

PCB GSM

TEST REPORT

Report No: KST-FCR-140011

Applicant	Name	Bluebird Inc.		
	Address	(Dogok-dong, SEI Tower 13,14) 39, Eonjuro30-gil, Gangnam-gu, Seoul, South Korea		
Manufacturer	Name	Bluebird Inc.		
	Address	(Dogok-dong, SEI Tower 13,14) 39, Eonjuro30-gil, Gangnam-gu, Seoul, South Korea		
Equipment Name		Countertop Payment Terminal		
	Model No	P3500		
Brand		-		
	FCC ID	SS4P3500		
Test Standard	FCC CFR 4	47, Part15.109		
Test Date(s)	2014. 12.	2014. 12. 17 - 2014. 12. 18		
Issue Date	2014. 12.	2014. 12. 19		
Test Result	Compliance	е		
Note	None			

Supplementary Information

The device bearing the brand name and FCC ID specified above has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with measurement procedures specified in ANSI C 63.10-2009.

We attest to the accuracy of data and all measurements reported herein were performed by KOSTEC Co., Ltd. and were made under Chief Engineer's supervision. We assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

Tested by	Mi Young, Lee	Approved by	Gyeong Hyeon, Park
Signature	of moto	Signature	8

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1. GENERAL INFORMATION

1.1 Test Facility

Test laboratory and address

KOSTEC Co., Ltd.

128(175-20, Annyeong-dong) 406-gil sejaro, Hwaseong-si Gyeonggi-do, Korea

The open area field test site and conducted measurement facility are used for these testing. This site at was fully described in a reports submitted to the Federal Communications Commission (FCC).

The details of these reports have been found to be in complies with the requirements of Section 2.948 of the FCC Rules on November 14, 2002. The facility also complies with the radiated and conducted test site criteria set forth in ANSI C 63.10-2009.

The Federal Communications Commission (FCC) has the reports on file and KOSTEC Co., Ltd. is listed under FCC Registration No.525762. The test site has been approved by the FCC for public use and is List in the FCC Public Access Link CORES (Commission Registration System)

Registration information

KCC (Korea Communications Commission) Number : KR0041 KOLAS(Korea Laboratory Accreditation Scheme) Number : 232

FCC Registration Number(FRN) : 525762 VCCI Registration Number : R-1657 / C -1763

IC Registration Site Number: 8305A

1.2 Location



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Revision History of test report

Rev.	Revisions	Effect page	Effect page Reviewed	
-	Initial issue	tial issue All		2014. 12. 19

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2. EQUIPMENT DESCRIPTION

The product specification described herein was declared by manufacturer. And refer to user's manual for the details.

Equipment Name	Countertop Payment Terminal				
Model No	P3500				
Usage	data transmission				
Serial Number	Proto type				
Radio access Type	TDMA				
Modulation type	GPRS: GMSK				
Operating Mode	Maximum continuous output power using Radio Communication Analyzer				
Max. Output power	GPRS 850: 29.14 dBm _{erp} GPRS1900: 27.98 dBm _{eirp}				
Operated Frequency (UP Link)	GPRS for GSM 850: 824.2 MHz - 848.8 MHz GPRS for GSM1900: 1850.2 MHz - 1909.8 MHz				
Tx/Rx Channel Separation	850 MHz Band: 45 MHz, 1 900 MHz Band: 80 MHz				
Communication Type	Full duplex				
GPRS Multi-slot Class	Class10(Max number of timeslots in uplink 2. downlink: 4, Max total timeslots: 5				
Power Class	GPRS 850: Class 4 GPRS1900: Class 1				
Operation temperature	- 20 ℃~ + 55 ℃				
Power Source	Standard only supplied : Li-on battery, Rating 7.4 Vdc				
	Type : Internal PCB Antenna				
Antenna Gain	GPRS850 : Internal FPCB Antenna, Max.gain: -2.2 dBi				
	GPRS1900: Internal FPCB Antenna, Max.gain: 1.5 dBi				
FCC ID	SS4P3500				
Remark	 Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report. GPRS operation was evaluated at 48kbps Max. data rate GMSK modulation. 				
	 GPRS operation was evaluated at 48kbps Max. data rate GMSK modulation. The above DUT's information was declared by manufacturer. Please refer to the specifications or user manual for more detailed description. 				



