

4.5.4.3 Radiated Emissions

Date	: 18-August-2021		
Temperature	: 22.4 [°C]		
Humidity	: 66.2 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Chiaki Kanno</u>
Date	: 19-August-2021		
Temperature	: 20.7 [°C]		
Humidity	: 68.7 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Chiaki Kanno</u>
Date	: 20-August-2021		
Temperature	: 21.4 [°C]		
Humidity	: 70.6 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Chiaki Kanno</u>
Date	: 21-August-2021		
Temperature	: 22.8 [°C]		
Humidity	: 68.1 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Chiaki Kanno</u>
Date	: 23-August-2021		
Temperature	: 22.8 [°C]		
Humidity	: 63.2 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Chiaki Kanno</u>
Date	: 24-August-2021		
Temperature	: 20.8 [°C]		
Humidity	: 69.2 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Chiaki Kanno</u>
Date	: 28-August-2021		
Temperature	: 23.0 [°C]		
Humidity	: 63.7 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Taiki Watanabe</u>
Date	: 29-August-2021		
Temperature	: 22.2 [°C]		
Humidity	: 64.9 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Taiki Watanabe</u>
Date	: 30-31-August-2021		
Temperature	: 23.3 [°C]		
Humidity	: 65.1 [%]	Test engineer	:
Test place	: 3m Semi-anechoic chamber		<u>Taiki Watanabe</u>

**[IEEE802.11a]
(5.2 GHz Band)**

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11a	36	5180	10360.00	H	PK	46.8	11.2		58.0	68.2	10.2
	40	5200	10400.00	H	PK	46.0	11.3		57.3	68.2	10.9
	48	5240	10480.00	H	PK	45.9	11.4		57.3	68.2	10.9

(5.3 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11a	52	5260	10520.00	H	PK	45.9	11.5		57.4	68.2	10.8
	56	5280	10560.00	H	PK	46.4	11.5		57.9	68.2	10.3
	64	5320	10640.00	H	PK	47.4	11.7		59.1	74.0	14.9
			10640.00	H	AV	34.3	11.7	0.128	46.1	54.0	7.9

(5.6 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11a	100	5500	5468.40	H	PK	51.4	11.8		63.2	68.2	5.0
			5468.70	V	PK	51.3	11.8		63.1	68.2	5.1
			11000.00	H	PK	46.1	12.3		58.4	74.0	15.6
			11000.00	H	AV	33.4	12.3	0.121	45.8	54.0	8.2
	116	5580	11160.00	H	PK	46.1	12.3		58.4	74.0	15.6
			11160.00	H	AV	33.4	12.3	0.121	45.8	54.0	8.2
	140	5700	11400.00	H	PK	46.6	12.5		59.1	74.0	14.9
			11400.00	H	AV	33.6	12.5	0.121	46.2	54.0	7.8
	144	5720	11440.00	H	PK	45.7	12.5		58.2	74.0	15.8
			11440.00	H	AV	33.5	12.5	0.121	46.1	54.0	7.9

(5.8 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11a	149	5745	5646.10	H	PK	49.8	11.9		61.7	68.2	6.5
			5644.20	V	PK	49.6	11.9		61.5	68.2	6.7
			11490.00	H	PK	45.7	12.5		58.2	74.0	15.8
			11490.00	H	AV	33.1	12.5	0.108	45.7	54.0	8.3
	157	5785	11570.00	H	PK	46.2	12.5		58.7	74.0	15.3
			11570.00	H	AV	32.9	12.5	0.108	45.5	54.0	8.5
	165	5825	11650.00	H	PK	46.0	12.5		58.5	74.0	15.5
			11650.00	H	AV	33.4	12.5	0.108	46.0	54.0	8.0

Note:

1. Emission Level (Margin) = Limit - [Reading + C.F (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 30 MHz to 1000 MHz at the 3 meters distance.
3. No emission was detected in the receive mode.

IEEE802.11n (HT20) (5.2 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (20MHz)	36	5180	10360.00	V	PK	46.1	11.2		57.3	68.2	10.9
	40	5200	10400.00	V	PK	45.3	11.3		56.6	68.2	11.6
	48	5240	10480.00	V	PK	46.2	11.4		57.6	68.2	10.6

(5.3 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (20MHz)	52	5260	10520.00	V	PK	45.6	11.5		57.1	68.2	11.1
	56	5280	10560.00	V	PK	46.6	11.5		58.1	68.2	10.1
	64	5320	10640.00	V	PK	47.3	11.7		59.0	74.0	15.0
			10640.00	V	AV	34.1	11.7	0.129	45.9	54.0	8.1

(5.6 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (20MHz)	100	5500	5468.44	H	PK	50.0	11.8		61.8	68.2	6.4
			5464.48	V	PK	50.0	11.8		61.8	68.2	6.4
			11000.00	V	PK	45.9	12.3		58.2	74.0	15.8
			11000.00	V	AV	33.0	12.3	0.123	45.4	54.0	8.6
	116	5580	11160.00	V	PK	45.4	12.3		57.7	74.0	16.3
			11160.00	V	AV	33.2	12.3	0.123	45.6	54.0	8.4
			11400.00	V	PK	46.3	12.5		58.8	74.0	15.2
	140	5700	11400.00	V	AV	33.3	12.5	0.123	45.9	54.0	8.1
			11440.00	V	PK	45.5	12.5		58.0	74.0	16.0
	144	5720	11440.00	V	PK	45.5	12.5		58.0	74.0	16.0
			11440.00	V	AV	33.0	12.5	0.123	45.6	54.0	8.4

(5.8 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (20MHz)	149	5745	5631.00	H	PK	48.8	11.9		60.7	68.2	7.5
			5641.70	V	PK	49.1	11.9		61.0	68.2	7.2
			11490.00	H	PK	45.5	12.5		58.0	74.0	16.0
			11490.00	H	AV	32.6	12.5	0.122	45.2	54.0	8.8
	157	5785	11570.00	H	PK	45.8	12.5		58.3	74.0	15.7
			11570.00	H	AV	33.0	12.5	0.122	45.6	54.0	8.4
	165	5825	11650.00	H	PK	45.7	12.5		58.2	74.0	15.8
			11650.00	H	AV	33.3	12.5	0.122	45.9	54.0	8.1

Note:

1. Emission Level (Margin) = Limit - [Reading + C.F (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 30 MHz to 1000 MHz at the 3 meters distance.
3. No emission was detected in the receive mode.

[IEEE802.11n (HT40)] **(5.2 GHz Band)**

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (40MHz)	38	5190	10380.00	H	PK	46.3	11.2		57.5	68.2	10.7
	46	5230	10460.00	H	PK	45.2	11.4		56.6	68.2	11.6

(5.3 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (40MHz)	54	5270	10540.00	H	PK	46.6	11.5		58.1	68.2	10.1
	62	5310	10620.00	H	PK	46.6	11.7		58.3	74.0	15.7
			10620.00	H	AV	34.2	11.7	0.255	46.2	54.0	7.8

(5.6 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (40MHz)	102	5510	5468.41	H	PK	50.5	11.8		62.3	68.2	5.9
			5467.93	V	PK	49.5	11.8		61.3	68.2	6.9
			11020.00	H	PK	45.4	12.3	0.249	57.7	74.0	16.3
			11020.00	H	AV	32.8	12.3		45.3	54.0	8.7
	110	5550	11100.00	H	PK	45.3	12.3	0.249	57.6	74.0	16.4
			11100.00	H	AV	33.0	12.3		45.5	54.0	8.5
		134	11340.00	H	PK	45.8	12.4	0.249	58.2	74.0	15.8
			11340.00	H	AV	33.4	12.4		46.0	54.0	8.0
	142	5710	11420.00	H	PK	45.1	12.5	0.249	57.6	74.0	16.4
			11420.00	H	AV	33.2	12.5		45.9	54.0	8.1

(5.8 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (40MHz)	151	5755	5648.13	H	PK	48.6	11.9		60.5	68.2	7.7
			5643.90	V	PK	48.2	11.9		60.1	68.2	8.1
			11510.00	H	PK	45.2	12.5	0.256	57.7	74.0	16.3
			11510.00	H	AV	32.6	12.5		45.4	54.0	8.6
	159	5795	11590.00	H	PK	45.9	12.5	0.256	58.4	74.0	15.6
			11590.00	H	AV	32.9	12.5		45.7	54.0	8.3

Note:

1. Emission Level (Margin) = Limit - [Reading + C.F (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 30 MHz to 1000 MHz at the 3 meters distance.
3. No emission was detected in the receive mode.

[IEEE802.11ac (VHT80)]
(5.2 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11ac (80MHz)	42	5210	10420.00	H	PK	45.7	11.3		57.0	68.2	11.2

(5.3 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11ac (80MHz)	58	5290	10580.00	H	PK	46.9	11.6		58.5	68.2	9.7

(5.6 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11ac (80MHz)	106	5530	5463.60	V	PK	49.9	11.8		61.7	68.2	6.5
			5464.29	H	PK	49.6	11.8		61.4	68.2	6.8
			11060.00	H	PK	46.1	12.3		58.4	74.0	15.6
			11060.00	H	AV	33.0	12.3	0.488	45.8	54.0	8.2
	122	5610	11220.00	H	PK	47.0	12.4		59.4	74.0	14.6
			11220.00	H	AV	33.1	12.4	0.488	46.0	54.0	8.0
	138	5690	11380.00	H	PK	46.0	12.5		58.5	74.0	15.5
			11380.00	H	AV	33.2	12.5	0.481	46.2	54.0	7.8

(5.8 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11ac (80MHz)	155	5775	5645.70	V	PK	49.4	11.9		61.3	68.2	6.9
			5648.31	H	PK	49.0	11.9		60.9	68.2	7.3
			11060.00	H	PK	45.9	12.5		58.4	74.0	15.6
			11060.00	H	AV	33.3	12.5	0.475	46.3	54.0	7.7

Note:

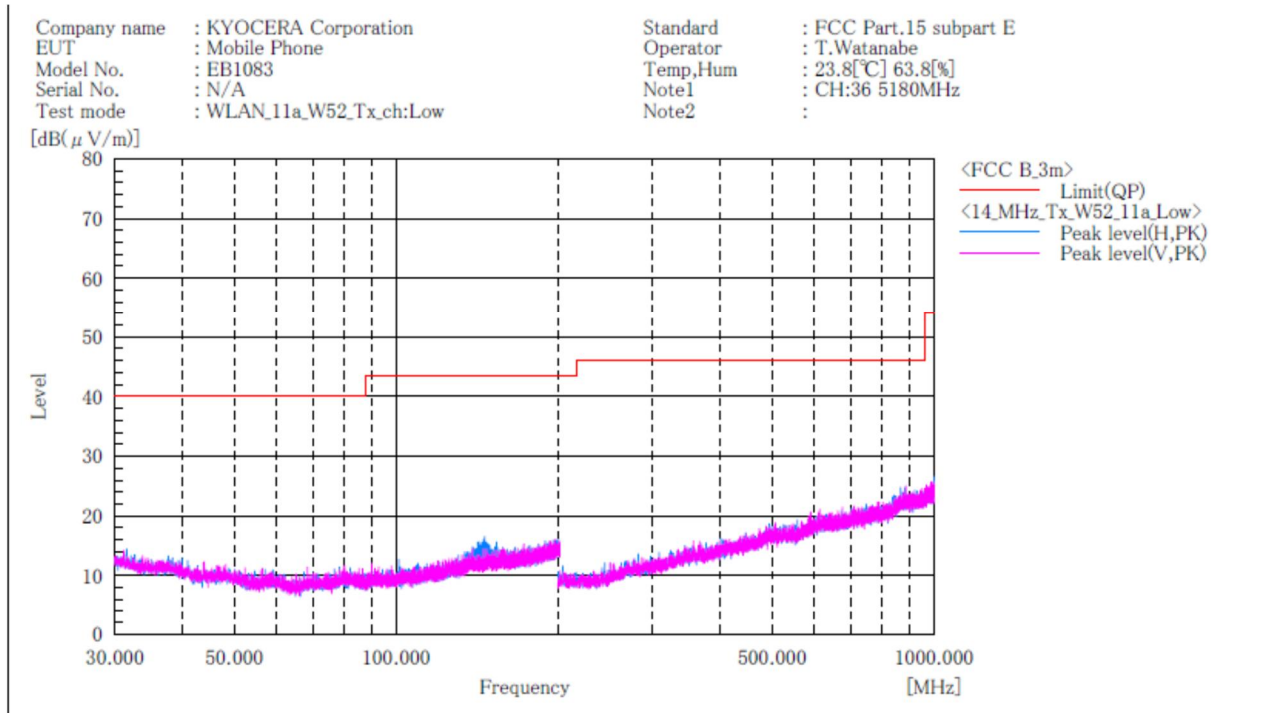
1. Emission Level (Margin) = Limit - [Reading + C.F (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 30 MHz to 1000 MHz at the 3 meters distance.
3. No emission was detected in the receive mode.

