4.2 RADIATED EMISSION MEASUREMENT

4.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Field strength limits are at the distance of 3 meters, emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequencies (MHz)	Field Strength of Fundamental	
	µV/meter	dBµV/meter
30-88	100	40.0
88-216	150	43.5
216-960	200	46.0
Above 960	500	54.0

As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

LIMIT OF RADIATED EMISSION OF FCC PART 15, SUBPART B FOR FREQUENCY ABOVE 1000 MHz

FREQUENCY (MHz)	Class A (at 10m)		Class B (at 3m)	
	uV/m	dBuV/m	uV/m	dBuV/m
Above 1000	300	49.5	500	54.0

Note: 1 The lower limit shall apply at the transition frequencies.
2 Emission level (dBuV/m) = 20 log Emission level (uV/m).
3 All emanation from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

4.2.2 TEST INSTRUMENTS

DESCRIPTION & MANUFACTURER	MODEL NO.	SERIAL NO.	CALIBRATED UNTIL
*HP Spectrum Analyzer	8590L	3544A01176	April 18, 2001
*HP Preamplifier	8447D	2944A08485	April 26, 2001
* HP Preamplifier	8449B	3008A01201	Dec. 13, 2001
* ROHDE & SCHWARZ TEST RECEIVER	ESMI	839013/007 839379/002	Jan. 25, 2002
SCHWARZBECK Tunable Dipole Antenna	VHA 9103 UHA 9105	E101051 E101055	Nov. 23, 2001
* CHASE BILOG Antenna	CBL6112A	2221	Aug. 4, 2001
* EMCO Turn Table	1060	1115	NA
* SHOSHIN Tower	AP-4701	A6Y005	NA
* Software	AS61D	NA	NA
* ANRITSU RF Switches	MP59B	M35046	Aug. 4, 2001
* TIMES RF cable	LMR-600	CABLE-ST5-01	Aug. 4, 2001
* Antenna (Horn)	BBHA9120-D	D130	July 10, 2001
Open Field Test Site	Site 5	ADT-R05	July 28, 2001
VCCI Site Registration No.	Site 5	R-1039	NA

NOTE: 1.The measurement uncertainty is less than +/- 3.0dB, which is calculated as per the NAMAS document NIS81.

2.The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.

3."*" = These equipments are used for the final measurement.

4.2.3 TEST PROCEDURES

1. The EUT was placed on the turn table 0.8 meter above ground in 3 meter open area test site.
2. Set the resolution bandwidth to 120KHz in the test receiver and select Peak function to scan the frequency below 1 GHz.
3. Shift the interference-receiving antenna located in antenna tower upwards and downwards between 1 and 4 meters above ground and find out the local peak emission on frequency domain.
4. Locate the interference-receiving antenna at the position where the local peak reach the maximum emission.
5. Rotate the turn table and stop at the angle where the measurement device has maximum reading
6. Shift the interference-receiving antenna again to detect the maximum emission of the local peak
7. If the reading of the local peak under Peak function is lower than limit by 6dB, then Quasi Peak detection is not needed and this reading should be recorded. And if it is higher than Peak limit, then the test is fail. Others, switch the receiver to Quasi Peak function, set the resolution bandwidth to 100kHz and repeat the procedures C ~ F. If the reading is lower than limit, this reading should be recorded, otherwise, the test is fail.
8. Set the resolution and video bandwidth of the spectrum analyzer to 1MHz and repeat procedures C ~ F for frequency band from 1 GHz to 10 times carrier frequency.
9. If the reading for the local peak is lower than the Average limit, no further testing is needed in this local peak and this reading should be recorded. If it is higher than Average limit but lower than Peak limit, then set the resolution bandwidth to 1MHz and video bandwidth to 300Hz. Repeat procedures C ~ F. If the maximum reading is lower than Average limit, then this reading should be recorded. If it is higher, then the test is fail.