3. SYSTEM CONFIGURATION FOR TEST

3.1 Characteristics of equipment

The equipment under test is a Payment Terminal with IEEE 802.11b,g,n WLAN operating in the 2.4 GHz bands and GPRS850/1900 MHz and NFC. The certified module for GPRS frequency are UP Link (824.2 MHz to 848.8 MHz and 1 850.2 MHz to 1 909.8 MHz), Down Link (869.2 MHz to 893.8 MHz and 1 930.2 MHz to 1 989.8 MHz) and GSM/GPRS channel Number is 124ch.

3.2 Used peripherals list

Description	Model No.	Serial No.	Manufacture	Remark
-	-	-	-	

3.3 Product Modification

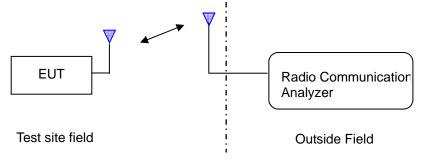
N/A

3.4 Operating Mode

All measurements were intended to emit maximum signal (Max. data rate and mod.)from EUT continuously.

3.5 Test Setup of EUT

The measurements were taken in continuous transmit / receive mode using the Radio communication Analyzer. Communication between the device and the Radio communication Analyzer was established by air link



This configuration is Radiated emission measurement

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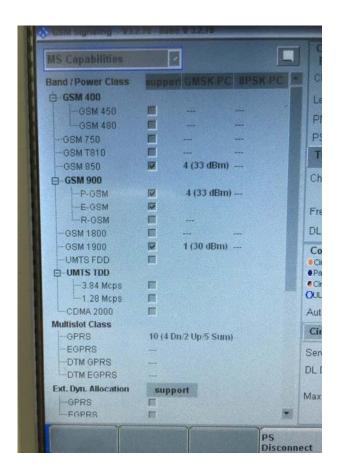
3.6 Test Item and channel

During testing, for channel & mode and modulation setting is controlled using the Radio communication Analyzer.

Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report

Test Items	Mode	Mode (Max.data Rate)	Channel (UP Link)	Remark
Radiated emissions	0.000	GMSK	128, 190, 251	850 MHz Band
(Fundamental & Spurious etc.)	GPRS	(48 kbps)	512, 661, 810	1 900 Miz Band

3.7 Parameters of Test Software Setting



<Test parameter selection>

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3.8 Used Test Equipment List

