

RED-Radio Test Report

Applicant : Shenzhen Maono Technology Co., Ltd.

Address : No. 1307, 13th Floor, Building 4, Phase II of
Tianan Yungu Industrial Park, Gangtou
Community, Bantian Street, Longgang District,
Shenzhen, China

Product Name : WIRELESS CONDENSER MICROPHONE

Report Date : Dec. 24, 2024



Shenzhen Anbotek Compliance Laboratory Limited

Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
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TEST REPORT

Applicant : Shenzhen Maono Technology Co., Ltd.
Manufacturer : Shenzhen Maono Technology Co., Ltd.
Product Name : WIRELESS CONDENSER MICROPHONE
Model No. : DM40, DM40 Pro, DM40 S, DM40 T, DM40 Pro S, DM40 Pro T,
DM40 Neo, DM40 Neo S, DM40 Neo T, DM40 Lite, DM40 Lite S,
DM40 Lite T, DM40 Ultra, DM40 Ultra S, DM40 Ultra T
Trade Mark : N/A
Rating(s) : Input: 5V $\overline{=}$ 2A(with DC 3.7V, 1500mAh Battery inside)
Test Standard(s) : ETSI EN 300 328 V2.2.2 (2019-07)

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with above listed standard(s) requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt: Nov. 04, 2024

Date of Test: Nov. 05, 2024 to Nov.13, 2024

Prepared By:



(TuTu Hong)

Approved & Authorized Signer:



(Kingkong Jin)



Revision History

Report Version	Description	Issued Date
R00	Original Issue.	Dec. 24, 2024

Shenzhen Anbotek Compliance Laboratory Limited

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1. General Information

1.1. Client Information

Applicant	:	Shenzhen Maono Technology Co., Ltd.
Address	:	No. 1307, 13th Floor, Building 4, Phase II of Tianan Yungu Industrial Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen, China
Manufacturer	:	Shenzhen Maono Technology Co., Ltd.
Address	:	No. 1307, 13th Floor, Building 4, Phase II of Tianan Yungu Industrial Park, Gangtou Community, Bantian Street, Longgang District, Shenzhen, China
Factory	:	Guangdong Dingchuang Smart Manufacturing Co., Ltd.
Address	:	Room 401, Building 8, Tian An Digital City, Fenggang Section 208 Dongshen Road, Fenggang Town, Dongguan City, Guangdong Province, China

1.2. Description of Device (EUT)

Product Name	:	WIRELESS CONDENSER MICROPHONE
Model No.	:	DM40, DM40 Pro, DM40 S, DM40 T, DM40 Pro S, DM40 Pro T, DM40 Neo, DM40 Neo S, DM40 Neo T, DM40 Lite, DM40 Lite S, DM40 Lite T, DM40 Ultra, DM40 Ultra S, DM40 Ultra T (Note: All samples are the same except the model number & appearance color, so we prepare "DM40" for test only.)
Trade Mark	:	N/A
Test Power Supply	:	DC 3.7V battery inside
Test Sample No.	:	1-2-1(Normal Sample), 1-2-2(Engineering Sample)
Adapter	:	N/A
RF Specification		
Operation Frequency	:	2402MHz to 2480MHz
Number of Channel	:	79
Modulation Type	:	GFSK
Antenna Type	:	Ceramic Antenna
Antenna Gain(Peak)	:	1.75dBi
Remark: (1) All of the RF specification are provided by customer. (2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.		



1.3. Auxiliary Equipment Used During Test

Title	Manufacturer	Model No.	Serial No.
/	/	/	/

1.4. Operation channel list

Operation Band:

Channel	Frequency (MHz)						
1	2402	21	2422	41	2442	61	2462
2	2403	22	2423	42	2443	62	2463
3	2404	23	2424	43	2444	63	2464
4	2405	24	2425	44	2445	64	2465
5	2406	25	2426	45	2446	65	2466
6	2407	26	2427	46	2447	66	2467
7	2408	27	2428	47	2448	67	2468
8	2409	28	2429	48	2449	68	2469
9	2410	29	2430	49	2450	69	2470
10	2411	30	2431	50	2451	70	2471
11	2412	31	2432	51	2452	71	2472
12	2413	32	2433	52	2453	72	2473
13	2414	33	2434	53	2454	73	2474
14	2415	34	2435	54	2455	74	2475
15	2416	35	2436	55	2456	75	2476
16	2417	36	2437	56	2457	76	2477
17	2418	37	2438	57	2458	77	2478
18	2419	38	2439	58	2459	78	2479
19	2420	39	2440	59	2460	79	2480
20	2421	40	2441	60	2461	-	-

1.5. Description of Test Modes

Pretest Modes	Descriptions
TM1	Keep the EUT in continuously transmitting mode
TM2	Keep the EUT in continuously receiving mode
TM3	Keep the EUT in normal link mode



1.6. Environment Conditions

ENV	Temperature (°C)	Voltage (VDC)
NTNV	25	3.7
HTNV	45	3.7
LTNV	-10	3.7

1.7. Measurement Uncertainty

Parameter	Uncertainty
Conducted Output Power	0.76dB
Dwell Time	2%
Occupied Bandwidth	925Hz
Conducted Spurious Emission	1.24dB
Radiated spurious emissions (30MHz~1GHz)	Horizontal: 3.92dB; Vertical: 4.52dB
Radiated spurious emissions (above 1GHz)	1G-6GHz: 4.78dB; 6G-18GHz: 4.88dB

The measurement uncertainty and decision risk evaluated according to AB/WI-RF-F-032. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.8. Test Summary

Test Items	Test Modes	Status
RF Power	Mode1	P
Accumulated Transmit Time, Frequency Occupation and Hopping Sequence	Mode1	P
Hopping Frequency Separation	Mode1	P
Occupied Channel Bandwidth	Mode1	P
Transmitter unwanted emissions in the out-of-band domain	Mode1	P
Transmitter unwanted emissions in the spurious domain, conducted	Mode1	P
Receiver spurious emissions, conducted	Mode2	P
Transmitter unwanted emissions in the spurious domain (30MHz to 1GHz)	Mode1	P
Transmitter unwanted emissions in the spurious domain (above 1GHz)	Mode1	P
Receiver spurious emissions (30MHz to 1GHz)	Mode2	P
Receiver spurious emissions (above 1GHz)	Mode2	P
Receiver Blocking	Mode3	P
Note: P: Pass N: N/A, not applicable		



1.9. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.:434132

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 434132.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.
Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China.

