Test Report

Verified code: 704398

Report No.: E20210914342601-3

Customer:	Lumi United Technology Co., Ltd.
Address:	8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen, China
Sample Name:	Camera Hub G2H Pro
Sample Model:	CH-C01
Receive Sample Date:	Sep.15,2021
Test Date:	Sep.16,2021 ~ Oct.12,2021
Reference Document:	ETSI EN 300 328 V2.2.2 (2019-07)Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
Test Result:	Pass

Prepared By: Reviewed By: Approved By:

GUANGZHOU GRG METROLOGY & TEST CO., LTD

Issued Date: 2021-10-29

GUANGZHOU GRG METROLOGY & TEST CO., LTD
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5. Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved propaganda.

Table of Contents

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1 TEST RESULT SUMMARY

Test Item	Test mode	Test Requirement	Test Method	Class / Severity	Test Result
1. Transmitter Part					
RF Output Power	TX mode	EN300 328 V2.2.2/ 4.3.2.2	EN300 328 V2.2.2/5.4.2.2.1	Meet requirements: EN300 328 V2.2.2/ 4.3.2.2	PASS
Power Spectral Density	TX mode	EN300 328 V2.2.2/4.3.2.3	EN300 328 V2.2.2/5.4.3.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.3	PASS
Duty Cycle, Tx-sequence, Tx-gap	TX mode	EN300 328 V2.2.2/4.3.2.4	EN300 328 V2.2.2/5.4.2.2.1	Meet requirements: EN300 328 V2.2.2/4.3.2.4	N/A[1)]
Medium Utilisation (MU) factor	TX mode	EN300 328 V2.2.2/ 4.3.2.5	EN300 328 V2.2.2/5.4.2.2	Meet requirements: EN300 328 V2.2.2/ 4.3.2.5	N/A[1)]
Adaptivity	TX mode	EN300 328 V2.2.2/ 4.3.2.6	EN300 328 V2.2.2/5.4.6.2.1	Meet requirements: EN300 328 V2.2.2/ 4.3.2.6	N/A[1)]
Occupied Channel Bandwidth	TX mode	EN300 328 V2.2.2/ 4.3.2.7	EN300 328 V2.2.2/5.4.7.2.1	Meet requirements: EN300 328 V2.2.2/ 4.3.2.7	PASS
Transmitter unwanted emissions in the out-of-band domain	TX mode	EN300 328 V2.2.2/ 4.3.2.8	EN300 328 V2.2.2/5.4.8.2.1	Meet requirements: EN300 328 V2.2.2/ 4.3.2.8	PASS
Transmitter unwanted emissions in the spurious domain	TX mode	EN300 328 V2.2.2/ 4.3.2.9	EN300 328 V2.2.2/5.4.9.2.2	Meet requirements: EN300 328 V2.2.2/ 4.3.2.9	PASS
2. Receiver Part					
Receiver spurious emissions	RX mode	EN300 328 V2.2.2/ 4.3.2.10	EN300 328 V2.2.2/5.4.10.2.2	Meet requirements: EN300 328 V2.2.2/ 4.3.2.10	PASS
Receiver Blocking	RX mode	EN300 328 V2.2.2/ 4.3.2.11	EN300 328 V2.2.2/5.4.11.2.1	Meet requirements: EN300 328 V2.2.2/ 4.3.2.11	PASS

Note:

1. This item does not apply for equipment with a declared RF Output power level of less than 10 dBm e.i.r.p. or for equipment when operating in a mode where the RF Output power is less than 10 dBm e.i.r.p, but the EUT power is less than 10dBm, so it is not applied.

2 GENERAL DESCRIPTION OF EUT

2.1 APPLICANT INFORMATION

Name:	Lumi United Technology Co., Ltd.
Address:	8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen, China

2.2 MANUFACTURER

Manufacture:	Lumi United Technology Co., Ltd.
Address:	8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen, China

2.3 BASIC DESCRIPTION OF EUT

Product Name:	Camera Hub G2H Pro
Product Model:	CH-C01
Adding Model:	/
Trade Name:	Aqara
Power Supply:	Input: 5V⎓1A
Frequency Band:	2405MHz-2475MHz
Modulation Type:	OQPSK
Antenna Specification:	Internal antenna 1.5dBi gain (Max.)
Sample submitting way:	■Provided by customer □Sampling
Sample No:	E20210914342601-0004, E20210914342601-0008
Temperature Range:	-10 ℃ ~ 40 ℃
Hardware Version:	X1
Software Version:	V1.0.3_0006.0004
Note:	/

2.4 TEST MODE

Test mode 1:	Zigbee TX mode
Test mode 2:	Zigbee RX mode
Test mode 3:	Zigbee Normal mode

2.5 DESCRIPTION OF ADAPTIVE EQUIPMENT

The type of the equipment	☐ FHSS	☑ other forms of modulation	☐ Non-FHSS	
Adaptive / non-adaptive equipment	☑ Non-adaptive Equipment	☐ adaptive Equipment without the possibility to switch to a non-adaptive mode	☐ adaptive Equipment which can also operate in a non-adaptive mode	
The equipment has an implemented	☐ Frame Based equipment	☑ Load Based equipment	☐ non-LBT based DAA mechanism	☐ other
Device Class	☐ Wi-Fi	☐ Bluetooth Low Energy	☐ Bluetooth EDR/BR	☐ BT 5.2
Wi-Fi Channel Bandwidth	☐ 20MHz	☐ 40MHz	☐ 80MHz	☐ 160MHz
Antenna Gain	☑ Antenna1 1.5dBi	☐ Antenna 2 dBi	☐ Antenna 3 dBi	☐ Antenna 4 dBi
Beamforming Gain	☐ Yes, dBi	☑ No		
Extreme operating conditions	☑ Operating temperature range:	☑ Min -10℃	☑ Max 40℃	
Blocking	☑ PER	☐ The manufacturer may declare alternative performance criteria		
Geo-location capability supported by the equipment	☐ Yes	☑ No		

The maximum RF output power is 9.44dBm, so the EUT is Receiver Category 2 equipment.

3 LABORATORY

The tests and measurements refer to this report were performed by Shenzhen EMC Laboratory of Guangzhou GRG Metrology & Test Co., Ltd.

Add. :	No.1301 Guanguang Road Xinlan Community, Guanlan Street, Longhua District Shenzhen, 518110, People's Republic of China
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4 ACCREDITATIONS

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

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China	CNAS(L0446)

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

5 MEASUREMENTS UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in ETSI EN TR 100 028-1 (i.15) and ETSI EN 100 028-2 (i 8):

Measurement		Frequency	Uncertainty
Radiated Emission	Horizontal	30MHz～1000MHz	4.3dB
		1GHz～18GHz	5.6dB
	Vertical	30MHz～1000MHz	4.3dB
		1GHz～18GHz	5.6dB

Measurement	Uncertainty
RF frequency	6.0×10^{-6}
RF power conducted	0.78 dB
Occupied channel bandwidth	0.4 dB
Unwanted emission, conducted	0.68 dB
Humidity	6 %
Temperature	2℃

This uncertainty represents an expanded uncertainty factor of k=2.

6 EQUIPMENT AND TOOLS USED DURING TEST

6.1 TEST EQUIPMENT AND TOOLS

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Maximum transmit power & Maximum e.i.r.p. spectral density &occupied channel bandwidth& Transmitter unwanted emissions in the out-of-band domain				
Simultaneous sampling DAQ	TONSCEND	JS0806-2	186060020	2022-09-04
Temperature& humidity chamber	HOSON	HS01060SDF	201013401	2022-09-02
Pulse power sensor	Agilent	MA2411B	1126150	2022-03-21
Power meter	Anritsu	ML2495A	1204003	2022-03-21
Spectrum Analyzer	Agilent	N9020A	MY50510140	2021-12-15
BT/Wi-Fi System	TONSCEND	JS1120-3		
Transmitter unwanted emissions in the spurious domain & Receiver spurious emissions				
EXA signal analyzer	Agilent	N9020A	MY52221469	2022-04-16
Bi-log Antenna	Schwarzbeck	VULB9163	01279	2022-02-25
Horn Antenna	Schwarzbeck	BBHA9120D (1201)	02143	2021-12-17
Amplifier	tonscend	TAP9E6343	AP20E806065	2022-06-03
Amplifier	tonscend	TAP01018048	AP20E8060075	2022-06-07
Test software	Tonscend	JS36-RSE/2.5.1.5		
Receiver Blocking				
Vector Signal Generator	Agilent	N5182A	MY50142870	2022-09-04
Wideband radio Communication Tester	R&S	CMW500	144611-nC	2022-06-10
BT/Wi-Fi System	Tonscend	JS1120-3		

6.2 LOCAL SUPPORTIVE INSTRUMENTS

Name of Equipment	Manufacturer	Model	Serial Number	Note
Notebook	LENOVO	TianYi 310-14ISK	MP18DLC6	/
/	/	/	/	/
Cable				
/	/	/	/	/

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

6.3 TEST SOFTWARE

Software version	Test level
QCOM_V1.0	default

7 RADIO TECHNICAL REQUIREMENT SPECIFICATION

7.1 RF OUTPUT POWER

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

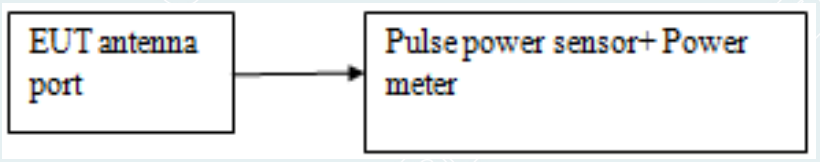
7.1.1 LIMIT

For adaptive equipment, the maximum RF output power shall be 20 dBm.

The maximum RF output power for non-adaptive equipment shall be declared by the manufacturer and shall not exceed 20 dBm. See clause 5.4.1 m). For non-adaptive equipment, the maximum RF output power shall be equal to or less than the value declared by the manufacturer.

This limit shall apply for any combination of power level and intended antenna assembly.

7.1.2 TEST CONFIGURATION



7.1.3 TEST PROCEDURES

Test procedure: Test procedure is according to EN 300 328 V2.2.2

Test channel: 2405MHz,2440MHz and 2475MHz for Zigbee

Test condition: Normal and extreme test conditions.

