

# **FCC** Radio Test Report

# FCC ID: PU5-TP00118A

Report No. Equipment Model Name Brand Name Applicant Address	<ul> <li>BTL-FCCP-4-2010T022</li> <li>Notebook Computer / Tablet PC</li> <li>TP00118A, TP00118A* (The "*" can be 0-9 \ A-Z \ a-z \' - ` \ or Blank, for market use only)</li> <li>Lenovo</li> <li>Wistron Corporation</li> <li>21F., No. 88, Sec. 1, HsinTai 5th Rd., Hsichih Dist, New Taipei City 221, Taiwan</li> </ul>
Radio Function	: LTE Band 26
FCC Rule Part(s)	<ul> <li>47 CFR FCC Part 90 Subpart S</li> <li>ANSI C63.26-2015</li></ul>
Measurement	ANSI/TIA-603-E-2016
Procedure(s)	FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
Date of Receipt	: 2020/10/8
Date of Test	: 2020/10/8 ~ 2020/11/18
Issued Date	: 2020/12/9

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

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#### Declaration

**BTL** represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

**BTL**'s reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

**BTL**'s laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

**BTL** is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

#### Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.



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### **REPORT ISSUED HISTORY**

	REPORT ISSUED HISTORY	
Report Version	Description	Issued Date
R00	Original Issue.	2020/12/9



## 1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

FCC Clause No	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	
2.1053 90.669	Radiated Spurious Emissions	APPENDIX B	Pass	

NOTE:

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

(2) The report format version is TP.1.1.1.

(3) The spot check test channels were verified based on the worst channel results reported in the original FCC ID (ZMOL850GL) filing test report. Since the RF module has been certificated, after evaluation, above test items were criticized and reconfirmed in this report.

(4) After spot check, this revision does not change original radio parameters.



#### 1.1 TEST FACILITY

The test facilities used to collect the test data in this report:

No. 68	8-1, Ln. 1	69, Sec. 2, D	atong Rd.	, Xizhi Dist., Ne	v Taipei City 221,	Taiwan	
The te	est sites a	and facilities a	are covere	d under FCC RI	I: 674415 and DI	N: TW0659	
$\boxtimes$	C05		CB08		511 🛛	CB15	CB16

#### 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $\mathbf{y} \pm \mathbf{U}$ , where expanded uncertainty  $\mathbf{U}$  is based on a standard uncertainty multiplied by a coverage factor of  $\mathbf{k} = 2$ , providing a level of confidence of approximately **95** %. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U<sub>cispr</sub> requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C05	CISPR	150 kHz ~ 30MHz	3.44

#### B. Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
CB15	1 GHz ~ 6 GHz	5.21
CB15	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

NOTE:

Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

#### 1.3 TEST ENVIRONMENT CONDITIONS

Test Item	<b>Environment Condition</b>	Test Voltage	Tested by
AC Power Line Conducted Emissions	24 °C, 64 %	AC 120V	Nero Hsieh
Radiated Spurious Emissions	Refer to data	AC 120V	John Chuang



## 2 GENERAL INFORMATION

#### 2.1 DESCRIPTION OF EUT

Equipment	Notebook Computer	/ Tablet PC				
Model Name		TP00118A, TP00118A* (The "*" can be 0-9 · A-Z · a-z · ' - ' · or Blank, for				
Model Name	market use only)	market use only)				
Brand Name	Lenovo					
Model Difference	Different model distri	ibute to different area.				
Power Source	DC voltage supplied	from External Power Supply.	(Lenovo/ADLX65YDC3D)			
Dowor Poting	I/P: 100-240V~1.8A	50-60Hz				
Power Rating	O/P: 20.0V3.25A	O/P: 20.0V3.25A 65.0W / 15.0V3.0A / 9.0V2.0A / 5.0V2.0A 10.0W				
Products Covered	1 * Keyboard	1 * Keyboard				
	1 * Adapter: Lenovo/	ADLX65YDC3D				
WIFI+BT Module	Intel® Wi-Fi 6 AX20	1 / AX201D2W				
WWAN Module	Fibocom / L850-GL					
NFC Module	FOXCONN / T77H74	47				
Operation Frequency	Band	UL Frequency (MHz)	DL Frequency (MHz)			
Operation Frequency	LTE 26	LTE 26 814 ~ 849 859 ~ 894				
Test Model	TP00118A					
Sample Status	Engineering Sample					
EUT Modification(s)	N/A					