1.10. Disclaimer

1. The test report is invalid if not marked with the signatures of the persons responsible for preparing and approving the test report.
2. The test report is invalid if there is any evidence and/or falsification.
3. The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein.
4. This document may not be altered or revised in any way unless done so by Anbotek and all revisions are duly noted in the revisions section.
5. Content of the test report, in part or in full, cannot be used for publicity and/or promotional purposes without prior written approval from the laboratory.
6. The authenticity of the information provided by the customer is the responsibility of the customer and the laboratory is not responsible for its authenticity.

The laboratory is only responsible for the data released by the laboratory, except for the part provided by the applicant.



1.11. Test Equipment List

Receiver spurious emissions, conducted
Receiver Blocking
RF Power
Accumulated Transmit Time, Frequency Occupation and Hopping Sequence
Hopping Frequency Separation
Occupied Channel Bandwidth
Transmitter unwanted emissions in the out-of-band domain
Transmitter unwanted emissions in the spurious domain, conducted

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	MXG RF Vector Signal Generator	Agilent	N5182A	MY48180656	2024-02-04	2025-02-03
2	Constant Temperature Humidity Chamber	ZHONGJIAN	ZJ-KHWS80B	N/A	2024-10-14	2025-10-13
3	MXA Spectrum Analysis	KEYSIGHT	N9020A	MY53280032	2024-09-09	2025-09-08
4	Signal Generator	Agilent	E4421B	MY41000743	2024-10-10	2025-10-09
5	RF Control Unit	Tonscend	JS0806-2	21G8060455	2024-09-09	2025-09-08
6	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	104209	2024-09-09	2025-09-08

Transmitter unwanted emissions in the spurious domain (30MHz to 1GHz)
Receiver spurious emissions (30MHz to 1GHz)

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	Pre-amplifier	SONOMA	310N	186860	2024-01-17	2025-01-16
3	Bilog Broadband Antenna	Schwarzbeck	VULB9163	345	2022-10-23	2025-10-22
4	Loop Antenna (9K-30M)	Schwarzbeck	FMZB1519B	00053	2024-09-12	2025-09-11
5	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	/	/



Transmitter unwanted emissions in the spurious domain (above 1GHz) Receiver spurious emissions (above 1GHz)						
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
1	EMI Test Receiver	Rohde & Schwarz	ESR26	101481	2024-01-23	2025-01-22
2	EMI Preamplifier	SKET Electronic	LNPA-0118G-45	SKET-PA-002	2024-01-17	2025-01-16
3	Double Ridged Horn Antenna	SCHWARZBECK	BBHA 9120D	02555	2022-10-16	2025-10-15
4	EMI Test Software EZ-EMC	SHURPLE	N/A	N/A	/	/
5	Horn Antenna	A-INFO	LB-180400-KF	J211060628	2024-01-22	2027-01-21
6	Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102150	2024-05-06	2025-05-05
7	Amplifier	Talent Microwave	TLLA18G40 G-50-30	23022802	2024-05-07	2025-05-06

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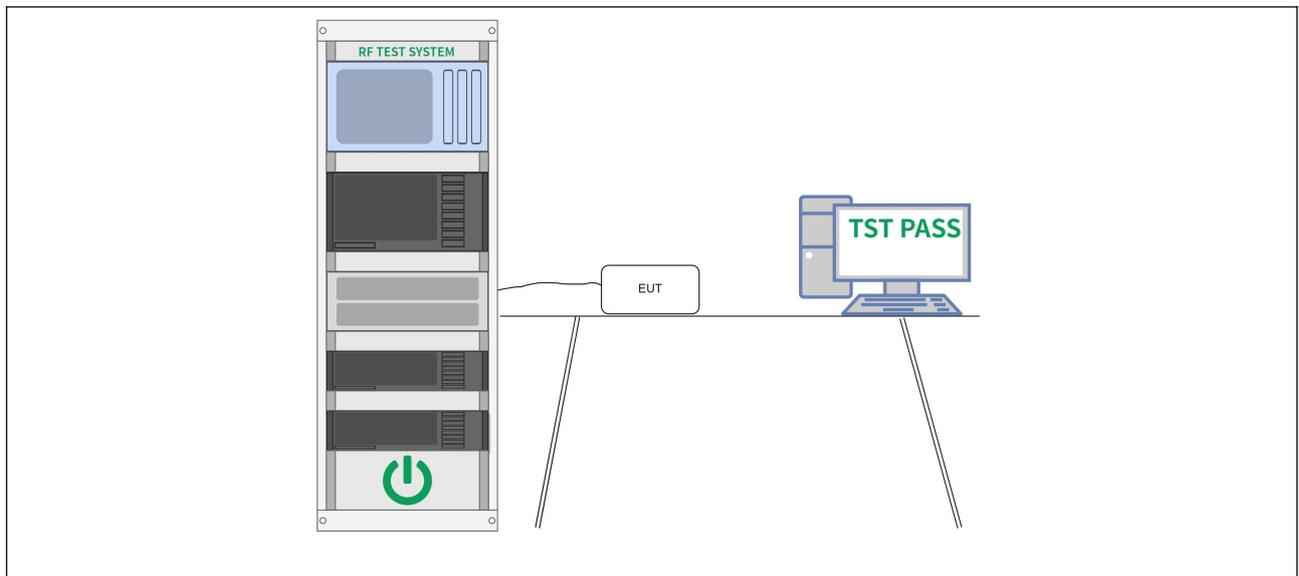
2. RF Power

Test Requirement:	Clause 4.3.1.2.1
Test Limit:	<=20dBm
Test Method:	Clause 5.4.2.2.1
Procedure:	Clause 5.4.2.2.1.2

2.1. EUT Operation

Operating Environment:	
Test mode:	1: TX mode: Keep the EUT in continuously transmitting mode

