



TEST REPORT					
Report Reference No	TRE1801015404 R/C: 80968				
FCC ID	2AEY7-S8A004				
Applicant's name:	Bak USA Technologies Corp.				
Address	425 Michigan Avenue, Buffalo, New York 14203, USA				
Manufacturer	Bak USA Technologies Corp.				
Address:	425 Michigan Avenue, Buffalo, New York 14203, USA				
Test item description	Tablet PC				
Trade Mark					
Model/Type reference	Seal WiFi				
Listed Model(s)					
Standard:	FCC CFR Title 47 Part 15 Subpart C Section 15.225				
Date of receipt of test sample	Jan.19,2018				
Date of testing	Jan.19,2018-Feb.04,2018				
Date of issue	Feb.05,2018				
Result:	PASS				
Compiled by (position+printedname+signature):	File administrators Candy Liu				
Supervised by (position+printedname+signature):	Project Engineer Edward Pan Edward. Pan RF Manager Hans Hu				
Approved by (position+printedname+signature):	RF Manager Hans Hu				
Testing Laboratory Name	Shenzhen Huatongwei International Inspection Co., Ltd.				
Address	1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China				

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The test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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1. TEST STANDARDS AND TEST DESCRIPTION

1.1. Test Standards

The tests were performed according to following standards:

FCC Rules Part 15.225: Operation within the band 13.110-14.010 MHz

ANSI C63.10-2013: American National Standard for Testing Unlicensed Wireless Devices.

1.2. Report version

Version No. Date of issue		Description		
00 Feb.05,2018		Original		

2. Test Description

Test Item	Section in CFR 47	Result	
Antenna requirement	15.203	Pass	
AC Power Line Conducted Emissions	15.207	Pass	
Field Strength of Fundamental Emissions and Mask Measurement	15.225	Pass	
20dB Occupied Bandwidth	15.215&15.215	Pass	
Radiated Emission	15.209	Pass	
Frequency Stability Measurement	15.225	Pass	

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

3. SUMMARY

3.1. Client Information

Applicant:	Bak USA Technologies Corp.	
Address: 425 Michigan Avenue,Buffalo,New York 14203,USA		
Manufacturer: Bak USA Technologies Corp.		
Address: 425 Michigan Avenue,Buffalo,New York 14203,USA		

3.2. Product Description

Name of EUT:	Tablet PC	
Trade Mark:	-	
Model No.:	Seal WiFi	
Listed Model(s):	-	
Power supply:	DC 3.7V From exchange battery	
Adapter information:	Input: 100-240Va.c., 50/60Hz, 0.6A Output: 5Vd.c.,5A	
Hardware version:	1.1	
Software version:	1703	
NFC		
Operation frequency:	13.56MHz	
Channel number:	1	
Modulation Type:	ASK	
Antenna type:	Integral antenna	
Antenna gain:	a gain: 2dBi	

3.3. EUT operation mode

For RF test items
The engineering test program was provided and enabled to make EUT continuous transmit.
For AC power line conducted emissions:
The EUT was set to connect with large package sizes transmission.

3.4. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

• - supplied by the manufacturer

supplied by the lab

Manufacturer : /
Model No. : /
Manufacturer : /
Model No.: /

3.5. Modifications

No modifications were implemented to meet testing criteria.

4. TEST ENVIRONMENT

4.1. Address of the test laboratory

Laboratory:Shenzhen Huatongwei International Inspection Co., Ltd. Address: 1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China Phone: 86-755-26748019 Fax: 86-755-26748089

4.2. Test Facility

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

CNAS-Lab Code: L1225

Shenzhen Huatongwei International Inspection Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories.

A2LA-Lab Cert. No. 3902.01

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

FCC-Registration No.: 762235

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files.

IC-Registration No.: 5377B-1

Two 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No. 5377B-1.

ACA

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our A2LA accreditation.

