

## ANNEX B\_EMI TEST RESULT

### REVISION HISTORY

The revision history for this test report is shown in table.

Revision No.	Date of Issue	Description
0	July 22, 2019	Initial Release

The device bearing the trade name and model specified above, has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2014. (See Test Report if any modifications were made for compliance)

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

HCT certifies that no party to application has been denied the FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C 862

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## 1. GENERAL INFORMATION

### 1.1 Details of Support Equipment

All equipment descriptions used in the tested system (including inserted cards) are:

Device Type	Model Name	Manufacturer	Tech. Information
EUT	SM-R825U	SAMSUNG	-
TA	EP-TA200	SOLUM	Input: AC 100~240 V, 50~60 Hz, 0.5 A Output: DC 9.0 V, 1.67 A or DC 5.0 V, 2.0 A
Wireless Pad	EP-OR825	SEV	-

### 1.2 Cable Description

Product Name	Port	Power Cord Shielded (Y/N)	I/O Cable Shielded (Y/N)	Length (m)
EUT	-	-	-	-
Wireless Pad	USB	Y	N/A	(P) 1.0

NOTE. The marked "(D)" means the data cable and "(P)" means the power cable.

### 1.3 Noise Suppression Parts on Cable (I/O Cable)

Product Name	Port	Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
EUT	-	-	-	-	-
Wireless Pad	USB	N	N/A	Y	TA End

### 1.4 Test Facility

Test site is located at 74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, South Korea. Those measurement facilities are constructed in conformance with the requirements of ANSI C63.4-2014. The Normalized site attenuations (30 MHz to 1 GHz) and Site validation (1 GHz to 18 GHz) were performed in accordance with the standard in ANSI C63.4-2014

Measurement Facilities	Designation No.
Radiated Field strength measurement facility 3 m Semi Anechoic chamber	KR0032
Radiated Field strength measurement facility 10 m Semi Anechoic chamber #1	
Radiated Field strength measurement facility 10 m Semi Anechoic chamber #2	

### 1.5 Calibration of Measuring Instrument

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturers recommendations for utilizing calibration equipment, which is traceable to recognized national standards. Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5 (Version : 2006).

### 1.6 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI C63.4-2014. All measurement uncertainty values are shown with a coverage factor of  $k = 2$  to indicate a 95 % level of confidence. The measurement data shown herein meets or exceeds the  $U_{CISPR}$  measurement uncertainty values specified in CISPR 16-4-2 and, thus, can be compared directly to specified limits to determine compliance.

Parameter	Expanded Uncertainty
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Conducted Emission (0.15 MHz to 30 MHz)	1.78 dB
Radiated Emissions (30 MHz to 1 GHz)	6.00 dB
Radiated Emissions (1 GHz to 18 GHz)	4.78 dB
Radiated Emissions (18 GHz to 40 GHz)	4.94 dB

## 2. DESCRIPTION OF TEST

### 2.1 Measurement of Conducted Emission

The test procedure was in accordance with ANSI C63.4-2014, Clause 7.3

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN).

If the EUT is connected to the PC through USB, the AC power-line adapter of the PC is directly connected to a line impedance stabilization network (LISN).

Other support units were connected to the power mains through another LISN. The two LISNs provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both conducted lines are measured in Quasi-Peak and Average mode, including the worst-case data points for each tested configuration.

c. The frequency range from 150 kHz to 30 MHz was searched.

#### Conducted Emission Limits

Frequency (MHz)	Resolution Bandwidth (kHz)	Class A		Class B	
		Quasi-Peak (dB $\mu$ V)	Average (dB $\mu$ V)	Quasi-Peak (dB $\mu$ V)	Average (dB $\mu$ V)
0.15 to 0.5	9	79	66	66 to 56*	56 to 46*
0.5 to 5	9	73	60	56	46
5 to 30	9	73	60	60	50

NOTE. Decreases with the logarithm of the frequency.

## 2.2 Measurement of Radiated Emission

The test procedure was in accordance with ANSI C63.4-2014, Clause 8.3

- a. The EUT was placed on the top of a turn table 0.8 meters above the ground at a semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 m away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from 1 m to 4 m above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 m to 4 m and the turn table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Quasi-Peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to Peak and Average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- g. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. (1 GHz to 40 GHz)