4.5.4.4 Measurement chart

Transmission mode

[11a]

W52 / Channel Low
BELOW 1GHz



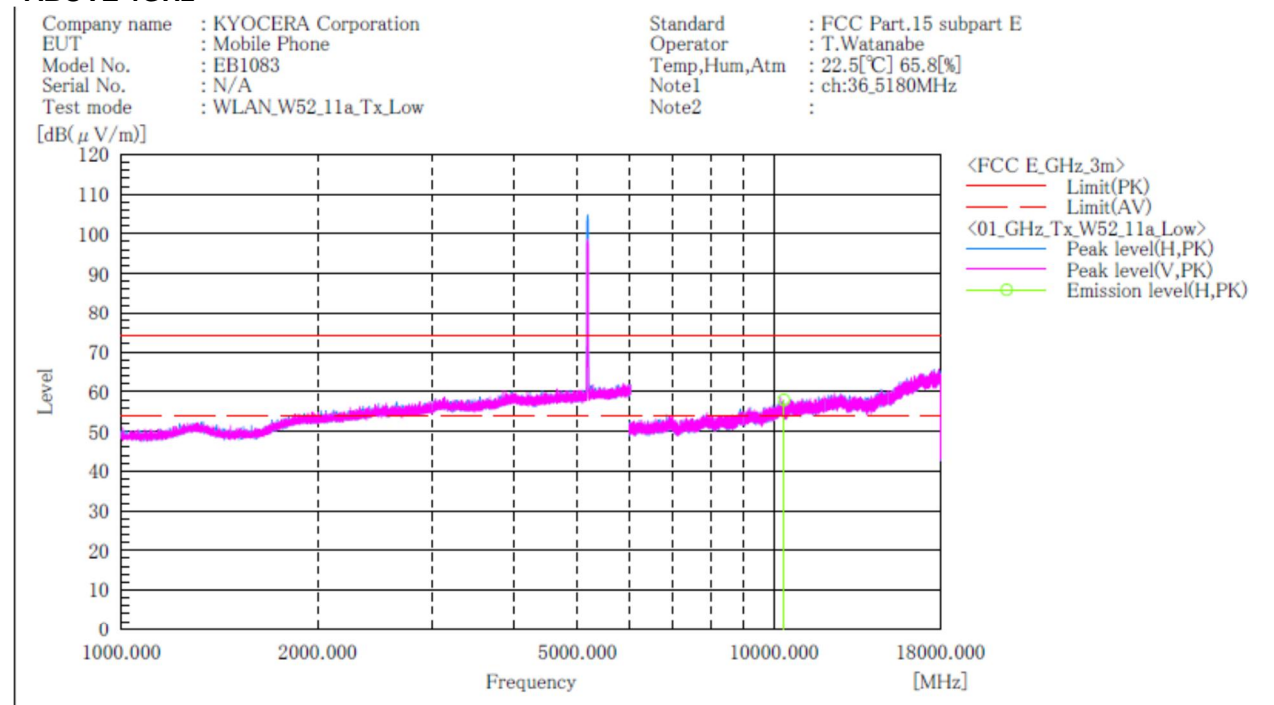
Final Result

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.

[11a]

**W52 / Channel Low
ABOVE 1GHz**

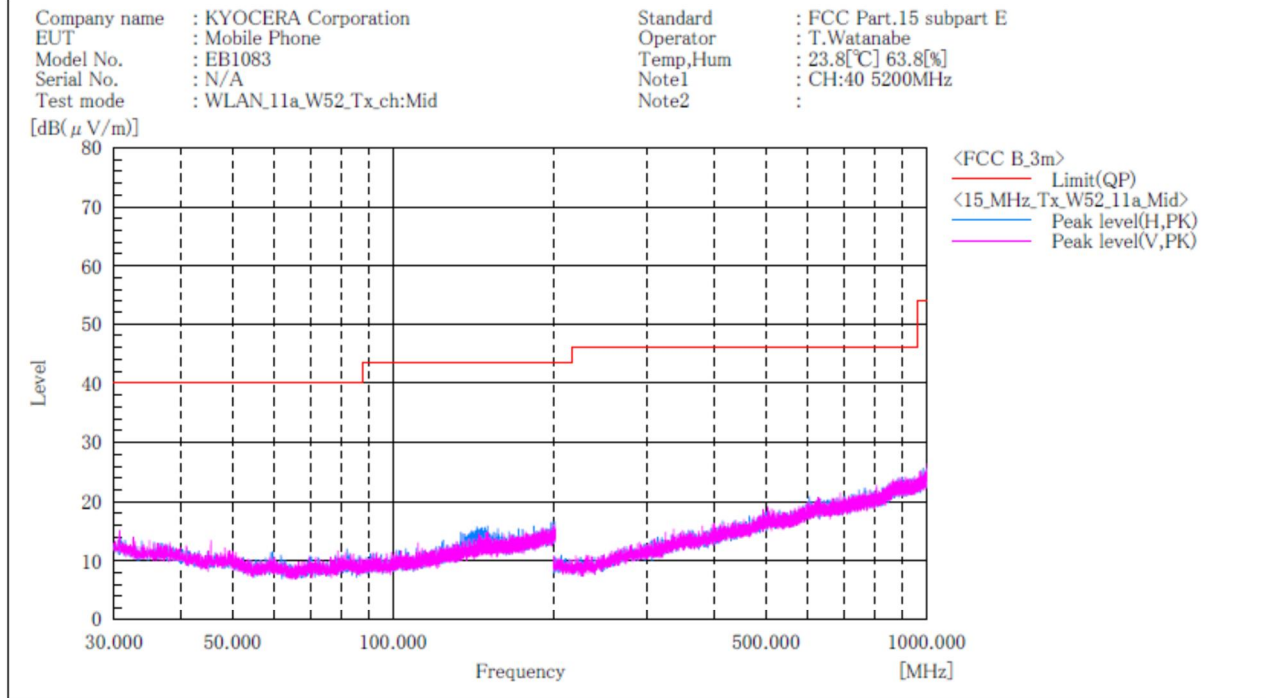
Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10360.000	H	46.8	11.2	58.0	68.2	10.2	100.0	276.0	

Note:

- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]
W52 / Channel Middle
BELOW 1GHz

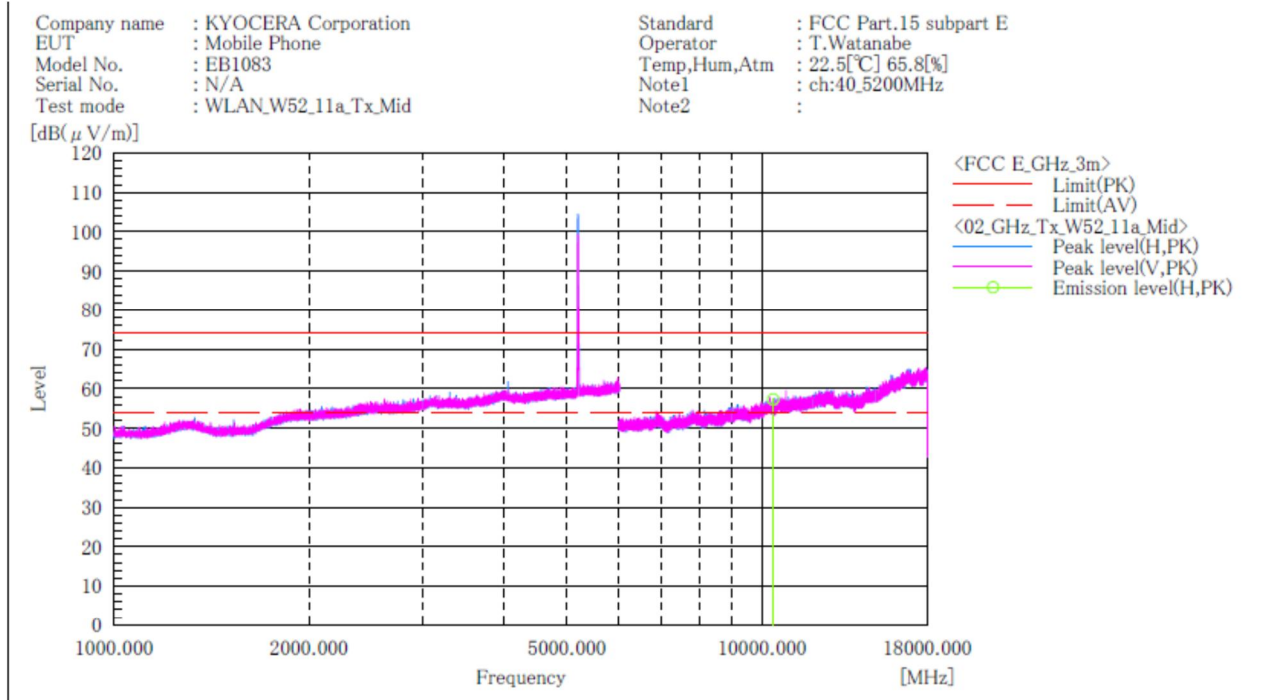


Final Result

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

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

[11a]
W52 / Channel Middle
ABOVE 1GHz



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10400.000	H	46.0	11.3	57.3	68.2	10.9	100.0	293.0	

Note:

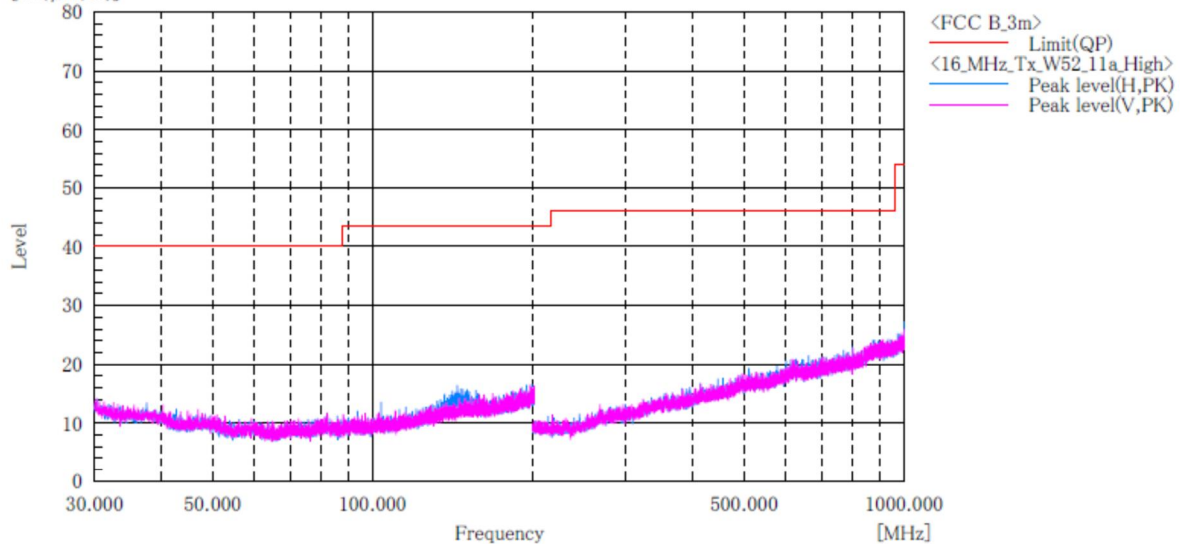
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]
W52 / Channel High
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11a_W52_Tx_ch:High

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 63.8[%]
 Note1 : CH:48 5240MHz
 Note2 :

[dB(μV/m)]



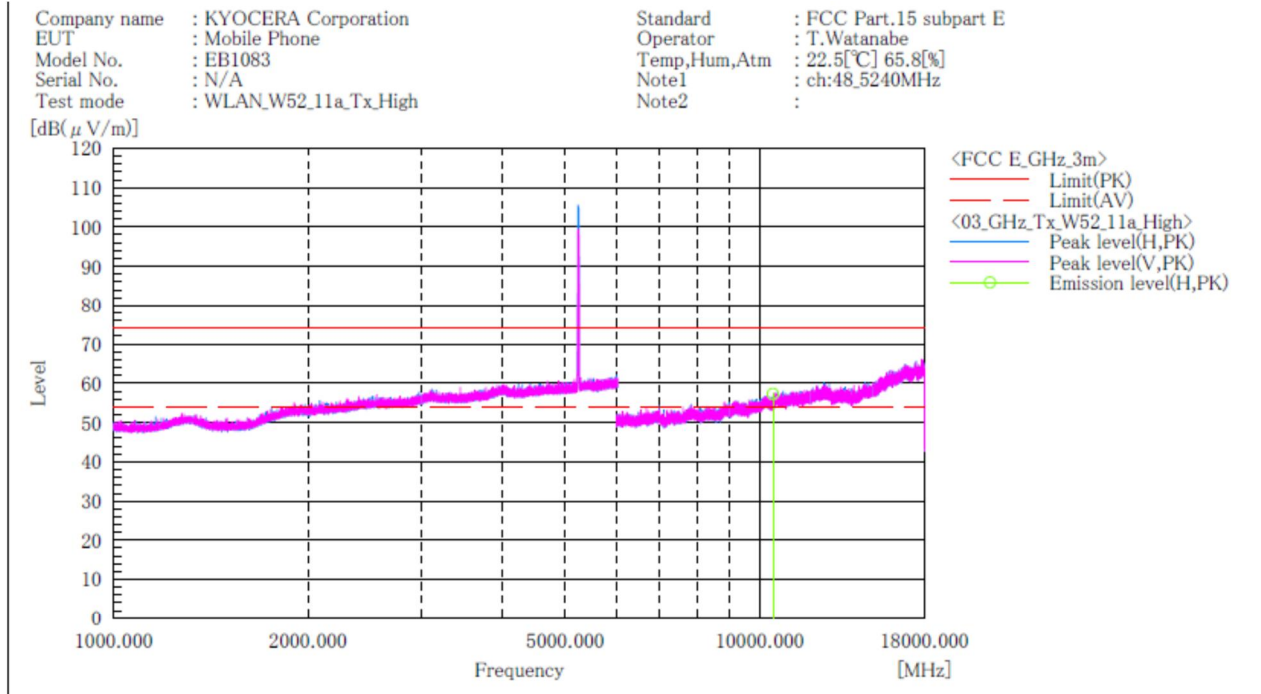
Final Result

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

Note:

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

[11a]

