TEST REPORT

Report No.:	BCTC2312909125-3E
Applicant:	MINIX Technology Limited
Product Name:	Mini PC
Test Model:	RIC SJ64-4W
Tested Date:	2023-11-30 to 2023-12-04
Issued Date:	2023-12-06

Shenzhen BCTC Technology Co., Ltd.

Product Name:	Mini PC
Trademark:	MINIX
Model/Type reference:	RIC SJ64-4W, RIC SJ64-8W, RIC SJ64-16W, RIC SJ64-4U, RIC SJ64-8U, RIC SJ64-16U, RIC SJ64-MB, RIC SJ64xxxxxxxxxx (x can be 0-9, A-Z, a-z, "-", "_", "/" or blank for marketing purpose)
Prepared For:	MINIX Technology Limited
Address:	Unit 01, 15/F, Chevalier Commercial Center, No.8 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong.
Manufacturer:	MINIX Technology Limited
Address:	Unit 01, 15/F, Chevalier Commercial Center, No.8 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong.
Prepared By:	Shenzhen BCTC Technology Co., Ltd.
Address:	101M., Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang Community, Nanwan Street, Longgang District, Shenzhen, Guangdong, China
Sample Received Date:	2023-11-30
Sample tested Date:	2023-11-30 to 2023-12-04
Report No.:	BCTC2312909125-3E
Test Standards:	ETSI EN 300 440 V2.2.1 (2018-07)
Test Results:	PASS
Remark:	This is WIFI-5GHz band radio test report.

Tested by:

Kang Chen/ Project Handler

Approved by:

Sewen Guo/Reviewer

The test report is effective only with both signature and specialized stamp.This result(s) shown in this report refer only to the sample(s) tested. Without written approval of Shenzhen BCTC Technology Co., Ltd. this report can't be reproduced except in full.The tested sample(s) and the sample information are provided by the client.

Table of Content

1. Version

Report No.	Issue Date	Description	Approved
BCTC2312909125-3E	2023-12-06	Original	Valid
Remark *: these modules have been tested and comply with EN300440 requirements, According to technical characteristic, only one item need retest for this device. For all other items' test results please reference original module's test report. Note*: On the basis of the original report (BCTC2304879606-1E), the application program of the product has been modified, addingWIFI 5G Band 1 and Band 4, the other remains unchanged, only need to carry out radiation detection, and other refer to the original report			

2. Test Summary

The Product has been tested according to the following specifications:

No.	Test Parameter	Clause No	Results	Remark
Transmitter Parameters				
1	Equivalent isotropically radiated power (e.i.r.p.)	4.2.2	N/A*	
2	Permitted range of operating frequencies	4.2.3	N/A*	
3	Spurious radiation for transmitter	4.2.4	Pass	
4	Duty Cycle	4.2.5.4	N/A*	
5	Additional requirements for FHSS equipment	4.2.6	N/A*	
6	Adjacent channel selectivity	4.3.3	N/A*	
7	Blocking or desensitization	4.3.4	N/A*	
8	Spurious radiation for receiver	4.3.5	PASS	
9	Spectrum access techniques	4.4	N/A	
10	GBSAR antenna pattern	4.6.4	N/A	
11	Limits for GBSAR	Annex I	N/A	

Note:
N/A is an abbreviation for Not Applicable and means this test item is not applicable for this device according to the technology characteristic of device.
Remark *: these modules have been tested and comply with EN300440 requirements, According to technical characteristic, only one item need retest for this device. For all other items' test results please reference original module's test report.

3. Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the Product as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Test item	uncertainty
RF frequency	1 x 10^{-7}
RF power, conducted	± 1.0 dB
Duty Cycle and Tx-Sequence and Tx-Gap	±0.9
Dwell Time and Minimum Frequency Occupation	±1.3
Occupied Channel Bandwidth	±2.3
Conducted spurious emission (30MHz-1GHz)	1.28 dB
Conducted spurious emission (1GHz-18GHz)	1.576 dB
Radiated Spurious emission (30MHz-1GHz)	4.30 dB
Radiated Spurious emission (1GHz-18GHz)	4.5 dB
Temperature	0.59 ℃
Humidity	5.3 %

4. Product Information and Test Setup

4.1 Product Information

Model/Type reference:	RIC SJ64-4W, RIC SJ64-8W, RIC SJ64-16W, RIC SJ64-4U, RIC SJ64-8U, RIC SJ64-16U, RIC SJ64-MB, RIC SJ64xxxxxxxxx (x can be 0-9, A-Z, a-z, "-", "_", "/" or blank for marketing purpose)	
Model differences:	These models are identical in circuitry and electrical, mechanical and physical construction; Only the appearance is different; We chose RIC SJ64-4W as the final test prototype	
Antenna installation:	External antenna	
Antenna Gain:	BT	0 dBi
	WiFi(2.4GHz)	0 dBi
	WiFi (5.1GHz):	0 dBi
	WiFi (5.8GHz):	0 dBi
Ratings:	AC 100-240V/50Hz	
Adapter:	Mode: NB-65B19 Input: 100-240VAC,50/60Hz, 1.6A Max Output: 19V/3.42A	

4.2 Test Setup Configuration

See test photographs attached in EUT test setup photographs for the actual connections between Product and support equipment.

