	之				
	<b>TEST REPOR</b>	Т			
FCC ID:	2BH9C-LPPSLSXASG				
Test Report No:	TCT240819E021	$(c^{(1)})$			
Date of issue:	Sep. 02, 2024	Sep. 02, 2024			
Testing laboratory::	SHENZHEN TONGCE TESTING	G LAB			
Testing location/ address:	2101 & 2201, Zhenchang Factor Subdistrict, Bao'an District, Sher People's Republic of China				
Applicant's name::	PRISM TECH PTE. LTD	$(\mathcal{C})$	$\langle c \rangle$		
Address:	996 BENDEMEER ROAD, #03-0 (339944), Singapore	07 B CENTRAL, SING	APORE		
Manufacturer's name :	PRISM TECH PTE. LTD				
Address:	996 BENDEMEER ROAD, #03-0 (339944), Singapore	07 B CENTRAL, SING	APORE		
Standard(s):	FCC CFR Title 47 Part 15 Subp FCC KDB 558074 D01 15.247 M ANSI C63.10:2013		2 6		
Product Name::	Sentinel				
Trade Mark:	PRISM+	(c)			
Model/Type reference :	LPPSLSXASG, LPPSLSXACR, LPPSLSXAOB	LPPSLSXANS, LPPS	LSXACG,		
Rating(s):	Rechargeable Li-ion Battery DC	7.4V	$(\mathbf{c}^{*})$		
Date of receipt of test item	Aug. 12, 2024				
Date (s) of performance of test:	Aug. 12, 2024 ~ Sep. 02, 2024	Ś			
Tested by (+signature) :	Onnado YE	Onnado JENGCE )			
Check by (+signature) :	Beryl ZHAO	Reyle TCT	TNO		
Approved by (+signature):	Tomsin	Tomsies 3			
TONGCE TESTING LAB. TH	oduced except in full, without the nis document may be altered or ly, and shall be noted in the revis apply to the tested sample.	revised by SHENZHE	N TONGCE		

<u>Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com</u>

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TCT 通测检测 TESTING CENTRE TECHNOLOGY

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KC C		



# **1. General Product Information**

# 1.1. EUT description

Product Name:	Sentinel			
Model/Type reference:	LPPSLSXASG			
Sample Number	TCT240819E021-0101			
Bluetooth Version:	V5.0			
Operation Frequency:	2402MHz~2480MHz			
Channel Separation:	2MHz	$(\mathbf{c}^{*})$		$(\mathbf{c}^{*})$
Number of Channel:	40			
Modulation Type:	GFSK			
Antenna Type:	PCB Antenna		No.	
Antenna Gain:	-1.16dBi			
Rating(s):	Rechargeable Li-ion Battery D	0C 7.4V		

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

# 1.2. Model(s) list

models.

No.	No. Model No.			
	LPPSLSXASG	$\boxtimes$		
Other models	Other models LPPSLSXACR, LPPSLSXANS, LPPSLSXACG, LPPSLSXAOB			
	G is tested model, other models are derivative models. The models are idenly different on the model names. So the test data of LPPSLSXASG can re			

# **1.3. Operation Frequency**

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
	(i		<u></u>		<u></u>		<u></u>
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
Remark:	Channel 0 1	9 & 39 h	ave heen te	sted			

Report No.: TCT240819E021



# 2. Test Result Summary

Requirement	CFR 47 Section	Result
Antenna requirement	§15.203/§15.247 (c)	PASS
AC Power Line Conducted Emission	§15.207	PASS
Conducted Peak Output Power	§15.247 (b)(3)	PASS
6dB Emission Bandwidth	§15.247 (a)(2)	PASS
Power Spectral Density	§15.247 (e)	PASS
Band Edge	§15.247(d)	PASS
Spurious Emission	§15.205/§15.209	PASS

#### Note:

- 1. PASS: Test item meets the requirement.
- 2. Fail: Test item does not meet the requirement.
- 3. N/A: Test case does not apply to the test object.
- 4. The test result judgment is decided by the limit of test standard.

# 3. General Information

# 3.1. Test environment and mode

Operating Environment:						
Condition	Conducted Emission	Radiated Emission				
Temperature:	22.7 °C	24.8 °C				
Humidity:	52 % RH	52 % RH				
Atmospheric Pressure:	1010 mbar	1010 mbar				
Test Software:						
Software Information:	SSCOM V5.13.1					
Power Level:	40					
Test Mode:						

Engineer mode:

Keep the EUT in continuous transmitting by select channel and modulations with Fully-charged battery.

The sample was placed 0.8m & 1.5m for the measurement below & above 1GHz above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case (Z axis) are shown in Test Results of the following pages.

# 3.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name	
Adapter	EP-TA200	R37R55T6KL2SE3		SAMSUNG	

Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
- 3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.



# 4. Facilities and Accreditations

# 4.1. Facilities

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

• FCC - Registration No.: 645098

SHENZHEN TONGCE TESTING LAB

Designation Number: CN1205

The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC Registration No.: 10668A
- SHENZHEN TONGCE TESTING LAB
- CAB identifier: CN0031

The testing lab has been registered by Innovation, Science and Economic Development Canada for radio equipment testing.

# 4.2. Location

### SHENZHEN TONGCE TESTING LAB

Address: 2101 & 2201, Zhenchang Factory Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China TEL: +86-755-27673339

# 4.3. Measurement Uncertainty

The reported uncertainty of measurement  $y \pm U$ , where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	± 3.10 dB
2	RF power, conducted	± 0.12 dB
3	Spurious emissions, conducted	± 0.11 dB
4	All emissions, radiated(<1 GHz)	± 4.56 dB
5	All emissions, radiated(1 GHz - 18 GHz)	± 4.22 dB
6	All emissions, radiated(18 GHz- 40 GHz)	± 4.36 dB



# 5. Test Results and Measurement Data

# 5.1. Antenna requirement

### Standard requirement: FCC Part15 C 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(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

#### E.U.T Antenna:

The Bluetooth antenna is PCB antenna which permanently attached, and the best case gain of the antenna is -1.16dBi.



# 5.2. Conducted Emission

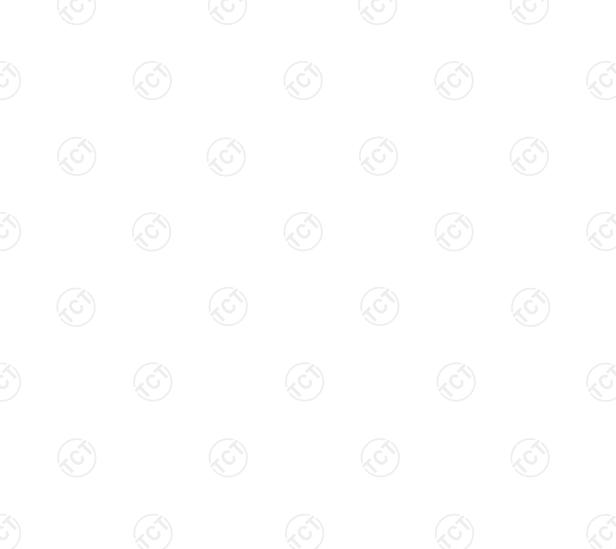
### 5.2.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.207					
Test Method:	ANSI C63.10:2013					
Frequency Range:	150 kHz to 30 MHz					
Receiver setup:	RBW=9 kHz, VBW=30	kHz, Sweep time	e=auto			
	Frequency range	Limit (	dBuV)			
	(MHz)	Quasi-peak	Average			
Limits:	0.15-0.5	66 to 56*	56 to 46*			
	0.5-5	56	46			
	5-30	60	50			
	Referenc	e Plane				
	40cm					
Гest Setup:	E.U.T AC powe Test table/Insulation plane Remarkc E.U.T: Equipment Under Test LISN: Line Impedence Stabilization No Test table height=0.8m	EMI Receiver	r — AC power			
Test Mode:	Charging + Transmittir	ng Mode				
Test Procedure:	<ol> <li>The E.U.T is connerimpedance stabilizy provides a 500hm/5 measuring equipme</li> <li>The peripheral device power through a LI coupling impedance refer to the block photographs).</li> <li>Both sides of A.C. conducted interferer emission, the relative the interface cables ANSI C63.10:2013 control</li> </ol>	ation network 50uH coupling in nt. ces are also conn ISN that provides with 50ohm terr diagram of the line are checkence. In order to fi e positions of equ s must be chang	(L.I.S.N.). This pedance for the ected to the main s a 50ohm/50uh nination. (Please test setup and ed for maximum nd the maximum upment and all o ged according to			
	ANOI 003.10.2013 (	on conducted mea	asurement.			

