

13.56 MHz Radio Test Report FCC ID: SIB-BGTAB-NV20A-1

This report concerns (check one) : ⊠Original Grant □Class I Change

Project No. : 1411C076 Equipment : dreamtab Model Name : BGTAB-NV20A

Applicant: Foxconn International Inc

Address : NO 2 ZIYOU ST TUCHENG DISTRICT NEW TAIPEI

Taiwan 236

Date of Receipt : Nov. 10, 2014

Date of Test : Nov. 10, 2014~Nov. 26, 2014

Issued Date : Nov. 27, 2014 Tested by : BTL Inc.

Testing Engineer : Yavid Mag

(David Mao)

Technical Manager :

Authorized Signatory : See ...

(Steven Lu)

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Declaration

BTLrepresents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (NML) of R.O.C., or National Institute of Standards and Technology (NIST) of U.S.A.

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.

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BTL's laboratory quality assurance procedures are in compliance with the ISO Guide17025 requirements, and accredited by the conformity assessment authorities listed in this test report.

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.

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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
BTL-FCCP-6-1411C076	Original Issue.	Nov. 27, 2014

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1. CERTIFICATION

Equipment : dreamtab Brand Name : Nabi

Model Name: BGTAB-NV20A

Applicant : Foxconn International Inc

Manufacturer: FUHU INC.

Address : 909N., Sepulveda Blvd., Suite 540, E1 Segundo, CA 90245 Factory : HONGFUJIN Precision Electronics (Chong Qing) Co., Ltd.

Address : No.1, 1st E District RD., Shapingba District, Chongqing 401332, P.R. China

Date of Test : Nov. 10, 2014~Nov. 26, 2014 Test Sample : ENGINEERING SAMPLE

Standard(s): FCC Part 15, Subpart C: 15.225 / ANSI C63.4: 2009

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

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-6-1411C076) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

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2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part 15, Subpart C: 15.225				
Standard(s) Section	Test Item	Judgment	Remark	
15.207	Conducted emission	PASS		
15.35/ 15.205 / 15.209 / 15.225	Radiated emission	PASS		
15.225(e)	Frequency Stability	PASS		
15.203	Antenna Requirement	PASS		
	20dB Occupied Bandwidth Measurement	PASS		

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

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2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02**and **DG-CB03**at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan Guangdong, China.523792 BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty is not specified by FCC rules and for reference only.

The reported uncertainty of measurement $\mathbf{y} \pm \mathbf{U}$, where expended 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.

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U,(dB)	NOTE
DG-C02	CISPR	150 KHz~30MHz	1.94	

B. Radiated Measurement:

Test Site Method		Measurement Frequency Range	Ant. H / V	U,(dB)	Note
		9KHz~30MHz	V	3.79	
		9KHz~30MHz	Н	3.57	
		30MHz~200MHz	V	3.82	
		30MHz~200MHz	Н	3.60	
DC CB03	-CB03 CISPR	200MHz~ 1,000MHz	V	3.86	
DG-CB03		200MHz~ 1,000MHz	Н	3.94	
		1GHz~18GHz	V	3.12	
		1GHz~18GHz	Н	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	Н	4.14	

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3.GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	dreamtab	
Brand Name	Nabi	
Model Name	BGTAB-NV20A	
Model Difference	N/A	
Operation Frequency: 13.56 MHz		13.56 MHz
Product Description	Antenna Designation:	Loop Antenna
1 roduct Decomplien	More details of EUT technical specification, please refer to the User's Manual.	
PowerSource	 #1 DC supplied from AC Adapter. Model: ADS-65LSI-19-3 19065G #2 Supplied from rechargeable Li-ion polymer battery. 1) Brand / Model: McNair / MLP2462113-2S 2) Manufacturer: HongKong Highpower Technology Co., Ltd Model: IN484 	
Power Rating	#1 I/P AC 100-240V~ 50/60Hz 1.5A O/P: DC 19V 3.42A #2 7.4V 1650mAh 12.21Wh	

Note:

1. Table for Filed Antenna

Ant.	Manufacturer	Model Name	Antenna Type
1	Smart Approach	SM-MFN15-C01	Loop Antenna

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3.2 DESCRIPTION OF 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.