4.3 Support Equipment

No.	Device Type	Brand	Model	Series No.	Note
1.	---	---	--	---	---

Notes:
1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

4.4 Test Environment

1. Normal Test Conditions:

Humidity(%):	54
Atmospheric Pressure(kPa):	101
Temperature(℃):	26
Test Voltage(AC):	AC 230V

2.Extreme Test Conditions:
For tests at extreme temperatures, measurements shall be made over the extremes of the operating temperature range as declared by the manufacturer.

Test Conditions	LT	HT
Temperature (℃)	-10	35

5. Test Facility and Test Instrument Used

5.1 Test Facility

All measurement facilities used to collect the measurement data are located at Shenzhen BCTC Technology Co., Ltd. Address: 101M., Unit 1, Building1, Pengyuan, No.18, Lilang Road, Shanglilang Community, Nanwan Street, Longgang District, Shenzhen, Guangdong, China. The site and apparatus are constructed in conformance with the requirements of ANSI C63.4 and CISPR 16-1-1 other equivalent standards.

5.2 Test Instrument Used

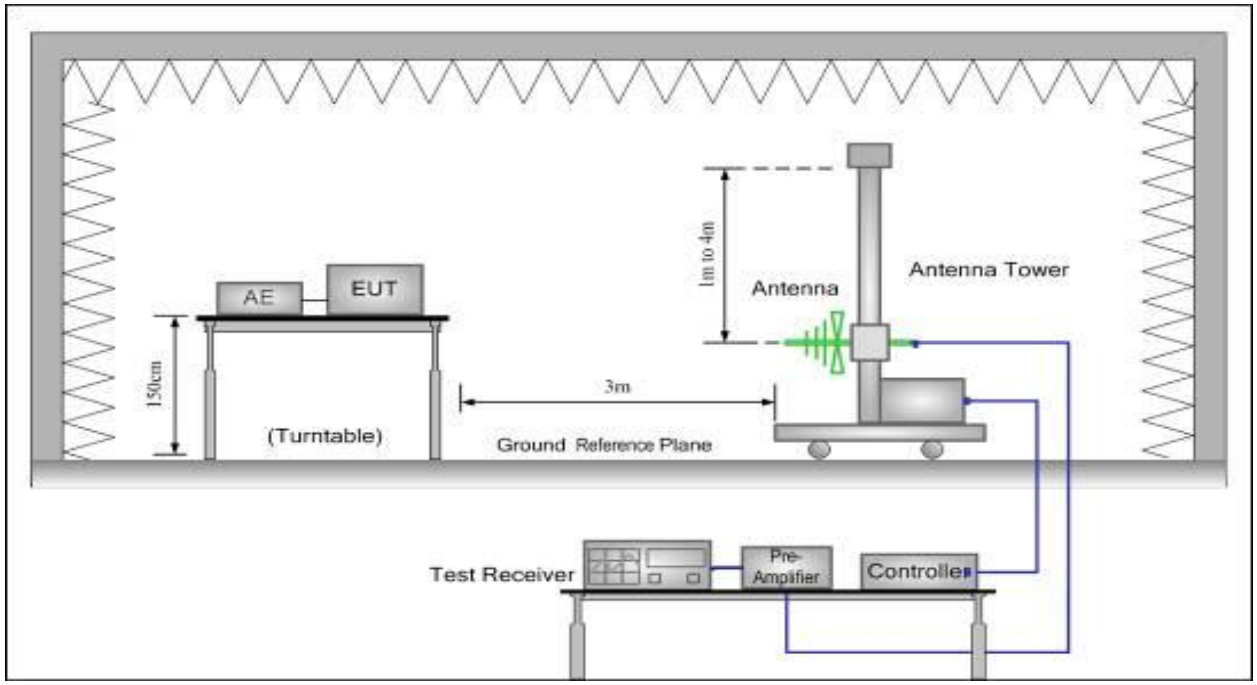
Radiated Emissions Test (966 Chamber)					
Equipment	**Manufacturer**	**Model#**	**Serial#**	**Last Cal.**	**Next Cal.**
966 chamber	ChengYu	966 Room	966	Aug.02, 2023	Aug.01, 2026
Loop Antenna	Schwarzbeck	FMZB1519B	014	May 15, 2023	May 14, 2024
Receiver	R&S	FSP 40	9K-40GHz	May 15, 2023	May 14, 2024
Horn Antenn (18GHz-40GHz)	Schwarzbeck	BBHA9170	00822	Jun. 04, 2023	Jun. 03, 2024
Amplifier (18GHz-40GHz)	MITEQ	TTA1840-35-HG	2034381	May 15, 2023	May 14, 2024
Broadband antenna	SCHWHRZBECK	VULB9168	227	Sep.21, 2023	Sep.20, 2024
Receiver	R&S	ESR	1316	Sep.21, 2023	Sep.20, 2024
Preamplifier	SCHWHRZBECK	BBV9745	370	Sep.21, 2023	Sep.20, 2024
Horn antenna	SCHWARZBECK	BBHA 9120 D	2792	Sep.19, 2023	Sep.18, 2024
Preamplifier	EMC INSTRUMENTS CORPORATION	EMC0518A45SEE	EMT-SZ2233	Sep.6, 2023	Sep.5, 2024
RF cable 3#	/	9M	18038626	Dec. 23, 2022	Dec. 22, 2023
RF cable 4#	SKET	5M	#10	Dec. 23, 2022	Dec. 22, 2023
RF cable 5#	/	10M	/	Sep.21, 2023	Sep.20, 2024
RF cable 6#	/	3M	/	Sep.21, 2023	Sep.20, 2024
Software	EZ-EMC	Ver.FA-03A2	/	/	/