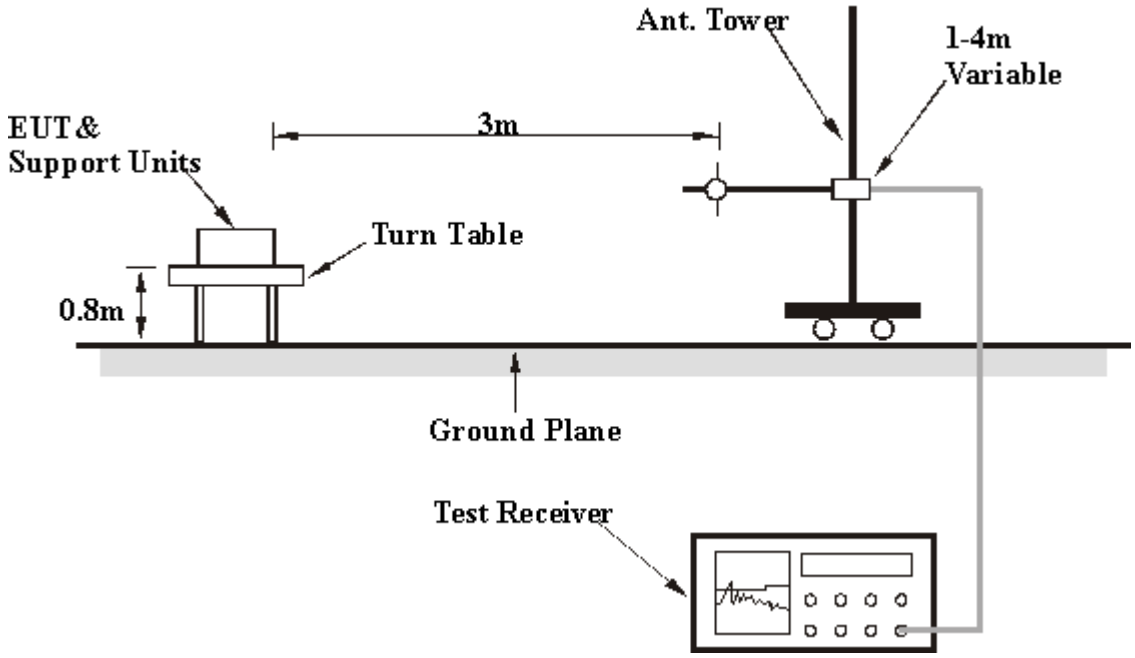
Notes:

1.The frequency range of verification is either from 30 MHz to 1GHz or from 30 MHz up to 10 times carrier frequency of EUT (whichever is the highest frequency range).

2.The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for frequency below 1GHz.

3.The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 300 Hz for frequency above 1GHz.

4.2.4 TEST SETUP



For the actual test configuration, please refer to the related Item in this test report (**Photographs of the Test Configuration**).

4.2.5 TEST RESULTS

Digital Portion

EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Test Mode	1	**Detector Function**	Quasi-Peak
Channel	Channel 1		
Frequency Range	30-1000 MHz	**Test Distance**	3M
Environmental Conditions	24℃, 60%RH	**Tested By**	Steven Lu

ANTENNA POLARITY: VERTICAL							
Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
132.03	13.51	43.71	30.2	43.5	-13.3	115	274
176.07	15.62	47.92	32.3	43.5	-11.2	115	308
440.01	7.80	38.90	31.1	46.0	-14.9	189	274
572.04	6.01	42.89	36.9	46.0	-9.1	100	107
748.01	3.98	49.49	45.5	46.0	-0.5	107	192
836.01	3.33	36.21	32.9	46.0	-13.1	149	221

ANTENNA POLARITY: HORIZONTAL							
Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
132.04	13.51	45.26	31.8	43.5	-11.8	100	228
176.04	15.62	40.71	25.1	43.5	-18.4	162	259
440.01	7.80	35.41	27.6	46.0	-18.4	198	303
572.01	6.01	43.77	37.8	46.0	-8.2	100	129
748.01	3.98	45.51	41.5	46.0	-4.5	115	363
836.11	3.33	37.91	34.6	46.0	-11.4	104	192

Notes: 1 Emission level (dBuV/m) = Reading value (dBuV).-Correction Factor (dB)
2 Correction Factor (dB) = Ant. Factor (dB)+Cable loss (dB)
3 The other emission levels were very low against the limit.
4 Margin value = Emission level - Limit value

EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Test Mode	2	**Detector Function**	Quasi-Peak
Channel	Channel 1		
Frequency Range	30-1000 MHz	**Test Distance**	3M
Environmental Conditions	20℃, 60%RH	**Tested By**	Steven Lu

ANTENNA POLARITY: VERTICAL							
Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
220.00	14.59	47.92	33.3	46.0	-12.7	108	184
439.98	7.80	41.25	33.5	46.0	-12.5	108	140
484.00	6.80	37.52	30.7	46.0	-15.3	114	9
527.99	6.29	36.64	30.4	46.0	-15.6	100	353
571.99	6.01	37.00	31.0	46.0	-15.0	100	194
747.99	3.98	38.83	34.8	46.0	-11.2	100	48