#### NOTE:

(1) For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

#### (2) Table for Filed Antenna:

Antenna	Manufacture	P/N	Туре	Connector	Gain (dBi)	Note
Main	Wistron Neweb Corporation	025.901QB.0001	PIFA	I-PEX	-3.65	LTE Band 26
Aux	Wistron Neweb Corporation	025.901QC.0001	PIFA	I-PEX	-	RX only

#### 2.2 TEST MODES

Test Items	Band	Test Mode	Note
AC Power Line Conducted Emissions	-	Normal/Idle	-
Radiated Spurious Emissions	LTE Band 26	TX Mode (CH 26765)	-

NOTE:

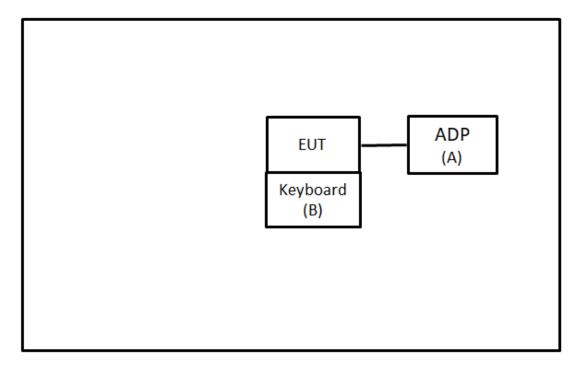
(1) The Radiated emissions test was verified based on the worst conducted power and Bandwidth test results reported in the original report.

(2) All X, Y, Z and Stand axes are evaluated, but only the worst case (Stand axis) is recorded.



#### 2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.



#### 2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
А	ADP	Lenovo	PA5352E-1AC3	N/A	Supplied by test requester.
В	Keyboard	N/A	ThinkPad-1	N/A	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
-	-	-	-	-	-



## 3 AC POWER LINE CONDUCTED EMISSIONS TEST

#### 3.1 LIMIT

Frequency	Limit (	dBµV)
(MHz)	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 5.0	56	46
5.0 - 30.0	60	50

#### 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.
- (3) The test result calculated as following: Measurement Value = Reading Level + Correct Factor Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use) Margin Level = Measurement Value – Limit Value Calculation example:

Reading Level	Correct Factor		Measurement Value
38.22 +	3.45 =	=	41.67

Measurement Value		Limit Value		Margin Level
41.67	-	60	Π	-18.33

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

#### 3.2 TEST PROCEDURE

a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).

The LISN provides 50 Ohm/50uH of 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 to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable will be terminated, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item EUT TEST PHOTO.

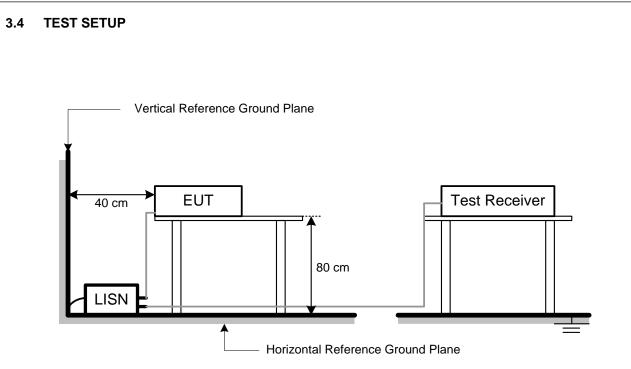
#### NOTE:

- In the results, each reading is marked as Peak, QP or AVG per the detector used. BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

#### 3.3 DEVIATION FROM TEST STANDARD

No deviation.





### 3.5 TEST RESULT

Please refer to the APPENDIX A.