Test condition	Temperature(℃)
Normal condition	23.4 ℃
Extreme condition	Minimum Temperature: -10 ℃
	Maximum Temperature:+40 ℃

7.1.4 TEST RESULTS

Test Date (yy-mm-dd): 2021-09-26

Test environment: Normal condition: Temp: 23.4℃, Humid:49%

Extreme test conditions: Low Temp: -10℃

High Temp: +40℃

Test Mode	Test Frequency	Measurement Conditions	Test Data			Max. e.i.r.p. Limit(dBm)	Conclusion
			Conducted Power (dBm)	Antenna Gain (dBi)	e.i.r.p. (dBm)		
Zigbee	2405	Normal temperature/ Normal voltage	7.72	1.5	9.22	20	PASS
	2440		7.81	1.5	9.31	20	PASS
	2475		7.93	1.5	9.43	20	PASS

Test Mode	Test Frequency	Measurement Conditions	Test Data			Max. e.i.r.p. Limit(dBm)	Conclusion
			Conducted Power (dBm)	Antenna Gain (dBi)	e.i.r.p. (dBm)		
Zigbee	2405	Low temperature/ Normal voltage	7.72	1.5	9.22	20	PASS
	2440		7.81	1.5	9.31	20	PASS
	2475		7.94	1.5	9.44	20	PASS

Test Mode	Test Frequency	Measurement Conditions	Test Data			Max. e.i.r.p. Limit(dBm)	Conclusion
			Conducted Power (dBm)	Antenna Gain (dBi)	e.i.r.p. (dBm)		
Zigbee	2405	High temperature/ Normal voltage	7.72	1.5	9.22	20	PASS
	2440		7.81	1.5	9.31	20	PASS
	2475		7.94	1.5	9.44	20	PASS

7.2 POWER SPECTRAL DENSITY

Test Requirement: EN300 328 V2.2.2

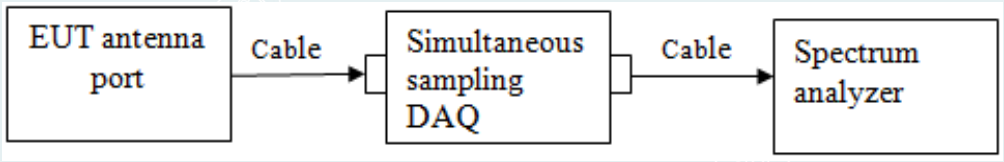
Test Method: EN300 328 V2.2.2

7.2.1 LIMIT

This requirement applies to all types of equipment using wide band modulations other than FHSS.

For equipment using wide band modulations other than FHSS, the maximum Power Spectral Density is limited to 10 dBm per MHz.

7.2.2 TEST CONFIGURATION



7.2.3 TEST PROCEDURES

Test condition: Normal test conditions

Test channel: 2405MHz,2440MHz and 2475MHz for Zigbee

Test procedure: Test procedure is according to EN 300 328 V2.2.2

Remark: /

7.2.4 TEST RESULTS

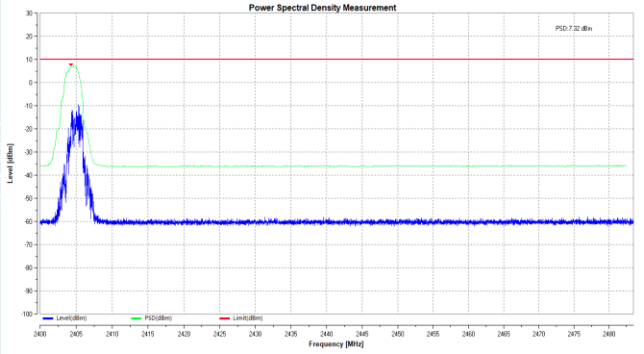
Test Date (yy-mm-dd): 2021-09-26

Test environment: Normal condition:

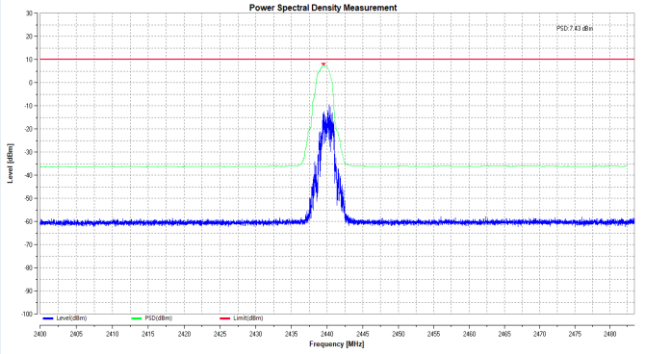
Temp:23.4℃, Humid:49%

TestMode	Antenna	Channel	PSD[dBm/MHz]	Limit[dBm/MHz]	Verdict
Zigbee	Ant1	2405	7.32	10	PASS
		2440	7.43	10	PASS
		2475	7.54	10	PASS

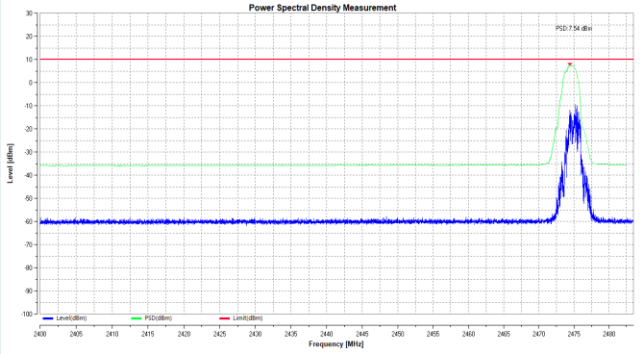
7.2.5 TEST SCREENSHOTS



Lowest Frequency: 2405MHz



Middle Frequency: 2440MHz



Highest Frequency: 2475MHz

7.3 OCCUPIED CHANNEL BANDWIDTH

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

7.3.1 LIMIT

This requirement applies to all types of non-FHSS equipment.

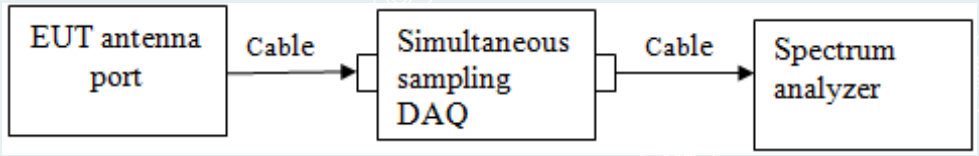
The Occupied Channel Bandwidth shall fall completely within the band given in table 2.

In addition, for non-adaptive equipment using wide band modulations other than FHSS and with e.i.r.p. greater than 10 dBm, the occupied channel bandwidth shall be less than 20 MHz.

Table 2: Service frequency bands

	Service frequency bands
Transmit	2 400 MHz to 2 483,5 MHz
Receive	2 400 MHz to 2 483,5 MHz

7.3.2 TEST CONFIGURATION



7.3.3 TEST PROCEDURES

Test condition: Normal test conditions.

Test channel: 2405MHz,2440MHz and 2475MHz for Zigbee

Test procedure: Test procedure is according to EN 300 328 V2.2.2

7.3.4 TEST RESULTS

Test Date (yy-mm-dd): 2021-09-21

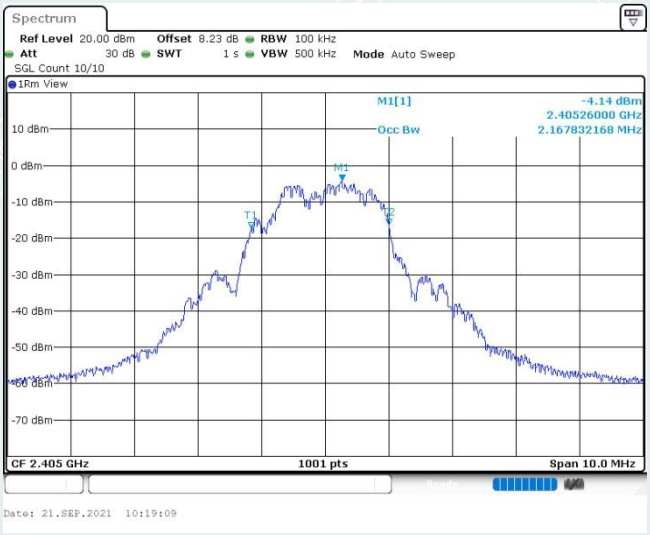
Test environment: Normal condition:

Temp: 23.5℃, Humid:49%

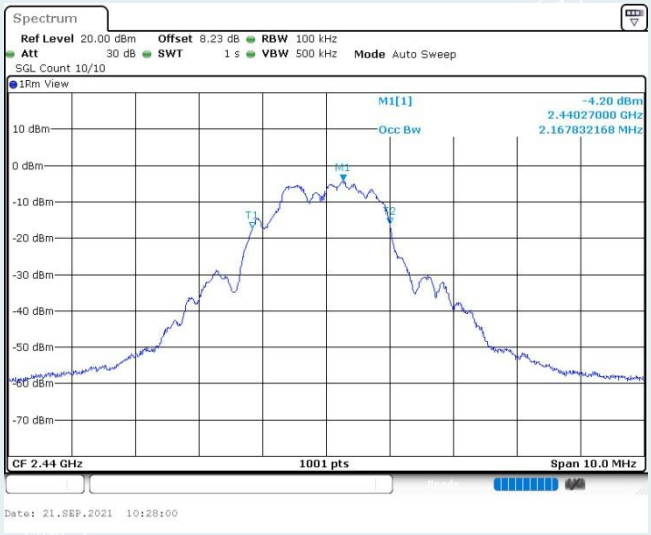
TestMode	Antenna	Channel	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Zigbee	Ant1	2405	2.168	2403.8310	2405.9990	2400 to 2483.5	PASS
		2440	2.168	2438.8310	2440.9990	2400 to 2483.5	PASS
		2475	2.168	2473.8310	2475.9990	2400 to 2483.5	PASS

The unit does meet the requirements.