RF Conducted Test					
Equipment	**Manufacturer**	**Model#**	**Serial#**	**Last Cal.**	**Next Cal.**
Spectrum Analyzer	Keysight	N9020A	MY51287403	Sep.6, 2023	Sep.5, 2024
Signal Generator	Keysight	N5182A	MY50144088	Sep.6, 2023	Sep.5, 2024
Power Sensor	MWRFtest	MW100-RFCB	\	Sep.6, 2023	Sep.5, 2024
Radio frequency control box	MWRFtest	MW100-RFCB	\	\	\
Software	Frad	EZ-EMC	FA-03A2 RE	\	\
Software	Keysight	Keysight.ETSL Test system	1.02.05	\	\
D.C. Power Supply	LongWei	D-41747 Viersen	6230316	Sep.21, 2023	Sep.20, 2024
Communication test set	R&S	CMW500	157483	Sep.6, 2023	Sep.5, 2024
Programmable constant temperature and humidity test chamber	Auchno	OJN-9606-408 L	19120183	Sep.6, 2023	Sep.5, 2024

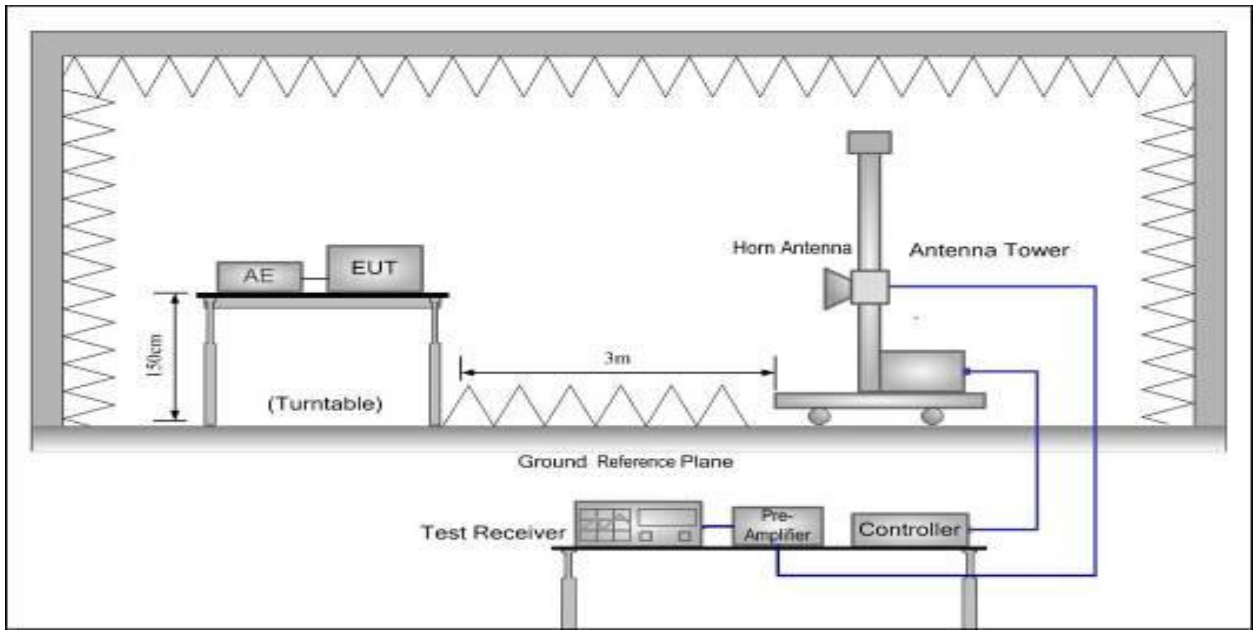
6. Spurious Emissions For Transmitter

6.1 Block Diagram Of Test Setup

Below 1GHz



Above 1GHz



6.2 Limits

Frequency range	Maximum power, e.r.p. (≤ 1 GHz) e.i.r.p. (> 1 GHz)	RBW/VBW
30 MHz to 47 MHz	-36 dBm	100 kHz/300KHz
47 MHz to 74 MHz	-54 dBm	100 kHz/300KHz
74 MHz to 87,5 MHz	-36 dBm	100 kHz/300KHz
87,5 MHz to 118 MHz	-54 dBm	100 kHz/300KHz
118 MHz to 174 MHz	-36 dBm	100 kHz/300KHz
174 MHz to 230 MHz	-54 dBm	100 kHz/300KHz
230 MHz to 470 MHz	-36 dBm	100 kHz/300KHz
470 MHz to 862 MHz	-54 dBm	100 kHz/300KHz
862 MHz to 1 GHz	-36 dBm	100 kHz/300KHz
1 GHz to 12,75 GHz	-30 dBm	1 MHz/3MHz

6.3 Test Procedure

■ Conducted spurious emission
This method of measurement applies to transmitters having a permanent antenna connector.