**W52 / Channel High
ABOVE 1GHz**

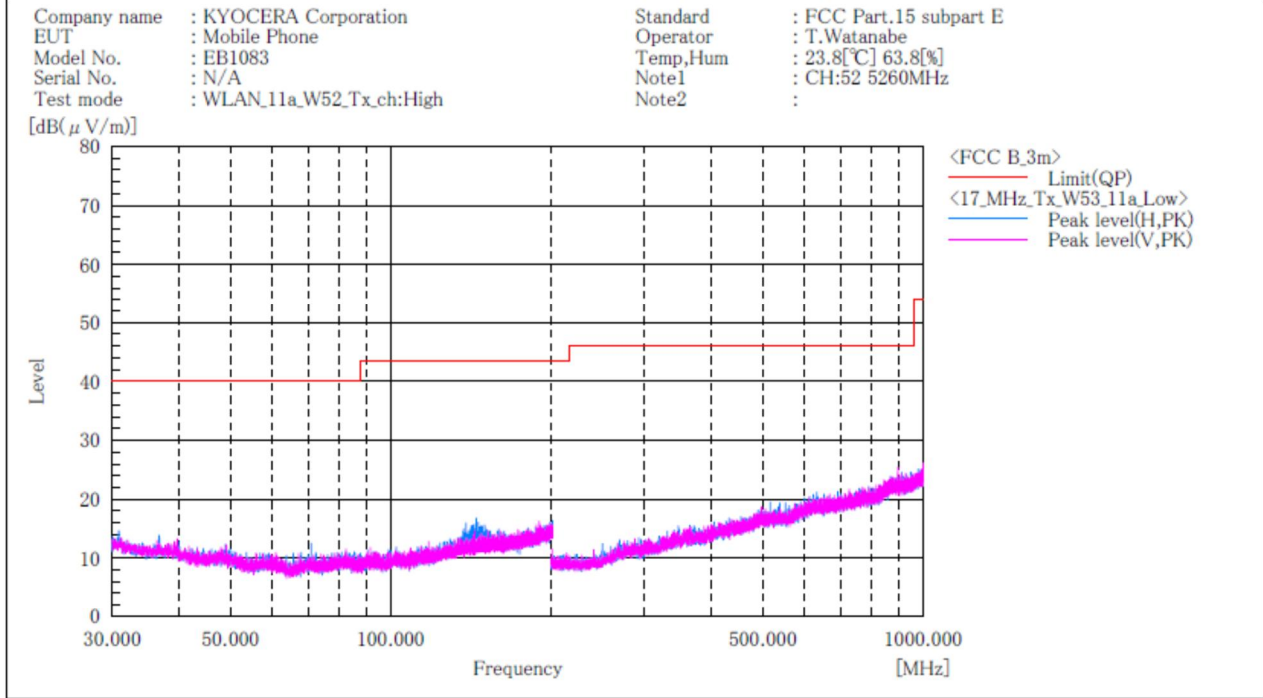
Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10480.000	H	45.9	11.4	57.3	74.0	16.7	100.0	220.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]
W53 / Channel Low
BELOW 1GHz

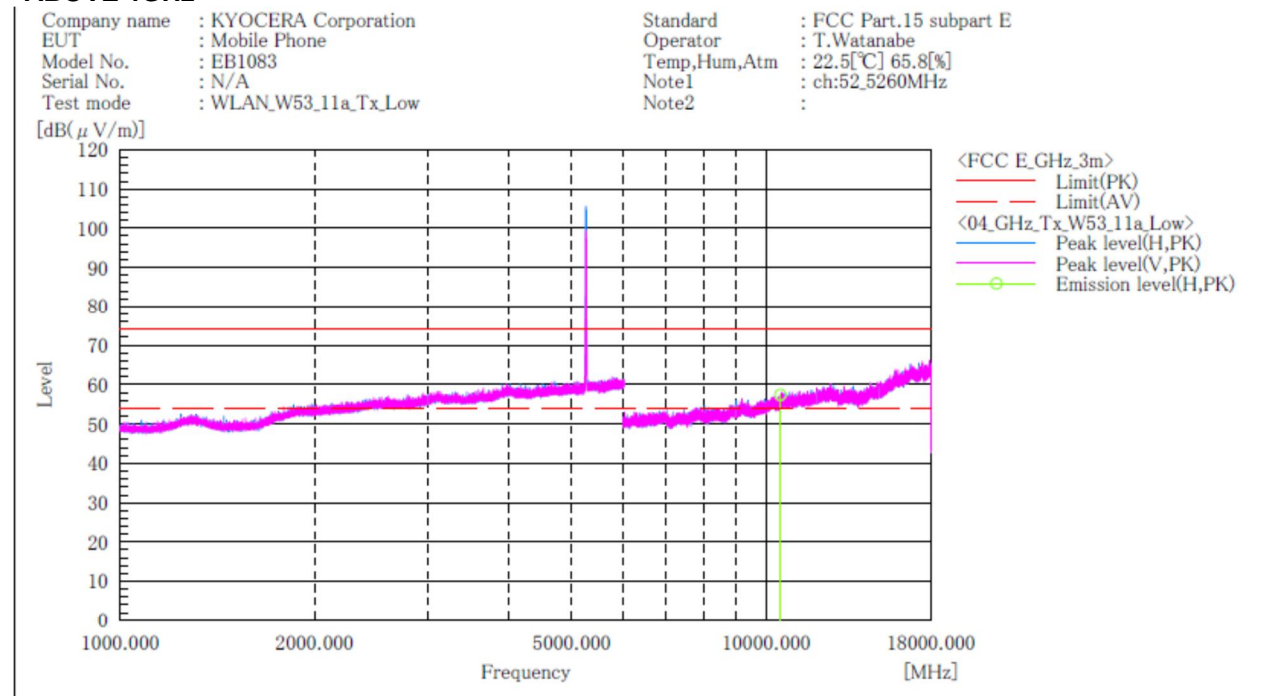


Final Result

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

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

[11a]

W53 / Channel Low
ABOVE 1GHz


Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10520.000	H	45.9	11.5	57.4	68.2	10.8	100.0	252.0	

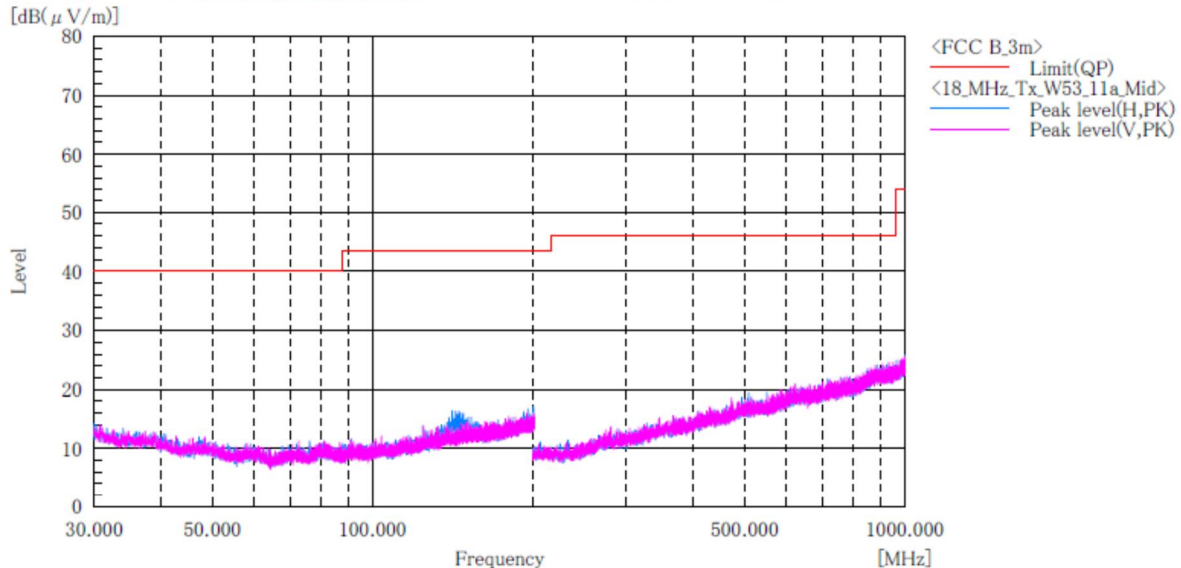
Note:

- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]
W53 / Channel Middle
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11a_W53_Tx_ch:Mid

Standard : FCC Part.15 subpartE
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 63.8[%]
 Note1 : CH:56 5280MHz
 Note2 :



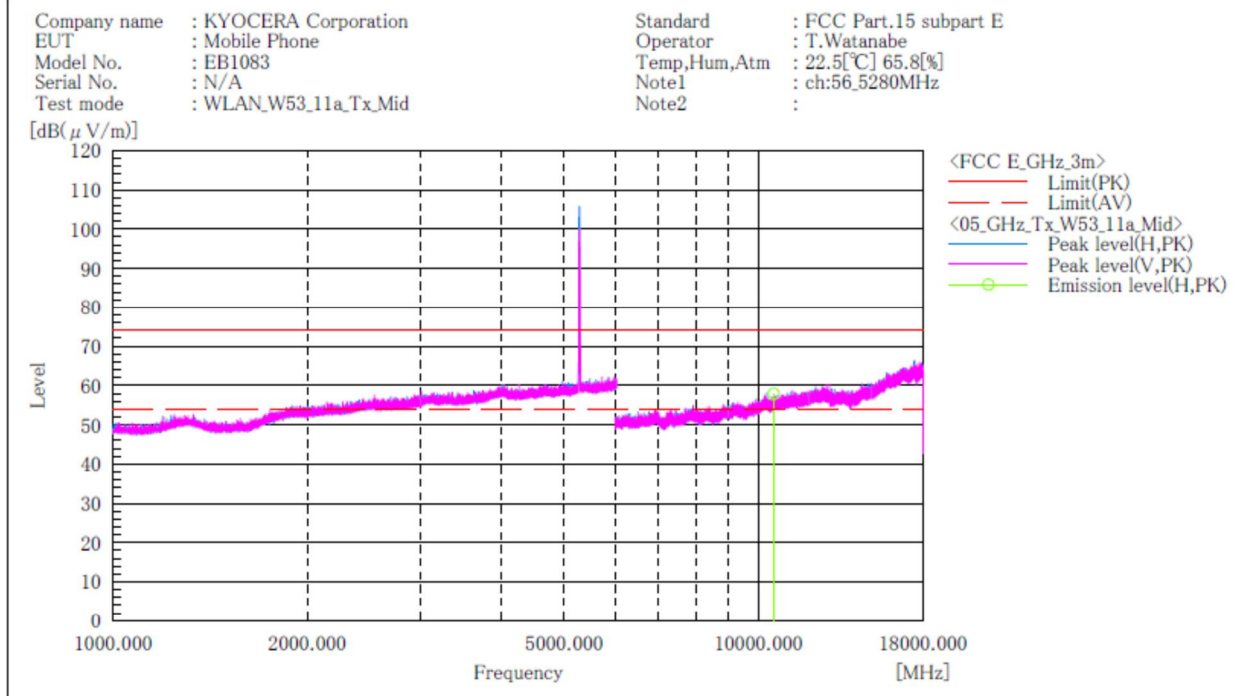
Final Result

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

Note:

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

[11a]
W53 / Channel Middle
ABOVE 1GHz



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10560.000	H	46.4	11.5	57.9	68.2	10.3	100.0	244.0	

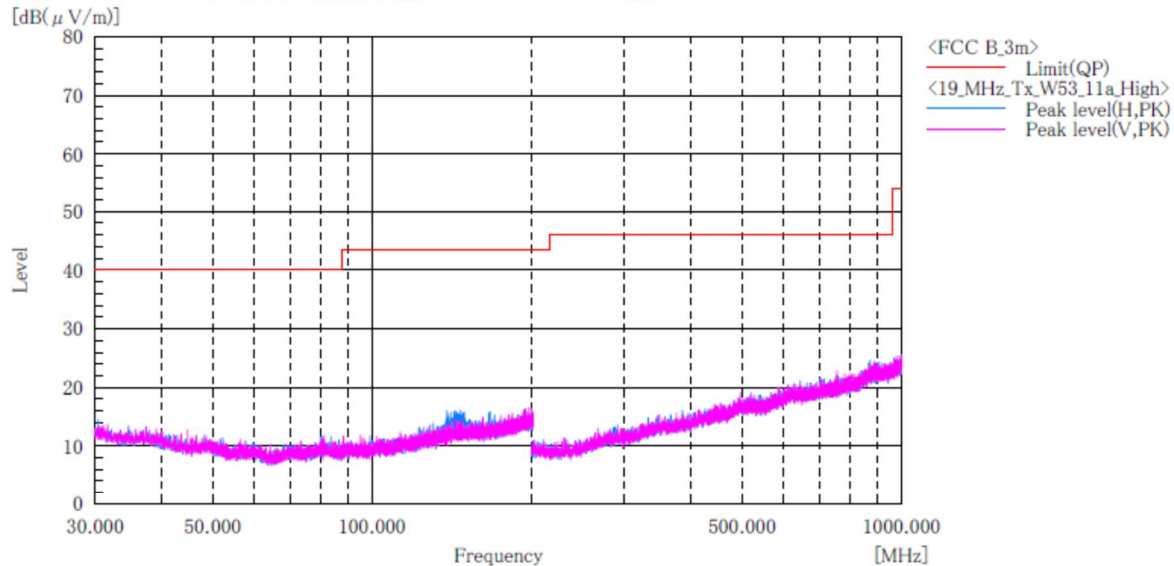
Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]
W53 / Channel High
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11a_W53_Tx_ch:High

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 63.8[%]
 Note1 : CH:64 5320MHz
 Note2 :



