

Report on the RF Testing of:

KYOCERA Corporation
Mobile Phone, Model: EB1035
FCC ID: JOYEB1035

In accordance with FCC Part15 Subpart C

Prepared for: KYOCERA Corporation
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Japan

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Document Number: JPD-TR-20031-0

SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Hiroaki Suzuki	Deputy Manager of RF Group	Approved Signatory	18 MAY 2020

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Japan Ltd. document control rules.

EXECUTIVE SUMMARY – Result: Complied

A sample of this product was tested and the result above was confirmed in accordance with FCC Part15 Subpart C.



Certificate #3686.03

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1 Summary of Test

1.1 Modification history of the test report

Document Number	Modification History	Issue Date
JPD-TR-20031-0	First Issue	Refer to the cover page

1.2 Standards

CFR47 FCC Part 15 Subpart C

1.3 Test methods

ANSI C63.10-2013
KDB 558074 D01 15.247 Meas Guidance v05r02

1.4 Deviation from standards

None

1.5 List of applied test(s) of the EUT

Test item section	Test item	Condition	Result	Remark
15.247(a)(2)	DTS Bandwidth / Occupied Bandwidth (99%)	Conducted	N/A	*1
15.247(b)(3)	Maximum conducted (average) output power	Conducted	N/A	*1
15.247(d)	Band Edge Compliance of RF Conducted Emissions	Conducted	N/A	*1
15.247(d) 15.205 15.209	Spurious Emissions	Conducted	N/A	*1
		Radiated	PASS	-
15.247(d) 15.205 15.209	Restricted Bands of Operation	Radiated	PASS	-
15.247(e)	Transmitter Power Spectral Density	Conducted	N/A	*1
15.207	AC Power Line Conducted Emissions	Conducted	PASS	-

*1 Since there is no change in Module from FCC ID: JOYCB70, only the Radiated test items were performed. Please refer to the test report "JPD-TR-19185-0" of "FCC ID: JOYCB70".

1.6 Test information

None

1.7 Test set up

Table-top

1.8 Test period

30-March-2020 - 22-April-2020

2 Equipment Under Test

2.1 EUT information

Applicant	KYOCERA Corporation Yokohama Office 2-1-1 Kagahara, Tsuzuki-ku Yokohama-shi, Kanagawa, Japan Phone: +81-45-943-6253 Fax: +81-45-943-6314
Equipment Under Test (EUT)	Mobile Phone
Model number	EB1035
Serial number	N/A
Trade name	Kyocera
Number of sample(s)	1
EUT condition	Pre-Production
Power rating	Battery: DC 3.85 V
Size	(W) 71.0 × (D) 159.0 × (H) 8.9 mm
Environment	Indoor and Outdoor use
Terminal limitation	-20°C to 60°C
Hardware Version	DMT1
Software Version	V0.060MI.0020.a
Firmware Version	Not applicable
RF Specification	
Protocol	IEEE802.11b, IEEE802.11g, IEEE802.11n (HT20),
Frequency range	IEEE802.11b /11g/11n (HT20): 2412 MHz-2462 MHz
Number of RF Channels	11 Channels
Modulation type	IEEE802.11b: DSSS (DBPSK, DQPSK, CCK) IEEE802.11g /11n (HT20): OFDM (BPSK, QPSK, 16QAM, 64QAM)
Data rate	IEEE802.11b: 1, 2, 5.5, 11Mbps IEEE802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps IEEE802.11n (HT20 LGI): 6.5, 13, 19.5, 26, 39, 52, 58.5, 65Mbps IEEE802.11n (HT20 SGI): 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2Mbps
Channel separation	5 MHz
Output power	83.368 mW (IEEE802.11b) 174.985 mW (IEEE802.11g) 247.742 mW (IEEE802.11n: HT20)
Antenna type	Internal antenna
Antenna gain	0.2 dBi

2.2 Modification to the EUT

The table below details modifications made to the EUT during the test project.

Modification State	Description of Modification	Modification fitted by	Date of Modification
Model: EB1035, Serial Number: N/A			
0	As supplied by the applicant	Not Applicable	Not Applicable

2.3 Variation of family model(s)

2.3.1 List of family model(s)

Not applicable

2.3.2 Reason for selection of EUT

Not applicable

2.4 Operating channels and frequencies

Channel	Frequency [MHz]
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462

2.5 Description of test mode

The EUT had been tested under operating condition.
There are three channels have been tested as following:

Tested Channel [11b, 11g, 11n(HT20)]	Frequency [MHz]
Low	2412
Middle	2437
High	2462

The pre-test has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates.

Tested Channel	Modulation Type	Data Rate
Low, Middle, High	IEEE802.11b: DSSS	1Mbps
Low, Middle, High	IEEE802.11g: OFDM	6Mbps
Low, Middle, High	IEEE802.11n (HT20 LGI): OFDM	MCS0 (6.5Mbps)

The field strength of spurious emissions was measured at each position of all three axis X, Y and Z to compare the level, and the maximum noise.

The worst emission was found in X-axis and the worst case recorded.

Pre-scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports.

2.6 Operating flow

- Tx mode

- i) Test program setup to the Software
- ii) Select a Test mode
[IEEE802.11b, IEEE802.11g, IEEE802.11n (HT20)]
Operating frequency: Channel Low: 2412MHz, Channel Middle: 2437MHz, Channel High: 2462MHz
- iii) Start test mode

- Rx mode

- i) Test program setup to the Software
- ii) Select a Test mode
[IEEE802.11b, IEEE802.11g, IEEE802.11n (HT20)]
Operating frequency: Channel Low: 2412MHz, Channel Middle: 2437MHz, Channel High: 2462MHz
- iii) Start test mode

3 Configuration of Equipment

Numbers assigned to equipment on the diagram in “3.3 System configuration” correspond to the list in “3.1 Equipment used” and “3.2 Cable(s) used”.

Cabling and setup(s) were taken into consideration and test data was taken under worse case condition.

3.1 Equipment used

No.	Equipment	Company	Model No.	Serial No.	FCC ID/DoC	Comment
1	Mobile Phone	KYOCERA	EB1035	N/A	JOYEB1035	EUT
2	AC Adapter	KDDI	0301PQA	N/A	N/A	*

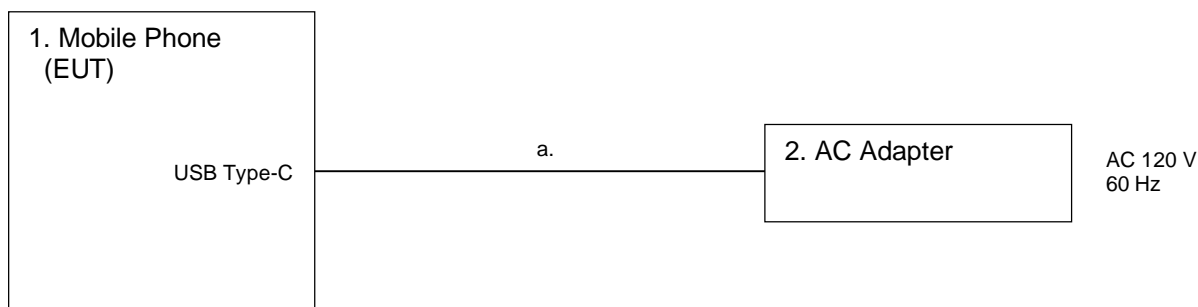
*:AC power line Conducted Emission Test.

3.2 Cable(s) used

No.	Equipment	Length[m]	Shield	Connector	Comment
a	USB cable (for AC Adapter)	1.0	Yes	Metal	*

*:AC power line Conducted Emission Test.

3.3 System configuration



4 Test Result

4.1 Spurious Emissions - Radiated -

4.1.1 Measurement procedure

[FCC 15.247(d), 15.205, 15.209, KDB 558074 D01 v05r02, Section 8.6]

Test was applied by following conditions.

