

Test Report

Verified code: 677968

Report No.: E202501107526-7EN

Customer: Huizhou Desay SV Automotive Co., Ltd.

Address: No.103,Hechang 5th Road West, Zhongkai National Hi-tech Industrial Development Zone, Huizhou, Guangdong, P.R. China.

Sample Name: Remote Controller

Sample Model: CL595

Receive Sample Date: Jan.23,2025

Test Date: Feb.06,2025 ~ Feb.12,2025

Reference Document: 47 CFR Part 15 Subpart C Intentional Radiators

Test Result: Pass

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Issued Date: 2025-03-11

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REPORT ISSUED HISTORY

Report Version	Report No.	Description	Compile Date
1.0	E202501107526-7EN	Original Issue	2025-02-25

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1. TEST RESULT SUMMARY

Standard	Item	Limit / Severity	Result
47 CFR Part 15 Subpart C (§15.247) ANSI C63.10-2020 KDB 558074 D01 15.247 measurement guidance v05r02	Antenna Requirement	§15.203	PASS
	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 antenna is metal antenna. The max gain of Antenna is -4.4dBi which accordance 15.203 is considered sufficient to comply with the provisions of this section.

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2. GENERAL DESCRIPTION OF EUT

2.1 APPLICANT

Name: Huizhou Desay SV Automotive Co., Ltd.
Address: No.103,Hechang 5th Road West, Zhongkai National Hi-tech Industrial Development Zone, Huizhou, Guangdong, P.R. China.

2.2 MANUFACTURER

Name: Huizhou Desay SV Automotive Co., Ltd.
Address: No.103,Hechang 5th Road West, Zhongkai National Hi-tech Industrial Development Zone, Huizhou, Guangdong, P.R. China.

2.3 FACTORY

Name: Huizhou Desay SV Automotive Co., Ltd.
Address: No.103,Hechang 5th Road West, Zhongkai National Hi-tech Industrial Development Zone, Huizhou, Guangdong, P.R. China.

2.4 BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

Product Name: Remote Controller
Product Model: CL595
Adding Model: /
Trade Name: DESAY SV
FCC ID: 2AEQT-CL595
Power Supply: DC 3.7V power supplied by Rechargeable Li-ion Battery;
DC 5V power supplied by Charging base.
Battery Model: 544744
Specification: Nominal Capacity: 3.7V,1630mAh,6.031Wh
Frequency Band: 2412MHz-2462MHz for IEEE 802.11b/g/n HT20;
2422MHz-2452MHz for IEEE 802.11n HT40
Transmit Power: IEEE 802.11b: 19.95 dBm
IEEE 802.11g: 23.10 dBm
IEEE 802.11n HT20: 23.17 dBm
IEEE 802.11n HT40: 23.23 dBm
Modulation Type: DSSS for IEEE 802.11b mode;
OFDM for IEEE 802.11g/n mode;
Antenna Specification: Metal antenna with -4.4dBi antenna gain(max)
Temperature Range: -20℃~+60℃
Hardware Version: HW003
Software Version: i3E218
Sample submitting way: ☒ Provided by customer ☐ Sampling

Sample No: E202501107526-0004, E202501107526-0005

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.

2.5 CHANNEL LIST

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n HT20 CH03 – CH9 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

Name of Equipment	Manufacturer	Model	Serial Number	Note
Notebook	DELL	Latitude3300	2C6CFW2	/
Base	/	/	/	/

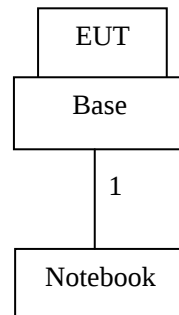
No.	Cable Type	Qty.	Shielded Type	Ferrite Core(Qty.)	Length
1	USB cable	1	No	0	1.2m

Note: ⁽¹⁾ The notebook is just used to produce fixed frequency transmitting.

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2.8 CONFIGURATION OF SYSTEM UNDER TEST

For 6 dB Bandwidth & Power Spectral Density & Maximum Peak Output Power & Conducted band edges and Spurious Emission:



For Radiated Spurious Emission & Restricted bands of operation:



Test software:

Software version
QRCT

Power Setting:

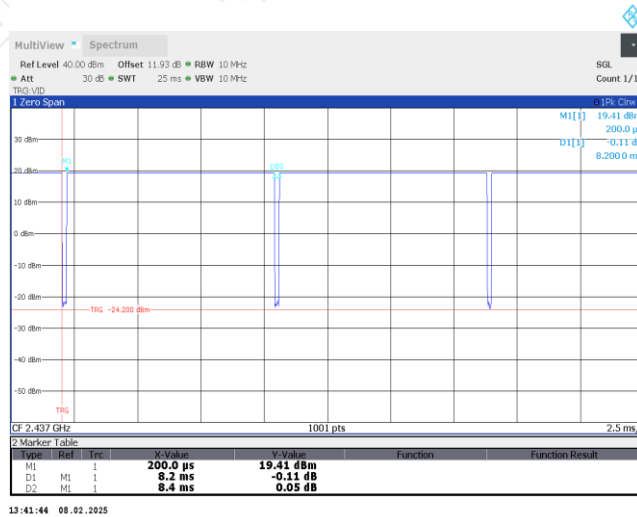
Mode	Date Rate	Frequency (MHz)	Power Setting
IEEE 802.11b	1M	2412	7
		2437	7
		2462	7
IEEE 802.11g	6M	2412	7
		2437	7
		2462	7
IEEE 802.11n HT20	MCS0	2412	7
		2437	7
		2462	7
IEEE 802.11n HT40	MCS0	2422	7
		2437	7
		2452	7

2.9 DUTY CYCLE

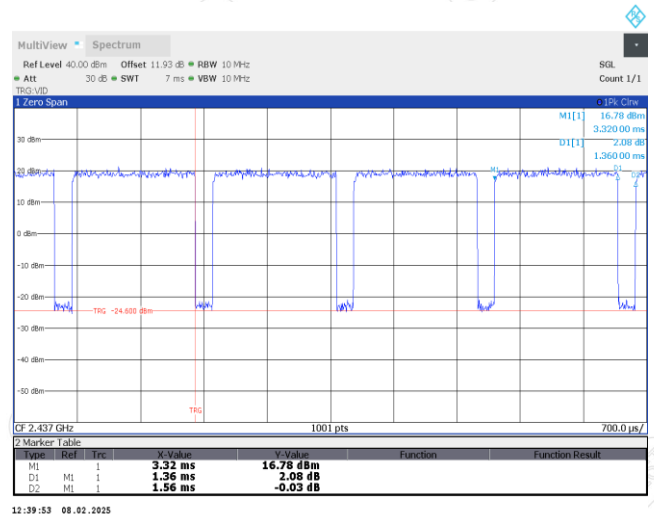
EUT Name	Remote Controller	Model	CL595
Environmental Conditions	22.8°C/48%RH/101.0kPa	Test Voltage	DC 3.7V
Tested By	Qin Tingting	Tested Date	2025-02-08

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	T [s]
IEEE 802.11b	Ant1	2437	8.20	8.40	97.62	0.00820
IEEE 802.11g	Ant1	2437	1.36	1.56	87.18	0.00136
IEEE 802.11n HT20	Ant1	2437	1.28	1.47	87.07	0.00128
IEEE 802.11n HT40	Ant1	2437	0.63	0.83	75.90	0.00063

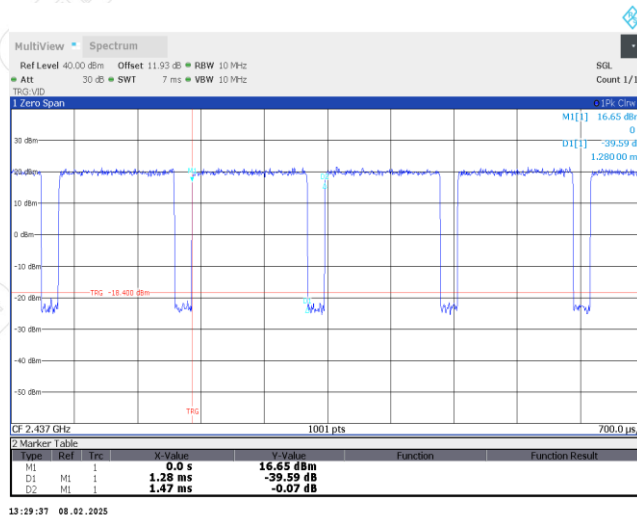
IEEE 802.11b_Ant1_2437MHz



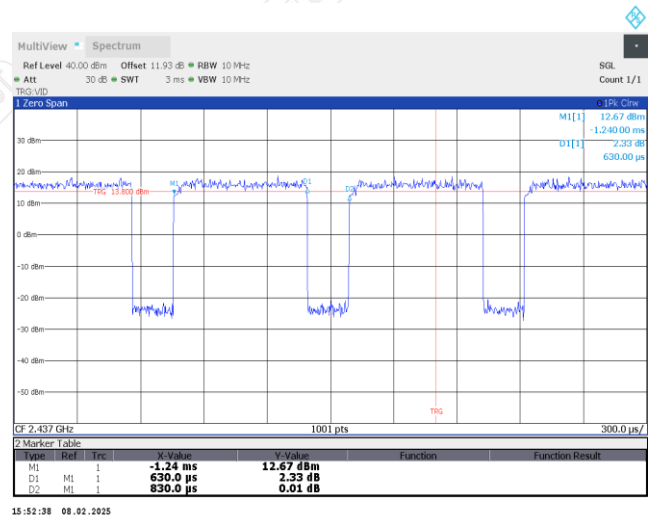
IEEE 802.11g_Ant1_2437MHz



IEEE 802.11n HT20_Ant1_2437MHz



IEEE 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 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. : 518110

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°C

Note:

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

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4. LIST OF USED TEST EQUIPMENT AT GRGT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Radiated Spurious Emission&Restricted bands of operation				
Test Receiver	R&S	ESR26	101758	2025-09-10
Spectrum Analyzer	R&S	FSV3044	101184	2025-07-19
Bi-log Antenna	Schwarzbeck	VULB9160	VULB9160-3402	2025-09-11
Loop Antenna	Schwarzbeck	FMZB 1513-60	1513-60-56	2025-05-07
Horn Antenna	Schwarzbeck	BBHA9120D	02143	2025-09-07
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	BBHA 9170-497	2025-08-30
Amplifier	Tonscend	TAP01018048	AP20E8060075	2025-03-01
Amplifier	Tonscend	TAP184050	AP20E806071	2025-03-01
Amplifier	SHIRONG ELECTRONIC	DLNA-1G18G-G40	20200928005	2025-07-19
Test software	FARAD	EZ_EMC	CCS-03A1	/
Preamplifier	EMEC	EM330	060662	2025-06-14
Test S/W	Tonscend	JS32-RE/5.0.0		
6 dB Bandwidth & Power Spectral Density & Duty cycle				
Automatic power	TONSCEND	JS0806-2	21B8060365	2025-11-15
Spectrum Analyzer	R&S	FSW43	102072	2025-06-14
BT/WIFI System	TONSCEND	JS1120-3	/	/
Maximum Peak Output Power				
Pulse power sensor	Anritsu	MA2411B	1126150	2025-12-07
Power meter	Anritsu	ML2495A	1204003	2025-12-07
Conducted band edges and Spurious Emission				
Automatic power	TONSCEND	JS0806-2	21B8060365	2025-11-15
Spectrum Analyzer	R&S	FSW43	102072	2025-06-14
BT/WIFI System	TONSCEND	JS1120-3	/	/

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

5. RADIATED SPURIOUS EMISSIONS

5.1 LIMITS

In any 100kHz 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 100kHz 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 30dB instead of 20dB. Attenuation below the general limits specified in §15.209(a) is not required.

Frequency (MHz)	Quasi-peak($\mu\text{V/m}$)	Measurement distance(m)	Quasi-peak(dB $\mu\text{V/m}$)@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 9-90kHz and 110-490kHz are based on measurements employing a linear average detector.
- (2) The lower limit shall apply at the transition frequencies.

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.
- The antenna is polarized Coplanar and Coaxial.
- 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:

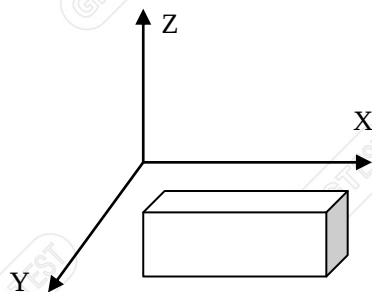
- The turntable rotates from 0 °to 360 °.
- The antenna is polarized vertical and horizontal.
- The antenna height scan range is 1 meter to 4 meter.
- At each turntable position and antenna polarization the analyzer sweeps with peak detection to find the maximum of all emissions

Final measurement:

- The final measurement will be performed with minimum the six highest peaks.
- According to the maximum antenna and turntable positions of pre measurement 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.

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 frequency above 1GHz, for Peak detector: Set RBW=1MHz, RBW=3MHz.
- (d).The frequency above 1GHz, for Avg detector: Set RBW=1MHz, if the EUT is configured to transmit with duty cycle $\geq 98\%$, set $VBW \leq RBW/100$ (i.e.,10kHz) but not less than 10Hz. if the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$, Where T is defined in section 2.9.
- (e).The EUT was tested under 3-axes(X,Y,Z) position(X denotes lying on the table,Y denotes horizontal stand and Z denotes vertical stand), After pre-test, It was found that the worst case radiated spurious emissions was both the EUT at the Y position. So the data shown was the Y position only.



