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01

FCC ID: 2AWE75KM312-DEVSN2

Report No.: T200507D08-RP

FCC RADIO TEST REPORT FCC 47 CFR PART 15 SUBPART C

INDUSTRY CANADA RSS-310

Test Standard FCC Part 15.249

IC RSS-310 issue 4 and IC RSS-GEN issue 5

Trade name ICLEGEND MICRO

Product name DEVSN2

Model No. DEVSN2_V40

Test Result Pass

Komil Tson

The test Result was tested by Compliance Certification Services Inc. The test data, data evaluation, test procedures, and equipment configurations shown in this report were given in ANSI C63.10: 2013 and compliance standards.

The test results of this report relate only to the tested sample (EUT) identified in this report.

The test Report of full or partial shall not copy. Without written approval of Compliance Certification Services Inc. (Wugu Laboratory)

Approved by:

Kevin Tsai

Deputy Manager

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	July 1, 2020	Initial Issue	ALL	Angel Cheng
01	July 23, 2020	 Revised applicant and manufacturer info. Revised power supply. Added Center Frequency Range. Revised section 1.6. Revised section 4.3.2. Revised setup photo test report number. 	P.4, P.5, P.8, P.18, A-1~A-4.	Angel Cheng



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1. GENERAL INFORMATION

1.1 EUT INFORMATION

Applicant	ICLegend Micro Electronics (Shanghai) Co., Ltd. Room 207, No 1, 666 nong zhangheng road shanghai, china
Manufacturer	ICLegend Micro Electronics (Shanghai) Co., Ltd. Room 207, No 1, 666 nong zhangheng road shanghai, china
Equipment	DEVSN2
Model Name	DEVSN2_V40
Model Discrepancy	N/A
EUT Functions	24G Radar
Received Date	May 7, 2020
Date of Test	May 19 ~ 20, 2020
Output Power	Peak : 77.26dBuV/m Average : 76.60dBuV/m
Power Supply	DC 5V by USB port.



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1.2 EUT CHANNEL INFORMATION

Frequency Range	24.00GHz-24.25GHz
Center Frequency Range	24.125GHz
Modulation Type	FMCW
Number of channel	1

1.3 ANTENNA INFORMATION

Antenna Type	☐ PIFA ☐ PCB ☐ Dipole ☐ Printed ☐ Coils
Antenna Gain	6 dBi
Antenna Connector	N/A



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1.4 MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
AC Powerline Conducted Emission	N/A
Emission bandwidth, 20dB bandwidth	+/- 0.0014
RF output power, conducted	+/- 1.14
Power density, conducted	+/- 1.40
3M Semi Anechoic Chamber / 30M~200M	+/- 4.12
3M Semi Anechoic Chamber / 200M~1000M	+/- 4.68
3M Semi Anechoic Chamber / 1G~8G	+/- 5.18
3M Semi Anechoic Chamber / 8G~18G	+/- 5.47
3M Semi Anechoic Chamber / 18G~26G	+/- 3.81
3M Semi Anechoic Chamber / 26G~40G	+/- 3.87
3M Semi Anechoic Chamber / 40G~60G	+/- 1.8509
3M Semi Anechoic Chamber / 60G~90G	+/- 3.43
3M Semi Anechoic Chamber / 90G~140G	+/- 3.52

Remark:

^{1.} This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2

^{2.} ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report.



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1.5 FACILITIES AND TEST LOCATION

All measurement facilities used to collect the measurement data are located at No.11, Wugong 6th Rd., Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.)

Test site	Test Engineer	Remark
AC Conduction Room	-	Not applicable, because EUT not connect to AC Main Source direct.
Radiation	Jerry Chang	-
RF Conducted	Dally Hong	-

Remark: The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.4 and CISPR Publication 22.



