Test Report

Verified code: 819617

Report No.: E202409184352-6

Customer:	Huizhou Foryou General Electronics Co., Ltd.
Address:	No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road, Dongjiang Hi tech Industry Park, 516005 Huizhou city, Guangdong Province, China(PROC)
Sample Name:	Intelligent cabin controller
Sample Model:	HS7024
Receive Sample Date:	Sep.18,2024
Test Date:	Sep.26,2024 ~ Oct.02,2024
Reference Document:	CFR 47, FCC Part 15 Subpart C RADIO FREQUENCY DEVICES:Subpart C—Intentional Radiators
Test Result:	Pass

Prepared by: Wen Wenwen Reviewed by: Peng Huarui Approved by: Zhao Zetian

GRG METROLOGY & TEST GROUP CO., LTD.

Issued Date: 2024-10-21

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5. This testing report is only for scientific research, teaching, internal quality control, etc.

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REPORT ISSUED HISTORY

Report Version	Report No.	Description	Compile Date
1.0	E202409184352-6	Original Issue	2024-10-15

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1. TEST RESULT SUMMARY

Technical Requirements		
CFR 47, FCC Part 15 Subpart C ANSI C63.10-2013 KDB 558074 D01 15.247 Meas Guidance v05r02		
Item	**Limit / Severity**	**Result**
Antenna Requirement	§15.203	PASS[1]
Conducted Emissions	§15.207 (a)	N/A[2)]
Radiated Spurious Emission	§15.247(d) § 15.205 § 15.209	PASS
6 dB Bandwidth	§15.247 (a)(2)	PASS
Maximum Peak Output Power	§15.247(b)(3)	PASS
Power Spectral Density	§15.247(e)	PASS
Conducted band edges and Spurious Emission	§15.247(d)	PASS
Restricted bands of operation	§15.205 § 15.209 §15.247(d)	PASS

Note:

1) The EUT is Internal antennas. The max gain of antenna is 5.71dBi, which accordance 15.203 is considered sufficient to comply with the provisions of this section.
2) Test is not applicable to this Equipment. This EUT is no AC mains power ports.

2. GENERAL DESCRIPTION OF EUT

2.1 APPLICANT

Name:	Huizhou Foryou General Electronics Co., Ltd.
Address:	No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road, Dongjiang Hi tech Industry Park, 516005 Huizhou city, Guangdong Province, China(PROC)

2.2 MANUFACTURER

Name:	Huizhou Foryou General Electronics Co., Ltd.
Address:	No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road, Dongjiang Hi tech Industry Park, 516005 Huizhou city, Guangdong Province, China(PROC)

2.3 FACTORY

Name:	Huizhou Foryou General Electronics Co., Ltd.
Address:	No.2 District A, Foryou Industry Park, No. 1 North Shangxia Road, Dongjiang Hi tech Industry Park, 516005 Huizhou city, Guangdong Province, China(PROC)

2.4 BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

Equipment:	Intelligent cabin controller
Model No.:	HS7024
Trade Mark:	ADAYO
FCC ID:	2AEIN-HS7024
Power Supply:	DC 12V
Battery:	Ni-MH BATTERY AA1000mAh, LTT-HS7012A, LTT-AAP1000X3 3.6V
Frequency Band:	2412MHz-2462MHz for 802.11b/g/n HT20 2422MHz-2452MHz: 802.11n HT40
Modulation Type:	DSSS for 802.11b mode; OFDM for 802.11g/n HT20/n HT40 mode
Antenna Specification:	Internal antenna with 5.71dBi gain (Max)
Maximum output Power:	15.44dBm
Temperature Range:	-40℃~75℃
Hardware Version:	B.0.1
Software Version:	SWC.0007
Sample submitting way:	■Provided by customer □Sampling
Sample No:	E202409184352-0001, E202409184352-0002
Note:	1.The EUT antenna gain is provided by the applicant. This report is made solely on the basis of such data and/or information. We accept no responsibility for the authenticity and completeness of the above data and information and the validity of the results and/or conclusions.

2. This EUT (Intelligent cabin controller) the model name HS7024 with High, Low two configuration. The two configuration have the same technical construction including circuit diagram, PCB LAYOUT, hardware version, software, except the High configuration with full function but the Low configuration without some functions as below table. These difference which are not affect the RF performance. So only tested the high configuration of HS7024.

HS7024 Function	Configuration	
	High	Low
4MIC port	Y	N
DMS port	Y	N
Ethernet port	Y	N
Support PTZ camera port	Y	N
Integrated projection headlights port	Y	N

2.5 CHANNEL LIST

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n HT20, CH03 – CH09 for IEEE 802.11n HT40							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

2.6 TEST OPERATION MODE

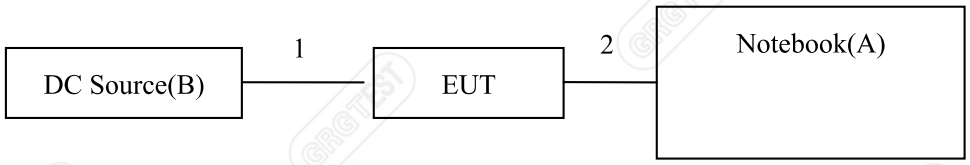
Mode No.	Description of the modes
1	2.4G Wi-Fi TX mode

2.7 LOCAL SUPPORTIVE INSTRUMENTS

No.	Name of Equipment	Manufacturer	Model	Serial Number
A	Notebook	DELL	Latitude3400	8RZFJW2
B	DC source	KEYSIGHT	E36131A	MY59001135

No.	Cable Type	Qty.	Shielded Type	Ferrite Core(Qty.)	Length
1	DC cable	1	No	0	0.8m
2	Serial cable	1	No	0	2.0m

2.8 CONFIGURATION OF SYSTEM UNDER TEST



Test software:

Software version
adb

Power Setting:

Mode	Date Rate	Frequecy (MHz)	Power Setting
802.11b	1M	2412	9
		2437	9
		2462	9
802.11g	6M	2412	9
		2437	9
		2462	9
802.11n HT20	MCS8	2412	8
		2437	8
		2462	8
802.11n HT40	MCS8	2422	8
		2437	8
		2452	8

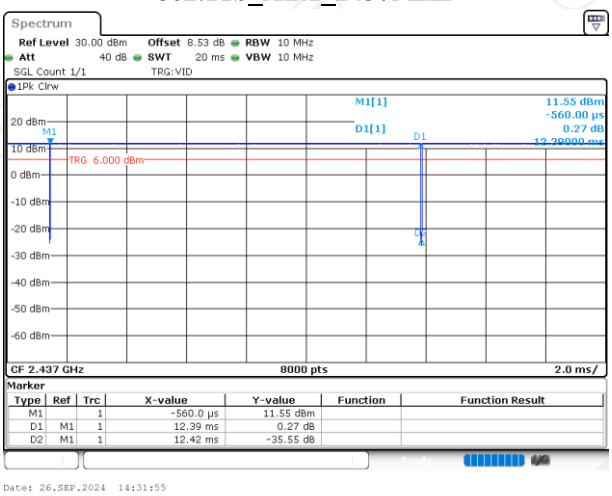
2.9 DUTY CYCLE

Environment: 25.6℃/65%RH/101.0kPa Voltage: DC 12V
Tested By:Zhu rongting Date: 2024-09-26