5.3 TEST SETUP

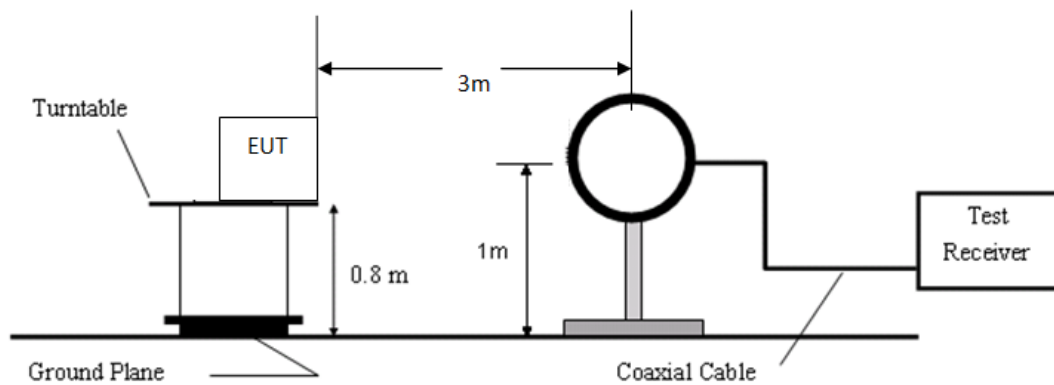


Figure 1. 9kHz to 30MHz radiated emissions test configuration

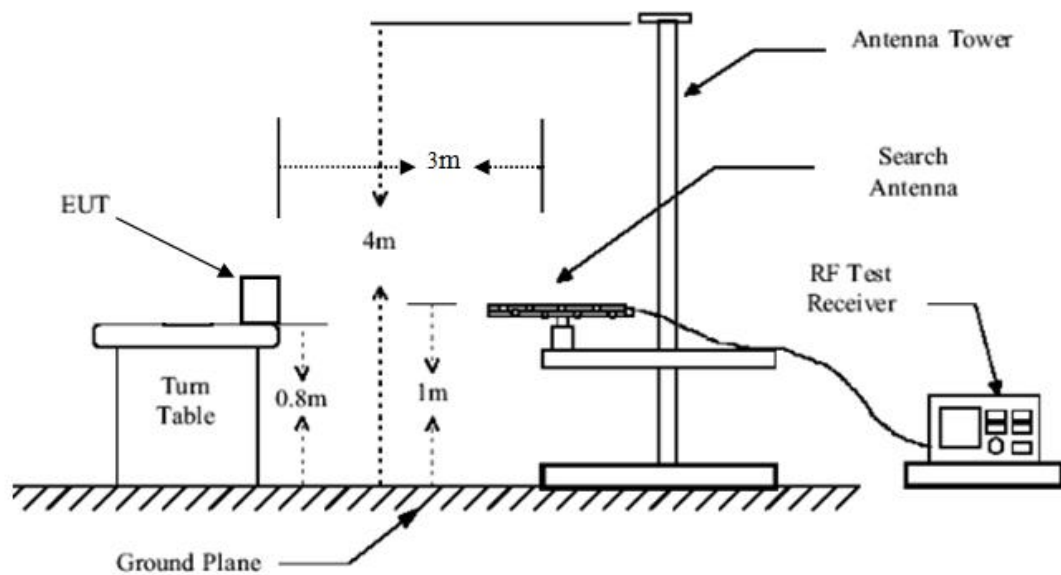


Figure 2. 30MHz to 1GHz radiated emissions test configuration

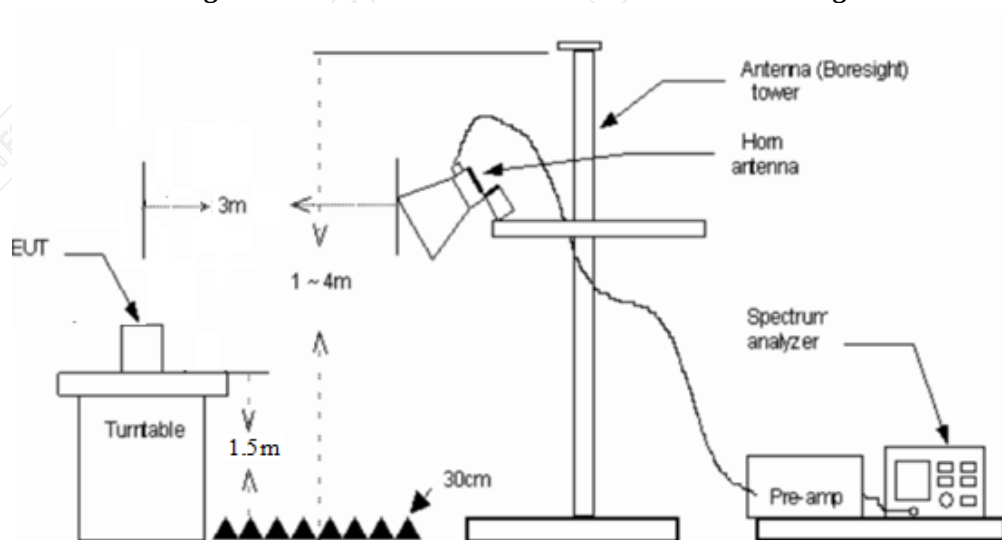


Figure 3. 1GHz to 18GHz radiated emissions test configuration

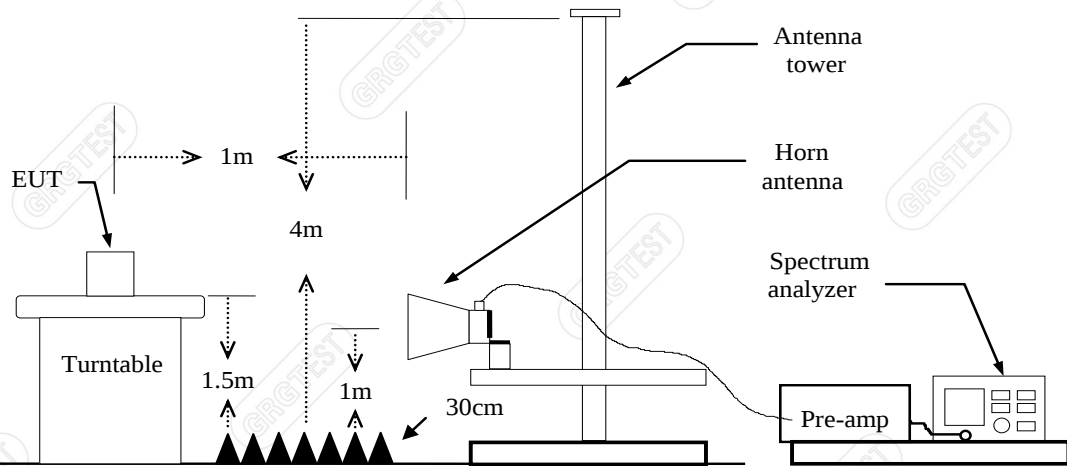


Figure 4.18GHz to 26.5GHz radiated emissions test configuration

5.4 DATA SAMPLE

Below 1GHz

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Detector type
XXXX	63.53	-27.15	36.38	43.50	-7.12	0	100	QP

Frequency (MHz) = Emission frequency in MHz

Reading (dBuV) = Uncorrected Analyzer / Receiver reading

Result (dBuV/m) = Reading (dBuV) + Corr. Factor (dB/m)

Limit (dBuV/m) = Limit stated in standard

Margin (dB) = Result (dBuV/m) – Limit(dBuV/m)

QP = Quasi-peak Reading

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1GHz-18GHz

No.	Freq. [MHz]	Reading [dB μ V/m]	Level [dB μ V/m]	Factor [dB]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Remark
xxx	xxxx	78.01	55.30	-22.71	74.00	18.70	100	50	Horizontal	Peak
xxx	xxxx	66.37	43.66	-22.71	54.00	10.34	100	50	Horizontal	AVG

Above 18GHz**Suspected Data List**

NO.	Freq. [MHz]	Reading [dB μ V/m]	Level for 1m [dB μ V/m]	Level for 3m [dB μ V/m]	Factor [dB]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Remark
xxx	xxxx	54.49	42.38	32.84	-12.11	74	41.16	100	211	Horizontal	Peak
xxx	xxxx	43.99	31.88	22.34	-12.11	54	31.66	100	211	Horizontal	AVG

Frequency (MHz)

= Emission frequency in MHz

Reading (dB μ V/m)

= Uncorrected Analyzer / Receiver reading

Factor (dB)

= Antenna factor + Cable loss – Amplifier gain

Level for 1m (dB μ V/m)= Reading (dB μ V/m) + Factor (dB)Level for 3m (dB μ V/m)= Level for 1m (dB μ V/m) + 20*log(1/3)Limit (dB μ V/m)

= Limit stated in standard

Margin (dB)

= Limit (dB μ V/m) – Level (dB μ V/m)

Polarity

= Antenna polarization

Peak

= Peak Reading

AVG

= Average Reading

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5.5 TEST RESULTS

Below 1GHz

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

Mode: IEEE 802.11n HT40

Highest Frequency (2452MHz)

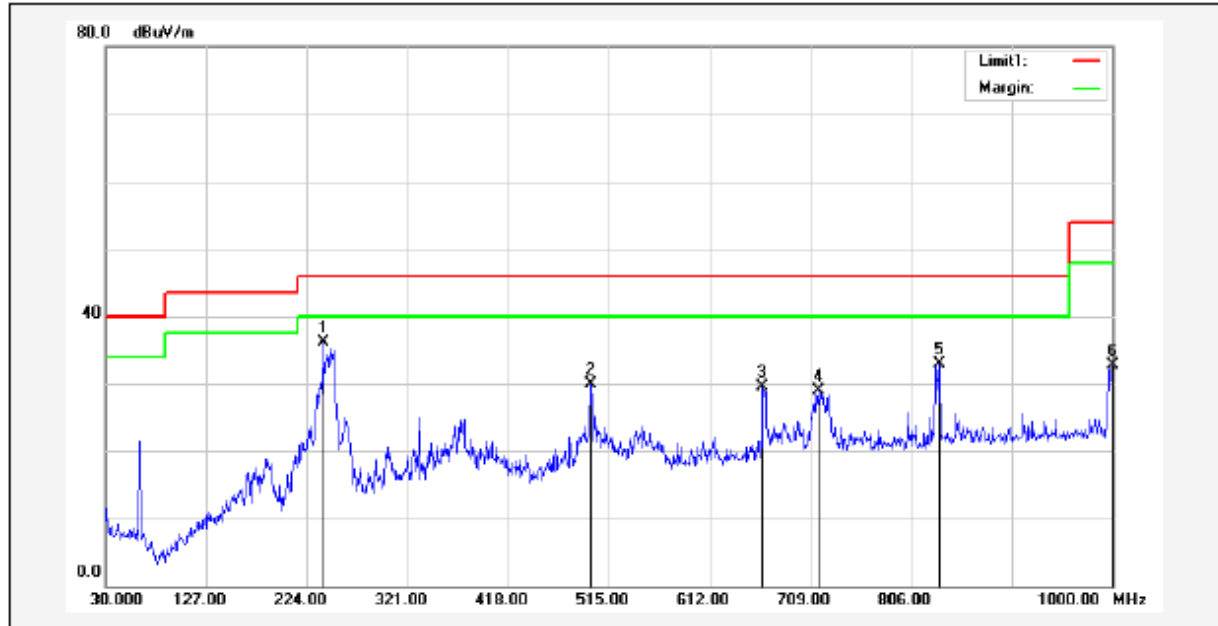
Environment: 21.9°C/42%RH/101.0kPa

Test Engineer: Qin Tingting

Date: 2025-02-07

Test Voltage: DC 3.7V

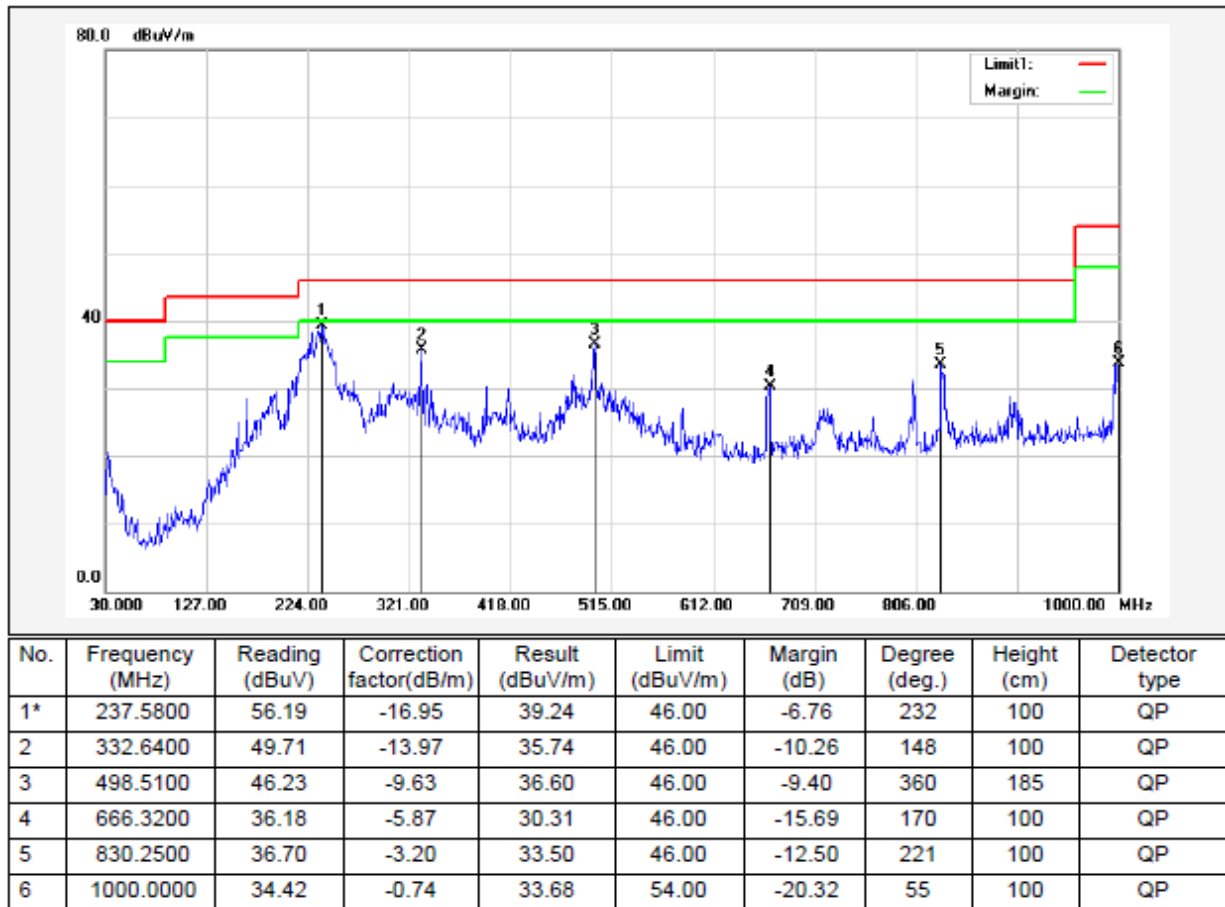
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Degree (deg.)	Height (cm)	Detector type
1*	239.5200	53.04	-16.87	36.17	46.00	-9.83	358	100	QP
2	497.5400	39.55	-9.65	29.90	46.00	-16.10	69	200	QP
3	663.4100	35.50	-5.92	29.58	46.00	-16.42	57	200	QP
4	717.7300	33.73	-4.88	28.85	46.00	-17.15	254	100	QP
5	834.1300	35.98	-3.14	32.84	46.00	-13.16	109	200	QP
6	1000.0000	33.37	-0.74	32.63	54.00	-21.37	299	100	QP

Mode: IEEE 802.11n HT40
 Highest Frequency (2452MHz)
 Environment: 21.9°C/42%RH/101.0kPa
 Test Engineer: Qin Tingting

Date: 2025-02-07
 Test Voltage: DC 3.7V
 Probe : Vertical



Remark:

- 1 No emission found between lowest internal used/generated frequency to 30MHz.
- 2 Radiated emissions measured in frequency range from 9kHz to 1GHz were made with an instrument using Quasi-peak detector mode.
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.
- 3 The IF bandwidth of Receiver between 30MHz to 1GHz was 120kHz.
- 4 If the margin of the pre test results is greater than 6db, it meets the requirements of quasipeak or average values, and final testing is no longer required.

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: 21.5°C/49%RH/101.0kPa

Tested By:Qin Tingting

Date: 2025-02-12

Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1947.4000	47.56	43.00	-4.56	74.00	31.00	100	248	Horizontal
2	2498.4000	46.68	46.49	-0.19	74.00	27.51	200	117	Horizontal
3	4671.0000	49.15	41.18	-7.97	74.00	32.82	100	165	Horizontal
4	8106.0000	41.97	44.99	3.02	74.00	29.01	200	218	Horizontal
5	13098.0000	34.67	50.81	16.14	74.00	23.19	100	99	Horizontal
6	14695.5000	35.75	50.38	14.63	74.00	23.62	200	231	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13097.9658	16.14	22.64	38.78	54.00	15.22	100	99	Horizontal
2	14695.5000	14.63	23.39	38.02	54.00	15.98	200	231	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	1692.6000	47.14	39.76	-7.38	74.00	34.24	100	64	Vertical
2	2887.2000	47.66	46.53	-1.13	74.00	27.47	200	300	Vertical
3	5370.0000	47.37	41.85	-5.52	74.00	32.15	100	32	Vertical
4	9343.5000	40.41	47.37	6.96	74.00	26.63	100	100	Vertical
5	14704.5000	34.84	52.99	18.15	74.00	21.01	100	350	Vertical
6	17893.5000	35.82	49.03	13.21	74.00	24.97	100	326	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14704.5108	18.09	23.43	41.52	54.00	12.48	100	138	Vertical
2	17893.4963	13.21	24.36	37.57	54.00	16.43	100	326	Vertical

Mode: IEEE 802.11b
 Middle Frequency (2437MHz)
 Environment: 21.5°C/49%RH/101.0kPa
 Tested By:Qin Tingting

Date: 2025-02-12
 Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1410.2000	47.37	39.41	-7.96	74.00	34.59	100	347	Horizontal
2	2938.6000	47.13	46.08	-1.05	74.00	27.92	100	245	Horizontal
3	4923.0000	48.82	41.90	-6.92	74.00	32.10	200	135	Horizontal
4	7263.0000	43.47	44.41	0.94	74.00	29.59	100	76	Horizontal
5	13114.5000	35.03	50.82	15.79	74.00	23.18	200	39	Horizontal
6	17997.0000	36.99	48.26	11.27	74.00	25.74	100	340	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13114.5231	15.75	22.75	38.54	54.00	15.46	100	36	Horizontal
2	17996.8854	11.27	25.14	36.41	54.00	17.59	100	340	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	1518.0000	47.55	40.07	-7.48	74.00	33.93	200	344	Vertical
2	2783.2000	48.14	46.25	-1.89	74.00	27.75	100	214	Vertical
3	6538.5000	44.80	43.78	-1.02	74.00	30.22	200	177	Vertical
4	9847.5000	40.17	48.99	8.82	74.00	25.01	100	145	Vertical
5	14712.0000	35.18	52.99	17.81	74.00	21.01	100	131	Vertical
6	17869.5000	37.02	49.69	12.67	74.00	24.31	200	87	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9848.6859	8.80	35.11	43.93	54.00	10.07	100	66	Vertical
2	14711.8367	17.81	23.18	40.99	54.00	13.01	100	131	Vertical
3	17868.7650	12.67	25.43	38.10	54.00	15.90	200	87	Vertical