Pretest Test Mode	Description
Mode 1	TX MODE

Conducted emission test			
Final Test Mode Description			
Mode 1	TX MODE		

Radiated emission test			
Final Test Mode Description			
Mode 1	TX MODE		

Frequency Stability test/ Antenna Requirement test/ 20dB Occupied Bandwidth Measurement			
Final Test Mode Description			
Mode 1	TX MODE		

Note:

(1) The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis. The worst case was found positioned on z-plane. Therefore only the test data of this z-plane was used for radiated emission measurement test.

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3.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED EUT 3.4DESCRIPTION OF SUPPORT UNITS The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests. FCC ID/IC Mfr/Brand Model/Type No. Item Equipment Series No. Note Shielded Ferrite Core Item Length Note Type

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4. EMC EMISSION TEST

4.1CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION LIMITS(Frequency Range 150KHz-30MHz)

Fraguency (MHz)	Class A (dBuV)		Class B	Standard	
Frequency (MHz)	Quasi-peak	Average	Quasi-peak	Average	Stariuaru
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	CISPR
0.50 -5.0	73.00	60.00	56.00	46.00	CISPR
5.0 -30.0	73.00	60.00	60.00	50.00	CISPR

0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.00	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

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 = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

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

4.1.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipmentspowered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the groundplane 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 at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.1.3DEVIATIONFROMTESTSTANDARD

No deviation

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4.1.4 TESTSETUP Vertical Reference Ground Plane Horizontal Reference Ground Plane

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

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

4.1.5EUT 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.

The EUT was programmed to be in continuously transmitting mode.

4.1.5EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC120V/60Hz

4.1.6 TEST RESULTS

Please refer to the Attachment A.

Remark

- (1) All readings are QP Mode value unless otherwise stated AVG in column of 『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits,the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform in this case, a "*" marked in AVG Mode column of Interference Voltage Measured.
- (2) Measuring frequency range from 150KHz to 30MHz.

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4.2 RADIATED EMISSION TEST

4.2.1 LIMIT

	FCC Part 15.209						
Frequency	Field Strength Limitation		Field Strength Limitation at 3m Measurement Dist				
(MHz)	(uV/m)	Dist	(uV/m)	(dBuV/m)			
0.009 - 0.490	2400 / F(KHz)	300m	10000* 2400/F(KHz)	20log 2400/F(KHz) + 80			
0.490 - 1.705	24000 / F(KHz)	30m	100 * 24000/F(KHz)	20log 24000/F(KHz) + 40			
1.705 –30.00	30	30m	100* 30	20log 30 + 40			
30.0 – 88.0	100	3m	100	20log 100			
88.0 – 216.0	150	3m	150	20log 150			
216.0 – 960.0	200	3m	200	20log 200			
Above 960.0	500	3m	500	20log 500			
		FCC P	art 15.225(a)/(b)/(c)				
Frequency	Field Streng Limitation	•	Field Strength Limitatio	n at 3m Measurement Dist			
(MHz)	(uV/m)	Dist	(uV/m)	(dBuV/m)			
13.553 – 13.567	15,848	30 m	15,848*100	124			
13.567 – 13.710	334	30 m	334*100	90.5			
13.110 – 13.410 13.710 – 14.010	106	30 m	106*100	80.5			

Note

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- (1) The tighter limit shall apply at the boundary between two frequency range.
- (2) Limitation expressed in dBuV/m is calculated by 20log Emission Level (uV/m).
- (3) If measurement is made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula of $L_{d1} = L_{d2} * (d_2/d_1)^2$.

Example:

F.S Limit at 30m distance is 30uV/m , then F.S Limitation at 3m distance is adjusted as L_{d1} = L_1 = 30uV/m * (10) 2 = 100 * 30 uV/m

(4) 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

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4.2.2 TEST PROCEDURE

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations 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 then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

NOTE: (FCC PART 15.209)

- a. Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode with Detector BW=120 kHz.
- b. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.

NOTE: (FCC PART 15.225)

- a. Spectrum Setting:
 - 9 KHz 150 KHz, RBW= 200Hz, VBW=200Hz, Sweep time = 200 ms. 150 K Hz – 30 MHz, RBW= 10 KHz, VBW=10 KHz, Sweep time = 200 ms.
 - 30 MHz 1000 MHz, RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.
- b. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform.
- c. The Log-Bicon Antenna will use to test frequency range from 30MHz to 1000MHz and the Loop Antenna will use to test frequency below 30MHz.