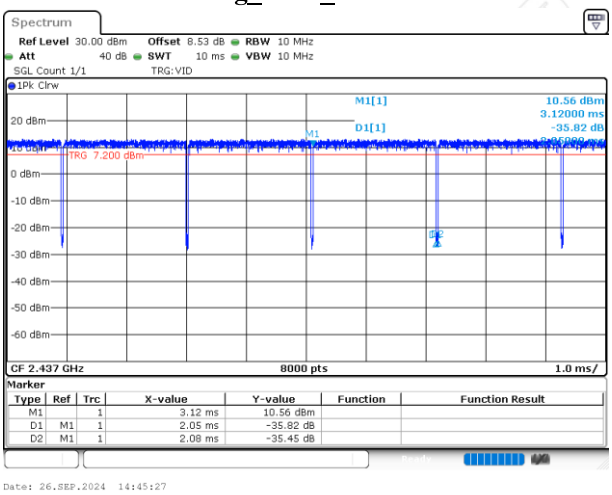
All models were pretested and only the worst case were recorded in this report.

Test Mode	Frequency (MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	T [s]
802.11b	2437	12.39	12.42	99.76	0.01239
802.11g	2437	2.05	2.08	98.56	0.00205
802.11n HT20	2437	0.98	1.01	97.03	0.00098
802.11n HT40	2437	0.49	0.55	89.09	0.00049

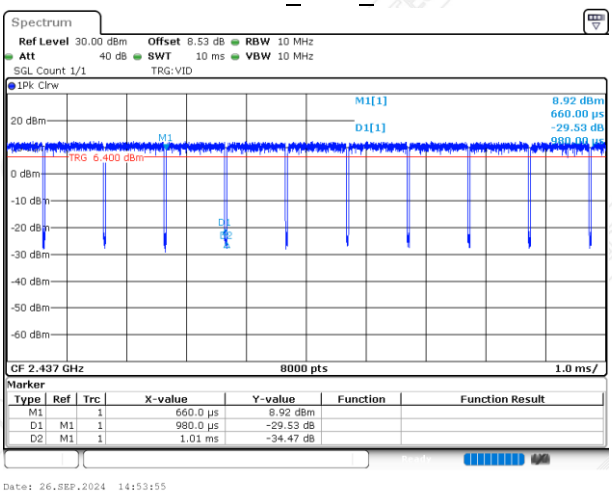
802.11b_Ant1_2437MHz



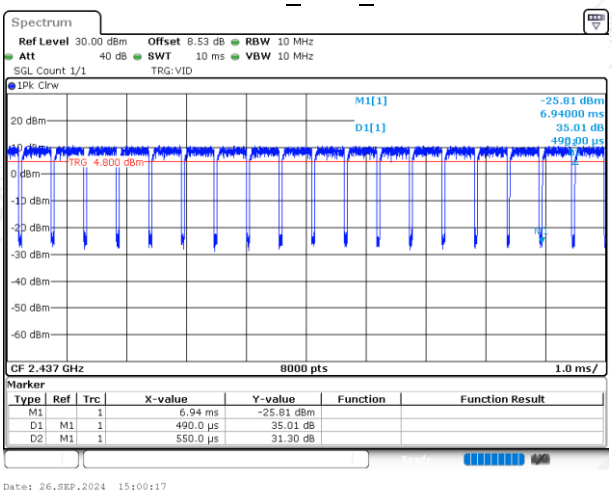
802.11g_Ant1_2437MHz



802.11n HT20_Ant1_2437MHz



802.11n HT40_Ant1_2437MHz



3. LABORATORY AND ACCREDITATIONS

3.1 LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of Shenzhen EMC Laboratory of GRG METROLOGY & TEST GROUP CO., LTD.

Add	:	No.1301 Guanguang Road Xinlan Community, Guanlan Street, Longhua District Shenzhen, 518110, People's Republic of China
P.C.	:	518000
Tel	:	0755-61180008
Fax	:	0755-61180008

3.2 ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA	A2LA(Certificate#:2861.01)

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada	ISED (Company Number: 24897, CAB identifier:CN0069)
USA	FCC (Registration Number: 759402, Designation Number:CN1198)

Copies of granted accreditation certificates are available for downloading from our web site, http://www.grgtest.com

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3.3 MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement		Frequency	Uncertainty
Radiated Emission	X	9kHz～30MHz	4.4dB[1)]
	Y	9kHz～30MHz	4.4dB[1)]
	Z	9kHz～30MHz	4.4dB[1)]
	Horizontal	30MHz～200MHz	4.6dB[1)]
		200MHz～1000MHz	4.8dB[1)]
		1GHz～18GHz	5.0dB[1)]
		18GHz～26.5GHz	5.2dB[1)]
	Vertical	30MHz～200MHz	4.7dB[1)]
		200MHz～1000MHz	4.7dB[1)]
		1GHz～18GHz	5.1dB[1)]
		18GHz～26.5GHz	5.4dB[1)]

Measurement	Uncertainty
RF frequency	6.0×10^{-6}
RF power conducted	0.80dB
Power spectral density conducted	0.80dB
Occupied channel bandwidth	0.40dB
Unwanted emission, conducted	0.70dB
Humidity	6.0%
Temperature	2.0℃

Note:

[1)] This uncertainty represents an expanded uncertainty expressed at approximately the 95%.
This uncertainty represents an expanded uncertainty factor of k=2.

4. LIST OF USED TEST EQUIPMENT AT GRGT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Radiated Spurious Emission & Restricted bands of operation				
Loop Antenna	Schwarzbeck	FMZB 1513-60	1513-60-56	2025-05-07
Preamplifier	SHIRONG ELECTRONIC	DLNA-30M1G-G 40	20200928001	2025-01-30
Bi-log Antenna	Schwarzbeck	VULB9160	VULB9160-3402	2025-09-24
Horn Antenna	Schwarzbeck	BBHA 9120D	02143	2025-06-15
Test Receiver	R&S	ESR26	101758	2025-09-10
Spectrum Analyzer	Agilent	N9010A	MY52221469	2025-04-19
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	BBHA 9170-497	2025-08-24
Amplifier	Tonscend	TAP01018048	AP20E8060075	2025-03-01
Amplifier	Tonscend	TAP184050	AP20E806071	2025-03-01
Amplifier	SHIRONG ELECTRONIC	DLNA-1G18G-G4 0	20200928005	2025-07-19
Test S/W	Tonscend	JS36-RE/2.5.1.5		
6 dB Bandwidth				
Spectrum Analyzer	R&S	FSV30	1321.3008K30 -104381-rH	2025-09-22
Maximum Peak Output Power				
Pulse power sensor	Anristu	MA2411B	1126150	2025-01-11
Power meter	Anristu	ML2495A	1204003	2025-01-11
Conducted band edges and Spurious Emission				
Spectrum Analyzer	R&S	FSV30	1321.3008K30 -104381-rH	2025-09-22
Power Spectral Density				
Spectrum Analyzer	R&S	FSV30	1321.3008K30 -104381-rH	2025-09-22

Note: The calibration interval of the above test instruments is 12 months.

