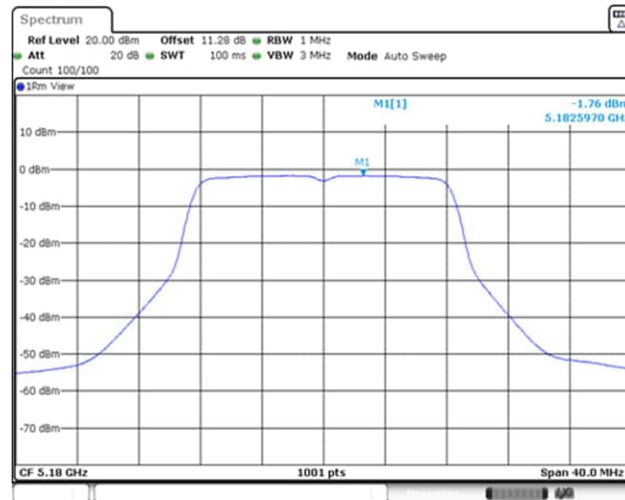
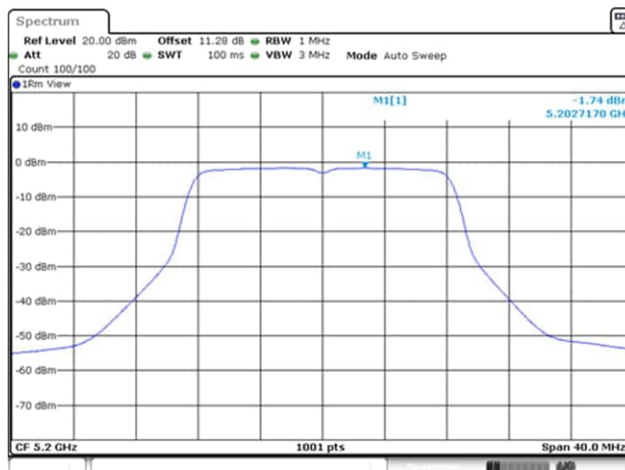


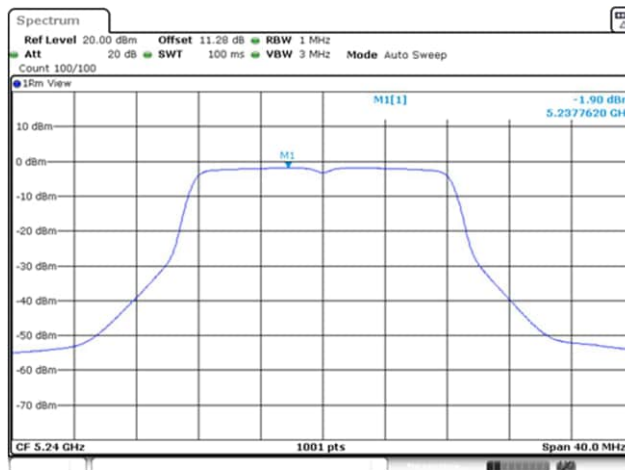
[Chain 1]
[IEEE802.11a]
(5.2 GHz Band)
Channel: 36



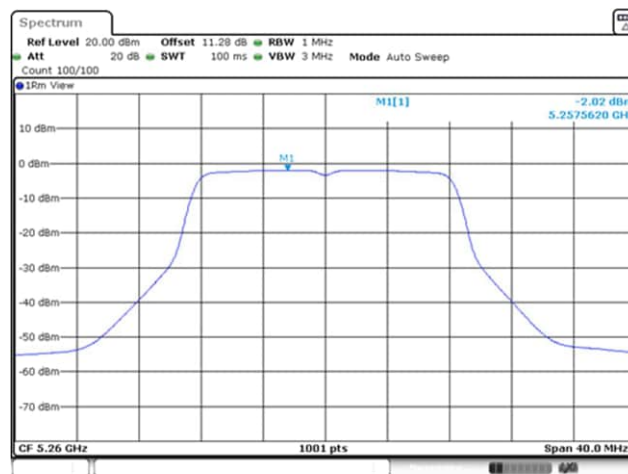
Channel: 40



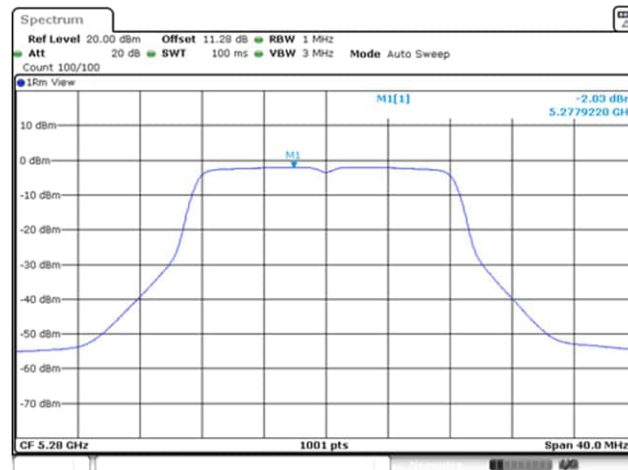
Channel: 48



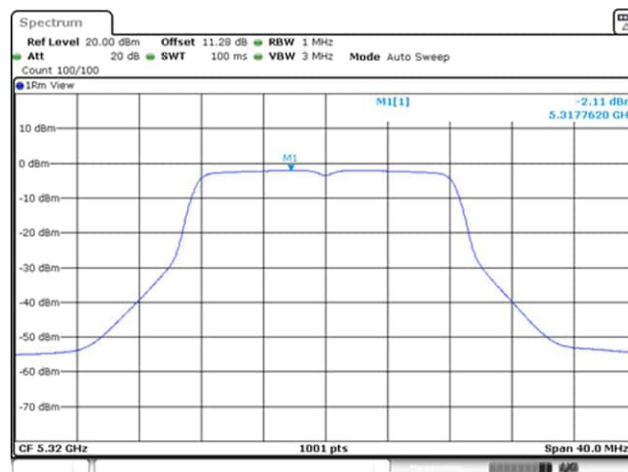
**(5.3 GHz Band)
Channel: 52**



Channel: 56



Channel: 64



Spectrum

Ref Level 20.00 dBm Offset 11.28 dB RBW 1 MHz
 Att 20 dB SWT 100 ms VBW 3 MHz Mode Auto Sweep

Count 100/100

10m View

MI[1]

-2.75 dBm
 5.5023580 GHz

10 dBm
 0 dBm
 -10 dBm
 -20 dBm
 -30 dBm
 -40 dBm
 -50 dBm
 -60 dBm
 -70 dBm

CF 5.5 GHz 1001 pts Span 40.0 MHz

Spectrum

Ref Level 20.00 dBm Offset 11.28 dB RBW 1 MHz
 Att 20 dB SWT 100 ms VBW 3 MHz Mode Auto Sweep
 Count 100/100

10m View

M1[1] -2.91 dBm 5.5825570 GHz

CF 5.58 GHz 1001 pts Span 40.0 MHz

Spectrum

Ref Level 20.00 dBm Offset 11.28 dB RBW 1 MHz
 Att 20 dB SWT 100 ms VBW 3 MHz Mode Auto Sweep

Count 100/100

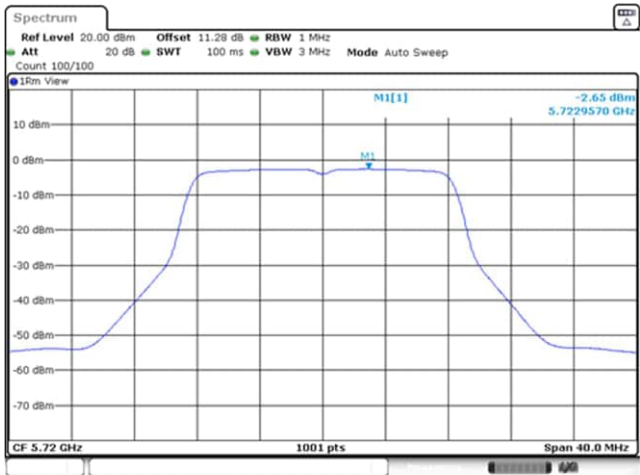
1Rm View

MI[1]

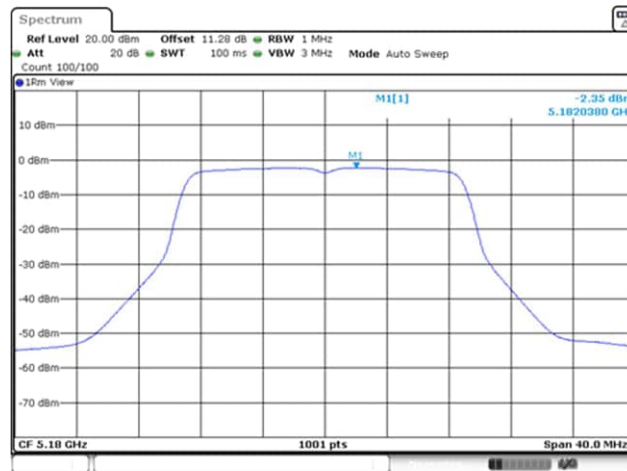
-2.74 dBm
 5.7023980 GHz

CF 5.7 GHz 1001 pts Span 40.0 MHz

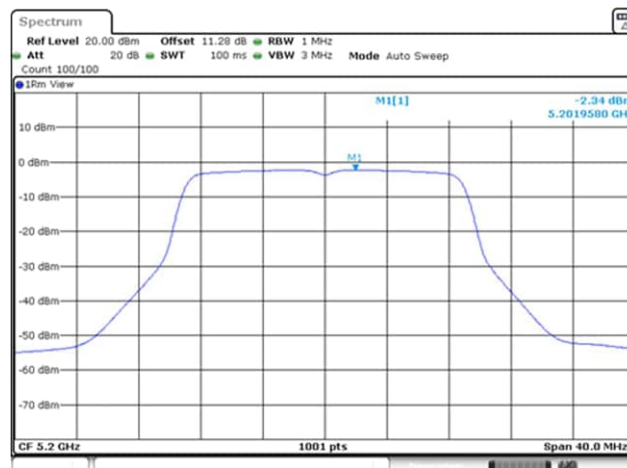
(5.6 GHz Band)
Channel: 144



[IEEE802.11n (HT20)]
(5.2 GHz Band)
Channel: 36



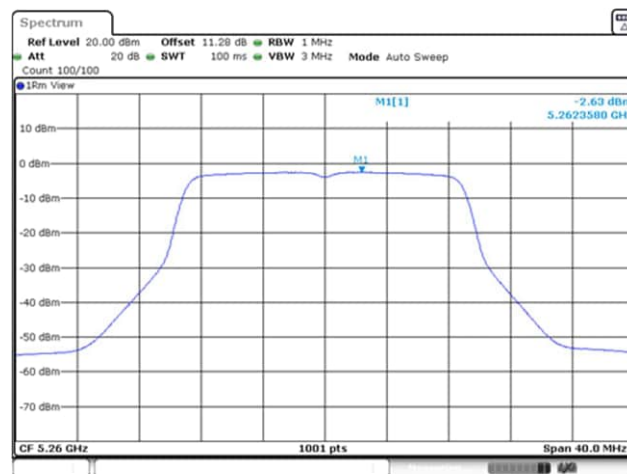
Channel: 40



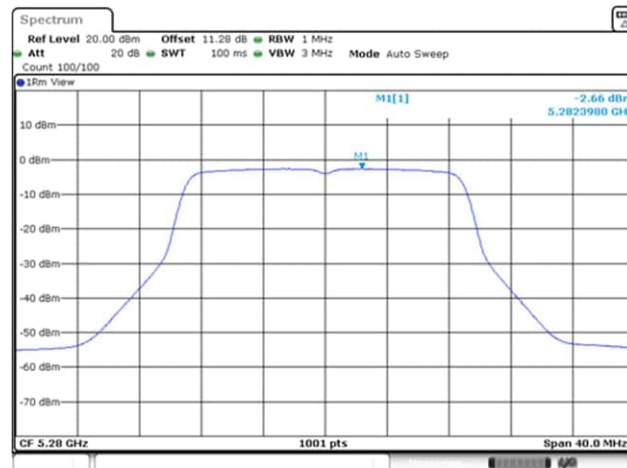
Channel: 48



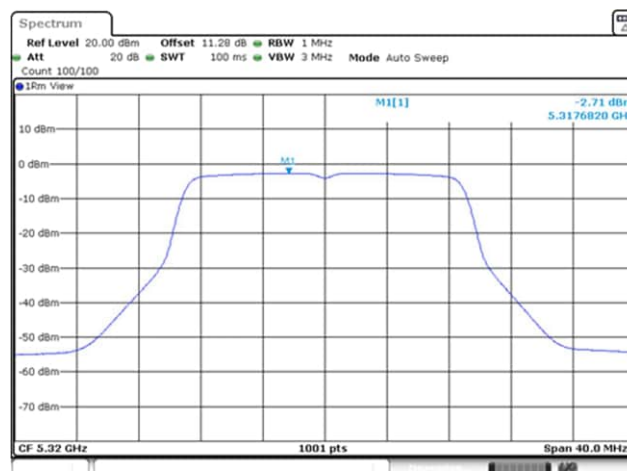
(5.3 GHz Band)
Channel: 52



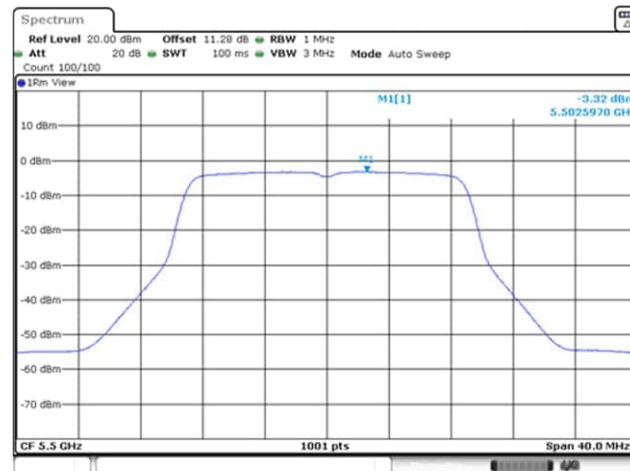
Channel: 56



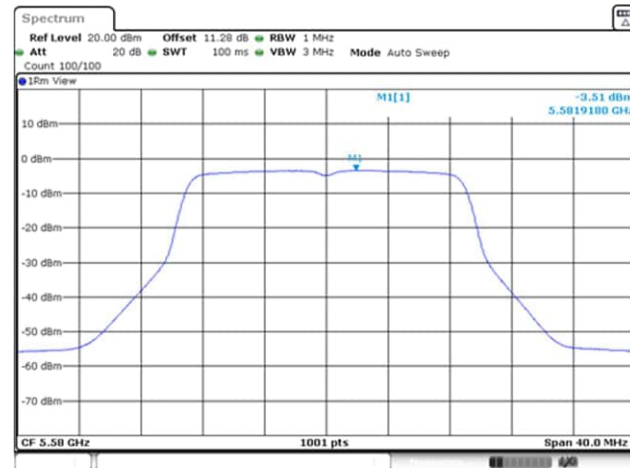
Channel: 64



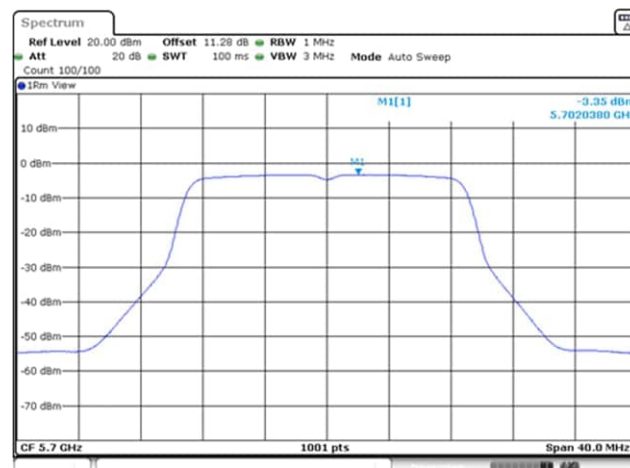
**(5.6 GHz Band)
Channel: 100**



Channel: 116



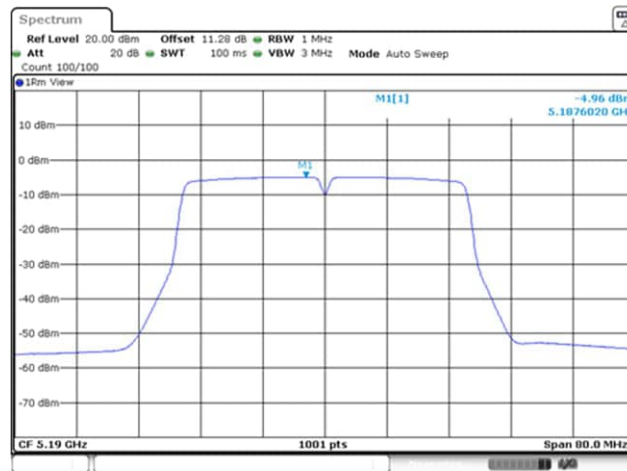
Channel: 140



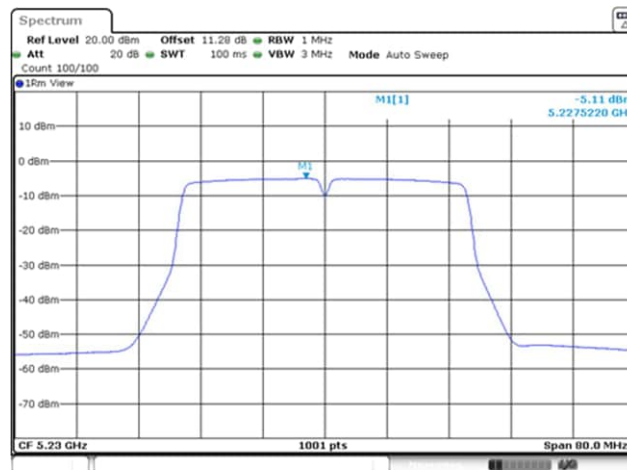
(5.6 GHz Band)
Channel: 144



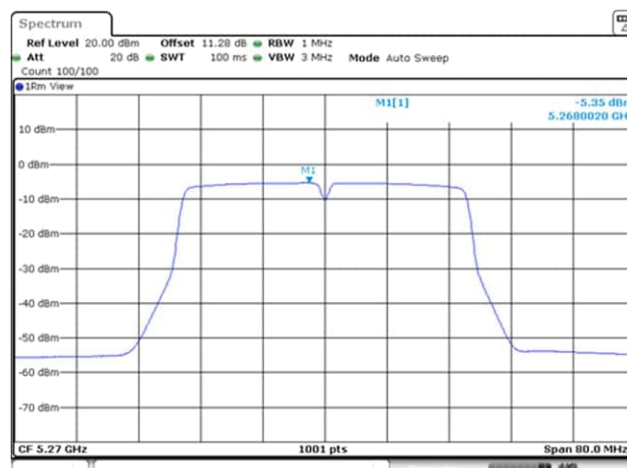
[IEEE802.11n (HT40)]
(5.2 GHz Band)
Channel: 38



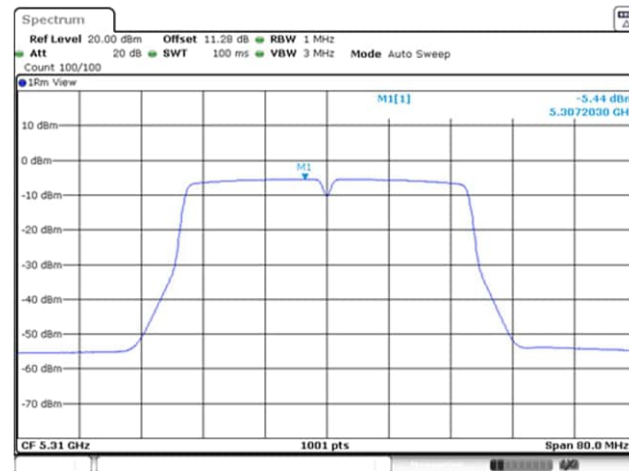
(5.2 GHz Band)
Channel: 46



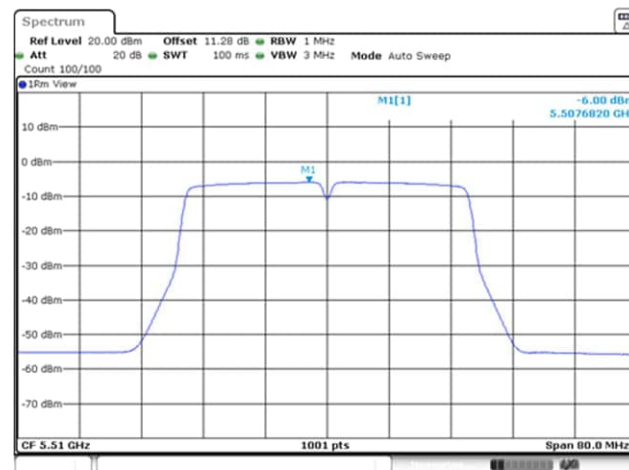
(5.3 GHz Band)
Channel: 54



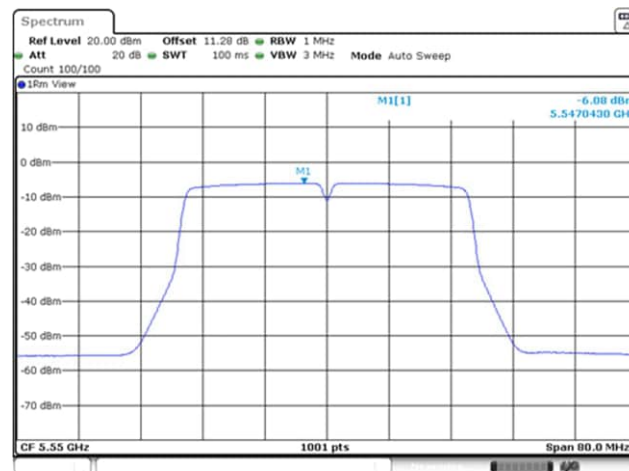
(5.3 GHz Band)
Channel: 62



(5.6 GHz Band)
Channel: 102



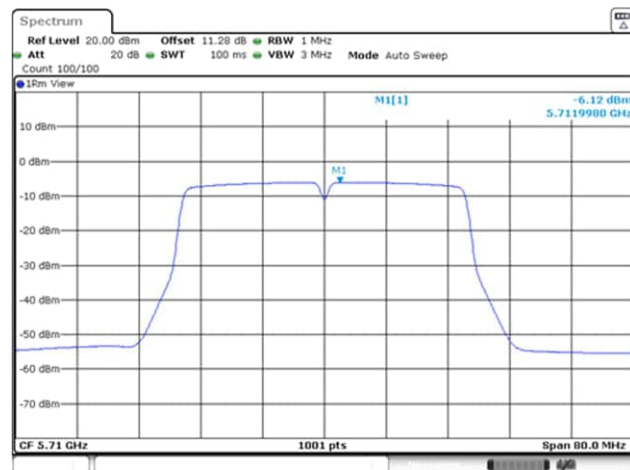
Channel: 110



**(5.6 GHz Band)
Channel: 134**



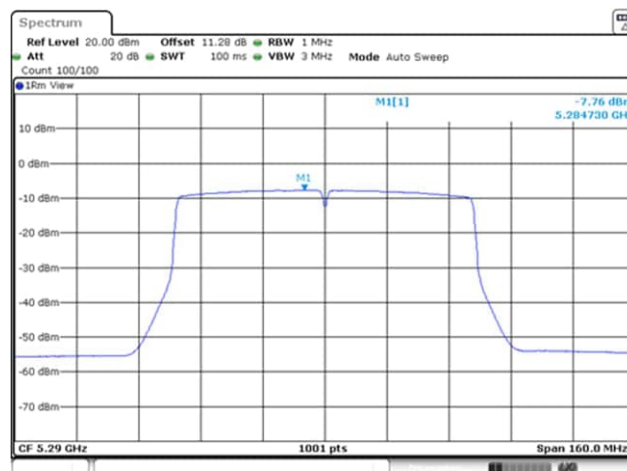
**(5.6 GHz Band)
Channel: 142**



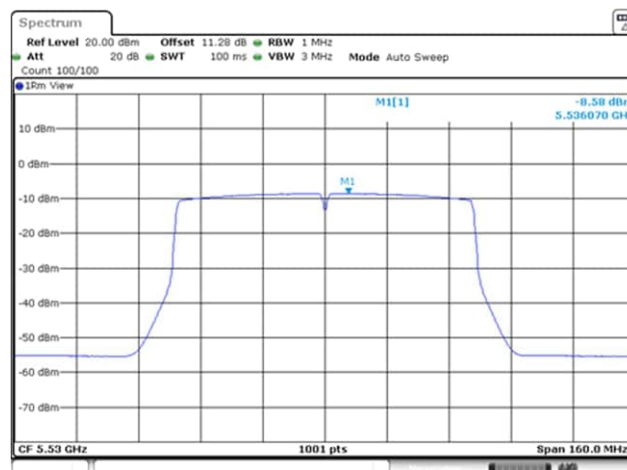
[IEEE802.11ac (HT80)]
(5.2 GHz Band)
Channel: 42



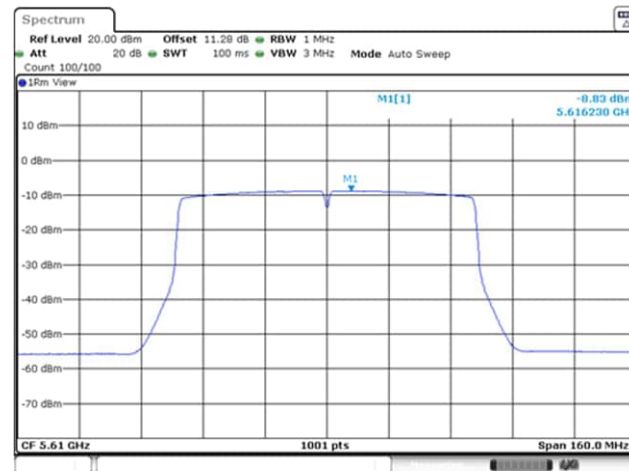
(5.3GHz Band)
Channel: 58



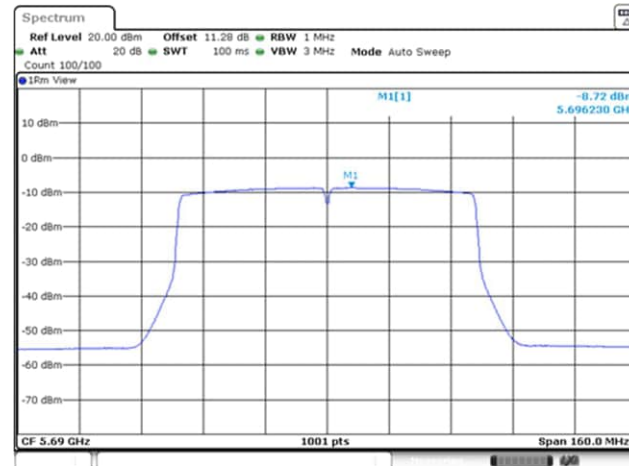
(5.6GHz Band)
Channel: 106



(5.6GHz Band)
Channel: 122



Channel: 138



4.4 Radiated Emissions (Restricted Bands of Operation)

4.4.1 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) 0.8 × (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 Broad-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.