2.2. Test Setup



2.3. Test Data

Temperature:	23.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



3. Accumulated Transmit Time, Frequency Occupation and Hopping Sequence

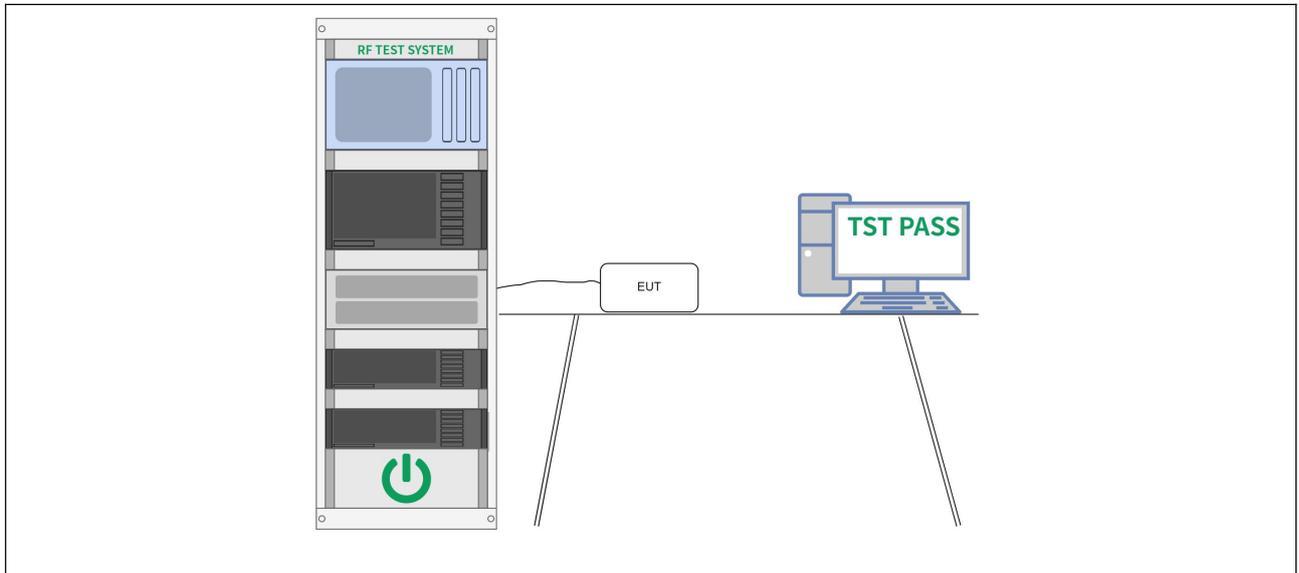
Test Requirement:	Clause 4.3.1.4.1
Test Limit:	Adaptive FHSS equipment shall be capable of operating over a minimum of 70 % of the band specified in table 1. The Accumulated Transmit Time on any hopping frequency shall not be greater than 400 ms within any observation period of 400 ms multiplied by the minimum number of hopping frequencies (N) that have to be used. In order for the FHSS equipment to comply with the Frequency Occupation requirement, it shall meet either of the following two options: Option 1: Each hopping frequency of the Hopping Sequence shall be occupied at least once within a period not exceeding four times the product of the dwell time and the number of hopping frequencies in use. Option 2: The occupation probability for each frequency shall be between $((1 / U) 25 \%)$ and 77 % where U is the number of hopping frequencies in use. The Hopping Sequence(s) shall contain at least N hopping frequencies at all times, where N is either 15 or the result of 15 MHz divided by the minimum Hopping Frequency Separation in MHz, whichever is the greater. NOTE: See also clause 4.3.1.5.3.2 for the Hopping Frequency Separation applicable to adaptive FHSS equipment. For Adaptive FHSS equipment, from the N hopping frequencies defined above, the equipment shall consider at least one hopping frequency for its transmissions. Providing that there is no interference present on this hopping frequency with a level above the detection threshold defined in clause 4.3.1.7.2.2, point 5 or clause 4.3.1.7.3.2, point 5, then the equipment shall have transmissions on this hopping frequency. For Adaptive FHSS equipment using LBT, if a signal is detected during the CCA, the equipment may jump immediately to the next hopping frequency in the Hopping Sequence (see clause 4.3.1.7.2.2, point 2) provided the limit for Accumulated Transmit Time on the new hopping frequency is respected.
Test Method:	Clause 5.4.4.2.1
Procedure:	Clause 5.4.4.2.1

3.1. EUT Operation

Operating Environment:	
Test mode:	1: TX mode: Keep the EUT in continuously transmitting mode



3.2. Test Setup



3.3. Test Data

Temperature:	23.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



4. Hopping Frequency Separation

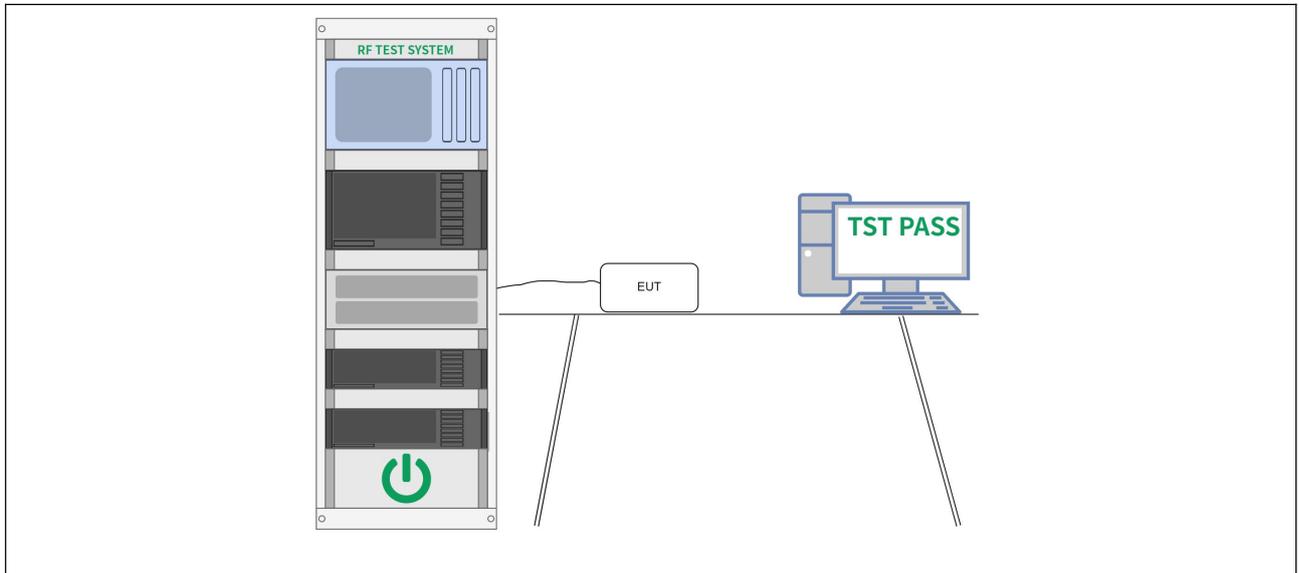
Test Requirement:	Clause 4.3.1.5.1
Test Limit:	<p>For adaptive FHSS equipment, the minimum Hopping Frequency Separation shall be 100 kHz.</p> <p>Adaptive FHSS equipment that switched to a non-adaptive mode for one or more hopping frequencies because interference was detected on each of these hopping frequencies with a level above the threshold level defined in clause 4.3.1.7.2.2, point 5 or clause 4.3.1.7.3.2, point 5, does not have to comply with the Hopping Frequency Separation provided in clause 4.3.1.5.3.1 for non-adaptive FHSS equipment. If the Hopping Frequency Separation is below the Occupied Channel Bandwidth but greater than 100 kHz, the equipment is allowed to continue to operate with this Hopping Frequency Separation as long as the interference remains present on these hopping frequencies. As this relaxed Hopping Frequency Separation only applies to adaptive FHSS equipment, the FHSS equipment shall continue to operate in an adaptive mode on all other hopping frequencies.</p> <p>Adaptive FHSS equipment which decided to operate in a non-adaptive mode on one or more hopping frequencies without the presence of interference, shall comply with the limit for Hopping Frequency Separation for non-adaptive FHSS equipment defined in clause 4.3.1.5.3.1 (first paragraph) for these hopping frequencies.</p>
Test Method:	Clause 5.4.5.2.2
Procedure:	Clause 5.4.5.2.1