5. RADIATED SPURIOUS EMISSIONS

5.1 LIMITS

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, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required.

Frequency (MHz)	Quasi-peak(μV/m)	Measurement distance(m)	Quasi-peak(dBμV/m)@distance 3m
0.009-0.490	2400/F(kHz)	300	128.5~93.8
0.490-1.705	24000/F(kHz)	30	73.8~63
1.705-30.0	30	30	69.5
30 ~ 88	100	3	40
88~216	150	3	43.5
216 ~ 960	200	3	46
Above 960	500	3	54

NOTE:

(1) The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

(2) The lower limit shall apply at the transition frequencies.

(3) Above 18GHz test distance is 1m, so the Peak Limit=74+20*log(3/1)=83.54 (dBμV/m). The Avg Limit=54+20*log(3/1)=63.54 (dBμV/m).

5.2 TEST PROCEDURES

1) Sequence of testing 9kHz to 30MHz

Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.

--- If the EUT is a floor standing device, it is placed on the ground.

--- Use serial board or connecting line to make EUT and notebook to communicate, according to the actual need to make EUT send constant frequency signal continuously.

--- The EUT is placed on a desktop position in the center of the turntable.

--- The measurement distance is 3 meter.

--- The EUT was set into operation.

Pre measurement:

--- The turntable rotates from 0° to 360°.

--- The antenna height is 1.0 meter.

--- At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions

Final measurement:

--- Identified emissions during the pre measurement the software maximizes by rotating the turntable position (0° to 360°) and by rotating the elevation axes (0° to 360°).

--- The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QP detector.

--- The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the pre measurement and the limit will be stored.

2) Sequence of testing 30MHz to 1GHz

Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.

--- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.

--- Use serial board or connecting line to make EUT and notebook to communicate, according to the actual need to make EUT send constant frequency signal continuously.

--- The EUT is placed on a desktop position in the center of the turntable.

--- The measurement distance is 3 meter.

--- The EUT was set into operation.

Pre measurement:

--- The turntable rotates from 0° to 360°.

--- The antenna is polarized vertical and horizontal.

--- The antenna height changes from 1 to 4 meter.

--- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

Final measurement:

--- The final measurement will be performed with minimum the six highest peaks.

--- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable rotates from 0° to 360° and antenna movement between 1 and 4 meter.

--- The final measurement will be done with QP detector with an EMI receiver.

--- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

3) Sequence of testing 1GHz to 18GHz

Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.

--- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.

--- Use serial board or connecting line to make EUT and notebook to communicate, according to the actual need to make EUT send constant frequency signal continuously.

--- The EUT is placed on a desktop position in the center of the turntable.

--- The measurement distance is 3 meter.

--- The EUT was set into operation.

Pre measurement:

--- The turntable rotates from 0° to 360°.

--- The antenna is polarized vertical and horizontal.

--- The antenna height scan range is 1 meter to 4 meter.

--- At each turntable position and antenna polarization the analyzer sweeps with peak detection to find the maximum of all emissions.

Final measurement:

--- The final measurement will be performed with minimum the six highest peaks.

--- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable rotates from 0° to 360° and antenna movement between 1 and 4 meter. This procedure is repeated for both antenna polarizations.

--- The final measurement will be done in the position (turntable, EUT-table and antenna polarization) causing the highest emissions with Peak and Average detector.
--- The final levels, frequency, measuring time, bandwidth, turntable position, EUT-table position, antenna polarization, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the pre measurement with marked maximum final measurements and the limit will be stored.

4) Sequence of testing above 18GHz
Setup:

--- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.

--- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.

--- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.

--- Use serial board or connecting line to make EUT and notebook to communicate, according to the actual need to make EUT send constant frequency signal continuously.

--- The EUT is placed on a desktop position in the center of the turntable.

--- The measurement distance is 1 meter.

--- The EUT was set into operation.

Pre measurement:

--- The antenna is moved spherical over the EUT in different polarisations of the antenna.

Final measurement:

--- The final measurement will be performed at the position and antenna orientation for all detected emissions that were found during the premeasurements with Peak and Average detector.
--- The final levels, frequency, measuring time, bandwidth, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.

NOTE:

(a).The frequency from 9KHz to 150KHz, Set RBW=300Hz(for Peak&AVG), RBW=300Hz(for Peak&AVG). the frequency from 150KHz to 30MHz, Set RBW=9KHz, RBW=9KHz, (for QP Detector).

(b).The frequency from 30MHz to 1GHz, Set RBW=120KHz, RBW=300KHz, (for QP Detector).

(c).The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Unwanted Maxinum Emissions Measurements above 1000MHz.

(d).If the EUT is configured to transmit with duty cycle ≥98%，set VBW≤RBW/100 (i.e.,10kHz) but not less than 10 Hz.

(e).If the EUT duty cycle is ＜98%，set VBW≥1/T, Where T is defined in section 2.9.

(f).The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak measurement.The AVG value measurement is based on duty cycle.