Additional requirements for equipment employing FHSS modulation are given in clause 4.2.4.3.4.

a) The transmitter shall be connected to a measuring receiver through a test load, 50 Ω power attenuator, and if necessary, an appropriate filter to avoid overload of the measuring receiver. The bandwidth of the measuring receiver shall be adjusted until the sensitivity of the measuring receiver is at least 6 dB below the spurious emission limit given in table 3, see clause 4.2.4.4. This bandwidth shall be recorded in the test report.

For the measurement of spurious emissions below the second harmonic of the carrier frequency, the filter used shall be a high "Q" (notch) filter centred on the transmitter carrier frequency, which attenuates this signal by at least 30 dB.

For the measurement of spurious emissions at and above the second harmonic of the carrier frequency the filter used shall be a high pass filter with a stop band rejection exceeding 40 dB. The cut-off frequency of the high pass filter shall be approximately 1,5 times the transmitter carrier frequency.

Precautions may be required to ensure that the test load does not generate or that the high pass filter does not attenuate, the harmonics of the carrier.

b) The transmitter shall be unmodulated and operating at the maximum limit of its specified power range. If modulation cannot be inhibited then the test shall be carried out with modulation (see clause 5.8.1) and this fact shall be recorded in the test report.

c) For carrier frequencies in the range 1 GHz to 20 GHz the frequency of the measuring receiver shall be adjusted over the frequency range 25 MHz to 10 times the carrier frequency, not exceeding 40 GHz. For carrier frequencies above 20 GHz the measuring receiver shall be tuned over the range 25 MHz up to twice the carrier frequency, not exceeding 66 GHz. The frequency and level of every spurious emission found shall be noted.

The emissions within the channel occupied by the transmitter carrier and, for channelized systems its adjacent channels, shall not be recorded.

d) If the measuring receiver has not been calibrated in terms of power level at the transmitter output, the level of any detected components shall be determined by replacing the transmitter by the signal generator

and adjusting it to reproduce the frequency and level of every spurious emission noted in step c). The absolute power level of each of the emissions shall be noted.

e) The frequency and level of each spurious emission measured and the bandwidth of the measuring receiver shall be recorded in the test report.

f) If a user accessible power adjustment is provided then the tests in steps c) to e) shall be repeated at the lowest power setting available.

g) The measurement in steps c) to f) shall be repeated with the transmitter in the standby condition if this option is available.

■ Method of measurement - cabinet spurious radiation

This method of measurement applies to transmitters having a permanent antenna connector. For equipment without a permanent antenna connector see clause 4.2.4.3.3.

Additional requirements for equipment employing FHSS modulation are given in clause 4.2.4.3.4.

a) A test site selected from annex B which fulfils the requirements of the specified frequency range of this measurement shall be used. The test antenna shall be oriented initially for vertical polarization and connected to a measuring receiver. The bandwidth of the measuring receiver shall be adjusted until the sensitivity of the measuring receiver, after allowing for the coupling loss, is at least 6 dB below the spurious emission limit given in table 3, see clause 4.2.4.4. This bandwidth shall be recorded in the test report.

The transmitter under test shall be placed on the support in its standard position, connected to an artificial antenna (see clause 5.8.2) and switched on without modulation. If modulation cannot be inhibited then the test shall be carried out with modulation, (see clause 5.8.1), and this fact shall be recorded in the test report.

b) For carrier frequencies in the range 1 GHz to 20 GHz the frequency of the measuring receiver shall be adjusted over the frequency range 25 MHz to 10 times the carrier frequency, not exceeding 40 GHz. For carrier frequencies above 20 GHz the measuring receiver shall be tuned over the range 25 MHz up to twice the carrier frequency, not exceeding 66 GHz, except for the channel on which the transmitter is intended to operate and for channelized systems, its adjacent channels. The frequency of each spurious emission detected shall be noted. If the test site is disturbed by interference coming from outside the site, this qualitative search may be performed in a screened room, with a reduced distance between the transmitter and the test antenna.

c) At each frequency at which an emission has been detected, the measuring receiver shall be tuned and the test antenna shall be raised or lowered through the specified height range until the maximum signal level is detected on the measuring receiver.

d) The transmitter shall be rotated through 360° about a vertical axis, to maximize the received signal.

e) The test antenna shall be raised or lowered again through the specified height range until a maximum is obtained. This level shall be noted.

f) The substitution antenna (see clause B.2.3) shall replace the transmitter antenna in the same position and in vertical polarization. It shall be connected to the signal generator.

g) At each frequency at which an emission has been detected, the signal generator, substitution antenna, and measuring receiver shall be tuned. The test antenna shall be raised or lowered through the specified height range until the maximum signal level is detected on the measuring receiver. The level of the signal generator giving the same signal level on the measuring receiver as in item e) shall be noted. After corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna, is the radiated spurious emission at this frequency.

h) The frequency and level of each spurious emission measured and the bandwidth of the measuring receiver shall be recorded in the test report.

i) Steps c) to h) shall be repeated with the test antenna oriented in horizontal polarization.

j) If a user accessible power adjustment is provided then the tests in steps c) to h) shall be repeated at the lowest power setting available.

k) Steps c) to i) shall be repeated with the transmitter in the standby condition if this option is available.

