







**Produkte**  
*Products*

<b>Prüfbericht - Nr.: 14045200 001</b> <i>Test Report No.:</i>			<b>Seite 1 von 18</b> <i>Page 1 of 18</i>																				
<b>Auftraggeber:</b> <i>Client:</i>			<b>Sensibo LTD.</b> <b>3 Ahuzat Bait, Tel Aviv</b> <b>Israel, 6514302</b>																				
<b>Gegenstand der Prüfung:</b> <b>WIFI module for air conditioner</b> <i>Test Item:</i>																							
<b>Bezeichnung:</b> <i>Identification:</i>		<b>SEN-CINS-01</b>		<b>Serien-Nr.:</b> <i>Serial No.:</i>																			
<b>Wareneingangs-Nr.:</b> <i>Receipt No.:</i>		<b>A000410287 (002-004)</b>		<b>Eingangsdatum:</b> <b>16.08.2016</b> <i>Date of Receipt:</i>																			
<b>Prüfart:</b> <i>Testing Location:</i>		<b>TÜV Rheinland Hong Kong Ltd.</b> <b>8/F, First Group Centre, 14 Wang Tai Road, Kowloon Bay, Kowloon, Hong Kong</b> <b>Hong Kong Productivity Council</b> <b>HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong</b>																					
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of test item at delivery:</i>			Test samples are not damaged and suitable for testing.																				
<b>Prüfgrundlage:</b> <i>Test Specification:</i>		<b>FCC Part 15 Subpart B</b> <b>FCC Part 15 Subpart C</b> <b>ANSI C63.4-2014</b> <b>ANSI C63.10-2013</b>																					
<b>Prüfergebnis:</b> <i>Test Results:</i>		<b>Das vorstehend beschriebene Gerät wurde geprüft und entspricht oben genannter Prüfgrundlage.</b>  The above mentioned product was tested and <b>passed</b> .																					
<b>Prüflaboratorium:</b> <i>Testing Laboratory:</i>		<b>TÜV Rheinland Hong Kong Ltd.</b> <b>8 - 10/F., Goldin Financial Global Square, 7 Wang Tai Road, Kowloon Bay, Kowloon, Hong Kong</b>																					
<table style="width: 100%; border: none;"> <tr> <td colspan="3" style="border: none;"><b>geprüft/ tested by:</b></td> <td colspan="3" style="border: none;"><b>kontrolliert/ reviewed by:</b></td> </tr> <tr> <td style="border: none; text-align: center;">14.10.2016</td> <td style="border: none; text-align: center;">Joey Leung Project Manager</td> <td style="border: none; text-align: center;"></td> <td style="border: none; text-align: center;">14.10.2016</td> <td style="border: none; text-align: center;">Sharon Li Department Manager</td> <td style="border: none; text-align: center;"></td> </tr> <tr> <td style="border: none; text-align: center;"><small>Datum Date</small></td> <td style="border: none; text-align: center;"><small>Name/Stellung Name/Position</small></td> <td style="border: none; text-align: center;"><small>Unterschrift Signature</small></td> <td style="border: none; text-align: center;"><small>Datum Date</small></td> <td style="border: none; text-align: center;"><small>Name/Stellung Name/Position</small></td> <td style="border: none; text-align: center;"><small>Unterschrift Signature</small></td> </tr> </table>						<b>geprüft/ tested by:</b>			<b>kontrolliert/ reviewed by:</b>			14.10.2016	Joey Leung Project Manager		14.10.2016	Sharon Li Department Manager		<small>Datum Date</small>	<small>Name/Stellung Name/Position</small>	<small>Unterschrift Signature</small>	<small>Datum Date</small>	<small>Name/Stellung Name/Position</small>	<small>Unterschrift Signature</small>
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<b>Sonstiges:</b> <i>Other Aspects</i>		<b>FCC ID: 2AHCD-INS-V01</b>																					
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<p><b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b></p> <p><i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i></p>																							

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## Product information

### Manufacturers declarations

	<b>Transceiver</b>
Operating frequency range	2412 - 2462 MHz
Type of modulation	802.11b: DSSS (DBPSK/DQPSK/CCK) 802.11n: OFDM (BPSK/QPSK/16QAM/64QAM)
Number of channels	11
Channel separation	5 MHz
Type of antenna	PCB Antenna
Antenna gain (dBi)	3 dBi
Power level	fix
Type of equipment	stand alone radio device
Connection to public utility power line	No
Nominal voltage	V <sub>nom</sub> : 5 VDC
Independent Operation Modes	Transmitting

### Product function and intended use

The Equipment Under Test (EUT) is a WIFI module which is powered by 5VDC from air conditioner. It supports IEEE 802.11 b/g/n (2.4GHz) wireless communication function.