4.2.3 DEVIATION FROM TEST STANDARD

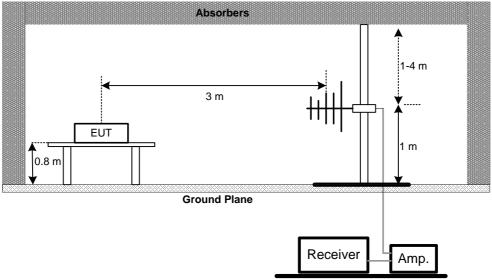
No deviation

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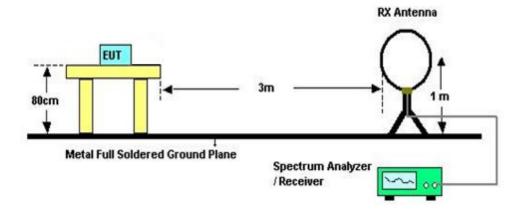


4.2.4 TEST SETUP

(A) Radiated Emission Test Set-Up Frequency Below 1 GHz



(B) For radiated emissions below 30MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: DC 7.4V

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	4.2.7TEST RESULTS (BELOW 30MHZ) - FCC PART 15.209	
	Please refer to the Attachment B.	
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	4.2.8 TEST RESULTS-(30-1000MHZ) - FCC PART 15.209	
	Please refer to the Attachment C.	
	4.2.9 TEST RESULTS- FCC PART 15.225	
	Please refer to the Attachment D.	
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4.3 FREQUENCY STABILITY MEASUREMENT

4.3.1 LIMIT

FCC Part 15.225(e)

The frequency tolerance of the carrier signal shall be maintained within +/-0.01% of the operating frequency over a temperature variation of - 20 degrees to + 50 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supplyvoltage at a temperature of 20 degrees C.

For battery operated equipment, the equipment tests shall be performed using a new battery.

4.3.2 TEST PROCEDURE

- a. The equipment under test was connected to an external AC power supply and the RF output was connected to a frequency counter via feed through attenuators. The EUT was placed inside the temperature chamber.
 - After the temperature stabilized for approximately 20 minutes, the frequency of the output signal was recorded from the counter.
- b. At room temperature (25±5°C), an external variable AC power supply was connected to the EUT. The frequency of the transmitter was measured for 115%, 100% and 85% of the nominal operating input voltage.

4.3.3 DEVIATION FROM TEST STANDARD

No deviation

4.3.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6**Unless otherwise a special operating condition is specified in the follows during the testing.

4.3.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: DC 7.4V

4.3.6 TEST RESULTS

Please refer to the Attachment E.

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5. 20dB SPECTRUM BANDWIDTH MEASUREMENT

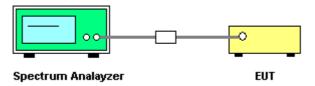
5.1. LIMIT OF 20dB BANDWIDTH MEASUREMENT

The 20dB bandwidth shall be specified in operating frequency band.

5.2.TEST PROCEDURES

The bandwidth of the fundamental frequency was measured by spectrum analyzer with 10kHz RBW and 10kHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

5.3. TEST SETUP LAYOUT



5.4. TEST DEVIATION

There is no deviation with the original standard.

5.5. EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

5.6. TEST RESULT

Please refer to the Attachment F.

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6. MEASUREMENT INSTRUMENTS LIST

	Conducted Emission Measurement							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	LISN	EMCO	3816/2	00052765	Apr. 24, 2015			
2	LISN	R&S	ENV216	100087	Mar. 14, 2015			
3	Test Cable	N/A	C_17	N/A	Mar.14, 2015			
4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	Apr. 24, 2015			
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Apr. 24, 2015			

	Radiated Emission Measurement							
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until			
1	Antenna	Schwarbeck	VULB9160	9160-3232	Apr. 24, 2015			
2	Amplifier	HP	8447D	2944A09673	Apr. 24, 2015			
3	Test Receiver	R&S	ESCI	100382	Apr. 24, 2015			
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 01, 2015			
5	Antenna	ETS	3115	00075789	Apr. 24, 2015			
6	Amplifier	Agilent	8449B	3008A02274	Apr. 24, 2015			
7	Spectrum	Agilent	E4408B	US39240143	Mar. 14, 2015			
8	Test Cable	HUBER+SUHNER	C-45	N/A	Apr.29,2015			
9	Controller	CT	SC100	N/A	N/A			
10	Horn Antenna	EMCO	3115	9605-4803	Apr. 24, 2015			
11	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Apr. 24, 2015			
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Feb. 22, 2015			