4.1. EUT Operation

Operating Environment:	
Test mode:	1: TX mode: Keep the EUT in continuously transmitting mode



4.2. Test Setup



4.3. Test Data

Temperature:	23.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



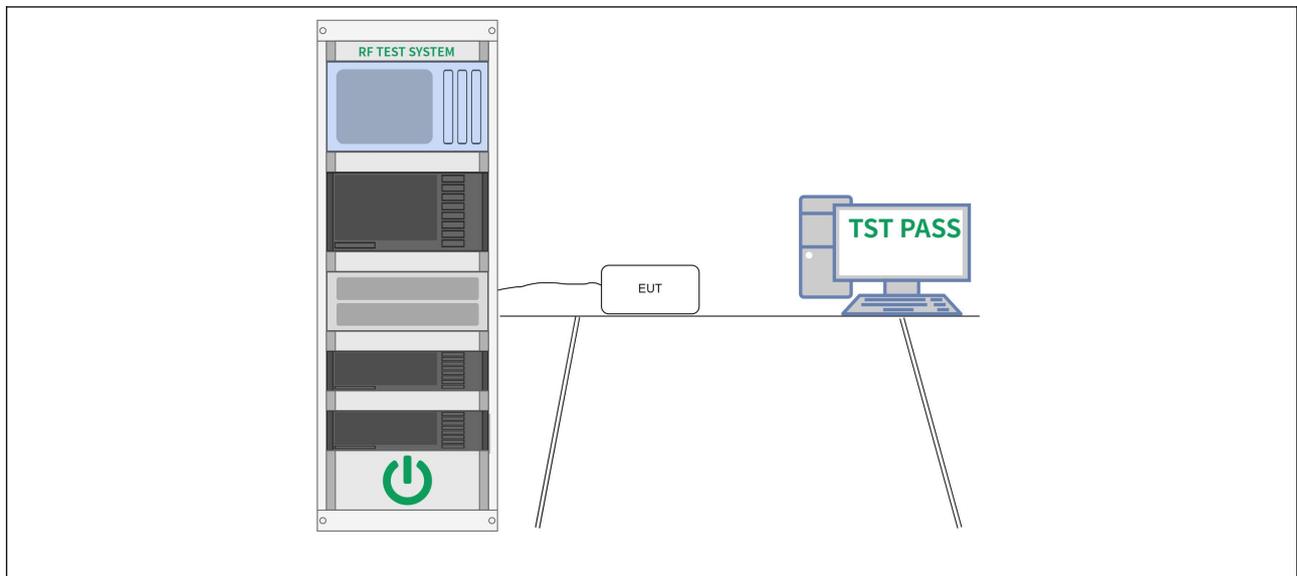
5. Occupied Channel Bandwidth

Test Requirement:	Clause 4.3.1.8.1
Test Limit:	Clause 4.3.1.8.3
Test Method:	Clause 5.4.7.2.1
Procedure:	Clause 5.4.7.2

5.1. EUT Operation

Operating Environment:	
Test mode:	1: TX mode: Keep the EUT in continuously transmitting mode

5.2. Test Setup



5.3. Test Data

Temperature:	23.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



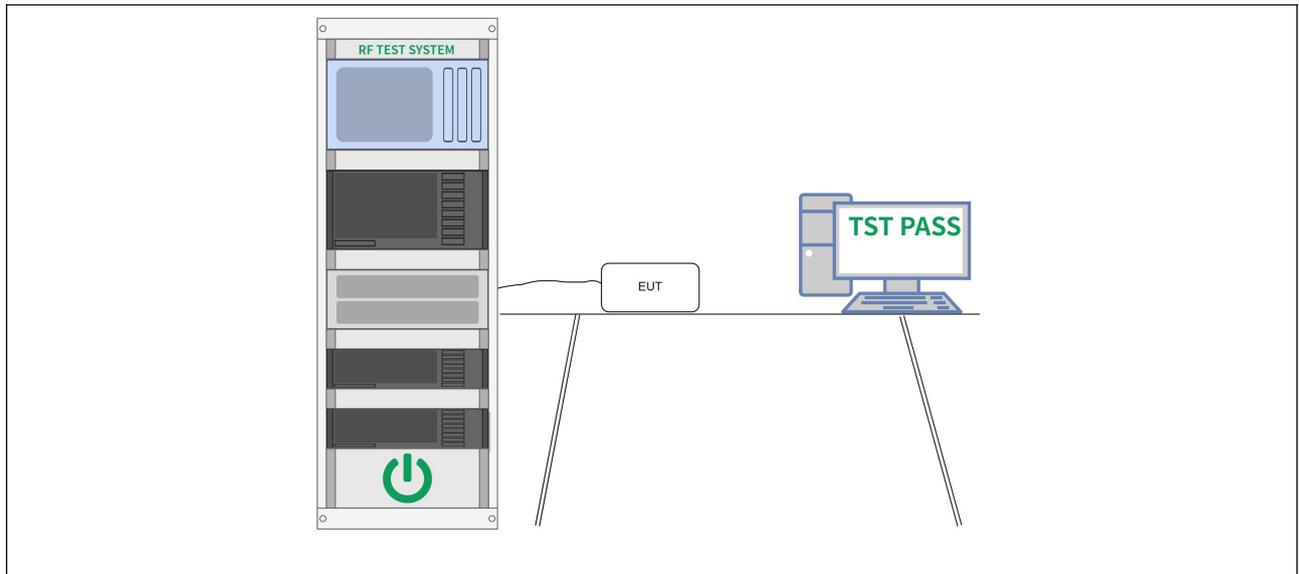
6. Transmitter unwanted emissions in the out-of-band domain

