Report on the RF Testing of:

KYOCERA Corporation
Mobile Phone, Model: EB1147
FCC ID: JOYEB1147

In accordance with FCC Part15 Subpart E

Japan

Add value.
Inspire trust.

Prepared for: KYOCERA Corporation
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COMMERCIAL-IN-CONFIDENCE

Document Number: JPD-TR-22209-0

SIGNATURE			
Hiroaki Suzuki			
NAME	**JOB TITLE**	**RESPONSIBLE FOR**	**ISSUE DATE**
Hiroaki Suzuki	Deputy Manager of RF Group	Approved Signatory	2022.11.28

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 E.

ACCREDITED
Certificate #3686.03

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Japan

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1 Summary of Test

1.1 Modification history of the test report

Document Number	Modification History	Issue Date
JPD-TR-22209-0	First Issue	Refer to the cover page

1.2 Standards

CFR47 FCC Part 15 Subpart E

1.3 Test methods

ANSI C63.10-2013
KDB662911 D01 Multiple Transmitter Output v02r01
KDB789033 D02 General U-NII Test Procedures New Rules v02r01

1.4 Deviation from standards

None

1.5 List of applied test(s) of the EUT

Test item section	Test item	Condition	Result	Remark
15.407(a)	26dB Bandwidth	Conducted	Reporting Purposes only	*1
15.407(a)	Maximum Conducted Output Power	Conducted	PASS	*1
15.407(a)	Peak Power Spectral Density	Conducted	PASS	*1
15.407(b) 15.205 15.209	Radiated emissions (Restricted Bands of Operation)	Radiated	PASS	-
15.407(g)	Frequency Stability	Conducted	PASS	*1
15.207	AC Power Line Conducted Emissions	Conducted	PASS	-
ANSI C63.10, Section 12.2	Duty Cycle	Conducted	Reporting Purposes only	*1

*1 Since there is no change in Module from FCC ID: JOYEB1146, only the Radiated test items were performed. Please refer to the test report “JPD-TR-22193-0” of “FCC ID: JOYEB1146”.

1.6 Test information

None

1.7 Test set up

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1.8 Test period

25-October-2022 - 8-November-2022

Japan

2 Equipment Under Test

All information in this chapter was provided by the applicant.

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	EB1147
Serial number	358067760004090, 358067760004108
Trade name	Kyocera
Number of sample(s)	2
EUT condition	Pre-Production
Power rating	Battery: DC 3.87 V
Size	(W) 72 mm × (D) 156 mm × (H) 8.9 mm
Environment	Indoor and Outdoor use
Terminal limitation	-20 ˚C to 60 ˚C
Hardware version	DMT
Software version	0.100CX.9011.a
Firmware version	Not applicable
RF Specification	
Protocol	IEEE802.11a, IEEE802.11n (HT20), IEEE802.11n (HT40) IEEE802.11ac (VHT20), IEEE802.11ac (VHT40), EEE802.11ac (VHT80)
Frequency range	IEEE802.11a/n (HT20) / IEEE802.11ac (VHT20): 5180 MHz-5320 MHz, 5500 MHz-5720 MHz IEEE802.11n (HT40) / IEEE802.11ac (VHT40): 5190 MHz-5310 MHz, 5510 MHz-5710 MHz IEEE802.11ac (VHT80): 5210 MHz, 5290 MHz, 5530 MHz, 5610 MHz, 5690MHz
Number of RF Channels	IEEE802.11a/n (HT20) / IEEE802.11ac (VHT20): 20 Channels IEEE802.11n (HT40) / IEEE802.11ac (VHT40): 10 Channels IEEE802.11ac (VHT80): 5 Channels
Modulation type	IEEE802.11a/n/ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)

Data rate	IEEE802.11a: 6, 9, 12, 18, 24, 36, 48, 54 Mbps IEEE802.11n (HT20 LGI): 6.5, 13, 19.5, 26, 39, 52, 58.5, 65, 78, 86.5Mbps IEEE802.11n (HT20 SGI): 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.7, 96.1Mbps IEEE802.11ac (VHT20 LGI): 6.5, 13, 19.5, 26, 39, 52, 58.5, 65, 78, 86.5Mbps IEEE802.11ac (VHT20 SGI): 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2, 86.6, 96.1Mbps IEEE802.11n (HT40 LGI): 13.5, 27, 40.5, 54, 81, 108, 121.5, 135, 162, 180Mbps IEEE802.11n (HT40 SGI): 15, 30, 45, 60, 90, 120, 135, 150, 180, 200Mbps IEEE802.11ac (VHT40 LGI): 13.5, 27, 40.5, 54, 81, 108, 121.5, 135, 162, 180Mbps IEEE802.11ac (VHT40 SGI): 15, 30, 45, 60, 90, 120, 135, 150, 180, 200Mbps IEEE802.11ac (VHT80 LGI): 29.5, 58.5, 87.8, 117, 175.5, 234, 263.3, 292.5, 351, 390Mbps IEEE802.11ac (VHT80 SGI): 32.5, 65, 97.5, 130, 195, 260, 292.5, 325, 390, 433.3Mbps
Channel separation	IEEE802.11a/n(HT20) / IEEE802.11ac (VHT20): 20 MHz IEEE802.11n (HT40) / IEEE802.11ac (VHT40): 40 MHz IEEE802.11ac (VHT80): 80 MHz
Conducted power	15.588 mW (IEEE802.11a) 13.957 mW (IEEE802.11n: HT20) 16.188 mW (IEEE802.11n: HT40) 15.321 mW (IEEE802.11ac: VHT80)
Antenna type	Internal antenna
Antenna gain	5.15-5.35 GHz band: 1.0 dBi 5.47-5.725 GHz band: 1.0 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: EB1147, Serial Number: 358067760004090, 358067760004108			
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

Japan

2.4 Operating channels and frequencies

[IEEE802.11a/n (HT20) / IEEE802.11ac (VHT20)]

Channel	Frequency [MHz]
36	5180
40	5200
44	5220
48	5240
52	5260
56	5280
60	5300
64	5320
100	5500
104	5520
108	5540
112	5560
116	5580
120	5600
124	5620
128	5640
132	5660
136	5680
140	5700
144	5720

[IEEE802.11n (HT40) / IEEE802.11ac (VHT40)]

Channel	Frequency [MHz]
38	5190
46	5230
54	5270
62	5310
102	5510
110	5550
118	5590
126	5630
134	5670
142	5710

[IEEE802.11ac (VHT80)]

Channel	Frequency [MHz]
42	5210
58	5290
106	5530
122	5610
138	5690

Japan

2.5 Description of test mode

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

Band	IEEE802.11a/n (HT20) IEEE802.11ac (VHT20)		IEEE802.11n (HT40) IEEE802.11ac (VHT40)		IEEE802.11ac (HT80)	
	Channel	Frequency [MHz]	Channel	Frequency [MHz]	Channel	Frequency [MHz]
5.2 GHz Band	36	5180	38	5190	42	5210
	40	5200	-	-	-	-
	48	5240	46	5230	-	-
5.3 GHz Band	52	5260	54	5270	58	5290
	56	5280	-	-	-	-
	64	5320	62	5310	-	-
5.6 GHz Band	100	5500	102	5510	106	5530
	116	5580	110	5550	122	5610
	140	5700	134	5670	138	5690
	144	5720	142	5710	-	-

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

Band	Modulation Type	Data Rate
5.2 GHz Band	IEEE802.11a: OFDM	6Mbps
	IEEE802.11n (HT20): OFDM	MCS0 (6.5Mbps)
	IEEE802.11n (HT40): OFDM	MCS0 (13.5Mbps)
	IEEE802.11ac (VHT80): OFDM	MCS0 (29.5Mbps)
5.3 GHz Band	IEEE802.11a: OFDM	6Mbps
	IEEE802.11n (HT20): OFDM	MCS0 (6.5Mbps)
	IEEE802.11n (HT40): OFDM	MCS0 (13.5Mbps)
	IEEE802.11ac (VHT80): OFDM	MCS0 (29.5Mbps)
5.6 GHz Band	IEEE802.11a: OFDM	6Mbps
	IEEE802.11n (HT20): OFDM	MCS0 (6.5Mbps)
	IEEE802.11n (HT40): OFDM	MCS0 (13.5Mbps)
	IEEE802.11ac (VHT80): OFDM	MCS0 (29.5Mbps)

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 Z-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.

Japan

2.6 Operating flow

- Tx mode

i) Test program setup to the Software
ii) Select a Test mode
Operating frequency: 5.2GHz Band, 5.3GHz Band, 5.6GHz Band
iii) Start test mode

- Rx mode

i) Test program setup to the Software
ii) Select a Test mode
Operating frequency: 5.2GHz Band, 5.3GHz Band, 5.6GHz Band
iii) Start test mode

Japan

3 Configuration of Equipment

Numbers assigned to equipment on the diagram in “3.3 System configuration” correspond to the lists in “3.1 Equipment used” and “3.2 Cable(s) used”.
This test configuration is based on the manufacture’s instruction.
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	EB1147	358067760004090 358067760004108	JOYEB1147	EUT
2	AC Adapter	KDDI	0602PQA	N/A	N/A	*

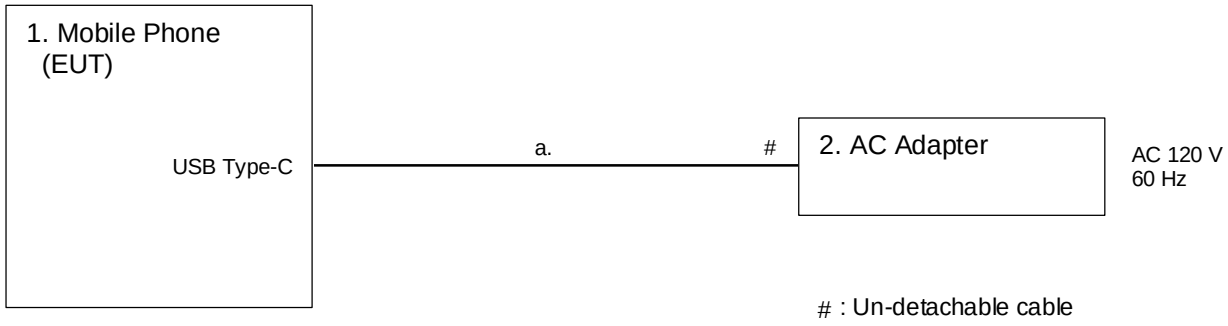
*: AC power line Conducted Emission Test.

3.2 Cable(s) used

No.	Cable	Length[m]	Shield	Connector	Comment
a	USB cable (for AC Adapter)	1.5	No	Plastic	*

*: AC power line Conducted Emission Test.

3.3 System configuration



4 Test Result

4.1 Radiated Emissions (Restricted Bands of Operation)

4.1.1 Measurement procedure

[FCC 15.407(b), 15.205, 15.209, KDB 789033 D02, Section G.4, 5, 6.c) Method AD]

Test was applied by following conditions.

Test method	:	ANSI C63.10
Frequency range	:	9 kHz to 40 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	:	3m
Test receiver setting		Below 1 GHz
- Detector	:	Quasi-peak
- Bandwidth	:	120 kHz
Spectrum analyzer setting		Above 1 GHz
- Peak	:	RBW=1 MHz, VBW=3 MHz, Span=0 Hz, Sweep=auto, Detector=Peak Trace mode=Max hold
- Average	:	RBW=1 MHz, VBW=3 MHz, Span=0 Hz, Sweep=auto, Detector=RMS Trace mode=Averaging (300 counts)

Radiated emission measurements are performed at 3m distance with the broadband antenna (Loop antenna, Biconical antenna, Log periodic antenna, Double ridged guide antenna and Bload-band horn 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 (below 1 GHz) and 1.5m (above 1 GHz) 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.

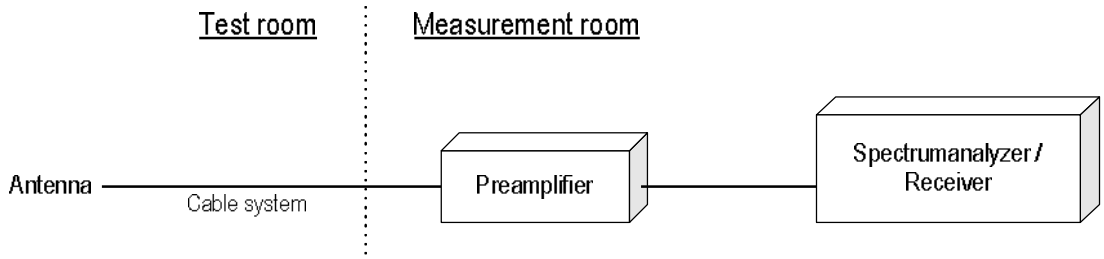
The EUT was set to operate with following conditions.

- 5.2 GHz Band, 5.3 GHz Band, 5.6 GHz Band

The test mode of EUT is as follows.

- Tx mode, Rx mode

- Test configuration



Duty cycle result

Mode	Band	On Time(ms)	On+Off Time(ms)	Duty Cycle (%)	DCF (dB)
802.11a	W52	1.376	1.412	97.45	0.112
	W53	1.394	1.430	97.48	0.111
	W56	1.342	1.382	97.11	0.128
802.11n (20MHz)	W52	1.288	1.324	97.28	0.120
	W53	1.392	1.430	97.34	0.117
	W56	1.260	1.298	97.07	0.129
802.11n (40MHz)	W52	0.636	0.672	94.64	0.239
	W53	0.636	0.672	94.64	0.239
	W56	0.637	0.672	94.79	0.232
802.11ac (80MHz)	W52	0.325	0.360	90.28	0.444
	W53	0.315	0.352	89.49	0.482
	W56	0.324	0.359	90.25	0.445

Note: DCF = 10log(1/x)

4.1.2 Calculation method

[150 kHz to 25 GHz]
Emission level = Reading + (Ant. factor + Cable system loss - Amp. Gain)
Margin = Limit - Emission level

Example:
Detector: Peak
Limit @ 5147.0 MHz: 74.0 dBuV/m (Peak Limit)
S.A Reading = 40.9 dBuV Cable system loss = 16.4 dB
Result = 40.9 + 16.4 = 57.3 dBuV/m
Margin = 74.0 - 57.3 = 16.7 dB

4.1.3 Limit

(1) For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an EIRP of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725GHz band: all emissions outside of the 5.47 5-5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an EIRP of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an EIRP of -27 dBm/MHz.

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 20dB under any condition modulation.

Japan

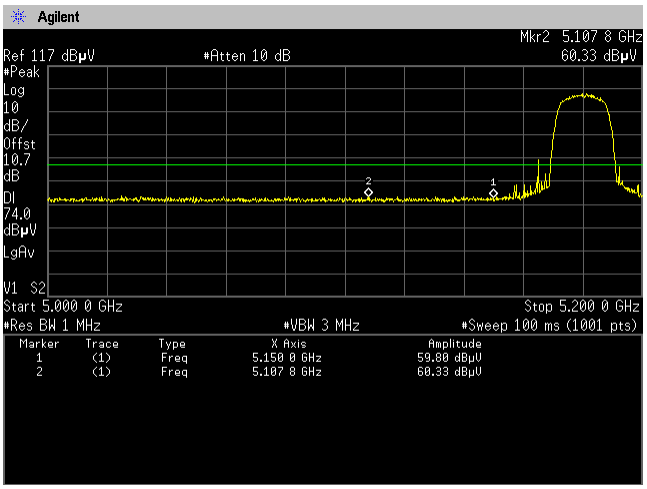
4.1.4 Test data

Date	:	26-October-2022			
Temperature	:	24.2 [˚C]			
Humidity	:	25.1 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Tadahiro Seino

4.1.4.1 Restricted Bandedge

[IEEE802.11a]

5.2 GHz Band, Channel Low
Horizontal
Peak



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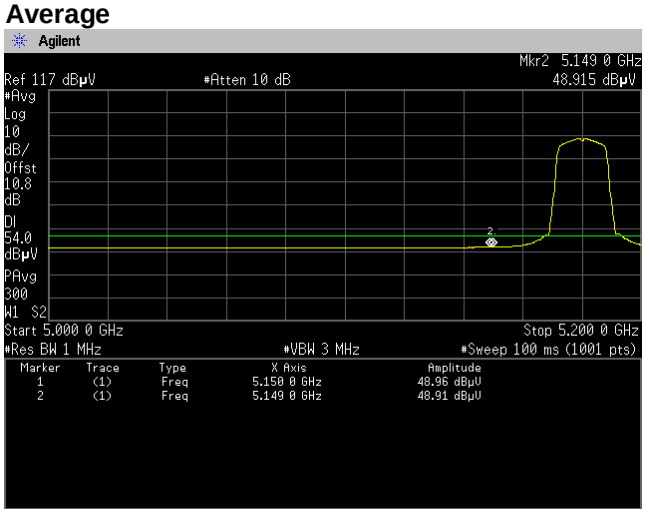
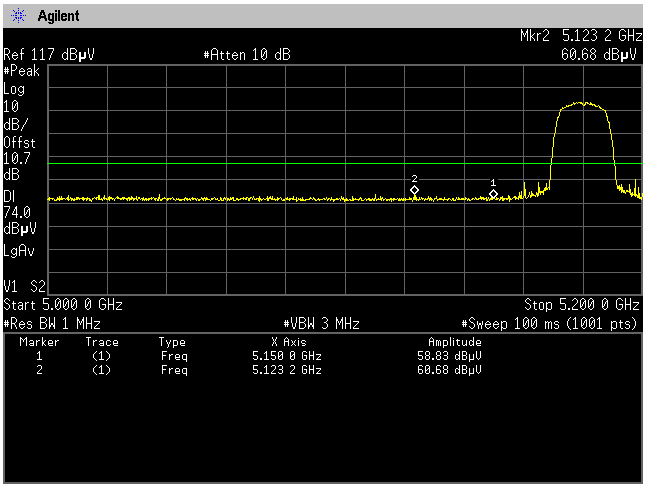


Vertical
Peak



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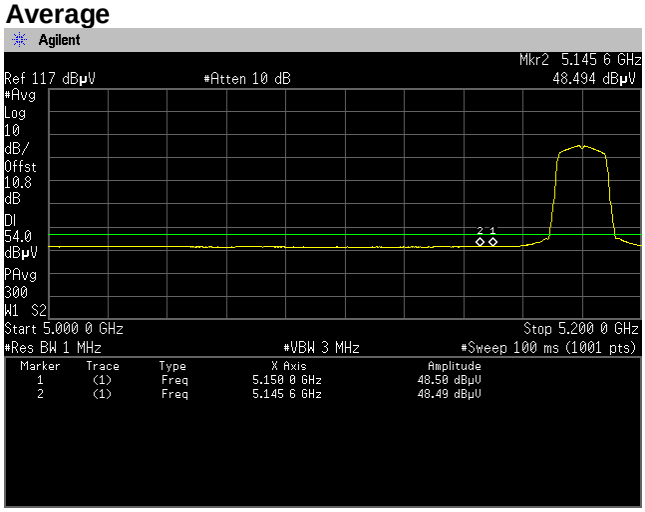
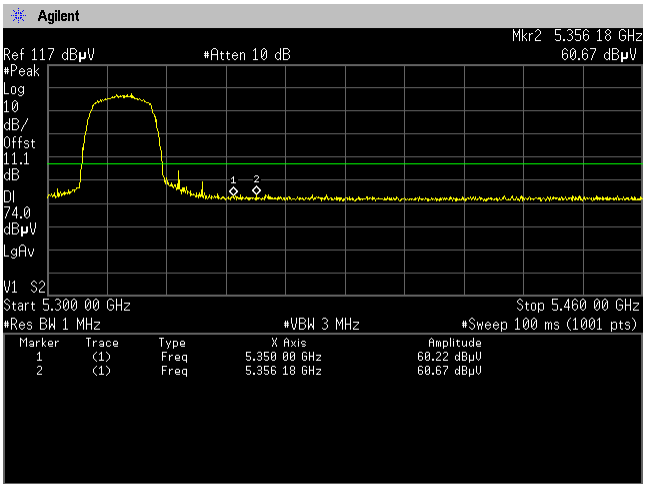


Japan

[IEEE802.11a]

5.3 GHz Band, Channel High
Horizontal
Peak



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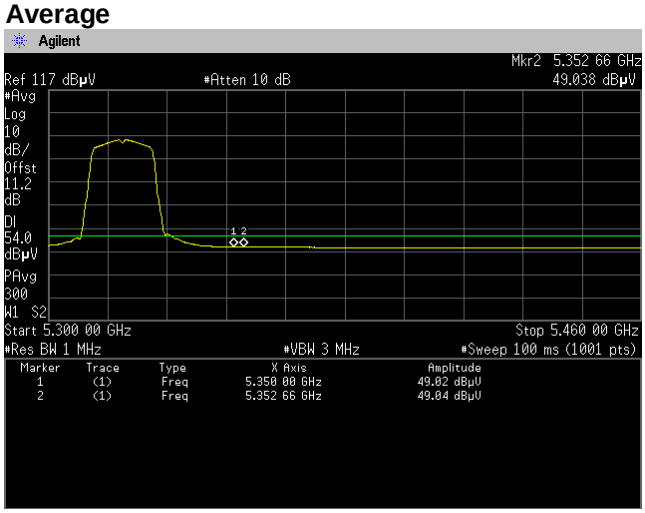
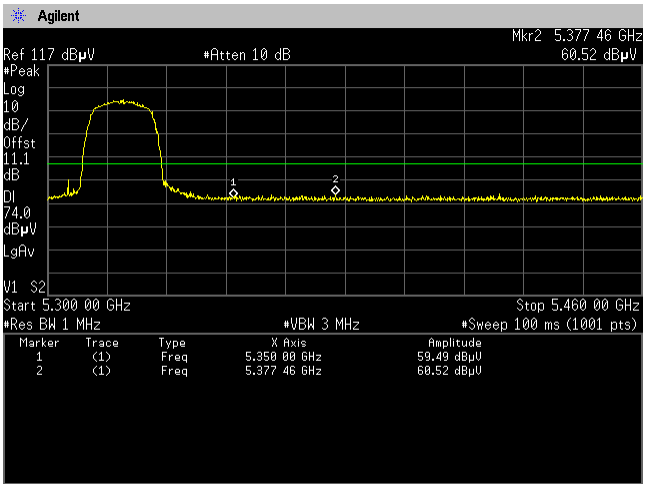


Vertical
Peak



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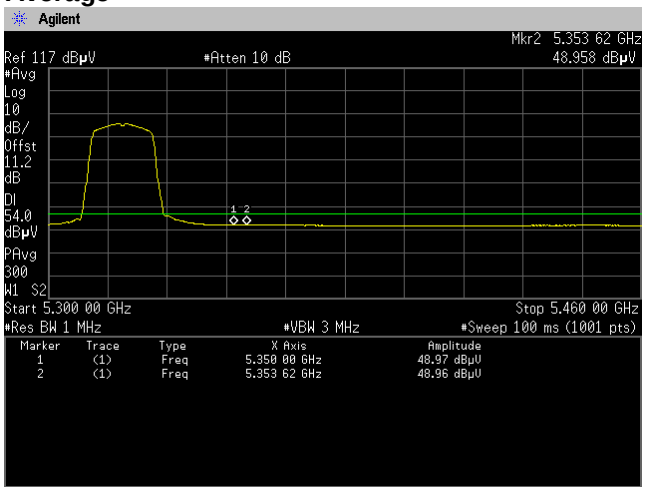
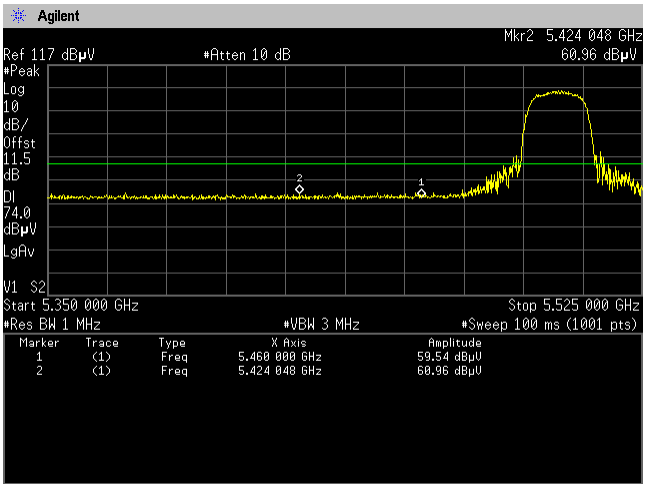


[IEEE802.11a]

5.6 GHz Band, Channel Low
Horizontal
Peak



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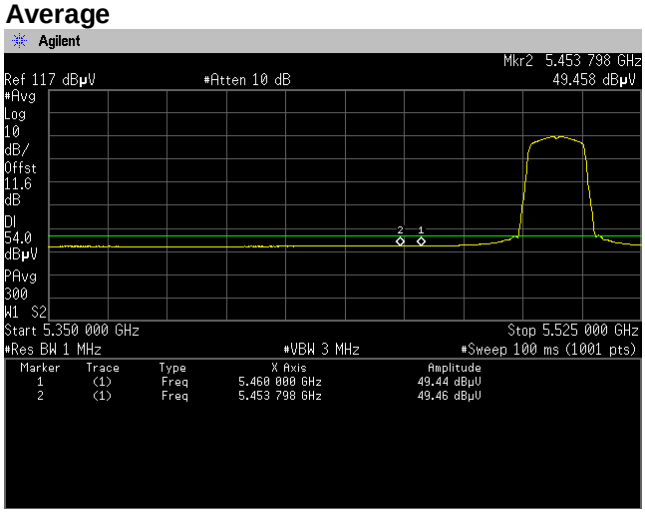
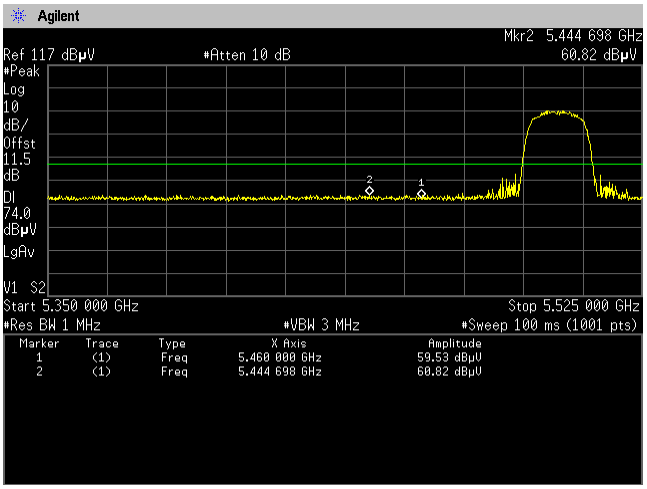


Vertical
Peak



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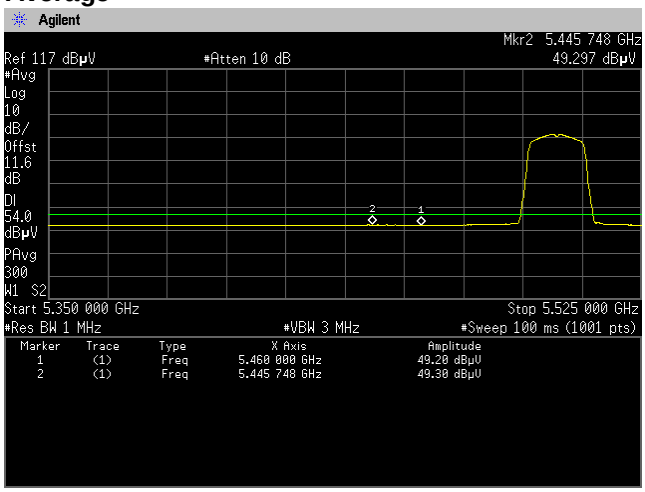
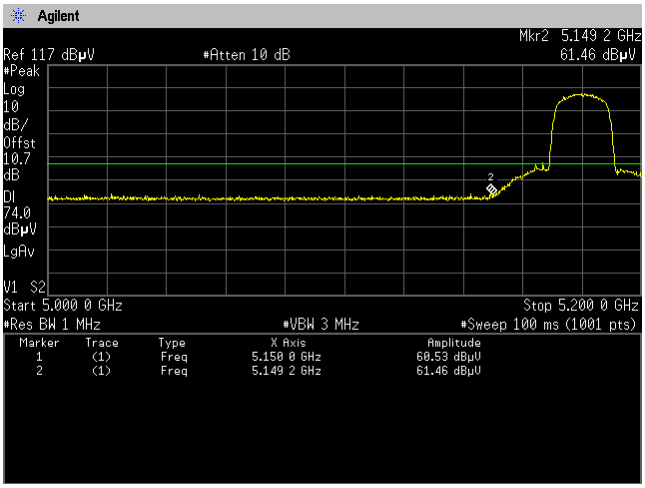


[IEEE802.11n (HT20)]

5.2 GHz Band, Channel Low
Horizontal
Peak



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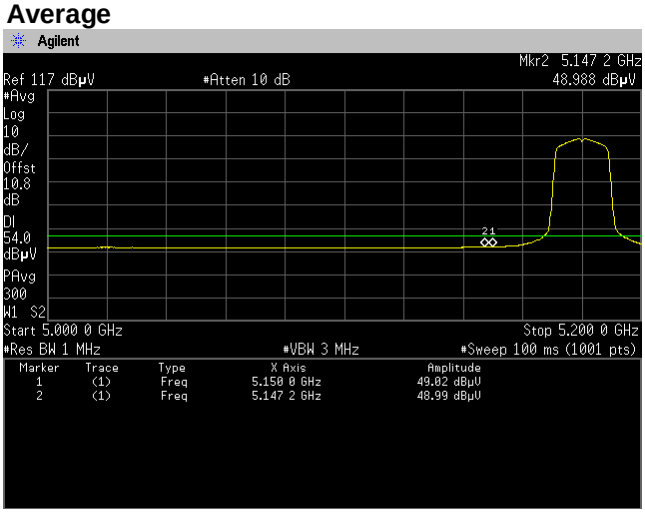
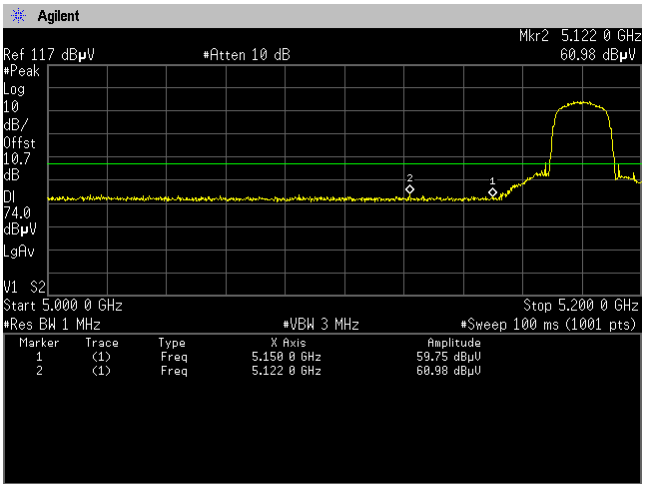


Vertical
Peak



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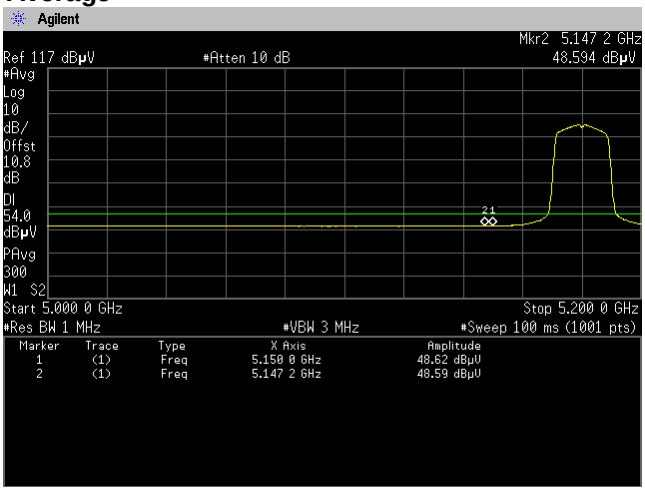
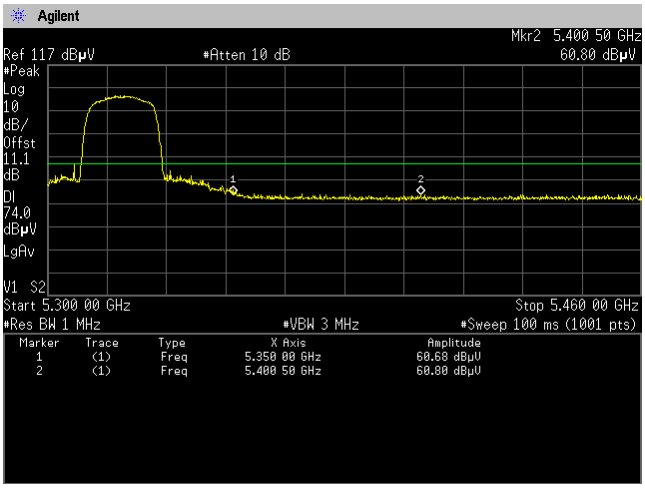


[IEEE802.11n (HT20)]

5.3 GHz Band, Channel High
Horizontal
Peak



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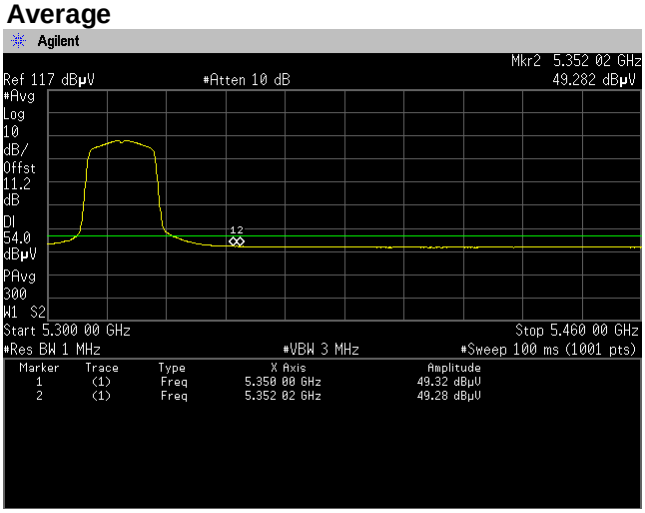
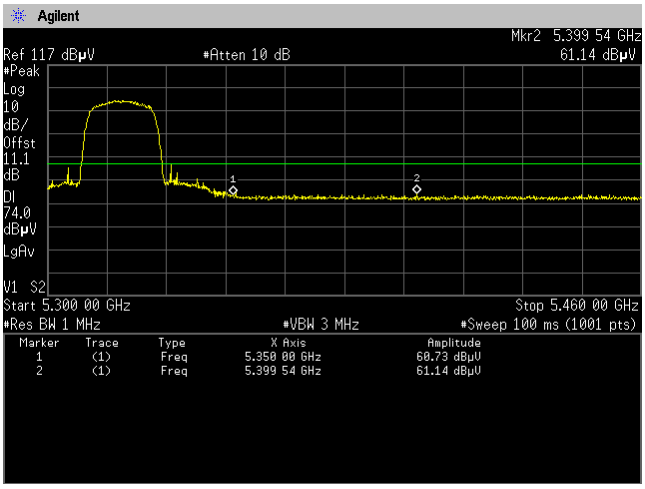
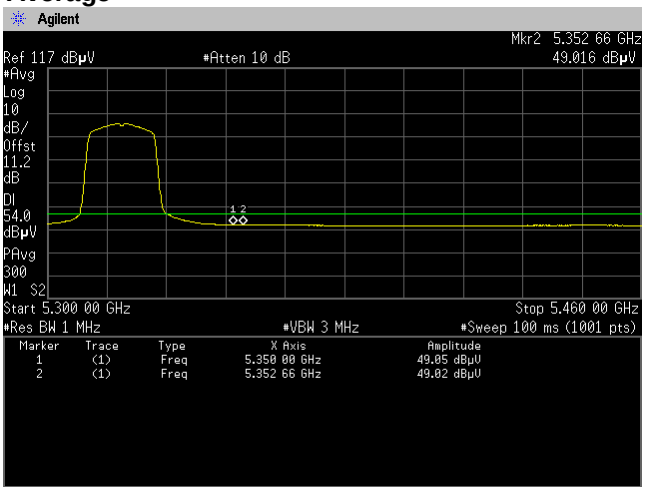


Vertical
Peak

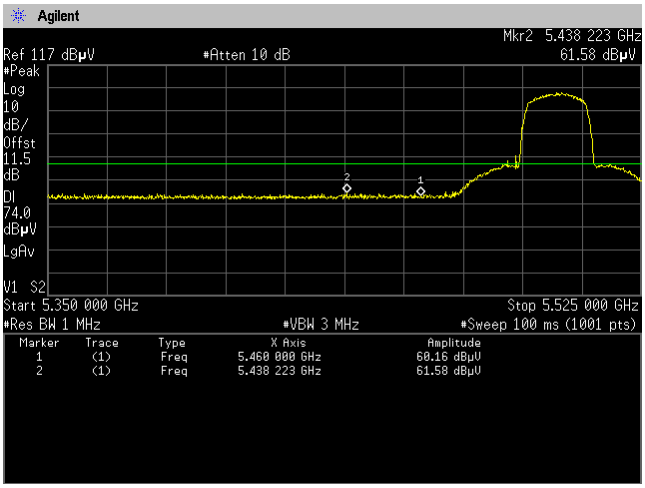


Average

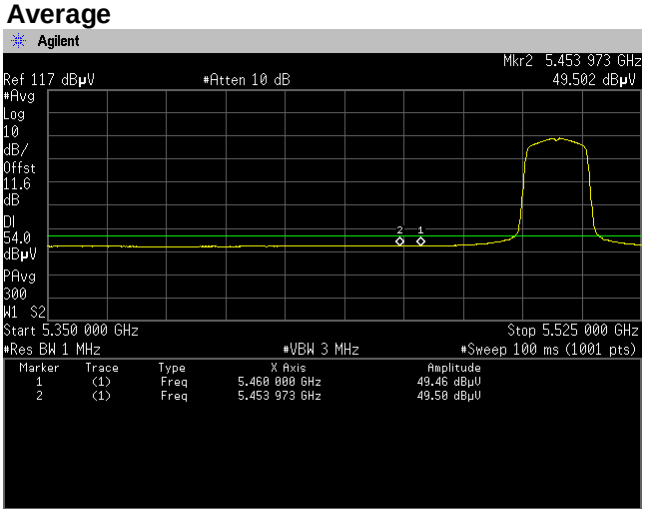


[IEEE802.11n (HT20)]

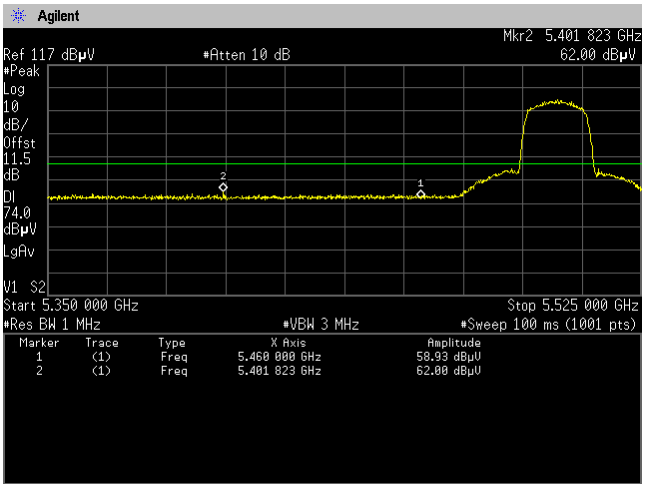
5.6 GHz Band, Channel Low
Horizontal
Peak



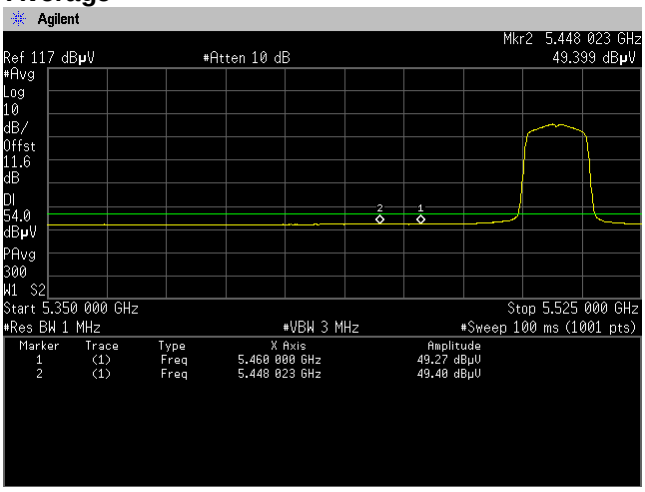
Average



Vertical
Peak

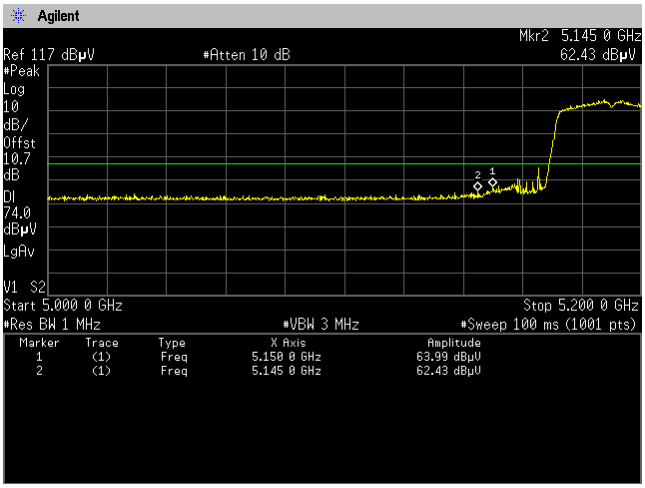


Average

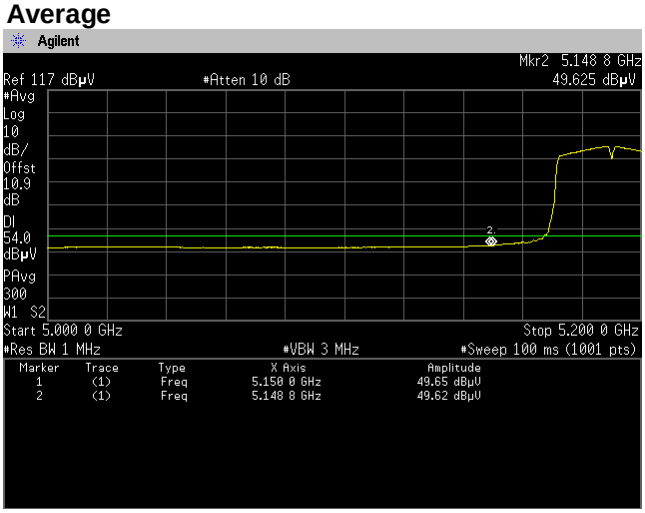


[IEEE802.11n (HT40)]

