

FCC Test Report

Application No.:	DNT241235R1659-4241
Applicant:	Shenzhen lanxingxin Technology Co., Ltd.
Address of Applicant:	301, No. 8, East Zone, Shengjingyuan Industrial Park, Fuqian Road, Fumin Community, Fucheng Street, Longhua District, Shenzhen
EUT Description:	Bluetooth Headset
Model No.:	H650
FCC ID:	2A9NQ-H650
Power Supply	DC 3.7V From Battery
Charging Voltage:	DC 5V
Trade Mark:	CIRCE
Standards:	47 CFR FCC Part 2, Subpart J 47 CFR Part 15, Subpart C ANSI C63.10: 2013
Date of Receipt:	2024/6/13
Date of Test:	2024/6/14 to 2024/7/10
Date of Issue:	2024/7/10
Test Result:	PASS

Prepared By: Reviewed By: Approved By:

Wayne Jon (Testing Engineer) envils (Project Engineer) (Manager)



Note: If there is any objection to the results in this report, please submit a written inquiry to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp, and is issued by the company in accordance with the requirements of the "Conditions of Issuance of Test Reports" printed in the attached page. Unless otherwise stated, the results presented in this report only apply to the samples tested this time. Partial reproduction of this report is not allowed unless approved by the company in writing.

Dongguan DN Testing Co., Ltd.



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 Report Revise Record
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Report Version	Revise Time	Issued Date	Valid Version	Notes
V2.0		July.10, 2024	Valid	Original Report



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Test Summary

Test Item	Test Requirement	Test Method	Test Result	Result
Antenna Requirement	15.203/247(b)	<u> </u>	Clause 3.1	PASS
Duty Cycle			Clause 3.2	PASS
DTS (6 dB) Bandwidth	15.247 (a)(2)	ANSI C63.10: 2013	Clause 3.3	PASS
Conducted Output Power	15.247 (b)(3)	ANSI C63.10: 2013	Clause 3.4	PASS
Power Spectral Density	15.247 (e)	ANSI C63.10: 2013	Clause 3.5	PASS
Band-edge for RF Conducted Emissions	15.247(d)	ANSI C63.10: 2013	Clause 3.6	PASS
RF Conducted Spurious Emissions	15.247(d)	ANSI C63.10: 2013	Clause 3.7	PASS
Radiated Spurious Emissions	15.247(d);15.205/15.209	ANSI C63.10: 2013	Clause 3.8	PASS
Restricted bands around fundamental frequency (Radiated Emission)	15.247(d);15.205/15.209	ANSI C63.10: 2013	Clause 3.9	PASS
AC Power Line Conducted Emission	15.207	ANSI C63.10: 2013	Clause 3.10	N/A

Note:

1. "N/A" denotes test is not applicable in this test report.



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2 General Information

2.1 Test Location

Company:	Dongguan DN Testing Co., Ltd
Address:	No. 1, West Fourth Street, South Xinfa Road, Wusha Liwu, Chang ' an Town, Dongguan City, Guangdong P.R.China
Test engineer:	Wayne Lin

2.2 General Description of EUT

Manufacturer:	Shenzhen lanxingxin Technology Co., Ltd.
Address of Manufacturer:	301, No. 8, East Zone, Shengjingyuan Industrial Park, Fuqian Road, Fumin Community, Fucheng Street, Longhua District, Shenzhen
EUT Description:	Bluetooth Headset
Test Model No.:	H650
Additional Model(s):	1
Chip Type:	AC7006F8
Serial Number	PR241235R1659
Power Supply	DC 3.7V From Battery
Trade Mark:	CIRCE
Hardware Version:	V1.0
Software Version:	V1.0
Operation Frequency:	2402 MHz to 2480 MHz
Type of Modulation:	GFSK
Sample Type:	□ Portable Device, □ Module, ⊠ Mobile Device
Antenna Type:	□ External, ⊠ Integrated
Antenna Ports	🖂 Ant 1, 🗌 Ant 2, 🗌 Ant 3
Antenna Gain*:	⊠ Provided by applicant
Antenna Gain .	2.71dBi
	Provided by applicant
RF Cable*:	0.5dB(0.6~1GHz); 0.8dB(1.4~2GHz); 1.0dB(2.1~2.7GHz); 1.5dB(3~4GHz); 1.8dB(4.4~6GHz);

Remark:

*Since the above data and/or information is provided by the applicant relevant results or conclusions of this report are only made for these data and/or information, DNT is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.



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2.3 Channel List

	Operation Frequency of each channel						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
2	2406MHz	12 📈	2426MHz	22	2446MHz	32	2466MHz
3	2408MHz	13	2428MHz	23	2448MHz	33	2468MHz
4	2410MHz	14	2430MHz	24	2450MHz	34	2470MHz
5	2412MHz	15	2432MHz	25	2452MHz	35	2472MHz
6	2414MHz	16	2434MHz	26	2454MHz	36	2474MHz
7	2416MHz	17	2436MHz	27	2456MHz	37	2476MHz
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz

2.4 Test Environment and Mode

Operating Environment:	
Temperature:	20~25.0 °C
Humidity:	45~56 % RH
Atmospheric Pressure:	101.0~101.30 KPa
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.

2.5 Power Setting of Test Software

Software Name	FCC_assist_1.0.2.2			
Frequency(MHz)	2402	2440	2480	
BLE 1M Setting	10	10	10	
BLE 2M Setting	10	10	10	

2.6 Description of Support Units

The EUT has been tested independent unit.



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2.7 Test Facility

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

Lab A:

• FCC, USA

Designation Number: CN1348

A2LA (Certificate No. 7050.01)

DONGGUAN DN TESTING CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 7050.01.

Innovation, Science and Economic Development Canada

DONGGUAN DN TESTING CO., LTD. EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

IC#: 31026.

2.8 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1 (DTS Bandwidth	±0.0196%
2	Maximum Conducted Output Power	±0.686 dB
3	Maximum Power Spectral Density Level	±0.743 dB
4	Band-edge Compliance	±1.328 dB
5	Unwanted Emissions In Non-restricted Freq Bands	9KHz-1GHz:±0.746dB 1GHz-26GHz: ±1.328dB

No.	Item	Measurement Uncertainty
1	Conduction Emission ± 3.0dB (150kHz to 30MHz)	
		± 4.8dB (Below 1GHz)
2	Radiated Emission	± 4.8dB (1GHz to 6GHz)
2	Radiated Emission	± 4.5dB (6GHz to 18GHz)
		± 5.02dB (Above 18GHz)