Test Requirement:	Clause 4.3.1.9.1
Test Limit:	Clause 4.3.1.9.3
Test Method:	Clause 5.4.8.2.1
Procedure:	Clause 5.4.8.2.1

6.1. EUT Operation

Operating Environment:	
Test mode:	1: TX mode: Keep the EUT in continuously transmitting mode

6.2. Test Setup



6.3. Test Data

Temperature:	23.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



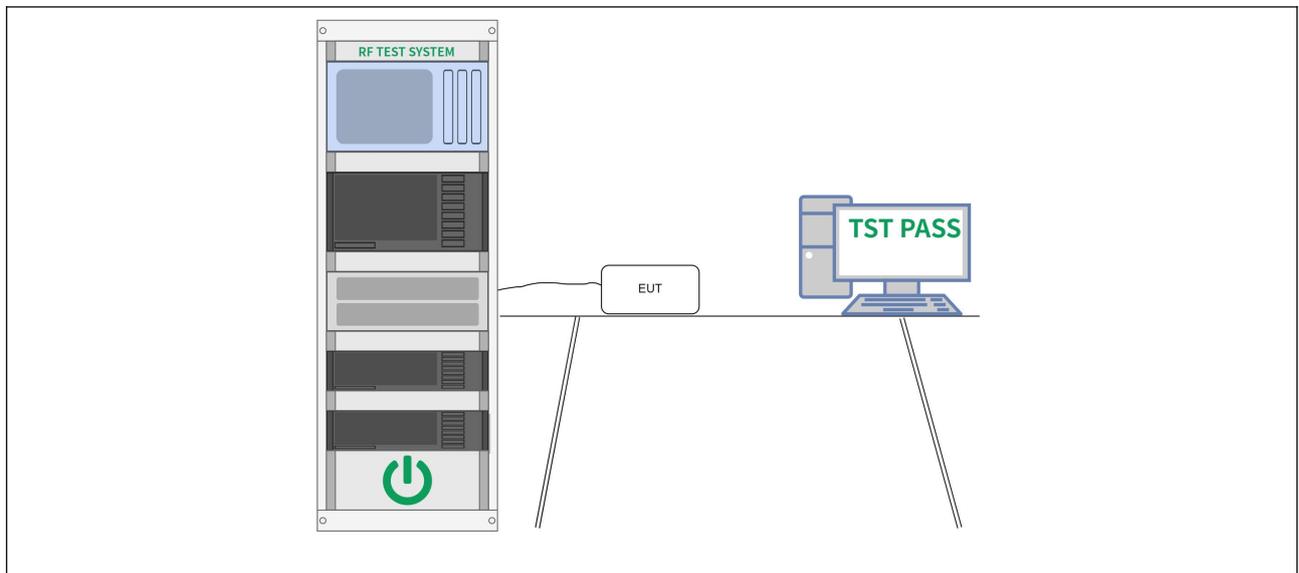
7. Transmitter unwanted emissions in the spurious domain, conducted

Test Requirement:	Clause 4.3.1.10.1
Test Limit:	Clause 4.3.1.10.3
Test Method:	Clause 5.4.9.2.1
Procedure:	Clause 5.4.9.2.1

7.1. EUT Operation

Operating Environment:	
Test mode:	1: TX mode: Keep the EUT in continuously transmitting mode

7.2. Test Setup



7.3. Test Data

Temperature:	23.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



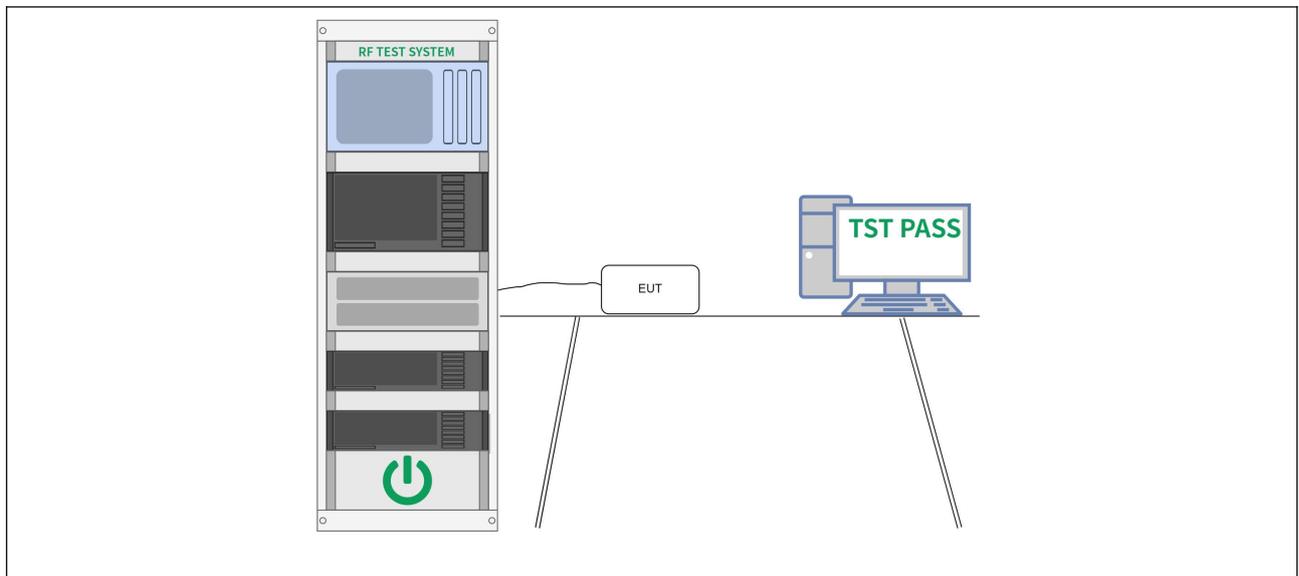
8. Receiver spurious emissions, conducted

Test Requirement:	Clause 4.3.1.11.1
Test Limit:	Clause 4.3.1.11.3
Test Method:	Clause 5.4.10.2.1
Procedure:	Clause 5.4.10.2.1

8.1. EUT Operation

Operating Environment:	
Test mode:	2: RX mode: Keep the EUT in continuously receiving mode

8.2. Test Setup



8.3. Test Data

Temperature:	23.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Please Refer to Appendix for Details.