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#### 5.2.2. Test Instruments

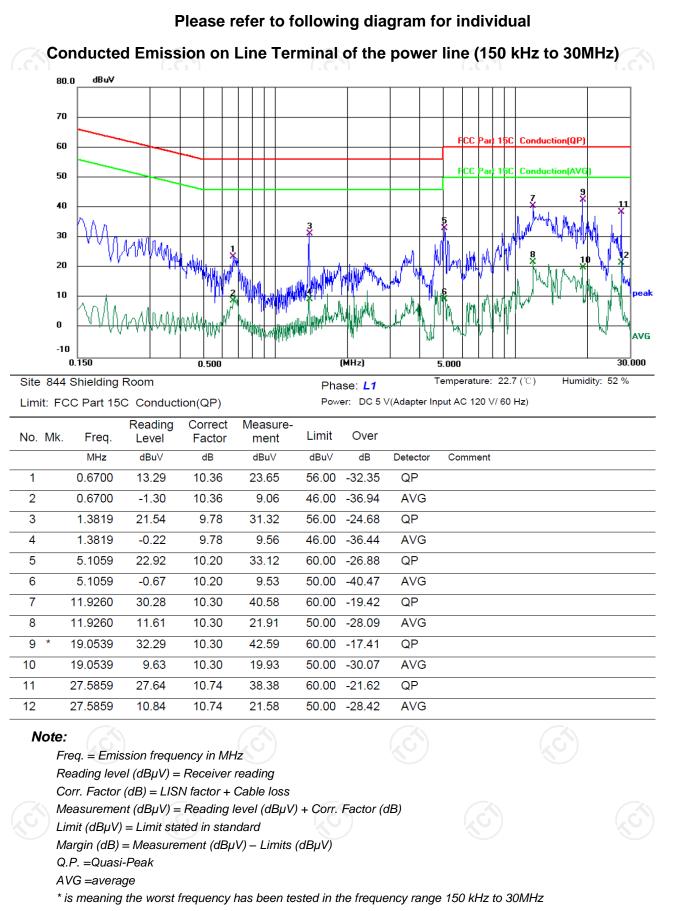
	Conducted Emission Shielding Room Test Site (843)									
	Equipment	Manufacturer	Model	Serial Number	Calibration Due					
	EMI Test Receiver	R&S	ESCI3	100898	Jun. 26, 2025					
	LISN	LISN Schwarzbeck NSLK 8126		8126453	Jan. 31, 2025					
Ī	Attenuator N/A		10dB	164080	Jun. 26, 2025					
ſ	Line-5	тст	CE-05	/	Jun. 26, 2025					
	EMI Test Software	EZ_EMC	EMEC-3A1	1.1.4.2	1					

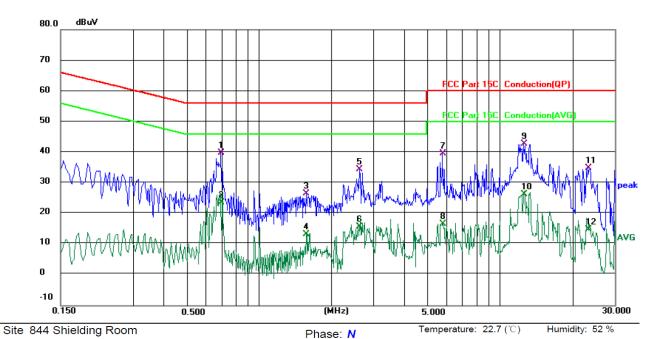


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#### 5.2.3. Test data

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#### Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)

Limit: FCC Part 15C Conduction(QP)

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Power: DC 5 V(Adapter Input AC 120 V/ 60 Hz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.6940	29.39	10.35	39.74	56.00	-16.26	QP	
2		0.6940	13.21	10.35	23.56	46.00	-22.44	AVG	
3		1.5700	16.74	9.76	26.50	56.00	-29.50	QP	
4		1.5700	3.45	9.76	13.21	46.00	-32.79	AVG	
5		2.6099	24.62	9.85	34.47	56.00	-21.53	QP	
6		2.6099	5.91	9.85	15.76	46.00	-30.24	AVG	
7		5.7940	29.46	10.15	39.61	60.00	-20.39	QP	
8		5.7940	6.47	10.15	16.62	50.00	-33.38	AVG	
9		12.5460	32.40	10.28	42.68	60.00	-17.32	QP	
10		12.5460	16.09	10.28	26.37	50.00	-23.63	AVG	
11		23.1540	24.39	10.42	34.81	60.00	-25.19	QP	
12		23.1540	4.49	10.42	14.91	50.00	-35.09	AVG	

#### Note1:

Freq. = Emission frequency in MHz

Reading level ( $dB\mu V$ ) = Receiver reading

Corr. Factor (dB) = LISN factor + Cable loss

Measurement ( $dB\mu V$ ) = Reading level ( $dB\mu V$ ) + Corr. Factor (dB)

*Limit*  $(dB\mu V) = Limit$  stated in standard

 $Margin (dB) = Measurement (dB\mu V) - Limits (dB\mu V)$ 

Q.P. =Quasi-Peak

AVG =average

\* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

**Note2:** Measurements were conducted in all three channels (high, middle, low), and the worst case Mode (Highest channel) was submitted only.