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1.6 INSTRUMENT CALIBRATION

Conducted Emissions Test Site							
Name of Equipment	Manufacturer	Model	Serial Number	Cal Date	Cal Due		
Coaxial Cable	Woken	WC12	CC003	06/28/2019	06/27/2020		
Coaxial Cable	Woken	WC12	CC001	06/28/2019	06/27/2020		
Horn Antenna	ETS LINDGREN	3116	00026370	12/18/2019	12/17/2020		
K Type Cable	Huber+Suhner	SUCOFLEX 102	29406/2	12/17/2019	12/16/2020		
K Type Cable	Huber+Suhner	SUCOFLEX 102	22470/2	12/17/2019	12/16/2020		
Pre-Amplifier	EMEC	EM01G26G	060570	06/27/2019	06/26/2020		
Signal Analyzer	R&S	FSV 40	101073	09/25/2019	09/24/2020		
Thermostatic/Humidity Chamber	TAICHY	MHG-150LF	930619	10/04/2019	10/03/2020		
Horn Antenna / Harmonic Mixer	ROHDE&SCHWARZ	FH-PP-110 / FS-Z110	10003 / 100096	12/09/2019	12/08/2021		
Horn Antenna / Harmonic Mixer	ROHDE&SCHWARZ	FH-PP-75 / FS-Z75	10001 / 100162	12/09/2019	12/08/2021		
Horn Antenna / Harmonic Mixer	A-INFOMW / ROHDE&SCHWARZ	LB-19-20-A / FS-Z60	J202020872 / 100142	12/09/2019	12/08/2021		
Software	Software N/A						

3M 966A Chamber Test Site							
Name of Equipment	Manufacturer	Model	Serial Number	Cal Date	Cal Due		
Band Reject Filters	MICRO TRONICS	BRM 50702	120	02/25/2020	02/24/2021		
Coaxial Cable	HUBER SUHNER	SUCOFLEX 104PEA	20995	02/25/2020	02/24/2021		
Coaxial Cable	EMCI	EMC105	190914+25111	09/20/2019	09/19/2020		
Digital Thermo-Hygro Meter	WISEWIND	1206	D07	01/15/2020	01/14/2021		
double Ridged Guide Horn Antenna	ETC	MCTD 1209	DRH13M02003	10/04/2019	10/03/2020		
Loop Ant	COM-POWER	AL-130	121051	03/27/2020	03/26/2021		
Pre-Amplifier	EMEC	EM330	060609	02/25/2020	02/24/2021		
Pre-Amplifier	HP	8449B	3008A00965	02/25/2020	02/24/2021		
Horn Antenna	ETS LINDGREN	3116	00026370	12/18/2019	12/17/2020		
K Type Cable	Huber+Suhner	SUCOFLEX 102	29406/2	12/17/2019	12/16/2020		
K Type Cable	Huber+Suhner	SUCOFLEX 102	22470/2	12/17/2019	12/16/2020		
Pre-Amplifier	EMEC	EM01G26G	060570	06/27/2019	06/26/2020		
Signal Analyzer	R&S	FSV 40	101073	09/25/2019	09/24/2020		
Antenna Tower	ccs	CC-A-1F	N/A	N.C.R	N.C.R		
Controller	ccs	CC-C-1F	N/A	N.C.R	N.C.R		
Turn Table	ccs	CC-T-1F	N/A	N.C.R	N.C.R		
Software		e3	6.11-20180413				

Remark: Each piece of equipment is scheduled for calibration once a year.



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1.7 SUPPORT AND EUT ACCESSORIES EQUIPMENT

EUT Accessories Equipment						
No. Equipment Brand Model Series No. FCC ID						
	N/A					

	Support Equipment						
No. Equipment Brand Model Series No. FCC ID							
1.	NB(J)	TOSHIBA	PT345T-00L002	N/A	N/A		

1.8 TEST METHODOLOGY AND APPLIED STANDARDS

The test methodology, setups and results comply with all requirements in accordance with ANSI C63.10:2013, FCC Part 15.249, RSS-310 Issue 4 and RSS-GEN Issue 5.



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2. TEST SUMMERY

FCC Standard Section	IC Standard Section	Report Section	Test Item	Result
15.203	-	1.3	Antenna Requirement	Pass
15.207(a)	RSS-GEN 8.8	4.1	AC Conducted Emission	N/A
15.215	RSS-210	4.2	20dB Bandwidth and Occupied Bandwidth (99%)	Pass
15.249(a)	RSS-310 3.10	4.3	Filed strength of fundamental	Pass
15.249(a)	RSS-GEN 8.9, 8.10	4.3	Radiation Spurious Emission	Pass



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3. DESCRIPTION OF TEST MODES