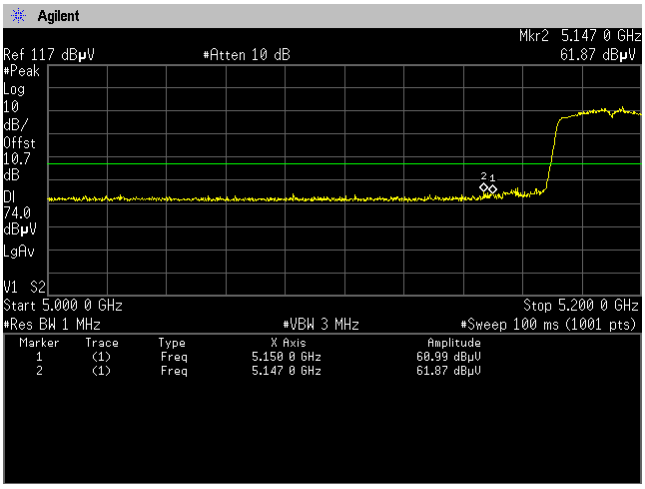
5.2 GHz Band, Channel Low
Horizontal
Peak



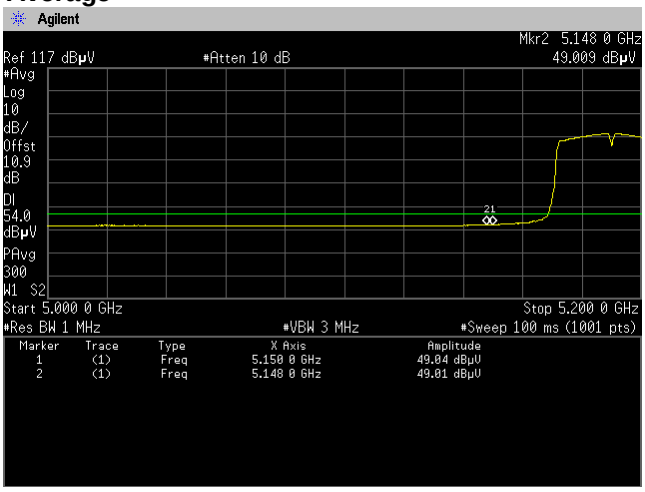
Average



Vertical
Peak

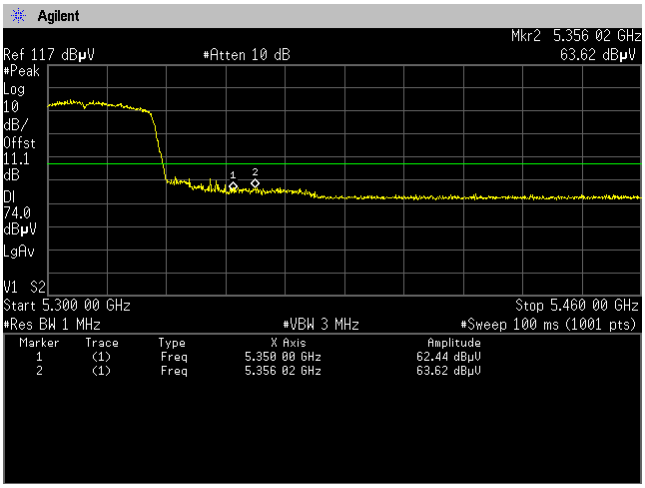


Average

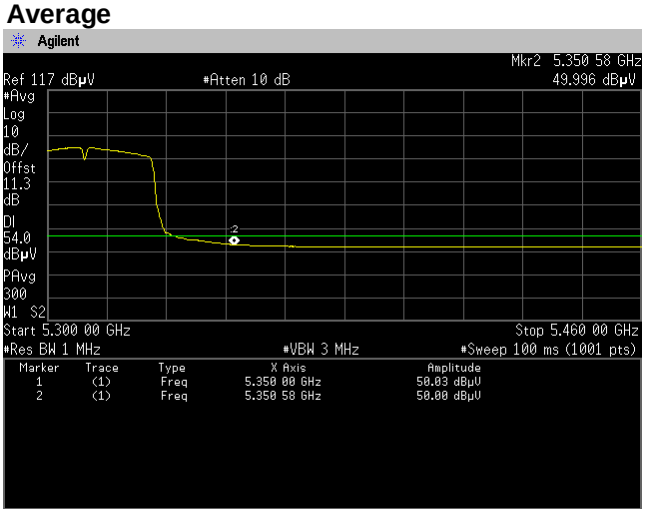


[IEEE802.11n (HT40)]

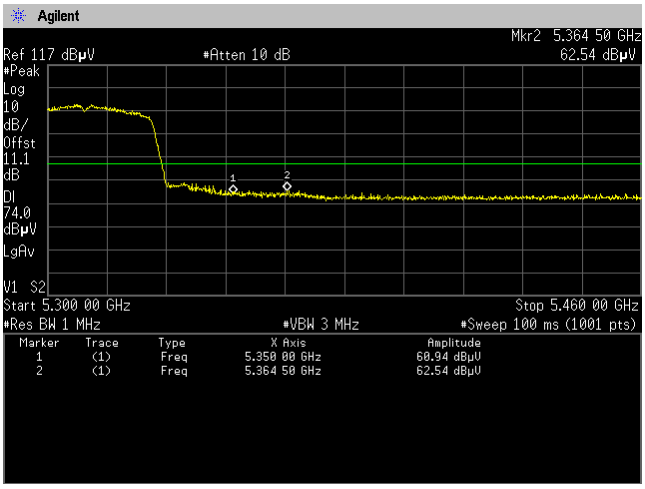
5.3 GHz Band, Channel High
Horizontal
Peak



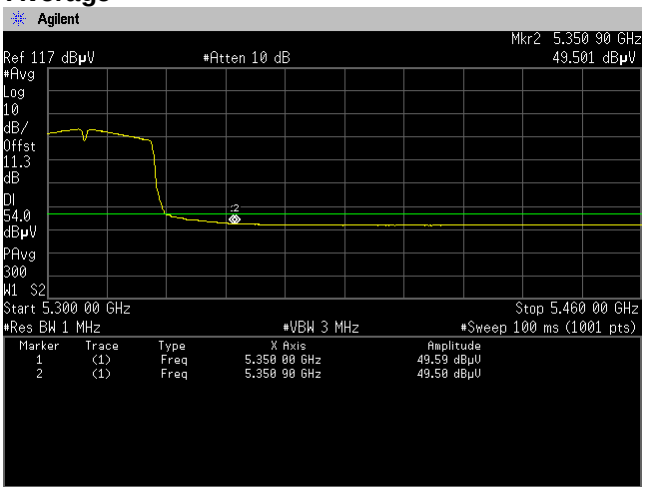
Average



Vertical
Peak



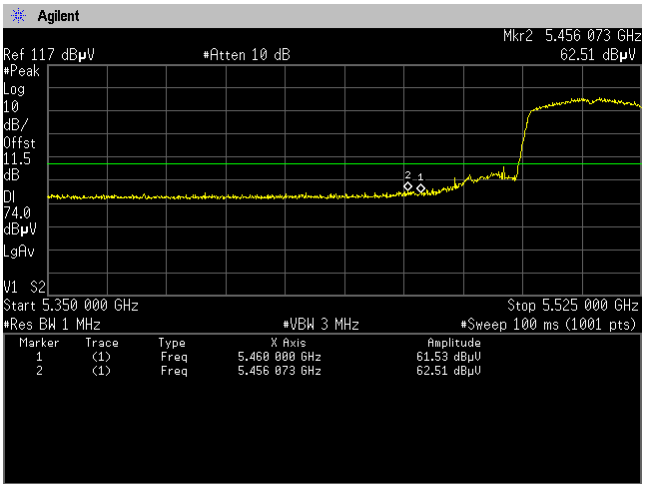
Average



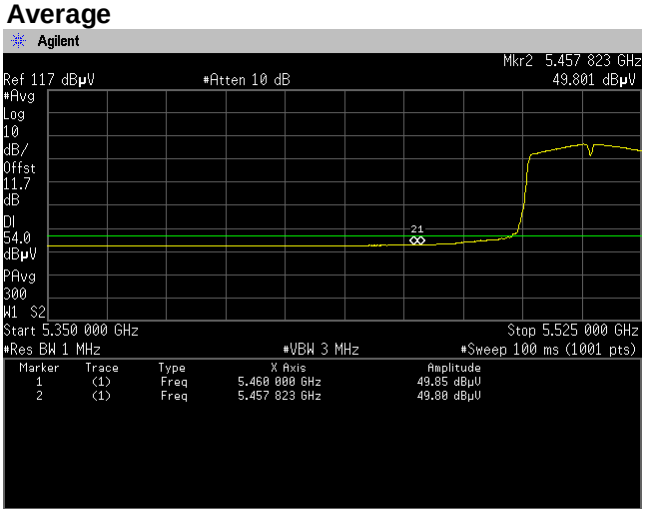
Japan

[IEEE802.11n (HT40)]

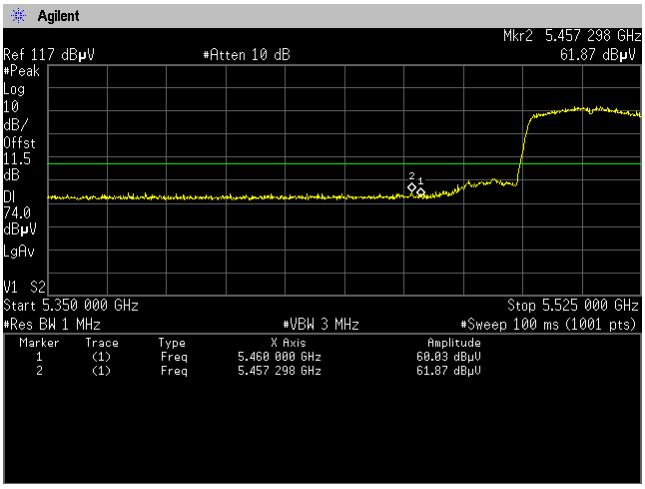
5.6 GHz Band, Channel Low
Horizontal
Peak



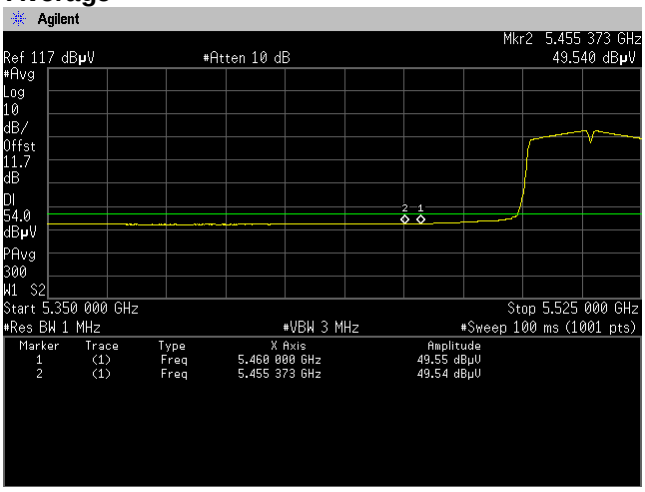
Average



Vertical
Peak

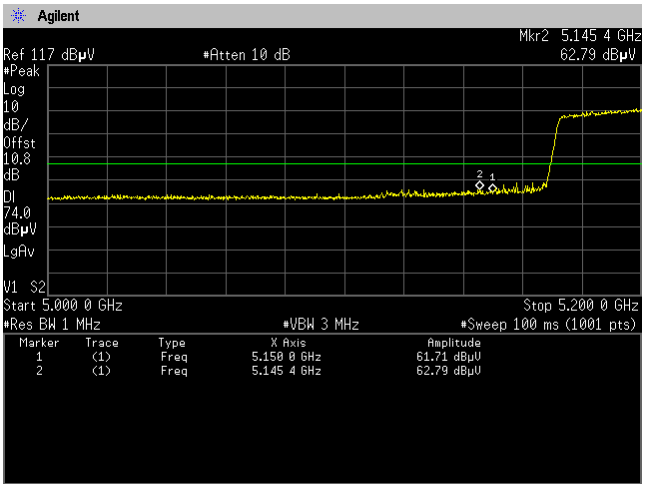


Average

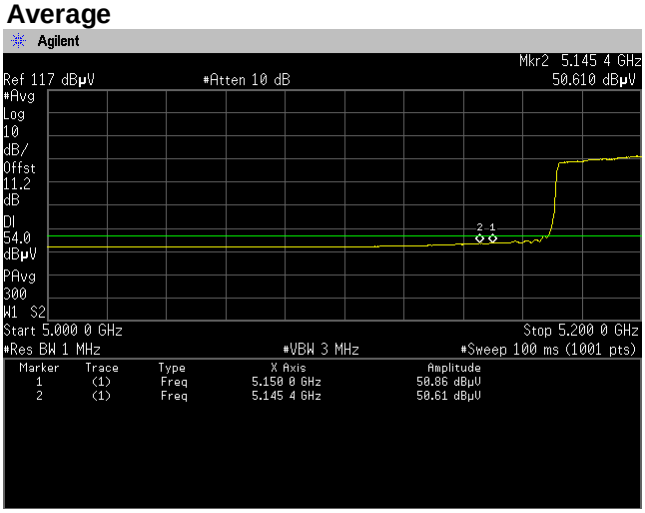


[IEEE802.11ac (VHT80)]

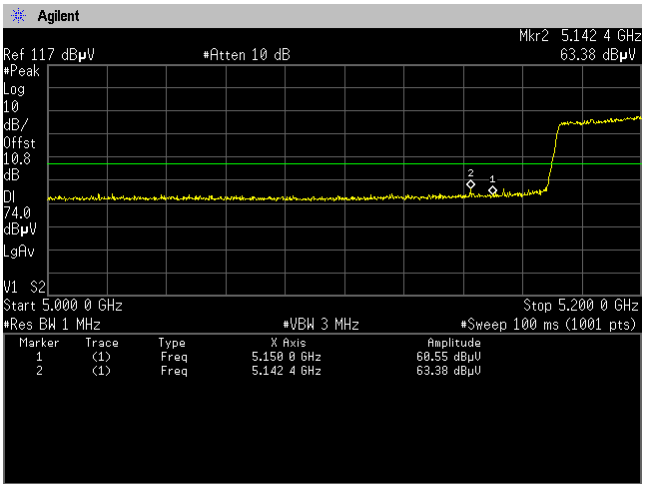
5.2 GHz Band, Channel Low
Horizontal
Peak



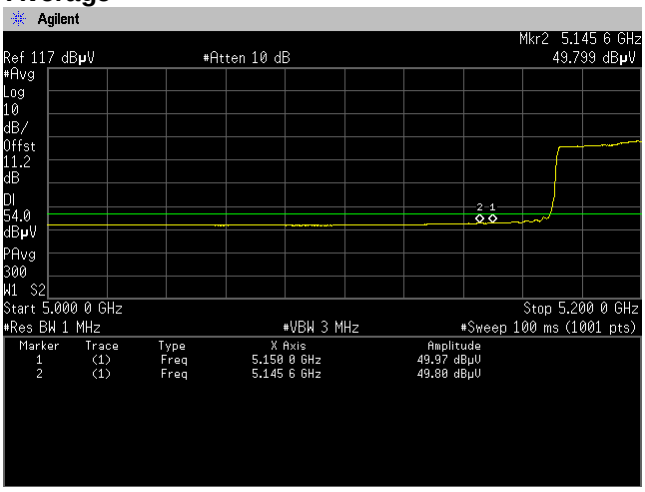
Average



Vertical
Peak



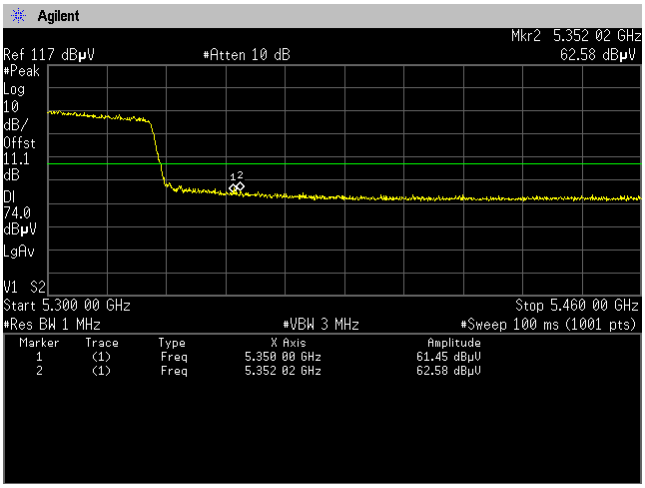
Average



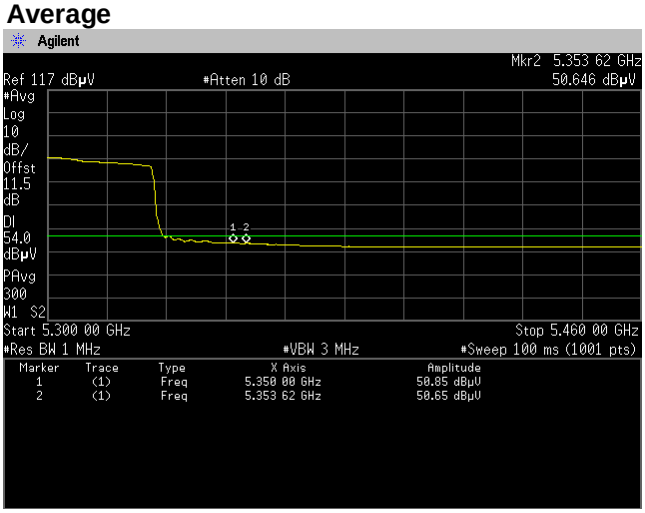
Japan

[IEEE802.11ac (VHT80)]

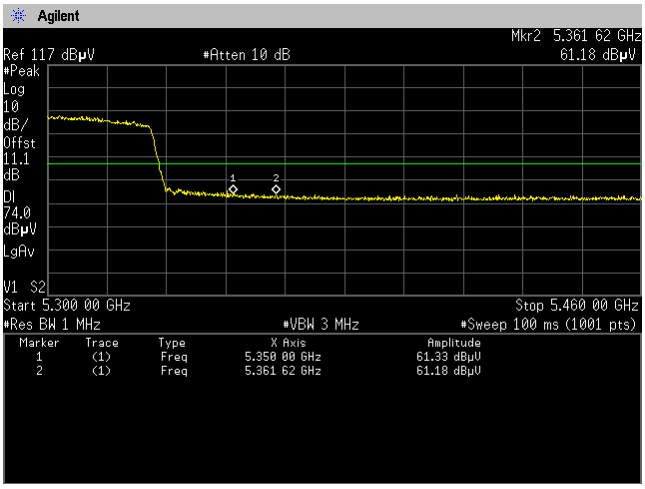
5.3 GHz Band, Channel High
Horizontal
Peak



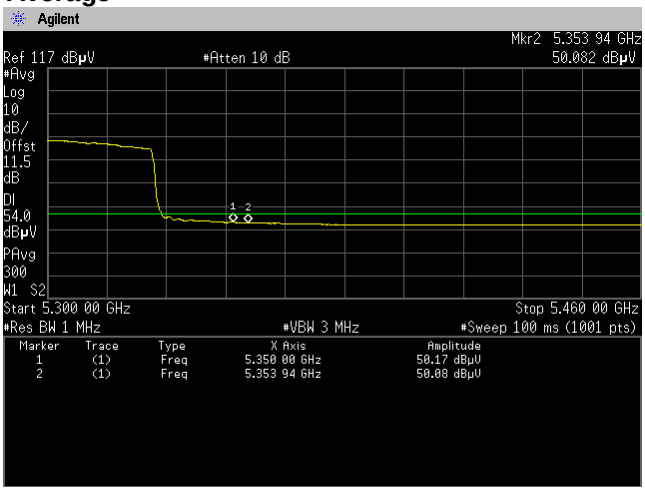
Average



Vertical
Peak

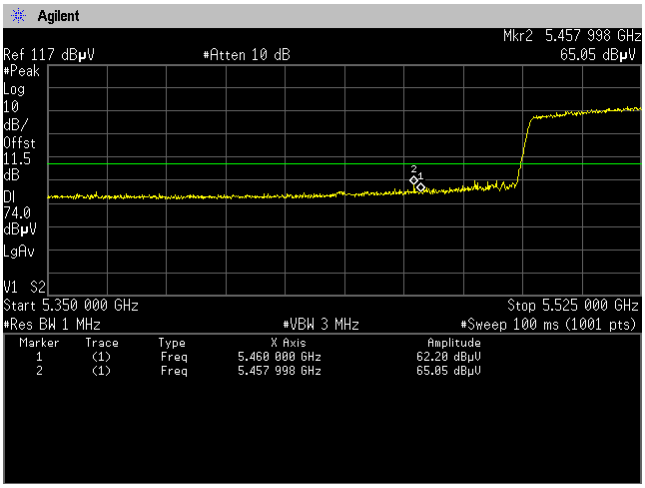


Average

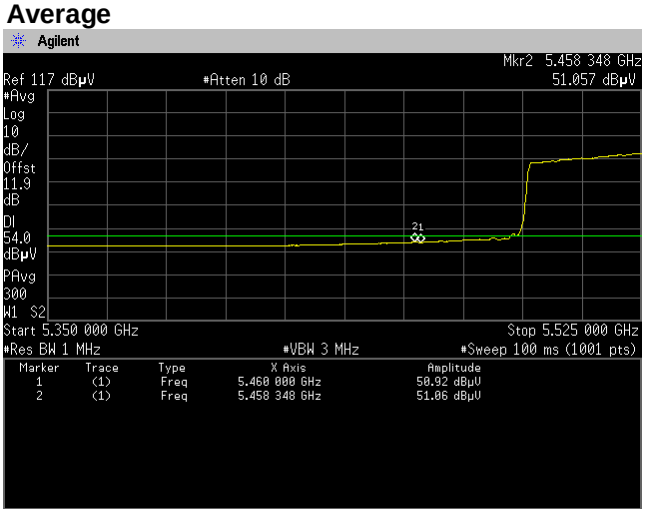


[IEEE802.11ac (VHT80)]

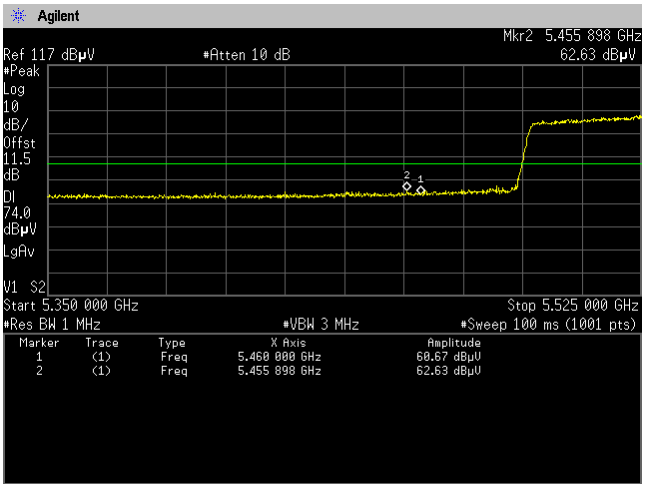
5.6 GHz Band, Channel Low
Horizontal
Peak



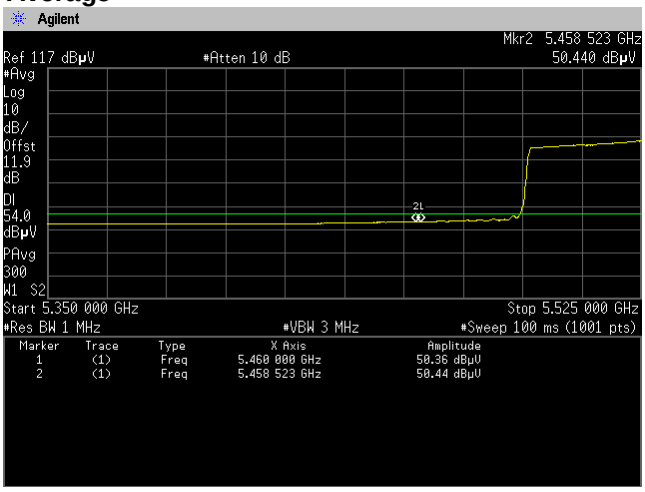
Average



Vertical
Peak



Average



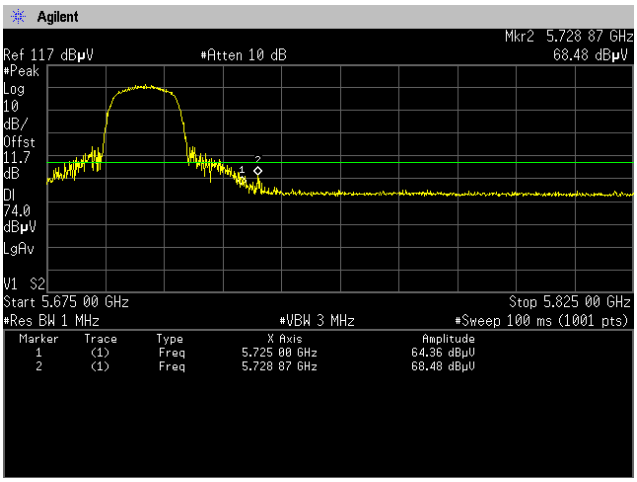
Japan

4.1.4.2 Non-Restricted Bandedge

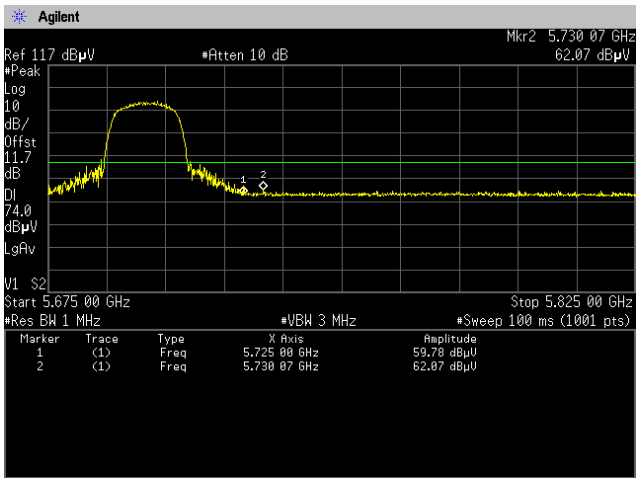
[IEEE802.11a]

5.6 GHz Band, Channel High (140)
Peak

Horizontal

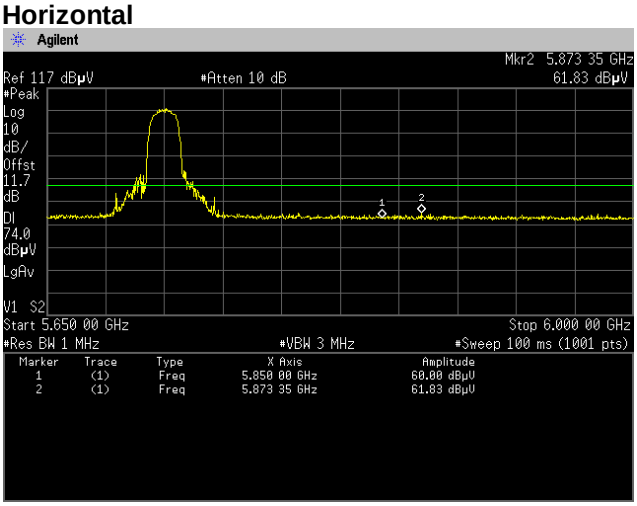


Vertical

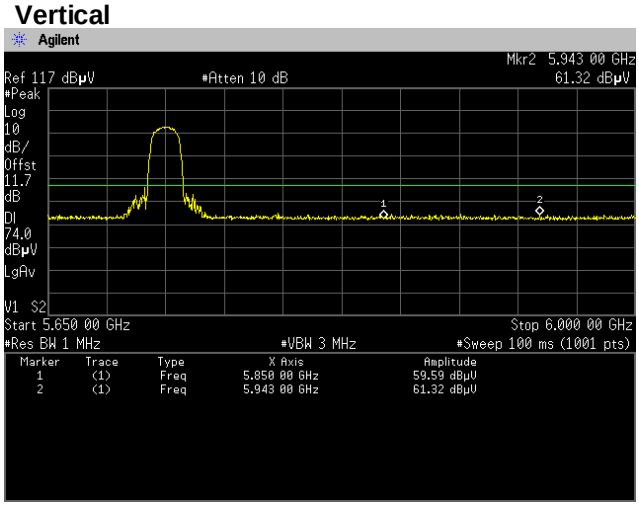


5.6 GHz Band, Channel High (144)
Peak

Horizontal



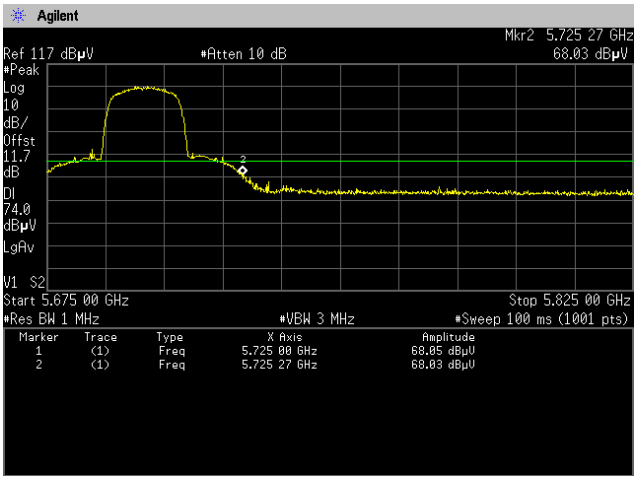
Vertical



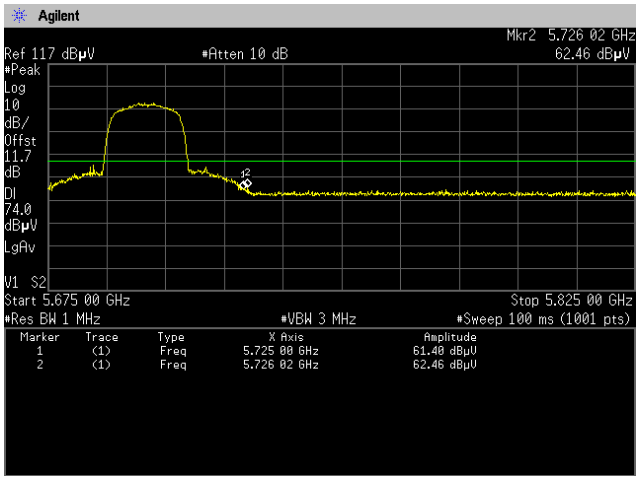
[IEEE802.11n (HT20)]

5.6 GHz Band, Channel High (140)
Peak

Horizontal

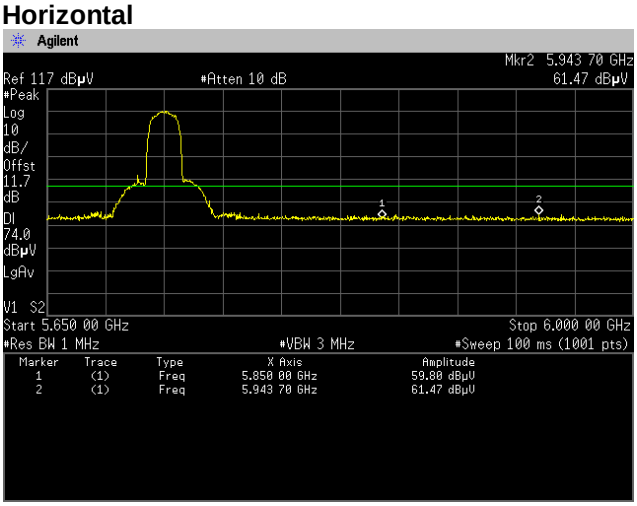


Vertical

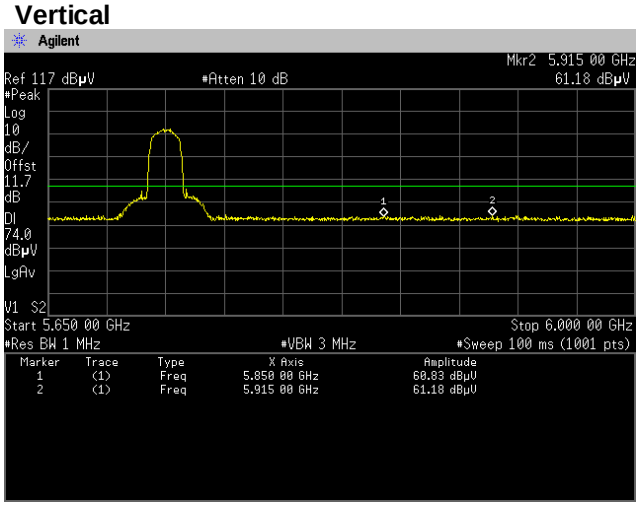


5.6 GHz Band, Channel High (144)
Peak

Horizontal

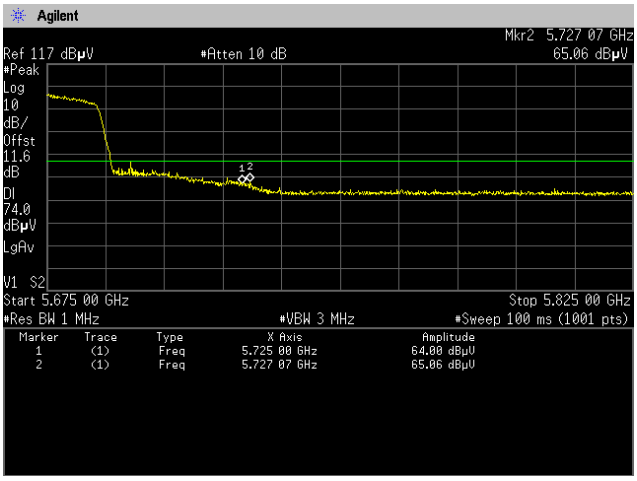


Vertical

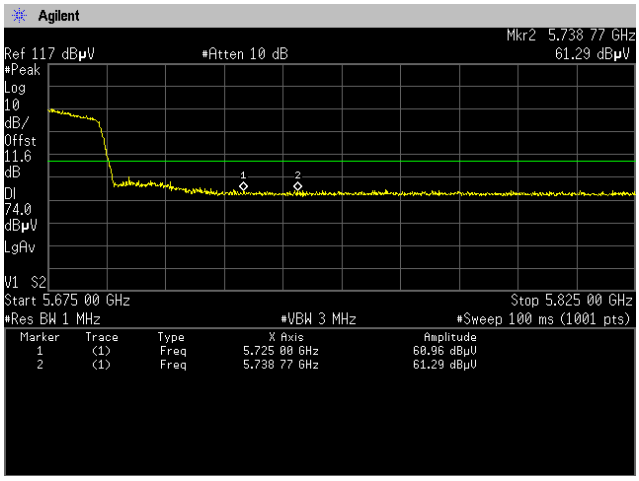


[IEEE802.11n (HT40)]

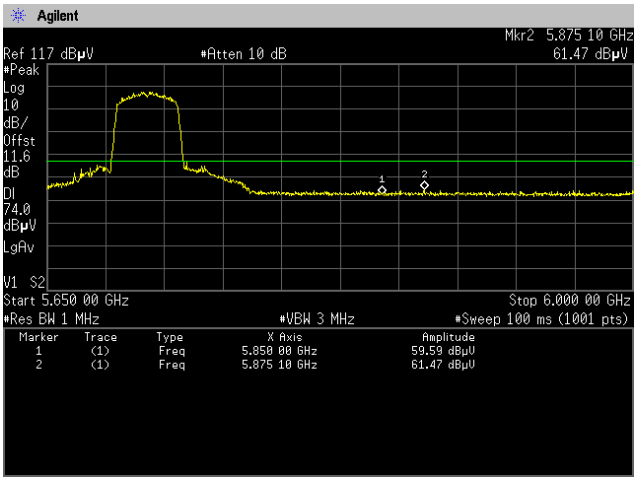
5.6GHz Band, Channel High (134)
Peak
Horizontal



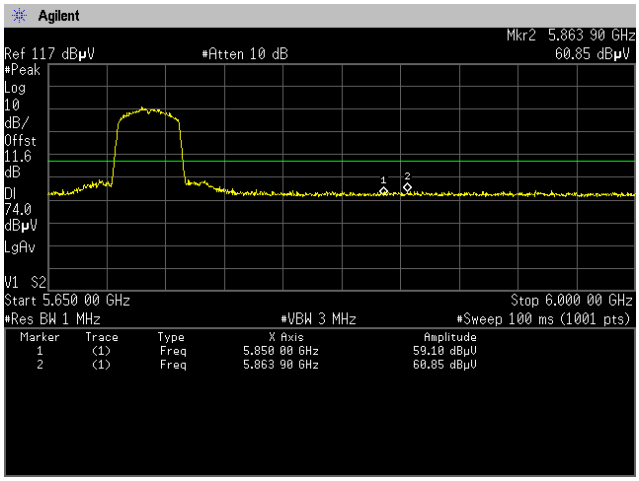
Vertical



5.6GHz Band, Channel High (142)
Peak
Horizontal



Vertical

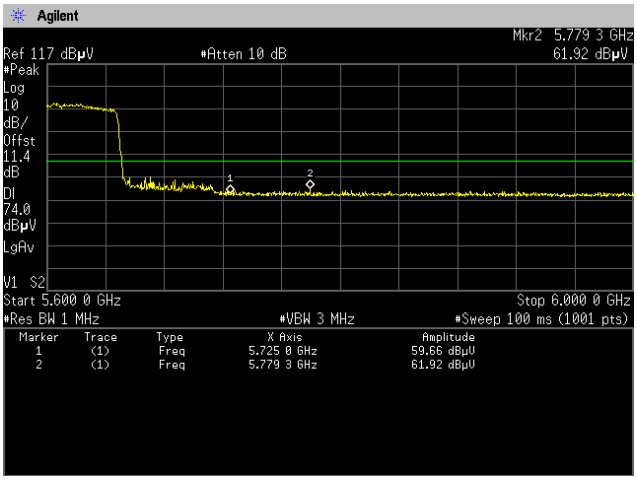


Japan

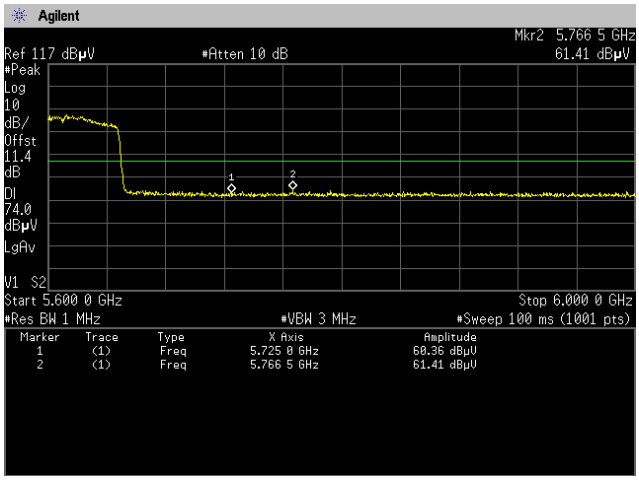
[IEEE802.11ac (VHT80)]

5.6 GHz Band, Channel High (122)
Peak

Horizontal

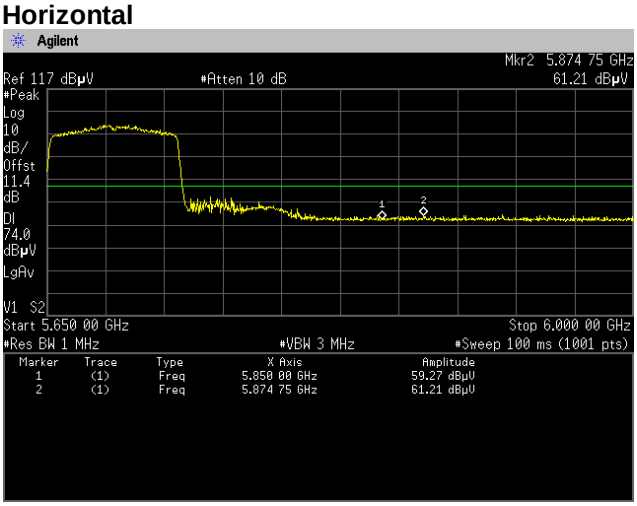


Vertical

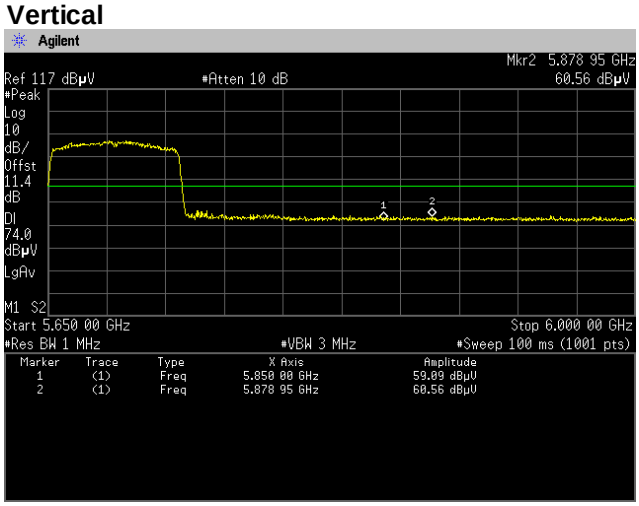


5.6 GHz Band, Channel High (138)
Peak

Horizontal



Vertical



Japan

4.1.4.3 Radiated Emissions

Date	:	25-October-2022			
Temperature	:	23.3 [˚C]			
Humidity	:	26.7 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Chiaki Kanno

Date	:	25-October-2022			
Temperature	:	23.5 [˚C]			
Humidity	:	33.2 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Tadahiro Seino

Date	:	2-November-2022			
Temperature	:	23.3 [˚C]			
Humidity	:	36.3 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Kazunori Saito

Date	:	3-November-2022			
Temperature	:	23.8 [˚C]			
Humidity	:	32.1 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Kazunori Saito

Date	:	4-November-2022			
Temperature	:	23.5 [˚C]			
Humidity	:	33.6 [%]	Test engineer	:	
Test place	:	3m Semi-anechoic chamber			Kazunori Saito

[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	46.6	11.1		57.7	68.2	10.5
	40	5200	10400.00	H	PK	45.7	11.1		56.8	68.2	11.4
	48	5240	10480.00	H	PK	46.1	11.2		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	46.2	11.2		57.4	68.2	10.8
	56	5280	10560.00	H	PK	46.1	11.2		57.3	68.2	10.9
	64	5320	10640.00	H	PK	46.2	11.3		57.5	74.0	16.5
			10640.00	H	AV	31.9	11.3	0.111	43.3	54.0	10.7

(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)
802.11a	100	5500	5468.70	H	PK	49.5	11.4		60.9	68.2	7.3
			5465.70	V	PK	49.4	11.4		60.8	68.2	7.4
			11000.00	H	PK	45.3	11.8		57.1	74.0	16.9
			11000.00	H	AV	34.4	11.8	0.128	46.3	54.0	7.7
	116	5580	11160.00	H	PK	45.8	11.9		57.7	74.0	16.3
			11160.00	H	AV	35.0	11.9	0.128	47.0	54.0	7.0
	140	5700	11400.00	H	PK	45.3	12.2		57.5	74.0	16.5
			11400.00	H	AV	34.5	12.2	0.128	46.8	54.0	7.2
	144	5720	11440.00	H	PK	46.2	12.2		58.4	74.0	15.6
			11440.00	H	AV	34.6	12.2	0.128	46.9	54.0	7.1

[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	H	PK	46.3	11.1		57.4	68.2	10.8
	40	5200	10400.00	H	PK	45.1	11.1		56.2	68.2	12.0
	48	5240	10480.00	H	PK	46.0	11.2		57.2	68.2	11.0

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.

