TEST REPORT

For WiFi-2.4GHz Band

Report No::	CHTEW22120019	Report Verification:
Project No:	SHT2112010901EW	
FCC ID:	2ALV5-SE-200PB	Enter Control Control
Applicant's name::	Origins Technology Limite	ed
Address:	603 6/F, Laws Commercial I Hong Kong	Plaza, 788 Cheung Sha Wan Road,
Product Name:	Kaiterra Sensedge Mini Ai	r Quality Monitor
Trade Mark:	Kaiterra	
Model No:	SE-200PB	
Listed Model(s):	SE-200B	
Standard::	FCC CFR Title 47 Part 15 S	Subpart C Section 15.247
Date of receipt of test sample:	Dec.17, 2021	
Date of testing	Dec.17, 2021- Dec.02, 2022	
Date of issue:	Dec.05, 2022	
Result:	PASS	
Compiled by		Saghai The
(position+printed name+signature):	File administrators Fanghui	Zhu Two Ilw Ame
Supervised by		Zhu Jang Mi Zhu
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(Position+Printed name+Signature):	RE Manager Hans Hu	

(Position+Printed name+Signature): RF Manager Hans Hu

Testing Laboratory Name: Shenzhen Huatongwei International Inspection Co., Ltd.

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The test report merely correspond to the test sample.

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1. TEST STANDARDS AND REPORT VERSION

1.1. Test Standards

The tests were performed according to following standards:

- FCC Rules Part 15.247: Frequency Hopping, Direct Spread Spectrum and Hybrid Systems that are in operation within the bands of 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz
- ANSI C63.10:2013: American National Standard for Testing Unlicensed Wireless Devices
- KDB 558074 D01 15.247 Meas Guidance v05r02: Guidance for Compliance Measurements on Digital Transmission System, Frequency Hopping Spread Spectrum System, and Hybrid System Devices Operating under Section 15.247 of The FCC Rules

1.2. Report version

Revision No.	Date of issue	Description
N/A	2022-12-05	Original

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2. TEST DESCRIPTION

Report clause	Test Items	Standard Requirement	Result	Test Engineer
5.1	Antenna Requirement	15.203/15.247(c)	PASS	Hailey Chen
5.2	AC Conducted Emission	15.207	PASS	Quanhai Deng
5.3	Peak Output Power	15.247(b)(3)	PASS	Hailey Chen
5.4	Power Spectral Density	15.247(e)	PASS	Hailey Chen
5.5	6dB Bandwidth	15.247(a)(2)	PASS	Hailey Chen
5.6	99% Occupied Bandwidth	-	PASS ^{*1}	Hailey Chen
5.7	Duty cycle	-	PASS ^{*1}	Hailey Chen
5.8	Conducted Band Edge and Spurious Emission	15.247(d)/15.205	PASS	Hailey Chen
5.9	Radiated Band Edge Emission	15.205/15.209	PASS	Quanhai Deng
5.10	Radiated Spurious Emission	15.247(d)/15.205/15.209	PASS	Junman Wang

Note:

⁻ The measurement uncertainty is not included in the test result.

 ^{*1:} No requirement on standard, only report these test data.

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3. **SUMMARY**

3.1. Client Information

Applicant:	Origins Technology Limited	
Address:	603 6/F, Laws Commercial Plaza, 788 Cheung Sha Wan Road, Hong Kong	
Manufacturer:	Origins Technology Limited	
Address:	603 6/F, Laws Commercial Plaza, 788 Cheung Sha Wan Road, Hong Kong	

3.2. Product Description

Main unit information:		
Product Name:	Kaiterra Sensedge Mini Air Quality Monitor	
Trade Mark:	Kaiterra	
Model No.:	SE-200PB	
Listed Model(s):	SE-200B	
Power supply:	DC 10-30V AC10-30V AC100-240V from adapter 42-57V from POE	
Hardware version:	v1.2	
Software version:	v3.0.2	
Accessory unit information:		
Adapter information:	Model: SOY-0500200-090 IUPUT:100-240Va.c., 50/60Hz 0.5A Max OUTPUT: 5.0Vd.c., 2.0A 10.0W	

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3.3. Radio Specification Description

Support type ^{*2} :	⊠ 802.11b	⊠ 802.11g	⊠ 802.11n
Support bandwidth:	⊠ 20MHz	⊠ 40MHz	
Modulation:	802.11b:	DBPSK, DQPSK, BPSK, QPSK	
Modulation.	802.11g/n:	BPSK, QPSK, 16QAM,	64QAM
Operation frequency:	802.11b/g/n(HT20):	2412MHz~2462MHz	
Operation frequency.	802.11n(HT40)	2422MHz~2452MHz	
Channel number:	802.11b/g/n(HT20):	11	
Charmer number.	802.11n(HT40)	7	
Channel separation:	5MHz		
Antenna technology:	⊠ SISO ☐ MIMO		
Antenna type:	PCB Antenna		
Antenna gain:	3.42 dBi		

Note:

3.4. Testing Laboratory Information

Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.		
Laboratory Location	1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China		
Connect information:	Phone: 86-755-26715499 E-mail: cs@szhtw.com.cn http://www.szhtw.com.cn		
Qualifications	Type Accreditation Number		
Qualifications	FCC	762235	

^{*2:} only show the RF function associated with this report.

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4. TEST CONFIGURATION

4.1. Test frequency list

According to section 15.31(m), regards to the operating frequency range over 10 MHz, must select three channels which were tested. The Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, please see the below blue front.

802.11b/g/n(HT20)		802.11n(HT40)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	03	2422
02	2417	04	2427
· :	. :	· :	· :
06	2437	06	2437
· :	· :	· :	· :
10	2457	08	2447
11	2462	09	2452

4.2. Descriptions of Test mode

Preliminary tests were performed in different data rates, final test modes are considering the modulation and worse data rates as below table.

Modulation	Data rate
802.11b	1Mbps
802.11g	6Mbps
802.11n(HT20)	MCS0
802.11n(HT40)	MCS0

4.3. Test mode

For RF test items

The engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions:

The EUT was set to connect with the WLAN AP under large package sizes transmission.

For Radiated spurious emissions

The engineering test program was provided and enabled to make EUT continuous transmit.

The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data Recorded in the report.

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4.4. Test sample information

Test item	HTW sample no.	
RF Conducted test items	Please refer to the description in the appendix report	
RF Radiated test items	YPHT21120109003	
EMI test items	YPHT21120109004	

Note:

RF Conducted test items: Peak Output Power, Power Spectral Density, 6dB Bandwidth, 99% Occupied Bandwidth, Duty cycle, Conducted Band Edge and Spurious Emission

RF Radiated test items: Radiated Band Edge Emission, Radiated Spurious Emission

EMI test items: AC Conducted Emission

4.5. Support unit used in test configuration and system

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application.

The following peripheral devices and interface cables were connected during the measurement:

Whether support unit is used?			
✓ No			
Item	Equipment	Trade Name	Model No.
1			
2			

4.6. Testing environmental condition

Туре	Requirement	Actual
Temperature:	15~35°C	25°C
Relative Humidity:	25~75%	50%
Air Pressure:	860~1060mbar	1000mbar

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4.7. Statement of the measurement uncertainty

No.	Test Items	Measurement Uncertainty			
1	AC Conducted Emission	3.21dB			
2	Peak Output Power	1.07			
3	Power Spectral Density	1.07			
4	6dB Bandwidth	0.002%			
5	99% Occupied Bandwidth	0.002%			
6	Duty cycle	-			
7	Conducted Band Edge and Spurious Emission	1.68dB			
8	Radiated Band Edge Emission	4.54dB for 30MHz-1GHz			
	radiated band Edge Emission	5.10dB for above 1GHz			
9	Rediated Spurious Emission	4.54dB for 30MHz-1GHz			
9	Radiated Spurious Emission	5.10dB for above 1GHz			

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

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4.8. Equipment Used during the Test

•	Conducted E	mission					
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Shielded Room	Albatross projects	HTWE0114	N/A	N/A	2018/09/28	2023/09/27
•	EMI Test Receiver	R&S	HTWE0111	ESCI	101247	2022/08/30	2023/08/29
•	Artificial Mains	SCHWARZBECK	HTWE0113	NNLK 8121	573	2022/08/29	2023/08/28
•	Pulse Limiter	R&S	HTWE0193	ESH3-Z2	101447	2022/08/29	2023/08/28
•	RF Connection Cable	HUBER+SUHNER	HTWE0113-02	ENVIROFLE X_142	EF-NM- BNCM-2M	2022/09/17	2023/09/16
•	Test Software	R&S	N/A	ES-K1	N/A	N/A	N/A

•	Radiated emi	ssion-6th test sit	te				
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	HTWE0127	SAC-3m-02	C11121	2018/09/30	2023/09/29
•	EMI Test Receiver	R&S	HTWE0099	ESCI	100900	2022/08/30	2023/08/29
•	Loop Antenna	R&S	HTWE0170	HFH2-Z2	100020	2021/04/06	2024/04/05
•	Ultra-Broadband Antenna	SCHWARZBECK	HTWE0123	VULB9163	538	2021/04/06	2024/04/05
•	Pre-Amplifer	SCHWARZBECK	HTWE0295	BBV 9742	N/A	2022/11/04	2023/11/03
•	RF Connection Cable	HUBER+SUHNER	HTWE0062-01	N/A	N/A	2022/02/25	2023/02/24
•	RF Connection Cable	HUBER+SUHNER	HTWE0062-02	SUCOFLEX104	501184/4	2022/02/25	2023/02/24
•	Test Software	R&S	N/A	ES-K1	N/A	N/A	N/A