2.9 Equipment List

Description	Manufacturer	Model	Serial Number	Cal date	Due date
Signal Generator	Keysight	N5181A-6G	MY48180415	2023-10-25	2024-10-24
Signal Generator	Keysight	N5182B	MY57300617	2023-10-25	2024-10-24
Power supply	Keysight	E3640A	ZB2022656	2023-10-25	2024-10-24
Radio Communication Tester	R&S	CMW500	105082	2023-10-25	2024-10-24
Spectrum Analyzer	Aglient	N9010A	MY52221458	2023-10-25	2024-10-24
BT/WIFI Test Software	Tonscend	JS1120 V3.1.83	NA	NA C	NA
RF Control Unit	Tonscend	JS0806-2	22F8060581	NA	NA
Power Sensor	Anritsu	ML2495A	2129005	2023-10-25	2024-10-24
Pulse Power Sensor	Anritsu	MA2411B	1911397	2023-10-25	2024-10-24
temperature and humidity box	SCOTEK	SCD-C40-80PRO	6866682020008	2023-10-25	2024-10-24

Test Equipment for Conducted Emission							
Description Manufacturer Model Serial Number Cal Date							
Receiver	R&S	ESCI3	101152	2023-10-24	2024-10-23		
LISN	R&S	ENV216	102874	2023-10-24	2024-10-23		
ISN	R&S	ENY81-CA6	1309.8590.03	2023-10-24	2024-10-23		

Test Ed	quipment for F	Radiated Emis	sion(30MHz-	-1000MHz	<u>z)</u>
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date
Receiver	Receiver R&S		102497	2023-10-24	2024-10-23
Test Software	ETS-LINDGREN	Tile-FULL	NA	NA	NA
RF Cable	ETS-LINDGREN	RFC-NMS-100- NMS-350-IN	NA	2023-10-24	2024-10-23
Log periodic antenna	ETS-LINDGREN	VULB 9168	01475	2023-10-24	2024-10-23
Pre-amplifier	Schwarzbeck	BBV9743B	00423	2023-10-24	2024-10-23



Test E	quipment for I	Radiated Emis	ssion(Above	1000MHz)	
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date	
Frequency analyser	Keysight	N9010A	MY52221458	2023-10-24	2024-10-23	
RF Cable	ETS-LINDGREN	RFC-NMS-100- NMS-350-IN	NA	2023-10-24	2024-10-23	
Horn Antenna	ETS-LINDGREN	3117	00252567	2023-10-24	2024-10-23	
Double ridged waveguide antenna	ETS-LINDGREN	3116C	00251780	2023-10-24	2024-10-23	
Test Software	ETS-LINDGREN	TILE-FULL	NA	NA C	NA	
Pre-amplifier	ETS-LINDGREN	3117-PA	252567	2023-10-24	2024-10-23	
Pre-amplifier	ETS-LINDGREN	3116C-PA	251780	2023-10-24	2024-10-23	

2.10 Assistant equipment used for test

Code	Equipment	Manufacturer	Model No.	Equipment No.	
	Adapter	GaoFanDe	GFDQ3- 0502000U	NA	
2	Computer	acer	N22C8	EMC notebook01	



3 Test results and Measurement Data

3.1 Antenna Requirement

Standard requirement: 47 CFR Part 15C Section 15.203 /247(c)

15.203 requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 2.71dBi.



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3.2 Duty Cycle

Refer to section : Appendix A

Note:

- 1.If duty cycle <98 %, the conducted average output power and average power spectral density should be add duty factor.
- 2.If duty cycle ≥98 %,the EUT is consider to be transmitting continuously,the conducted average output power
 - and average power spectral density no need to add duty factor(consider to be zero).
- 3. The conducted peak output power and peak power spectral density no need to consider duty factor.
- 4. The on-time time is transmission duration(T).



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3.3 DTS (6 dB) Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.247 (a)(2)	
Test Method:	ANSI C63.10: 2013 Section 11.8.1 Option 1	*
Test Setup:	Spectrum Analyzer E.U.T	on on
	Non-Conducted Table	J'
	Ground Reference Plane	5
Instruments Used:	Refer to section 2.9 for details	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK	5
Limit:	≥ 500 kHz	
Test Results:	Pass	

The detailed test data see: Appendix B



3.4 Conducted Output Power

Test Requirement:	47 CFR Part 15C Section 15.247 (b)(3)				
Test Method:	ANSI C63.10: 2013 Section 11.9.1.3				
Test Setup:	POWER METER E.U.T Non-Conducted Table				
	Ground Reference Plane				
Test Instruments:	Refer to section 2.9 for details				
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates				
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK				
Limit:	30dBm				
Test Results:	Pass				

The detailed test data see: Appendix C



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3.5 Power Spectral Density

Test Requirement:	47 CFR Part 15C Section 15.247 (e)	
Test Method:	ANSI C63.10: 2013 Section 11.10.2	\sim
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table	2 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	Ground Reference Plane	
Test Instruments:	Refer to section 2.9 for details	7
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK	X
Limit:	≤8.00dBm/3kHz	~
Test Results:	Pass	

The detailed test data see: Appendix D



3.6 Band-edge for RF Conducted Emissions

Bana bage for fa	
Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.13
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table
	Ground Reference Plane
Instruments Used:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the the worst case of GFSK
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

The detailed test data see: Appendix E



3.7 RF Conducted Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.247 (d)
Test Method:	ANSI C63.10: 2013 Section 11.11
Test Setup:	Spectrum Analyzer E.U.T Non-Conducted Table
	Ground Reference Plane
Instruments Used:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the worst case of GFSK;
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.
Test Results:	Pass

