

RF TEST REPORT

Product Name: Hoteza Tablet

Model Name: HTZ1108A

FCC ID: 2BL9S-HTZ1108A

Issued For : Hoteza Limited

11 Meneou Avenue 7550 Kiti, Larnaca Cyprus

Issued By : Shenzhen LGT Test Service Co., Ltd.

Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China

Report Number:	LGT24L002RF09
Sample Received Date:	Dec. 03, 2024
Date of Test:	Dec. 03, 2024 ~ Dec. 26, 2024
Date of Issue:	Dec. 26, 2024

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TEST REPORT CERTIFICATION

Applicant:	Hoteza Limited
Address:	11 Meneou Avenue 7550 Kiti, Larnaca Cyprus
Manufacturer:	SHENZHEN PRETECH INDUSTRIAL CO., LTD
Address:	808, QIANCHENG COMMERCIAL CENTER, 5 HAICHENG ROAD, MABU COMMUNITY, XIXIANG STREET, BAO'AN DISTRICT SHENZHEN GUANGDONG CHINA
Product Name:	Hoteza Tablet
Trademark:	HOTEZA
Model Name:	HTZ1108A
Sample Status:	Normal

APPLICABLE STANDARDS		
STANDARD	TEST RESULTS	
FCC Part 15.247, Subpart C ANSI C63.10-2013	PASS	

Prepared by:

Zane Shan

Zane Shan Engineer

Approved by:

rtali

Vita Li Technical Director



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Revision History

Rev.	Issue Date	Revisions
00	Dec. 26, 2024	Initial Issue



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards: KDB 558074 D01 15.247 Meas Guidance v05r02.

FCC Part 15.247, Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(a)(1)	Hopping Channel Separation	PASS	
15.247(a)(1)&(b)(1)	Output Power	PASS	
15.209	Radiated Spurious Emission	PASS	
15.247(d)	Conducted Spurious & Band Edge Emission	PASS	
15.247(a)(1)(iii)	Number of Hopping Frequency	PASS	
15.247(a)(1)(iii)	Dwell Time	PASS	
15.247(a)(1)	Bandwidth	PASS	
15.205	Restricted bands of operation	PASS	
Part 15.247(d)/part 15.209(a)	Band Edge Emission	PASS	
15.203	Antenna Requirement	PASS	

NOTE:

(1) 'N/A' denotes test is not applicable in this Test Report.

(2) All tests are according to ANSI C63.10-2013.



1.1 TEST FACTORY

Company Name:	Shenzhen LGT Test Service Co., Ltd.	
Address:Room 205, Building 13, Zone B, Zhenxiong Industrial Park Renmin West Road, Jinsha, Kengzi Street, Pingshan Distr Shenzhen, Guangdong, China		
	A2LA Certificate No.: 6727.01	
Accreditation Certificate	FCC Registration No.: 746540	
	CAB ID: CN0136	

1.2 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	Uncertainty
1	RF output power, conducted	±0.68dB
2	Unwanted Emissions, conducted	±2.988dB
3	All emissions, radiated 9K-30MHz	±2.84dB
4	All emissions, radiated 30M-1GHz	±4.39dB
5	All emissions, radiated 1G-6GHz	±5.10dB
6	All emissions, radiated>6G	±5.48dB
7	Conducted Emission (9KHz-150KHz)	±2.79dB
8	Conducted Emission (150KHz-30MHz)	±2.80dB

Note: The measurement uncertainty is not included in the test result.



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Hoteza Tablet
HOTEZA
HTZ1108A
N/A
N/A
Please refer to the Note 3.
Frequency:2402 – 2480 MHz Modulation: GFSK(1Mbps), π/4-DQPSK(2Mbps), 8DPSK(3Mbps)
FPC
2.62dBi
Model: JBT050200-T10EUU Input: 100-240V 50/60Hz 0.5A Output: 5V 2A Charging Base adapter: Model: K-A141203000E Input: 100-240V 50/60Hz 0.8A Output: 12V, 3A
Capacity: 5000mAh Rated Voltage: 3.8V
P301-MB-V1.0.0
N/A
Please refer to the Note 1.

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.

2. The antenna information refers to the manufacturer provide report, applicable only to the tested sample identified in the report. Due to the incorrect antenna information, a series of problems such as the accuracy of the test results will be borne by the customer.



3	
	E

	Channel List							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)			
00	2402	27	2429	54	2456			
01	2403	28	2430	55	2457			
02	2404	29	2431	56	2458			
03	2405	30	2432	57	2459			
04	2406	31	2433	58	2460			
05	2407	32	2434	59	2461			
06	2408	33	2435	60	2462			
07	2409	34	2436	61	2463			
08	2410	35	2437	62	2464			
09	2411	36	2438	63	2465			
10	2412	37	2439	64	2466			
11	2413	38	2440	65	2467			
12	2414	39	2441	66	2468			
13	2415	40	2442	67	2469			
14	2416	41	2443	68	2470			
15	2417	42	2444	69	2471			
16	2418	43	2445	70	2472			
17	2419	44	2446	71	2473			
18	2420	45	2447	72	2474			
19	2421	46	2448	73	2475			
20	2422	47	2449	74	2476			
21	2423	48	2450	75	2477			
22	2424	49	2451	76	2478			
23	2425	50	2452	77	2479			
24	2426	51	2453	78	2480			
25	2427	52	2454	-				
26	2428	53	2455					



2.2 DESCRIPTION OF THE TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Worst Mode	Description	Data Rate/Modulation
Mode 1	TX CH00	1Mbps/GFSK
Mode 2	TX CH39	1Mbps/GFSK
Mode 3	TX CH78	1Mbps/GFSK
Mode 4	TX CH00	2 Mbps/π/4-DQPSK
Mode 5	TX CH39	2 Mbps/π/4-DQPSK
Mode 6	TX CH78	2 Mbps/π/4-DQPSK
Mode 7	TX CH00	3 Mbps/8DPSK
Mode 8	TX CH39	3 Mbps/8DPSK
Mode 9	TX CH78	3 Mbps/8DPSK
Mode 10	Hopping	GFSK
Mode 11	Hopping	π/4-DQPSK
Mode 12	Hopping	8DPSK

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.
(2) We tested for all available U.S. voltage and frequencies (For 120V, 50/60Hz and 240V, 50/60Hz) for which the device is capable of operation, and the worst case of 120V/ 60Hz is shown in the report.

(3) The battery is fully charged during the radiated and RF conducted test.

For AC Conducted Emission

Test Case		
AC Conducted Emission	Mode 13: Keeping BT TX	

2.3 FREQUENCY HOPPING SYSTEM REQUIREMENTS

(1) Standard and Limit

According to FCC Part 15.247(a)(1), The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. However, the system, consisting of both the transmitter and the receiver, must be designed to comply with all of the regulations in this section should the transmitter be presented with a continuous data (or information) stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its transmissions over the minimum number of hopping channels specified in this section.

The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hop sets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

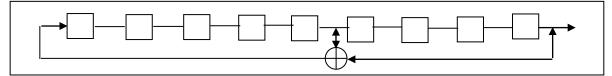
(2) The Pseudorandom sequence may be generated in a nin-stage shift register whose 5th and 9th



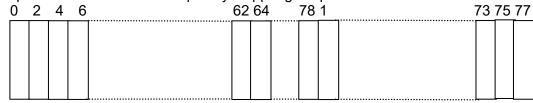
stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first one of 9 consecutive ones: i.e. the shift register is initialized with nine ones.

Numver of shift register stages:9

Length of pseudo-random sequence:2⁹-1=511bits Longest sequence of zeros: 8(non-inverted signal)



Liner Feedback Shift Register for Generator of the PRBS sequence An example of Pseudorandom Frequency Hoppong Sequence as follow:



Each frequency used equally on thaverage by each transmitter. The system receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies ini synchronization with the transmitted signals.