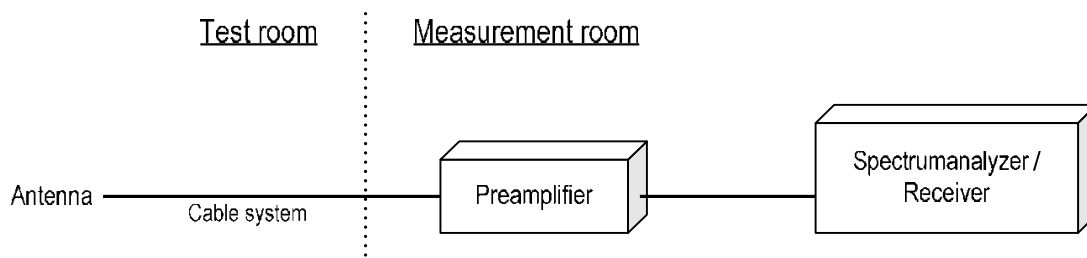
The EUT was set to operate with following conditions.

- 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	2.098	2.119	99.0	0.00
	W53	2.098	2.119	99.0	0.00
	W56	2.098	2.119	99.0	0.00
802.11n (20MHz)	W52	5.421	5.457	99.3	0.00
	W53	5.421	5.457	99.3	0.00
	W56	5.421	5.457	99.3	0.00
802.11n (40MHz)	W52	5.400	5.453	99.0	0.00
	W53	5.400	5.453	99.0	0.00
	W56	5.400	5.453	99.0	0.00
802.11ac (80MHz)	W52	5.400	5.453	99.0	0.00
	W53	5.400	5.453	99.0	0.00
	W56	5.400	5.453	99.0	0.00

Note: $DCF = 10\log(1/x)$

4.4.2 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

4.4.3 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.

4.4.4 Test data

Date : 26-November-2025
 Temperature : 21.2 [°C]
 Humidity : 33.2 [%]
 Test place : 3m Semi-anechoic chamber

Test engineer :
 Chiaki Kanno

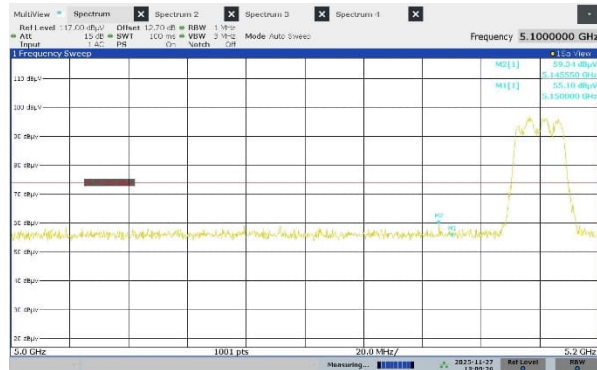
Date : 27-November-2025
 Temperature : 21.8 [°C]
 Humidity : 31.7 [%]
 Test place : 3m Semi-anechoic chamber

Test engineer :
 Chiaki Kanno

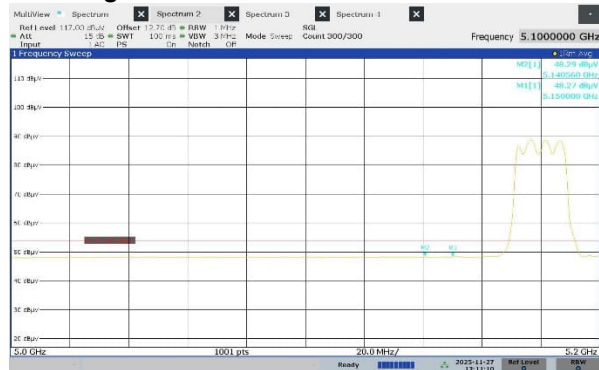
4.4.4.1 Restricted Bandedge

[IEEE802.11a]

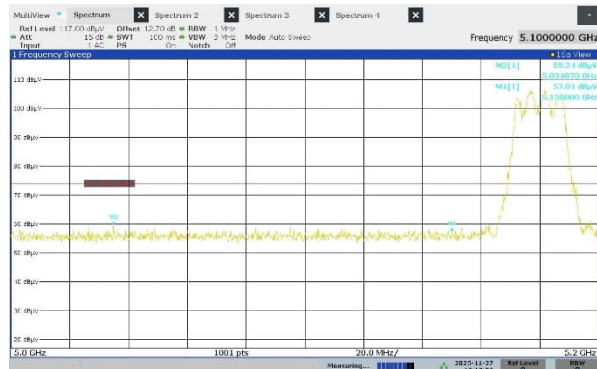
5.2 GHz Band, Channel Low Horizontal Peak



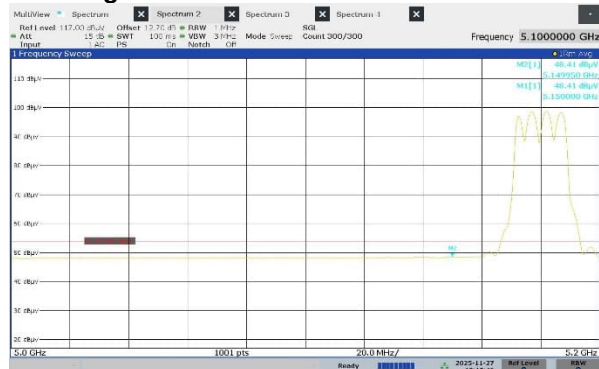
Average



Vertical Peak



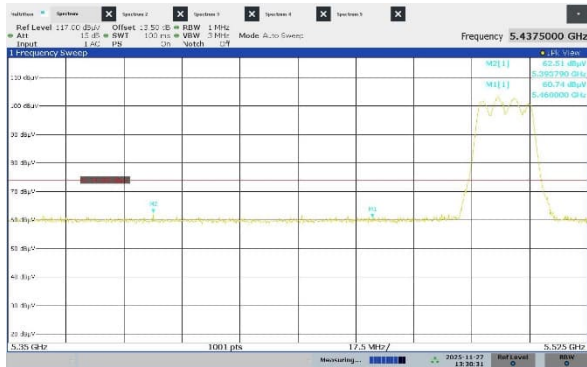
Average



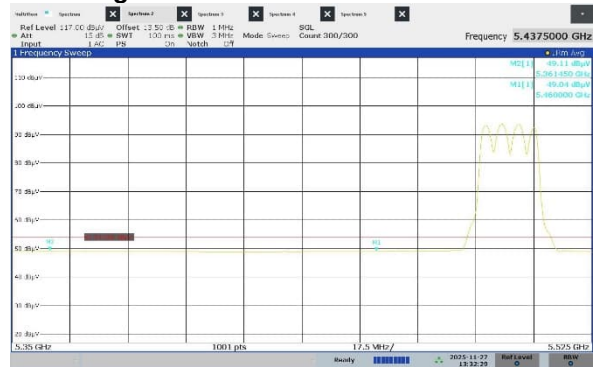
5.3 GHz Band, Channel High Horizontal Peak

[IEEE802.11a]

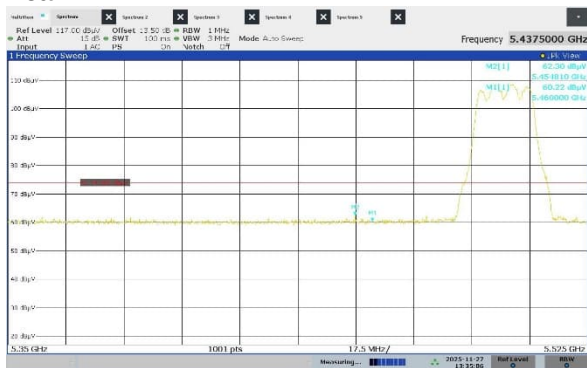
5.6 GHz Band, Channel Low Horizontal Peak



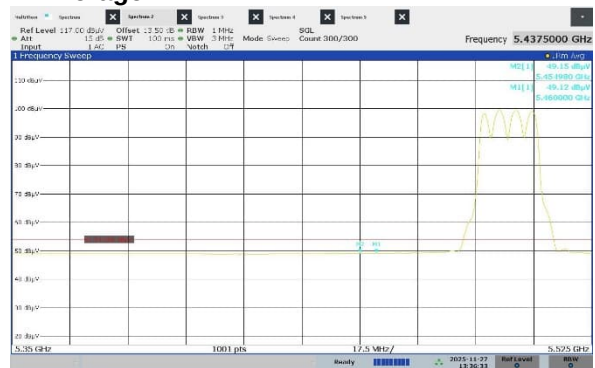
Average



Vertical Peak

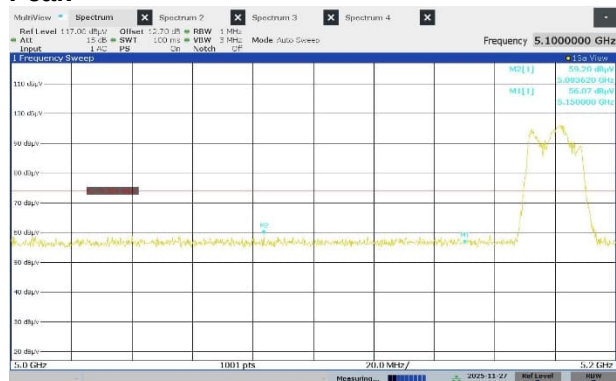


Average

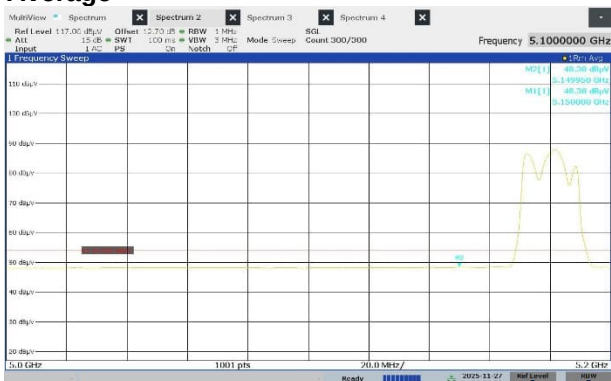


[IEEE802.11n (HT20)]

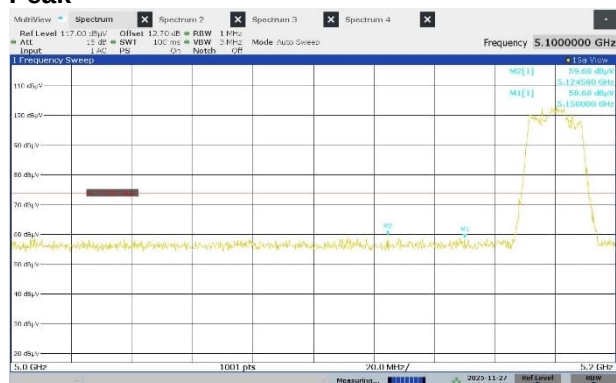
5.2 GHz Band, Channel Low Horizontal Peak



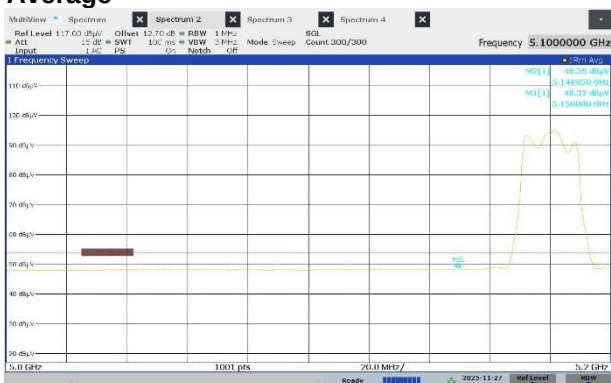
Average



Vertical Peak

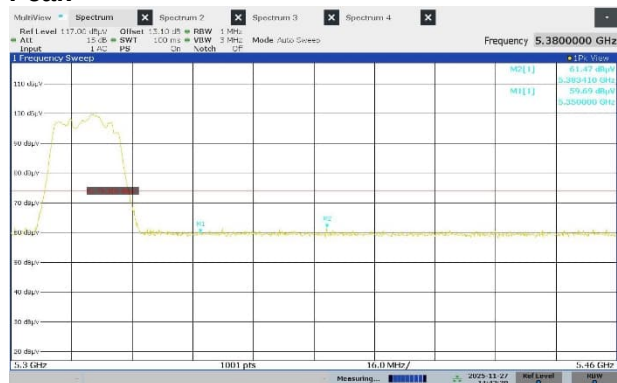


Average

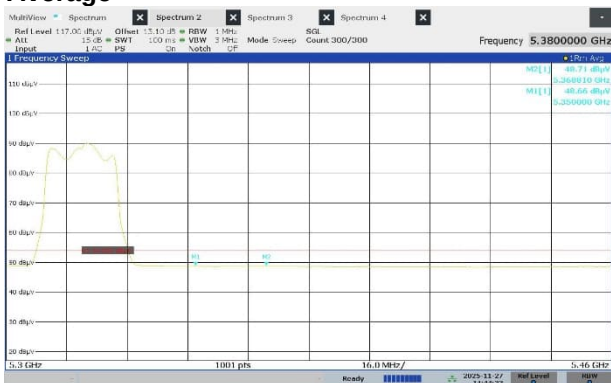


[IEEE802.11n (HT20)]

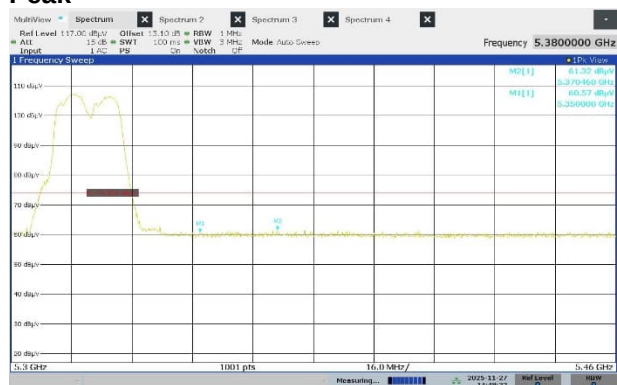
5.3 GHz Band, Channel High Horizontal Peak



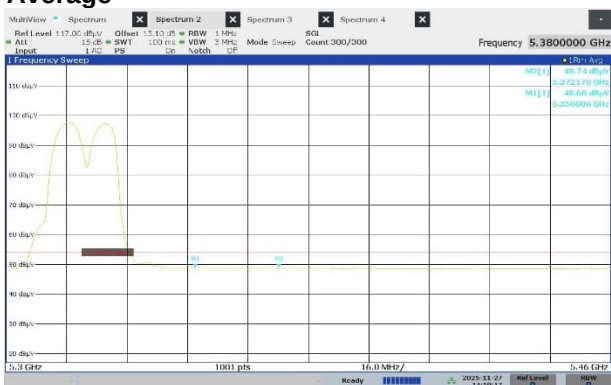
Average



Vertical Peak

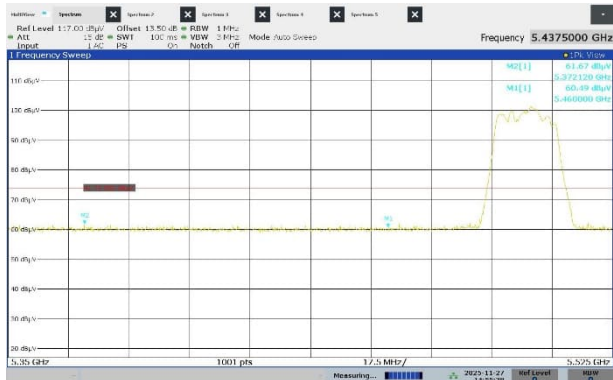


Average

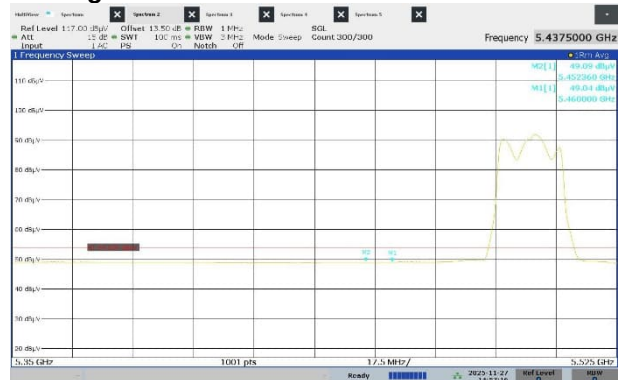


[IEEE802.11n (HT20)]

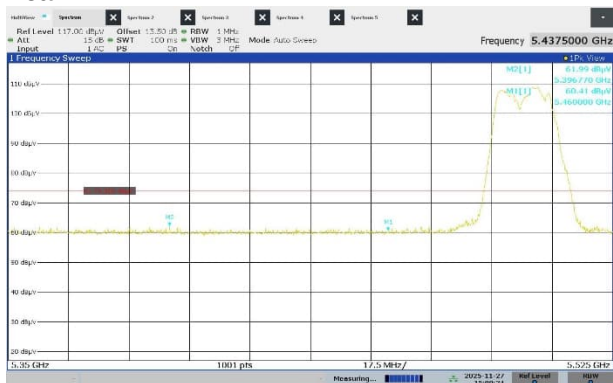
5.6 GHz Band, Channel Low Horizontal Peak



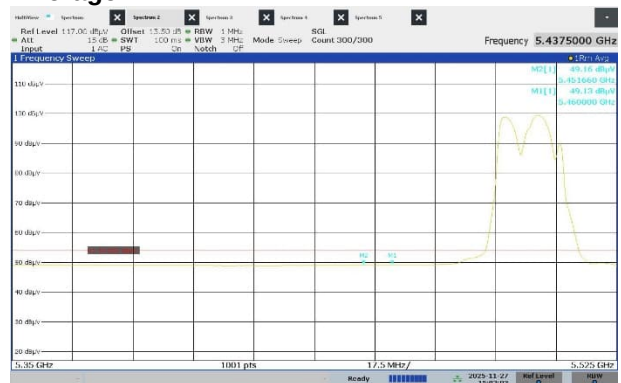
Average



Vertical Peak

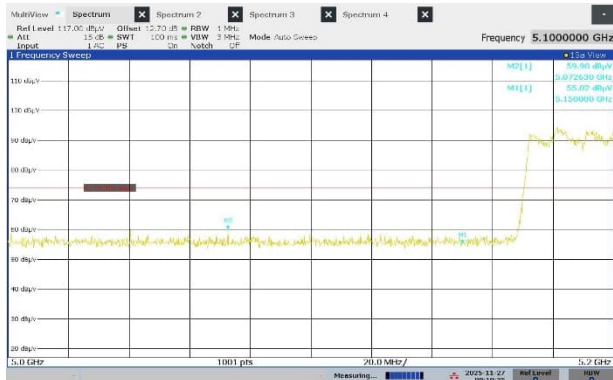


Average

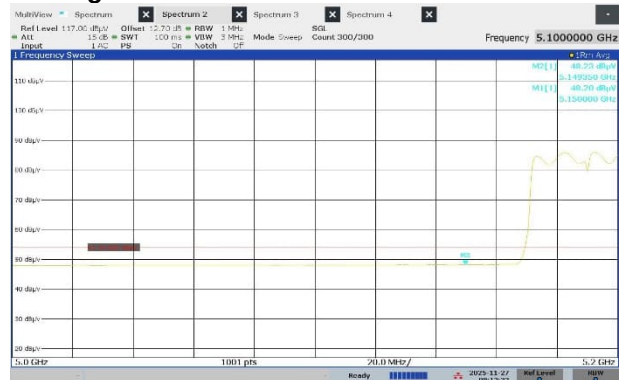


[IEEE802.11n (HT40)]

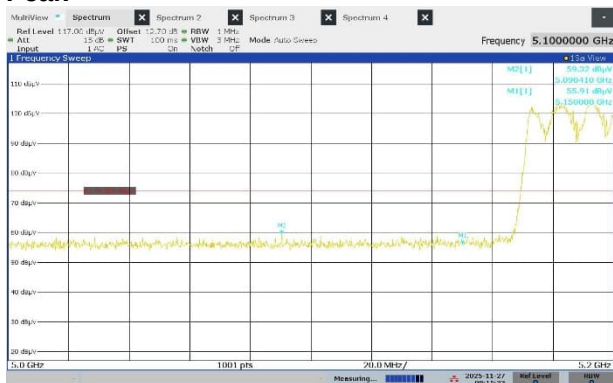
5.2 GHz Band, Channel Low Horizontal Peak



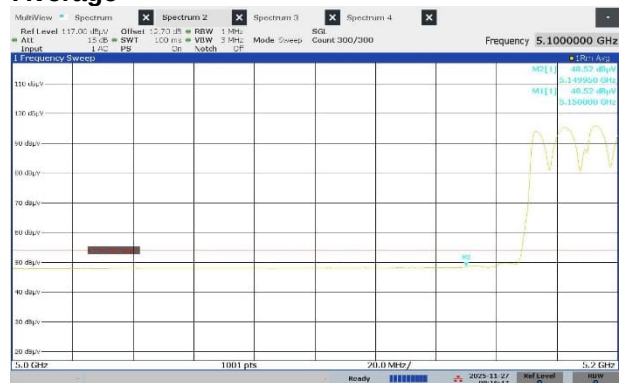
Average



Vertical Peak

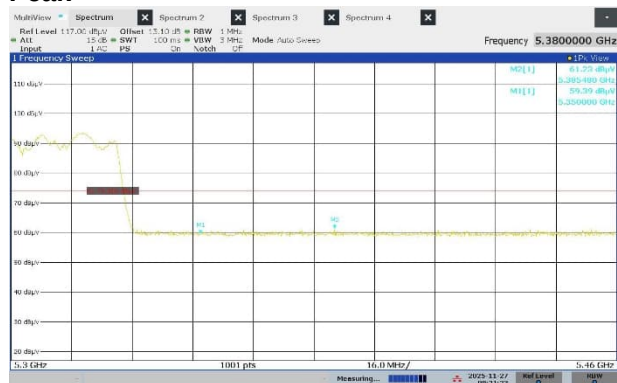


Average

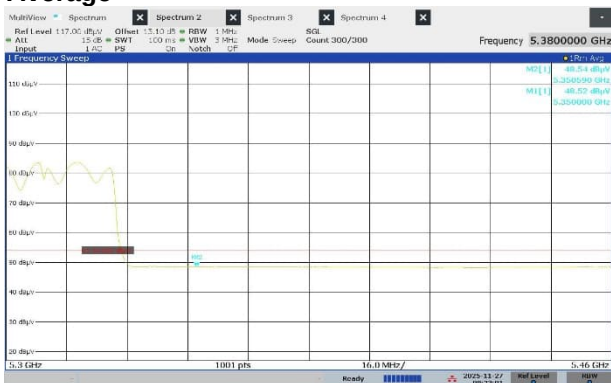


[IEEE802.11n (HT40)]

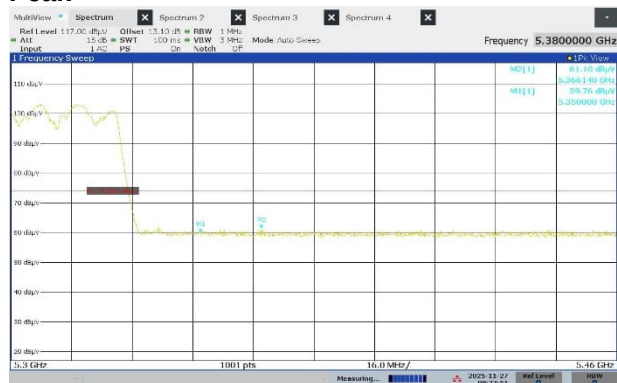
5.3 GHz Band, Channel High Horizontal Peak



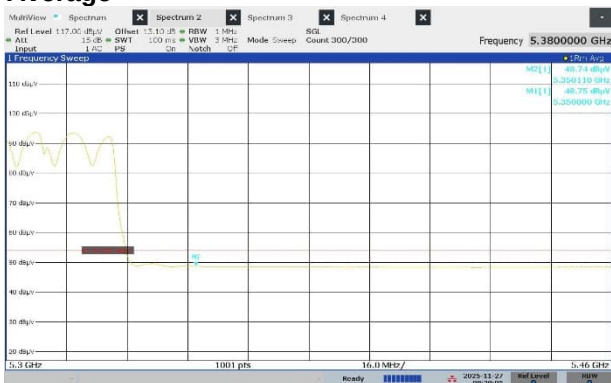
Average



Vertical Peak

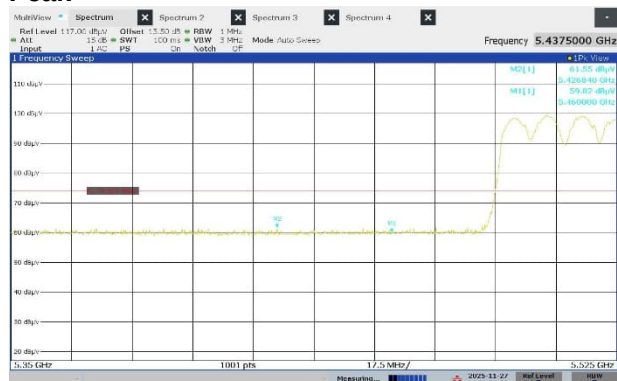


Average

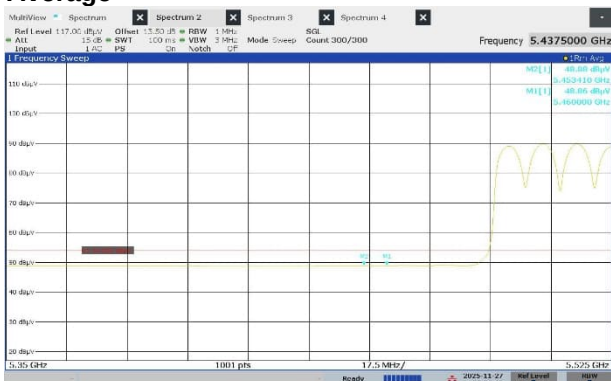


[IEEE802.11n (HT40)]

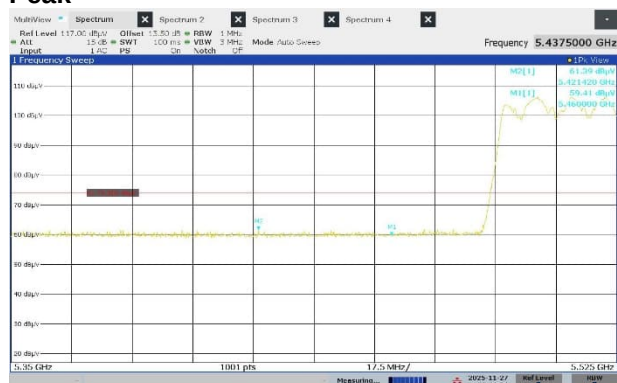
5.6 GHz Band, Channel Low Horizontal Peak



