



Product Name	Traveler 900	
Model No.	GM-070026/R	
FCC ID	FSUGMZIG	

Applicant	KYE SYSTEMS CORP. (Genius)	
Address	No. 492, Sec. 5, Chung Hsin Rd., San Chung,	
	Taipei Hsien, 24160, Taiwan, R. O. C.	

Date of Receipt	Mar. 21, 2008
Issued Date	May 29, 2008
Report No.	083326R-RFUSP07V01-A
Version	V1.0

The test results relate only to the samples tested.

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Test Report Certification

Issued Date: May 29, 2008

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Product Name	Traveler 900
Applicant	KYE SYSTEMS CORP. (Genius)
Address	No. 492, Sec. 5, Chung Hsin Rd., San Chung, Taipei Hsien,
	24160, Taiwan, R. O. C.
Manufacturer	KYE SYSTEMS CORP. (Genius)
Model No.	GM-070026/R
Rated Voltage	AC 120V/60Hz
Working Voltage	DC 5V (Power by PC)
Trade Name	Genius
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C: 2007
	ANSI C63.4: 2003
Test Result	Complied

Test results relate only to the samples tested.

Tested By

Approved By

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Documented By

(Senior Engineering Adm. Specialist

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Testing Laboratory 0914

(Deputy Manager / Vincent Lin)



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Attachment 1: EUT Test Photographs
Attachment 2: EUT Detailed Photographs



1. GENERAL INFORMATION

1.1. EUT Description

Product Name	Traveler 900
Trade Name	Genius
Model No.	GM-070026/R
FCC ID	FSUGMZIG
Frequency Range	2402~2480MHz
Channel Control	Auto
Channel Separation	3MHz
Antenna Gain	-3dBi
Channel Number	27
Type of Modulation	GFSK
Antenna Type	Printed on PCB

Frequency of Each Channel

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 01:	2402 MHz	Channel 08:	2423 MHz	Channel 15:	2444 MHz	Channel 22:	2465 MHz
Channel 02:	2405 MHz	Channel 09:	2426 MHz	Channel 16:	2447 MHz	Channel 23:	2468 MHz
Channel 03:	2408 MHz	Channel 10:	2429 MHz	Channel 17:	2450 MHz	Channel 24:	2471 MHz
Channel 04:	2411 MHz	Channel 11:	2432 MHz	Channel 18:	2453 MHz	Channel 25:	2474 MHz
Channel 05:	2414 MHz	Channel 12:	2435 MHz	Channel 19:	2456 MHz	Channel 26:	2477 MHz
Channel 06:	2417 MHz	Channel 13:	2438 MHz	Channel 20:	2459 MHz	Channel 27:	2480 MHz
Channel 07:	2420 MHz	Channel 14:	2441 MHz	Channel 21:	2462 MHz		

- 1. The EUT is a Traveler 900 with a built-in 2.4GHz transceiver.
- 2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
- 3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
- 4. These tests are conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.249 for spread spectrum devices.
- 5. Part 15 Subpart B compliance for spread spectrum devices is shown on the report no. 083326R-RFUSP01V02.
- 6. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.



1.2. Operational Description

The EUT is 2.4GHz Wireless Dongle Receiver built-in 2.4GHz transceiver. The operation frequency is from 2402 MHz to 2480MHz with GFSK modulation. The signal will be transmitted through 2.4 GHz RF signal from the Printed on PCB antenna. DC 5V (via USB) shall be provided for EUT operation.

Test Mode
Test Mode



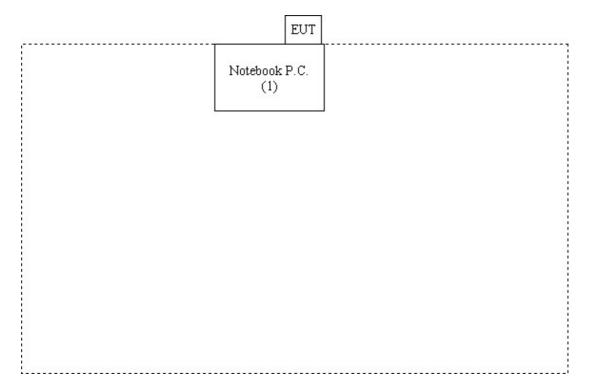
1.3. Tested System Datails

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Pro	duct	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	PPT	N/A	Non-Shielded, 1.8m

Signal Cable Type		Signal cable Description	
Α	N/A	N/A	

1.4. Configuration of Test System



1.5. EUT Exercise Software

(1)	Setup the EUT as shown in section 1.4				
(2)	Execute the RF program (the continuous transmission program) on the EUT				
(3)	Setup the test mode, the test channel, and the data rate.				
(4)	Press OK to start the transmission.				
(5)	Verify that the EUT works correctly.				