#### FCC ID: 2AHCD-INS-V01

<b>Models</b>	<b>Product description</b>
SEN-CINS-01	WIFI module for air conditioner

### Submitted documents

Circuit Diagram  
Block Diagram  
Bill of material  
User manual  
Label

### Independent Operation Modes

The basic operation mode is transmitting mode. For further information refer to User Manual

### Related Submittal(s) Grants

This is a single application for certification of the transmitter.

### Remark

The test results in this test report are only relevant to the tested sample and does not involve any assessment in the production.

## Test Set-up and Operation Mode

### Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

### Test Operation and Test Software

Test operation should refer to test methodology.

For Part 15B

- Client provides a test software and connection board to simulate the data transfer scenario. A Faraday's bag was also provide by client to eliminate the emission from the connection board during testing.

For part 15C

- Client provides a test mode sample which programmed with the maximum RF output power and worst case data-rate setting. The test mode sample also programmed to change the modulation and transmitting channel by pressing a button on the EUT. The setting of the RF output power expected by the customer shall be fixed on the firmware of the final end product.
- Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and data rate.

### Special Accessories and Auxiliary Equipment

The following adaptor provided by client was used as power supply for the EUT.

- Brand: Belline
- Model: #390211
- Input: 100-240VAC, 0..25A
- Output: 5.0VDC, 1500mA

### Countermeasures to achieve EMC Compliance

- none

## Test Methodology

### Radiated Emission

The radiated emission measurements of the transmitter part were performed according to the procedures in ANSI C63.10-2013. The radiated emission measurements of the data transfer part were performed according to the procedures in ANSI C63.4-2014.

For measurement below 1GHz, the equipment under test (EUT) was placed at the middle of the 80 cm height turntable. For measurement above 1GHz, the EUT was placed at the middle of the 1.5 m height turntable and RF absorbing material was placed on ground plane between turntable and measuring antenna. During the testing, the EUT was operated standalone and arranged for maximum emissions. The EUT was tested in three orthogonal planes.

The investigation is performed with the EUT rotated 360°, the antenna height scanned between 1m and 4m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations. Repeat the measurement steps until the maximum emissions were obtained.

All radiated tests were performed at an antenna to EUT with 3 meters distance, unless stated otherwise in particular parts of this test report.

### Field Strength Calculation

The field strength at 3 m was established by adding the meter reading of the spectrum analyzer to the factors associated with antenna correction factor, cable loss, preamplifiers and filter attenuation.

The equation is expressed as follow:

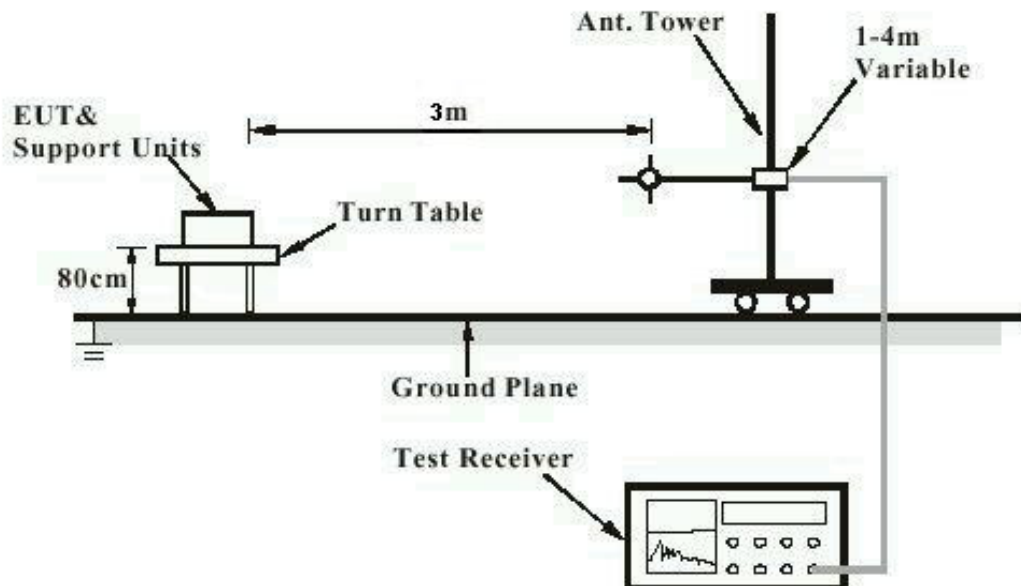
$$FS = R + AF + CF + FA - PA$$

Where FS = Field Strength in dBuV/m at 3 meters.  
R = Reading of Spectrum Analyzer in dBuV.  
AF = Antenna Factor in dB.  
CF = Cable Attenuation Factor in dB.  
FA = Filter Attenuation Factor in dB.  
PA = Preamplifier Factor in dB.

FA and PA are only be used for the measuring frequency above 1 GHz.

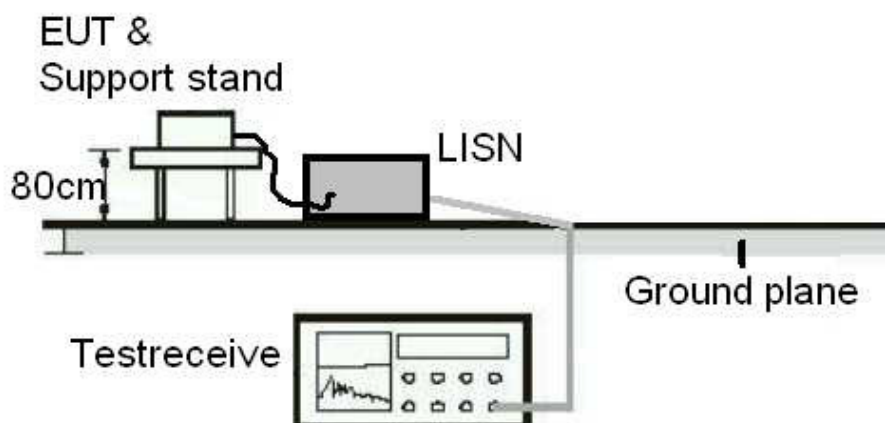
## Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

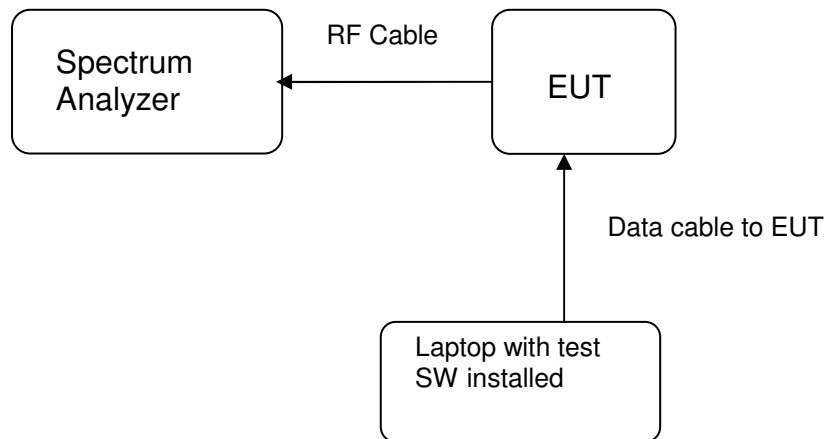


**Note:** Measurements above 1 GHz are done with a table height of 1.5m. In addition, there is RF absorbing material on the floor of the test site for above 1GHz measurement.

Diagram of Measurement Equipment Configuration for Mains Conduction Measurement (if applicable)



**Diagram of Equipment Configuration for Antenna-port Conducted Measurement (if applicable)**





## List of Test and Measurement Instruments

**Hong Kong Productivity Council (Registration number: 90656)**

### Radiated Emission

Equipment	Manufacturer	Type	S/N	Cal. Date	Due Date
Semi-anechoic Chamber	Frankonia	Nil	Nil	25 Apr 2016	25 Apr 2017
Cable	Hubersuhner	SUCOFLEX 104	72799 /6	31 Mar 2016	31 Mar 2018
Test Receiver	R & S	ESU26	100190	07 Dec 2015	07 Dec 2016
Bi-conical Antenna	R & S	HK116	100241	01 Sep 2015	01 Sep 2017
Log Periodic Antenna	R & S	HL223	841516/017	01 Sep 2015	01 Sep 2017
Coaxial cable	Harbour	LL335	N/A	10 Jun 2016	10 Jun 2018
Microwave amplifier 0.5-26.5GHz, 25dB gain	HP	83017A	3950M00241	18 Jul 2016	18 Jul 2018
High Pass Filter (cutoff freq. =1000MHz)	Trilithic	23042	9829213	28 Oct 2015	28 Oct 2017
Horn Antenna	EMCO	3115	9002-3347	26 Aug 2015	26 Aug 2017
Active Loop Antenna	EMCO	6502	9107-2651	15 Aug 2015	15 Nov 2016