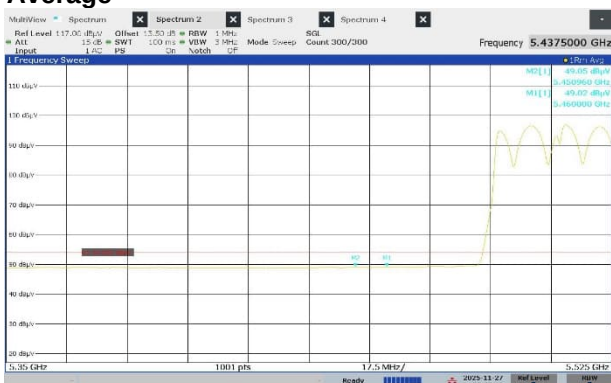
Average



Vertical Peak

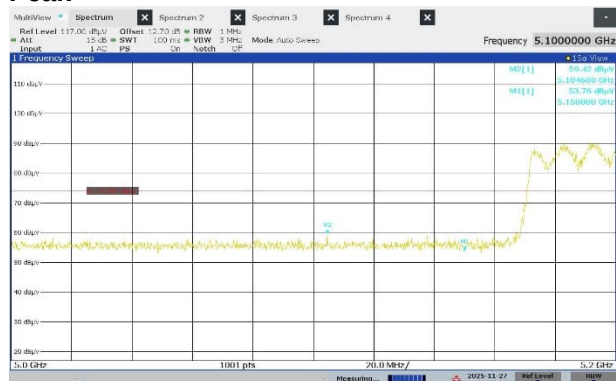


Average

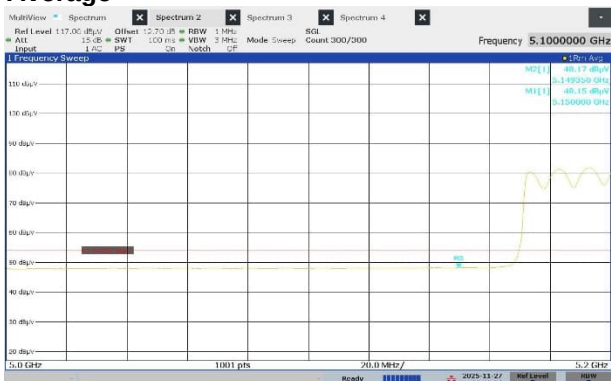


[IEEE802.11ac (VHT80)]

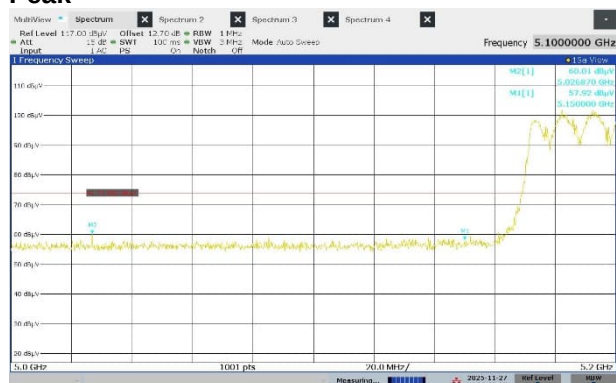
5.2 GHz Band, Channel Low Horizontal Peak



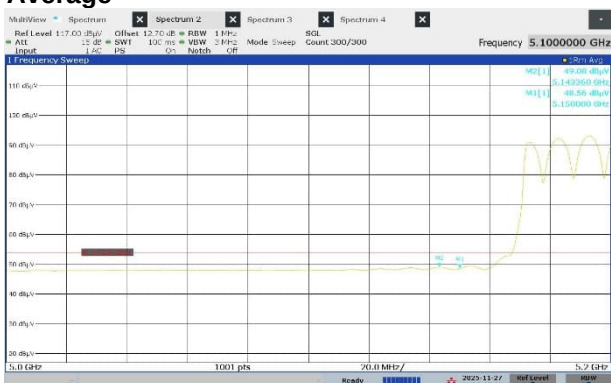
Average



Vertical Peak

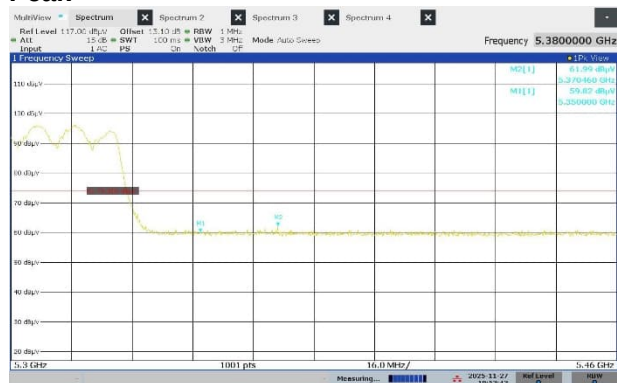


Average

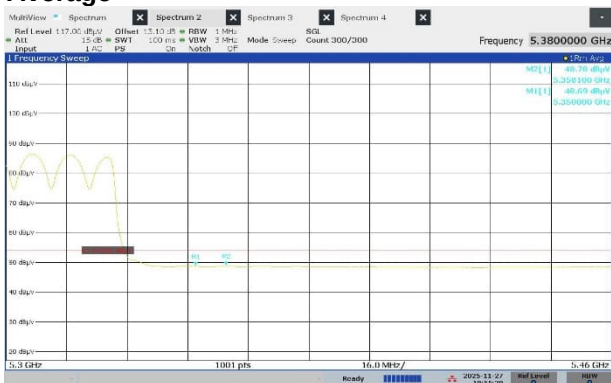


[IEEE802.11ac (VHT80)]

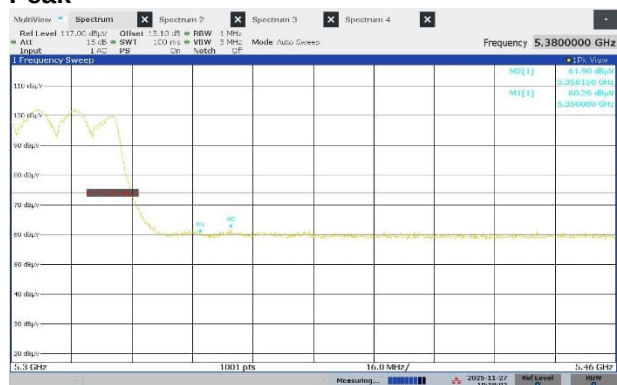
5.3 GHz Band, Channel High Horizontal Peak



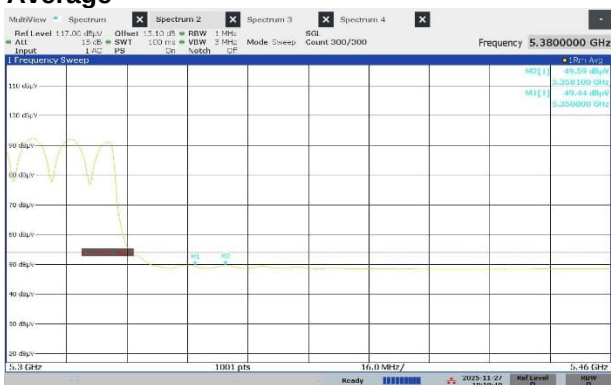
Average



Vertical Peak

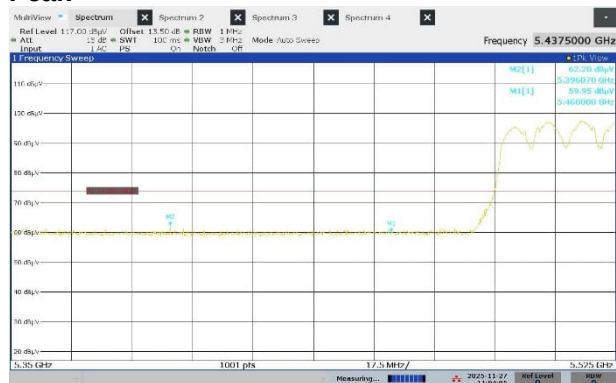


Average

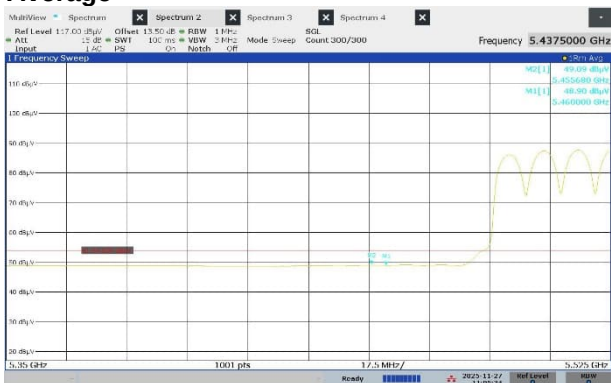


[IEEE802.11ac (VHT80)]

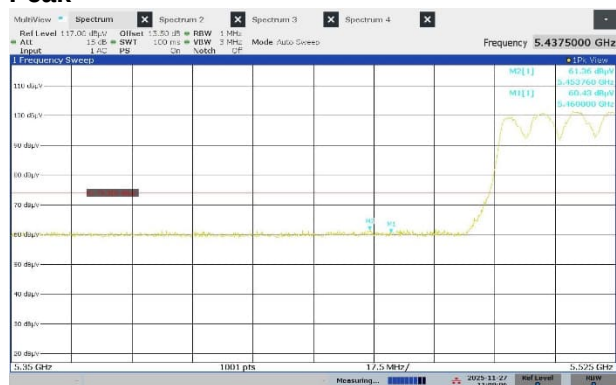
5.6 GHz Band, Channel Low Horizontal Peak



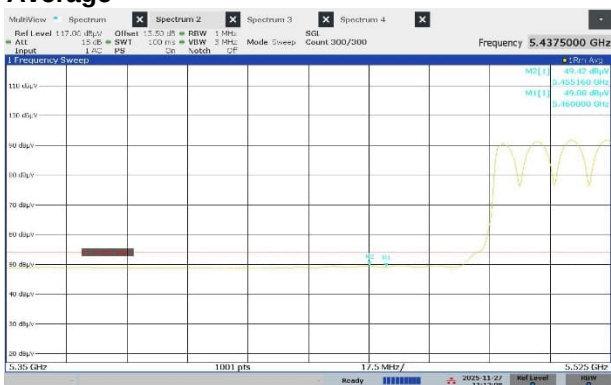
Average



Vertical Peak



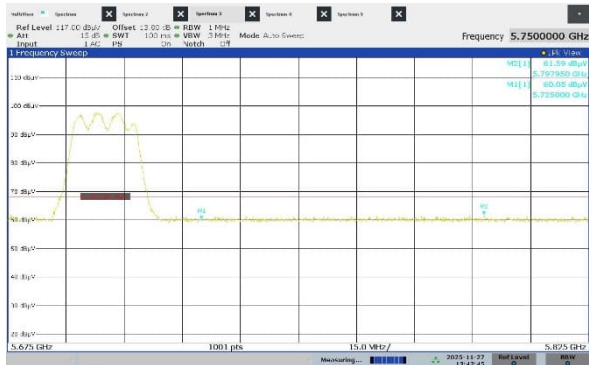
Average



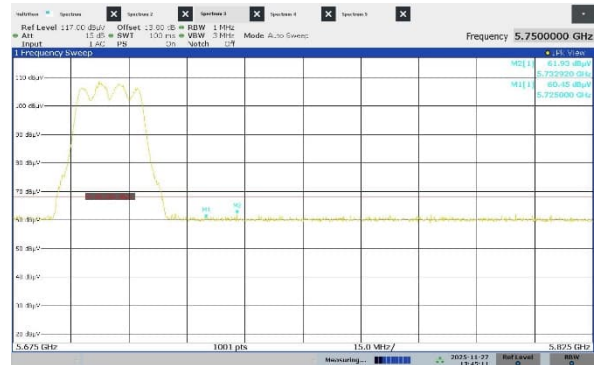
4.4.4.2 Non-Restricted Bandedge

[IEEE802.11a]

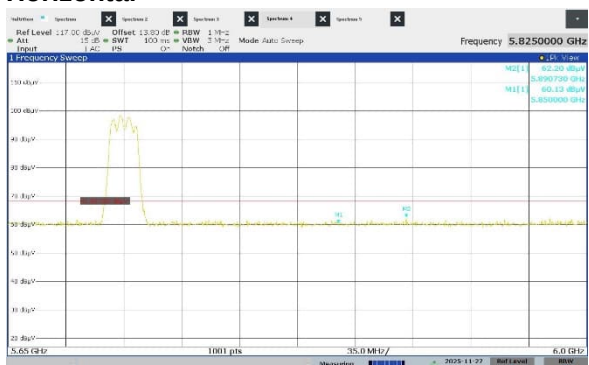
5.6 GHz Band, Channel High (140) Peak Horizontal



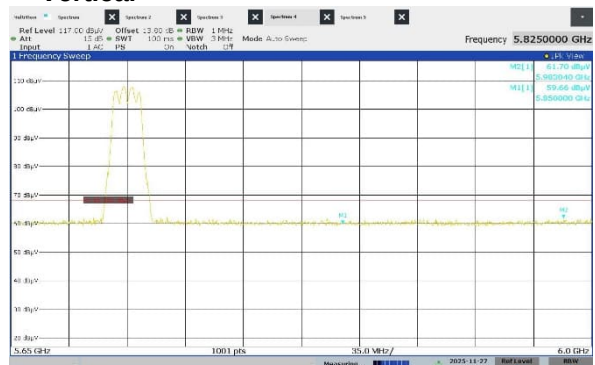
Vertical



5.6 GHz Band, Channel High (144) Peak Horizontal

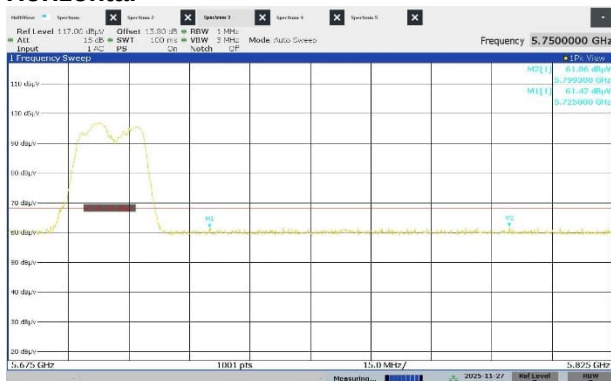


Vertical

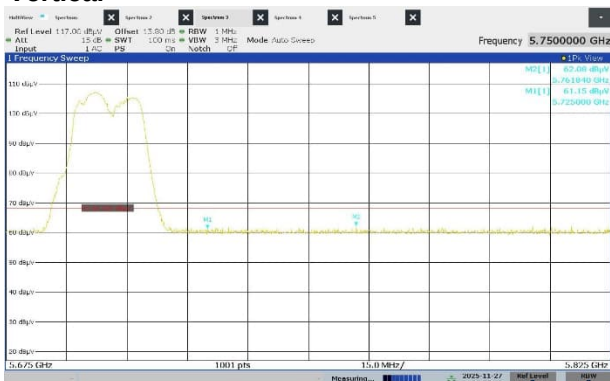


[IEEE802.11n (HT20)]

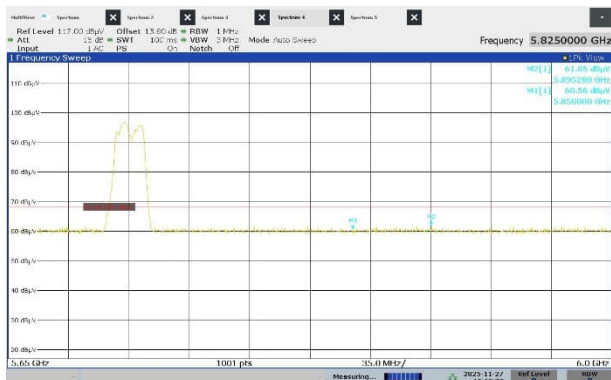
5.6 GHz Band, Channel High (140) Peak Horizontal



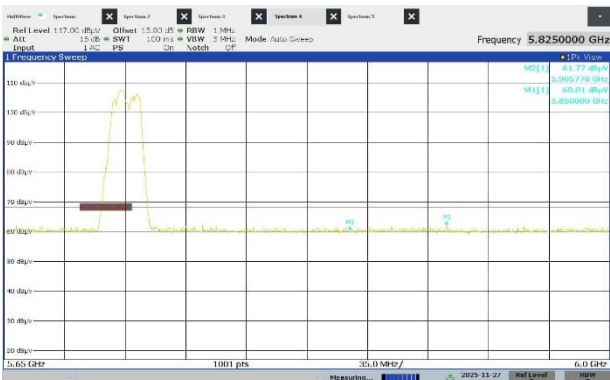
Vertical



5.6 GHz Band, Channel High (144) Peak Horizontal

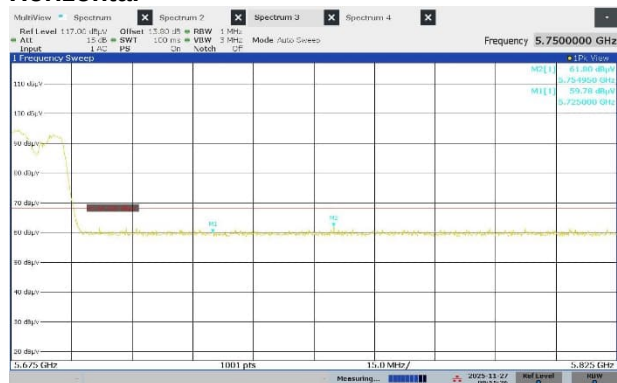


Vertical

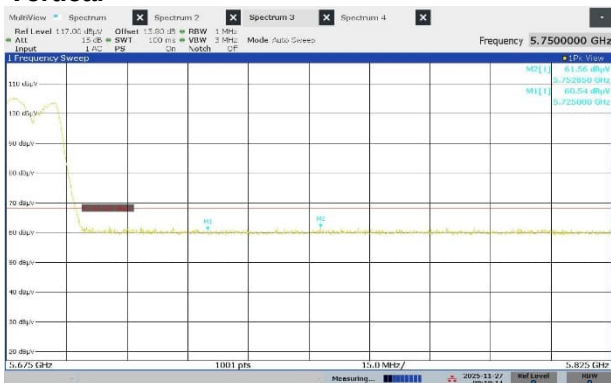


[IEEE802.11n (HT40)]

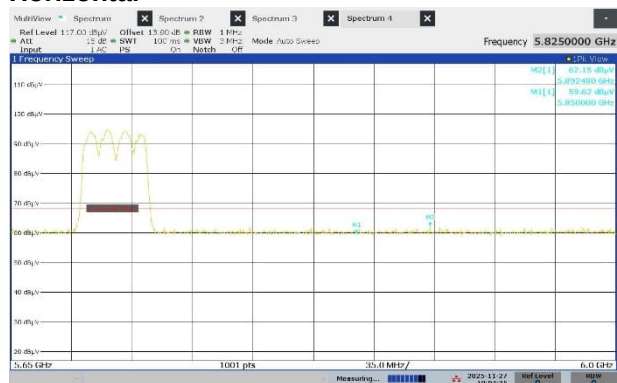
5.6GHz Band, Channel High (134) Peak Horizontal



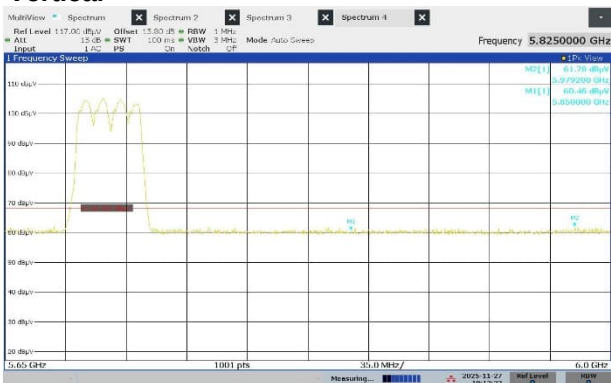
Vertical



5.6GHz Band, Channel High (142) Peak Horizontal

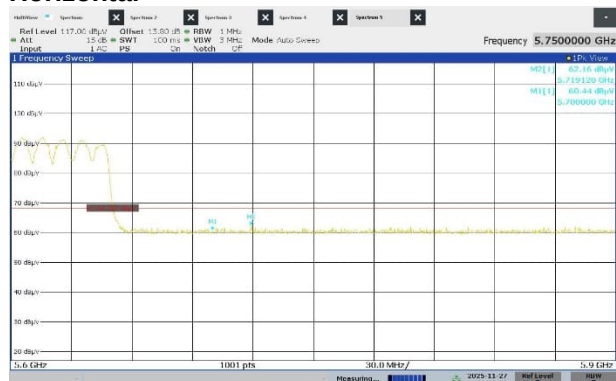


Vertical

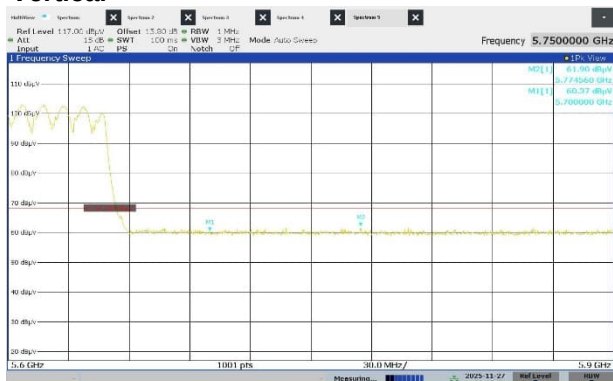


[IEEE802.11ac (VHT80)]

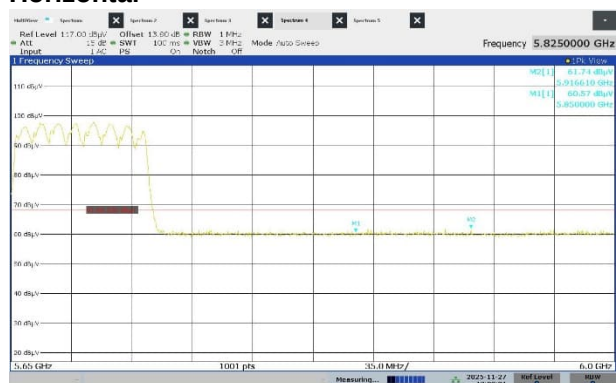
5.6 GHz Band, Channel High (122) Peak Horizontal



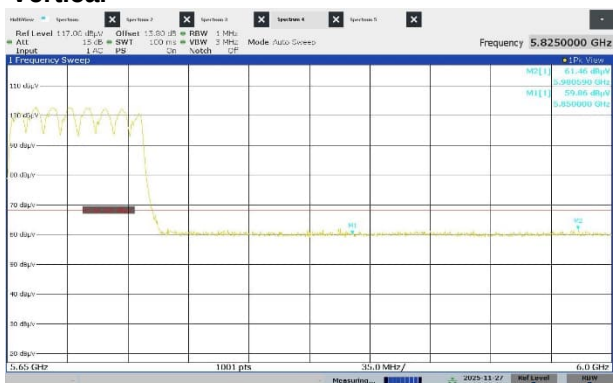
Vertical



5.6 GHz Band, Channel High (138) Peak Horizontal



Vertical



4.4.4.3 Radiated Emissions

Date	: 5-November-2025	Test engineer	:	<u>Tadahiro Seino</u>
Temperature	: 21.9 [°C]			
Humidity	: 34.1 [%]			
Test place	: 3m Semi-anechoic chamber			
Date	: 6-November-2025	Test engineer	:	<u>Tadahiro Seino</u>
Temperature	: 22.1 [°C]			
Humidity	: 31.6 [%]			
Test place	: 3m Semi-anechoic chamber			
Date	: 7-8-November-2025	Test engineer	:	<u>Tadahiro Seino</u>
Temperature	: 21.9 [°C]			
Humidity	: 36.4 [%]			
Test place	: 3m Semi-anechoic chamber			
Date	: 8-November-2025	Test engineer	:	<u>Tadahiro Seino</u>
Temperature	: 22.4 [°C]			
Humidity	: 33.2 [%]			
Test place	: 3m Semi-anechoic chamber			
Date	: 12-November-2025	Test engineer	:	<u>Tadahiro Seino</u>
Temperature	: 21.3 [°C]			
Humidity	: 31.6 [%]			
Test place	: 3m Semi-anechoic chamber			

**[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	43.6	12.3		55.9	68.2	12.3
			10360.00	V	PK	43.9	12.3		56.2	68.2	12.0
	40	5200	10400.00	H	PK	43.3	12.4		55.7	68.2	12.5
			10400.00	V	PK	43.5	12.4		55.9	68.2	12.3
	48	5240	10480.00	H	PK	43.2	12.7		55.9	68.2	12.3
			10480.00	V	PK	43.8	12.7		56.5	68.2	11.7

(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)
802.11a	52	5260	10520.00	H	PK	43.4	12.8		56.2	68.2	12.0
			10520.00	V	PK	43.5	12.8		56.3	68.2	11.9
	56	5280	10560.00	H	PK	43.3	12.9		56.2	68.2	12.0
			10560.00	V	PK	44.1	12.9		57.0	68.2	11.2
	64	5320	10640.00	H	PK	44.0	13.1		57.1	74.0	16.9
			10640.00	H	AV	31.5	13.1	0	44.6	54.0	9.4
			10640.00	V	PK	45.4	13.1		58.5	74.0	15.5
			10640.00	V	AV	31.6	13.1	0	44.7	54.0	9.3

(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	5469.80	H	PK	48.5	13.4		61.9	68.2	6.3
			5468.20	V	PK	48.3	13.4		61.7	68.2	6.5
			11000.00	H	PK	42.6	13.5		56.1	74.0	17.9
			11000.00	H	AV	30.2	13.5	0	43.7	54.0	10.3
			11000.00	V	PK	42.3	13.5		55.8	74.0	18.2
			11000.00	V	AV	30.1	13.5	0	43.6	54.0	10.4
	116	5580	11160.00	H	PK	44.3	13.6		57.9	74.0	16.1
			11160.00	H	AV	31.1	13.6	0	44.7	54.0	9.3
			11160.00	V	PK	43.7	13.6		57.3	74.0	16.7
			11160.00	V	AV	31.3	13.6	0	44.9	54.0	9.1
	140	5700	11400.00	H	PK	42.3	13.8		56.1	74.0	17.9
			11400.00	H	AV	29.8	13.8	0	43.6	54.0	10.4
			11400.00	V	PK	42.7	13.8		56.5	74.0	17.5
			11400.00	V	AV	29.7	13.8	0	43.5	54.0	10.5
	144	5720	11440.00	H	PK	42.5	13.8		56.3	74.0	17.7
			11440.00	H	AV	30.1	13.8	0	43.9	54.0	10.1
			11440.00	V	PK	42.5	13.8		56.3	74.0	17.7
			11440.00	V	AV	30.2	13.8	0	44.0	54.0	10.0

Note:

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

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

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (20MHz)	36	5180	10360.00	H	PK	43.7	12.3		56.0	68.2	12.2
			10360.00	V	PK	43.4	12.3		55.7	68.2	12.5
	40	5200	10400.00	H	PK	43.5	12.4		55.9	68.2	12.3
			10400.00	V	PK	43.7	12.4		56.1	68.2	12.1
	48	5240	10480.00	H	PK	43.1	12.7		55.8	68.2	12.4
			10480.00	V	PK	43.3	12.7		56.0	68.2	12.2

(5.3 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (20MHz)	52	5260	10520.00	H	PK	43.8	12.8		56.6	68.2	11.6
			10520.00	V	PK	43.1	12.8		55.9	68.2	12.3
	56	5280	10560.00	H	PK	43.5	12.9		56.4	68.2	11.8
			10560.00	V	PK	43.4	12.9		56.3	68.2	11.9
	64	5320	10640.00	H	PK	44.5	13.1		57.6	74.0	16.4
			10640.00	H	AV	31.4	13.1	0	44.5	54.0	9.5
			10640.00	V	PK	43.9	13.1		57.0	74.0	17.0
			10640.00	V	AV	31.5	13.1	0	44.6	54.0	9.4

(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	5463.10	H	PK	47.6	13.4		61.0	68.2	7.2
			5462.80	V	PK	47.4	13.4		60.8	68.2	7.4
			11000.00	H	PK	42.5	13.5		56.0	74.0	18.0
			11000.00	H	AV	30.1	13.5	0	43.6	54.0	10.4
			11000.00	V	PK	42.7	13.5		56.2	74.0	17.8
			11000.00	V	AV	30.2	13.5	0	43.7	54.0	10.3
	116	5580	11160.00	H	PK	43.7	13.6		57.3	74.0	16.7
			11160.00	H	AV	31.1	13.6	0	44.7	54.0	9.3
			11160.00	V	PK	43.4	13.6		57.0	74.0	17.0
			11160.00	V	AV	31.2	13.6	0	44.8	54.0	9.2
	140	5700	11400.00	H	PK	42.4	13.8		56.2	74.0	17.8
			11400.00	H	AV	29.7	13.8	0	43.5	54.0	10.5
			11400.00	V	PK	42.5	13.8		56.3	74.0	17.7
			11400.00	V	AV	29.8	13.8	0	43.6	54.0	10.4
	144	5720	11440.00	H	PK	41.9	13.8		55.7	74.0	18.3
			11440.00	H	AV	29.6	13.8	0	43.4	54.0	10.6
			11440.00	V	PK	42.4	13.8		56.2	74.0	17.8
			11440.00	V	AV	29.7	13.8	0	43.5	54.0	10.5

Note:

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

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

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (40MHz)	38	5190	10380.00	H	PK	43.5	12.3		55.8	68.2	12.4
			10380.00	V	PK	43.6	12.3		55.9	68.2	12.3
	46	5230	10460.00	H	PK	43.1	12.6		55.7	68.2	12.5
			10460.00	V	PK	43.4	12.6		56.0	68.2	12.2

(5.3 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (40MHz)	54	5270	10540.00	H	PK	43.3	12.8		56.1	68.2	12.1
			10540.00	V	PK	43.2	12.8		56.0	68.2	12.2
	62	5310	10620.00	H	PK	43.8	13.0		56.8	74.0	17.2
			10620.00	H	AV	30.9	13.0	0	43.9	54.0	10.1
			10620.00	V	PK	43.9	13.0		56.9	74.0	17.1
			10620.00	V	AV	30.8	13.0	0	43.8	54.0	10.2

(5.6 GHz Band)

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11n (40MHz)	102	5510	5468.20	H	PK	45.6	13.4		59.0	68.2	9.2
			5468.90	V	PK	47.5	13.4		60.9	68.2	7.3
			11020.00	H	PK	44.1	13.5		57.6	74.0	16.4
			11020.00	H	AV	30.4	13.5	0	43.9	54.0	10.1
	110	5550	11020.00	V	PK	42.8	13.5		56.3	74.0	17.7
			11020.00	V	AV	30.3	13.5	0	43.8	54.0	10.2
			11100.00	H	PK	43.7	13.5		57.2	74.0	16.8
			11100.00	H	AV	30.5	13.5	0	44.0	54.0	10.0
	134	5670	11100.00	V	PK	43.1	13.5		56.6	74.0	17.4
			11100.00	V	AV	30.4	13.5	0	43.9	54.0	10.1
			11340.00	H	PK	42.8	13.7		56.5	74.0	17.5
			11340.00	H	AV	30.4	13.7	0	44.1	54.0	9.9
	142	5710	11340.00	V	PK	42.7	13.7		56.4	74.0	17.6
			11340.00	V	AV	30.3	13.7	0	44.0	54.0	10.0
			11420.00	H	PK	43.7	13.8		57.5	74.0	16.5
			11420.00	H	AV	31.4	13.8	0	45.2	54.0	8.8

Note:

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

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

Mode	Channel	Frequency (MHz)	Frequency (MHz)	ANT H/V	Detector PK/AV	Reading (dBμV)	C.F (dB)	DCF (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
802.11ac (80MHz)	42	5210	10420.00	H	PK	44.7	12.5		57.2	68.2	11.0
			10420.00	V	PK	45.4	12.5		57.9	68.2	10.3

(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	44.5	12.9		57.4	68.2	10.8
			10580.00	V	PK	44.7	12.9		57.6	68.2	10.6

(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	5467.60	H	PK	48.1	13.4		61.5	68.2	6.7
			5463.40	V	PK	48.5	13.4		61.9	68.2	6.3
			11060.00	H	PK	44.3	13.6		57.9	74.0	16.1
			11060.00	H	AV	31.8	13.6	0.000	45.4	54.0	8.6
			11060.00	V	PK	44.2	13.6		57.8	74.0	16.2
			11060.00	V	AV	31.7	13.6	0.000	45.3	54.0	8.7
	122	5610	11220.00	H	PK	45.6	13.6		59.2	74.0	14.8
			11220.00	H	AV	32.4	13.6	0.000	46.0	54.0	8.0
			11220.00	V	PK	44.8	13.6		58.4	74.0	15.6
			11220.00	V	AV	32.3	13.6	0.000	45.9	54.0	8.1
	138	5690	11380.00	H	PK	44.0	13.8		57.8	74.0	16.2
			11380.00	H	AV	31.6	13.8	0.000	45.4	54.0	8.6
			11380.00	V	PK	43.9	13.8		57.7	74.0	16.3
			11380.00	V	AV	31.7	13.8	0.000	45.5	54.0	8.5

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.

4.4.4.4 Measurement chart

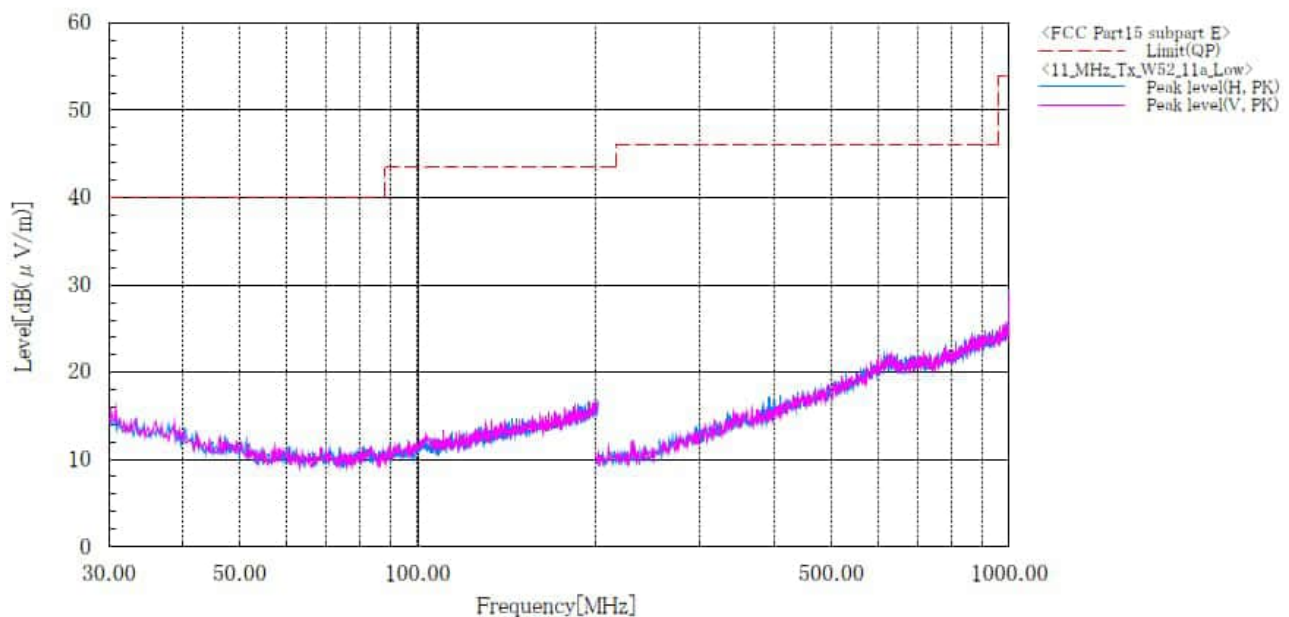
Transmission mode

[11a]

5.2 GHz Band / Channel Low
BELOW 1GHz(Worst)

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1220
Serial No. : 353379980000799
Test mode : WLAN_W52_11a_Tx_CH:Low

Sheet No. : 11
Standard : FCC Part15 subpart E
Operator : T.Seino
Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
Note1 : CH:36(5180MHz), 1SS, Chain: Both



Final Result

Note:

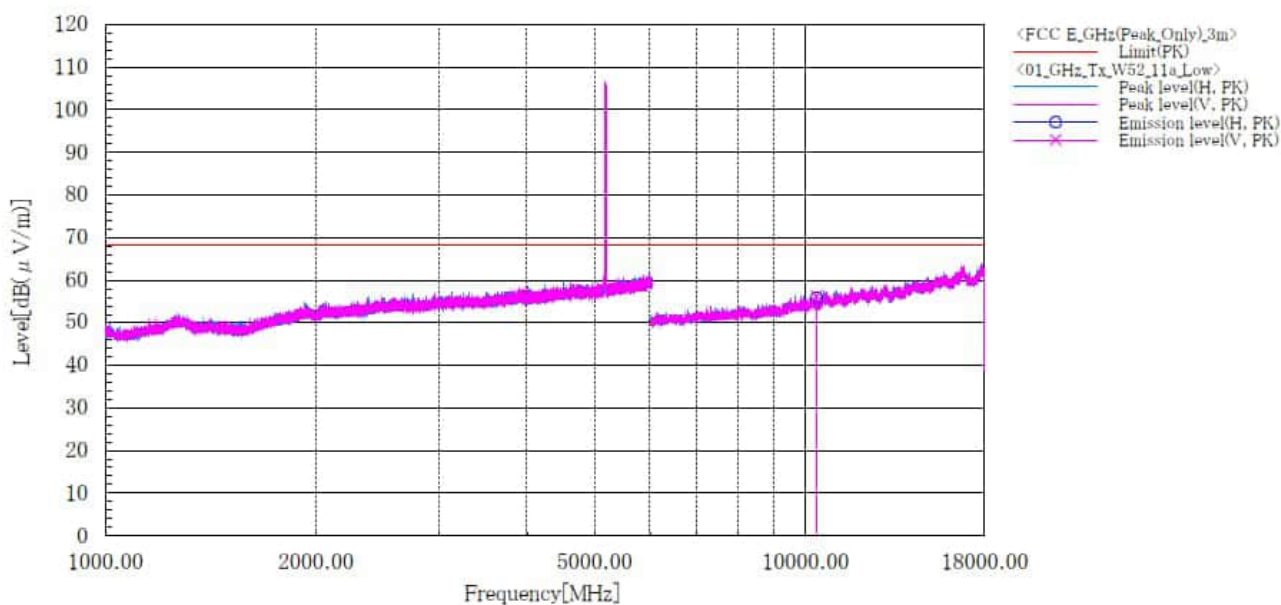
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable - Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11a]

**5.2 GHz Band / Channel Low
ABOVE 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11a_Tx_Ch:Low

Sheet No. : 01
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
 Note1 : Ch:36(5180MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10360.000	H	43.6	12.3	55.9	68.2	12.3	100.0	174.0
2	10360.000	V	43.9	12.3	56.2	68.2	12.0	172.0	163.0

Note:

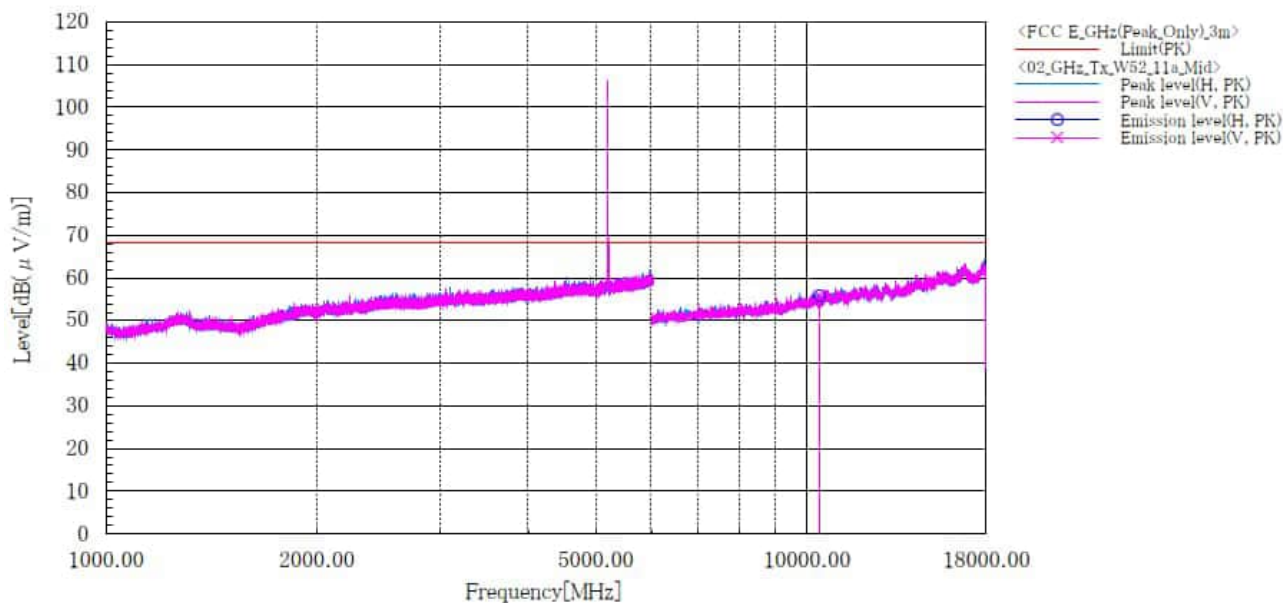
- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]

**5.2 GHz Band / Channel Middle
ABOVE 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11a_Tx_Ch:Mid

Sheet No. : 02
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
 Note1 : Ch:40(5200MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10400.000	H	43.3	12.4	55.7	68.2	12.5	215.0	249.0
2	10400.000	V	43.5	12.4	55.9	68.2	12.3	170.0	177.0

Note:

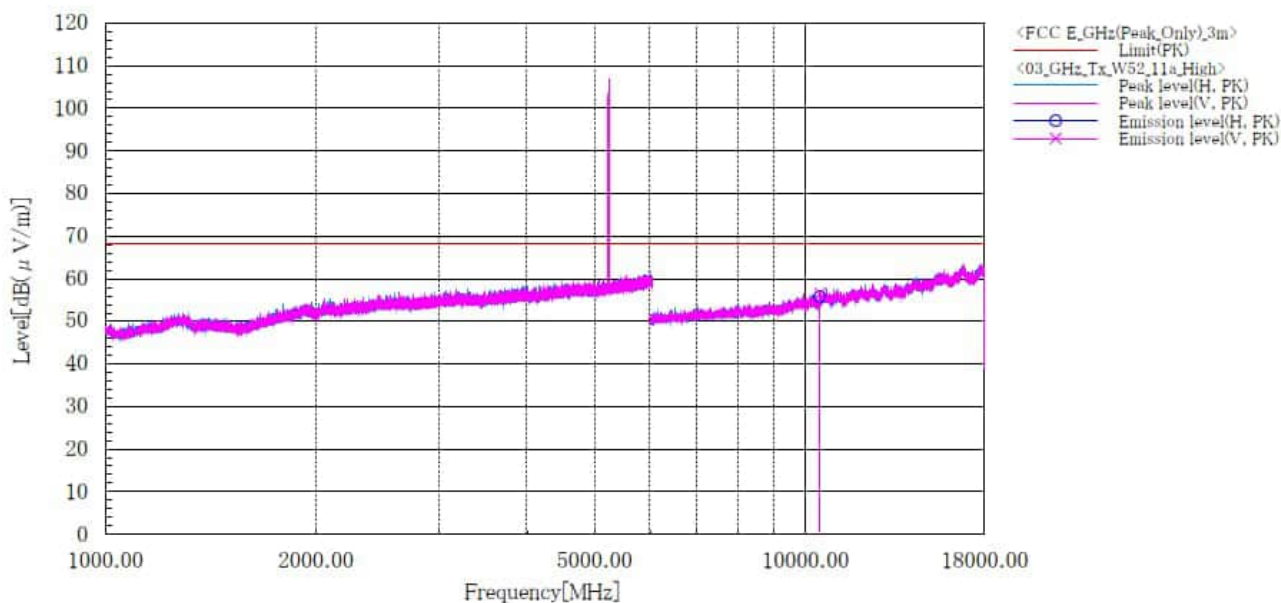
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]

**5.2 GHz Band / Channel High
ABOVE 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11a_Tx_Ch:High

Sheet No. : 03
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
 Note1 : Ch:48(5240MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10480.000	H	43.2	12.7	55.9	68.2	12.3	216.0	249.0
2	10480.000	V	43.8	12.7	56.5	68.2	11.7	167.0	183.0

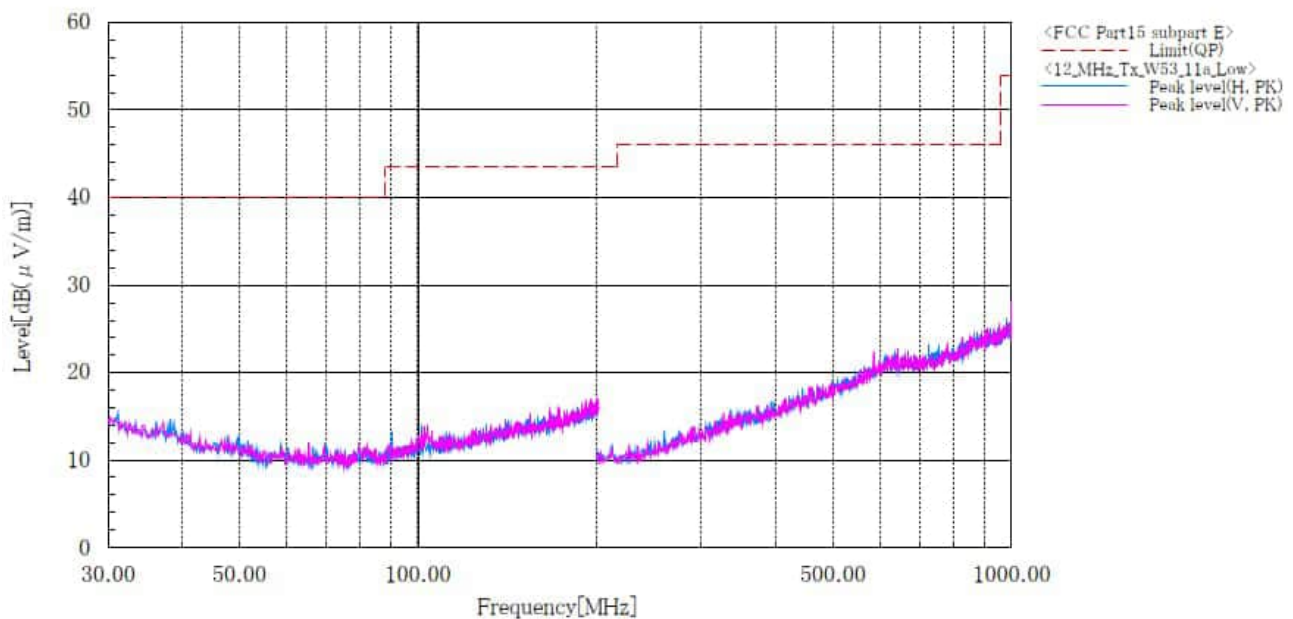
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11a_Tx,CH:Low

Sheet No. : 12
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [° C] 31.6 [%]
 Note1 : CH:52(5260MHz), 1SS, Chain: Both

**Final Result****Note:**

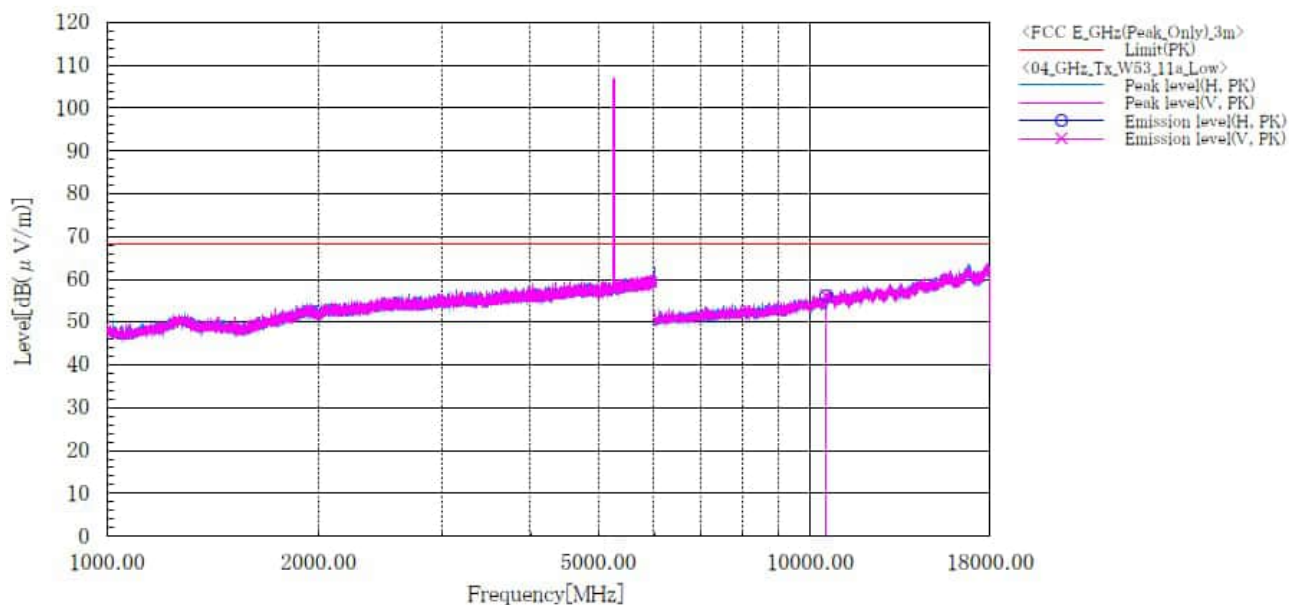
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11a]

**5.3 GHz Band / Channel Low
ABOVE 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11a_Tx_Ch:Low

Sheet No. : 04
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
 Note1 : Ch:52(5260MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10520.000	H	43.4	12.8	56.2	68.2	12.0	209.0	238.0
2	10520.000	V	43.5	12.8	56.3	68.2	11.9	165.0	179.0

Note:

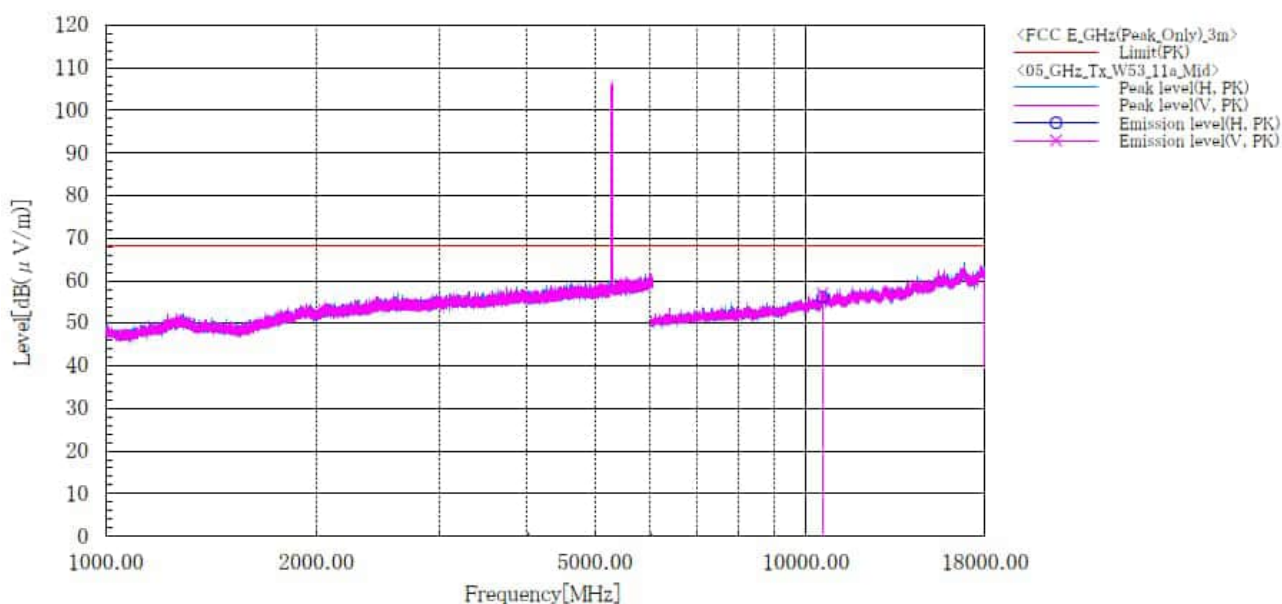
- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]

5.3 GHz Band / Channel Middle
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11a_Tx_Ch:Mid

Sheet No. : 05
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
 Note1 : Ch:56(5280MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10560.000	H	43.3	12.9	56.2	68.2	12.0	220.0	240.0
2	10560.000	V	44.1	12.9	57.0	68.2	11.2	164.0	171.0