1.6. Test Facility

Ambient conditions in the laboratory:

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	20-35
Humidity (%RH)	25-75	50-65
Barometric pressure (mbar)	860-1060	950-1000

Site Description: File on

Federal Communications Commission

FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046

Registration Number: 92195

Accreditation on NVLAP NVLAP Lab Code: 200533-0

Site Name: Quietek Corporation

Site Address: No. 5-22, Ruei-Shu Valley, Ruei-Ping Tsuen,

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FCC Accreditation Number: TW1014







2. Conducted Emission

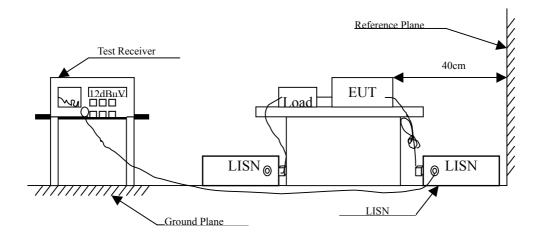
2.1. Test Equipment

The following test equipment are used during the conducted emission test:

Item	Instrument	Manufacturer	Type No./Serial No	Last Cal.	Remark
1	Test Receiver	R&S	ESCS 30/825442/17	May, 2008	
2	L.I.S.N.	R&S	ESH3-Z5/825016/6	May, 2008	EUT
3	L.I.S.N.	Kyoritsu	KNW-407/8-1420-3	May, 2008	Peripherals
4	Pulse Limiter	R&S	ESH3-Z2	May, 2008	
5	No.1 Shielded Ro	om		N/A	

Note: All instruments are calibrated every one year.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBuV) Limit						
Frequency	Limits					
MHz	QP	AV				
0.15 - 0.50	66-56 _([±])	56-46 _(it)				
0.50-5.0	56	46				
5.0 - 30	60	50				



2.4. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.) Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2003 on conducted measurement. Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Uncertainty

+ 2.26 dB



2.6. Test Result of Conducted Emission

Product : Traveler 900

Test Item : Conducted Emission Test

Power Line : Line 1

Test Mode : Mode 1: Transmitter (2447 MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 1					
Quasi-Peak					
0.177	9.858	35.440	45.298	-19.931	65.229
0.338	9.840	32.410	42.250	-18.379	60.629
0.697	9.820	13.900	23.720	-32.280	56.000
1.763	9.840	20.320	30.160	-25.840	56.000
5.127	9.870	14.170	24.040	-35.960	60.000
10.435	9.930	5.270	15.200	-44.800	60.000
Average					
0.177	9.858	22.410	32.268	-22.961	55.229
0.338	9.840	24.630	34.470	-16.159	50.629
0.697	9.820	6.230	16.050	-29.950	46.000
1.763	9.840	10.310	20.150	-25.850	46.000
5.127	9.870	5.540	15.410	-34.590	50.000
10.435	9.930	-1.070	8.860	-41.140	50.000

- 1. All Reading Levels are Quasi-Peak and average value.
- 2. " " means the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor



Test Item : Conducted Emission Test

Power Line : Line 2

Test Mode : Mode 1: Transmitter (2447 MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV	dB	dBuV
LINE 2					
Quasi-Peak					
0.173	9.865	34.550	44.415	-20.928	65.343
0.236	9.860	33.360	43.220	-20.323	63.543
0.361	9.843	24.770	34.613	-25.358	59.971
1.470	9.830	13.610	23.440	-32.560	56.000
2.775	9.850	11.280	21.130	-34.870	56.000
15.709	10.240	11.640	21.880	-38.120	60.000
Average					
0.173	9.865	19.080	28.945	-26.398	55.343
0.236	9.860	18.970	28.830	-24.713	53.543
0.361	9.843	14.280	24.123	-25.848	49.971
1.470	9.830	3.380	13.210	-32.790	46.000
2.775	9.850	2.720	12.570	-33.430	46.000
15.709	10.240	3.460	13.700	-36.300	50.000