(3) Frequency Hopping System

This transmitter device is frequency hopping device and complies with FCC part 15.247 rule.

This device uses Bluetooth radio which operates in 2400-2483.5 MHz band. Bluetooth uses a radio technology called frequency-hopping spread spectrum, which chops up the data being sent and transmits chunks of it on up to 79 bands (1 MHz each; centred from 2402 to 2480 MHz) in the range 2,400-2,483.5MHz. The transmitter switches hop frequencies 1,600 times per second to assure a high degree of data security. All Bluetooth devices participating in a given piconet are synchronized to the frequency-hopping channel for the piconet. The frequency hopping sequence is determined by the master's device address and the phase of the hopping sequence (the frequency to hop at a specific time) is determined by the master's internal clock. Therefore, all slaves in a piconet must know the master's device address and must synchronize their clocks with the master's clock.

Adaptive Frequency Hopping (AFH) was introduced in the Bluetooth specification to provide an effective way for a Bluetooth radio to counteract normal interference. AFH identifies "bad" channels, where either other wireless device are interfering with the Bluetooth signal or the Bluetooth signal is interfering with another device. The AFH-enabled Bluetooth device will then communicate with other devices within its piconet to share details of any identified bad channels. The devices will then switch to alternative available "good" channels, away from the areas of interference, thus having no impact on the bandwidth used.

This device was tested with a bluetooth system receiver to check that the device maintained hopping synchronization, and the device complied with these requirements FCC Part 15.247 rule.



2.4 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of FHSS.

Test software Version	Test program: Bluetooth			
	Mode Or Modulation type	Power setting		
Engineering Mode	1M	5		
Engineering Mode	2M	5		
	3M	5		

2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND 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.

Accessories Equipment

Description	Manufacturer	Model	S/N	Rating
Adapter	Dongguan Bestgk Smart Technology Co.,Ltd	JBT050200-T10E UU	N/A	Input: 100-240V ~ 50/60Hz 0.5A Output: 5V, 2A
USB-A to USB-C Cable	N/A	N/A	N/A	0.5m
Charging Base Adapter	Dongguan Bestgk Smart Technology Co.,Ltd	K-A141203000E	N/A	Input: 100-240V ~ 50/60Hz 0.8A Output: 12V, 3A
Charging Base	N/A	N/A	N/A	Input: 12V, 3A

Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Laptop	Lenovo	HKF-16	N/A	N/A
Earphone	VESAFE	39630078	N/A	N/A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in ^rLength ^{_} column.
- (2) "YES" is means "with core"; "NO" is means "without core".



2.6 EQUIPMENTS LIST

Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2024.03.09	2025.03.08
LISN	COM-POWER	LI-115	02032	2024.03.09	2025.03.08
LISN	SCHWARZBECK	NNLK 8122	00160	2024.03.09	2025.03.08
Transient Limiter	CYBERTEK	EM5010A	E2250100049	2024.03.09	2025.03.08
Temperature & Humidity	KTJ	TA218B	N.A	2024.03.09	2025.03.08
Testing Software		EMC-	I_V1.4.0.3_SKET		

Radiated Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2024.03.09	2025.03.08
Active loop Antenna	ETS	6502	00049544	2023.10.13	2025.10.12
Spectrum Analyzer	Keysight	N9010B	MY60242508	2024.08.05	2025.08.04
Bilog Antenna(30M-1G)	SCHWARZBECK	VULB 9168	2705	2022.12.12	2025.12.11
Horn Antenna(1-18G)	SCHWARZBECK	3115	10SL0060	2022.06.02	2025.06.01
Horn Antenna(18-40G)	A-INFO	LB-180400-KF	J211060273	2022.06.08	2025.06.07
Pre-amplifier(30M-1G)	EMtrace	RP01A	02019	2024.03.09	2025.03.08
Pre-amplifier(1-26.5G)	Agilent	8449B	3008A4722	2024.03.09	2025.03.08
Pre-amplifier(18-40G)	com-mw	LNPA_18-40-01	18050003	2024.03.09	2025.03.08
Wireless Communications Test Set	R&S	CMW 500	137737	2024.03.09	2025.03.08
Antenna Tower	SAEMC	BK-4AT-BS-D	SK2021093008	N.A	N.A
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2024.03.11	2025.03.10
Testing Software		EMC-	_V1.4.0.3_SKET		

RF Conducted Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
Signal Analyzer	Keysight	N9010B	MY60242508	2024.08.05	2025.08.04
Signal Analyzer	Keysight	N9020A	MY50530994	2024.03.09	2025.03.08
RF Automatic Test system	MW	MW100-RFCB	MW220322LG-033	2024.03.09	2025.03.08
MXG Vector Signal Generator	Keysight	N5182B	MY59100717	2024.03.09	2025.03.08
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2024.03.09	2025.03.08
Attenuator	eastsheep	90db	N.A	2024.03.09	2025.03.08
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2024.03.11	2025.03.10
Digital multimeter	MASTECH	MS8261	MBGBC83053	2024.03.09	2025.03.08
Testing Software	MTS8310_V2.0.0.0_MW				



3. EMC EMISSION TEST

3.1 CONDUCTED EMISSION MEASUREMENT

3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

The radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table.

	Conducted Emiss	sionlimit (dBuV)
FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

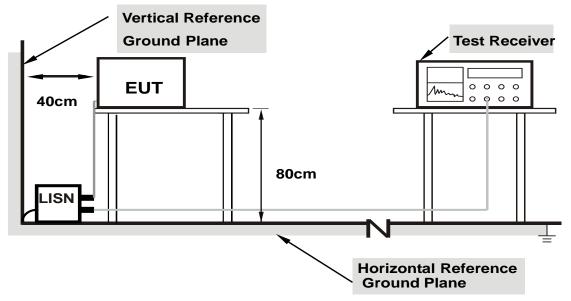
The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz



3.1.2 TEST PROCEDURE

- a. The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN is at least 80 cm from the nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item –EUT Test Photos.
- 3.1.3 TEST SETUP



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes support units.

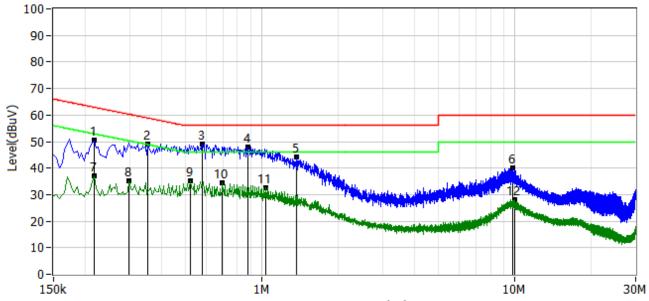
3.1.4 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



3.1.5 TEST RESULT

Project: LGT24L002	Test Engineer: LiuH	
EUT: Hoteza Tablet	Temperature: 24.2°C	
M/N: HTZ1108A	Humidity: 41%RH	
Test Voltage: AC 120V/60Hz	Test Data: 2024-12-05	
Test Mode: TX DH5 2402		
Note:		