•	Radiated em	ission-7th test s	ite				
Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Semi-Anechoic Chamber	Albatross projects	HTWE0122	SAC-3m-01	C11121	2018/09/27	2023/09/26
•	Spectrum Analyzer	R&S	HTWE0098	FSP40	100597	2022/08/25	2023/08/24
•	Horn Antenna	SCHWARZBECK	HTWE0126	9120D	1011	2020/04/01	2023/03/31
•	Broadband Horn Antenna	SCHWARZBECK	HTWE0103	BBHA9170	BBHA9170472	2020/04/27	2023/04/26
•	Pre-amplifier	CD	HTWE0071	PAP-0102	12004	2022/11/04	2023/11/03
•	Broadband Pre- amplifier	SCHWARZBECK	HTWE0201	BBV 9718	9718-248	2022/02/28	2023/02/27
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-01	6m 18GHz S Serisa	N/A	2022/02/25	2023/02/24
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-02	6m 3GHz RG Serisa	N/A	2022/02/25	2023/02/24
•	RF Connection Cable	HUBER+SUHNER	HTWE0119-05	6m 3GHz RG Serisa	N/A	2022/02/25	2023/02/24
•	RF Connection Cable	HUBER+SUHNER	HTWE0120-04	6m 3GHz RG Serisa	N/A	2022/02/25	2023/02/24
•	Test Software	Audix	N/A	E3	N/A	N/A	N/A

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Used	Test Equipment	Manufacturer	Equipment No.	Model No.	Serial No.	Last Cal. Date (YY-MM-DD)	Next Cal. Date (YY-MM-DD)
•	Signal and spectrum Analyzer	R&S	HTWE0242	FSV40	100048	2022/08/25	2023/08/24
•	Signal & Spectrum Analyzer	R&S	HTWE0262	FSW26	103440	2022/08/25	2023/08/24
•	Spectrum Analyzer	Agilent	HTWE0286	N9020A	MY50510187	2022/08/25	2023/08/24
•	Radio communication tester	R&S	HTWE0287	CMW500	137688-Lv	2022/08/25	2023/08/24
•	Test software	Tonscend	N/A	JS1120	N/A	N/A	N/A

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5. TEST CONDITIONS AND RESULTS

5.1. Antenna Requirement

REQUIREMENT

FCC CFR Title 47 Part 15 Subpart C Section 15.203:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responseble party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

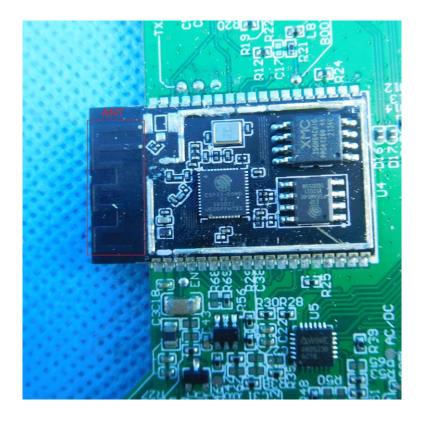
FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i):

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

TEST RESULT

⊠ Passed	☐ Not Applicable
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The antenna type is a PCB antenna, please refer to the below antenna photo.



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5.2. AC Conducted Emission

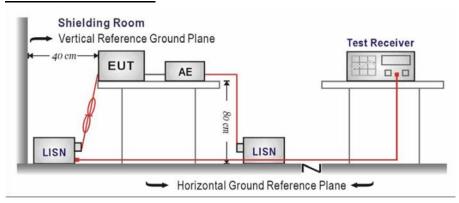
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.207

Fraguenov rongo (MHz)	Limit (dBuV)				
Frequency range (MHz)	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.

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was setup according to ANSI C63.10 requirements.
- 2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
- 3. The EUT and simulators are connected to the main power through a line impedances stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment.
- 4. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
- 6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- 7. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 8. During the above scans, the emissions were maximized by cable manipulation.

TEST MODE

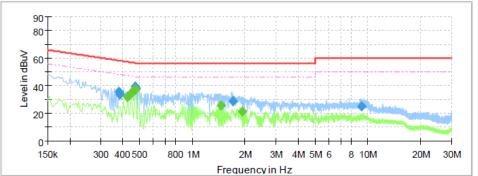
Please refer to the clause 4.2

TEST RESULT

□ Passed □ Not Applicable

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Test Line:

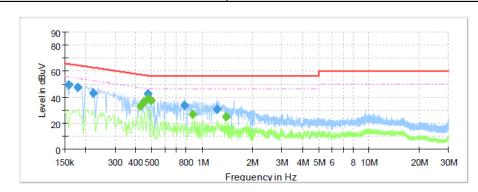


Serif;

Final Result

! !!!ai_!\c3	410					
Frequency	QuasiPeak	CAverage	Limit	Margin	Line	Corr.
(MHz)	(dBuV)	(dBuV)	(dBuV)	(dB)		(dB)
0.379500	35.39		58.29	22.90	L1	10.0
0.387500	33.56		58.12	24.56	L1	10.0
0.428500		31.88	47.28	15.40	L1	10.0
0.447500		34.35	46.92	12.57	L1	10.0
0.471500		37.74	46.49	8.75	L1	10.0
0.471500	39.58		56.49	16.90	L1	10.0
0.472500		36.74	46.47	9.73	L1	10.0
0.475500	37.83		56.42	18.58	L1	10.0
1.459500		25.55	46.00	20.45	L1	10.0
1.699500	28.93		56.00	27.08	L1	10.0
1.927500		21.27	46.00	24.73	L1	10.0
9.156500	24.84		60.00	35.16	L1	10.2

Test Line: N



Serif;

Final_Result

- IIIai_Ites						
Frequency	QuasiPeak	CAverage	Limit	Margin	Line	Corr.
(MHz)	(dBuV)	(dBuV)	(dBuV)	(dB)		(dB)
0.158000	49.33		65.57	16.24	N	10.0
0.179500	47.75		64.51	16.76	N	10.0
0.223500	43.14		62.69	19.55	N	10.0
0.428500		33.06	47.28	14.22	N	10.0
0.447500		36.19	46.92	10.73	N	10.0
0.471500		38.77	46.49	7.71	N	10.0
0.471500	42.62		56.49	13.87	N	10.0
0.495500		37.31	46.08	8.76	N	10.0
0.787500	34.00		56.00	22.00	N	10.0
0.879500		26.78	46.00	19.22	N	10.0
1.231500	30.47		56.00	25.53	N	10.0
1.391500		25.20	46.00	20.80	N	10.0

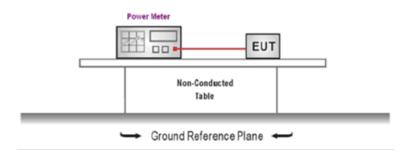
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5.3. Peak Output Power

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3): 30dBm

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was tested according to ANSI C63.10 and KDB 558074 D01 requirements.
- 2. The maximum peak conducted output power may be measured using a broadband peak RF power meter.
- 3. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall utilize a fast-responding diode detector.
- Record the measurement data.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

TEST DATA

Please refer to appendix A on the appendix report

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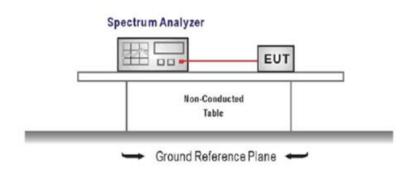
5.4. Power Spectral Density

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (e):

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input,
- Configure the spectrum analyzer as shown below:

Center frequency=DTS channel center frequency

Span =1.5 times the DTS bandwidth

RBW = 3 kHz ≤ RBW ≤ 100 kHz, VBW ≥ 3 × RBW

Sweep time = auto couple

Detector = peak

Trace mode = max hold

- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter wave form on the spectrum analyzer.
- 4. Use the peak marker function to determine the maximum amplitude level within the RBW.
- If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

TEST DATA

Please refer to appendix B on the appendix report

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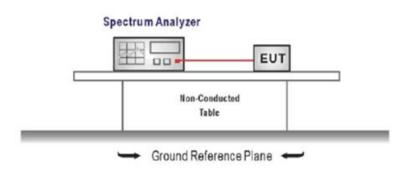
5.5. 6dB bandwidth

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2):

For digital modulation systems, the minimum 6 dB bandwidth shall be at least 500 kHz.

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- Configure the spectrum analyzer as shown below (enter all losses between the transmitter output and the spectrum analyzer).

Center Frequency =DTS channel center frequency

Span=2 x DTS bandwidth

RBW = 100 kHz, VBW ≥ 3 × RBW

Sweep time= auto couple

Detector = Peak

Trace mode = max hold

- 3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
- 4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission, and record the pertinent measurements.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

TEST DATA

Please refer to appendix C on the appendix report

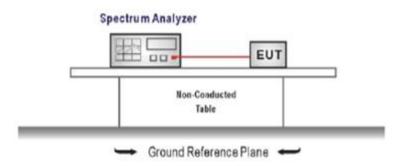
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5.6. 99% Occupied Bandwidth

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 2. Configure the spectrum analyzer as shown below (enter all losses between the transmitter output andthe spectrum analyzer).

Center Frequency = channel center frequency

Span≥1.5 x OBW

RBW = 1%~5%OBW

VBW ≥ 3 × RBW

Sweep time= auto couple

Detector = Peak

Trace mode = max hold

3. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

TEST DATA

Please refer to appendix D on the appendix report

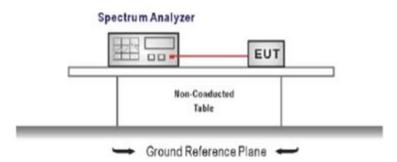
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5.7. Duty Cycle

LIMIT

N/A

TEST CONFIGURATION



TEST PROCEDURE

- 1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
- 2. Set to the maximum power setting and enable the EUT transmit continuously
- 3. Use the following spectrum analyzer settings:
 - Span=zero span, Frequency=centered channel, RBW= 1 MHz, VBW ≥ RBW
 - Sweep=as necessary to capture the entire dwell time,
 - Detector function = peak, Trigger mode
- 4. Measure and record the duty cycle data

TEST MODE

Please refer to the clause 4.2

TEST DATA

Please refer to appendix E on the appendix report

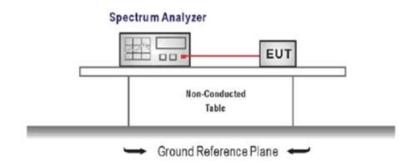
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5.8. Conducted Band edge and Spurious Emission

FCC CFR Title 47 Part 15 Subpart C Section15.247 (d):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.