- 1. All Reading Levels are Quasi-Peak and average value.
- 2. " " means the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor



3. Radiated Emission

3.1. Test Equipment

The following test equipment are used during the radiated emission test:

Test Site		Equipment	Manufacturer	Model No./Serial No.	Last Cal.
☐Site # 1		Test Receiver	R&S	ESVS 10 / 834468/003	May, 2008
		Spectrum Analyzer	Advantest	R3162/ 00803480	May, 2008
		Pre-Amplifier	Advantest	BB525C/ 3307A01812	May, 2008
		Bilog Antenna	SCHAFFNER	CBL6112B / 2697	Sep., 2007
☐Site # 2		Test Receiver	R&S	ESCS 30 / 836858 / 022	May, 2008
		Spectrum Analyzer	Advantest	R3162 / 100803466	May, 2008
		Pre-Amplifier	Advantest	BB525C/3307A01814	May, 2008
		Bilog Antenna	SCHAFFNER	CBL6112B / 2705	May, 2007
		Horn Antenna	ETS	3115 / 0005-6160	Sep., 2007
		Pre-Amplifier	QTK	QTK-AMP-01/ 0001	May, 2008
⊠Site # 3	Χ	Test Receiver	R&S	ESI 26 / 838786/004	May, 2008
	Χ	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2008
	Χ	Bilog Antenna	SCHAFFNER	CBL6112B / 2697	May, 2008
	Χ	Horn Antenna	Schwarzbeck	BBHA9120D / 305, 306	July, 2007
	Χ	Horn Antenna	Schwarzbeck	BBHA9170 / 208, 209	July, 2007
	Χ	Pre-Amplifier	QTK	QTK-AMP-01 / 0001	July, 2007
	X	Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2008
	Χ	Pre-Amplifier	HP	8449B / 3008A01123	July, 2007

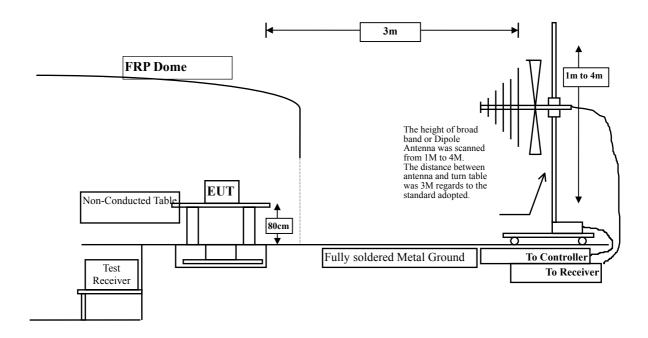
Note: 1. All equipments are calibrated every one year.

2. Test equipments marked by "X" are used to measure the final test results.

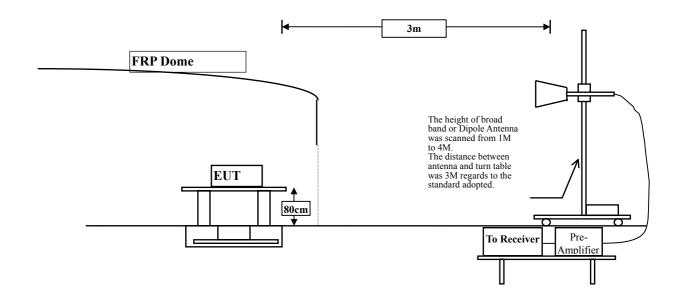


3.2. Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz





3.3. Limits

➤ General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209(a) Limits						
Frequency MHz uV/m @3m dBuV/m@3m						
30-88	100	40				
88-216	150	43.5				
216-960	200	46				
Above 960	500	54				

Remarks: E field strength $(dBuV/m) = 20 \log E$ field strength (uV/m)

3.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.249 requirements. The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4: 2003 on radiated measurement.

The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

Radiated emission measurements below 1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement. The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB beamwidth of the antenna.