The detailed test data see: Appendix F

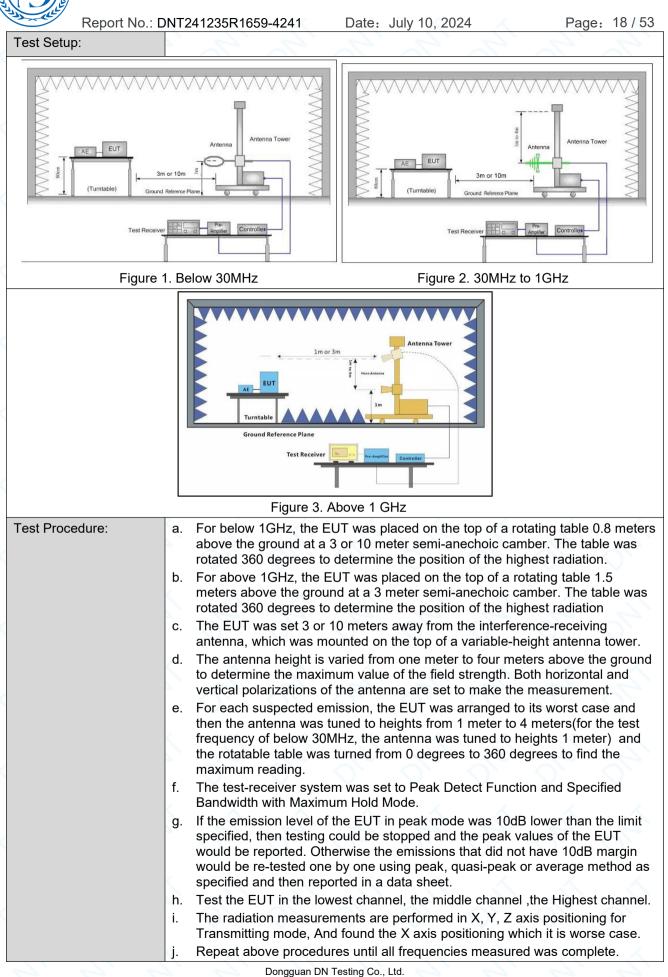


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3.8 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Sectio	n 15.209 and 15.20)5		
Test Method:	ANSI C63.10: 2013 Sect	tion 11.12			\land
Test Site:	Measurement Distance:	3m or 10m (Semi-A	Anechoic Ch	amber)	
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
		Peak	1MHz	3MHz	Peak
	Above 1GHz	Peak	1MHz	10Hz (DC≥0.98) ≥1/T (DC<0.98)	Average
Limit:	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measuremer distance (m
	0.009MHz-0.490MHz	2400/F(kHz)	<u> </u>	<u> </u>	300
	0.490MHz-1.705MHz	24000/F(kHz)	<u></u>	2 - 2	30
	1.705MHz-30MHz	30	-		30
	30MHz-88MHz	100	40.0	Quasi-peak	3
	88MHz-216MHz	150	43.5	Quasi-peak	3
	216MHz-960MHz	200	46.0	Quasi-peak	3
	960MHz-1GHz	500	54.0	Quasi-peak	3
	Above 1GHz	500	54.0	Average	3

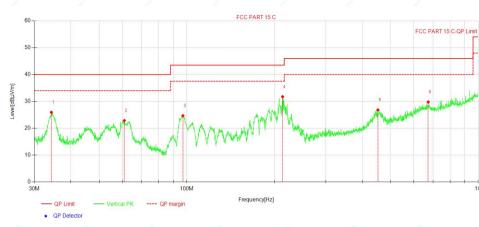




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Test Configuration:	Measurements Below 1000 • RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold Peak Measurements Above • RBW = 1 MHz • VBW \ge 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above • RBW = 1 MHz • VBW = 10 Hz, when duty cy transmission duration over w	0MHz 1000 MHz	is the minimum
Exploratory Test Mode:	Transmitting with all kind of Charge + Transmitting mode		
Final Test Mode:	Pretest the EUT at Charging Through Pre-scan, find the the report.	g+Transmitting mode. worst case of GFSK,Only the worst	case is recorded in
Instruments Used:	Refer to section 2.9 for deta	ils 🖌 🖌	<u> </u>
Test Results:	Pass	<u>2 2 2</u>	6 6

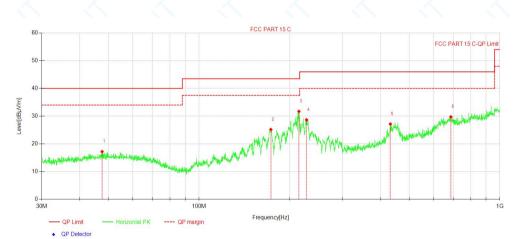


Test data For 30-1000MHz Vertical :



<	NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
	1	34.31	35.31	-9.38	25.93	40.00	14.07	100	27	QP
	2	61.06	31.74	-8.88	22.86	40.00	17.14	100	113	QP
	3	97.00	37.69	-13.05	24.64	43.50	18.86	100	343	QP
	4	213.26	42.74	-11.00	31.74	43.50	11.76	100	182	QP
	5	452.71	29.60	-2.78	26.82	46.00	19.18	100	5	QP
	6	673.63	27.98	1.79	29.77	46.00	16.23	100	10	QP

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	47.60	25.28	-8.08	17.20	40.00	22.80	200	57	QP
2	173.20	33.76	-8.58	25.18	43.50	18.32	200	233	QP
3	214.76	42.74	-11.03	31.71	43.50	11.79	100	349	QP
4	227.69	39.35	-10.69	28.66	46.00	17.34	100	332	QP
5	432.54	30.41	-3.27	27.14	46.00	18.86	200	123	QP
6	687.15	27.59	2.16	29.75	46.00	16.25	100	262	QP

Dongguan DN Testing Co., Ltd.

Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang 'an Town, Dongguan City, Guangdong P.R.China

Web: www.dn-testing.com

Tel:+86-769-88087383

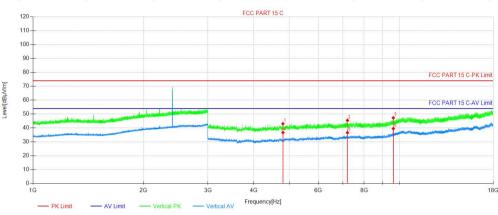
E-mail: service@dn-testing.com



For above 1GHz

BLE 1M 2402MHz

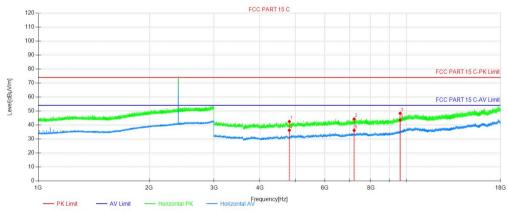
Vertical:



AV Detector

NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4803.84	47.60	-4.61	42.99	74.00	31.01	150	56	Peak
2	7206.21	47.20	-1.76	45.44	74.00	28.56	150	277	Peak
3	9608.58	46.41	0.88	47.29	74.00	26.71	150	277	Peak
4	4804.59	41.31	-4.61	36.70	54.00	17.30	150	42	AV
5	7206.21	38.36	-1.76	36.60	54.00	17.40	150	206	AV
6	9608.58	38.65	0.88	39.53	54.00	14.47	150	193	AV

Horizontal:



IC L		
٩V	Detector	

NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	AV Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4803.84	47.05	-4.61	42.44	74.00	31.56	150	83	Peak
2	7206.21	45.99	-1.76	44.23	74.00	29.77	150	195	Peak
3	9607.83	47.45	0.87	48.32	74.00	25.68	150	138	Peak
4	4804.59	40.81	-4.61	36.20	54.00	17.80	150	83	AV
5	7206.21	37.90	-1.76	36.14	54.00	17.86	150	195	AV
6	9608.58	42.64	0.88	43.52	54.00	10.48	150	138	AV

Dongguan DN Testing Co., Ltd.

