	-18.63	46	35.26	20.25	2.76	30.9	-	-	Peak
960.1	36.65	-17.35	54	39.66	24.09	3.47	30.57	-	-	Peak
5725	49.43	-25.26	74.69	40.34	35.01	9.92	35.84	100	316	Peak
5785	94.69	-	-	85.49	35.11	9.89	35.8	100	316	Peak
5785	82.59	-	-	73.41	35.09	9.9	35.81	100	316	Average
5850	49.36	-25.33	74.69	40.08	35.18	9.87	35.77	100	316	Peak
8278	55.83	-18.17	74	43.01	36	10.92	34.1	105	162	Peak
8278	41.7	-12.3	54	28.88	36	10.92	34.1	105	162	Average

Test Mode :	Mode 37	Temperature :	24~25°C
Test Channel :	157	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5785 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.82	-1.18	40	60.71	8.96	0.68	31.53	100	182	Peak
170.13	29.03	-14.47	43.5	49.65	9.67	1.23	31.52	-	-	Peak
250.05	27.27	-18.73	46	44.38	12.77	1.53	31.41	-	-	Peak
500.2	25.57	-20.43	46	36.01	18.18	2.45	31.07	-	-	Peak
624.1	31.78	-14.22	46	39.67	20.25	2.76	30.9	-	-	Peak
967.8	31.07	-22.93	54	33.95	24.21	3.48	30.57	-	-	Peak
5725	52.39	-39.07	91.46	43.3	35.01	9.92	35.84	100	31	Peak
5785	111.46	-	-	102.28	35.09	9.9	35.81	100	31	Peak
5785	98.17	-	-	88.99	35.09	9.9	35.81	100	31	Average
5850	50.69	-40.77	91.46	41.41	35.18	9.87	35.77	100	31	Peak
8334	56.71	-17.29	74	43.86	36	10.95	34.1	101	77	Peak
8334	42.21	-11.79	54	29.36	36	10.95	34.1	101	77	Average
11570	37.48	-36.52	74	67.72	-9.8	13.17	33.61	100	328	Peak
11570	24.78	-29.22	54	55.02	-9.8	13.17	33.61	100	328	Average

Test Mode :	Mode 38	Temperature :	24~25°C
Test Channel :	165	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5825 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.67	-1.33	40	60.56	8.96	0.68	31.53	100	144	Peak
128.82	24.29	-19.21	43.5	42.94	11.78	1.14	31.57	-	-	Peak
250.05	29.15	-16.85	46	46.26	12.77	1.53	31.41	-	-	Peak
374.2	28.98	-17.02	46	42.7	15.44	2.09	31.25	-	-	Peak
624.1	27.45	-18.55	46	35.34	20.25	2.76	30.9	-	-	Peak
948.2	34.5	-11.5	46	37.7	23.91	3.46	30.57	-	-	Peak
5725	50.23	-22.29	72.52	41.14	35.01	9.92	35.84	104	40	Peak
5825	92.52	-	-	83.26	35.16	9.88	35.78	104	40	Peak
5825	81.04	-	-	71.78	35.16	9.88	35.78	104	40	Average
5850	49.14	-23.38	72.52	39.86	35.18	9.87	35.77	104	40	Peak
8460	56	-18	74	43.09	36	10.99	34.08	100	128	Peak
8460	41.13	-12.87	54	28.22	36	10.99	34.08	100	128	Average

Test Mode :	Mode 38	**Temperature :**	24~25°C
Test Channel :	165	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5825 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.92	-1.08	40	60.81	8.96	0.68	31.53	126	341	Peak
170.94	28.47	-15.03	43.5	49.16	9.6	1.23	31.52	-	-	Peak
250.05	27.59	-18.41	46	44.7	12.77	1.53	31.41	-	-	Peak
500.2	26.22	-19.78	46	36.66	18.18	2.45	31.07	-	-	Peak
624.1	30.76	-15.24	46	38.65	20.25	2.76	30.9	-	-	Peak
965	31.75	-22.25	54	34.68	24.16	3.48	30.57	-	-	Peak
5725	53.42	-38	91.42	44.33	35.01	9.92	35.84	110	32	Peak
5825	111.42	-	-	102.16	35.16	9.88	35.78	110	32	Peak
5825	98.79	-	-	89.53	35.16	9.88	35.78	110	32	Average
5850	61.77	-29.65	91.42	52.49	35.18	9.87	35.77	110	32	Peak
8414	55.87	-18.13	74	42.99	36	10.97	34.09	100	251	Peak
8414	42.4	-11.6	54	29.52	36	10.97	34.09	100	251	Average
11650	42.22	-31.78	74	72.56	-9.91	13.22	33.65	100	338	Peak
11650	27.65	-26.35	54	57.99	-9.91	13.22	33.65	100	338	Average