TEST CONFIGURATION

LIMIT



TEST PROCEDURE

- 1. Connect the antenna port(s) to the spectrum analyzer input.
- 2. Establish a reference level by using the following procedure

Center frequency=DTS channel center frequency

The span = 1.5 times the DTS bandwidth.

RBW = 100 kHz, VBW \geq 3 x RBW

Detector = peak, Sweep time = auto couple, Trace mode = max hold

Allow trace to fully stabilize

Use the peak marker function to determine the maximum PSD level

Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

3. Emission level measurement

Set the center frequency and span to encompass frequency range to be measured

RBW = 100 kHz, VBW \geq 3 x RBW

Detector = peak, Sweep time = auto couple, Trace mode = max hold

Allow trace to fully stabilize

Use the peak marker function to determine the maximum amplitude level.

- 4. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
- Ensure that the amplitude of all unwanted emission outside of the authorized frequency band excluding restricted frequency bands) are attenuated by at least the minimum requirements specified (at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz). Report the three highest emission relative to the limit.

TEST MODE

Please refer to the clause 4.2

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TEST RESULT

oxedow Passed oxedow Not Applicable

TEST DATA

Please refer to appendix F on the appendix report

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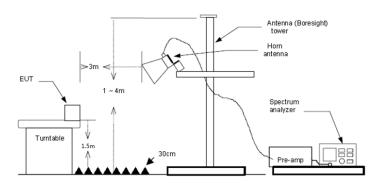
5.9. Radiated Band edge Emission

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, Radiated Emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the Radiated Emissions limits specified in §15.209(a) (see §15.205(c)).

TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was setup and tested according to ANSI C63.10.
- 2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. Thisis repeated for both horizontal and vertical polarization of the antenna. In order to find themaximum emission, all of the interface cables were manipulated according to ANSI C63.10 on radiated measurement.
- 5. Use the following spectrum analyzer settings:
 - a) Span shall wide enough to fully capture the emission being measured
 - b) Set RBW=100kHz for <1GHz, VBW=3*RBW, Sweep time=auto, Detector=peak, Trace=max hold
 - c) Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement:

- VBW=10Hz, When duty cycle is no less than 98 percent
- VBW≥1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation, so refer to this clasue 5.6 duty cycle.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

Note:

- 1) Level= Reading + Factor; Factor = Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- Average measurement was not performed if peak level is lower than average limit(54 dBuV/m).

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Type		802.	11b	Test	channel	CH01		Polarity		Horizontal
	Mark	c Frequency	Reading	Antenna	Cable Pre	amp Aux	Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m	limi	t
	1	2310.00	38.18	27.96	5.43 37.5	6 20.00	54.01	74.00	-19.99	Peak
	2	2386.66	41.86	27.73	5.52 37.4	6 20.00	57.65	74.00	-16.35	Peak
	3	2390.01	37.59	27.72	5.53 37.4	5 20.00	53.39	74.00	-20.61	Peak
	Mark	Frequency	Reading	Antenna	Cable Pream	p Aux	Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m	limit	
	1	2310.00	26.71	27.96	5.43 37.56	20.00	42.54	54.00 -1	11.46	Average
	2	2390.01	26.48	27.72	5.53 37.45	20.00	42.28	54.00 -1	1.72	Average
										•
Туре		802.		Test	channel	CH01		Polarity		Vertical
Туре	Mark			Test	channel		Level		Over	
Туре	Mark		11b					Polarity		Vertical Remark
Туре	Mark 1	Frequency	11b Reading	Antenna	Cable Prea	mp Aux dB	Level	Polarity Limit dBuV/m	0ver	Vertical Remark
Type		Frequency MHz	11b Reading dBuV/m	Antenna dB	Cable Prea	mp Aux dB i 20.00	Level dBuV/m	Polarity Limit dBuV/m 74.00	Over limit	Vertical Remark
Туре	1	Frequency MHz 2310.00 2390.01	Reading dBuV/m 37.10 37.31	Antenna dB 27.96	Cable PreadB dB dB 5.43 37.56	mp Aux dB 20.00	Level dBuV/m 52.93	Polarity Limit dBuV/m 74.00	Over limit -21.07	Vertical Remark Peak
Туре	1 2	Frequency MHz 2310.00 2390.01	Reading dBuV/m 37.10 37.31	Antenna dB 27.96 27.72	Cable Prea dB dB 5.43 37.56 5.53 37.45	mp Aux dB 20.00	Level dBuV/m 52.93 53.11	Polarity Limit dBuV/m 74.00 74.00	Over limit -21.07 -20.89	Vertical Remark Peak Peak
Туре	1 2	Frequency MHz 2310.00 2390.01 Frequency	Reading dBuV/m 37.10 37.31 Reading	Antenna dB 27.96 27.72 Antenna	Cable Prea dB dB 5.43 37.56 5.53 37.45 Cable Prea	mp Aux dB 20.00 20.00	Level dBuV/m 52.93 53.11 Level dBuV/m	Polarity Limit dBuV/m 74.00 74.00 Limit dBuV/m	Over limit -21.07 -20.89	Vertical Remark Peak Peak

Туре		802.1	11b	Test	channel	CH11		Polarity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Prea	mp Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	38.97	27.43	5.64 37.26	20.00	54.78	74.00	-19.22	Peak
	2	2484.35	44.59	27.43	5.64 37.26	20.00	60.40	74.00	-13.60	Peak
	3	2500.00	36.81	27.40	5.66 37.26	20.00	52.61	74.00	-21.39	Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Prea	mp Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	26.45	27.43	5.64 37.26	20.00	42.26	54.00	-11.74	Average
	2	2500.00	27.05	27.40	5.66 37.26	20.00	42.85	54.00	-11.15	Average
Туре		802.1	11b	Test	channel	CH11		Polarity		Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Prea	amp Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	36.90	27.43	5.64 37.26	20.00	52.71	74.00	-21.29	Peak
	2	2500.00	37.34	27.40	5.66 37.26	20.00	53.14	74.00	-20.86	Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Prea	amp Aux dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	2483.49	25.90	27.43	5.64 37.26	20.00	41.71	54.00	-12.29	Average
	2	2500.00	25.81	27.40	5.66 37.26	20.00	41.61	54.00	-12.39	Average

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Type		802.1	1 1 g	Test	channel	CH01		Polarity		Horizontal
	Mark		Reading	Antenna		reamp Aux	Level	Limit		
		MHz	dBuV/m	dB		dB dB	dBuV/m			
	1	2310.00	37.90	27.96		.56 20.00		74.00	-20.27	Peak
	2	2390.01	39.90	27.72	5.53 37	.45 20.00	55.70	74.00	-18.30	Peak
	Mark	Frequency	Reading	Antenna	Cable Pro	eamp Aux	Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB di	B dB	dBuV/m	dBuV/m	limit	
	1	2310.00	26.34	27.96	5.43 37.	56 20.00	42.17	54.00	-11.83	Average
	2	2390.01	27.75	27.72	5.53 37.4	45 20.00	43.55	54.00	-10.45	Average
Туре		802.1	1g	Test	channel	CH01		Polarity		Vertical
								,		
	Mark	Frequency	Reading	Antenna	Cable Pr	eamp Aux	Level	Limit	0ver	Remark
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable Pr		Level dBuV/m		Over limit	Remark
	Mark 1		dBuV/m			B dB		Limit dBuV/m		Remark Peak
		MHz	dBuV/m 37.89	dB	dB d	B dB 56 20.00	dBuV/m	Limit dBuV/m	limit	
	1	MHz 2310.00	dBuV/m 37.89	dB 27.96	dB d 5.43 37.	B dB 56 20.00 46 20.00	dBuV/m 53.72	Limit dBuV/m 74.00	limit -20.28	Peak
	1 2	MHz 2310.00 2387.20 2390.01	dBuV/m 37.89 40.08	dB 27.96 27.73	dB d 5.43 37. 5.52 37. 5.53 37.	B dB 56 20.00 46 20.00	dBuV/m 53.72 55.87	Limit dBuV/m 74.00 74.00	limit -20.28 -18.13	Peak Peak
	1 2 3	MHz 2310.00 2387.20 2390.01	dBuV/m 37.89 40.08 37.40	dB 27.96 27.73 27.72	dB d 5.43 37. 5.52 37. 5.53 37. Cable Pr	B dB 56 20.00 46 20.00 45 20.00	dBuV/m 53.72 55.87 53.20	Limit dBuV/m 74.00 74.00 74.00	limit -20.28 -18.13 -20.80	Peak Peak Peak
	1 2 3	MHz 2310.00 2387.20 2390.01	dBuV/m 37.89 40.08 37.40	dB 27.96 27.73 27.72 Antenna	dB d 5.43 37. 5.52 37. 5.53 37. Cable Pr	B dB 56 20.00 46 20.00 45 20.00 eamp Aux B dB	dBuV/m 53.72 55.87 53.20 Level dBuV/m	Limit dBuV/m 74.00 74.00 74.00	limit -20.28 -18.13 -20.80	Peak Peak Peak

Туре		802.1	11g	Test	channe	l (CH11		Polarity	Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream dB	p Aux dB	Level dBuV/m	Limit Over	Remark
	1	2483.49	36.91	27.43	5.64	37.26	20.00	52.72	74.00 -21.28	Peak
	2	2483.57	44.22	27.43	5.64	37.26	20.00	60.03	74.00 -13.97	Peak
	3	2500.00	37.60	27.40	5.66	37.26	20.00	53.40	74.00 -20.60	Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit Over dBuV/m limit	Remark
	1	2483.49	28.15	27.43	5.64	37.26	20.00	43.96	5 54.00 -10.04	Average
	2	2484.91	28.59	27.43	5.64	37.26	20.00	44.48	54.00 -9.60	Average
	3	2500.00	25.87	27.40	5.66	37.26	20.00	41.67	7 54.00 -12.33	Average
Туре		802.1	11g	Test	channe	I (CH11		Polarity	Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Pream dB	p Aux dB	Level dBuV/m	Limit Over dBuV/m limit	Remark
	1	2483.49	37.26	27.43	5.64	37.26	20.00	53.07	74.00 -20.93	Peak
	2	2484.18	41.54	27.43	5.64	37.26	20.00	57.35	74.00 -16.65	Peak
	3	2500.00	36.50	27.40	5.66	37.26	20.00	52.30	74.00 -21.70	Peak
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Aux dB	Level dBuV/m	Limit Over R dBuV/m limit	emark
	1	2483.49	26.42	27.43	5.64 3	7.26	20.00	42.23	54.00 -11.77	Average
	2	2500.00	25.84	27,40	5.66 3	7.26	20.00	41.64	54.00 -12.36	Average