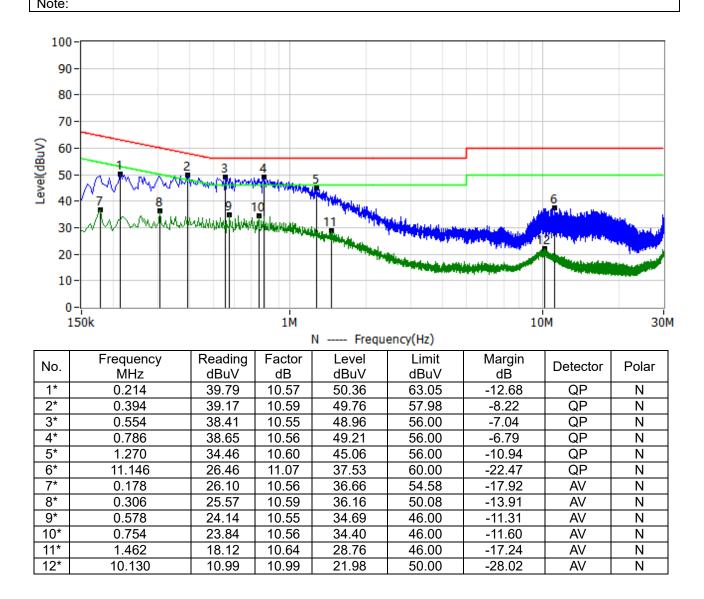


L1 ----- Frequency(Hz)

				-				
No.	Frequency	Reading	Factor	Level	Limit	Margin	Detector	Polar
	MHz	dBuV	dB	dBuV	dBuV	dB		
1*	0.218	39.82	10.61	50.43	62.89	-12.46	QP	L1
2*	0.354	38.62	10.57	49.19	58.87	-9.68	QP	L1
3*	0.582	38.58	10.57	49.15	56.00	-6.85	QP	L1
4*	0.878	37.38	10.64	48.02	56.00	-7.98	QP	L1
5*	1.366	33.35	10.80	44.15	56.00	-11.85	QP	L1
6*	9.754	29.16	11.02	40.18	60.00	-19.82	QP	L1
7*	0.218	26.56	10.61	37.17	52.89	-15.72	AV	L1
8*	0.298	24.45	10.58	35.03	50.30	-15.27	AV	L1
9*	0.522	24.74	10.57	35.31	46.00	-10.69	AV	L1
10*	0.698	23.99	10.57	34.56	46.00	-11.44	AV	L1
11*	1.034	22.06	10.70	32.76	46.00	-13.24	AV	L1
12*	9.970	17.09	11.02	28.11	50.00	-21.89	AV	L1



Project: LGT24L002	Test Engineer: LiuH
EUT: Hoteza Tablet	Temperature: 24.2°C
M/N: HTZ1108A	Humidity: 41%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-12-05
Test Mode: TX DH5 2402	
Note:	





3.2 RADIATED EMISSION MEASUREMENT

3.2.1 RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the Restricted band specified on Part15.205 (a)&209(a) limit in the table and according to ANSI C63.10-2013 below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (0.009MHz - 1000MHz)

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (1GHz-25 GHz)

FREQUENCY (MHz)	(dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

LIMITS OF RESTRICTED FREQUENCY BANDS

FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (GHz)
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			



For Radiated Emission

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/QP/AV
Start Frequency	9 KHz/150KHz (Peak/QP/AV)
Stop Frequency	150KHz/30MHz (Peak/QP/AV)
	200Hz (From 9kHz to 0.15MHz)/
RB / VB (emission in restricted band)	9KHz (From 0.15MHz to 30MHz);
	200Hz (From 9kHz to 0.15MHz)/
	9KHz (From 0.15MHz to 30MHz)

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/QP
Start Frequency	30 MHz (Peak/QP)
Stop Frequency	1000 MHz (Peak/QP)
RB / VB (emission in restricted band)	120 KHz / 300 KHz

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz (Peak/AV)
Stop Frequency	10th carrier hamonic (Peak/AV)
RB / VB (emission in restricted band)	1 MHz / 3 MHz(Peak)
	1 MHz/1/T MHz(AVG)

For Restricted band	
Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2310 to 2410 MHz
	Upper Band Edge: 2476 to 2500 MHz
	1 MHz / 3 MHz(Peak)
RB / VB	$A = A + \frac{1}{2} $

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

1 MHz/1/T MHz(AVG)



3.2.2 TEST PROCEDURE

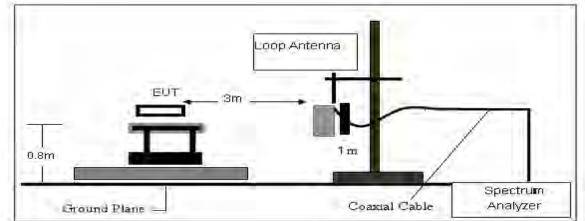
- a. The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- c. The height of the equipment shall be 0.8 m (above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and QuasiPeak detector mode will be re-measured.
- e. If the Peak Mode measured value is compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and no additional QP Mode measurement was performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos. Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

3.2.3 DEVIATION FROM TEST STANDARD No deviation.

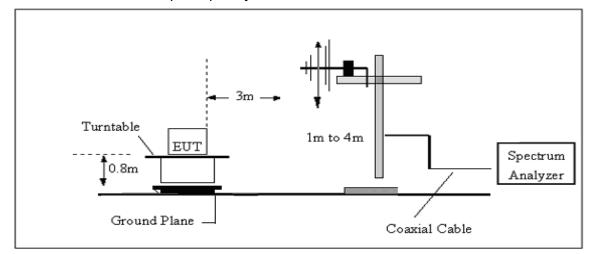


3.2.4 TESTSETUP

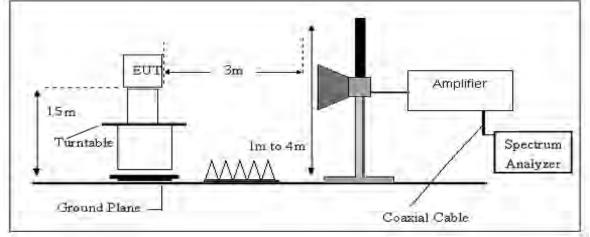


(A) Radiated Emission Test-Up Frequency Below 30MHz

(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



3.2.5 EUT OPERATING CONDITIONS Please refer to section 3.1.4 of this report.



3.2.6 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

For example

Frequency	FS	RA	AF	CL	AG	Factor
(MHz)	(dBµV/m)	(dBµV/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

Factor=AF+CL-AG



3.2.7 TEST RESULTS

Results of Radiated Emissions (9 KHz~30MHz)

No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Remark
1*	-	-	-	-	-	-	-	See Note

Note:

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and the permissible value has no need to be reported.

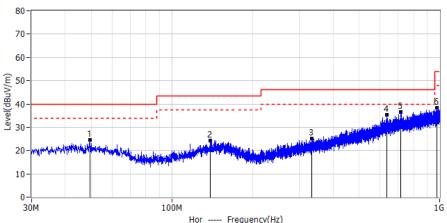
Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

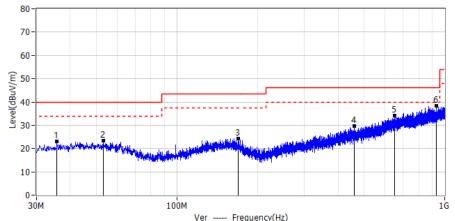


Results of Radiated Emissions (30MHz~1000MHz)

Project: LGT24L002	Test Engineer: LiuH
EUT: Hoteza Tablet	Temperature: 27°C
M/N: HTZ1108A	Humidity: 51%RH
Test Voltage: Battery	Test Data: 2024-12-11
Test Mode: TX DH5 2402	
Note:	