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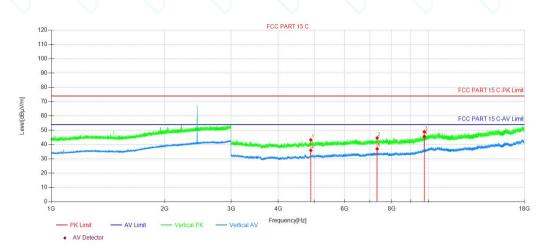
Tel:+86-769-88087383

E-mail: service@dn-testing.com



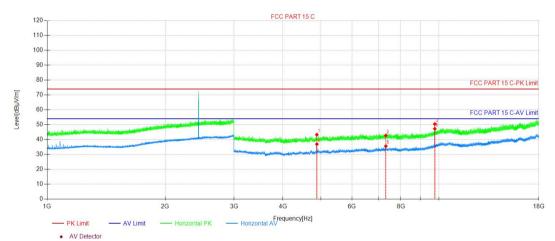
BLE 1M 2440MHz





NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	AV Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4880.34	47.96	-4.71	43.25	74.00	30.75	150	42	Peak
2	7320.96	46.11	-1.49	44.62	74.00	29.38	150	360	Peak
3	9760.08	47.29	1.62	48.91	74.00	25.09	150	136	Peak
4	4881.09	40.67	-4.71	35.96	54.00	18.04	150	42	AV
5	7320.21	38.49	-1.49	37.00	54.00	17.00	150	3	AV
6	9760.83	44.12	1.63	45.75	54.00	8.25	150	194	AV

Horizontal:



			A Delector							
٢	١0.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	AV Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
	1	4880.34	47.98	-4.71	43.27	74.00	30.73	150	110	Peak
	2	7320.21	44.22	-1.49	42.73	74.00	31.27	150	97	Peak
	3	9760.08	48.79	1.62	50.41	74.00	23.59	150	136	Peak
	4	4881.09	41.62	-4.71	36.91	54.00	17.09	150	83	AV
	5	7320.21	37.04	-1.49	35.55	54.00	18.45	150	235	AV
	6	9760.83	45.63	1.63	47.26	54.00	6.74	150	136	AV
_	3 4 5	9760.08 4881.09 7320.21	48.79 41.62 37.04	1.62 -4.71 -1.49	50.41 36.91 35.55	74.00 54.00 54.00	23.59 17.09 18.45	150 150 150	_	136 83 235

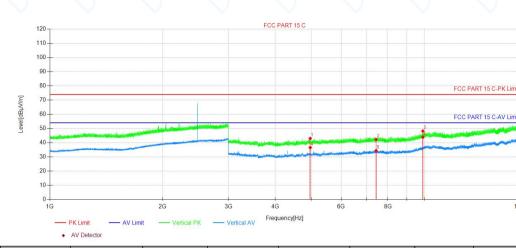
Dongguan DN Testing Co., Ltd.



180

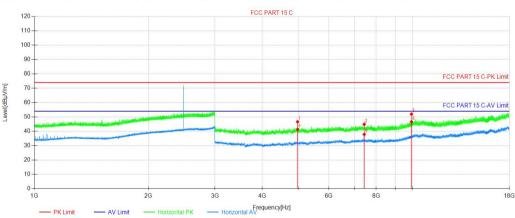
BLE 1M 2480MHz

Vertical:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	AV Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	4959.84	47.87	-4.86	43.01	74.00	30.99	150	30	Peak
2	7440.22	43.58	-1.34	42.24	74.00	31.76	150	359	Peak
3	9919.84	45.93	2.26	48.19	74.00	25.81	150	101	Peak
4	4960.59	41.44	-4.86	36.58	54.00	17.42	150	30	AV
5	7440.22	35.71	-1.34	34.37	54.00	19.63	150	360	AV
6	9920.59	41.59	2.27	43.86	54.00	10.14	150	101	AV

Horizontal:



AV Detector

2 7439.47 46.26 -1.34 44.92 74.00 29.08 150 195 3 9919.84 49.72 2.26 51.98 74.00 22.02 150 150	
3 9919.84 49.72 2.26 51.98 74.00 22.02 150 150	Peak
	Peak
	Peak
4 4960.59 46.28 -4.86 41.42 54.00 12.58 150 322	AV
5 7440.22 39.20 -1.34 37.86 54.00 16.14 150 195	AV
6 9920.59 44.31 2.27 46.58 54.00 7.42 150 150	AV

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Note:

1. The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including Ant.Factor and the Cable Factor etc.), The basic equation is as follows:

Result Level= Reading Level + Correct Factor(including Ant.Factor, Cable Factor etc.)

2. The amplitude of 9KHz to 30MHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

3. The amplitude of 18GHz to 25GHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be report.

4. All channels had been pre-test, the BLE 1M is the worse case. Only the worst case was reported.

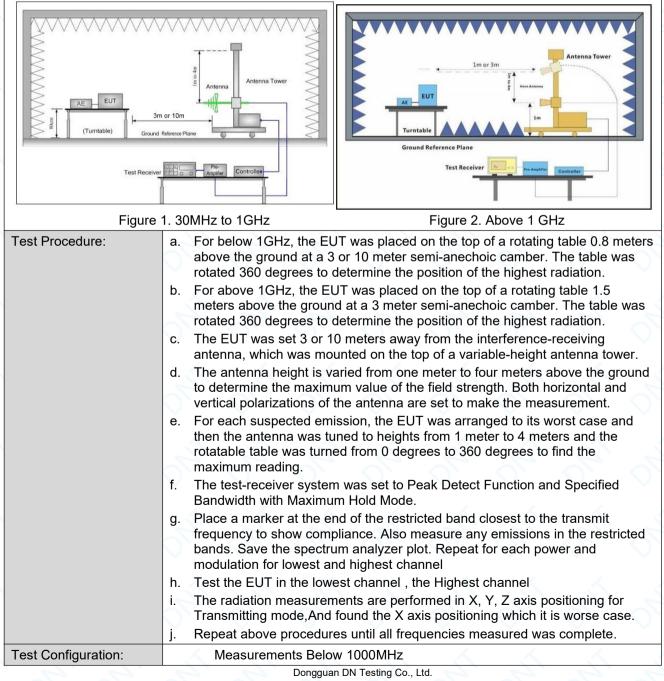


Report No.: DNT241235R1659-4241 Page: 25/53 Date: July 10, 2024 3.9 Restricted bands around fundamental frequency 47 CFR Part 15C Section 15.209 and 15.205 Test Requirement: Test Method: ANSI C63.10: 2013 Section 11.12 Test Site:

:	Measurement Distance: 3m	or 10m (Semi-Anechoic	chamber)
	Frequency	Limit (dBuV/m)	Remark
	30MHz-88MHz	40.0	Quasi-peak
	88MHz-216MHz	43.5	Quasi-peak
	216MHz-960MHz	46.0	Quasi-peak
	960MHz-1GHz	54.0	Quasi-peak
	Above 1GHz	54.0	Average Value
	Above IGHZ	74.0	Peak Value

Test Setup:

Limit:



Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang 'an Town, Dongguan City, Guangdong P.R.China E-mail: service@dn-testing.com



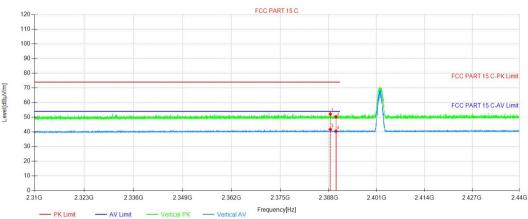
Report N	lo.: DNT241235R1659-4241	Date: July 10, 2024	Page: 26 / 53
	 VBW ≥ 1/T, when dut minimum 	ove 1000 MHz d Above 1000MHz uty cycle is no less than 98 percent. y cycle is less than 98 percent wher h the transmitter is on and is transm	re T is the
Exploratory Test Mode:	Transmitting with all kind of moo Transmitting mode.	dulations, data rates.	
Final Test Mode:	Pretest the EUT at Charge + Tr Through Pre-scan, find the wors Only the worst case is recorded	st case of GFSK	
Instruments Used:	Refer to section 2.9 for details		4
Test Results:	Pass	2 2 2	6 6