5.3 TEST SETUP

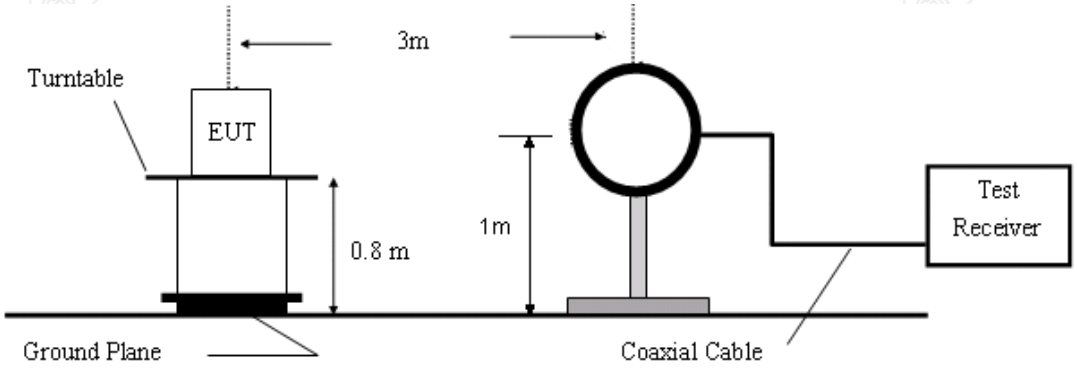


Figure 1. 9kHz to 30MHz radiated emissions test configuration

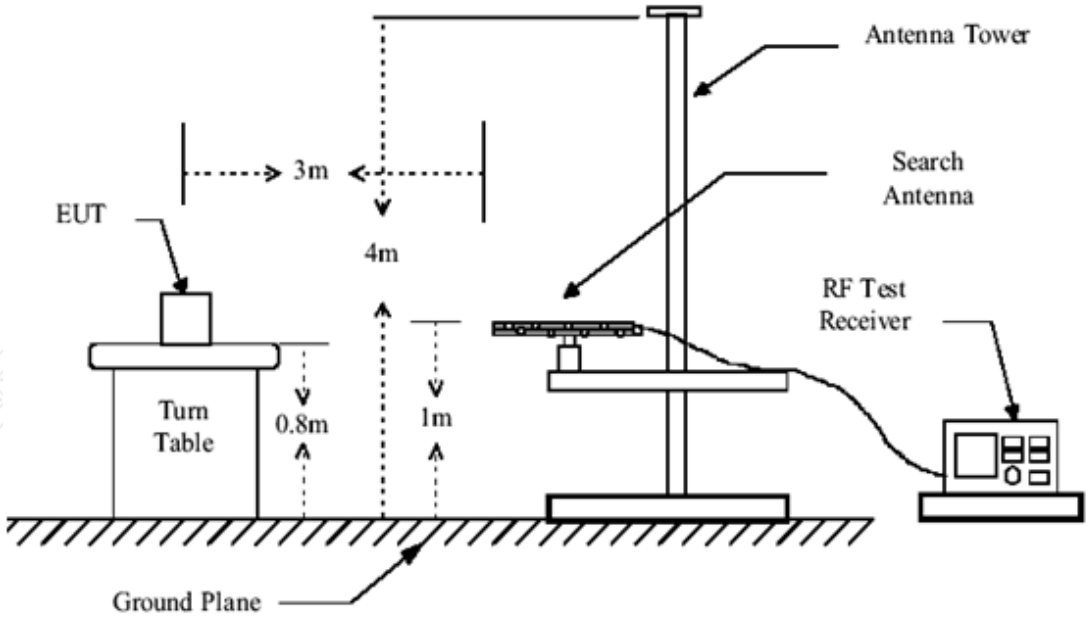


Figure 2. 30MHz to 1GHz radiated emissions test configuration

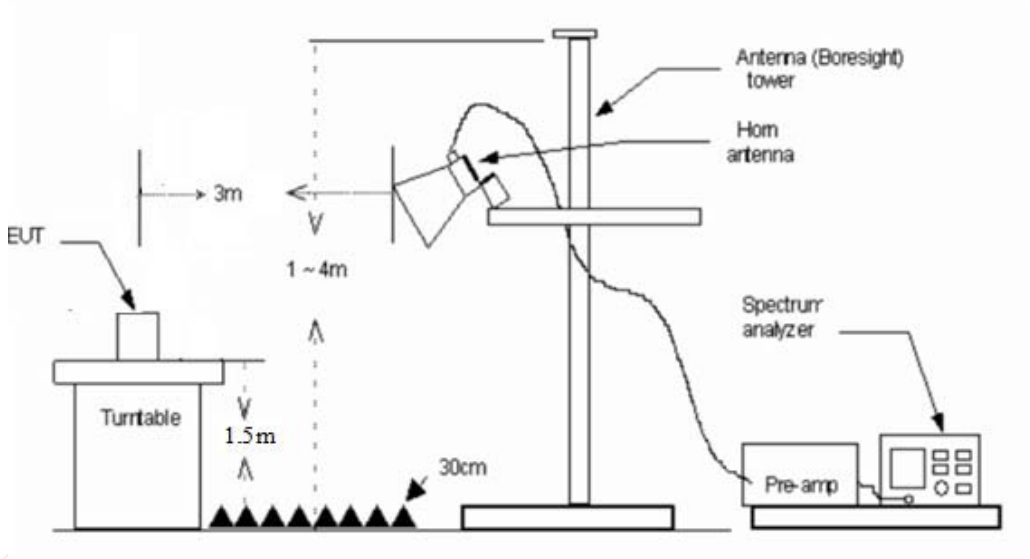


Figure 3. 1GH to 18GHz radiated emissions test configuration

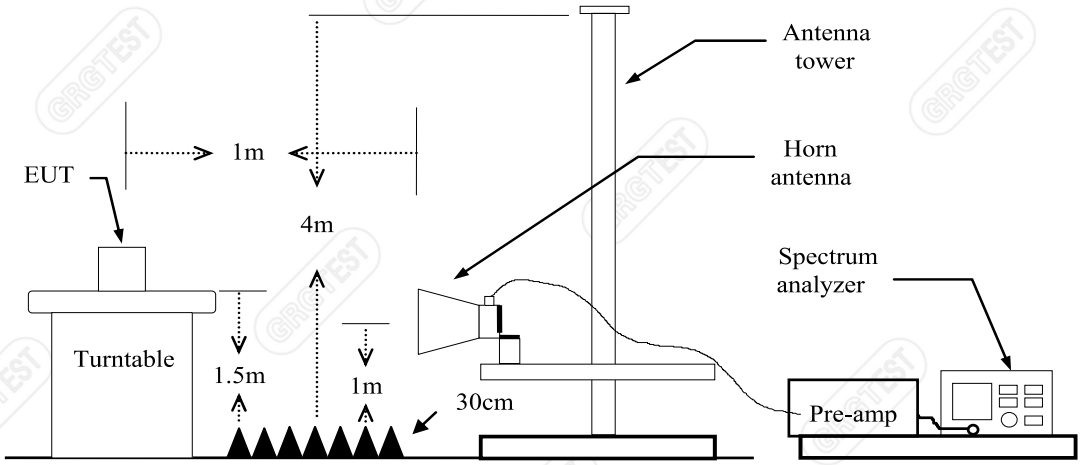


Figure 4. 18GHz to 26.5GHz radiated emissions test configuration

5.4 DATA SAMPLE

30MHz to 1GHz

NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
xxx	xxx	56.35	27.07	-29.28	40.00	12.93	QP	100	20	Horizontal	PASS

Frequency (MHz) = Emission frequency in MHz

Reading (dBµV/m) = Uncorrected Analyzer / Receiver reading

Factor (dB) = Antenna factor + Cable loss – Amplifier gain

Level (dBuV/m) = Reading (dBµV/m) + Factor (dB)

Limit (dBuV/m) = Limit stated in standard

Margin (dB) = Limit (dBuV/m) - Level (dBuV/m)

QP = Quasi-peak Reading

Above 1GHz-18GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	65.45	-11.12	54.33	74.00	-19.67	peak	Vertical
xxx	xxx	63.00	-11.12	51.88	54.00	-2.12	AVG	Vertical

Above 18GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	68.86	57.66	-11.20	83.54	25.88	peak	Vertical
xxx	xxx	68.89	-11.20	57.69	63.54	5.85	AVG	Vertical

Frequency (MHz) = Emission frequency in MHz

Ant.Pol. (H/V) = Antenna polarization

Reading (dBuV) = Uncorrected Analyzer / Receiver reading

Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain

Result (dBuV/m) = Reading (dBuV) + Correction Factor (dB/m)