Test method	: ANSI C63.10
Frequency range	: 9 kHz to 25 GHz
Test place	: 3m Semi-anechoic chamber
EUT was placed on	: Styrofoam table / (W) 1.0 × (D) 1.0 × (H) 0.8 m (below 1 GHz) Styrofoam table / (W) 0.6 × (D) 0.6 × (H) 1.5 m (above 1 GHz)
Antenna distance	: 3 m
Test receiver setting	Below 1 GHz
- Detector	: Average (9 kHz-90 kHz, 110 kHz-490 kHz), Quasi-peak
- Bandwidth	: 200 Hz, 120 kHz
Spectrum analyzer setting	Above 1 GHz
- Peak	: RBW=1 MHz, VBW=3 MHz, Span=0 Hz, Sweep=auto
- Average	: RBW=1 MHz, VBW=1kHz,3kHz, Span=0 Hz, Sweep=auto Display mode=Linear

Average Measurement Setting [VBW]

Mode	Duty Cycle (%)	T _{on} (us)	T _{off} (us)	1/T _{on} (kHz)	Determined VBW Setting
IEEE802.11b	96.12	990	40	1.010	1kHz
IEEE802.11g	96.94	1392	44	0.718	1kHz
IEEE802.11n(HT20)	96.55	1286	46	0.778	1kHz

Although these tests were performed other than open area test site, adequate comparison measurements

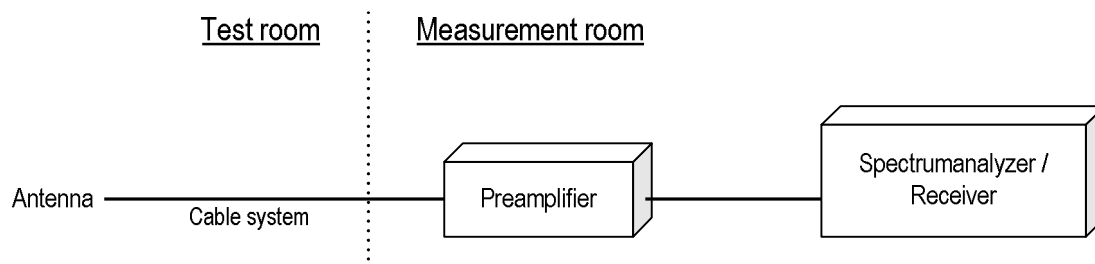
were confirmed against 30 m open area test site.

Therefore, sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 937606.

Radiated emission measurements are performed at 3m distance with the broadband antenna (Loop antenna, Biconical antenna, Log periodic antenna and Double ridged guide antenna). The antenna is positioned both the horizontal and vertical planes of polarization and height is varied 1m to 4m and stopped at height producing the maximum emission. As for the Loop antenna, it is positioned with its plane vertical, and the center of the Loop antenna is 1m above the ground plane.

The EUT is Placed on a turntable, which is 0.8m/1.5m above ground plane. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level. The test results represent the worst case emission for each emission with manipulating the EUT, support equipment, interconnecting cables and varying the mode of operation. Sufficient time for the EUT, support equipment, and test equipment are allowed in order for them to warm up to their normal operating condition.

- Test configuration



4.1.2 Calculation method

[9 kHz to 150 kHz]

Emission level = Reading + (Ant factor + Cable system loss)

Margin = Limit – Emission level

[150 kHz to 25 GHz]

Emission level = Reading + (Ant factor + Cable system loss - Amp. Gain)

Margin = Limit – Emission level

Example:

Limit @ 4824.0 MHz : 74.0 dBuV/m (Peak Limit)

S.A Reading = 49.5 dBuV Cable system loss = 8.4 dB

Result = 49.5 + 8.4 = 45.1 dBuV/m

Margin = 74.0 - 45.1 = 16.1 dB

4.1.3 Limit

Frequency [MHz]	Field strength		Distance [m]
	[uV/m]	[dBuV/m]	
0.009-0.490	2400 / F [kHz]	20logE [uV/m]	300
0.490-1.705	24000 / F [kHz]	20logE [uV/m]	30
1.705-30	30	29.5	30
30-88	100	40.0	3
88-216	150	43.5	3
216-960	200	46.0	3
Above 960	500	54.0	3

Note:

1. The lower limit shall apply at the transition frequencies.
2. Emission level [dBuV/m] = 20log Emission [uV/m]
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition modulation.

4.1.4 Test data

Date	: 30-March -2020		
Temperature	: 18.1 [°C]		
Humidity	: 27.2 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Kazunori Saito</u>
Date	: 1-April -2020		
Temperature	: 25.8 [°C]		
Humidity	: 38.5 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Taiki Watanabe</u>
Date	: 17-April -2020		
Temperature	: 23.8 [°C]		
Humidity	: 41.6 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Taiki Watanabe</u>
Date	: 21-April -2020		
Temperature	: 27.2 [°C]		
Humidity	: 36.1 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Taiki Watanabe</u>
Date	: 22-April -2020		
Temperature	: 24.4 [°C]		
Humidity	: 34.4 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Taiki Watanabe</u>

4.1.4.1 Transmission mode

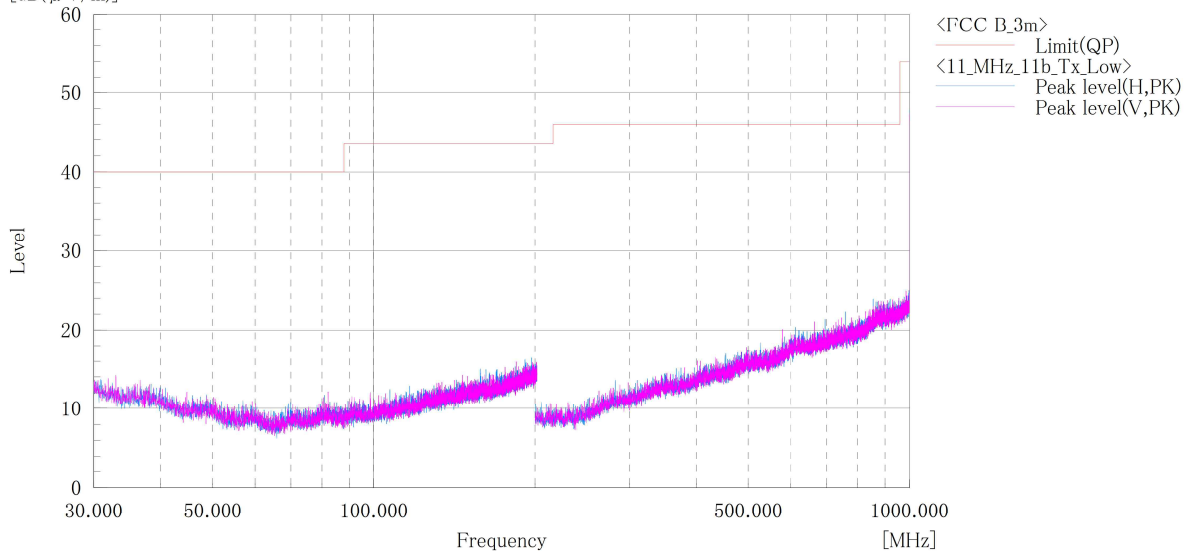
[11b]

Channel Low BELOW 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11b_Tx_ch:Low

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 23.8[°C] 41.6[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c. f	Height	Angle
	[MHz]	[dB(1/m)]	[cm]	[°]

Note:

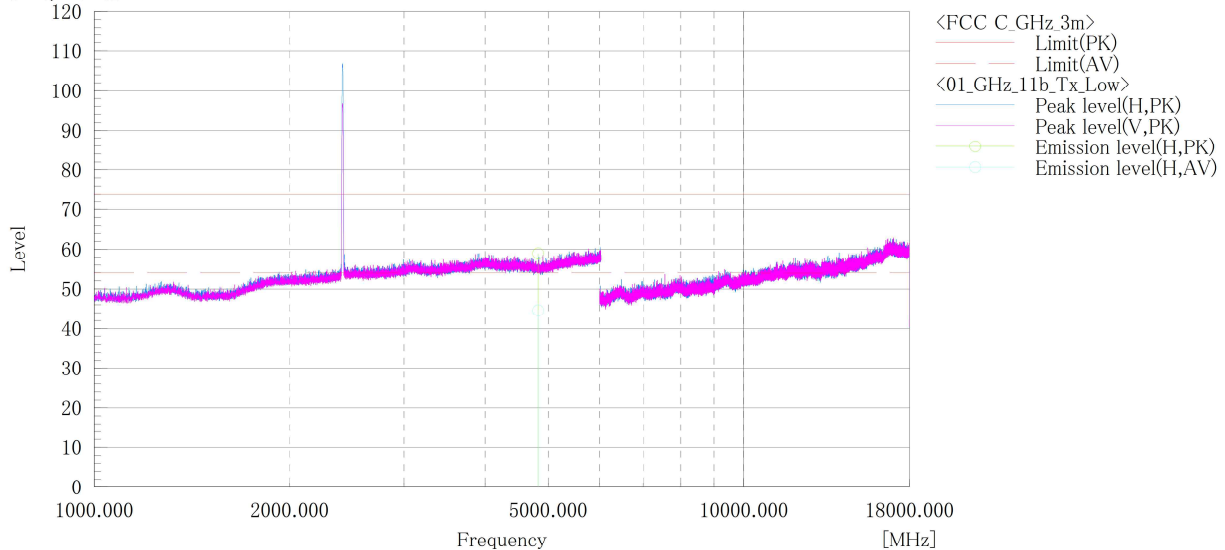
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11b]
Channel Low
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1305
 Serial No. : N/A
 Test mode : WLAN2.4GHz_11b_Tx_ch:Low

Standard : FCC Part.15 subpart C
 Operator : K.Saito
 Temp,Hum,Atm : 18.1[°C] 27.2[%]
 Note1 :
 Note2 :

[dB(μV/m)]



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]
1	4824.000	H	49.0	34.6	10.0	59.0	44.6	74.0	54.0	15.0	9.4	179.0	17.0

Note:

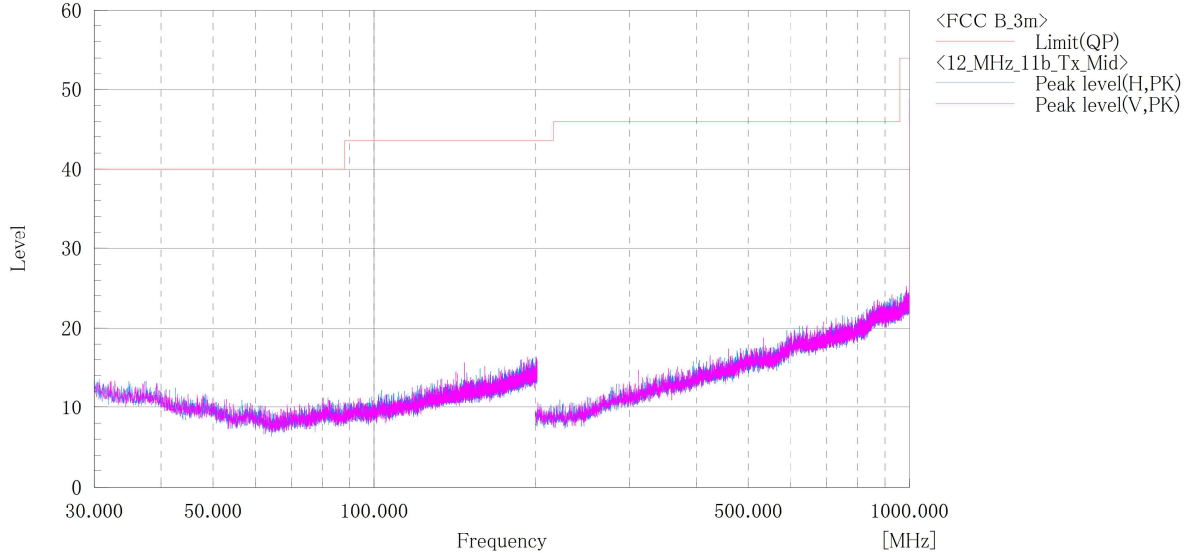
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

**[11b]
Channel Middle
BELOW 1GHz**

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WL/AN2.4GHz_11b_Tx_ch:Mid

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 23.8[°C] 41.6[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P) [MHz]	c. f [dB (1/m)]	Height [cm]	Angle [°]
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Note:

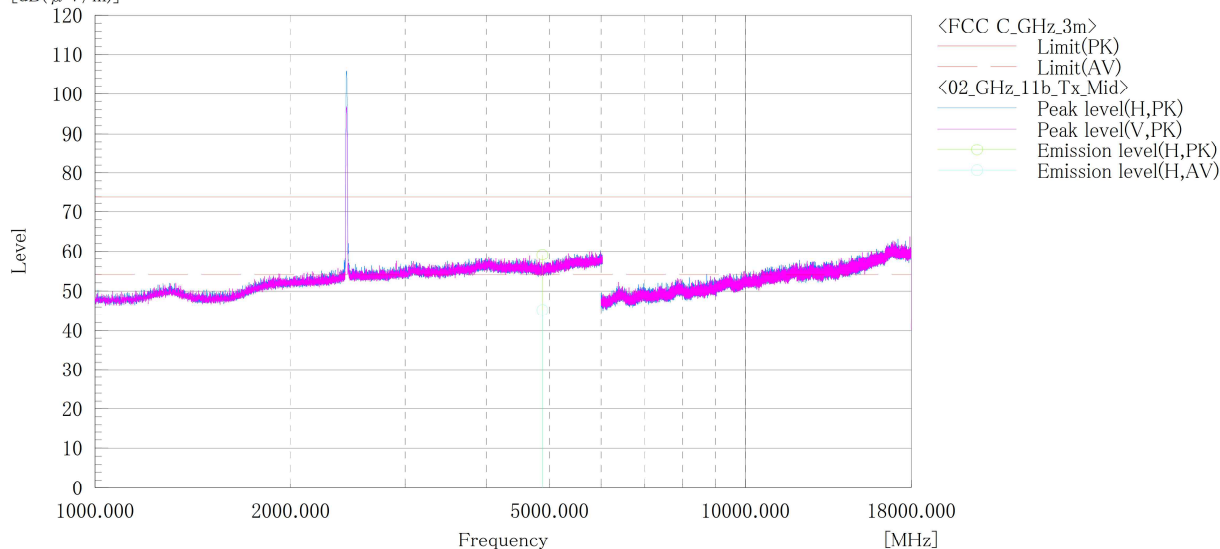
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11b]
Channel Middle
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1305
 Serial No. : N/A
 Test mode : WLAN2.4GHz_11b_Tx_ch:Mid

Standard : FCC Part.15 subpart C
 Operator : K.Saito
 Temp,Hum,Atm : 18.1[°C] 27.2[%]
 Note1 :
 Note2 :

[dB(μV/m)]



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]
1	4874.000	H	49.1	35.2	10.0	59.1	45.2	74.0	54.0	14.9	8.8	251.0	17.0

Note:

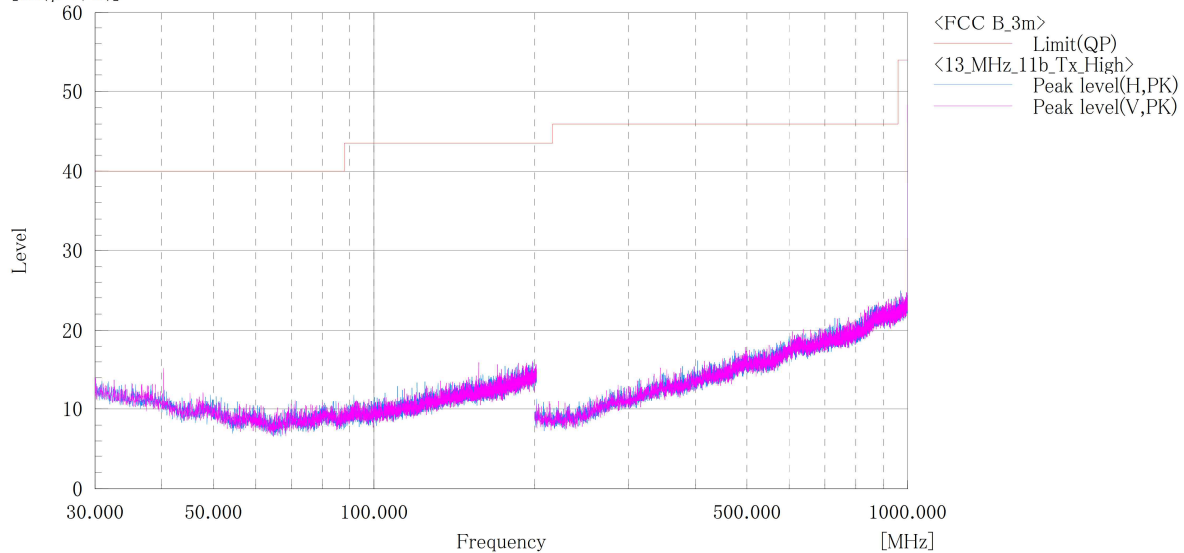
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

[11b]
Channel High
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1035
 Serial No. : N/A
 Test mode : WLAN2.4GHz_11b_Tx_ch:High

Standard : FCC Part.15 subpartC
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 41.6[%]
 Note1 :
 Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle
	[MHz]	[dB(1/m)]	[cm]	[°]

Note:

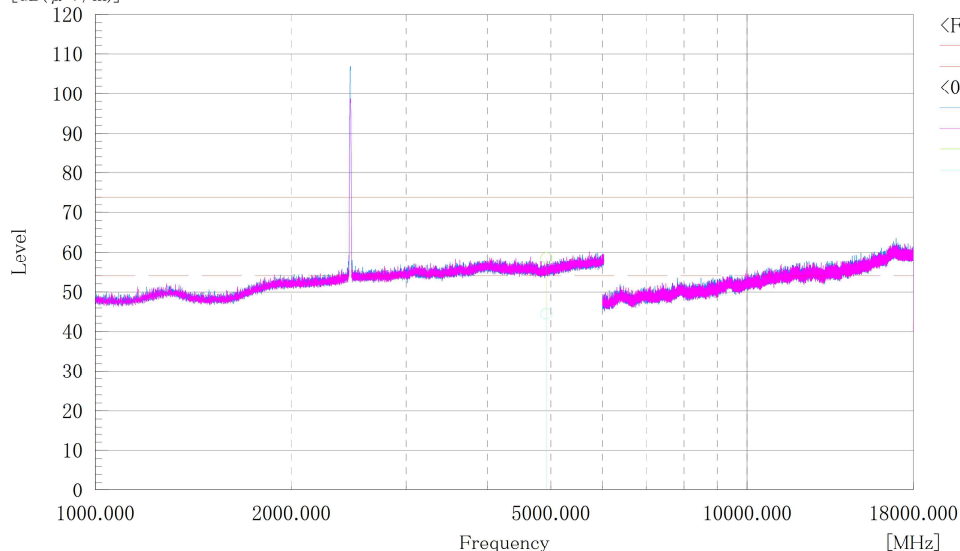
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11b] Channel High ABOVE 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1305
Serial No. : N/A
Test mode : WLAN2.4GHz_11b_Tx_ch:High

Standard : FCC Part.15 subpart C
Operator : K.Saito
Temp,Hum,Atm : 18.1[°C] 27.2[%]
Note1 :
Note2 :

[dB(μV/m)]



<FCC C_GHz_3m>
Limit(PK)
Limit(AV)
<03_GHz_11b_Tx_High>
Peak level(H,PK)
Peak level(V,PK)
Emission level(H,PK)
Emission level(H,AV)

Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]
1	4924.000	H	48.5	34.4	10.1	58.6	44.5	74.0	54.0	15.4	9.5	276.0	14.0

Note:

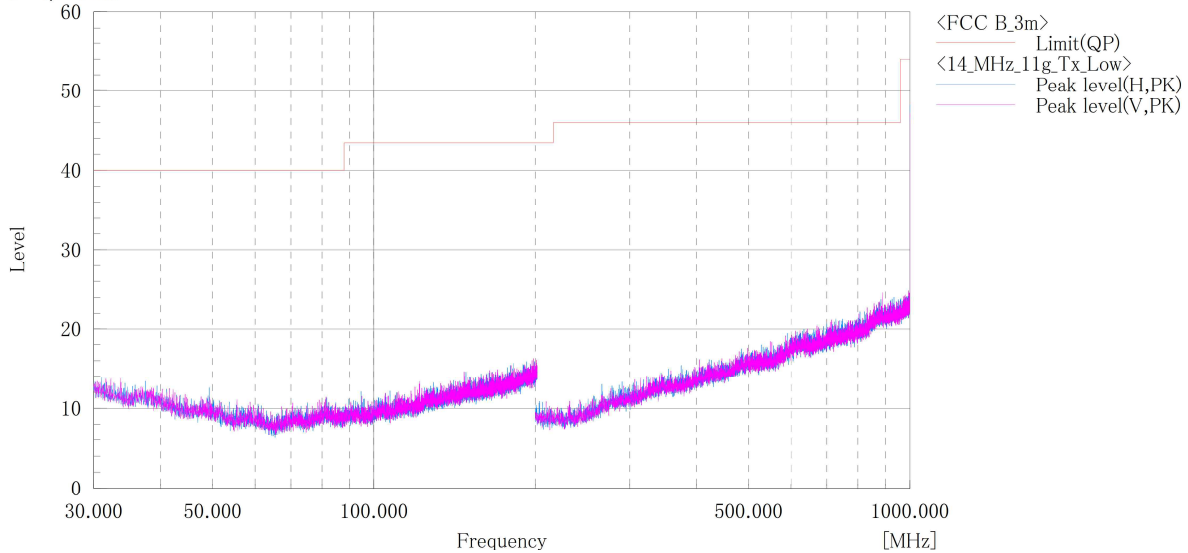
- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

**[11g]
Channel Low
BELOW 1GHz**

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11g_Tx_ch:Low

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 23.8[°C] 41.6[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle
	[MHz]	[dB(1/m)]	[cm]	[°]
No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.				

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

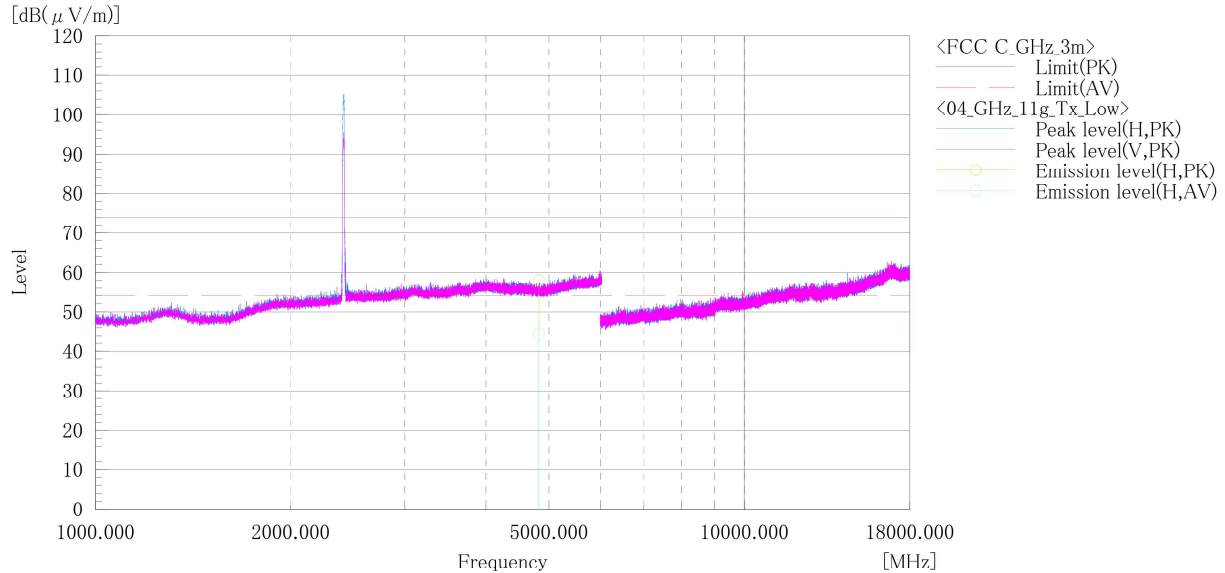


Japan

[11g]
Channel Low
ABOVE 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11g_Tx_ch:Low