No.	Instrument	Model	S/N	Manufacturer	Due to cal date	Cal interval	used
1	T & H Chamber	EY-101	90E14260	TABAI ESPEC	2014.10.05	1 year	
2	Constant switch Tester	DS-COT	None	Dong sung Ele.	N/A	N/A	
3	Vibration Tester	70UA	L90016	IDEX Co.,Ltd	N/A	N/A	
4	Vibration Meter	VM-6360	N225098	LANDTEK	2015.04.04	18 month	
5	Falling Tester	SWD-8000	None	Sinwoo	N/A	N/A	
6	Spectrum Analyzer	8563E	3846A10662	Agilent Technology	2015.02.07	1 year	
7	Spectrum Analyzer	8593E	3710A02859	Agilent Technology	2015.02.07	1 year	
8	Spectrum Analyzer	FSV30	20-353063	Rohde& Schwarz	2015.02.07	1 year	\boxtimes
9	EMI Test Receiver	ESCI7	100823	Rohde& Schwarz	2015.02.05	1 year	\boxtimes
10	EMI Test Receiver	ESI	834000/002	Rohde& Schwarz	2015.02.05	1 year	\boxtimes
11	Vector Signal Analyzer	89441A	3416A02620	Agilent Technology	2015.02.07	1 year	
12	Network Analyzer	8753ES	US39172348	AGILENT	2014.10.05	1 year	
13	EPM Series Power meter	E4418B	GB39512547	Agilent Technology	2015.02.07	1 year	
14	RF Power Sensor	E9300A	MY41496631	Agilent Technology	2015.02.07	1 year	
15	Microwave Frequency Counter	5352B	2908A00480	Agilent Technology	2015.02.07	1 year	
16	Modulation Analyzer	8901A	3538A07071	Agilent Technology	2015.02.07	1 year	
17	Audio Analyzer	8903B	3514A16919	Agilent Technology	2015.02.07	1 year	
18	Audio Telephone Analyzer	DD-5601CID	520010281	CREDIX	2015.02.07	1 year	
19	Digital storage Oscilloscope	TDS3052	B015962	Tektronix	2014.10.05	1 year	
20	ESG-D Series Signal Generator	E4436B	US39260458	Agilent Technology	2015.02.07	1 year	
21	ESG Vector Signal Generator	E4438C	MY42083133	Agilent Technology	2014.10.05	1 year	
22	Vector Signal Generator	SMBV100A	257557	Rohde & Schwarz	2015.01.21	1 year	
23	Tracking Source	85645A	070521-A1	Agilent Technology	2015.02.07	1 year	\boxtimes
24	Signal Generator	SML03	100692	Rohde& Schwarz	2015.02.07	1 year	
25	SLIDAC	None	0207-4	Myoung sung Ele.	2015.02.07	1 year	
26	DC Power supply	DRP-5030	9028029	Digital Electronic Co.,Ltd	2015.02.07	1 year	
27	DC Power supply	6038A	3440A12674	Agilent Technology	2015.02.07	1 year	
28	DC Power supply	E3610A	KR24104505	Agilent Technology	2015.02.07	1 year	$\overline{}$
29	DC Power supply	UP-3005T	68	Unicon Co.,Ltd	2015.02.07	1 year	
30	DC Power Supply	SM 3004-D	114701000117	DELTA ELEKTRONIKA	2015.02.07	1 year	
31	Dummy Load	8173	3780	Bird Electronic Co., Corp	2015.02.07	1 year	
32	Attenuator	50FH-030-500	140410 9433	JEW Idustries Inc.	2015.02.07	1 year	
33	Attenuator	765-20	9703	Narda	2014.10.05	1 year	
34	Attenuator	8498A	3318A09485	HP	2015.02.07	1 year	
35	Step Attenuator	8494B	3308A32809	HP	2015.02.07	1 year	
36	Step Attenuator	8495D	3308A01464	HP	2015.02.07		
37	Power divider	11636B	51212	HP	2014.10.05	1 year	
38	3Way Power divider	KPDSU3W	00070365	KMW	2015.02.07	1 year	
39	Band rejection filter	WTR-BRF2442-84NN	09020001	WAVE TECH Co.,LTD	2015.02.07	1 year	
40	White noise audio filter	ST31EQ	101902	SoundTech	2014.10.05	1 year	
41	Dual directional coupler	778D	17693	HEWLETT PACKARD	2015.02.07	1 year	
42	Dual directional coupler	772D	2839A00924	HEWLETT PACKARD	2015.02.07	1 year	
43	Band rejection filter	3TNF-0006	26	DOVER Tech	2015.02.07	1 year	
44	Band rejection filter	3TNF-0008	317	DOVER Tech	2015.02.07	1 year	
45	Band rejection filter	3TNF-0007	311	DOVER Tech	2015.02.07	1 year	
46	Highpass Filter	WHJS1100-10EF	1	WAINWRIGHT	2015.02.07	1 year	
47	Highpass Filter	WHJS3000-10EF	1	WAINWRIGHT	2015.02.07	1 year	
48	Radio Communication Alalyzer	MT8815A	6200429622	ANRITSU	2015.02.07	1 year	
49	CDMA Mobile Station Test Set	E8285A	US40081298	AGILENT	2015.02.07	1 year	
50	WideBand Radio Communication Tester	CMW500	102276	Rohde & Schwarz	2015.04.10	1 year	
50		CIVIVVOOO	102210	Notice & Goriwaiz	2010.04.10	i yeai	