Date: July 10, 2024

Test Date BLE 1M 2402MHz

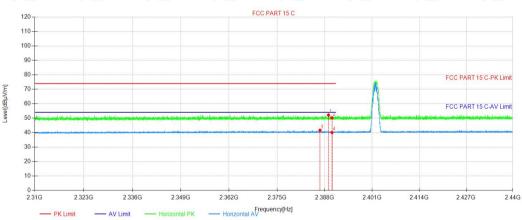
Vertical:



AV Detector

NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	AV Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2388.50	52.97	-0.80	52.17	74.00	21.83	150	315	Peak
2	2390.01	51.10	-0.80	50.30	74.00	23.70	150	222	Peak
3	2388.48	42.58	-0.80	41.78	54.00	12.22	150	210	AV
4	2390.01	41.20	-0.80	40.40	54.00	13.60	150	295	AV

Horizontal:



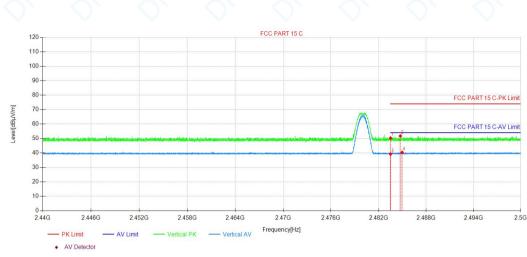
AV Detector

NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	AV Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2389.03	52.97	-0.80	52.17	74.00	21.83	150	218	Peak
2	2390.01	51.03	-0.80	50.23	74.00	23.77	150	286	Peak
3	2386.72	42.41	-0.81	41.60	54.00	12.40	150	319	AV
4	2390.01	40.88	-0.80	40.08	54.00	13.92	150	2	AV



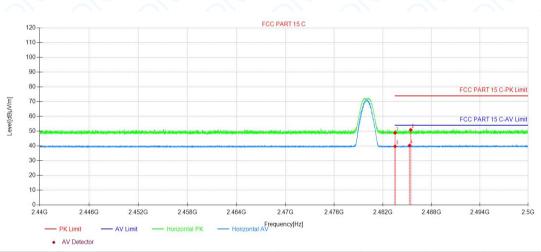
BLE1M 2480MHz

Vertical:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	AV Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2483.51	50.58	-0.29	50.29	74.00	23.71	150	248	Peak
2	2484.75	52.02	-0.27	51.75	74.00	22.25	150	282	Peak
3	2483.51	39.54	-0.29	39.25	54.00	14.75	150	237	AV
4	2484.97	40.65	-0.27	40.38	54.00	13.62	150	226	AV

Horizontal:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	AV Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Detector
1	2483.50	49.12	-0.29	48.83	74.00	25.17	150	114	Peak
2	2485.44	51.16	-0.27	50.89	74.00	23.11	150	81	Peak
3	2483.50	39.98	-0.29	39.69	54.00	14.31	150	4	AV
4	2485.29	40.52	-0.27	40.25	54.00	13.75	150	35	AV



Note:

- 1. The BLE 1M is the worse case.
- 2. The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe
- including Ant.Factor and the Cable Factor etc.), The basic equation is as follows:
- Result Level= Reading Level + Correct Factor(including Ant.Factor ,Cable Factor etc.)



3.10AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15	5.207	
Test Method:	ANSI C63.10: 2013		
Test Frequency Range:	150kHz to 30MHz		0 0 V
Limit:		Limit (o	dBuV)
	Frequency range (MHz)	Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
	* Decreases with the logarith	nm of the frequency.	22
Test Procedure:	 The mains terminal disturoom. The EUT was connected Impedance Stabilization Net impedance. The power cable a second LISN 2, which was plane in the same way as the multiple socket outlet strip was single LISN provided the ratt 3) The tabletop EUT was placed on the horizontal ground reference plane. And placed on the horizontal groud of the EUT shall be 0.4 m from vertical ground reference plane. The LISN 1 unit under test and bonded to mounted on top of the grourd between the closest points of the EUT and associated equipment and all of the interval. 	to AC power source thro work) which provides a 5 es of all other units of the bonded to the ground re- e LISN 1 for the unit bein ras used to connect multi- ing of the LISN was not e aced upon a non-metallic d for floor-standing arrang- und reference plane, with a vertical ground refe- on the vertical ground refe- ane was bonded to the ho- was placed 0.8 m from the o a ground reference plane. This co- of the LISN 1 and the EU- tipment was at least 0.8 m	bugh a LISN 1 (Line $60\Omega/50\mu$ H + 5Ω linear e EUT were connected to deference ag measured. A ple power cables to a exceeded. c table 0.8m above the gement, the EUT was erence plane. The rear ference plane. The rear ference plane. The orizontal ground the boundary of the ne for LISNs distance was T. All other units of m from the LISN 2. ositions of
Test Setup:	ANSI C63.10 2013 on condu	ucted measurement.	
. sor oorap.	Shielding Room		
	AC Mains		Test Receiver
		Ground Reference Plane	

Exploratory Test Mode:

Transmitting with all kind of modulations, data rates at lowest, middle and highest channel. Dongguan DN Testing Co., Ltd.

Add: No. 1, West Fourth Street, Xingfa South Road, Wusha Community, Chang 'an Town, Dongguan City, Guangdong P.R.China Web: www.dn-testing.com E-mail: service@dn-testing.com

Tel:+86-769-88087383



Report No.: DNT2	41235R1659-4241	Date: July 10, 2024	Page: 31 / 53
	Charge + Transmitting	mode.	$\langle - \rangle$
Final Test Mode:	Through Pre-scan, find	the the worst case of GFSK	\mathcal{O}
Instruments Used:	Refer to section 2.9 for	details	
Test Results:	N/A		$\sim \sim$

Note: The prototype will automatically shut down when charging, and the wireless function will not work at this time.