# 5.3. Conducted Output Power

# 5.3.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (b)(3)					
Test Method:	KDB 558074 D01 v05r02					
Limit:	30dBm					
Test Setup:	Spectrum Analyzer EUT					
Test Mode:	Refer to item 3.1					
Test Procedure:	<ul> <li>Set spectrum analyzer as following:</li> <li>a) Set the RBW ≥ DTS bandwidth.</li> <li>b) Set VBW ≥ 3 × RBW.</li> <li>c) Set span ≥ 3 x RBW</li> <li>d) Sweep time = auto couple.</li> <li>e) Detector = peak.</li> <li>f) Trace mode = max hold.</li> <li>g) Allow trace to fully stabilize.</li> <li>h) Use peak marker function to determine the peak amplitude level.</li> </ul>					
Test Result:	PASS					

# 5.3.2. Test Instruments

Name	Manufacturer	nufacturer Model No. Serial Number		
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	1	/



# 5.4. Emission Bandwidth

### 5.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)					
Test Method:	KDB 558074 D01 v05r02					
Limit:	>500kHz					
Test Setup:						
	Spectrum Analyzer EUT					
Test Mode:	Refer to item 3.1					
Test Procedure:	<ol> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.</li> <li>Measure and record the results in the test report.</li> </ol>					
Test Result:	PASS					

### 5.4.2. Test Instruments

	Name	Manufacturer	Model No.	Serial Number	<b>Calibration Due</b>
	Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
	Combiner Box	Ascentest	AT890-RFB		



# 5.5. Power Spectral Density

# 5.5.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB 558074 D01 v05r02
Limit:	The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	
	spectrum Analyzer
Test Mode:	Refer to item 3.1
Test Procedure:	<ol> <li>The RF output of EUT was connected to the spectrum analyzer by RF cable. The path loss was compensated to the results for each measurement.</li> <li>Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. In order to make an accurate measurement, set the span to 1.5 times DTS Channel Bandwidth. (6dB BW)</li> <li>Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level.</li> <li>Measure and record the results in the test report.</li> </ol>
Test Result:	PASS

### 5.5.2. Test Instruments

Name	Manufacturer	Manufacturer Model No. Serial Number		
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jun. 26, 2025
Combiner Box	Ascentest	AT890-RFB	/	/

# 5.6. Conducted Band Edge and Spurious Emission Measurement

#### 5.6.1. Test Specification

Test Requirement:	FCC Part15 C Section 1	15.247 (d)				
Test Method:	KDB 558074 D01 v05r0	KDB 558074 D01 v05r02				
Limit:	In any 100 kHz band frequency band, the non-restricted bands sh 30dB relative to the ma RF conducted measur which fall in the restrict 15.205(a), must also co limits specified in Section	emissions which fa all be attenuated at lea aximum PSD level in 10 rement and radiated ted bands, as defined i omply with the radiated	II in the st 20 dB / 00 kHz by emissions in Section			
Test Setup:	Spectrum Analyzer	— <mark></mark> (С				
Test Mode:	Refer to item 3.1	$\langle \mathcal{C} \rangle$	Ŕ			
Test Procedure:	<ul> <li>compensated to the</li> <li>2. Set to the maximum performance</li> <li>3. Set RBW = 100 kHz, Unwanted Emissions bandwidth outside of shall be attenuated to shall be attenuated to maximum in-band performance</li> <li>used. If the transmitted power limits based of a time interval, the aparagraph shall be 3 15.247(d).</li> <li>4. Measure and record to 5. The RF fundamental</li> </ul>	e. The path loss was results for each measu power setting and enab uously. VBW=300 kHz, Peak E s measured in any 100 f the authorized frequer by at least 20 dB relativ eak PSD level in 100 kH ducted output power pro- ter complies with the co on the use of RMS avera- ttenuation required und 30 dB instead of 20 dB p the results in the test re	rement. le the Detector. kHz ncy band e to the Hz when bcedure is inducted aging over ler this ber port. ccluded			
		in the operating neque	ncy band.			



### 5.6.2. Test Instruments

	Name	Manufacturer	Model No.	Serial Number	Calibration Due
Spectrum Analyzer		Agilent	N9020A	MY49100619	Jun. 26, 2025
	biner Box	Ascentest	AT890-RFB	1	1

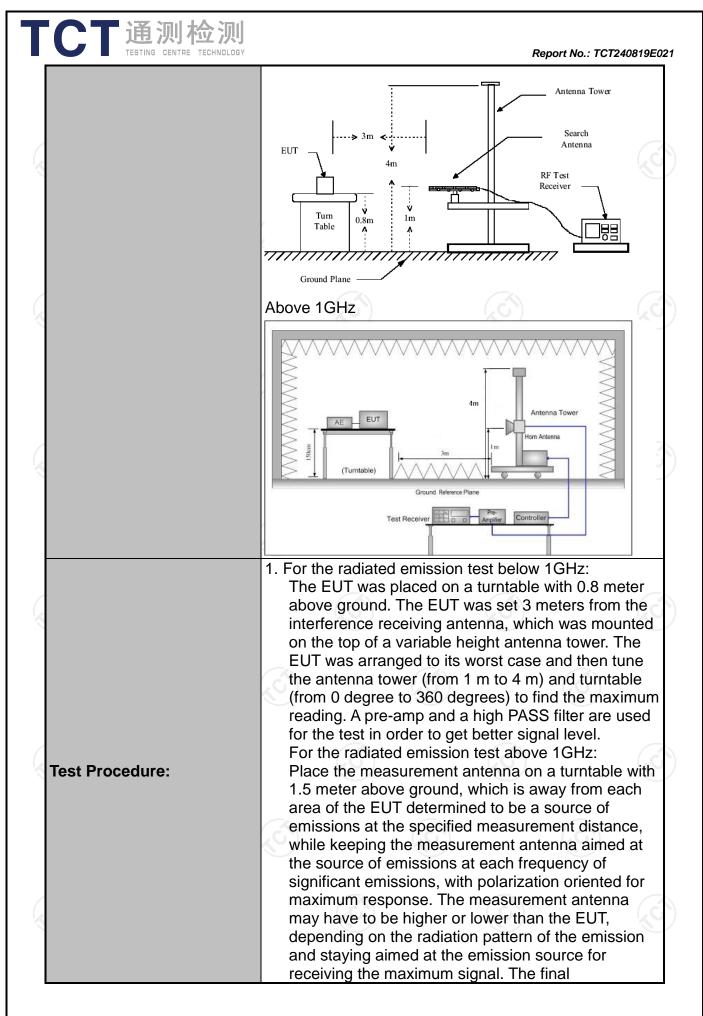
# 5.7. Radiated Spurious Emission Measurement

### 5.7.1. Test Specification

TCT 通测检测 TESTING CENTRE TECHNOLOGY

Test Requirement:	FCC Part15 C Section 15.209						
Test Method:	ANSI C63.10:2013						
Frequency Range:	9 kHz to 25 GHz						
Measurement Distance:	3 m						
Antenna Polarization:	Horizontal & Vertical						
Operation mode:	Refer to item	13.1	(		(		
	Frequency 9kHz- 150kHz 150kHz-	Detector Quasi-peal Quasi-peal		VBW 1kHz 30kHz	Remark Quasi-peak Value Quasi-peak Value		
Receiver Setup:	30MHz 30MHz-1GHz Above 1GHz	Quasi-peal Peak Peak	1MHz	300KHz 3MHz	Quasi-peak Value Peak Value		
	Frequen	cy 190	intervention 1000 1000 1000 1000 1000 1000 1000 10		Average Value Measurement Distance (meters) 300		
	0.490-1.705 1.705-30 30-88		24000/F(KHz) 30 100		30 30 3		
Limit:	88-216 216-960 Above 960		150 200 500		3 3 3		
	Frequency		Field Strength icrovolts/meter)		ce Detector		
	Above 1GHz		500         3           5000         3		Average Peak		
	For radiated		s below 30	)MHz			
	Distance = 3m						
Test setup:	0.8m Turn table						
	30MHz to 1GHz						

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	<ul> <li>measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.</li> <li>2. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level</li> <li>3. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.</li> <li>4. Use the following spectrum analyzer settings: <ul> <li>(1) Span shall wide enough to fully capture the emission being measured;</li> <li>(2) Set RBW=120 kHz for f &lt; 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;</li> <li>(3) Set RBW = 1 MHz, VBW= 3MHz for f &gt;1 GHz for peak measurement.</li> <li>For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.</li> </ul> </li> </ul>
Test mode:	Refer to section 3.1 for details
Test results:	PASS