### 4 RADIATED SPURIOUS EMISSIONS MEASUREMENT

#### 4.1 LIMIT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P) dB$ . The emission limit equal to -13dBm.

NOTE:

- (1) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.
- (2) The test result calculated as following:
  - Measurement Value = Reading Level + Correct Factor
  - Correct Factor = Antenna Factor + Cable Loss Amplifier Gain(if use) Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level		Correct Factor		Measurement Value
-50.43	+	-2.11	Π	-52.54

Measurement Value		Limit Value		Margin Level
-52.54	-	-13	=	-39.54

#### 4.2 TEST PROCEDURE

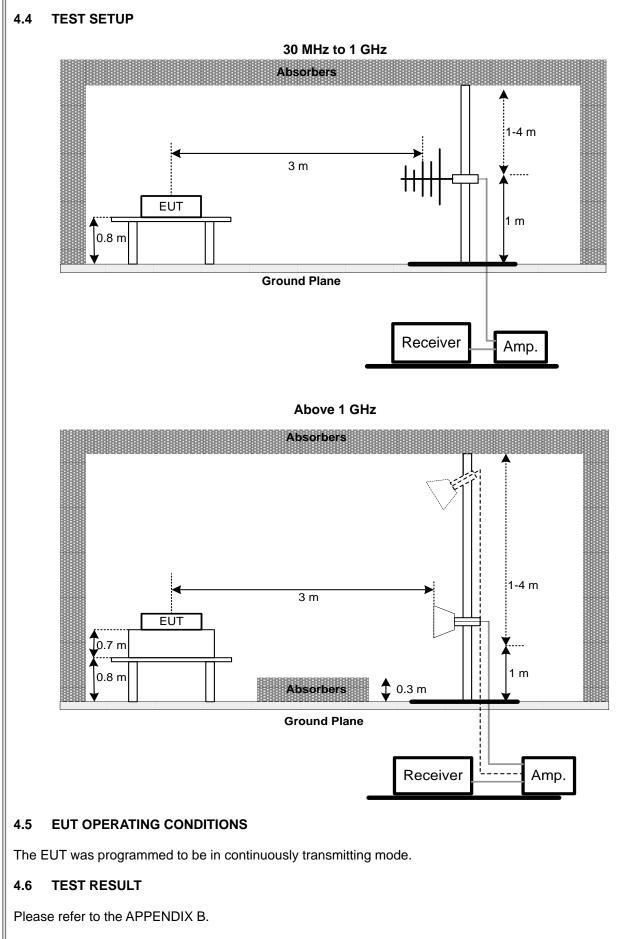
The testing follows FCC KDB 971168 v03r01 Section 6.2.

- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to "Read Value" of step a. Record the power level of S.G
- c. EIRP = Output power level of S.G TX cable loss + Antenna gain of substitution horn.
- d. ERP can be calculated form EIRP by subtracting the gain of dipole, ERP = EIPR 2.15dBi..
- e. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

#### 4.3 DEVIATION FROM TEST STANDARD

No deviation.







## 5 LIST OF MEASURING EQUIPMENTS

		AC Pow	er Line Conducted	d Emissions		
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101050	2020/6/11	2021/6/10
2	Test Cable	EMCI	EMC400-BM-BM- 5000	170501	2020/6/8	2021/6/7
3	EMI Test Receiver	R&S	ESR7	101433	2019/12/13	2020/12/12
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

			Radiated Emission	ons		
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC001340	980555	2020/4/10	2021/4/9
2	Preamplifier	EMCI	EMC02325B	980217	2020/4/10	2021/4/9
3	Preamplifier	EMCI	EMC012645B	980267	2020/4/10	2021/4/9
4	Test Cable	EMCI	EMC-SM-SM-100 0	180809	2020/4/10	2021/4/9
5	Test Cable	EMCI	EMC104-SM-SM- 3000	151205	2020/4/10	2021/4/9
6	Test Cable	EMCI	EMC-SM-SM-700 0	180408	2020/4/10	2021/4/9
7	MXE EMI Receiver	Agilent	N9038A	MY554200087	2020/6/10	2021/6/9
8	Signal Analyzer	Agilent	N9010A	MY56480554	2020/8/25	2021/8/24
9	Loop Ant	EMCO	6502	274	2020/6/16	2021/6/15
10	Horn Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	2020/6/12	2021/6/11
11	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	VULB 9168-352	2020/7/24	2021/7/23
12	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0625	2020/7/24	2021/7/23
13	Radio Communication Analyzer (LTE)	Anritsu	MT8820C	6201525878	2020/6/3	2021/6/2
14	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Remark: "N/A" denotes no model name, no serial no. or no calibration specified. All calibration period of equipment list is one year.