■ Method of measurement - radiated spurious emission

This method of measurement applies to transmitters having an integral antenna.

Additional requirements for equipment employing FHSS modulation are given in clause 4.2.4.3.4.

a) A test site selected from annex B which fulfils the requirements of the specified frequency range of this measurement shall be used. The test antenna shall be oriented initially for vertical polarization and connected to a measuring receiver, through a suitable filter to avoid overloading of the measuring receiver if required.

The bandwidth of the measuring receiver shall be adjusted until the sensitivity of the measuring receiver, after allowing for the coupling loss, is at least 6 dB below the spurious emission limit given in table 3, see clause 4.2.4.4. This bandwidth shall be recorded in the test report.

For the measurement of spurious emissions below the second harmonic of the carrier frequency the optional filter used shall be a high "Q" (notch) filter centred on the transmitter carrier frequency and attenuating this signal by at least 30 dB.

For the measurement of spurious emissions at and above the second harmonic of the carrier frequency the optional filter used shall be a high pass filter with a stop band rejection exceeding 40 dB. The cut-off frequency of the high pass filter shall be approximately 1,5 times the transmitter carrier frequency.

The transmitter under test shall be placed on the support in its standard position and shall be switched on without modulation. If modulation cannot be inhibited then the test shall be carried out with modulation (see clause 6.1) and this fact shall be recorded in the test report.

b) The same method of measurement as steps b) and k) of clause 4.2.4.3.2 shall be used.

6.4 Test Results

All modes have been tested and reports show data in the worst mode

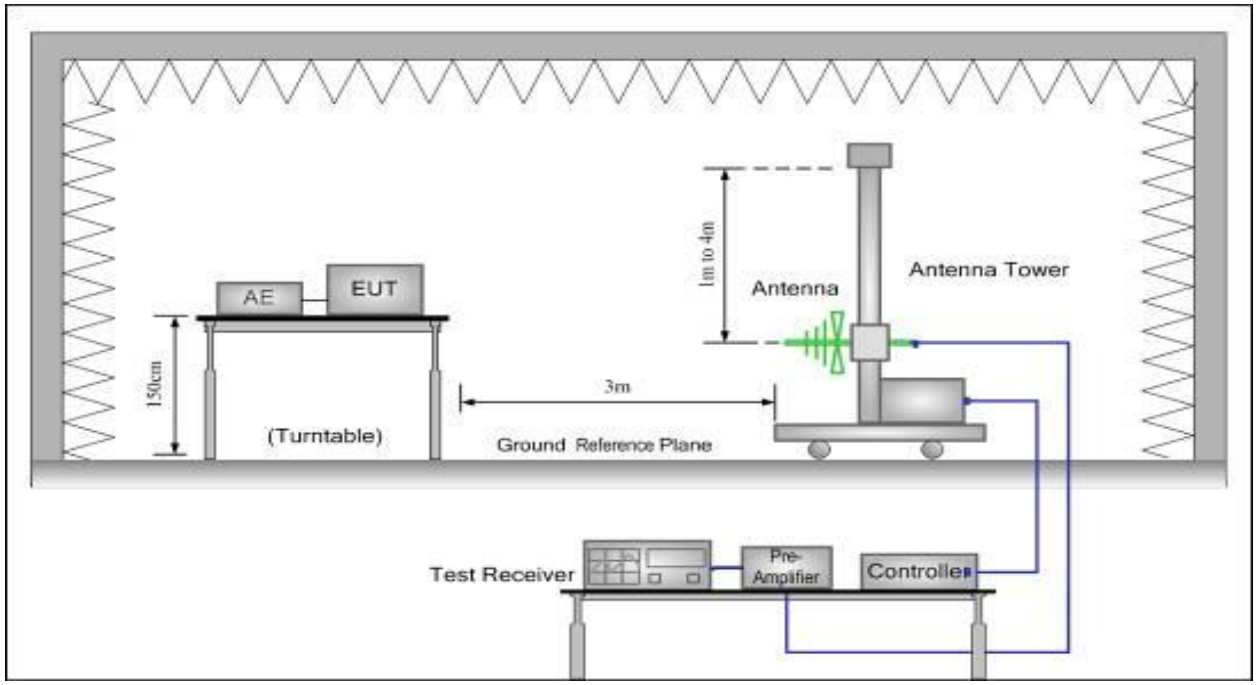
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Correct	Absolute Level	Result	
			Height	Polar	Factor		Limit	Margin
(MHz)	(dBm)	Degree	(m)	(H/V)	(dBm)	(dBm)	(dBm)	(dB)
802.11a low channel								
531.67	-57.34	200	1.9	H	-8.94	-66.28	-54.00	-12.28
531.67	-55.66	245	1.8	V	-8.94	-64.60	-54.00	-10.60
11490.00	-46.77	251	1.8	H	-0.42	-47.19	-30	-17.19
11490.00	-46.65	12	1.9	V	-0.42	-47.07	-30	-17.07
17235.00	-63.67	279	1.9	H	8.45	-55.22	-30	-25.22
17235.00	-64.37	355	1.1	V	8.45	-55.92	-30	-25.92
802.11a Mid channel								
531.67	-57.74	210	1.6	H	-8.94	-66.68	-54.00	-12.68
531.67	-56.17	63	1.4	V	-8.94	-65.11	-54.00	-11.11
11570.00	-47.28	177	2.0	H	-0.40	-47.68	-30	-17.68
11570.00	-46.41	33	1.9	V	-0.40	-46.81	-30	-16.81
17355.00	-63.58	21	1.7	H	8.58	-55.00	-30	-25.00
17355.00	-65.13	286	1.6	V	8.58	-56.55	-30	-26.55
802.11a high channel								
531.67	-56.98	64	1.6	H	-8.94	-65.92	-54.00	-11.92
531.67	-55.75	156	1.5	V	-8.94	-64.69	-54.00	-10.69
11650.00	-47.00	209	1.7	H	-0.33	-47.33	-30	-17.33
11650.00	-46.83	313	1.5	V	-0.33	-47.16	-30	-17.16
17475.00	-62.90	9	1.7	H	9.25	-53.65	-30	-23.65
17475.00	-64.93	115	1.3	V	9.25	-55.68	-30	-25.68