The worst radiated emission is measured on the Final Measurement.

The frequency range from is checked.

3.5. Uncertainty

- ± 3.9 dB above 1GHz
- ± 3.8 dB below 1GHz



3.6. Test Result of Radiated Emission

Product : Traveler 900

Test Item : Fundamental Radiated Emission

Test Site : No.3OATS

Test Mode : Mode 1: Transmitter (2402MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					_
Peak Detector:					
Channel 01					
2402.000	-2.318	83.560	81.242	-32.758	114.000
Average Detector					
2402.000	-2.318	64.260	61.942	-32.058	94.000
Vertical					
Peak Detector:					
Channel 01					
2402.000	-2.318	77.450	75.132	-38.868	114.000
Average Detector					
2402.000	-2.318	58.950	56.632	-37.368	94.000

- 1. Measurement Level = Reading Level + Correct Factor.
- 2. Correct Factor = Antenna Factor + Cable Loss PreAMP.



Test Item : Fundamental Radiated Emission

Test Site : No.3OATS

Test Mode : Mode 1: Transmitter (2447MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
Channel 16					
2447.000	-2.096	84.890	82.793	-31.207	114.000
Average Detector					
2447.000	-2.096	64.390	62.294	-31.706	94.000
Vertical					
Peak Detector:					
Channel 16					
2447.000	-2.096	79.060	76.963	-37.037	114.000
Average Detector					
2447.000	-2.096	60.060	57.964	-36.036	94.000

- 1. Measurement Level = Reading Level + Correct Factor.
- 2. Correct Factor = Antenna Factor + Cable Loss PreAMP.



Test Item : Fundamental Radiated Emission

Test Site : No.3OATS

Test Mode : Mode 1: Transmitter (2480MHz)

Frequency	Correct Factor	Reading Level	Measurement Level	Margin	Limit
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
Channel 27					
2480.000	-1.952	86.990	85.039	-28.961	114.000
Average Detector					
2480.000	-1.952	67.790	65.838	-28.162	94.000
Vertical					
Peak Detector:					
Channel 27					
2480.000	-1.952	81.360	79.409	-34.591	114.000
Average Detector					
2480.000	-1.952	62.960	61.008	-32.992	94.000

- 1. Measurement Level = Reading Level + Correct Factor.
- 2. Correct Factor = Antenna Factor + Cable Loss PreAMP.



Test Item : Harmonic Radiated Emission Data

Test Site : No.3 OATS

Test Mode : Mode 1: Transmitter (2402MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4804.000	3.663	43.600	47.263	-26.707	74.000
7206.000	9.357	38.760	48.116	-25.854	74.000
9608.000	11.842	36.410	48.252	-25.718	74.000
Average Detector:					
Vertical					
Peak Detector:					
4804.000	3.663	39.730	43.393	-30.577	74.000
7206.000	9.357	39.480	48.836	-25.134	74.000
9608.000	11.842	35.220	47.062	-26.908	74.000

Average Detector:

--

- 1. The reading levels below 1GHz and above 1GHz are quasi-peak values and peak/average values, respectively.
- 2. Receiver setting (Peak Detector): RBW:1MHz; VBW:1MHz; Span:10MHz •
- 3. Receiver setting (AVG Detector): RBW:1MHz; VBW:30Hz; Span:10MHz •
- 4. Emission Level = Reading Level + Correct Factor.
- 5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.



Test Item : Harmonic Radiated Emission Data

Test Site : No.3 OATS

Test Mode : Mode 1: Transmitter (2447 MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4894.000	3.972	43.040	47.013	-26.957	74.000
7341.000	9.715	38.060	47.774	-26.196	74.000
9788.000	11.795	36.650	48.444	-25.526	74.000
Average Detector:					
Vertical					
Peak Detector:					
4894.000	3.972	40.520	44.493	-29.477	74.000
7341.000	9.715	39.530	49.244	-24.726	74.000
9788.000	11.795	36.550	48.344	-25.626	74.000

Average Detector:

--

- 1. The reading levels below 1GHz and above 1GHz are quasi-peak values and peak/average values, respectively.
- 2. Receiver setting (Peak Detector): RBW:1MHz; VBW:1MHz; Span:10MHz •
- 3. Receiver setting (AVG Detector): RBW:1MHz; VBW:30Hz; Span:10MHz •
- 4. Emission Level = Reading Level + Correct Factor.
- 5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.