Test Mode :	Mode 39	**Temperature :**	24~25°C
Test Channel :	149	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5745 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.54	-1.46	40	60.43	8.96	0.68	31.53	107	77	Peak
165.54	24.85	-18.65	43.5	45.18	9.96	1.23	31.52	-	-	Peak
250.05	29.13	-16.87	46	46.24	12.77	1.53	31.41	-	-	Peak
374.2	29.5	-16.5	46	43.22	15.44	2.09	31.25	-	-	Peak
624.1	28.41	-17.59	46	36.3	20.25	2.76	30.9	-	-	Peak
931.4	34.95	-11.05	46	38.5	23.65	3.42	30.62	-	-	Peak
5725	54.54	-19.83	74.37	45.45	35.01	9.92	35.84	103	322	Peak
5745	94.37	-	-	85.25	35.04	9.91	35.83	103	322	Peak
5745	82.52	-	-	73.4	35.04	9.91	35.83	103	322	Average
5850	49.63	-24.74	74.37	40.35	35.18	9.87	35.77	103	322	Peak
8382	55.86	-18.14	74	42.99	36	10.96	34.09	100	233	Peak
8382	41.31	-12.69	54	28.44	36	10.96	34.09	100	233	Average

Test Mode :	Mode 39	Temperature :	24~25°C
Test Channel :	149	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5745 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	39.03	-0.97	40	60.92	8.96	0.68	31.53	118	264	Peak
169.86	29.09	-14.41	43.5	49.71	9.67	1.23	31.52	-	-	Peak
250.05	27.32	-18.68	46	44.43	12.77	1.53	31.41	-	-	Peak
500.2	25.62	-20.38	46	36.06	18.18	2.45	31.07	-	-	Peak
624.1	31.76	-14.24	46	39.65	20.25	2.76	30.9	-	-	Peak
895.7	31.3	-14.7	46	35.54	23.13	3.33	30.7	-	-	Peak
5725	67.12	-24.96	92.08	58.03	35.01	9.92	35.84	100	28	Peak
5745	112.08	-	-	102.96	35.04	9.91	35.83	100	28	Peak
5745	98.77	-	-	89.65	35.04	9.91	35.83	100	28	Average
5850	49.41	-42.67	92.08	40.13	35.18	9.87	35.77	100	28	Peak
8292	55.78	-18.22	74	42.95	36	10.93	34.1	100	302	Peak
8292	42.02	-11.98	54	29.19	36	10.93	34.1	100	302	Average
11490	40.17	-33.83	74	70.29	-9.7	13.14	33.56	100	341	Peak
11490	25.43	-28.57	54	55.55	-9.7	13.14	33.56	100	341	Average

Test Mode :	Mode 40	**Temperature :**	24~25°C
Test Channel :	157	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5785 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	38.41	-1.59	40	60.3	8.96	0.68	31.53	120	175	Peak
128.01	24.52	-18.98	43.5	43.16	11.79	1.14	31.57	-	-	Peak
250.05	28.92	-17.08	46	46.03	12.77	1.53	31.41	-	-	Peak
374.2	29.06	-16.94	46	42.78	15.44	2.09	31.25	-	-	Peak
624.1	27.59	-18.41	46	35.48	20.25	2.76	30.9	-	-	Peak
965	35.38	-18.62	54	38.31	24.16	3.48	30.57	-	-	Peak
5725	50.4	-21.24	71.64	41.31	35.01	9.92	35.84	100	244	Peak
5785	91.64	-	-	82.44	35.11	9.89	35.8	100	244	Peak
5785	80.66	-	-	71.48	35.09	9.9	35.81	100	244	Average
5850	50.04	-21.6	71.64	40.76	35.18	9.87	35.77	100	244	Peak
8390	55.56	-18.44	74	42.69	36	10.96	34.09	100	159	Peak
8390	41.75	-12.25	54	28.88	36	10.96	34.09	100	159	Average