				Hor Frequency	Y(HZ)			
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	49.643	4.12	20.50	24.62	40.00	-15.38	QP	Hor
2*	138.883	3.29	20.91	24.20	43.50	-19.30	QP	Hor
3*	333.125	2.56	22.68	25.24	46.00	-20.76	QP	Hor
4*	635.159	6.02	29.32	35.34	46.00	-10.66	QP	Hor
5*	715.790	5.81	30.73	36.54	46.00	-9.46	QP	Hor
6*	973.689	4.65	33.69	38.34	54.00	-15.66	QP	Hor



				ver frequenc	(112)			
No.	Frequency	Reading	Factor	Level	Limit	Margin	Detector	Polar
INO.	· MHz dBuV dB/m dBuV/m dBuV/m	dB	Delector	Polai				
1*	35.699	3.21	19.76	22.97	40.00	-17.03	QP	Ver
2*	53.159	2.69	20.62	23.31	40.00	-16.69	QP	Ver
3*	169.438	3.50	20.84	24.34	43.50	-19.16	QP	Ver
4*	461.165	3.80	25.78	29.58	46.00	-16.42	QP	Ver
5*	650.558	4.64	29.49	34.13	46.00	-11.87	QP	Ver
6*	933.434	5.07	33.16	38.23	46.00	-7.77	QP	Ver



Results of Radiated Emissions (Above 1000MHz)

Frequency	Reading	Corrected	Result	Limits	Margin	Detector	Delerity.		
(MHz)	(dBµV)	Factor (dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector	Polarity		
Low Channel (2402 MHz)									
3264.90	55.85	-8.45	47.40	74.00	-26.60	PK	Vertical		
3264.90	46.67	-8.45	38.22	54.00	-15.78	AV	Vertical		
3264.83	55.64	-8.45	47.19	74.00	-26.81	PK	Horizontal		
3264.83	46.13	-8.45	37.68	54.00	-16.32	AV	Horizontal		
4804.44	54.12	-6.09	48.03	74.00	-25.97	PK	Vertical		
4804.44	44.49	-6.09	38.40	54.00	-15.60	AV	Vertical		
4804.37	55.08	-6.09	48.99	74.00	-25.01	PK	Horizontal		
4804.37	44.21	-6.09	38.12	54.00	-15.88	AV	Horizontal		
5359.88	56.77	-6.68	50.09	74.00	-23.91	PK	Vertical		
5359.88	47.73	-6.68	41.05	54.00	-12.95	AV	Vertical		
5359.71	57.58	-6.68	50.90	74.00	-23.10	PK	Horizontal		
5359.71	47.31	-6.68	40.63	54.00	-13.37	AV	Horizontal		
7205.76	60.82	-8.13	52.69	74.00	-21.31	PK	Vertical		
7205.76	50.25	-8.13	42.12	54.00	-11.88	AV	Vertical		
7205.79	60.11	-8.13	51.98	74.00	-22.02	PK	Horizontal		
7205.79	50.21	-8.13	42.08	54.00	-11.92	AV	Horizontal		
		Mi	ddle Channe	el (2441 MHz)					
3264.88	56.34	-8.45	47.89	74.00	-26.11	PK	Vertical		
3264.88	45.73	-8.45	37.28	54.00	-16.72	AV	Vertical		
3264.60	55.08	-8.45	46.63	74.00	-27.37	PK	Horizontal		
3264.60	45.29	-8.45	36.84	54.00	-17.16	AV	Horizontal		
4882.51	54.98	-6.09	48.89	74.00	-25.11	PK	Vertical		
4882.51	44.59	-6.09	38.50	54.00	-15.50	AV	Vertical		
4882.42	55.04	-6.09	48.95	74.00	-25.05	PK	Horizontal		
4882.42	44.17	-6.09	38.08	54.00	-15.92	AV	Horizontal		
5359.63	56.65	-6.68	49.97	74.00	-24.03	PK	Vertical		
5359.63	47.51	-6.68	40.83	54.00	-13.17	AV	Vertical		
5359.80	57.14	-6.68	50.46	74.00	-23.54	PK	Horizontal		
5359.80	47.23	-6.68	40.55	54.00	-13.45	AV	Horizontal		
7313.96	60.42	-8.13	52.29	74.00	-21.71	PK	Vertical		
7313.96	50.60	-8.13	42.47	54.00	-11.53	AV	Vertical		
7313.91	60.00	-8.13	51.87	74.00	-22.13	PK	Horizontal		
7313.91	50.47	-8.13	42.34	54.00	-11.66	AV	Horizontal		
		H	ligh Channe	l (2480 MHz)					
3264.75	55.92	-8.45	47.47	74.00	-26.53	PK	Vertical		



3264.75	45.82	-8.45	37.37	54.00	-16.63	AV	Vertical
3264.84	56.32	-8.45	47.87	74.00	-26.13	PK	Horizontal
3264.84	45.55	-8.45	37.10	54.00	-16.90	AV	Horizontal
4960.46	55.43	-6.09	49.34	74.00	-24.66	PK	Vertical
4960.46	44.72	-6.09	38.63	54.00	-15.37	AV	Vertical
4960.33	54.09	-6.09	48.00	74.00	-26.00	PK	Horizontal
4960.33	44.13	-6.09	38.04	54.00	-15.96	AV	Horizontal
5359.81	57.33	-6.68	50.65	74.00	-23.35	PK	Vertical
5359.81	47.65	-6.68	40.97	54.00	-13.03	AV	Vertical
5359.79	57.98	-6.68	51.30	74.00	-22.70	PK	Horizontal
5359.79	47.72	-6.68	41.04	54.00	-12.96	AV	Horizontal
7439.73	59.97	-8.13	51.84	74.00	-22.16	PK	Vertical
7439.73	50.24	-8.13	42.11	54.00	-11.89	AV	Vertical
7439.92	60.22	-8.13	52.09	74.00	-21.91	PK	Horizontal
7439.92	50.01	-8.13	41.88	54.00	-12.12	AV	Horizontal

Remark:

In frequency ranges 18~25GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are attenuated less than 20dB below the limit. No recording in the test report.



3.2.8 TEST RESULTS (BAND EDGE REQUIREMENTS)

Frequency	Reading	Corrected	Result	Limits	Margin	Detector	Polority		
(MHz)	(dBµV)	Factor (dB)	(dBµV/m)	(dBµV/m)	(dB)	Detector	Polarity		
GFSK									
2390.00	12.40	34.10	46.50	74.00	-27.50	PK	Vertical		
2390.00	1.62	34.10	35.72	54.00	-18.28	AV	Vertical		
2390.00	13.25	34.10	47.35	74.00	-26.65	PK	Horizontal		
2390.00	1.34	34.10	35.44	54.00	-18.56	AV	Horizontal		
2483.50	14.95	34.44	49.39	74.00	-24.61	PK	Vertical		
2483.50	1.63	34.44	36.07	54.00	-17.93	AV	Vertical		
2483.50	14.33	34.44	48.77	74.00	-25.23	PK	Horizontal		
2483.50	3.21	34.44	37.65	54.00	-16.35	AV	Horizontal		
			π/4-D0	QPSK					
2390.00	13.82	34.10	47.92	74.00	-26.08	PK	Vertical		
2390.00	1.41	34.10	35.51	54.00	-18.49	AV	Vertical		
2390.00	12.71	34.10	46.81	74.00	-27.19	PK	Horizontal		
2390.00	2.07	34.10	36.17	54.00	-17.83	AV	Horizontal		
2483.50	15.38	34.44	49.82	74.00	-24.18	PK	Vertical		
2483.50	3.07	34.44	37.51	54.00	-16.49	AV	Vertical		
2483.50	14.79	34.44	49.23	74.00	-24.77	PK	Horizontal		
2483.50	1.90	34.44	36.34	54.00	-17.66	AV	Horizontal		
			8DF	PSK					
2390.00	13.54	34.10	47.64	74.00	-26.36	PK	Vertical		
2390.00	1.40	34.10	35.50	54.00	-18.50	AV	Vertical		
2390.00	13.11	34.10	47.21	74.00	-26.79	PK	Horizontal		
2390.00	1.90	34.10	36.00	54.00	-18.00	AV	Horizontal		
2483.50	14.56	34.44	49.00	74.00	-25.00	PK	Vertical		
2483.50	1.79	34.44	36.23	54.00	-17.77	AV	Vertical		
2483.50	14.93	34.44	49.37	74.00	-24.63	PK	Horizontal		
2483.50	2.28	34.44	36.72	54.00	-17.28	AV	Horizontal		
Low measur	rement frequ	iencies is ran	ge from 2310) to 2404 MH	z, high mea	surement fre	quencies is		
range from 2	2478 to 250) MHz.							