Limit (dBuV/m) = Limit stated in standard

Margin (dB)	= Remark Result (dBuV/m) – Limit (dBuV/m)
Peak	= Peak Reading
QP	= Quasi-peak Reading
AVG	= Average Reading

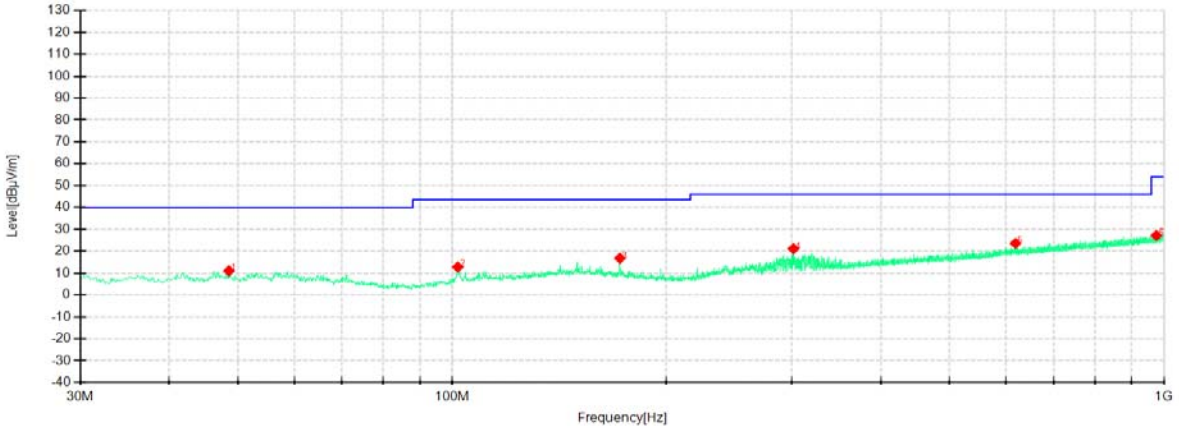
5.5 TEST RESULTS

Below 1GHz

All models were pretested and only the worst case were recorded in this report. (IEEE 802.11n HT40 2452MHz).

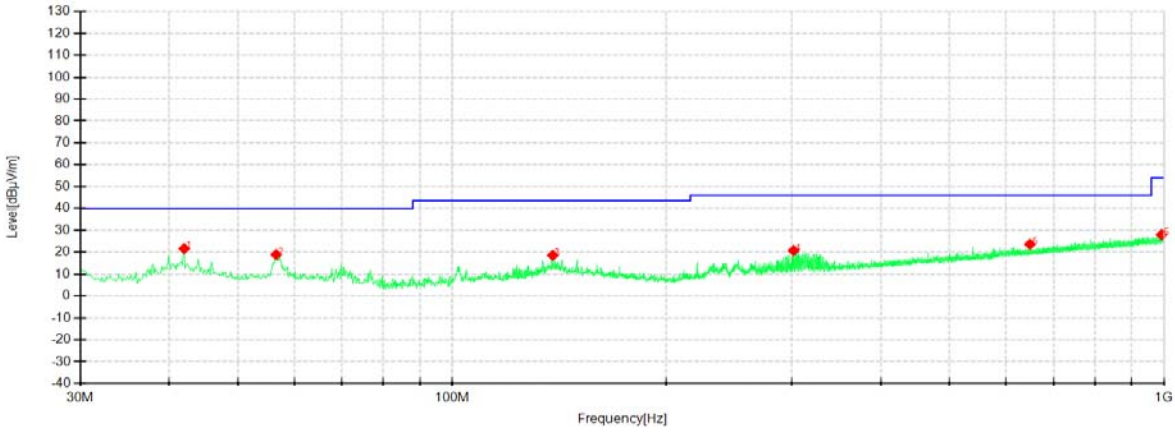
Test Engineer:Zhao yaru Date: 2024-09-29

Environment:24.8℃/62%RH/101.0kPa Test Voltage: DC 12V



NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	48.5536	39.95	11.05	-28.90	40.00	28.95	QP	100	136	Horizontal	PASS
2	101.7890	44.53	12.83	-31.70	43.50	30.67	QP	100	276	Horizontal	PASS
3	172.0015	45.96	16.79	-29.17	43.50	26.71	QP	200	135	Horizontal	PASS
4	301.5127	48.59	21.13	-27.46	46.00	24.87	QP	100	252	Horizontal	PASS
5	618.3785	42.45	23.60	-18.85	46.00	22.40	QP	200	275	Horizontal	PASS
6	975.5044	41.68	27.17	-14.51	54.00	26.83	QP	200	325	Horizontal	PASS

Test Engineer:Zhao yaru Date: 2024-09-29
Environment:24.8℃/62%RH/101.0kPa Test Voltage: DC 12V



NO.	Freq. [MHz]	Reading [dBµV/m]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity	Verdict
1	42.0053	50.87	21.66	-29.21	40.00	18.34	QP	100	261	Vertical	PASS
2	56.5571	48.22	18.94	-29.28	40.00	21.06	QP	100	147	Vertical	PASS
3	138.4111	47.15	18.61	-28.54	43.50	24.89	QP	100	360	Vertical	PASS
4	301.6340	48.22	20.76	-27.46	46.00	25.24	QP	100	58	Vertical	PASS
5	648.0885	42.42	23.64	-18.78	46.00	22.36	QP	100	185	Vertical	PASS
6	991.9965	42.18	28.00	-14.18	54.00	26.00	QP	100	211	Vertical	PASS

Remark:

1 No emission found between lowest internal used/generated frequency to 30MHz.
2 Pre-scan all mode and recorded the worst case results in this report.
3 Measuring frequencies from 9kHz to the 1GHz.
4 Radiated emissions measured in frequency range from 30MHz to 1GHz were made with an instrument using Peak/Quasi-peak detector mode.
5 Data of measurement within this frequency range shown " --- " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
6 The IF bandwidth of SPA between 30MHz to 1GHz was 120kHz.