No.	Instrument	Model	S/N	Manufacturer	Due to cal date	Cal interval	used
51	RF Up/Down Converter	DCP-1780	980901003	CREDIX	2015.02.07	1 year	
52	DECT Test set	8923B	3829U00364	HP	2015.02.07	1 year	
53	DECT Test set	CMD60	840677/005	Rohde& Schwarz	2014.12.04	1 year	
54	Loop Antenna	6502	9203-0493	EMCO	2015.05.31	2 year	
55	Dipole Antenna	HZ-12	100005	Rohde & Schwarz	2016.07.01	2 year	\boxtimes
56	Dipole Antenna	HZ-13	100007	Rohde & Schwarz	2016.07.01	2 year	\boxtimes
57	BiconiLog Antenna	3142B	1745	EMCO	2016.06.16	2 year	\boxtimes
58	Horn Antenna	3115	9605-4834	EMCO	2016.06.16	2 year	\boxtimes
59	Horn Antenna	3115	2996	EMCO	2016.02.26	2 year	
60	Horn Antenna	BBHA9170	BBHA9170152	SCHWARZBECK	2015.05.27	2 year	\boxtimes
61	Signal Generator	SMT-06	100552	Rohde & Schwarz	2015.02.07	1 year	
62	HYGRO-Thermograph	NSII-Q	1611545	SATO	2014.10.05	1 year	
63	Barometer	7612	81134	SATO	2016.01.20	2 year	
64	Multi meter	DM-313	S60901832	LG Precision Co.,Ltd	2015.02.07	1 year	
65	Antenna Mast(OSA)	AT14	None	Daeil EMC	N/A	N/A	
66	Turn table(OSA)	None	None	Daeil EMC	N/A	N/A	
67	RF Amplifier(OSA)	8447D	2944A07881	AGILENT	2015.02.04	1 year	
68	Antenna Master(3)	AT13	None	AUDIX	N/A	N/A	\boxtimes
69	Turn Table(3)	None	None	AUDIX	N/A	N/A	\boxtimes
70	PREAMPLIFIER(3)	8449B	3008A02577	Agilent	2015.02.05	1 year	\boxtimes
71	Antenna Master(10)	MA4000-EP	None	inno systems GmbH	N/A	N/A	\boxtimes
72	Turn Table(10)	None	None	inno systems GmbH	N/A	N/A	\boxtimes
73	AMPLIFIER(10)	TK-PA6S	120009	TESTEK	2015.02.05	1 year	
74	Vernier Calipers	None	8280373	Mitutoyo	2014.10.05	1 year	



4. SUMMARY TEST RESULTS

Description of Test	Standard Applicable	Reference Clause	Used	Test Result
Radiated output power (Equivalent radiated power)	22.913(2), 24.232(c)	Clause 5.1		Compliance
Out of band radiated emission	22.917(a), 24.238(a)	Clause 5.2		Compliance
Receive spurious emission	15.109(a)	Clause 5.3	\boxtimes	Compliance

Compliance/pass: The EUT complies with the essential requirements in the standard.

Not Compliance: The EUT does not comply with the essential requirements in the standard.

N/A: The test was not applicable in the standard.

* Above standard applicable accordance with FCC CFR47, Subpart 22H, 24E standard

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5. MEASUREMENT RESULTS

5.1 Radiated output power

5.1.1 Standard Applicable

[FCC §22.913 Effective radiated power limits]

The effective radiated power(ERP)of transmitters in the Cellular Radiotelephone Service must not exceed the limits in this section.

(2) The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7Watts.

[FCC §24.232 Power and antenna height limits]

(c)Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

5.1.2 Test Environment conditions

• Ambient temperature : (21 - 22) $^{\circ}$ C • Relative Humidity : (56 - 62) $^{\circ}$ R.H.

5.1.3 Measurement Procedure

[Test configuration and Method; ANSI/TIA/EIA603Clause2.2.17,KDB971168D01&KDB412172D01]

The average radiated power of a licensed device is the equivalent power required. When delivered to a half-wave dipole antenna, to produce at a distant point the same average received power as produced by the licensed device. The other method, procedure and configuration of measurement performed in accordance with above Standard and Guidance.

5.1.4 Measurement Result

■ GPRS 850Mb

Freq.(Mb)	SA reading (dBm)	Ant. Pol. (H/V)	Path Loss (dBm)	ERP (dBm)	Limit (dBm)	Margin (dB)	Result
824.2	-4.46	V	33.6	29.14	38.5	-9.36	Compliance
836.6	-3.91	Н	33.0	29.09	38.5	-9.41	Compliance
848.8	-4.62	Н	33.7	29.08	38.5	-9.42	Compliance

■ GPRS 1900Mbz

Freq.(Mz)	SA reading (dBm)	Ant. Pol. (H/V)	Path Loss (dBm)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Result
1 850.2	-12.72	Н	42.2	29.48	33	-3.52	Compliance
1 880.0	-12.76	Н	42.0	29.24	33	-3.76	Compliance
1 909.8	-12.72	Н	41.9	29.18	33	-3.82	Compliance

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\times EIRP(or ERP)= P_R+L_p

where;

- EIRP=equivalent(or effective)isotropically radiated power (in same units as P_R)
- P_R = adjusted received power level, in dBm
- L_p = basic free space propagation path loss, in dB(basic free space is KOSTEC test site propagation path loss)

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5.2 Out of band radiated

5.2.1 Standard Applicable [FCC §22.917 Emission limitation for cellular equipment]

The rules in this section govern the spectral characteristic of emissions in the Cellular Radiotelephone Service.