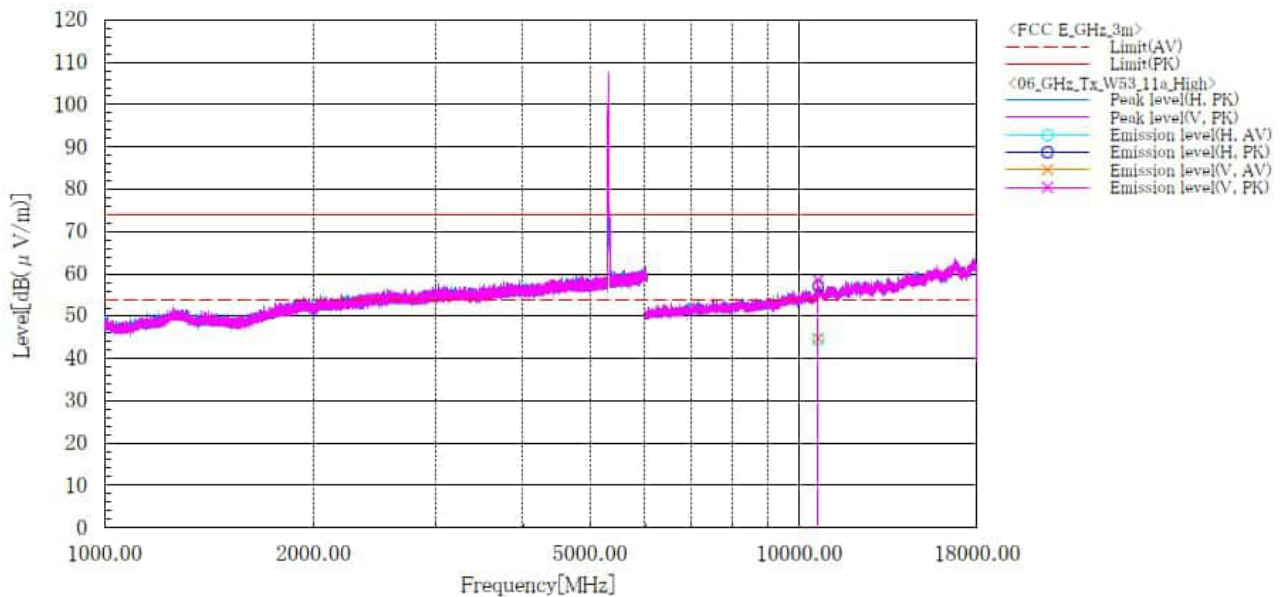
Note:

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]
5.3 GHz Band / Channel High
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11a_Tx_Ch:High

Sheet No. : 06
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
 Note1 : Ch:64(5320MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10640.000	H	31.5	44.0	13.1	44.6	57.1	54.0	74.0	9.4	16.9	213.0	248.0
2	10640.000	V	31.6	45.4	13.1	44.7	58.5	54.0	74.0	9.3	15.5	162.0	206.0

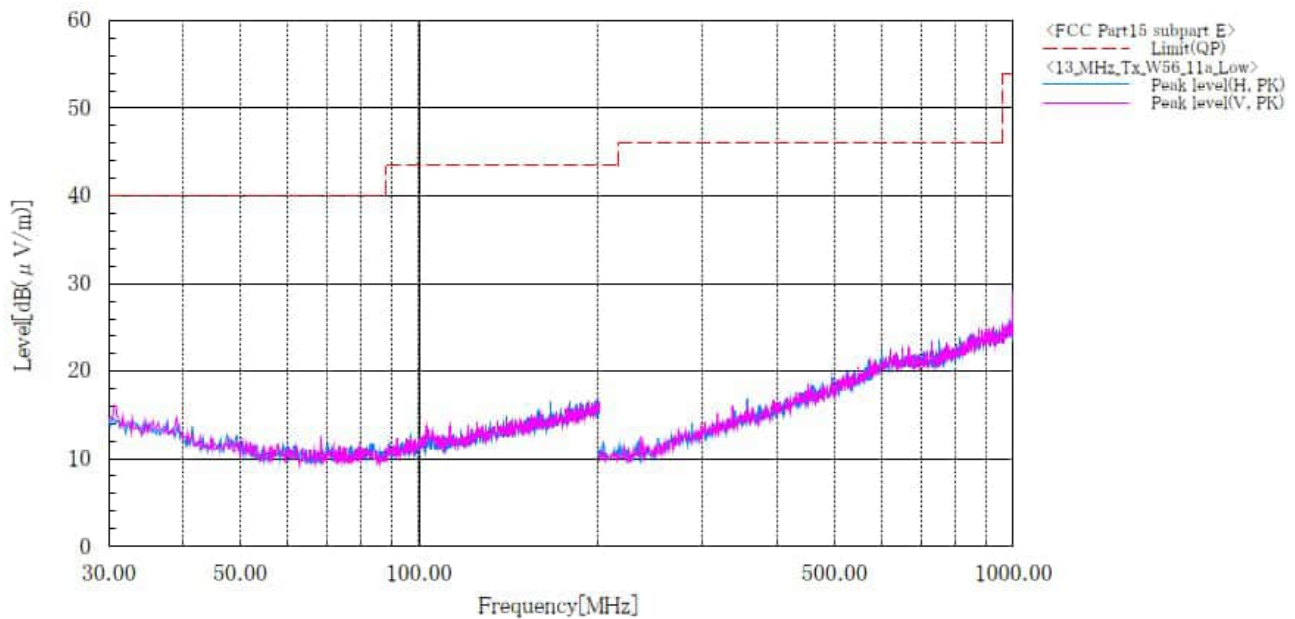
Note:

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

[11a]**5.6 GHz Band / Channel Low
BELOW 1GHz(Worst)**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11a_Tx_CH:Low

Sheet No. : 13
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:100(5500MHz), 1SS, Chain: Both



Final Result

Note:

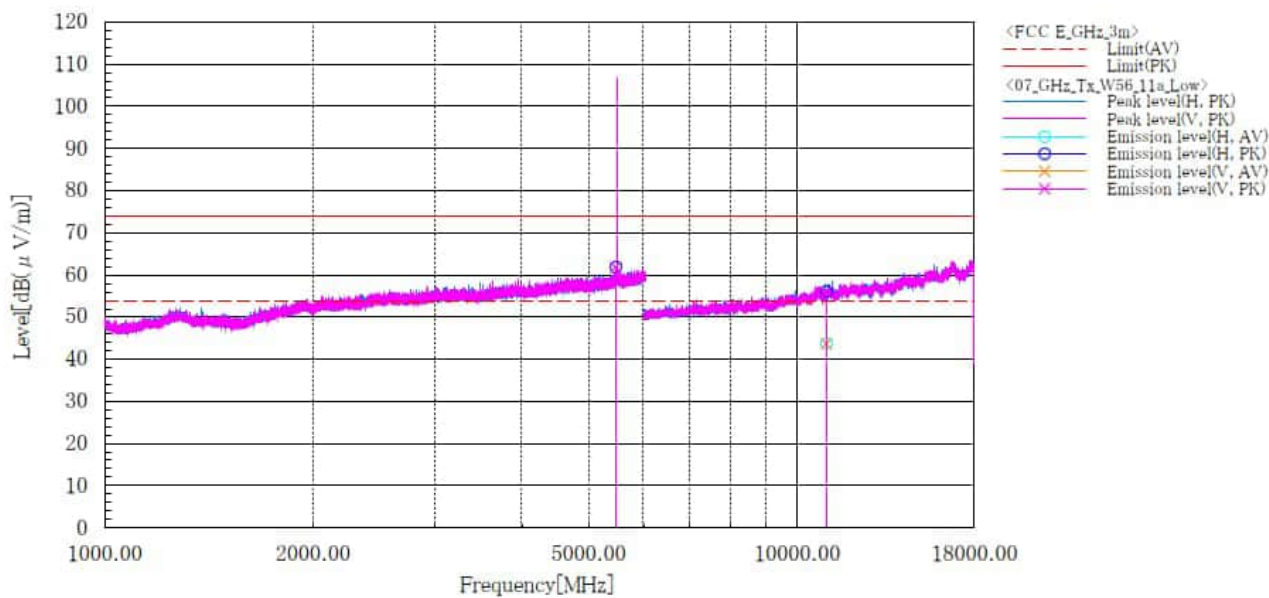
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 9kHz to 1000MHz at the 3 meters distance.

[11a]

**5.6 GHz Band / Channel Low
ABOVE 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11a_Tx_Ch:Mid

Sheet No. : 07
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
 Note1 : Ch:100(5500MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	5465.730	H	48.5	48.5	13.4	61.9	61.9	68.2	68.2	6.3	6.3	100.0	0.0
2	5467.160	V	48.3	48.3	13.4	61.7	61.7	68.2	68.2	6.5	6.5	100.0	0.0
3	11000.000	H	30.2	42.6	13.5	43.7	56.1	54.0	74.0	10.3	17.9	195.0	235.0
4	11000.000	V	30.1	42.3	13.5	43.6	55.8	54.0	74.0	10.4	18.2	163.0	203.0

Note:

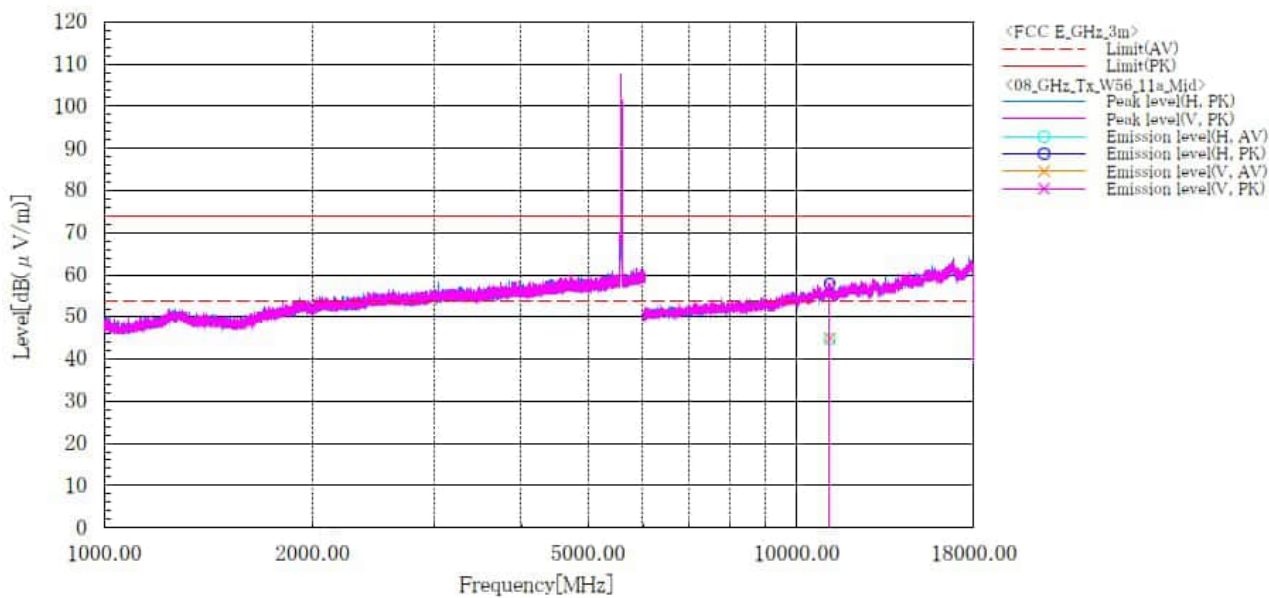
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]

**5.6 GHz Band / Channel Middle
ABOVE 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11a_Tx_Ch:Mid

Sheet No. : 08
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
 Note1 : Ch:116(5580MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11160.000	H	31.1	44.3	13.6	44.7	57.9	54.0	74.0	9.3	16.1	188.0	234.0
2	11160.000	V	31.3	43.7	13.6	44.9	57.3	54.0	74.0	9.1	16.7	157.0	167.0

Note:

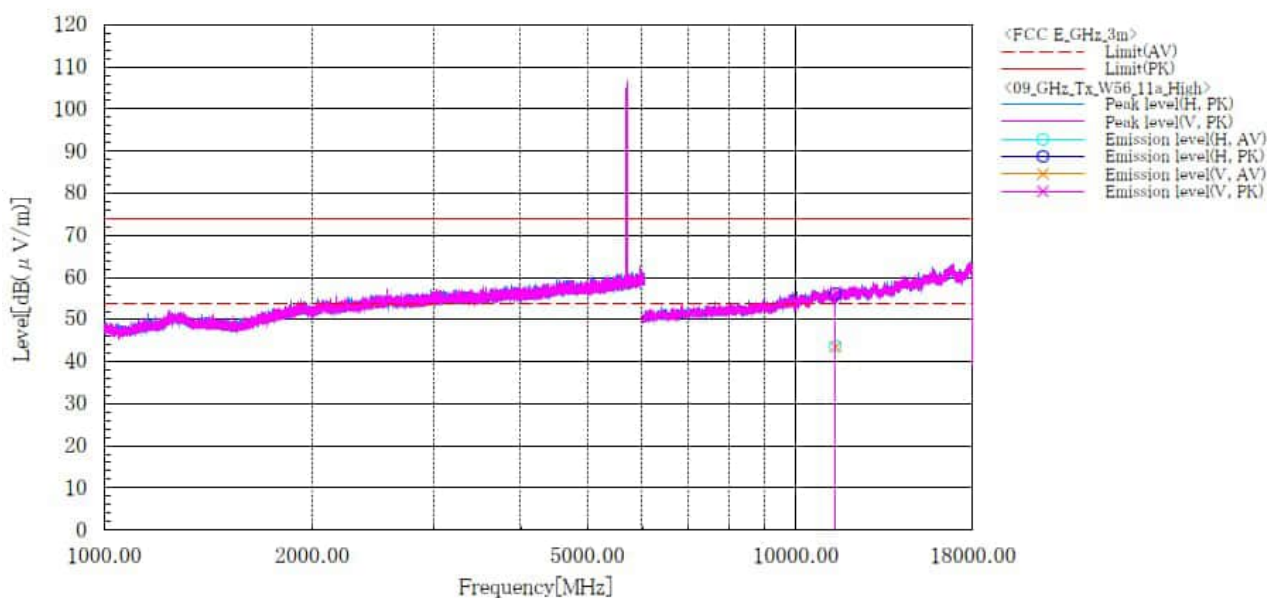
- Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
- No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]

**5.6 GHz Band / Channel High
ABOVE 1GHz**

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1220
Serial No. : 353379980000799
Test mode : WLAN_W56_11a_Tx_Ch:High

Sheet No. : 09
Standard : FCC Part.15 subpart E
Operator : T.Seino
Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
Note1 : Ch:140(5700MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11400.000	H	29.8	42.3	13.8	43.6	56.1	54.0	74.0	10.4	17.9	176.0	226.0
2	11400.000	V	29.7	42.7	13.8	43.5	56.5	54.0	74.0	10.5	17.5	132.0	174.0

Note:

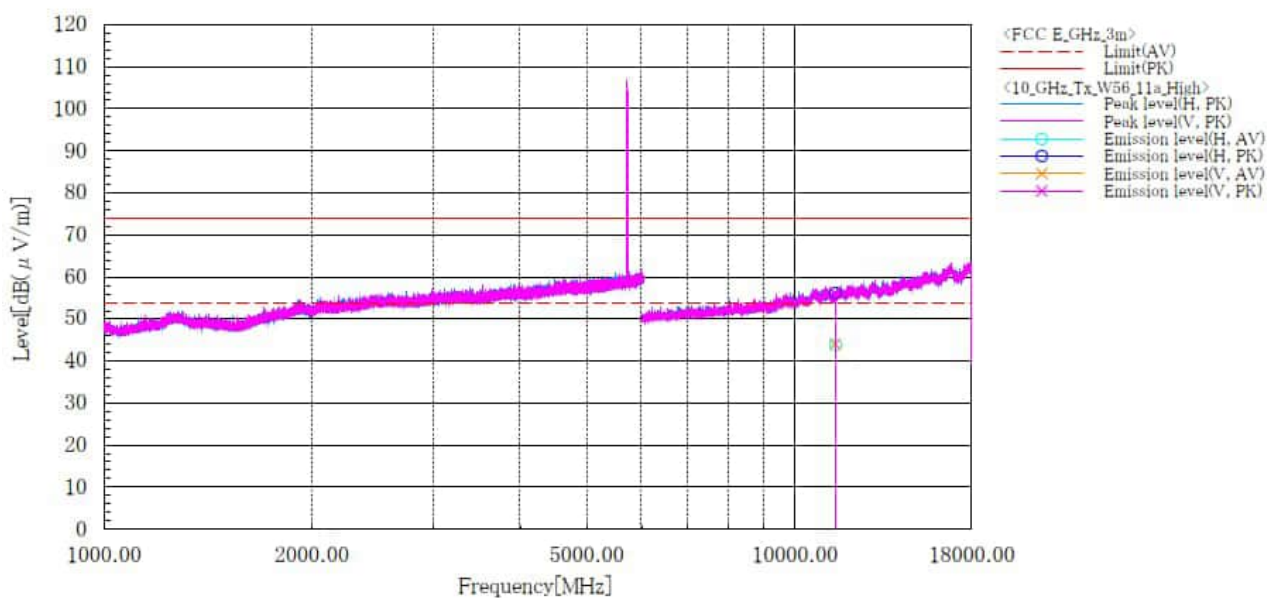
1. Emission Level (Margin) = Limit - [Reading + Factor (Antenna + Cable – Amp)]
2. No emission were detected in frequency range 18GHz to 40GHz at the 3 meters distance.

[11a]

**5.6 GHz Band / Channel High
ABOVE 1GHz**

Company name : KYOCERA Corporation
EUT : Mobile Phone
Model No. : EB1220
Serial No. : 353379980000799
Test mode : WLAN_W56_11a_Tx_Ch:High

Sheet No. : 10
Standard : FCC Part.15 subpart E
Operator : T.Seino
Temp,Hum,Atm : 21.9 [°C] 34.1 [%]
Note1 : Ch:144(5720MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11440.000	H	30.1	42.5	13.8	43.9	56.3	54.0	74.0	10.1	17.7	192.0	235.0
2	11440.000	V	30.2	42.5	13.8	44.0	56.3	54.0	74.0	10.0	17.7	147.0	159.0

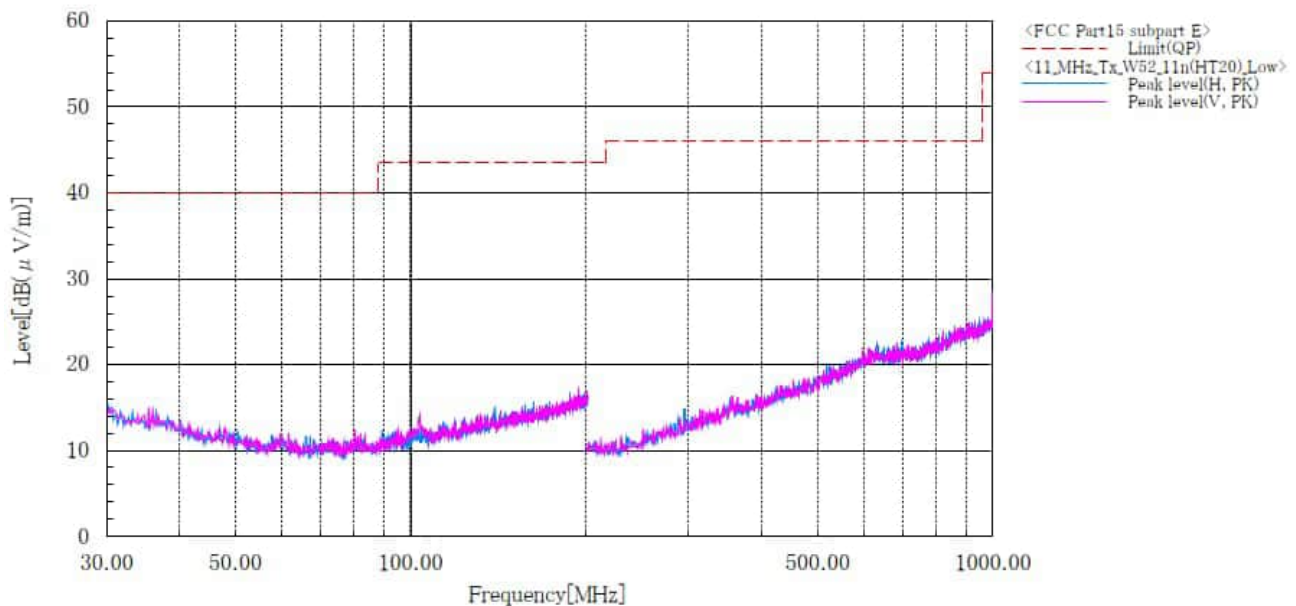
Note:

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 Low
BELOW 1GHz(Worst)

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11n(HT20)_Tx_CH:Low

Sheet No. : 11
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:36(5180MHz), 1SS, Chain: Both



Final Result

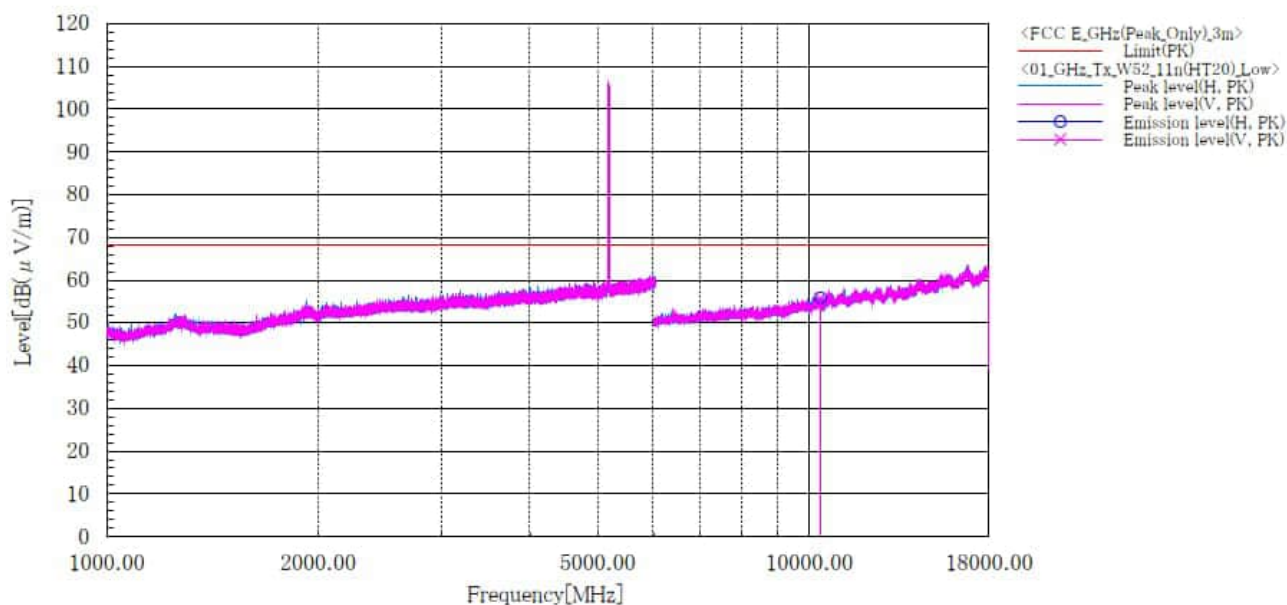
Note:

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
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11n(HT20)_Tx_Ch:Low

Sheet No. : 01
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.1 [°C] 31.6 [%]
 Note1 : Ch:36(5180MHz), 1SS, Chain: Both

**Final Result**

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10360.000	H	43.7	12.3	56.0	68.2	12.2	225.0	236.0
2	10360.000	V	43.4	12.3	55.7	68.2	12.5	164.0	162.0

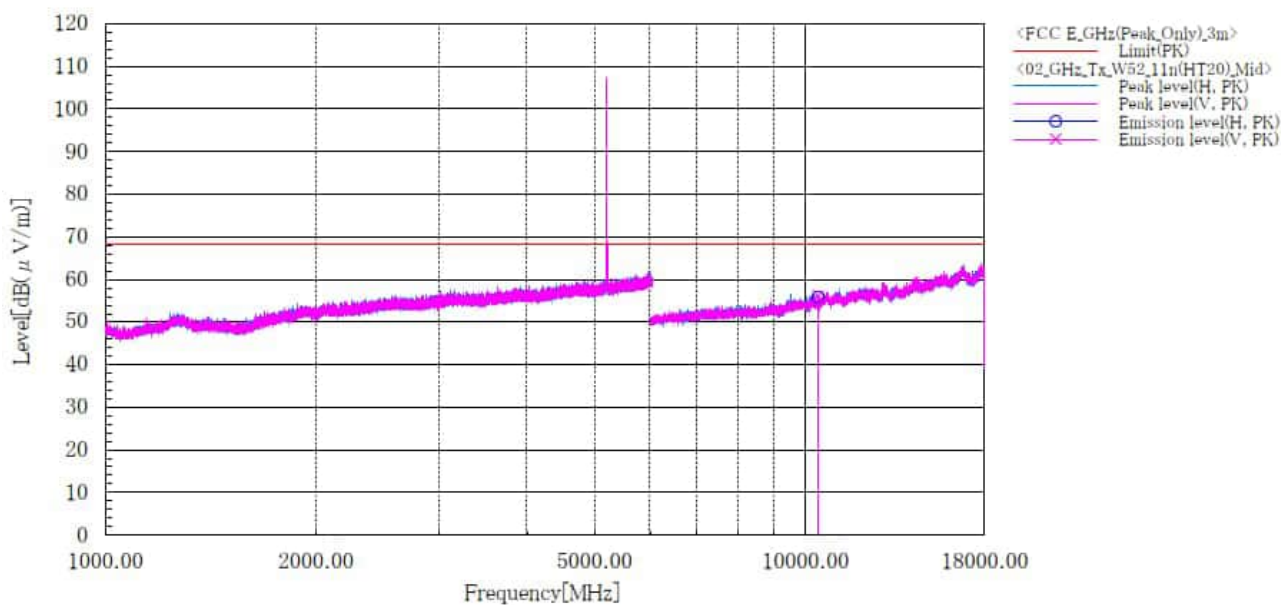
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11n(HT20)_Tx_Ch:Mid

Sheet No. : 02
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.1 [°C] 31.6 [%]
 Note1 : Ch:40(5200MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10400.000	H	43.5	12.4	55.9	68.2	12.3	229.0	239.0
2	10400.000	V	43.7	12.4	56.1	68.2	12.1	160.0	165.0

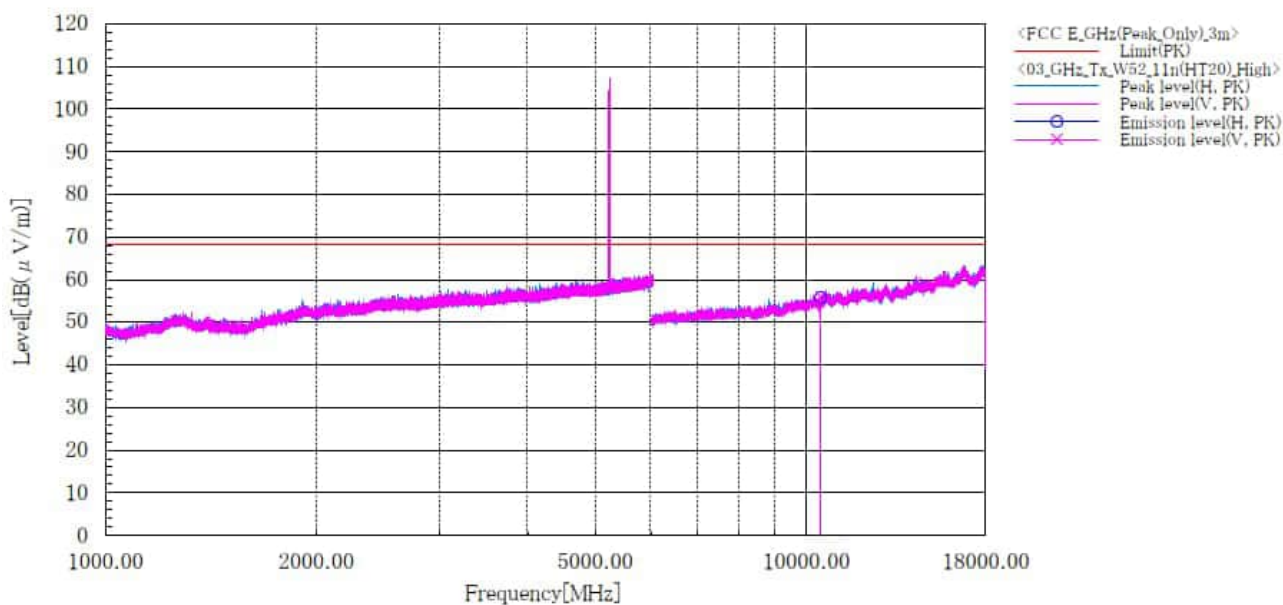
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11n(HT20)_Tx_Ch:High