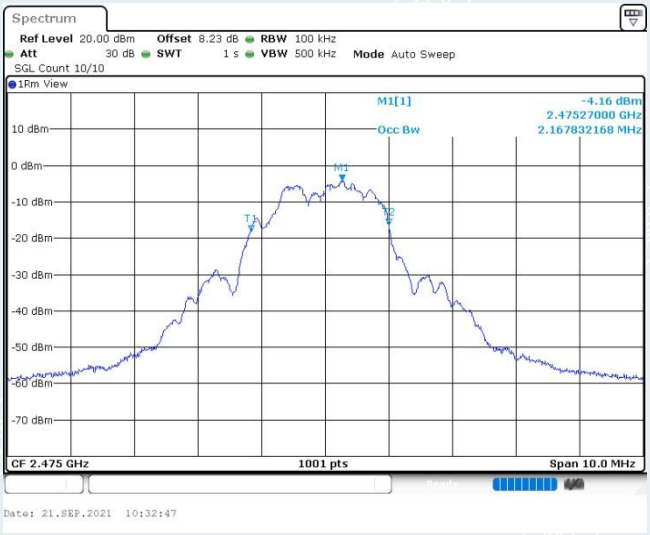
7.3.5 TEST SCREENSHOTS



Lowest Frequency: 2405MHz



Middle Frequency: 2440MHz



Highest Frequency: 2475MHz

7.4 TRANSMITTER UNWANTED EMISSIONS IN THE OUT-OF-BAND DOMAIN

Test Requirement: EN300 328 V2.2.2

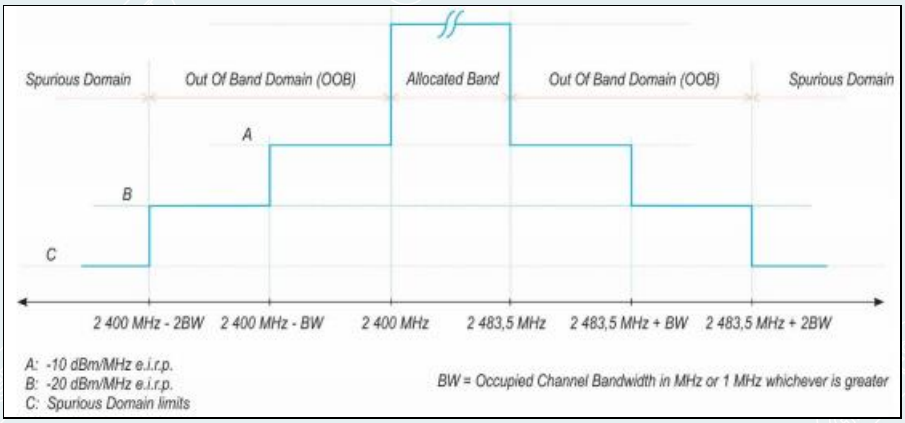
Test Method: EN300 328 V2.2.2

7.4.1 LIMIT

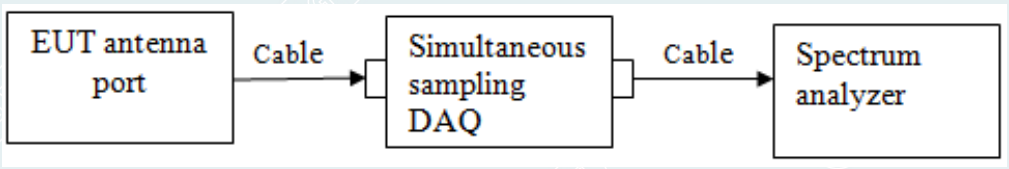
This requirement applies to all types of FHSS equipment and all types of non-FHSS equipment.

The transmitter unwanted emissions in the out-of-band domain but outside the allocated band, shall not exceed the values provided by the mask in figure 3.

The Out-of-band emissions are fulfilled by compliance with the Occupied Channel Bandwidth requirement.



7.4.2 TEST CONFIGURATION



7.4.3 TEST PROCEDURES

Test condition: Normal test conditions.

Test channel: 2405MHz,2475MHz for Zigbee

Test procedure: Test procedure is according to EN 300 328 V2.2.2

7.4.4 TEST RESULTS

Test Date (yy-mm-dd): 2021-09-21

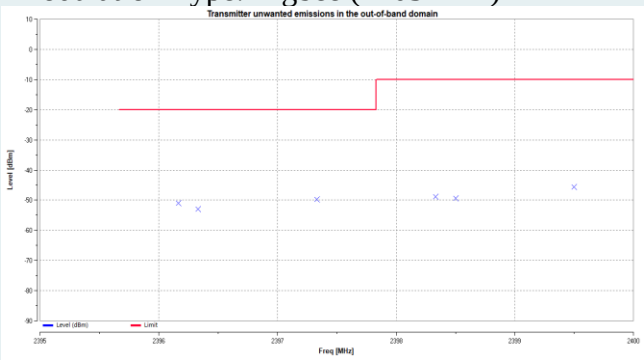
Test environment: Normal condition:

Temp: 23.4℃, Humid:49%

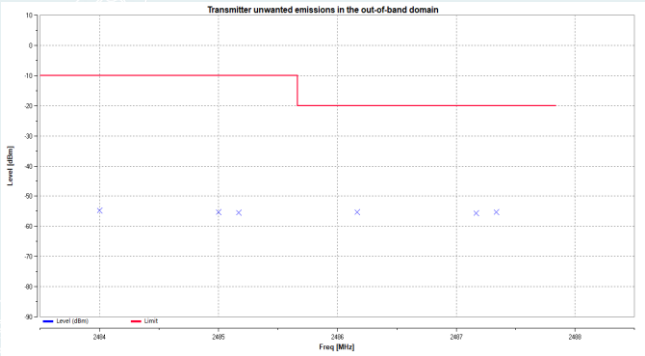
TestMode	Antenna	Channel	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
Zigbee	Ant1	2405	2396.164	-50.92	-20.00	PASS
			2396.332	-52.97	-20.00	PASS
			2397.332	-49.80	-20.00	PASS
			2398.332	-48.78	-10.00	PASS
			2398.5	-49.46	-10.00	PASS
			2399.5	-45.61	-10.00	PASS
			2484	-54.80	-10.00	PASS
			2485	-55.36	-10.00	PASS
			2485.168	-55.41	-10.00	PASS
			2486.168	-55.38	-20.00	PASS
			2487.168	-55.60	-20.00	PASS
			2487.336	-55.34	-20.00	PASS
		2475	2396.164	-56.25	-20.00	PASS
			2396.332	-55.05	-20.00	PASS
			2397.332	-56.42	-20.00	PASS
			2398.332	-55.46	-10.00	PASS
			2398.5	-54.80	-10.00	PASS
			2399.5	-55.63	-10.00	PASS
			2484	-51.92	-10.00	PASS
			2485	-52.94	-10.00	PASS
			2485.168	-53.21	-10.00	PASS
			2486.168	-52.81	-20.00	PASS
			2487.168	-54.63	-20.00	PASS
			2487.336	-53.82	-20.00	PASS

7.4.5 TEST SCREENSHOTS

Modulation Type: Zigbee (2405MHz)

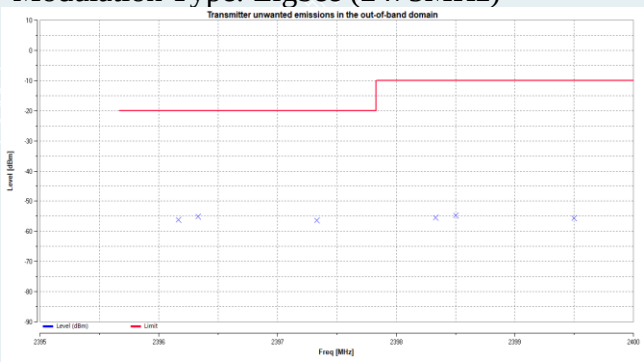


Left side of working frequency band

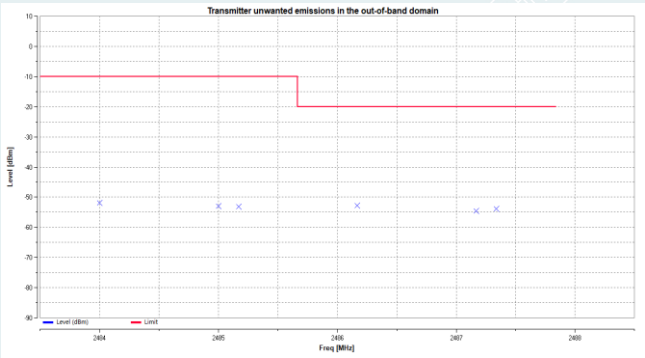


Right side of working frequency band

Modulation Type: Zigbee (2475MHz)



Left side of working frequency band



Right side of working frequency band

7.5 TRANSMITTER UNWANTED EMISSIONS IN THE SPURIOUS DOMAIN

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

7.5.1 LIMIT

This requirement applies to all types of non-FHSS equipment.

The transmitter unwanted emissions in the spurious domain shall not exceed the values given in table 2. In case of equipment with antenna connectors, these limits apply to emissions at the antenna port (conducted). For emissions radiated by the cabinet or emissions radiated by integral antenna equipment (without antenna connectors), these limits are e.r.p. for emissions up to 1 GHz and as e.i.r.p. for emissions above 1 GHz.

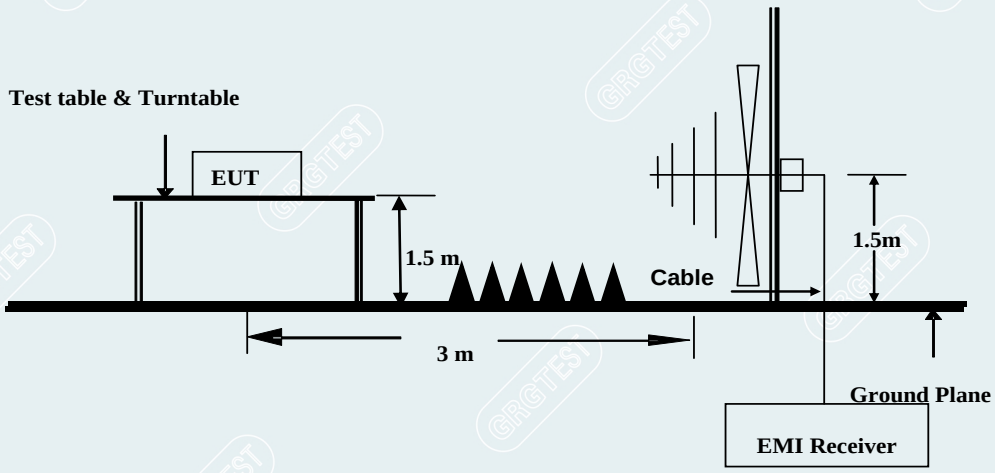
Note: This test uses conducted emissions measurement and Radiated emissions measurement.