### Radiated Emission Limits

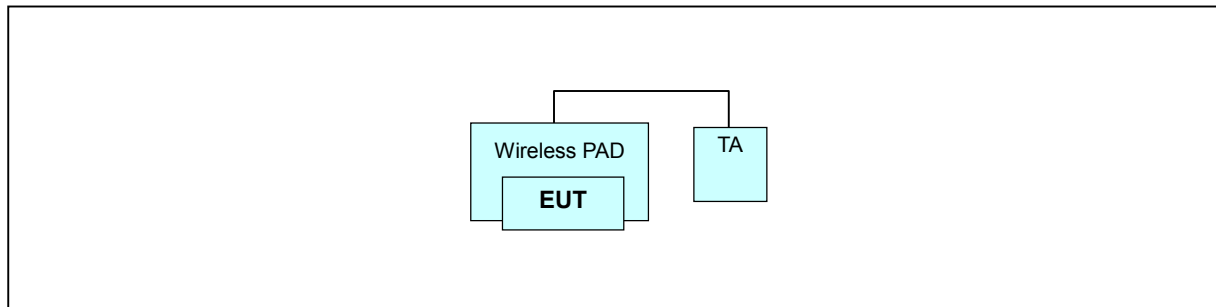
Frequency (MHz)	Class A			Class B		
	Antenna Distance (m)	Field Strength ( $\mu$ V/m)	Quasi-Peak (dB $\mu$ V/m)	Antenna Distance (m)	Field Strength ( $\mu$ V/m)	Quasi-Peak (dB $\mu$ V/m)
30 to 88	10	90	39.0	3	100	40.0
88 to 216	10	150	43.5	3	150	43.5
216 to 960	10	210	46.4	3	200	46.0
Above 960	10	300	49.5	3	500	54.0
Frequency (MHz)	Antenna Distance (m)	Class A		Class B		
		Peak (dB $\mu$ V/m)	Average (dB $\mu$ V/m)	Peak (dB $\mu$ V/m)	Average (dB $\mu$ V/m)	
Above 1 000	3	80	60	74	54	

### 2.2.1 Frequency Range of Radiated Measurements

An unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a Radiated Emission limit is specified, up to the frequency shown in the following table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 to 108	1 000
108 to 500	2 000
500 to 1 000	5 000
Above 1 000	5th harmonic of the highest frequency or 40 GHz, whichever is lower
Below 1.705	30

### 2.3 Configuration of Tested System



Non-Conductive Table

Power Line: 120 VAC, 60 Hz



### 3. PRELIMINARY TEST

During preliminary tests, the following operating mode was investigated.

WCDMA 850 Idle (Low/Middle/High CH)

LTE B26 Idle (Low/Middle/High CH)

LTE B5 Idle (Low/Middle/High CH)

LTE B12 Idle (Low/Middle/High CH)

LTE B13 Idle (Low/Middle/High CH)

NOTE. The worst band is tested

#### 3.1 Conducted Emission

It was tested the following operating mode, after connecting all peripheral devices.

**Operating Mode:** Receiver mode (LTE B12+B13 Middle CH Idle)

#### 3.2 Radiated Emission

It was tested the following operating mode, after connecting all peripheral devices.

**Operating Mode:**

##### 30 MHz to 1 GHz

Receiver mode (LTE B26+B5 Low CH Idle)

Receiver mode (LTE B26+B5 Middle CH Idle)

Receiver mode (LTE B26+B5 High CH Idle)

Receiver mode (LTE B12+B13 Low CH Idle)

Receiver mode (LTE B12+B13 Middle CH Idle)

Receiver mode (LTE B12+B13 High CH Idle)

##### 1 GHz to 18 GHz

Receiver mode (LTE B12+B13 Middle CH Idle)

NOTE.

1. Three orientations have been investigated and the worst case orientation is reported.
2. The worst case of operating mode is reported.

## 4. CONDUCTED EMISSION AND RADIATED EMISSION TEST SUMMARY

### 4.1 Conducted Emission

#### 4.1.1 Measuring instruments

Type	Manufacturer	Model Name	Serial Number	Calibration Cycle	Calibration Date
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESCI	100584	1 year	06.18.2019
<input checked="" type="checkbox"/> LISN	Rohde & Schwarz	ENV216	102245	1 year	12.12.2018
<input checked="" type="checkbox"/> RADIO COMMUNICATION ANALYZER	ANRITSU	MT8820C	6201138643	1 year	08.21.2018
<input checked="" type="checkbox"/> ANTENNA(for Communication)	USLP9142	Schwarzbeck	VSLP 9142-200	-	-
<input checked="" type="checkbox"/> Software	Rohde & Schwarz	EMC32 VER8.54.0	-	-	-

#### 4.1.2 Operating Condition

The test results of conducted emission at mains ports provide the following information:

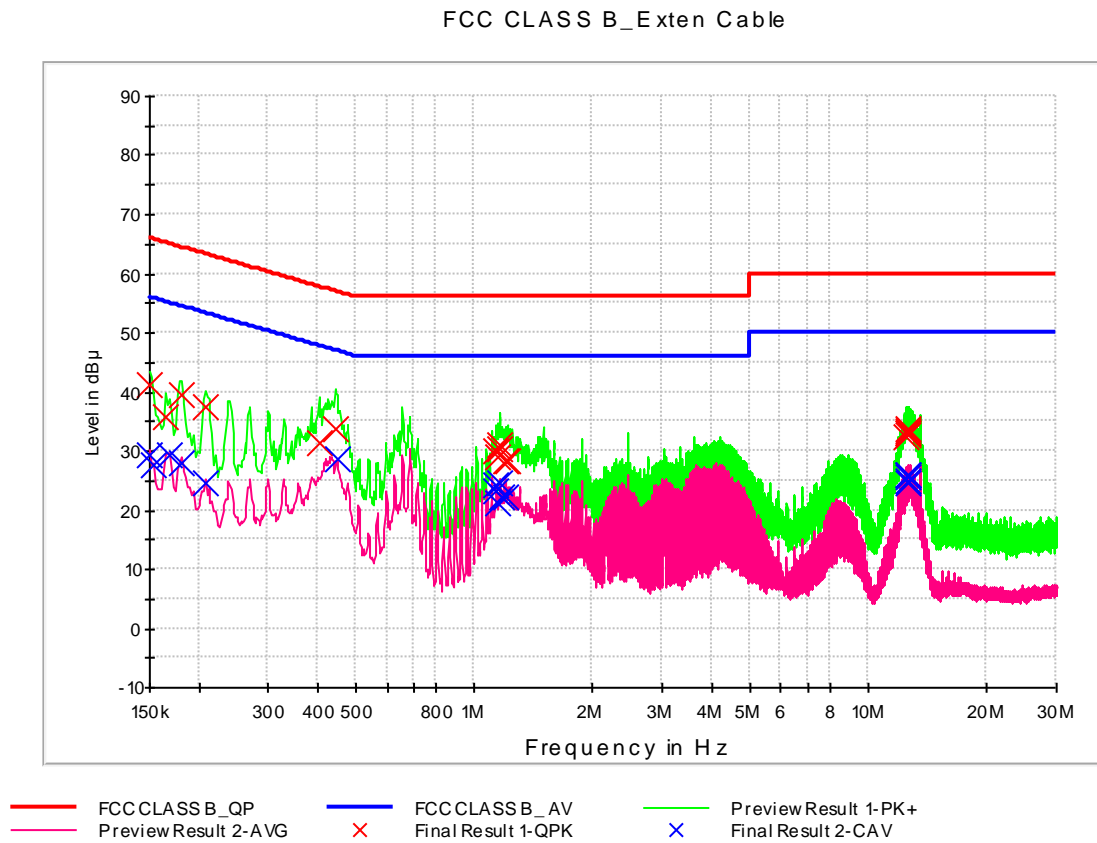
<b>Test Standard Used</b>	FCC CFR 47 PART 15 Subpart B Class B ANSI C63.4-2014
<b>Detector</b>	Quasi-Peak, CISPR-Average
<b>Bandwidth</b>	9 kHz (6 dB)
<b>Operating Mode</b>	Receiver mode (LTE B12+B13 Middle CH Idle)
<b>Kind of Test Site</b>	Shielded Room
<b>Temperature</b>	23.8 °C
<b>Relative Humidity</b>	43.2 %
<b>Test Date</b>	July 22, 2019

**-Calculation Formula:**

1. Conductor L1 = Hot, Conductor N = Neutral
2. Corr. = LISN Factor + Cable Loss
3. QuasiPeak or CAverage= Receiver Reading + Corr.
4. Margin = Limit – QuasiPeak or CAverage

### 4.1.3 Measuring Data

Figure 1: Conducted Emission, Receiver mode (LTE B12+B13 Middle CH Idle), Line (L1)