4.3. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15~35°C
lative Humidity:	30~60 %
Air Pressure:	950~1050mba

4.4. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors in calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report according to TR-100028-01 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics;Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement characteristics;Part 2" and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd quality system according to ISO/IEC 17025. Further more, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Here after the best measurement capability for Shenzhen Huatongwei is reported:

Test Items	MeasurementUncertainty	Notes
Conducted spurious emissions 9KHz-30MHz	3.39 dB	(1)
Radiated Emissions 30~1000MHz	4.24 dB	(1)
Radiated Emissions 1~18GHz	5.16 dB	(1)
Radiated Emissions 18-40GHz	5.54 dB	(1)
Occupied Bandwidth		(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

4.5. Equipments Used during the Test

Conduc	Conducted Emissions					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. (mm-dd-yy)	Next Cal. (mm-dd-yy)
1	EMI Test Receiver	R&S	ESCI	101247	11/11/2017	11/10/2018
2	Artificial Mains	SCHWARZBECK	NNLK 8121	573	11/11/2017	11/10/2018
3	Pulse Limiter	R&S	ESH3-Z2	101488	11/11/2017	11/10/2018
4	Test Software	R&S	ES-K1	N/A	N/A	N/A
5	RF Connection Cable	HUBER+SUHNER	EF400	N/A	11/21/2017	11/20/2018
6	Single Balanced Telecom Pair ISN	FCC	FCC-TLISN-T2- 02	20371	11/11/2017	11/10/2018
7	Two Balanced Telecom Pairs ISN	FCC	FCC-TLISN-T4- 02	20373	11/11/2017	11/10/2018
8	Four Balanced Telecom Pairs ISN	FCC	FCC-TLISN-T8- 02	20375	11/11/2017	11/10/2018
9	V-Network	R&S	ESH3-Z6	100211	11/11/2017	11/10/2018
10	V-Network	R&S	ESH3-Z6	100210	11/11/2017	11/10/2018
11	2-Line V- Network	R&S	ESH3-Z5	100049	11/11/2017	11/10/2018

Radiate	ed Emissions					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. (mm-dd-yy)	Next Cal. (mm-dd-yy)
1	EMI Test Receiver	R&S	ESCI	101247	11/11/2017	11/10/2018
2	Loop Antenna	R&S	HFH2-Z2	100020	11/20/2017	11/19/2018
3	Ultra- Broadband Antenna	SCHWARZBECK	VULB9163	538	4/5/2017	4/4/2020
4	Horn Antenna	SCHWARZBECK	9120D	1011	3/27/2017	3/26/2020
5	Horn Antenna	SCHWARZBECK	BBHA9170	25841	3/27/2017	3/26/2018
6	Preamplifier	SCHWARZBECK	BBV 9743	9743-0022	10/18/2017	10/17/2018
7	Broadband Preamplifier	SCHWARZBECK	BBV 9718	9718-248	10/18/2017	10/17/2018
8	High pass filter	Compliance Direction systems	BSU-6	34202	11/11/2017	11/10/2018
9	Turntable	MATURO	TT2.0	/	N/A	N/A
10	Antenna Mast	MATURO	TAM-4.0-P	/	N/A	N/A
11	EMI Test Software	R&S	ESK1	N/A	N/A	N/A
12	EMI Test Software	Audix	E3	N/A	N/A	N/A

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13	RF Connection Cable	HUBER+SUHNE R	3m 3GHz S	N/A	11/21/2017	11/20/2018
14	RF Connection Cable	HUBER+SUHNE R	3m 3GHz RG	N/A	11/21/2017	11/20/2018
15	RF Connection Cable	HUBER+SUHNE R	6m 18GHz S	N/A	11/21/2017	11/20/2018