Standard : FCC Part.15 subpart C
Operator : K.Saito
Temp,Hum,Atm : 18.1[°C] 27.2[%]
Note1 :
Note2 :



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]
1	4824.000	H	48.1	34.5	10.0	58.1	44.5	74.0	54.0	15.9	9.5	208.0	0.0

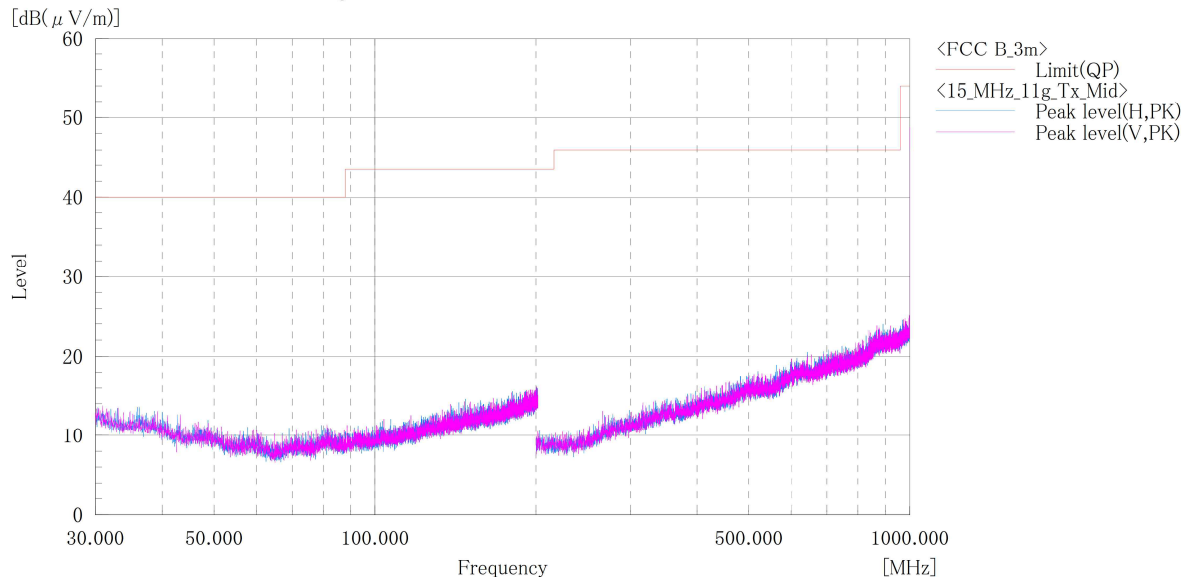
Note:

- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

[11g]
Channel Middle
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1035
 Serial No. : N/A
 Test mode : WLAN2.4GHz_11g_Tx_ch:Mid

Standard : FCC Part.15 subpartC
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 41.6[%]
 Note1 :
 Note2 :



Final Result

No.	Frequency (P)	c. f	Height	Angle
	[MHz]	[dB (1/m)]	[cm]	[°]

Note:

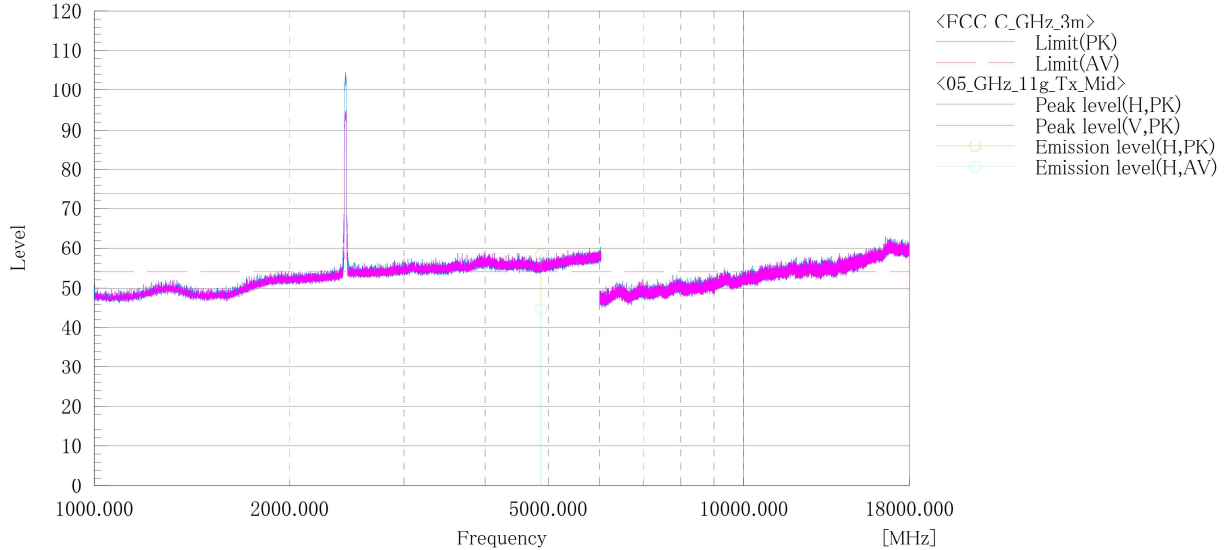
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11g]
Channel Middle
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1035
 Serial No. : N/A
 Test mode : WLAN2.4GHz_11g_Tx_ch:Mid

Standard : FCC Part.15 subpart C
 Operator : K.Saito
 Temp,Hum,Atm : 18.1[°C] 27.2[%]
 Note1 :
 Note2 :

[dB(μV/m)]



Final Result

No.	Frequency	(P)	Reading PK	Reading AV	c.f	Result PK	Result AV	Limit PK	Limit AV	Margin PK	Margin AV	Height	Angle
	[MHz]		[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]
1	4874.000	H	48.4	34.6	10.0	58.4	44.6	74.0	54.0	15.6	9.4	251.0	0.0

Note:

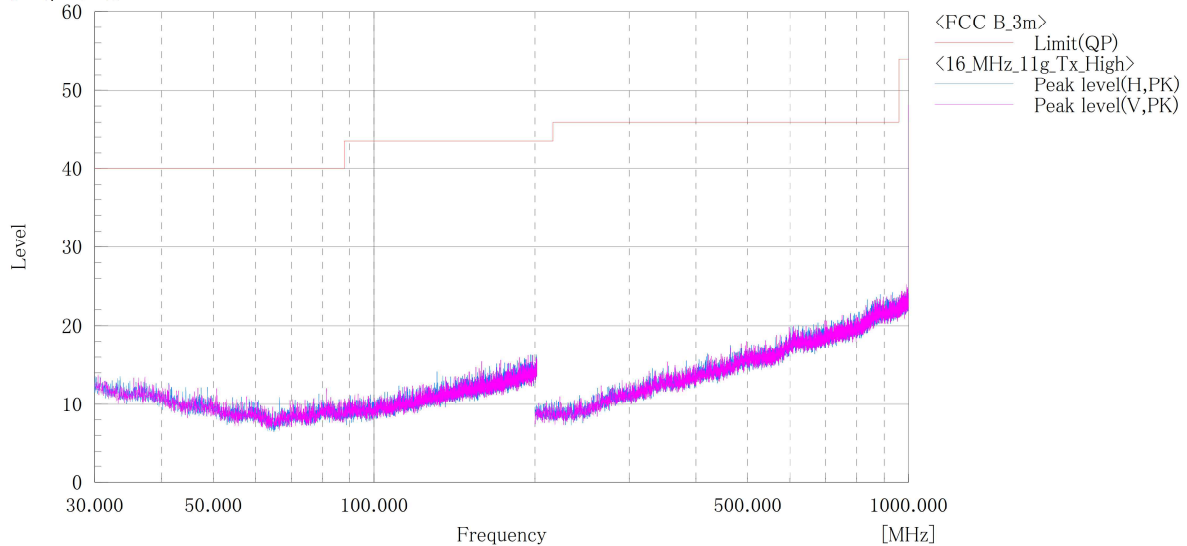
- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