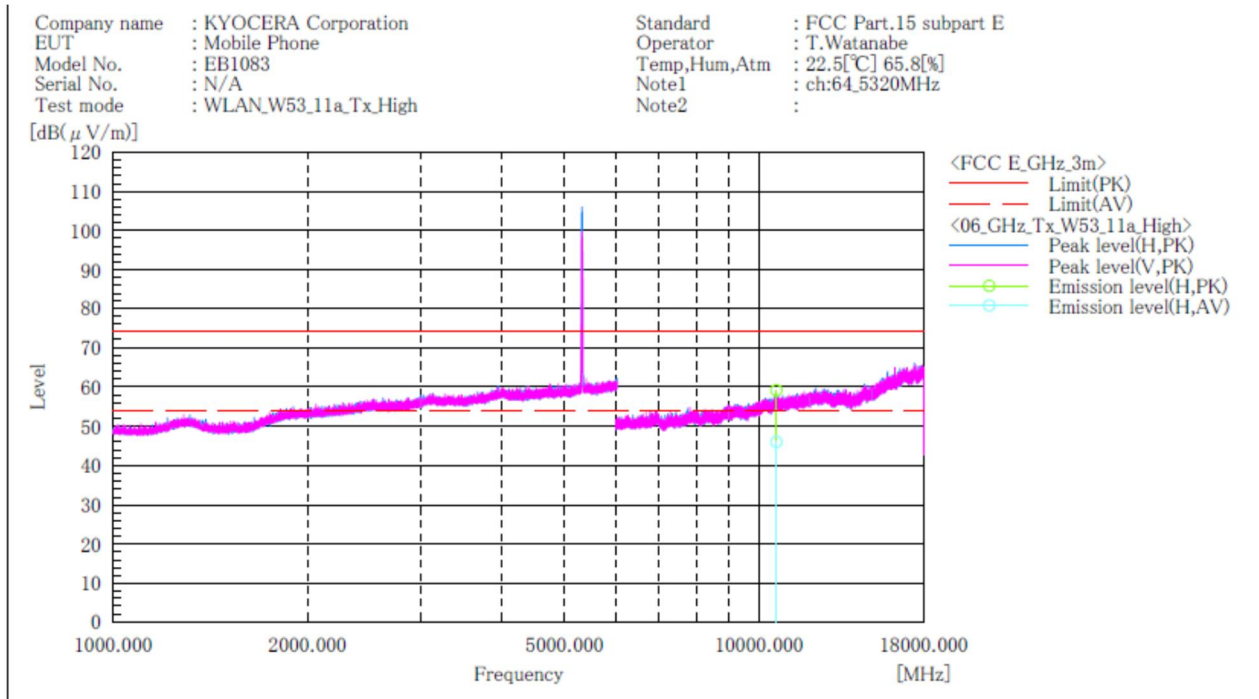
Final Result

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.

[11a]
W53 / Channel High
ABOVE 1GHz



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	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	10640.000	H	47.4	34.3	11.7	59.1	46.0	74.0	54.0	14.9	8.0	100.0	258.0

Note:

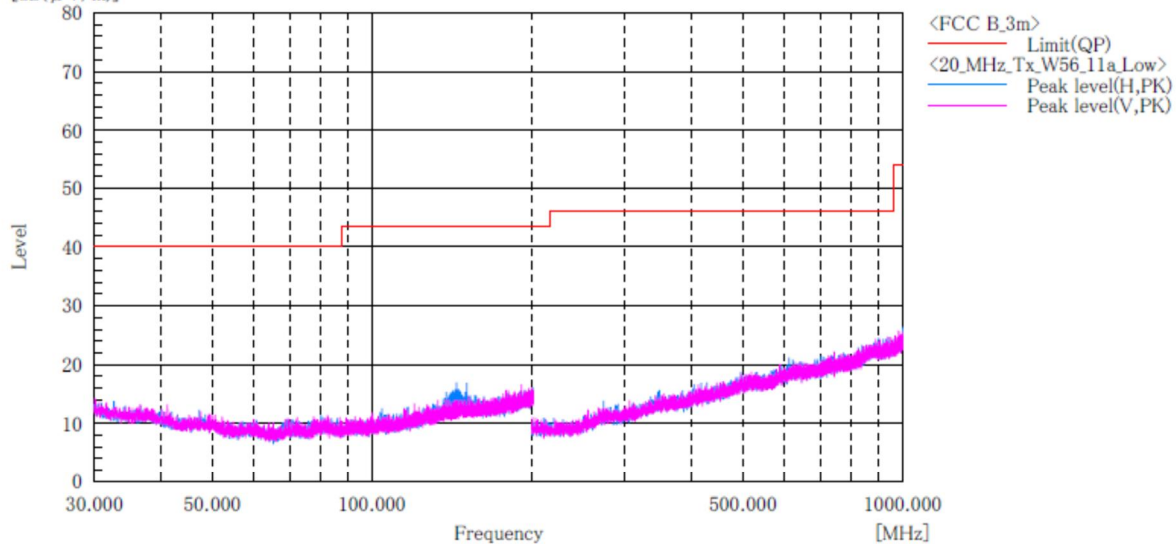
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]

W56 / Channel Low
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11a_W56_Tx_ch:Low

Standard : FCC Part.15 subpartE
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 63.8[%]
 Note1 : CH:100 5500MHz
 Note2 :

[dB(μ V/m)]

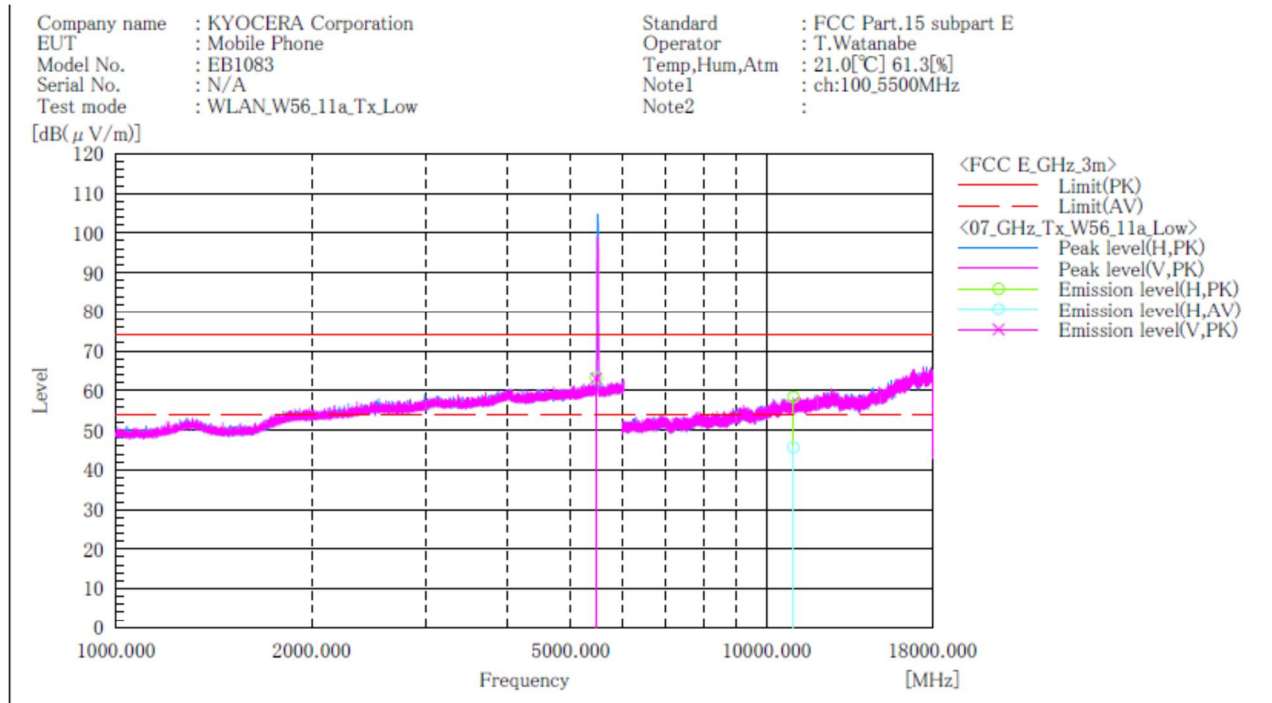
Final Result

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

Note:

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

[11a]
W56 / Channel Low
ABOVE 1GHz



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	5468.400	H	51.4		11.8	63.2		74.0	54.0	10.8		100.0	269.0	
2	5468.700	V	51.3		11.8	63.1		74.0	54.0	10.9		100.0	18.0	
3	11000.000	H	46.1	33.4	12.3	58.4	45.7	74.0	54.0	15.6	8.3	100.0	164.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

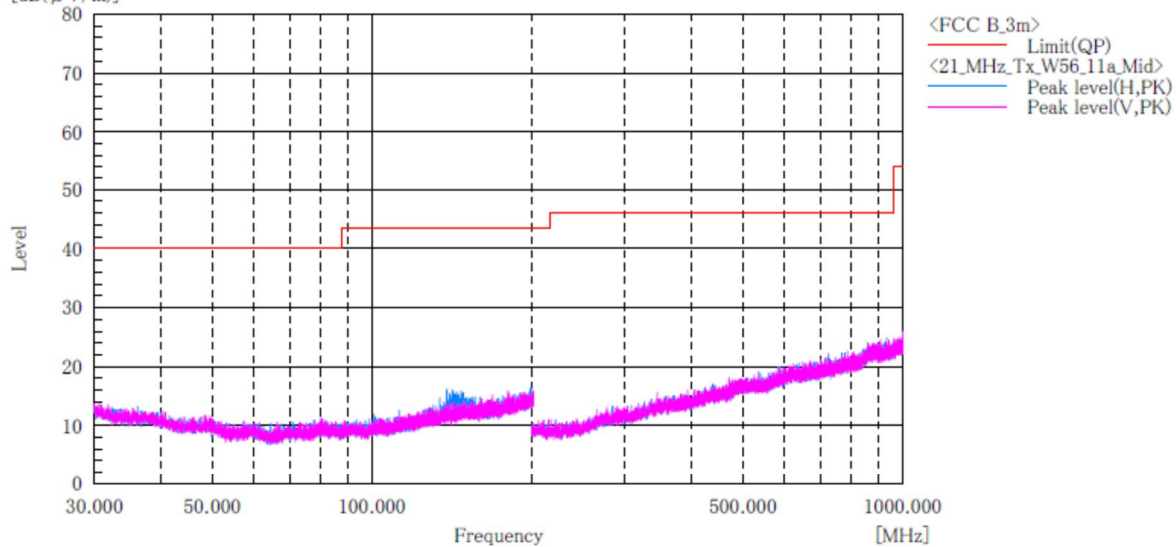
[11a]

**W56 / Channel Middle
BELOW 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11a_W56_Tx_ch:Mid

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 63.8[%]
 Note1 : CH:116 5580MHz
 Note2 :

[dB(μV/m)]



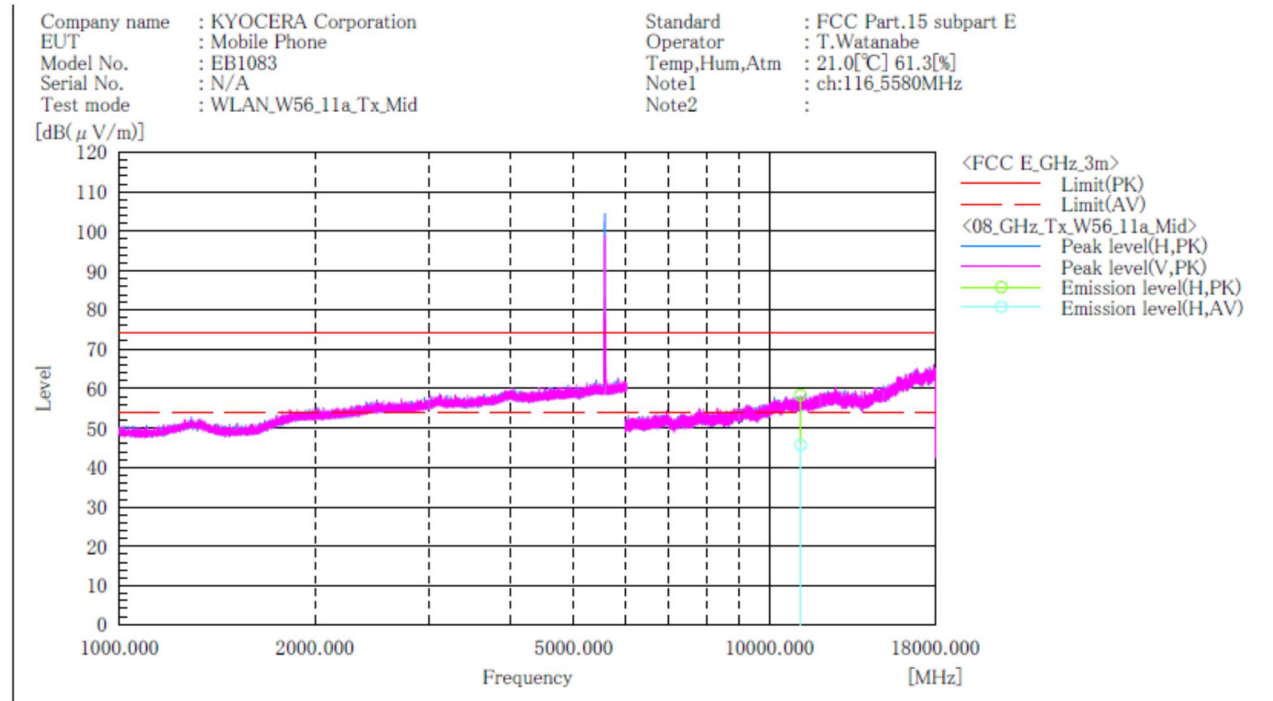
Final Result

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.