RF Con	RF Conducted Method							
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal. (mm-dd-yy)	Next Cal. (mm-dd-yy)		
1	EXA Signal Analyzer	Agilent	N9020A	184247	9/22/2017	9/21/2018		
2	OSP	R&S	OSP120	101317	N/A	N/A		
3	OSP	R&S	OSP-B157	100890	N/A	N/A		
4	Signal generator	R&S	SMB100A	177956	11/11/2017	11/10/2018		
5	Vector signal generator	R&S	SMBV100A	260790	7/20/2017	7/19/2018		
6	EXA Signal Analyzer	Agilent	N9020A	184247	9/22/2017	9/21/2018		
7	Power Meter	Agilent	U2021XA	178231	9/22/2017	9/21/2018		
8	DAQ Device	Agilent	U2531A	132812	9/22/2017	9/21/2018		

5. TEST CONDITIONS AND RESULTS

5.1. Antenna requirement

Requirement

FCC CFR Title 47 Part 15 Subpart C Section 15.203:

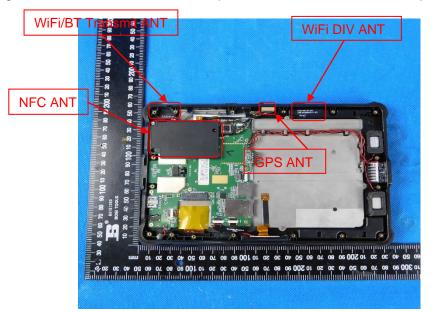
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of anantenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Refer to statement below for compliance.

The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

Test Result:

The directional gain of the antenna less than 6 dBi, please refer to the below antenna photo.



5.2. AC Power Conducted Emissions

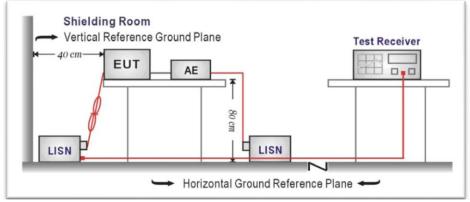
LIMIT

ECC CED	Titlo 47	Dort 15	Subport C	Soction	15 207.
FCC CFR	11110 47	Fall 10	Suppart C	Section	10.207.

Frequency range (MHz)	Limit (dBuV)			
Frequency range (MHz)	Quasi-peak	Average		
0.15-0.5	66 to 56*	56 to 46*		
0.5-5	56	46		
5-30	60	50		

* Decreases with the logarithm of the frequency.

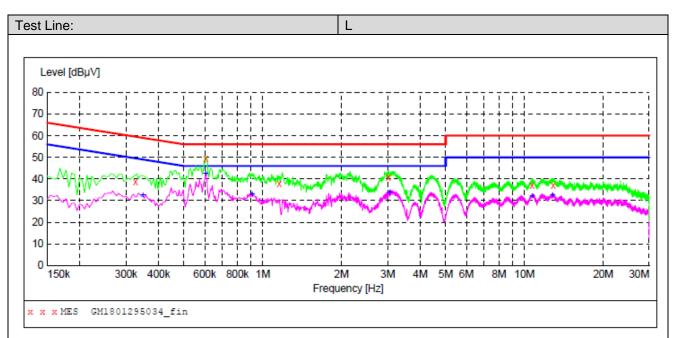
TEST CONFIGURATION



TEST PROCEDURE

- 1. The EUT was setup according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
- The EUT was placed on a plat form of nominal size, 1 m by 1.5 m, raised 10 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 10 cm from any other grounded conducting surface.
- 3. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50ohm / 50uH coupling impedance for the measuring equipment.
- 4. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
- 5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor,was individually connected through a LISN to the input power source.
- 6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
- 7. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
- 8. During the above scans, the emissions were maximized by cable manipulation.