	6dB BandwidthMeasurement								
Item	Item Kind of Equipment Manufacturer Type No. Serial No. Calibrated until								
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 02, 2015				

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

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7. EUT TEST PHOTO

Conducted Measurement Photos



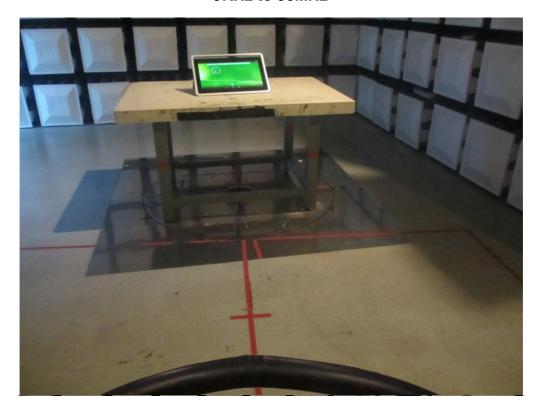


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Radiated Measurement Photos

9KHz to 30MHz



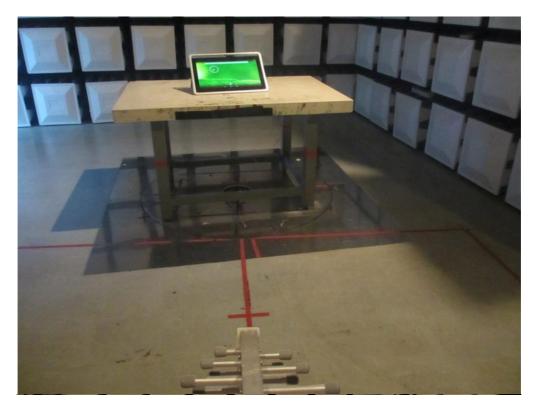


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Radiated Measurement Photos

30MHz to 1000MHz





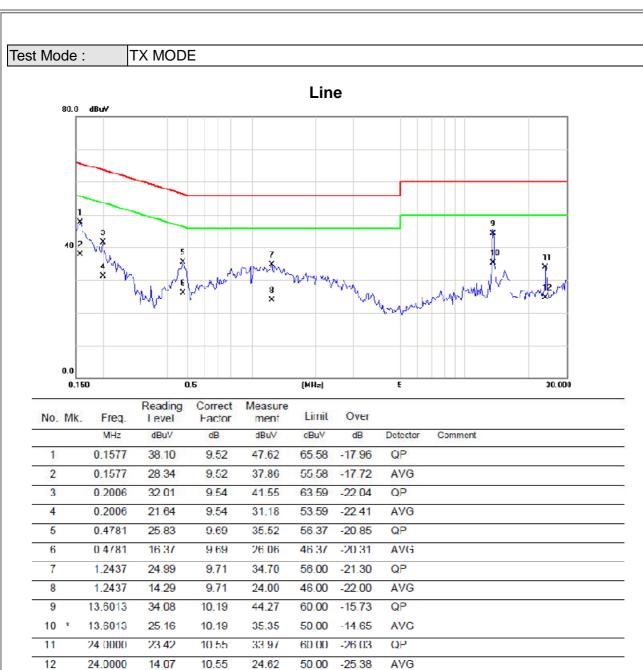
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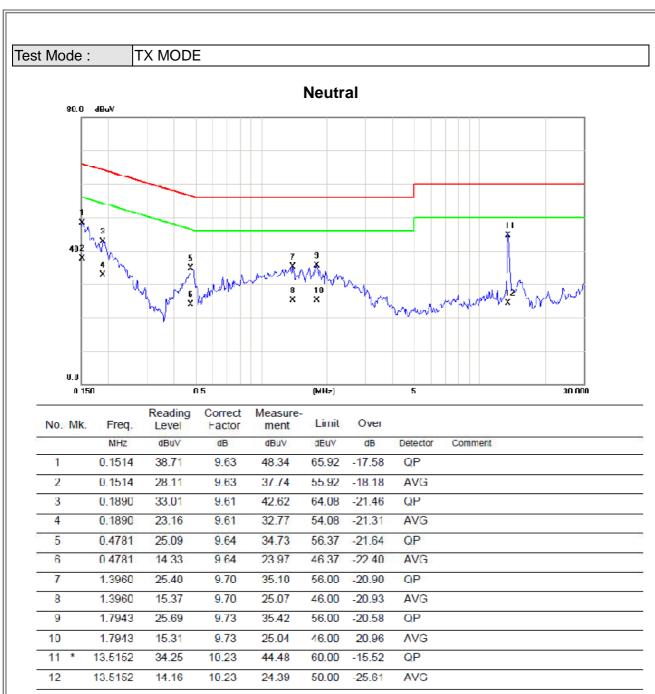
ATTACHMENT A - CONDUCTED EMISSION	