1GHz-18GHz:

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

Mode: IEEE 802.11b
Lowest Frequency (2412MHz) /
Environment: 24.8℃/62%RH Voltage: DC 12V
Tested By: Zhao yaru Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2497.2000	47.59	47.20	-0.39	74.00	26.80	200	283	Horizontal
2	3144.0000	60.37	47.38	-12.99	74.00	26.62	100	124	Horizontal
3	5757.0000	55.71	50.98	-4.73	74.00	23.02	200	198	Horizontal
4	6750.0000	47.83	47.38	-0.45	74.00	26.62	200	105	Horizontal
5	7336.5000	46.43	48.09	1.66	74.00	25.91	200	150	Horizontal
6	9748.5000	40.44	49.16	8.72	74.00	24.84	200	136	Horizontal
7	2499.8000	36.81	36.44	-0.37	54.00	17.56	100	314	Horizontal
8	3157.5000	53.20	40.18	-13.02	54.00	13.82	100	124	Horizontal
9	5743.5000	46.76	41.90	-4.86	54.00	12.10	200	198	Horizontal
10	6750.0000	41.22	40.77	-0.45	54.00	13.23	200	120	Horizontal
11	7338.0000	36.41	38.07	1.66	54.00	15.93	200	150	Horizontal
12	9972.0000	30.64	39.31	8.67	54.00	14.69	200	150	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1881.4000	48.35	44.22	-4.13	74.00	29.78	100	189	Vertical
2	2506.8000	48.30	47.65	-0.65	74.00	26.35	200	21	Vertical
3	3372.0000	54.99	41.99	-13.00	74.00	32.01	200	185	Vertical
4	5709.0000	54.06	49.08	-4.98	74.00	24.92	100	232	Vertical
5	6750.0000	47.07	46.82	-0.25	74.00	27.18	100	232	Vertical
6	8742.0000	41.67	47.00	5.33	74.00	27.00	100	340	Vertical
7	1896.2000	37.60	33.83	-3.77	54.00	20.17	100	175	Vertical
8	2509.6000	39.20	38.43	-0.77	54.00	15.57	200	345	Vertical
9	3358.5000	45.61	32.53	-13.08	54.00	21.47	200	201	Vertical
10	5707.5000	44.58	39.58	-5.00	54.00	14.42	200	154	Vertical
11	6750.0000	38.63	38.38	-0.25	54.00	15.62	100	216	Vertical
12	8701.5000	29.72	35.63	5.91	54.00	18.37	100	232	Vertical

Mode: IEEE 802.11b
Middle Frequency (2437 MHz) /
Environment: 24.8℃/62%RH Voltage: DC 12V
Tested By: Zhao yaru Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2497.0000	48.01	47.61	-0.40	74.00	26.39	200	330	Horizontal
2	3147.0000	60.70	47.70	-13.00	74.00	26.30	100	123	Horizontal
3	5769.0000	56.84	52.22	-4.62	74.00	21.78	200	198	Horizontal
4	6750.0000	49.68	49.23	-0.45	74.00	24.77	200	166	Horizontal
5	7300.5000	46.43	47.80	1.37	74.00	26.20	200	151	Horizontal
6	9939.0000	40.69	49.52	8.83	74.00	24.48	200	151	Horizontal
7	2500.6000	36.77	36.37	-0.40	54.00	17.63	200	300	Horizontal
8	3157.5000	52.55	39.53	-13.02	54.00	14.47	100	123	Horizontal
9	5725.5000	47.48	42.44	-5.04	54.00	11.56	200	215	Horizontal
10	6750.0000	41.96	41.51	-0.45	54.00	12.49	200	166	Horizontal
11	7345.5000	36.29	38.02	1.73	54.00	15.98	200	166	Horizontal
12	9939.0000	31.03	39.86	8.83	54.00	14.14	200	151	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1906.6000	48.00	44.27	-3.73	74.00	29.73	100	174	Vertical
2	2500.2000	47.40	47.02	-0.38	74.00	26.98	200	286	Vertical
3	3157.5000	54.67	41.31	-13.36	74.00	32.69	100	42	Vertical
4	5734.5000	54.14	49.46	-4.68	74.00	24.54	200	146	Vertical
5	6750.0000	47.59	47.34	-0.25	74.00	26.66	100	118	Vertical
6	10963.5000	38.63	48.22	9.59	74.00	25.78	200	79	Vertical
7	1913.0000	37.41	33.62	-3.79	54.00	20.38	100	174	Vertical
8	2455.8000	40.02	38.61	-1.41	54.00	15.39	100	88	Vertical
9	3157.5000	46.23	32.87	-13.36	54.00	21.13	100	25	Vertical
10	5721.0000	44.88	40.03	-4.85	54.00	13.97	100	228	Vertical
11	6750.0000	39.10	38.85	-0.25	54.00	15.15	100	228	Vertical
12	10978.5000	27.47	37.01	9.54	54.00	16.99	200	247	Vertical

Mode: IEEE 802.11b
Highest Frequency (2462MHz) /
Environment: 24.8℃/62%RH Voltage: DC 12V
Tested By: Zhao yaru Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2500.6000	47.25	46.85	-0.40	74.00	27.15	200	38	Horizontal
2	3160.5000	59.46	46.42	-13.04	74.00	27.58	100	127	Horizontal
3	5701.5000	56.54	51.26	-5.28	74.00	22.74	200	213	Horizontal
4	6750.0000	48.87	48.42	-0.45	74.00	25.58	200	103	Horizontal
5	7314.0000	46.12	47.60	1.48	74.00	26.40	200	151	Horizontal
6	9784.5000	40.70	49.69	8.99	74.00	24.31	200	136	Horizontal
7	2501.8000	36.72	36.26	-0.46	54.00	17.74	100	240	Horizontal
8	3157.5000	52.57	39.55	-13.02	54.00	14.45	100	112	Horizontal
9	5740.5000	46.85	41.96	-4.89	54.00	12.04	200	213	Horizontal
10	6750.0000	41.29	40.84	-0.45	54.00	13.16	200	166	Horizontal
11	7308.0000	37.25	38.68	1.43	54.00	15.32	200	166	Horizontal
12	9822.0000	30.68	39.47	8.79	54.00	14.53	200	151	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1898.6000	47.77	44.06	-3.71	74.00	29.94	100	144	Vertical
2	2517.4000	48.82	47.73	-1.09	74.00	26.27	200	348	Vertical
3	3378.0000	54.79	41.83	-12.96	74.00	32.17	200	184	Vertical
4	5731.5000	54.50	49.79	-4.71	74.00	24.21	100	231	Vertical
5	6750.0000	47.08	46.83	-0.25	74.00	27.17	100	231	Vertical
6	9747.0000	40.23	48.55	8.32	74.00	25.45	200	168	Vertical
7	1919.8000	37.61	33.77	-3.84	54.00	20.23	200	178	Vertical
8	2463.0000	40.04	38.80	-1.24	54.00	15.20	200	18	Vertical
9	3361.5000	45.72	32.65	-13.07	54.00	21.35	200	184	Vertical
10	5725.5000	44.71	39.92	-4.79	54.00	14.08	100	231	Vertical
11	6750.0000	39.81	39.56	-0.25	54.00	14.44	100	231	Vertical
12	9895.5000	29.56	38.12	8.56	54.00	15.88	200	215	Vertical