Table 2: Transmitter limits for spurious emissions

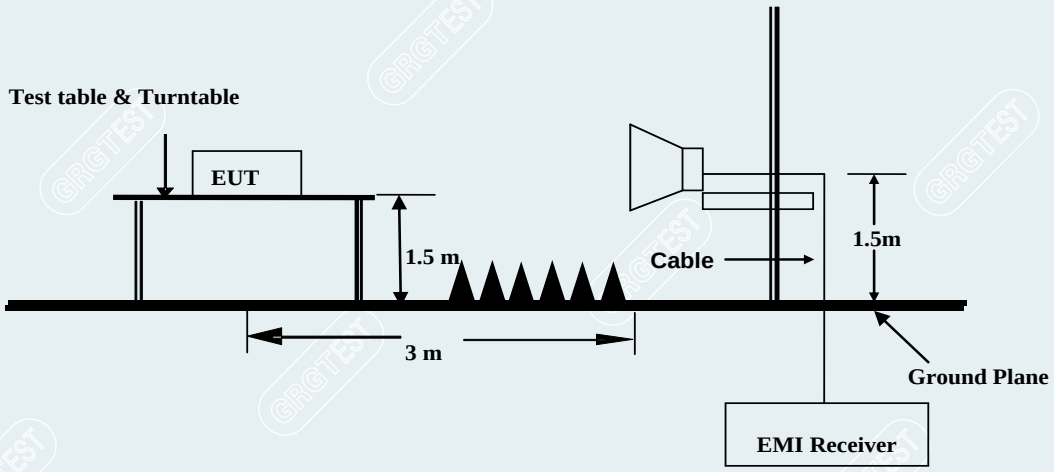
Frequency range	Maximum power	Bandwidth
30 MHz to 47 MHz	-36 dBm	100 kHz
47 MHz to 74 MHz	-54 dBm	100 kHz
74 MHz to 87,5 MHz	-36 dBm	100 kHz
87,5 MHz to 118 MHz	-54 dBm	100 kHz
118 MHz to 174 MHz	-36 dBm	100 kHz
174 MHz to 230 MHz	-54 dBm	100 kHz
230 MHz to 470 MHz	-36 dBm	100 kHz
470 MHz to 694 MHz	-54 dBm	100 kHz
694 MHz to 1 GHz	-36 dBm	100 kHz
1 GHz to 12,75 GHz	-30 dBm	1 MHz

7.5.2 TEST CONFIGURATION

(1) 30MHz~1000MHz



(2) 1000MHz~12750MHz



7.5.3 TEST PROCEDURES

Test condition:	Normal test conditions.
Test channel:	Lowest channel: (2405MHz), Highest channel: (2475MHz)
Test procedure:	Test procedure is according to Clause 5.4.9.2.1 of EN 300 328 V2.2.2
Remark:	Pre-test all data rate and channel, found that Packet type DH5 and Zigbee are the worst case, so only record the worst data.

7.5.4 DATA SAMPLE

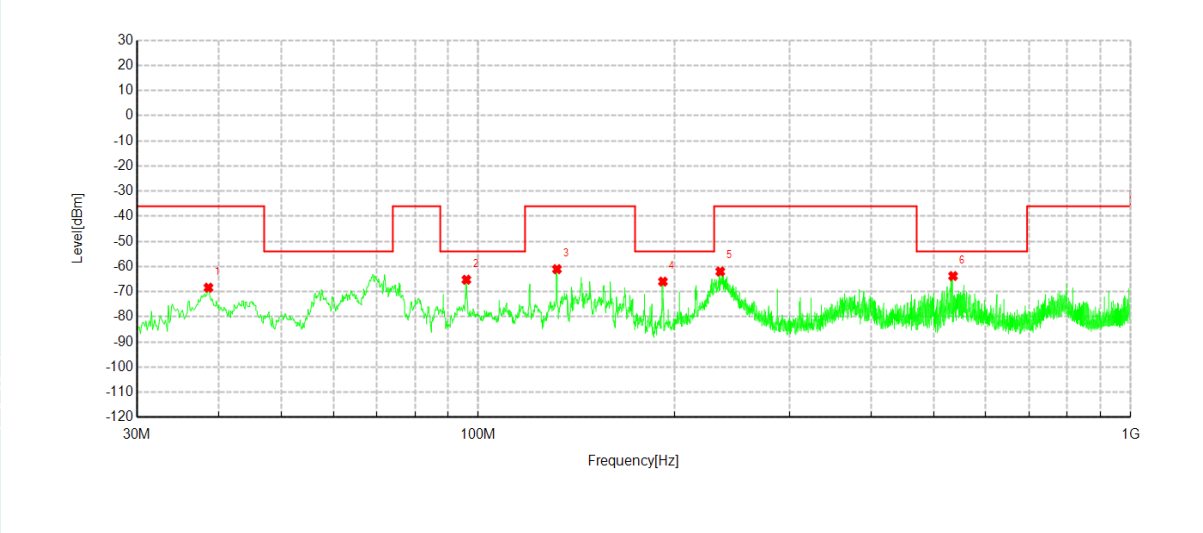
Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB/m]	Detector	Polarity
XXX	-49.71	-57.90	-30.00	27.90	-8.19	RMS	Horizontal

Frequency (MHz)	= Emission frequency in MHz
Reading (dBm)	= Uncorrected Analyzer / Receiver reading
Correct Factor (dB/m)	= Antenna factor + Cable loss – Amplifier gain
Result (dBm)	= Reading (dBm) + Corr. Factor (dB/m)
Limit (dBm)	= Limit stated in standard
Margin (dB)	= Result (dBm) – Limit(dBm)
RMS	= Root Mean Square

7.5.5 TEST RESULTS

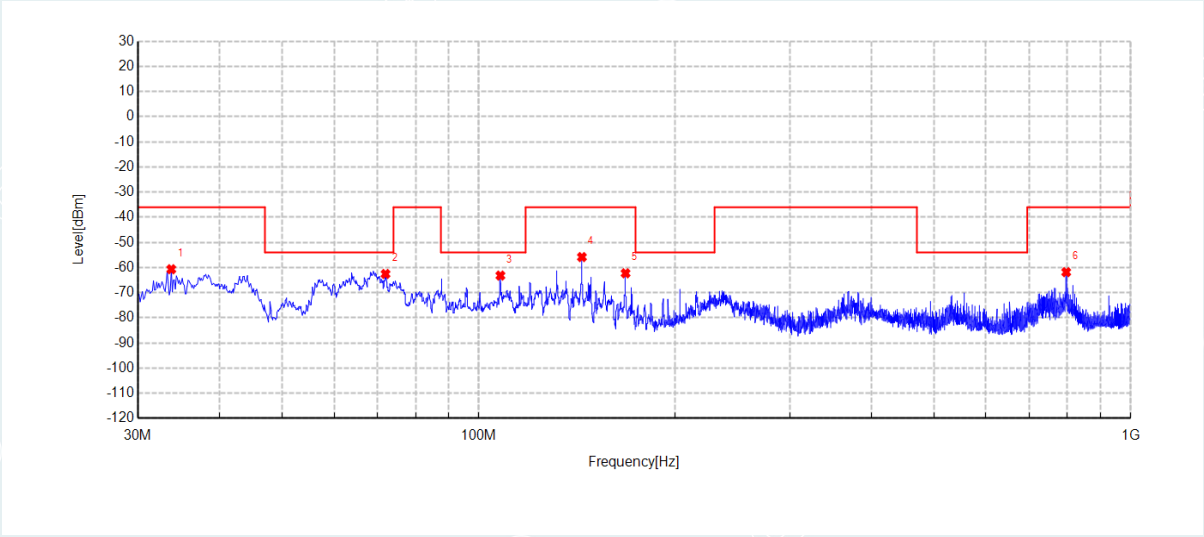
Below 1GHz

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX Zigbee_2405MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Lu Qiang



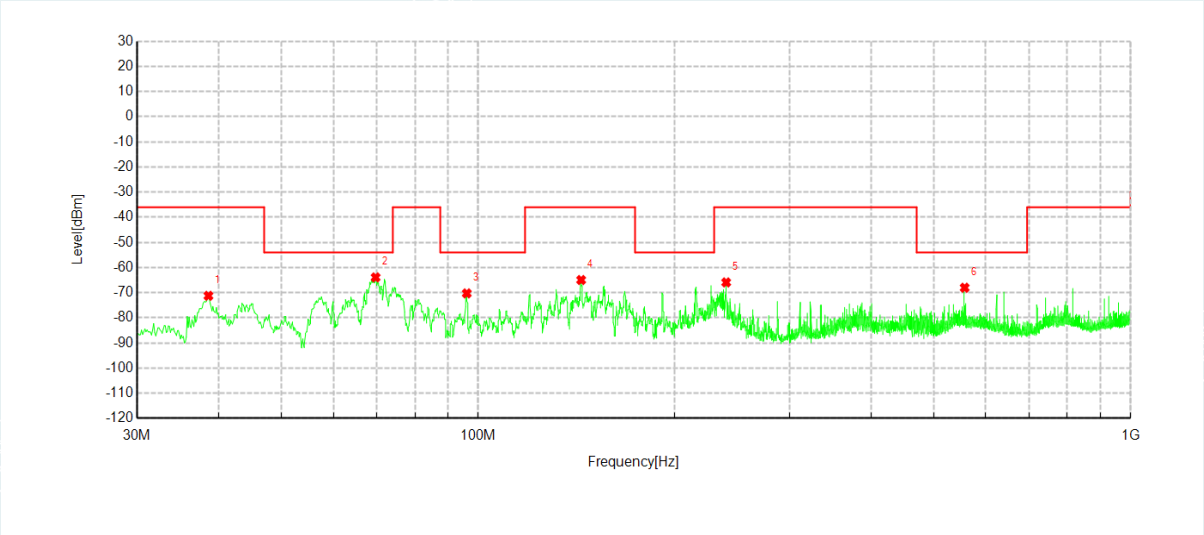
Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	38.6088	-56.41	-68.41	-36.00	32.41	-12.00	RMS	Horizontal
2	95.9600	-42.05	-65.24	-54.00	11.24	-23.19	RMS	Horizontal
3	132.0925	-34.90	-61.04	-36.00	25.04	-26.14	RMS	Horizontal
4	191.9900	-46.71	-65.99	-54.00	11.99	-19.28	RMS	Horizontal
5	235.0338	-47.95	-61.99	-36.00	25.99	-14.04	RMS	Horizontal
6	534.5213	-53.34	-63.77	-54.00	9.77	-10.43	RMS	Horizontal