ANTENNA POLARITY: HORIZONTAL							
Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (cm)	Table Angle (Degree)
220.00	14.59	43.75	29.2	46.0	-16.8	206	296
484.00	6.80	36.03	29.2	46.0	-16.8	122	286
528.00	6.29	35.51	29.2	46.0	-16.8	100	99
572.01	6.01	35.56	29.5	46.0	-16.5	100	330
615.99	5.71	36.18	30.5	46.0	-15.1	104	107
747.99	3.98	39.05	35.1	46.0	-10.9	160	139

Notes: 1 Emission level (dBuV/m) = Reading value (dBuV).-Correction Factor (dB)
2 Correction Factor (dB) = Ant. Factor (dB)+Cable loss (dB)
3 The other emission levels were very low against the limit.
4 Margin value = Emission level - Limit value

RF Portion

EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Test Mode	1	**Detector Function**	PK, AV
Channel	Channel		
Frequency Range	Above 1000 MHz	**Test Distance**	3M
Environmental Conditions	24℃, 60%RH	**Tested By**	Steven Lu

ANTENNA POLARITY: Vertical	**Detector Function :**	**6dB Bandwidth : 1MHz**	**Frequency Range : Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2038.2	31.19	17.60	-	48.8	-	74.0	54.0	-25.2	-	106	146
*2413.3	32.40	68.90	65.90	101.3	98.3	-	-	-	-	102	311
4076.2	37.13	9.87	-	47.0	-	74.0	54.0	-27.0	-	100	184
4824.3	38.05	8.65	-	46.7	-	74.0	54.0	-27.3	-	106	98

ANTENNA POLARITY: Horizontal	**Detector Function :**	**6dB Bandwidth:1MHz**	**Frequency Range: Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2038.2	31.19	18.36	-	49.6	-	74.0	54.0	-24.4	-	104	218
*2412.2	32.40	69.21	62.10	101.6	94.5	-	-	-	-	105	152
4076.2	37.13	9.25	-	46.4	-	74.0	54.0	-27.6	-	108	264
4824.3	38.05	9.68	-	47.7	-	74.0	54.0	-26.3	-	116	216

NOTES:1. Emission level (dBuV/m) = Correction Factor (dB) + Reading value (dBuV).

2. Correction Factor (dB) = Ant. Factor (dB)+Cable loss (dB)

3. The other emission levels were very low against the limit.

4. Margin value = Emission level - Limit value

5. The limit value is defined as per 15.247

6. " * " : Fundamental frequency

EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Test Mode	1	**Detector Function**	PK,AV
Channel	Channel 6		
Frequency Range	Above 1000 MHz	**Test Distance**	3M
Environmental Conditions	24℃, 60%RH	**Tested By**	Steven Lu

ANTENNA POLARITY: Vertical	**Detector Function :**	**6dB Bandwidth:1MHz**	**Frequency Range: Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2062.9	31.26	19.23	-	50.5	-	74.0	54.0	-23.5	-	102	210
*2437.4	32.49	68.30	62.00	100.8	94.5	-	-	-	-	105	362
4125.9	37.14	9.30	-	46.4	-	74.0	54.0	-27.6	-	101	167
4873.8	38.19	9.30	-	47.5	-	74.0	54.0	-26.5	-	101	361

ANTENNA POLARITY: Horizontal	**Detector Function :**	**6dB Bandwidth:1MHz.**	**Frequency Range: Above 1GHz.**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2063.7	31.26	15.30	-	46.6	-	74.0	54.0	-27.4	-	103	68
*2438.4	32.49	69.65	63.00	102.1	95.5	-	-	-	-	103	252
4125.8	37.14	8.39	-	45.5	-	74.0	54.0	-28.5	-	103	348
4873.6	38.19	9.30	-	47.5	-	74.0	54.0	-26.5	-	101	96

NOTES:1. Emission level (dBuV/m) = Correction Factor (dB) + Reading value (dBuV).