**[11g]
Channel High
BELOW 1GHz**

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11g_Tx.ch:High

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 23.8[°C] 41.6[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle
	[MHz]	[dB(1/m)]	[cm]	[°]

Note:

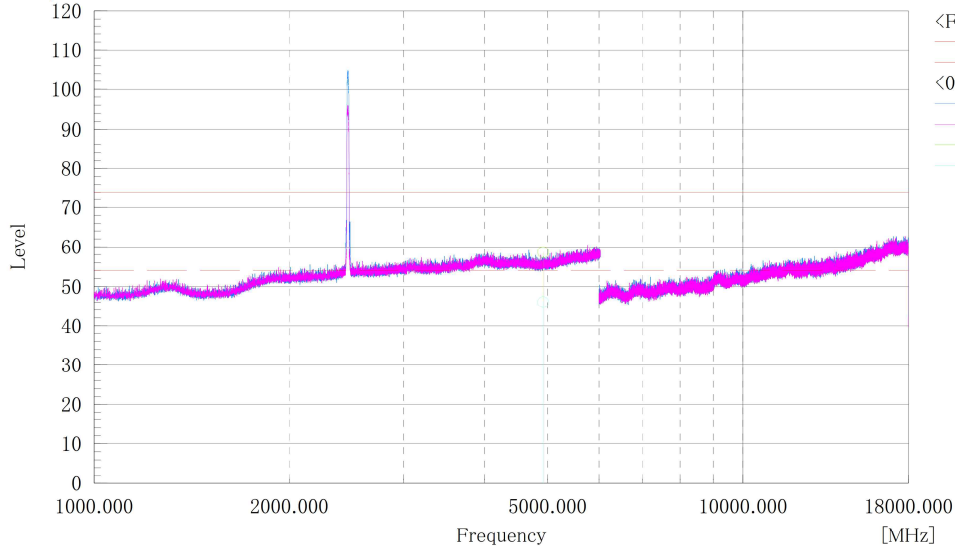
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

**[11g]
Channel High
ABOVE 1GHz**

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11g_Tx_ch:High

Standard : FCC Part.15 subpart C
Operator : T.Watanabe
Temp,Hum,Atm : 25.8[°C] 38.5[%]
Note1 :
Note2 :

[dB(μV/m)]



<FCC C_GHz_3m>
Limit(PK)
Limit(AV)
<06_GHz_11g_Tx_High>
Peak level(H,PK)
Peak level(V,PK)
Emission level(H,PK)
Emission level(H,AV)

Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]	Remark
1	4924.000	H	48.2	35.7	10.4	58.6	46.1	74.0	54.0	15.4	7.9	151.0	306.0	

Note:

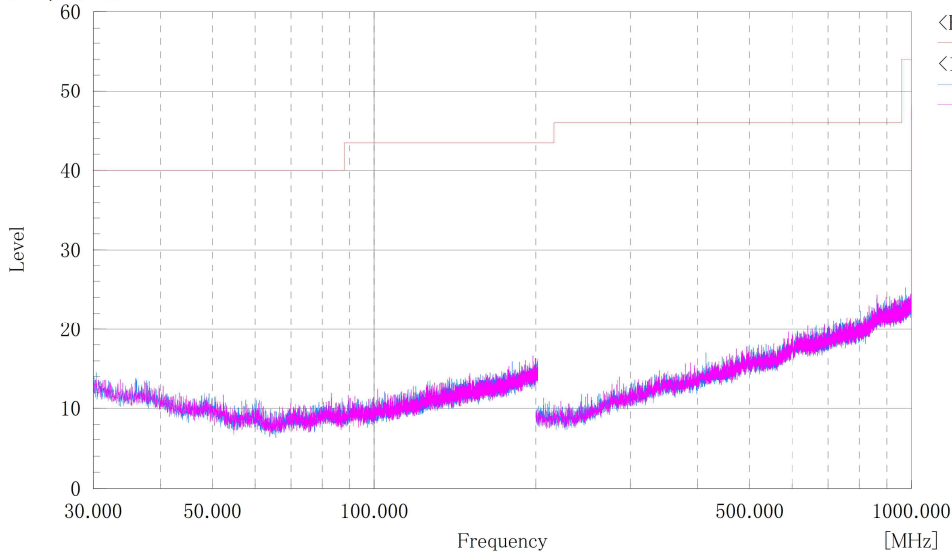
- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.

[11n(HT20)]
Channel Low
BELOW 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11n(HT20)_Tx_ch:Low

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 27.2[°C] 36.1[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle	Remark
	[MHz]	[dB(1/m)]	[cm]	[°]	

Note:

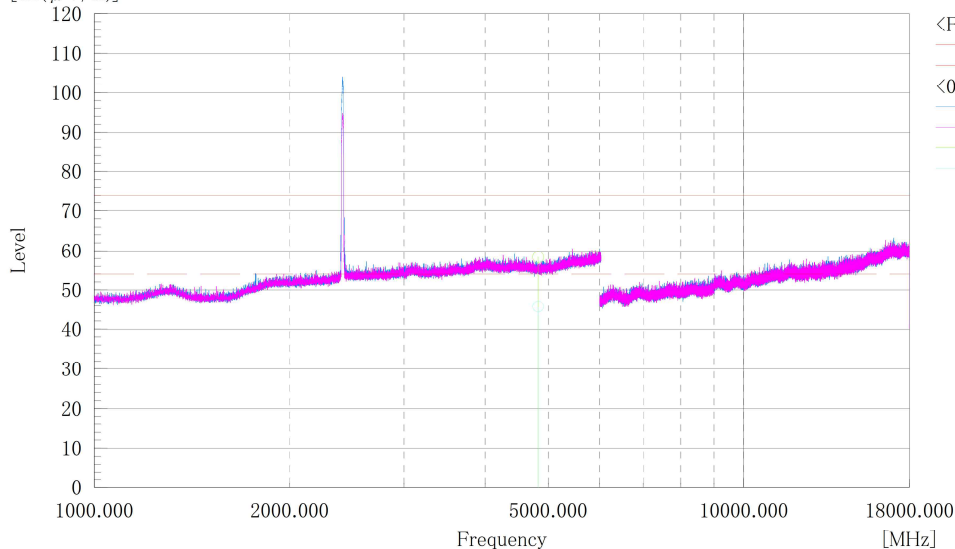
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11n(HT20)]
Channel Low
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1035
 Serial No. : N/A
 Test mode : WLAN2.4GHz_11n(HT20)_Tx_ch:Low

Standard : FCC Part.15 subpart C
 Operator : T.Watanabe
 Temp,Hum,Atm : 25.8[°C] 38.5[%]
 Note1 :
 Note2 :

[dB(μV/m)]



<FCC C_GHz_3m>
 Limit(PK)
 Limit(AV)
 <07_GHz_11n(HT20)_Tx_Low>
 Peak level(H,PK)
 Peak level(V,PK)
 Emission level(H,PK)
 Emission level(H,AV)

Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]	Remark
1	4824.000	H	48.0	35.4	10.3	58.3	45.7	74.0	54.0	15.7	8.3	118.0	262.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.