4. CONDUCTED SPURIOUS & BAND EDGE EMISSION

4.1 LIMIT

According to FCC section 15.247(d), in any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

4.2 TEST PROCEDURE

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	30 MHz to 10th carrier harmonic
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

For Band edge

Spectrum Parameter	Setting		
Detector	Peak		
	Lower Band Edge: 2300 – 2407 MHz		
Start/Stop Frequency	Upper Band Edge: 2475 – 2500 MHz		
RB / VB (emission in restricted band)	100 KHz/300 KHz		
Trace-Mode:	Max hold		

For Hopping Band edge

Spectrum Parameter	Setting		
Detector	Peak		
	Lower Band Edge: 2300– 2403 MHz		
Start/Stop Frequency	Upper Band Edge: 2479 – 2500 MHz		
RB / VB (emission in restricted band)	100 KHz/300 KHz		
Trace-Mode:	Max hold		





The EUT is connected to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 500hm; the path loss as the factor is calibrated to correct the reading. Tune the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, the span is set to be greater than RBW.

4.4 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

4.5 TEST RESULTS

For the measurement records, refer to the appendix I.

Note: Not recorded emission from 9 KHz to 30 MHz as emission level at least 20dBc lower than emission limit.



5. NUMBER OF HOPPING CHANNEL

5.1 LIMIT

FCC Part 15.247, Subpart C								
Section	Test Item	Limit	FrequencyRange (MHz)	Result				
15.247 (a)(1)(iii)	Number of Hopping Channel	≥15	2400-2483.5	PASS				

Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> Operating FrequencyRange
RB	300KHz
VB	300KHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW= 300KHz, VBW=300KHz, Sweep time = Auto.

5.3 TEST SETUP



5.4 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

5.5 TEST RESULTS



6. AVERAGE TIME OF OCCUPANCY

6.1 LIMIT

FCC Part 15.247, Subpart C				
Section	Test Item	Limit	FrequencyRange (MHz)	Result
15.247 (a)(1)(iii)	Average Time of Occupancy	0.4sec	2400-2483.5	PASS

6.2 TEST PROCEDURE

- a. The transmitter output (antenna port) was connected to the spectrum analyzer.
- b. Set RBW =1MHz/VBW =3MHz.
- c. Use a video trigger with the trigger level set to enable triggering only on full pulses.
- d. Sweep Time is more than once pulse time.
- Set the center frequency on any frequency would be measure and set the frequency span to e. zero span.
- f. Measure the maximum time duration of one single pulse.
- g. Set the EUT for DH5, DH3 and DH1 packet transmitting.
- \check{h} . Measure the maximum time duration of one single pulse.
- i. DH5 Packet permit maximum 1600/ 79 / 6 = 3.37 hops per second in each channel (5 time slots RX, 1 time slot TX). So the number of pulses in the observation period of 31.6 seconds is 3.37 x 31.6 = 106.6.
- j. DH3 Packet permit maximum 1600 / 79 / 4 = 5.06 hops per second in each channel (3 time slots RX, 1 time slot TX). So the number of pulses in the observation period of 31.6 seconds is 5.06 x 31.6 = 160.
- k. DH1 Packet permit maximum 1600 / 79 / 2 = 10.12 hops per second in each channel (1 time slot RX, 1 time slot TX). So the number of pulses in the observation period of 31.6 seconds is 10.12 x 31.6 = 320.

6.3 TEST SETUP



6.4 EUT OPERATION CONDITIONS Please refer to section 3.1.4 of this report.

6.5 TEST RESULTS



7. HOPPING CHANNEL SEPARATION MEASUREMEN

7.1 LIMIT

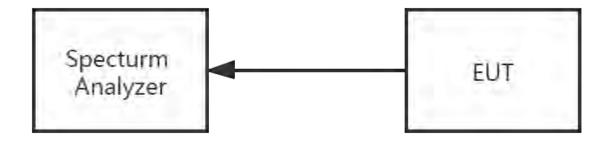
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> 20 dB Bandwidth or Channel Separation
RB	30 kHz (20dB Bandwidth) / 30 kHz (Channel Separation)
VB 100 kHz (20dB Bandwidth) / 100 kHz (Channel Sepa	
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

7.2 TEST PROCEDURE

- a. The transmitter output (antenna port) was connected to the spectrum analyser in peak hold mode.
- b. The resolution bandwidth of 30 kHz and the video bandwidth of 100 kHz were utilised for 20 dB bandwidth measurement.
- c. The resolution bandwidth of 30 kHz and the video bandwidth of 100 kHz were utilised for channel separation measurement.

7.3 TEST SETUP



7.4 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.5 TEST RESULTS



8. BANDWIDTH TEST

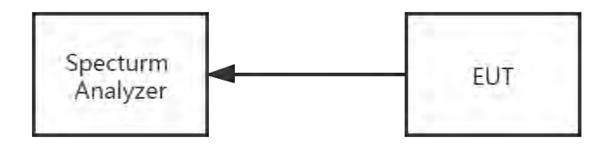
8.1 LIMIT

FCC Part15 15.247, Subpart C				
Section	Test Item	Limit	FrequencyRange (MHz)	Result
15.247 (a)(1)	Bandwidth	N/A	2400-2483.5	PASS

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	> Measurement Bandwidth or Channel Separation
RB	30 kHz (20dB Bandwidth) / 30 kHz (Channel Separation)
VB	100 kHz (20dB Bandwidth) / 100 kHz (Channel Separation)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

8.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW= 30KHz, VBW=100KHz, Sweep time = Auto.
- 8.3 TEST SETUP



8.4 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

8.5 TEST RESULTS



9. OUTPUT POWER TEST

9.1 LIMIT

FCC Part 15.247, Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
		1 W or 0.125W		
15.247 (a)(1)&(b)(1)	Output Power	if channel separation > 2/3 bandwidthprovided thesystems operatewith an output power no greater than125 mW(20.97dBm)	2400-2483.5	PASS

9.2 TEST PROCEDURE

This is an RF-conducted test to evaluate maximum peak output power. Use a direct connection between the antenna port of the unlicensed wireless device and the spectrum analyzer, through suitable attenuation. The hopping shall be disabled for this test:

a) Use the following spectrum analyzer settings:

1) Span: Approximately five times the 20 dB bandwidth, centered on a hopping channel.

2) RBW > 20 dB bandwidth of the emission being measured.

3) VBW ≥ RBW.

4) Sweep: Auto.

5) Detector function: Peak.

6) Trace: Max hold.

b) Allow trace to stabilize.

c) Use the marker-to-peak function to set the marker to the peak of the emission.

d) The indicated level is the peak output power, after any corrections for external attenuators and cables.

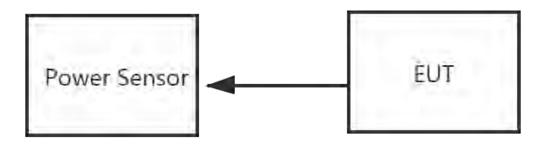
e) A plot of the test results and setup description shall be included in the test report.

NOTE—A peak responding power meter may be used, where the power meter and sensor system video bandwidth is greater than the occupied bandwidth of the unlicensed wireless device, rather than a spectrum analyzer.