3.1 THE WORST MODE OF MEASUREMENT

Radiated Emission Measurement Above 1G			
Test Condition	Radiated Emission Above 1G		
Power supply Mode	Mode 1: EUT power by USB		
Worst Mode			
Worst Position	 ☐ Placed in fixed position. ☐ Placed in fixed position at X-Plane (E2-Plane) ☐ Placed in fixed position at Y-Plane (E1-Plane) ☐ Placed in fixed position at Z-Plane (H-Plane) 		
R	adiated Emission Measurement Below 1G		
Test Condition	Radiated Emission Below 1G		
Power supply Mode	Mode 1: EUT power by USB		
Worst Mode	Mode 1		

Remark:

- 1. The worst mode was record in this test report.
- 2. EUT pre-scanned in three axis ,X,Y, Z and two polarity, for radiated measurement. The worst case(Z-Plane) were recorded in this report.



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4. TEST RESULT

4.1 AC POWER LINE CONDUCTED EMISSION

4.1.1 Test Limit

According to §15.207(a) and RSS-GEN section 8.8,

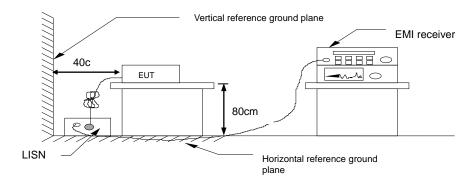
Frequency Range	Limits(dBμV)		
(MHz)	Quasi-peak	Average	
0.15 to 0.50	66 to 56*	56 to 46*	
0.50 to 5	56	46	
5 to 30	60	50	

^{*} Decreases with the logarithm of the frequency.

4.1.2 Test Procedure

- 1. The EUT was placed on a non-conducted table, which is 0.8m above horizontal ground plane and 0.4m above vertical ground plane.
- 2. EUT connected to the line impedance stabilization network (LISN)
- 3. Receiver set RBW of 9kHz and Detector Peak, and note as quasi-peak and average.
- 4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 5. Recorded Line for Neutral and Line.

4.1.3 Test Setup



4.1.4 Test Result

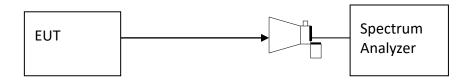
Not applicable, because EUT not connect to AC Main Source direct.



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4.220dB BANDWIDTH AND OCCUPIED BANDWIDTH (99%)

TEST CONFIGURATION



TEST PROCEDURE

- 1. Place the EUT on the table and set it in the transmitting mode.
- 2. SA set RBW = 1% ~ 5% OBW, VBW = three times the RBW and Detector = Peak, to measurement 99% Bandwidth and 20dB Bandwidth
- 3. Measure and record the result of 20 dB Bandwidth and 99% Bandwidth. in the test report.

TEST RESULTS

No non-compliance noted

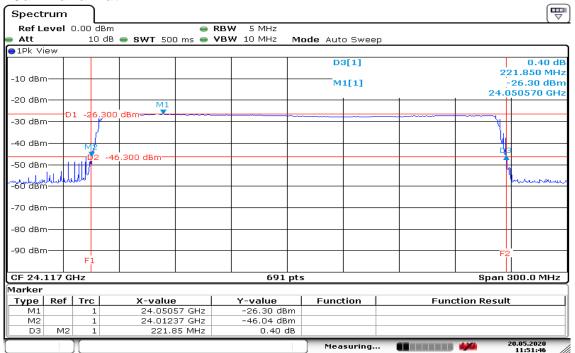
Test Condition	Frequency(Hz)	Occupied Bandwidth 99% (kHz)	20 dB Bandwidth (MHz)
24G Radar	24G	212.3010	221.850



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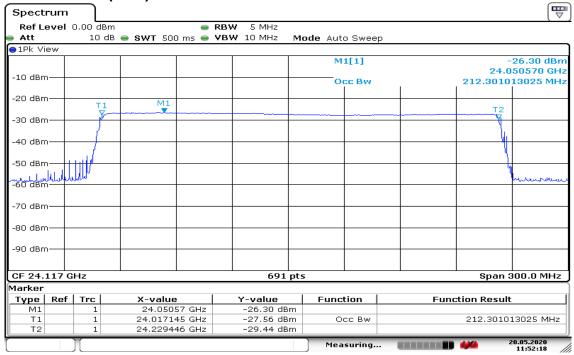
Test Plot

20dB Bandwidth



Date: 20.MAY.2020 11:51:47

BANDWIDTH (99%)



Date: 20.MAY.2020 11:52:19



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4.3 FIELD STRENGTH OF FUNDAMENTAL AND RADIATION SPURIOUS EMISSION

4.3.1 Test Limit

FCC according to §15.249(a).