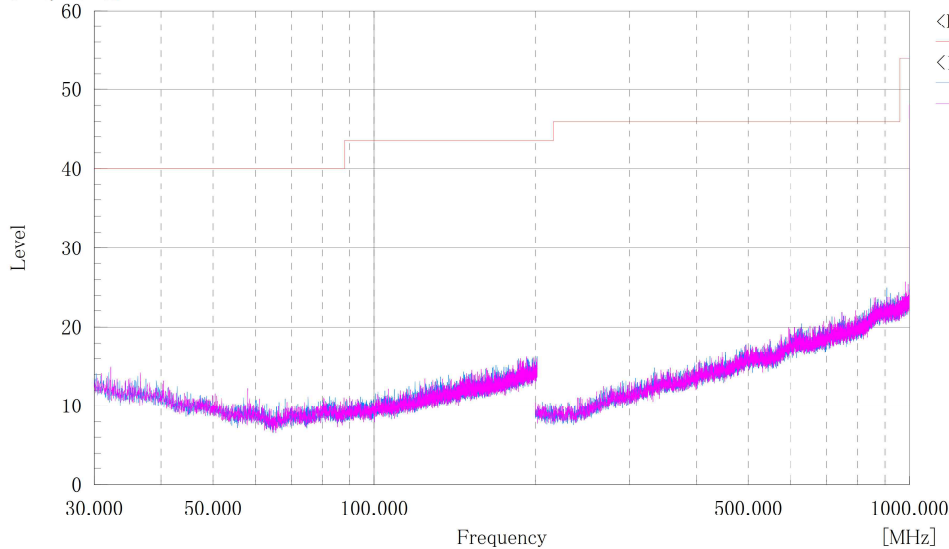
Japan

[11n(HT20)]
Channel Middle
BELOW 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11n(HT20)_Tx_ch:Mid

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 27.2[°C] 36.1[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle	Remark
	[MHz]	[dB(1/m)]	[cm]	[°]	

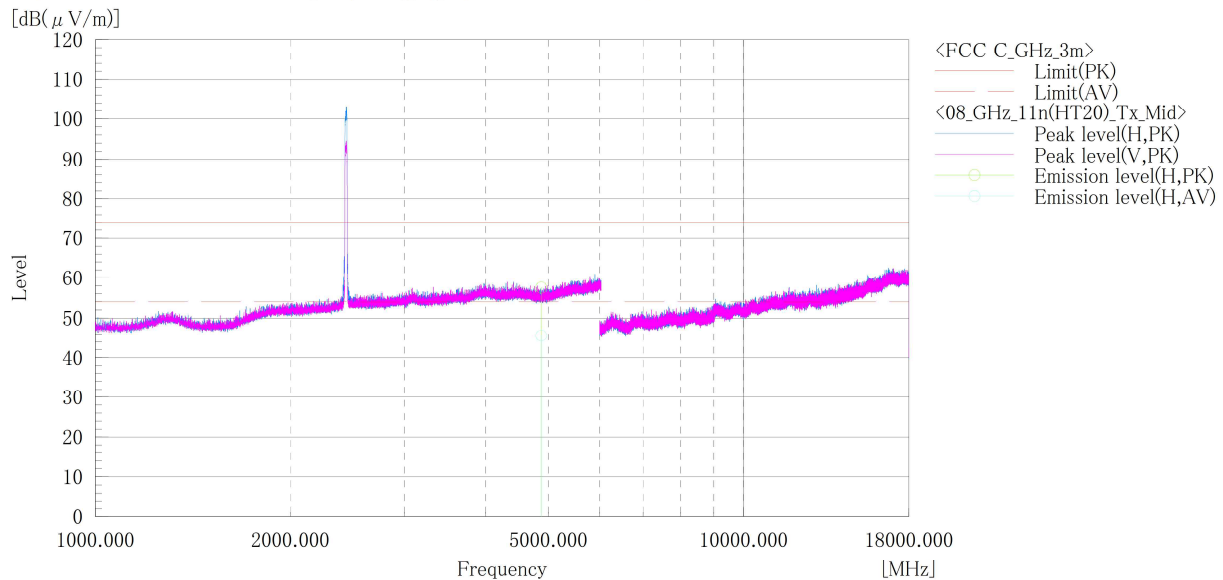
Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11n(HT20)]
Channel Middle
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1035
 Serial No. : N/A
 Test mode : WLAN2.4GHz_11n(HT20)_Tx_ch:Mid

Standard : FCC Part.15 subpart C
 Operator : T.Watanabe
 Temp,Hum,Atm : 25.8[°C] 38.5[%]
 Note1 :
 Note2 :



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c. f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]	Remark
1	4874.000	H	47.2	35.3	10.3	57.5	45.6	74.0	54.0	16.5	8.4	143.0	178.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.



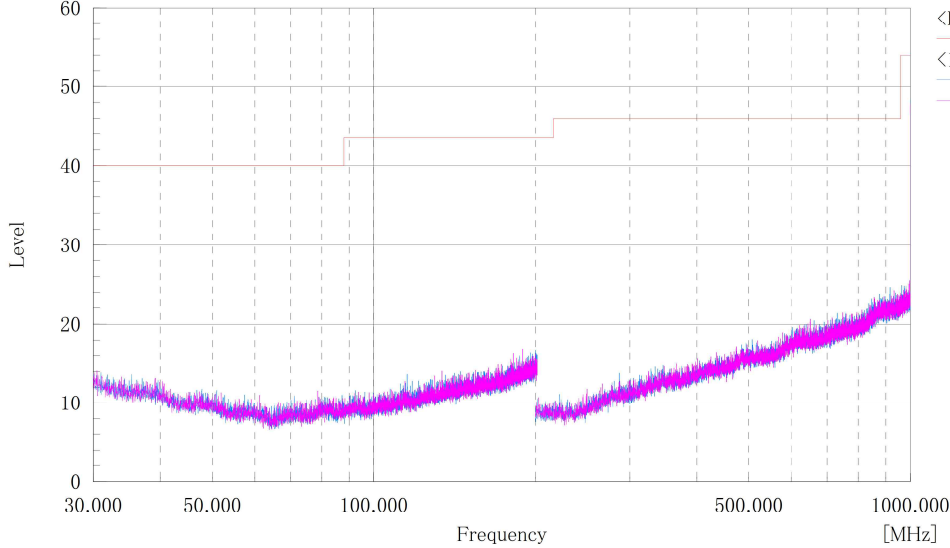
Japan

[11n(HT20)]
Channel High
BELOW 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11n(HT20)_Tx_ch:High

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 24.4[°C] 34.4[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle	Remark
	[MHz]	[dB(1/m)]	[cm]	[°]	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.



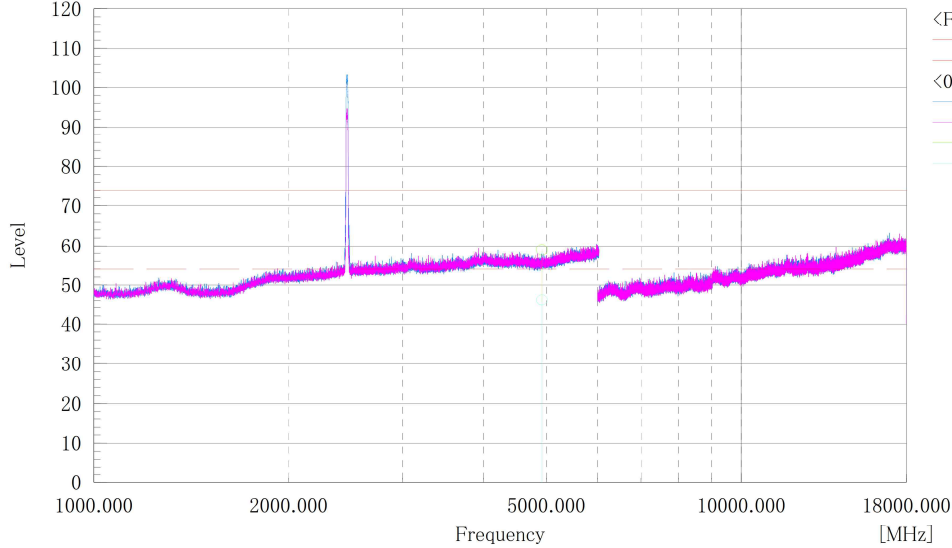
Japan

[11n(HT20)]
Channel High
ABOVE 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11n(HT20)_Tx_ch:High

Standard : FCC Part.15 subpart C
Operator : T.Watanabe
Temp,Hum,Atm : 25.8[°C] 38.5[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]	Remark
1	4924.000	H	48.5	35.7	10.4	58.9	46.1	74.0	54.0	15.1	7.9	151.0	70.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 25GHz at the 3 meters distance.