Test Mode :	Mode 40	**Temperature :**	24~25°C
Test Channel :	157	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5785 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.31	-1.69	40	60.2	8.96	0.68	31.53	133	216	Peak
169.86	28.37	-15.13	43.5	48.99	9.67	1.23	31.52	-	-	Peak
250.05	27.43	-18.57	46	44.54	12.77	1.53	31.41	-	-	Peak
500.2	26.04	-19.96	46	36.48	18.18	2.45	31.07	-	-	Peak
624.1	30.92	-15.08	46	38.81	20.25	2.76	30.9	-	-	Peak
960.1	31.65	-22.35	54	34.66	24.09	3.47	30.57	-	-	Peak
5725	53.24	-39.41	92.65	44.15	35.01	9.92	35.84	100	35	Peak
5785	112.65	-	-	103.47	35.09	9.9	35.81	100	35	Peak
5785	99.32	-	-	90.14	35.09	9.9	35.81	100	35	Average
5850	50.48	-42.17	92.65	41.2	35.18	9.87	35.77	100	35	Peak
8334	57.08	-16.92	74	44.23	36	10.95	34.1	100	66	Peak
8334	42.61	-11.39	54	29.76	36	10.95	34.1	100	66	Average
11570	42	-32	74	72.24	-9.8	13.17	33.61	100	351	Peak
11570	26.13	-27.87	54	56.37	-9.8	13.17	33.61	100	351	Average

Test Mode :	Mode 41	**Temperature :**	24~25°C
Test Channel :	165	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5825 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.45	-1.55	40	60.34	8.96	0.68	31.53	120	154	Peak
128.01	24.5	-19	43.5	43.14	11.79	1.14	31.57	-	-	Peak
250.05	29.13	-16.87	46	46.24	12.77	1.53	31.41	-	-	Peak
374.2	28.84	-17.16	46	42.56	15.44	2.09	31.25	-	-	Peak
624.1	27.72	-18.28	46	35.61	20.25	2.76	30.9	-	-	Peak
953.8	35.25	-10.75	46	38.37	23.99	3.46	30.57	-	-	Peak
5725	49.79	-25.17	74.96	40.7	35.01	9.92	35.84	100	317	Peak
5825	94.96	-	-	85.7	35.16	9.88	35.78	100	317	Peak
5825	83.03	-	-	73.77	35.16	9.88	35.78	100	317	Average
5850	49.92	-25.04	74.96	40.64	35.18	9.87	35.77	100	317	Peak
8436	56.77	-17.23	74	43.88	36	10.98	34.09	102	146	Peak
8436	41.9	-12.1	54	29.01	36	10.98	34.09	102	146	Average

Test Mode :	Mode 41	**Temperature :**	24~25°C
Test Channel :	165	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5825 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	38.77	-1.23	40	60.66	8.96	0.68	31.53	100	110	Peak
169.86	29	-14.5	43.5	49.62	9.67	1.23	31.52	-	-	Peak
250.05	27.51	-18.49	46	44.62	12.77	1.53	31.41	-	-	Peak
500.2	25.9	-20.1	46	36.34	18.18	2.45	31.07	-	-	Peak
624.1	31.52	-14.48	46	39.41	20.25	2.76	30.9	-	-	Peak
943.3	29.96	-16.04	46	33.26	23.84	3.45	30.59	-	-	Peak
5725	53.33	-39.56	92.89	44.24	35.01	9.92	35.84	100	37	Peak
5825	112.89	-	-	103.63	35.16	9.88	35.78	100	37	Peak
5825	101.47	-	-	92.21	35.16	9.88	35.78	100	37	Average
5850	56.85	-36.04	92.89	47.57	35.18	9.87	35.77	100	37	Peak
8454	56.44	-17.56	74	43.54	36	10.99	34.09	100	125	Peak
8454	42.72	-11.28	54	29.82	36	10.99	34.09	100	125	Average
11650	47.54	-26.46	74	77.88	-9.91	13.22	33.65	100	348	Peak
11650	30.26	-23.74	54	60.6	-9.91	13.22	33.65	100	348	Average