TEST RESULTS



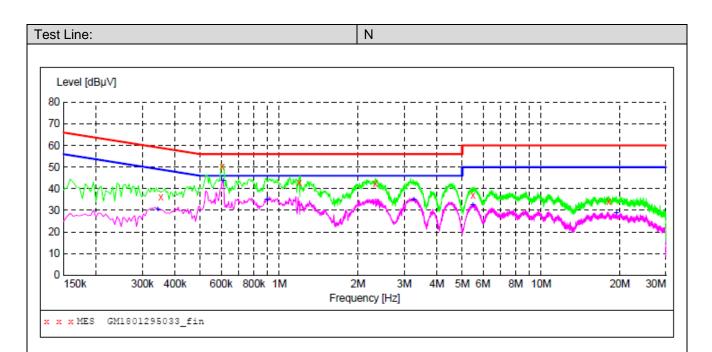
MEASUREMENT RESULT: "GM1801295034_fin"

1/29/2018 1:49PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.325500 0.604500 1.153500 3.016500 10.675500 12.880500	38.80 49.30 38.00 40.60 37.10 37.00	9.9 10.0 10.1 10.1 10.4 10.5	60 56 56 60 60		-	L1 L1 L1 L1 L1	GND GND GND GND GND

MEASUREMENT RESULT: "GM1801295034_fin2"

1/29/2018 1:4 Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.348000	32.60	9.9	49	16.4	AV	L1	GND
0.604500	42.30	10.0	46	3.7	AV	ь1	GND
0.910500	32.80	10.0	46	13.2	AV	L1	GND
3.048000	33.50	10.1	46	12.5	AV	L1	GND
10.711500	32.00	10.4	50	18.0	AV	L1	GND
12.817500	32.60	10.5	50	17.4	AV	L1	GND



MEASUREMENT RESULT: "GM1801295033_fin"

1/29/2018 1:46PM Frequency Level Transd Limit Margin Detector Line PE MHz dBµV dB dBµV dB 9.9 59 0.352500 36.10 22.8 QP Ν GND 10.0 0.604500 50.10 5.9 QP 56 Ν GND 1.19400042.9010.1562.33250042.5010.1565.49600037.2010.26018.11400033.9010.660 42.90 10.1 13.1 QP Ν GND 13.5 QP N GND 22.8 QP N GND 26.1 QP N GND

MEASUREMENT RESULT: "GM1801295033 fin2"

1/29/2018 1:4 Frequency MHz		Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.343500	30.30	9.9	49	18.8	AV	N	GND
0.609000	43.00	10.0	46	3.0	AV	N	GND
0.897000	34.80	10.0	46	11.2	AV	N	GND
3.259500	35.00	10.1	46	11.0	AV	N	GND
5.496000	32.50	10.2	50	17.5	AV	N	GND
19.405500	28.70	10.6	50	21.3	AV	Ν	GND

5.3. Field Strength of Fundamental Emission and Mask Measurement

Limit

Operation frequency range 13.11MHz~14.01MHz.

According to ANSI C63:10-2013 Clause 6.4.4.The measured distance great than $\lambda/2 \pi$ at 13.56MHz. So the measured field strength is

$$FS_{\text{limit}} = FS_{\text{max}} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

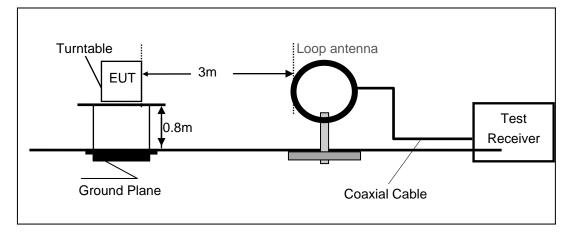
 FS_{limit} is the calculation of field strength at the limit distance, expressed in dBµV/m FS_{max} is the measured field strength, expressed in dBµV/m d_{near} field is the $\lambda/2\pi$ distance

 d_{measure} is the distance of the measurement point from the EUT d_{limit} is the reference limit distance

Frequency (MHz)	Field Strength (microvolts/meter) at 30m	Field Strength (dBuV/m) at 3m
1.705~13.110	30	49.5
13.110~13.410	106	60.5
13.410~13.553	334	70.5
13.553~13.567	15848	104.0
13.567~13.710	334	70.5
13.710~14.010	106	70.5
14.010~30.000	30	49.5