Mode: IEEE 802.11b
Highest Frequency (2462MHz)
Environment: 21.5°C/49%RH/101.0kPa
Tested By:Qin Tingting

Date: 2025-02-12
Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1348.2000	47.04	39.23	-7.81	74.00	34.77	100	85	Horizontal
2	2498.8000	46.69	46.51	-0.18	74.00	27.49	200	142	Horizontal
3	4923.0000	48.64	41.72	-6.92	74.00	32.28	200	139	Horizontal
4	9339.0000	40.01	46.94	6.93	74.00	27.06	200	86	Horizontal
5	13098.0000	34.39	50.53	16.14	74.00	23.47	100	230	Horizontal
6	17989.5000	37.04	48.19	11.15	74.00	25.81	200	20	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13104.2600	16.14	22.79	38.93	54.00	15.07	200	206.9	Horizontal
2	17999.6050	11.15	25.69	36.84	54.00	17.16	137	336.9	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	1746.2000	47.99	41.49	-6.50	74.00	32.51	100	180	Vertical
2	2501.8000	46.61	46.07	-0.54	74.00	27.93	100	34	Vertical
3	6576.0000	45.36	44.16	-1.20	74.00	29.84	100	59	Vertical
4	9778.5000	38.91	47.93	9.02	74.00	26.07	200	360	Vertical
5	14703.0000	34.80	53.02	18.22	74.00	20.98	200	336	Vertical
6	17895.0000	35.68	48.92	13.24	74.00	25.08	200	204	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14700.6550	18.22	23.21	41.43	54.00	12.57	100	154.5	Vertical
2	17899.6650	13.24	24.13	37.37	54.00	16.63	190	182.2	Vertical

Mode: IEEE 802.11g
Lowest Frequency (2412MHz)
Environment: 21.5°C/49%RH/101.0kPa
Tested By:Qin Tingting

Date: 2025-02-12
Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1305.8000	47.51	39.32	-8.19	74.00	34.68	200	197	Horizontal
2	2470.4000	47.01	46.50	-0.51	74.00	27.50	200	222	Horizontal
3	4434.0000	49.11	40.44	-8.67	74.00	33.56	100	21	Horizontal
4	6717.0000	45.40	44.68	-0.72	74.00	29.32	200	33	Horizontal
5	13095.0000	34.66	50.67	16.01	74.00	23.33	100	359	Horizontal
6	14704.5000	34.73	49.49	14.76	74.00	24.51	200	220	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13094.9763	16.01	22.19	38.20	54.00	15.80	100	359	Horizontal
2	14704.5208	14.74	24.46	39.20	54.00	14.80	200	59	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	1511.4000	47.02	39.60	-7.42	74.00	34.40	200	172	Vertical
2	2501.0000	47.50	46.98	-0.52	74.00	27.02	100	153	Vertical
3	4218.0000	49.05	39.81	-9.24	74.00	34.19	200	149	Vertical
4	7639.5000	43.95	45.49	1.54	74.00	28.51	100	22	Vertical
5	14704.5000	34.75	52.90	18.15	74.00	21.10	200	112	Vertical
6	17925.0000	36.21	48.70	12.49	74.00	25.30	100	152	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14704.5321	18.09	23.65	41.80	54.00	12.20	100	190	Vertical
2	17925.0057	12.44	24.41	36.90	54.00	17.10	200	294	Vertical

Mode: IEEE 802.11g
Middle Frequency (2437MHz)
Environment: 21.5°C/49%RH/101.0kPa
Tested By:Qin Tingting

Date: 2025-02-12
Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1885.2000	47.21	42.71	-4.50	74.00	31.29	100	218	Horizontal
2	2498.8000	46.48	46.30	-0.18	74.00	27.70	200	341	Horizontal
3	5373.0000	47.47	41.41	-6.06	74.00	32.59	200	58	Horizontal
4	9261.0000	40.10	47.38	7.28	74.00	26.62	100	174	Horizontal
5	13105.5000	35.55	51.61	16.06	74.00	22.39	200	281	Horizontal
6	17988.0000	36.76	47.89	11.13	74.00	26.11	200	242	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13105.5230	16.02	22.76	38.82	54.00	15.18	200	216	Horizontal
2	17988.1228	11.15	25.13	36.26	54.00	17.74	100	46	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	1785.4000	49.72	43.60	-6.12	74.00	30.40	200	44	Vertical
2	2946.2000	46.47	46.17	-0.30	74.00	27.83	100	339	Vertical
3	4495.5000	48.65	40.54	-8.11	74.00	33.46	200	163	Vertical
4	7303.5000	43.86	45.18	1.32	74.00	28.82	100	241	Vertical
5	14707.5000	36.80	54.82	18.02	74.00	19.18	100	20	Vertical
6	17880.0000	36.36	49.27	12.91	74.00	24.73	100	189	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14700.0525	18.02	23.49	41.51	54.00	12.49	200	43	Vertical
2	17880.0000	12.91	24.45	37.36	54.00	16.64	100	189	Vertical

Mode: IEEE 802.11g
Highest Frequency (2462MHz)
Environment: 21.5°C/49%RH/101.0kPa
Tested By:Qin Tingting

Date: 2025-02-12
Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1920.2000	46.90	42.61	-4.29	74.00	31.39	100	287	Horizontal
2	2504.0000	47.10	46.73	-0.37	74.00	27.27	200	326	Horizontal
3	5146.5000	47.53	41.55	-5.98	74.00	32.45	200	46	Horizontal
4	10563.0000	38.48	47.96	9.48	74.00	26.04	200	254	Horizontal
5	14718.0000	35.94	50.46	14.52	74.00	23.54	200	164	Horizontal
6	17994.0000	36.53	47.76	11.23	74.00	26.24	100	309	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14718.4500	14.48	25.33	39.81	54.00	14.19	200	32	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	1512.8000	46.74	39.31	-7.43	74.00	34.69	200	327	Vertical
2	1897.2000	47.41	42.77	-4.64	74.00	31.23	200	142	Vertical
3	2499.4000	46.97	46.49	-0.48	74.00	27.51	200	117	Vertical
4	5968.5000	46.14	42.29	-3.85	74.00	31.71	200	260	Vertical
5	14698.5000	34.51	52.74	18.23	74.00	21.26	100	360	Vertical
6	17902.5000	36.56	49.83	13.27	74.00	24.17	100	286	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14698.5159	18.35	23.43	41.66	54.00	12.34	200	142	Vertical
2	17902.4283	13.27	25.16	38.43	54.00	15.57	100	286	Vertical

Mode: IEEE 802.11n HT20
 Lowest Frequency (2412MHz)
 Environment: 21.5°C/49%RH/101.0kPa
 Tested By:Qin Tingting

Date: 2025-02-12
 Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1894.8000	46.61	42.39	-4.22	74.00	31.61	100	51	Horizontal
2	2977.6000	46.76	46.15	-0.61	74.00	27.85	100	339	Horizontal
3	4813.5000	48.80	41.27	-7.53	74.00	32.73	200	244	Horizontal
4	7932.0000	42.12	45.37	3.25	74.00	28.63	100	165	Horizontal
5	13090.5000	35.62	51.43	15.81	74.00	22.57	200	59	Horizontal
6	14710.5000	34.94	49.60	14.66	74.00	24.40	200	335	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13090.4852	15.81	22.84	38.65	54.00	15.35	200	59	Horizontal
2	14710.5107	14.62	24.18	38.80	54.00	15.20	100	335	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	1498.4000	46.78	39.44	-7.34	74.00	34.56	100	300	Vertical
2	2390.4000	48.52	45.73	-2.79	74.00	28.27	100	156	Vertical
3	5883.0000	45.71	41.50	-4.21	74.00	32.50	100	85	Vertical
4	8718.0000	41.13	46.94	5.81	74.00	27.06	200	321	Vertical
5	14709.0000	35.28	53.22	17.94	74.00	20.78	100	282	Vertical
6	17896.5000	36.33	49.60	13.27	74.00	24.40	200	215	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14709.0079	17.88	23.57	41.51	54.00	12.49	100	321	Vertical
2	17896.5143	13.30	24.14	37.44	54.00	16.56	200	20	Vertical

Mode: IEEE 802.11n HT20
 Middle Frequency (2437 MHz)
 Environment: 21.5°C/49%RH/101.0kPa
 Tested By:Qin Tingting

Date: 2025-02-12
 Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1898.4000	46.57	42.44	-4.13	74.00	31.56	200	91	Horizontal
2	2943.8000	47.01	46.06	-0.95	74.00	27.94	100	209	Horizontal
3	4063.5000	50.33	39.71	-10.62	74.00	34.29	200	48	Horizontal
4	6682.5000	45.41	44.62	-0.79	74.00	29.38	100	99	Horizontal
5	13089.0000	34.39	50.13	15.74	74.00	23.87	200	242	Horizontal
6	17997.0000	36.79	48.06	11.27	74.00	25.94	200	152	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13089.0127	15.81	22.68	38.49	54.00	15.51	200	165	Horizontal
2	17997.1158	11.29	25.78	37.07	54.00	16.93	200	293	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	1897.6000	46.97	42.33	-4.64	74.00	31.67	100	314	Vertical
2	2932.4000	46.67	46.14	-0.53	74.00	27.86	100	40	Vertical
3	4528.5000	48.69	40.42	-8.27	74.00	33.58	100	217	Vertical
4	7338.0000	43.03	44.90	1.87	74.00	29.10	100	244	Vertical
5	14698.5000	34.29	52.52	18.23	74.00	21.48	200	212	Vertical
6	17871.0000	36.85	49.55	12.70	74.00	24.45	200	130	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14698.5277	18.35	22.98	41.33	54.00	12.67	200	314	Vertical
2	17870.8953	12.70	25.07	37.77	54.00	16.23	200	130	Vertical

Mode: IEEE 802.11n HT20
Highest Frequency (2462MHz)
Environment: 21.5°C/49%RH/101.0kPa
Tested By:Qin Tingting

Date: 2025-02-12
Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1912.4000	47.03	42.82	-4.21	74.00	31.18	100	260	Horizontal
2	2941.6000	47.50	46.51	-0.99	74.00	27.49	100	340	Horizontal
3	6675.0000	45.44	44.64	-0.80	74.00	29.36	100	60	Horizontal
4	8736.0000	40.94	47.08	6.14	74.00	26.92	100	244	Horizontal
5	13098.0000	34.77	50.91	16.14	74.00	23.09	100	34	Horizontal
6	14698.5000	35.64	50.42	14.78	74.00	23.58	100	179	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13097.8699	16.14	23.49	39.63	54.00	14.37	100	34	Horizontal
2	14698.5344	14.85	24.36	39.14	54.00	14.86	100	192	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	1906.2000	47.61	42.98	-4.63	74.00	31.02	200	103	Vertical
2	2522.6000	47.54	46.13	-1.41	74.00	27.87	200	272	Vertical
3	5116.5000	47.41	41.52	-5.89	74.00	32.48	200	73	Vertical
4	10383.0000	38.08	47.89	9.81	74.00	26.11	100	349	Vertical
5	14704.5000	35.93	54.08	18.15	74.00	19.92	100	243	Vertical
6	17914.5000	36.16	49.01	12.85	74.00	24.99	100	125	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14700.0275	18.15	23.21	41.36	54.00	12.64	100	198.2	Vertical
2	17914.1536	12.85	24.58	37.43	54.00	16.57	100	125	Vertical

Mode: IEEE 802.11n HT40
 Lowest Frequency (2422MHz)
 Environment: 21.5°C/49%RH/101.0kPa
 Tested By:Qin Tingting

Date: 2025-02-12
 Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1893.0000	46.98	42.71	-4.27	74.00	31.29	200	340	Horizontal
2	2983.4000	46.35	45.79	-0.56	74.00	28.21	100	37	Horizontal
3	6729.0000	44.75	44.05	-0.70	74.00	29.95	100	32	Horizontal
4	9738.0000	39.23	47.77	8.54	74.00	26.23	200	58	Horizontal
5	13092.0000	34.82	50.70	15.88	74.00	23.30	200	268	Horizontal
6	17991.0000	37.57	48.74	11.17	74.00	25.26	200	282	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13092.2357	15.94	23.04	38.98	54.00	15.02	100	323	Horizontal
2	17991.3813	11.21	25.23	36.44	54.00	17.56	200	125	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	1893.8000	48.24	43.51	-4.73	74.00	30.49	100	245	Vertical
2	2932.6000	46.63	46.11	-0.52	74.00	27.89	100	25	Vertical
3	5115.0000	47.50	41.61	-5.89	74.00	32.39	200	359	Vertical
4	7866.0000	42.32	44.98	2.66	74.00	29.02	200	59	Vertical
5	14709.0000	35.25	53.19	17.94	74.00	20.81	200	216	Vertical
6	17892.0000	35.76	48.94	13.18	74.00	25.06	100	176	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14709.2361	17.88	22.38	40.26	54.00	13.74	200	178	Vertical
2	17892.0000	13.18	24.56	37.74	54.00	16.26	100	176	Vertical

Mode: IEEE 802.11n HT40
Middle Frequency (2437 MHz)
Environment: 21.5°C/49%RH/101.0kPa
Tested By:Qin Tingting

Date: 2025-02-12
Voltage:DC 3.7V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1891.0000	47.40	43.07	-4.33	74.00	30.93	100	0	Horizontal
2	2970.6000	47.50	46.83	-0.67	74.00	27.17	100	339	Horizontal
3	4906.5000	48.00	40.97	-7.03	74.00	33.03	100	20	Horizontal
4	8931.0000	41.53	47.62	6.09	74.00	26.38	100	216	Horizontal
5	13095.0000	35.09	51.10	16.01	74.00	22.90	200	73	Horizontal
6	17998.5000	37.11	48.40	11.29	74.00	25.60	200	359	Horizontal

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13095.0056	16.07	23.11	39.12	54.00	14.88	200	59	Horizontal
2	17998.5142	11.31	24.26	35.55	54.00	18.45	200	348	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	1340.2000	47.75	38.81	-8.94	74.00	35.19	200	261	Vertical
2	2500.4000	47.37	46.88	-0.49	74.00	27.12	200	104	Vertical
3	5035.5000	47.81	41.63	-6.18	74.00	32.37	200	282	Vertical
4	9561.0000	39.86	47.92	8.06	74.00	26.08	200	113	Vertical
5	14704.5000	34.63	52.78	18.15	74.00	21.22	100	33	Vertical
6	17881.5000	36.43	49.36	12.93	74.00	24.64	200	309	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14704.4988	18.15	22.83	40.98	54.00	13.02	100	33	Vertical
2	17881.5286	12.97	24.51	37.48	54.00	16.52	200	229	Vertical

Mode: IEEE 802.11n HT40
 Highest Frequency (2452MHz)
 Environment: 21.5°C/49%RH/101.0kPa
 Tested By:Qin Tingting

Date: 2025-02-12
 Voltage:DC 3.7V

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1886.6000	47.10	42.65	-4.45	74.00	31.35	200	90	Horizontal
2	2932.4000	46.98	45.82	-1.16	74.00	28.18	100	39	Horizontal
3	5038.5000	47.27	41.07	-6.20	74.00	32.93	100	360	Horizontal
4	10086.0000	38.84	47.58	8.74	74.00	26.42	200	165	Horizontal
5	13099.5000	34.50	50.71	16.21	74.00	23.29	200	20	Horizontal
6	17998.5000	36.60	47.89	11.29	74.00	26.11	200	33	Horizontal

AV Final Data List

NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	13099.5369	16.20	22.85	39.05	54.00	14.95	200	350	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	1246.6000	47.76	39.17	-8.59	74.00	34.83	100	222	Vertical
2	1786.0000	50.88	44.76	-6.12	74.00	29.24	200	142	Vertical
3	2920.4000	46.54	45.81	-0.73	74.00	28.19	100	209	Vertical
4	6885.0000	44.82	44.02	-0.80	74.00	29.98	200	284	Vertical
5	14695.5000	34.97	52.94	17.97	74.00	21.06	200	45	Vertical
6	17892.0000	36.66	49.84	13.18	74.00	24.16	200	126	Vertical

AV Final Data List

NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	14695.5116	18.10	23.07	41.17	54.00	12.83	100	47	Vertical
2	17891.9889	13.18	24.13	37.31	54.00	16.69	200	126	Vertical

18GHz-26.5GHz:

Pre-scan all modes and recorded the worst case results in this report.(IEEE 802.11n HT40)

The peak test results is less than the average limits, so the average test results had not reported.