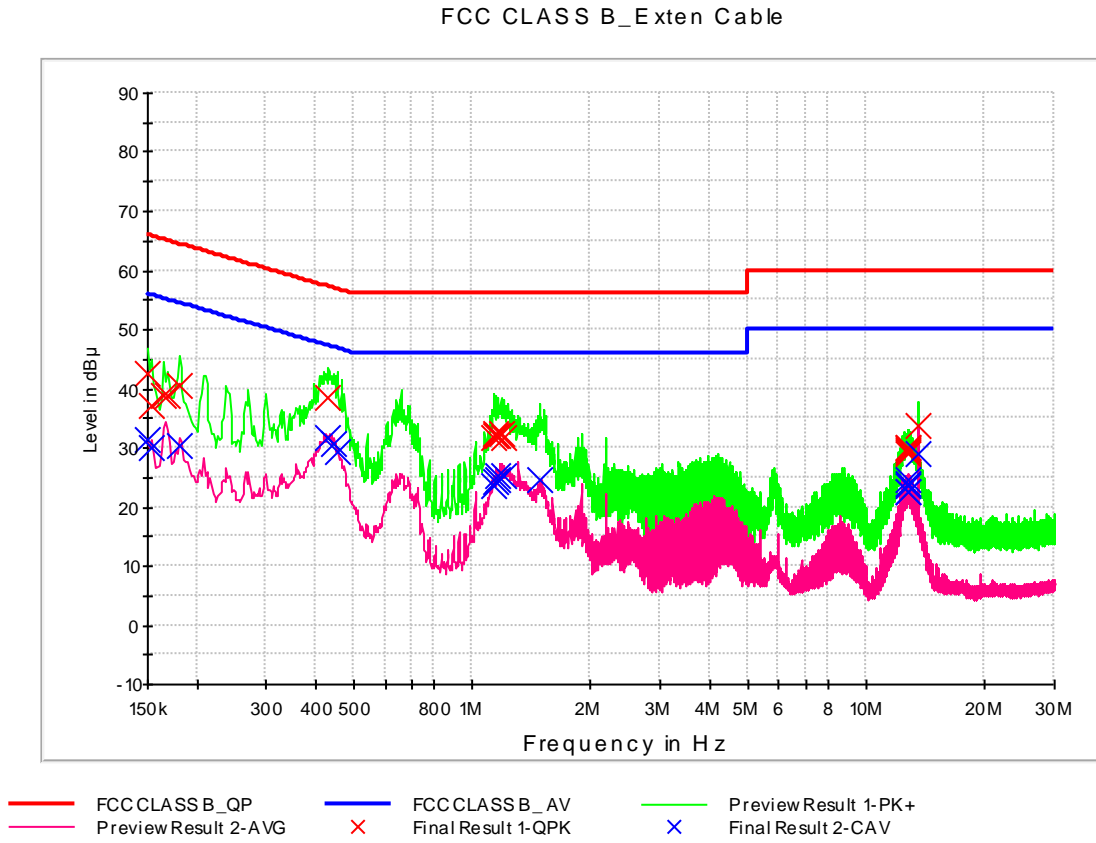
## QuasiPeak Final Result, Line (L1)

Frequency (MHz)	QuasiPeak (dB $\mu$ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)
0.150000	41.2	9.000	L1	9.7	24.8	66.0
0.164000	35.9	9.000	L1	9.7	29.4	65.3
0.180000	39.4	9.000	L1	9.7	25.1	64.5
0.208000	37.3	9.000	L1	9.7	26.0	63.3
0.404000	31.3	9.000	L1	9.7	26.4	57.8
0.444000	33.6	9.000	L1	9.7	23.4	57.0
1.140000	30.1	9.000	L1	9.8	25.9	56.0
1.152000	29.0	9.000	L1	9.8	27.0	56.0
1.162000	30.5	9.000	L1	9.8	25.5	56.0
1.166000	30.9	9.000	L1	9.8	25.1	56.0
1.204000	28.4	9.000	L1	9.8	27.6	56.0
1.212000	28.2	9.000	L1	9.8	27.8	56.0
12.536000	32.5	9.000	L1	10.3	27.5	60.0
12.556000	32.7	9.000	L1	10.3	27.3	60.0
12.560000	33.0	9.000	L1	10.3	27.0	60.0
12.602000	33.3	9.000	L1	10.3	26.7	60.0
12.614000	33.6	9.000	L1	10.3	26.4	60.0
12.632000	32.9	9.000	L1	10.3	27.1	60.0

## CAverage Final Result, Line (L1)

Frequency (MHz)	CAverage (dB $\mu$ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)
0.150000	29.4	9.000	L1	9.7	26.6	56.0
0.154000	27.6	9.000	L1	9.7	28.2	55.8
0.168000	29.4	9.000	L1	9.7	25.7	55.1
0.180000	28.0	9.000	L1	9.7	26.5	54.5
0.208000	24.4	9.000	L1	9.7	28.8	53.3
0.448000	28.6	9.000	L1	9.7	18.3	46.9
1.134000	24.2	9.000	L1	9.8	21.8	46.0
1.140000	23.3	9.000	L1	9.8	22.7	46.0
1.152000	21.3	9.000	L1	9.8	24.7	46.0
1.166000	24.7	9.000	L1	9.8	21.3	46.0
1.174000	22.1	9.000	L1	9.8	23.9	46.0
1.204000	22.1	9.000	L1	9.8	23.9	46.0
12.556000	25.9	9.000	L1	10.3	24.1	50.0
12.560000	24.5	9.000	L1	10.3	25.5	50.0
12.602000	24.8	9.000	L1	10.3	25.2	50.0
12.606000	25.7	9.000	L1	10.3	24.3	50.0
12.614000	25.8	9.000	L1	10.3	24.2	50.0
12.632000	26.0	9.000	L1	10.3	24.0	50.0