### TÜV Rheinland Hong Kong Ltd

#### Radio Test

Equipment	Manufacturer	Type	S/N	Cal. Date	Due Date
Spectrum Analyzer	R & S	FSP30	100610	19 Jan 2016	19 Jan 2017

## Measurement Uncertainty

The estimated combined standard uncertainty for power-line conducted emissions measurements is  $\pm 3.43\text{dB}$ .

The estimated combined standard uncertainty for radiated emissions measurements is  $\pm 5.10\text{dB}$  (30MHz to 200MHz) and  $\pm 5.08\text{dB}$  (200MHz to 1000MHz) and is  $\pm 5.10\text{dB}$  (30MHz to 200MHz) and  $\pm 5.08\text{dB}$  (above 1GHz).

The estimated combined standard uncertainty for antenna conducted emission is  $\pm 1.56\text{dB}$

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of  $k=2$ , which for the level of confidence is approximately 95%.

## Results FCC Part 15 – Subpart B

<b>FCC 15.107 – Conducted Emission on AC Mains</b>	<b>N/A</b>
There is no AC power input or output ports on the EUT.	

FCC 15.109 – Radiated Emissions		Pass
Test Specification : ANSI C63.4-2014 Mode of operation : Data transfer mode Port of testing : Enclosure Detector : Quasi-Peak RBW/VBW : 120 kHz for f < 1 GHz Supply voltage : 5VDC by external power supply Frequency range : 30MHz – 1GHz Temperature : 23°C Humidity : 50%		
Requirement:	The field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the radiated limits shown in §15.109(a).	
Results:	Pass	
Vertical Polarization		
Freq MHz	Level dBuV/m	Limit dBuV/m
No peak found	---	40.0
Horizontal Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
95.952	40.4	43.5
399.809	39.0	46.0

## Results FCC Part 15 – Subpart C

FCC 15.203 – Antenna Requirement 1		Pass
<b>FCC Requirement:</b> No antenna other than that furnished by the responsible party shall be used with the device		
<b>Results:</b>	a) Antenna type: Integral PCB antenna b) Manufacturer and model no: N/A c) Peak Gain: 3 dBi	
<b>Verdict:</b>	Pass	

FCC 15.204 – Antenna Requirement 2		N/A
<b>FCC Requirement:</b> An intentional radiator may be operated only with the antenna with which it is authorized. If an antenna is marketed with the intentional radiator, it shall be of a type which is authorized with the intentional radiator.		
<b>Results:</b>	Only one integral antenna can be used.	
<b>Verdict:</b>	N/A	

FCC 15.207 – Conducted Emission on AC Mains		N/A
There is no AC power input or output ports on the EUT.		

FCC 15.247 (a)(2) – 6dB Bandwidth Measurement		Pass	
<b>FCC Requirement:</b> Systems using digital modulation techniques may operate in the 902 – 928 MHz, 2400 – 2483.5 MHz, and 5725 – 5850 MHz bands. The minimum 6dB bandwidth shall be at least 500kHz.			
Test Specification : KDB 558074 D01 v03r05 (Clause 8.1) Port of testing : Temporary antenna port Mode of operation : TX mode Detector : Peak RBW/VBW : 100KHz/ 300KHz Supply voltage : 5VDC by external power supply Temperature : 23°C Humidity : 50%			
<b>Results:</b> For test protocols please refer to Appendix 1			
802.11B			
Channel frequency (MHz)	6 dB left (MHz)	6 dB right (MHz)	6dB bandwidth (MHz)
2412	2406.850	2416.850	10.00
2437	2431.850	2441.850	10.00
2462	2456.850	2466.850	10.00

802.11G			
Channel frequency (MHz)	6 dB left (MHz)	6 dB right (MHz)	6dB bandwidth (MHz)
2412	2404.350	2419.550	15.20
2437	2429.350	2444.550	15.20
2462	2454.350	2469.550	15.20
802.11N			
Channel frequency (MHz)	6 dB left (MHz)	6 dB right (MHz)	6dB bandwidth (kHz)
2412	2404.350	2419.550	15.20
2437	2429.300	2444.550	15.25
2462	2454.350	2469.550	15.20