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10log(P)dB

[FCC §24.238 Emission limitation for Broadband PCS equipment]

The rules in this section govern the spectral characteristic of emissions in the Broadband Personal Communications Service.

(a) Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43+10log(P)dB

5.2.3 Test Environment conditions

Ambient temperature : (21 - 22) [℃],
Relative Humidity : (56 - 62) % R.H.

5.2.4 Measurement Procedure

[Test configuration and Method; ANSI/TIA/EIA603Clause3.2.12,KDB971168D01&KDB412172D01]

Radiated spurious emissions are emissions from the equipment when transmitting into an non-radiating load on a frequency or frequencies which are outside an occupied band sufficient to ensure transmission of information of required quality for the class of communications desired. The other method, procedure and configuration of measurement performed in accordance with above Standard and Guidance.

5.2.5 Measurement Result

■ GPRS 850 Mb

Low frequency (824.2 Mb)

Freq.(Mb)	SA reading (dBm)	Ant. Pol. (H/V)	Path Loss (dBm)	Preamp (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)	Result
1.648	-56.85	V	40.0	30.8	-47.65	-13	-34.65	Compliance
2.473	-58.70	V	40.9	31.0	-48.80	-13	-35.80	Compliance
Above 2 473	Nil emissio	n						

Middle frequency(836.6 Mb)

Freq.(Mb)	SA reading (dBm)	Ant. Pol. (H/V)	Path Loss (dBm)	Preamp (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)	Result
1.673	-57.50	Н	40.0	30.8	-48.30	-13	-35.30	Compliance
2.509	-59.50	Н	40.9	31.0	-49.60	-13	-36.60	Compliance
Above 2 509	Nil emission							

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High frequency(848.8 眦)

Freq.(Mb)	SA reading (dBm)	Ant. Pol. (H/V)	Path Loss (dBm)	Preamp (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)	Result
1.698	-57.02	Н	40.0	30.8	-47.82	-13	-34.82	Compliance
2.546	-58.00	V	40.9	31.0	-48.10	-13	-35.10	Compliance
Above 2 546	Nil emissior	า						

■ GPRS 1900Mbz

Low frequency(1 850.2 Mb)

Freq.(Mb)	SA reading (dBm)	Ant. Pol. (H/V)	Path Loss (dBm)	Preamp (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)	Result
3 700	-59.40	V	41.1	31.3	-49.60	-13	-36.60	Compliance
Above 3 700	Nil emission							

Middle frequency(1 880 Mb)

Freq.(Mb)	SA reading (dBm)	Ant. Pol. (H/V)	Path Loss (dBm)	Preamp (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)	Result
3 760	-60.00	Н	41.1	31.3	-50.20	-13	-37.20	Compliance
Above 3 760	Nil emission							

High frequency(1 909.8 Mb)

Freq.(Mb)	SA reading (dBm)	Ant. Pol. (H/V)	Path Loss (dBm)	Preamp (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)	Result
3 819	-60.20	V	41.1	31.3	-50.40	-13	-37.40	Compliance
Above 3 819	Nil emission							



5. MEASUREMENT RESULTS

5.1 Receiver spurious emission

5.1.1 Standard Applicable [FCC §15.109(a)]

Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

§15.109. [Table 1] limits for radiated emissions measurements (distance at 3m)

Frequency Band [Mt]	Distance(m)	Limit [⊭V/m]	Limit [dB µV/m]	Detector
30 - 88	3	100 **	40.00	Quasi peak
88 - 216	3	150 **	43.52	Quasi peak
216 - 960	3	200 **	46.02	Quasi peak
Above 960	3	500	54.00	Average

5.1.2 Test Environment conditions

Ambient temperature : 21 °C

• Relative Humidity: (39 - 43) % R.H.

5.1.3 Measurement Procedure

The measurements procedure of the transmitter radiated E-field is as following describe method.