# 5.7.2. Test Instruments

	Radiated Em	nission Test Site	e (966)		
Name of Equipment	Manufacturer		Serial Number	Calibration Due	
EMI Test Receiver	R&S	ESCI7	100529	Jan. 31, 2025	
Spectrum Analyzer	R&S	FSQ40	200061	Jun. 26, 2025	
Pre-amplifier	HP	8447D	2727A05017	Jun. 26, 2025	
Pre-amplifier	SKET	LNPA_0118G- 45	SK2021012 102	Jan. 31, 2025	
Pre-amplifier	SKET	LNPA_1840G- 50	SK2021092 03500	Jan. 31, 2025	
Loop antenna	Schwarzbeck	FMZB1519B	00191	Jun. 26, 2025	
Broadband Antenna	Schwarzbeck	VULB9163	340	Jun. 28, 2025	
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Jun. 28, 2025	
Horn Antenna	Schwarzbeck	BBHA 9170	00956	Feb. 02, 2025	
Coaxial cable	SKET	RE-03-D	/	Jun. 26, 2025	
Coaxial cable	SKET	RE-03-M	) /	Jun. 26, 2025	
Coaxial cable	SKET	RE-03-L	/	Jun. 26, 2025	
Coaxial cable	SKET	RE-04-D		Jun. 26, 2025	
Coaxial cable	SKET	RE-04-M		Jun. 26, 2025	
Coaxial cable	SKET	RE-04-L	/	Jun. 26, 2025	
Antenna Mast	Keleto	RE-AM	1		
EMI Test Software	EZ_EMC	FA-03A2 RE+	1.1.4.2	/	



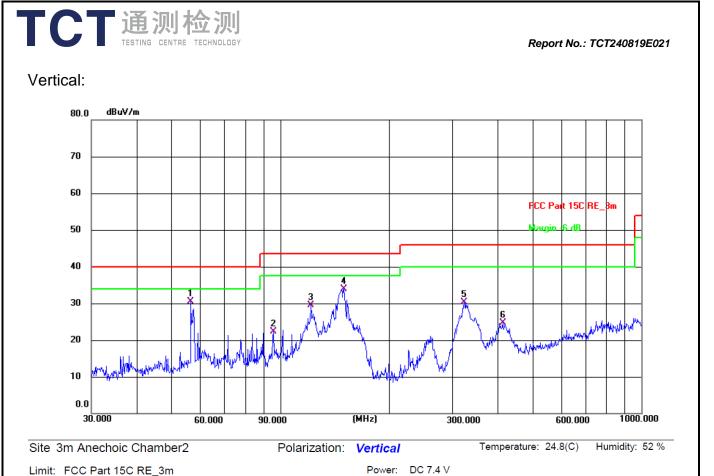
Site 3m Anechoic Chamber2

Polarization: Horizontal

Temperature: 24.8(C) Humidity: 52 %

Limit:	FCC Part 15C F				Power:	DC 7.4 V			
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	P/F	Remark
1	122.8338	50.95	-19.03	31.92	43.50	-11.58	QP	Р	
2 *	147.9214	57.63	-17.51	40.12	43.50	-3.38	QP	Ρ	
3	189.7384	55.34	-20.56	34.78	43.50	-8.72	QP	Р	
4	262.8955	53.18	-18.72	34.46	46.00	-11.54	QP	Р	
5 !	330.1947	58.27	-17.41	40.86	46.00	-5.14	QP	Ρ	
6	478.8455	49.82	-12.73	37.09	46.00	-8.91	QP	Ρ	

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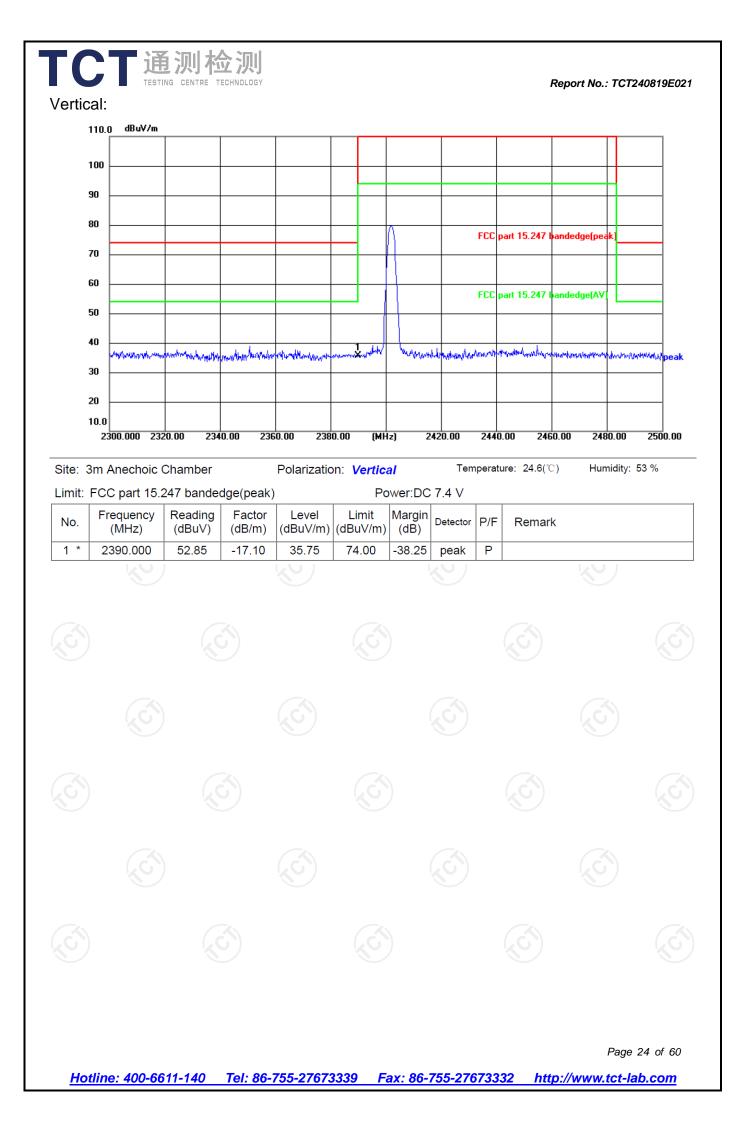


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)		Margin (dB)	Detector	P/F	Remark
1 *	56.5929	49.27	-18.76	30.51	40.00	-9.49	QP	Ρ	
2	95.7622	44.24	-21.85	22.39	43.50	-21.11	QP	Ρ	
3	121.5485	48.63	-19.11	29.52	43.50	-13.98	QP	Ρ	
4	150.0107	51.13	-17.31	33.82	43.50	-9.68	QP	Ρ	
5	323.3201	47.86	-17.55	30.31	46.00	-15.69	QP	Ρ	
6	413.2706	39.08	-14.45	24.63	46.00	-21.37	QP	Ρ	