Japan

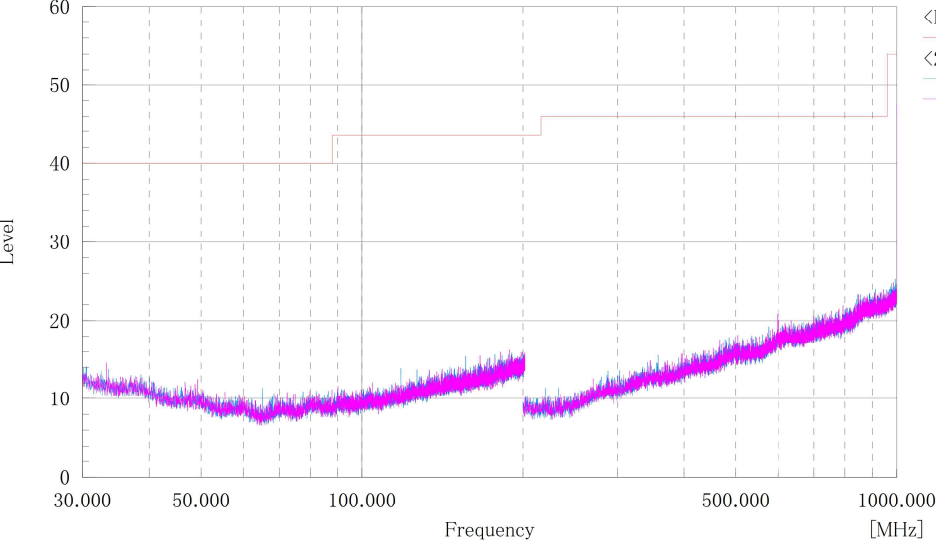
4.1.4.2 Receive mode

Channel Low
BELOW 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11b_Rx_ch:Low

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 24.4[°C] 34.4[%]
Note1 :
Note2 :

[dB(μ V/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle	Remark
	[MHz]	[dB(1/m)]	[cm]	[°]	

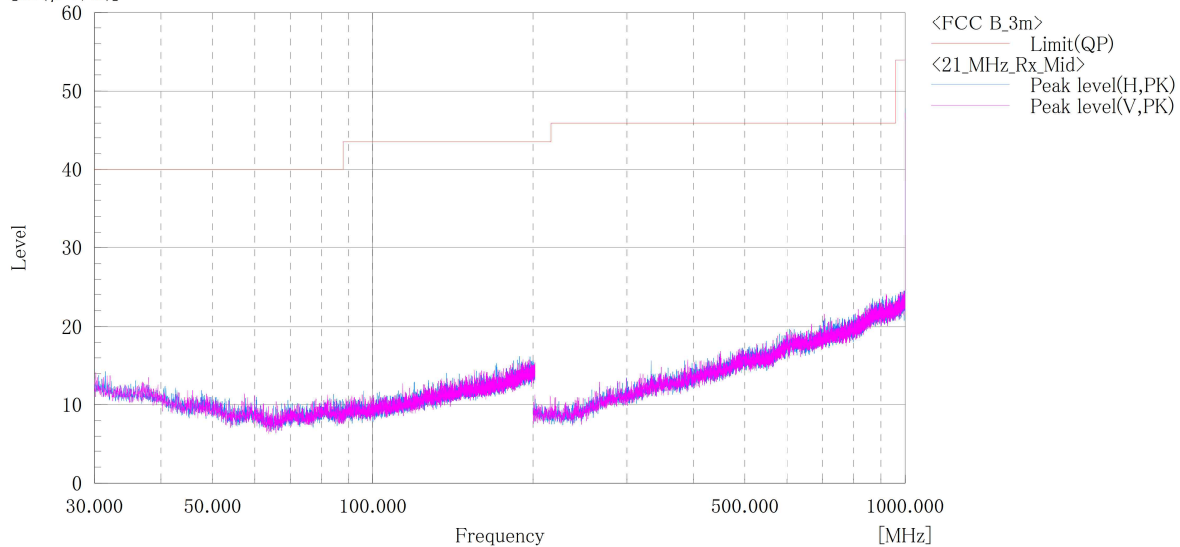
- Note:
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
 2. No emission were detected in frequency range 9kHz to 1000MHz and 1GHz to 25GHz at the 3 meters distance.

Channel Middle BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1035
 Serial No. : N/A
 Test mode : WLAN2.4GHz_11b_Rx_ch:Mid

Standard : FCC Part.15 subpartC
 Operator : T.Watanabe
 Temp,Hum : 24.4[°C] 34.4[%]
 Note1 :
 Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle	Remark
	[MHz]	[dB(1/m)]	[cm]	[°]	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz and 1GHz to 25GHz at the 3 meters distance.



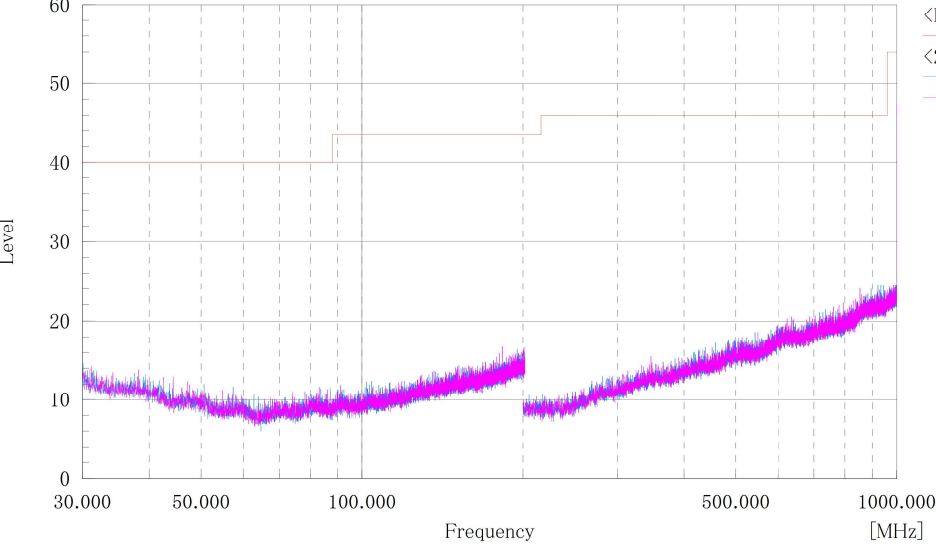
Japan

**Channel High
BELOW 1GHz**

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1035
Serial No. : N/A
Test mode : WLAN2.4GHz_11b_Rx_ch:High

Standard : FCC Part.15 subpartC
Operator : T.Watanabe
Temp,Hum : 24.4[°C] 34.4[%]
Note1 :
Note2 :

[dB(μV/m)]



Final Result

No.	Frequency (P)	c.f	Height	Angle	Remark
	[MHz]	[dB(1/m)]	[cm]	[°]	

- Note:
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
 2. No emission were detected in frequency range 9kHz to 1000MHz and 1GHz to 25GHz at the 3 meters distance.