[11a]

**W56 / Channel Middle
ABOVE 1GHz**


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	Remark	
	[MHz]	[dB(μ V)]	[dB(μ V)]	[dB(1/m)]	[dB(μ V/m)]	[dB(μ V/m)]	[dB(μ V/m)]	[dB(μ V/m)]	[dB]	[dB]	[cm]	[°]		
1	11160.000	H	46.1	33.4	12.3	58.4	45.7	74.0	54.0	15.6	8.3	103.0	242.0	

Note:

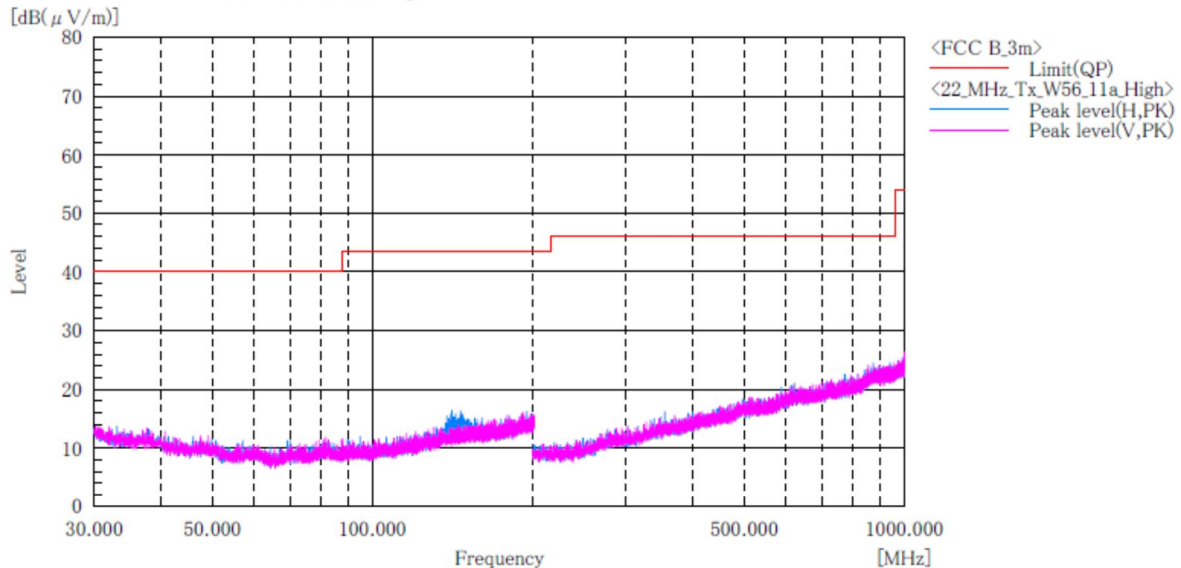
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]

W56 / Channel High
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11a_W56_Tx_ch:High

Standard : FCC Part.15 subpartE
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 63.8[%]
 Note1 : CH:140 5700MHz
 Note2 :



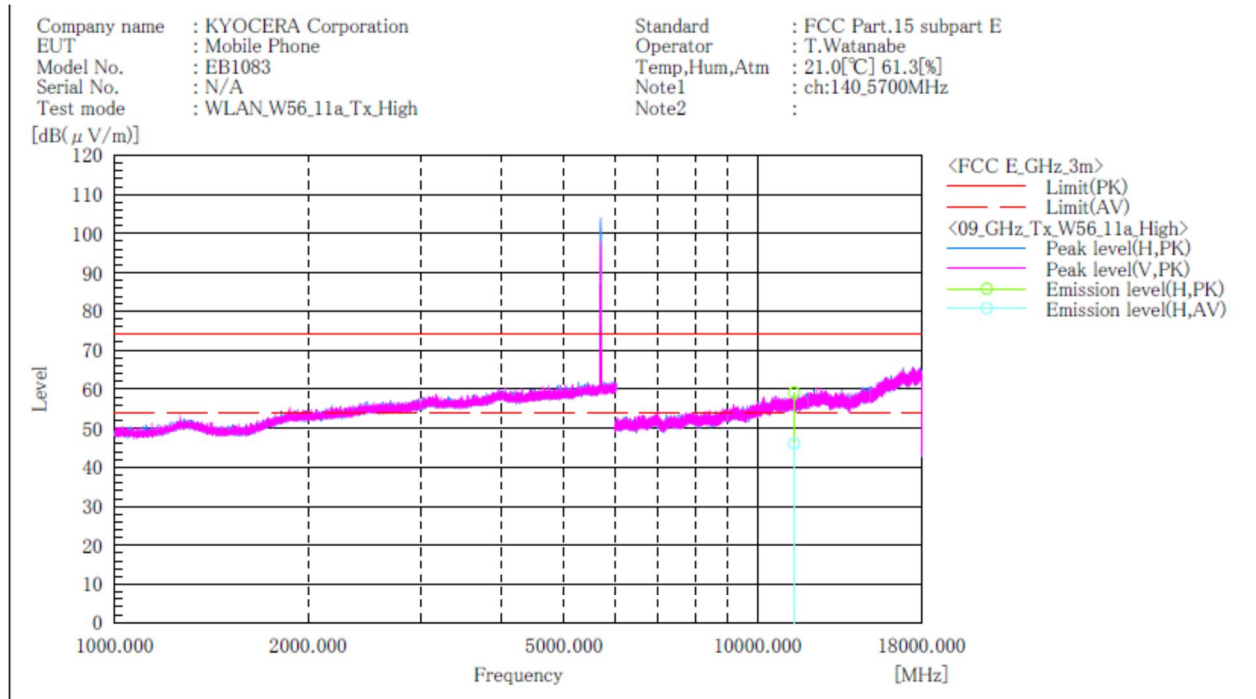
Final Result

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.

[11a]
W56 / Channel High
ABOVE 1GHz



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	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	11400.000	H	46.6	33.6	12.5	59.1	46.1	74.0	54.0	14.9	7.9	107.0	185.0

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

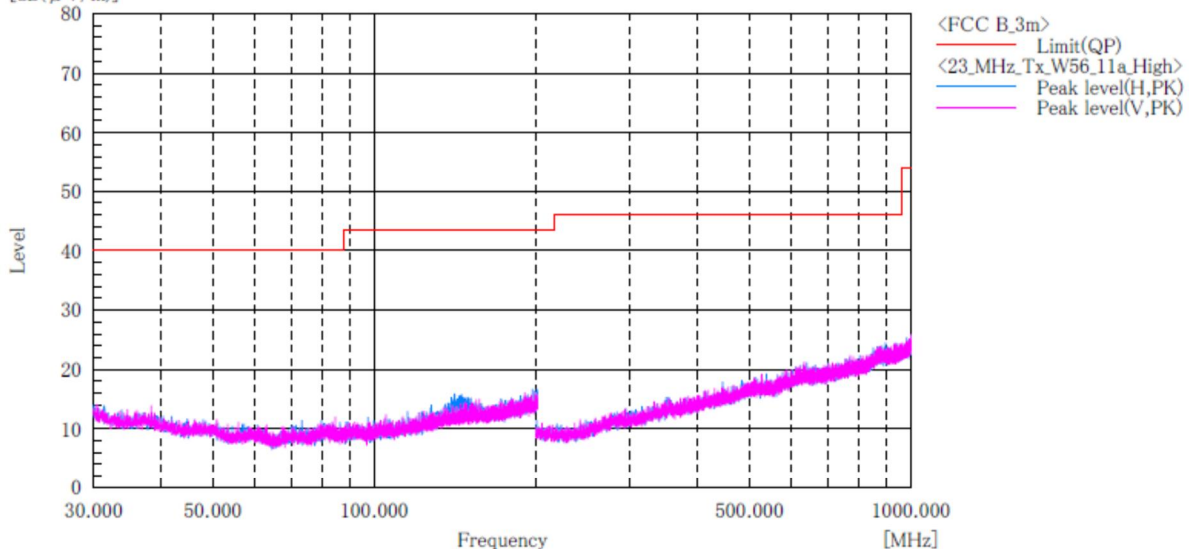
[11a]

W56 / Channel High
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11a_W56_Tx_ch:High

Standard : FCC Part.15 subpartE
 Operator : T.Watanabe
 Temp,Hum : 23.8[°C] 63.8[%]
 Note1 : CH:144 5720MHz
 Note2 :

[dB(μV/m)]



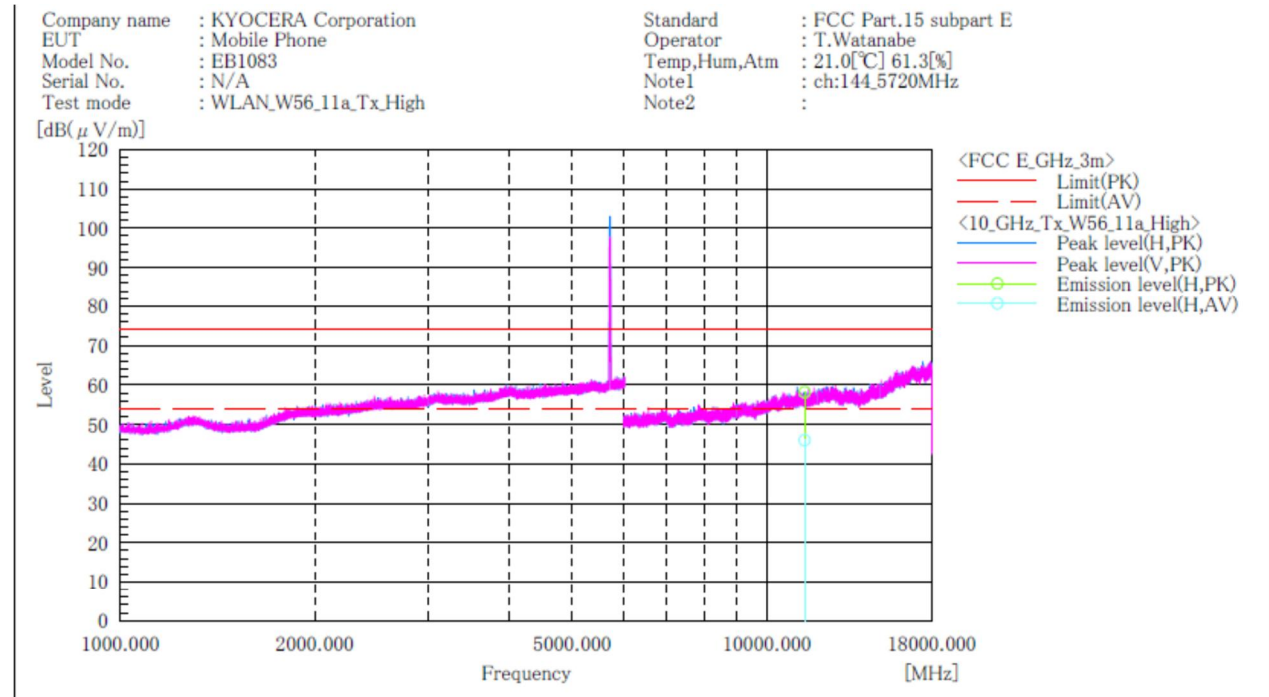
Final Result

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.

[11a]

**W56 / Channel High
ABOVE 1GHz**

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	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	11440.000	H	45.7	33.5	12.5	58.2	46.0	74.0	54.0	15.8	8.0	108.0	198.0

Note:

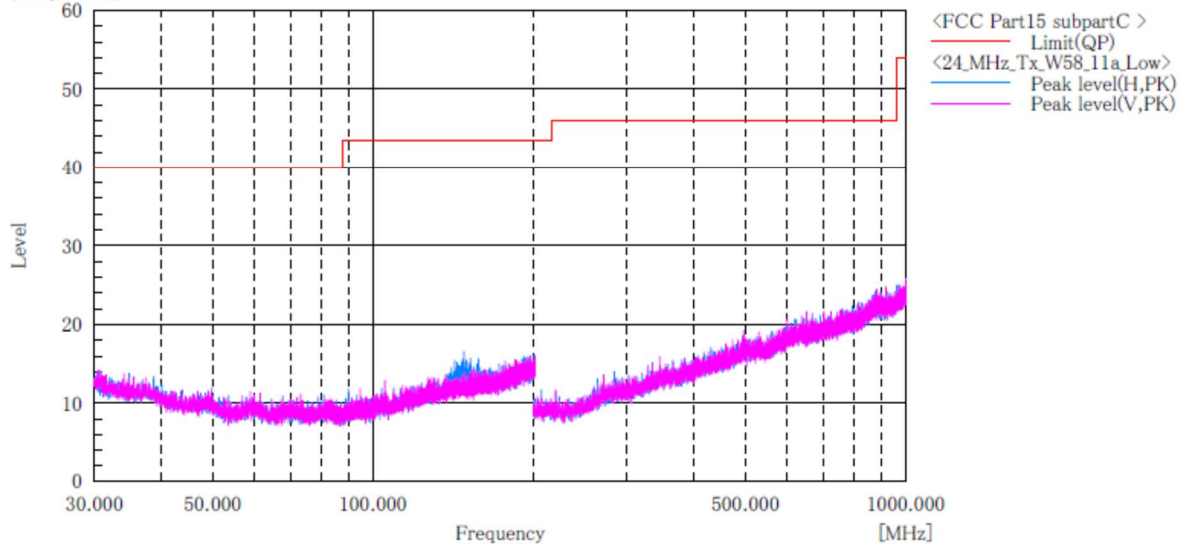
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]**W58 / Channel Low
BELOW 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1086
 Serial No. : N/A
 Test mode : WLAN_11a_W58_Tx_ch:Low

Standard : FCC Part.15 subpartE
 Operator : T.Watanabe
 Temp,Hum : 23.0[°C] 63.7[%]
 Note1 : CH:149 5745MHz
 Note2 :