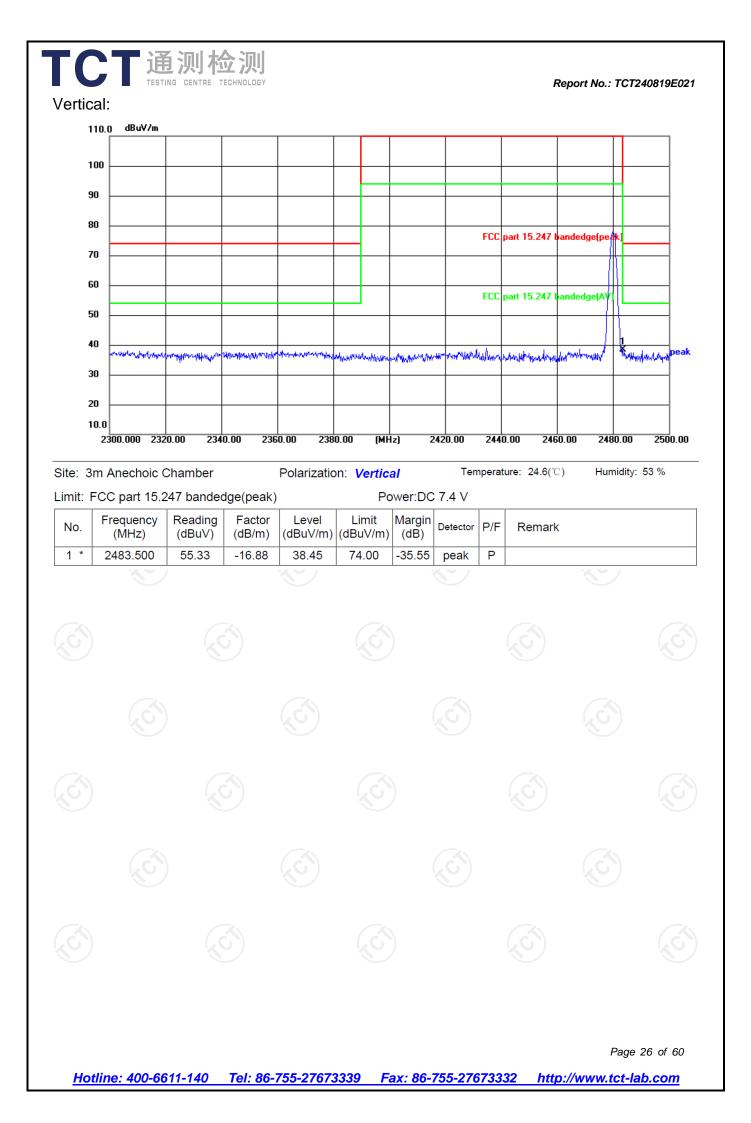
**Note:** 1. The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported

- 2. Measurements were conducted in all three channels (high, middle, low), and the worst case Mode (Highest channel) was submitted only.
- 3. Freq. = Emission frequency in MHz
   Measurement (dBµV/m) = Reading level (dBµV) + Corr. Factor (dB)
   Correction Factor= Antenna Factor + Cable loss Pre-amplifier
   Limit (dBµV/m) = Limit stated in standard
   Margin (dB) = Measurement (dBµV/m) Limits (dBµV/m)
   \* is meaning the worst frequency has been tested in the test frequency range

	CT 通		CHNOLOGY						ŀ	Report No.:	TCT240819	E021
		-	Test Res	ult of Rad	diated Sp	ourious	at Ban	d ed	ges			
Lowe	est channel	2402:										
Horiz	zontal:											
	110.0 dBuV/m				162	1			( с. )			
	100											
	90											
	80					Λ	_					
	70						_	FCC	part 15.247	bandedge(pea	ik]	
	60											
	50							FCC	part 15.247	andedge(AV)		
	40						_					nank
	30	Kahlunahan	www.trandy.theman	V <sup>ers</sup> killen halaslippija og t	1 martin	www.w.y	in an	WITH	kange 1998 den	and Antonia	hind die Kanadikanaan	реак
	20						_					
	10.0	20.00 234	0.00 236	60.00 <b>2</b> 38	0.00 (M	Hz) :	2420.00	244	0.00 246	50.00 <b>24</b> 8	0.00 250	0.00
Site	3m Anechoic			Polarizatio	_		Ter	mperat	ture: 24.6(°	C) Hum	nidity: 53 %	
	: FCC part 15.		dae(neak)			ontar				-,	,, ,	
			age(peak)	)	P	ower:DC	C 7.4 V					
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	) Level (dBuV/m)	Limit	Margin	1	P/F	Remark	<		
No.	(MHz)	Reading	Factor	Level	Limit	Margin	Detector	P/F P	Remark	(		
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark	(		5
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark	<	×	5)
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark	<	)	5)
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark	<	)	5
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark	<		
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark	< ()		
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark	< (C)		5
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark			
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark			
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark			
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark			
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark			5
	(MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector		Remark	< (C) (C)		



110.0	dBu¥/m												1
100													
90											+		
80								FCC	part 15.247	bandedge(p	eak		
70											$\mathbb{H}$		
60 — 50 —								FCC	part 15.247	bandedge(A	ήĽ		
40											Щ		
30	natura khaima hi	and haddened by	and the second second	eparthelipet an enabled and in	adaman adadam	hunnahhr	1.Herriteeren	ennymethe	-breaking which have	and hit with the south	1 <b>%</b>	WMMM	/pe
20													
10.0													
2300.	000 232	0.00 234	0.00 23	60.00 238	90.00 (M	 Hz) 2	420.00	244	0.00 240	50.00 2	480.00	25	00.C
			10.00 23	60.00 238 Polarizatio		-			0.00 240 cure: 24.6(%			25 /: 53 %	
e: 3m Ane it: FCC p	echoic ( art 15.2	Chamber 247 bande	dge(peak	Polarizatio	on: <i>Horiz</i> P	ontal ower:DC	Ten						
e: 3m And hit: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat		C) H			
e: 3m And hit: FCC p p. Freq (M	echoic ( art 15.2 uency	Chamber 247 bander Reading	dge(peak Factor	Polarizatio	on: <i>Horiz</i> P Limit	ontal ower:DC	Tem ; 7.4 V	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And hit: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And hit: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And hit: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And hit: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And it: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And it: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And it: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And hit: FCC p p. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			
e: 3m And hit: FCC p b. Freq (M	echoic ( art 15.2 uency Hz)	Chamber 247 bander Reading (dBuV)	dge(peak Factor (dB/m)	Polarizatio	on: <b>Horiz</b> P Limit (dBuV/m	ontal ower:DC Margin (dB)	Terr 7.4 V Detector	nperat	:ure: 24.6(ຳ	C) H			



Low char	nnel: 2402	MHz							
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Peak	on Level AV (dBµV/m)	Peak limit (dBµV/m)		Margin (dB)
4804	Н	56.18		-9.51	46.67		74	54	-7.33
7206	Н	47.04		-1.41	45.63		74	54	-8.37
	Н								
4804	V	56.55		-9.51	47.04	~~	74	54	-6.96
7206	<b>V</b>	46.09	-420	-1.41	44.68	S-	74	54	-9.32
	V								

Above 1GHz

#### Middle channel: 2440 MHz

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Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Peak	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4880	Н	56.24		-9.36	46.88		74	54	-7.12
7320	Н	47.19		-1.15	46.04		74	54	-7.96
	Н				/				
ļ			Ň						
4880	V	54.62		-9.36	45.26		74	54	-8.74
7320	V	45.47		-1.15	44.32		74	54	-9.68
	V						-		

High chann	el: 2480 N	ЛНz		6				N.
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Peak	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4960	Н	56.36		-9.20	47.16	 74	54	-6.84
7440	Н	46.97		-0.96	46.01	74	54	-7.99
	Н					 		
4960	V	55.06		-9.20	45.86	 74	54	-8.14
7440	V	45.42		-0.96	44.46	 74	54	-9.54
	V			0	ノ	 		

#### Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dB $\mu$ V/m)-Average limit (dB $\mu$ V/m)

3. The emission levels of other frequencies are very lower than the limit and not show in test report.

4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.