PKPM1 Peak power meter method:

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DSS bandwidth and shall use a fast-responding diode detector.

9.3 TEST SETUP



9.4 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

9.5 TEST RESULTS



10. ANTENNA REQUIREMENT

10.1 STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 15.203: 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.

10.2 EUT ANTENNA

The EUT antenna is FPC Antenna. It comply with the standard requirement.



APPENDIX I - TEST RESULTS

Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	76.8	1.15	0.35
NVNT	1-DH5	2441	76.8	1.15	0.35
NVNT	1-DH5	2480	76.8	1.15	0.35
NVNT	2-DH5	2402	76.91	1.14	0.35
NVNT	2-DH5	2441	76.91	1.14	0.35
NVNT	2-DH5	2480	76.91	1.14	0.35
NVNT	3-DH5	2402	76.96	1.14	0.35
NVNT	3-DH5	2441	76.96	1.14	0.35
NVNT	3-DH5	2480	76.96	1.14	0.35















Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH5	2402	0.82	21	Pass
NVNT	1-DH5	2441	1.58	21	Pass
NVNT	1-DH5	2480	0.26	21	Pass
NVNT	2-DH5	2402	0.2	21	Pass
NVNT	2-DH5	2441	0.97	21	Pass
NVNT	2-DH5	2480	-0.34	21	Pass
NVNT	3-DH5	2402	0.23	21	Pass
NVNT	3-DH5	2441	1	21	Pass
NVNT	3-DH5	2480	-0.35	21	Pass



-20dB Bandwidth

Condition	Mode	Frequency (MHz)	-20 dB Bandwidth (MHz)	Verdict
NVNT	1-DH5	2402	0.843	Pass
NVNT	1-DH5	2441	0.814	Pass
NVNT	1-DH5	2480	0.832	Pass
NVNT	2-DH5	2402	1.271	Pass
NVNT	2-DH5	2441	1.276	Pass
NVNT	2-DH5	2480	1.276	Pass
NVNT	3-DH5	2402	1.273	Pass
NVNT	3-DH5	2441	1.282	Pass
NVNT	3-DH5	2480	1.252	Pass















Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	1-DH5	2402	0.753
NVNT	1-DH5	2441	0.765
NVNT	1-DH5	2480	0.753
NVNT	2-DH5	2402	1.167
NVNT	2-DH5	2441	1.166
NVNT	2-DH5	2480	1.171
NVNT	3-DH5	2402	1.159
NVNT	3-DH5	2441	1.17
NVNT	3-DH5	2480	1.173















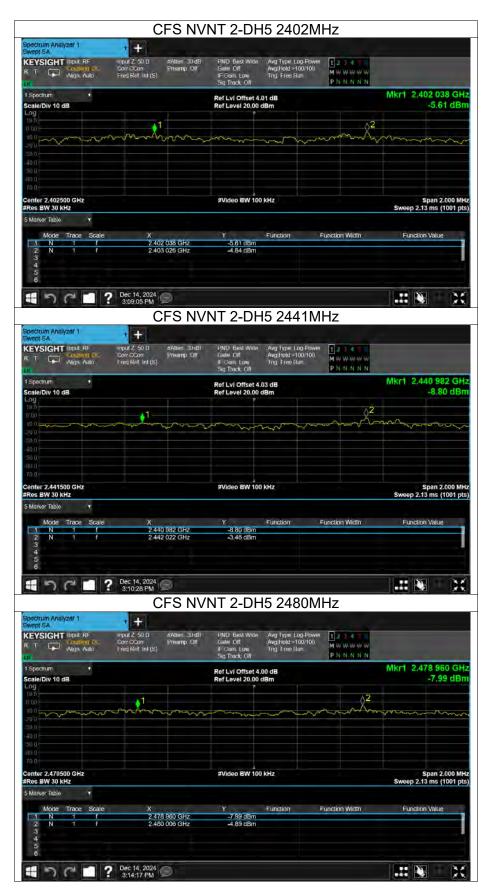
Carrier Frequencies Separation

Condition	Mode	Hopping Freq1 (MHz)	Hopping Freq2 (MHz)	HFS (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2401.99	2402.99	1	0.562	Pass
NVNT	1-DH5	2440.992	2442.01	1.018	0.543	Pass
NVNT	1-DH5	2479	2479.97	0.97	0.555	Pass
NVNT	2-DH5	2402.038	2403.026	0.988	0.847	Pass
NVNT	2-DH5	2440.982	2442.022	1.04	0.851	Pass
NVNT	2-DH5	2478.96	2480.006	1.046	0.851	Pass
NVNT	3-DH5	2402.044	2402.904	0.86	0.849	Pass
NVNT	3-DH5	2440.988	2442.022	1.034	0.855	Pass
NVNT	3-DH5	2479.016	2479.906	0.89	0.835	Pass

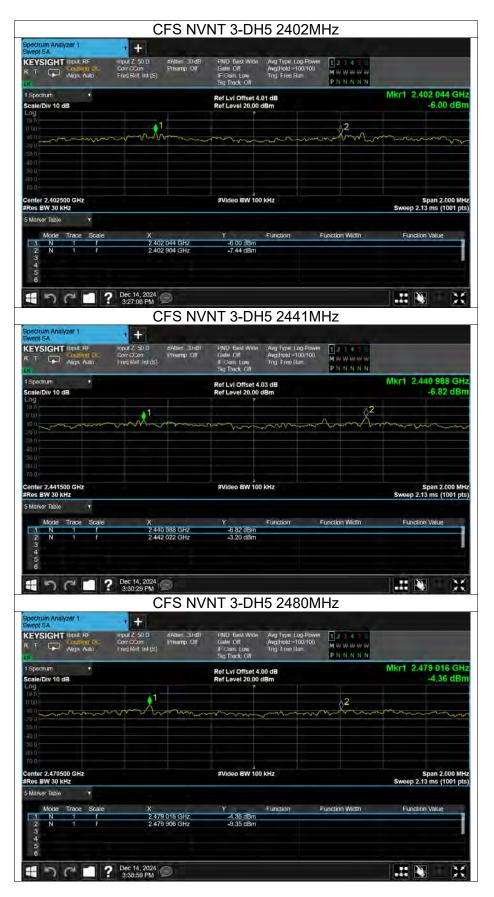














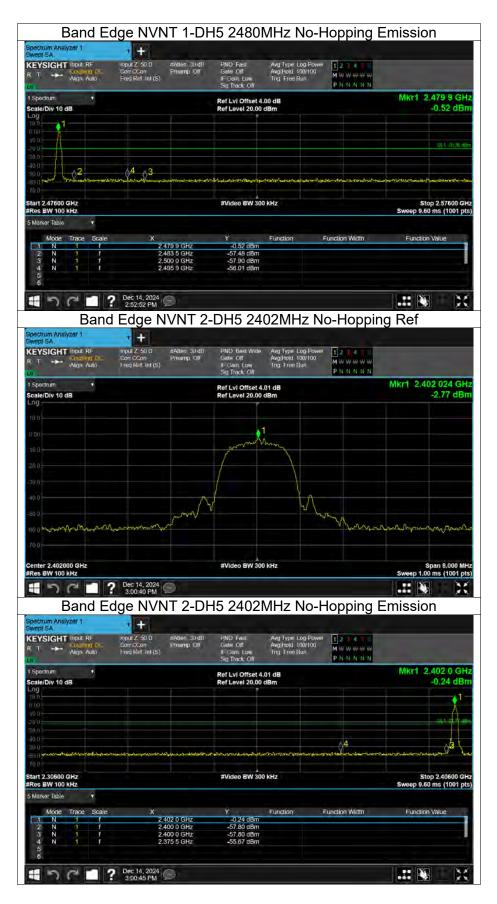
Band Edge

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	No-Hopping	-56.24	-20	Pass
NVNT	1-DH5	2480	No-Hopping	-55.66	-20	Pass
NVNT	2-DH5	2402	No-Hopping	-52.9	-20	Pass
NVNT	2-DH5	2480	No-Hopping	-53.72	-20	Pass
NVNT	3-DH5	2402	No-Hopping	-55.35	-20	Pass
NVNT	3-DH5	2480	No-Hopping	-55.14	-20	Pass