Mode: IEEE 802.11n HT40

Lowest Frequency (2422MHz)

Environment: 23.3℃/48%RH/101.0kPa

Tested By:Qin Tingting

Date: 2025-02-07

Voltage:DC 3.7V

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	19136.0250	47.63	50.70	41.16	3.07	74	32.84	100	242	Horizontal
2	19643.4750	47.25	50.63	41.09	3.38	74	32.91	100	341	Horizontal
3	20489.6500	46.79	50.71	41.17	3.92	74	32.83	100	242	Horizontal
4	22282.3000	45.41	48.90	39.36	3.49	74	34.64	100	60	Horizontal
5	23383.4750	44.25	48.93	39.39	4.68	74	34.61	100	201	Horizontal
6	24790.6500	43.02	48.55	39.01	5.53	74	34.99	100	20	Horizontal

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18596.7000	47.43	50.28	40.74	2.85	74	33.26	100	181	Vertical
2	19804.9750	47.41	51.38	41.84	3.97	74	32.16	100	122	Vertical
3	21586.5750	45.71	49.96	40.42	4.25	74	33.58	100	302	Vertical
4	23500.3500	45.26	50.22	40.68	4.96	74	33.32	100	261	Vertical
5	24709.9000	44.06	50.07	40.53	6.01	74	33.47	100	2	Vertical
6	26499.1500	42.73	48.97	39.43	6.24	74	34.57	100	21	Vertical

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Mode: IEEE 802.11n HT40
Middle Frequency (2437MHz)
Environment: 23.3°C/48%RH/101.0kPa
Tested By:Qin Tingting

Date: 2025-02-07
Voltage:DC 3.7V

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18597.1250	47.46	50.29	40.75	2.83	74	33.25	100	180	Horizontal
2	19472.2000	47.37	50.60	41.06	3.23	74	32.94	100	260	Horizontal
3	21082.5250	46.57	50.63	41.09	4.06	74	32.91	100	101	Horizontal
4	23476.1250	44.46	49.12	39.58	4.66	74	34.42	100	220	Horizontal
5	24853.1250	43.05	48.56	39.02	5.51	74	34.98	100	279	Horizontal
6	26209.7250	42.92	48.12	38.58	5.20	74	35.42	100	298	Horizontal

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	19242.2750	47.24	50.85	41.31	3.61	74	32.69	100	281	Vertical
2	19890.8250	47.20	51.32	41.78	4.12	74	32.22	100	261	Vertical
3	21669.8750	45.50	49.67	40.13	4.17	74	33.87	100	301	Vertical
4	23900.7000	43.94	49.25	39.71	5.31	74	34.29	100	281	Vertical
5	24738.3750	43.53	49.57	40.03	6.04	74	33.97	100	321	Vertical
6	26466.8500	43.51	49.71	40.17	6.20	74	33.83	100	20	Vertical

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Mode: IEEE 802.11n HT40
 Highest Frequency (2452MHz)
 Environment: 23.3°C/48%RH/101.0kPa
 Tested By:Qin Tingting

Date: 2025-02-07
 Voltage:DC 3.7V

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18519.7750	46.95	49.68	40.14	2.73	74	33.86	100	179	Horizontal
2	19962.2250	47.26	50.93	41.39	3.67	74	32.61	100	42	Horizontal
3	21499.4500	45.41	49.44	39.90	4.03	74	34.10	100	140	Horizontal
4	23340.1250	44.74	49.42	39.88	4.68	74	34.12	100	42	Horizontal
5	24702.6750	43.89	49.37	39.83	5.48	74	34.17	100	62	Horizontal
6	26143.4250	43.07	48.27	38.73	5.20	74	35.27	100	298	Horizontal

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18963.9000	47.90	51.15	41.61	3.25	74	32.39	100	198	Vertical
2	20428.4500	46.13	50.36	40.82	4.23	74	33.18	100	198	Vertical
3	21536.8500	45.34	49.64	40.10	4.30	74	33.90	100	318	Vertical
4	22985.6750	43.62	48.63	39.09	5.01	74	34.91	100	177	Vertical
5	24862.0500	43.44	49.48	39.94	6.04	74	34.06	100	18	Vertical
6	26443.4750	42.64	48.80	39.26	6.16	74	34.74	100	220	Vertical

Remark:

- 1 Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2 Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 3 Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- 4 Above 18G test distance is 1m, so the Level for 3m= Level for 1m + 20*log(1/3)

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6. 6dB BANDWIDTH

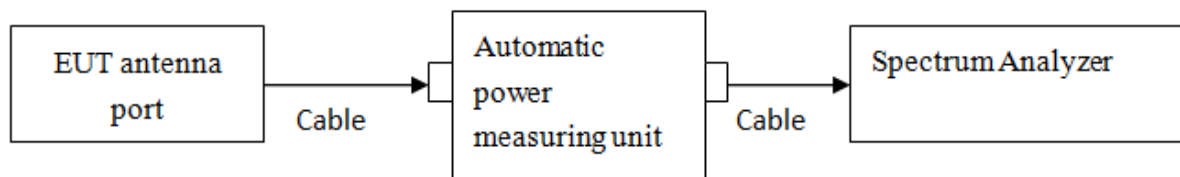
6.1 LIMITS

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

6.2 TEST PROCEDURES

- 1) Remove the antenna from the EUT, and then connect a low loss RF cable from antenna port to the spectrum analyzer.
- 2) Set resolution bandwidth (RBW) = 100kHz. Set the video bandwidth (VBW) $\geq 3 \times$ RBW. Detector = Peak. Trace mode = max hold. Sweep = auto couple. Allow the trace to stabilize, record 6dB bandwidth value.
- 3) Repeat above procedures until all frequencies measured were complete.

6.3 TEST SETUP



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6.4 TEST RESULTS

Environment: 22.8°C/48%RH/101.0kPa
Tested By: Qin Tingting

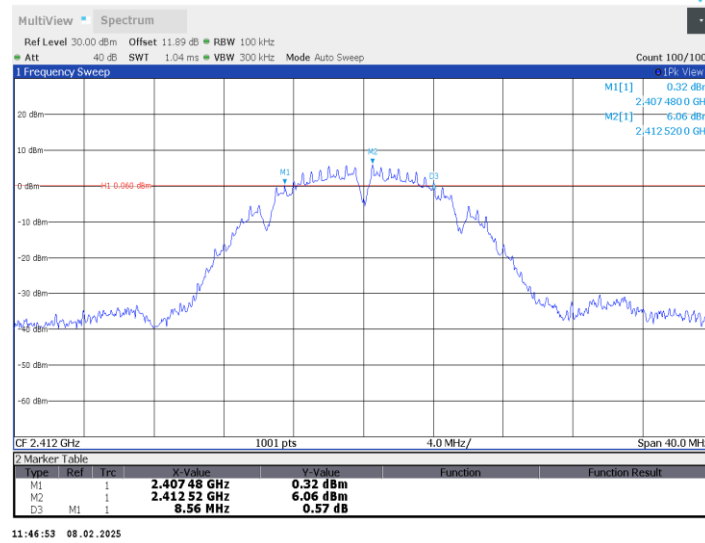
Voltage:DC 3.7V
Date: 2025-02-08

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	F _L [MHz]	F _H [MHz]	Limit[MHz]	Verdict
IEEE 802.11b	Ant1	2412	8.56	2407.48	2416.04	0.5	PASS
		2437	8.52	2432.52	2441.04	0.5	PASS
		2462	8.56	2457.96	2466.52	0.5	PASS
IEEE 802.11g	Ant1	2412	16.36	2403.84	2420.20	0.5	PASS
		2437	16.32	2428.84	2445.16	0.5	PASS
		2462	16.36	2453.84	2470.20	0.5	PASS
IEEE 802.11n HT20	Ant1	2412	17.32	2403.48	2420.80	0.5	PASS
		2437	17.52	2428.24	2445.76	0.5	PASS
		2462	17.56	2453.24	2470.80	0.5	PASS
IEEE 802.11n HT40	Ant1	2422	35.12	2404.48	2439.60	0.5	PASS
		2437	35.04	2419.48	2454.52	0.5	PASS
		2452	35.12	2434.40	2469.52	0.5	PASS

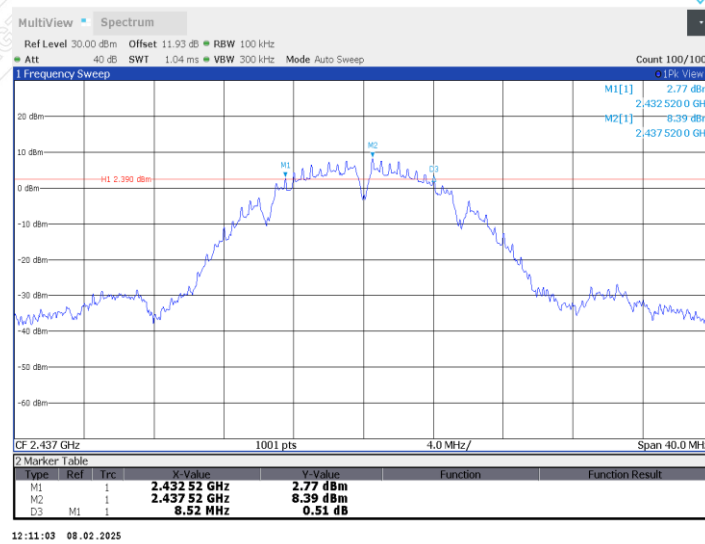
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Test Graphs