TEST CONFIGURATION

Radiated Emission Test Set-Up Frequency range 9KHz–30MHz



TEST PROCEDURE

- 1. The EUT was tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.225 requirements.
- 2. The EUT is placed on a turn table which is 0.8 meter above ground plane. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 3. The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna.
- 5. Use the following spectrum analyzer settings
- 6. Span shall wide enough to fully capture the emission being measured;
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) From 13.11MHz to 14.01MHz, RBW=10KHz, VBW=30KHz, Sweep=auto, Detector function=peak,

(3) Below 1GHz, RBW=120KHz, VBW=300KHz, Sweep=auto, Detector function=peak, Trace=max hold; If the emission level of the EUT measured by the peak detectoris 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

TEST RESULTS

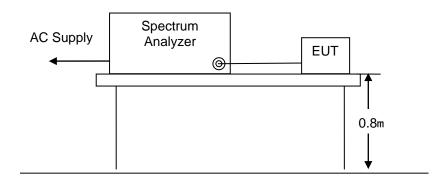
Frequency MHz	Mea.Frequency MHz	Test result (dBµV/m@3m)	Limit (dBuV/m @3m)	Margin dB	Det.	Result
13.110~13.410	13.400	24.69	60.50	-35.81	Quasi	Pass
13.410~13.553	13.551	24.16	70.50	-46.34	Quasi	Pass
13.553~13.567	13.560	52.76	104.00	-51.24	Quasi	Pass
13.567~13.710	13.568	24.11	70.50	-46.39	Quasi	Pass
13.710~14.010	13.710	24.27	65.50	-41.23	Quasi	Pass

5.4. 20 dB Occupied Bandwidth

Limit

Operation frequency range 13.11MHz~14.01MHz.

TEST CONFIGURATION



TEST PROCEDURE

1.As required by 47 CFR 15.215 and 47 CFR 15.225

2. The EUT connected to the spectrum analyzer was operated in linear scale and 2.0MHz span mode after tuning to the transmitter frequency.

TEST RESULTS

quency(MHz)	20dB E	Bandwidth(KHz)	Res
13.56		83.90	PAS
Spectrum Ref Level 0.0 Att Plpk Max	0 dBm Offset 1.00 dB ● 10 dB SWT 189.6 µs ●		
-10 dBm		M2[1]	- 19.98 dBm 13.56000 MHz - 40.01 dBm 13.51510 MHz
-30 dBm	19.980 dBm	M1 Q1	
-50 dBm	mmm	mar shing have	1 MM
-70 dBm			
-80 dBm			
-90 dBm			
CF 13.56 MHz		691 pts	Span 1.0 MHz
Marker Type Ref T M1	1 13.5151 MHz	Y-value Function -40.01 dBm	Function Result
D1 M1 M2	1 83.9 kHz 1 13.56 MHz	0.17 dB -19.98 dBm	

5.5. Radiated Emissions

LIMIT

For intentional device, according to § 15.209(a), the general requirement of field strength of radiated emission from intentional radiators at a distance of 3 meters shall not exceed the following table:

Frequency (MHz)	Distance(Meters)	Radiated(dBµV/m)	Radiated(µV/m)
0.009 - 0.490	300	20*log(2400/F(kHz))	2400/F(kHz)
0.490 - 1.705	30	20*log(24000/F(kHz))	24000/F(kHz)
1.705 - 30.0	30	29.54	30
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

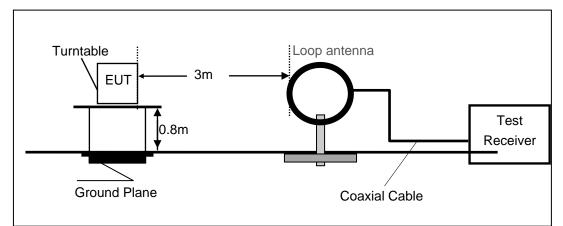
Remark:At frequencies below 30MHz, Limit 3m(dBuV)=Limit xm(dBuV)+20log(xm/3m); At frequencies below 30MHz, Limit 3m(dBuV)=Limit xm(dBuV)+40log(xm/3m),x replace the number 10.30.300.