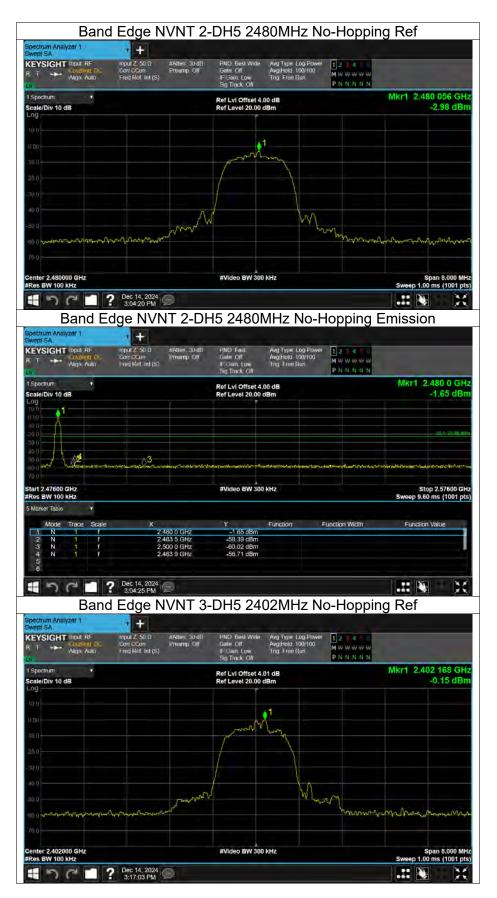




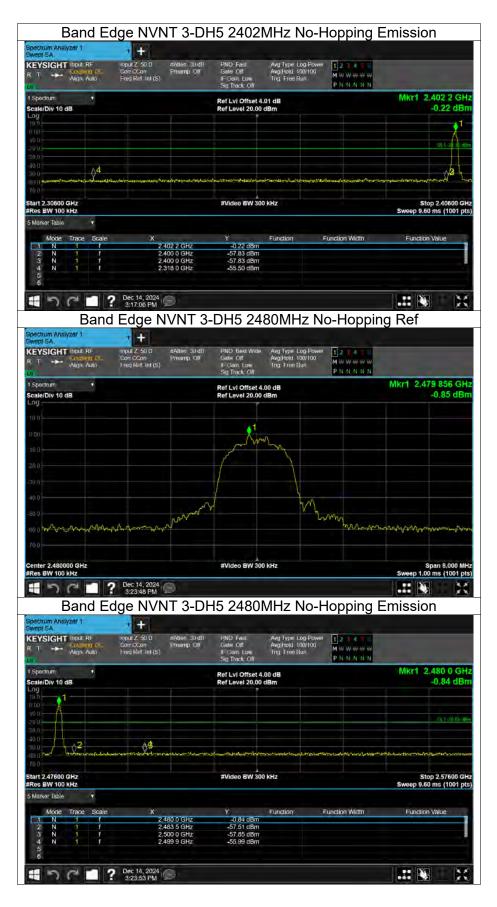














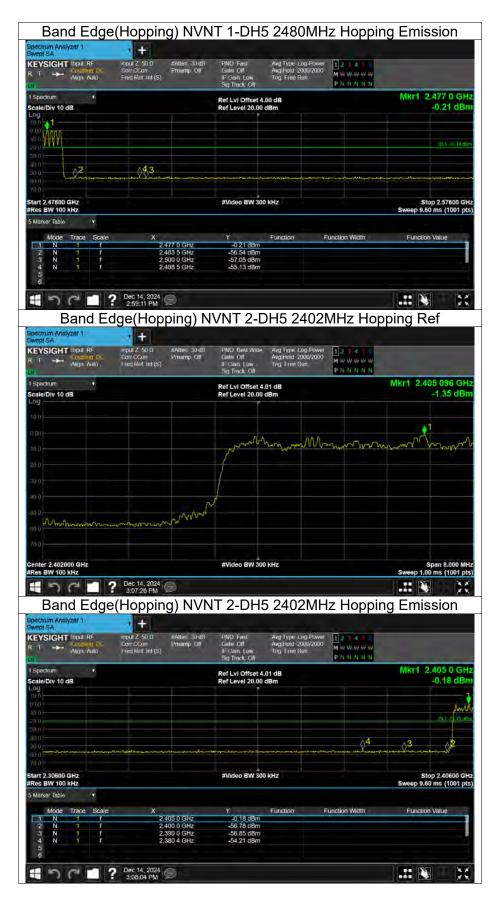
Band Edge(Hopping)

Condition	Mode	Frequency (MHz)	Hopping Mode	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	Hopping	-55.15	-20	Pass
NVNT	1-DH5	2480	Hopping	-54.99	-20	Pass
NVNT	2-DH5	2402	Hopping	-52.85	-20	Pass
NVNT	2-DH5	2480	Hopping	-53.71	-20	Pass
NVNT	3-DH5	2402	Hopping	-53.51	-20	Pass
NVNT	3-DH5	2480	Hopping	-54.39	-20	Pass