Date: July 10, 2024

4 Appendix

Appendix A: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	ON Time [ms]	Period [ms]	Х	DC [%]	xFactor
\sim	\sim	2402	2.16	2.50	0.8640	86.40	0.63
BLE_1M	Ant1	2440	2.16	2.50	0.8640	86.40	0.63
$\langle \rangle$		2480	2.16	2.50	0.8640	86.40	0.63
×	×	2402	1.10	2.50	0.4400	44.00	3.57
BLE_2M	Ant1	2440	/ 1.10	2.50	0.4400	44.00	3.57
		2480	1.10	2.50	0.4400	44.00	3.57



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Test Graphs

	rum Analyzer -								
enter F			Hz PNO: Fast ↔ Gain:Low	SENSE:PU Trig Delay-2. Trig: Video #Atten: 10 dE	000 ms #Av	ALIGN OFF	TRAJ TV	M 3ul 10, 2024 CE 1 2 3 4 5 6 PE WWWWWW ET P P P P P P	Frequency
0 dB/div	Ref Offset Ref 12.3	1 dBm				L		.500 ms 0.00 dB	Auto Tun
og 2.31 7.69 7.7		4 3∆1						TRIG _VL	Center Fre 2.402000000 GH
7.7 7.7 7.7			- N						Start Fre 2.402000000 GH
7.7									Stop Fre 2.402000000 GH
enter 2 es BW	RC SCL	×		8.0 MHz	FUNCTION	Sweep 2	20.00 ms (span 0 Hz 1001 pts)	CF Ste 8.000000 MH Auto Ma
1 Ν 2 Δ1 3 Δ1 4 5 6	t t (Δ) t (Δ)	2.1	960 ms 160 ms (Δ) 500 ms (Δ)	1.65 dBm -24.04 dB 0.00 dB					Freq Offs 0 H
7									

BLE_1M_Ant1_2440

enter Fr			IO: Fast 🔸	SENSE:PUL Trig Delay-2. Trig: Video	000 ms <i>t</i>	ALIGN OFF	TYPE	1 2 3 4 5 6 WWWWWW P P P P P P	Frequency
0 dB/div	Ref Offset Ref 12.3	12.31 dB	iain:Low	#Atten: 10 dE	1	۵	Mkr3 2.5		Auto Tur
og 2.31 7.69		3∆1 2∆1						TRIG _VL	Center Fr 2.440000000 G
7.7									Start Fr 2.440000000 G
7.7									Stop Fr 2.44000000 G
es BW 8 Krimode info	SCL	×		8.0 MHz	FUNCTIO		Sp 0.00 ms (1 FUX010X	<u> </u>	CF St 8.000000 M <u>Auto</u> N
1 N 1 2 Δ1 1 3 Δ1 1 5 5 6 7 8	t t (Δ) t (Δ)	2.1	50 ms 50 ms (Δ) 00 ms (Δ)	1.50 dBm -23.90 dB 0.04 dB					Freq Offs 0
9 0 1								×	

BLE_1M_Ant1_2480

	rum Analyzer -								
Center F		0 0 DC	Z IO: Fast ↔	SENSE:PU Trig Delay-2. Trig: Video		ALIGN OFF	TRAJ TV	M Jul 10, 2024 2E 1 2 3 4 5 6 PE WWWWWWW	Frequency
10 dB/div	Ref Offset Ref 12.3	IFG 112.31 dB 11 dBm	ain:Low	#Atten: 10 dE	1		∆Mkr3 2.	500 ms 0.03 dB	Auto Tune
2.31 -7.69 -17.7		2∆1						TR03_VL	Center Freq 2.48000000 GHz
-27.7 -37.7 -47.7									Start Freq 2.48000000 GHz
-67.7 -67.7 -77.7			-						Stop Freq 2.48000000 GHz
Res BW 1		0 GHz	#VBW	8.0 MHz			20.00 ms (CF Step 8.000000 MHz Auto Man
1 Ν 2 Δ1 3 Δ1 4 5 6 7	t (Δ)	2.16	50 ms 50 ms (Δ) 10 ms (Δ)	0.82 dBm -24.13 dB 0.03 dB	FUNCTION	FUNCTION WIDTI			Freq Offset 0 Hz
8 9 10 11 <				- X		STAT	us 😋 Alian N	ow, All requir	ed

Dongguan DN Testing Co., Ltd.



Date: July 10, 2024

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en		Fre	RF 1 2.	50 4020		DC 000	P	IZ 10: Fas Sain:Lo		Trig D	/ideo	.000 ms	#Avg		ALIGN O	FF	04:3	TRA T)	VM Jul 10, 202 ICE 1 2 3 4 5 IPE WWWWWW XET P P P P P	6	Frequency
	B/di			ffset '			IFG	ain:Lu	w	PAtter	1. 10 4					Δ	Mkr		.500 m 0.00 di		Auto Tun
.og 2.31 7.69	F				+	T	1									1	Ŷ	1	3.	1	Center Fre 2.402000000 GH
17.7	F			_	-		_							_	_				20 ⁴⁰⁰		2.40200000 GP
27.7				+																	Start Fre 2.402000000 GH
47.7		innuist	•	und.	~~~~	4		n. Navelini		Mac Madeler	$\left \right $	D- United	,	skur)-)	m	4	al of the state		rygious, and	╢	2.40200000 61
67.7 67.7 77.7																					Stop Fre 2.402000000 GH
		2.40 /8 №		0000	GH	Iz		#\	/ви	/ 8.0 M	Hz			s	weep	o 20).00 I		Span 0 H (1001 pts)	CF Ste 8.000000 MH
		TRC				Х				Y		FUNC	TION	FUN	CTION WI	DTH	F	JNCT	ION VALUE		<u>uto</u> Ma
3	Ν Δ1 Δ1	1	t t (t (7) (7			1.1	96 ms 00 ms 00 ms	(Δ)	-24.	dBm 41 dE .00 dE									ľ	Freq Offs
5 6 7			+													_					
8 9 10 11			+										_			_					
(_		-		_	_	_		-			-	_	_		-	_	_	>	~	

RIE 214 Apt1 2402

BLE_2M_Ant1_2440

Center Fre	RF 50 Ω DC q 2.44000000	0 GHz PNO: Fast ↔ IEGain:Low	SENSE:PULSE Trig Delay-2.000 m Trig: Video #Atten: 10 dB	ALIGN OFF #Avg Type: RMS	04:32:22 AM Jul 10, 2024 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P P	Frequency
10 dB/div	Ref Offset 12.31 di Ref 12.31 dBm				∆Mkr3 2.500 ms 0.01 dB	Auto Tun
2.31 7.69					<u></u>	Center Fre 2.440000000 GH
27.7 37.7 47.7	in nyawa		المريقين المريقي	a yourtar 1	Laborer Longer	Start Fre 2.440000000 GH
57.7 67.7 77.7	a. bibanat.		and the second s			Stop Fre 2.440000000 GH
Res BW 8 N	SGL X			Sweep	Span 0 Hz 20.00 ms (1001 pts)	CF Ste 8.000000 MH Auto Ma
	t t (Δ) t (Δ)	16.96 ms 1.100 ms (Δ) 2.500 ms (Δ)	1.71 dBm -23.80 dB 0.01 dB			Freq Offs 0 H
4 5 6 7						