2. Correction Factor (dB) = Ant. Factor (dB)+Cable loss (dB)

3. The other emission levels were very low against the limit.

4. Margin value = Emission level - Limit value

5. The limit value is defined as per 15.247

6. " * " : Fundamental frequency

EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Test Mode	1	**Detector Function**	PK,AV
Channel	Channel 11		
Frequency Range	Above 1000 MHz	**Test Distance**	3M
Environmental Conditions	24℃, 60%RH	**Tested By**	Steven Lu

ANTENNA POLARITY: Vertical	**Detector Function :**	**6dB Bandwidth:1MHz.**	**Frequency Range: Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2088.0	31.35	19.20	-	50.6	-	74.0	54.0	-23.4	-	106	106
*2463.1	32.56	69.30	63.40	101.9	96.0	-	-	-	-	112	359
2483.6	32.62	9.30	-	41.9	-	74.0	54.0	-32.1	-	104	159
4176.8	37.14	8.25	-	45.4	-	74.0	54.0	-28.6	-	113	44
4923.8	38.33	8.60	-	46.9	-	74.0	54.0	-27.1	-	107	222

ANTENNA POLARITY: Horizontal	**Detector Function :**	**6dB Bandwidth:1MHz.**	**Frequency Range: Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2088.0	31.35	17.60	-	49.0	-	74.0	54.0	-25.0	-	102	149
*2463.2	32.56	68.30	62.40	100.9	95.0	-	-	-	-	100	136
2483.6	32.62	8.60	-	41.2	-	74.0	54.0	-32.8	-	106	230
4176.8	37.14	9.30	-	46.4	-	74.0	54.0	-27.6	-	107	92
4923.8	38.33	8.60	-	46.9	-	74.0	54.0	-27.1	-	104	337

NOTES:1. Emission level (dBuV/m) = Correction Factor (dB) + Reading value (dBuV).

2. Correction Factor (dB) = Ant. Factor (dB)+Cable loss (dB)

3. The other emission levels were very low against the limit.

4. Margin value = Emission level - Limit value

5. The limit value is defined as per 15.247

6. " * " : Fundamental frequency

EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Test Mode	2	**Detector Function**	PK, AV
Channel	Channel 1		
Frequency Range	Above 1000 MHz	**Test Distance**	3M
Environmental Conditions	20℃, 60%RH	**Tested By**	Steven Lu

ANTENNA POLARITY: Vertical	**Detector Function :**	**6dB Bandwidth : 1MHz**	**Frequency Range : Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2038.0	29.61	19.23	-	48.8	-	74.0	54.0	-25.2	-	102	157
*2411.2	31.04	74.50	68.39	105.5	99.4	-	-	-	-	110	199
4076.5	34.79	15.28	-	50.1	-	74.0	54.0	-23.9	-	100	284
4824.2	36.55	14.60	-	51.1	-	74.0	54.0	-22.9	-	100	354

ANTENNA POLARITY: Horizontal	**Detector Function :**	**6dB Bandwidth:1MHz**	**Frequency Range: Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2038.0	29.61	20.48	-	50.1	-	74.0	54.0	-23.9	-	102	178
*2413.4	31.04	69.36	61.54	100.4	92.6	-	-	-	-	101	348
4076.5	34.79	15.20	-	50.0	-	74.0	54.0	-24.0	-	103	274
4824.3	36.55	14.92	-	51.5	-	74.0	54.0	-22.5	-	103	178

NOTES:1. Emission level (dBuV/m) = Correction Factor (dB) + Reading value (dBuV).

2. Correction Factor (dB) = Ant. Factor (dB)+Cable loss (dB)

3. The other emission levels were very low against the limit.

4. Margin value = Emission level - Limit value

5. The limit value is defined as per 15.247

6. " * " : Fundamental frequency

EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Test Mode	2	**Detector Function**	PK,AV
Channel	Channel 6		
Frequency Range	Above 1000 MHz	**Test Distance**	3M
Environmental Conditions	20℃, 60%RH	**Tested By**	Steven Lu

ANTENNA POLARITY: Vertical	**Detector Function :**	**6dB Bandwidth:1MHz**	**Frequency Range: Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2063.3	29.69	14.21	-	43.9	-	74.0	54.0	-30.1	-	99	271
*2438.1	31.16	74.60	69.86	105.8	101.0	-	-	-	-	99	52
4126.4	34.90	15.20	-	50.1	-	74.0	54.0	-23.9	-	99	183
4874.0	36.69	14.10	-	50.8	-	74.0	54.0	-23.2	-	99	57

ANTENNA POLARITY: Horizontal	**Detector Function :**	**6dB Bandwidth:1MHz.**	**Frequency Range: Above 1GHz.**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2063.0	29.69	20.20	-	49.9	-	74.0	54.0	-24.1	-	100	177
*2438.4	31.16	68.20	60.4	99.4	91.6	-	-	-	-	100	4
4125.8	34.90	15.20	-	50.1	-	74.0	54.0	-23.9	-	100	186
4873.6	36.69	14.20	-	50.9	-	74.0	54.0	-23.1	-	100	26

NOTES:1. Emission level (dBuV/m) = Correction Factor (dB) + Reading value (dBuV).