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Туре			802.1	1n(HT20)	Test	channel	C	CH01		Polarity		Horizontal
	Mark	Freq	uency	Reading	Antenna	Cable	Pream	p Aux	Level	Limit	Over	Remark
		MH	Iz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/	m limi	.t
	1	2310.	00	37.49	27.96	5.43	37.56	20.00	53.32	74.00	-20.68	Peak
	2	2389.	69	41.56	27.72	5.53	37.45	20.00	57.36	74.00	-16.64	Peak
	3	2390.	01	40.87	27.72	5.53	37.45	20.00	56.67	74.00	-17.33	Peak
	Mark	Freq	uency	Reading	Antenna	Cable	Preamp	Aux	Level	Limit	Over	Remark
		MH	Z	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2310.	00	26.35	27.96	5.43 3	7.56	20.00	42.18	54.00 -	11.82	Average
	2	2390.	01	28.08	27.72	5.53 3	7.45	20.00	43.88	54.00 -	10.12	Average
	2	2330.	01	20.00	2,,,,					3,,,,,		
Туре		2390.		1n(HT20)		channel		CH01	127 417	Polarity		Vertical
Туре			802.1	1n(HT20)	Test	channel	C	CH01		Polarity		Vertical
Туре	Mark		802.1 uency			channel		CH01	Level dBuV/m		Over limit	
Туре		Freq	802.1 uency	1n(HT20) Reading	Test (channel Cable dB	C	CH01 Aux dB	Level	Polarity Limit dBuV/m	Over	Vertical
Туре	Mark	Frequency MH:	802.1 uency z	1n(HT20) Reading dBuV/m	Test of Antenna dB	Cable dB 5.43	Preamp dB	CH01 Aux dB 20.00	Level dBuV/m	Polarity Limit dBuV/m 74.00	Over limit	Vertical Remark
Type	Mark	Frequence MH: 2310.0	802.1 uency z	1n(HT20) Reading dBuV/m 37.23	Test of Antenna dB 27.96	Cable dB 5.43 3 5.53 3	Preamp dB 37.56	Aux dB 20.00 20.00	Level dBuV/m 53.06	Polarity Limit dBuV/m 74.00	Over limit -20.94	Vertical Remark Peak
Туре	Mark 1 2	Frequence MH: 2310.0	802.1 uency z 00 01 uency	1n(HT20) Reading dBuV/m 37.23 37.63	Antenna dB 27.96 27.72	Cable dB 5.43 3 5.53 3	Preamp dB 37.56	Aux dB 20.00 20.00	Level dBuV/m 53.06 53.43	Polarity Limit dBuV/m 74.00 74.00	Over limit -20.94 -20.57	Vertical Remark Peak Peak
Туре	Mark 1 2	Freq MH: 2310.0 2390.0	802.1 uency z 000 01 uency z	1n(HT20) Reading dBuV/m 37.23 37.63 Reading	Antenna dB 27.96 27.72	Cable dB 5.43 3 5.53 3	Preamp dB 37.56 37.45	Aux dB 20.00 20.00	Level dBuV/m 53.06 53.43 Level dBuV/m	Polarity Limit dBuV/m 74.00 74.00 Limit dBuV/m	Over limit -20.94 -20.57	Vertical Remark Peak Peak

Туре		802.1	1n(HT20)	Test	channel	CH11		Polarity	Horizontal
	Mark	Frequency	Reading	Antenna	Cable Pre	amp Aux	Level	Limit Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m limit	
	1	2483.49	39.29	27.43	5.64 37.2	6 20.00	55.10	74.00 -18.90	Peak
	2	2484.95	43.23	27.43	5.64 37.2	6 20.00	59.04	74.00 -14.96	Peak
	3	2500.00	37.30	27.40	5.66 37.2	6 20.00	53.10	74.00 -20.90	Peak
	Mark	Frequency	Reading	Antenna	Cable Prea	amp Aux	Level	Limit Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m limit	
	1	2483.49	27.83	27.43	5.64 37.26	20.00	43.6	4 54.00 -10.36	Average
	2	2483.92	29.48	27.43	5.64 37.26	20.00	45.2	9 54.00 -8.71	Average
	3	2500.00	26.12	27.40	5.66 37.26	20.00	41.9	2 54.00 -12.08	Average
Туре		802.1	1n(HT20)	Test	channel	CH11		Polarity	Vertical
	Mark	Frequency	Reading	Antenna	Cable Pre	amp Aux	Level	Limit Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m limi	t
	1	2483.49	37.08	27.43	5.64 37.2	6 20.00	52.89	74.00 -21.11	Peak
	2	2489.91	41.01	27.42	5.65 37.2	6 20.00	56.82	74.00 -17.18	Peak
	3	2500.00	37.94	27.40	5.66 37.2	6 20.00	53.74	74.00 -20.26	Peak
	Mark	Frequency	Reading A	Antenna	Cable Pream	np Aux	Level	Limit Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m limit	
	1	2483.49	26.99	27.43	5.64 37.26	20.00	42.80	54.00 -11.20	Average
			25.83 2	27.40	5.66 37.26	20.00		54.00 -12.37	Average

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Туре		802.1	1n(HT40)	Test	channel	CH03		Polarity	Horizontal
	Mark	Frequency	Reading A	Antenna	Cable Pre	amp Aux	Level	Limit Over	Remark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m limit	
	1	2310.00	37.11 2	7.96	5.43 37.5	6 20.00	52.94	74.00 -21.06	Peak
	2	2386.45	43.24 2	7.73	5.52 37.4	6 20.00	59.03	74.00 -14.97	Peak
	3	2389.99	37.28 2	27.72	5.53 37.4	5 20.00	53.08	74.00 -20.92	Peak
	Mark	Frequency		ntenna	Cable Pream		Level		emark
		MHz	dBuV/m	dB	dB dB	dB	dBuV/m	dBuV/m limit	
	1	2310.00	26.12 2	7.96	5.43 37.56	20.00	41.95	54.00 -12.05	Average
	2	2389.99	27.78 2	7.72	5.53 37.45	20.00	43.58	54.00 -10.42	Average
Туре		802.1	1n(HT40)	Test	channel	CH03		Polarity	Vertical
								•	
	Mark	Frequency	Reading A	ntenna	Cable Pre	amp Aux	Level	Limit Over	Remark
	Mark	Frequency MHz	Reading A	ntenna dB	Cable Pred	amp Aux dB	Level dBuV/m	Limit Over	Remark
	Mark 1		dBuV/m			dB		Limit Over	Remark Peak
		MHz	dBuV/m 36.49 2	dB	dB dB	dB 5 20.00	dBuV/m	Limit Over dBuV/m limit	
	1	MHz 2310.00	dBuV/m 36.49 2 36.68 2	dB 7.96	dB dB 5.43 37.5	dB 5 20.00 5 20.00	dBuV/m 52.32	Limit Over dBuV/m limit 74.00 -21.68 74.00 -21.52	Peak
	1 2	MHz 2310.00 2389.99	dBuV/m 36.49 2 36.68 2	dB 7.96 7.72	dB dB 5.43 37.50 5.53 37.49	dB 5 20.00 5 20.00	dBuV/m 52.32 52.48	Limit Over dBuV/m limit 74.00 -21.68 74.00 -21.52	Peak Peak
	1 2 Mark	MHz 2310.00 2389.99 Frequency	dBuV/m 36.49 2 36.68 2 Reading ArdBuV/m	dB 7.96 7.72 ntenna	dB dB 5.43 37.50 5.53 37.40 Cable Pream	dB 5 20.00 5 20.00 np Aux	dBuV/m 52.32 52.48 Level dBuV/m	Limit Over dBuV/m limit 74.00 -21.68 74.00 -21.52 Limit Over	Peak Peak

Туре		802.1	1n(HT40)	Test	channe	ı c	H09		Polarity		Horizontal
	Mark			Antenna	Cable			Level	Limit		Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/	m limit	
	1	2483.50	45.78	27.43	5.64	37.26	20.00	61.59	74.00	-12.41	Peak
	2	2484.51	48.68	27.43	5.64	37.26	20.00	64.49	74.00	-9.51	Peak
	3	2500.00	38.88	27.40	5.66	37.26	20.00	54.68	74.00	-19.32	Peak
	Mark		•	ntenna	Cable	Preamp		Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483.50	32.68 2	7.43	5.64	37.26	20.00	48.49	54.00	-5.51	Average
	2	2486.48	33.71 2	7.43	5.64	37.26	20.00	49.52	54.00	-4.48	Average
	3	2500.00	27.89 2	7.40	5.66	37.26	20.00	43.69	54.00	-10.31	Average
Туре		802.1	1n(HT40)	Test	channe	I C	H09		Polarity		Vertical
	Mark	Frequency	Reading A	ntenna	Cable	Preamp	Aux	Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483.50	41.39 2	7.43	5.64	37.26	20.00	57.20	74.00	-16.80	Peak
	2	2487.28	43.72 2	7.43	5.64	37.26	20.00	59.53	74.00	-14.47	Peak
	3	2500.00	37.77 2	7.40	5.66	37.26	20.00	53.57	74.00	-20.43	Peak
	Mark	Frequency	Reading A	ntenna	Cable	Preamp	Aux	Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	2483.50	29.76 2	7.43	5.64	37.26	20.00	45.57	54.00	-8.43	Average

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5.10. Radiated Spurious Emission

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

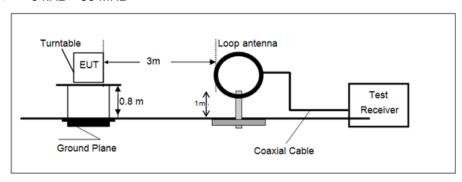
Frequency	Limit (dBuV/m)	Value
0.009 MHz ~0.49 MHz	2400/F(kHz) @300m	Quasi-peak
0.49 MHz ~ 1.705 MHz	24000/F(kHz) @30m	Quasi-peak
1.705 MHz ~30 MHz	30 @30m	Quasi-peak

Note: Limit dBuV/m @3m = Limit dBuV/m @300m + 40*log(300/3) = Limit dBuV/m @300m +80, Limit dBuV/m @3m = Limit dBuV/m @30m +40*log(30/3) = Limit dBuV/m @30m + 40.