Remark:
Absolute Level = Receiver Reading + Factor
Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Margin= Absolute Level- Limit

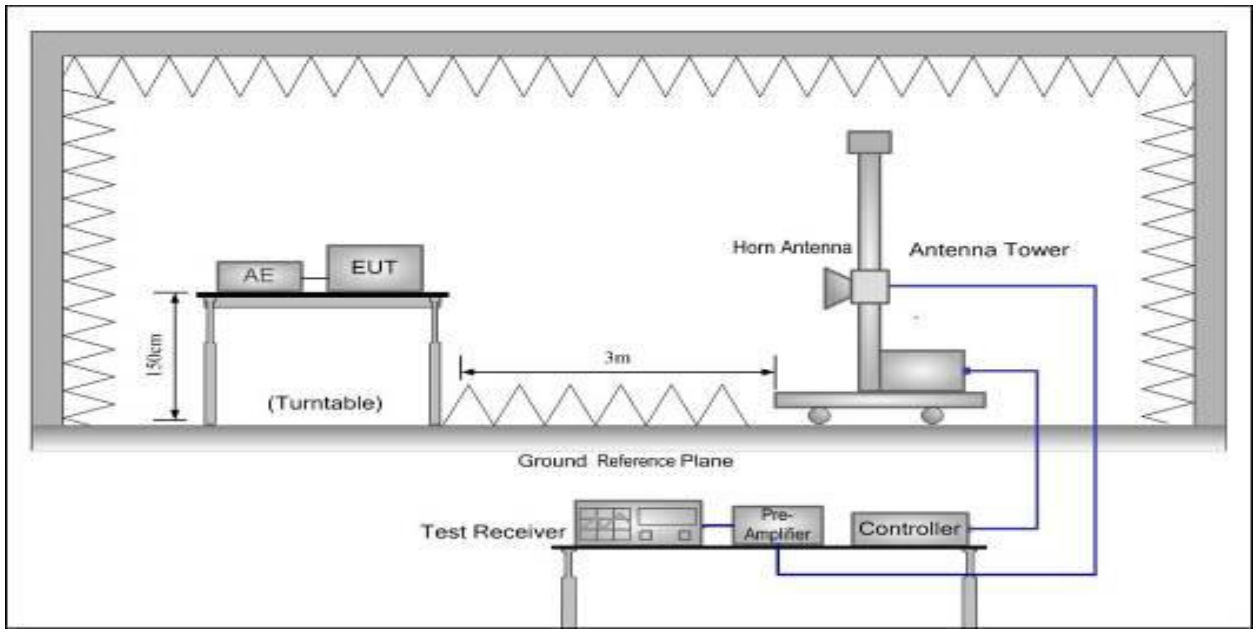
7. Spurious Emissions for Receiver

7.1 Block Diagram Of Test Setup

Below 1GHz



Above 1GHz



7.2 Limits

Frequency range	Maximum power, e.r.p. (≤ 1 GHz) e.i.r.p. (> 1 GHz)	RBW/VBW
25 MHz to 1 GHz	-57 dBm	100 kHz/300KHz
Above 1 GHz	-47 dBm	1 MHz/3MHz

7.3 Test Procedure

■ General Requirements

For measurements above 1 000 MHz the peak value shall be measured using a spectrum analyser. The "max hold" function of a spectrum analyser shall be used. For measurements up to 1 000 MHz the quasi-peak detector set in accordance with the specification of CISPR 16 [1], [2] and [3] shall be used.

■ Method of measurement conducted spurious components

This method of measurement applies to receivers having a permanent antenna connector.

A test load, 50 Ω power attenuator, may be used to protect the measuring receiver (see clause 6.5) against damage when testing a receiver combined in one unit with a transmitter.