Test Mode :	Mode 42	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.36	38.45	-1.55	40	60.34	8.96	0.68	31.53	124	281	Peak
128.82	24.19	-19.31	43.5	42.84	11.78	1.14	31.57	-	-	Peak
250.05	28.34	-17.66	46	45.45	12.77	1.53	31.41	-	-	Peak
374.2	29.3	-16.7	46	43.02	15.44	2.09	31.25	-	-	Peak
624.1	26.92	-19.08	46	34.81	20.25	2.76	30.9	-	-	Peak
948.9	34.56	-11.44	46	37.76	23.91	3.46	30.57	-	-	Peak
5725	56.88	-15.15	72.03	47.79	35.01	9.92	35.84	100	320	Peak
5755	92.03	-	-	82.88	35.06	9.91	35.82	100	320	Peak
5755	79.26	-	-	70.11	35.06	9.91	35.82	100	320	Average
5850	50.44	-21.59	72.03	41.16	35.18	9.87	35.77	100	320	Peak
8350	56.11	-17.89	74	43.26	36	10.95	34.1	100	258	Peak
8350	41.34	-12.66	54	28.49	36	10.95	34.1	100	258	Average

Test Mode :	Mode 42	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	39.04	-0.96	40	60.93	8.96	0.68	31.53	121	333	Peak
170.13	29.24	-14.26	43.5	49.86	9.67	1.23	31.52	-	-	Peak
250.05	27.02	-18.98	46	44.13	12.77	1.53	31.41	-	-	Peak
500.2	25.92	-20.08	46	36.36	18.18	2.45	31.07	-	-	Peak
624.1	31.03	-14.97	46	38.92	20.25	2.76	30.9	-	-	Peak
895.7	31.99	-14.01	46	36.23	23.13	3.33	30.7	-	-	Peak
5725	73.4	-15.72	89.12	64.31	35.01	9.92	35.84	100	32	Peak
5755	109.12	-	-	100	35.04	9.91	35.83	100	32	Peak
5755	96.38	-	-	87.23	35.06	9.91	35.82	100	32	Average
5850	51.06	-38.06	89.12	41.78	35.18	9.87	35.77	100	32	Peak
8262	56.86	-17.14	74	44.04	36	10.92	34.1	100	188	Peak
8262	42.5	-11.5	54	29.68	36	10.92	34.1	100	188	Average

Test Mode :	Mode 43	**Temperature :**	24~25°C
Test Channel :	159	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5795 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
42.69	28.78	-11.22	40	47.46	12.18	0.64	31.5	-	-	Peak
48.9	38.48	-1.52	40	60.37	8.96	0.68	31.53	106	116	Peak
132.33	24.77	-18.73	43.5	43.42	11.76	1.16	31.57	-	-	Peak
624.1	27.45	-18.55	46	35.34	20.25	2.76	30.9	-	-	Peak
875.4	32.66	-13.34	46	37.11	22.95	3.31	30.71	-	-	Peak
931.4	35.07	-10.93	46	38.62	23.65	3.42	30.62	-	-	Peak
5725	49.48	-21.24	70.72	40.39	35.01	9.92	35.84	100	321	Peak
5795	90.72	-	-	81.52	35.11	9.89	35.8	100	321	Peak
5795	78.63	-	-	69.43	35.11	9.89	35.8	100	321	Average
5850	49.62	-21.1	70.72	40.34	35.18	9.87	35.77	100	321	Peak
8326	55.64	-18.36	74	42.8	36	10.94	34.1	100	133	Peak
8326	41.12	-12.88	54	28.28	36	10.94	34.1	100	133	Average

Test Mode :	Mode 43	Temperature :	24~25°C
Test Channel :	159	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5795 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30	32	-8	40	43.42	19.51	0.53	31.46	-	-	Peak
48.9	38.52	-1.48	40	60.41	8.96	0.68	31.53	112	322	Peak
132.33	28.29	-15.21	43.5	46.94	11.76	1.16	31.57	-	-	Peak
500.2	26.07	-19.93	46	36.51	18.18	2.45	31.07	-	-	Peak
624.1	31.15	-14.85	46	39.04	20.25	2.76	30.9	-	-	Peak
895.7	31.24	-14.76	46	35.48	23.13	3.33	30.7	-	-	Peak
5725	54.78	-33.91	88.69	45.69	35.01	9.92	35.84	100	35	Peak
5795	108.69	-	-	99.49	35.11	9.89	35.8	100	35	Peak
5795	95.74	-	-	86.54	35.11	9.89	35.8	100	35	Average
5850	51.92	-36.77	88.69	42.64	35.18	9.87	35.77	100	35	Peak
8420	55.96	-18.04	74	43.08	36	10.97	34.09	100	70	Peak
8420	42.18	-11.82	54	29.3	36	10.97	34.09	100	70	Average