In addition to the provisions of §15.249, the field strength of emissions from intentional radiators operated under this section shall not exceed thefollowing:

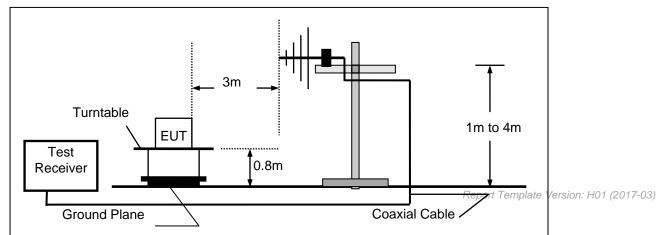
Fundamental frequency	Field strength of fundamental	Field strength of harmonics
	(millivolts/meter)	(microvolts/meter)
902-928 MHz	50	500
2400-2483.5 MHz	50	500
5725-5875 MHz	50	500
24.0-24.25 GHz	250	2500

TEST CONFIGURATION

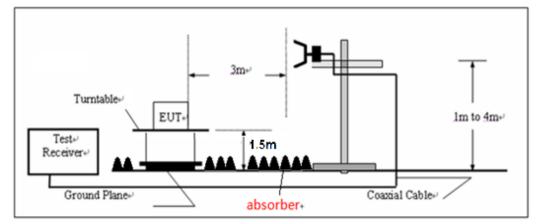
Radiated Emission Test Set-Up Frequency range 9KHz–30MHz



Frequency range30MHz – 1000MHz



Frequency range above 1GHz-25GHz



TEST PROCEDURE

- 7. The EUT was tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
- 8. The EUT is placed on a turn table which is 0.8/1.5 meter above ground plane. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- 9. The EUT waspositioned such that the distance from antenna to the EUT was 3 meters.
- 10. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna.
- 11. Use the following spectrum analyzer settings
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Below 1GHz, RBW=120KHz, VBW=300KHz, Sweep=auto, Detector function=peak, Trace=max hold; If the emission level of the EUT measured by the peak detectoris 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
 - (3) Above 1GHz, RBW=1MHz, VBW=3MHz Peak detetor for Peak value RBW=1MHz, VBW=3MHz RMS detetor for Average value.

Remark: "floor-standing equipment" Where possible, the antenna(s) of the EUT shall be located at a height of 1.5 m above the floor, and the intentional radiator circuitry shall be located within the system at a height of at least 0.8 m above the floor.

TEST RESULTS

■ 9kHz ~ 30MHz

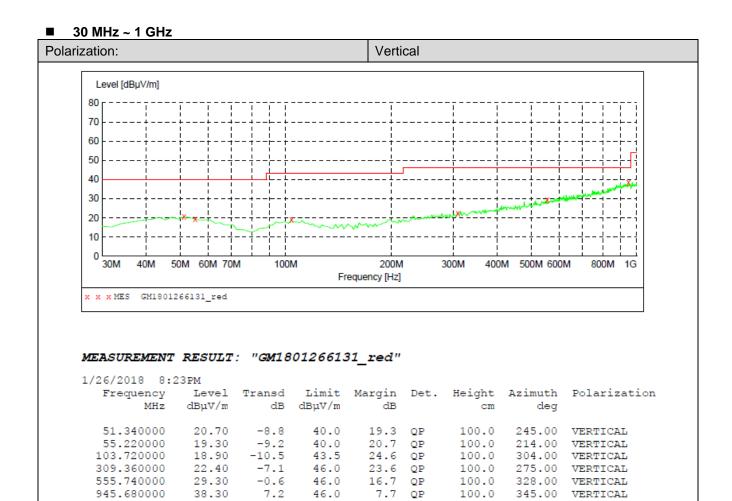
The EUT was pre-scanned the frequency band (9KHz~30MHz), found the radiated level lower than the limit, so don't show on the report.