The measuring receiver used shall have sufficient dynamic range and sensitivity to achieve the required measurement accuracy at the specified limit. The bandwidth of the measuring receiver shall be adjusted until the sensitivity of the measuring receiver is at least 6 dB below the spurious emission limit given in clause 4.3.5.4. This bandwidth shall be recorded in the test report:

a) The receiver input terminals shall be connected to a measuring receiver having an input impedance of 50 Ω and the receiver is switched on.

b) For carrier frequencies in the range 1 GHz to 20 GHz the frequency of the measuring receiver shall be adjusted over the frequency range 25 MHz to 10 times the carrier frequency, not exceeding 40 GHz. For carrier frequencies above 20 GHz the measuring receiver shall be tuned over the range 25 MHz up to twice the carrier frequency not exceeding 66 GHz. The frequency and the absolute power level of each of the spurious components found shall be noted.

c) If the detecting device is not calibrated in terms of power input, the level of any detected components shall be determined by replacing the receiver by the signal generator and adjusting it to reproduce the frequency and level of every spurious component noted in step b). The absolute power level of each spurious component shall be noted.

d) The frequency and level of each spurious emission measured and the bandwidth of the measuring receiver shall be recorded in the test report.

■ Method of measurement cabinet radiation

This method of measurement applies to receivers having a permanent antenna connector.

a) A test site selected from annex B which fulfils the requirements of the specified frequency range of this measurement shall be used. The test antenna shall be oriented initially for vertical polarization and connected to a measuring receiver. The bandwidth of the measuring receiver shall be adjusted until the sensitivity of the measuring receiver is at least 6 dB below the spurious emission limit given in clause 4.3.5.4. This bandwidth shall be recorded in the test report.

The receiver under test shall be placed on the support in its standard position and connected to an artificial antenna, see clause 5.8.2.

b) For carrier frequencies in the range 1 GHz to 20 GHz the frequency of the measuring receiver shall be adjusted over the frequency range 25 MHz to 10 times the carrier frequency, not exceeding 40 GHz. For carrier frequencies above 20 GHz the measuring receiver shall be tuned over the range 25 MHz up to twice the carrier frequency not exceeding 66 GHz. The frequency of each spurious component shall be noted. If

the test site is disturbed by radiation coming from outside the site, this qualitative search may be performed in a screened room with reduced distance between the transmitter and the test antenna.
c) At each frequency at which a component has been detected, the measuring receiver shall be tuned and the test antenna shall be raised or lowered through the specified height range until the maximum signal level is detected on the measuring receiver.
d) The receiver shall be rotated up to 360° about a vertical axis, to maximize the received signal.
e) The test antenna shall be raised or lowered again through the specified height range until a maximum is obtained. This level shall be noted.
f) The substitution antenna (see clause B.3.2) shall replace the receiver antenna in the same position and in vertical polarization. It shall be connected to the signal generator.
g) At each frequency at which a component has been detected, the signal generator, substitution antenna and measuring receiver shall be tuned. The test antenna shall be raised or lowered through the specified height range until the maximum signal level is detected on the measuring receiver. The level of the signal generator giving the same signal level on the measuring receiver as in step e) shall be noted. This level, after correction due to the gain of the substitution antenna and the cable loss, is the radiated spurious component at this frequency.
h) The frequency and level of each spurious emission measured and the bandwidth of the measuring receiver shall be recorded in the test report.
i) Measurements b) to h) shall be repeated with the test antenna oriented in horizontal polarization.

■ Method of measurement radiated spurious components
This method of measurement applies to receivers having an integral antenna.
a) A test site selected from annex B which fulfils the requirements of the specified frequency range of this measurement shall be used. The test antenna shall be oriented initially for vertical polarization and connected to a measuring receiver. The bandwidth of the measuring receiver shall be adjusted until the sensitivity of the measuring receiver is at least 6 dB below the spurious emission limit given in clause 4.3.5.4. This bandwidth shall be recorded in the test report.
The receiver under test shall be placed on the support in its standard position.
b) The same method of measurement as items b) to i) of clause 4.3.5.3.2 shall apply.

7.4 Test Results

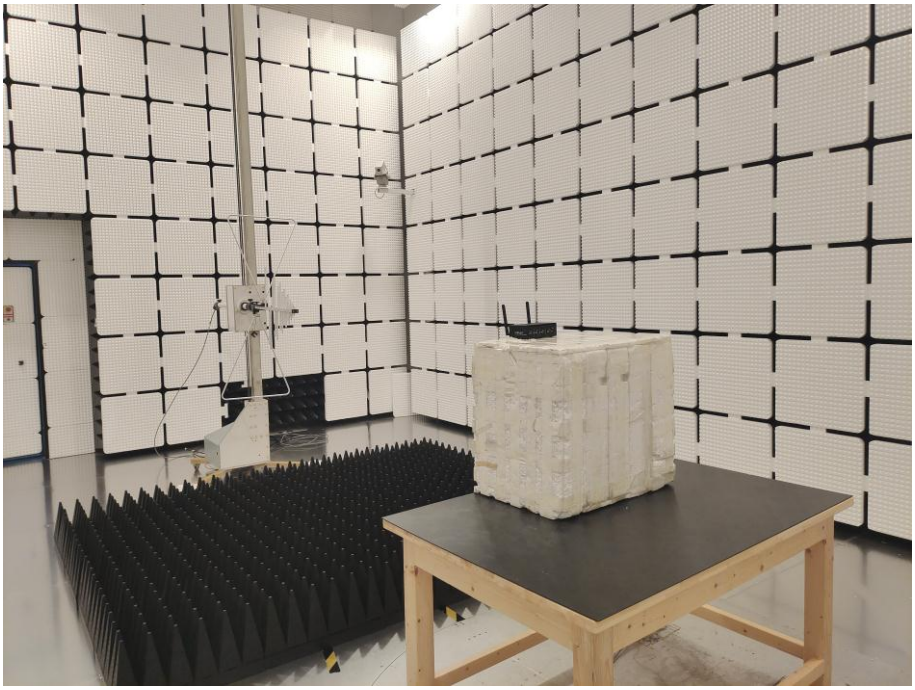
All modes have been tested and reports show data in the worst mode