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX Zigbee_2405MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Lu Qiang



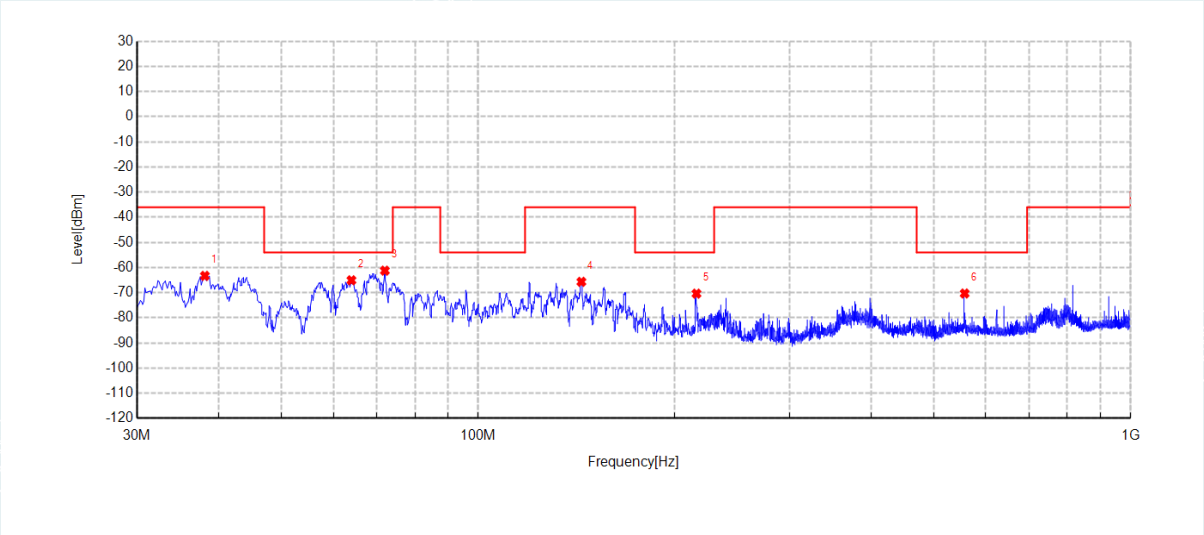
Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	33.7588	-38.10	-60.67	-36.00	24.67	-22.57	RMS	Vertical
2	71.9525	-39.70	-62.54	-54.00	8.54	-22.84	RMS	Vertical
3	107.9638	-51.04	-63.19	-54.00	9.19	-12.15	RMS	Vertical
4	143.9750	-34.80	-55.83	-36.00	19.83	-21.03	RMS	Vertical
5	167.9825	-40.42	-62.28	-36.00	26.28	-21.86	RMS	Vertical
6	796.5425	-55.27	-61.83	-36.00	25.83	-6.56	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX Zigbee_2475MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Lu Qiang



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	38.6088	-59.23	-71.23	-36.00	35.23	-12.00	RMS	Horizontal
2	69.6488	-42.76	-63.92	-54.00	9.92	-21.16	RMS	Horizontal
3	96.0813	-47.10	-70.27	-54.00	16.27	-23.17	RMS	Horizontal
4	143.8538	-39.80	-64.94	-36.00	28.94	-25.14	RMS	Horizontal
5	240.0050	-51.95	-65.91	-36.00	29.91	-13.96	RMS	Horizontal
6	556.8313	-58.30	-68.02	-54.00	14.02	-9.72	RMS	Horizontal

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX Zigbee_2475MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Lu Qiang



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	38.1238	-42.74	-63.30	-36.00	27.30	-20.56	RMS	Vertical
2	63.9500	-44.16	-65.06	-54.00	11.06	-20.90	RMS	Vertical
3	71.9525	-38.40	-61.24	-54.00	7.24	-22.84	RMS	Vertical
4	143.9750	-44.64	-65.67	-36.00	29.67	-21.03	RMS	Vertical
5	216.1188	-50.92	-70.38	-54.00	16.38	-19.46	RMS	Vertical
6	556.8313	-60.19	-70.32	-54.00	16.32	-10.13	RMS	Vertical

Above 1GHz

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX Zigbee_2405MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Chen Xiaocong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1357.0000	-50.45	-63.61	-30.00	33.61	-13.16	RMS	Horizontal
2	1598.3000	-43.85	-57.47	-30.00	27.47	-13.62	RMS	Horizontal
3	2405.3000	-32.61	-41.39	-30.00	11.39	-8.78	RMS	Horizontal
4	3712.7250	-58.81	-62.37	-30.00	32.37	-3.56	RMS	Horizontal
5	4808.6250	-61.42	-59.47	-30.00	29.47	1.95	RMS	Horizontal
6	7212.9750	-60.79	-52.13	-30.00	22.13	8.66	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1596.9000	-44.53	-57.96	-30.00	27.96	-13.43	RMS	Vertical
2	1753.0000	-46.74	-59.51	-30.00	29.51	-12.77	RMS	Vertical
3	2405.1000	-35.47	-43.91	-30.00	13.91	-8.44	RMS	Vertical
4	4810.5750	-60.43	-58.39	-30.00	28.39	2.04	RMS	Vertical
5	6000.0750	-59.04	-56.09	-30.00	26.09	2.95	RMS	Vertical
6	7216.8750	-63.67	-54.98	-30.00	24.98	8.69	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	TX Zigbee_2475MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Chen Xiaocong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1594.3000	-43.13	-56.81	-30.00	26.81	-13.68	RMS	Horizontal
2	2475.3000	-35.12	-44.16	-30.00	14.16	-9.04	RMS	Horizontal
3	3712.7250	-58.27	-61.83	-30.00	31.83	-3.56	RMS	Horizontal
4	4950.9750	-61.85	-60.04	-30.00	30.04	1.81	RMS	Horizontal
5	7426.5000	-63.20	-55.05	-30.00	25.05	8.15	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1592.6000	-44.24	-57.77	-30.00	27.77	-13.53	RMS	Vertical
2	2475.4000	-29.95	-39.07	-30.00	9.07	-9.12	RMS	Vertical
3	2788.0000	-51.13	-58.64	-30.00	28.64	-7.51	RMS	Vertical
4	4950.9750	-62.06	-60.18	-30.00	30.18	1.88	RMS	Vertical
5	6000.0750	-59.02	-56.07	-30.00	26.07	2.95	RMS	Vertical
6	7423.5750	-62.53	-54.25	-30.00	24.25	8.28	RMS	Vertical

7.6 RECEIVER SPURIOUS EMISSIONS

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

7.6.1 LIMIT

The spurious emissions of the receiver shall not exceed the values given in table 3.

In case of equipment with antenna connectors, these limits apply to emissions at the antenna port (conducted). For emissions radiated by the cabinet or for emissions radiated by integral antenna equipment (without antenna connectors), these limits are e.r.p for emissions up to 1 GHz and e.i.r.p for emissions above 1 GHz.

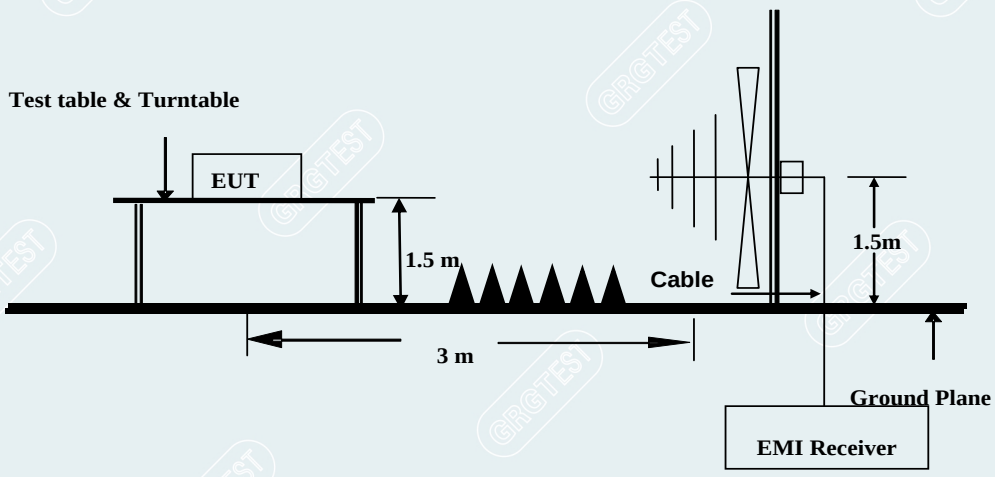
This device uses Radiated measurement.