Figure 2: Conducted Emission, Receiver mode (LTE B12+B13 Middle CH Idle), Line (N)



## QuasiPeak Final Result, Line (N)

Frequency (MHz)	QuasiPeak (dB $\mu$ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)
0.150000	42.6	9.000	N	9.8	23.4	66.0
0.154000	37.3	9.000	N	9.8	28.5	65.8
0.164000	39.0	9.000	N	9.8	26.3	65.3
0.168000	38.9	9.000	N	9.8	26.2	65.1
0.180000	40.6	9.000	N	9.8	23.9	64.5
0.432000	38.6	9.000	N	9.9	18.6	57.2
1.134000	31.6	9.000	N	10.0	24.4	56.0
1.146000	32.3	9.000	N	10.0	23.7	56.0
1.154000	32.0	9.000	N	10.0	24.0	56.0
1.158000	32.1	9.000	N	10.0	23.9	56.0
1.184000	32.3	9.000	N	10.0	23.7	56.0
1.202000	31.7	9.000	N	10.0	24.3	56.0
12.726000	29.7	9.000	N	10.6	30.3	60.0
12.762000	29.9	9.000	N	10.6	30.1	60.0
12.770000	29.9	9.000	N	10.6	30.1	60.0
12.784000	29.1	9.000	N	10.6	30.9	60.0
12.814000	29.3	9.000	N	10.6	30.7	60.0
13.560000	33.8	9.000	N	10.6	26.2	60.0



## CAverage Final Result, Line (N)

Frequency (MHz)	CAverage (dB $\mu$ V)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)
0.150000	31.3	9.000	N	9.8	24.7	56.0
0.154000	29.9	9.000	N	9.8	25.9	55.8
0.180000	30.3	9.000	N	9.8	24.2	54.5
0.432000	31.5	9.000	N	9.9	15.7	47.2
0.446000	30.6	9.000	N	9.9	16.4	46.9
0.454000	29.2	9.000	N	9.9	17.6	46.8
1.132000	23.6	9.000	N	10.0	22.4	46.0
1.146000	24.3	9.000	N	10.0	21.7	46.0
1.158000	24.5	9.000	N	10.0	21.5	46.0
1.166000	25.4	9.000	N	10.0	20.6	46.0
1.202000	25.2	9.000	N	10.0	20.8	46.0
1.486000	24.7	9.000	N	10.1	21.3	46.0
12.724000	23.7	9.000	N	10.6	26.3	50.0
12.762000	24.4	9.000	N	10.6	25.6	50.0
12.770000	23.9	9.000	N	10.6	26.1	50.0
12.784000	22.7	9.000	N	10.6	27.3	50.0
12.814000	22.6	9.000	N	10.6	27.4	50.0
13.562000	28.9	9.000	N	10.6	21.1	50.0

## 4.2 Radiated Emission Below 1 GHz

### 4.2.1 Measuring instruments

	Type	Manufacturer	Model Name	Serial Number	Calibration Cycle	Calibration Date
<input checked="" type="checkbox"/>	EMI test receiver	Rohde & Schwarz	ESU40	100524	1 year	05.17.2019
<input checked="" type="checkbox"/>	Trilog antenna	Schwarzbeck	VULB 9168	255	2 year	03.26.2019
<input checked="" type="checkbox"/>	Antenna master	INNCO Systems	MA4640-XP-ET	-	N/A	-
<input checked="" type="checkbox"/>	Antenna master controller	INNCO Systems	CO 3000	CO3000/870/ 35990515/L	N/A	-
<input checked="" type="checkbox"/>	Turn Table	INNCO Systems	1060	-	N/A	-
<input checked="" type="checkbox"/>	Turn table controller	INNCO Systems	CO2000	CO2000/095/ 7590304/L	N/A	-
<input checked="" type="checkbox"/>	RADIO COMMUNICATION ANALYZER	ANRITSU	MT8820C	6201138643	1 year	08.21.2018
<input checked="" type="checkbox"/>	Antenna (for Communication)	Schwarzbeck	USLP9142	VSLP 9142-200	-	-
<input checked="" type="checkbox"/>	Software	Rohde & Schwarz	EMC32 VER8.40.0	-	-	-

#### 4.2.2 Operating Condition

The test results of radiated emission provide the following information:

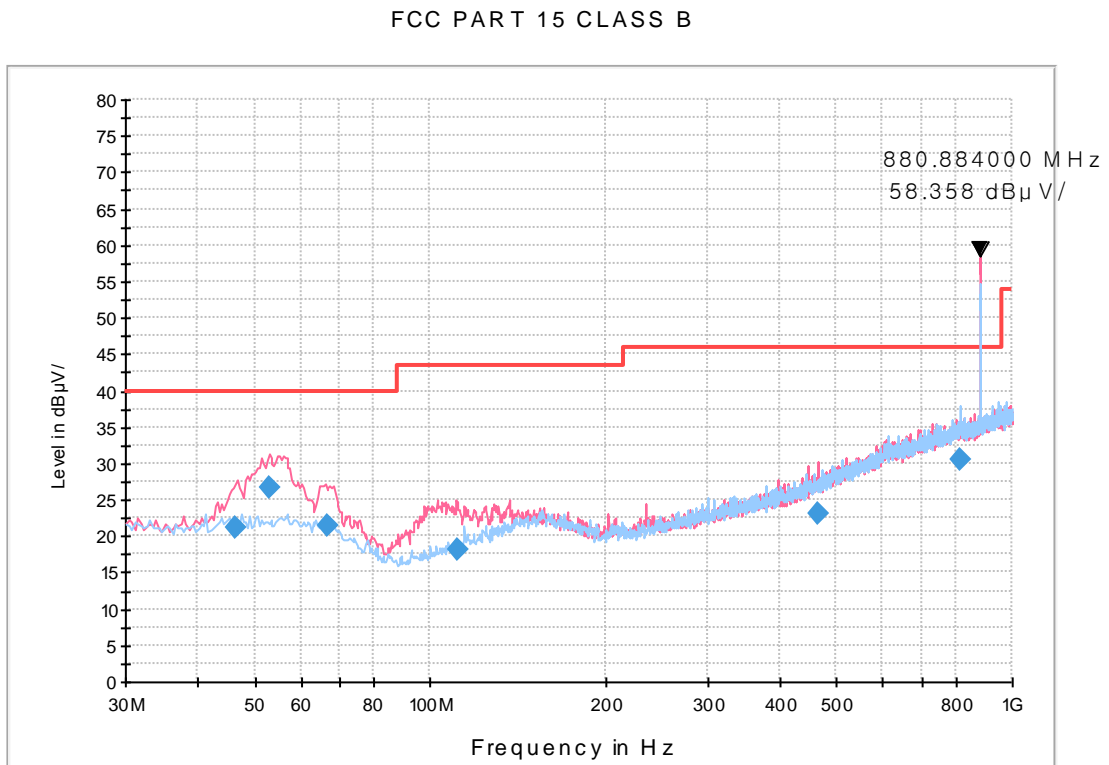
<b>Used Test Standard</b>	FCC CFR 47 PART 15 Subpart B Class B ANSI C63.4-2014
<b>Frequency Range</b>	30 MHz to 1 000 MHz
<b>Detector</b>	Quasi-Peak
<b>Bandwidth</b>	120 kHz (6 dB)
<b>Worst Case of Operating Mode</b>	Receiver mode (LTE B26+B5 Middle CH Idle) Receiver mode (LTE B12+B13+B17 Middle CH Idle)
<b>Kind of Test Site</b>	3 m semi anechoic chamber
<b>Temperature</b>	24.2 °C
<b>Relative Humidity</b>	44.8 %
<b>Test Date</b>	July 22, 2019

**- Calculation Formula:**

1. POL. H = Horizontal, POL. V = Vertical
2. QuasiPeak = Reading (Receiver Reading) + Corr.
3. Corr. (Correction Factor) = Antenna Factor + Cable Loss
4. Margin = Limit - QuasiPeak