(1) The field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental frequency (MHz)	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
2400-2483.5	50	500
5725-5875	50	500
24000-24250	250	2500

^{*} Field strength limits are specified at a distance of 3 meters

Fundamental Limit Conversion					
Average	Average	Average	Peak		
(mV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)		
at 3M	at 3M	at 1M	at 1M		
250	107.9588	117.50	137.50		

^{*(}Limit=107.9588+20LOG(3/1)=117.50 dBuV/m)

Harmonic Limit Conversion				
Average	Average	Average	Peak	
(uV/m)	(dBuV/m)	(dBuV/m)	(dBuV/m)	
at 3M	at 3M	at 1M	at 1M	
2500	67.9588	77.50	97.50	

^{*(}Limit=67.9588+20LOG(3/1)=77.50 dBuV/m)



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(2) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209(follow the table), whichever is the lesser attenuation

Below 30 MHz

Frequency	Field Strength (μΑ/m)	Magnetic field strength (H-Field) (μΑ/m)	Measurement Distance (metres)
9-490 kHz	2,400/F (F in kHz)	2,400/F (F in kHz)	300
490-1,705 kHz	24,000/F (F in kHz)	24,000/F (F in kHz)	30
1.705-30 MHz	30	N/A	30

Above 30 MHz

Frequency	Field Strength microvolts/m at 3 metres (watts, e.i.r.p.)		
(MHz)	Transmitters	Receivers	
30-88	100 (3 nW)	100 (3 nW)	
88-216	150 (6.8 nW)	150 (6.8 nW)	
216-960	200 (12 nW)	200 (12 nW)	
Above 960	500 (75 nW)	500 (75 nW)	



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IC according to RSS-Gen, Section 8.9 and 8.10.

RSS-Gen Table 3 and Table 5 – General Field Strength Limits for Transmitters and Receivers at Frequencies Above 30 MHz (Note)

Frequency	Field Strength microvolts/m at 3 metres (watts, e.i.r.p.)		
(MHz)	Transmitters	Receivers	
30-88	100 (3 nW)	100 (3 nW)	
88-216	150 (6.8 nW)	150 (6.8 nW)	
216-960	200 (12 nW)	200 (12 nW)	
Above 960	500 (75 nW)	500 (75 nW)	

Note: Measurements for compliance with the limits in table 3 may be performed at distances other than 3 metres, in accordance with Section 6.6.

RSS-Gen Table 6: General Field Strength Limits for Transmitters at Frequencies Below 30 MHz (Transmit)

Frequency	Magnetic field strength (H-Field) (μΑ/m)	Measurement Distance (m)
9-490 kHz ^{Note}	6.37/F (F in kHz)	300
490-1,705 kHz	63.7/F (F in kHz)	30
1.705-30 MHz	0.08	30

Note: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector..



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4.3.2 Test Procedure

- 1. The EUT is placed on a turntable, Above 1 GHz is 1.5m, below 1 GHz and above 40G is 0.8m above ground plane. The EUT Configured un accordance with ANSI C63.10: 2013, and the EUT set in a continuous mode.
- 2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. And EUT is set 3m away from the receiving antenna, which is scanned from 1m to 4m above the ground plane to find out the highest emissions. Measurement are made polarized in both the vertical and the horizontal positions with antenna.
- 3. The measurement distance above 40 GHz is set 15cm away from the receiving antenna.
- 4. The SA setting following:
 - (1) Below 1G: RBW = 100kHz, VBW ≥ 3 RBW, Sweep = Auto, Detector = Peak,
 - (2) Above 1G:
 - (2.1) For Peak measurement : RBW = 1MHz, VBW ≥ 3 RBW.
 - (2.2) For Average measurement : RBW = 1MHz, VBW = 10Hz.

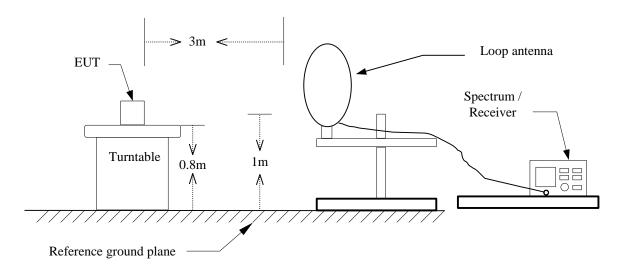
The measurement distance 30 MHz to 1 GHz is set 3m away from the receiving antenna. The measurement distance 1 GHz to 40 GHz is set 1m away from the receiving antenna.