Mode: IEEE 802.11g
Lowest Frequency (2412MHz) /
Environment: 24.8℃/62%RH Voltage: DC 12V
Tested By: Zhao yaru Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2499.0000	47.26	46.88	-0.38	74.00	27.12	200	206	Horizontal
2	3157.5000	60.33	47.31	-13.02	74.00	26.69	100	112	Horizontal
3	5691.0000	56.54	51.32	-5.22	74.00	22.68	200	214	Horizontal
4	6750.0000	48.87	48.42	-0.45	74.00	25.58	200	166	Horizontal
5	7336.5000	48.15	49.81	1.66	74.00	24.19	200	151	Horizontal
6	9876.0000	41.15	49.59	8.44	74.00	24.41	200	136	Horizontal
7	2495.2000	36.86	36.45	-0.41	54.00	17.55	100	338	Horizontal
8	3157.5000	52.19	39.17	-13.02	54.00	14.83	100	128	Horizontal
9	5767.5000	46.91	42.27	-4.64	54.00	11.73	200	198	Horizontal
10	6750.0000	42.00	41.55	-0.45	54.00	12.45	200	120	Horizontal
11	7314.0000	36.95	38.43	1.48	54.00	15.57	200	166	Horizontal
12	9943.5000	30.83	39.70	8.87	54.00	14.30	200	151	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1902.2000	48.37	44.67	-3.70	74.00	29.33	200	162	Vertical
2	2510.6000	49.32	48.51	-0.81	74.00	25.49	200	22	Vertical
3	2892.2000	48.29	47.07	-1.22	74.00	26.93	200	320	Vertical
4	5706.0000	53.78	48.76	-5.02	74.00	25.24	200	152	Vertical
5	6750.0000	47.37	47.12	-0.25	74.00	26.88	100	214	Vertical
6	9315.0000	40.97	48.06	7.09	74.00	25.94	100	214	Vertical
7	1898.2000	37.83	34.11	-3.72	54.00	19.89	100	192	Vertical
8	2503.4000	38.21	37.69	-0.52	54.00	16.31	200	22	Vertical
9	2892.0000	41.10	39.88	-1.22	54.00	14.12	200	320	Vertical
10	5734.5000	44.50	39.82	-4.68	54.00	14.18	100	236	Vertical
11	6750.0000	39.31	39.06	-0.25	54.00	14.94	100	236	Vertical
12	9234.0000	29.60	36.76	7.16	54.00	17.24	100	323	Vertical

Mode: IEEE 802.11g
Middle Frequency (2437 MHz) /
Environment: 24.8℃/62%RH Voltage: DC 12V
Tested By: Zhao yaru Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2498.6000	47.52	47.13	-0.39	74.00	26.87	200	190	Horizontal
2	3142.5000	61.40	48.41	-12.99	74.00	25.59	100	121	Horizontal
3	5727.0000	56.28	51.25	-5.03	74.00	22.75	200	201	Horizontal
4	6750.0000	48.23	47.78	-0.45	74.00	26.22	200	184	Horizontal
5	7312.5000	46.62	48.09	1.47	74.00	25.91	200	153	Horizontal
6	9844.5000	40.33	48.80	8.47	74.00	25.20	200	184	Horizontal
7	2501.8000	37.15	36.69	-0.46	54.00	17.31	200	331	Horizontal
8	3157.5000	52.75	39.73	-13.02	54.00	14.27	100	121	Horizontal
9	5727.0000	48.15	43.12	-5.03	54.00	10.88	200	201	Horizontal
10	6750.0000	41.76	41.31	-0.45	54.00	12.69	200	184	Horizontal
11	7306.5000	36.73	38.15	1.42	54.00	15.85	200	153	Horizontal
12	9930.0000	30.87	39.62	8.75	54.00	14.38	200	153	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1993.8000	48.64	44.73	-3.91	74.00	29.27	200	146	Vertical
2	2503.2000	48.54	48.03	-0.51	74.00	25.97	200	21	Vertical
3	3138.0000	54.42	41.12	-13.30	74.00	32.88	100	42	Vertical
4	5716.5000	54.25	49.36	-4.89	74.00	24.64	100	229	Vertical
5	6750.0000	47.32	47.07	-0.25	74.00	26.93	100	214	Vertical
6	9906.0000	39.77	48.38	8.61	74.00	25.62	200	183	Vertical
7	2015.4000	38.72	34.80	-3.92	54.00	19.20	100	159	Vertical
8	2501.0000	38.43	38.01	-0.42	54.00	15.99	200	321	Vertical
9	3157.5000	46.62	33.26	-13.36	54.00	20.74	100	42	Vertical
10	5716.5000	44.67	39.78	-4.89	54.00	14.22	100	229	Vertical
11	6750.0000	39.08	38.83	-0.25	54.00	15.17	100	229	Vertical
12	9960.0000	30.25	38.90	8.65	54.00	15.10	200	214	Vertical

Mode: IEEE 802.11g
Highest Frequency (2462MHz)
Environment: 24.8℃/62%RH
Tested By: Zhao yaru

/
Voltage: DC 12V
Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2514.8000	48.11	47.01	-1.10	74.00	26.99	200	359	Horizontal
2	3141.0000	61.05	48.05	-13.00	74.00	25.95	100	119	Horizontal
3	5727.0000	56.62	51.59	-5.03	74.00	22.41	200	197	Horizontal
4	6750.0000	48.70	48.25	-0.45	74.00	25.75	200	167	Horizontal
5	7305.0000	46.43	47.84	1.41	74.00	26.16	200	152	Horizontal
6	9898.5000	40.76	49.24	8.48	74.00	24.76	200	152	Horizontal
7	2499.6000	37.09	36.71	-0.38	54.00	17.29	200	98	Horizontal
8	3157.5000	51.89	38.87	-13.02	54.00	15.13	100	119	Horizontal
9	5734.5000	47.33	42.38	-4.95	54.00	11.62	200	214	Horizontal
10	6750.0000	41.38	40.93	-0.45	54.00	13.07	200	167	Horizontal
11	7314.0000	36.79	38.27	1.48	54.00	15.73	200	167	Horizontal
12	9910.5000	31.49	40.06	8.57	54.00	13.94	200	152	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1962.6000	49.40	45.37	-4.03	74.00	28.63	200	146	Vertical
2	2506.2000	49.09	48.46	-0.63	74.00	25.54	200	347	Vertical
3	3297.0000	54.62	41.85	-12.77	74.00	32.15	200	201	Vertical
4	5718.0000	54.47	49.59	-4.88	74.00	24.41	200	153	Vertical
5	6750.0000	47.19	46.94	-0.25	74.00	27.06	100	229	Vertical
6	9940.5000	39.52	48.30	8.78	74.00	25.70	100	182	Vertical
7	1947.0000	38.22	34.15	-4.07	54.00	19.85	100	158	Vertical
8	2499.0000	39.01	38.62	-0.39	54.00	15.38	200	347	Vertical
9	3351.0000	45.18	32.05	-13.13	54.00	21.95	200	201	Vertical
10	5731.5000	44.44	39.73	-4.71	54.00	14.27	100	229	Vertical
11	6750.0000	39.15	38.90	-0.25	54.00	15.10	100	212	Vertical
12	9903.0000	29.40	38.00	8.60	54.00	16.00	200	216	Vertical

Mode: IEEE 802.11n HT20
Lowest Frequency (2412MHz)
Environment: 24.8℃/62%RH
Tested By: Zhao yaru