Test Mode :	Mode 44	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	37.64	-2.36	40	59.53	8.96	0.68	31.53	103	227	Peak
128.82	24.46	-19.04	43.5	43.11	11.78	1.14	31.57	-	-	Peak
250.05	28.18	-17.82	46	45.29	12.77	1.53	31.41	-	-	Peak
374.2	29.12	-16.88	46	42.84	15.44	2.09	31.25	-	-	Peak
875.4	33.85	-12.15	46	38.3	22.95	3.31	30.71	-	-	Peak
956.6	34.73	-11.27	46	37.8	24.03	3.47	30.57	-	-	Peak
5725	53.84	-18.2	72.04	44.75	35.01	9.92	35.84	100	250	Peak
5755	92.04	-	-	82.92	35.04	9.91	35.83	100	250	Peak
5755	79.7	-	-	70.55	35.06	9.91	35.82	100	250	Average
5850	48.94	-23.1	72.04	39.66	35.18	9.87	35.77	100	250	Peak
8414	54.83	-19.17	74	41.95	36	10.97	34.09	100	17	Peak
8414	39.9	-14.1	54	27.02	36	10.97	34.09	100	17	Average

Test Mode :	Mode 44	Temperature :	24~25°C
Test Channel :	151	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.9	37.67	-2.33	40	59.56	8.96	0.68	31.53	100	280	Peak
134.22	28.07	-15.43	43.5	46.72	11.74	1.17	31.56	-	-	Peak
169.86	28.59	-14.91	43.5	49.21	9.67	1.23	31.52	-	-	Peak
500.2	25.51	-20.49	46	35.95	18.18	2.45	31.07	-	-	Peak
624.1	31.08	-14.92	46	38.97	20.25	2.76	30.9	-	-	Peak
892.2	30.67	-15.33	46	34.93	23.11	3.33	30.7	-	-	Peak
5725	80.59	-11.02	91.61	71.5	35.01	9.92	35.84	100	355	Peak
5755	111.61	-	-	102.49	35.04	9.91	35.83	100	355	Peak
5755	98.86	-	-	89.71	35.06	9.91	35.82	100	355	Average
5850	51.28	-40.33	91.61	42	35.18	9.87	35.77	100	355	Peak
8494	54.8	-19.2	74	41.88	36	11	34.08	100	166	Peak
8494	40.55	-13.45	54	27.63	36	11	34.08	100	166	Average

Test Mode :	Mode 45	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Horizontal
Remark :	2452 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	37.87	-2.13	40	59.76	8.96	0.68	31.53	100	249	Peak
129.09	24.4	-19.1	43.5	43.05	11.78	1.14	31.57	-	-	Peak
265.98	23.45	-22.55	46	40.23	12.99	1.62	31.39	-	-	Peak
624.1	28.48	-17.52	46	36.37	20.25	2.76	30.9	-	-	Peak
897.8	33.29	-12.71	46	37.49	23.16	3.34	30.7	-	-	Peak
965	35.33	-18.67	54	38.26	24.16	3.48	30.57	-	-	Peak
2388	63.02	-10.98	74	58.39	32.13	6.03	33.53	121	0	Peak
2388	50.43	-3.57	54	45.8	32.13	6.03	33.53	121	0	Average
2452	112.43	-	-	107.65	32.22	6.11	33.55	121	0	Peak
2452	98.98	-	-	94.2	32.22	6.11	33.55	121	0	Average
2483.85	53.11	-0.89	54	48.22	32.27	6.18	33.56	121	0	Average
2483.85	69.96	-4.04	74	65.07	32.27	6.18	33.56	121	0	Peak
8373	56.84	-17.16	74	43.98	36	10.95	34.09	100	115	Peak
8373	42.04	-11.96	54	29.18	36	10.95	34.09	100	115	Average