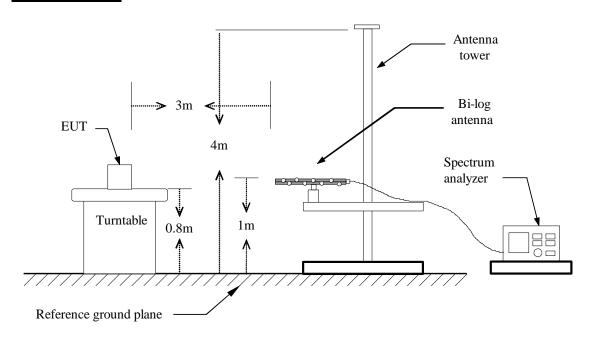
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4.3.3 Test Setup

9kHz ~ 30MHz



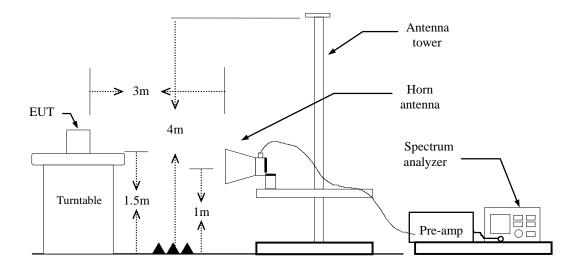
30MHz ~ 1GHz



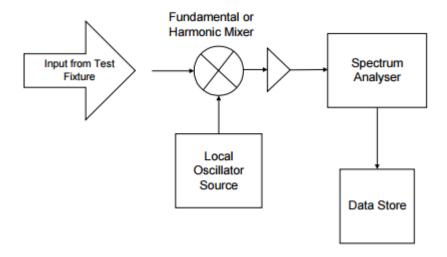


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Above 1 GHz



Above 40 GHz





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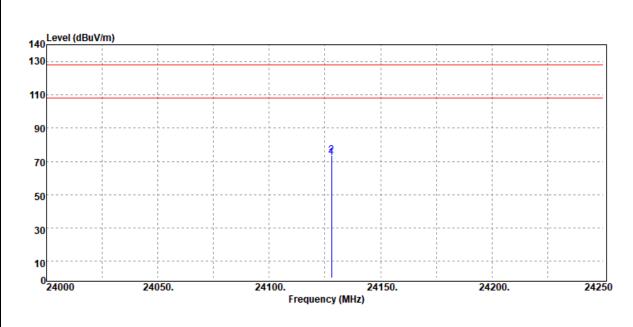
4.3.4 Test Result

Freq. (GHz)	Peak Value (dBuV/m)	Average Value (dBuV/m)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Result	Antenna Polarization (V/H)
24128.00	73.70	72.38	137.5	117.5	Pass	V
24126.00	77.26	76.60	137.5	117.5	Pass	Н

Test Data

(1) Filed strength of fundamental:

Test Mode:	TX-24GHz	Temp/Hum	22.4(°ℂ)/ 41%RH
Test Item	Fundamental	Test Date	May 19, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak & Average		





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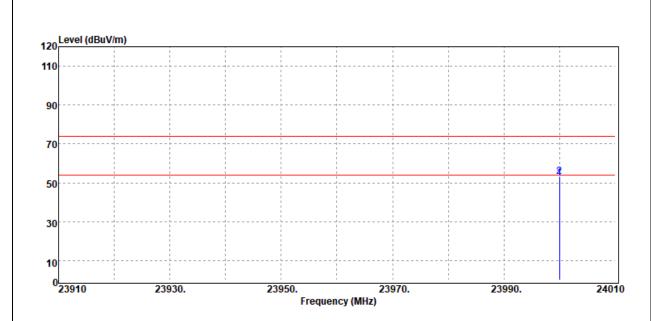
				Frequency	/BALL=\				
⁰ 24000	2	24050.	241	00.	24	150.	- 2	24200.	2425
10			1			T			
				1			! !		
30							; !		
50									
							!		
70			: 			 	!	.	
90				2					
90									
110									
	 					1 1 1	 		1
130							 		
140 Level (d	dBuV/m)		· · · · · ·	<u> </u>					;
140 Level (0	dBuV/m)						 	!	1
Dete	ctor	Pea	ak & Ave	rage					
Pola	rize	ŀ	Horizonta	al	Tes	t Engine	eer	Jer	ry Chang
Test	Item	Fι	undamen	ıtal	Т	est Date	9	May 19, 2020	
Test M	ioue.		X-24GH	-		emp/Hur	• •	22.4(°ℂ)/ 41%RI	