# 6 EUT TEST PHOTO

Please refer to document Appendix No.: TP-2010T022-1 (APPENDIX-TEST PHOTOS).

# 7 EUT PHOTOS

Please refer to document Appendix No.: EP-2010T022-1 (APPENDIX-EUT PHOTOS).



# APPENDIX A AC POWER LINE CONDUCTED EMISSIONS



est Mo	ode		Norma								Те	sted Da	ite	2020/10	/27
est Fre	eque	ncy	-								Pł	ase		Line	
	0 dB	u∀													
90															
80															
70															
60	1														
50	×	3		_											
40	2 X	×	5 X										11		
30		4 ×	^						7 X		9		¥2 ×		
20			8 8						8 X		ň ×				
10									^						
0.0															
0	.150				0.5			(MHz)		5				30.000	
No. M	k.	Freq.	Read Leve		Corr Fac		Measure- ment	Limit	Over						
		MHz	dBuʻ		dE		dBu∨	dBu∨	dB	Detect	tor (	Comment			
1 *		.1657	43.0		9.6		52.76	65.17	-12.41	QP					
2		.1657	27.1		9.6		36.86	55.17	-18.31	AVG	>				
3		.2197	33.3		9.6		42.98	62.83	-19.85	QP					
4		.2197	21.3		9.6		31.05	52.83	-21.78	AVG	÷				
5		.3277	25.7		9.6		35.40	59.51	-24.11	QP					
6		.3277	11.7		9.6		21.46	49.51	-28.05	AVG	>				
7		.7747	18.1		9.7		27.92	56.00	-28.08	QP					
8		.7747	4.1		9.7		13.93	46.00	-32.07	AVG	è				
9		.4940	17.0		9.8		26.92	60.00	-33.08	QP					
10		.4940	11.7		9.8		21.60	50.00	-28.40	AVG	è				
11		.5705	24.9		9.9		34.85	60.00	-25.15	QP					
12	4.0	.5705	19.9	-	9.9	_	29.88	50.00	-20.12	AVG					

Measurement Value = Reading Level + Correct Factor.
 Margin Level = Measurement Value - Limit Value.



		<b>.</b>								
Test Mo		Normal						Tested Date	•	2020/10/27
est Fre	equency	-						Phase		Neutral
100.	0 dBuV									
90										
80										
70										
60										
50	X 3 X									
40	2 X	5 X						9	11 Ť2	
30	4 ×	6 X	7 X					× 10 ×	12 X	
20 10			8 ×							
0.0										
	.150	(	).5		(MHz)		5			30.000
		Reading	Correct	Measure-						
No. M		Level	Factor	ment	Limit	Over				
1 *	MHz	dBuV	dB	dBuV	dBuV	dB		Comment		
	0.1658		9.68	51.00	65.17	-14.17	QP AVG			
2			9.68	34.35	55.17	-20.82				
3	0.1997		9.67	43.41	63.62	-20.21	QP			
4	0.1997	15.31	9.67	24.98	53.62	-28.64	AVG			
5	0.2917		9.69	37.24	60.48	-23.24	QP			
6	0.2917		9.69	26.46	50.48	-24.02	AVG			
7	0.5482		9.68	23.34	56.00	-32.66	QP			
8	0.5482		9.68	11.32	46.00	-34.68	AVG			
9	7.3230	18.87	9.87	28.74	60.00	-31.26	QP			
10	7.3230	12.78	9.87	22.65	50.00	-27.35	AVG			

16.5795

16.5795

11

12

Measurement Value = Reading Level + Correct Factor.
 Margin Level = Measurement Value - Limit Value.