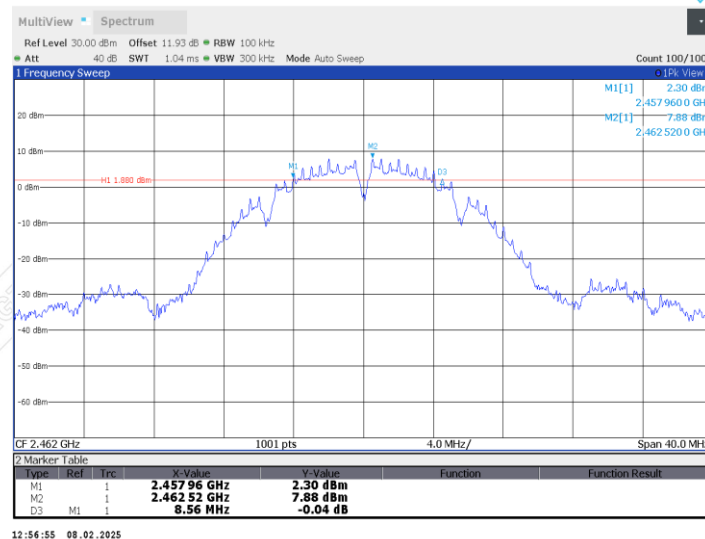
IEEE 802.11b_Ant1_2412MHz



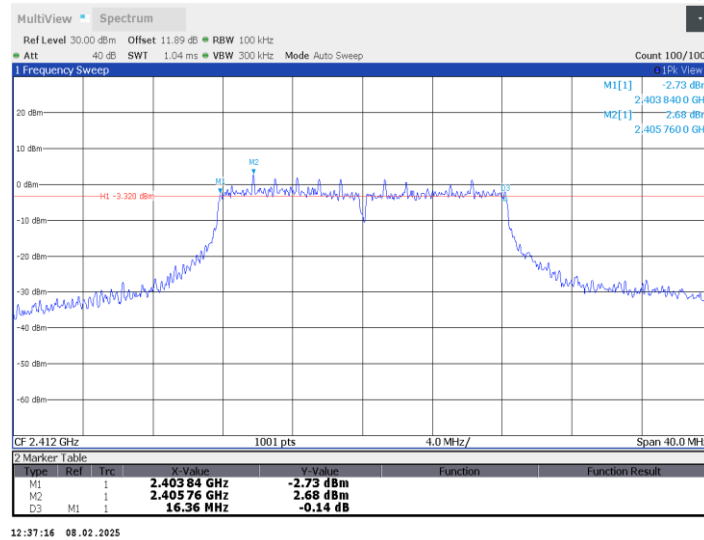
IEEE 802.11b_Ant1_2437MHz



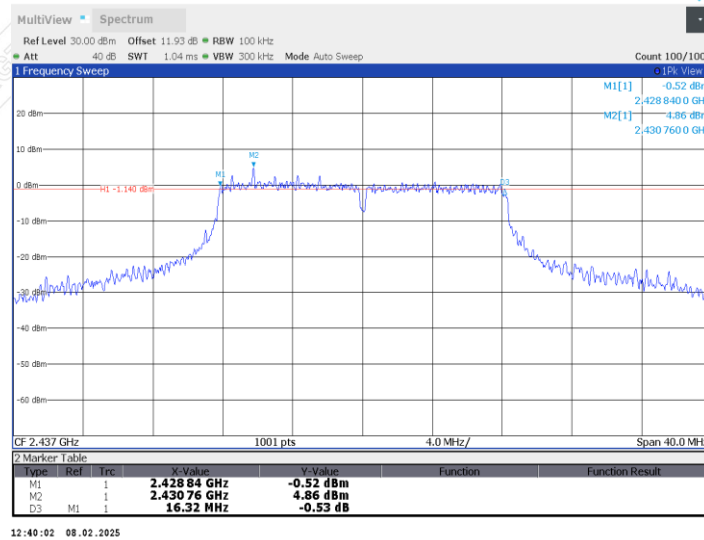
IEEE 802.11b_Ant1_2462MHz



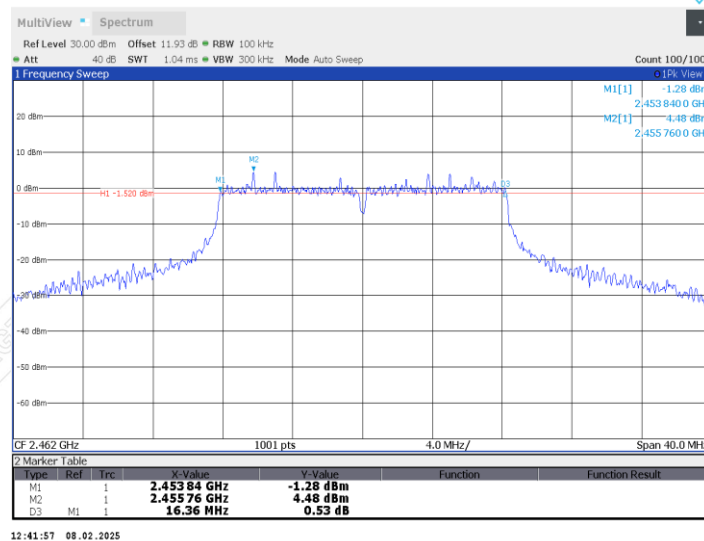
IEEE 802.11g_Ant1_2412MHz



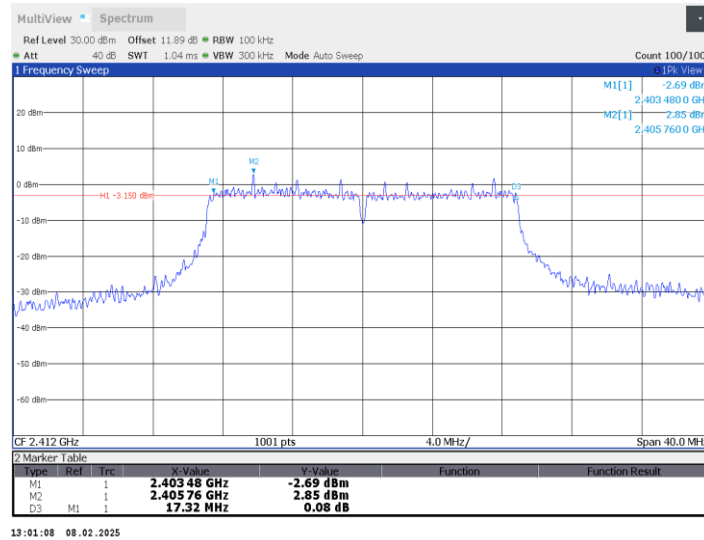
IEEE 802.11g_Ant1_2437MHz



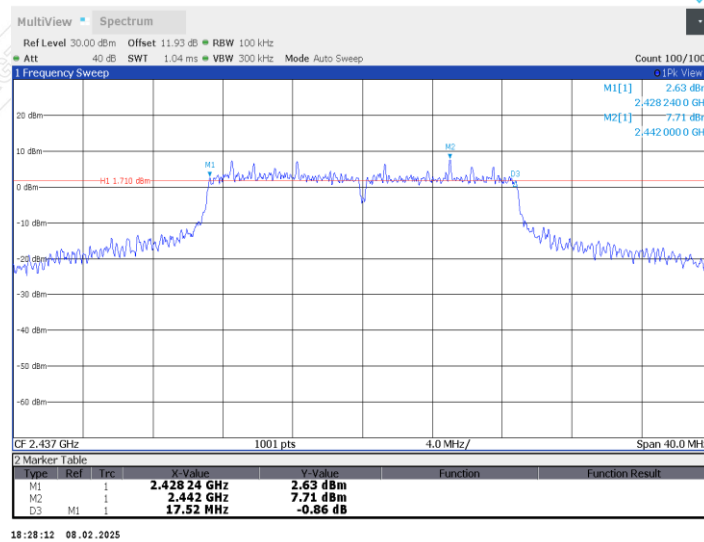
IEEE 802.11g_Ant1_2462MHz



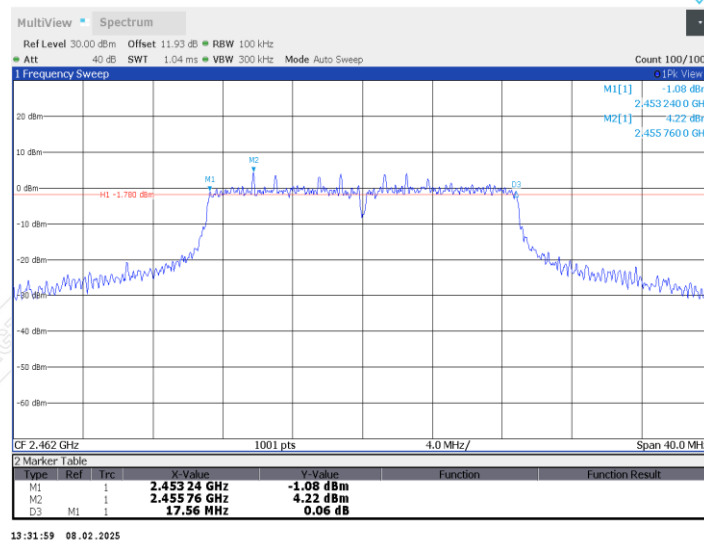
IEEE 802.11n HT20_Ant1_2412MHz



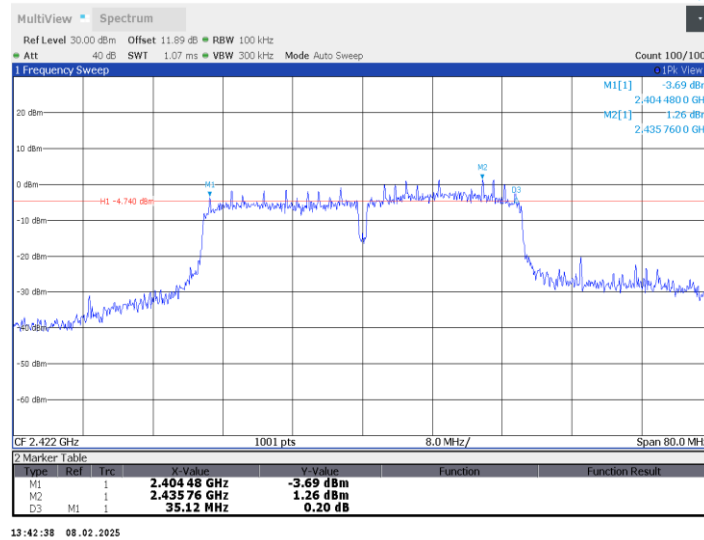
IEEE 802.11n HT20_Ant1_2437MHz



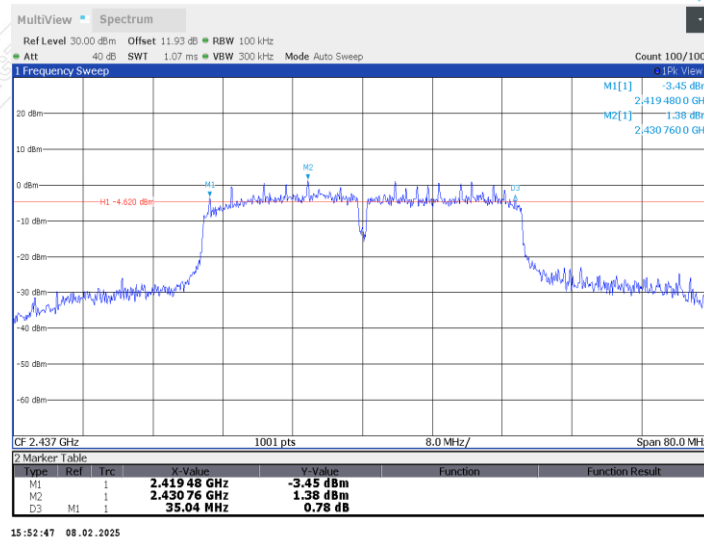
IEEE 802.11n HT20_Ant1_2462MHz



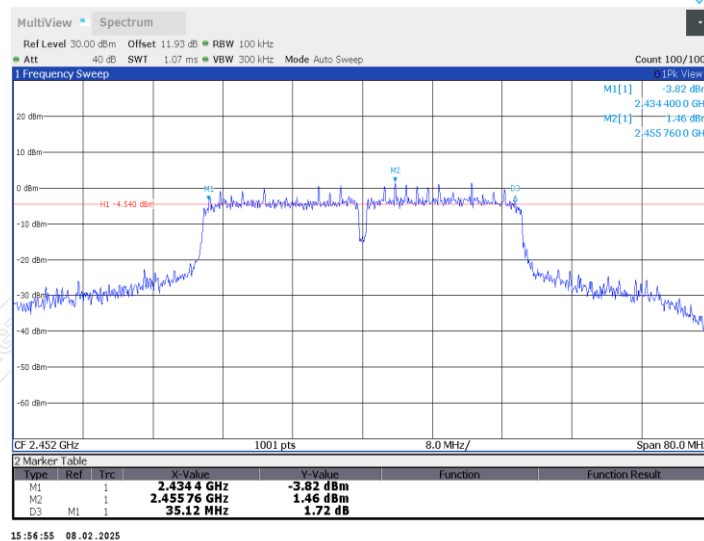
IEEE 802.11n HT40_Ant1_2422MHz



IEEE 802.11n HT40_Ant1_2437MHz



IEEE 802.11n HT40_Ant1_2452MHz



7. MAXIMUM PEAK OUTPUT POWER

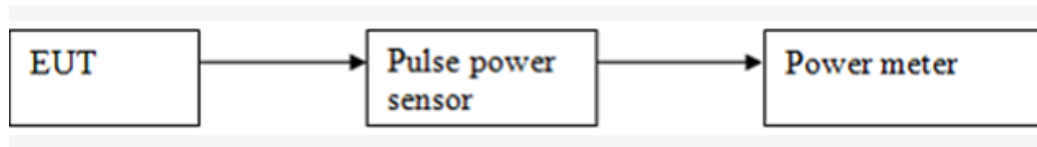
7.1 LIMITS

The maximum Peak output power measurement is 1W

7.2 TEST PROCEDURES

- 1) RF output of EUT was connected to the broadband peak RF power meter by RF cable and 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) Measure the conducted output power and record the results in the test report.

7.3 TEST SETUP



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7.4 TEST RESULT

Environment: 23.2°C/48%RH/101.0kPa
Tested By: Qin Tingting

Voltage:DC 3.7V
Date: 2025-02-06

IEEE 802.11b Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak / AVG	Limit	Result
1	2412	18.67	Peak	30dBm	Pass
6	2437	19.95			Pass
11	2462	19.93			Pass

IEEE 802.11g Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak / AVG	Limit	Result
1	2412	22.47	Peak	30dBm	Pass
6	2437	23.02			Pass
11	2462	23.10			Pass

IEEE 802.11n HT20 Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak/ AVG	Limit	Result
1	2412	22.49	Peak	30dBm	Pass
6	2437	23.04			Pass
11	2462	23.17			Pass

IEEE 802.11n HT40 Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak/ AVG	Limit	Result
3	2422	23.05	Peak	30dBm	Pass
6	2437	23.10			Pass
9	2452	23.23			Pass

8. POWER SPECTRAL DENSITY

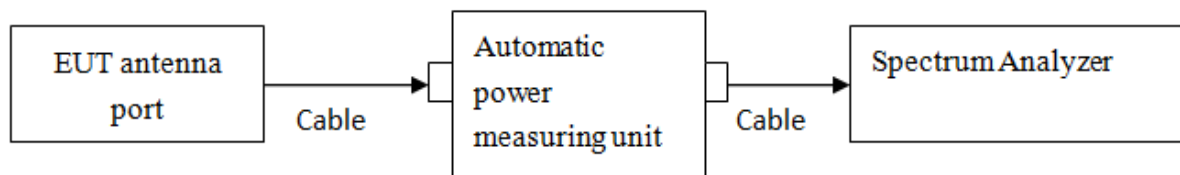
8.1 LIMITS

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

8.2 TEST PROCEDURES

- 1) Remove the antenna from the EUT, and then connect a low loss RF cable from antenna port to the spectrum analyzer.
- 2) Position the EUT was set without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- 3) The following procedure shall be used if maximum peak conducted output power was used to determine compliance, and it is optional if the maximum conducted (average) output power was used to determine compliance:
 - a) Set analyzer center frequency to DTS channel center frequency.
 - b) Set the span to 1.5 times the DTS bandwidth.
 - c) Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
 - d) Set the VBW $\geq [3 \times \text{RBW}]$.
 - e) Detector = peak
 - f) Sweep time = auto couple.
 - g) Trace mode = max hold.
 - h) Allow trace to fully stabilize.
 - i) Use the peak marker function to determine the maximum amplitude level within the RBW.
 - j) If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.
- 4) Repeat above procedures until all frequencies measured were complete.

8.3 TEST SETUP



8.4 TEST RESULTS

Environment: 22.8℃/48%RH/101.0kPa
Tested By: Qin Tingting

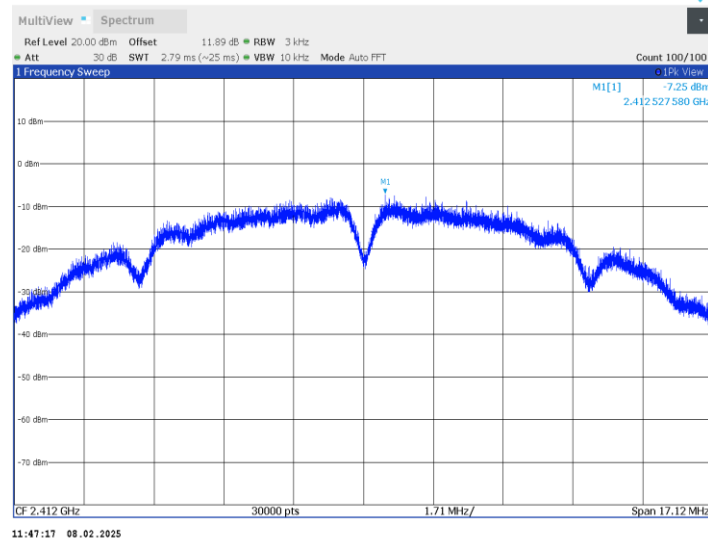
Voltage:DC 3.7V
Date: 2025-02-08

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
IEEE 802.11b	Ant1	2412	-7.25	≤8.00	PASS
		2437	-5.02	≤8.00	PASS
		2462	-4.99	≤8.00	PASS
IEEE 802.11g	Ant1	2412	-12.32	≤8.00	PASS
		2437	-9.70	≤8.00	PASS
		2462	-10.47	≤8.00	PASS
IEEE 802.11n HT20	Ant1	2412	-12.13	≤8.00	PASS
		2437	-12.21	≤8.00	PASS
		2462	-10.04	≤8.00	PASS
IEEE 802.11n HT40	Ant1	2422	-13.81	≤8.00	PASS
		2437	-13.75	≤8.00	PASS
		2452	-13.02	≤8.00	PASS

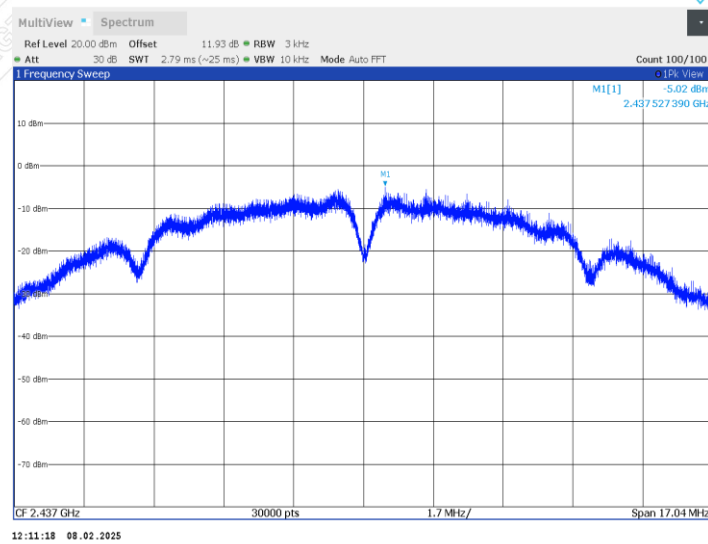
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Test Graphs