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(2) Band Edge Test Data

Test Mode:	24 GHz	Temp/Hum	22.4(°ℂ)/ 41%RH
Test Item	Band Edge	Test Date	May 19, 2020
Polarize	Vertical	Test Engineer	Jerry Chang

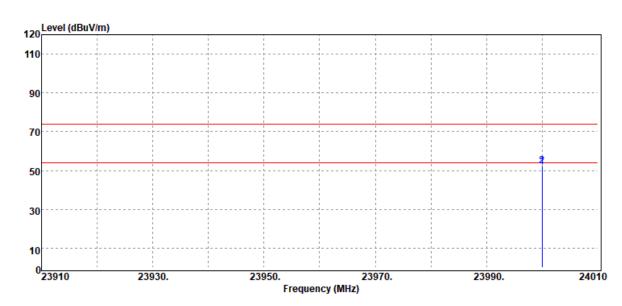


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	24000.00	31.21	20.96	52.17	54.00	-1.83	Average
2	24000.00	32.00	20.96	52.96	74.00	-21.04	Peak



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Test Mode:	24 GHz	Temp/Hum	22.4(°ℂ)/ 41%RH
Test Item	Band Edge	Test Date	May 19, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang



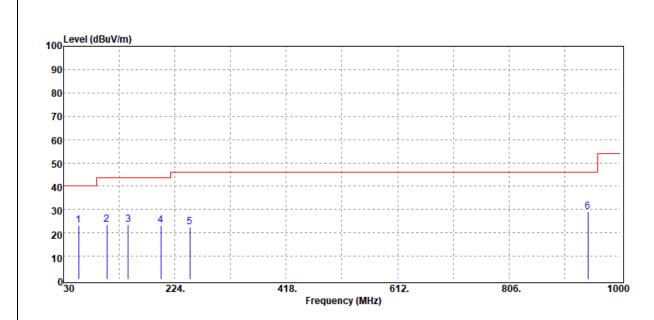
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	24000.00	31.11	20.96	52.07	54.00	-1.93	Average
2	24000.00	31.51	20.96	52.47	74.00	-21.53	Peak



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(3) Below 1G:

Test Mode:	TX-24GHz	Temp/Hum	22.4(°ℂ)/ 41%RH
Test Item	30MHz-1GHz	Test Date	May 19, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Qusi-peak		

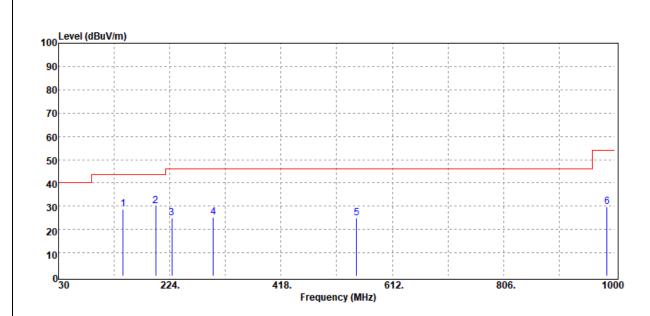


Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
56.19	39.27	-16.07	23.20	40.00	-16.80	Peak
105.66	34.85	-11.23	23.62	43.50	-19.88	Peak
142.52	33.64	-10.01	23.63	43.50	-19.87	Peak
199.75	32.93	-9.58	23.35	43.50	-20.15	Peak
250.19	33.09	-10.62	22.47	46.00	-23.53	Peak
943.74	25.15	3.99	29.14	46.00	-16.86	Peak



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Test Mode:	TX-24GHz	Temp/Hum	22.4(°ℂ)/ 41%RH
Test Item	30MHz-1GHz	Test Date	May 19, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Qusi-peak		