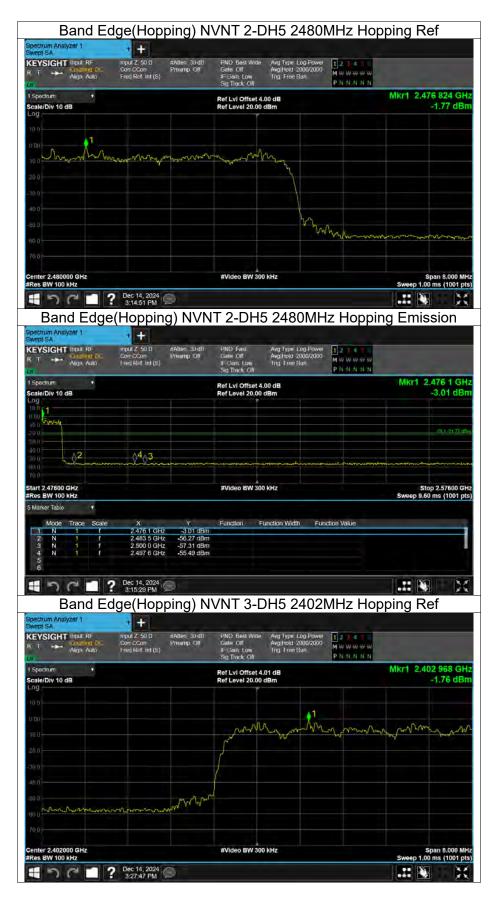




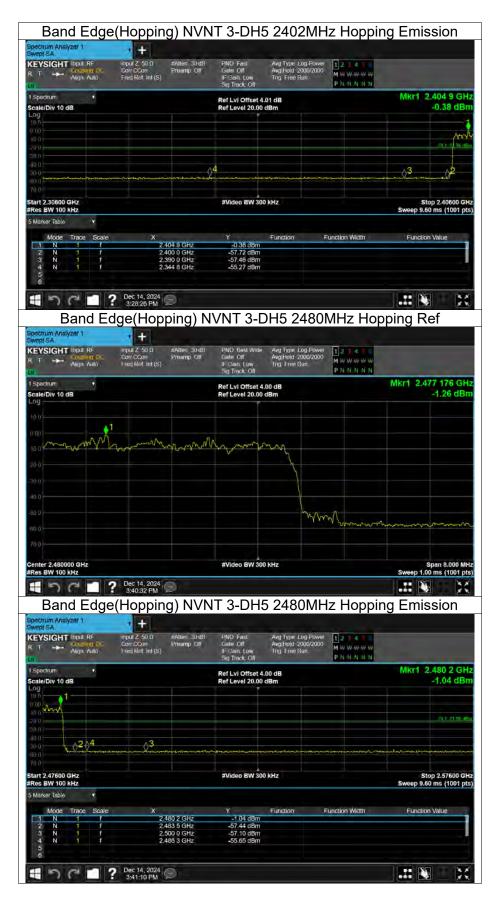










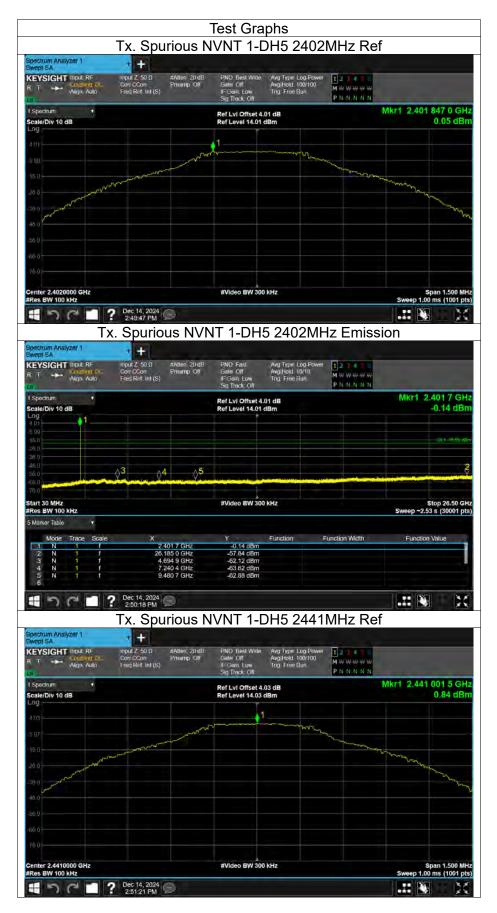




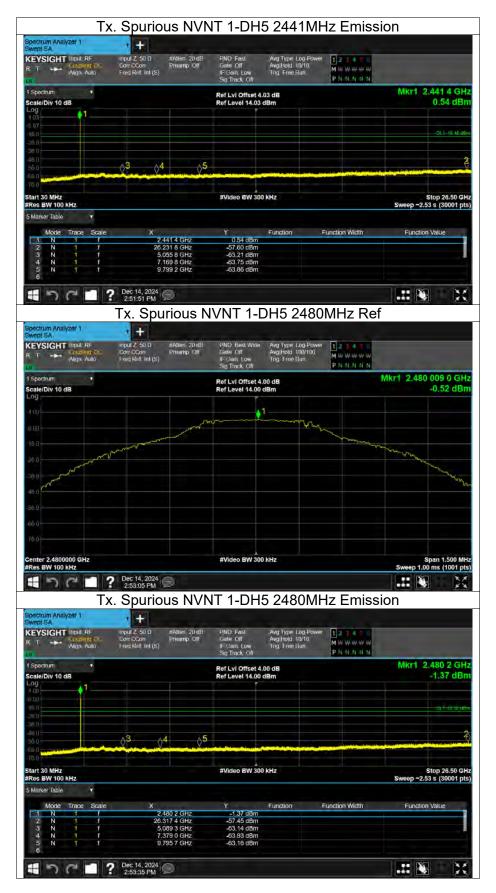
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH5	2402	-57.88	-20	Pass
NVNT	1-DH5	2441	-58.43	-20	Pass
NVNT	1-DH5	2480	-56.93	-20	Pass
NVNT	2-DH5	2402	-56.1	-20	Pass
NVNT	2-DH5	2441	-57.67	-20	Pass
NVNT	2-DH5	2480	-56.23	-20	Pass
NVNT	3-DH5	2402	-57.32	-20	Pass
NVNT	3-DH5	2441	-57.98	-20	Pass
NVNT	3-DH5	2480	-55.95	-20	Pass





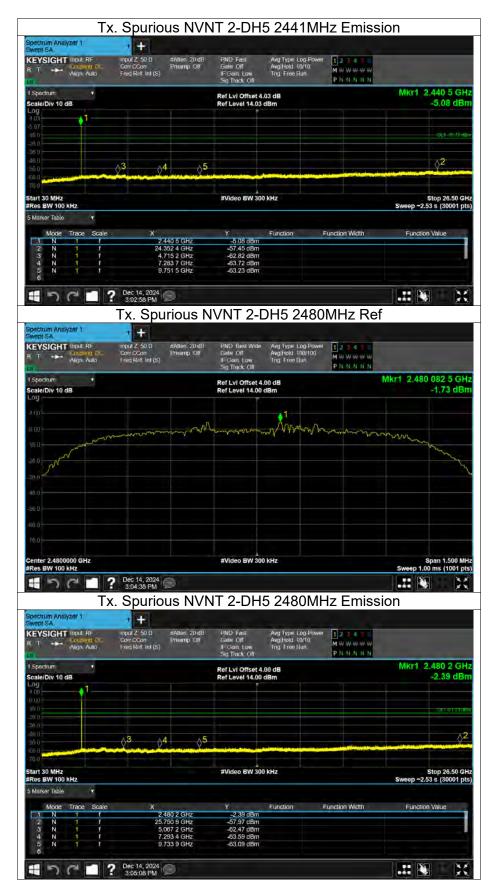








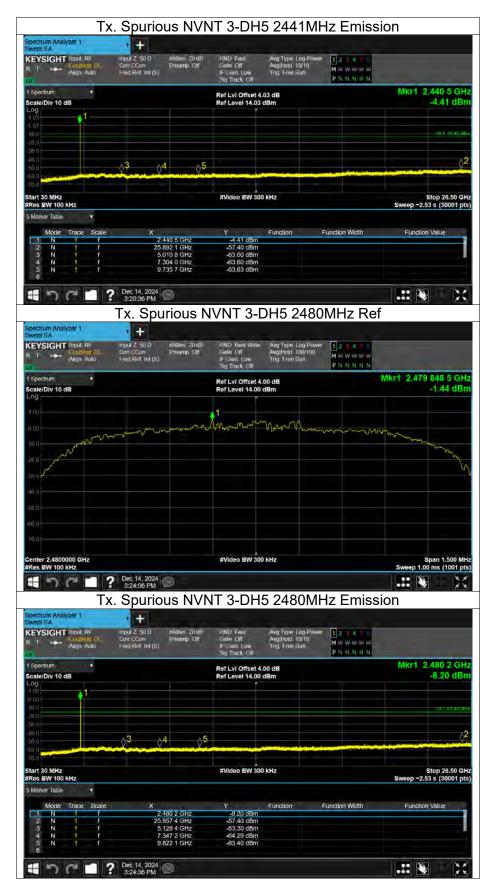














Number of Hopping Channel

Condition	Mode	Hopping Number	Limit	Verdict
NVNT	1-DH5	79	15	Pass
NVNT	2-DH5	79	15	Pass
NVNT	3-DH5	79	15	Pass







Dwell Time

Condition	Mode	Frequency (MHz)	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH5	2441	2.879	279.263	97	31600	400	Pass
NVNT	2-DH5	2441	2.881	305.386	106	31600	400	Pass
NVNT	3-DH5	2441	2.884	294.168	102	31600	400	Pass











APPENDIX II - MEASUREMENT PHOTOS

Note: Please see the attached RF_Test Setup photos for FCC ID & IC.



APPENDIX III - PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS

Note: Please see LGT24L002EM03_APPENDIX II.