### 4.2.3 Measuring Data

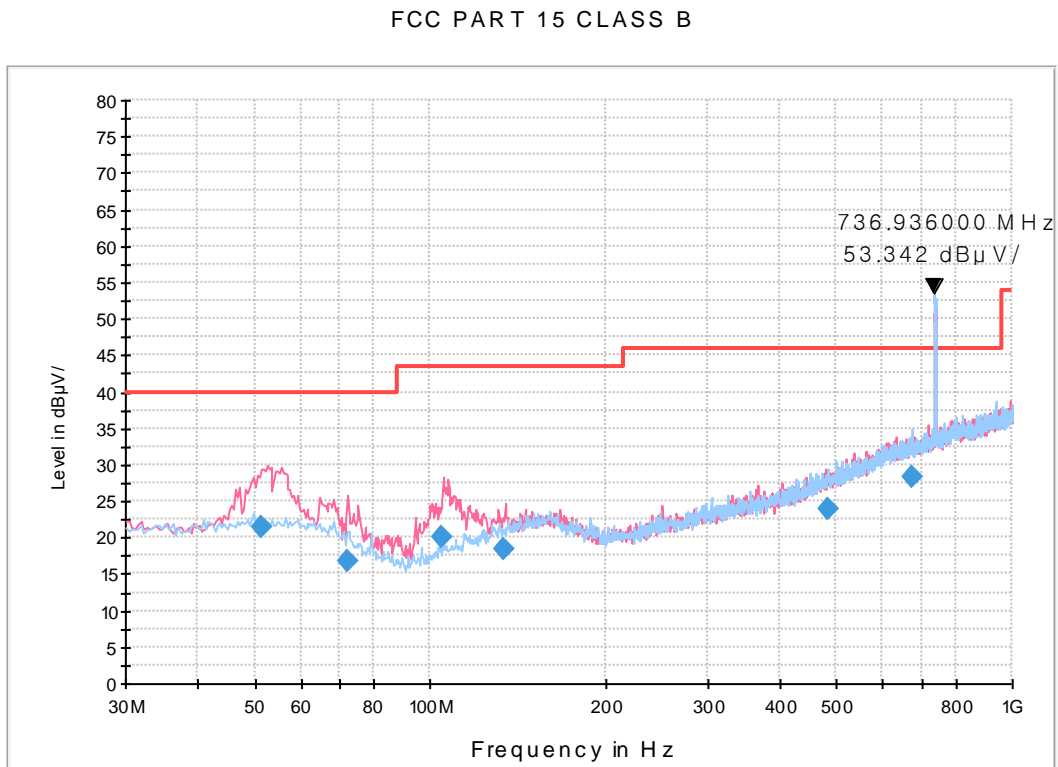
Figure 3: Radiated Emission, Receiver mode (LTE B26+B5 Middle CH Idle)



- note. 1. LTE B26+B5 Middle ch Rx Frequency: 880.884 MHz
- 2. These are signals for fundamental frequency from the base station

Frequency (MHz)	Quasi Peak (dBµ V/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµ V/m)
46.245600	21.3	125.2	V	0.0	19.5	18.7	40.0
53.111200	26.7	100.0	V	179.0	19.7	13.3	40.0
66.825600	21.5	100.0	V	213.0	18.5	18.5	40.0
111.253600	18.1	100.0	V	188.0	16.5	25.4	43.5
463.858400	23.2	192.8	V	151.0	24.4	22.8	46.0
812.908800	30.6	174.7	H	27.0	30.5	15.4	46.0

Figure 4: Radiated Emission, Receiver mode (LTE B12+B13 Middle CH Idle)



- NOTE. 1. LTE B12+B13 Middle CH RX Frequency: 736.936 MHz  
 2. These are signals for fundamental frequency from the base station

Frequency (MHz)	Quasi Peak (dBµ V/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµ V/m)
51.528800	21.6	125.2	V	91.0	19.8	18.4	40.0
72.284800	16.9	100.0	V	297.0	17.6	23.1	40.0
104.934400	20.1	100.0	V	319.0	15.7	23.4	43.5
133.991200	18.4	125.2	V	188.0	18.5	25.1	43.5
482.361600	24.0	100.0	H	1.0	24.9	22.0	46.0
674.938400	28.4	225.2	H	171.0	28.5	17.6	46.0

### 4.3 Radiated Emission Above 1 GHz

#### 4.3.1 Measuring instruments

	Type	Manufacturer	Model Name	Serial Number	Calibration Cycle	Calibration Date
<input checked="" type="checkbox"/>	EMI test receiver	Rohde & Schwarz	ESU40	100524	1 year	05.17.2019
<input checked="" type="checkbox"/>	Antenna master	INNCO Systems	MA4640-XP-ET	-	N/A	-
<input checked="" type="checkbox"/>	Antenna master controller	INNCO Systems	CO3000	CO3000/870/ 35990515/L	N/A	-
<input checked="" type="checkbox"/>	Turn table	INNCO Systems	1060	-	N/A	-
<input checked="" type="checkbox"/>	Turn table controller	INNCO Systems	CO2000	CO2000/095/ 7590304/L	N/A	-
<input checked="" type="checkbox"/>	Horn antenna	Schwarzbeck	BBHA 9120D	01836	1 year	07.19.2019
<input checked="" type="checkbox"/>	Low Noise amplifier	TESTEK	TK-PA18H	170034-L	1 year	03.04.2019
<input type="checkbox"/>	Power Amplifier	TESTEK	TK-PA1840H	170030-L	1 year	12.17.2019
<input type="checkbox"/>	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA 9170 #786	2 year	12.05.2017
<input checked="" type="checkbox"/>	RADIO COMMUNICATION ANALYZER	ANRITSU	MT8820C	6201138643	1 year	08.21.2018
<input checked="" type="checkbox"/>	ANTENNA (for Communication)	Schwarzbeck	USLP9142	VSLP 9142-200	-	-
<input checked="" type="checkbox"/>	Software	Rohde & Schwarz	EMC32 VER8.40.0	-	-	-