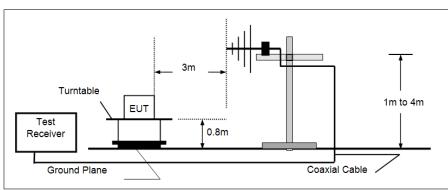
Frequency	Limit (dBuV/m @3m)	Value
30MHz~88MHz	40.00	Quasi-peak
88MHz~216MHz	43.50	Quasi-peak
216MHz~960MHz	46.00	Quasi-peak
960MHz~1GHz	54.00	Quasi-peak
Above 1GHz	54.00	Average
Above IGHZ	74.00	Peak

TEST CONFIGURATION

→ 9 kHz ~ 30 MHz

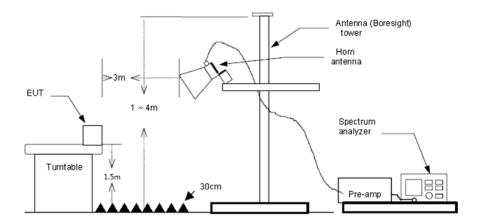


> 30 MHz ~ 1 GHz



Above 1 GHz

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TEST PROCEDURE

- The EUT was setup and tested according to ANSI C63.10.
- 2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
- 5. Set to the maximum power setting and enable the EUT transmit continuously.
- 6. Use the following spectrum analyzer settings
 - a) Span shall wide enough to fully capture the emission being measured;
 - b) Below 1 GHz:
 - RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold;
 - If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
 - Set RBW=1MHz, VBW=3MHz for >1GHz, Sweep time=auto, Detector=peak, Trace=max hold for Peak measurement

For average measurement:

- VBW=10Hz, When duty cycle is no less than 98 percent
- VBW≥1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation, so refer to this clasue 5.6 duty cycle.

TEST MODE

Please refer to the clause 4.2

TEST RESULT

Note:

- 1) Level= Reading + Factor/Transd; Factor/Transd = Antenna Factor+ Cable Loss- Preamp Factor
- 2) Over Limit = Level- Limit
- 3) Average measurement was not performed if peak level is lower than average limit(54 dBuV/m) for above 1GHz.

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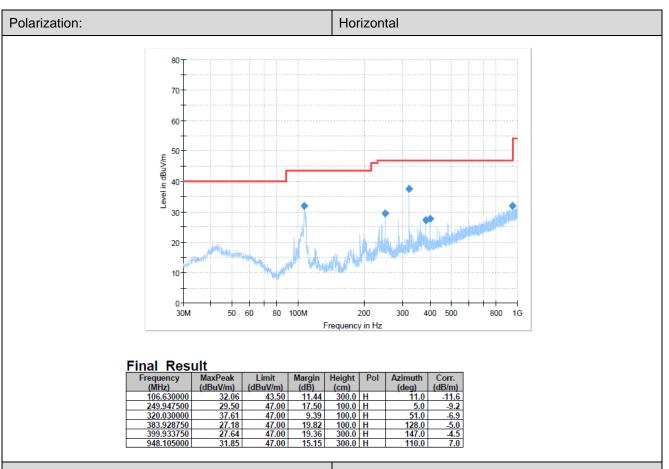
For 9 kHz ~ 30 MHz

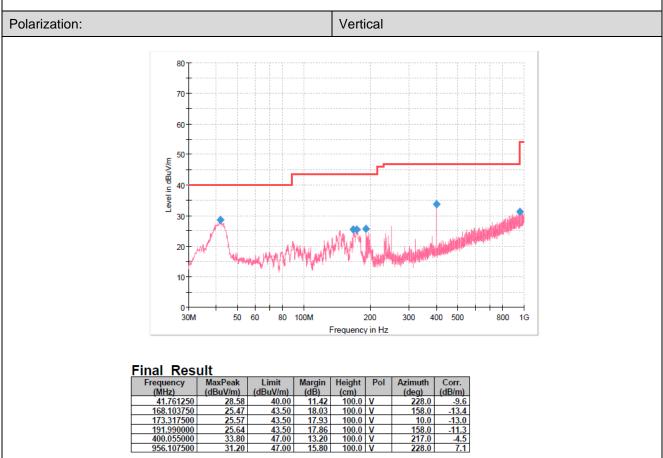
The EUT was pre-scanned this frequency band, found the radiated level 20dB lower than the limit, so don't show data on this report.

For 30 MHz ~ 1000 MHz

Have pre-scan all test channel, found CH06 of 802.11B which it was worst case, so only show the worst case's data on this report.

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For 1 GHz ~ 25 GHz

Туре			802.11b		Test channe	el	CH01		Polarity		Horizontal
	Mark	F	requency	Reading		Cable		Level	Limit	0ver	Remark
			MHz	dBuV/m		dB	dB	dBuV/n	-	limit	
	1		30.61	46.86	26.19	4.07	36.37	40.75	74.00	-33.25	Peak
	2		55.59	50.73	27.73	5.87	37.01	47.32	74.00	-26.68	Peak
	3		16.84	41.98	28.83	6.48	36.90	40.39	74.00	-33.61	Peak
	4	482	21.76	45.65	31.40	8.50	35.24	50.31	74.00	-23.69	Peak
Туре			802.11b		Test channe	el	CH01		Polarity		Vertical
	Mark	F	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	Over	Remark
			MHz	dBuV/m	dB	dB	dB	dBuV/m	dBuV/m	limit	5 1
	1		32.08	49.18	26.19	4.08	36.38	43.07	74.00	-30.93	Peak
	2		58.51	44.66	27.75	5.87	37.01	41.27		-32.73	Peak
	3		95.54	44.85	28.70	6.20	37.47	42.28	74.00	-31.72	Peak
	4		21.76	46.88	31.40	8.50	35.24	51.54	74.00	-22.46	Peak
	5	482	21.76	42.38	31.40	8.50	35.24	47.0	4 54.00	-6.96	Average
Туре			802.11b		Test channe	el	CH06		Polarity		Horizontal
	Mark		Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	Over	Remark
			MHz	dBuV/m		dB	dB	dBuV/m		limit	
	1	13	30.61	46.86	26.19	4.07	36.37	40.75	74.00	-33.25	Peak
	2		55.59	50.73	27.73	5.87	37.01	47.32	74.00	-26.68	Peak
	3		95.54	43.97	28.70	6.20	37.47	41.40	74.00	-32.60	Peak
	4		71.10	46.08	31.40	8.63	35.16	50.95	74.00	-23.05	Peak
Туре			802.11b		Test channe	el	CH06		Polarity		Vertical
71	Marala			D		Cable		Level	Limit	0	
	Mark		Frequency	Reading dBuV/m		dB	Preamp dB	dBuV/n		Over limit	Remark
	1	12	MHz	49.18	26.19	4.08		-		-30.93	Peak
	2		32.08			5.87	36.38	43.07	74.00 74.00		Peak
	3		58.51	44.66	27.75		37.01	41.27		-32.73	
	4		95.54	45.79	28.70	6.20	37.47	43.22	74.00	-30.78	Peak
	4	40	71.10	44.58	31.40	8.63	35.16	49.45	74.00	-24.55	Peak
Туре			802.11b		Test channe	el	CH11		Polarity		Horizontal
	Mark	F	Frequency	Reading	Antenna	Cable		Level	Limit	0ver	Remark
			MHz	dBuV/m		dB	dB	dBuV/m	_	limit	
	1		30.61	46.86	26.19	4.07	36.37	40.75	74.00	-33.25	Peak
	2		55.59	50.73	27.73	5.87	37.01	47.32	74.00	-26.68	Peak
	3		33.02	40.67	28.57	6.56	36.84	38.96	74.00	-35.04	Peak
	4		20.96	46.95	31.44	8.73	35.21	51.91	74.00	-22.09	Peak
	5	492	20.96	41.78	31.44	8.73	35.21	46.7	4 54.00	-7.26	Average
Туре			802.11b		Test channe	el	CH11		Polarity		Vertical
	Mark		Frequency	Reading	•	Cable				Over limit	Remark
	1	17	MHz 332.08	dBuV/n 49.18	1 aB 26.19	dB 4.08	dB 36.38	dBuV/r	-	-30.93	Peak
	1							43.07	74.00		
	2		558.51	44.66	27.75	5.87	37.01	41.27	74.00	-32.73	Peak
	3		95.54	45.58	28.70	6.20	37.47	43.01	74.00	-30.99	Peak
	4	49	920.96	45.49	31.44	8.73	35.21	50.45	74.00	-23.55	Peak