Test Mode :	Mode 45	Temperature :	24~25°C
Test Channel :	09	Relative Humidity :	45~47%
Test Engineer :	Ivan Jiang	Polarization :	Vertical
Remark :	2452 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30	31.85	-8.15	40	43.27	19.51	0.53	31.46	-	-	Peak
48.63	37.97	-2.03	40	59.86	8.96	0.68	31.53	124	336	Peak
169.86	28.77	-14.73	43.5	49.39	9.67	1.23	31.52	-	-	Peak
624.1	31.14	-14.86	46	39.03	20.25	2.76	30.9	-	-	Peak
887.3	30.3	-15.7	46	34.63	23.06	3.32	30.71	-	-	Peak
945.4	30.75	-15.25	46	34.01	23.87	3.45	30.58	-	-	Peak
2374	56.63	-17.37	74	52.06	32.11	5.99	33.53	101	202	Peak
2374	44.19	-9.81	54	39.62	32.11	5.99	33.53	101	202	Average
2452	96.73	-	-	91.95	32.22	6.11	33.55	101	202	Peak
2452	83.24	-	-	78.46	32.22	6.11	33.55	101	202	Average
2483.5	44.5	-9.5	54	39.61	32.27	6.18	33.56	101	202	Average
2483.5	58.73	-15.27	74	53.84	32.27	6.18	33.56	101	202	Peak
8250	55.69	-18.31	74	42.89	36	10.91	34.11	100	261	Peak
8250	41.02	-12.98	54	28.22	36	10.91	34.11	100	261	Average

Test Mode :	Mode 46	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Horizontal
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
48.63	37.85	-2.15	40	59.74	8.96	0.68	31.53	100	299	Peak
128.01	24.33	-19.17	43.5	42.97	11.79	1.14	31.57	-	-	Peak
250.05	28.89	-17.11	46	46	12.77	1.53	31.41	-	-	Peak
374.2	29.32	-16.68	46	43.04	15.44	2.09	31.25	-	-	Peak
895.7	33.06	-12.94	46	37.3	23.13	3.33	30.7	-	-	Peak
948.2	34.17	-11.83	46	37.37	23.91	3.46	30.57	-	-	Peak
5725	64.71	-11.62	76.33	55.62	35.01	9.92	35.84	-	-	Peak
5755	96.33	-	-	87.18	35.06	9.91	35.82	100	29	Peak
5755	84.6	-	-	75.45	35.06	9.91	35.82	100	29	Average
5850	61.14	-15.19	76.33	51.86	35.18	9.87	35.77			Peak
8452	56.97	-17.03	74	44.08	36	10.98	34.09	132	194	Peak
8452	41.71	-12.29	54	28.82	36	10.98	34.09	132	194	Average

Test Mode :	Mode 46	**Temperature :**	24~25°C
Test Channel :	151	**Relative Humidity :**	45~47%
Test Engineer :	Ivan Jiang	**Polarization :**	Vertical
Remark :	1. 5725 MHz and 5850 MHz are not within a restricted band. 2. 5755 MHz is Fundamental Signals which can be ignored.		

Frequency (MHz)	Level (dBuV/m)	Over Limit (dB)	Limit Line (dBuV/m)	Read Level (dBuV)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Remark
30.81	32.3	-7.7	40	44.27	18.95	0.54	31.46	-	-	Peak
48.9	38	-2	40	59.89	8.96	0.68	31.53	100	259	Peak
166.62	28.13	-15.37	43.5	48.53	9.89	1.23	31.52	-	-	Peak
500.2	26.02	-19.98	46	36.46	18.18	2.45	31.07	-	-	Peak
624.1	30.71	-15.29	46	38.6	20.25	2.76	30.9	-	-	Peak
951.7	30.81	-15.19	46	33.96	23.96	3.46	30.57	-	-	Peak
5725	82.46	-13.33	95.79	73.37	35.01	9.92	35.84	100	355	Peak
5755	115.79	-	-	106.64	35.06	9.91	35.82	100	355	Peak
5755	103.37	-	-	94.22	35.06	9.91	35.82	100	355	Peak
5850	61.21	-34.58	95.79	51.93	35.18	9.87	35.77	100	355	Peak
8414	56.73	-17.27	74	43.85	36	10.97	34.09	102	86	Peak
8414	42.3	-11.7	54	29.42	36	10.97	34.09	102	86	Average
11510	51.24	-22.76	74	81.36	-9.7	13.14	33.56	100	346	Peak
11510	36.49	-17.51	54	66.62	-9.71	13.14	33.56	100	346	Average

3.8 Antenna Requirements

3.8.1 Standard Applicable

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. 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 FCC rule.

3.8.2 Antenna Connected Construction

The antennas type used in this product is Dipole Antenna and Panel Antenna without and it is considered to meet antenna requirement.