Japan

[IEEE802.11n (HT20)]
(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	H	PK	46.3	11.2		57.5	68.2	10.7
	56	5280	10560.00	H	PK	46.0	11.2		57.2	68.2	11.0
	64	5320	10640.00	H	PK	45.9	11.3		57.2	74.0	16.8
			10640.00	H	AV	35.1	11.3	0.117	46.5	54.0	7.5

(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	5462.60	H	PK	49.6	11.4		61.0	68.2	7.2
			5469.50	V	PK	49.8	11.4		61.2	68.2	7.0
			11000.00	H	PK	45.6	11.8		57.4	74.0	16.6
			11000.00	H	AV	34.4	11.8	0.129	46.3	54.0	7.7
	116	5580	11160.00	H	PK	46.1	11.9		58.0	74.0	16.0
			11160.00	H	AV	35.4	11.9	0.129	47.4	54.0	6.6
	140	5700	11400.00	H	PK	45.6	12.2		57.8	74.0	16.2
			11400.00	H	AV	34.7	12.2	0.129	47.0	54.0	7.0
	144	5720	11440.00	H	PK	46.6	12.2		58.8	74.0	15.2
			11440.00	H	AV	34.7	12.2	0.129	47.0	54.0	7.0

[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	46.0	11.1		57.1	68.2	11.1
	46	5230	10460.00	H	PK	46.3	11.2		57.5	68.2	10.7

(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	46.1	11.2		57.3	68.2	10.9
	62	5310	10620.00	H	PK	46.2	11.3		57.5	74.0	16.5
			10620.00	H	AV	34.2	11.3	0.239	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.

Japan

[IEEE802.11n (HT40)]
(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	5464.22	H	PK	52.0	11.4		63.4	68.2	4.8
			5467.20	V	PK	52.0	11.4		63.4	68.2	4.8
			11020.00	H	PK	46.3	11.8		58.1	74.0	15.9
			11020.00	H	AV	33.9	11.8	0.232	45.9	54.0	8.1
	110	5550	11100.00	H	PK	45.3	11.9		57.2	74.0	16.8
			11100.00	H	AV	35.1	11.9	0.232	47.2	54.0	6.8
	134	5670	11340.00	H	PK	46.1	12.2		58.3	74.0	15.7
			11340.00	H	AV	34.3	12.2	0.232	46.7	54.0	7.3
	142	5710	11420.00	H	PK	45.2	12.2		57.4	74.0	16.6
			11420.00	H	AV	33.9	12.2	0.232	46.3	54.0	7.7

[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	45.5	11.1		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)
802.11ac (80MHz)	58	5290	10580.00	H	PK	46.5	11.2		57.7	68.2	10.5

(5.6 GHz Band)

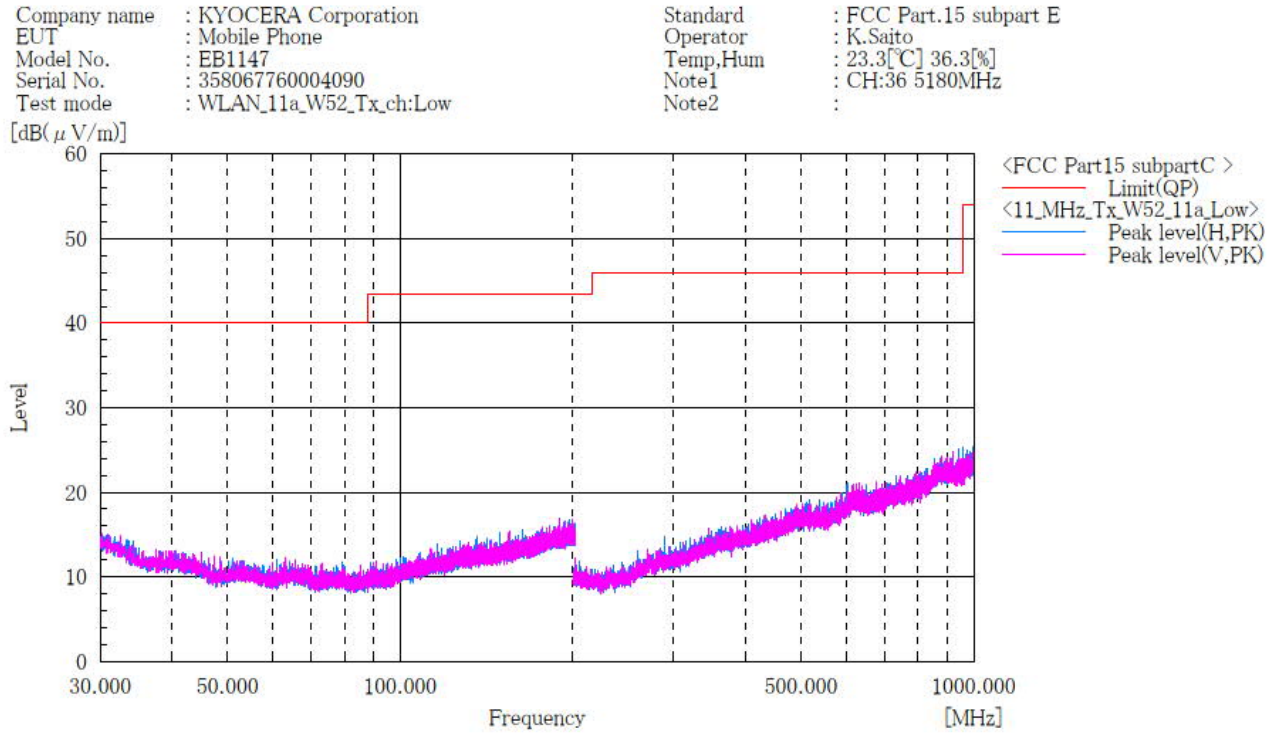
Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBµV)	C.F (dB)	DCF (dB)	Result (dBµV/m)	Limit (dBµV/m)	Margin (dB)
802.11ac (80MHz)	106	5530	5467.20	H	PK	52.9	11.4		64.3	68.2	3.9
			5463.80	V	PK	51.3	11.4		62.7	68.2	5.5
			11060.00	H	PK	46.9	11.9		58.8	74.0	15.2
			11060.00	H	AV	34.1	11.9	0.445	46.4	54.0	7.6
	122	5610	11220.00	H	PK	46.0	12.0		58.0	74.0	16.0
			11220.00	H	AV	34.0	12.0	0.445	46.4	54.0	7.6
	138	5690	11380.00	H	PK	45.9	12.2		58.1	74.0	15.9
			11380.00	H	AV	33.9	12.2	0.445	46.5	54.0	7.5

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.

4.1.4.4 Measurement chart

Transmission mode

[11a]
5.2 GHz Band / Channel Low
BELOW 1GHz



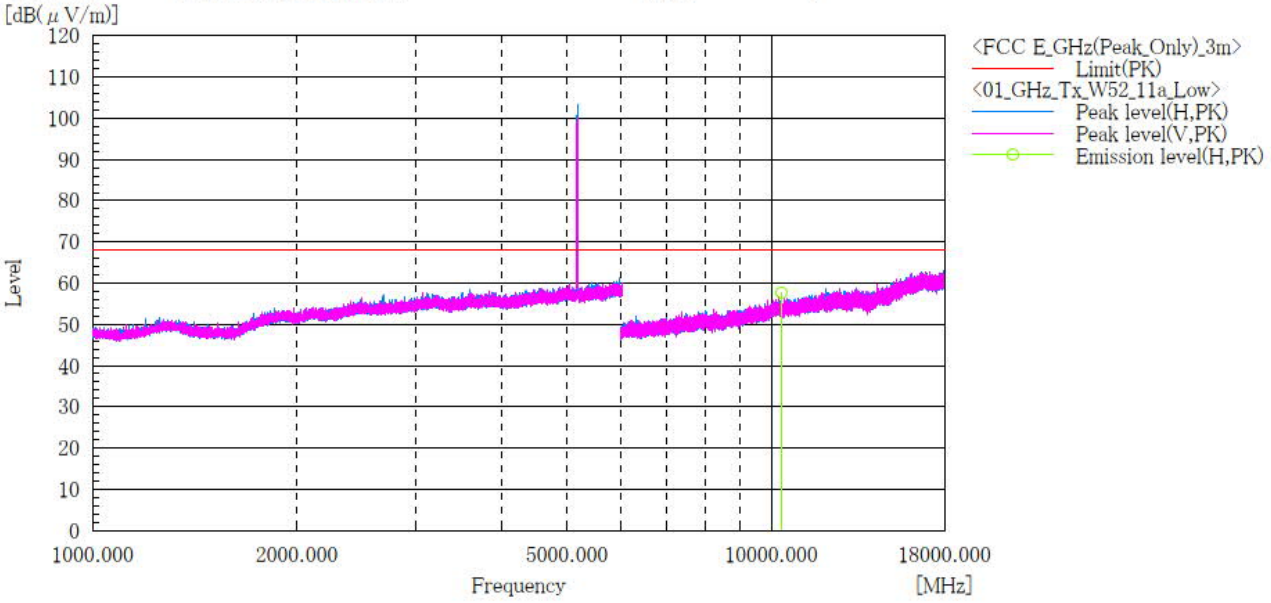
Final Result

No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	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]
5.2 GHz Band / Channel Low
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.8[℃] 27.3[%]
Serial No.	: 358067760004090	Note1	: ch:36_5180MHz
Test mode	: WLAN_W52_11a_Tx_Low	Note2	:



Final Result

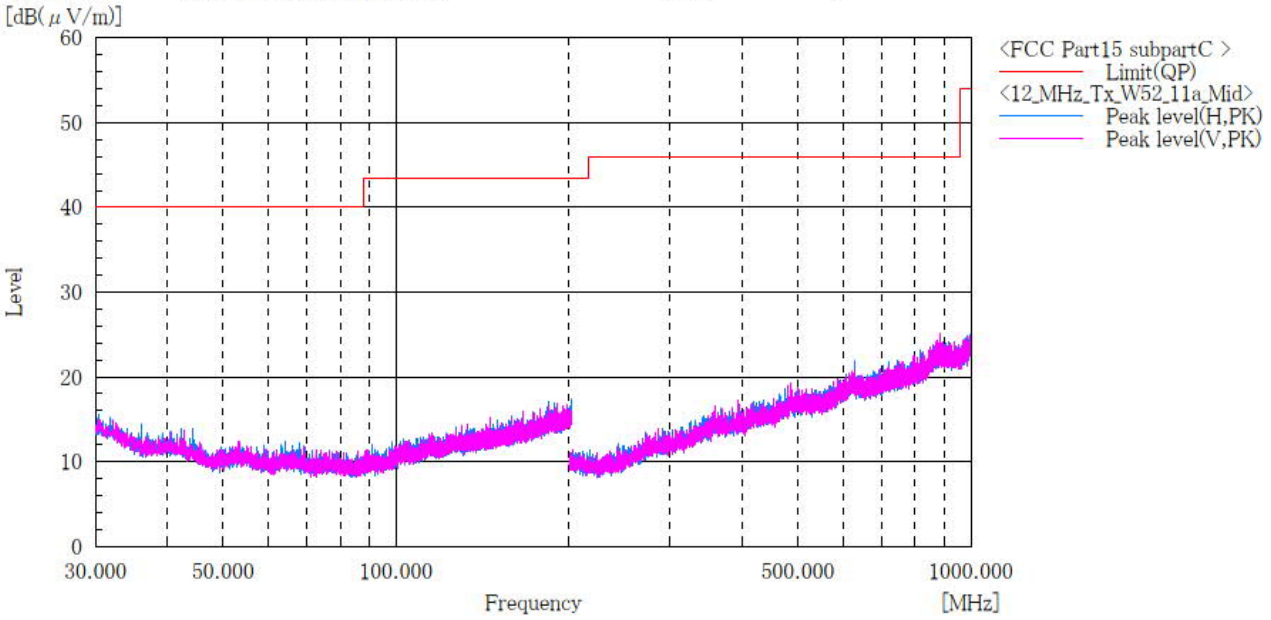
No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10360.000	H	46.6	11.1	57.7	68.2	10.5	100.0	122.0	

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.

Japan

[11a]
5.2 GHz Band / Channel Middle
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.3[℃] 36.3[%]
Serial No.	: 358067760004090	Note1	: CH:40 5200MHz
Test mode	: WLAN_11a_W52_Tx_ch:Mid	Note2	:



Final Result

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

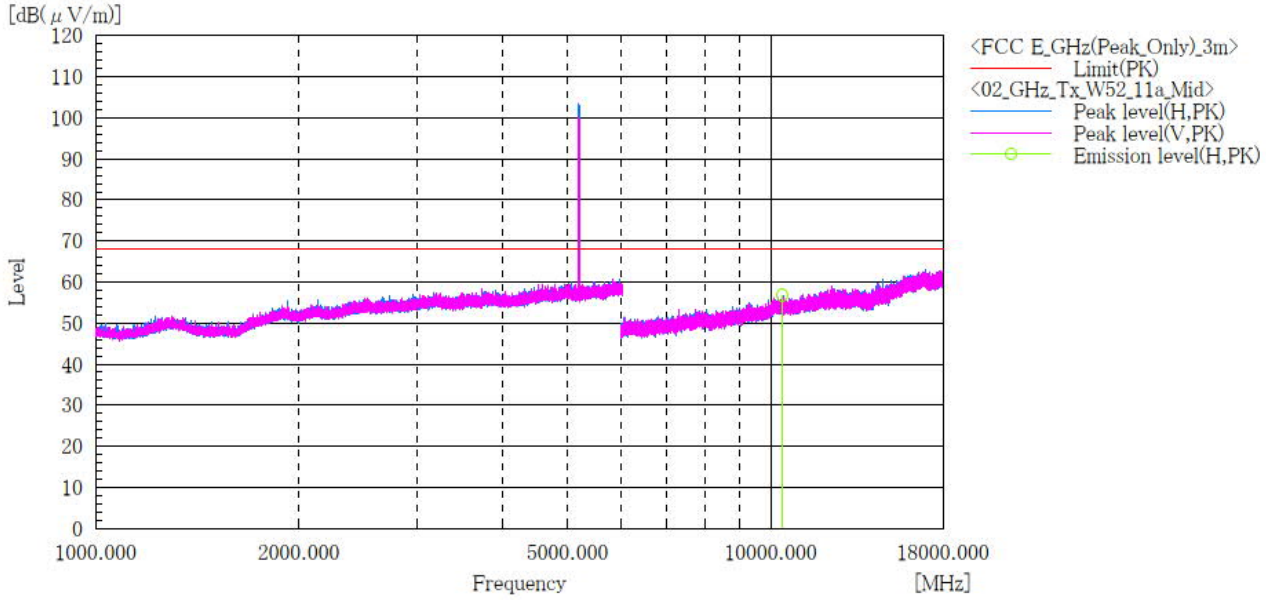
Note:
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

Japan

[11a]
5.2 GHz Band / Channel Middle
ABOVE 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1147
Serial No. : 358067760004090
Test mode : WLAN_W52_11a_Tx_Mid

Standard : FCC Part.15 subpart E
Operator : T.Seino
Temp,Hum,Atm : 23.8[℃] 27.3[%]
Note1 : ch:40_5200MHz
Note2 :



Final Result

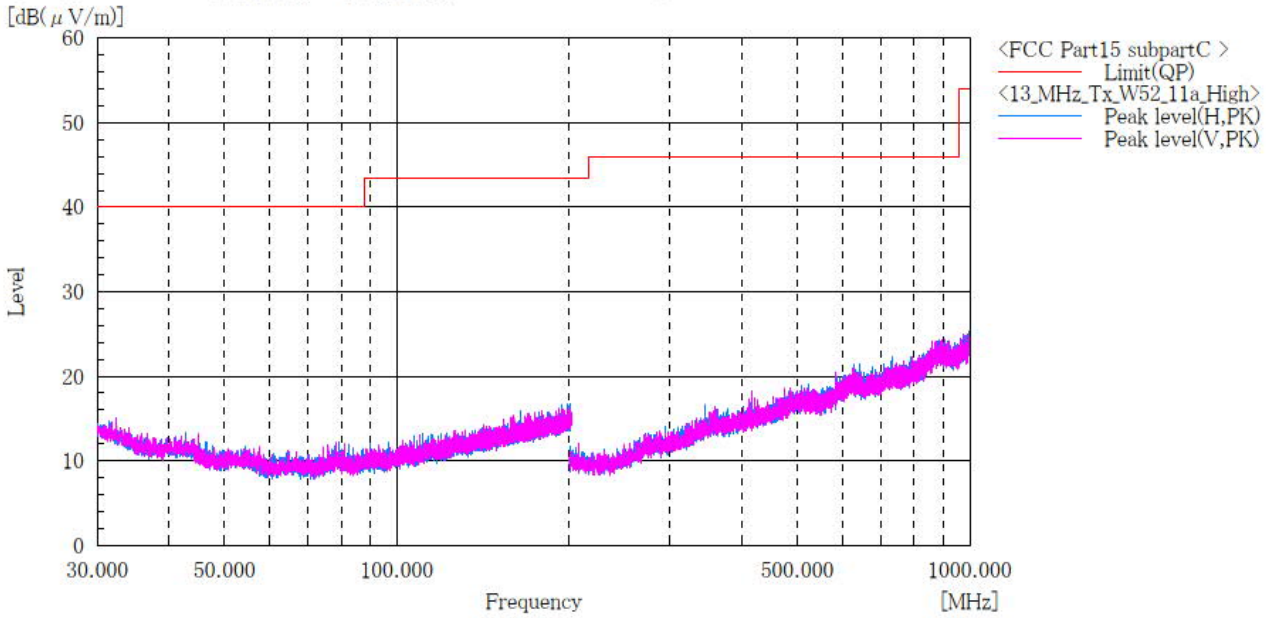
No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10400.000	H	45.7	11.1	56.8	68.2	11.4	100.0	119.0	

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.

Japan

[11a]
5.2 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:48 5240MHz
Test mode	: WLAN_11a_W52_Tx_ch:High	Note2	:



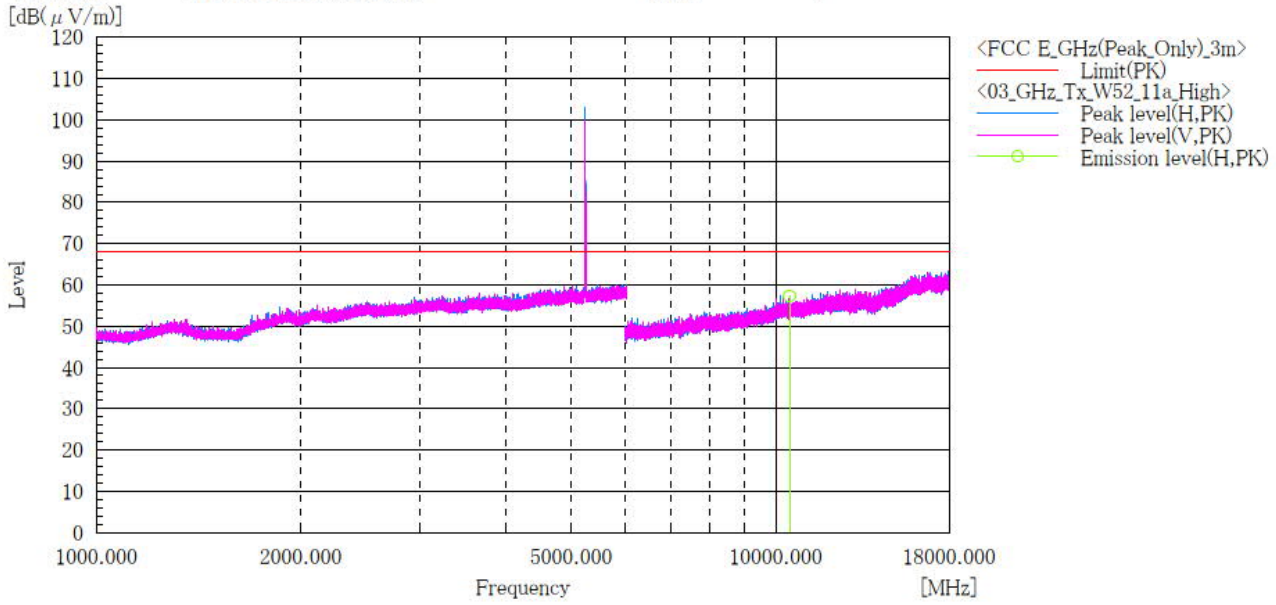
Final Result

No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	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]
5.2 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.8[℃] 27.3[%]
Serial No.	: 358067760004090	Note1	: ch:48_5240MHz
Test mode	: WLAN_W52_11a_Tx_High	Note2	:



Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10480.000	H	46.1	11.2	57.3	68.2	10.9	100.0	118.0	

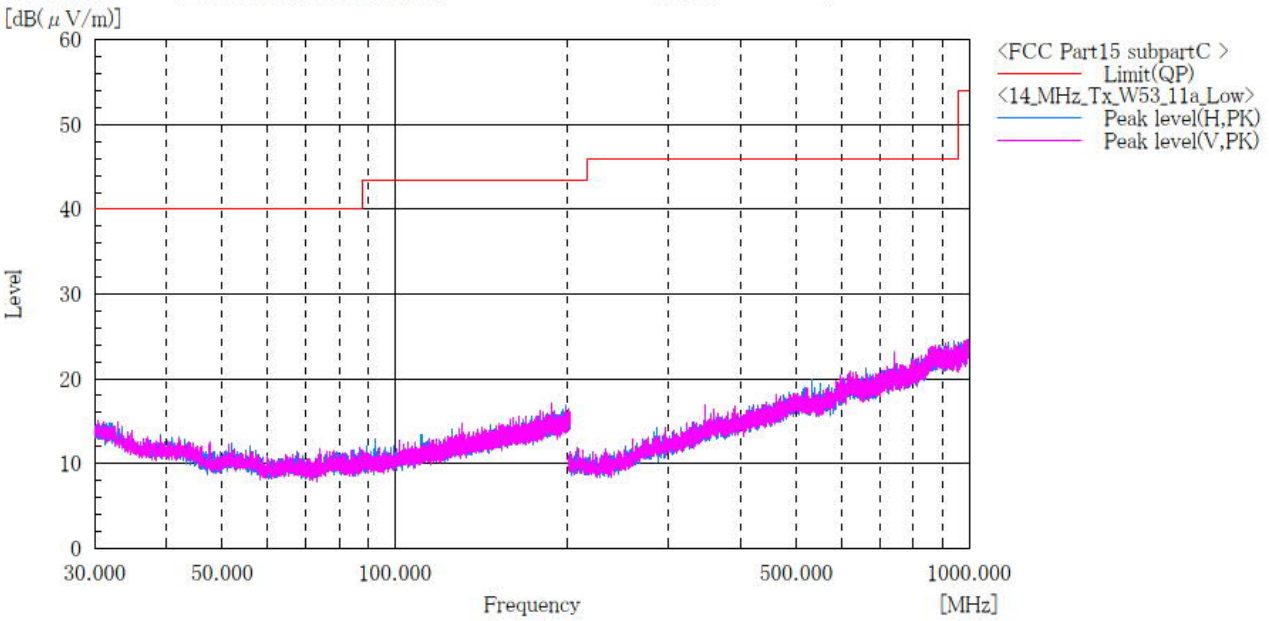
*

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.

Japan

[11a]
5.3 GHz Band / Channel Low
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:52 5260MHz
Test mode	: WLAN_11a_W53_Tx_ch:Low	Note2	:



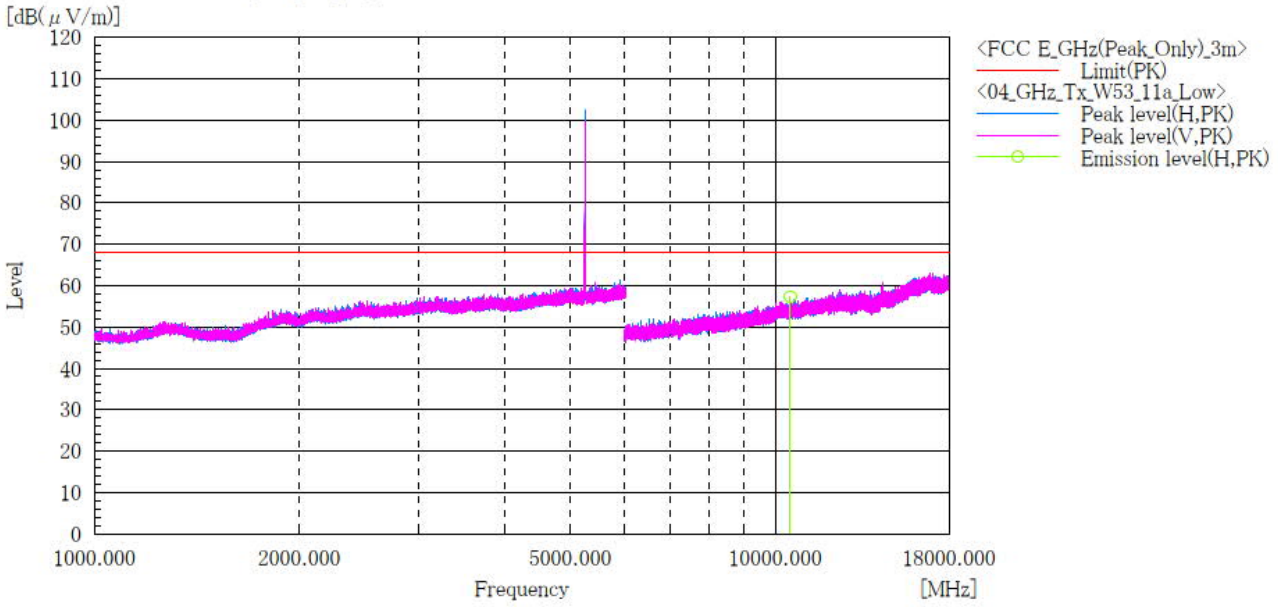
Final Result

No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	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]
5.3 GHz Band / Channel Low
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.8[℃] 27.3[%]
Serial No.	: 358067760004090	Note1	: ch:52_5260MHz
Test mode	: WLAN_W53_11a_Tx_Low	Note2	:



Final Result

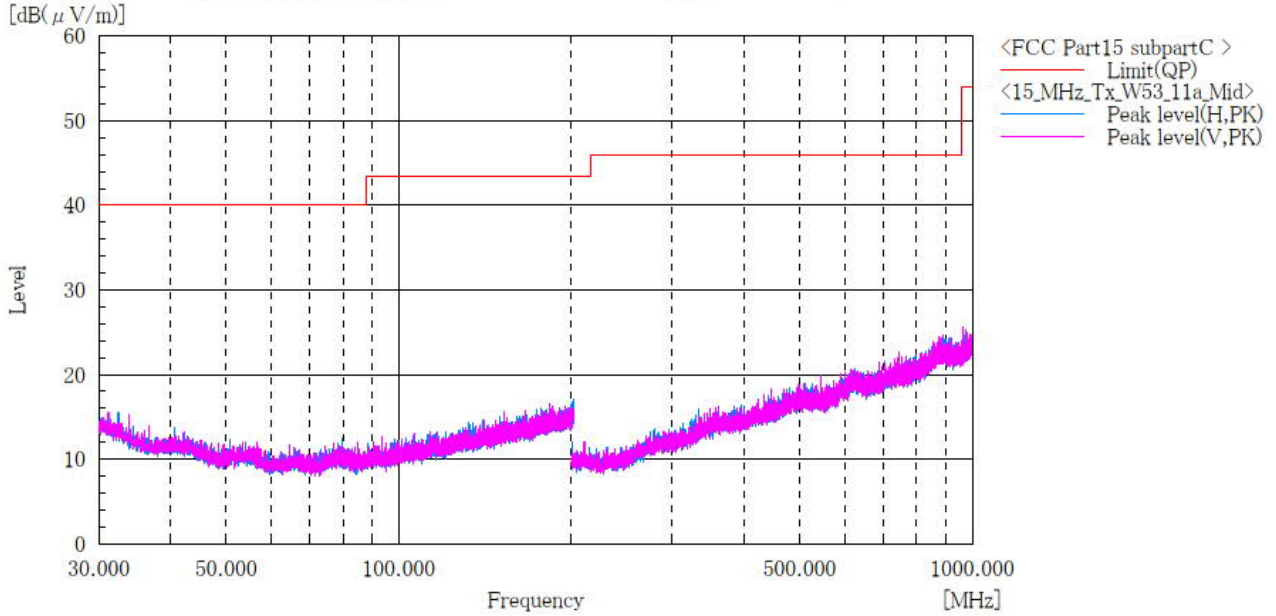
No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10520.000	H	46.2	11.2	57.4	68.2	10.8	130.0	118.0	

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.

Japan

[11a]
5.3 GHz Band / Channel Middle
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:56 5280MHz
Test mode	: WLAN_11a_W53_Tx_ch:Mid	Note2	:



Final Result

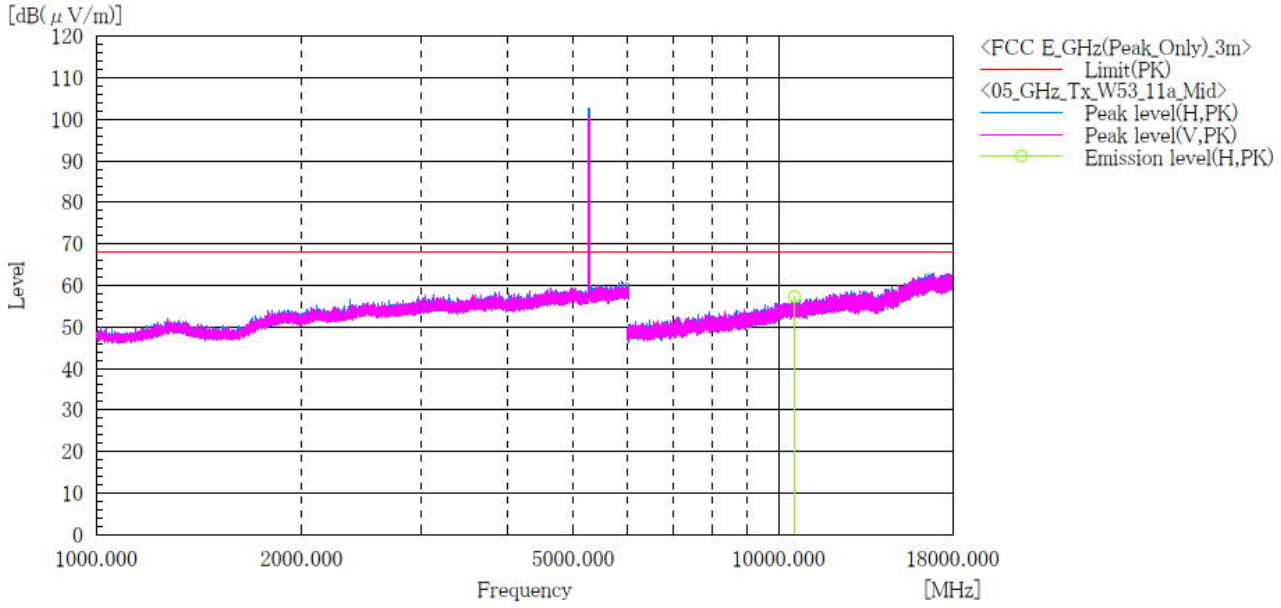
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

[11a]
5.3 GHz Band / Channel Middle
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.8[℃] 27.3[%]
Serial No.	: 358067760004090	Note1	: ch:56_5280MHz
Test mode	: WLAN_W53_11a_Tx_Mid	Note2	:



Final Result

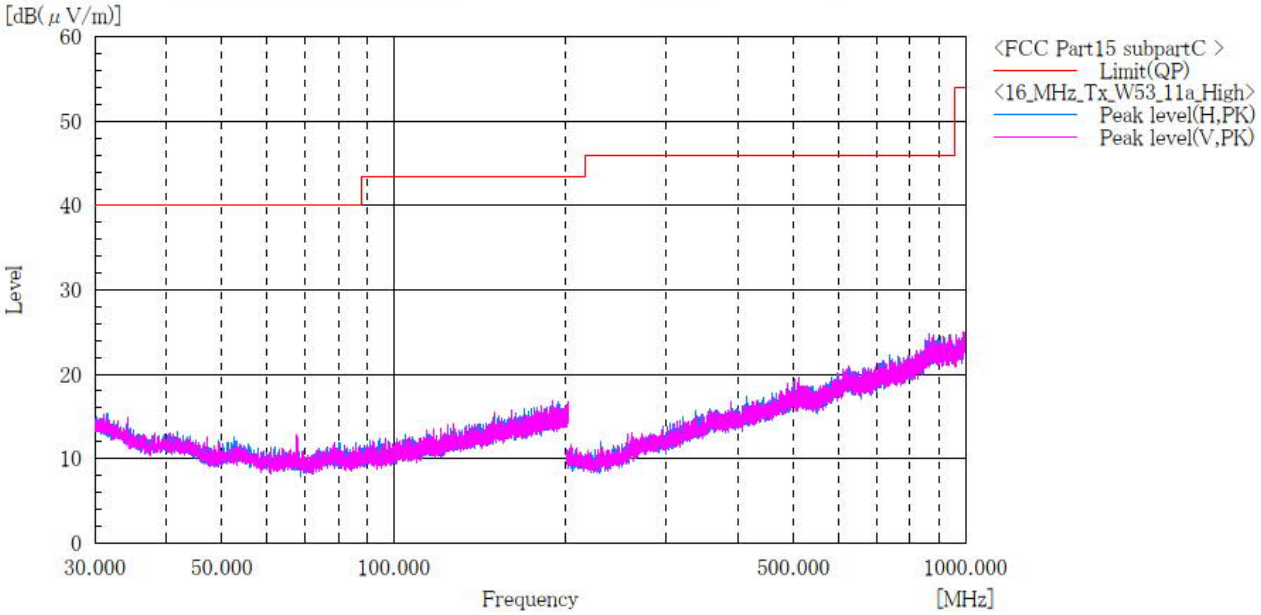
No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10560.000	H	46.1	11.2	57.3	68.2	10.9	118.0	119.0	

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.

Japan

[11a]
5.3 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:64 5320MHz
Test mode	: WLAN_11a_W53_Tx_ch:High	Note2	:



Final Result

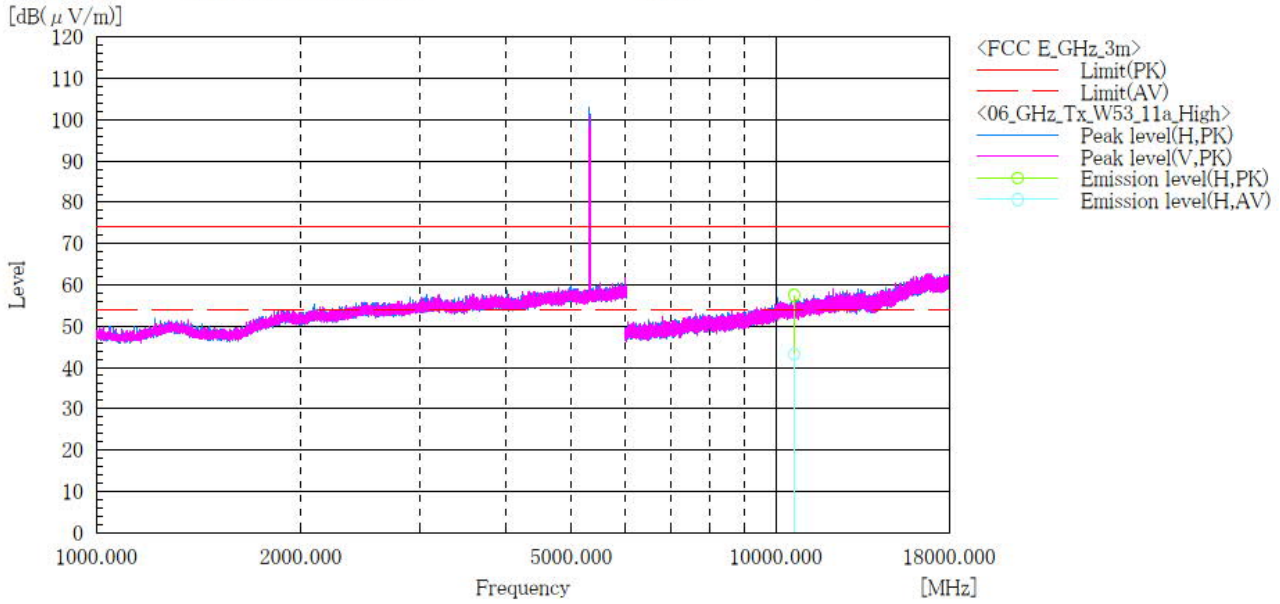
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

[11a]
5.3 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart C
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.8[℃] 27.3[%]
Serial No.	: 358067760004090	Note1	: ch:64_5320MHz
Test mode	: WLAN_W53_11a_Tx_High	Note2	:



Final Result

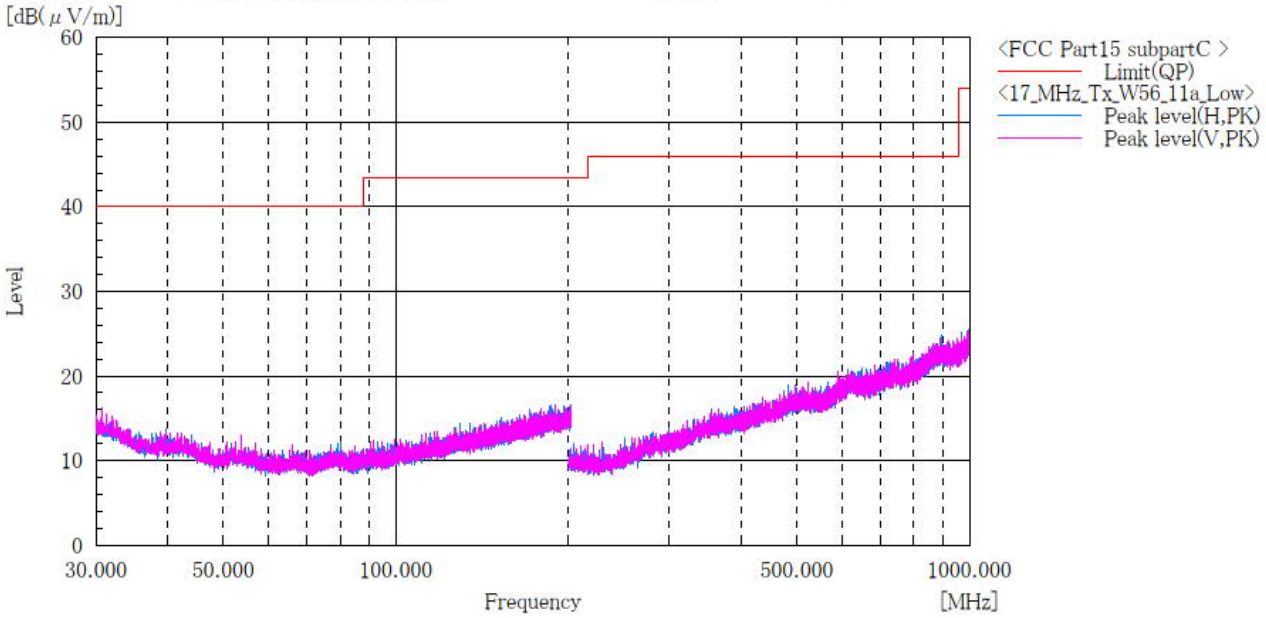
No.	Frequency	(P)	Reading PK	Reading AV	c.f	Result PK	Result AV	Limit PK	Limit AV	Margin PK	Margin AV	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	10640.000	H	46.2	31.9	11.3	57.5	43.2	74.0	54.0	16.5	10.8	118.0	120.0	

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.