Table 3: Spurious emission limits for receivers

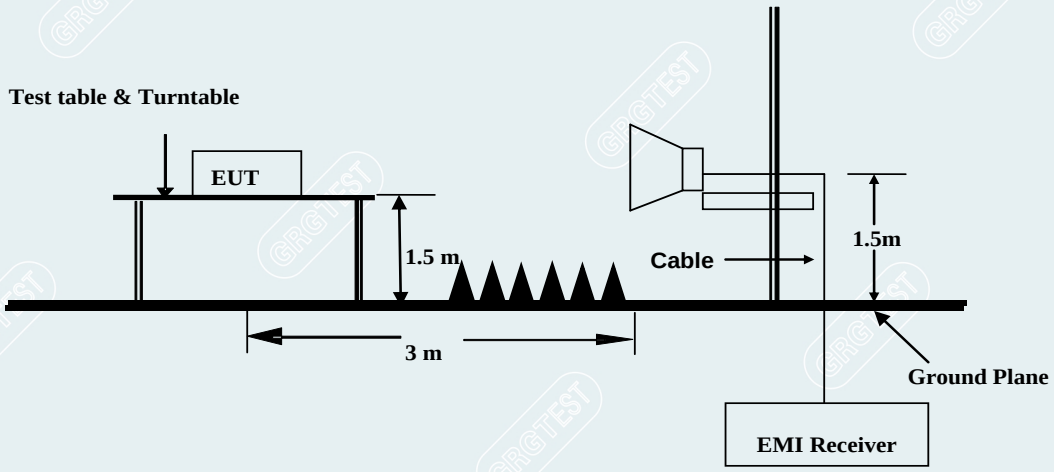
Frequency range	Maximum power	Bandwidth
30 MHz to 1 GHz	-57 dBm	100 kHz
1 GHz to 12,75 GHz	-47 dBm	1 MHz

7.6.2 TEST CONFIGURATION

(1) 30MHz-1000MHz



(2) 1000MHz-12750MHz



7.6.3 TEST PROCEDURES

Test channel: Lowest channel: (2405MHz), Highest channel: (2475MHz)

Test condition: Normal test conditions.

Test procedure: Test procedure is according to EN 300 328 V2.2.2

1. The EUT shall be performed at the receiver mode and Interface cables, loads, and devices should be connected to at least one of each type of the interface ports of the EUT and, where practical, each cable shall be terminated in a device typical for its actual use. EUT shall be placed at the 1.5m support on the turntable.
2. The test antenna at a horizontal distance of 3 m .It shall be raised and lowered from 1m to 4m until a maximum signal level is detected by the measuring receiver. Then the turntable should be rotated through 360 °in the horizontal plane, until the maximum signal level is detected by the measuring receiver. In both the vertical and the horizontal polarization. Record the reading level, antenna position, polarization and turntable position.
3. Remove the EUT and replace it with a substitution antenna.
4. Feed the substitution antenna at the EUT end with a signal generator connected to the antenna by a cable. With the antennas at both ends vertically polarized, and with the signal generator tuned to a particular test frequency, raise and lower the test antenna to obtain a maximum reading at the spectrum analyzer. Adjust the level of the signal generator output until the previously recorded maximum reading for this set of conditions is obtained. This should be done carefully repeating the adjustment of the test antenna and generator output.
5. ERP(dBm) = Pg(dBm) – cable loss (dB) + antenna gain (dBi)/ EIRP(dBm) = Pg(dBm) – cable loss (dB) + antenna gain (dBi)
   Where: Pg is the generator output power into the substitution antenna

Remark: /

7.6.4 DATA SAMPLE

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB/m]	Detector	Polarity
XXX	-58.02	-73.33	-57.00	16.33	-15.31	RMS	Horizontal

Frequency (MHz) = Emission frequency in MHz

Reading (dBm) = Uncorrected Analyzer / Receiver reading

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

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

Limit (dBm) = Limit stated in standard

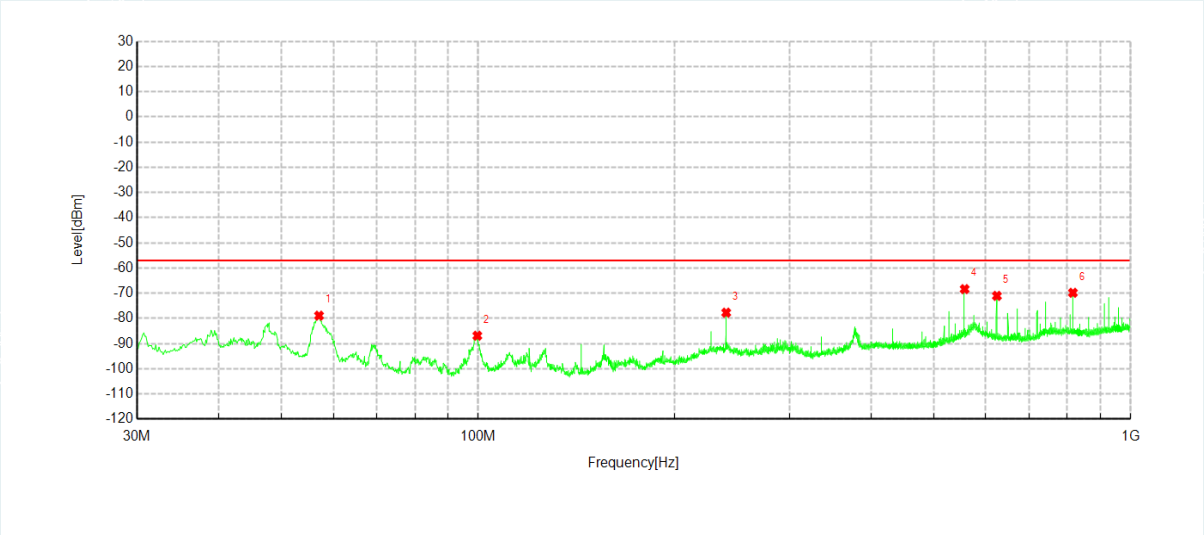
Margin (dB) = Result (dBm) – Limit(dBm)

RMS = Root Mean Square

7.6.5 TEST RESULTS

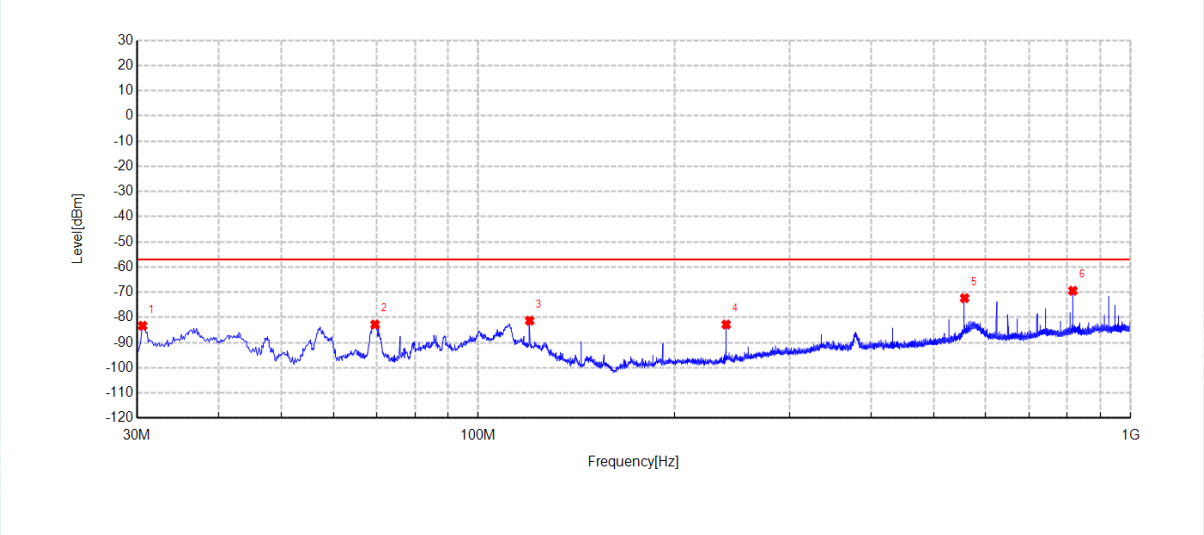
Below 1GHz

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX Zigbee_2405MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Chen Xiaocong



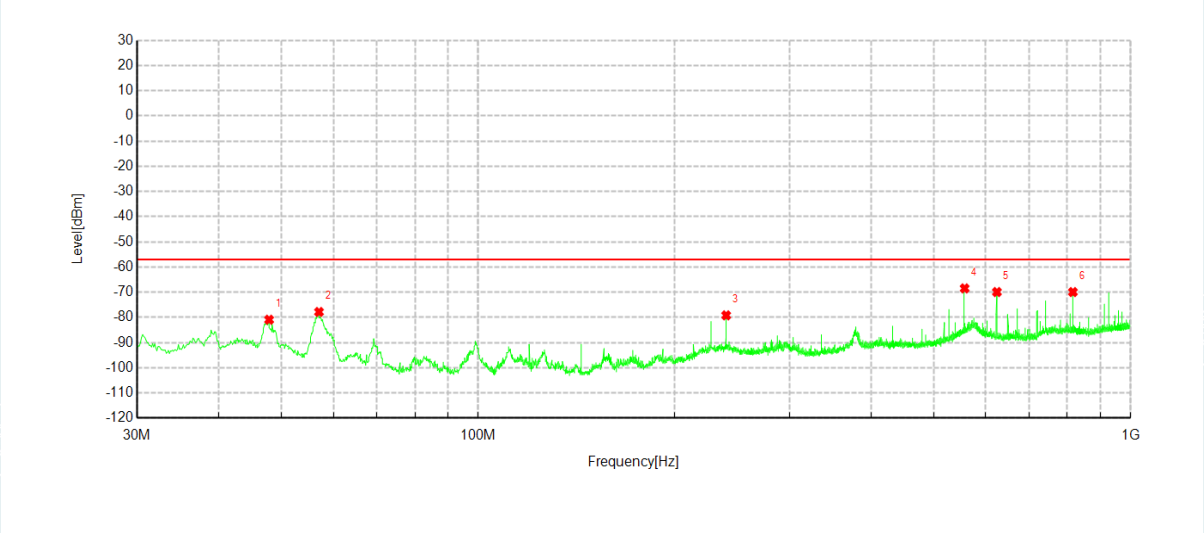
Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	57.0388	-63.57	-78.91	-57.00	21.91	-15.34	RMS	Horizontal
2	99.7188	-64.24	-86.87	-57.00	29.87	-22.63	RMS	Horizontal
3	240.0050	-63.75	-77.71	-57.00	20.71	-13.96	RMS	Horizontal
4	556.8313	-58.64	-68.36	-57.00	11.36	-9.72	RMS	Horizontal
5	624.0038	-62.31	-71.04	-57.00	14.04	-8.73	RMS	Horizontal
6	815.9425	-63.83	-69.81	-57.00	12.81	-5.98	RMS	Horizontal