Test Item : Harmonic Radiated Emission Data

Test Site : No.3 OATS

Test Mode : Mode 1: Transmitter (2480 MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
Peak Detector:					
4960.000	4.197	42.040	46.236	-27.734	74.000
7440.000	9.951	36.400	46.351	-27.619	74.000
9920.000	11.856	36.150	48.006	-25.964	74.000
Average Detector:					
Vertical					
Peak Detector:					
4960.000	4.197	39.750	43.946	-30.024	74.000
7440.000	9.951	39.100	49.051	-24.919	74.000
9920.000	11.856	36.020	47.876	-26.094	74.000

Average Detector:

--

- 1. The reading levels below 1GHz and above 1GHz are quasi-peak values and peak/average values, respectively.
- 2. Receiver setting (Peak Detector): RBW:1MHz; VBW:1MHz; Span:10MHz •
- 3. Receiver setting (AVG Detector): RBW:1MHz; VBW:30Hz; Span:10MHz •
- 4. Emission Level = Reading Level + Correct Factor.
- 5. The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.



Test Item : General Radiated Emission Data

Test Site : No.3 OATS

Test Mode : Mode 1: Transmitter (2447 MHz)

Frequency	Correct	Reading	Measurement	Margin	Limit
	Factor	Level	Level		
MHz	dB	dBuV	dBuV/m	dB	dBuV/m
Horizontal					
602.300	20.180	10.241	30.421	-15.579	46.000
699.300	20.753	10.722	31.475	-14.525	46.000
767.200	22.117	10.587	32.704	-13.296	46.000
833.160	21.825	9.441	31.266	-14.734	46.000
901.060	22.050	9.483	31.533	-14.467	46.000
965.080	23.329	7.844	31.173	-22.827	54.000
Vertical					
528.580	18.993	11.024	30.017	-15.983	46.000
699.300	20.653	9.957	30.610	-15.390	46.000
749.740	23.178	13.172	36.350	-9.650	46.000
802.120	21.729	7.591	29.320	-16.680	46.000
901.060	23.650	5.233	28.883	-17.117	46.000
965.080	22.929	13.876	36.805	-17.195	54.000

- 1. The reading levels below 1GHz are quasi-peak values.
- 2. " means the worst emission level.
- 3. Measurement Level = Reading Level + Correct Factor.
- 4. The radiated emissions below 1GHz of the lowest, middle, highest frequency are pretested. Only the worst case is shown on the report.



4. Band Edge

4.1. Test Equipment

The following test equipments are used during the band edge tests:

	Equipment	Manufacturer	Model No./Serial No.	Last Cal.
X	Test Receiver	R&S	ESI 26 / 838786/004	May, 2008
Χ	Spectrum Analyzer	Agilent	E4407B / US39440758	May, 2008
Χ	Bilog Antenna	SCHAFFNER	CBL6112B / 2697	May, 2008
Χ	Horn Antenna	Schwarzbeck	BBHA9120D / 305, 306	July, 2007
Χ	Horn Antenna	Schwarzbeck	BBHA9170 / 208, 209	July, 2007
Χ	Pre-Amplifier	QTK	QTK-AMP-01 / 0001	July, 2007
Χ	Pre-Amplifier	QTK	QTK-AMP-03 / 0003	May, 2008
Χ	Pre-Amplifier	HP	8449B / 3008A01123	July, 2007

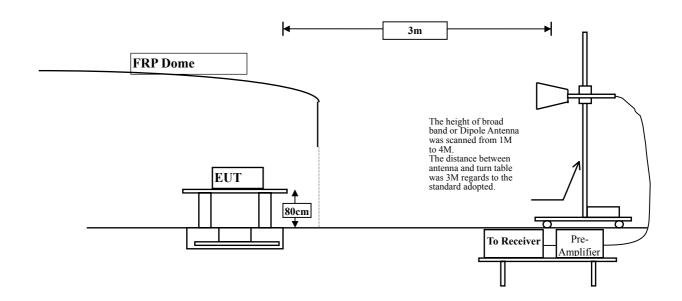
Test Site: Site3

Note: 1. All equipments are calibrated every one year.