5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

6. All the restriction bands are compliance with the limit of 15.209.



# **Appendix A: Test Result of Conducted Test**

		Duty Cycle			
Condition	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)	
NVNT	2402	100	0	0	
NVNT	2440	100	0	0	
NVNT	2480	100	0	0	

<u>Hotlin</u>	e: 400-6611-	140 Tel: 8	2 <u>6-755-27673</u>	339 Fax:	<u>86-755-2767</u>	<u>3332 http</u>	Page :// <b>www.tct-la</b>	28 of 60 1 <mark>b.com</mark>

# STATUS

#### Duty Cycle NVNT 2440MHz

Agilent Spect										
LXI R	RF	50 Ω AC		SEN	SE:PULSE S	DURCE OFF	ALIGN AUTO			4 PM Aug 12, 2024
Center F	req 2.44	0000000	PN	0: Fast ↔ ain:Low	Trig: Fre #Atten: 3		Avg T	ype: Log-Pwr		TYPE WWWWWWW DET P N N N N N
10 dB/div Log		et 7.14 dB .00 dBm							Mkr1	50.00 ms 1.77 dBm
10.0						<b>⊣</b> 1−				
-10.0										
-20.0										
-30.0										
-40.0										
-60.0										
-70.0										
Center 2. Res BW		00 GHz		#VBV	V 8.0 MI	lz		Swe	ep 100.0 m	Span 0 Hz s (1001 pts)
MKR MODE T		X	50.00 ms	۲ -1.77 (		UNCTION	FUNCTION WIDTH		FUNCTION VALUE	
2 3 4										
5										3
7 8 9										
10										
<					Ш					
MSG							STATU	JS		

#### 04:04:49 PM Aug 12, 2024 TRACE 123456 TYPE WWWWWW DET PNNNNN <mark>u</mark> R SENSE:PULSE SOURCE OFF Avg Type: Log-Pwr Center Freq 2.402000000 GHz PNO: Fast +++ Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 50.00 ms -2.89 dBm Ref Offset 6.82 dB Ref 20.00 dBm 10 dB/div Log 1 Span 0 Hz Sweep 100.0 ms (1001 pts) Center 2.402000000 GHz Res BW 8 MHz #VBW 8.0 MHz FUNCTION WIDTH FUNCTION FUNCTION VALUE MKB M 50.00 ms -2.89 dBm N 1 t 5 6 7 8 9 10

**Test Graphs** Duty Cycle NVNT 2402MHz

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MSG

gilent Spectrum Analyzer - Swept SA

#### Report No.: TCT240819E021





1			480MHz	cle NVNT 2	Duty Cyc			
6	6PM Aug 12, 2024 TRACE 1 2 3 4 5 6 TYPE DET P N N N N N	'wr Tf	ALIGNAUTO AVg Type: Log-	NSE:PULSE SOURCE OFF   . Trig: Free Run #Atten: 30 dB	HZ PN0: Fast IFGain:Low	Analyzer - Swept SA RF   50Ω AC   ¶ 2.4800000000 G	LXI R	
	50.00 ms 1.37 dBm	-1		1		tef Offset 7.22 dB tef 20.00 dBm	10.0	
							0.00	
							-40.0 -50.0 -60.0	
	Span 0 Hz s (1001 pts)	Sweep 100.0 ms		W 8.0 MHz	#VB	0000000 GHz Hz	-70.0 Center 2.48 Res BW 8 M	
		FUNCTION VALUE	UNCTION WIDTH	FUNCTION I	).00 ms -1.37	t 50	MKR MODE TRC 1 N 1 2 3 4	
							5 6 7 8 9 10	
	×		STATUS				MSG	

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通测检测 TESTING CENTRE TECHNOLO	<b>UJ</b> DGY			Report No.: TCT	240819E02
	aximum Cor Frequency	nducted Output Conducted	Limit		
Condition	(MHz)	Power (dBm)	(dBm) <sup>v</sup>	erdict	
	2402	-2.95		Pass	
NVNT NVNT	2440 2480	-1.82 -1.54		Pass Pass	
<u>s</u>	(C)	Ŕ	)	Ś	
					31 of 60

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TCT通测检测 TESTING CENTRE TECHNOLOGY

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TC		<b>川检</b> 测	Y			F	Report No.: TCT.	240819E021
	Agilent Spectrum Ar	nalvzer - Swent SA	Powe	r NVNT 248	80MHz			
	LXI R RE	50 Ω AC   2.480000000 G	SHZ PNO: Fast IFGain:Low	ENSE:PULSE  SOURCE OFF   → Trig: Free Run Atten: 24 dB	ALIGNAUTO Avg Type: Log Avg Hold: 500/	g-Pwr 500	9:05PM Aug 12, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N N	
	Ref 10 dB/div Re	Offset 7.22 dB f 20.00 dBm				Mkr1 2.479	731 2 GHz 1.539 dBm	
	0.00			<b>↓</b> 1				
	-10.0							
	-30.0							
	-40.0							
	-60.0							
	Center 2.4800 #Res BW 2.0 I	000 GHz MHz	#VE	3W 6.0 MHz		Sp Sweep 1.333 n	an 6.000 MHz ns (10001 pts)	
	MSG				STATUS			
							Page	33 of 60

Verdict	nit -6 dB vidth (MHz)		B Bandwidth (MHz)	-6 dE	Frequency (MHz)	Condition	C
Pass Pass	0.5 0.5	Bandy	0.683		2402 2440	NVNT NVNT	3)
Pass	0.5		0.673		2480	NVNT	

TCT通测检测 TESTING CENTRE TECHNOLOGY



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#### Report No.: TCT240819E021

#### **Maximum Power Spectral Density Level**

Condition	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict	
NVNT	2402	-11.69	8	Pass	
NVNT	2440	-12.36	8	Pass	
NVNT	2480	-11.64	8	Pass	