### 4.3.2 Operating Condition

The test results of radiated emission provide the following information:

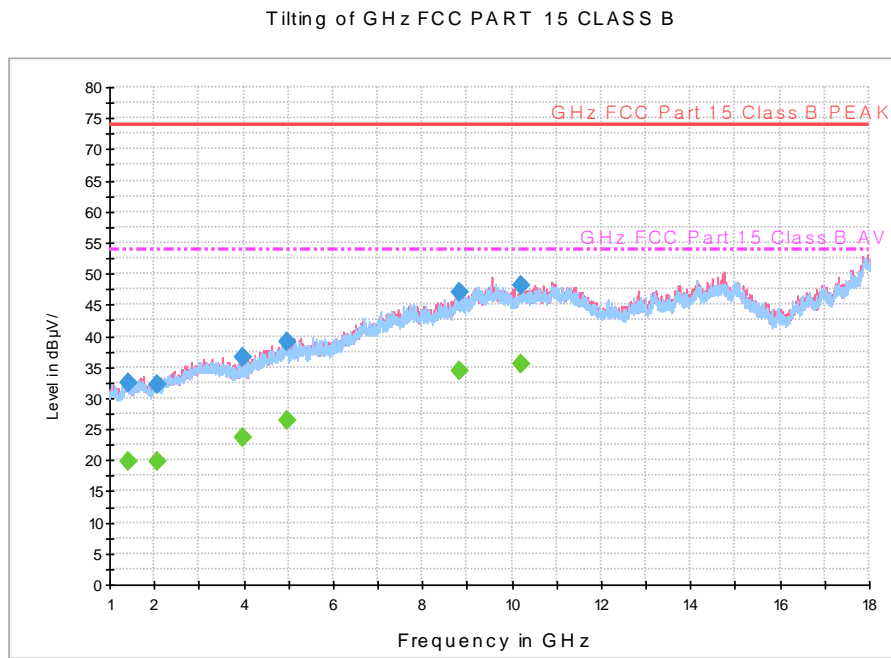
<b>Used Test Standard</b>	FCC CFR 47 PART 15 Subpart B Class B ANSI C63.4-2014
<b>Detector</b>	Peak mode: Peak (RBW: 1 MHz, VBW: 3 MHz) CISPR-Average mode: Peak (RBW: 1 MHz, VBW: 10 Hz)
<b>Highest Frequency</b>	2 462 MHz
<b>Tested Frequency Range</b>	1 GHz to 18 GHz
<b>Operation Mode</b>	Receiver mode (LTE B12+B13 Middle CH Idle)
<b>Kind of Test Site</b>	3 m semi anechoic chamber
<b>Temperature</b>	24.2 °C
<b>Relative Humidity</b>	44.8 %
<b>Test Date</b>	July 22, 2019

**- Calculation Formula:**

1. POL. H = Horizontal, POL. V = Vertical
2. Peak or CAverage = Reading (Receiver Reading) + Corr.
3. Corr. (Correction Factor) = Antenna Factor+ Cable Loss -Amplifier Gain
4. Margin = Limit - Peak or CAverage

### 4.3.3 Measuring Data

Figure 11: Radiated Emission, Receiver mode (LTE B12+B13 Middle CH Idle)



Frequency (MHz)	Peak (dBµ V/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBµ V/m)
1404.995000	32.5	150.1	V	319.0	-26.0	41.5	74.0
2062.010000	32.1	299.8	V	330.0	-25.0	41.9	74.0
3995.970000	36.6	199.9	H	229.0	-19.6	37.4	74.0
4971.555000	39.0	150.1	H	112.0	-15.8	35.0	74.0
8841.265000	46.9	149.8	V	186.0	-7.0	27.1	74.0
10221.715000	48.2	150.2	H	145.0	-4.3	25.8	74.0



Frequency (MHz)	CAverage (dB $\mu$ V/m)	Antenna Height (cm)	POL. (H/V)	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V/m)
1404.995000	19.7	150.1	V	319.0	-26.0	34.3	54.0
2062.010000	19.8	299.8	V	330.0	-25.0	34.2	54.0
3995.970000	23.7	199.9	H	229.0	-19.6	30.3	54.0
4971.555000	26.3	150.1	H	112.0	-15.8	27.7	54.0
8841.265000	34.3	149.8	V	186.0	-7.0	19.7	54.0
10221.715000	35.5	150.2	H	145.0	-4.3	18.5	54.0

## 5. EMI TEST SETUP PHOTO

Please refer to Appendix and test setup photo file no. as follows;

Revision No.	Date of Issue	File No.
0	July 22, 2019	HCT-RF-1907-FI027-P

End of report