FCC 15.247(b)(3) – Maximum Conducted (Average) Output Power			Pass
<b>FCC Requirement:</b> For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850MHz bands: 1 Watt (30dBm)			
Test Specification : KDB 558074 D01 v03r05 (Clause 9.2.2.6) Port of testing : Temporary antenna port Mode of operation : TX mode Detector : RMS Supply voltage : 5VDC by external power supply Duty Cycle : 56% - 69% Temperature : 23°C Humidity : 50%			
<b>Results:</b> For test protocols please refer to Appendix 1			
802.11B			
Frequency (MHz)	Measured Output Power (dBm)	Limit (W/dBm)	Verdict
2412	11.63	1 / 30.0	Pass
2437	12.94	1 / 30.0	Pass
2462	13.32	1 / 30.0	Pass
802.11G			
Frequency (MHz)	Measured Output Power (dBm)	Limit (W/dBm)	Verdict
2412	10.95	1 / 30.0	Pass
2437	13.70	1 / 30.0	Pass
2462	12.27	1 / 30.0	Pass
802.11N			
Frequency (MHz)	Measured Output Power (dBm)	Limit (W/dBm)	Verdict
2412	9.90	1 / 30.0	Pass
2437	12.74	1 / 30.0	Pass
2462	11.28	1 / 30.0	Pass

<b>FCC 15.247(e) – Power Spectral Density</b>			<b>Pass</b>
<b>FCC Requirement:</b> For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.			
Test Specification : KDB 558074 D01 v03r05 (Clause 10.7) Port of testing : Temporary antenna port Mode of operation : TX mode Detector : RMS RBW/VBW : 100 KHz / $\geq 3 \times \text{RBW}$ Span : $\geq 1.5 \times \text{OBW}$ Supply voltage : 5VDC by external power supply Temperature : 23°C Humidity : 50%			
<b>Results:</b> For test protocols please refer to Appendix 1.			
<b>802.11B</b>			
Operating Frequency (MHz)	Measured Power Density (dBm)	Limit (dBm)	Verdict
2412	-2.13	8.0	Pass
2437	-0.82	8.0	Pass
2462	-0.53	8.0	Pass
<b>802.11G</b>			
Operating Frequency (MHz)	Measured Power Density (dBm)	Limit (dBm)	Verdict
2412	-3.67	8.0	Pass
2437	-0.82	8.0	Pass
2462	-2.29	8.0	Pass
<b>802.11N</b>			
Operating Frequency (MHz)	Measured Power Density (dBm)	Limit (dBm)	Verdict
2412	-5.62	8.0	Pass
2437	-3.24	8.0	Pass
2462	-3.97	8.0	Pass

FCC 15.247(d) – Spurious Conducted Emissions					Pass
Test Specification : KDB 558074 D01 v03r05 (Clause 11.0) Mode of operation : TX mode Port of testing : Temporary antenna port Detector : Peak RBW/VBW : 100 kHz / 300 kHz Supply voltage : 5VDC by external power supply Temperature : 23 °C Humidity : 50 %					
<b>FCC Requirement:</b> In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.					
<b>Results:</b> Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and data rate.  Only the worst cases is shown below. For test protocols refer to Appendix 1					
802.11B					
Operating frequency (MHz)	Spurious frequency (MHz)	Spurious Level (dBm)	Reference value (dBm)	Delta (dB)	Verdict
2412	2396.400	-42.51	-1.78	40.73	Pass
2437	9280.000	-49.06	-0.41	48.65	Pass
2462	2487.500	-48.60	-0.01	48.59	Pass
802.11G					
Operating frequency (MHz)	Spurious frequency (MHz)	Spurious Level (dBm)	Reference value (dBm)	Delta (dB)	Verdict
2412	2400.000	-35.95	-3.67	32.28	Pass
2437	7440.000	-49.74	-0.64	49.10	Pass
2462	2484.300	-46.16	-2.13	44.03	Pass
802.11N					
Operating frequency (MHz)	Spurious frequency (MHz)	Spurious Level (dBm)	Reference value (dBm)	Delta (dB)	Verdict
2412	2400.000	-35.48	-3.87	31.61	Pass
2437	9260.000	-49.92	-0.76	49.16	Pass
2462	2483.600	-45.90	-2.14	43.76	Pass