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Туре		802.11g		Test channe	el	CH01		Polarity		Horizontal
	Mark	Frequency	Reading		Cable		Level		Over	Remark
		MHz	dBuV/m		dB	dB	dBuV/m		limit	
	1	1332.08	46.78	26.19	4.08	36.38	40.67	74.00	-33.33 -25.75	
	2	2376.69	52.47 45.95	27.75 28.83	5.51 6.48	37.48 36.90	48.25 44.36	74.00 74.00		
	3 4	3216.84 5047.83		32.19	8.87	35.37	40.70	74.00	-33.30	Peak
	4	3047.03	35.01	32.19	0.0/	33.37	40.70	74.00	-55.50) Peak
Type		802.11g		Test channe	el	CH01		Polarity		Vertical
	Mark	Frequency	Reading		Cable		Level	Limit	Over	Remark
	1	MHz 1332.08	dBuV/m 47.03	dB 26.19	dB 4.08	dB 36.38	dBuV/m	dBuV/m 74.00	limit -33.08	
	1 2	2664.36		27.79	5.87	37.02	40.92		-30.15	
	3	3216.84	47.21 43.98	28.83	6.48	36.90	43.85 42.39	74.00 74.00	-30.15	
	4	4821.76	44.21	31.40	8.50	35.24	48.87	74.00	-25.13	
	4	4021.70	44.21	31.40	0.50	33.24	40.0/	74.00	-25.13	reak
Туре		802.11g		Test channe	el	CH06		Polarity		Horizontal
	Mark	Frequency	Reading	Antenna	Cable	Preamp	Level	Limit	Over	Remark
		MHz	dBuV/m	dB	dB	dB	dBuV/m	dBuV/m	limit	
	1	1332.08	46.78	26.19	4.08	36.38	40.67	74.00	-33.33	Peak
	2	2376.69	52.47	27.75	5.51	37.48	48.25	74.00	-25.75	Peak
	3	3249.76	46.34	28.70	6.52	36.87	44.69	74.00	-29.31	Peak
	4	4983.99	36.32	31.77	8.80	35.22	41.67	74.00	-32.33	Peak
Туре		802.11g		Test channe	el	CH06		Polarity		Vertical
Туре	Mark		Reading		el Cable		Level	•	0ver	
Type	Mark	802.11g Frequency MHz	Reading dBuV/m	Antenna			Level dBuV/m	Limit	Over limi	Remark
Туре	Mark 1	Frequency	_	Antenna	Cable	Preamp		Limit		Remark t
Type		Frequency MHz	dBuV/m	Antenna dB	Cable dB	e Preamp dB	dBuV/m	Limit dBuV/m	limi	Remark t 8 Peak
Type	1	Frequency MHz 1332.08	dBuV/m 47.03	Antenna dB 26.19	Cable dB 4.08	Preamp dB 36.38	dBuV/m 40.92	Limit dBuV/m 74.00	limi -33.0 -30.1	Remark t 8 Peak
Туре	1 2	Frequency MHz 1332.08 2664.36	dBuV/m 47.03 47.21	Antenna dB 26.19 27.79	Cable dB 4.08 5.87	Preamp dB 36.38 37.02	dBuV/m 40.92 43.85	Limit dBuV/m 74.00 74.00	limi -33.0 -30.1 -30.1	Remark t 8 Peak 5 Peak
Type	1 2 3	Frequency MHz 1332.08 2664.36 3249.76	dBuV/m 47.03 47.21 45.47	Antenna dB 26.19 27.79 28.70	Cable dB 4.08 5.87 6.52 8.63	Preamp dB 36.38 37.02 36.87	dBuV/m 40.92 43.85 43.82	Limit dBuV/m 74.00 74.00 74.00	limi -33.0 -30.1 -30.1	Remark t 8 Peak 5 Peak 8 Peak
	1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4871.10	dBuV/m 47.03 47.21 45.47 38.75	Antenna dB 26.19 27.79 28.70 31.40	Cable dB 4.08 5.87 6.52 8.63	Preamp dB 36.38 37.02 36.87 35.16	dBuV/m 40.92 43.85 43.82 43.62	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limi -33.0 -30.1 -30.1 -30.3	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal
	1 2 3	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency	dBuV/m 47.03 47.21 45.47 38.75	Antenna dB 26.19 27.79 28.70 31.40 Test channe	Cable dB 4.08 5.87 6.52 8.63	Preamp dB 36.38 37.02 36.87 35.16 CH11	dBuV/m 40.92 43.85 43.82 43.62	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity	limi -33.0 -30.1 -30.1 -30.3	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Morizontal Remark
	1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB	Cable dB 4.08 5.87 6.52 8.63 el Cable dB	Preamp dB 36.38 37.02 36.87 35.16 CH11	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m	limi -33.0 -30.1 -30.1 -30.3	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark
	1 2 3 4 Mark	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00	limi -33.0 -30.1 -30.3 -30.3 Over limit -33.33	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark :
	1 2 3 4 Mark	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08 2376.69	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78 52.47	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19 27.75	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08 5.51	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38 37.48	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67 48.25	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00	limi -33.0 -30.1 -30.3 -30.3 Over limit -33.33 -25.75	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark : 3 Peak 6 Peak
	1 2 3 4 Mark	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00	limi -33.0 -30.1 -30.3 -30.3 Over limit -33.33	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark : 6 Peak 7 Peak
Туре	1 2 3 4 Mark 1 2 3	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08 2376.69 3283.02 4920.96	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78 52.47 47.44 36.59	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19 27.75 28.57 31.44	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08 5.51 6.56 8.73	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38 37.48 36.84	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67 48.25 45.73	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00	limi -33.0 -30.1 -30.3 Over limit -33.33 -25.75 -28.27 -32.45	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark : 6 Peak 7 Peak
	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08 2376.69 3283.02 4920.96	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78 52.47 47.44 36.59	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19 27.75 28.57 31.44 Test channe	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08 5.51 6.56 8.73	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38 37.48 36.84 35.21 CH11	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67 48.25 45.73 41.55	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	limi -33.0 -30.1 -30.1 -30.3 Over limit -33.33 -25.75 -28.27 -32.45	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark : 1 Peak 6 Peak 7 Peak Vertical
Туре	1 2 3 4 Mark 1 2 3	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08 2376.69 3283.02 4920.96 802.11g Frequency	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78 52.47 47.44 36.59	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19 27.75 28.57 31.44 Test channe	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08 5.51 6.56 8.73 el Cable Ca	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38 37.48 36.84 35.21 CH11 Preamp	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67 48.25 45.73 41.55	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m Limit	limi -33.0 -30.1 -30.3 Over limit -33.33 -25.75 -28.27 -32.45	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark : 8 Peak 6 Peak 7 Peak Vertical Remark
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08 2376.69 3283.02 4920.96 802.11g Frequency MHz	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78 52.47 47.44 36.59 Reading dBuV/m	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19 27.75 28.57 31.44 Test channe Antenna dB	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08 5.51 6.56 8.73 el Cable dB	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38 37.48 36.84 35.21 CH11 Preamp dB	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67 48.25 45.73 41.55 Level dBuV/m	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m Limit dBuV/m	limi -33.0 -30.1 -30.3 Over limit -33.33 -25.75 -28.27 -32.45	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark : 6 Peak 6 Peak 7 Peak 6 Peak 7 Vertical Remark
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08 2376.69 3283.02 4920.96 802.11g Frequency MHz 1332.08	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78 52.47 47.44 36.59 Reading dBuV/m 47.03	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19 27.75 28.57 31.44 Test channe Antenna dB 26.19 27.75	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08 5.51 6.56 8.73 el Cable dB 4.08	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38 37.48 36.84 35.21 CH11 Preamp dB 36.38	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67 48.25 45.73 41.55 Level dBuV/m	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 Polarity	limi -33.0 -30.1 -30.3 Over limit -33.33 -25.75 -28.27 -32.45 Over limit -33.08	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark : 3 Peak 6 Peak 7 Peak 6 Peak 7 Peak 6 Peak 7 Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08 2376.69 3283.02 4920.96 802.11g Frequency MHz 1332.08 2376.69	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78 52.47 47.44 36.59 Reading dBuV/m 47.03 47.21	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19 27.75 28.57 31.44 Test channe Antenna dB 26.19 27.75 28.57 31.79	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08 5.51 6.56 8.73 el Cable dB 4.08 5.87	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38 37.48 36.84 35.21 CH11 Preamp dB 36.38 37.02	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67 48.25 45.73 41.55 Level dBuV/m 40.92 43.85	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 Polarity	limi -33.0 -30.1 -30.3 Over limit -33.33 -25.75 -28.27 -32.45 Over limit -33.08 -30.15	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark 1 Peak 6 Peak 7 Peak 6 Peak 7 Peak 6 Peak 7 Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4871.10 802.11g Frequency MHz 1332.08 2376.69 3283.02 4920.96 802.11g Frequency MHz 1332.08	dBuV/m 47.03 47.21 45.47 38.75 Reading dBuV/m 46.78 52.47 47.44 36.59 Reading dBuV/m 47.03	Antenna dB 26.19 27.79 28.70 31.40 Test channe Antenna dB 26.19 27.75 28.57 31.44 Test channe Antenna dB 26.19 27.75	Cable dB 4.08 5.87 6.52 8.63 el Cable dB 4.08 5.51 6.56 8.73 el Cable dB 4.08	Preamp dB 36.38 37.02 36.87 35.16 CH11 Preamp dB 36.38 37.48 36.84 35.21 CH11 Preamp dB 36.38	dBuV/m 40.92 43.85 43.82 43.62 Level dBuV/m 40.67 48.25 45.73 41.55 Level dBuV/m	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 Polarity	limi -33.0 -30.1 -30.3 Over limit -33.33 -25.75 -28.27 -32.45 Over limit -33.08	Remark t 8 Peak 5 Peak 8 Peak 8 Peak Horizontal Remark 6 Peak 7 Peak 6 Peak 7 Peak 6 Peak 7 Peak