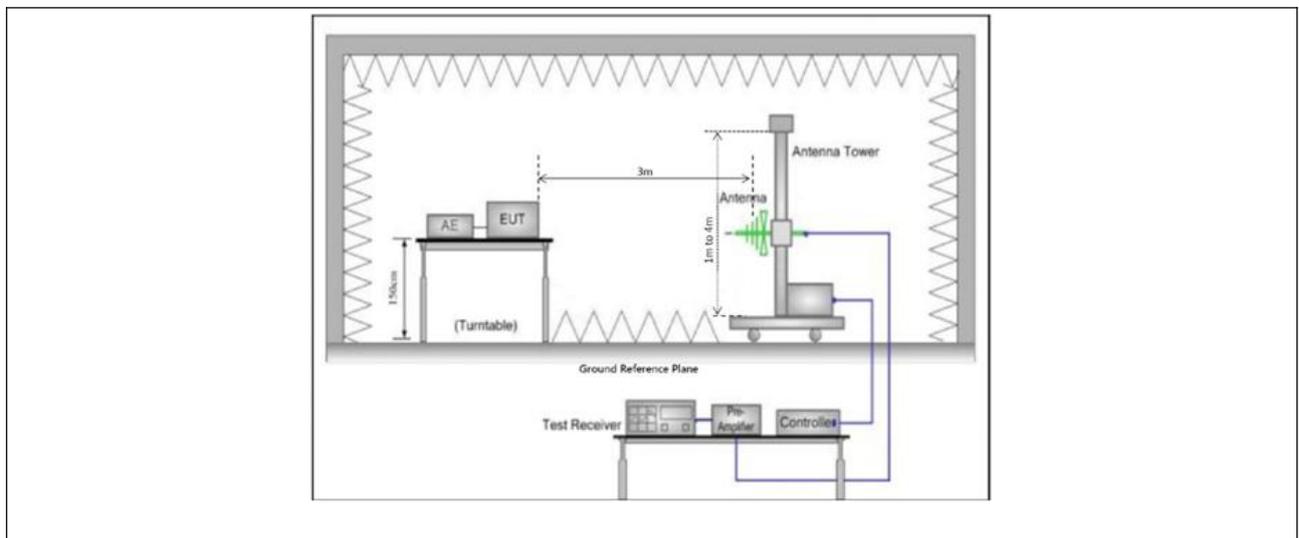
9. Transmitter unwanted emissions in the spurious domain (30MHz to 1GHz)

Test Requirement:	Clause 4.3.1.10.1
Test Limit:	Clause 4.3.1.10.3
Test Method:	Clause 5.4.9.2.2
Procedure:	Clause 5.4.9.2.2

9.1. EUT Operation

Operating Environment:	
Test mode:	1: TX mode: Keep the EUT in continuously transmitting mode

9.2. Test Setup



9.3. Test Data

Temperature:	24 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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TM1 / CH: L						
Frequency (MHz)	Level(dBm)	Limit (dBm)	Margin(dB)	Polarization	Test Result	
62.53	-70.55	-54.00	-16.55	H	PASS	
164.50	-66.11	-36.00	-30.11	H		
394.63	-69.34	-36.00	-33.34	H		
599.00	-71.70	-54.00	-17.70	H		
667.85	-69.44	-54.00	-15.44	H		
909.73	-70.01	-36.00	-34.01	H		
56.61	-72.51	-54.00	-18.51	V		
139.36	-69.62	-36.00	-33.62	V		
387.30	-69.39	-36.00	-33.39	V		
547.39	-73.96	-54.00	-19.96	V		
495.35	-73.61	-54.00	-19.61	V		
904.22	-69.56	-36.00	-33.56	V		
TM1 / CH: H						
Frequency (MHz)	Level(dBm)	Limit (dBm)	Margin(dB)	Polarization		Test Result
63.22	-73.59	-54.00	-19.59	H	PASS	
130.19	-66.12	-36.00	-30.12	H		
390.22	-68.77	-36.00	-32.77	H		
587.65	-69.74	-54.00	-15.74	H		
607.31	-72.35	-54.00	-18.35	H		
768.60	-66.70	-36.00	-30.70	H		
56.89	-70.14	-54.00	-16.14	V		
154.38	-69.68	-36.00	-33.68	V		
316.82	-68.57	-36.00	-32.57	V		
537.63	-68.79	-54.00	-14.79	V		
619.82	-72.41	-54.00	-18.41	V		
755.90	-70.28	-36.00	-34.28	V		



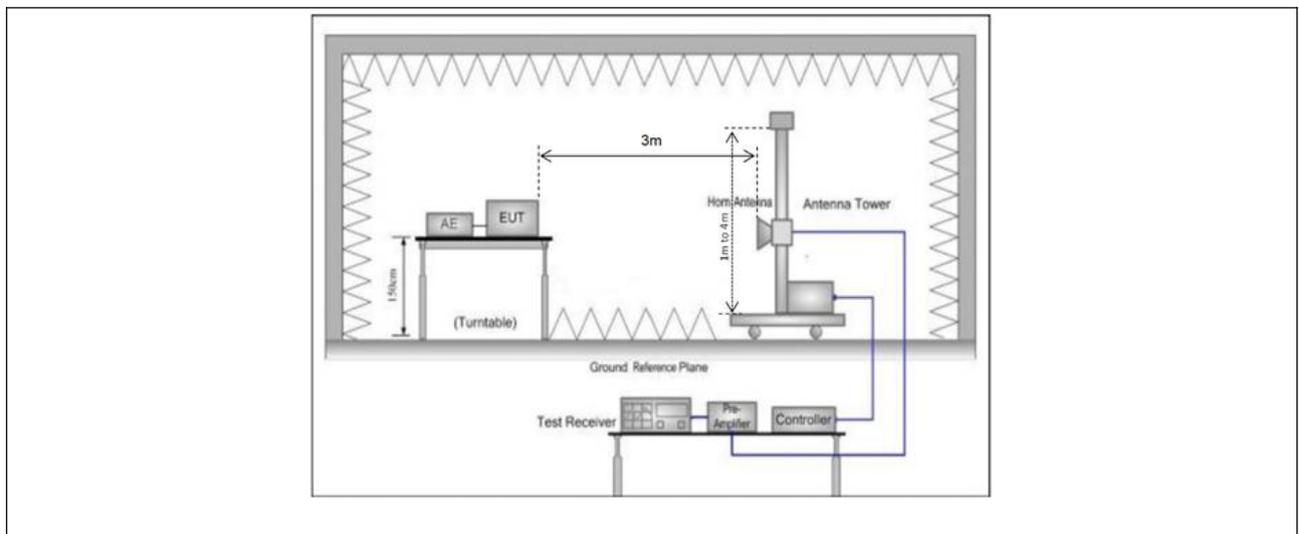
10. Transmitter unwanted emissions in the spurious domain (above 1GHz)

Test Requirement:	Clause 4.3.1.10.1
Test Limit:	Clause 4.3.1.10.3
Test Method:	Clause 5.4.9.2.2
Procedure:	Clause 5.4.9.2.2