Frequency	Receiver Reading	Turn table Angle	RX Antenna		Correct	Absolute Level	Result	
			Height	Polar	Factor		Limit	Margin
(MHz)	(dBm)	Degree	(m)	(H/V)	(dBm)	(dBm)	(dBm)	(dB)
802.11a low channel								
233.53	-54.89	317	1.7	H	-11.84	-66.73	-57.00	-9.73
233.53	-56.43	114	1.7	V	-11.84	-68.26	-57.00	-11.26
2396.24	-50.25	53	1.5	H	-6.80	-57.05	-47.00	-10.05
2396.24	-52.49	223	1.2	V	-6.80	-59.29	-47.00	-12.29
802.11a HT20 Mid channel								
233.53	-54.97	93	1.5	H	-11.84	-66.80	-57.00	-9.80
233.53	-55.91	6	1.0	V	-11.84	-67.74	-57.00	-10.74
2396.24	-51.69	154	1.1	H	-6.80	-58.49	-47.00	-11.49
2396.24	-53.43	132	2.0	V	-6.80	-60.23	-47.00	-13.23
802.11a high channel								
233.53	-55.07	140	1.6	H	-11.84	-66.91	-57.00	-9.91
233.53	-55.73	174	1.9	V	-11.84	-67.56	-57.00	-10.56
2396.24	-50.89	151	1.6	H	-6.80	-57.69	-47.00	-10.69
2396.24	-52.63	235	1.6	V	-6.80	-59.43	-47.00	-12.43

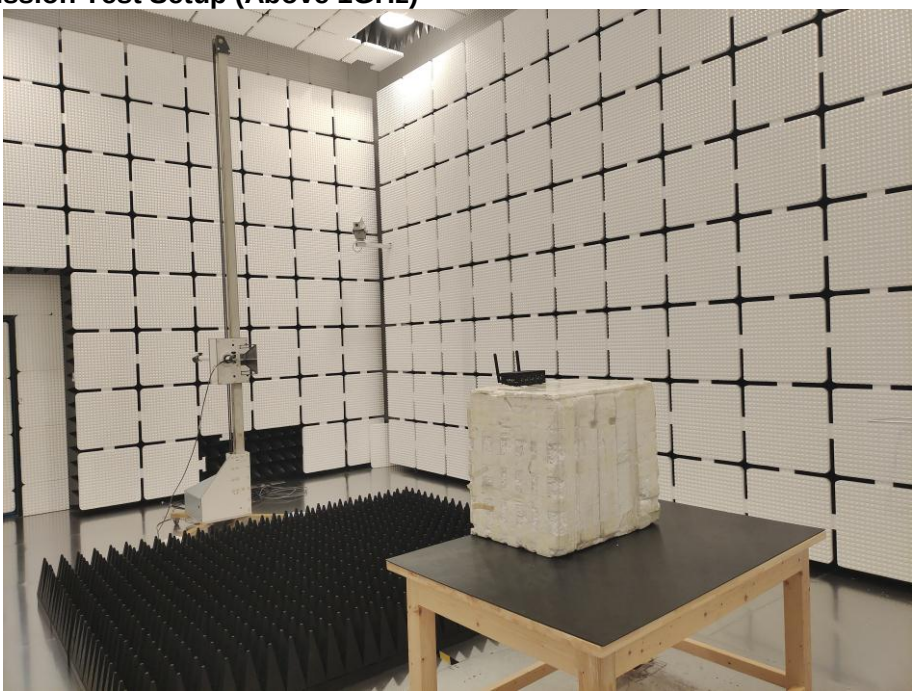
Remark:
Absolute Level = Receiver Reading + Factor
Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Margin= Absolute Level- Limit

8. EUT Test Setup Photographs

Spurious Emission Test Setup (Below 1GHz)



Spurious Emission Test Setup (Above 1GHz)



STATEMENT

1. The equipment lists are traceable to the national reference standards.

2. The test report can not be partially copied unless prior written approval is issued from our lab.

3. The test report is invalid without the "special seal for inspection and testing".

4. The test report is invalid without the signature of the approver.

5. The test process and test result is only related to the Unit Under Test.

6. Sample information is provided by the client and the laboratory is not responsible for its authenticity.

7. The quality system of our laboratory is in accordance with ISO/IEC17025.

8. If there is any objection to this test report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

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※※※※※ **END** ※※※※※