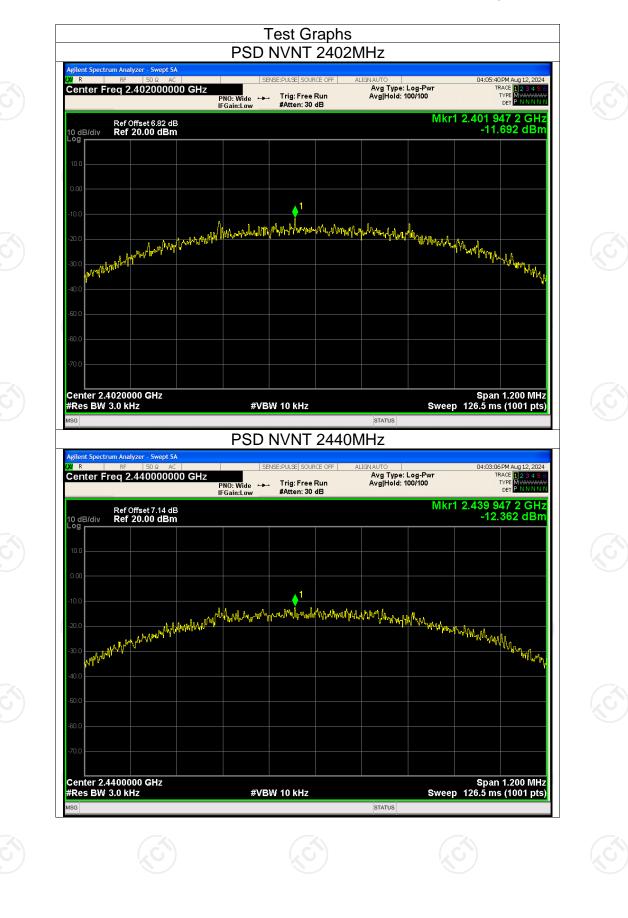




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Agilent Spectrum Analyzer - Swep (X) R RF 50 Q Center Freq 2.480000	AC SE	- Trig: Free Run #Atten: 30 dB	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 100/100	03:59:47 PM Aug 12, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWWW DET P N N N N N	
10 dB/div Ref Offset 7.22	2 dB Bm		Mkr1	2.480 128 4 GHz -11.643 dBm	
0.00			.1		
-10.0 -20.0	nnallingeligen linge Andread	hound who have the former that the second	1 myllownlownor warder	<sup>4</sup> տ%է»յի-չ/ է ո	
-30.0 HJUU <sup>IWUUIWUUIWUU</sup> -40.0				Waylink Pyraw	
-50.0					
-70.0					
Center 2.4800000 GHz #Res BW 3.0 kHz	#VB	SW 10 kHz	Sweep	Span 1.200 MHz 126.5 ms (1001 pts)	

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Condition NVNT NVNT	24	<b>cy (MHz)</b> 02 80	-47	<b>e</b> ue (dBc) 7.78 8.45	Limit (dBc -20 -20	) Verdict Pass Pass	t

# man www. Center 2.402000 GHz #Res BW 100 kHz Span 8.000 MHz Sweep 1.000 ms (1001 pts)

### STATUS Band Edge NVNT 2402MHz Emission

#VBW 300 kHz

U R	RF	alyzer - Swept SA 50 Ω AC 2.35600000	00 GHz	SE PNO: Fast ↔ Gain:Low	INSE:PULSE Trig: Fi #Atten:	ee Run		g Type:	Log-Pwr 000/1000	т	7 PM Aug 12, 202 RACE <b>1 2 3 4 5</b> TYPE M DET <mark>P N N N N</mark>
I0 dB/div		Offset 6.82 dE 20.00 dBm							ſ		02 3 GH 101 dBn
10.0											1
10.00											r.
20.0											-28.18 dE
40.0								× <b>4</b>		. 2	
50.0	اليوميونا الم	J.A.J. Sector and a Martine	and the state of the	ana da da ana	harrow with	born .	an halen angles	pro	ŗ≁√ <b>₩</b> ₩₩₽₽₩₽₽₩₽₽₩₽₽₩₽₽		and la
70.0											
Start 2.30 #Res BW				#VB	W 300 k	Hz			Sweep	Stop 2. 9.600 ms	40600 GH s (1001 pt
KR MODE TF	c  SCL f	>	< 2.402 3 GHz	- <b>3.101</b>		FUNCTION	FUNCTION WI	DTH	FU	NCTION VALUE	
2 N 1 3 N 1 4 N 1 5	f f		2.400 0 GHz 2.390 0 GHz 2.371 2 GHz	-53.337 -52.891	dBm dBm						
6 7 8 9											
10 11											>

Avg Type: Log-Pwr Avg|Hold: 1000/1000

**Test Graphs** Band Edge NVNT 2402MHz Ref

PNO: Wide ---- Trig: Free Run IFGain:Low #Atten: 30 dB

04:05:50 PM Aug 12, 2024 TRACE 123456 TYPE MWWWWW DET PNNNNN

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Mkr1 2.402 256 GHz -3.179 dBm



gilent Spectrum Analyzer - Swept SA

Center Freq 2.402000000 GHz

Ref Offset 6.82 dB Ref 20.00 dBm

<mark>u</mark> R

10 dB/div Log

 $\sim$ 







#### SENSE:PULSE|SOURCE OFF | ALIGN AUTO | Avg Type: Log-Pwr Trig: Free Run Avg|Hold: 1000/1000 3:57 PM Aug 12, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P N N N N Center Freq 2.480000000 GHz PNO: Wide 🛶 Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.479 768 GHz -1.762 dBm Ref Offset 7.22 dB Ref 20.00 dBm 10 dB/div 1 an March har www mar la Center 2.480000 GHz #Res BW 100 kHz Span 8.000 MHz Sweep 1.000 ms (1001 pts) #VBW 300 kHz STATUS Band Edge NVNT 2480MHz Emission 04:00:14 PM Aug 12, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N l R SENSE:PULSE SOURCE OFF Center Freq 2.526000000 GHz Avg Type: Log-Pwr Avg|Hold: 1000/1000 PNO: Fast ---- Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.479 8 GHz -1.818 dBm Ref Offset 7.22 dB Ref 20.00 dBm 10 dB/di Log $\langle \rangle^2 \langle \rangle^4$ $\Diamond^3$ Start 2.47600 GHz #Res BW 100 kHz Stop 2.57600 GHz Sweep 9.600 ms (1001 pts) #VBW 300 kHz FUNCTION WIDTH FUNCTION FUNCTION VALUE -1.818 dBm -51.445 dBm -53.141 dBm -50.218 dBm N 1 f N 1 f N 1 f 2.479 8 GHZ 2.483 5 GHz 2.500 0 GHz 3 GH 2 48

Band Edge NVNT 2480MHz Ref

10 11 MSG

gilent Spectrum Analyzer

Report No.: TCT240819E021

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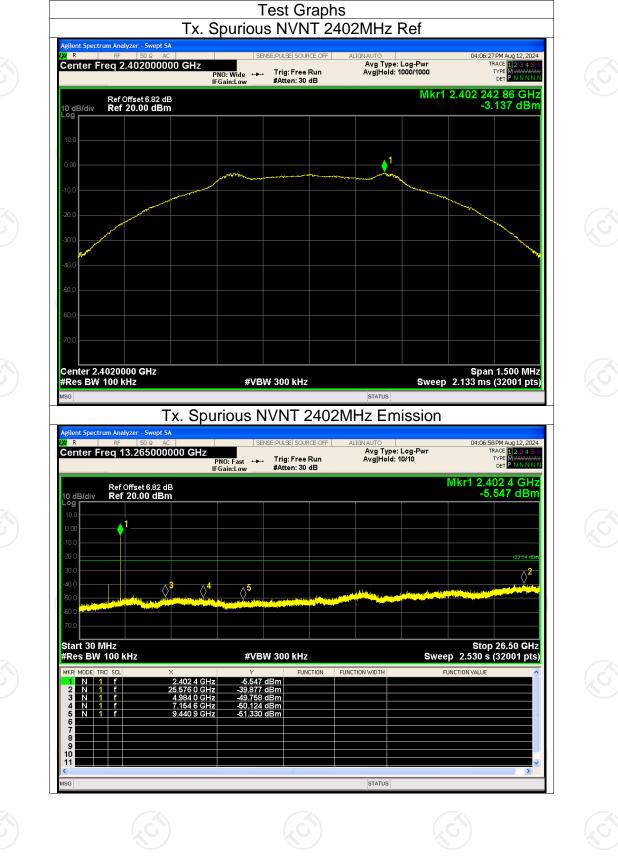