2. The test equipments marked by "X" are used to measure the final test results.

4.2. Test Setup

RF Radiated Measurement:





4.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to

ANSI C63.4: 2003 on radiated measurement.

The bandwidth setting below 1GHz and above 1GHz on the field strength meter is 120 kHz and 1MHz, respectively.

4.5. Uncertainty

Conducted is ± 1.27 dB

Radiated is ± 3.9 dB



4.6. Test Result of Band Edge

Product : Traveler 900
Test Item : Band Edge Data
Test Site : No.3 OATS

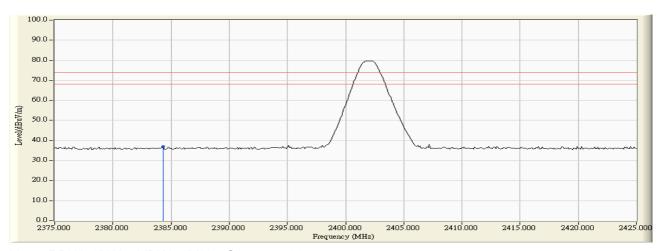
Test Mode : Mode 1: Transmitter

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2384.300	-2.406	39.308	36.903	74.00	54.00	Pass
01(Average)	-				74.00	54.00	Pass

Figure Channel 01:

Horizontal (Peak)





Product : Traveler 900
Test Item : Band Edge Data
Test Site : No.3 OATS

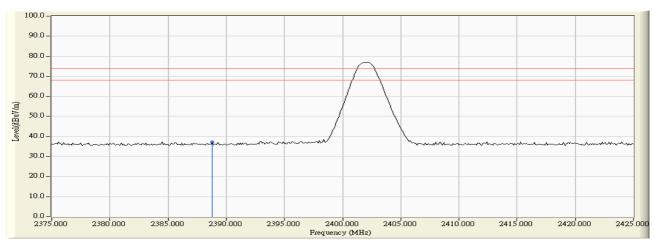
Test Mode : Mode 1: Transmitter

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
01 (Peak)	2388.800	-2.383	39.687	37.304	74.00	54.00	Pass
01 (Average)	1				74.00	54.00	Pass

Figure Channel 01:

Vertical (Peak)





Product : Traveler 900
Test Item : Band Edge Data
Test Site : No.3 OATS

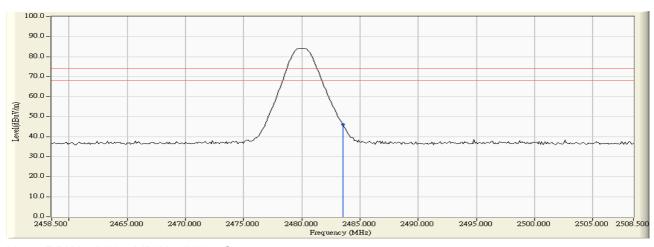
Test Mode : Mode 1: Transmitter

RF Radiated Measurement (Horizontal):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
79(Peak)	2483.500	-1.937	48.135	46.198	74.00	54.00	Pass
79(Average)	-	-			74.00	54.00	Pass

Figure Channel 79:

Horizontal (Peak)





Product : Traveler 900
Test Item : Band Edge Data
Test Site : No.3 OATS

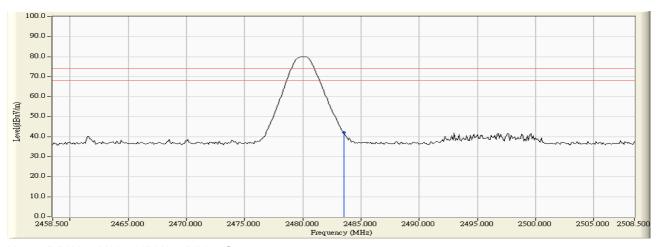
Test Mode : Mode 1: Transmitter

RF Radiated Measurement (Vertical):

Channel No.	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Emission Level (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result
79(Peak)	2483.500	-1.937	43.922	41.985	74.00	54.00	Pass
79(Average)					74.00	54.00	Pass

Figure Channel 79:

Vertical (Peak)





5. EMI Reduction Method During Compliance Testing

No modification was made during testing.