2. Correction Factor (dB) = Ant. Factor (dB)+Cable loss (dB)

3. The other emission levels were very low against the limit.

4. Margin value = Emission level - Limit value

5. The limit value is defined as per 15.247

6. " * " : Fundamental frequency

EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Test Mode	2	**Detector Function**	PK,AV
Channel	Channel 11		
Frequency Range	Above 1000 MHz	**Test Distance**	3M
Environmental Conditions	20℃, 60%RH	**Tested By**	Steven Lu

ANTENNA POLARITY: Vertical	**Detector Function :**	**6dB Bandwidth:1MHz.**	**Frequency Range: Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2088.0	29.81	17.60	-	47.4	-	74.0	54.0	-26.6	-	99	269
*2461.5	31.24	73.20	68.90	104.4	100.1	-	-	-	-	99	314
2483.5	31.31	19.80	-	51.1	-	74.0	54.0	-22.9	-	99	29
4176.0	35.00	14.60	-	49.6	-	74.0	54.0	-24.4	-	99	142
4923.8	36.83	13.50	-	50.3	-	74.0	54.0	-23.7	-	99	203

ANTENNA POLARITY: Horizontal	**Detector Function :**	**6dB Bandwidth:1MHz.**	**Frequency Range: Above 1GHz**

Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV/m)		Limit (dBuV/m)		Margin (dB)		Antenna Height (cm)	Table Angle (Degree)
		P.K.	A.V.	P.K.	A.V.	P.K.	A.V.	P.K	A.V.		
2088.0	29.81	17.80	-	47.6	-	74.0	54.0	-26.4	-	100	121
*2462.0	31.24	68.30	61.60	99.5	92.8	-	-	-	-	100	209
2483.5	31.31	12.90	-	44.2	-	74.0	54.0	-29.8	-	100	310
4176.2	35.00	13.25	-	48.2	-	74.0	54.0	-25.8	-	100	53
4923.8	36.83	12.30	-	49.1	-	74.0	54.0	-24.9	-	100	313

NOTES:1. Emission level (dBuV/m) = Correction Factor (dB) + Reading value (dBuV).

2. Correction Factor (dB) = Ant. Factor (dB)+Cable loss (dB)

3. The other emission levels were very low against the limit.

4. Margin value = Emission level - Limit value

5. The limit value is defined as per 15.247

6. " * " : Fundamental frequency

4.3 6dB BANDWIDTH MEASUREMENT

4.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The Limit of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
ROHDE & SCHWARZ TEST RECEIVER	ESMI	839379/002	Aug. 04, 2001
HP ATTENUATOR	8496B	3247A18505	Cal. on use
HP PLOTTER	7475A	2641V27755	N/A

Notes:

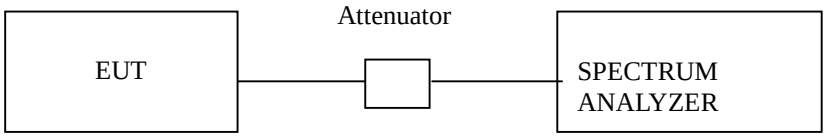
1.The measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.

2.The calibration interval of the above test instruments is 12 months. And the calibrations are traceable to NML/ROC and NIST/USA.

4.3.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100 kHz RBW and 100 kHz VBW. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.

4.3.4 TEST SETUP



For the actual test configuration, please refer to the related Item – Photographs of the Test Configuration.