Japan

[11a]
5.6 GHz Band / Channel Low
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:100 5500MHz
Test mode	: WLAN_11a_W56_Tx_ch:Low	Note2	:



Final Result

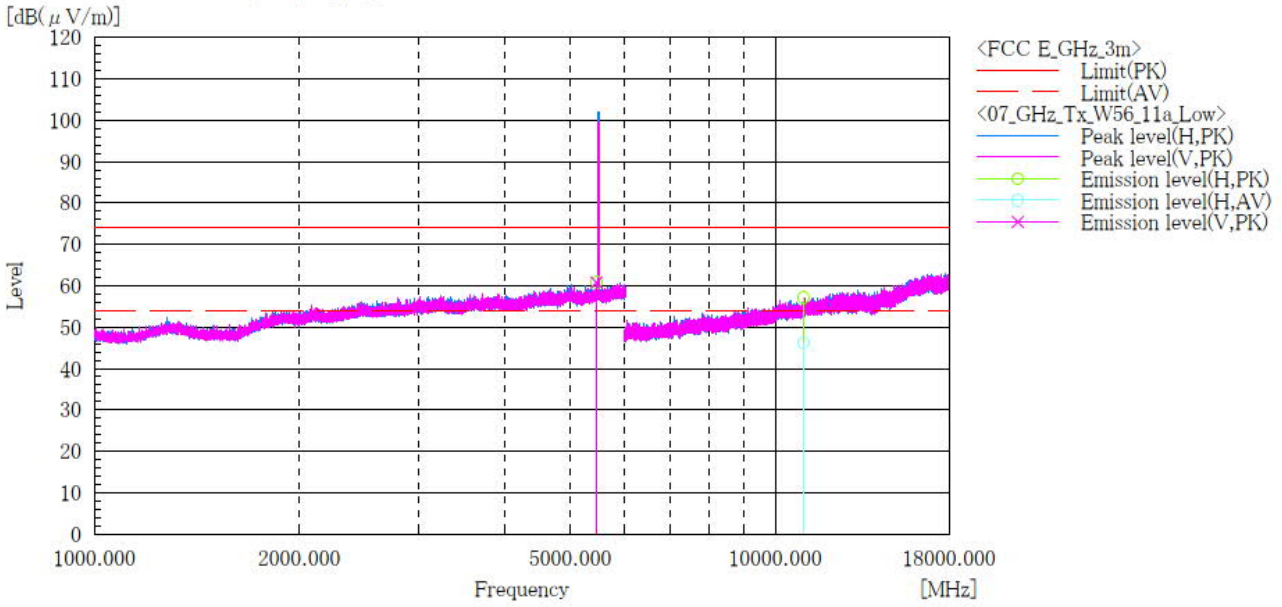
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

[11a]
5.6 GHz Band / Channel Low
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:100_5500MHz
Test mode	: WLAN_W56_11a_Tx_Low	Note2	:



Final Result

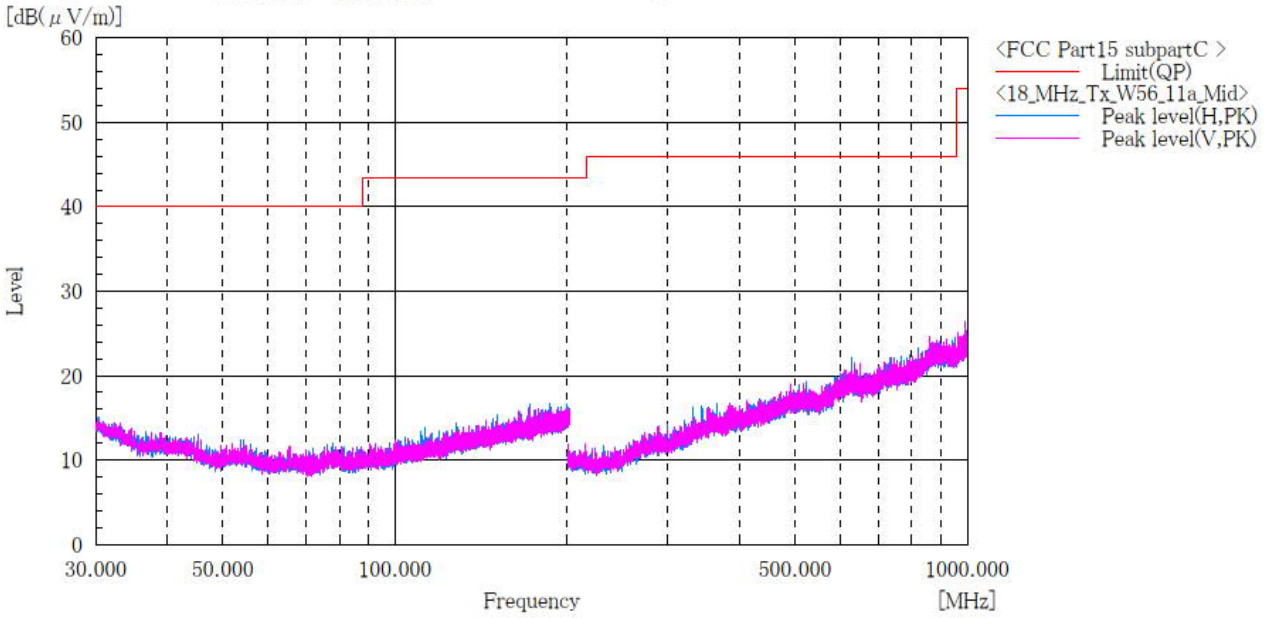
No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]	Remark
1	5468.700	H	49.5	--------	11.4	60.9	--------	68.2	54.0	7.3	--------	148.0	300.0	
2	5465.700	V	49.4	--------	11.4	60.8	--------	68.2	54.0	7.4	--------	198.0	53.0	
3	11000.000	H	45.3	34.4	11.8	57.1	46.2	74.0	54.0	16.9	7.8	128.0	156.0	

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.

Japan

[11a]
5.6 GHz Band / Channel Middle
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:116 5580MHz
Test mode	: WLAN_11a_W56_Tx_ch:Mid	Note2	:



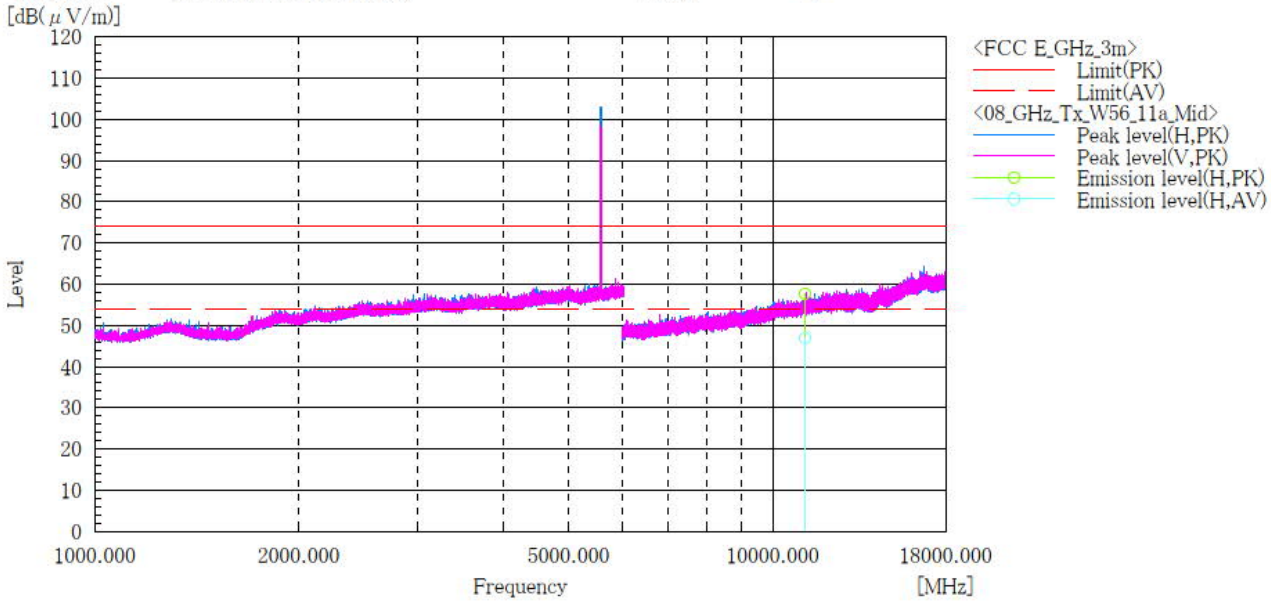
Final Result

No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	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]
5.6 GHz Band / Channel Middle
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:116_5580MHz
Test mode	: WLAN_W56_11a_Tx_Mid	Note2	:



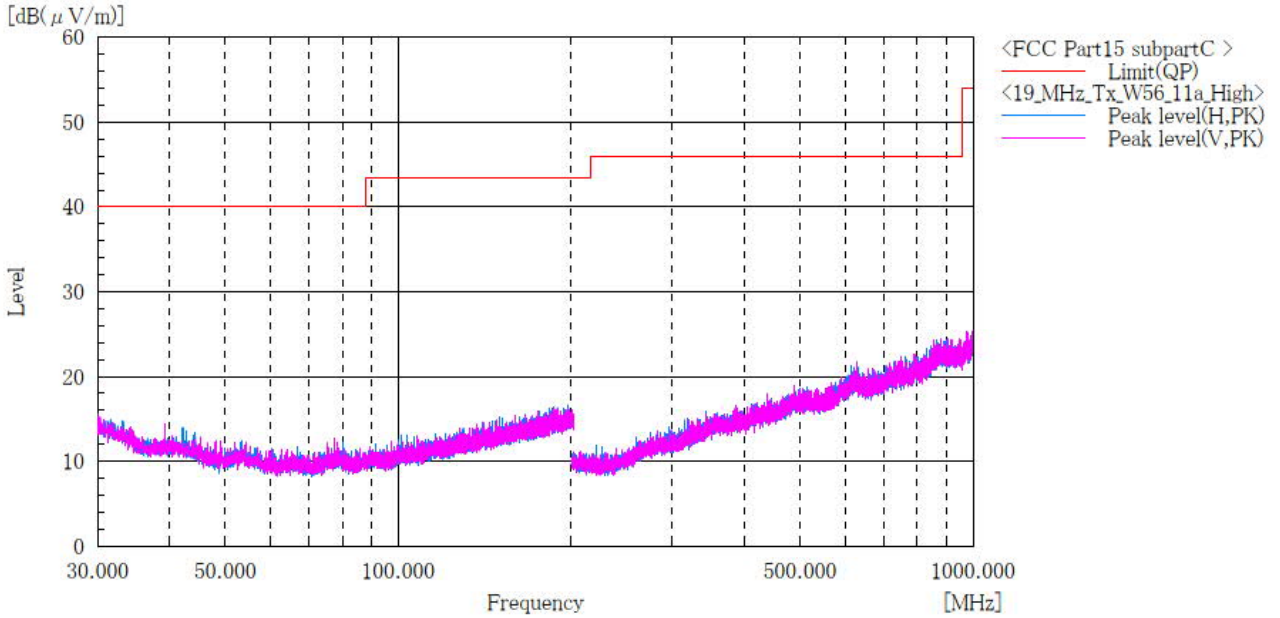
Final Result

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	11160.000	H	45.8	35.0	11.9	57.7	46.9	74.0	54.0	16.3	7.1	133.0	86.0	

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]
5.6 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:140 5700MHz
Test mode	: WLAN_11a_W56_Tx_ch:High	Note2	:



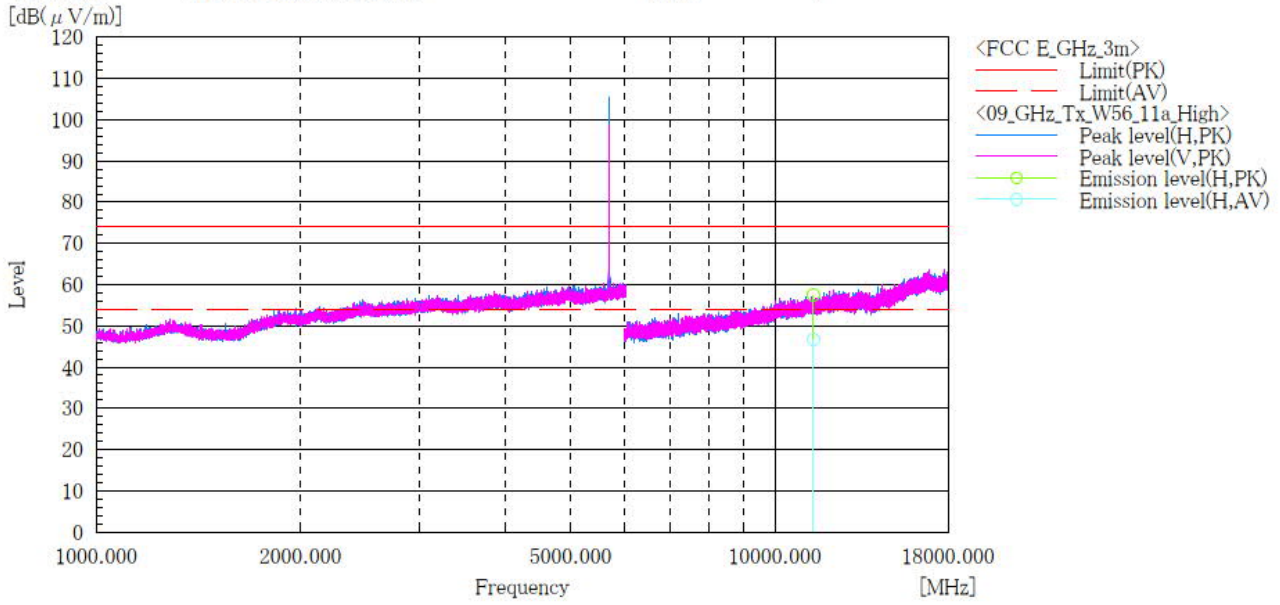
Final Result

No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	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]
5.6 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:140_5700MHz
Test mode	: WLAN_W56_11a_Tx_High	Note2	:



Final Result

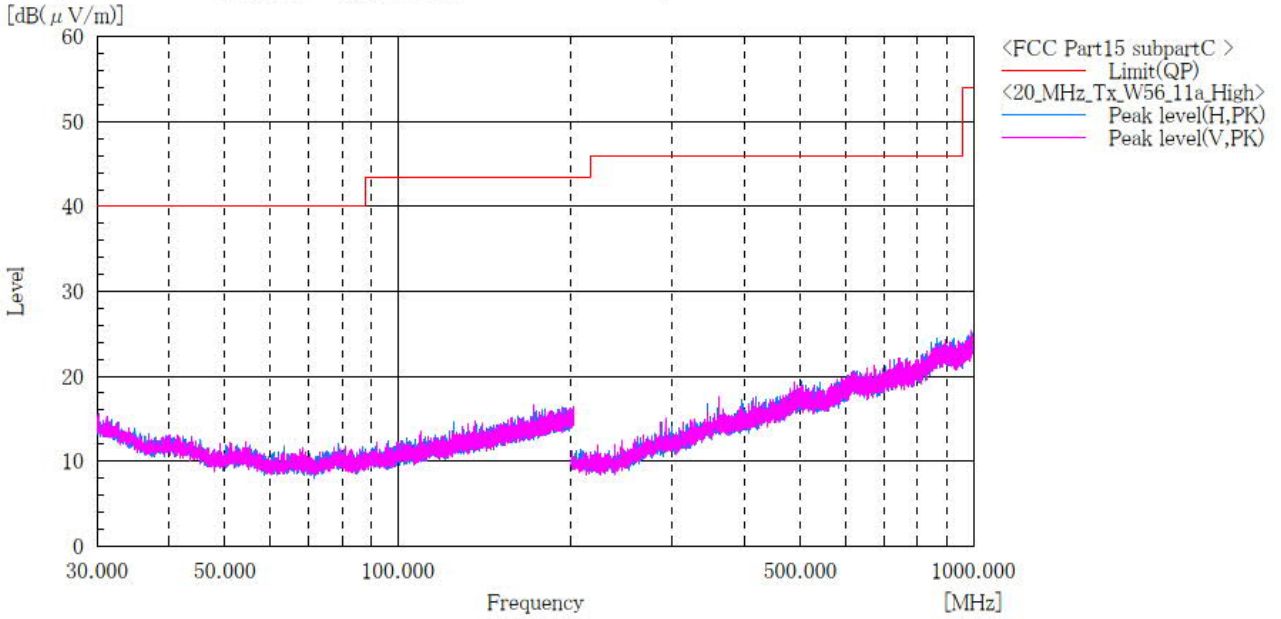
No.	Frequency [MHz]	(P)	Reading PK [dB(μV)]	Reading AV [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Result AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Margin PK [dB]	Margin AV [dB]	Height [cm]	Angle [°]	Remark
1	11400.000	H	45.3	34.5	12.2	57.5	46.7	74.0	54.0	16.5	7.3	119.0	65.0	

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.

Japan

[11a]
5.6 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:144 5720MHz
Test mode	: WLAN_11a_W56_Tx_ch:High	Note2	:



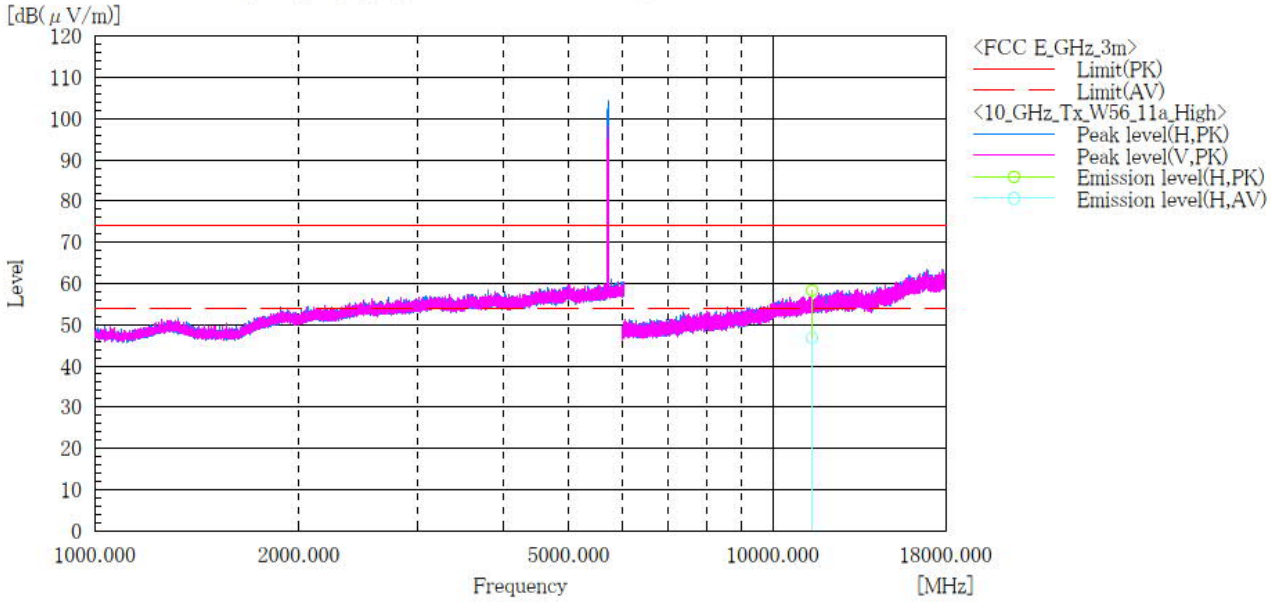
Final Result

No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	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]
5.6 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:144_5720MHz
Test mode	: WLAN_W56_11a_Tx_High	Note2	:



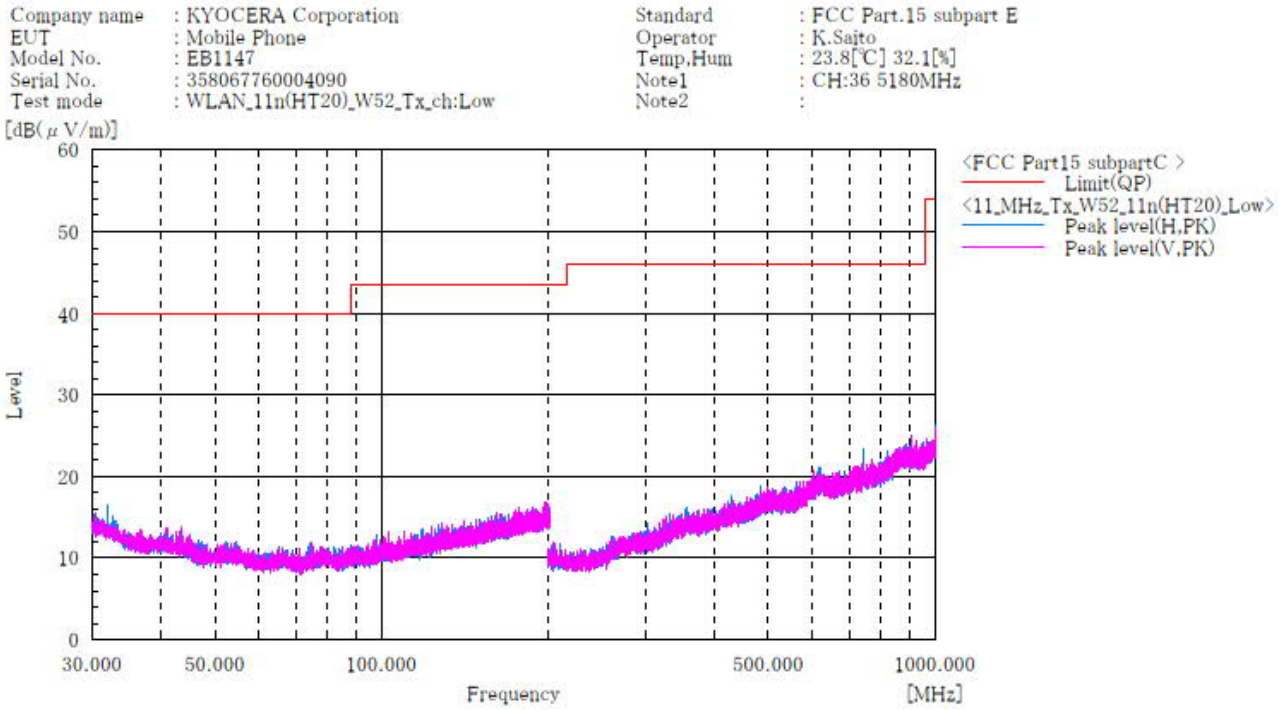
Final Result

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	46.2	34.6	12.2	58.4	46.8	74.0	54.0	15.6	7.2	100.0	256.0	

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.

Japan

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



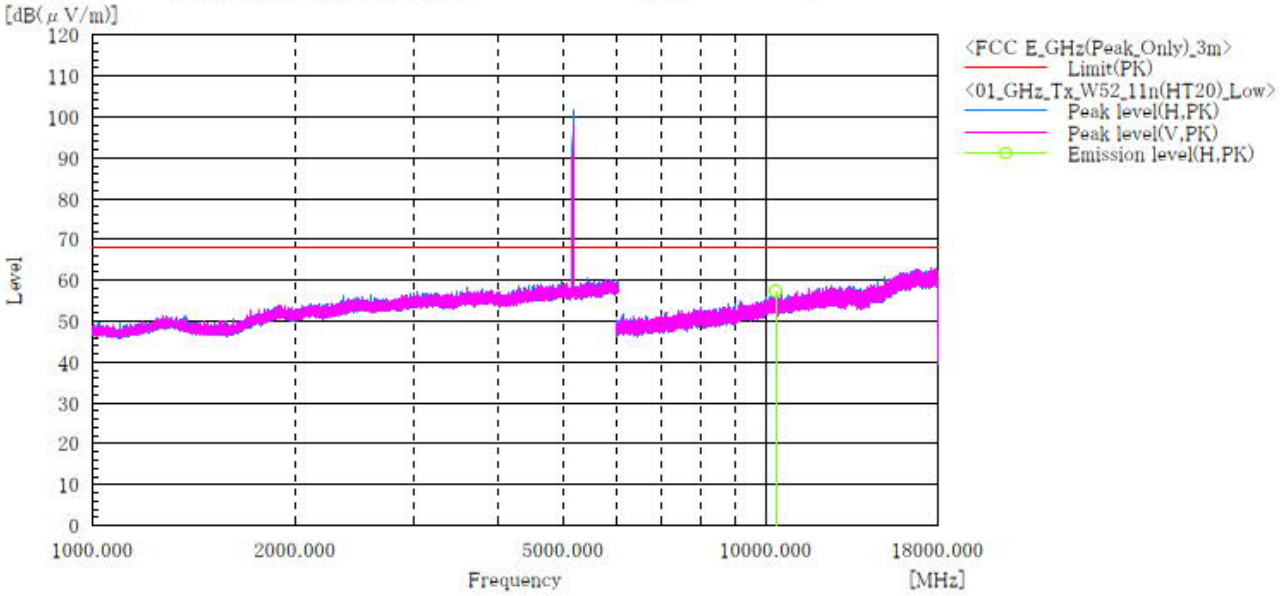
Final Result

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

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

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:36_5180MHz
Test mode	: WLAN_W52_11n(HT20)_Tx_Low	Note2	:

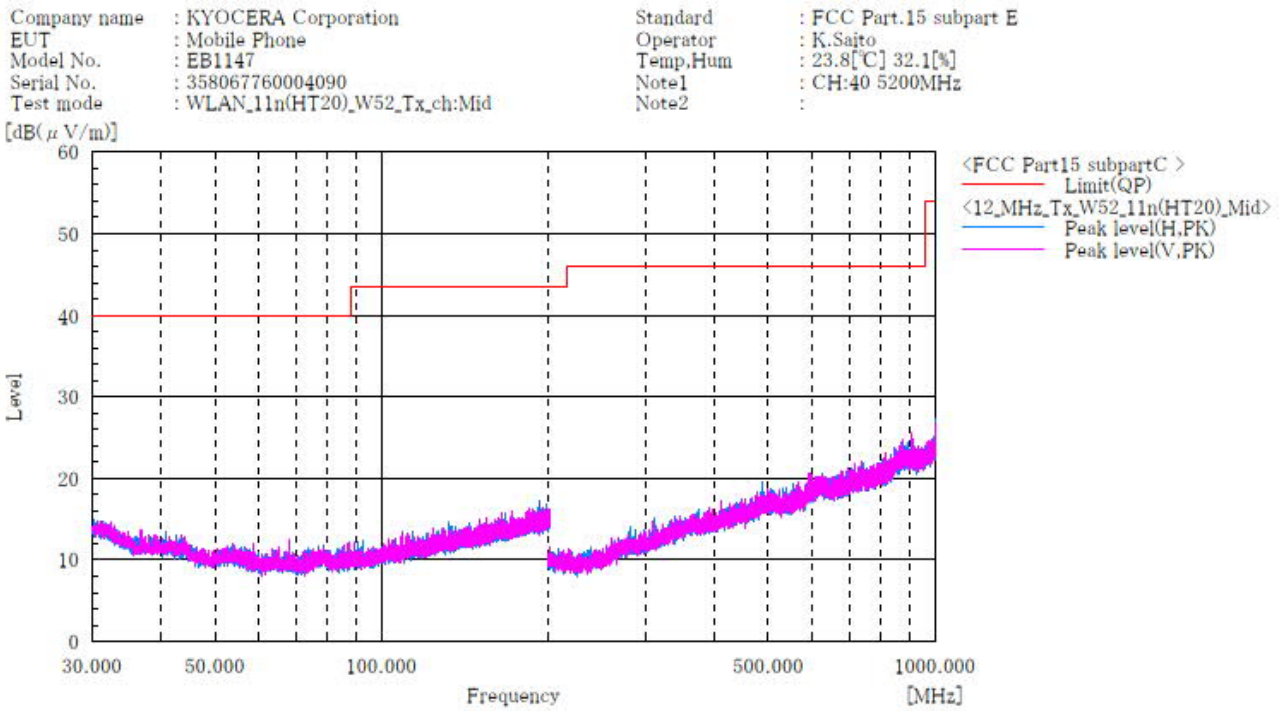


Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10360.000	H	46.3	11.1	57.4	68.2	10.8	100.0	110.0	

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)]
5.2 GHz Band / Channel Middle
BELOW 1GHz



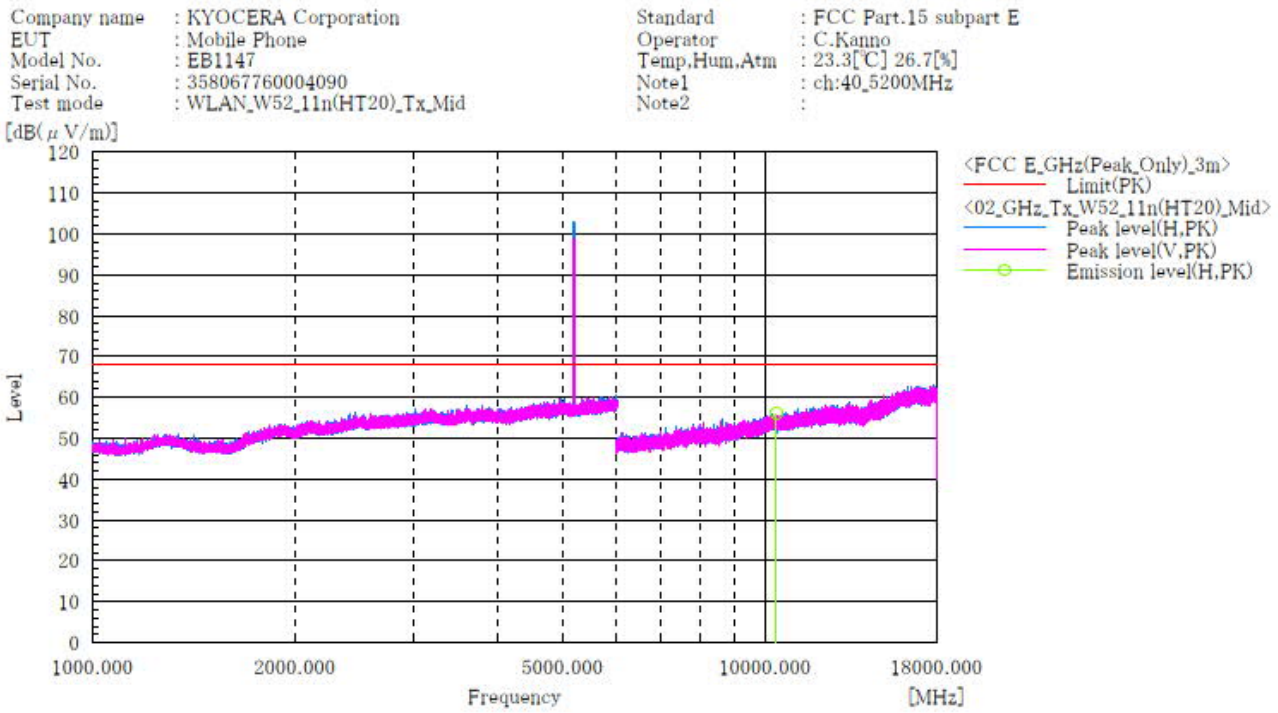
Final Result

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

Japan

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

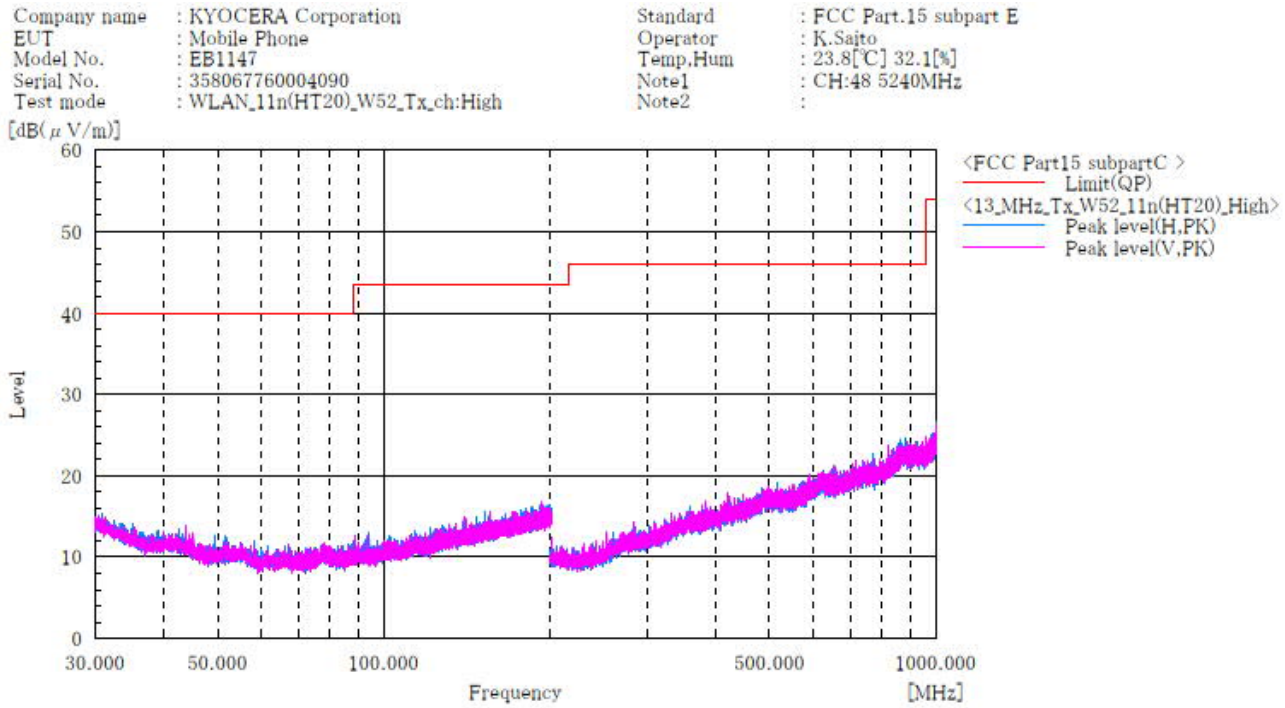


Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10400.000	H	45.1	11.1	56.2	68.2	12.0	100.0	114.0	

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)]
5.2 GHz Band / Channel High
BELOW 1GHz



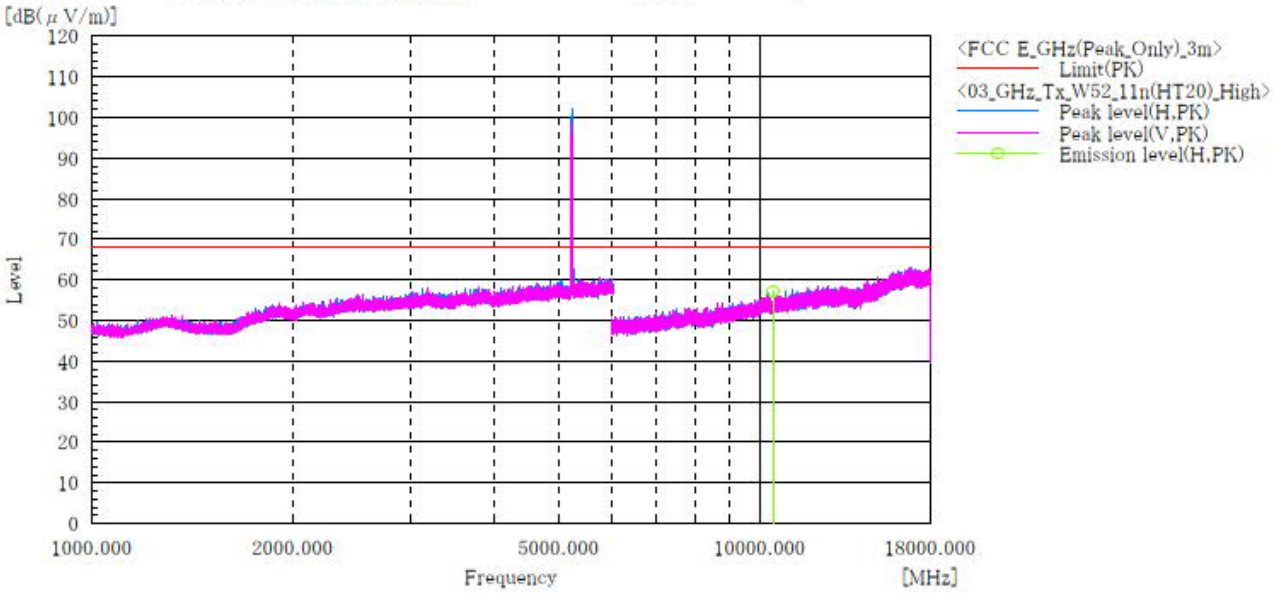
Final Result

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

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

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:48_5240MHz
Test mode	: WLAN_W52_11n(HT20)_Tx_High	Note2	:

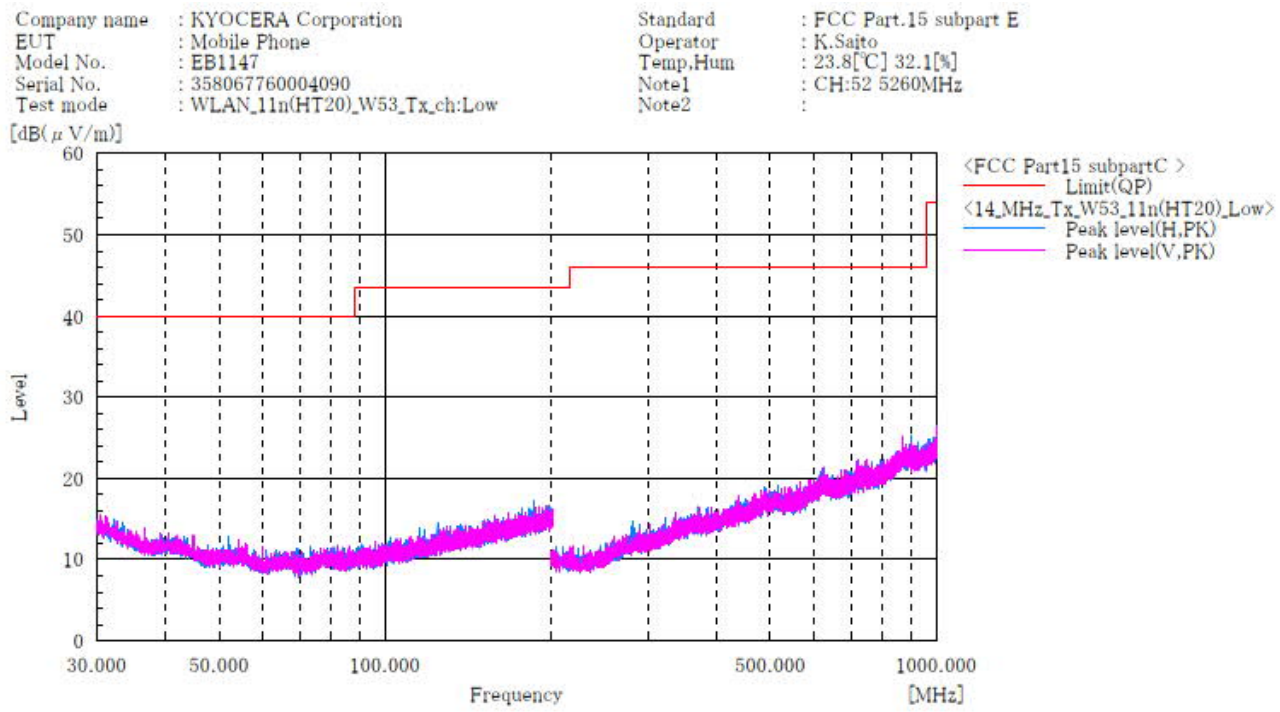


Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10480.000	H	46.0	11.2	57.2	68.2	11.0	100.0	104.0	

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)]
5.3 GHz Band / Channel Low
BELOW 1GHz



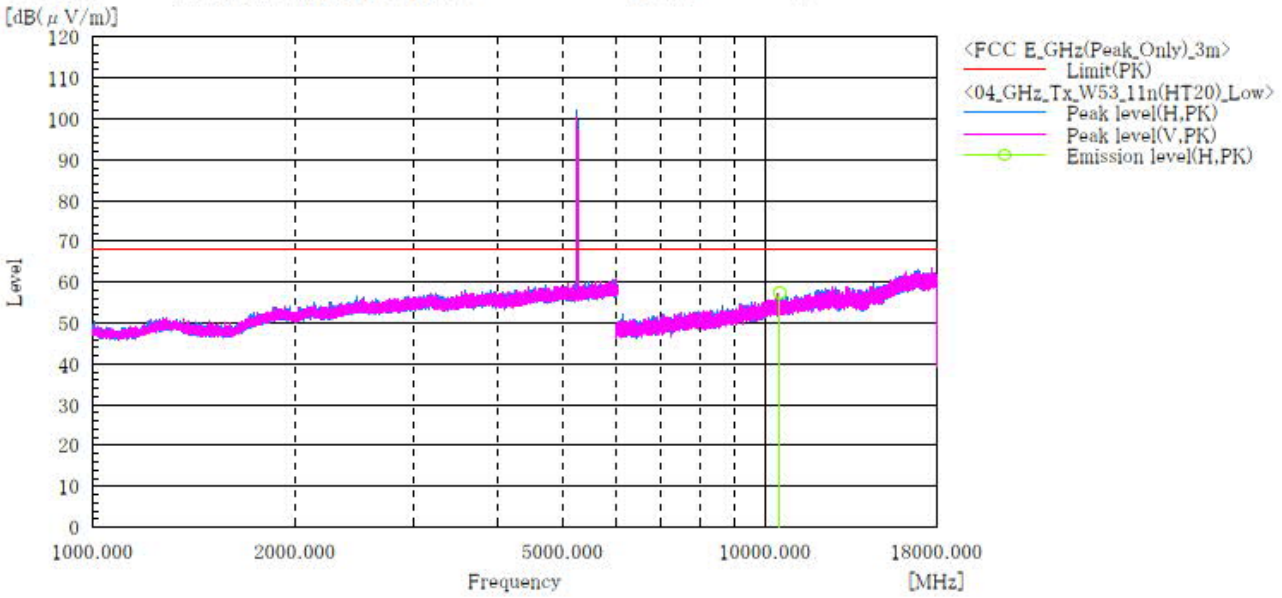
Final Result

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

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

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: E81147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:52_5260MHz
Test mode	: WLAN_W53_11n(HT20)_Tx_Low	Note2	:



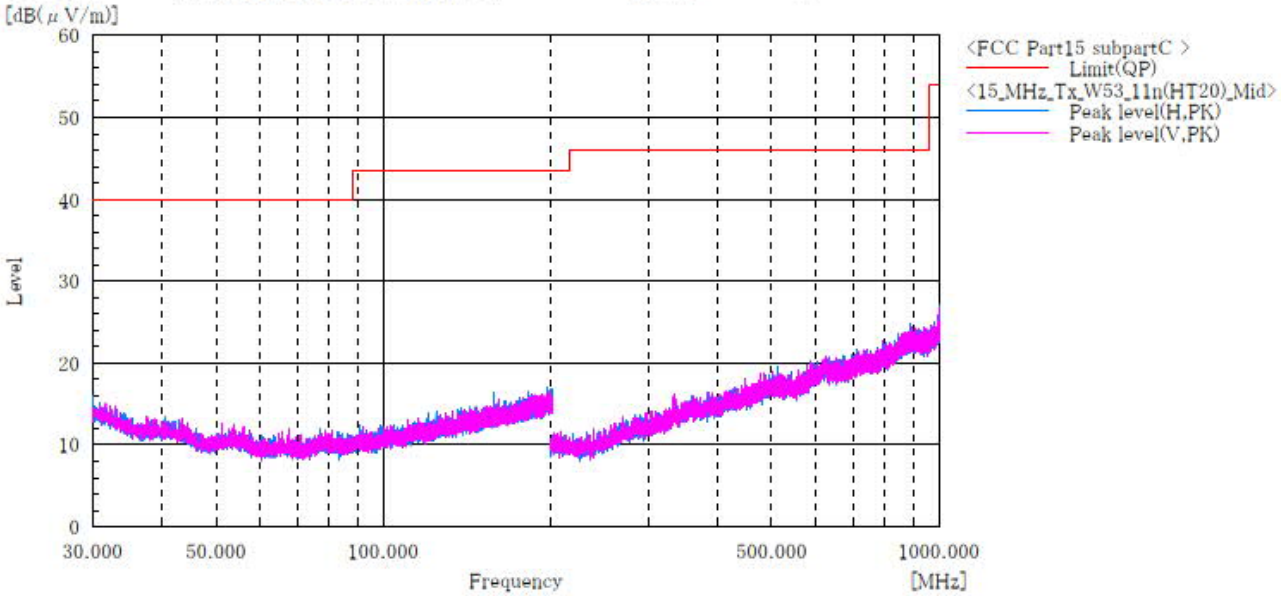
Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10520.000	H	46.3	11.2	57.5	68.2	10.7	100.0	114.0	

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)]
5.3 GHz Band / Channel Middle
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Sajto
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:56 5280MHz
Test mode	: WLAN_11n(HT20)_W53_Tx_ch:Mid	Note2	:



Final Result

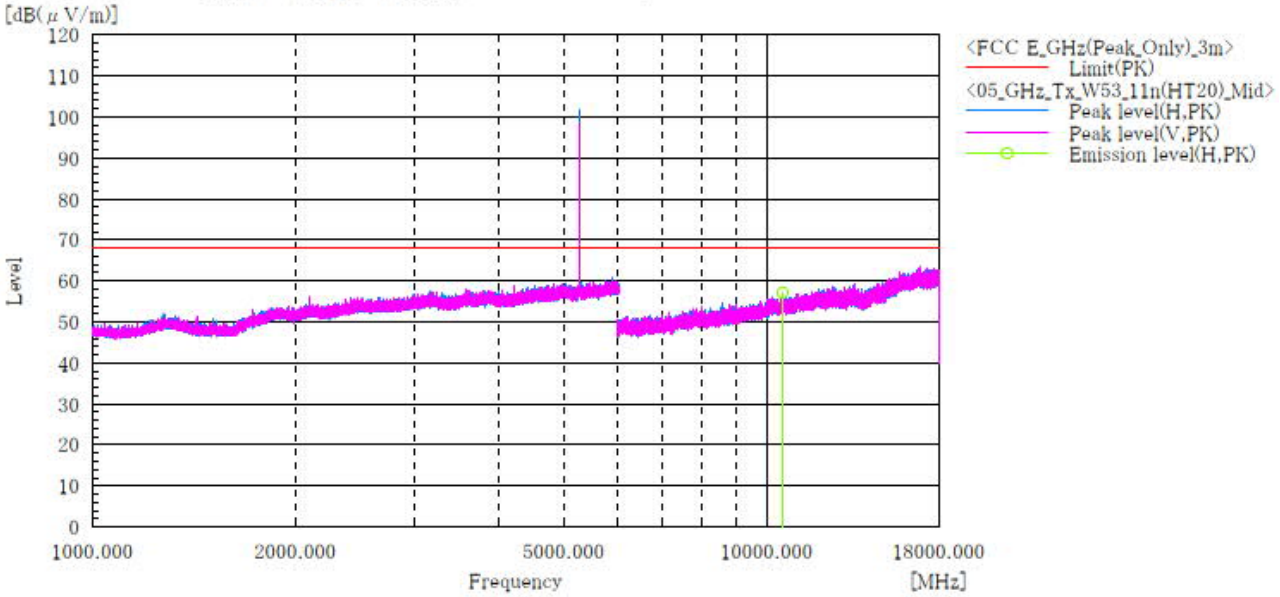
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

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

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:56_5280MHz
Test mode	: WLAN_W53_11n(HT20)_Tx_Mid	Note2	:



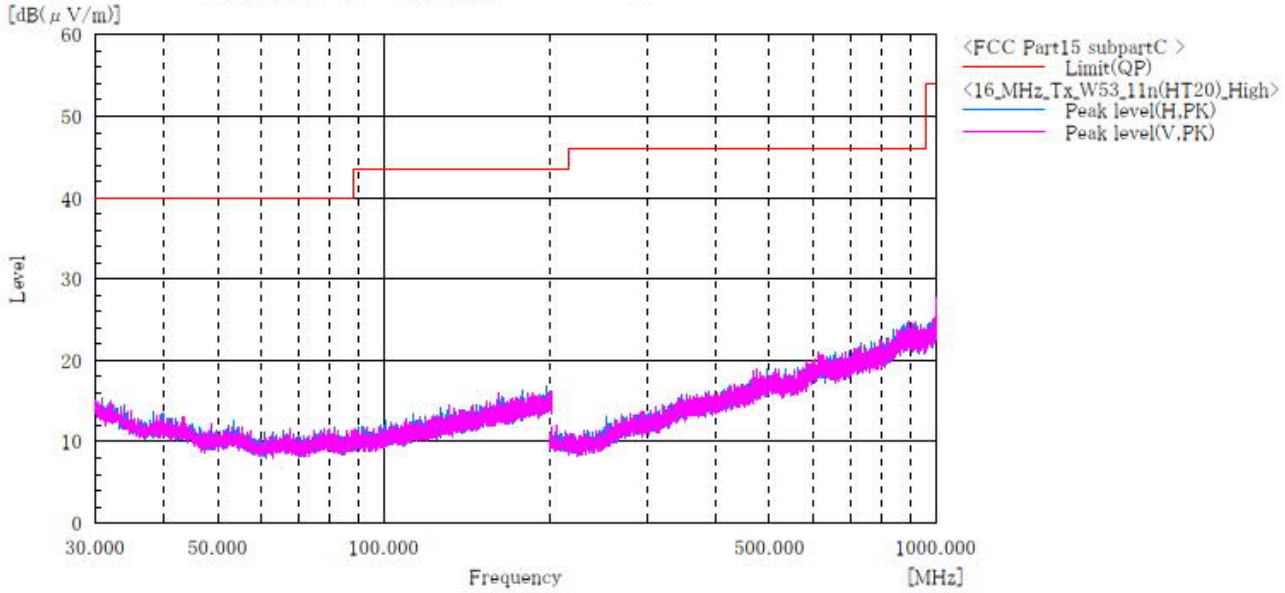
Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10560.000	H	46.0	11.2	57.2	68.2	11.0	100.0	107.0	

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)]
5.3 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:64 5320MHz
Test mode	: WLAN_11n(HT20)_W53_Tx_ch:High	Note2	:



Final Result

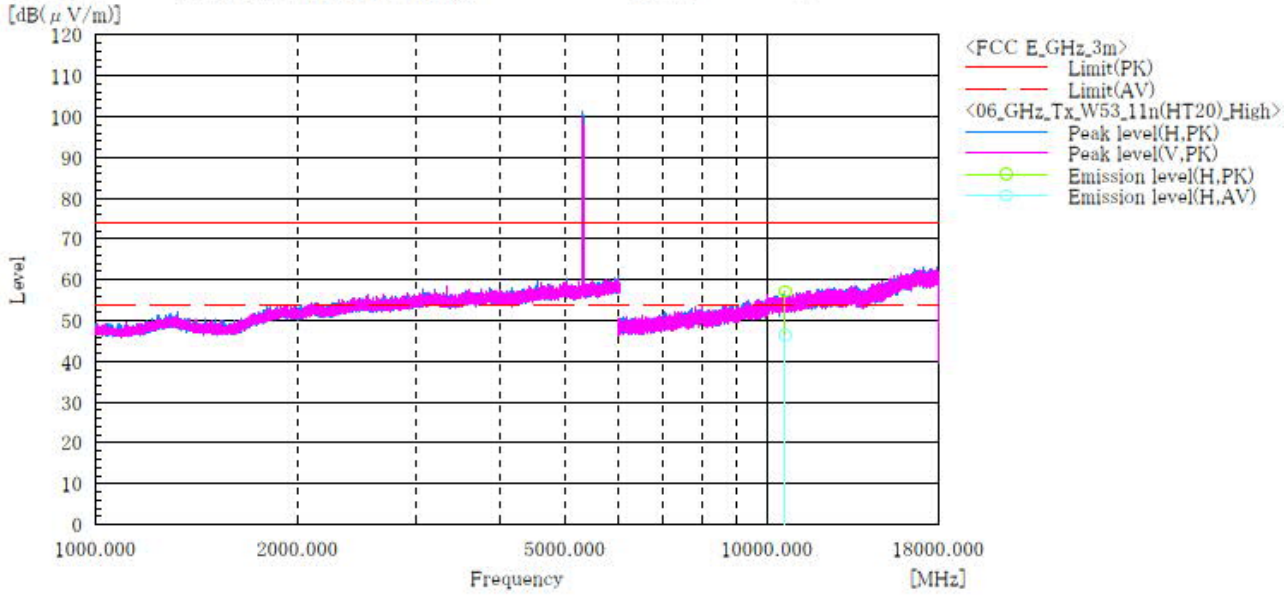
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

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

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:64_5320MHz
Test mode	: WLAN_W53_11n(HT20)_Tx_High	Note2	:



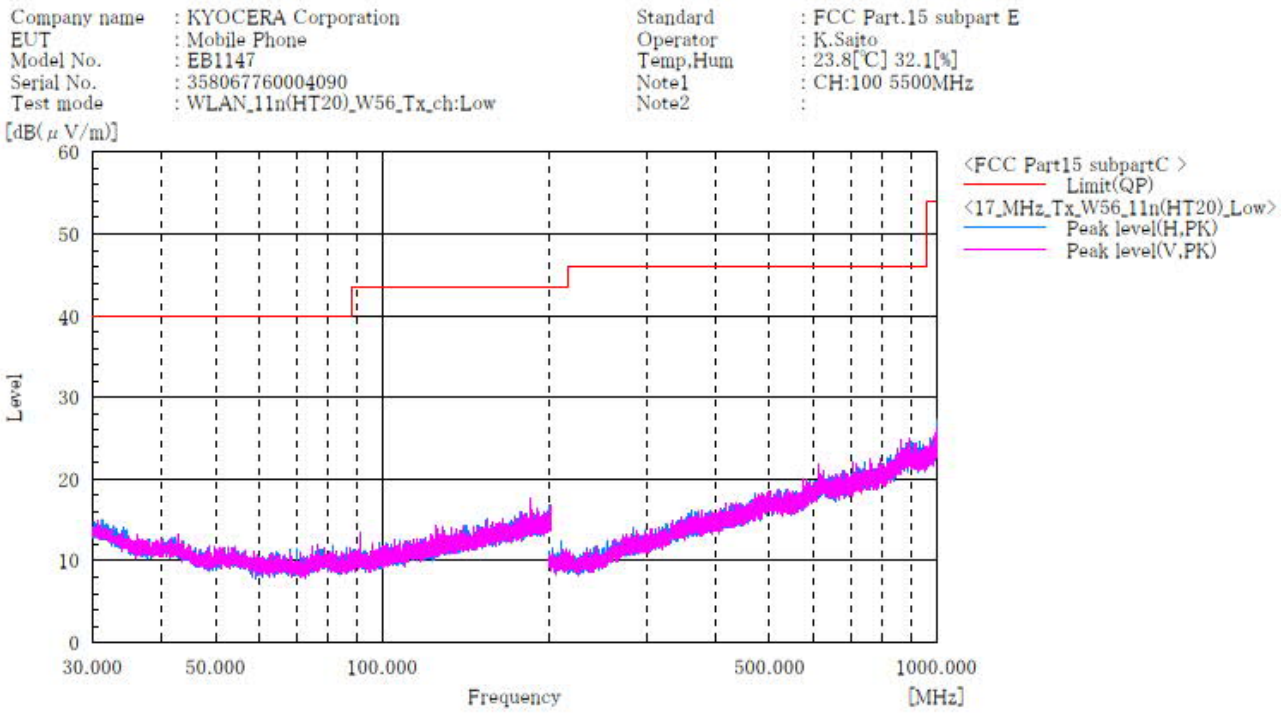
Final Result

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	45.9	35.1	11.3	57.2	46.4	74.0	54.0	16.8	7.6	100.0	107.0	

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.

Japan

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



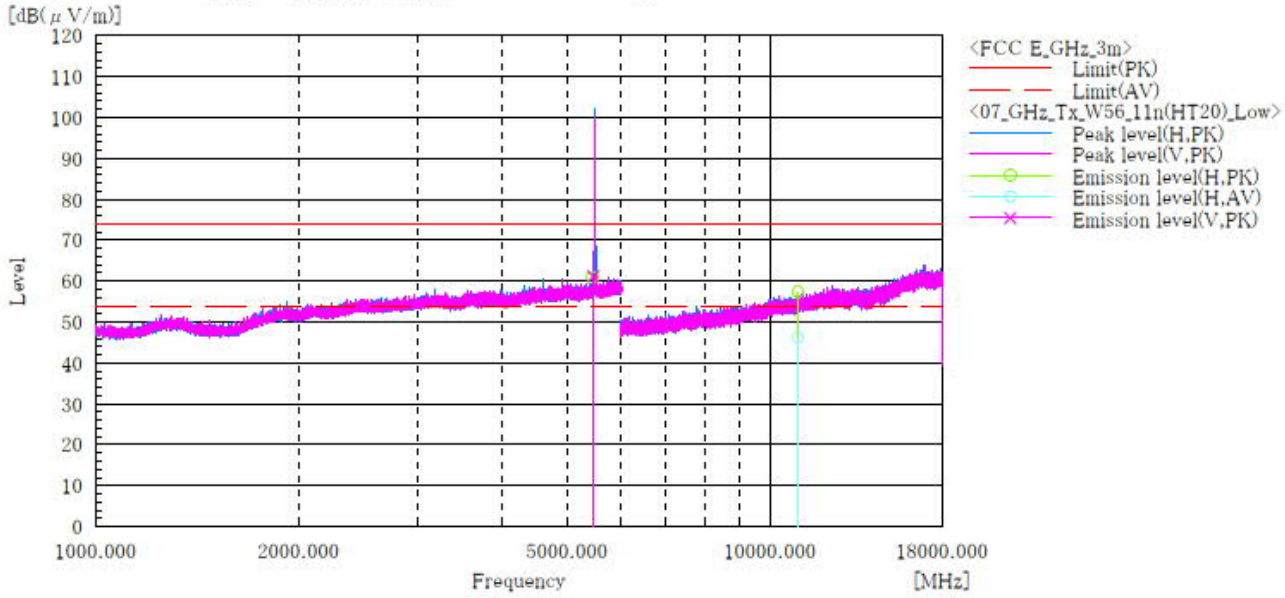
Final Result

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

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

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 23.3[℃] 26.7[%]
Serial No.	: 358067760004090	Note1	: ch:100_5500MHz
Test mode	: WLAN_W56_11n(HT20)_Tx_Low	Note2	:



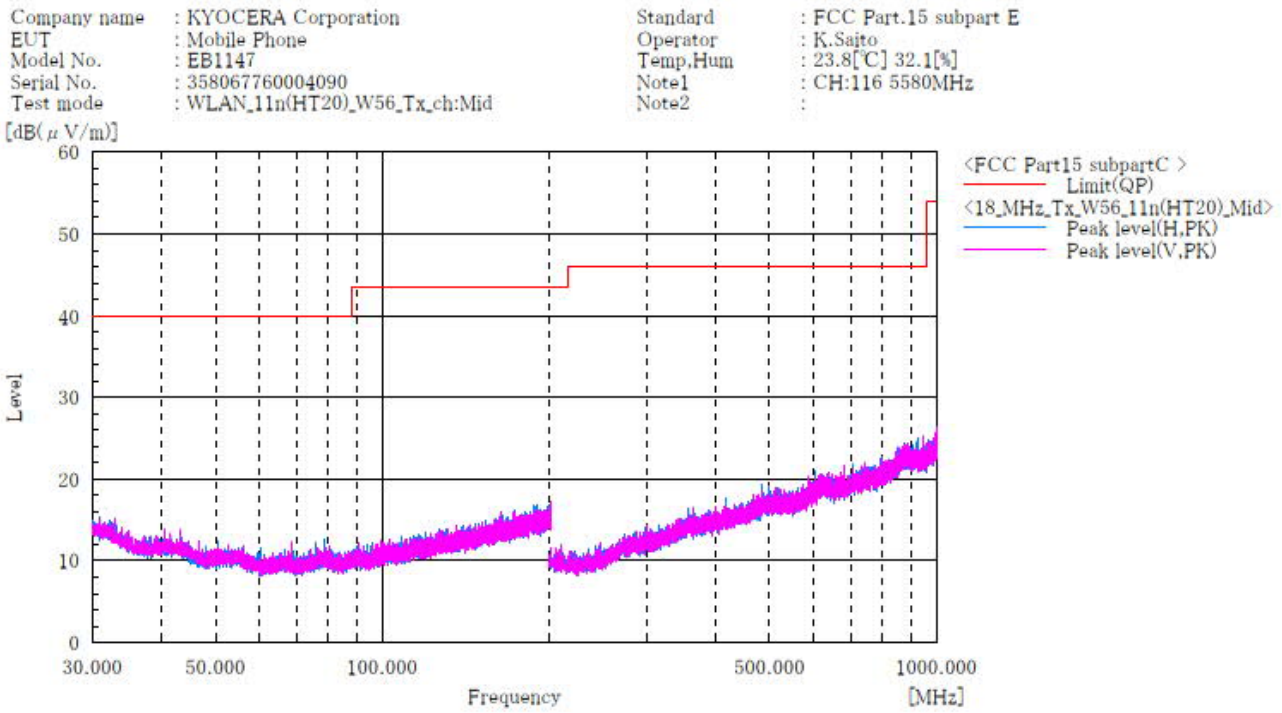
Final Result

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	5462.600	H	49.6	--------	11.4	61.0	--------	68.2	54.0	7.2	--------	188.0	115.0	
2	5469.500	V	49.8	--------	11.4	61.2	--------	68.2	54.0	7.0	--------	100.0	153.0	
3	11000.000	H	45.6	34.4	11.8	57.4	46.2	74.0	54.0	16.6	7.8	100.0	114.0	

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)]
5.6 GHz Band / Channel Middle
BELOW 1GHz

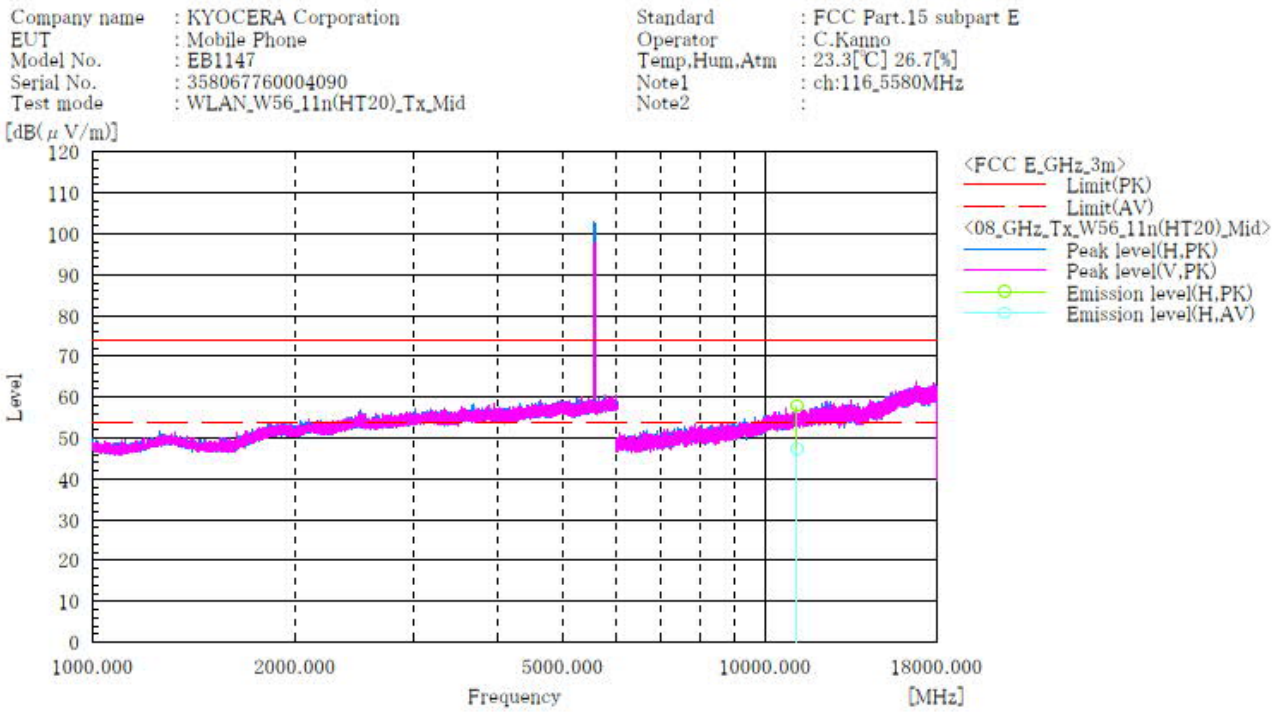


Final Result

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

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



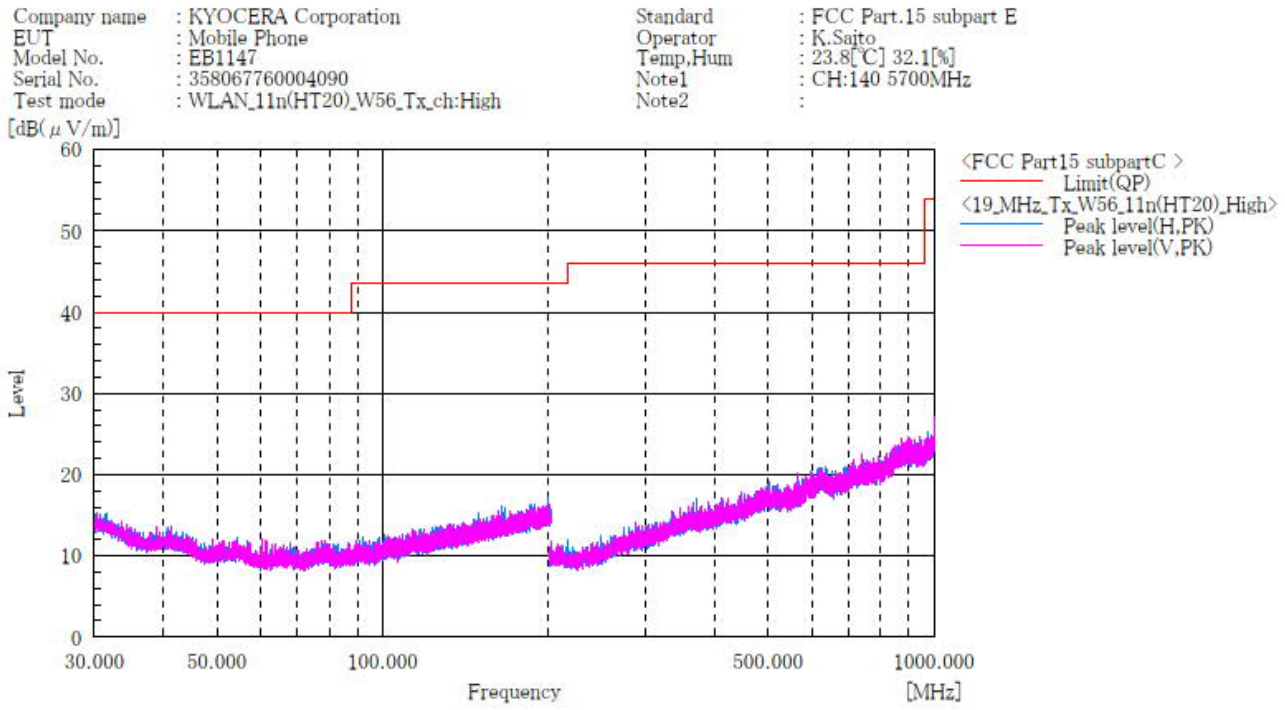
Final Result

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	11160.000	H	46.1	35.4	11.9	58.0	47.3	74.0	54.0	16.0	6.7	100.0	143.0	

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)]
5.6 GHz Band / Channel High
BELOW 1GHz



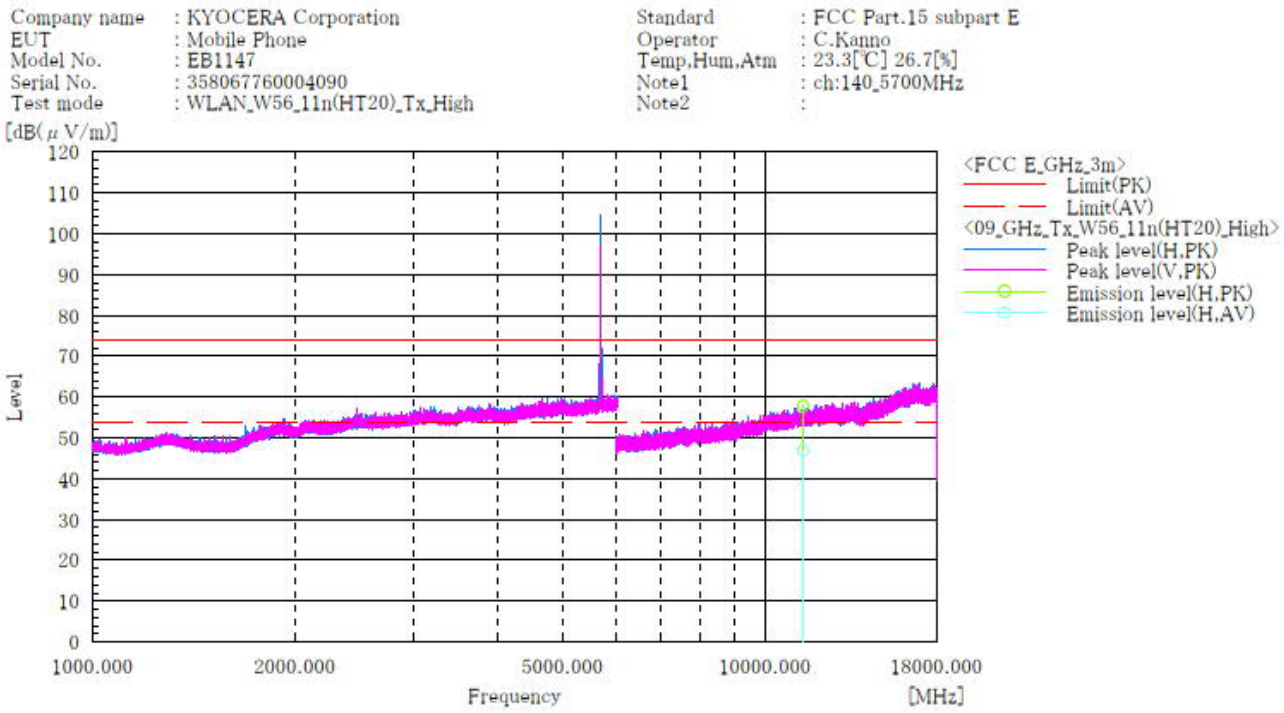
Final Result

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

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



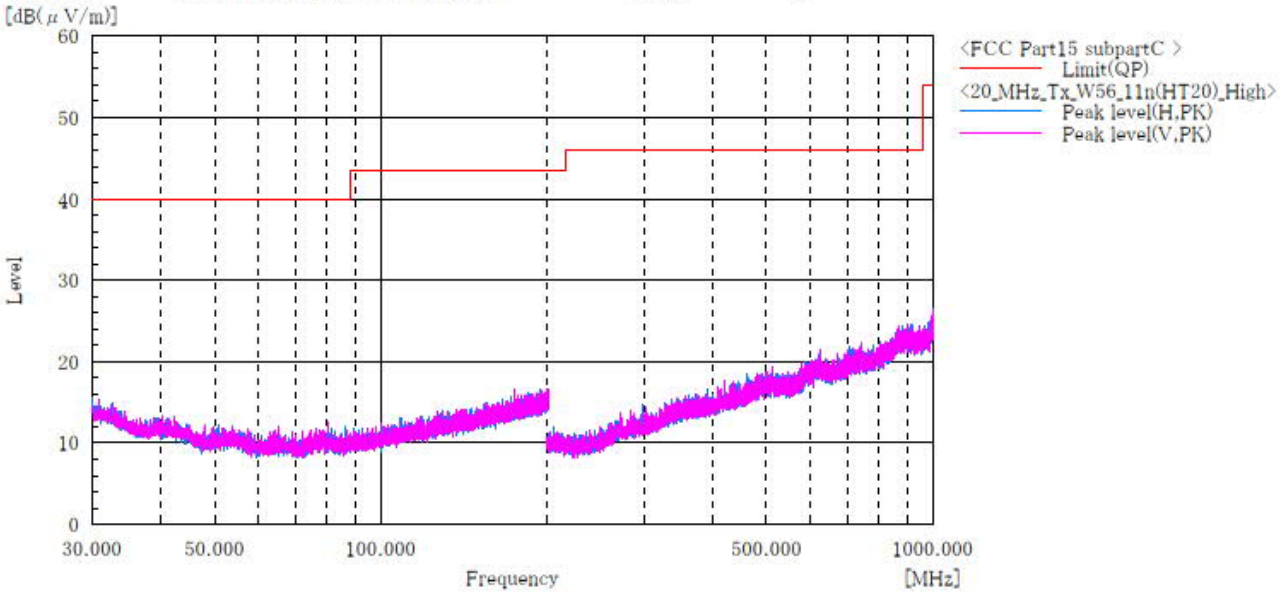
Final Result

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	11400.000	H	45.6	34.7	12.2	57.8	46.9	74.0	54.0	16.2	7.1	100.0	144.0	

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)]
5.6 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[°C] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:144 5720MHz
Test mode	: WLAN_11n(HT20)_W56_Tx_ch:High	Note2	:



Final Result

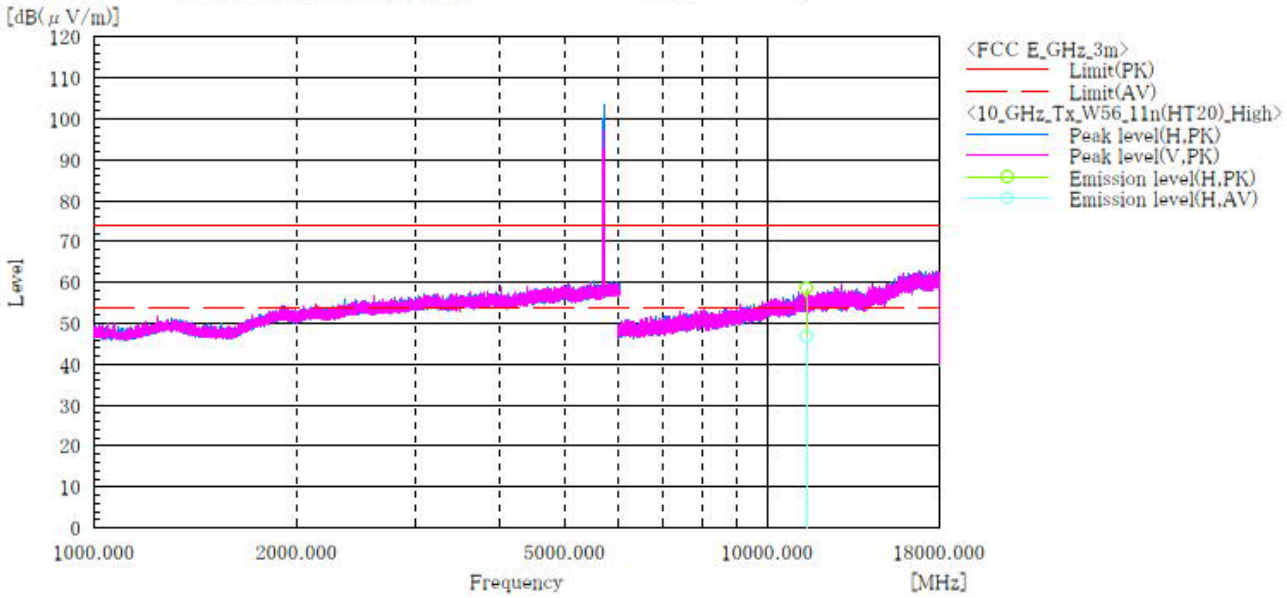
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

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

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1147
Serial No. : 358067760004090
Test mode : WLAN_W56_11n(HT20)_Tx_High

Standard : FCC Part.15 subpart E
Operator : C.Kanno
Temp,Hum,Atm : 23.3[℃] 26.7[%]
Note1 : ch:144_5720MHz
Note2 :



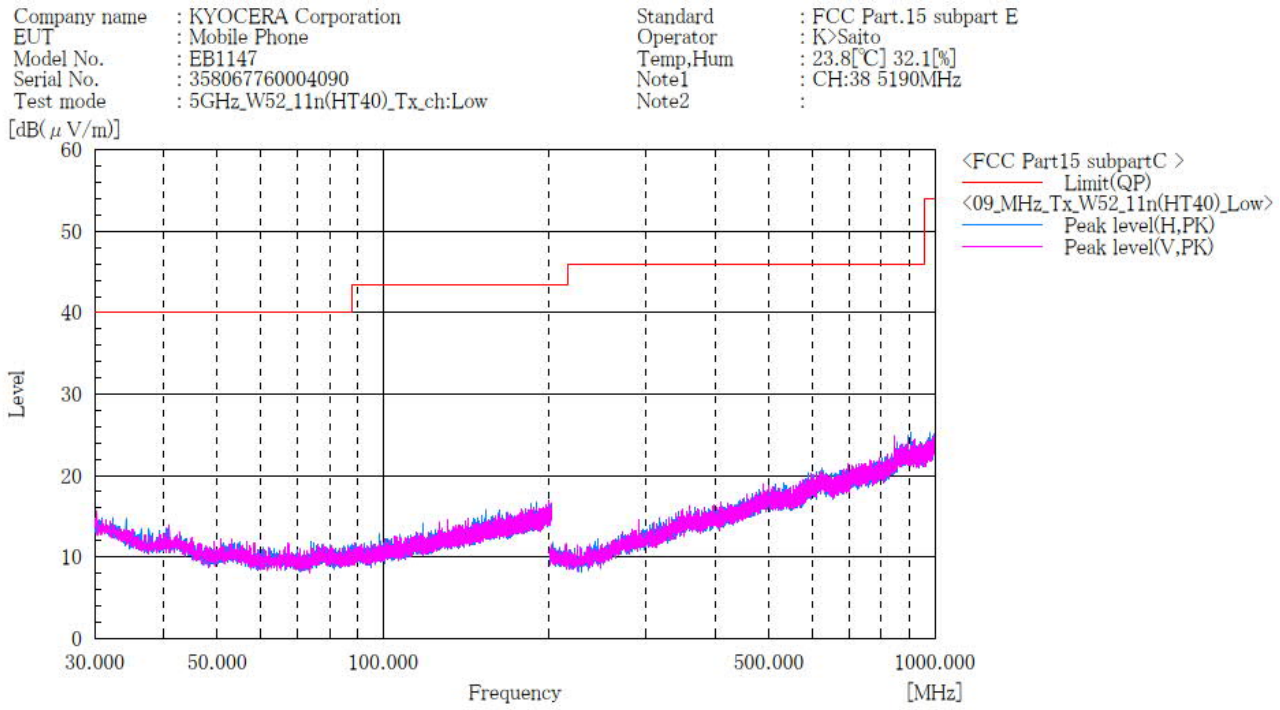
Final Result

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	11440.000	H	46.6	34.7	12.2	58.8	46.9	74.0	54.0	15.2	7.1	100.0	153.0	

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.

Japan

[11n(HT40)]
5.2 GHz Band / Channel Low
BELOW 1GHz



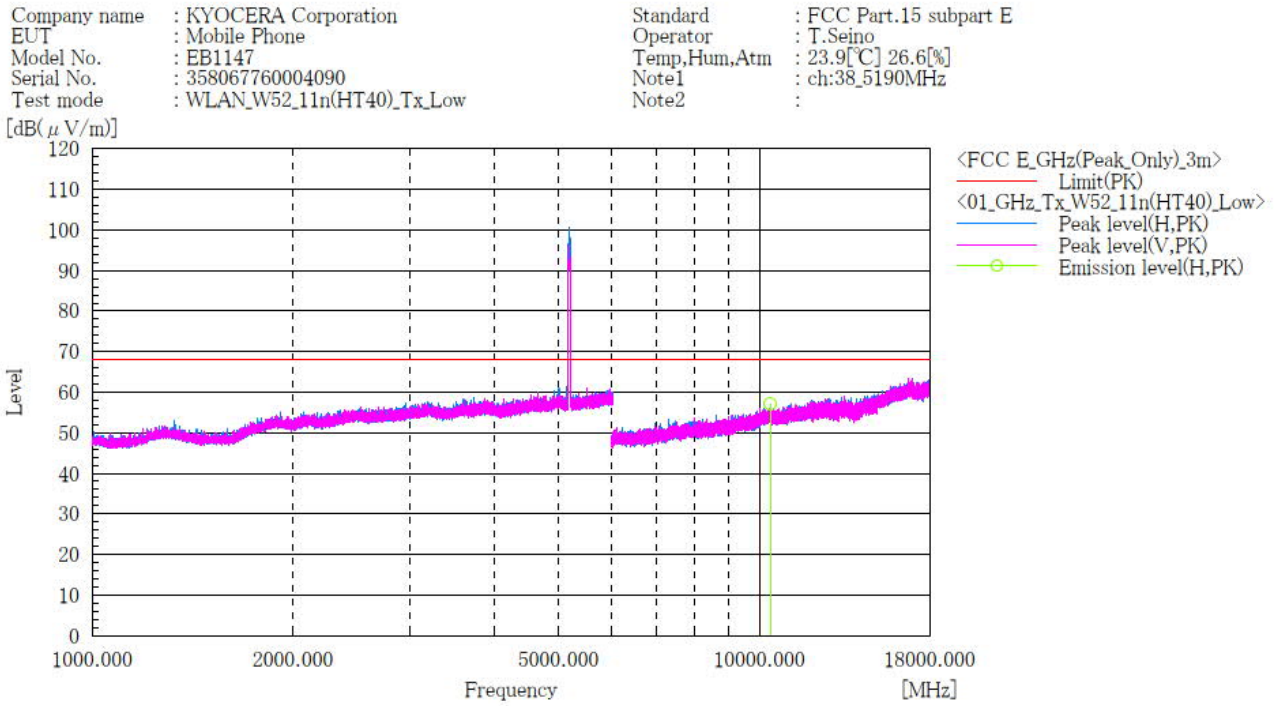
Final Result

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

[11n(HT40)]
5.2 GHz Band / Channel Low
ABOVE 1GHz



Final Result

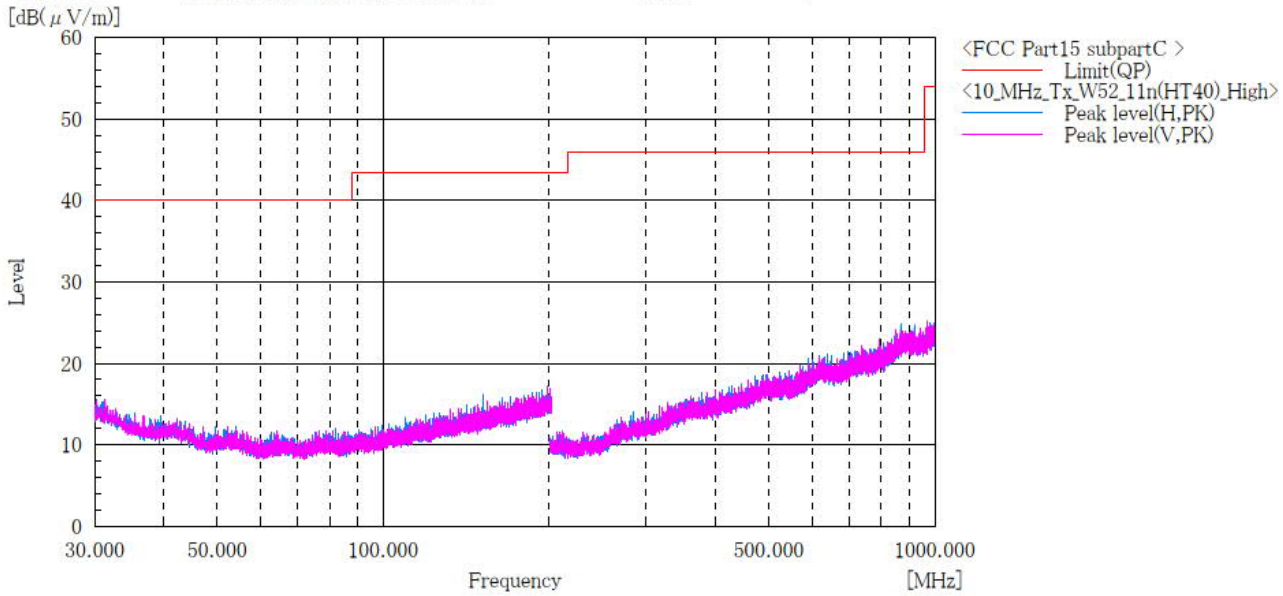
No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10380.000	H	46.0	11.1	57.1	68.2	11.1	100.0	119.0	

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(HT40)]
5.2 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.8[℃] 32.1[%]
Serial No.	: 358067760004090	Note1	: CH:46 5230MHz
Test mode	: 5GHz_W52_11n(HT40)_Tx_ch:High	Note2	:



Final Result

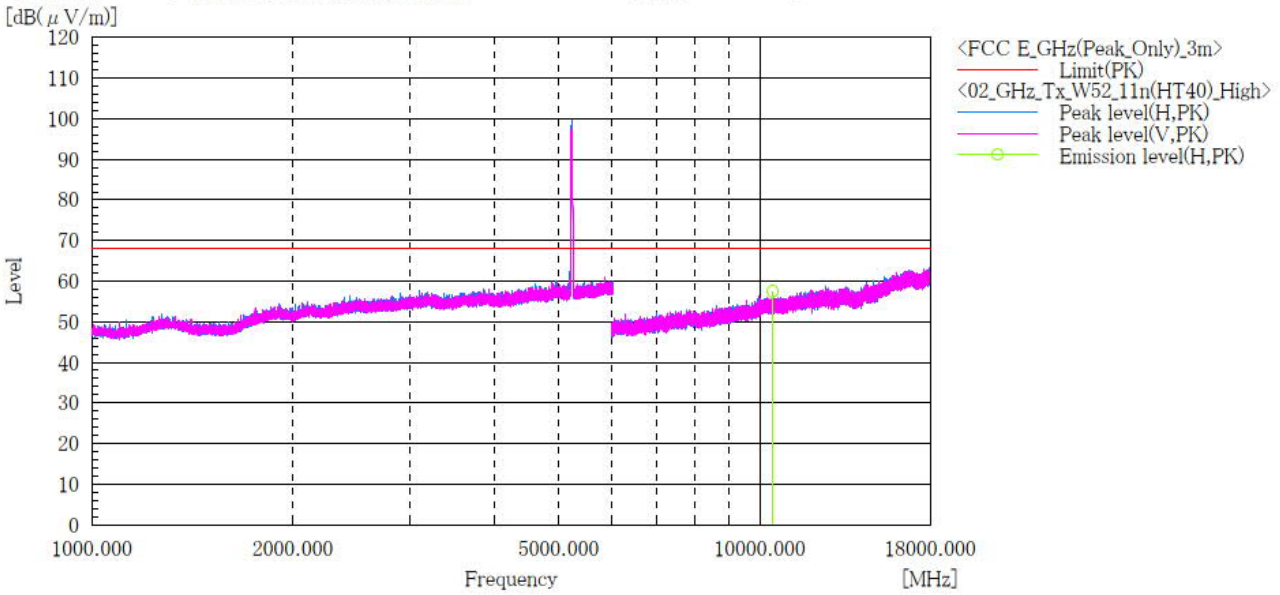
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

[11n(HT40)]
5.2 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:46_5230MHz
Test mode	: WLAN_W52_11n(HT40)_Tx_High	Note2	:

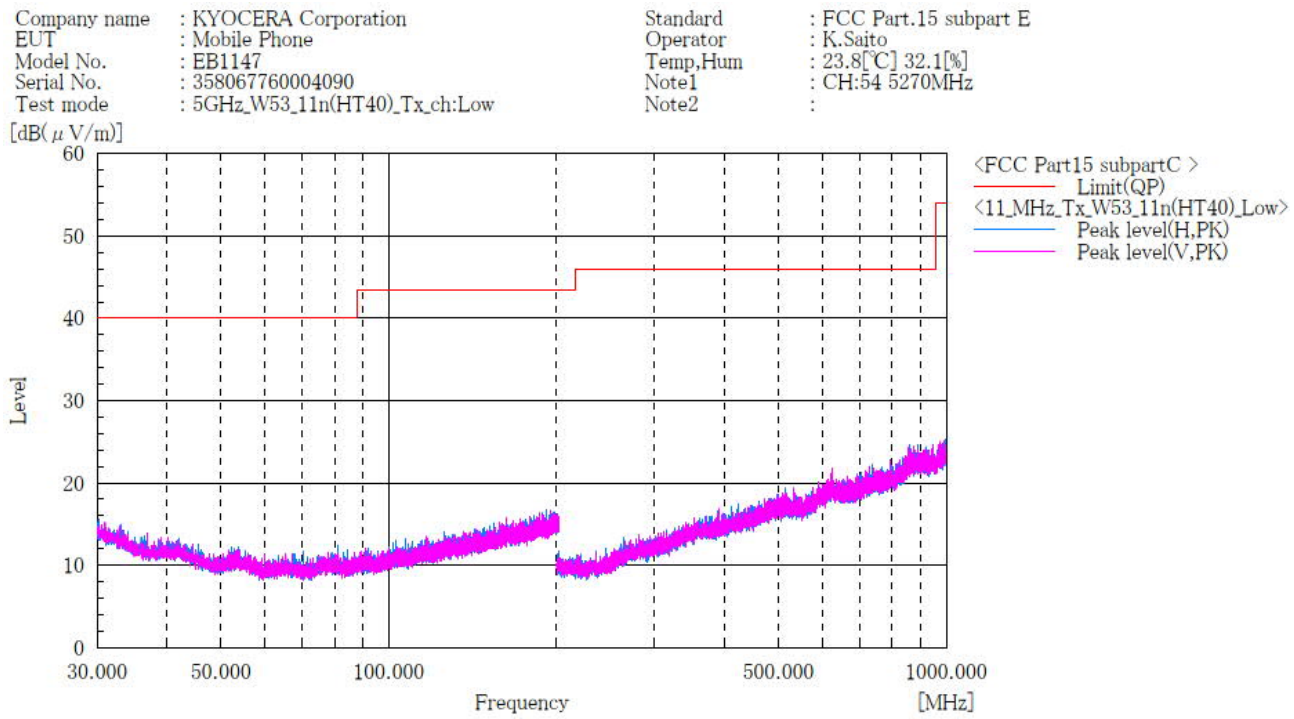


Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10460.000	H	46.3	11.2	57.5	68.2	10.7	100.0	116.0	

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(HT40)]
5.3 GHz Band / Channel Low
BELOW 1GHz



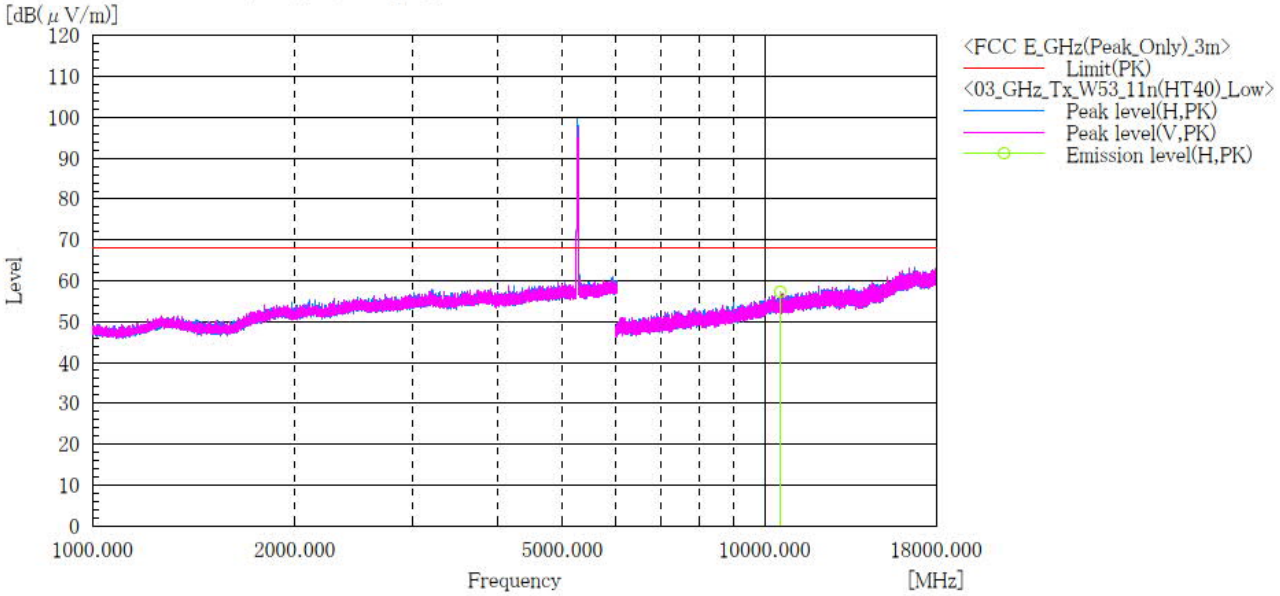
Final Result

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

[11n(HT40)]
5.3 GHz Band / Channel Low
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart C
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:54_5270MHz
Test mode	: WLAN_W53_11n(HT40)_Tx_Low	Note2	:

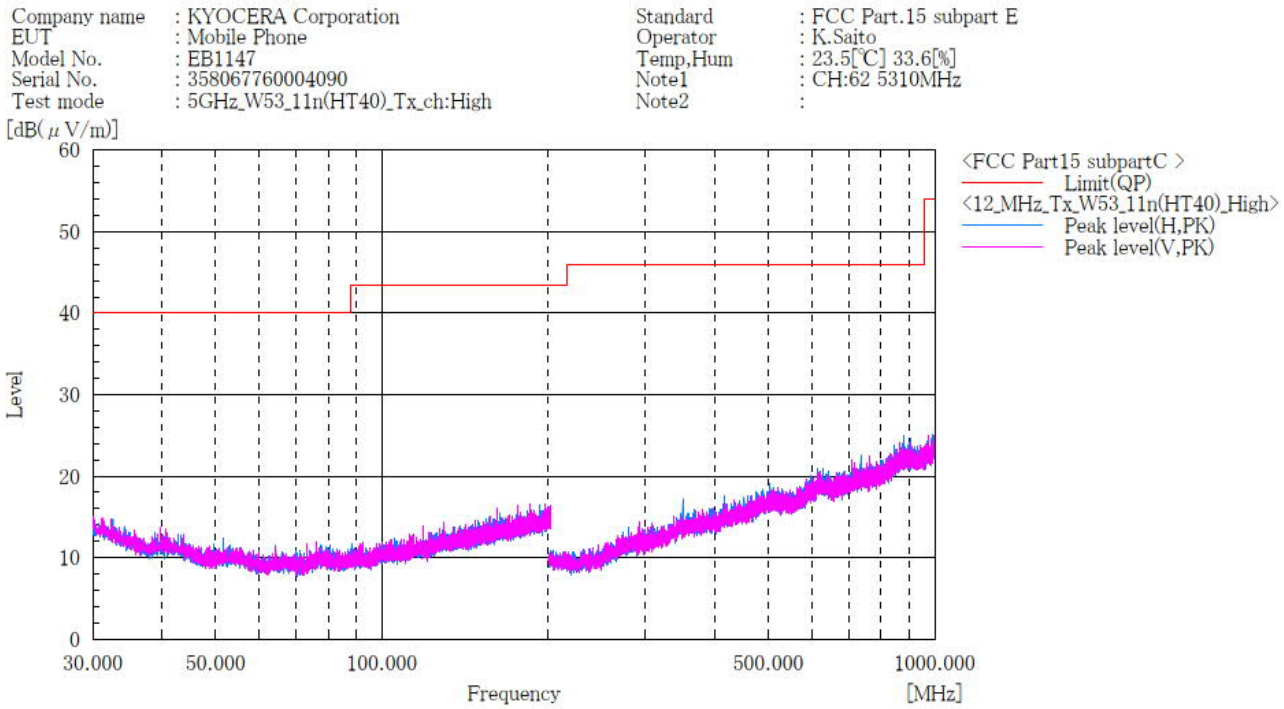


Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10540.000	H	46.1	11.2	57.3	68.2	10.9	100.0	119.0	

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(HT40)]
5.3 GHz Band / Channel High
BELOW 1GHz



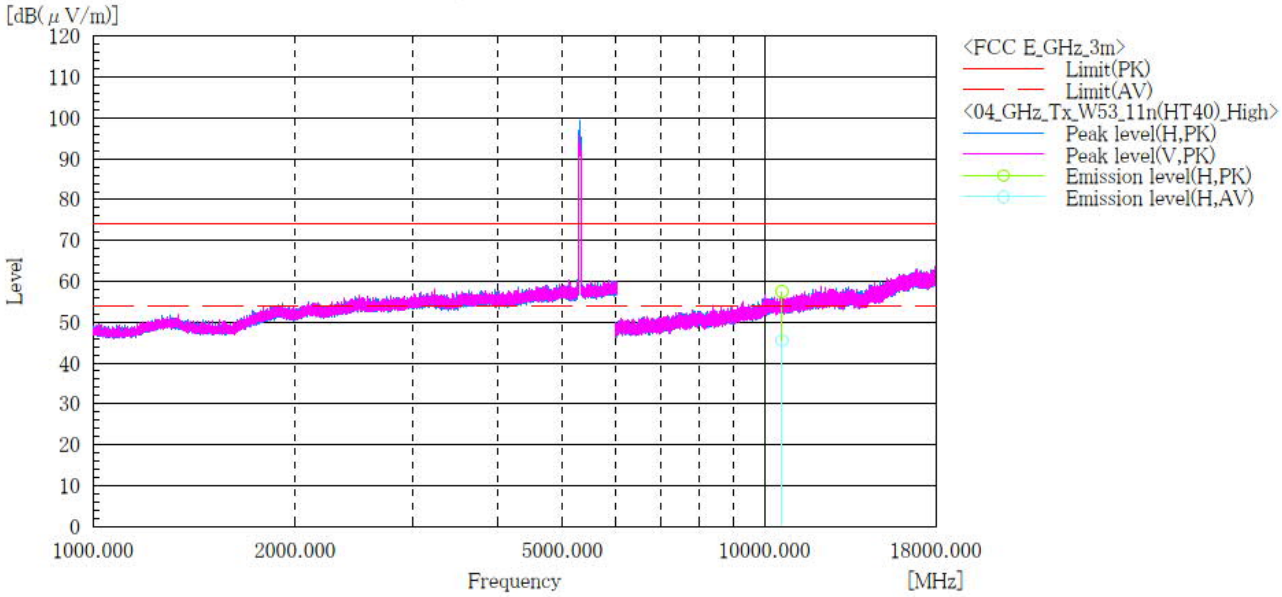
Final Result

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

[11n(HT40)]
5.3 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart C
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:62_5310MHz
Test mode	: WLAN_W53_11n(HT40)_Tx_High	Note2	:



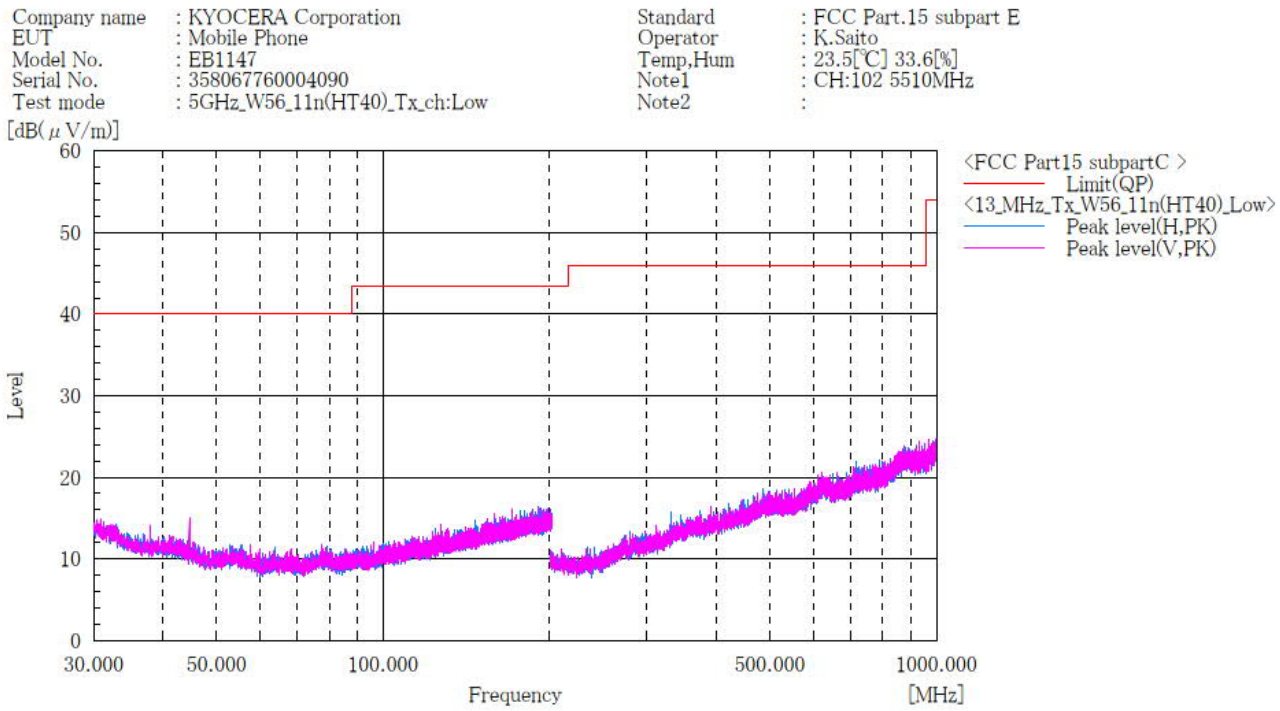
Final Result

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	10620.000	H	46.2	34.2	11.3	57.5	45.5	74.0	54.0	16.5	8.5	137.0	119.0	

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(HT40)]
5.6 GHz Band / Channel Low
BELOW 1GHz



Final Result

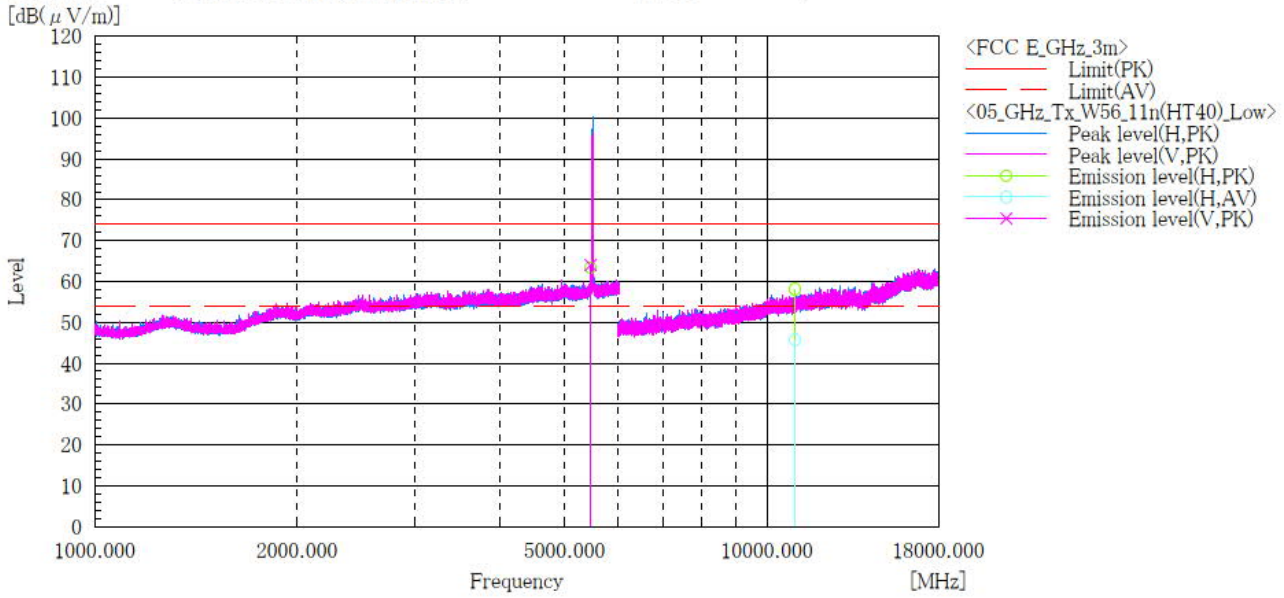
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

[11n(HT40)]
5.6 GHz Band / Channel Low
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:102_5510MHz
Test mode	: WLAN_W56_11n(HT40)_Tx_Low	Note2	:

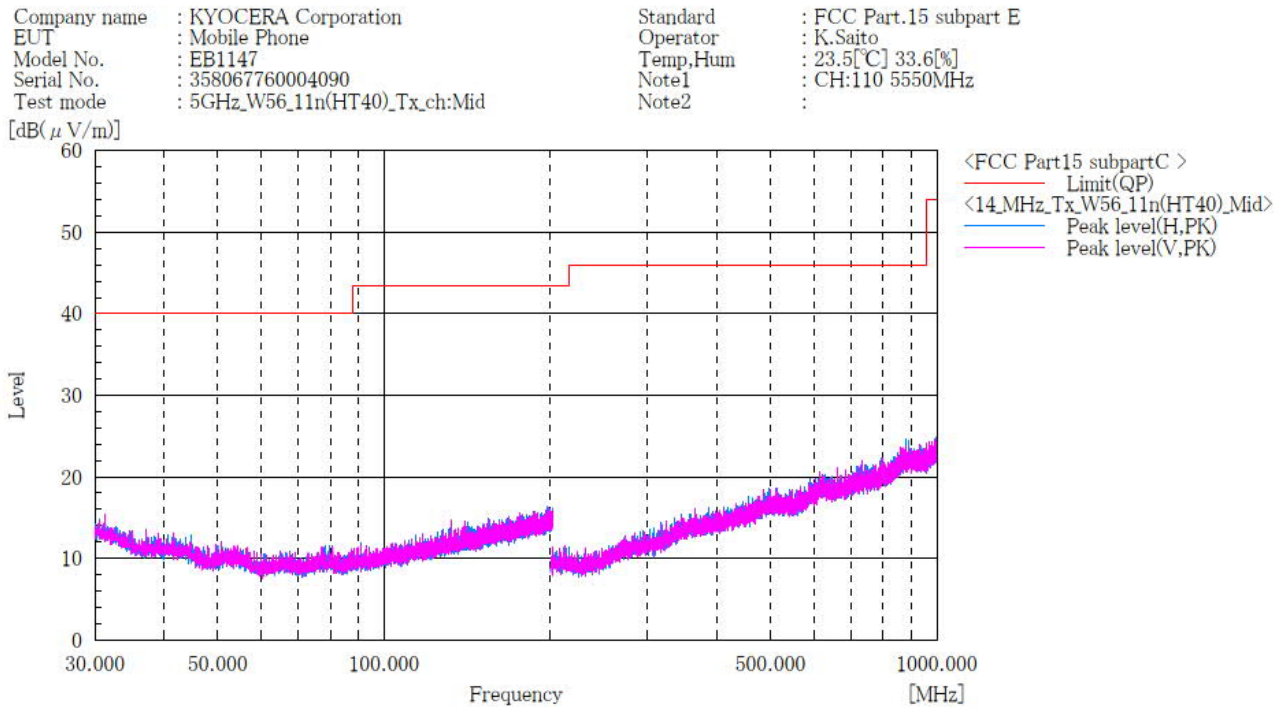


Final Result

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	5464.220	H	52.0	--------	11.4	63.4	--------	68.2	54.0	4.8	--------	142.0	124.0	
2	5467.200	V	52.6	--------	11.4	64.0	--------	68.2	54.0	4.2	--------	142.0	124.0	
3	11020.000	H	46.3	33.9	11.8	58.1	45.7	74.0	54.0	15.9	8.3	100.0	122.0	

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(HT40)]
5.6 GHz Band / Channel Middle
BELOW 1GHz



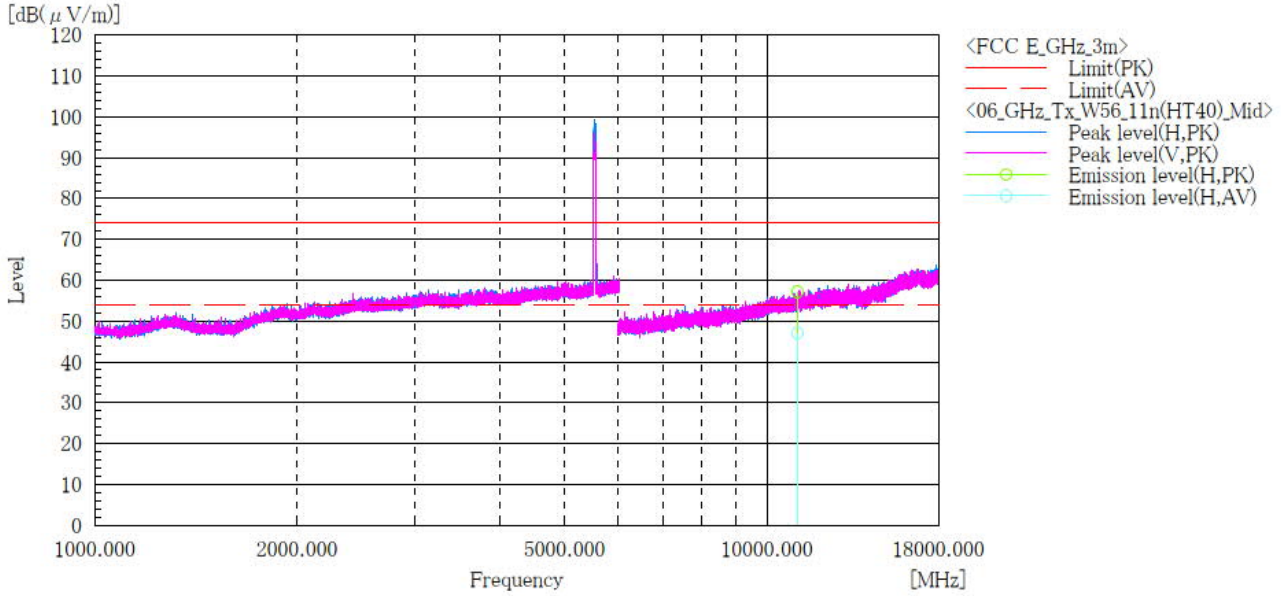
Final Result

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

[11n(HT40)]
5.6 GHz Band / Channel Middle
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:110_5550MHz
Test mode	: WLAN_W56_11n(HT40)_Tx_Mid	Note2	:



Final Result

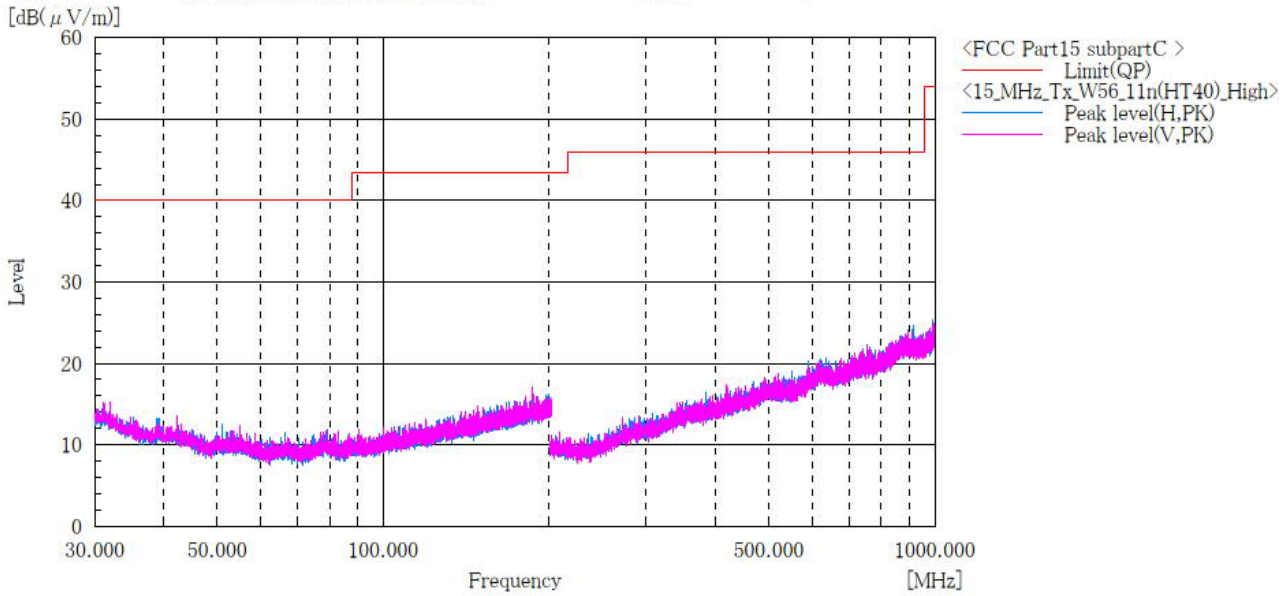
No.	Frequency	(P)	Reading PK	Reading AV	c.f	Result PK	Result AV	Limit PK	Limit AV	Margin PK	Margin AV	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	11100.000	H	45.3	35.1	11.9	57.2	47.0	74.0	54.0	16.8	7.0	100.0	150.0	

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(HT40)]
5.6 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:134 5670MHz
Test mode	: 5GHz_W56_11n(HT40)_Tx_ch:High	Note2	:



Final Result

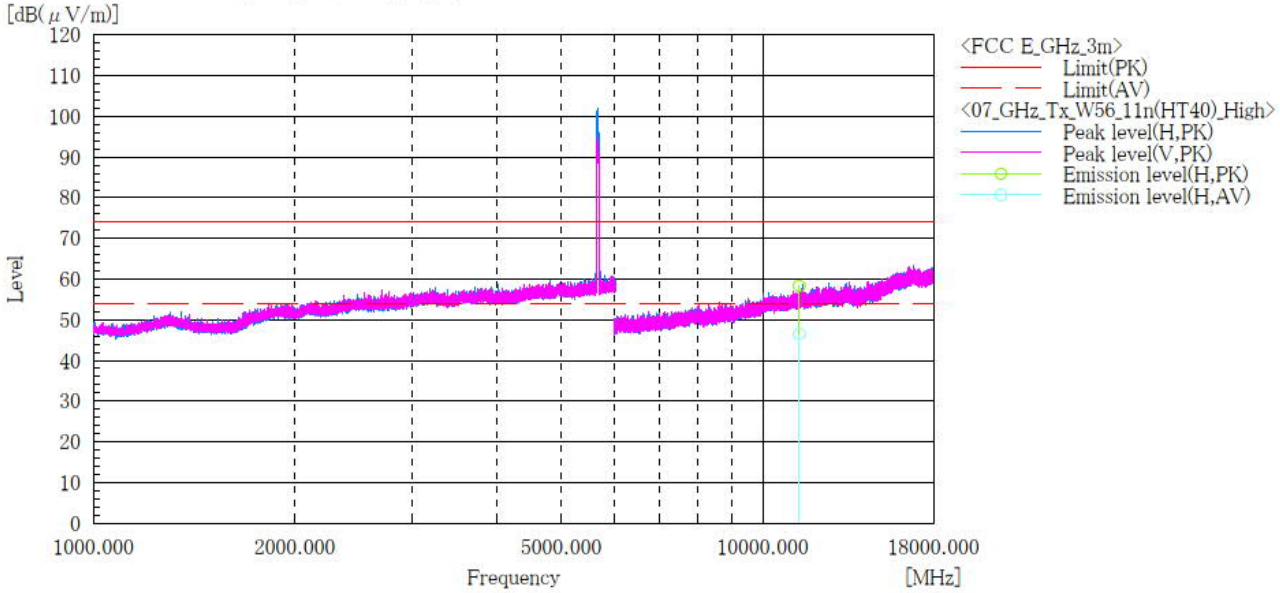
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

[11n(HT40)]
5.6 GHz Band / Channel High
ABOVE 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1147
Serial No. : 358067760004090
Test mode : WLAN_W56_11n(HT40)_Tx_High

Standard : FCC Part.15 subpart E
Operator : T.Seino
Temp,Hum,Atm : 23.9[℃] 26.6[%]
Note1 : ch:134_5670MHz
Note2 :

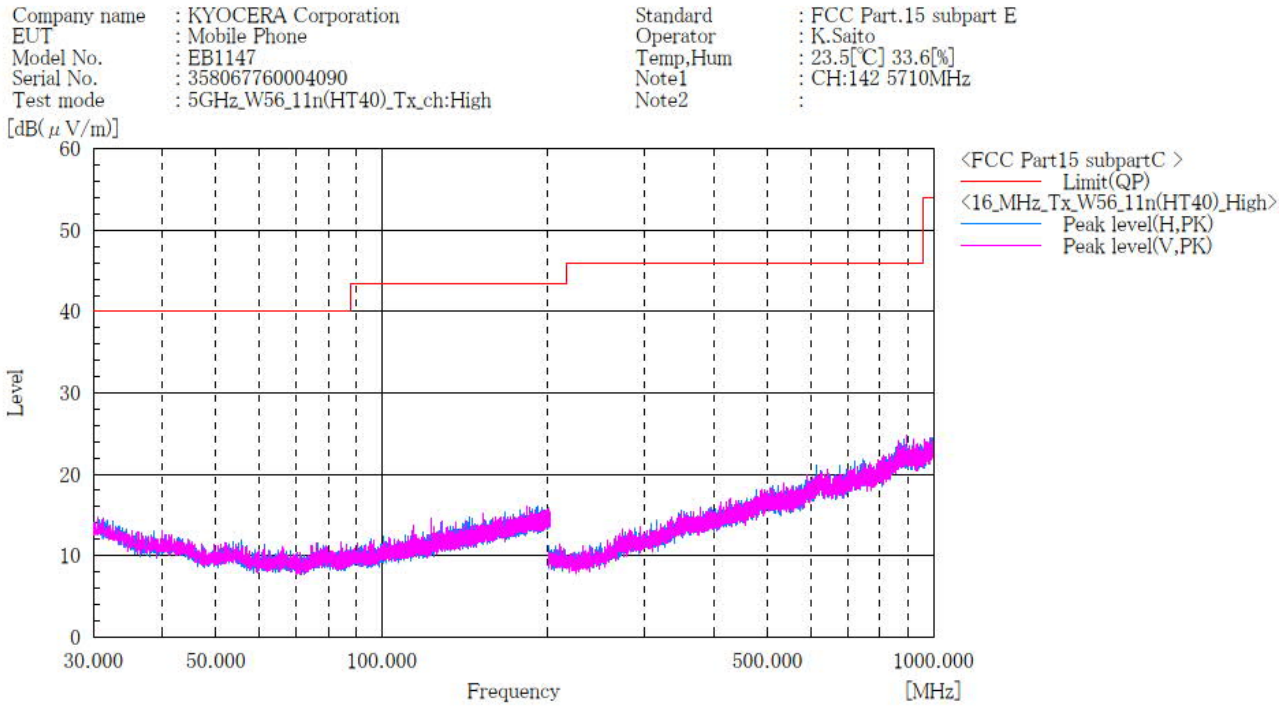


Final Result

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	11340.000	H	46.1	34.3	12.2	58.3	46.5	74.0	54.0	15.7	7.5	100.0	152.0	

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(HT40)]
5.6 GHz Band / Channel High
BELOW 1GHz



Final Result

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

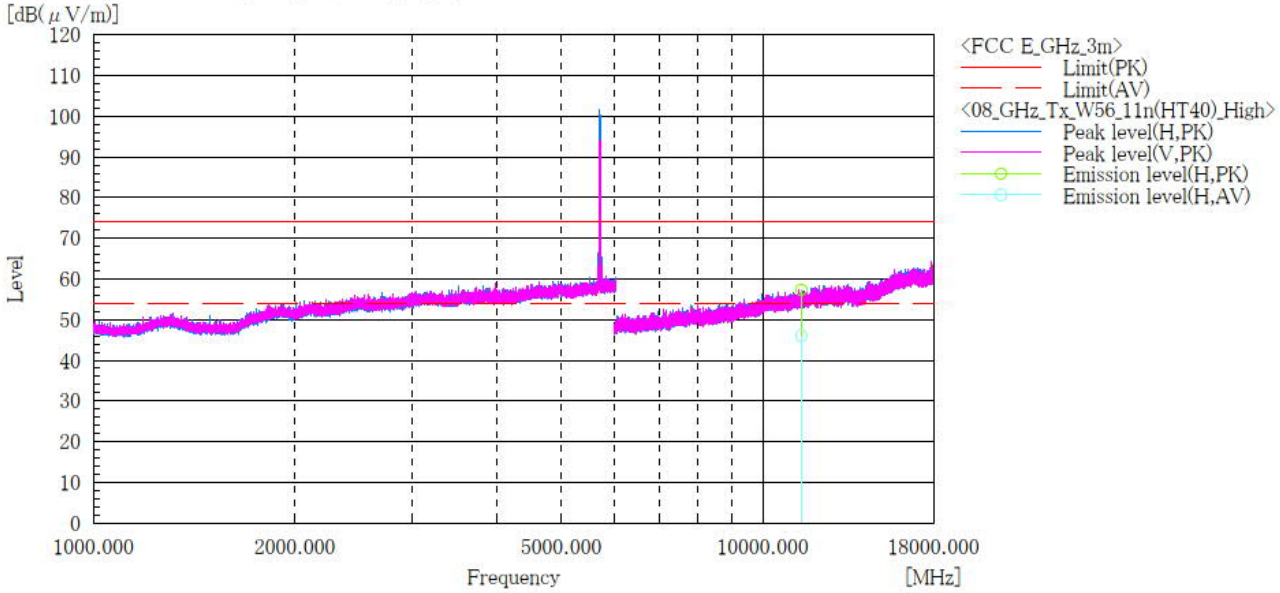
Note:

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.

[11n(HT40)]
5.6 GHz Band / Channel High
ABOVE 1GHz

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1147
Serial No. : 358067760004090
Test mode : WLAN_W56_11n(HT40)_Tx_High

Standard : FCC Part.15 subpart E
Operator : T.Seino
Temp,Hum,Atm : 23.9[℃] 26.6[%]
Note1 : ch:142_5710MHz
Note2 :



Final Result

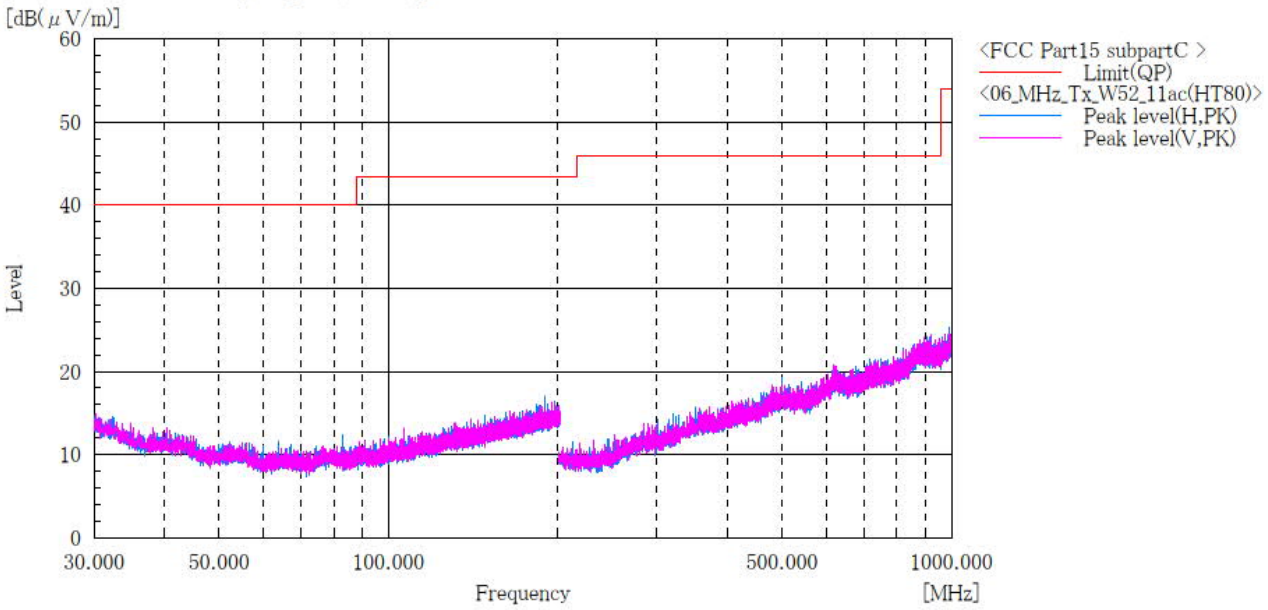
No.	Frequency	(P)	Reading PK	Reading AV	c.f	Result PK	Result AV	Limit PK	Limit AV	Margin PK	Margin AV	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	11420.000	H	45.2	33.9	12.2	57.4	46.1	74.0	54.0	16.6	7.9	100.0	149.0	

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.

Japan

[11ac(VHT80)]
5.2 GHz Band BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:42 5210MHz
Test mode	: 5GHz_W52_11ac(VHT80)_Tx	Note2	:



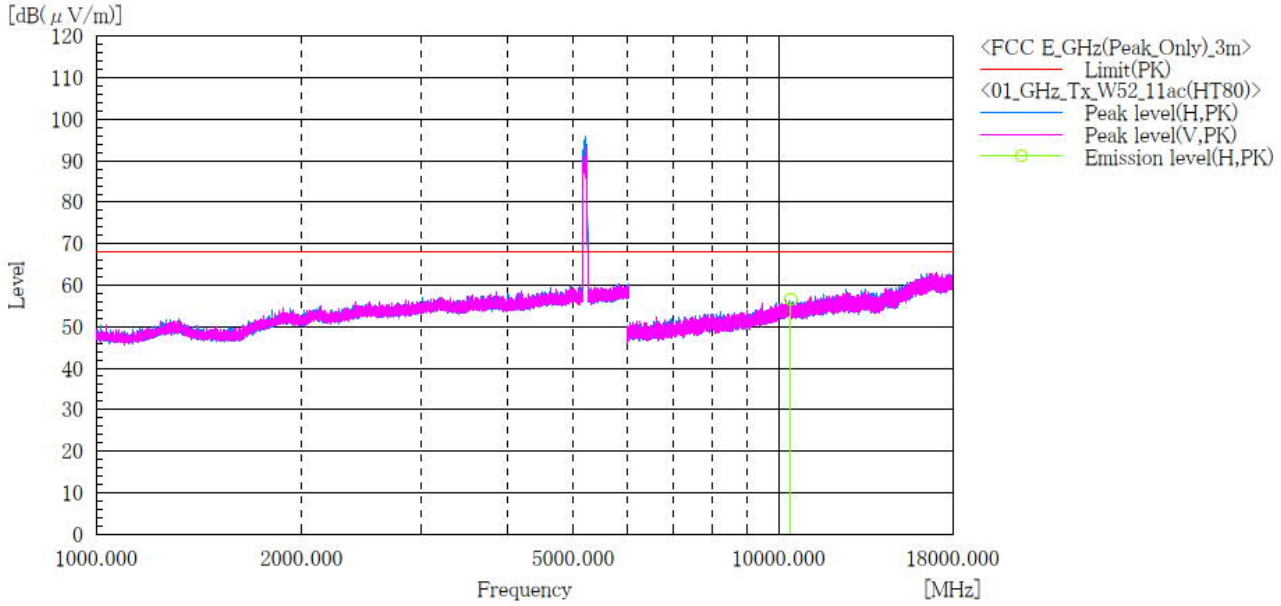
Final Result

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

[11ac(VHT80)]
5.2 GHz Band
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:42_5210MHz
Test mode	: WLAN_W52_11ac(VHT80)_Tx_Low	Note2	:



Final Result

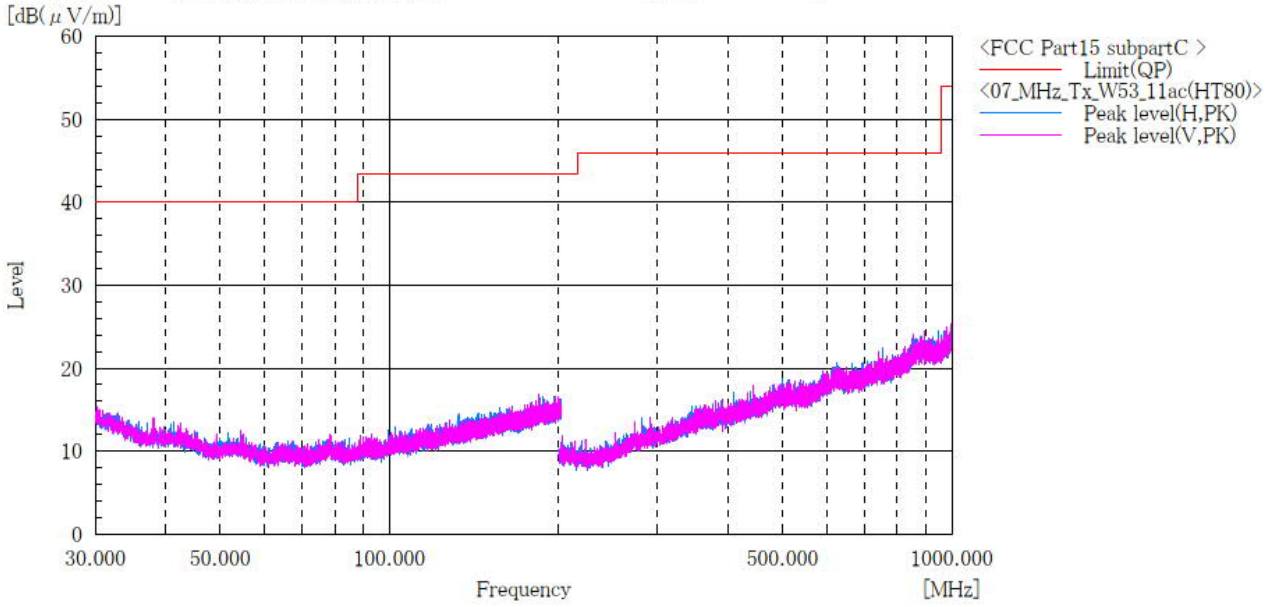
No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10420.000	H	45.5	11.1	56.6	68.2	11.6	100.0	114.0	

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.