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX Zigbee_2405MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Chen Xiaocong



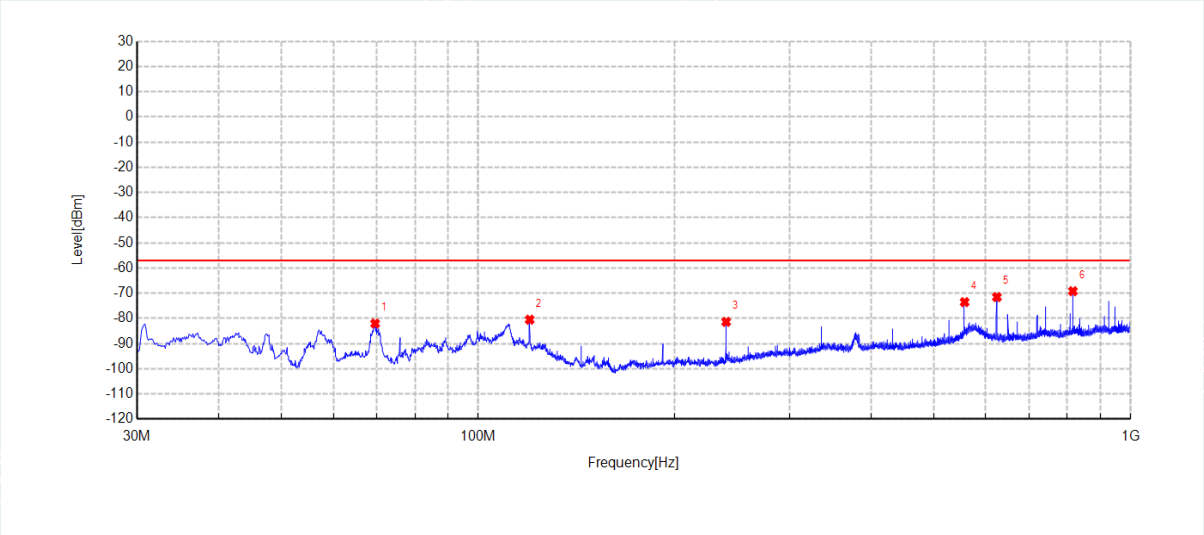
Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	30.6063	-59.28	-83.30	-57.00	26.30	-24.02	RMS	Vertical
2	69.5275	-60.41	-82.81	-57.00	25.81	-22.40	RMS	Vertical
3	119.9675	-67.82	-81.27	-57.00	24.27	-13.45	RMS	Vertical
4	240.0050	-63.34	-82.81	-57.00	25.81	-19.47	RMS	Vertical
5	556.8313	-62.22	-72.35	-57.00	15.35	-10.13	RMS	Vertical
6	815.9425	-63.21	-69.41	-57.00	12.41	-6.20	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX Zigbee_2475MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Chen Xiaocong



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	47.8238	-67.43	-80.91	-57.00	23.91	-13.48	RMS	Horizontal
2	57.0388	-62.48	-77.82	-57.00	20.82	-15.34	RMS	Horizontal
3	240.0050	-65.22	-79.18	-57.00	22.18	-13.96	RMS	Horizontal
4	556.8313	-58.75	-68.47	-57.00	11.47	-9.72	RMS	Horizontal
5	624.0038	-61.18	-69.91	-57.00	12.91	-8.73	RMS	Horizontal
6	815.9425	-63.95	-69.93	-57.00	12.93	-5.98	RMS	Horizontal

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX Zigbee_2475MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Chen Xiaocong



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	69.5275	-59.61	-82.01	-57.00	25.01	-22.40	RMS	Vertical
2	119.9675	-67.04	-80.49	-57.00	23.49	-13.45	RMS	Vertical
3	240.0050	-61.89	-81.36	-57.00	24.36	-19.47	RMS	Vertical
4	556.8313	-63.40	-73.53	-57.00	16.53	-10.13	RMS	Vertical
5	624.0038	-62.65	-71.53	-57.00	14.53	-8.88	RMS	Vertical
6	815.9425	-62.99	-69.19	-57.00	12.19	-6.20	RMS	Vertical

Above 1GHz

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX Zigbee_2405MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Chen Xiaocong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1356.7443	-49.77	-63.53	-47.00	16.53	-13.76	RMS	Horizontal
2	1600.6840	-51.38	-65.83	-47.00	18.83	-14.45	RMS	Horizontal
3	2389.8456	-49.81	-59.89	-47.00	12.89	-10.08	RMS	Horizontal
4	4812.7925	-56.40	-54.84	-47.00	7.84	1.56	RMS	Horizontal
5	6000.0600	-59.40	-57.51	-47.00	10.51	1.89	RMS	Horizontal
6	8813.1225	-69.26	-56.47	-47.00	9.47	12.79	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1594.5738	-43.04	-57.36	-47.00	10.36	-14.32	RMS	Vertical
2	2389.3756	-50.04	-59.83	-47.00	12.83	-9.79	RMS	Vertical
3	3595.9138	-59.40	-62.35	-47.00	15.35	-2.95	RMS	Vertical
4	4812.7925	-55.62	-54.02	-47.00	7.02	1.60	RMS	Vertical
5	6000.0600	-59.73	-57.45	-47.00	10.45	2.28	RMS	Vertical
6	8999.7200	-68.10	-55.23	-47.00	8.23	12.87	RMS	Vertical

Project No	E20210914342601	EUT:	Camera Hub G2H Pro
Model:	CH-C01	Sample No:	E20210914342601-0008
Mode:	RX Zigbee_2475MHz	Voltage:	AC230V/50Hz
Environment:	Temp:25.1℃; Humi:48%	Engineer:	Chen Xiaocong

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1356.7443	-51.31	-65.07	-47.00	18.07	-13.76	RMS	Horizontal
2	1597.8639	-44.01	-58.48	-47.00	11.48	-14.47	RMS	Horizontal
3	2389.8456	-49.72	-59.80	-47.00	12.80	-10.08	RMS	Horizontal
4	3698.8480	-59.13	-62.13	-47.00	15.13	-3.00	RMS	Horizontal
5	6000.0600	-58.54	-56.65	-47.00	9.65	1.89	RMS	Horizontal
6	8811.2425	-68.66	-55.82	-47.00	8.82	12.84	RMS	Horizontal

Suspected Data List								
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Factor [dB]	Detector	Polarity
1	1356.7443	-49.26	-63.89	-47.00	16.89	-14.63	RMS	Vertical
2	1596.9239	-46.05	-60.32	-47.00	13.32	-14.27	RMS	Vertical
3	2398.3059	-49.19	-59.06	-47.00	12.06	-9.87	RMS	Vertical
4	2989.1196	-53.87	-61.96	-47.00	14.96	-8.09	RMS	Vertical
5	3663.1265	-58.64	-62.31	-47.00	15.31	-3.67	RMS	Vertical
6	6000.0600	-58.12	-55.84	-47.00	8.84	2.28	RMS	Vertical

7.7 RECEIVER BLOCKING

Test Requirement: EN300 328 V2.2.2

Test Method: EN300 328 V2.2.2

7.7.1 LIMIT

For equipment that supports a PER or FER test to be performed, the minimum performance criterion shall be a PER or FER less than or equal to 10 %.
For equipment that does not support a PER or a FER test to be performed, the minimum performance criterion shall be no loss of the wireless transmission function needed for the intended use of the equipment.
The blocking levels at specified frequency offsets shall be equal to or greater than the limits defined for.

Receiver Blocking parameters for Receiver Category 1 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 4)	**Blocking Signal frequency (MHz)**	**Blocking signal power (dBm) (see note 4)**	**Type of blocking signal**
(-133dBm+10 ×$\log_{10}$(OCBW)) or -68dBm whichever is less (see note 2)	2380 2504	-34	CW
(-139dBm+10 ×$\log_{10}$(OCBW)) or -74dBm whichever is less (see note 3)	2300 2330 2360 2524 2584 2674		
NOTE 1: OCBW is in Hz. NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to P_{min} + 26 dB where P_{min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal. NOTE 3: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to P_{min} + 20 dB where P_{min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal. NOTE 4: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured positioned as recorded in clause 5.4.3.2.2.			

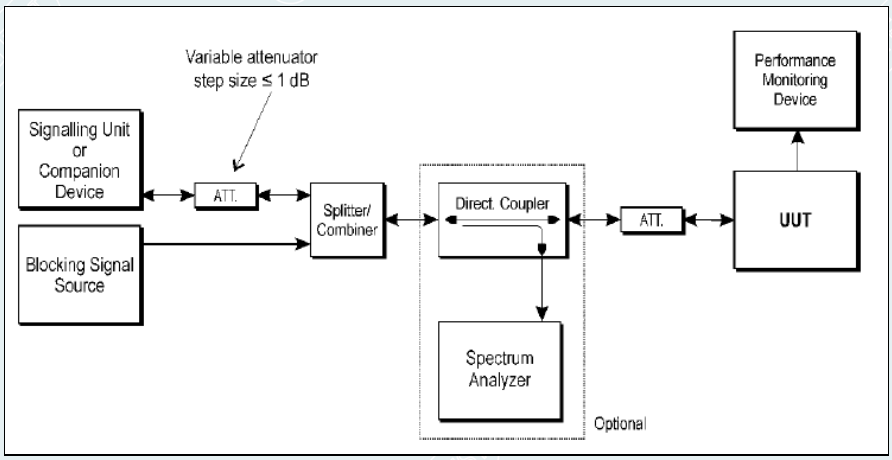
Receiver Blocking parameters for Receiver Category 2 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking Signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
(-139dBm+10 ×$\log_{10}$(OCBW)+10dBm) or (-74dBm+10dBm) whichever is less (see note 2)	2380 2504 2300 2584	-34	CW
NOTE 1: OCBW is in Hz. NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to P_{min} + 26 dB where P_{min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal. NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.			