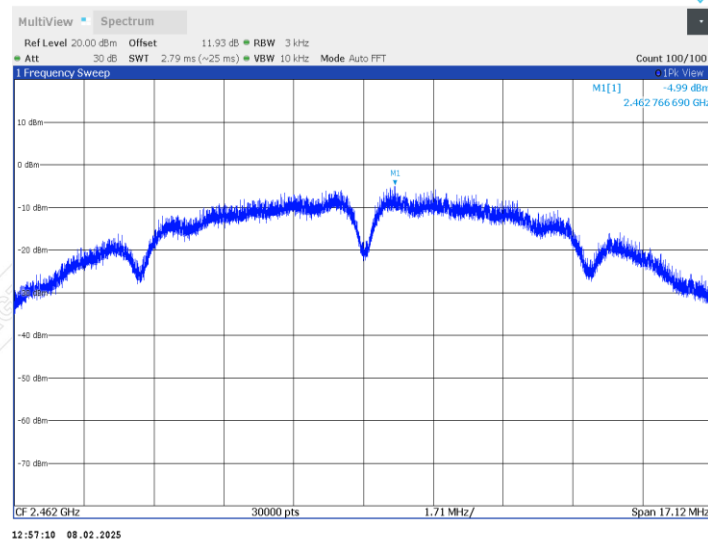
IEEE 802.11b_Ant1_2412MHz



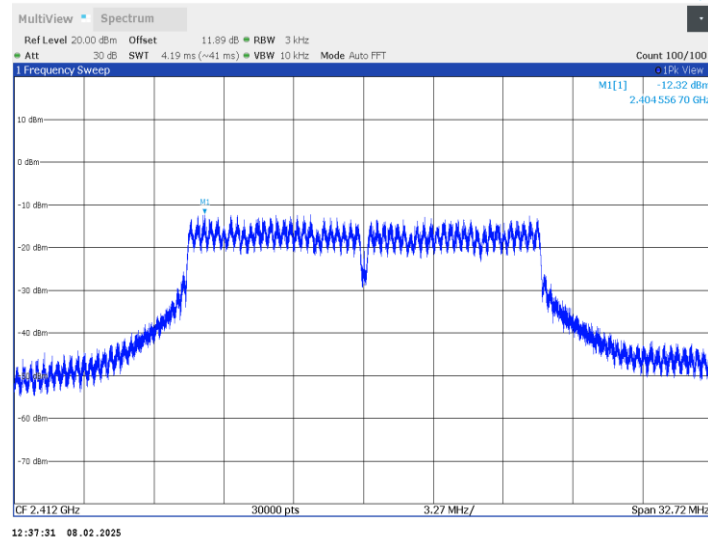
IEEE 802.11b_Ant1_2437MHz



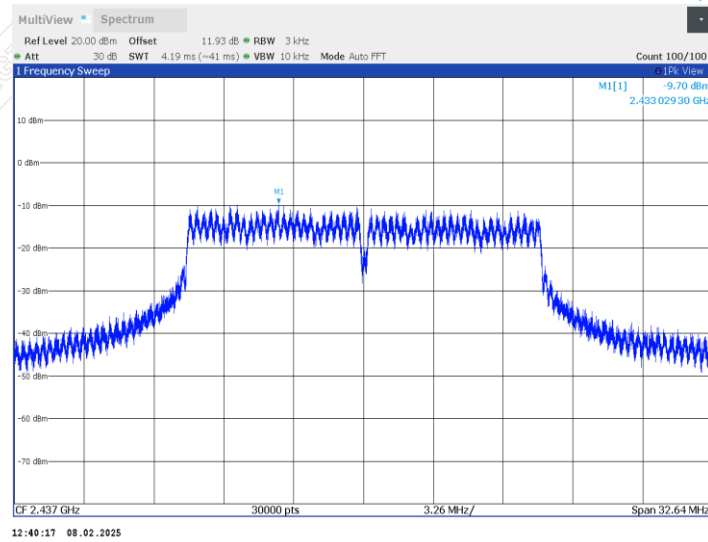
IEEE 802.11b_Ant1_2462MHz



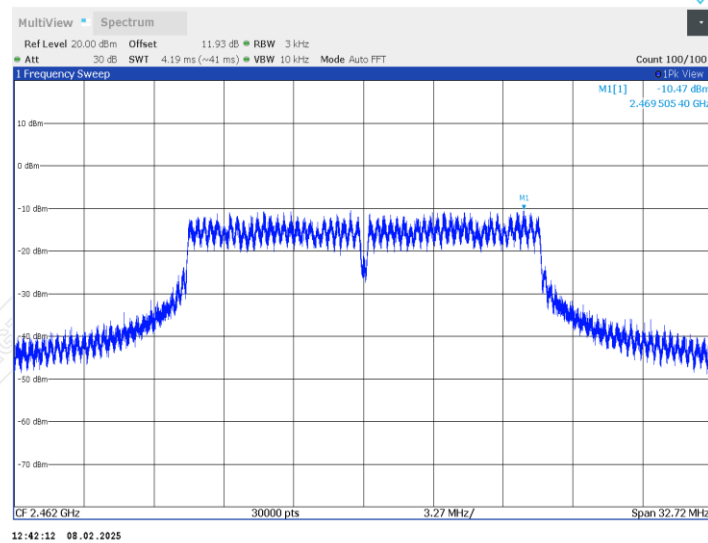
IEEE 802.11g_Ant1_2412MHz



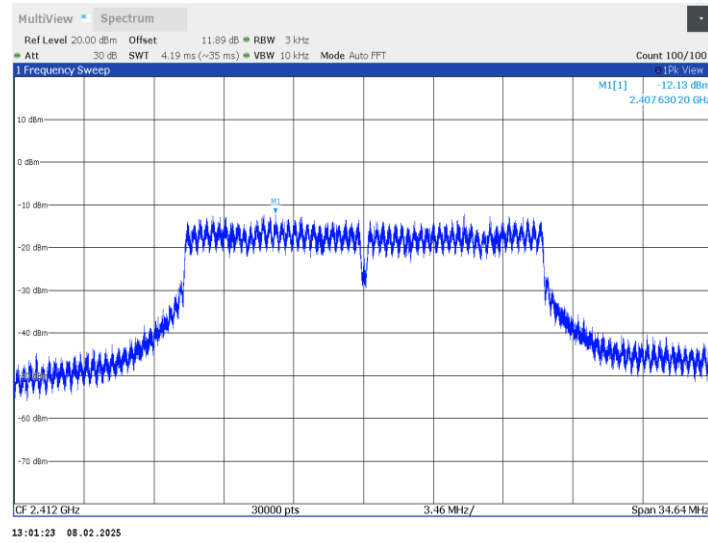
IEEE 802.11g_Ant1_2437MHz



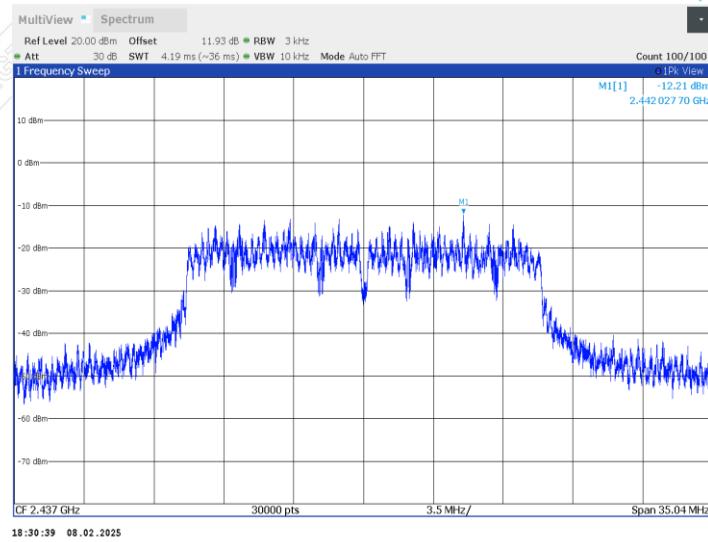
IEEE 802.11g_Ant1_2462MHz



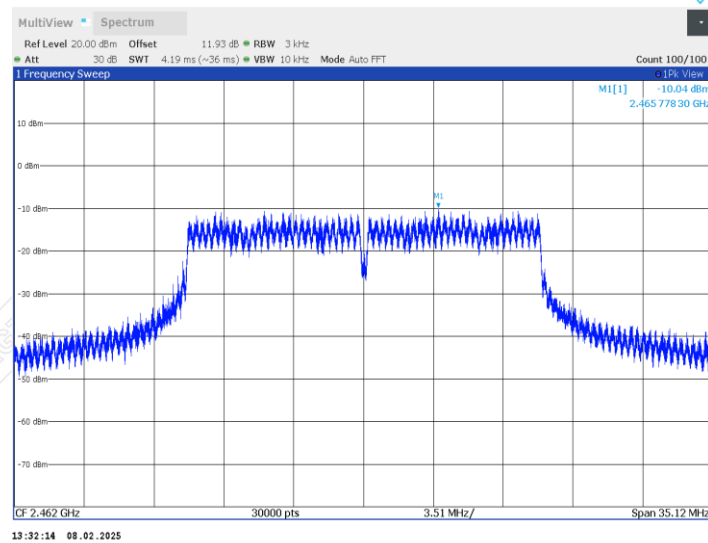
IEEE 802.11n HT20_Ant1_2412MHz



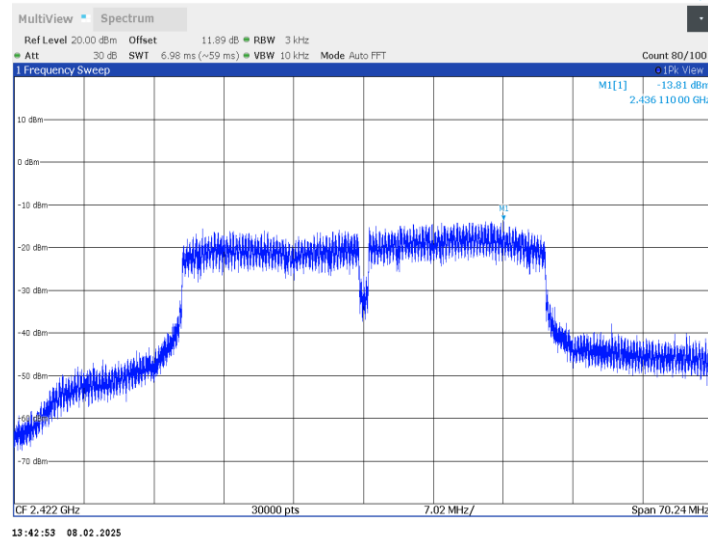
IEEE 802.11n HT20_Ant1_2437MHz



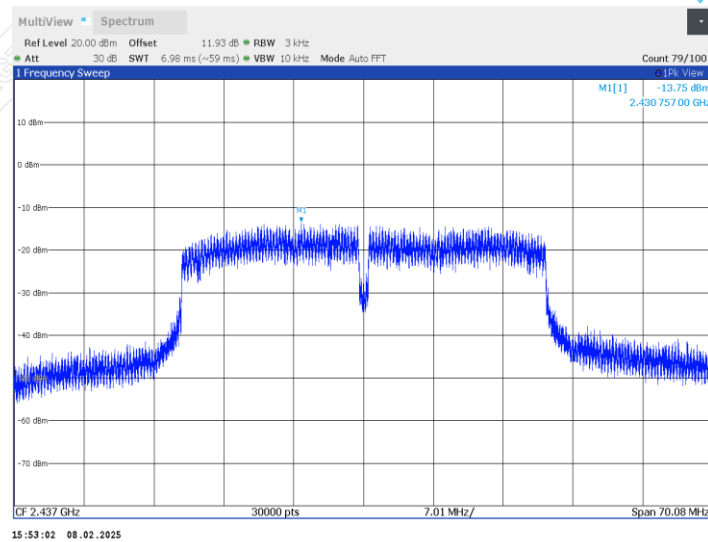
IEEE 802.11n HT20_Ant1_2462MHz



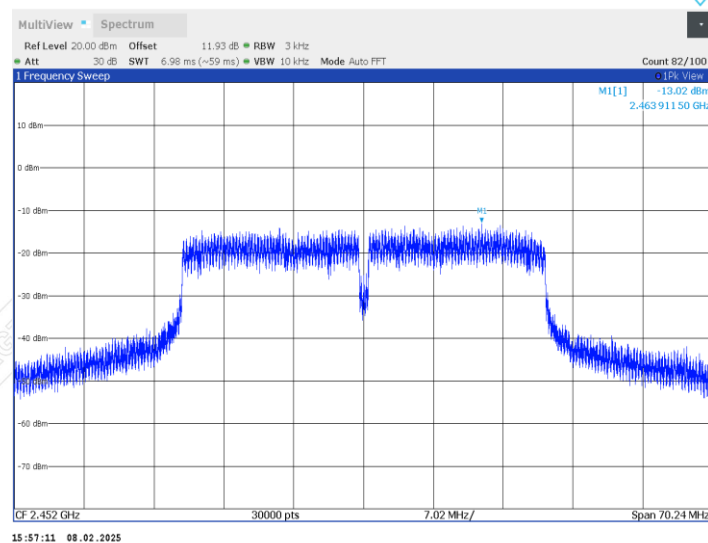
IEEE 802.11n HT40_Ant1_2422MHz



IEEE 802.11n HT40_Ant1_2437MHz



IEEE 802.11n HT40_Ant1_2452MHz



9. CONDUCTED BAND EDGES AND SPURIOUS EMISSIONS

9.1 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.

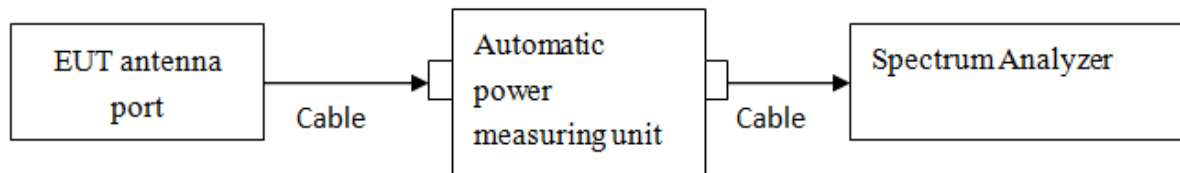
9.2 TEST PROCEDURES

Test procedures follow KDB 558074 D01 DTS Measurement Guidance.

Remove the antenna from the EUT and then connect a low attenuation cable from the antenna port to the spectrum.

- 1) Remove the antenna from the EUT and then connect a low attenuation cable from the antenna port to the spectrum.
- 2) Set the spectrum analyzer: RBW = 100 kHz; VBW = 300 kHz, Frequency range = 30 MHz to 26.5 GHz; Sweep = auto; Detector Function = Peak; Trace = Max hold.
- 3) Measure and record the results in the test report.
- 4) The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

9.3 TEST SETUP



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9.4 TEST RESULTS

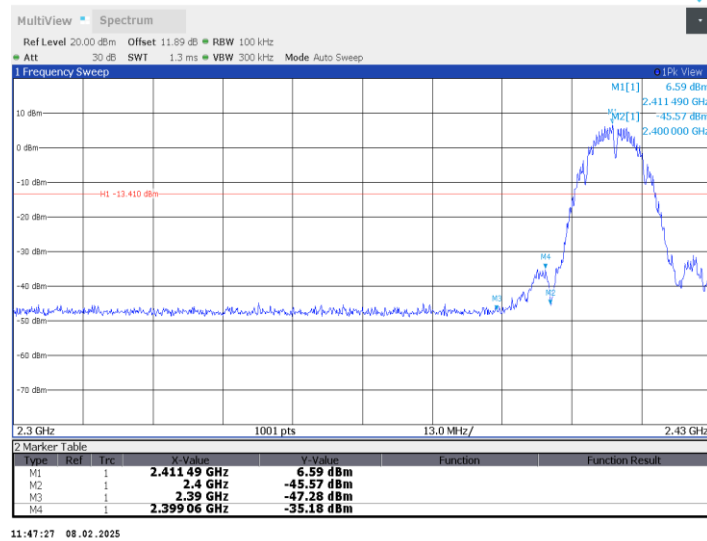
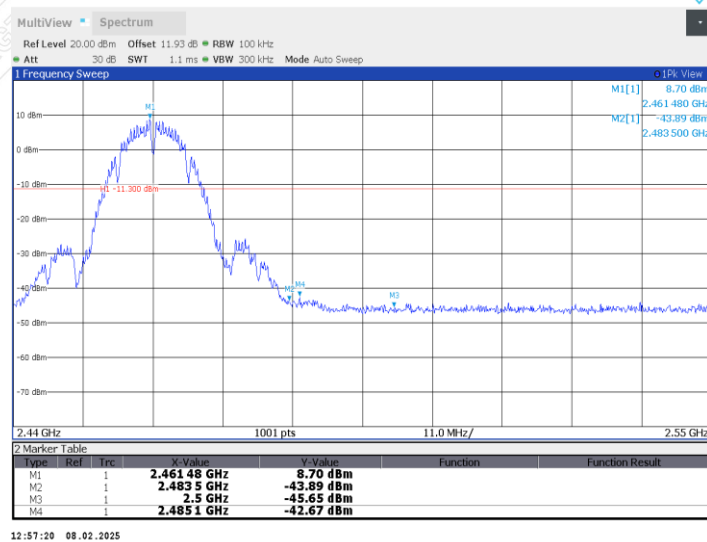
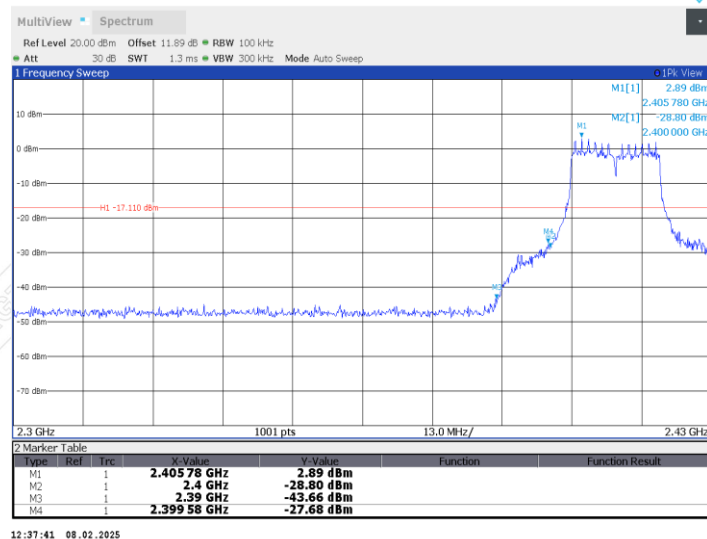
Environment: 22.8°C/48%RH/101.0kPa
Tested By: Qin Tingting