Japan

[11ac(VHT80)]
5.3 GHz Band
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:58 5290MHz
Test mode	: 5GHz_W53_11ac(VHT80)_Tx	Note2	:



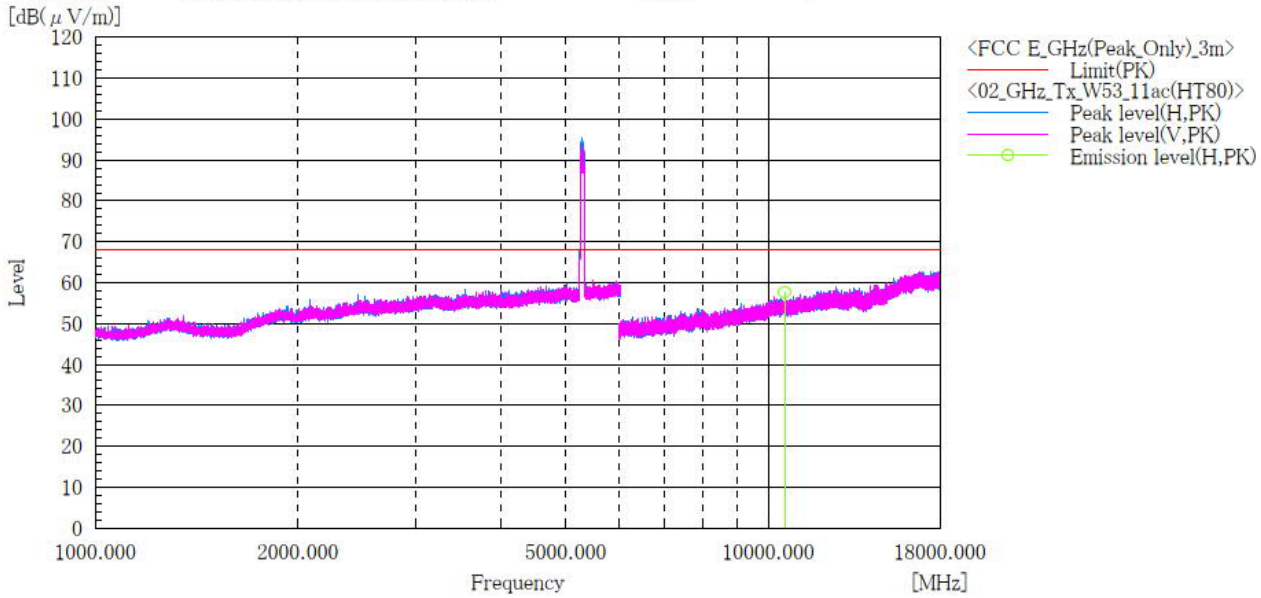
Final Result

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

[11ac(VHT80)]
5.3 GHz Band
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:58_5290MHz
Test mode	: WLAN_W53_11ac(VHT80)_Tx_Low	Note2	:



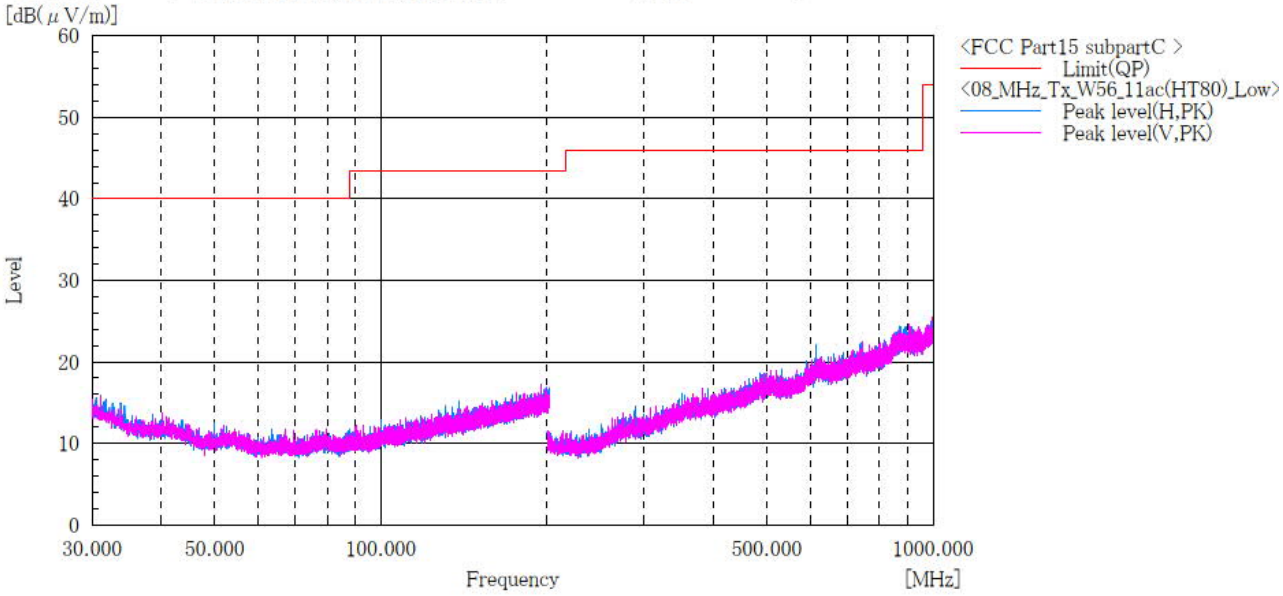
Final Result

No.	Frequency	(P)	Reading PK	c.f	Result PK	Limit PK	Margin PK	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[cm]	[°]	
1	10580.000	H	46.5	11.2	57.7	68.2	10.5	100.0	114.0	

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.

[11ac(VHT80)]
5.6 GHz Band / Channel Low
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:106 5530MHz
Test mode	: 5GHz_W56_11ac(VHT80)_Tx_ch:Low	Note2	:



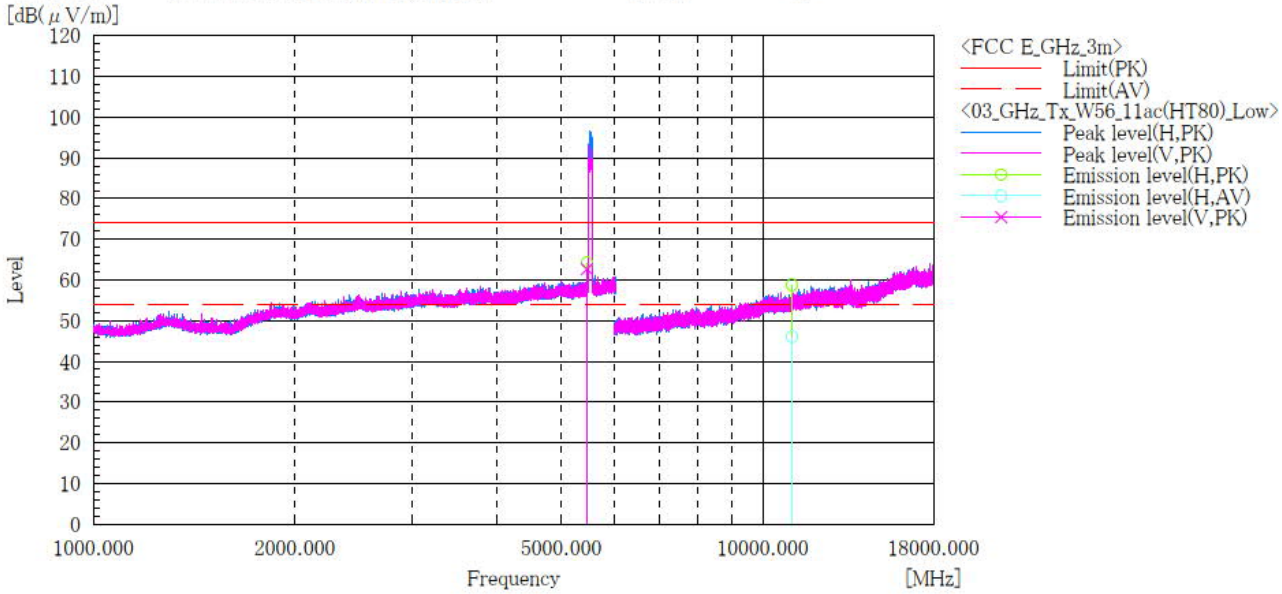
Final Result

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

[11ac(VHT80)]
5.6 GHz Band / Channel Low
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:106_5530MHz
Test mode	: WLAN_W56_11ac(VHT80)_Tx_Low	Note2	:



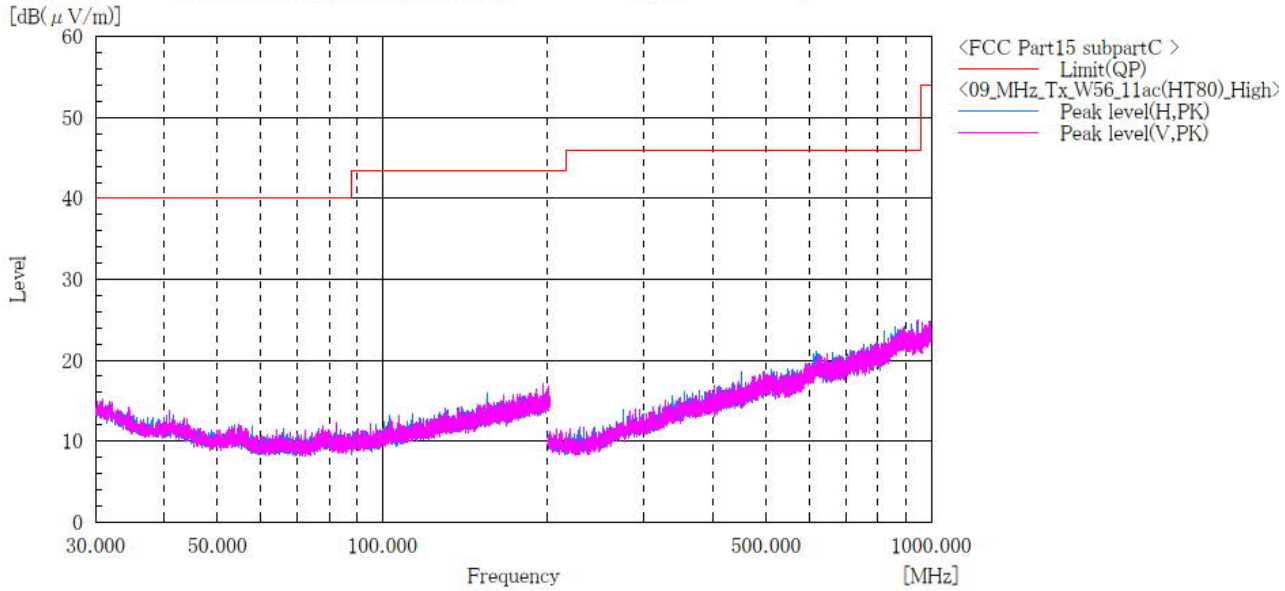
Final Result

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	5467.200	H	52.9	--------	11.4	64.3	--------	74.0	54.0	9.7	--------	100.0	151.0	
2	5463.800	V	51.3	--------	11.4	62.7	--------	74.0	54.0	11.3	--------	100.0	84.0	
3	11060.000	H	46.9	34.1	11.9	58.8	46.0	74.0	54.0	15.2	8.0	100.0	149.0	

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.

[11ac(VHT80)]
5.6 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:122 5610MHz
Test mode	: 5GHz_W56_11ac(VHT80)_Tx_ch:High	Note2	:



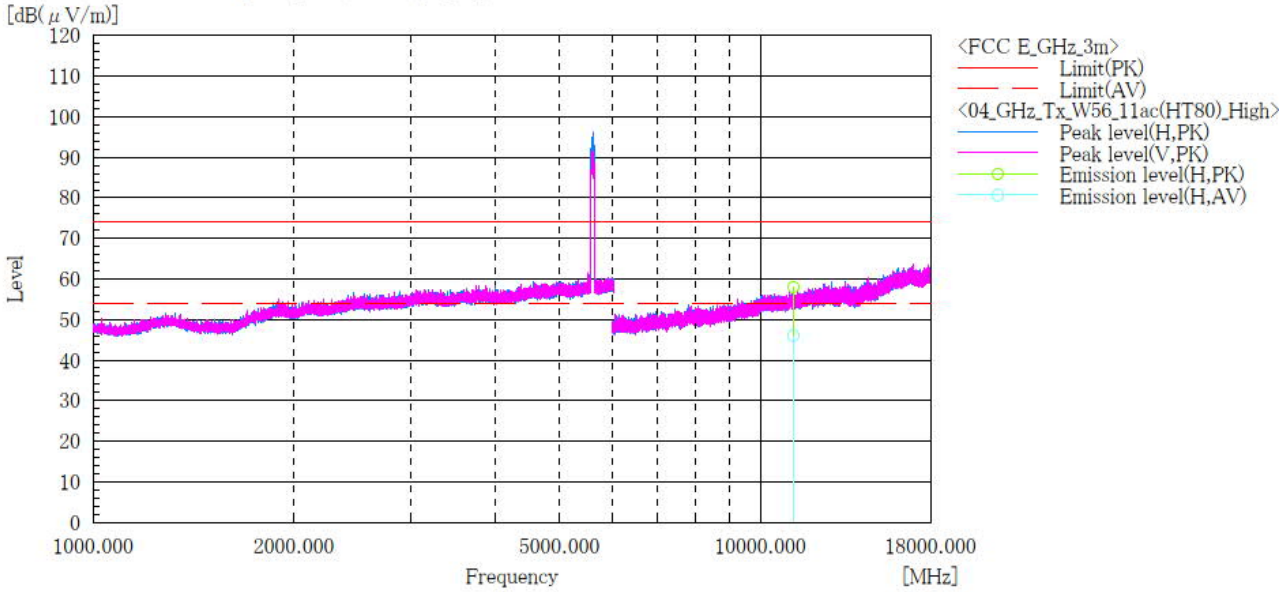
Final Result

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

[11ac(VHT80)]
5.6 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:122_5610MHz
Test mode	: WLAN_W56_11ac(VHT80)_Tx_High	Note2	:



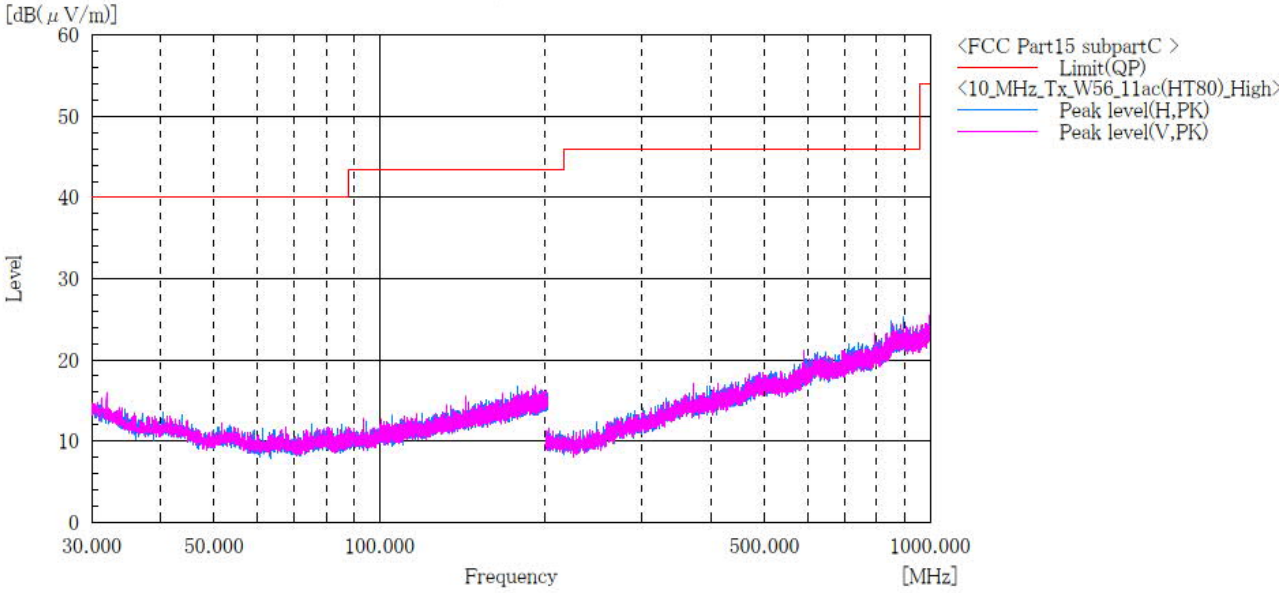
Final Result

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	11220.000	H	46.0	34.0	12.0	58.0	46.0	74.0	54.0	16.0	8.0	100.0	150.0	

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.

[11ac(VHT80)]
5.6 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:138 5690MHz
Test mode	: 5GHz_W56_11ac(VHT80)_Tx_ch:High	Note2	:



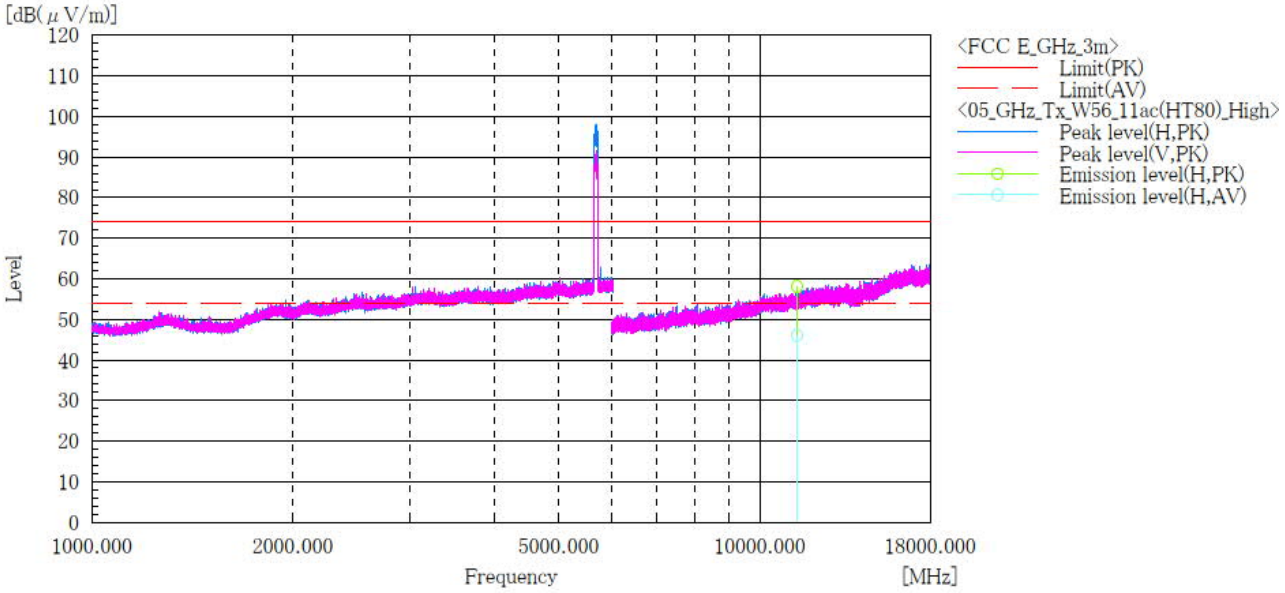
Final Result

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

[11ac(VHT80)]
5.6 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:138_5690MHz
Test mode	: WLAN_W56_11ac(HT80)_Tx	Note2	:



Final Result

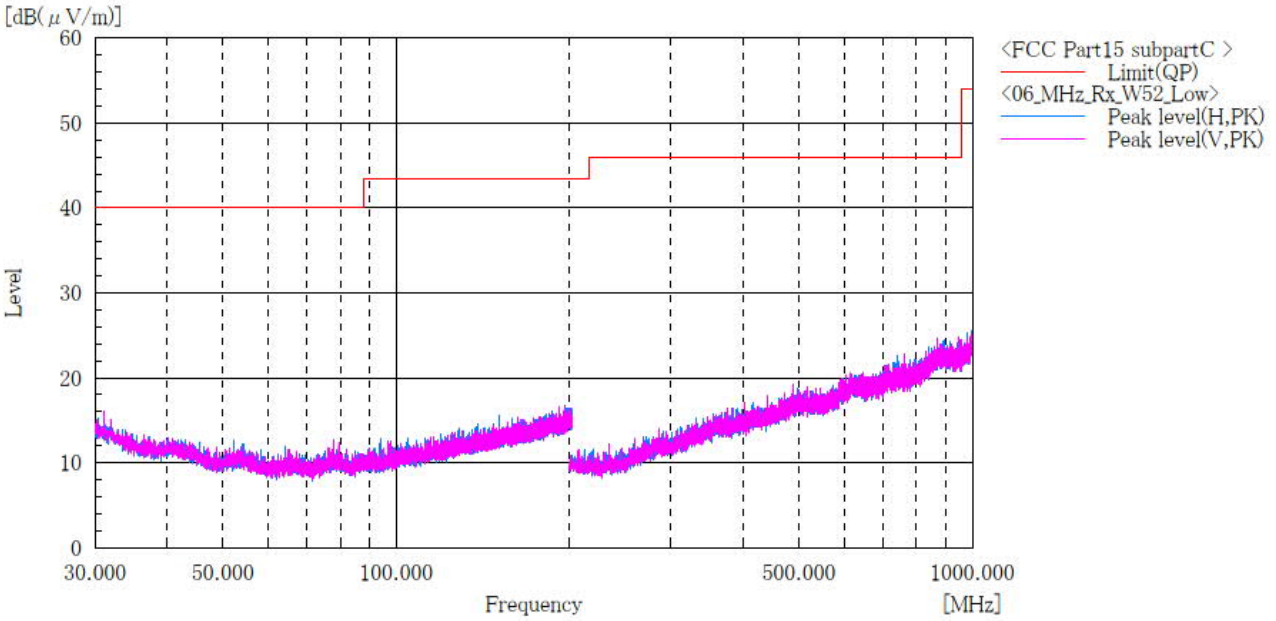
No.	Frequency	(P)	Reading PK	Reading AV	c.f	Result PK	Result AV	Limit PK	Limit AV	Margin PK	Margin AV	Height	Angle	Remark
	[MHz]		[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[°]	
1	11380.000	H	45.9	33.9	12.2	58.1	46.1	74.0	54.0	15.9	7.9	100.0	154.0	

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.

Receive mode

5.2 GHz Band / Channel Low
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:36 5180MHz
Test mode	: 5GHz_W52_Rx_ch:Low	Note2	:



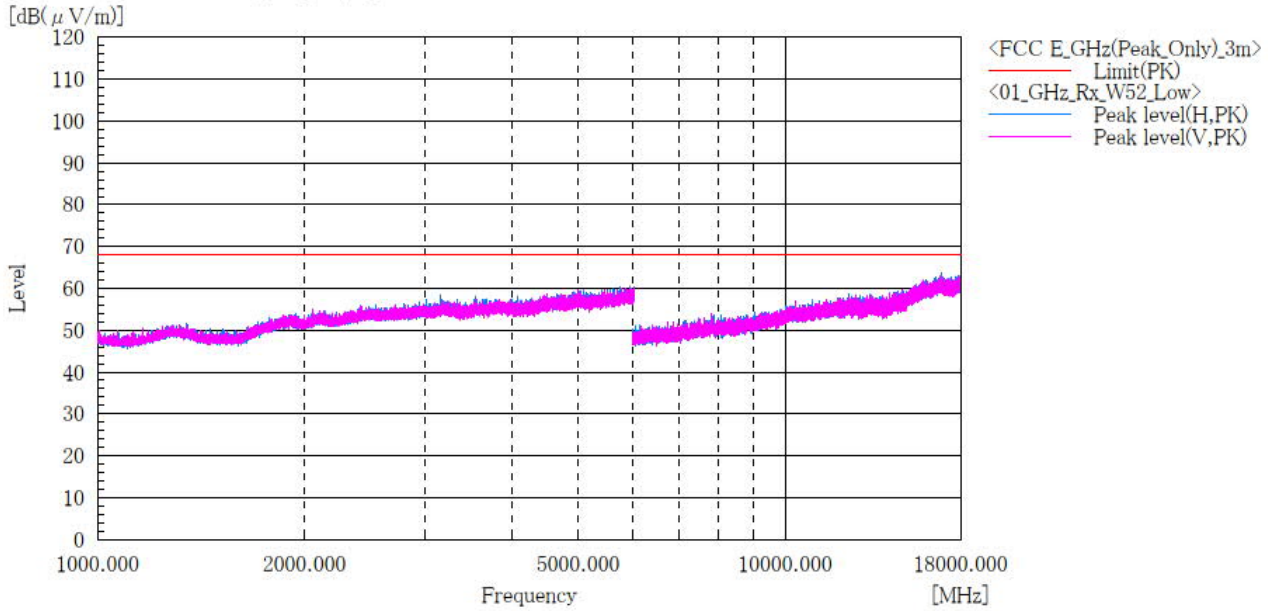
Final Result

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

5.2 GHz Band / Channel Low
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:36_5180MHz
Test mode	: WLAN_W52_11a_Rx_Low	Note2	:



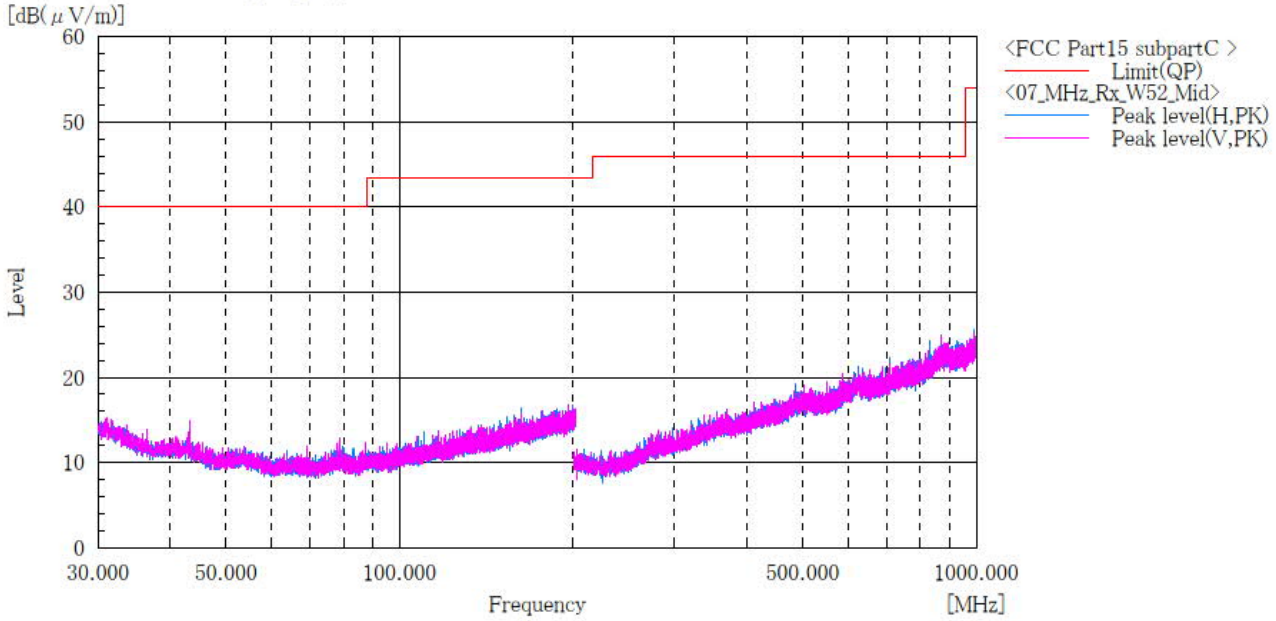
Final Result

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

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.

5.2 GHz Band / Channel Mid
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:40 5200MHz
Test mode	: 5GHz_W52_Rx_ch:Mid	Note2	:



Final Result

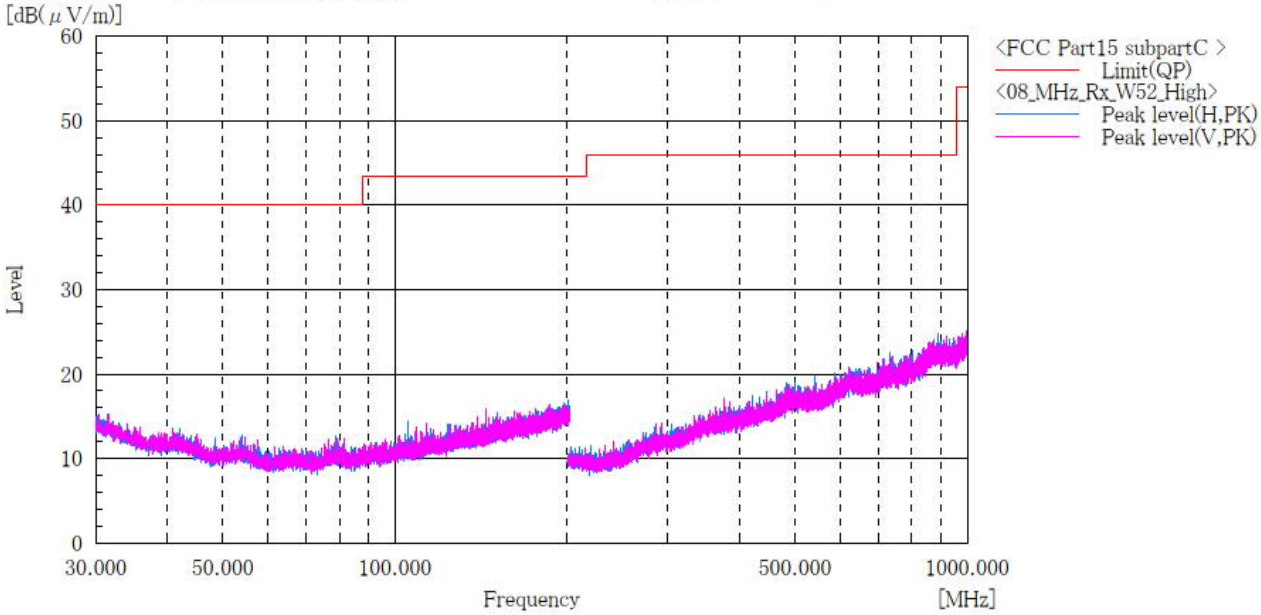
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

5.2 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:48 5240MHz
Test mode	: 5GHz_W52_Rx_ch:High	Note2	:



Final Result

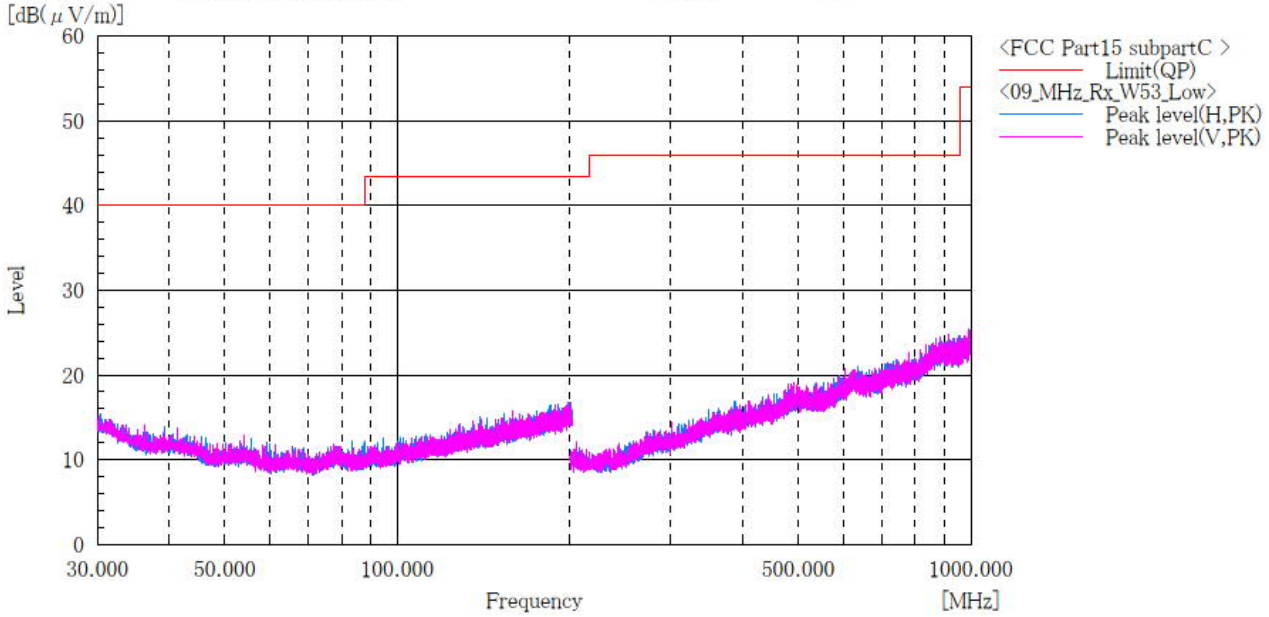
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

5.3 GHz Band / Channel Low
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:52 5260MHz
Test mode	: 5GHz_W53_Rx_ch:Low	Note2	:



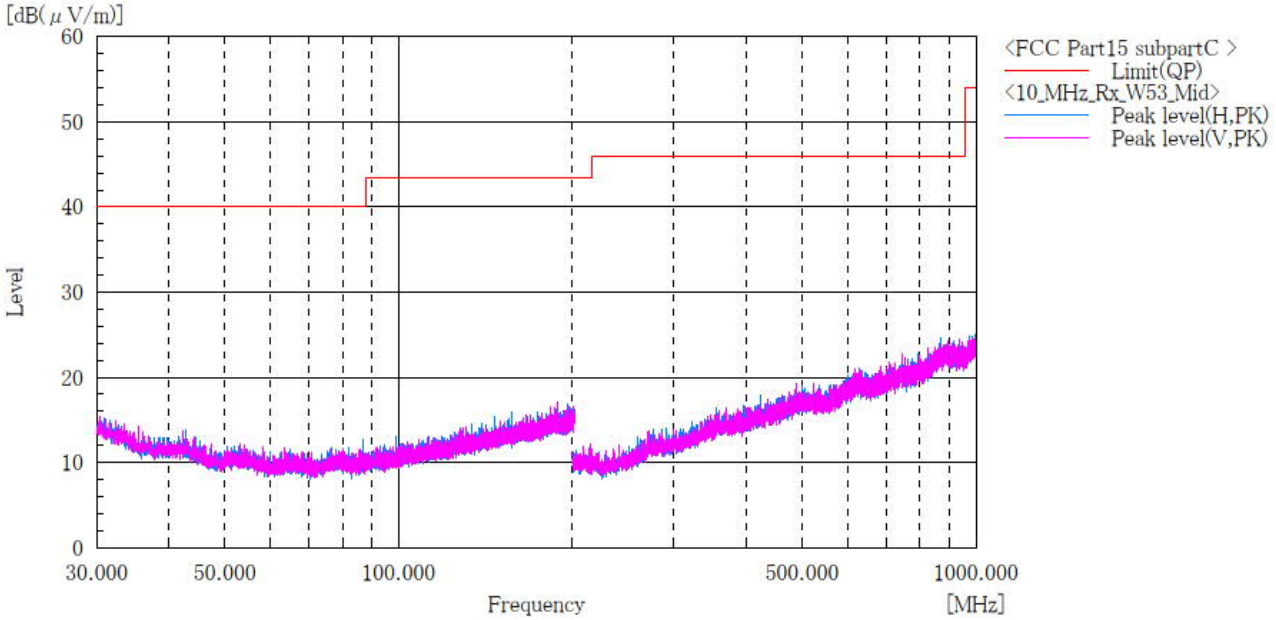
Final Result

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

5.3 GHz Band / Channel Mid
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[°C] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:56 5280MHz
Test mode	: 5GHz_W53_Rx_ch:Mid	Note2	:



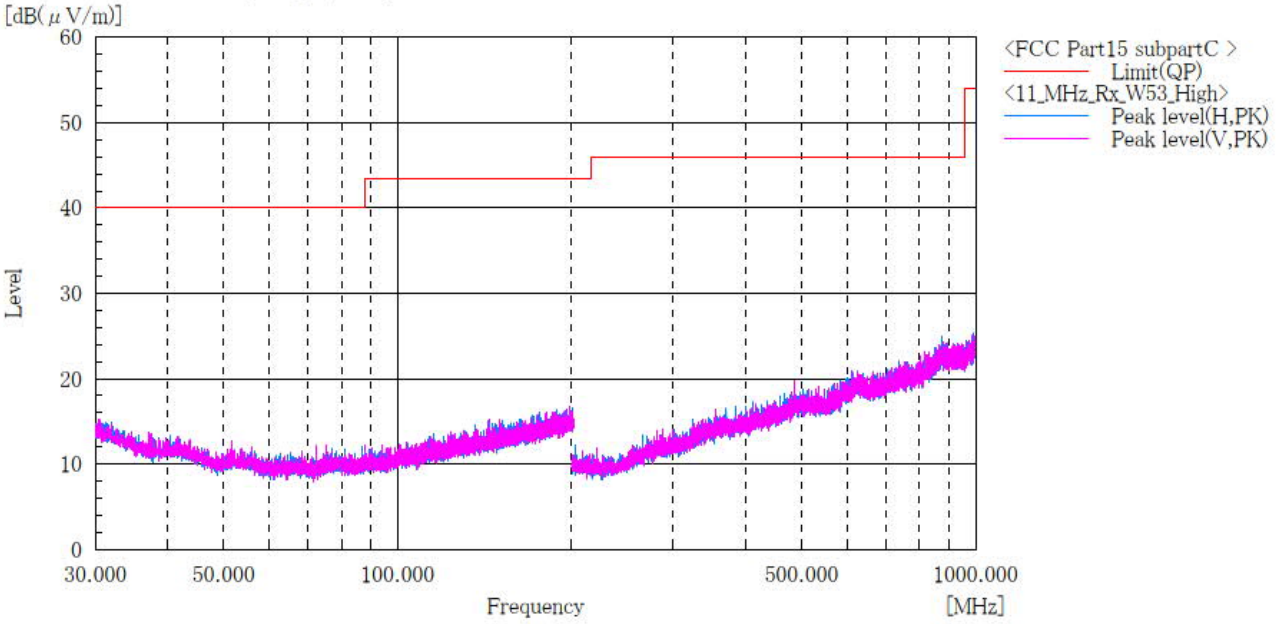
Final Result

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

5.3 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: CH:64 5320MHz
Test mode	: 5GHz_W53_Rx_ch:High	Note2	:



Final Result

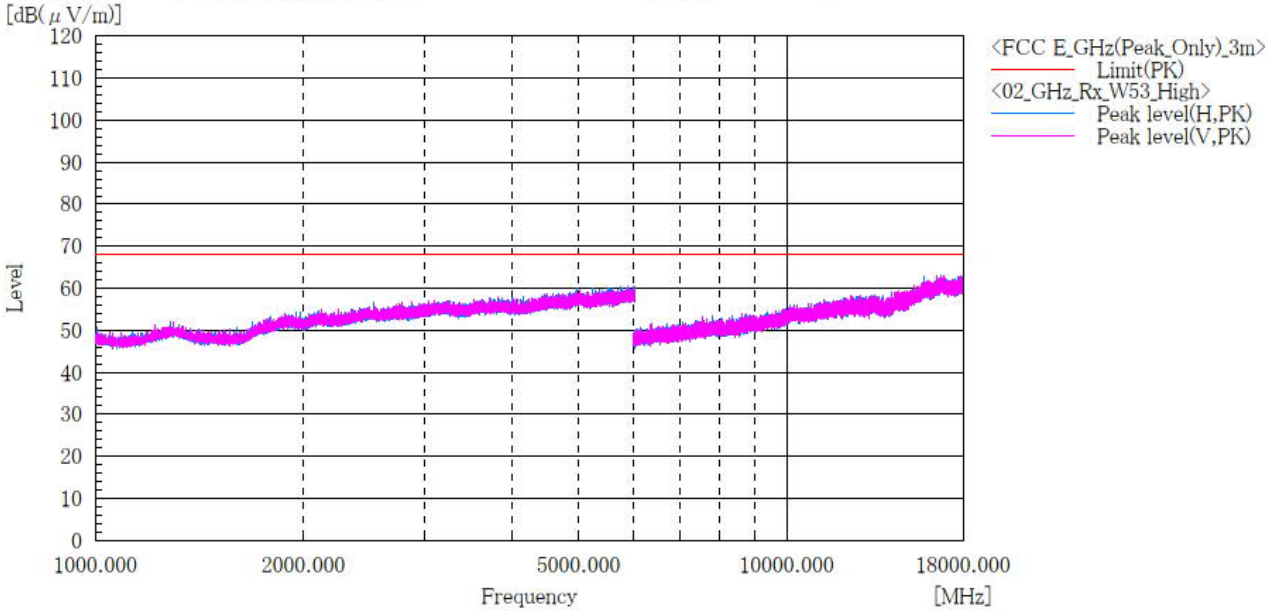
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

5.3 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 23.9[℃] 26.6[%]
Serial No.	: 358067760004090	Note1	: ch:64_5320MHz
Test mode	: WLAN_W53_11a_Rx_High	Note2	:



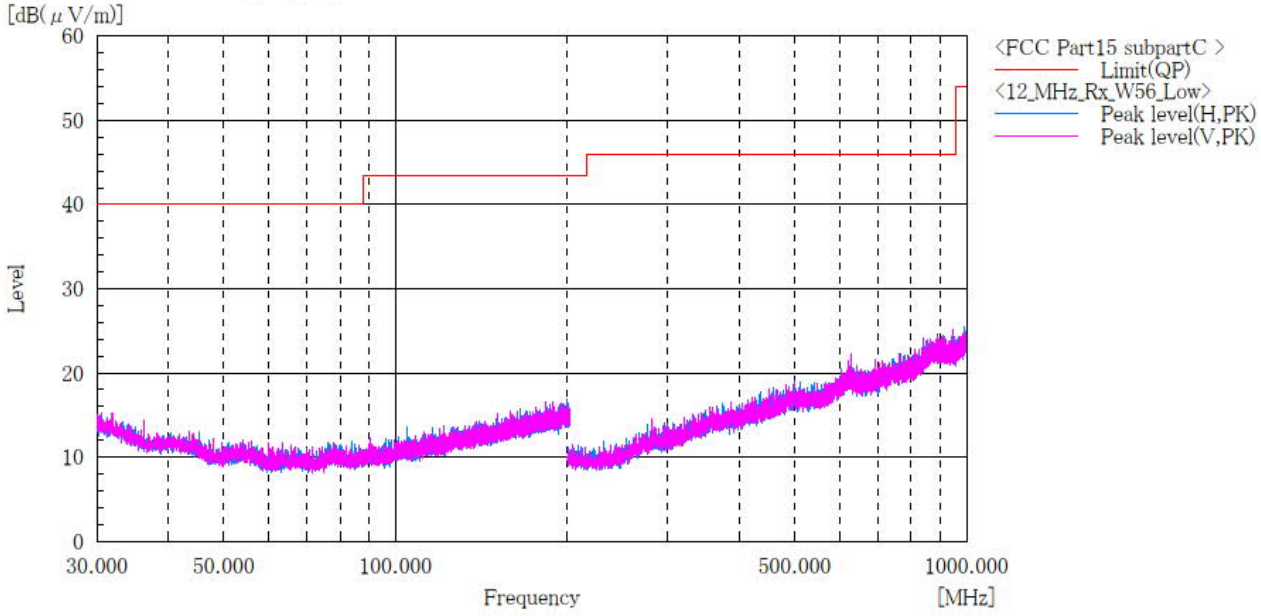
Final Result

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

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.