BLE_2M_Ant1_2480

				r - Swe																
Cen		req		50 Ω 8000		0 G	HZ NO: Fa:		Trig De		LSE .000 ms	#Avg		RMS	FF		44 AM Jul TRACE 1 TYPE W	2345	5 6	Frequency
10 di	B/div			set 12.		IF	Gain:Lo	a -	#Atten:	10 di	3				Δ	Mkr3	2.50 -0.0	0 m	s	Auto Tune
2.31 -7.69 -17.7																	2/	3	-	Center Freq 2.480000000 GHz
-27.7 -37.7 -47.7	hiu	4 ~1 0+		Julaati			la terrapia	_	Uniform		fretheast		and and a	ha		19.		lingués		Start Freq 2.480000000 GHz
-57.7 -67.7 -77.7		- 140	_	w1		,				-	1.1									Stop Freq 2.480000000 GHz
Res	BW	8 MH	z	100 G			#	VBW	1 8.0 MH	łz					_		Spa Is (100	01 pt		CF Step 8.000000 MHz Auto Man
1	ΝΟΡΞ Ν Δ1 Δ1	1 t 1 t			×	16 1.1	.96 ms 100 ms 500 ms	(Δ)		dBm 16 dB 11 dB	FUNC	TION	FUNC	TION WID		FU	NCTION VA	1.UE	(4) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5	Freq Offset 0 Hz
MSG														ST	ATUS	😢 Alig	n Now,	All re	qui	red

Dongguan DN Testing Co., Ltd.



Date: July 10, 2024

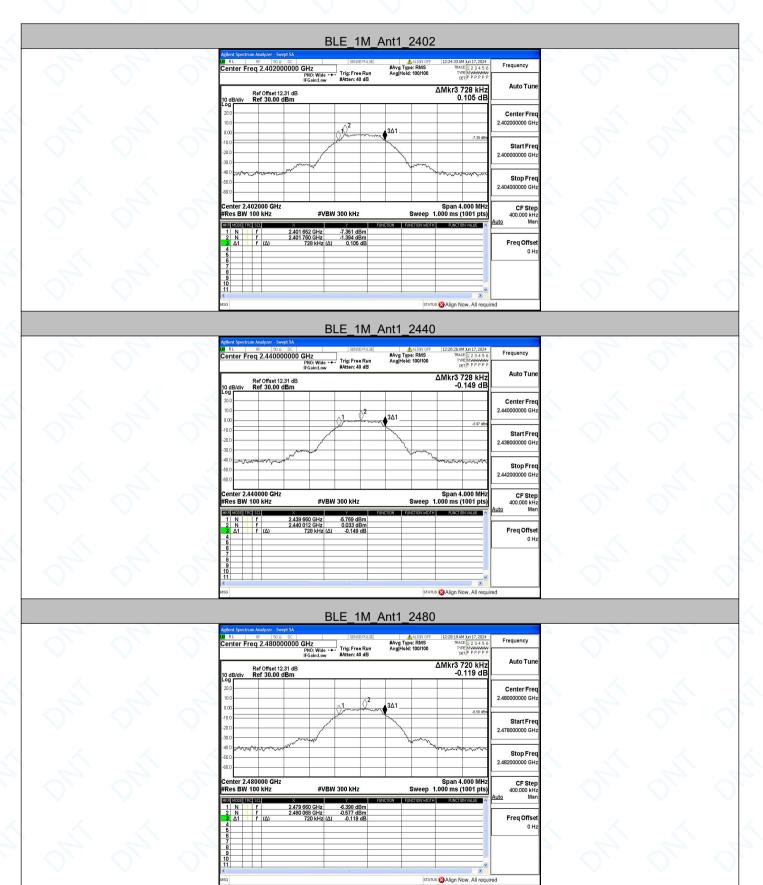
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Appendix B: DTS Bandwidth

lest Result							
Test Mode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
	\sim	2402	0.728	2401.652	2402.380	0.5	PASS
BLE_1M	Ant1	2440	0.728	2439.660	2440.388	0.5	PASS
		2480	0.720	2479.660	2480.380	0.5	PASS
		2402	1.212	2401.372	2402.584	0.5	PASS
BLE_2M	Ant1	2440	1.188	2439.404	2440.592	0.5	PASS
		2480	1.220	2479.388	2480.608	0.5	PASS



Test Graphs

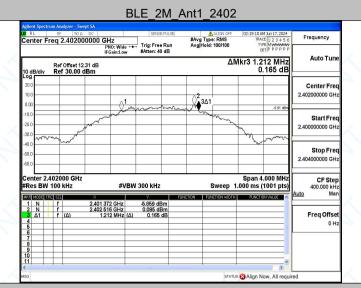


Dongguan DN Testing Co., Ltd.



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BLE_2M_Ant1_2440

RL	RF	50 Q DC		SEN	E:PULSE		ALIGN OFF		AM Jun 17, 2024	Francisco
enter F	req 2.4	40000000	GHz PNO: Wide	Trig: Fre	e Run	#Avg Typ Avg Hold:	e: RMS 100/100	T	VCE 1 2 3 4 5 6	Frequency
			IFGain:Low	#Atten:				î	DETPPPPP	
0 dB/div		set 12.31 dB).00 dBm					Δ		188 MHz).979 dB	Auto Tun
.og 20.0										Center Fre
10.0										2.440000000 GH
			1	Of		▲3∆1				2.44000000 3F
0.00			- Vi	Manna	- Journal -	mm			-6.05 dBm	
10.0			man nor vie			- w	min			Start Fre
20.0		- Mar			-	-	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	5		2.438000000 GH
30.0	m.	An		-	-			100		
40.0	mu	1		_				5	mm	
50.0										Stop Fre
60.0										2.442000000 GH
30.0										
enter 2.									4.000 MHz	CF Ste
Res BW	100 kH	z	#VE	SW 300 kH	z		Sweep 1	.000 ms	(1001 pts)	400.000 kH
KR MODE T		×		Y		NCTION FUR	ICTION WIDTH	FUNCT	ION VALUE	<u>Auto</u> Ma
1 N 2 N	f		9 404 GHz 9 548 GHz	-5.961 c					i	
2 N 3 Δ1	f (Δ)	2.43	1.188 MHz (4	(1) 0.979 (1) 0.979						Freq Offse
4										0 H
5									1	011
6										
8										
9										
10										
11					_				~	

BLE_2M_Ant1_2480

	um Analyzer - Sw							
Center F	RF 50 Q	00000 GHz	SENSE	#Avg	ALIGN OFF Type: RMS Hold: 100/100	02:23:22 AM Jun TRACE 1 TYPE MU	17,2024 2 3 4 5 6	Frequency
10 dB/div	Ref Offset 12 Ref 30.00					DET P	PPPPP	Auto Tune
20.0 10.0			1	$\langle \rangle^2$	3Δ1			Center Freq 2.480000000 GHz
-10.0 -20.0 -30.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	for a for the second	m	www.l	and and a second se	and and	-6.81 dBm	Start Freq 2.478000000 GHz
-40.0 -50.0 -60.0								Stop Freq 2.482000000 GHz
#Res BW		#\	/BW 300 kHz			Span 4.00 .000 ms (100	01 pts)	CF Step 400.000 kHz Auto Man
MXE MODE Tf 1 N 1 2 N 1 3 Δ1 1 4 - - 5 - - 6 - - 7 - - 8 - - 9 - - 10 - -		X 2.479 388 GHz 2.480 528 GHz 1.220 MHz	-6.677 dE -0.811 dE (Δ) 0.011 ι	m	FUNCTION WIDTH	FUNCTION VA		Freq Offset 0 Hz
MSG			- 1		STATU	s 🐼 Align Now,		ed

Dongguan DN Testing Co., Ltd.