The test is performed in a Shield chamber to determine the accurate frequencies, after maximum emissions level will be checked on a test chamber and measuring distance is 3 m from EUT to test antenna. (The chamber is ensured that comply with at least 6 dB above the ambient noise level)

- ① The EUT was powered ON with continuously operating mode and placed on a 0.8 meter high non-conductive table on the reference ground plane.
- ② The test antenna was used on Horn antenna for above 1 ^{GHz}, and if the below 1 ^{GHz}, broad-band antenna and it's antenna positioned in both the horizontal and vertical plane was location at EUT during the test for maximized the emission measurement.
- The output of the test antenna will be connected to a measuring receiver, and it is set to tuned over the frequency range according to required standard
- The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1MHz, VBW is set at 3MHz for Peak measure; RBW is set at 1MHz, VBW is set at 10Hz for Average measure(according ANSI C63.10:2009 clause 4.2.3.2.3 procedure for average measure). Both PK and AV level test, PK detector is used.
- ⑤ The fundamental frequency at which a relevant radiated signal component is detected, the test antenna will be raised and lowered through the specified range of heights in horizontal and vertical polarized orientation, until an maximum signal level is detected on the measuring receiver.
- 6 The transmitter is position x, y, z axis on rotating through 360 degrees, until the maximum signal level is detected by the measuring receiver.
- The receiver is scanned from requested measuring frequency band and then the maximum meter reading is recorded. The radiated emissions were measured with required standard.
- The measurement results are obtained as described below:

 Result(dB \(\mu \)/m) = Reading(dB \(\mu \)/) + Antenna factor(dB/m)+ CL(dB) + other applicable factor (dB)
- · According to §15.33 (a)(1), Frequency range of radiated measurement is performed the tenth harmonic.

5.1.4 Measurement Uncertainty

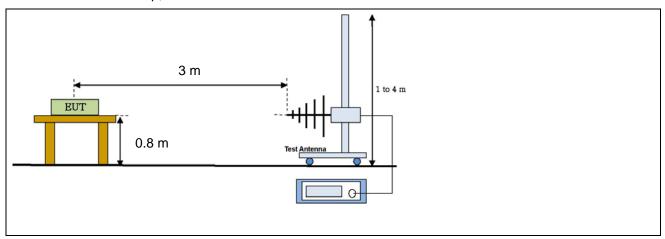
All measurements involve certain levels of uncertainties. The factors contributing to uncertainties are test receiver, Cable loss, Antenna factor calibration, antenna directivity, antenna factor variation with height, antenna phase center variation, Antenna frequency interpolation, measurement distance variation, Site imperfection, mismatch, and system repeatability based on NIS 80,81, The measurement uncertainty level with a 95 % confidence level were apply to Uncertainty of a radiation emissions measurement at Chamber of KOSTEC is \pm 6.0 dB

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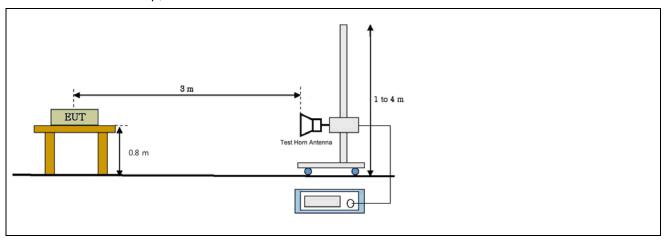


5.1.5 Test Configuration

Radiated emission setup, Above 30 MHz, Below 1 GHz



Radiated emission setup, Above 1 GHz



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5.1.6 Measurement Result

Spurious Emission

GPRS 850 Mb

Freq. Reading	Table	Antenna			CL	Pre	Meas	Limit	Mgn			
(Mlz)	9 15	(Deg)	Height (m)	Pol. (H/V)	Fctr. (dB/m)	(dB)	AMP (dB)	Result (dB µV/m)	(dB _{\(\mu\)} /m)	_	Result	
	Nil emission or 20 dB location under limit											

GPRS 1 900 №

Freq. Reading	Reading	Table	Antenna		CL	Pre	Meas	Limit	Mgn		
(MHz)	(dB µV/m)	(Deg)	Height (m)	Pol. (H/V)	Fctr. (dB/m)	(dB)	AMP (dB)		(dB µV/m)	(dB)	Result
	Nil emission or 20 dB location under limit										

 $Freq.(\mbox{\it MHz}): Measurement frequency,$ Reading(dB \(\mu \rangle m \rangle m \rangle m \rangle receiver,

Table (Deg): Directional degree of Turn table,
Antenna (Height, Pol, Fctr): Antenna Height, Polarization and Factor

Cbl(dB): Cable loss, Pre AMP(dB): Preamplifier gain(dB)

Meas Result ($dB \mu V/m$) :Reading($dB \mu V/m$)+ Antenna factor.(dB/m)+ CL(dB) - Pre AMP(dB)

Limit(dB \(\mu \rangle m \rangle m

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