/
Voltage: DC 12V
Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2494.0000	47.46	47.03	-0.43	74.00	26.97	100	268	Horizontal
2	3141.0000	60.75	47.75	-13.00	74.00	26.25	100	122	Horizontal
3	5721.0000	56.52	51.43	-5.09	74.00	22.57	200	201	Horizontal
4	6750.0000	49.10	48.65	-0.45	74.00	25.35	200	106	Horizontal
5	7309.5000	45.94	47.38	1.44	74.00	26.62	200	154	Horizontal
6	9952.5000	39.92	48.82	8.90	74.00	25.18	200	140	Horizontal
7	2501.0000	36.55	36.13	-0.42	54.00	17.87	100	316	Horizontal
8	3157.5000	53.12	40.10	-13.02	54.00	13.90	100	122	Horizontal
9	5725.5000	47.30	42.26	-5.04	54.00	11.74	200	201	Horizontal
10	6750.0000	41.66	41.21	-0.45	54.00	12.79	200	106	Horizontal
11	7318.5000	36.74	38.25	1.51	54.00	15.75	200	154	Horizontal
12	9897.0000	31.17	39.64	8.47	54.00	14.36	200	140	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1960.0000	48.02	43.97	-4.05	74.00	30.03	200	175	Vertical
2	2509.4000	47.88	47.12	-0.76	74.00	26.88	200	358	Vertical
3	2892.2000	48.77	47.55	-1.22	74.00	26.45	200	329	Vertical
4	5733.0000	54.14	49.44	-4.70	74.00	24.56	200	154	Vertical
5	6750.0000	47.18	46.93	-0.25	74.00	27.07	100	215	Vertical
6	9900.0000	40.65	49.23	8.58	74.00	24.77	200	215	Vertical
7	1924.8000	37.41	33.53	-3.88	54.00	20.47	200	144	Vertical
8	2506.6000	38.59	37.95	-0.64	54.00	16.05	200	358	Vertical
9	2892.2000	44.16	42.94	-1.22	54.00	11.06	200	329	Vertical
10	5733.0000	45.09	40.39	-4.70	54.00	13.61	200	154	Vertical
11	6750.0000	39.08	38.83	-0.25	54.00	15.17	100	230	Vertical
12	9687.0000	29.42	37.47	8.05	54.00	16.53	100	167	Vertical

Mode: IEEE 802.11n HT20
Middle Frequency (2437 MHz)
Environment: 24.8℃/62%RH
Tested By: Zhao yaru

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Voltage: DC 12V
Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2518.0000	51.34	50.08	-1.26	74.00	23.92	200	52	Horizontal
2	3142.5000	59.76	46.77	-12.99	74.00	27.23	100	119	Horizontal
3	5770.5000	55.97	51.36	-4.61	74.00	22.64	200	200	Horizontal
4	6750.0000	48.57	48.12	-0.45	74.00	25.88	200	106	Horizontal
5	7308.0000	46.70	48.13	1.43	74.00	25.87	200	152	Horizontal
6	9900.0000	40.59	49.07	8.48	74.00	24.93	200	152	Horizontal
7	2518.0000	41.59	40.33	-1.26	54.00	13.67	200	36	Horizontal
8	3157.5000	52.53	39.51	-13.02	54.00	14.49	100	119	Horizontal
9	5730.0000	47.42	42.42	-5.00	54.00	11.58	200	216	Horizontal
10	6750.0000	41.63	41.18	-0.45	54.00	12.82	200	106	Horizontal
11	7308.0000	37.51	38.94	1.43	54.00	15.06	200	169	Horizontal
12	9943.5000	30.38	39.25	8.87	54.00	14.75	200	152	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2093.6000	53.11	49.07	-4.04	74.00	24.93	200	98	Vertical
2	2917.0000	49.12	47.87	-1.25	74.00	26.13	100	328	Vertical
3	3157.5000	55.07	41.71	-13.36	74.00	32.29	100	32	Vertical
4	5766.0000	53.16	48.77	-4.39	74.00	25.23	200	150	Vertical
5	6750.0000	46.59	46.34	-0.25	74.00	27.66	100	139	Vertical
6	9954.0000	39.35	48.11	8.76	74.00	25.89	200	166	Vertical
7	2160.0000	40.06	36.20	-3.86	54.00	17.80	200	336	Vertical
8	2917.2000	43.42	42.17	-1.25	54.00	11.83	200	336	Vertical
9	3157.5000	47.26	33.90	-13.36	54.00	20.10	100	47	Vertical
10	5695.5000	44.39	39.33	-5.06	54.00	14.67	200	150	Vertical
11	6750.0000	39.33	39.08	-0.25	54.00	14.92	100	232	Vertical
12	9664.5000	29.47	37.61	8.14	54.00	16.39	100	172	Vertical

Mode: IEEE 802.11n HT20
Highest Frequency (2462MHz) /
Environment: 24.8℃/62%RH Voltage: DC 12V
Tested By: Zhao yaru Date: 2024-09-29

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2497.0000	47.47	47.07	-0.40	74.00	26.93	100	224	Horizontal
2	3159.0000	59.99	46.96	-13.03	74.00	27.04	100	120	Horizontal
3	5718.0000	56.87	51.76	-5.11	74.00	22.24	200	196	Horizontal
4	6750.0000	49.52	49.07	-0.45	74.00	24.93	200	165	Horizontal
5	7375.5000	46.89	48.58	1.69	74.00	25.42	200	165	Horizontal
6	9889.5000	40.37	48.83	8.46	74.00	25.17	200	149	Horizontal
7	2494.0000	36.64	36.21	-0.43	54.00	17.79	100	332	Horizontal
8	3157.5000	52.69	39.67	-13.02	54.00	14.33	100	120	Horizontal
9	5721.0000	47.53	42.44	-5.09	54.00	11.56	200	212	Horizontal
10	6750.0000	43.69	43.24	-0.45	54.00	10.76	200	165	Horizontal
11	7299.0000	36.61	37.98	1.37	54.00	16.02	200	165	Horizontal
12	9910.5000	30.80	39.37	8.57	54.00	14.63	200	149	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2500.8000	48.47	48.06	-0.41	74.00	25.94	200	313	Vertical
2	2942.0000	48.02	46.78	-1.24	74.00	27.22	200	328	Vertical
3	5700.0000	54.60	49.51	-5.09	74.00	24.49	200	150	Vertical
4	6750.0000	45.98	45.73	-0.25	74.00	28.27	100	211	Vertical
5	9786.0000	39.49	48.24	8.75	74.00	25.76	100	166	Vertical
6	13140.0000	35.28	48.25	12.97	74.00	25.75	200	180	Vertical
7	2497.4000	38.52	38.09	-0.43	54.00	15.91	200	22	Vertical
8	2942.0000	41.55	40.31	-1.24	54.00	13.69	200	328	Vertical
9	5712.0000	45.18	40.23	-4.95	54.00	13.77	200	150	Vertical
10	6750.0000	39.05	38.80	-0.25	54.00	15.20	100	230	Vertical
11	9900.0000	28.90	37.48	8.58	54.00	16.52	100	166	Vertical
12	13500.0000	25.46	38.74	13.28	54.00	15.26	200	180	Vertical