Voltage:DC 3.7V
Date: 2025-02-08

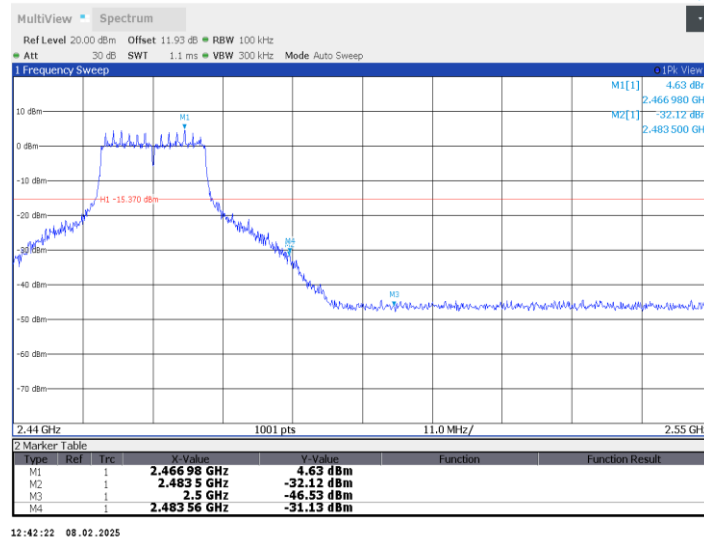
Band edge

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
IEEE 802.11b	Ant1	Low	2412	6.59	-35.18	≤-13.41	PASS
		High	2462	8.70	-42.67	≤-11.30	PASS
IEEE 802.11g	Ant1	Low	2412	2.89	-27.68	≤-17.11	PASS
		High	2462	4.63	-31.13	≤-15.37	PASS
IEEE 802.11n HT20	Ant1	Low	2412	2.93	-27.21	≤-17.07	PASS
		High	2462	4.60	-30.73	≤-15.40	PASS
IEEE 802.11n HT40	Ant1	Low	2422	1.94	-29.15	≤-18.06	PASS
		High	2452	1.59	-22.96	≤-18.41	PASS

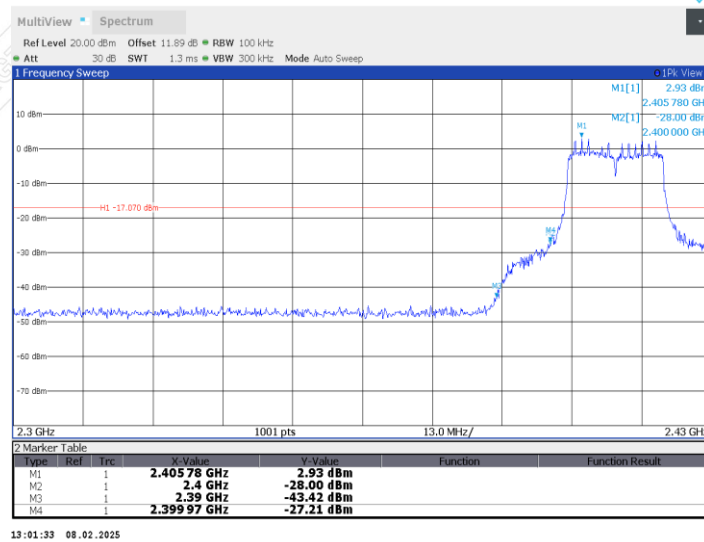
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Band edge**IEEE 802.11b_Ant1_Low_2412MHz****IEEE 802.11b_Ant1_High_2462MHz****IEEE 802.11g_Ant1_Low_2412MHz**

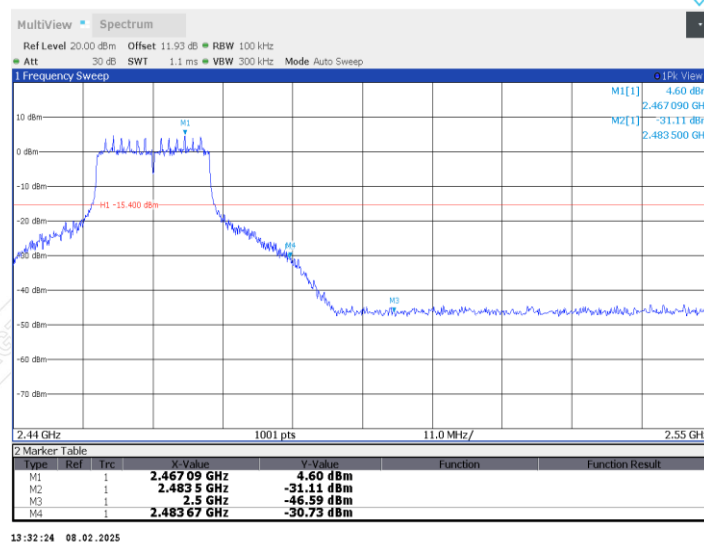
IEEE 802.11g_Ant1_High_2462MHz



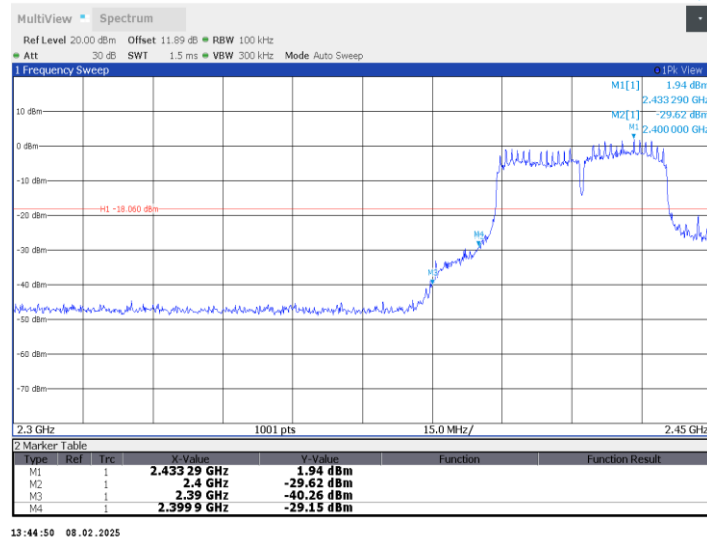
IEEE 802.11n HT20_Ant1_Low_2412MHz



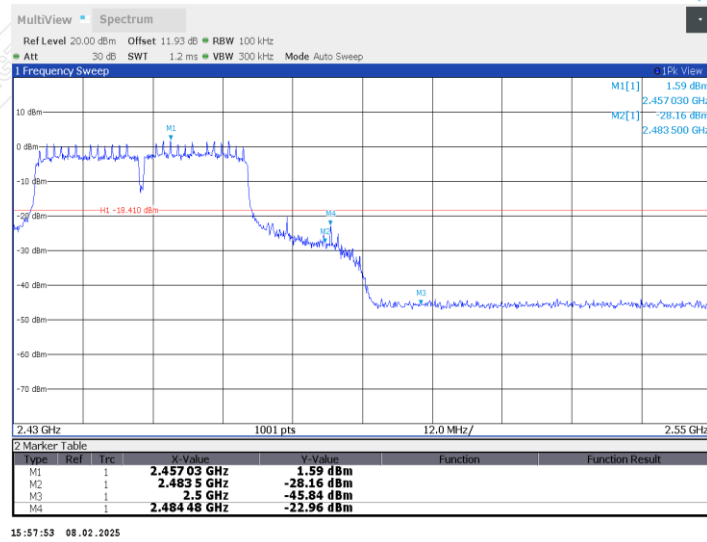
IEEE 802.11n HT20_Ant1_High_2462MHz



IEEE 802.11n HT40_Ant1_Low_2422MHz

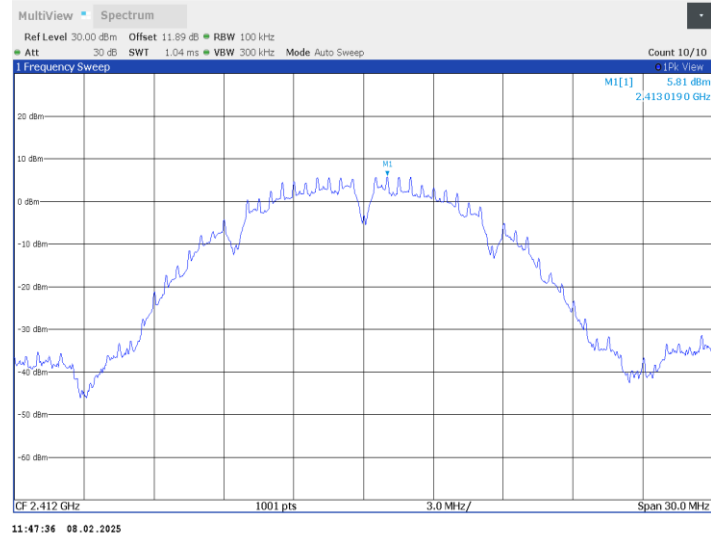
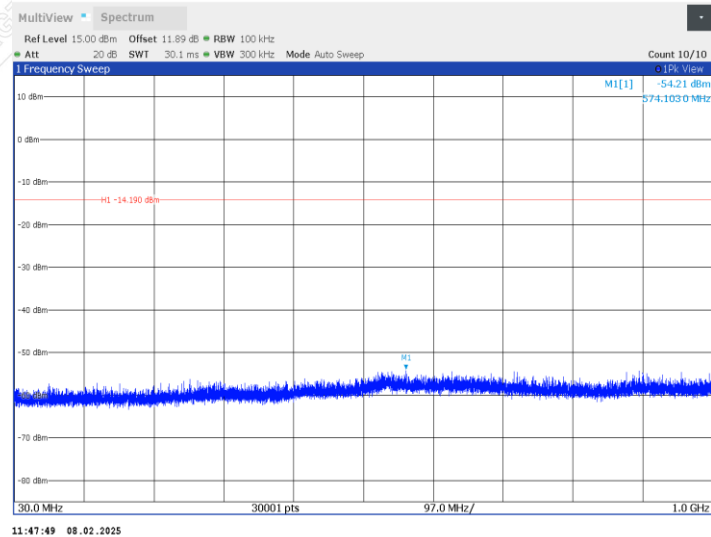
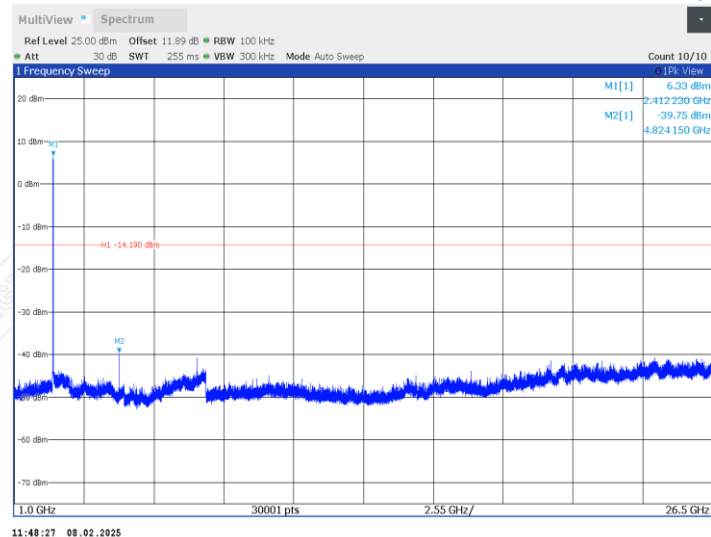


IEEE 802.11n HT40_Ant1_High_2452MHz

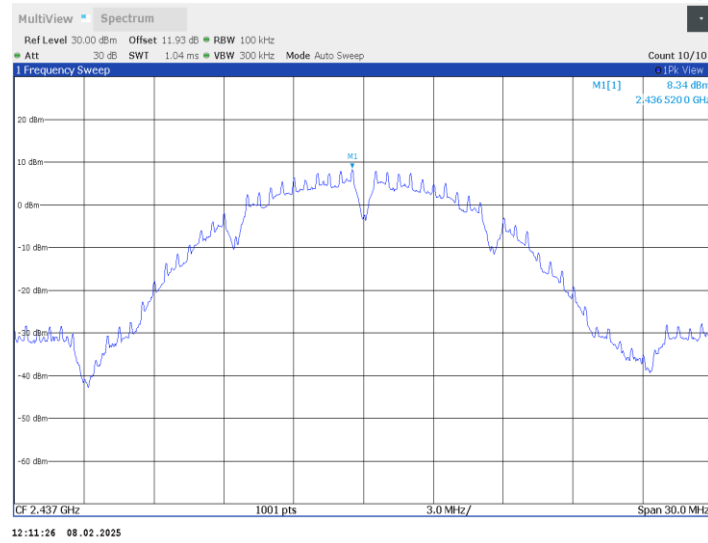


Conducted Spurious Emission

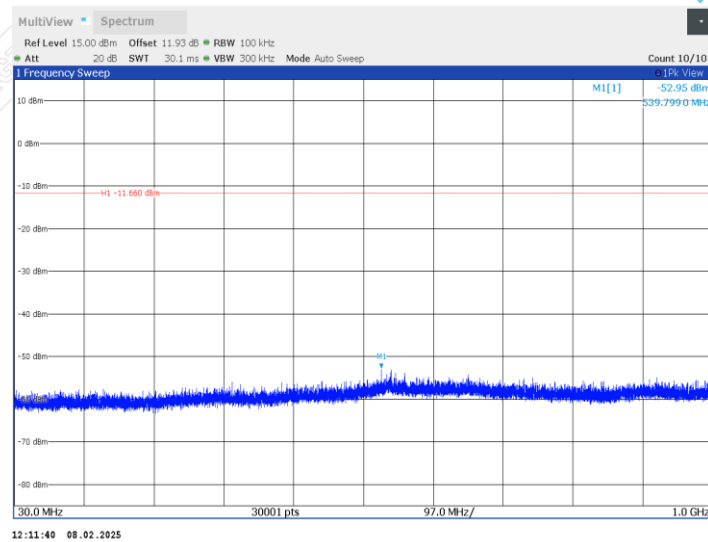
Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
IEEE 802.11b	Ant1	2412	Reference	5.81	5.81	---	PASS
			30~1000	5.81	-54.21	≤ -14.19	PASS
			1000~26500	5.81	-39.75	≤ -14.19	PASS
		2437	Reference	8.34	8.34	---	PASS
			30~1000	8.34	-52.95	≤ -11.66	PASS
			1000~26500	8.34	-35.83	≤ -11.66	PASS
		2462	Reference	8.55	8.55	---	PASS
			30~1000	8.55	-53.03	≤ -11.45	PASS
			1000~26500	8.55	-36.21	≤ -11.45	PASS
IEEE 802.11g	Ant1	2412	Reference	2.51	2.51	---	PASS
			30~1000	2.51	-53.39	≤ -17.49	PASS
			1000~26500	2.51	-40.51	≤ -17.49	PASS
		2437	Reference	4.76	4.76	---	PASS
			30~1000	4.76	-54.30	≤ -15.24	PASS
			1000~26500	4.76	-40.29	≤ -15.24	PASS
		2462	Reference	4.45	4.45	---	PASS
			30~1000	4.45	-53.66	≤ -15.55	PASS
			1000~26500	4.45	-40.29	≤ -15.55	PASS
IEEE 802.11n HT20	Ant1	2412	Reference	2.80	2.80	---	PASS
			30~1000	2.80	-53.39	≤ -17.20	PASS
			1000~26500	2.80	-40.39	≤ -17.20	PASS
		2437	Reference	8.74	8.74	---	PASS
			30~1000	8.74	-54.38	≤ -11.26	PASS
			1000~26500	8.74	-39.81	≤ -11.26	PASS
		2462	Reference	4.41	4.41	---	PASS
			30~1000	4.41	-54.07	≤ -15.59	PASS
			1000~26500	4.41	-39.62	≤ -15.59	PASS
IEEE 802.11n HT40	Ant1	2422	Reference	1.86	1.86	---	PASS
			30~1000	1.86	-50.91	≤ -18.14	PASS
			1000~26500	1.86	-40.49	≤ -18.14	PASS
		2437	Reference	1.53	1.53	---	PASS
			30~1000	1.53	-53.12	≤ -18.47	PASS
			1000~26500	1.53	-40.57	≤ -18.47	PASS
		2452	Reference	1.51	1.51	---	PASS
			30~1000	1.51	-47.86	≤ -18.49	PASS
			1000~26500	1.51	-40.80	≤ -18.49	PASS

Conducted Spurious Emission**IEEE 802.11b_Ant1_2412MHz_0~Reference****IEEE 802.11b_Ant1_2412MHz_30MHz~1000MHz****IEEE 802.11b_Ant1_2412MHz_1000MHz~26500MHz**