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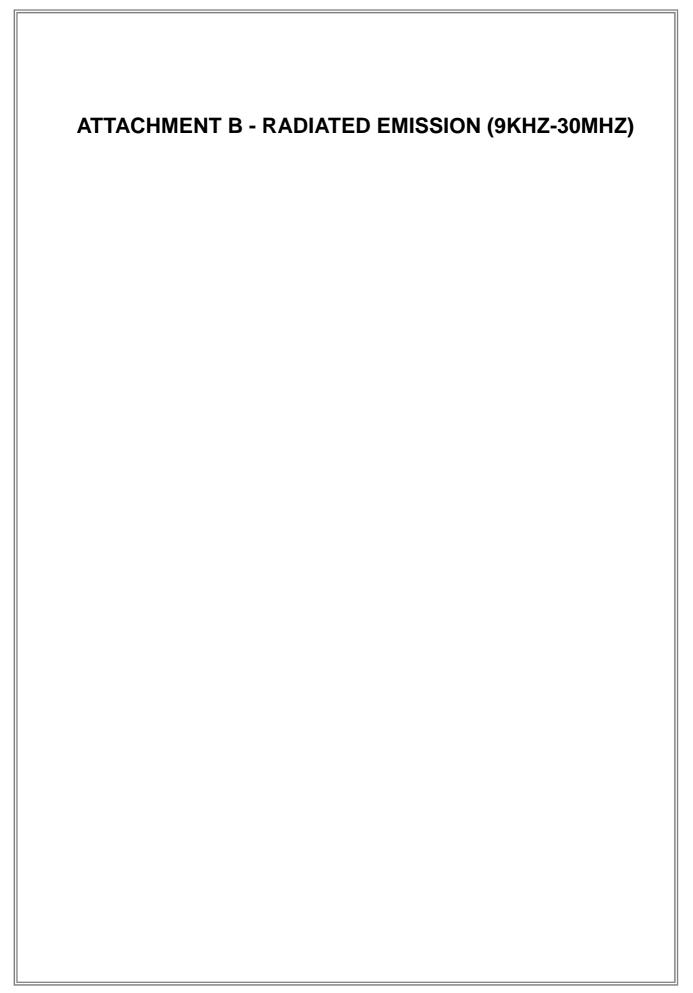












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Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	0°/90°	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Note
0.0092	0°	13.55	24.98	38.53	108.30	-69.77	AVG
0.0023	0°	14.43	24.98	39.41	128.30	-88.89	PEAK
0.0125	0°	6.56	24.78	31.34	105.67	-74.33	AVG
0.0125	0°	7.46	24.78	32.24	125.67	-93.43	PEAK
0.0259	0°	3.54	23.93	27.47	99.34	-71.87	AVG
0.0259	0°	5.23	23.93	29.16	119.34	-90.18	PEAK
0.0314	0°	0.96	23.58	24.54	97.67	-73.13	AVG
0.0314	0°	2.97	23.58	26.55	117.67	-91.12	PEAK
0.5867	0°	30.74	20.08	50.82	72.24	-21.42	QP
1.7551	0°	21.67	19.52	41.19	69.54	-28.35	QP