10.1. EUT Operation

Operating Environment:	
Test mode:	1: TX mode: Keep the EUT in continuously transmitting mode

10.2. Test Setup



10.3. Test Data

Temperature:	24 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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TM1 / CH: L					
Frequency (MHz)	Level(dBm)	Limit (dBm)	Margin(dB)	Polarization	Test Result
4804.76	-64.27	-30.00	-34.27	H	PASS
7206.06	-64.40	-30.00	-34.40	H	
9608.78	-64.71	-30.00	-34.71	H	
4804.70	-57.86	-30.00	-27.86	V	
7206.95	-59.65	-30.00	-29.65	V	
9608.33	-64.38	-30.00	-34.38	V	
TM1 / CH: H					
Frequency (MHz)	Level(dBm)	Limit (dBm)	Margin(dB)	Polarization	Test Result
4960.40	-55.26	-30.00	-25.26	H	PASS
7440.74	-61.95	-30.00	-31.95	H	
9921.00	-66.63	-30.00	-36.63	H	
4960.96	-67.59	-30.00	-37.59	V	
7440.54	-64.11	-30.00	-34.11	V	
9920.06	-62.94	-30.00	-32.94	V	



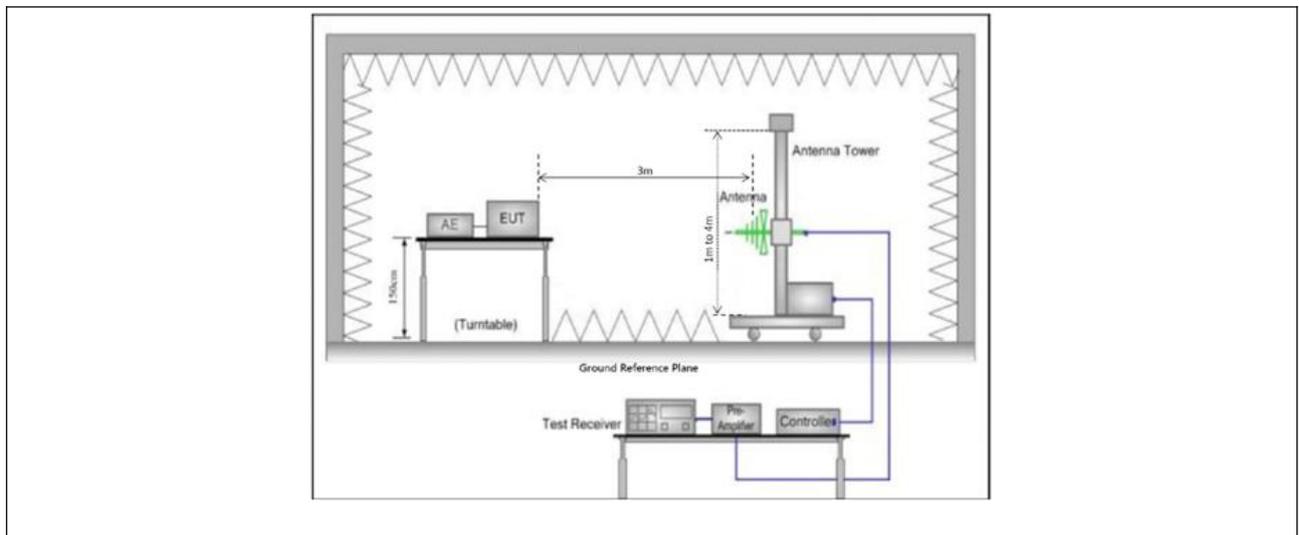
11. Receiver spurious emissions (30MHz to 1GHz)

Test Requirement:	Clause 4.3.1.11.1
Test Limit:	Clause 4.3.1.11.3
Test Method:	Clause 5.4.10.2.2
Procedure:	Clause 5.4.10.2.2

11.1. EUT Operation

Operating Environment:	
Test mode:	2: RX mode: Keep the EUT in continuously receiving mode

11.2. Test Setup



11.3. Test Data

Temperature:	24 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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TM2 / CH: L						
Frequency (MHz)	Level(dBm)	Limit (dBm)	Margin(dB)	Polarization	Test Result	
55.32	-67.31	-57.00	-10.31	H	PASS	
146.82	-66.44	-57.00	-9.44	H		
321.44	-68.39	-57.00	-11.39	H		
822.72	-66.82	-57.00	-9.82	H		
856.28	-69.60	-57.00	-12.60	H		
825.07	-70.31	-57.00	-13.31	H		
67.58	-65.20	-57.00	-8.20	V		
162.20	-66.98	-57.00	-9.98	V		
456.83	-68.71	-57.00	-11.71	V		
637.99	-68.43	-57.00	-11.43	V		
830.20	-66.86	-57.00	-9.86	V		
1004.55	-74.30	-57.00	-17.30	V		
TM2 / CH: H						
Frequency (MHz)	Level(dBm)	Limit (dBm)	Margin(dB)	Polarization		Test Result
73.90	-67.06	-57.00	-10.06	H	PASS	
148.89	-65.11	-57.00	-8.11	H		
324.27	-70.42	-57.00	-13.42	H		
821.35	-73.71	-57.00	-16.71	H		
824.48	-67.41	-57.00	-10.41	H		
743.15	-66.54	-57.00	-9.54	H		
65.33	-74.31	-57.00	-17.31	V		
144.03	-68.17	-57.00	-11.17	V		
341.21	-71.03	-57.00	-14.03	V		
808.68	-66.02	-57.00	-9.02	V		
698.78	-67.78	-57.00	-10.78	V		
763.64	-66.27	-57.00	-9.27	V		