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Туре		802.11n(HT20)	Test chann	el	CH01		Polarity		Horizontal
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	Preamp dB	Level dBuV/m	Limit dBuV/m	Over limit	Remark
	1	1332.08	46.78	26.19	4.08	36.38	40.67	74.00	-33.33	Peak
	2	2376.69	52.47	27.75	5.51	37.48	48.25	74.00	-25.75	Peak
	3	3216.84	44.88	28.83	6.48	36.90	43.29	74.00	-30.71	Peak
	4	4834.05	36.19	31.40	8.53	35.20	40.92	74.00	-33.08	Peak
Туре		802.11n(HT20)	Test chann	el	CH01		Polarity		Vertical
	Mark	Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	e Preamp dB	Level dBuV/m		Over limi	Remark t
	1	1332.08	47.03	26.19	4.08	36.38	40.92	74.00	-33.0	8 Peak
	2	2664.36	47.21	27.79	5.87	37.02	43.85	74.00	-30.1	5 Peak
	3	3216.84	43.29	28.83	6.48	36.90	41.70	74.00	-32.30	0 Peak
	4	4996.69	41.41	31.87	8.81	35.24	46.85	74.00	-27.1	5 Peak
Туре		802.11n(HT20)	Test chann	el	CH06		Polarity		Horizontal
	Mark	Frequency	Reading	Antenna	Cable	e Preamp	Level	Limit	0ver	Remark
		MHz	dBuV/m	dB	dB	dB	dBuV/m			
	1	1332.08	46.78	26.19	4.08	36.38	40.67	74.00	-33.33	
	2	2376.69	52.47	27.75	5.51	37.48	48.25	74.00	-25.75	
	3	3249.76	46.74	28.70	6.52	36.87	45.09	74.00	-28.91	
	4	5762.24	33.50	31.92	9.57	34.86	40.13	74.00	-33.87	7 Peak
Туре		802.11n(HT20)	Test chann	el	CH06		Polarity		Vertical
Type	Mark	802.11n(Frequency MHz	HT20) Reading dBuV/m	Antenna	Cabl		Level dBuV/m	Limit	Over	Remark
Туре	Mark 1	Frequency	Reading	Antenna	Cabl	e Preamp		Limit		Remark t
Туре		Frequency MHz	Reading dBuV/m	Antenna dB	Cable dB	e Preamp dB	dBuV/m	Limit n dBuV/m	ı limi	Remark t 8 Peak
Туре	1	Frequency MHz 1332.08	Reading dBuV/m 47.03	Antenna dB 26.19	Cable dB 4.08	e Preamp dB 36.38	dBuV/m 40.92	Limit dBuV/n 74.00	n limi -33.0	Remark t 8 Peak 5 Peak
Туре	1 2	Frequency MHz 1332.08 2664.36	Reading dBuV/m 47.03 47.21	Antenna dB 26.19 27.79	Cable dB 4.08 5.87	e Preamp dB 36.38 37.02	dBuV/m 40.92 43.85	Limit dBuV/m 74.00 74.00	limi -33.0 -30.1	Remark t 8 Peak 5 Peak 1 Peak
Type	1 2 3	Frequency MHz 1332.08 2664.36 3249.76	Reading dBuV/m 47.03 47.21 44.54 41.83	Antenna dB 26.19 27.79 28.70	Cable dB 4.08 5.87 6.52 8.81	e Preamp dB 36.38 37.02 36.87	dBuV/m 40.92 43.85 42.89	Limit dBuV/m 74.00 74.00 74.00	limi -33.0 -30.1 -31.1	Remark t 8 Peak 5 Peak 1 Peak
	1 2 3	Frequency MHz 1332.08 2664.36 3249.76 4996.69	Reading dBuV/m 47.03 47.21 44.54 41.83	Antenna dB 26.19 27.79 28.70 31.87	Cable dB 4.08 5.87 6.52 8.81	e Preamp dB 36.38 37.02 36.87 35.24	dBuV/m 40.92 43.85 42.89	Limit dBuV/n 74.00 74.00 74.00 74.00	limi -33.0 -30.1 -31.1	Remark t 8 Peak 5 Peak 1 Peak 3 Peak
	1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4996.69	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20)	Antenna dB 26.19 27.79 28.70 31.87	Cable dB 4.08 5.87 6.52 8.81	e Preamp dB 36.38 37.02 36.87 35.24	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m	Limit dBuV/m 74.00 74.00 74.00 74.00	limi -33.0 -30.1 -31.1 -26.7	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal
	1 2 3 4 Mark	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78	Antenna dB 26.19 27.79 28.70 31.87 Test channo Antenna dB 26.19	Cable dB 4.08 5.87 6.52 8.81 el Cable dB 4.08	e Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00	1 limi -33.0 -30.1 -31.1 -26.7 Over limit -33.33	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak
	1 2 3 4 Mark	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47	Antenna dB 26.19 27.79 28.70 31.87 Test channa dB 26.19 27.75	Cable dB 4.08 5.87 6.52 8.81 el Cable dB 4.08 5.51	e Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00	0 limi -33.0 -30.1 -31.1 -26.7 Over limit -33.33 -25.75	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak
	1 2 3 4 Mark 1 2 3	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69 3283.02	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47 46.13	Antenna dB 26.19 27.79 28.70 31.87 Test channa dB 26.19 27.75 28.57	Cable d8 4.08 5.87 6.52 8.81 el Cable d8 4.08 5.51 6.56	e Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48 36.84	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25 44.42	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00	0 limi -33.0 -30.1 -31.1 -26.7 Over limit -33.33 -25.75 -29.58	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak Peak
Туре	1 2 3 4 Mark	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69 3283.02 5022.19	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47 46.13 35.94	Antenna dB 26.19 27.79 28.70 31.87 Test channa dB 26.19 27.75	Cable dB 4.08 5.87 6.52 8.81 el Cable dB 4.08 5.51	Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48 36.84 35.30	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00	0 limi -33.0 -30.1 -31.1 -26.7 Over limit -33.33 -25.75	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak
	1 2 3 4 Mark 1 2 3	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69 3283.02	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47 46.13 35.94	Antenna dB 26.19 27.79 28.70 31.87 Test channa dB 26.19 27.75 28.57	Cable dB 4.08 5.87 6.52 8.81 el Cable dB 4.08 5.51 6.56 8.84	e Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48 36.84	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25 44.42	Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00	0 limi -33.0 -30.1 -31.1 -26.7 Over limit -33.33 -25.75 -29.58	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak Peak
Туре	1 2 3 4 Mark 1 2 3	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69 3283.02 5022.19 802.11n(Frequency	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47 46.13 35.94 HT20)	Antenna dB 26.19 27.79 28.70 31.87 Test channa dB 26.19 27.75 28.57 32.03 Test channa	Cable d8 4.08 5.87 6.52 8.81 el Cable dB 4.08 5.51 6.56 8.84 el Cable	Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48 36.84 35.30 CH11 Preamp	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25 44.42 41.51	Limit dBuV/m 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 The control of the	Over limit -33.0 -30.1 -31.1 -26.7 Over limit -33.33 -25.75 -29.58 -32.49	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak Peak
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69 3283.02 5022.19 802.11n(Frequency MHz	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47 46.13 35.94 HT20)	Antenna dB 26.19 27.79 28.70 31.87 Test channo Antenna dB 26.19 27.75 28.57 32.03 Test channo Antenna dB	Cable d8 4.08 5.87 6.52 8.81 el Cable d8 4.08 5.51 6.56 8.84 el Cable dB	Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48 36.84 35.30 CH11 Preamp dB	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25 44.42 41.51 Level dBuV/m	Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m dBuV/	Over limit -33.0 -30.1 -31.1 -26.7 Over limit -33.33 -25.75 -29.58 -32.49	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69 3283.02 5022.19 802.11n(Frequency MHz 1332.08	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47 46.13 35.94 HT20) Reading dBuV/m 47.03	Antenna dB 26.19 27.79 28.70 31.87 Test channo Antenna dB 26.19 27.75 28.57 32.03 Test channo Antenna dB 26.19	Cable dB 4.08 5.81 Cable dB 4.08 5.51 6.56 8.84 el Cable dB 4.08	Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48 36.84 35.30 CH11 Preamp dB 36.38	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25 44.42 41.51 Level dBuV/m 40.92	Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 Polarity Company	Over limit -33.0 -30.1 -31.1 -26.7 Over limit -33.33 -25.75 -29.58 -32.49 Over limit -33.08	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69 3283.02 5022.19 802.11n(Frequency MHz 1332.08 2364.36	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47 46.13 35.94 HT20) Reading dBuV/m 47.03 47.21	Antenna dB 26.19 27.79 28.70 31.87 Test channa dB 26.19 27.75 28.57 32.03 Test channa dB 26.19 27.75 28.70 32.03	Cable dB 4.08 5.51 6.56 8.84 el Cable dB 4.08 5.87	Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48 36.84 35.30 CH11 Preamp dB 36.38 37.48 36.84 35.30	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25 44.42 41.51 Level dBuV/m 40.92 43.85	Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 Polarity	Over limit -33.03 -30.1 -31.1 -26.7 Over limit -33.33 -25.75 -29.58 -32.49 Over limit -33.08 -30.15	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea
Туре	1 2 3 4 Mark 1 2 3 4	Frequency MHz 1332.08 2664.36 3249.76 4996.69 802.11n(Frequency MHz 1332.08 2376.69 3283.02 5022.19 802.11n(Frequency MHz 1332.08	Reading dBuV/m 47.03 47.21 44.54 41.83 HT20) Reading dBuV/m 46.78 52.47 46.13 35.94 HT20) Reading dBuV/m 47.03	Antenna dB 26.19 27.79 28.70 31.87 Test channo Antenna dB 26.19 27.75 28.57 32.03 Test channo Antenna dB 26.19	Cable dB 4.08 5.81 Cable dB 4.08 5.51 6.56 8.84 el Cable dB 4.08	Preamp dB 36.38 37.02 36.87 35.24 CH11 Preamp dB 36.38 37.48 36.84 35.30 CH11 Preamp dB 36.38	dBuV/m 40.92 43.85 42.89 47.27 Level dBuV/m 40.67 48.25 44.42 41.51 Level dBuV/m 40.92	Limit dBuV/m 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 74.00 Polarity Limit dBuV/m 74.00 74.00 Polarity Company	Over limit -33.0 -30.1 -31.1 -26.7 Over limit -33.33 -25.75 -29.58 -32.49 Over limit -33.08	Remark t 8 Peak 5 Peak 1 Peak 3 Peak Horizontal Remark Peak Peak Peak Peak Peak Peak Peak Pea