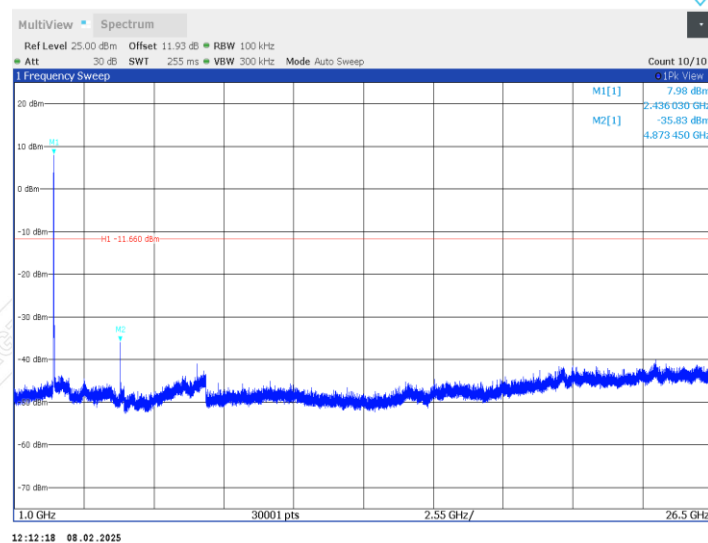
IEEE 802.11b_Ant1_2437MHz_0~Reference



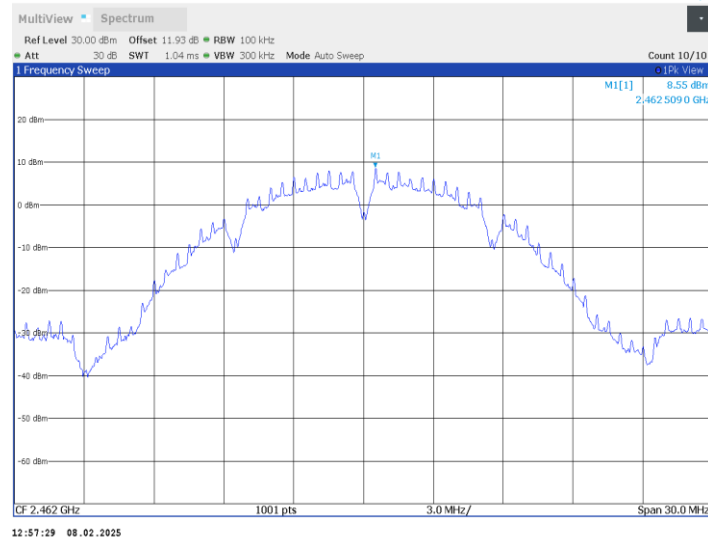
IEEE 802.11b_Ant1_2437MHz_30MHz~1000MHz



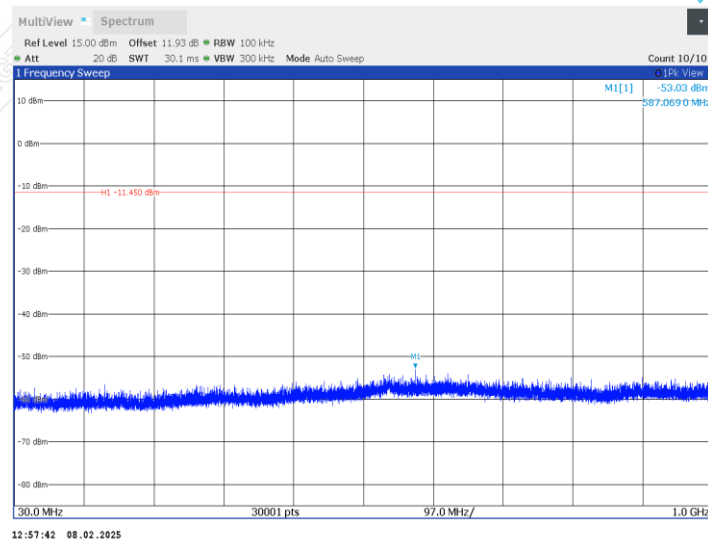
IEEE 802.11b_Ant1_2437MHz_1000MHz~26500MHz



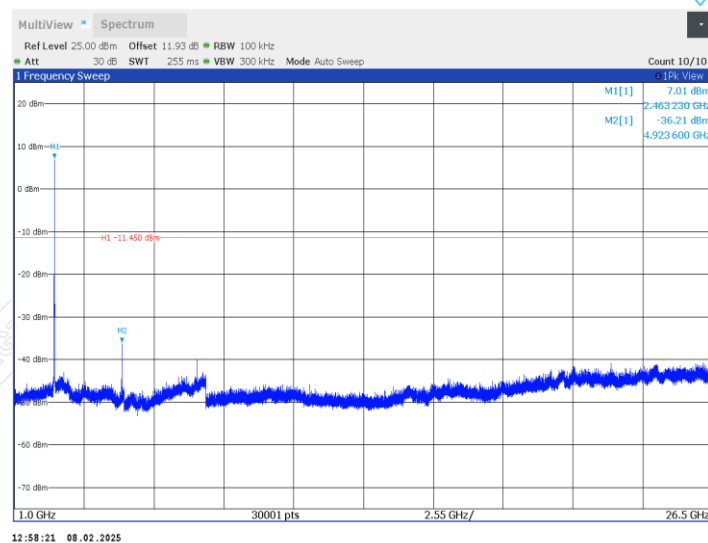
IEEE 802.11b_Ant1_2462MHz_0~Reference



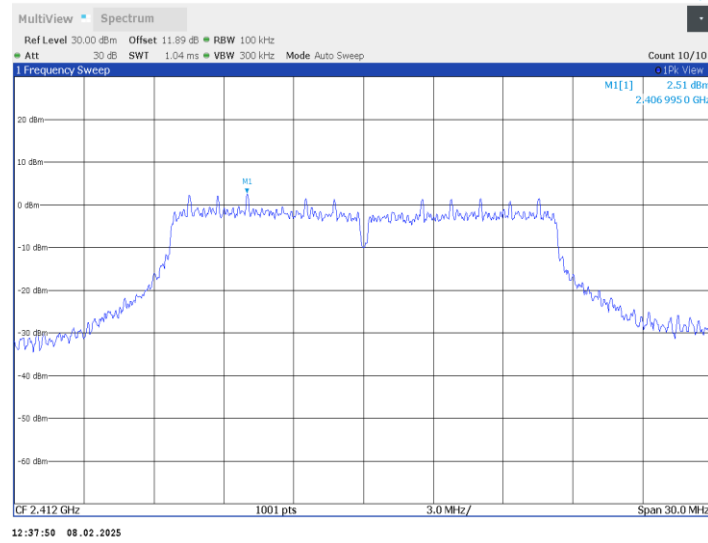
IEEE 802.11b_Ant1_2462MHz_30MHz~1000MHz



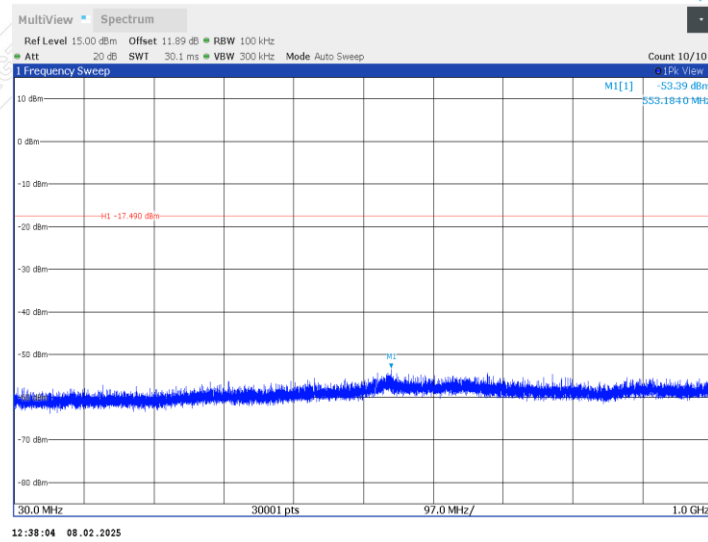
IEEE 802.11b_Ant1_2462MHz_1000MHz~26500MHz



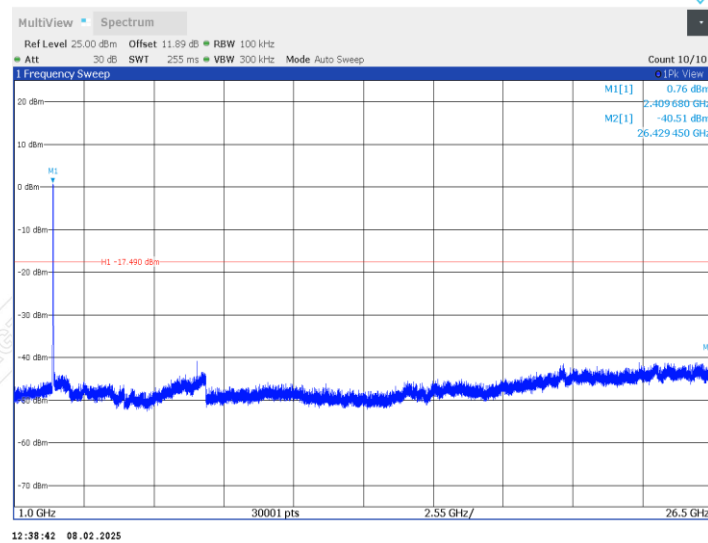
IEEE 802.11g_Ant1_2412MHz_0~Reference



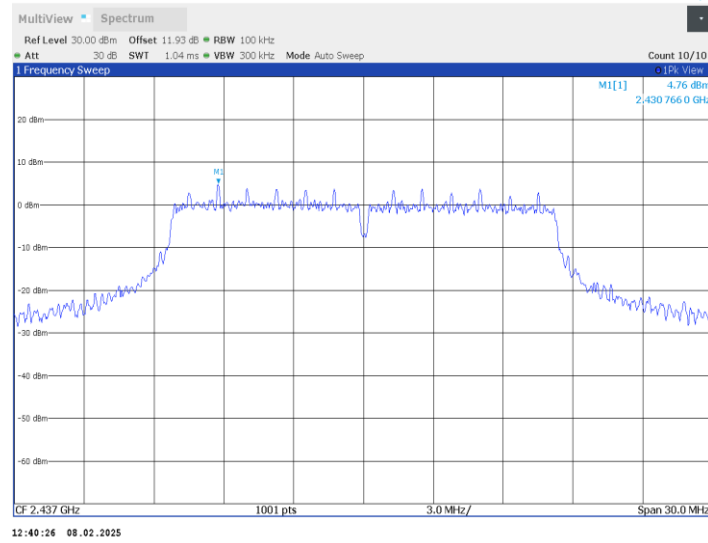
IEEE 802.11g_Ant1_2412MHz_30MHz~1000MHz



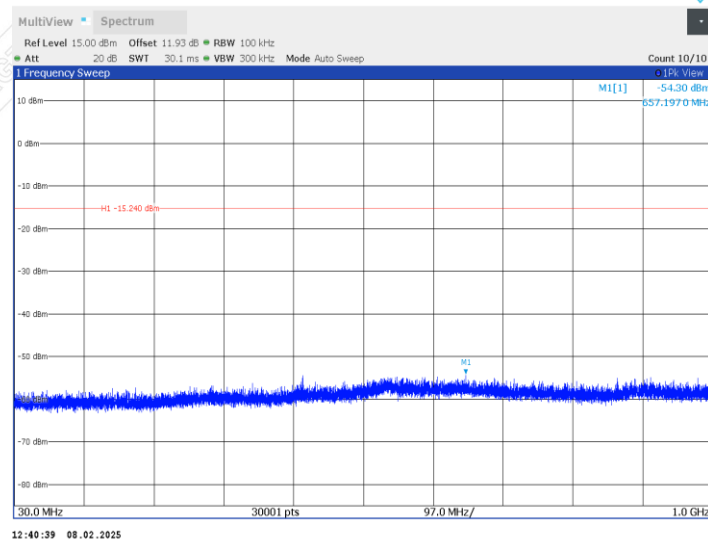
IEEE 802.11g_Ant1_2412MHz_1000MHz~26500MHz



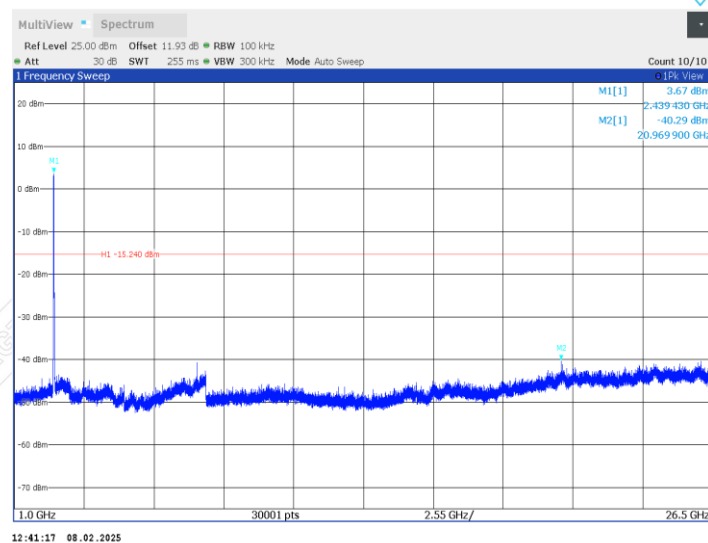
IEEE 802.11g_Ant1_2437MHz_0~Reference



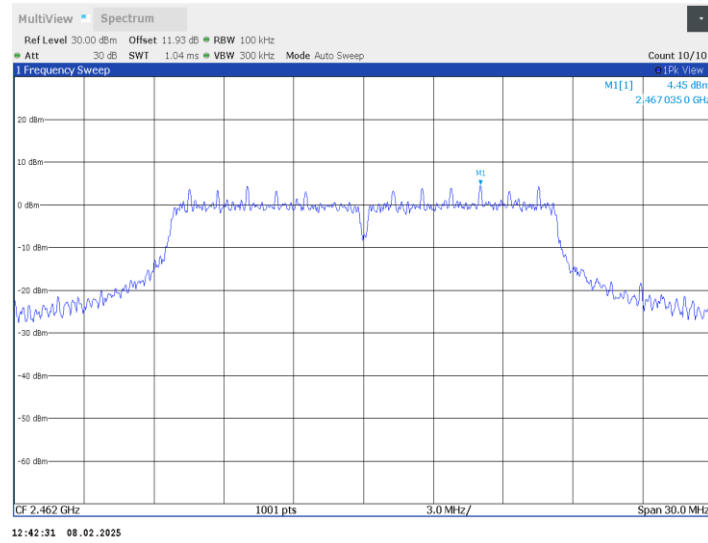
IEEE 802.11g_Ant1_2437MHz_30MHz~1000MHz



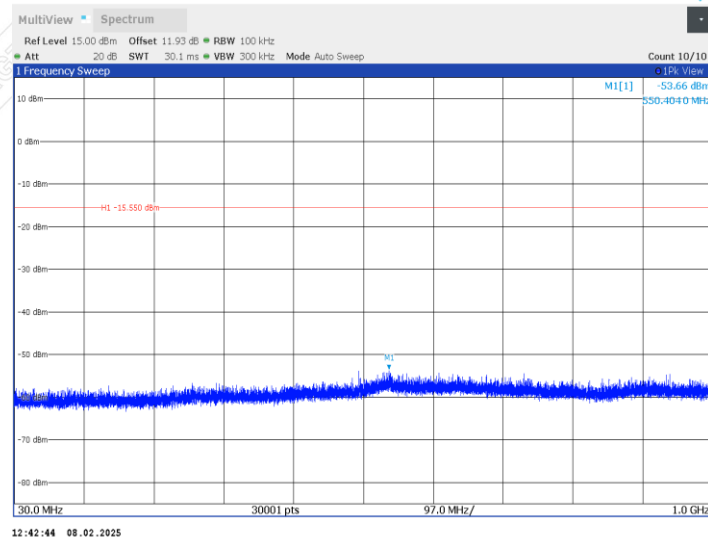
IEEE 802.11g_Ant1_2437MHz_1000MHz~26500MHz



IEEE 802.11g_Ant1_2462MHz_0~Reference



IEEE 802.11g_Ant1_2462MHz_30MHz~1000MHz



IEEE 802.11g_Ant1_2462MHz_1000MHz~26500MHz