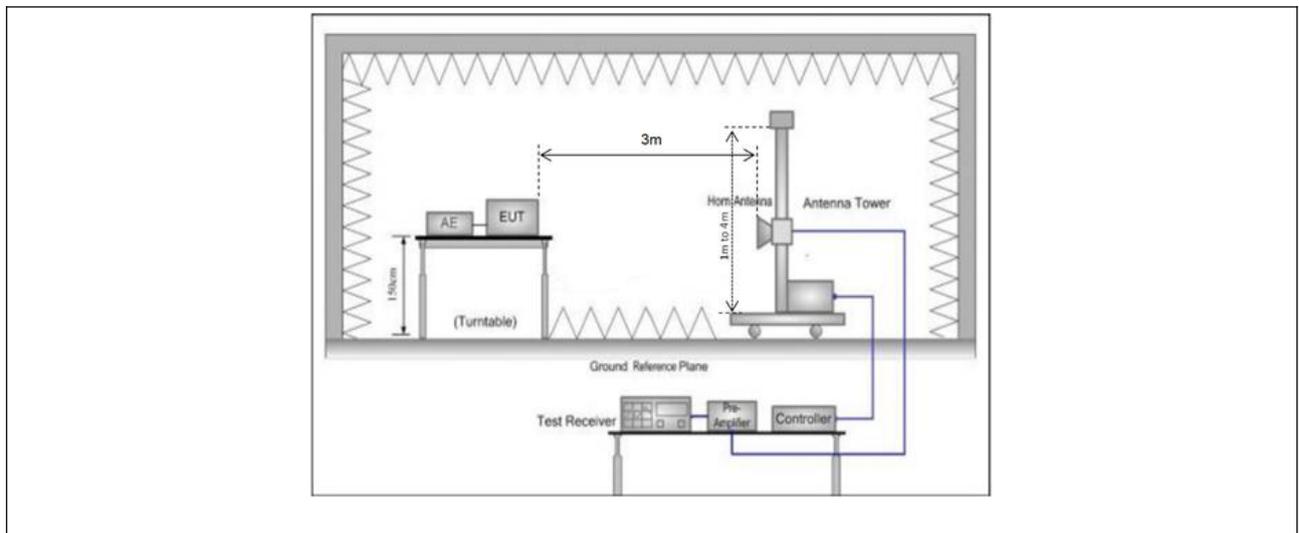
12. Receiver spurious emissions (above 1GHz)

Test Requirement:	Clause 4.3.1.11.1
Test Limit:	Clause 4.3.1.11.3
Test Method:	Clause 5.4.10.2.2
Procedure:	Clause 5.4.10.2.2

12.1. EUT Operation

Operating Environment:	
Test mode:	2: RX mode: Keep the EUT in continuously receiving mode

12.2. Test Setup



12.3. Test Data

Temperature:	24 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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TM2 / CH: L					
Frequency (MHz)	Level(dBm)	Limit (dBm)	Margin(dB)	Polarization	Test Result
2929.54	-60.47	-47.00	-13.47	H	PASS
5340.27	-65.86	-47.00	-18.86	H	
8149.55	-65.36	-47.00	-18.36	H	
3431.95	-66.42	-47.00	-19.42	V	
6037.38	-65.51	-47.00	-18.51	V	
8181.45	-60.17	-47.00	-13.17	V	
TM2 / CH: H					
Frequency (MHz)	Level(dBm)	Limit (dBm)	Margin(dB)	Polarization	Test Result
3596.46	-56.01	-47.00	-9.01	H	PASS
6182.42	-59.53	-47.00	-12.53	H	
8061.82	-63.63	-47.00	-16.63	H	
3211.53	-57.18	-47.00	-10.18	V	
6455.13	-59.13	-47.00	-12.13	V	
8171.31	-63.01	-47.00	-16.01	V	



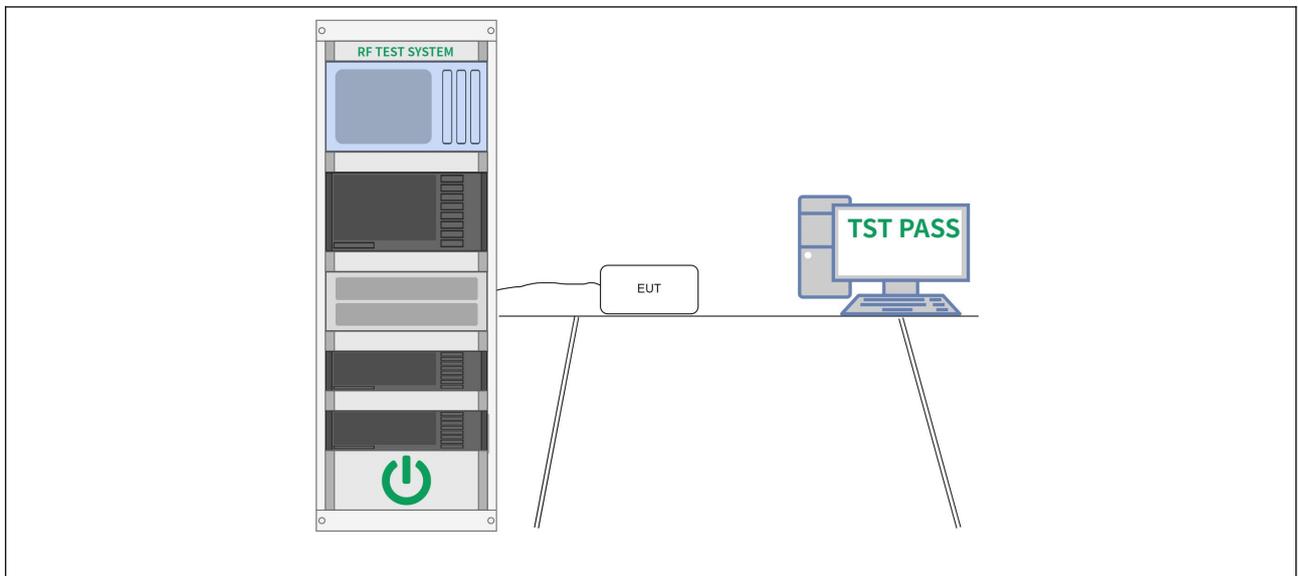
13. Receiver Blocking

Test Requirement:	Clause 4.3.1.12.1
Test Limit:	Clause 4.3.1.12.4
Test Method:	Clause 5.4.11.2.1
Procedure:	Clause 5.4.11.2.1

13.1. EUT Operation

Operating Environment:	
Test mode:	3: Normal mode: Keep the EUT in normal link mode

13.2. Test Setup



13.3. Test Data

Temperature:	23.4 °C	Humidity:	49 %	Atmospheric Pressure:	101 kPa
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Test Mode	Wanted Signal Mean Power from Companion Device (dBm/MHz)	Blocking Signal Frequency (MHz)	Blocking Signal Power (dBm)	Type of Blocking Signal	PER(%)	Test Result
2.4G	-59.01	2380	-32.25	CW	1.21	PASS
		2504			0.58	PASS
		2300			0.80	PASS
		2584			0.79	PASS

Note: Antenna Gain(Peak) is 1.75dBi, so the above table is given with the calculated levels.



APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph_RF

APPENDIX II -- EXTERNAL PHOTOGRAPH

Please refer to separated files Appendix II -- External Photograph

APPENDIX III -- INTERNAL PHOTOGRAPH

Please refer to separated files Appendix III -- Internal Photograph

----- End of Report -----