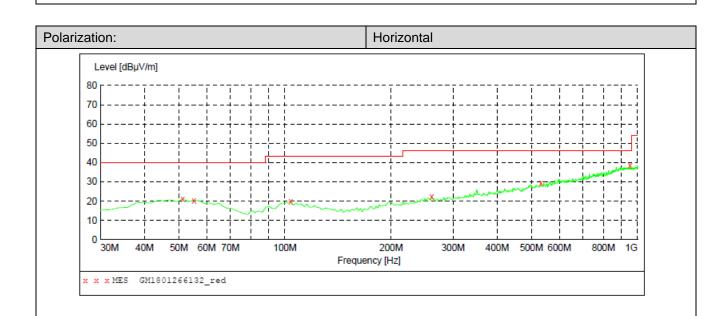
945.680000

38.30

7.2

46.0





100.0

345.00

VERTICAL

MEASUREMENT RESULT: "GM1801266132_red"

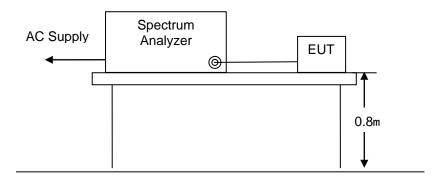
1/26/2018 8:27PM									
Frequen M	_	Level dBµV/m		Limit dBµV/m	Margin dB	Det.	Height cm	Azimuth deg	Polarization
51.3400	00	21.20	-8.8	40.0	18.8	QP	100.0	205.00	HORIZONTAL
55.2200	00	20.40	-9.2	40.0	19.6	QP	300.0	326.00	HORIZONTAL
103.7200	00	19.90	-10.5	43.5	23.6	QP	300.0	61.00	HORIZONTAL
260.8600	00	22.40	-8.1	46.0	23.6	QP	300.0	101.00	HORIZONTAL
532.4600	00	29.60	-1.1	46.0	16.4	QP	300.0	31.00	HORIZONTAL
951.5000	00	38.30	7.3	46.0	7.7	QP	300.0	144.00	HORIZONTAL

5.6. Frequency Stability Measurement

LIMIT

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, for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C. For battery operated equipment, the equipment tests shall be performed using a new battery.

TEST CONFIGURATION



TEST PROCEDURE

- 1. The transmitter output (antenna port) was connected to the spectrum analyzer.
- 2. EUT have transmitted absence of modulation signal and fixed channelize
- 3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
- 4. Set RBW=1KHz, VBW=1KHz with peak detector and maxhold settings.
- 5. fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc x106 ppm and the limit is less than \pm 100ppm.
- 6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
- 7. Extreme temperature rule is -20°C ~50°C

TEST RESULTS

Reference Frequency: 13.56MHz							
	Tomporature (°C)	Frequer	ncy error	$\lim_{n \to \infty} \frac{1}{n} $	Desult		
Power supplied (Vdc)	Temperature (°C)	Hz %		Limit(%)	Result		
	-20	46.00	0.00034		Pass		
	-10	52.00	0.00038	+/- 0.01			
	0	44.00	0.00032				
0.7	10	38.00	0.00028				
3.7	20	57.00	0.00042				
	30	49.00	0.00036				
	40	53.00	0.00039				
	50	44.00	0.00032				

Reference Frequency: 13.56MHz								
Temperature (℃)	Power supplied (Vdc)	Freque	ncy error	Limit(%)	Result			
remperature (C)	Fower supplied (vuc)	Hz	%					
	3.60	42.00	0.00031		Pass			
20	3.70	49.00	0.00036	+/- 0.01				
	4.20	51.00	0.00038					

6. Test Setup Photos of the EUT

Conducted Emissions (AC Mains)



Radiated Emissions





7. External and Internal Photos of the EUT

Reference to the test report No.: TRE1801015401.

-----End of Report-----