9.95

9.95

32.43

27.35

60.00

50.00

-27.57

-22.65

QΡ

AVG

22.48

17.40

# **3**TL

(		1.0.							0000/40/07
est Mo		Idle						Tested Date	2020/10/27
est Fre	quency	-						Phase	Line
100.0 [	) dBuV								
90									
80									
70									
60									
50	x								
40	2 X	3 × 5 × ×							9 Ťo
30		4 ^ X					7 X		10 X 11
20		6 ×					8 X		11 12 X
10									
0.0									
0.1	150		).5		(MHz)		5		30.000
No. Mk	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
	MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment	
1 *	0.1703	41.34	9.68	51.02	64.95	-13.93	QP		
2	0.1703	25.94	9.68	35.62	54.95	-19.33	AVG		
3	0.2985		9.69	37.50	60.28	-22.78	QP		
4	0.2985		9.69	27.76	50.28	-22.52	AVG		
5	0.4267	23.65	9.68	33.33	57.32	-23.99 -30.36	QP		
6	4.6500	7.28 17.59	9.68 9.81	16.96 27.40	47.32 56.00	-30.36	AVG QP		
/	4.6500		9.81	18.69	46.00	-28.60	AVG		
0			9.81	10.09	40.00	-21.31	AVG		
8				24.44	60.00	25 50			
8 9 10	4.6500 17.0363 17.0363	24.46	9.95	34.41 29.39	60.00 50.00	-25.59 -20.61	QP AVG		

#### REMARKS:

24.8595

12

Measurement Value = Reading Level + Correct Factor.
 Margin Level = Measurement Value - Limit Value.

9.94

15.61

50.00

-34.39 AVG

5.67

# **JIE**

est Frequency -		
	Phase	Neutral
100.0 dBuV		
90		
80		
70		
60		
50 X		
40 <u>3</u> <u></u>		
30 × × · · · · · · · · · · · · · · · · ·	9 X X 12 10 X	2
20		
10		
0.0 0.150 0.5 (MHz) 5	5	30.000
Reading Correct Measure-	5	50.000
lo. Mk. Freq. Level Factor ment Limit Over		
MHz dBu∀ dB dBu∀ dBu∀ dB Det	tector Comment	
1 * 0.1522 38.38 9.68 48.06 65.88 -17.82 QI	ιP	
2 0.1522 19.69 9.68 29.37 55.88 -26.51 AV	VG	
3 0.2562 26.48 9.68 36.16 61.55 -25.39 QI	ιP	
4 0.2562 13.96 9.68 23.64 51.55 -27.91 AV	VG	
5 0.3997 23.40 9.68 33.08 57.86 -24.78 QI	ιP	
6 0.3997 15.21 9.68 24.89 47.86 -22.97 A	VG	
7 3.4440 16.77 9.77 26.54 56.00 -29.46 QI	ιP	
8 3.4440 7.85 9.77 17.62 46.00 -28.38 AV	VG	
9 7.4648 20.43 9.87 30.30 60.00 -29.70 Q	ιP	

#### **REMARKS**:

16.6965

16.6965

11

12

Measurement Value = Reading Level + Correct Factor.
 Margin Level = Measurement Value - Limit Value.

9.95

9.95

32.32

27.19

60.00

50.00

-27.68

-22.81

QΡ

AVG

22.37

17.24



# APPENDIX B RADIATED SPURIOUS EMISSIONS

# **BIL**

Test Mode Test Frequency					Band26		Test Da				2020/11/18		
			CH26765				Polariza	ition		Vertical			
	emp			23°C			Hum.			6	64%		
0.0 dB	m							1				7	
-10													
-20													
-30													
-40													
-50													
-60			2 X	2			4 ×	5 X	6 X				
-70	X			3 X					^				
-80													
-90													
-100.0													
30.000	127.00	224.00	321.		418.00	515.0				806.00	1000.00	MH	
No.	Mk.	Freq.		ading evel	Correct Factor		easure- ment	Limit	Over				
		MHz		Зm	dB		dBm	dBm	dB	Detector	Comme	ent	
1		139.9010	) -71	1.80	2.74	-6	69.06	-13.00	-56.06	6 peak			
2	*	251.9360	) -68	3.85	7.73	-6	61.12	-13.00	-48.12	2 peak			
3		361.8693		3.52	5.64		67.88	-13.00	-54.88				
4		556.6453		2.20	9.44		62.76	-13.00	-49.76				
5		625.1920	) -74	1.79	12.43	-(	62.36	-13.00	-49.36	6 peak			
6		750.4190	) -77	7.70	11.54	-6	66.16	-13.00	-53.16	6 peak			

#### **REMARKS**:

Measurement Value = Reading Level + Correct Factor.
 Margin Level = Measurement Value - Limit Value.