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Report No.: DNT241235R1659-4241 Appendix C: Maximum conducted output power

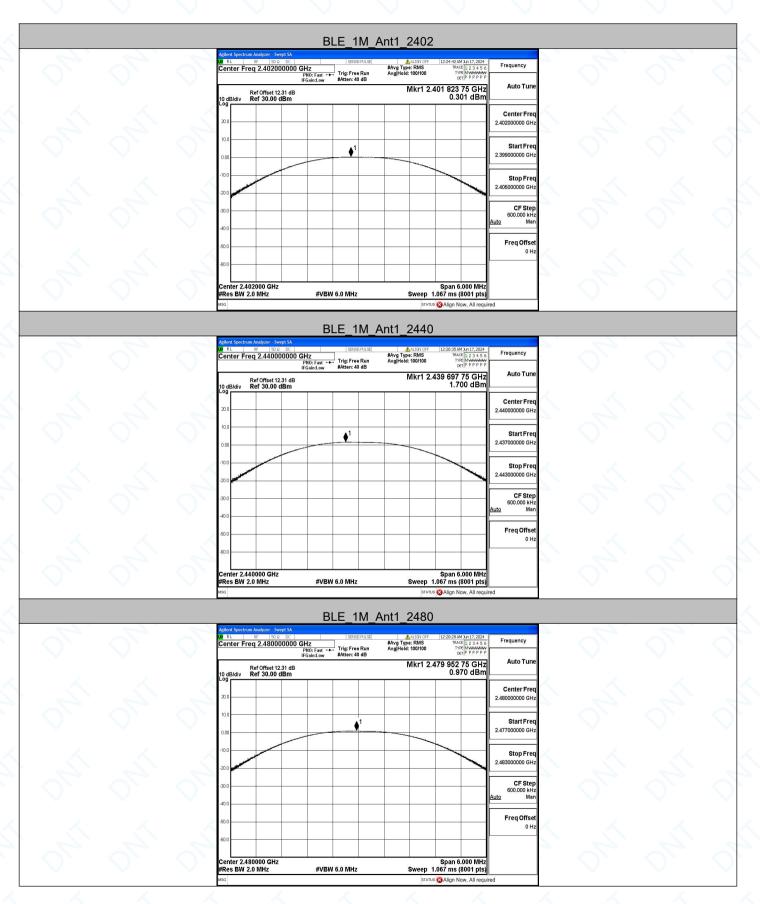
Test Result

Test Mode	Antenna	Freq(MHz)	Power [dBm]	Limit [dBm]	Verdict
		2402	0.30	≤30	PASS
BLE_1M	Ant1	2440	1.70	≤30	PASS
		2480	0.97	≤30	PASS
		2402	1.93	≤30	PASS
BLE_2M	Ant1	2440	1.72	≤30	PASS
		2480	1.05	≤30	PASS



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Test Graphs



Dongguan DN Testing Co., Ltd.



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	Analyzer - Swept SA		NSE:PULSE			1 Jun 17, 2024	
	RF 50 Ω DC 2.402000000 G	Hz		#Avg Type: RMS	TRAC	E123456	Frequency
		PNO: Fast Trig: Fi FGain:Low #Atten:	ree Run :40 dB	Avg Hold: 100/100	TYI	E MWWWWW T P P P P P P	
0 dB/div R	ef Offset 12.31 dB ef 30.00 dBm			Mkr1 2	401 415. 1.9	00 GHz 26 dBm	Auto Tun
-og							Center Fre
20.0					-		2.402000000 GH
10.0		1	-				Start Fre
0.00							2.399000000 GH
10.0							Stop Fre
20.0						1	2.405000000 GH
30.0							CF Ste
40.0							600.000 kH <u>Auto</u> Ma
							Freq Offs
50.0							01
60.0			_		-		
Center 2.402	000 GHz				Span 6	.000 MHz	

BLE_2M_Ant1_2440

XI RL	RF 50 Ω DC	011	SENSE:PULSE	ALIGN OFF #Avg Type: RMS	02:21:32 AM Jun 17, 2024 TRACE 1 2 3 4 5 6	Frequency
Center F	req 2.440000000	PNO: Fast +++ IFGain:Low	Trig: Free Run #Atten: 40 dB	Avg Hold: 100/100	TYPE MWWWWW DET P P P P P	
10 dB/div	Ref Offset 12.31 dB Ref 30.00 dBm			Mkr1 2.	439 528 25 GHz 1.715 dBm	Auto Tun
20.0						Center Fre 2.440000000 GH
10.0			<u></u> 1			Start Fre
0.00			<u>•</u>			2.437000000 GH
20.0						Stop Fre 2.443000000 GH
30.0						CF Ste 600.000 kH <u>Auto</u> Ma
50.0						FreqOffse
60.0						0 H
Center 2.4 #Res BW	440000 GHz 2.0 MHz	#VBW	6.0 MHz	Sweep 1	Span 6.000 MHz 1.067 ms (8001 pts)	
ISG					s 🐼 Alian Now, All requir	red

BLE_2M_Ant1_2480

	trum Analyzer - Swept SA					
Center F	RF 50 Ω DC Freq 2.48000000	0 GHz	SENSE:PULSE	#Avg Type: RMS	02:23:32 AM Jun 17, 2024 TRACE 1 2 3 4 5 6	Frequency
	Ref Offset 12.31 dE	PNO: Fast +++ IFGain:Low	Trig: Free Run #Atten: 40 dB	Avg Hold: 100/100 Mkr1 2.4	TYPE MUMUUWU DET P P P P P P 479 508 75 GHz	Auto Tune
10 dB/div Log	Ref 30.00 dBm				1.053 dBm	
20.0						Center Free 2.48000000 GH
0.00			♦ ¹			Start Fre 2.477000000 GH
-10.0						Stop Free 2.483000000 GH
30.0						CF Ste 600.000 kH Auto Ma
40.0						
-50.0						Freq Offse 0 Hi
-60.0						
	480000 GHz 2.0 MHz	#VBW	6.0 MHz	Sweep 1	Span 6.000 MHz I.067 ms (8001 pts)	
MSG				STATU	s 😢 Align Now, All requi	red

Dongguan DN Testing Co., Ltd.



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Appendix D: Maximum power spectral density

Test Result

Test Mode	Antenna	Freq(MHz)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
2 4	7 7	2402	-15.88	≤8.00	PASS
BLE_1M	Ant1	2440	-14.75	≤8.00	PASS
		2480	-15.50	≤8.00	PASS
BLE_2M	Ant1	2402	-16.60	≤8.00	PASS
		2440	-16.68	≤8.00	PASS
		2480	-17.54	≤8.00	PASS