Sheet No. : 03
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.1 [°C] 31.6 [%]
 Note1 : Ch:48(5240MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10480.000	H	43.1	12.7	55.8	68.2	12.4	217.0	234.0
2	10480.000	V	43.3	12.7	56.0	68.2	12.2	163.0	164.0

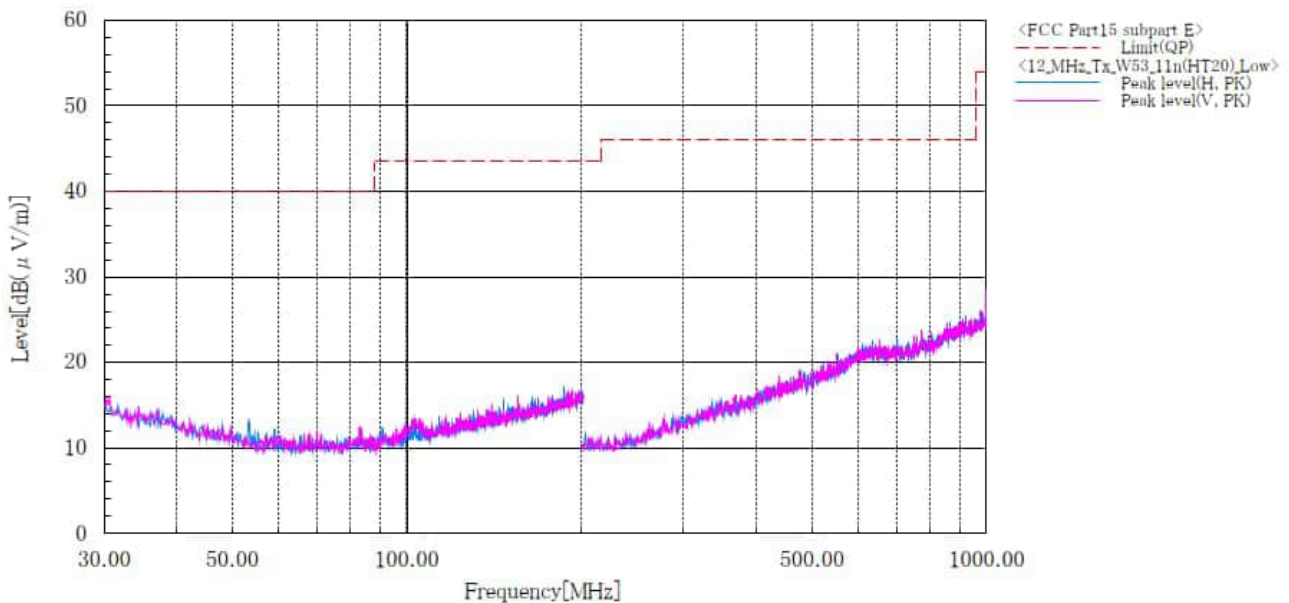
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11n(HT20)_Tx_CH:Low

Sheet No. : 12
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:52(5260MHz), 1SS, Chain: Both



Final Result

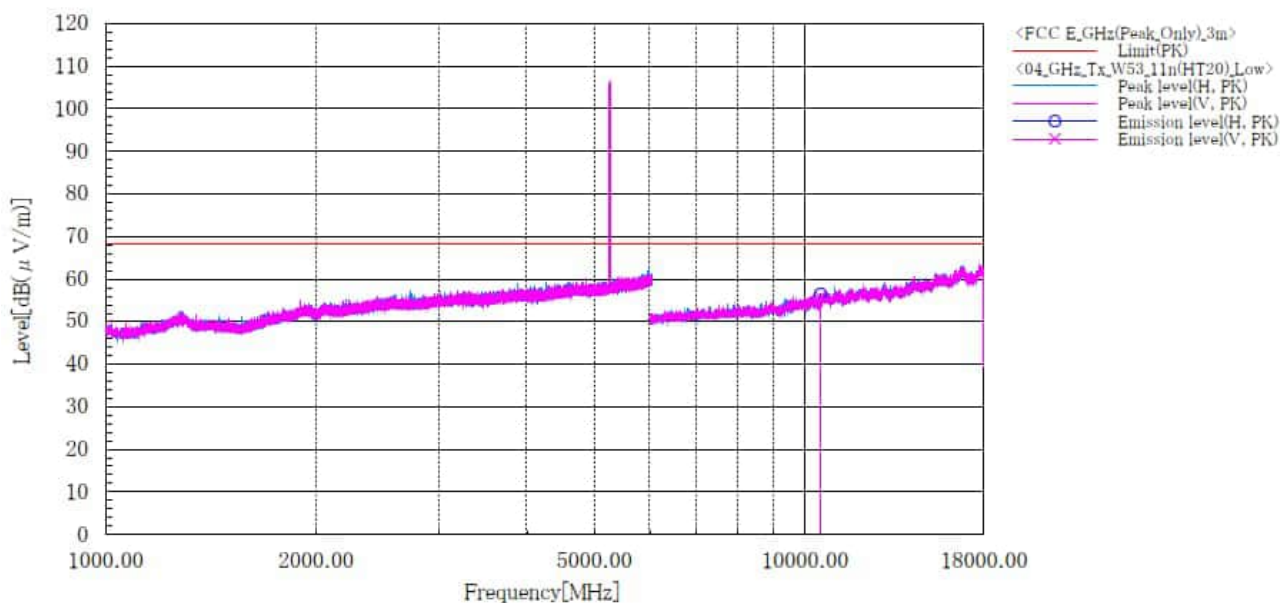
Note:

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
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11n(HT20)_Tx_Ch:Low

Sheet No. : 04
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.1 [°C] 31.6 [%]
 Note1 : Ch:52(5260MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10520.000	H	43.8	12.8	56.6	68.2	11.6	218.0	231.0
2	10520.000	V	43.1	12.8	55.9	68.2	12.3	161.0	160.0

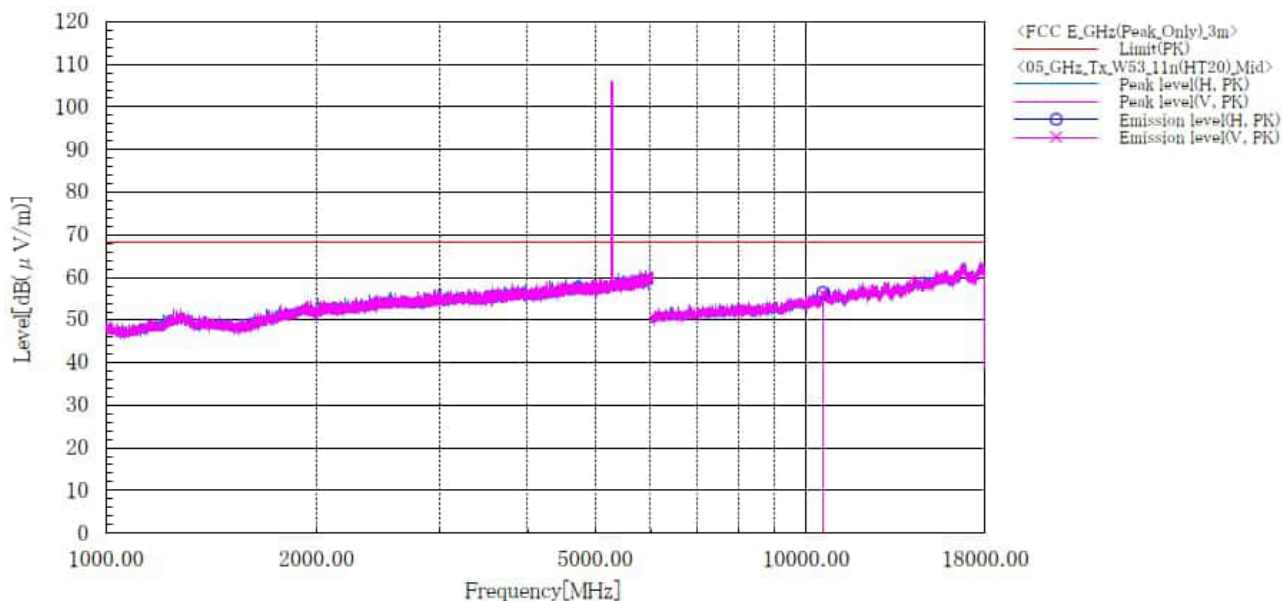
Note:

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
ABOVE 1GHz**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11n(HT20)_Tx_Ch:Mid

Sheet No. : 05
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.1 [°C] 31.6 [%]
 Note1 : Ch:56(5280MHz), 1SS, Chain: Both

**Final Result**

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10560.000	H	43.5	12.9	56.4	68.2	11.8	227.0	233.0
2	10560.000	V	43.4	12.9	56.3	68.2	11.9	161.0	169.0

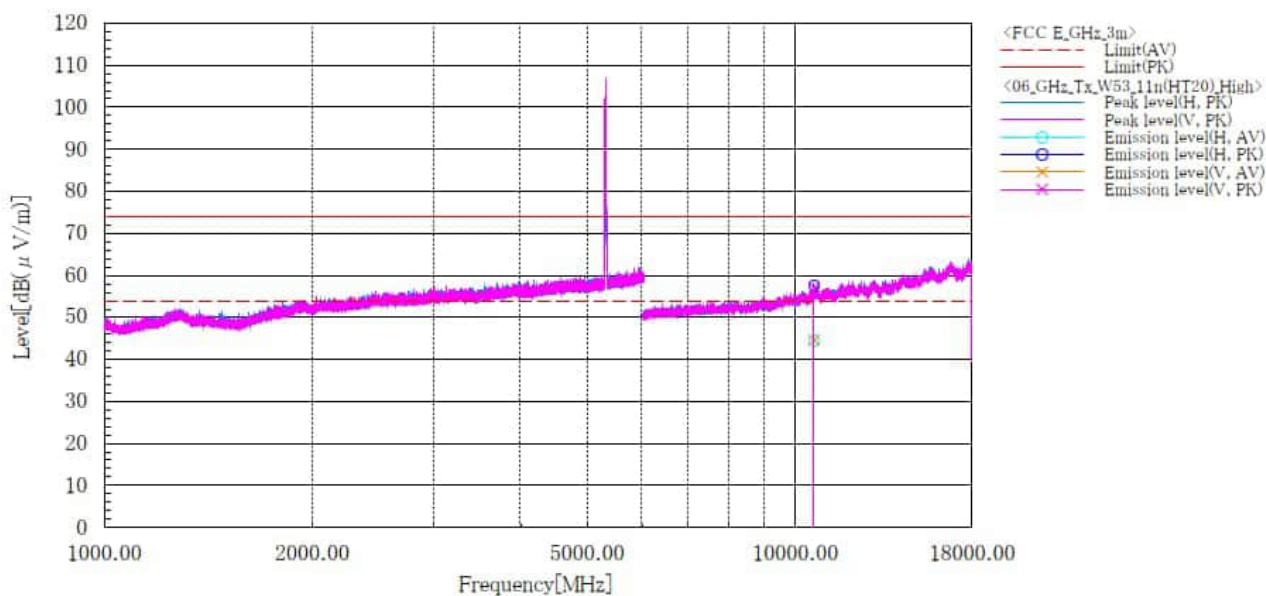
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11n(HT20)_Tx_Ch:High

Sheet No. : 06
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.1 [°C] 31.6 [%]
 Note1 : Ch:64(5320MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10640.000	H	31.4	44.5	13.1	44.5	57.6	54.0	74.0	9.5	16.4	220.0	233.0
2	10640.000	V	31.5	43.9	13.1	44.6	57.0	54.0	74.0	9.4	17.0	163.0	167.0

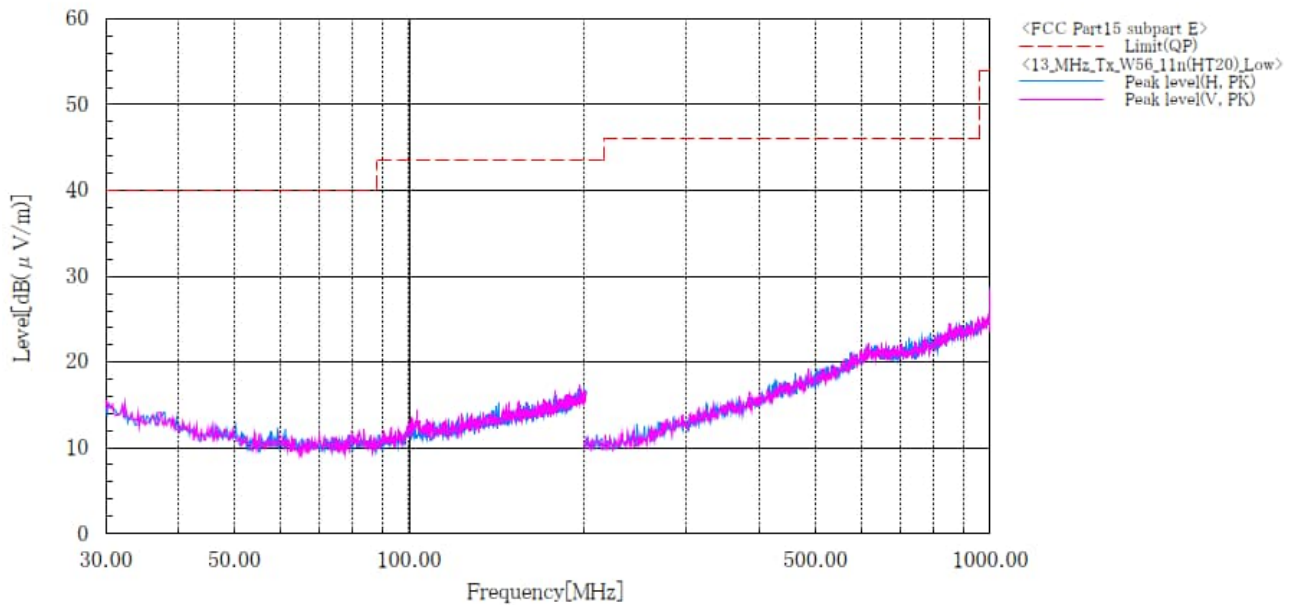
Note:

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 Low
BELOW 1GHz(Worst)**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT20)_Tx_CH:Low

Sheet No. : 13
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:100(5500MHz), 1SS, Chain: Both



Final Result

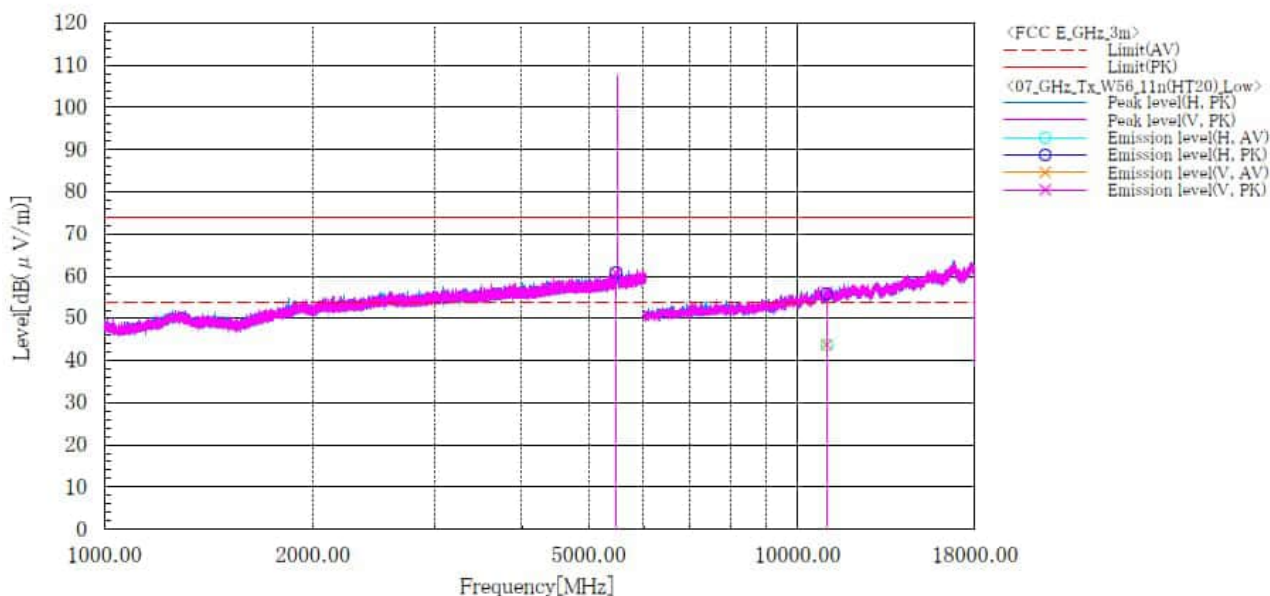
Note:

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
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT20)_Tx_Ch:Low

Sheet No. : 07
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.1 [°C] 31.6 [%]
 Note1 : Ch:100(5500MHz), 1SS, Chain: Both

**Final Result**

No.	Frequency [MHz]	PoI	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	5468.340	H	47.6	47.6	13.4	61.0	61.0	74.0	74.0	13.0	13.0	202.0	240.0
2	5468.770	V	47.4	47.4	13.4	60.8	60.8	74.0	74.0	13.2	13.2	173.0	159.0
3	11000.000	H	30.1	42.5	13.5	43.6	56.0	54.0	74.0	10.4	18.0	212.0	237.0
4	11000.000	V	30.2	42.7	13.5	43.7	56.2	54.0	74.0	10.3	17.8	151.0	163.0

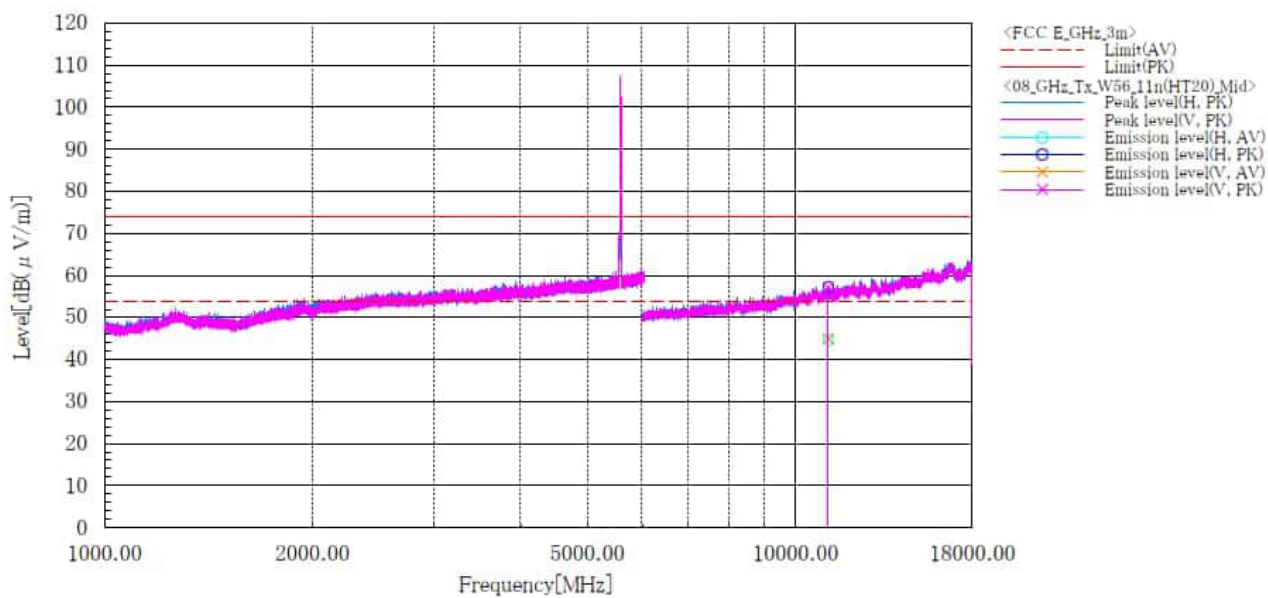
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT20)_Tx_Ch:Mid

Sheet No. : 08
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:116(5580MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11160.000	H	31.1	43.7	13.6	44.7	57.3	54.0	74.0	9.3	16.7	199.0	247.0
2	11160.000	V	31.2	43.4	13.6	44.8	57.0	54.0	74.0	9.2	17.0	171.0	167.0

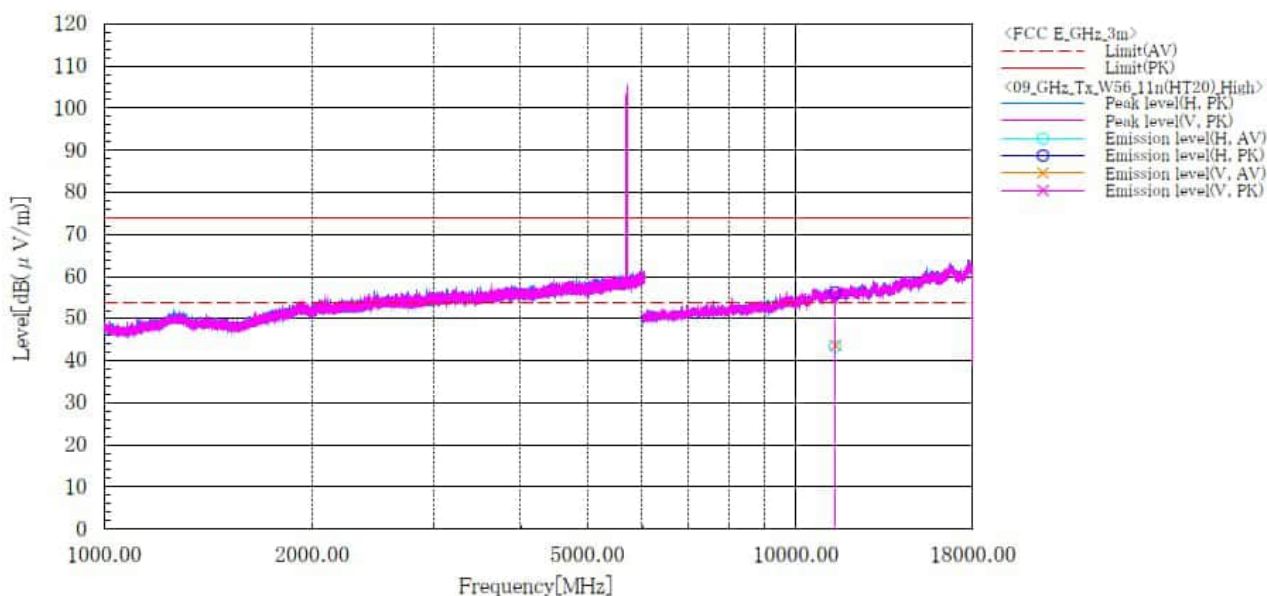
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT20)_Tx_Ch:High

Sheet No. : 09
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:140(5700MHz), 1SS, Chain: Both



Final Result

No.	Frequency	Pol	Reading AV	Reading PK	c. f	Result AV	Result PK	Limit AV	Limit PK	Margin AV	Margin PK	Height	Angle
	[MHz]		[dB(μV)]	[dB(μV)]	[dB(1/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB(μV/m)]	[dB]	[dB]	[cm]	[deg]
1	11400.000	H	29.7	42.4	13.8	43.5	56.2	54.0	74.0	10.5	17.8	184.0	242.0
2	11400.000	V	29.8	42.5	13.8	43.6	56.3	54.0	74.0	10.4	17.7	162.0	163.0

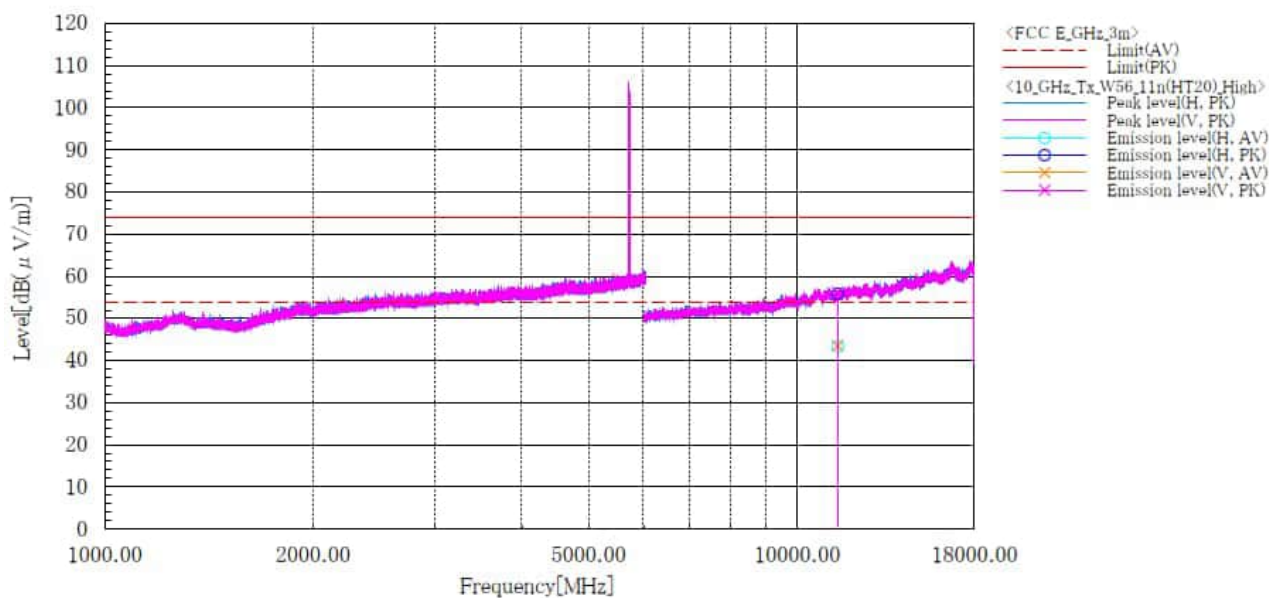
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT20)_Tx_Ch:High

Sheet No. : 10
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:144(5720MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11440.000	H	29.6	41.9	13.8	43.4	55.7	54.0	74.0	10.6	18.3	189.0	242.0
2	11440.000	V	29.7	42.4	13.8	43.5	56.2	54.0	74.0	10.5	17.8	160.0	167.0