[dB(μV/m)]

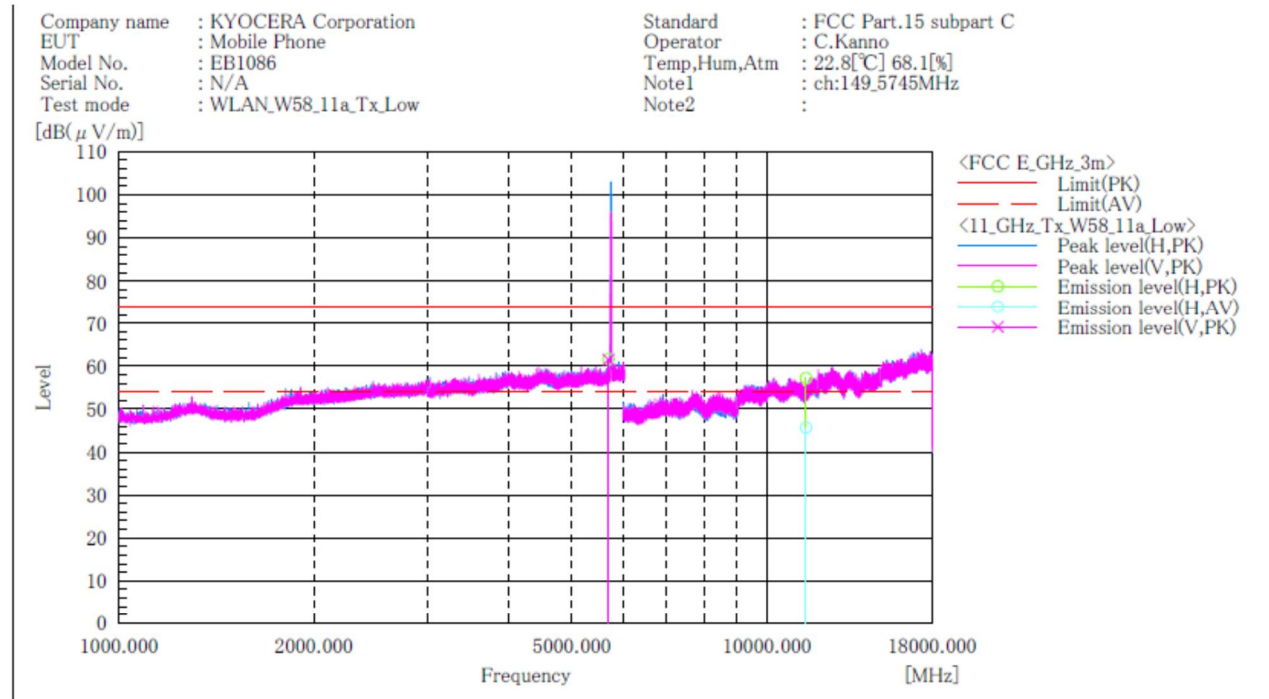
**Final Result**

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.

[11a]
W58 / Channel Low
ABOVE 1GHz



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	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	5692.500	H 49.6		12.0	61.6		68.2	54.0	6.6		200.0	237.0	
2	5692.900	V 49.5		12.0	61.5		68.2	54.0	6.7		200.0	353.0	
3	11490.000	H 44.7	33.2	12.5	57.2	45.7	74.0	54.0	16.8	8.3	100.0	250.0	

Note:

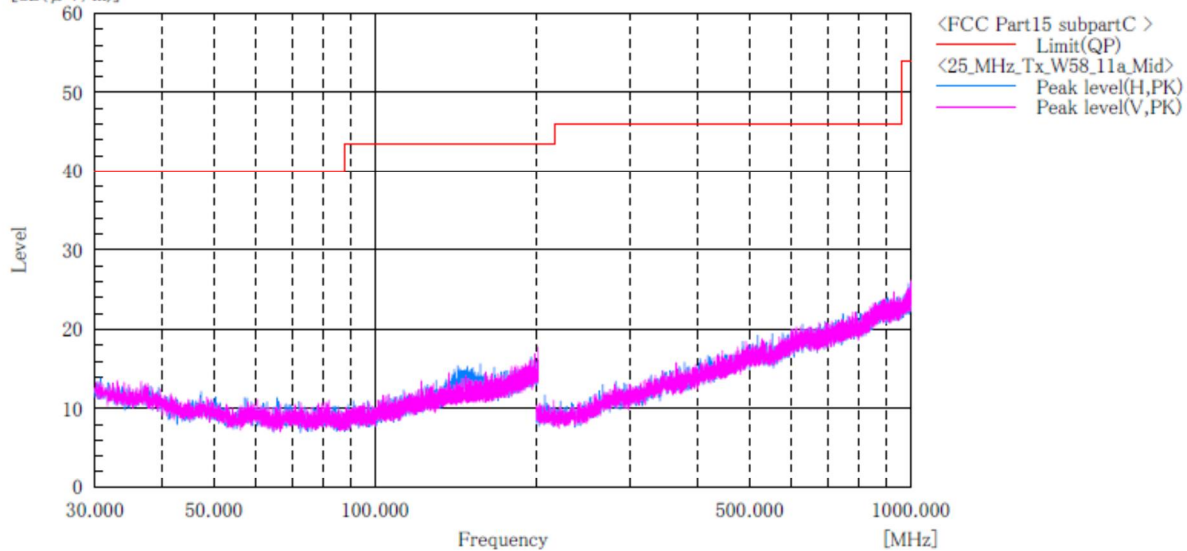
- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]**W58 / Channel Middle
BELOW 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1086
 Serial No. : N/A
 Test mode : WLAN_11a_W58_Tx_ch:Mid

Standard : FCC Part.15 subpartE
 Operator : T.Watanabe
 Temp,Hum : 22.2[°C] 64.9[%]
 Note1 : CH:157 5785MHz
 Note2 :

[dB(μV/m)]

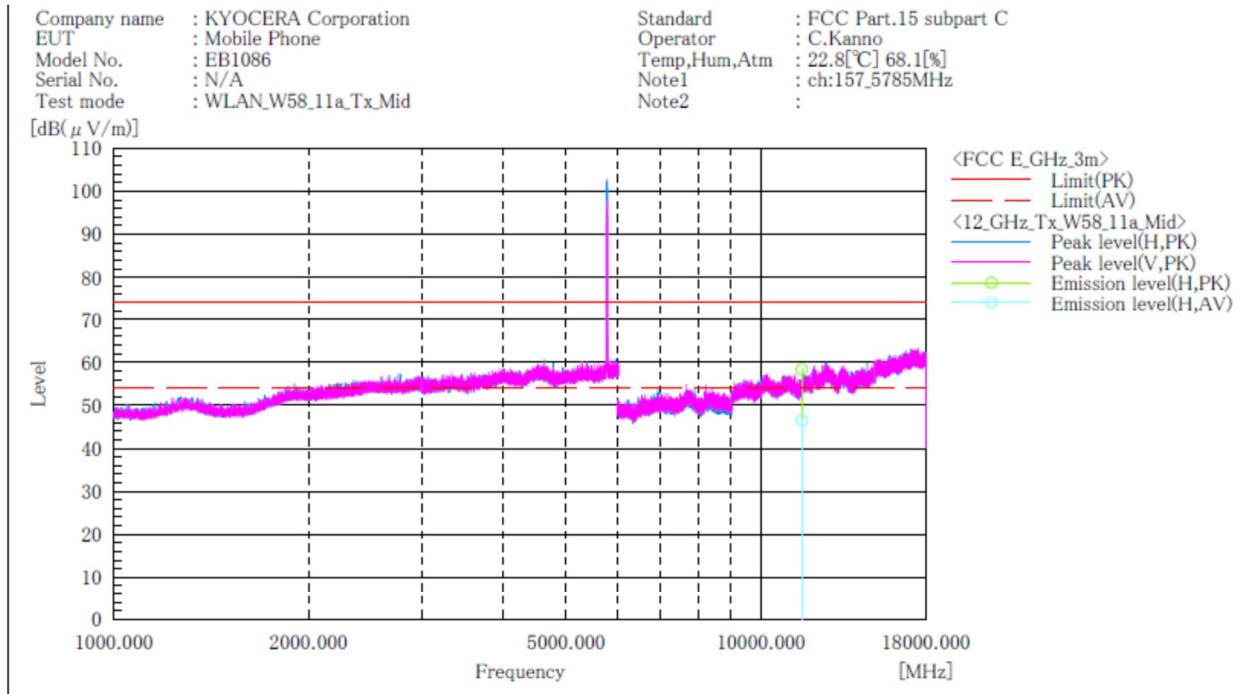
**Final Result**

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.

[11a]

**W58 / Channel Middle
ABOVE 1GHz**


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	Remark	
	[MHz]	[dB(μ V)]	[dB(μ V)]	[dB(1/m)]	[dB(μ V/m)]	[dB(μ V/m)]	[dB(μ V/m)]	[dB(μ V/m)]	[dB]	[dB]	[cm]	[°]		
1	11570.000	H	45.9	34.0	12.5	58.4	46.5	74.0	54.0	15.6	7.5	100.0	245.0	

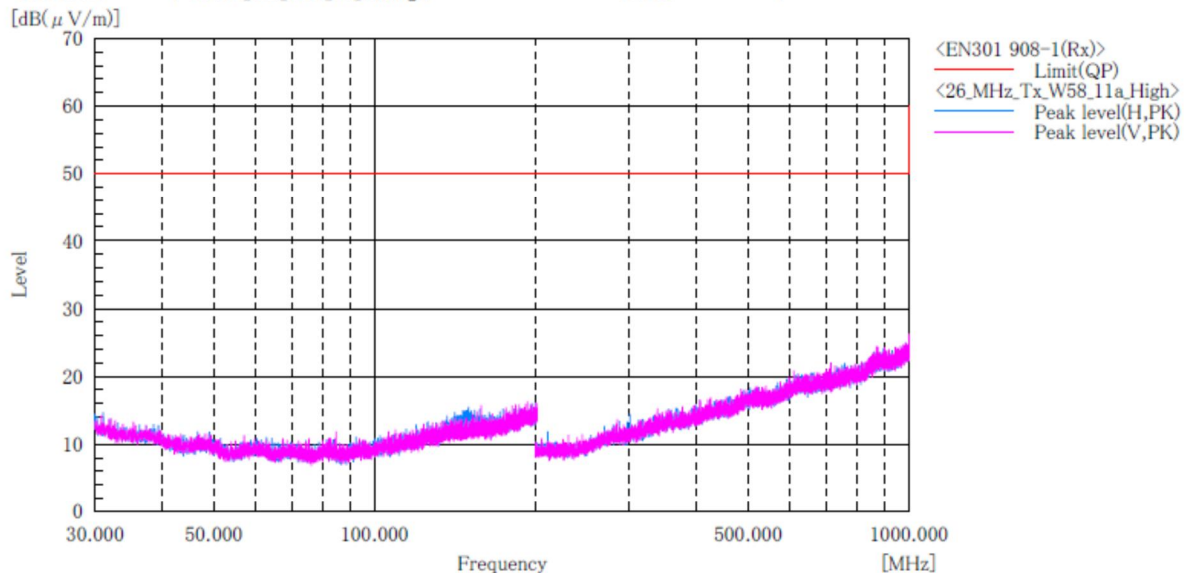
Note:

- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]**W58 / Channel High
BELOW 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1086
 Serial No. : N/A
 Test mode : WLAN_11a_W58_Tx_ch:High

Standard : FCC Part.15 subpartE
 Operator : T.Watanabe
 Temp,Hum : 22.2[°C] 64.9[%]
 Note1 : CH:165 5825MHz
 Note2 :

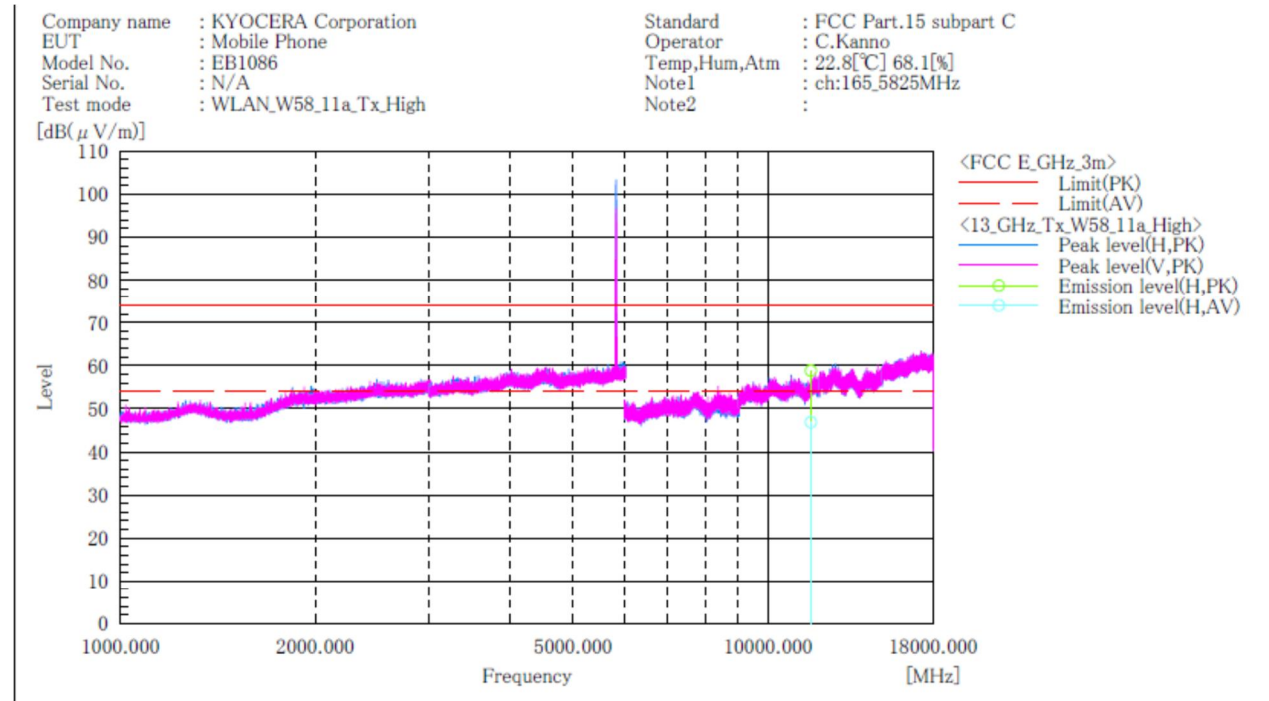
**Final Result**

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

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.