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Туре		802.11n(HT40)	Test channe	el	CH03		Polarity	Horizontal
	Mark	Frequency MHz	Reading dBuV/m		Cable dB	Preamp dB	Level dBuV/m		ver Remark Lmit
	1	1332.08	46.78	26.19	4.08	36.38	40.67		3.33 Peak
	2	2376.69	52.47	27.75	5.51	37.48	48.25		5.75 Peak
	3	3233.26	46.16	28.77	6.50	36.88	44.55		0.45 Peak
	4	5099.49	35.07	32.20	8.93	35.48	40.72	74.00 -33	3.28 Peak
Туре		802.11n(HT40)	Test channe	el	CH03		Polarity	Vertical
	Mark	Frequency MHz	Reading dBuV/m		Cable dB	Preamp dB	Level dBuV/m	Limit Ov dBuV/m li	er Remark mit
	1	1332.08	47.03	26.19	4.08	36.38	40.92	74.00 -33	.08 Peak
	2	2664.36	47.21	27.79	5.87	37.02	43.85	74.00 -30	
	3	3233.26	43.59	28.77	6.50	36.88	41.98	74.00 -32	
	4	4996.69	37.87	31.87	8.81	35.24	43.31	74.00 -30	.69 Peak
Туре		802.11n(HT40)	Test channe	el	CH06		Polarity	Horizontal
	Mark	Frequency MHz	Reading dBuV/m	•	Cable dB	Preamp	Level dBuV/m		ver Remark .mit
	1	1332.08	46.78	26.19	4.08	36.38	40.67	74.00 -33	3.33 Peak
	2	2376.69	52.47	27.75	5.51	37.48	48.25	74.00 -25	.75 Peak
	3	3249.76	46.72	28.70	6.52	36.87	45.07	74.00 -28	3.93 Peak
	4	5151.68	35.45	31.99	8.96	35.44	40.96	74.00 -33	.04 Peak
Туре		802.11n(HT40)	Test channe	el	CH06		Polarity	Vertical
	Mark	Frequency	Reading	Antenna	Cable		Level dBuV/m		er Remark
		,		dB	dB	dB	ubuv/III	dBuV/m li	mit
	1	MHz 1332.08	dBuV/m 47.03		dB 4.08	dB 36.38	40.92		mit .08 Peak
	1 2	MHz	dBuV/m	dB 26.19 27.79				74.00 -33	
		MHz 1332.08	dBuV/m 47.03	26.19	4.08	36.38	40.92	74.00 -33 74.00 -30	.08 Peak
	2	MHz 1332.08 2664.36	dBuV/m 47.03 47.21	26.19 27.79	4.08 5.87	36.38 37.02	40.92 43.85	74.00 -33 74.00 -30 74.00 -30	.08 Peak .15 Peak
Туре	2	MHz 1332.08 2664.36 3249.76	dBuV/m 47.03 47.21 44.95 39.77	26.19 27.79 28.70	4.08 5.87 6.52 8.80	36.38 37.02 36.87	40.92 43.85 43.30	74.00 -33 74.00 -30 74.00 -30	.08 Peak .15 Peak .70 Peak
Туре	2	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency	dBuV/m 47.03 47.21 44.95 39.77 HT40)	26.19 27.79 28.70 31.77 Test channe	4.08 5.87 6.52 8.80 el	36.38 37.02 36.87 35.22 CH09	40.92 43.85 43.30 45.12 Level	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark
Туре	2 3 4 Mark	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz	dBuV/m 47.03 47.21 44.95 39.77 HT40)	26.19 27.79 28.70 31.77 Test channe Antenna dB	4.08 5.87 6.52 8.80 el Cable	36.38 37.02 36.87 35.22 CH09 Preamp dB	40.92 43.85 43.30 45.12 Level dBuV/m	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit
Туре	2 3 4 Mark	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19	4.08 5.87 6.52 8.80 el Cable dB 4.08	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38	40.92 43.85 43.30 45.12 Level dBuV/m 40.67	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -33	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak
Туре	2 3 4 Mark	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08 2376.69	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78 52.47	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19 27.75	4.08 5.87 6.52 8.80 el Cable dB 4.08 5.51	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38 37.48	40.92 43.85 43.30 45.12 Level dBuV/m 40.67 48.25	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -33 74.00 -25	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak .75 Peak
Туре	2 3 4 Mark	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19	4.08 5.87 6.52 8.80 el Cable dB 4.08	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38	40.92 43.85 43.30 45.12 Level dBuV/m 40.67	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -33 74.00 -25 74.00 -28	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak
	2 3 4 Mark 1 2 3	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08 2376.69 3266.35 3993.90	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78 52.47 47.23 41.51	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19 27.75 28.63 29.90	4.08 5.87 6.52 8.80 el Cable dB 4.08 5.51 6.54 7.38	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38 37.48 36.85 36.37	40.92 43.85 43.30 45.12 Level dBuV/m 40.67 48.25 45.55	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -33 74.00 -25 74.00 -28 74.00 -31	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak .75 Peak .45 Peak
Type	2 3 4 Mark 1 2 3 4	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08 2376.69 3266.35 3993.90 802.11n(dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78 52.47 47.23 41.51 HT40)	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19 27.75 28.63 29.90 Test channe	4.08 5.87 6.52 8.80 el Cable dB 4.08 5.51 6.54 7.38	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38 37.48 36.85 36.37 CH09	40.92 43.85 43.30 45.12 Level dBuV/m 40.67 48.25 45.55 42.42	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -33 74.00 -25 74.00 -25 74.00 -31 Polarity	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak .75 Peak .45 Peak .58 Peak Vertical
	2 3 4 Mark 1 2 3	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08 2376.69 3266.35 3993.90 802.11n(Frequency	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78 52.47 47.23 41.51 HT40)	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19 27.75 28.63 29.90 Test channe	4.08 5.87 6.52 8.80 el Cable dB 4.08 5.51 6.54 7.38	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38 37.48 36.85 36.37 CH09 Preamp	40.92 43.85 43.30 45.12 Level dBuV/m 40.67 48.25 45.55 42.42 Level	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -33 74.00 -25 74.00 -35 74.00 -31 Polarity Limit Ov	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak .75 Peak .45 Peak .58 Peak Vertical er Remark
	2 3 4 Mark 1 2 3 4	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08 2376.69 3266.35 3993.90 802.11n(Frequency MHz	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78 52.47 47.23 41.51 HT40) Reading dBuV/m	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19 27.75 28.63 29.90 Test channe Antenna dB	4.08 5.87 6.52 8.80 el Cable dB 4.08 5.51 6.54 7.38 el Cable dB	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38 37.48 36.85 36.37 CH09 Preamp dB	40.92 43.85 43.30 45.12 Level dBuV/m 40.67 48.25 45.55 42.42 Level dBuV/m	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -33 74.00 -25 74.00 -31 Polarity Limit Ov dBuV/m li Ov dBuV/m li	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak .75 Peak .45 Peak .58 Peak Vertical er Remark mit
	2 3 4 Mark 1 2 3 4 Mark	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08 2376.69 3266.35 3993.90 802.11n(Frequency MHz 1332.08	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78 52.47 47.23 41.51 HT40) Reading dBuV/m 47.03	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19 27.75 28.63 29.90 Test channe Antenna dB 26.19	4.08 5.87 6.52 8.80 el Cable dB 4.08 5.51 6.54 7.38 el Cable dB	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38 37.48 36.85 36.37 CH09 Preamp dB 36.38	40.92 43.85 43.30 45.12 Level dBuV/m 40.67 48.25 45.55 42.42 Level dBuV/m 40.92	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -25 74.00 -28 74.00 -31 Polarity Limit Ov dBuV/m li 74.00 -33 Alimit Ov dBuV/m li 74.00 -33	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak .75 Peak .45 Peak .58 Peak Vertical er Remark mit .08 Peak
	2 3 4 Mark 1 2 3 4 Mark	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08 2376.69 3266.35 3993.90 802.11n(Frequency MHz 1332.08 2664.36	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78 52.47 47.23 41.51 HT40) Reading dBuV/m 47.03 47.03 47.21	26.19 27.79 28.70 31.77 Test channed Antenna dB 26.19 27.75 28.63 29.90 Test channed Antenna dB 26.19 27.75	4.08 5.87 6.52 8.80 el Cable dB 4.08 5.51 6.54 7.38 el Cable dB 4.08 5.87	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38 37.48 36.85 36.37 CH09 Preamp dB 36.38 37.02	40.92 43.85 43.30 45.12 Level dBuV/m 40.67 48.25 45.55 42.42 Level dBuV/m 40.92 43.85	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -25 74.00 -28 74.00 -31 Polarity Limit Ov dBuV/m li 74.00 -33 74.00 -31	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak .75 Peak .45 Peak .58 Peak Vertical er Remark mit .08 Peak .15 Peak
-	2 3 4 Mark 1 2 3 4 Mark	MHz 1332.08 2664.36 3249.76 4983.99 802.11n(Frequency MHz 1332.08 2376.69 3266.35 3993.90 802.11n(Frequency MHz 1332.08	dBuV/m 47.03 47.21 44.95 39.77 HT40) Reading dBuV/m 46.78 52.47 47.23 41.51 HT40) Reading dBuV/m 47.03	26.19 27.79 28.70 31.77 Test channe Antenna dB 26.19 27.75 28.63 29.90 Test channe Antenna dB 26.19	4.08 5.87 6.52 8.80 el Cable dB 4.08 5.51 6.54 7.38 el Cable dB	36.38 37.02 36.87 35.22 CH09 Preamp dB 36.38 37.48 36.85 36.37 CH09 Preamp dB 36.38	40.92 43.85 43.30 45.12 Level dBuV/m 40.67 48.25 45.55 42.42 Level dBuV/m 40.92	74.00 -33 74.00 -30 74.00 -30 74.00 -28 Polarity Limit Ov dBuV/m li 74.00 -25 74.00 -28 74.00 -31 Polarity Limit Ov dBuV/m li 74.00 -33 74.00 -31	.08 Peak .15 Peak .70 Peak .88 Peak Horizontal er Remark mit .33 Peak .75 Peak .45 Peak .58 Peak Vertical er Remark mit .08 Peak