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	0°/90°	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	NOTE
0.0092	90°	13.45	24.30	37.75	128.38	-90.63	AVG
0.0092	90°	14.49	24.30	38.79	148.38	-109.59	PEAK
0.0246	90°	6.39	24.01	30.40	119.79	-89.39	AVG
0.0246	90°	8.61	24.01	32.62	139.79	-107.17	PEAK
0.0319	90°	3.57	23.55	27.12	117.53	-90.41	AVG
0.0319	90°	5.34	23.55	28.89	137.53	-108.64	PEAK
0.0443	90°	0.67	22.76	23.43	114.68	-91.25	AVG
0.0443	90°	2.83	22.76	25.59	134.68	-109.09	PEAK
0.4942	90°	30.77	19.81	50.58	73.73	-23.14	QP
1.7176	90°	21.64	19.53	41.17	69.54	-28.37	QP

Remark:

- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported \circ
- (2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB); •
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor. •

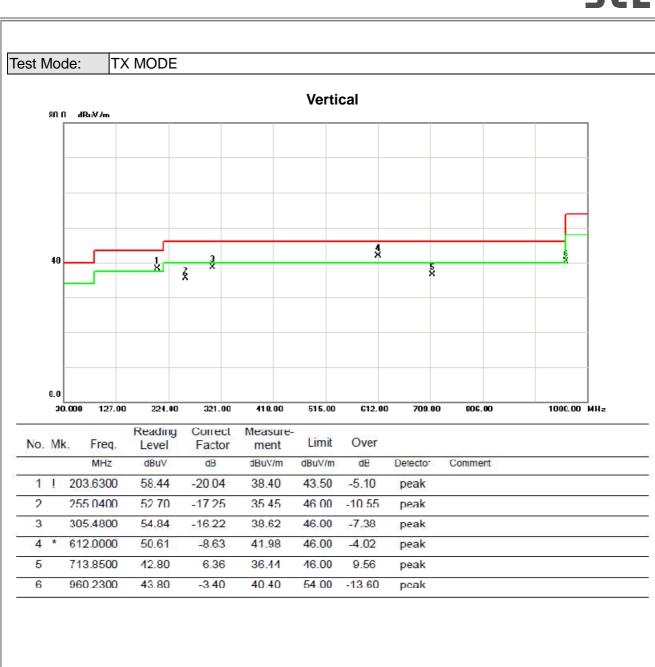
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ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)

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ATTACHMENT D - RADIATED EMISSION (FCC PART 15.225)

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ш		
ш	Test Mode	
ш	Tast Masta	TX MODE
ш	LEST MINAGE	X
ш	103t Wood	TX WODE

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	0°/90°	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	NOLE
13.620	0°	44.58	21.27	65.85	124.00	-58.15	
27.240	0°	23.35	21.77	45.12	69.54	-24.42	

Freq.	Ant.	Reading(RA)	Corr.Factor(CF)	Measured(FS)	Limits(QP)	Margin	Note
(MHz)	0°/90°	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Note
13.490	90°	42.65	21.27	63.92	124.00	-60.08	
27.310	90°	19.58	21.77	41.35	69.54	-28.19	

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ATTACHMENT E - FREQUENCY STABILITY MEASUREMENT

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Test Mode: TX MODE

	Frequency Stability Versus Environmental Temperature									
	Temperature (°C)	Voltage (DC)	Frequency (MHz)	Frequency Error (kHz)	Limit (kHz)	Result				
	20	120V	13.56							
0 min	50	120V	13.5615	0.0015	+/- 1.356	PASS				
	-20	120V	13.5608	0.0008	+/- 1.356	PASS				
2 min	50	120V	13.56011	0.0001	+/- 1.356	PASS				
	-20	120V	13.5609	0.0009	+/- 1.356	PASS				
5 min	50	120V	13.5611	0.0011	+/- 1.356	PASS				
	-20	120V	13.5612	0.0012	+/- 1.356	PASS				
10 min	50	120V	13.5621	0.0021	+/- 1.356	PASS				
	-20	120V	13.5609	0.0009	+/- 1.356	PASS				

Fuequency Stability Versus Input Voltage									
Temperature (°C)	Voltage (AC)		Frequency (MHz)	Frequency Error (kHz)	Limit (kHz)	Result			
20	V-nom	120V	13.56	0					
20	V-min	102V	13.561	0.0010	+/- 1.356	PASS			
20	V-max	138V	13.5614	0.0014	+/- 1.356	PASS			

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ATTACHMENT F - 20dB SPECTRUM BANDWIDTH MEASUREMENT

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