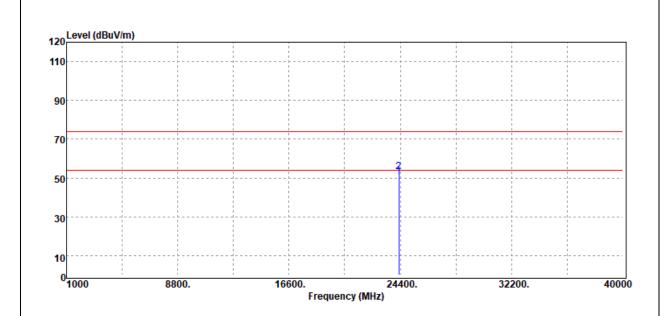
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
142.52	38.60	-10.01	28.59	43.50	-14.91	Peak
199.75	39.59	-9.58	30.01	43.50	-13.49	Peak
227.88	36.13	-11.28	24.85	46.00	-21.15	Peak
299.66	33.93	-8.51	25.42	46.00	-20.58	Peak
549.92	27.52	-2.46	25.06	46.00	-20.94	Peak
986.42	25.15	4.70	29.85	54.00	-24.15	Peak



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(4) Above 1G:

Test Mode:	TX-24GHz	Temp/Hum	22.4(°ℂ)/ 41%RH
Test Item	1GHz-40GHz	Test Date	May 19, 2020
Polarize	Vertical	Test Engineer	Jerry Chang
Detector	Peak and Average		



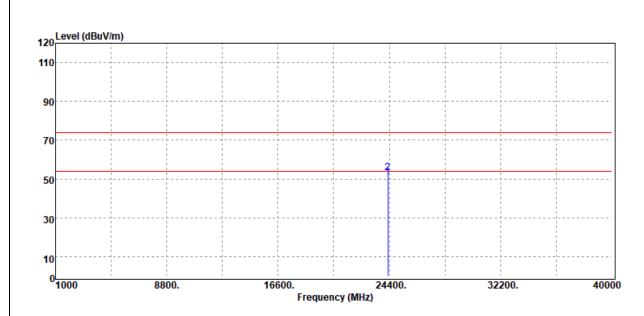
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24300.00	31.88	18.91	50.79	54.00	-3.21	Average
24300.00	34.40	18.91	53.31	74.00	-20.69	Peak
N/A						

Remark:



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Test Mode:	TX-24GHz	Temp/Hum	22.4(°ℂ)/ 41%RH
Test Item	1GHz-40GHz	Test Date	May 19, 2020
Polarize	Horizontal	Test Engineer	Jerry Chang
Detector	Peak and Average		



Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24300.00	31.87	18.91	50.78	54.00	-3.22	Average
24300.00	34.28	18.91	53.19	74.00	-20.81	Peak
N/A						

Remark:



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Test Mode:	TX-24	lGHz	Temp/Hum 22.4(°C)/ 41			C)/ 41%R	
Test Item	40GHz-	50GHz	Test Date		May	19, 2020	
Polarize	Vertical/H	orizontal	Test Engineer		Jeri	Jerry Chang	
Detector	Peak and	Average					
Spectrum							
Ref Level 90.00 dBµV ExtMix U		RBW 1 MHz VBW 3 MHz Me	ode Auto FFT				
1Pk View							
80 dBµV-			M1[1]		49.	43.84 dBµV 872970 GHz	
70 dвµV							
60 dBµV							
50 dBµV						M1	
M400ad Braykiland beau designation		ally la real transmitter and but bely	مساح مساسه براله مين	Land Street of Land	ومحرور ما المحالة بالمحالة بالمحالة	eliteration de la proposition de la constanta	
30 dBµV		ig the angular profite attack of the angular actives day of the extension	ald the first type of the first transfer of the second state of th	And the state of t		1	
20 dBµV							
10 dΒμV							
0 dвµV							
					Sto	p 50.0 GHz	
Start 40.0 GHz		32001 pt	.5		310	P 00.0 G. 12	
Marker	X-value			Fi			
$\overline{}$	X-value 49.87297 GHz	32001 pt Y-value 43.84 dBµV	Function	Fı	unction Resu		

Remark:



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Type Ref Trc M1 1	X-value 61.24613 GHz	Y-value 47.38 dΒμV	Function	Fu	ınction Result	20.05.2020
Marker						
Start 50.0 GHz		32001 pt	ts		Stop	75.0 GHz
о авру						
O dΒμV						
10 dBµV						
20 dΒμV						
зо ивич						
30 dBµV-						
40"0B/IV						
50 dBµV		M1	La San Colombia de la Calance	deather at the	diamental management	District on the second
оо авру						
60 dBµV						
70 dBµV						
80 dBµV					3112	
			M1[1]			47.38 dBµV 46130 GHz
●1Pk View						
ExtMix V	● SWT 625 ms ●	VBW 3 MHz Me	ode Auto Sweep			
Ref Level 90.00 dBµ		RBW 1 MHz				
Spectrum						
Detector	Peak and	Average				
Polarize	Vertical/H	Iorizontal	Test Engineer Jerry Ch		/ Chang	
Test Item	50GHz-	75GHz	Test Da			19, 2020
Test Mode:	TX-24		Temp/Hum		22.4(°C)/ 41%R	

Remark:



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Test Mode:	TX-24G		Temp/Hum 22.4(°C)/ 4			
Test Item	75GHz-90	OGHz	Test Date		May 19, 2020	
Polarize	Vertical/Ho	Test Eng	Test Engineer Jerry Chan			
Detector	Peak and A	verage				
Spectrum						
Ref Level 92.00 dBµ\		W 1 MHz	1 FFT			
ExtMix W	SWT 10 ms VB	W 3 MHZ MOC	le Auto FFT			
●1Pk View			M1[1]			43.75 dBµV
				ı		10.76 dBp+
80 dBµV						
70 dBµV						
60 dBµV						
50 dBuV						
M1						
2000 20000 2	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・		وروا والمراق الأوراق والمورد والماقورة	nadalasia <mark>majajikan ayan barata</mark>	Carrier of the second s	daylor has republicles
30 qBhA	Lendand of the late John the Linking and a ma	والمرافع والم والمرافع والمرافع والمرافع والمرافع والمرافع والمرافع والمراف	elaria sepera de la cerella la Pr	-	onithistalistics	dia al regionistrationist
20 dBuV						
·						
10 dBµV						
0 dBμV						
Start 75.0 GHz		32001 pt	:s		Sto	90.0 GHz
Marker						
Type Ref Trc	X-value 77.10251 GHz	Y-value 43.75 dBμV	Function	Fu	unction Resul	t e
			Measuring		1 4/4	20.05.2020 14:02:53
						"""

Remark:



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Test Mode:	TX-24GHz Temp/Hum		/Hum	22.4(°C	C)/ 41%RF	
Test Item	90GHz-100G	90GHz-100GHz Test Date		Date	May 19, 2020	
Polarize	Vertical/Horizontal Test Engineer			Jerr	y Chang	
Detector	Peak and Aver	age				
					I.	
Spectrum						
Ref Level 92.00 dBµ\						(*)
ExtMix W	● SWT 6.7 ms ● VBW 3	8 MHz Mo	de Auto FFT			
●1Pk View						
			M1[1]			39.52 dBµV 36440 GHz
80 dBµV			-		-	
70 dBµV						
70 авру						
60 dBµV						
50 dBµV						
					М	‡ I
40 dBµV	عاراز والمراجع والمراقي والمحمل والمراجع والان والمراجع والماما	A Section of the Assessed	handa da yaka baya da ya da da ya da	ويروا ورخناه والأوراء ليراج والريا	The state of the s	A change to a little party
ڮڿڔڟؠڹڟڹۼڂڟڸڹٳڰڹڡٷ ڿڎڰڷڔڰٛڰڔ	<mark>, , , , , , , , , , , , , , , , , , , </mark>		Maria de la Partididade de la Cale	فهمه بوسره بولوم بروسيه	<mark>at lägi</mark> satija <u>utifyaja, saag</u> ps.	والمستواد والمستخورة والمستحدد
20 dBuV						
20 GBAV						
10 dBµV						
O dBµV						
Start 90.0 GHz		32001 pt	:s		Stop	100.0 GHz
Marker Type Ref Trc	X-value Y-	value	Function	l E	unction Result	. 1
M1 1		9.52 dBµV				
			Measuring		10 4/4	20.05.2020 14:03:37
Data: 20 MAY 2020 1	1.03.30					
Date: 20.MAY.2020 1	4:03:38					

Remark:

1. For above 1GHz, the EUT peak value was under average limit, therefore the Average value compliance with the average limit

--End of Report--