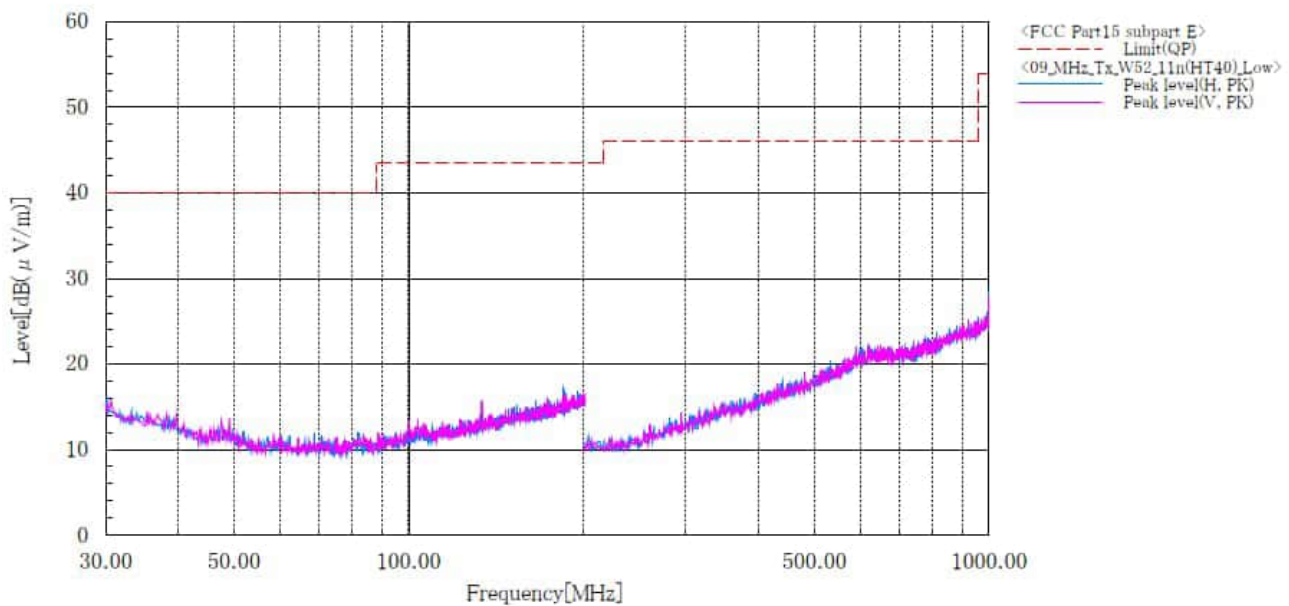
Note:

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 Low
BELOW 1GHz(Worst)

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11n(HT40)_Tx_CH:Low

Sheet No. : 09
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:38(5190MHz), 1SS, Chain: Both



Final Result

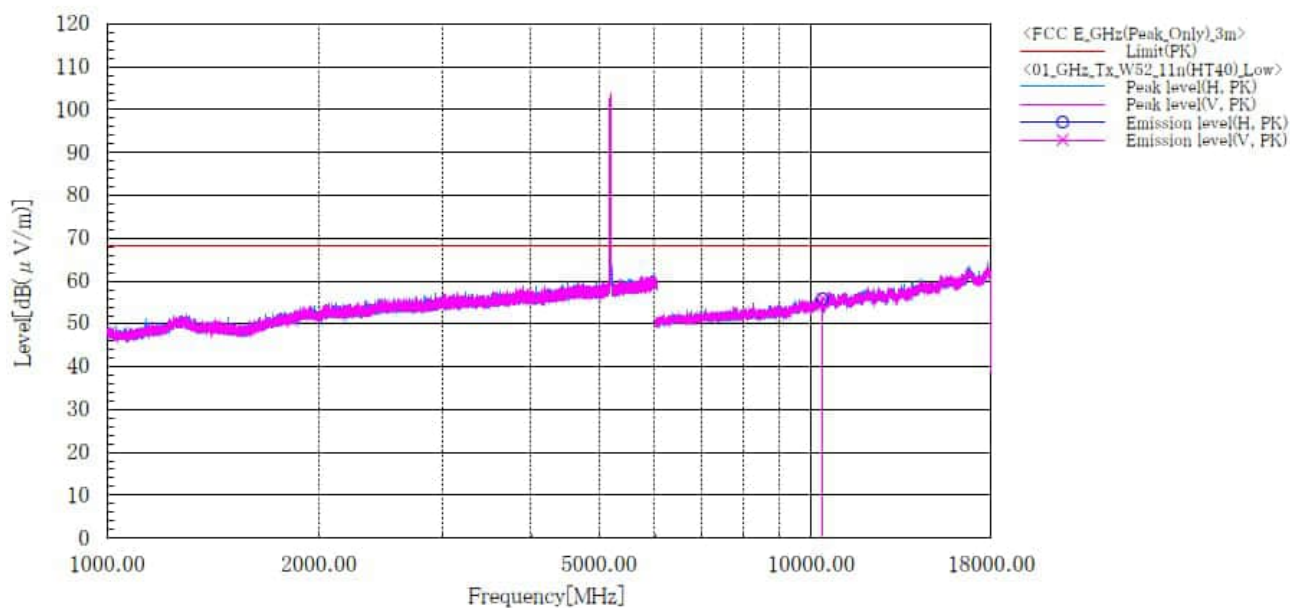
Note:

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**

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11n(HT40)_Tx_Ch:Low

Sheet No. : 01
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:38(5190MHz), 1SS, Chain: Both

**Final Result**

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10380.000	H	43.5	12.3	55.8	68.2	12.4	222.0	245.0
2	10380.000	V	43.6	12.3	55.9	68.2	12.3	156.0	176.0

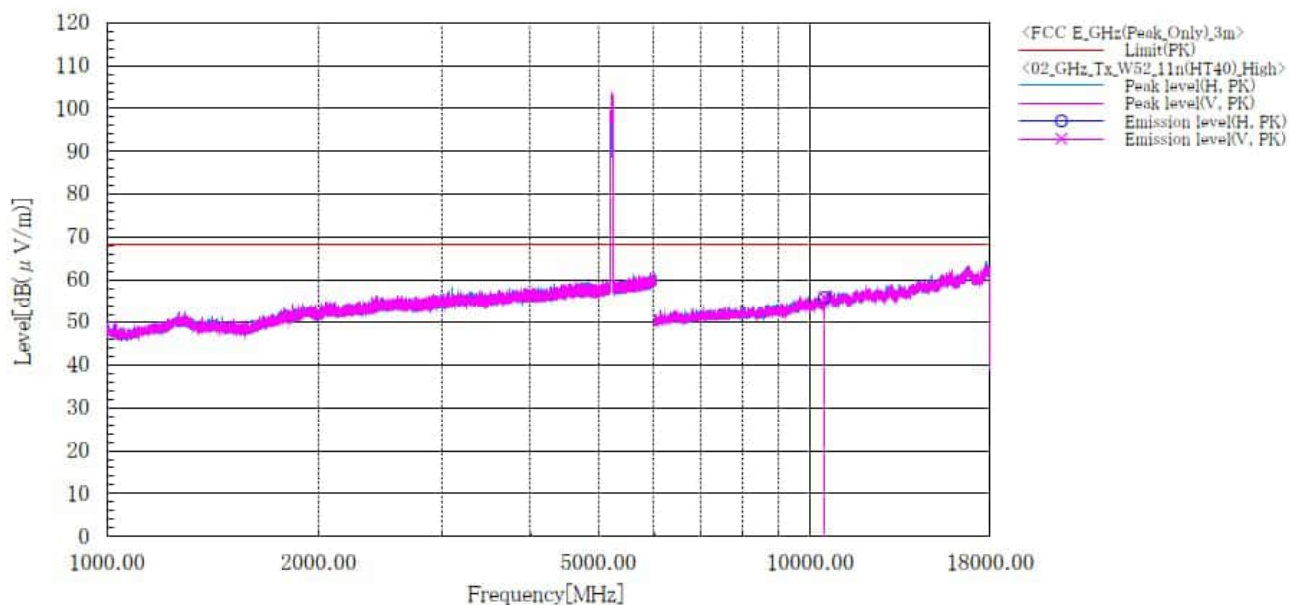
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11n(HT40)_Tx_Ch:High

Sheet No. : 02
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:46(5230MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10460.000	H	43.1	12.6	55.7	68.2	12.5	225.0	189.0
2	10460.000	V	43.4	12.6	56.0	68.2	12.2	167.0	163.0

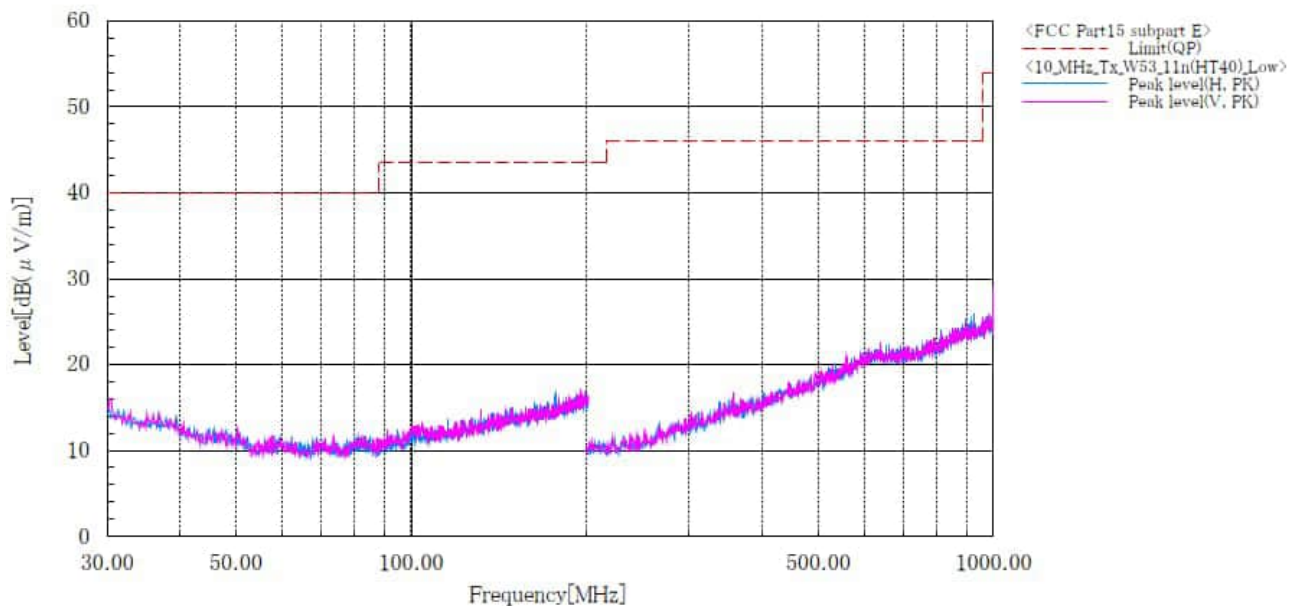
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11n(HT40)_Tx_CH:Low

Sheet No. : 10
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:54(5270MHz), 1SS, Chain: Both



Final Result

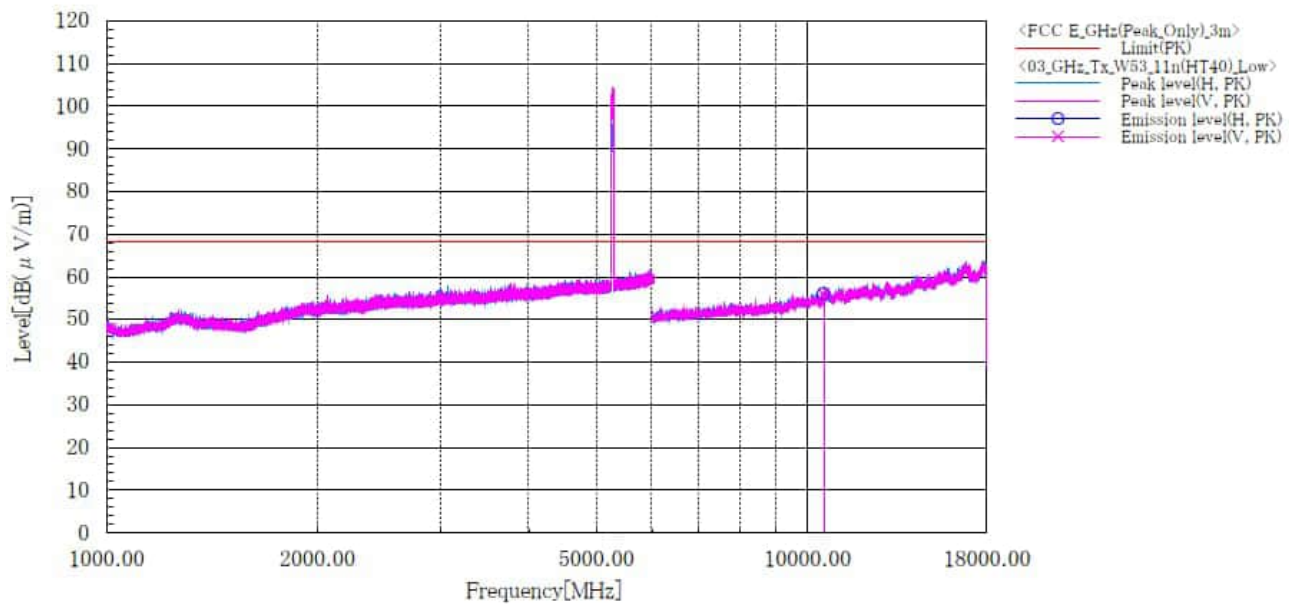
Note:

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
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11n(HT40)_Tx_Ch:Low

Sheet No. : 03
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:54(5270MHz), 1SS, Chain: Both

**Final Result**

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10540.000	H	43.3	12.8	56.1	68.2	12.1	228.0	241.0
2	10540.000	V	43.2	12.8	56.0	68.2	12.2	169.0	177.0

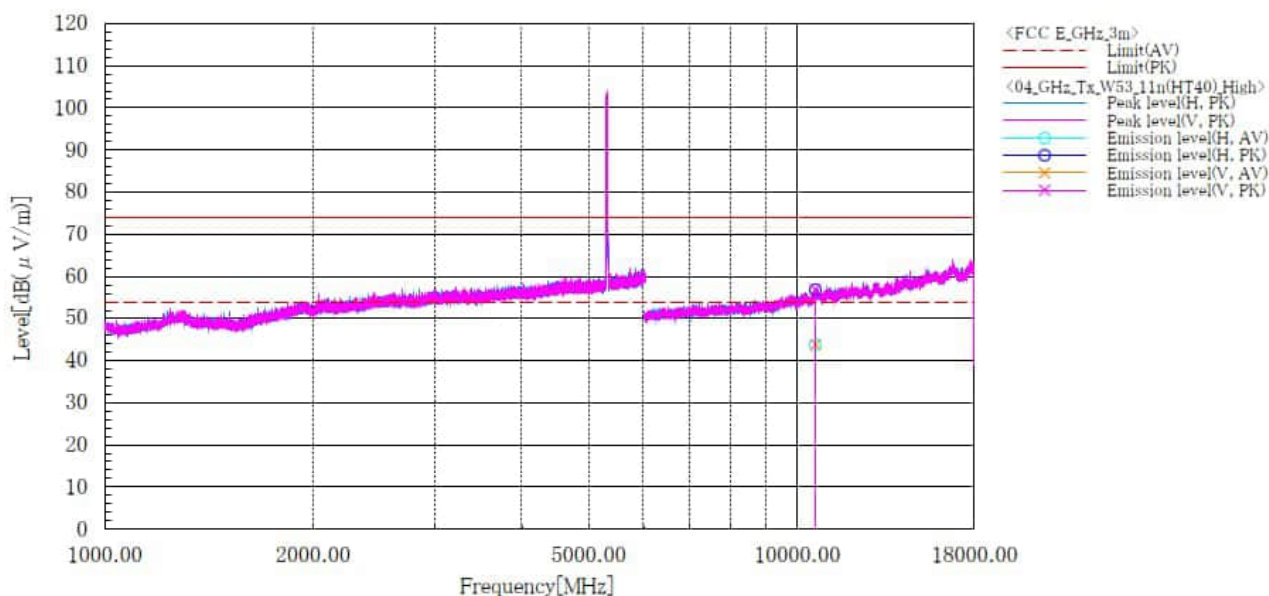
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11n(HT40)_Tx_Ch:High

Sheet No. : 04
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:62(5310MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	10620.000	H	30.9	43.8	13.0	43.9	56.8	54.0	74.0	10.1	17.2	237.0	185.0
2	10620.000	V	30.8	43.9	13.0	43.8	56.9	54.0	74.0	10.2	17.1	159.0	167.0

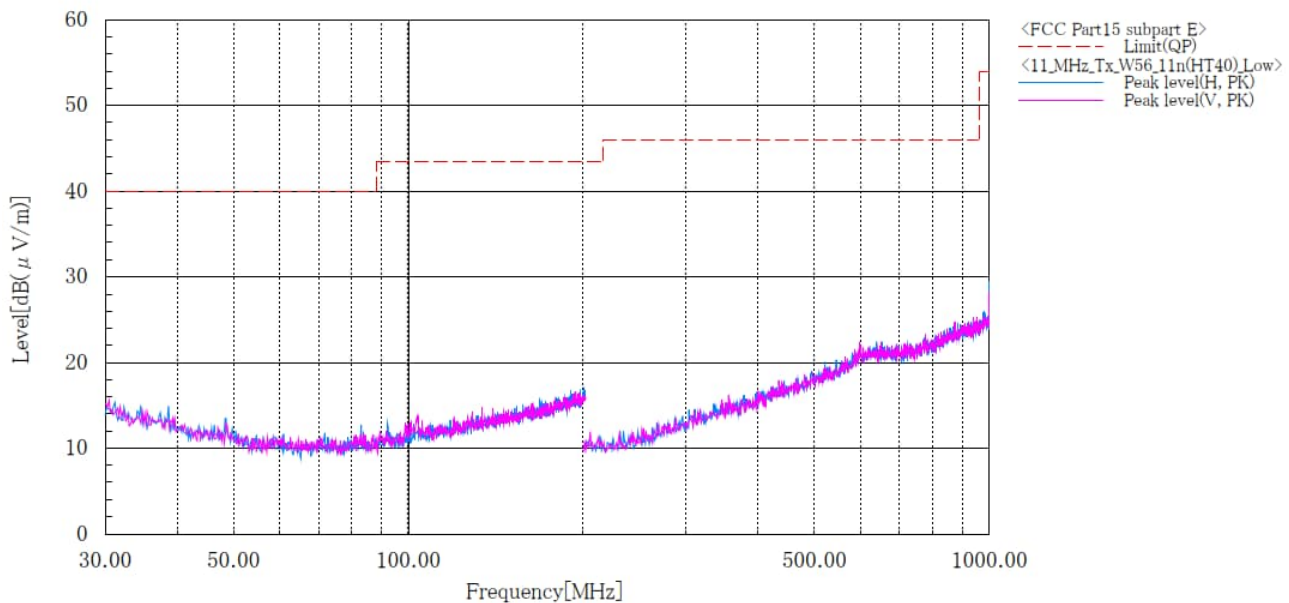
Note:

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT40)_Tx_CH:Low

Sheet No. : 11
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:102(5510MHz), 1SS, Chain: Both



Final Result

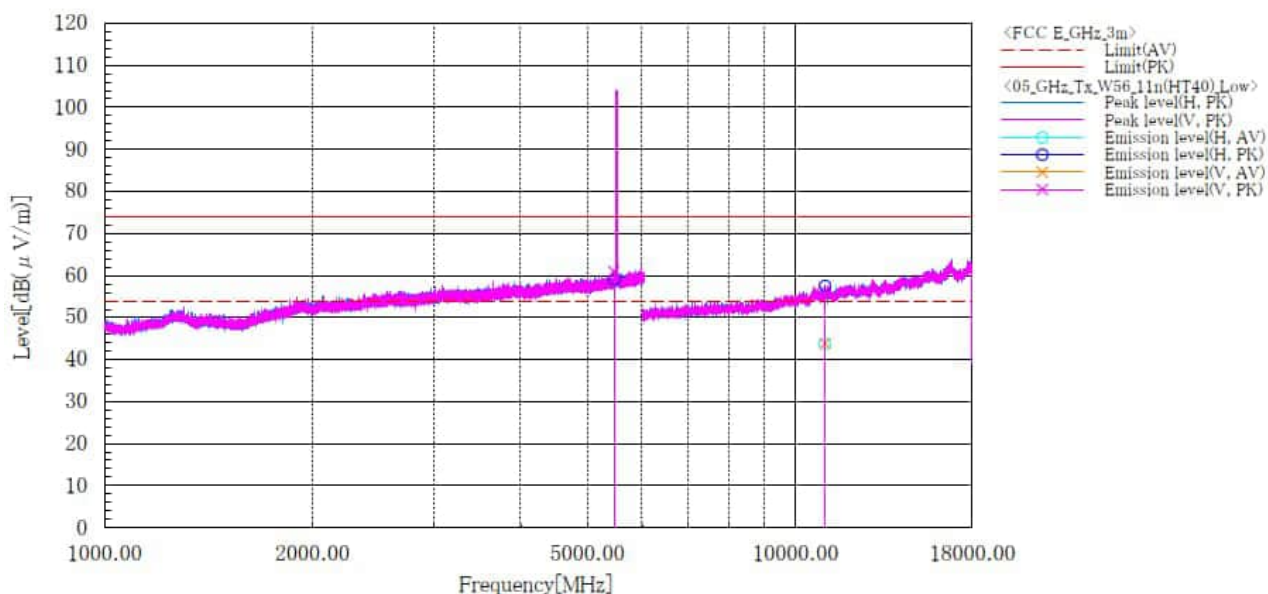
Note:

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
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT40)_Tx_Ch:Low

Sheet No. : 05
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:102(5510MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	5464.840	H		45.6	13.4		59.0		68.2		9.2	172.0	212.0
2	5462.410	V		47.5	13.4		60.9		68.2		7.3	160.0	161.0
3	11020.000	H	30.4	44.1	13.5	43.9	57.6	54.0	74.0	10.1	16.4	212.0	239.0
4	11020.000	V	30.3	42.8	13.5	43.8	56.3	54.0	74.0	10.2	17.7	159.0	165.0

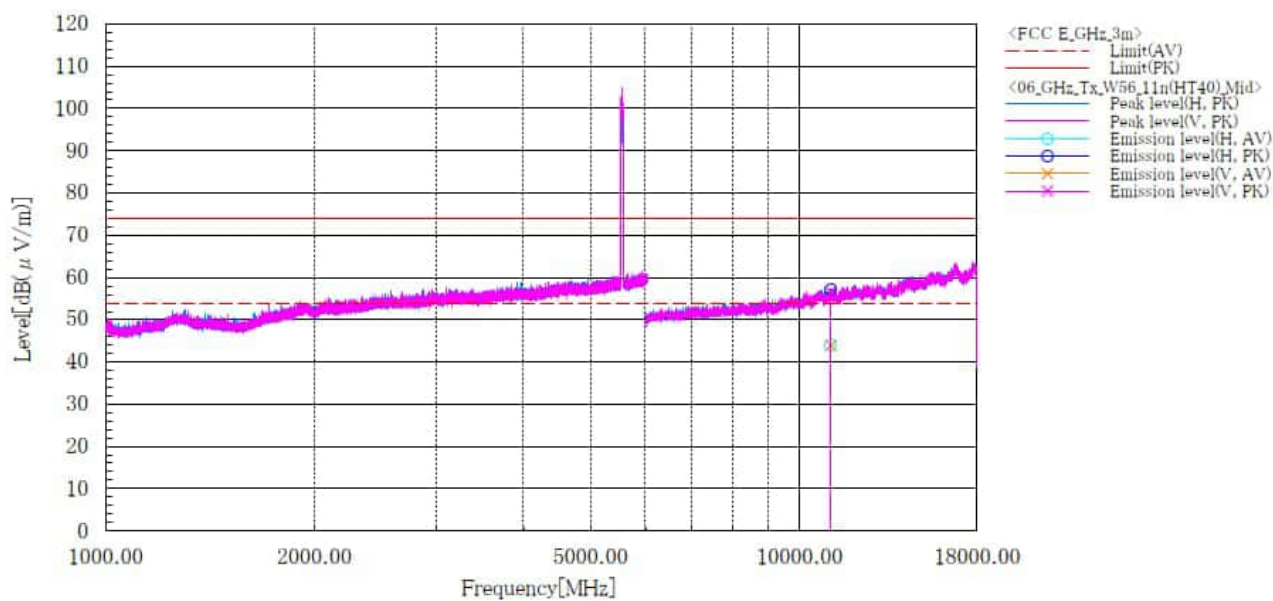
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT40)_Tx_Ch:Mid

Sheet No. : 06
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:110(5550MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11100.000	H	30.5	43.7	13.5	44.0	57.2	54.0	74.0	10.0	16.8	205.0	234.0
2	11100.000	V	30.4	43.1	13.5	43.9	56.6	54.0	74.0	10.1	17.4	149.0	180.0

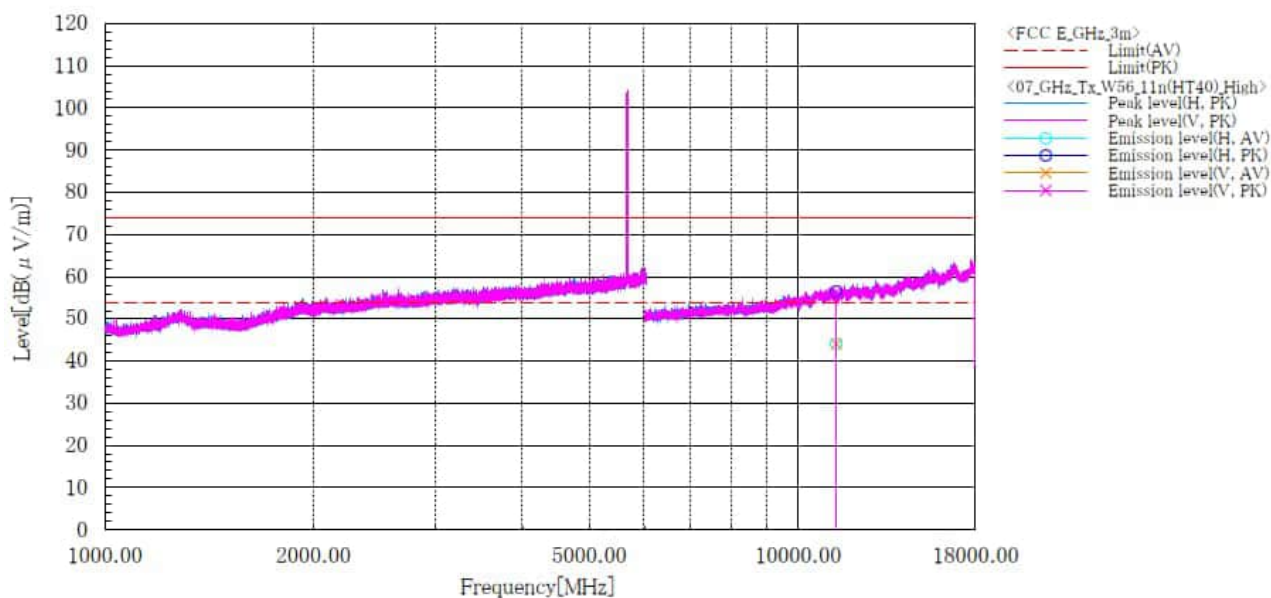
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT40)_Tx_Ch:High