4.3.5 EUT OPERATING CONDITION

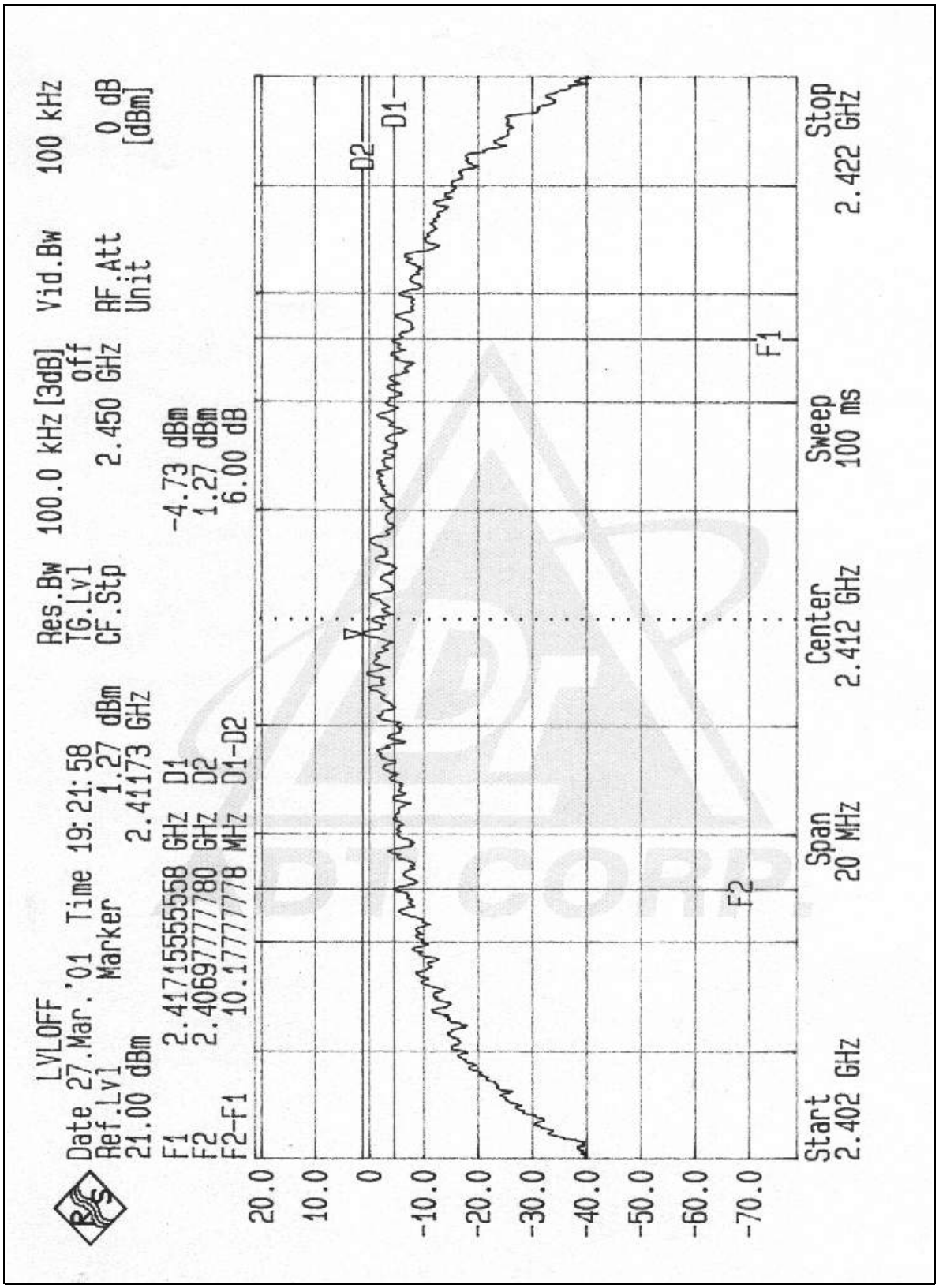
The software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel frequencies individually.