STATUS

C	Verdict Pass Pass	Limit (dBc) -20 -20	/alue (dBc) 36.73 37.55	-36	<b>cy (MHz)</b> 02 40	Condition NVNT NVNT	
K.	Pass	-20	35.63		80	NVNT	<u>S</u> E



Report No.: TCT240819E021

STATUS

MSG



Report No.: TCT240819E021

STATUS

## PNO: Wide 🛶 Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.479 753 34 GHz -1.618 dBm Ref Offset 7.22 dB Ref 20.00 dBm ▲1 Center 2.4800000 GHz #Res BW 100 kHz Span 1.500 MHz Sweep 2.133 ms (32001 pts) #VBW 300 kHz STATUS Tx. Spurious NVNT 2480MHz Emission 04:01:05 PM Aug 12, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P N N N N SENSE:PULSE SOURCE OFF Avg Type: Log-Pwr Avg|Hold: 10/10 Center Freq 13.265000000 GHz PNO: Fast 🔸 Trig: Free Run IFGain:Low #Atten: 30 dB Mkr1 2.480 1 GHz -3.001 dBm Ref Offset 7.22 dB Ref 20.00 dBm

10 dB/div

U F

10 11 MSG

gilent Spectrum Analyzei

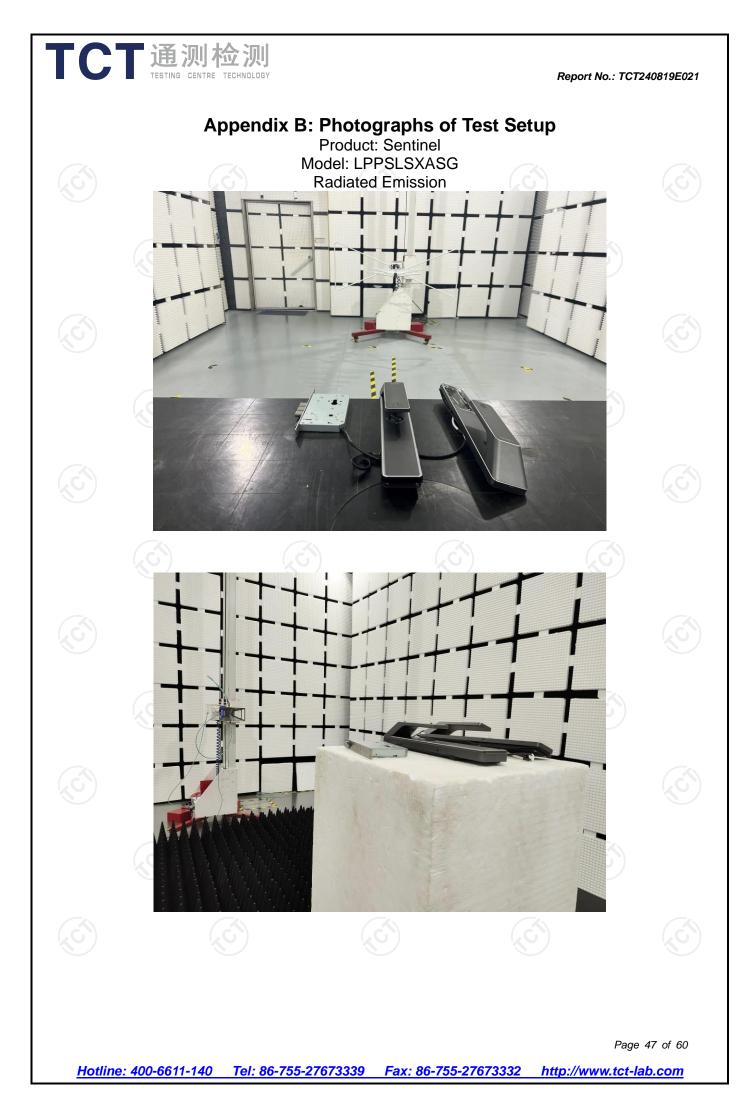
Center Freq 2.480000000 GHz

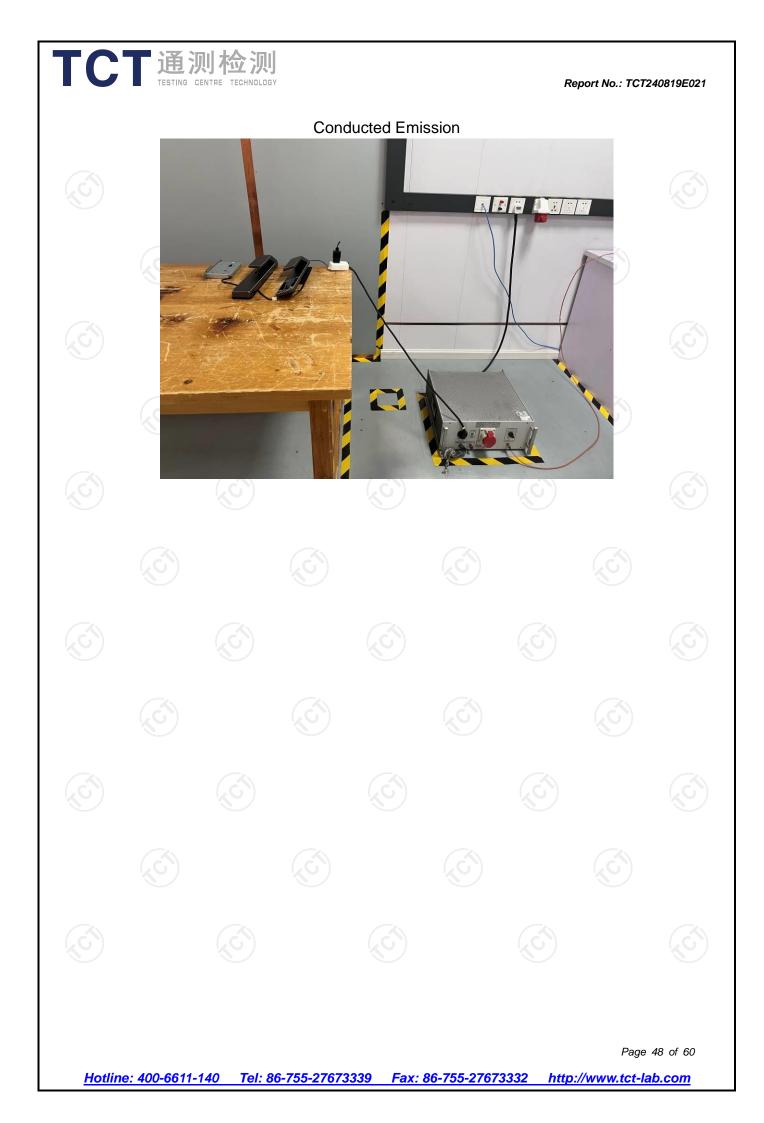
10 dB/di Log ⊘2  $\Diamond$  $\Diamond^{1}$  $\Diamond^{\mathbf{5}}$ Start 30 MHz #Res BW 100 kHz Stop 26.50 GHz Sweep 2.530 s (32001 pts) #VBW 300 kHz FUNCTION WIDTH FUNCTION FUNCTION VALUE N 1 f N 1 f N 1 f N 1 f N 1 f -3.001 dBm -37.256 dBm -50.074 dBm -49.783 dBm -50.829 dBm 1.710 8 GHz 5.055 2 GHz 7.602 1 GHz 10.073 7 GHz



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