[11a]

W58 / Channel High
ABOVE 1GHz


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	Remark
	[MHz]	[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	11650.000	H	46.3	34.4	12.5	58.8	46.9	74.0	54.0	15.2	7.1	100.0	252.0

Note:

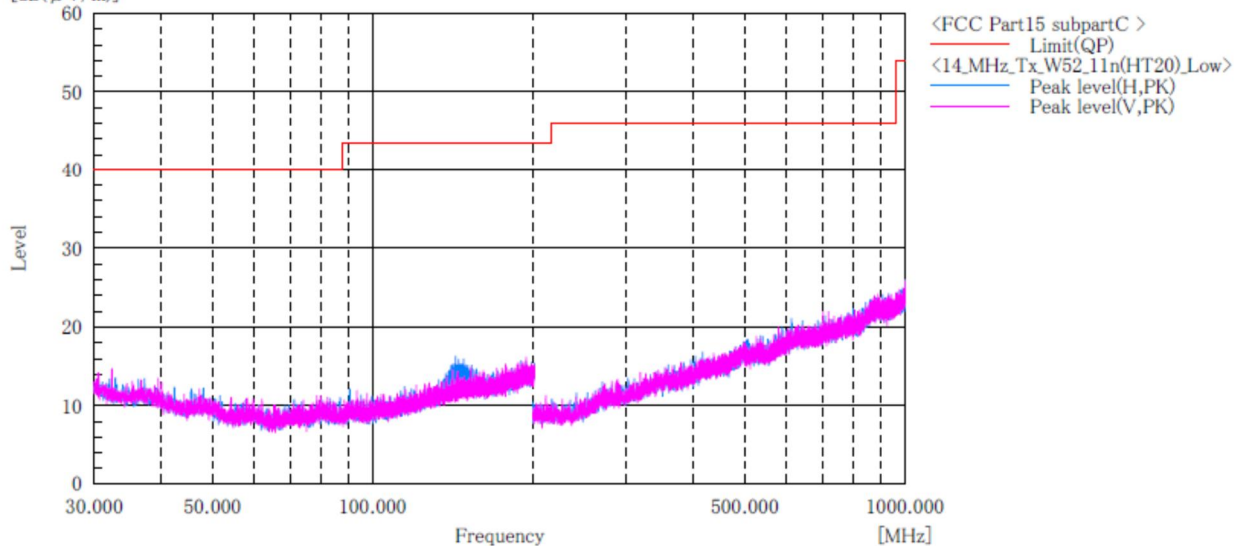
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11n(HT20)]
W52 / Channel Low
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11n(HT20)_W52_Tx_ch:Low

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum : 22.3[°C] 66.9[%]
 Note1 : CH:36 5180MHz
 Note2 :

[dB(μV/m)]



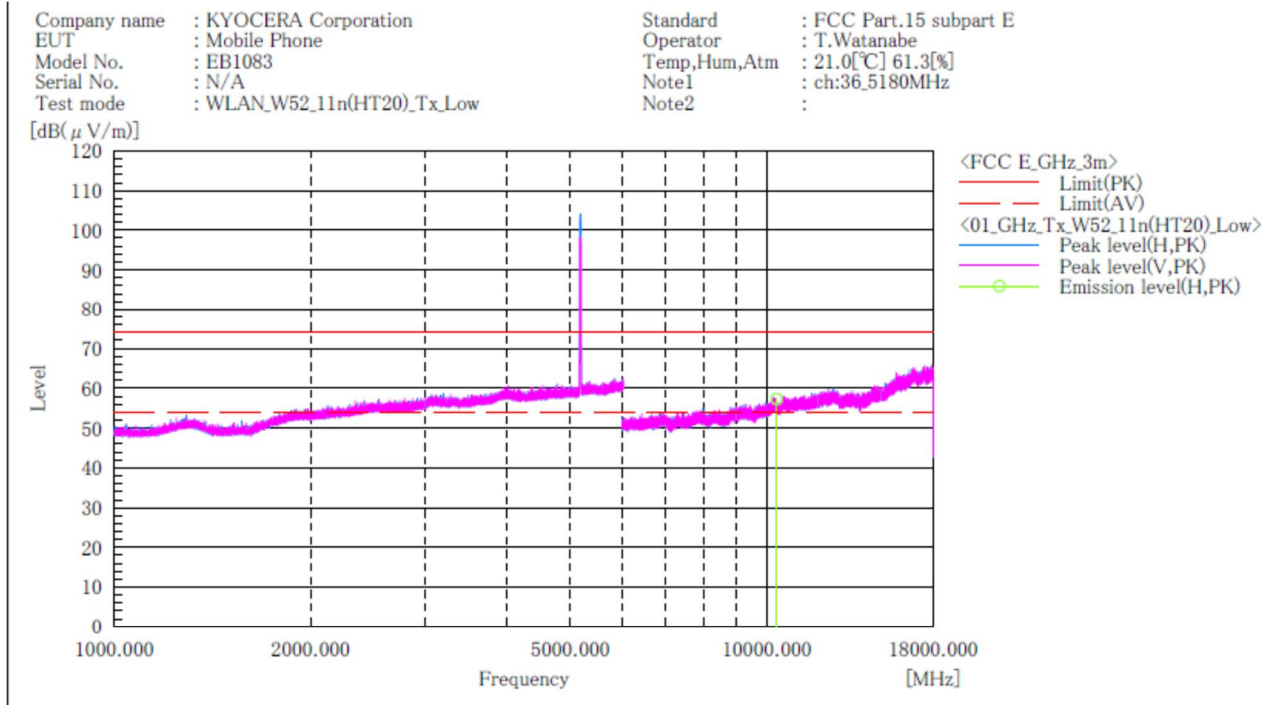
Final Result

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)]
W52 / Channel Low
ABOVE 1GHz



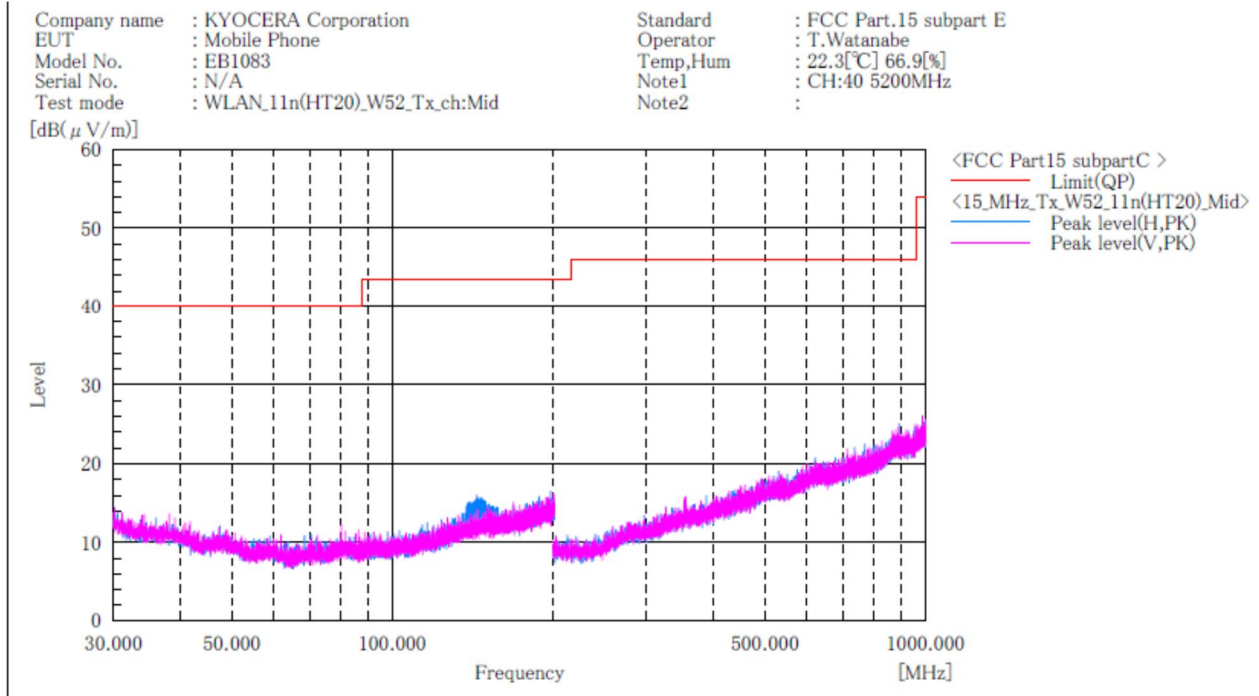
Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10360.000	H	46.1	11.2	57.3	68.2	10.9	100.0	268.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11n(HT20)]
W52 / Channel Middle
BELOW 1GHz



Final Result

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

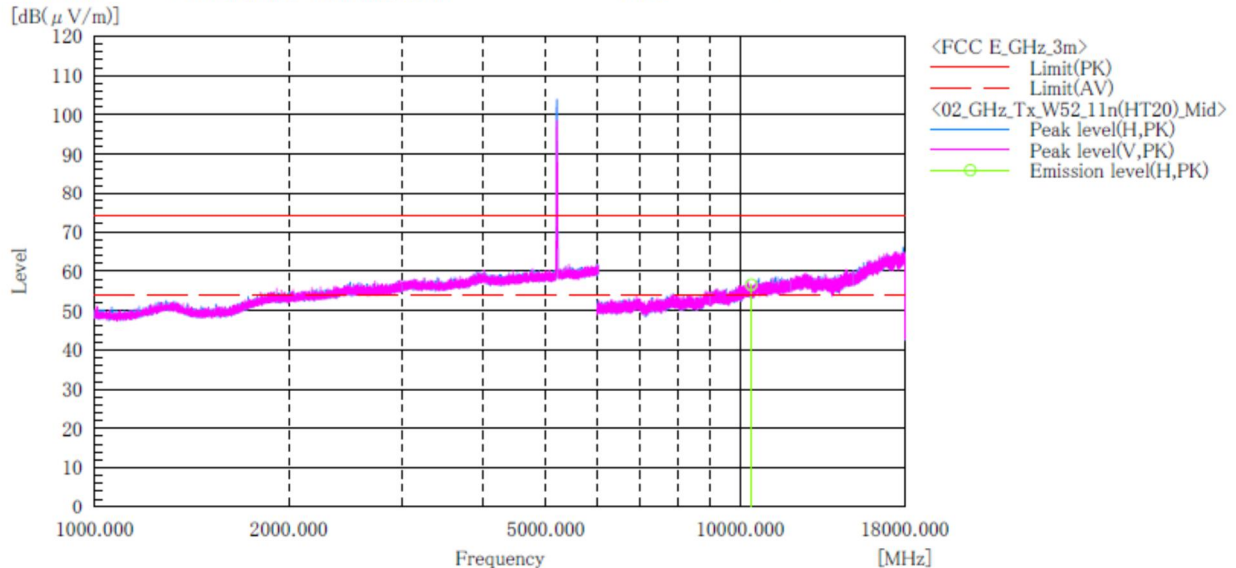
Note:

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)]
W52 / Channel Middle
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_W52_11n(HT20)_Tx_Mid

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum,Atm : 21.8[°C] 55.2[%]
 Note1 : ch:40_5200MHz
 Note2 :



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10400.000	H	45.3	11.3	56.6	68.2	11.6	116.0	100.0	

Note:

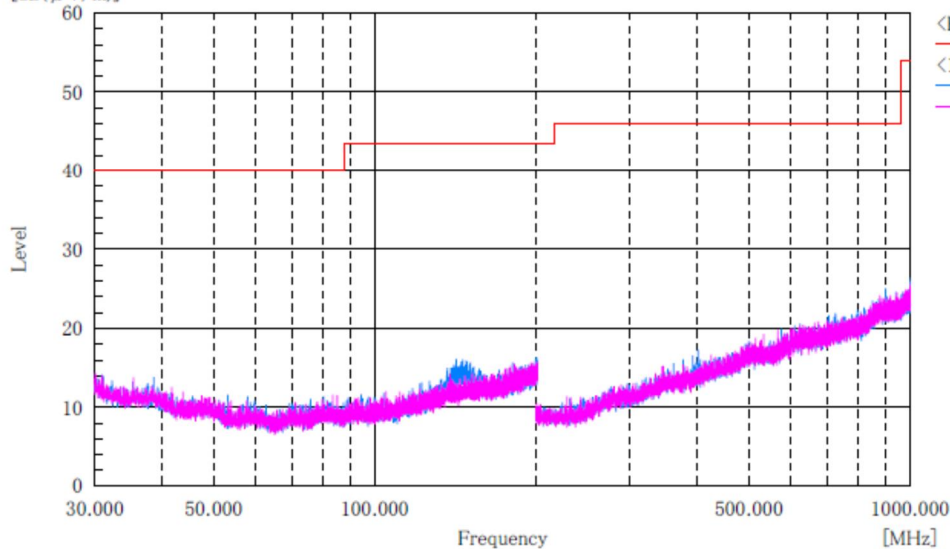
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11n(HT20)]
W52 / Channel High
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_11n(HT20)_W52_Tx_ch:High