4.3.6 TEST RESULTS

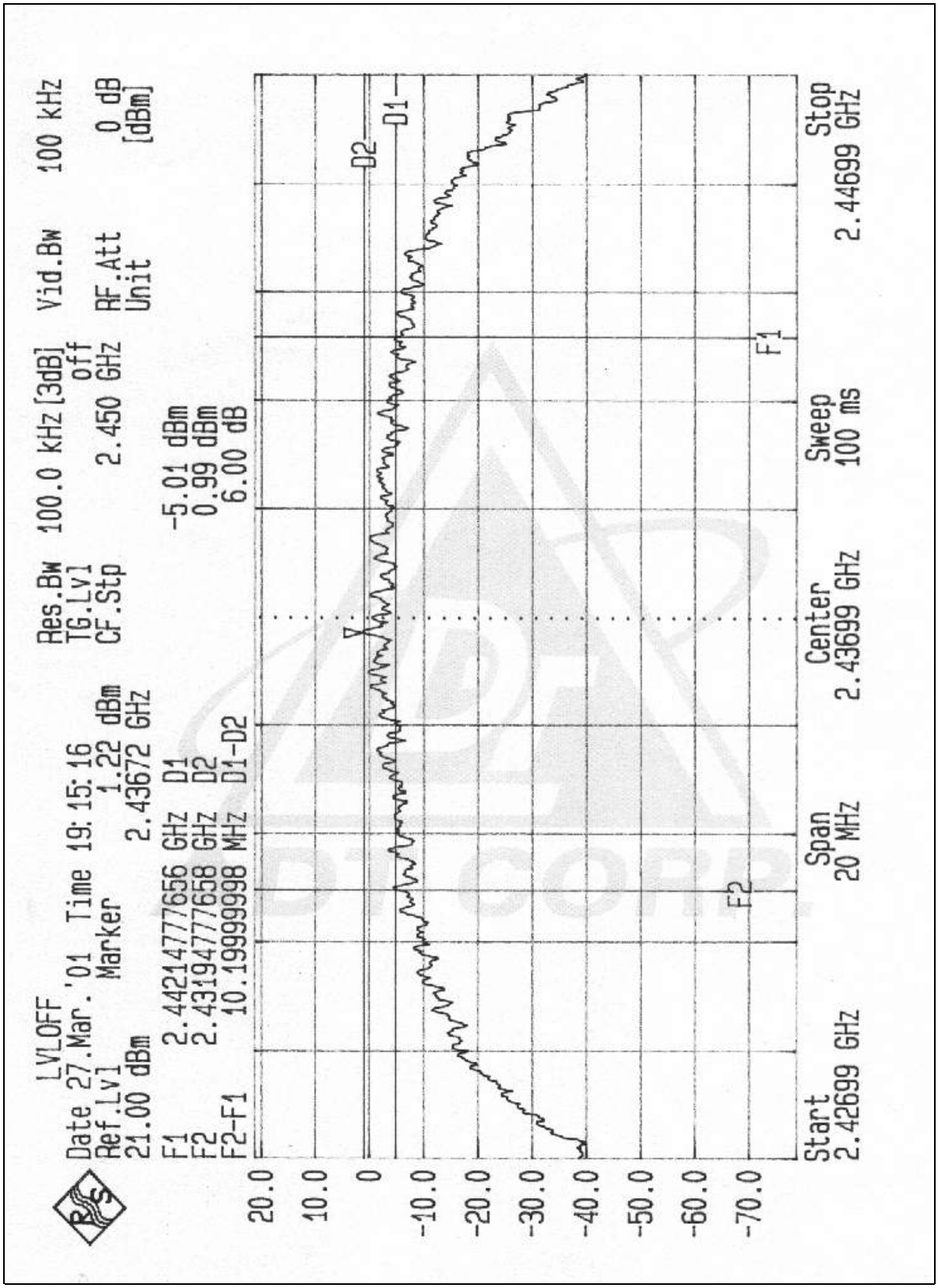
EUT	Access Point 11Mbps	**Model**	GL2411AP-1
Environmental Conditions	24℃, 60%RH	**Tested By**	Steven Lu

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	10.18	0.5	PASS
6	2437	10.20	0.5	PASS
11	2462	10.67	0.5	PASS