Receiver Blocking parameters for Receiver Category 3 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking Signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
(-139dBm+10 ×$\log_{10}$(OCBW)+20dBm) or (-74dBm+20dBm) whichever is less (see note 2)	2380 2504 2300 2584	-34	CW
NOTE 1: OCBW is in Hz. NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to P_{min} + 30 dB where P_{min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal. NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.			

7.7.2 TEST CONFIGURATION



7.7.3 TEST PROCEDURES

Test condition: Keep the EUT on the lowest and Highest channel working mode.

Test procedure: Step1：

Test condition: For non-FHSS equipment, the UUT shall be set to the lowest operating channel on which the blocking test has to be performed (see clause 5.4.11.1).

Step 2:

The blocking signal generator is set to the first frequency as defined in the appropriate table corresponding to the receiver category and type of equipment.

Step 3:

With the blocking signal generator switched off, a communication link is established between the UUT and the associated companion device using the test setup shown in figure 6.

Unless the option provided in note 2 of the applicable table referred to in clause 5.4.11.2.1 is used, the level of the wanted signal shall be set to the value provided in the table corresponding to the receiver category and type of equipment. The test procedure defined in clause 5.4.2, and more in particular clause 5.4.2.2.1.2, can be used to measure the (conducted) level of the wanted signal however no correction shall be made for antenna gain of the companion device (step 6 in clause 5.4.2.2.1.2 shall be ignored). This level may be measured directly at the output of the companion device and a correction is made for the coupling loss into the UUT. The actual level for the wanted signal shall be recorded in the test report.

When the option provided in note 2 of the applicable table referred to in clause 5.4.11.2.1 is used, the attenuation of the variable attenuator shall be increased in 1 dB steps to a value at which the minimum performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3 is still met. The resulting level for the wanted signal at the input of the UUT is Pmin. This signal level (Pmin) is increased by the value provided in note 2 of the applicable table corresponding to the receiver category and type of equipment.

Step 4:

The blocking signal at the UUT is set to the level provided in the table corresponding to the receiver category and type of equipment.

If the performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3

are met then proceed to step 6.
Step 5:
If the performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3 is not met, step 3 and step 4 shall be repeated after that the frequency of the blocking signal set in step 2 has been increased with a value equal to the Occupied Channel Bandwidth except:
- For the blocking frequency 2 380 MHz, where this frequency offset shall be less than or equal to 10 MHz. If this frequency offset is more than 7 MHz, the level of the wanted signal shall be increased by 3 dB.
- For the blocking frequency 2 503,5 MHz, where this frequency offset shall be less than or equal to 10 MHz. If this frequency offset is more than 7 MHz, the level of the wanted signal shall be decreased by 3 dB.
If the performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3 is still not met, step 3 and step 4 shall be repeated after that the frequency of the blocking signal set in step 2 has been decreased with a value equal to the Occupied Channel Bandwidth except:
- For the blocking frequency 2 380 MHz, where this frequency offset shall be less than or equal to 10 MHz. If this frequency offset is more than 7 MHz, the level of the wanted signal shall be decreased by 3 dB.
- For the blocking frequency 2 503,5 MHz, where this frequency offset shall be less than or equal to 10 MHz. If this frequency offset is more than 7 MHz, the level of the wanted signal shall be increased by 3 dB.
If the performance criteria as specified in clause 4.3.1.12.3 or clause 4.3.2.11.3 is still not met, the UUT fails to comply with the Receiver Blocking requirement and step 6 and step 7 are no longer required.
It shall be recorded in the test report whether the shift of blocking frequencies as described in the present step was used.
Step 6:
Repeat step 4 and step 5 for each remaining combination of frequency and level for the blocking signal as provided in the table corresponding to the receiver category and type of equipment.
Step 7
For non-FHSS equipment, repeat step 2 to step 6 with the UUT operating at the Highest operating channel on which the blocking test has to be performed (see clause 5.4.11.1).
Step 8
It shall be assessed and recorded in the test report whether the UUT complies with the Receiver Blocking requirement.
Keep the EUT on the lowest and Highest channel working mode.

Remark:	If the equipment can be configured to operate with different Nominal Channel Bandwidths (e.g. 20 MHz and 40 MHz) and different data rates, then the combination of the smallest channel bandwidth and the lowest data rate for this channel bandwidth which still allows the equipment to operate as intended shall be used.
Test channel:	Lowest channel: (2405MHz), Highest channel: (2475MHz)

7.7.4 TEST RESULTS

Test Date (yy-mm-dd): 2021-09-26

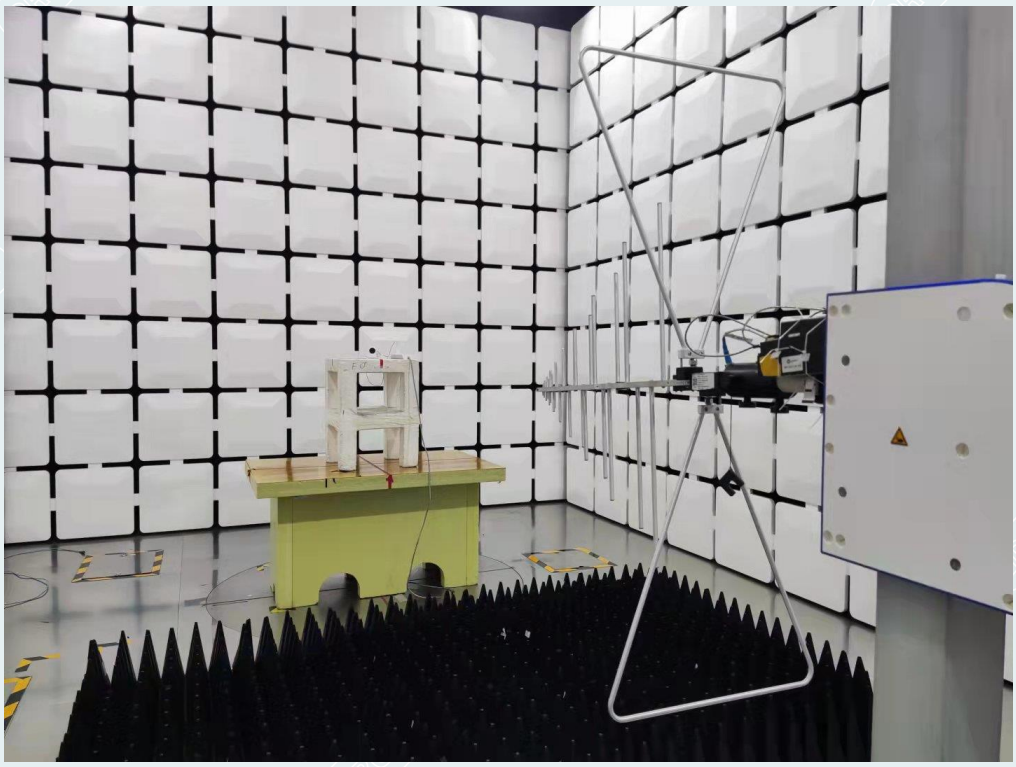
Test environment: Normal condition:

Temp: 23.4℃, Humid:49%

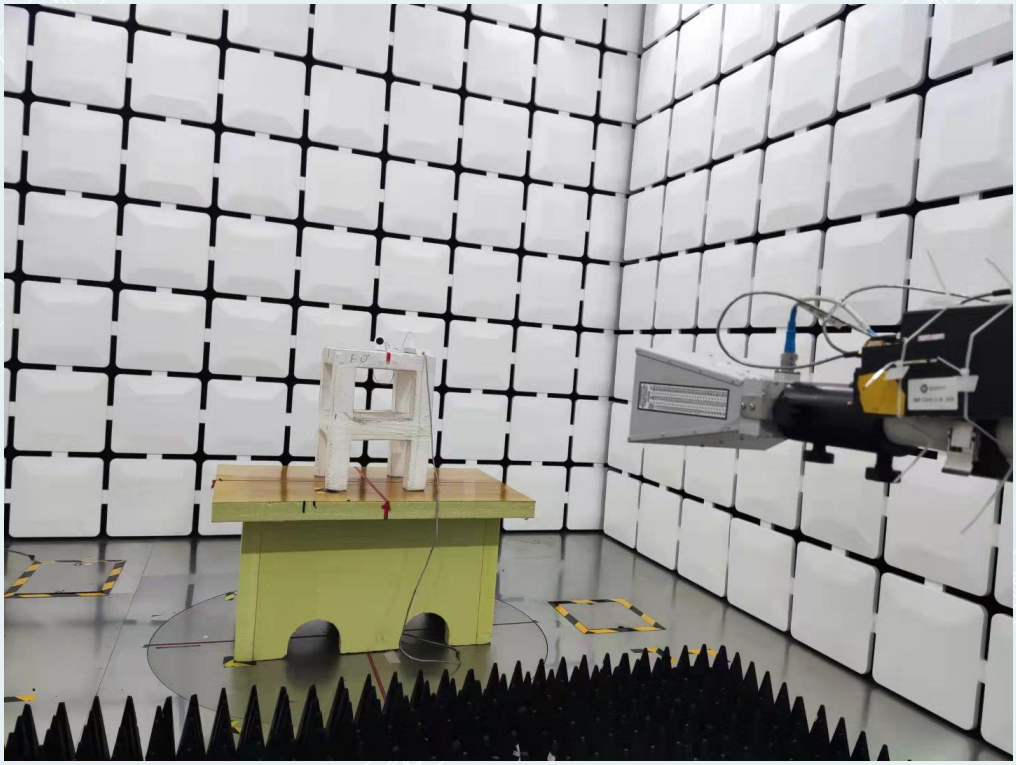
Receiver Blocking							
Receiver Category 2							
Test Mode	Frequency (MHz)	Wanted signal (dBm)	Blocking signal frequency (MHz)	Blocking signal power (dBm)	PER(%)	limit(%)	Test Result
Zigbee	2405	-64.14	2300	-32.5	0	≤10	PASS
			2380		0	≤10	PASS
	2475		2504		0	≤10	PASS
			2584		0	≤10	PASS

8 APPENDIX A. PHOTOGRAPH OF THE TEST CONNECTION DIAGRAM

Below 1GHz



Above 1GHz



9 APPENDIX B. PHOTOGRAPH OF THE EUT

Please refer to the attached document E20210914342601-1-EUT Photo.

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