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum : 22.3[°C] 66.9[%]
 Note1 : CH:48 5240MHz
 Note2 :

[dB(μV/m)]



<FCC Part15 subpartC >
 Limit(QP)
 <16_MHz_Tx_W52_11n(HT20)_High>
 Peak level(H,PK)
 Peak level(V,PK)

Final Result

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

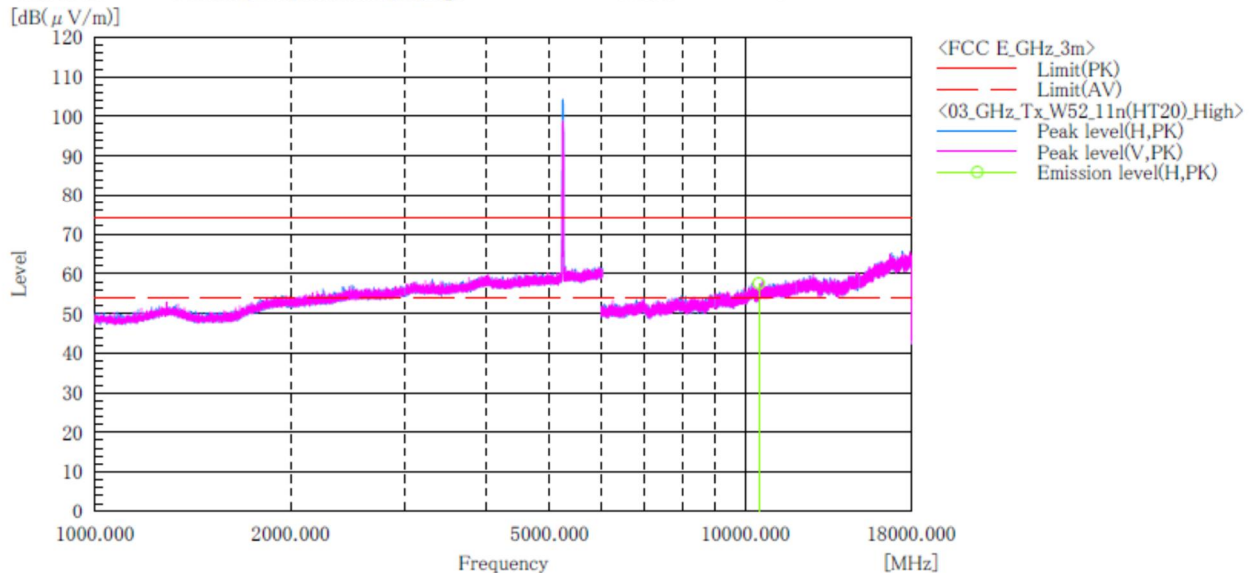
Note:

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)]
W52 / Channel High
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_W52_11n(HT20)_Tx_High

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum,Atm : 21.8[°C] 55.2[%]
 Note1 : ch:48_5240MHz
 Note2 :



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10480.000	H	46.2	11.4	57.6	68.2	10.6	107.0	236.0	

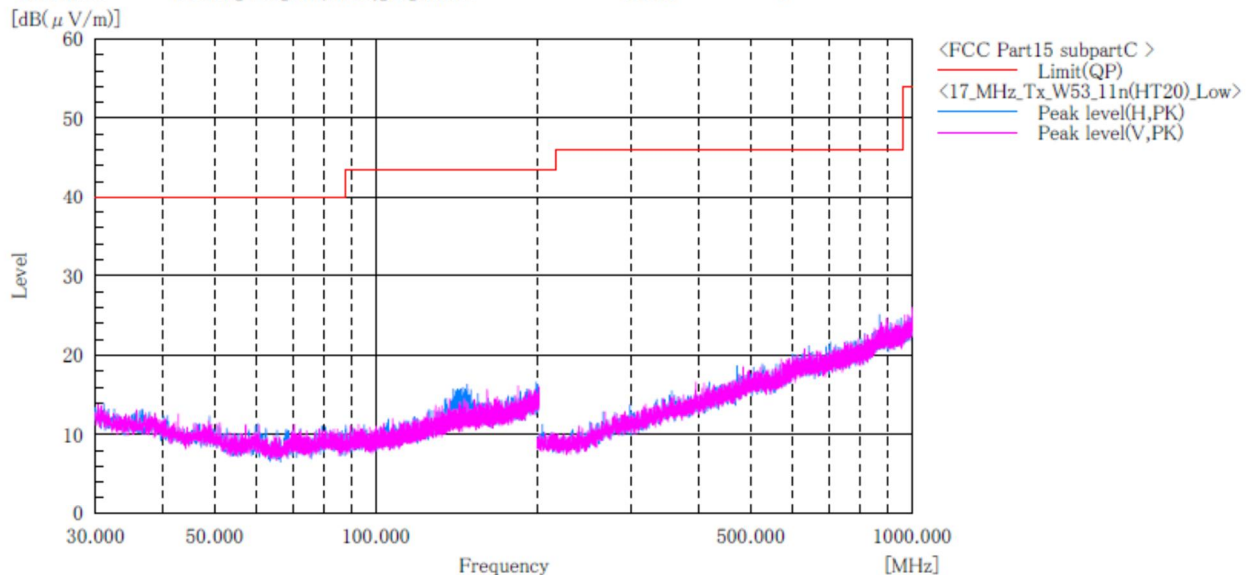
Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11n(HT20)]
W53 / Channel Low
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : 5GHz_W53_11n(HT20)_Tx_ch:Low

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum : 22.3[°C] 66.9[%]
 Note1 : CH:52 5260MHz
 Note2 :



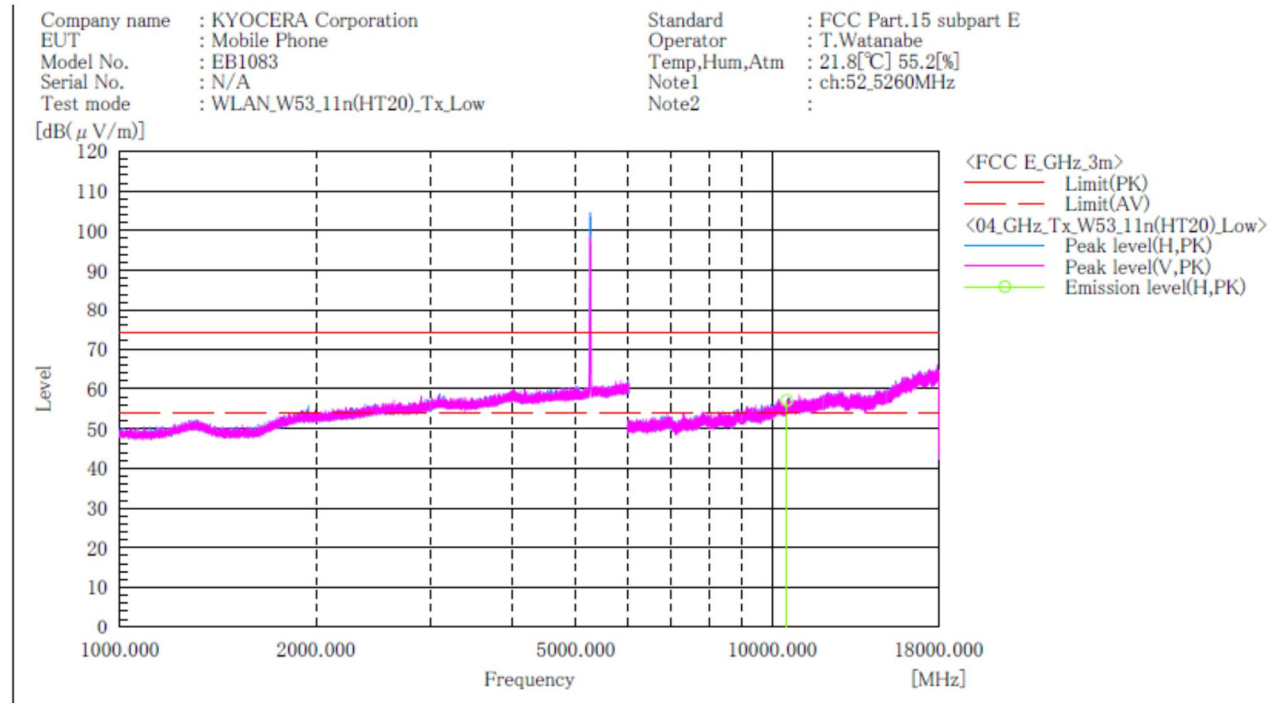
Final Result

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)]
W53 / Channel Low
ABOVE 1GHz



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10520.000	H	45.6	11.5	57.1	68.2	11.1	105.0	94.0	

Note:

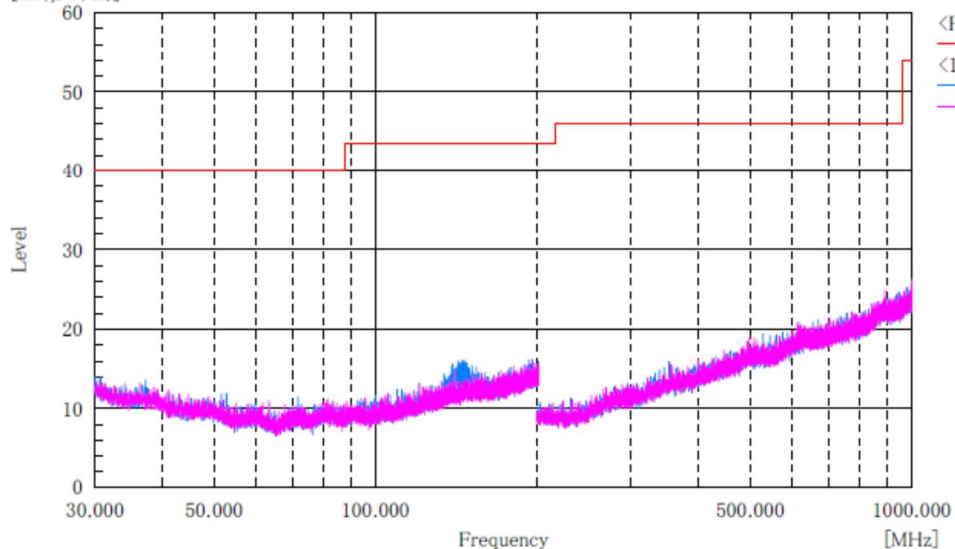
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11n(HT20)]
W53 / Channel Middle
BELOW 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : 5GHz_W53_11n(HT20)_Tx_ch:Mid

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum : 22.3[°C] 66.9[%]
 Note1 : CH:56 5280MHz
 Note2 :

[dB(μV/m)]



Final Result

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

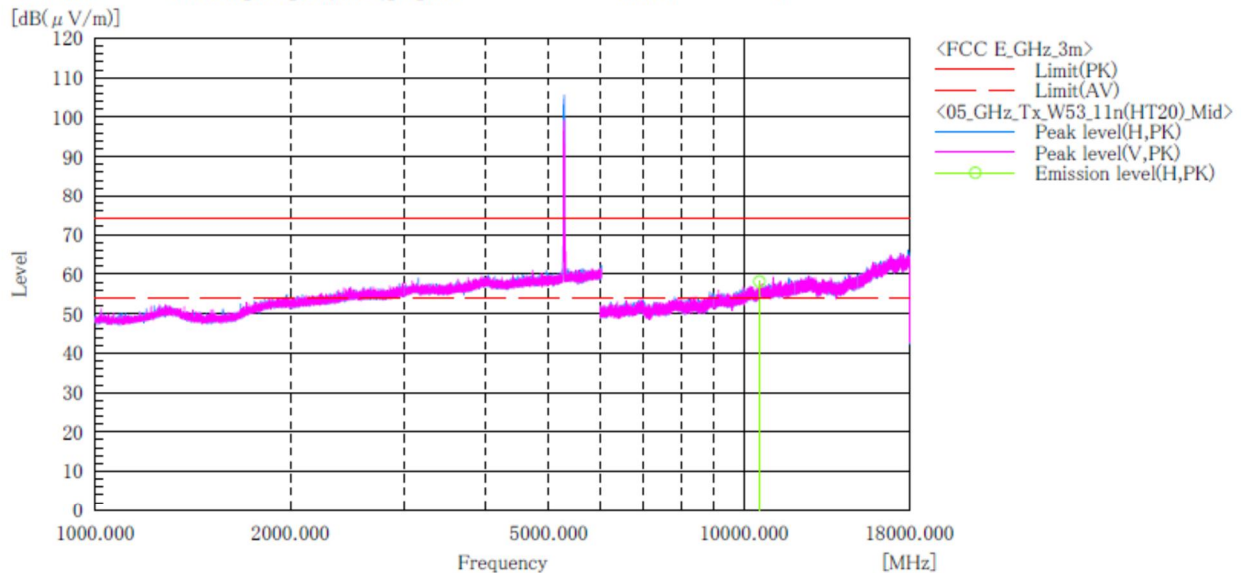
Note:

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)]
W53 / Channel Middle
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1083
 Serial No. : N/A
 Test mode : WLAN_W53_11n(HT20)_Tx_Mid

Standard : FCC Part.15 subpart E
 Operator : T.Watanabe
 Temp,Hum,Atm : 21.8[°C] 55.2[%]
 Note1 : ch:56_5280MHz
 Note2 :



Final Result

No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [°]	Remark
1	10560.000	H	46.6	11.5	58.1	68.2	10.1	106.0	129.0	

Note:

1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.