<b>FCC 15.205 – Radiated Emissions in Restricted Frequency Bands</b>		<b>Pass</b>
Test Specification : ANSI C63.10 – 2013 Mode of operation : TX mode Port of testing : Enclosure Detector : Peak RBW/VBW : 100 kHz / 300 kHz for $f < 1$ GHz 1 MHz / 3 MHz for $f > 1$ GHz Supply voltage : 5VDC by external power supply Temperature : 23°C Humidity : 50%		
<b>FCC Requirement:</b> In any 100kHz bandwidth outside the frequency band at least 20dB below the highest level of the desired power. 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 15.205(c).		
<b>Results:</b> Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations and data rate.  All three transmit frequency modes comply with the field strength within the restricted bands. There is no spurious found below 30MHz.		
Mode: 802.11B 2412MHz TX		Vertical Polarization
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4019.551	63.11	74.0 / P
4020.673	43.76	54.0 / A
2389.872	48.97	74.0 / P
2333.205	33.98	54.0 / A
Mode: 802.11B 2412MHz TX		Horizontal Polarization
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4020.272	57.04	74.0 / P
4020.833	40.93	54.0 / A
2379.103	53.03	74.0 / P
2333.205	35.56	54.0 / A
Mode: 802.11B 2437 MHz TX		Vertical Polarization
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4063.141	62.76	74.0 / P
4060.737	43.53	54.0 / A
Mode: 802.11B 2437 MHz TX		Horizontal Polarization
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4060.497	56.33	74.0 / P
4062.179	40.39	54.0 / A



Mode: 802.11B 2462MHz TX			Vertical Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4104.920	59.91	74.0 / P	4104.119	42.30	54.0 / A
2487.731	47.85	74.0 / P	2487.863	32.18	54.0 / A
Mode: 802.11B 2462 MHz TX			Horizontal Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4101.795	56.12	74.0 / P	4102.436	40.22	54.0 / A
2485.351	51.53	74.0 / P	2486.990	35.37	54.0 / A
Mode: 802.11G 2412MHz TX			Vertical Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4021.074	62.38	74.0 / P	4021.234	41.14	54.0 / A
2390.000	53.61	74.0 / P	2390.000	34.53	54.0 / A
Mode: 802.11G 2412MHz TX			Horizontal Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4019.391	55.06	74.0 / P	4018.109	39.13	54.0 / A
2390.000	60.17	74.0 / P	2390.000	39.67	54.0 / A
Mode: 802.11G 2437 MHz TX			Vertical Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4058.974	61.54	74.0 / P	4060.176	40.87	54.0 / A
Mode: 802.11G 2437 MHz TX			Horizontal Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4065.785	55.59	74.0 / P	4060.096	39.40	54.0 / A
Mode: 802.11G 2462MHz TX			Vertical Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4104.215	60.20	74.0 / P	4101.731	40.40	54.0 / A
2483.500	57.20	74.0 / P	2483.500	34.71	54.0 / A

Mode: 802.11G 2462 MHz TX			Horizontal Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4102.612	55.01	74.0 / P	4101.811	39.05	54.0 / A
2483.500	63.53	74.0 / P	2483.660	39.73	54.0 / A
Mode: 802.11N 2412MHz TX			Vertical Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4021.362	60.99	74.0 / P	4020.962	40.80	54.0 / A
2390.000	55.77	74.0 / P	2390.000	33.05	54.0 / A
Mode: 802.11N 2412MHz TX			Horizontal Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4021.282	54.35	74.0 / P	4021.042	39.01	54.0 / A
2390.000	57.26	74.0 / P	2390.000	38.93	54.0 / A
Mode: 802.11N 2437 MHz TX			Vertical Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4063.157	60.34	74.0 / P	4062.837	40.65	54.0 / A
Mode: 802.11N 2437 MHz TX			Horizontal Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4059.471	54.47	74.0 / P	4060.353	39.07	54.0 / A
Mode: 802.11N 2462MHz TX			Vertical Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4101.138	60.55	74.0 / P	4104.423	40.45	54.0 / A
2483.500	59.43	74.0 / P	2483.500	35.08	54.0 / A
Mode: 802.11N 2462 MHz TX			Horizontal Polarization		
Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m	Freq MHz	Level dBuV/m	Limit/ Detector dBuV/m
4099.696	53.36	74.0 / P	4099.615	38.52	54.0 / A
2483.500	63.80	74.0 / P	2483.500	40.05	54.0 / A