5.6 GHz Band / Channel Low
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum,Atm	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: Ch:100_5500MHz
Test mode	: 5GHz_W56_Rx_Low	Note2	:



Final Result

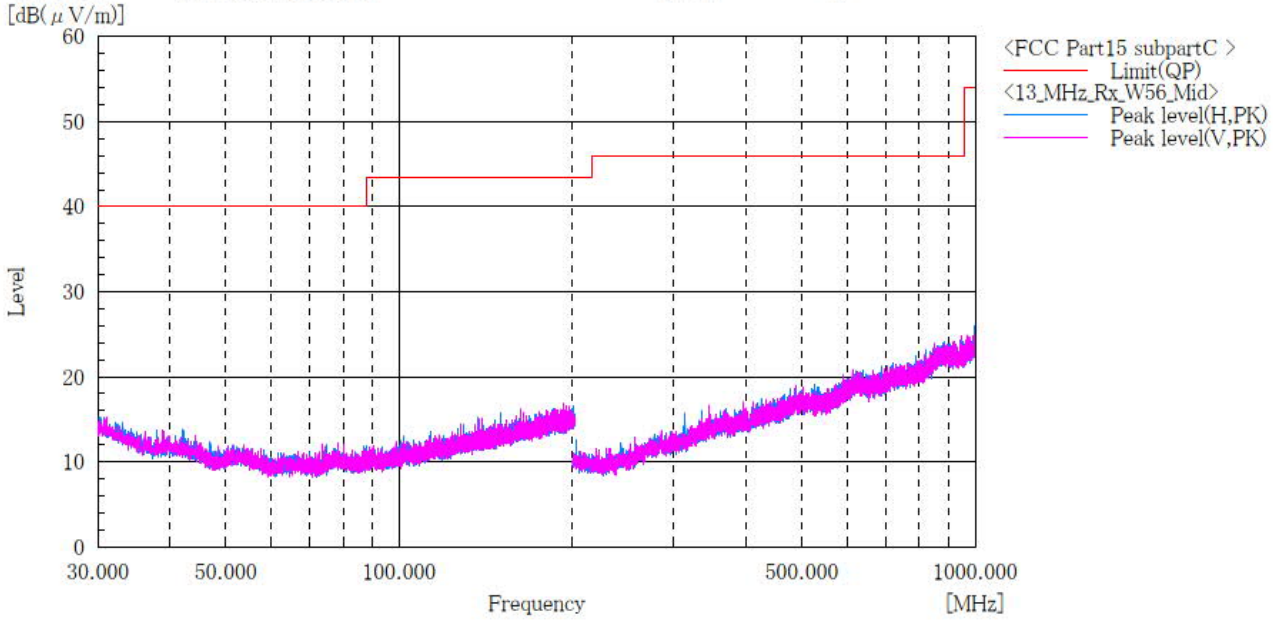
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

5.6 GHz Band / Channel Mid
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum,Atm	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: Ch:116_5580MHz
Test mode	: 5GHz_W56_Rx_Mid	Note2	:



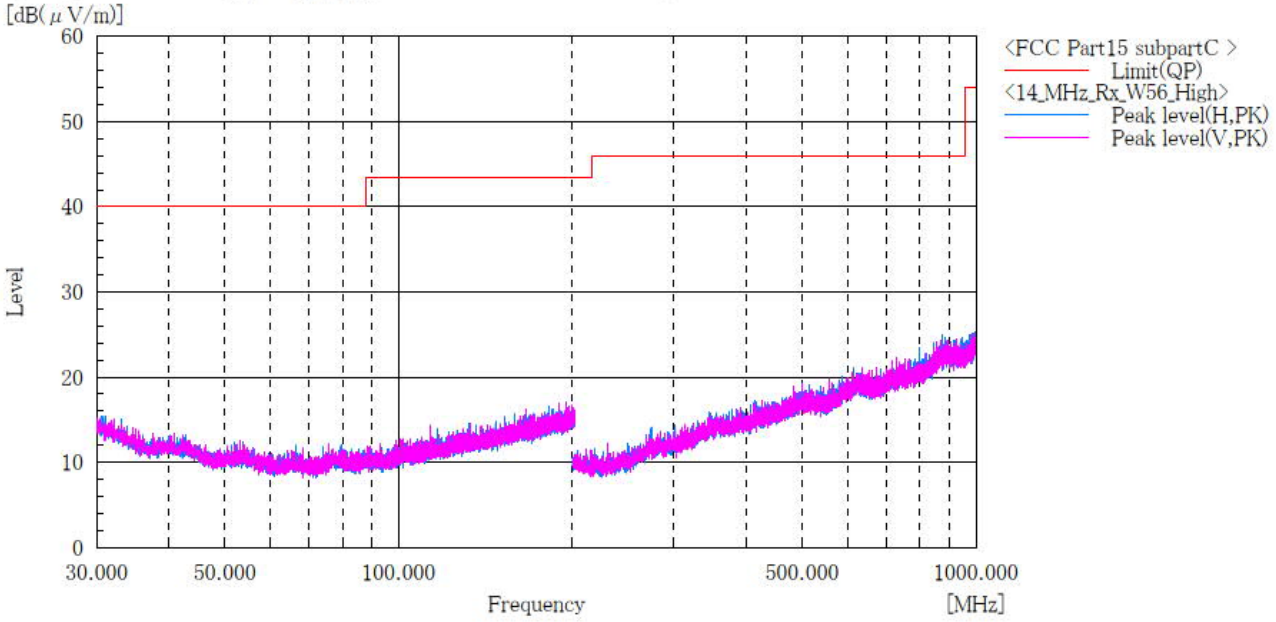
Final Result

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

5.6 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum,Atm	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: Ch:140_5700MHz
Test mode	: 5GHz_W56_Rx_High	Note2	:



Final Result

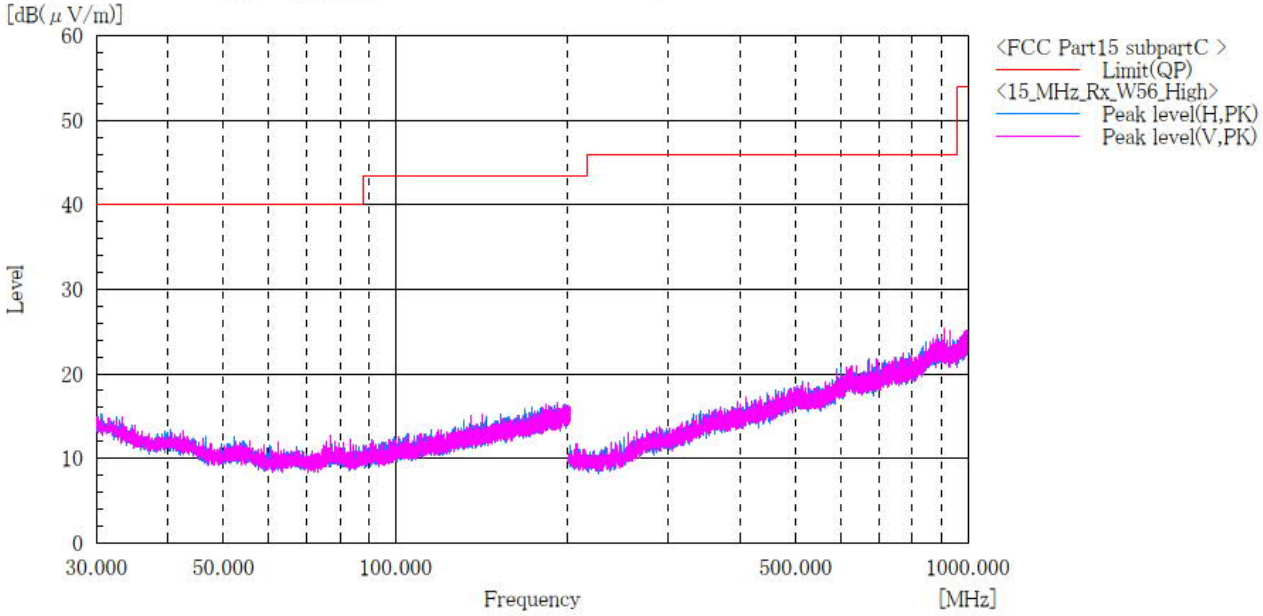
No.	Frequency [MHz]	(P)	c.f [dB(1/m)]	Height [cm]	Angle [°]	Remark

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.

Japan

5.6 GHz Band / Channel High
BELOW 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: K.Saito
Model No.	: EB1147	Temp,Hum,Atm	: 23.5[℃] 33.6[%]
Serial No.	: 358067760004090	Note1	: Ch:144_5720MHz
Test mode	: 5GHz_W56_Rx_High	Note2	:



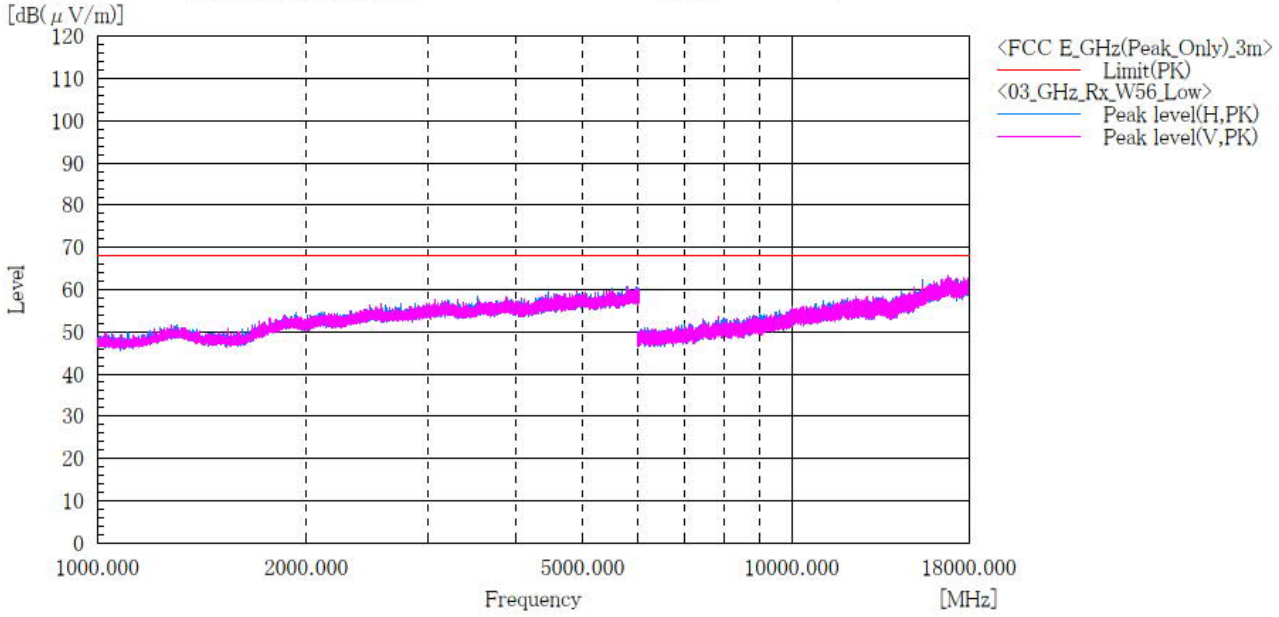
Final Result

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

5.6 GHz Band / Channel Low
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 24.2[℃] 24.6[%]
Serial No.	: 358067760004090	Note1	: ch:100_5500MHz
Test mode	: WLAN_W56_11a_Rx_Low	Note2	:



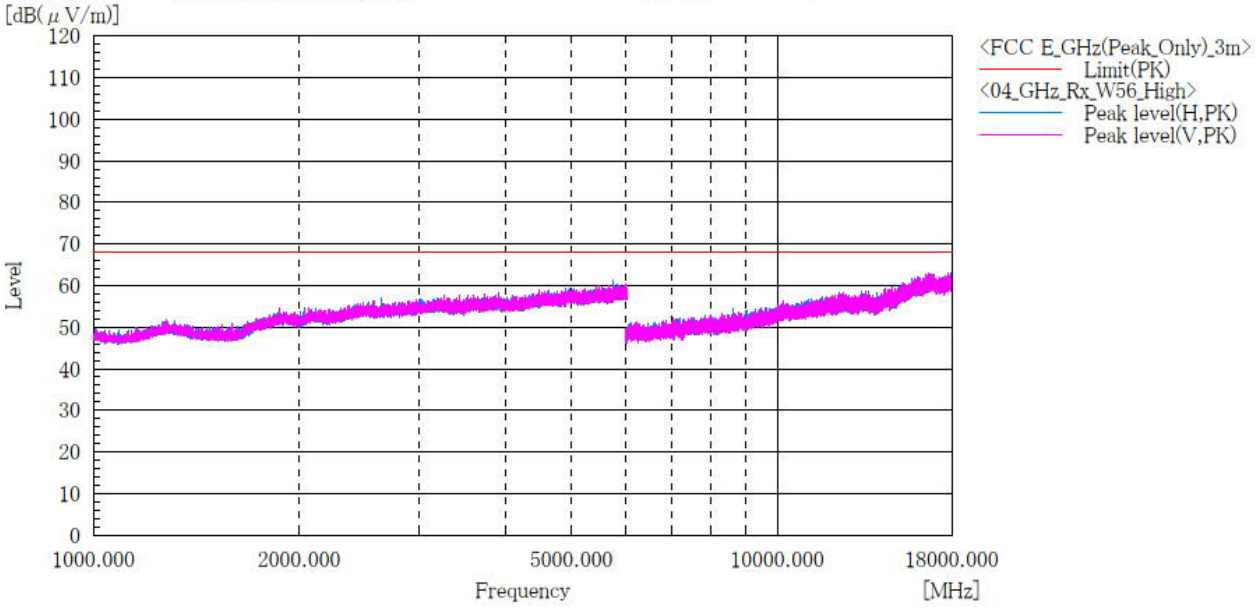
Final Result

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

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.

5.6 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 24.2[℃] 24.6[%]
Serial No.	: 358067760004090	Note1	: ch:140_5700MHz
Test mode	: WLAN_W56_11a_Rx_High	Note2	:



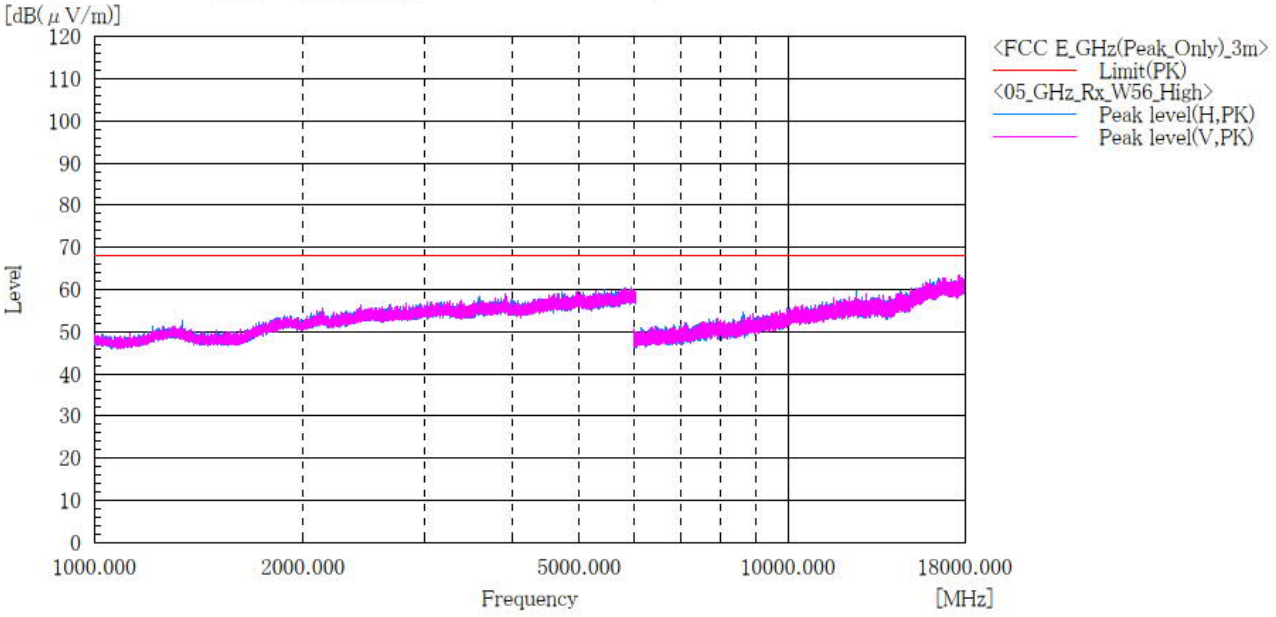
Final Result

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

5.6 GHz Band / Channel High
ABOVE 1GHz

Company name	: KYOCERA Corporation	Standard	: FCC Part.15 subpart E
EUT	: Mobile Phone	Operator	: C.Kanno
Model No.	: EB1147	Temp,Hum,Atm	: 24.2[℃] 24.6[%]
Serial No.	: 358067760004090	Note1	: ch:144_5720MHz
Test mode	: WLAN_W56_11a_Rx_High	Note2	:



Final Result

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

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.

Japan

4.2 AC Power Line Conducted Emissions

4.2.1 Measurement procedure

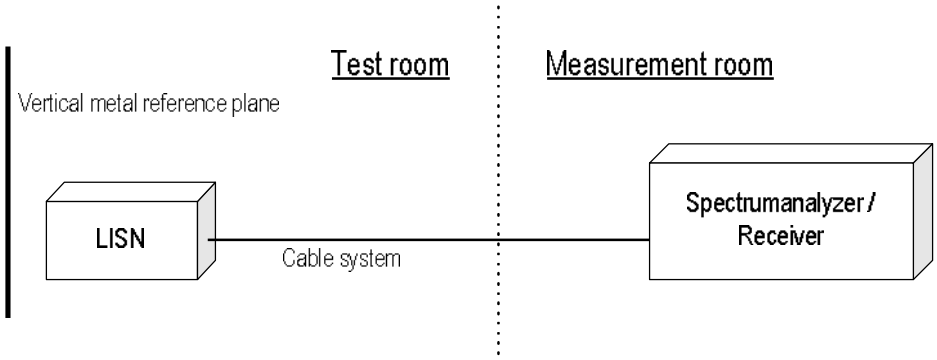
[FCC 15.207]

Test was applied by following conditions.

Test method	:	ANSI C63.10
Frequency range	:	0.15 MHz to 30 MHz
Test place	:	3m Semi-anechoic chamber
EUT was placed on	:	FRP table / (W) 2.0 × (D) 1.0 × (H) 0.8 m
Vertical Metal Reference Plane	:	(W) 2.0 × (H) 2.0 m, 0.4 m away from EUT
Test receiver setting		
- Detector	:	Quasi-peak, Average
- Bandwidth	:	9 kHz

EUT and peripherals are connected to 50Ω/50μH Line Impedance Stabilization Network (LISN) which are connected to reference ground plane, and are placed 80cm away from EUT. Excess of AC power cable is bundled in center.
LISN for peripheral is terminated in 50Ω.
EUT operating mode is selected to emit the maximum noise. Overall frequency range is investigated with spectrum analyzer using peak detector. Maximum emission configuration is determined by manipulating the EUT, peripherals, interconnecting cables. Then, emission measurements are performed with test receiver in above setting to each current-carrying conductor of the mains port. Sufficient time for EUT, peripherals and test equipment is provided in order for them to warm up to their normal operating condition. If the average limit is met when using a quasi-peak detector receiver, the EUT shall be deemed to meet both limits.

- Test configuration



4.2.2 Calculation method

Emission level = Reading + (LISN. factor + Cable system loss)
Margin = Limit – Emission level

Japan

4.2.3 Limit

Frequency [MHz]	Limit	
	QP [dBuV]	AV [dBuV]
0.15-0.5	66-56*	56-46*
0.5-5	56	46
5-30	60	50

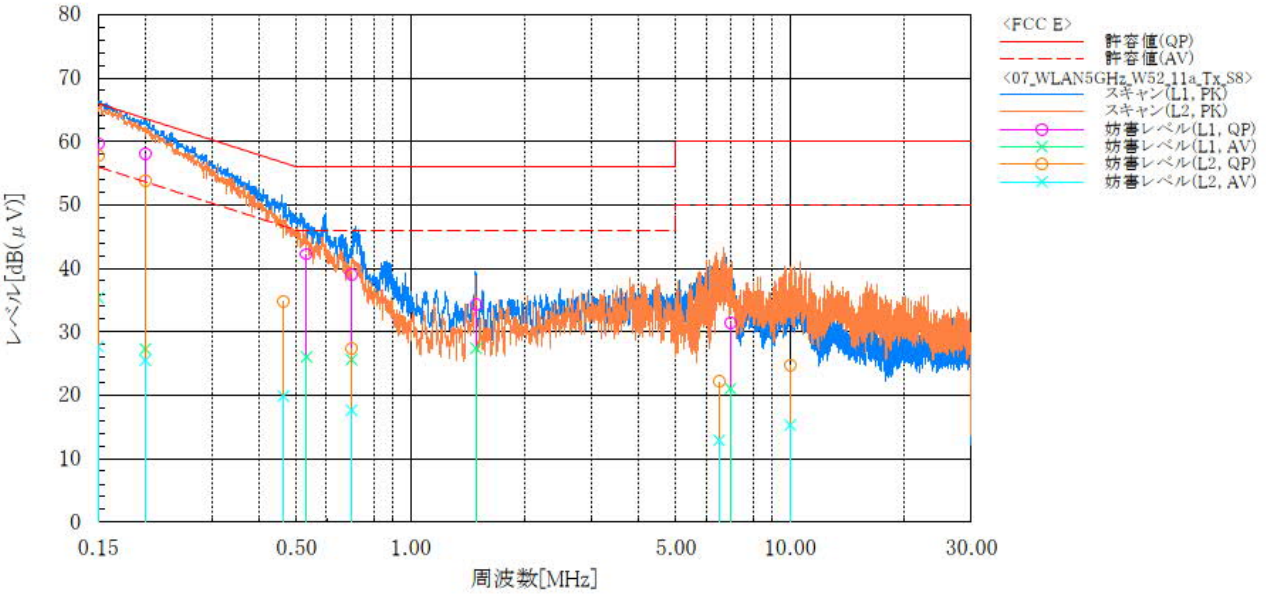
*: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

4.2.4 Test data

Date : 8-November-2022
Temperature : 21.3 [˚C]
Humidity : 31.1 [%] Test engineer : Tadahiro Seino
Test place : 3m Semi-anechoic chamber

[5.2 GHz Band]

Company name	: KYOCERA Corporation	Standard	: FCC Part 15 Subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 21.3 [° C], 31.1 [%]
Serial No.	: 358067760004090	Note1	: CH:36_5180MHz
Test mode	: WLAN_11a_W52_Tx	Note2	:



Final Result

--- L1 ---

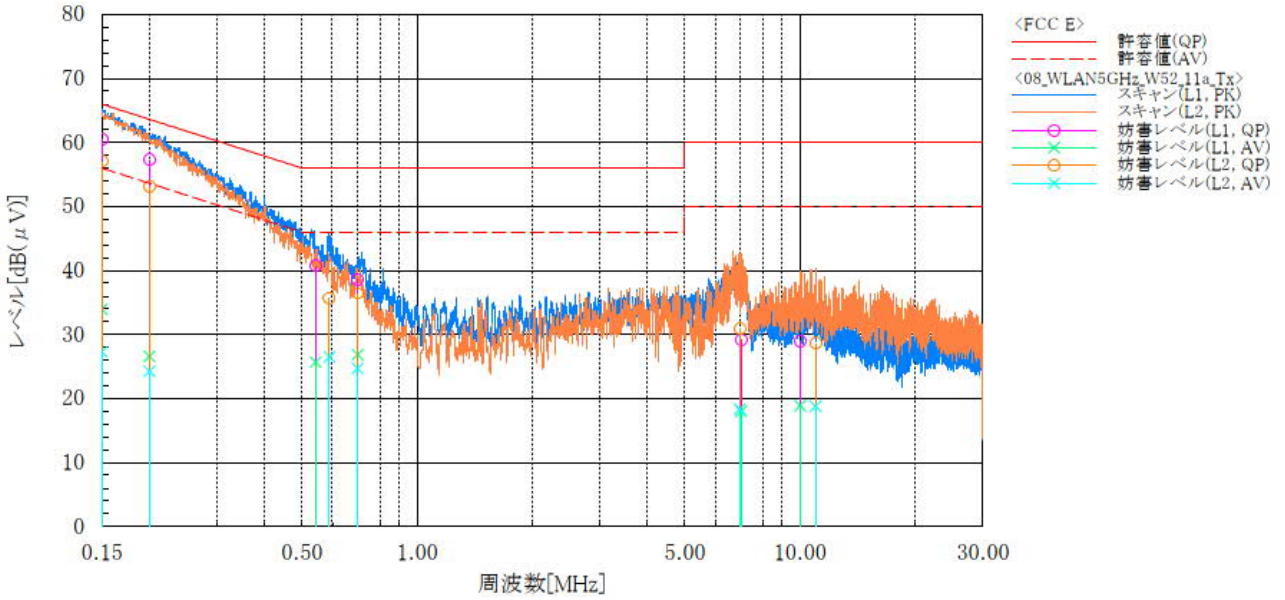
No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading AV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result AV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin AV [dB]	Remark
1	0.150	49.1	24.7	10.6	59.7	35.3	66.0	56.0	6.3	20.7	
2	0.200	47.6	16.8	10.5	58.1	27.3	63.6	53.6	5.5	26.3	
3	0.532	31.8	15.6	10.4	42.2	26.0	56.0	46.0	13.8	20.0	
4	0.700	28.6	15.2	10.4	39.0	25.6	56.0	46.0	17.0	20.4	
5	1.486	23.8	16.9	10.5	34.3	27.4	56.0	46.0	21.7	18.6	
6	6.964	20.5	10.1	10.9	31.4	21.0	60.0	50.0	28.6	29.0	

--- L2 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading AV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result AV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin AV [dB]	Remark
1	0.150	47.1	17.0	10.6	57.7	27.6	66.0	56.0	8.3	28.4	
2	0.200	43.4	15.0	10.5	53.9	25.5	63.6	53.6	9.7	28.1	
3	0.463	24.4	9.4	10.4	34.8	19.8	56.6	46.6	21.8	26.8	
4	0.700	17.0	7.2	10.4	27.4	17.6	56.0	46.0	28.6	28.4	
5	6.507	11.3	2.0	10.9	22.2	12.9	60.0	50.0	37.8	37.1	
6	9.999	13.6	4.1	11.2	24.8	15.3	60.0	50.0	35.2	34.7	

[5.3 GHz Band]

Company name	: KYOCERA Corporation	Standard	: FCC Part 15 Subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 21.3 [° C], 31.1 [%]
Serial No.	: 358067760004090	Note1	: CH:52_5260MHz
Test mode	: WLAN_11a_W53_Tx	Note2	:



Final Result

--- L1 ---

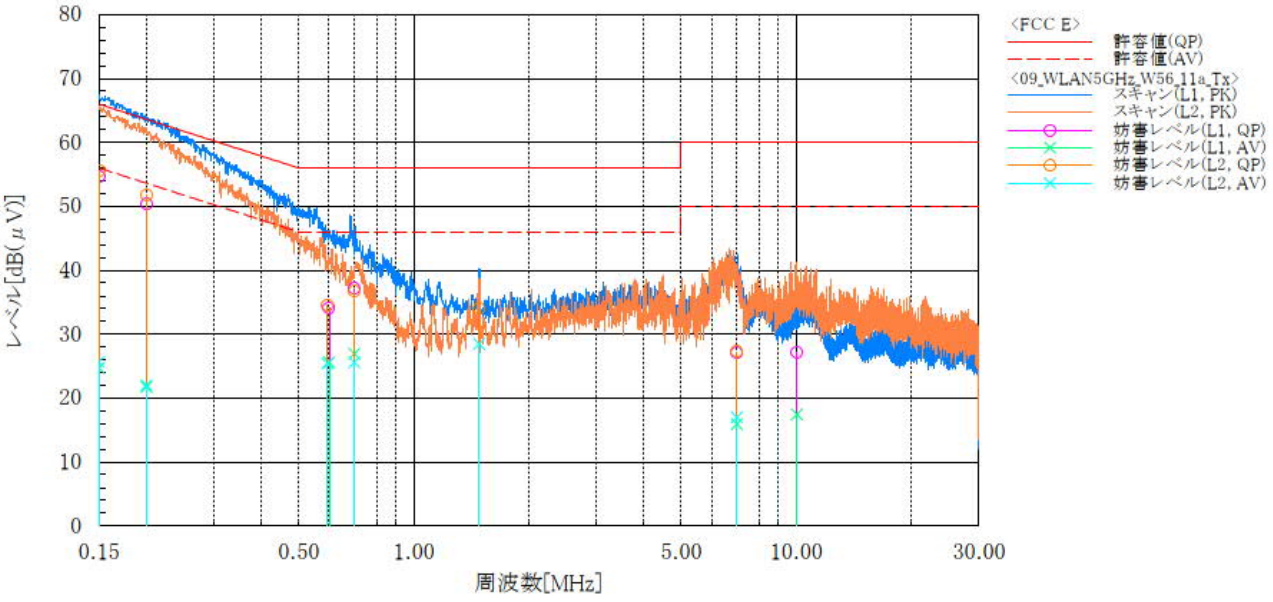
No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading AV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result AV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin AV [dB]	Remark
1	0.150	49.9	23.3	10.6	60.5	33.9	66.0	56.0	5.5	22.1	
2	0.200	46.8	16.1	10.5	57.3	26.6	63.6	53.6	6.3	27.0	
3	0.543	30.3	15.3	10.4	40.7	25.7	56.0	46.0	15.3	20.3	
4	0.700	28.2	16.4	10.4	38.6	26.8	56.0	46.0	17.4	19.2	
5	7.020	18.3	7.1	10.9	29.2	18.0	60.0	50.0	30.8	32.0	
6	10.021	17.8	7.7	11.2	29.0	18.9	60.0	50.0	31.0	31.1	

--- L2 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading AV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result AV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin AV [dB]	Remark
1	0.150	46.5	16.7	10.6	57.1	27.3	66.0	56.0	8.9	28.7	
2	0.200	42.7	13.7	10.5	53.2	24.2	63.6	53.6	10.4	29.4	
3	0.591	25.3	16.1	10.4	35.7	26.5	56.0	46.0	20.3	19.5	
4	0.700	26.0	14.3	10.4	36.4	24.7	56.0	46.0	19.6	21.3	
5	6.956	20.0	7.4	10.9	30.9	18.3	60.0	50.0	29.1	31.7	
6	10.986	17.3	7.5	11.3	28.6	18.8	60.0	50.0	31.4	31.2	

[5.6 GHz Band]

Company name	: KYOCERA Corporation	Standard	: FCC Part 15 Subpart E
EUT	: Mobile Phone	Operator	: T.Seino
Model No.	: EB1147	Temp,Hum,Atm	: 21.3 [° C], 31.1 [%]
Serial No.	: 358067760004090	Note1	: CH:100_5500MHz
Test mode	: WLAN_11a_W56_Tx	Note2	:



Final Result

--- L1 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading AV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result AV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin AV [dB]	Remark
1	0.150	44.1	14.1	10.6	54.7	24.7	66.0	56.0	11.3	31.3	
2	0.200	39.9	11.2	10.5	50.4	21.7	63.6	53.6	13.2	31.9	
3	0.600	23.8	15.2	10.4	34.2	25.6	56.0	46.0	21.8	20.4	
4	0.700	26.7	16.5	10.4	37.1	26.9	56.0	46.0	18.9	19.1	
5	6.983	16.2	5.0	10.9	27.1	15.9	60.0	50.0	32.9	34.1	
6	10.038	16.0	6.2	11.2	27.2	17.4	60.0	50.0	32.8	32.6	

--- L2 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading AV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result AV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin AV [dB]	Remark
1	0.150	45.1	15.1	10.6	55.7	25.7	66.0	56.0	10.3	30.3	
2	0.200	41.3	11.5	10.5	51.8	22.0	63.6	53.6	11.8	31.6	
3	0.594	24.1	15.0	10.4	34.5	25.4	56.0	46.0	21.5	20.6	
4	0.700	26.3	15.2	10.4	36.7	25.6	56.0	46.0	19.3	20.4	
5	1.484	23.5	17.9	10.5	34.0	28.4	56.0	46.0	22.0	17.6	
6	6.987	16.4	6.1	10.9	27.3	17.0	60.0	50.0	32.7	33.0	

Japan

5 Antenna requirement

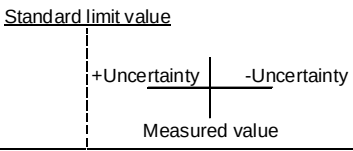
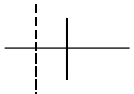
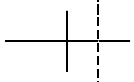
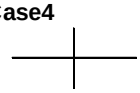
According to FCC section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
The antenna is a special antenna mounted inside of the EUT. Therefore, the EUT complies with the antenna requirement of FCC section 15.203.

Japan

6 Measurement uncertainty

Expanded uncertainties stated are calculated with a coverage Factor k=2.
Please note that these results are not taken into account when measurement uncertainty considerations contained in ETSI TR 100 028 Parts 1 and 2 determining compliance or non-compliance with test result.

Test item	Measurement uncertainty
Conducted emission, AMN (9 kHz – 150 kHz)	±3.7 dB
Conducted emission, AMN (150 kHz – 30 MHz)	±3.3 dB
Radiated emission (9kHz – 30 MHz)	±3.2 dB
Radiated emission (30 MHz – 1000 MHz)	±5.3 dB
Radiated emission (1 GHz – 6 GHz)	±4.8 dB
Radiated emission (6 GHz – 18 GHz)	±4.5 dB
Radiated emission (18 GHz – 40 GHz)	±6.4 dB
Radio Frequency	$\pm 1.4 * 10^{-8}$
RF power, conducted	±0.8 dB
Adjacent channel power	±2.4 dB
Temperature	±0.6 °C
Humidity	±1.2 %
Voltage (DC)	±0.4 %
Voltage (AC, <10kHz)	±0.2 %

Judge	Measured value and standard limit value
PASS	**Case1**  Even if it takes uncertainty into consideration, a standard limit value is fulfilled.
	Case2  Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration.
FAIL	**Case3**  Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.
	Case4  Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.

Japan

7 Laboratory Information

Testing was performed and the report was issued at:

TÜV SÜD Japan Ltd. Yonezawa Testing Center

Address: 5-4149-7 Hachimanpara, Yonezawa-shi, Yamagata, 992-1128 Japan
Phone: +81-238-28-2881

Accreditation and Registration
A2LA
Certificate #3686.03

VLAC
Accreditation No.: VLAC-013

BSMI
Laboratory Code: SL2-IN-E-6018, SL2-A1-E-6018

Innovation, Science and Economic Development Canada
ISED#: 4224A

VCCI Council
Registration number: A-0166

Japan

Appendix A. Test Equipment

Radiated emission

Equipment	Company	Model No.	Serial No.	Cal. Due	Cal. Date
EMI Receiver	ROHDE&SCHWARZ	ESCI	100765	30-Sep-2023	14-Sep-2022
Spectrum analyzer	Agilent Technologies	E4440A	US40420937	30-Sep-2023	05-Sep-2022
Spectrum analyzer	ROHDE&SCHWARZ	FSV40	101731	31-Mar-2023	03-Mar-2022
Preamplifier	SONOMA	310	372170	30-Sep-2023	28-Sep-2022
Loop antenna	ROHDE&SCHWARZ	HFH2-Z2	100515	30-Apr-2023	18-Apr-2022
Attenuator	TOYO Connector	NA-PJ-6	N/A(S507)	28-Feb-2023	03-Feb-2022
Biconical antenna	Schwarzbeck	VHBB9124/BBA9106	1333	31-Dec-2022	15-Dec-2021
Log periodic antenna	Schwarzbeck	VUSLP9111B	345	30-Nov-2022	08-Nov-2021
Attenuator	TOYO Connector	NA-PJ-6/6dB	N/A(S541)	30-Sep-2023	28-Sep-2022
Attenuator	TAMAGAWA.ELEC	CFA-10/3dB	N/A(S503)	31-Jul-2023	14-Jul-2022
Preamplifier	TSJ	MLA-100M18-B02-40	1929118	31-Dec-2022	22-Dec-2021
Attenuator	AEROFLEX	26A-10	081217-08	31-Dec-2022	22-Dec-2021
Double ridged guide antenna	ETS LINDGREN	3117	00052315	30-Jun-2023	22-Jun-2022
Attenuator	HUBER+SUHNER	6803.17.B	N/A(2340)	31-Dec-2022	23-Dec-2021
Double ridged guide antenna	A.H.Systems Inc.	SAS-574	469	31-Aug-2023	19-Aug-2022
Preamplifier	TSJ	MLA-1840-B03-35	1240332	31-Aug-2023	19-Aug-2022
Notch Filter	Micro-Tronics	BRM50716	006	31-Jul-2023	14-Jul-2022
Microwave cable	HUBER+SUHNER	SUCOFLEX104/9m	MY30037/4	31-Dec-2022	22-Dec-2021
		SUCOFLEX104/1m	my24610/4	31-Dec-2022	22-Dec-2021
		SUCOFLEX104/8m	SN MY30033/4	31-Dec-2022	22-Dec-2021
		SUCOFLEX104/1m	MY32976/4	31-Dec-2022	22-Dec-2021
		SUCOFLEX104/2m	SN MY28404/4	31-Dec-2022	22-Dec-2021
		SUCOFLEX104/7m	41625/6	31-Dec-2022	22-Dec-2021
PC	DELL	DIMENSION E521	75465BX	N/A	N/A
Software	TOYO Corporation	EP5/RE-AJ	0611193/V6.0.140	N/A	N/A
Absorber	RIKEN	PFP30	N/A	N/A	N/A
3m Semi an-echoic Chamber	TOKIN	N/A	N/A(9002-NSA)	31-May-2023	28-May-2022
3m Semi an-echoic Chamber	TOKIN	N/A	N/A(9002-SVSWR)	31-May-2023	28-May-2022

Conducted emission at mains port

Equipment	Company	Model No.	Serial No.	Cal. Due	Cal. Date
EMI Receiver	ROHDE&SCHWARZ	ESCI	100765	30-Sep-2023	14-Sep-2022
Attenuator	HUBER+SUHNER	6810.01.A	N/A (S411)	31-Dec-2022	22-Dec-2021
Line impedance stabilization network	Kyoritsu Electrical Works, Ltd.	TNW-407F2	12-17-110-2	30-Jun-2023	15-Jun-2022
Microwave cable	HUBER+SUHNER	SUCOFLEX104/5m	MY33601/4	31-Oct-2023	22-Oct-2022
Microwave cable	HUBER+SUHNER	SUCOFLEX104/2m	MY37268/4	31-Oct-2023	22-Oct-2022
Coaxial cable	HUBER+SUHNER	RG214/U/10m	N/A (S194)	31-Dec-2022	22-Dec-2021
PC	DELL	DIMENSION	75465BX	N/A	N/A
Software	TOYO Corporation	EP5/CE-AJ	0611193/V5.4.11	N/A	N/A

*: The calibrations of the above equipment are traceable to NIST or equivalent standards of the reference organizations.