-	Test Mo	de		Band26		Test Date			)/11/18
Tes	st Frequ			H26765		Polarizatio	n		zontal
	Temp			23°C		Hum.		6	4%
0.0 dB	m								
-10									
-20									
-30									
-40									
-50									
-60				3	4				
-70		1 X	2 X		* ;	ž Š			
-70									
-80									
-90									
-100.0									
30.000	127.00	224.00	321.00	418.00	515.00	612.00 70	9.00 806	.00	1000.00 MHz
No.	Mk.	Freq.	Reading Level	g Correct Factor	Measure ment	- Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		170.3590	-70.06	2.14	-67.92	-13.00	-54.92	peak	e on mont
2		300.1773	-67.45	0.87	-66.58	-13.00	-53.58	peak	
3	*	385.1170	-67.48	5.55	-61.93	-13.00	-48.93	peak	
4		528.9680	-73.01	9.62	-63.39	-13.00	-50.39	peak	
5		577.3063	-74.83	7.92	-66.91	-13.00	-53.91	peak	
6		681.2580	-76.77	8.54	-68.23	-13.00	-55.23	peak	

Measurement Value = Reading Level + Correct Factor.
 Margin Level = Measurement Value - Limit Value.



	Test Mode			Band26		Test Date			2020/10/26		
Tes	t Frequ			26765		Polarizatio	n	Vertical			
	Temp		2	2°C		Hum.		6	6%		
50.0 dB	m										
50											
0											
0											
:0											
0											
					X						
10											
20											
30											
40.0											
813.834	814.03	814.23	814.43	814.63	814.83 81	5.03 81	5.23 815.	.43	815.83	MH	
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over				
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comm	ent	
1	*	814.8460	-30.58	34.30	3.72	50.00	-46.28	peak			

(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.



	Test Mode			Band26		Test Date		2020/10/26		
Tes	t Frequ	ency		26765		Polarizatio	n	Horizontal		
	Temp		2	2°C		Hum.		6	6%	
60.0 dB	n									
50										
10 <b></b>										
30										
20										
0					1 X					
·										
10										
20										
30										
40.0										
813.834	814.03	814.23	814.43	814.63			5.23 815.	.43	815.83	MH
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comm	ent
1	*	814.8360	-22.84	33.57	10.73	50.00	-39.27	peak		

(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.



	Test Mode Test Frequency			Band26 26765		Test Date Polarization			/11/18 rtical
Temp			20705 3°C		Hum.			4%	
.0	dBm		£	00		Tiurri.		0	+70
Г									
10									
20									
30  -									
40 -									
50  -	1 X								
60  -									
70									
BO -									
90									
100.0	1								
100	00.000 2900.0	0 4800.00	6700.00	8600.00	10500.00 1		300.00 162	00.00	20000.00 MH
No	. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1630.167	-41.76	-7.14	-48.90	-13.00	-35.90	peak	

(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.



				DenelOC		Test Date		2020	/44/40
Test Mode Test Frequency			Band26 26765		Polarization			/11/18	
Temp			3°C		Hum.		Horizontal 64%		
D.O	dBm		۷.	5.0		Tium.		0.	+ 70
Г									
-10									
20									
30 -									
40 -									
50 -	1 X								
60  -									
70 -									
80 -									
90 -									
100.0									
100	0.000 2900.0	0 4800.00	6700.00	8600.00	10500.00 1		300.00 162	00.00	20000.00 MH
No	. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1630.167	-42.68	-8.09	-50.77	-13.00	-37.77	peak	

(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

**End of Test Report**