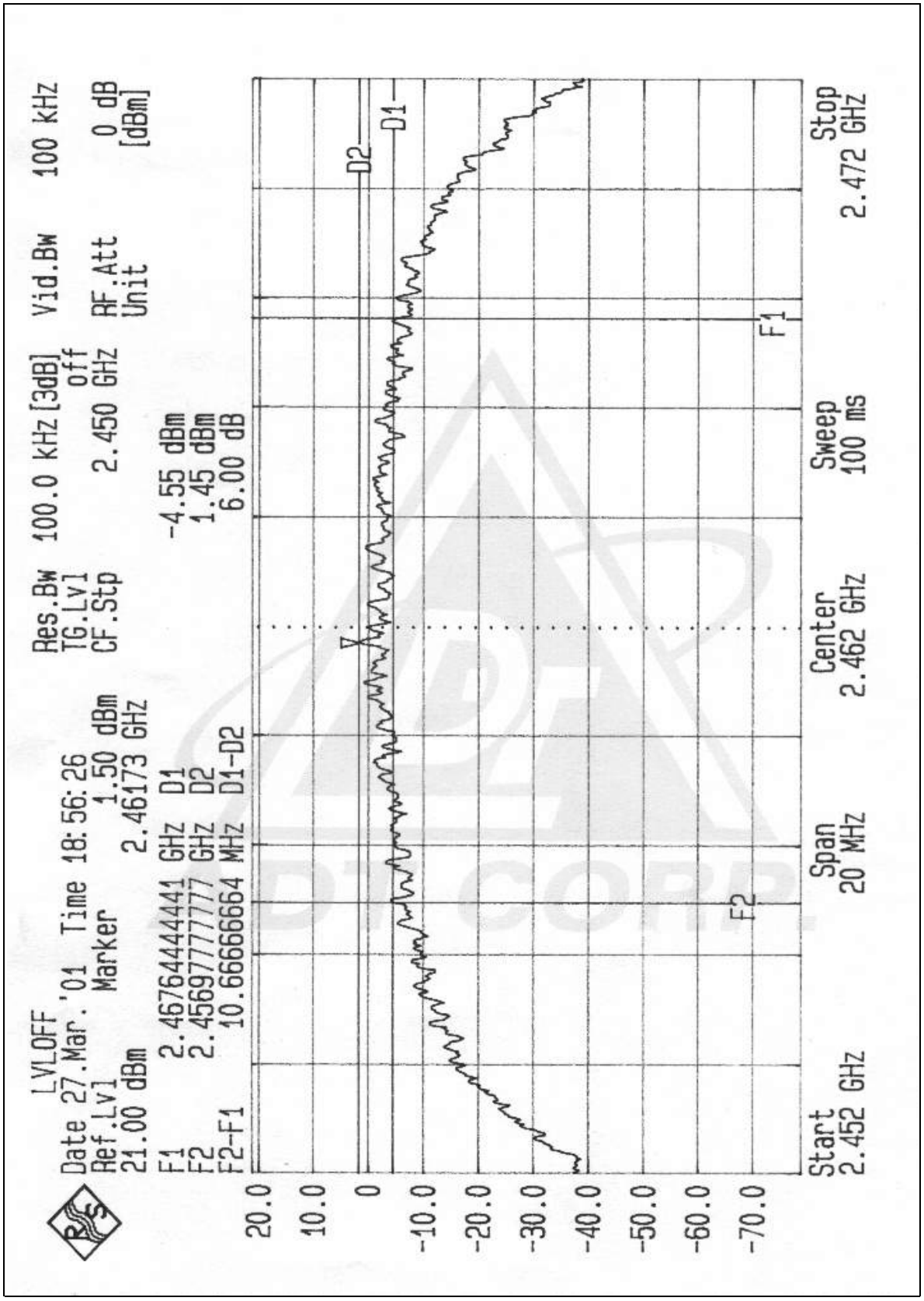
CH1


LVLOFF
Date 27.Mar.'01 Time 19:21:58
Ref.Lvl 1.27 dBm
21.00 dBm Marker 2.41173 GHz
F1 2.417155555558 GHz D1 -4.73 dBm
F2 2.406977777780 GHz D2 1.27 dBm
F2-F1 10.177777778 MHz D1-D2 6.00 dB
Res.Bw 100.0 kHz [3dB] Vid.Bw 100 kHz
TG.Lvl off
CF.Stp 2.450 GHz RF.Att 0 dB
Unit [dBm]
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
D1
D2
F1
F2
Start 2.402 GHz
Span 20 MHz
Center 2.412 GHz
Sweep 100 ms
Stop 2.422 GHz

CH6


LVLOFF
Date 27.Mar.'01 Time 19:15:16
Ref.Lvl 1.22 dBm
21.00 dBm
F1 2.44214777656 GHz D1
F2 2.43194777658 GHz D2
F2-F1 10.19999998 MHz D1-D2
Res.BW 100.0 kHz [3dB]
TG.Lvl off
CF.Stp 2.450 GHz
-5.01 dBm
0.99 dBm
6.00 dB
Vid.Bw 100 kHz
RF.Att 0 dB
Unit [dBm]
D2
D1
F1
F2
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
Start 2.42699 GHz
Span 20 MHz
Center 2.43699 GHz
Sweep 100 ms
Stop 2.44699 GHz

CH11


LVLOFF
Date 27.Mar.'01 Time 18:56:26
Ref.Lvl 1.50 dBm
21.00 dBm Marker 2.46173 GHz
F1 2.467644441 GHz D1 -4.55 dBm
F2 2.456977777 GHz D2 1.45 dBm
F2-F1 10.66666664 MHz D1-D2 6.00 dB
Res.Bw 100.0 kHz [3dB] Vid.Bw 100 kHz
TG.Lvl off
CF.Stp 2.450 GHz RF.Att 0 dB
Unit [dBm]
Start 2.452 GHz
Span 20 MHz
Center 2.462 GHz
Sweep 100 ms
Stop 2.472 GHz
20.0
10.0
0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
D1
D2
F1
F2