3.8.3 Antenna Gain

The antenna peak gain of EUT is more than 6 dBi. Therefore, it is must to reduce maximum peak output power limit.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
Spectrum Analyzer	R&S	FSP30	101329	9kHz~30GHz	Apr. 26, 2010	Apr. 25, 2011	Conducted (TH02-HY)
Power Meter	Anritsu	ML2495A	0932001	N/A	Sep. 17, 2009	Sep. 16, 2010	Conducted (TH02-HY)
Power Sensor	Anritsu	MA2411B	0846202	N/A	Sep. 10, 2009	Sep. 09, 2010	Conducted (TH02-HY)
EMI Test Receive	R&S	ESU	100211	9KHz – 2.75GHz	May 28, 2010	May 27, 2011	Conduction (CO05-HY)
Two-LISN	R&S	ENV216	11-100081	9kHz~30MHz	Nov. 30, 2009	Nov. 29, 2010	Conduction (CO05-HY)
Two-LISN	R&S	ENV216	11-100080	9kHz~30MHz	Nov. 23, 2009	Nov. 22, 2010	Conduction (CO05-HY)
AC Power Source	APC	APC-1000W	N/A	N/A	N/A	N/A	Conduction (CO05-HY)
Bilog Antenna	SCHAFFNER	CBL6111C	2726	30MHz ~ 1GHz	Oct. 31, 2009	Oct. 30, 2010	Radiation (03CH07-HY)
Spectrum Analyzer	R&S	FSP	101067	9KHz ~ 30GHz	Dec. 04, 2009	Dec. 03, 2010	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 20, 2009	Aug. 19, 2010	Radiation (03CH07-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	15GHz- 40GHz	Oct. 14, 2009	Oct. 13, 2010	Radiation (03CH07-HY)
Pre Amplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Dec.09,2009	Dec. 08, 2010	Radiation (03CH07-HY)
Pre Amplifier	COM-POWER	PA-103A	161241	10-1000MHz.32 dB.GAIN	Mar. 27, 2010	Mar. 26, 2011	Radiation (03CH07-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz~30 MHz	Jul. 29, 2010	Jul. 28, 2011	Radiation (03CH07-HY)

5 Uncertainty of Evaluation

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Contribution	Uncertainty of X_i		$u(X_i)$
	dB	Probability Distribution	
Receiver Reading	0.10	Normal (k=2)	0.05
Cable Loss	0.10	Normal (k=2)	0.05
AMN Insertion Loss	2.50	Rectangular	0.63
Receiver Specification	1.50	Rectangular	0.43
Site Imperfection	1.39	Rectangular	0.80
Mismatch	+0.34 / -0.35	U-Shape	0.24
Combined Standard Uncertainty Uc(y)	**1.13**		
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.26**		

Uncertainty of Radiated Emission Measurement (30MHz ~ 1000MHz)

Contribution	Uncertainty of X_i		$u(X_i)$
	dB	Probability Distribution	
Receiver Reading	0.41	Normal (k=2)	0.21
Antenna Factor Calibration	0.83	Normal (k=2)	0.42
Cable Loss Calibration	0.25	Normal (k=2)	0.13
Pre-Amplifier Gain Calibration	0.27	Normal (k=2)	0.14
RCV/SPA Specification	2.50	Rectangular	0.72
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29
Site Imperfection	1.43	Rectangular	0.83
Mismatch	+0.39 / -0.41	U-Shape	0.28
Combined Standard Uncertainty Uc(y)	**1.27**		
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.54**		

Uncertainty of Radiated Emission Measurement (1GHz ~ 40GHz)

Contribution	Uncertainty of X_i		$u(X_i)$	C_i	$C_i * u(X_i)$
	dB	Probability Distribution			
Receiver Reading	±0.10	Normal (k=2)	0.10	1	0.10
Antenna Factor Calibration	±1.70	Normal (k=2)	0.85	1	0.85
Cable Loss Calibration	±0.50	Normal (k=2)	0.25	1	0.25
Receiver Correction	±2.00	Rectangular	1.15	1	1.15
Antenna Factor Directional	±1.50	Rectangular	0.87	1	0.87
Site Imperfection	±2.80	Triangular	1.14	1	1.14
Mismatch Receiver VSWR Γ1 = 0.197 Antenna VSWR Γ2 = 0.194 Uncertainty = 20Log(1-Γ1*Γ2)	+0.34 / -0.35	U-Shape	0.244	1	0.244
Combined Standard Uncertainty Uc(y)	**2.36**				
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.72**				

Appendix A. Photographs of EUT

Please refer to Sporton report number EP9D2415-03 as below.