Sheet No. : 07
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:134(5670MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11340.000	H	30.4	42.8	13.7	44.1	56.5	54.0	74.0	9.9	17.5	191.0	244.0
2	11340.000	V	30.3	42.7	13.7	44.0	56.4	54.0	74.0	10.0	17.6	163.0	160.0

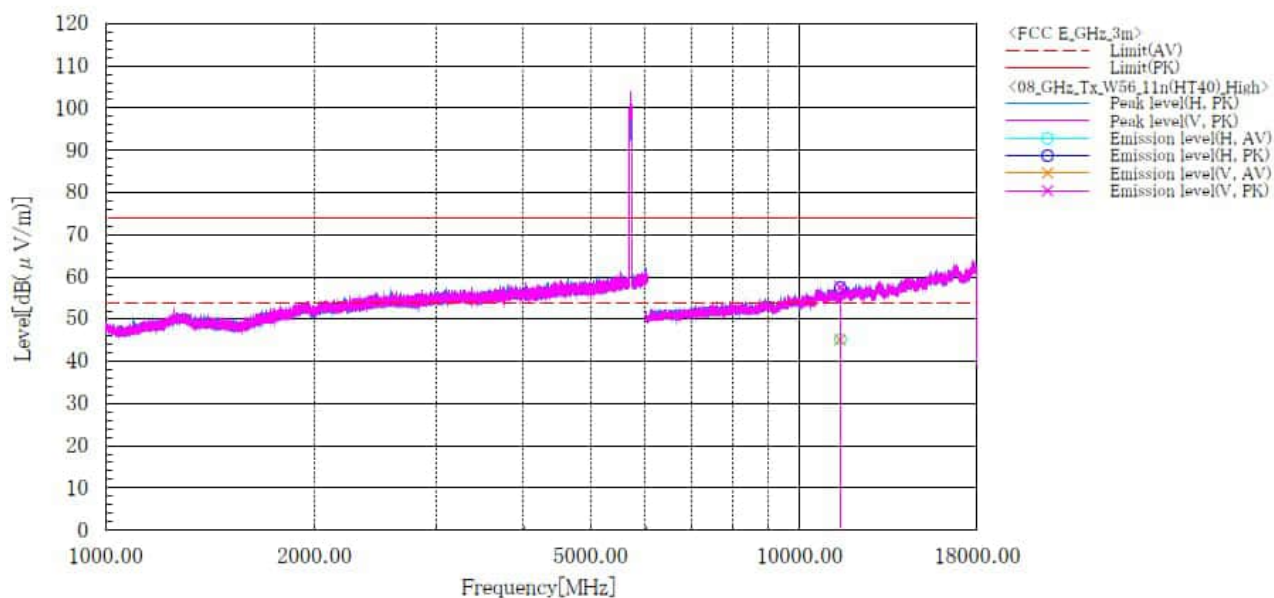
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11n(HT40)_Tx_Ch:High

Sheet No. : 08
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:142(5710MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11420.000	H	31.4	43.7	13.8	45.2	57.5	54.0	74.0	8.8	16.5	184.0	241.0
2	11420.000	V	31.3	43.8	13.8	45.1	57.6	54.0	74.0	8.9	16.4	156.0	164.0

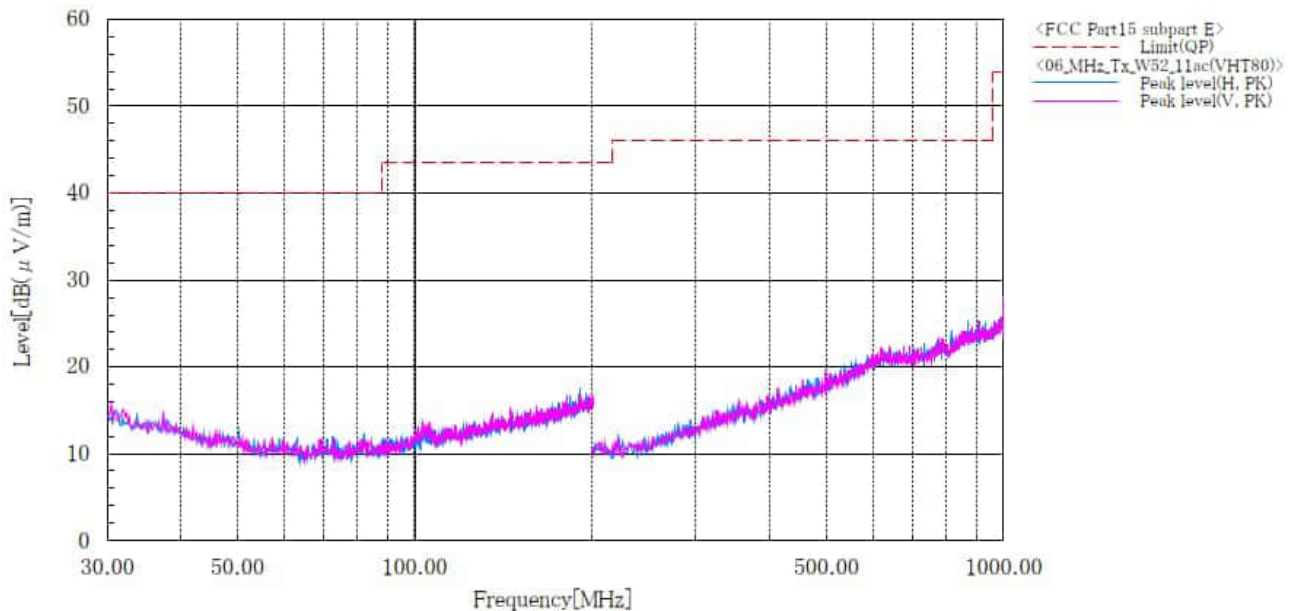
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11ac(VHT80)_Tx_CH:Low

Sheet No. : 06
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:42(5210MHz), 1SS, Chain: Both

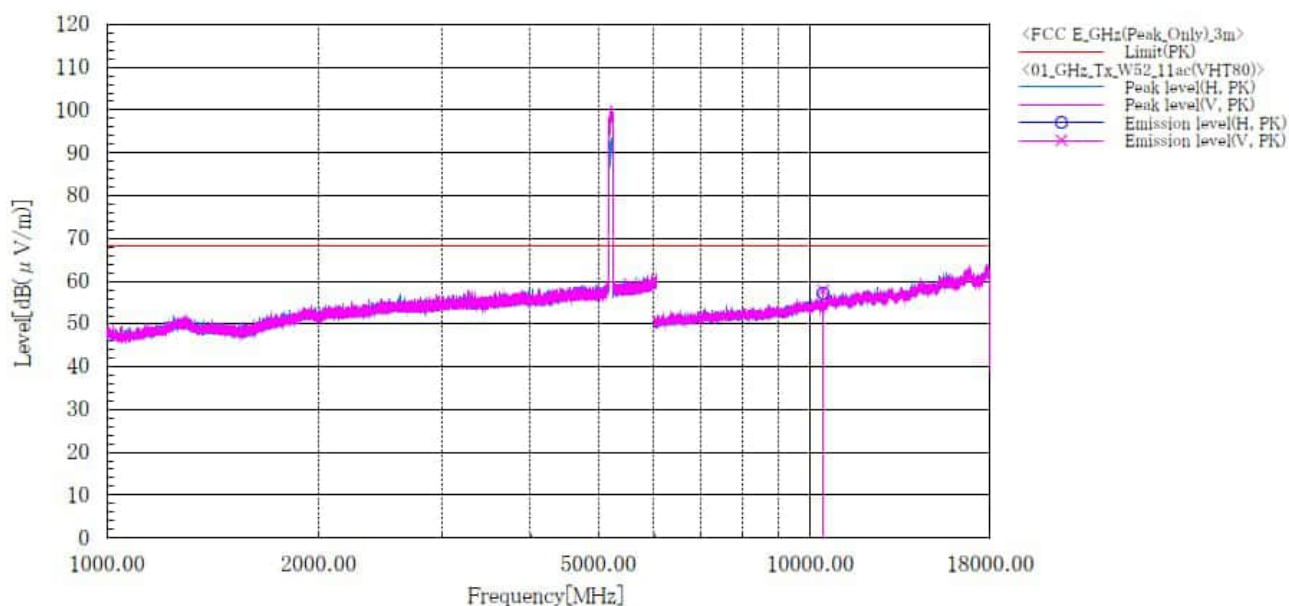
**Final Result****Note:**

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
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_11ac(VHT80)_Tx

Sheet No. : 01
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.9 [°C] 36.4 [%]
 Note1 : Ch:42(5210MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]	Remark
1	10420.000	H	44.7	12.5	57.2	68.2	11.0	226.0	236.0	
2	10420.000	V	45.4	12.5	57.9	68.2	10.3	151.0	169.0	

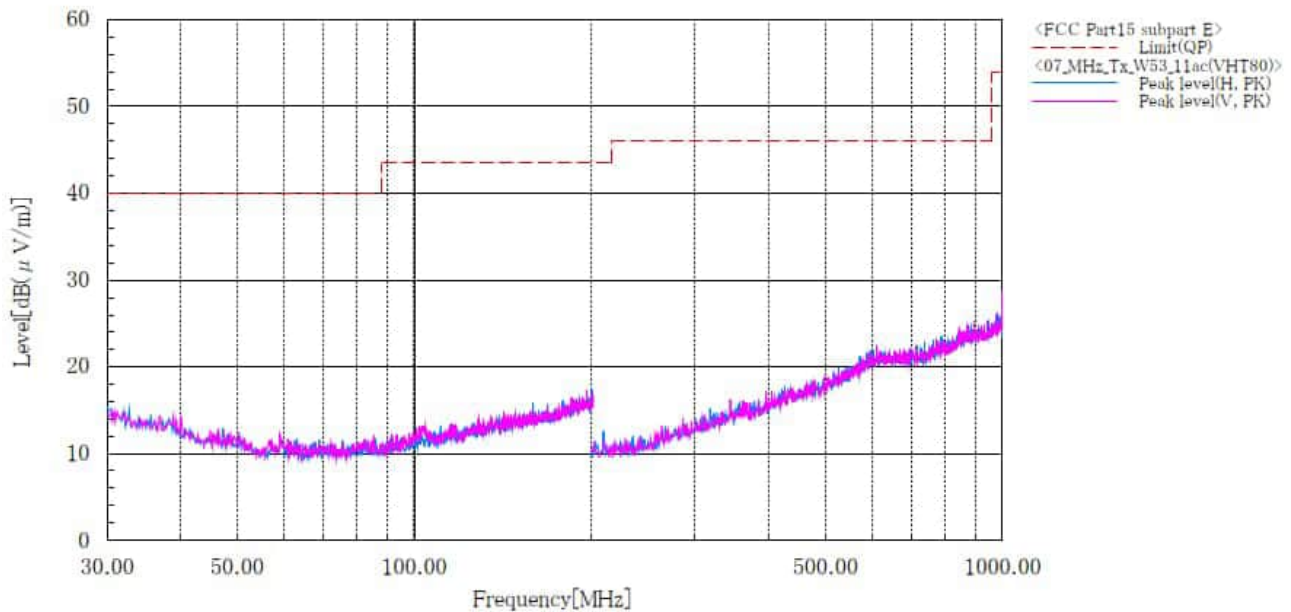
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11ac(VHT80)_Tx_CH:Low

Sheet No. : 07
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:58(5290MHz), 1SS, Chain: Both



Final Result

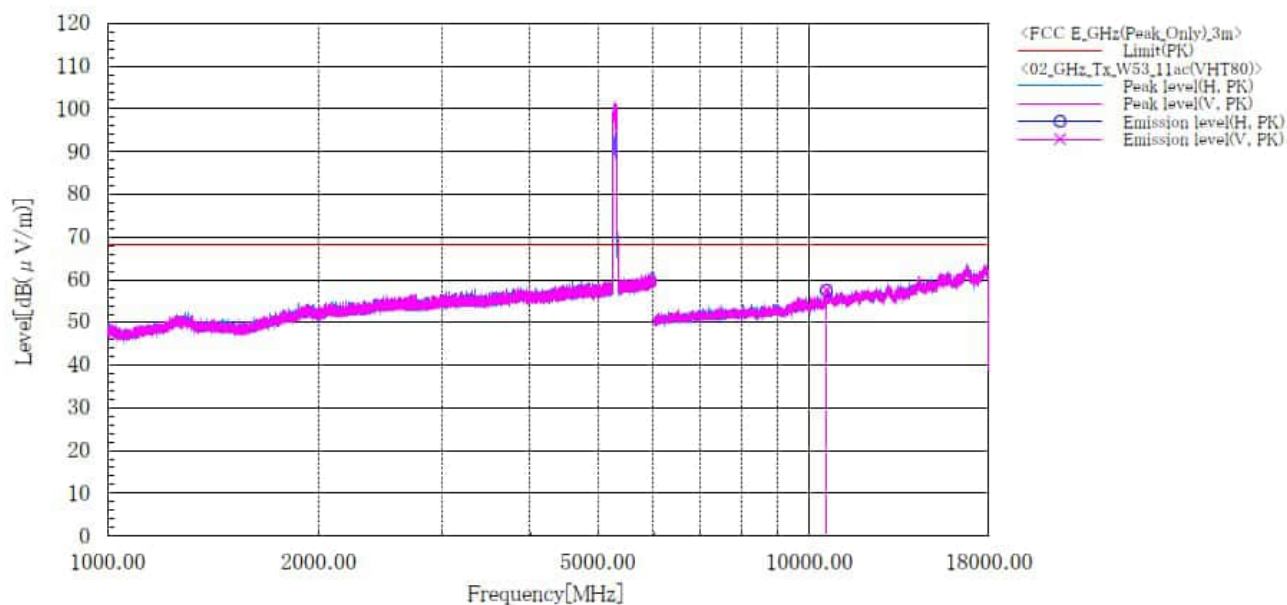
Note:

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
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_11ac(VHT80)_Tx

Sheet No. : 02
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.4 [°C] 33.2 [%]
 Note1 : Ch:58(5290MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result PK [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin PK [dB]	Height [cm]	Angle [deg]	Remark
1	10580.000	H	44.5	12.9	57.4	68.2	10.8	234.0	240.0	
2	10580.000	V	44.7	12.9	57.6	68.2	10.6	178.0	173.0	

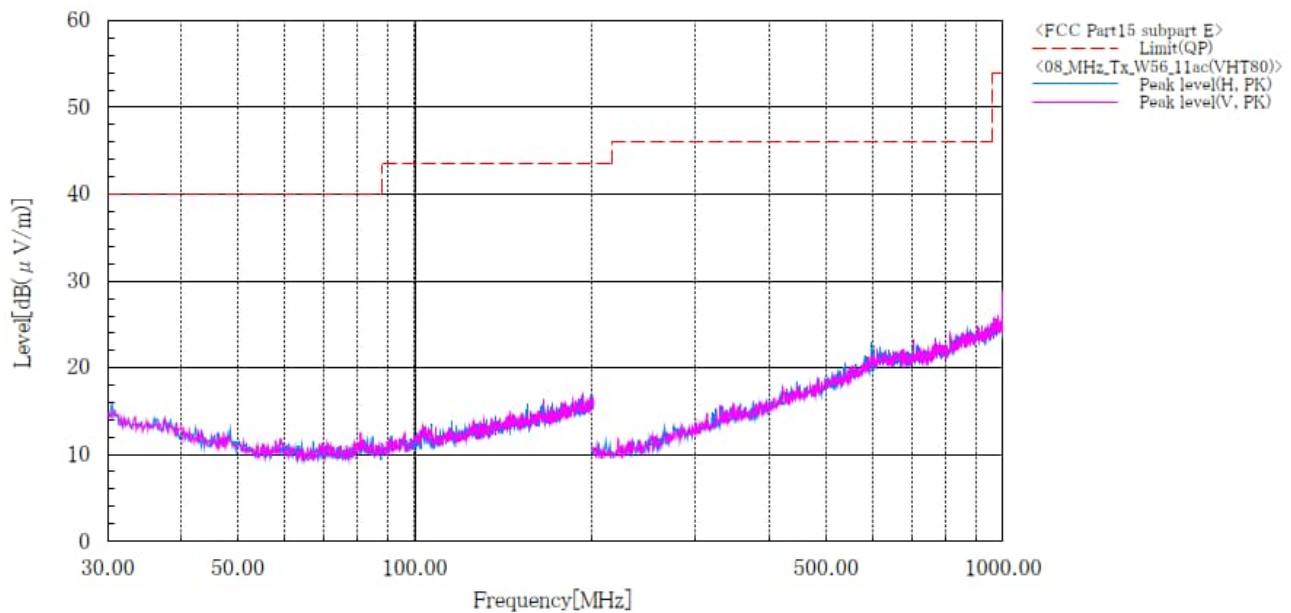
Note:

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

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

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11ac(VHT80)_Tx_CH:Low

Sheet No. : 08
 Standard : FCC Part15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 21.3 [°C] 31.6 [%]
 Note1 : CH:106(5530MHz), 1SS, Chain: Both



Final Result

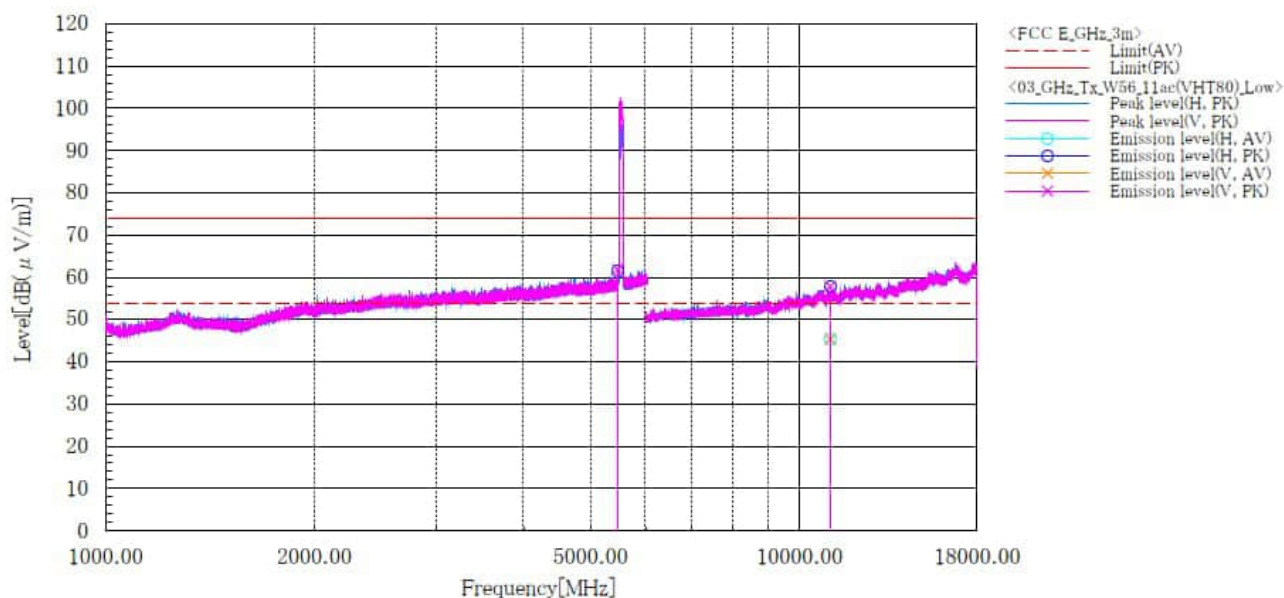
Note:

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
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11ac(VHT80)_Tx_Low

Sheet No. : 03
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.4 [°C] 33.2 [%]
 Note1 : Ch:106(5530MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	5467.400	H	48.1	48.1	13.4	61.5	61.5	68.2	68.2	6.7	6.7	180.0	239.0
2	5469.800	V	48.5	48.5	13.4	61.9	61.9	68.2	68.2	6.3	6.3	156.0	174.0
3	11060.000	H	31.8	44.3	13.6	45.4	57.9	54.0	74.0	8.6	16.1	191.0	236.0
4	11060.000	V	31.7	44.2	13.6	45.3	57.8	54.0	74.0	8.7	16.2	160.0	177.0

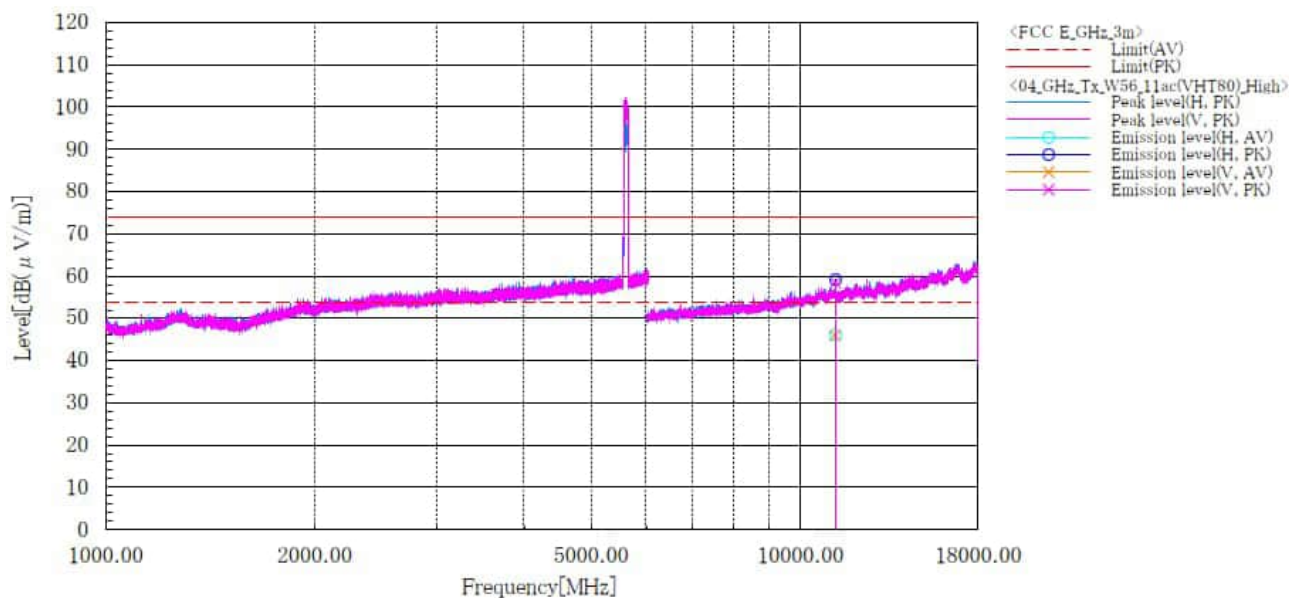
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11ac(VHT80)_Tx_High

Sheet No. : 04
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.4 [°C] 33.2 [%]
 Note1 : Ch:122(5610MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c. f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11220.000	H	32.4	45.6	13.6	46.0	59.2	54.0	74.0	8.0	14.8	202.0	242.0
2	11220.000	V	32.3	44.8	13.6	45.9	58.4	54.0	74.0	8.1	15.6	159.0	162.0

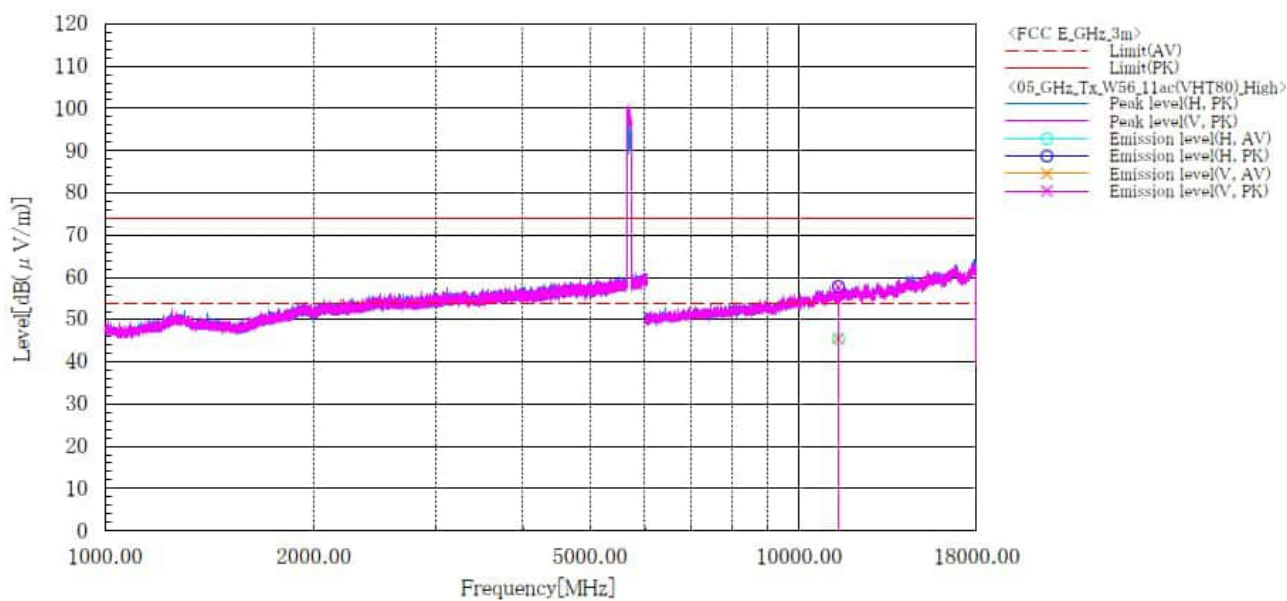
Note:

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
ABOVE 1GHz

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_11ac(VHT80)_Tx_High

Sheet No. : 05
 Standard : FCC Part.15 subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 22.4 [°C] 33.2 [%]
 Note1 : Ch:138(5690MHz), 1SS, Chain: Both



Final Result

No.	Frequency [MHz]	Pol	Reading AV [dB(μV)]	Reading PK [dB(μV)]	c.f [dB(1/m)]	Result AV [dB(μV/m)]	Result PK [dB(μV/m)]	Limit AV [dB(μV/m)]	Limit PK [dB(μV/m)]	Margin AV [dB]	Margin PK [dB]	Height [cm]	Angle [deg]
1	11380.000	H	31.6	44.0	13.8	45.4	57.8	54.0	74.0	8.6	16.2	191.0	241.0
2	11380.000	V	31.7	43.9	13.8	45.5	57.7	54.0	74.0	8.5	16.3	165.0	163.0

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.

4.5 Frequency Stability

4.5.1 Measurement procedure

[FCC 15.407(g)]

The EUT was placed of an inside of a constant temperature chamber as the temperature in the chamber was varied between -30°C and $+60^{\circ}\text{C}$. The temperature was incremented by 10°C intervals and the unit was allowed to stabilize at each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channels center frequency was recorded.

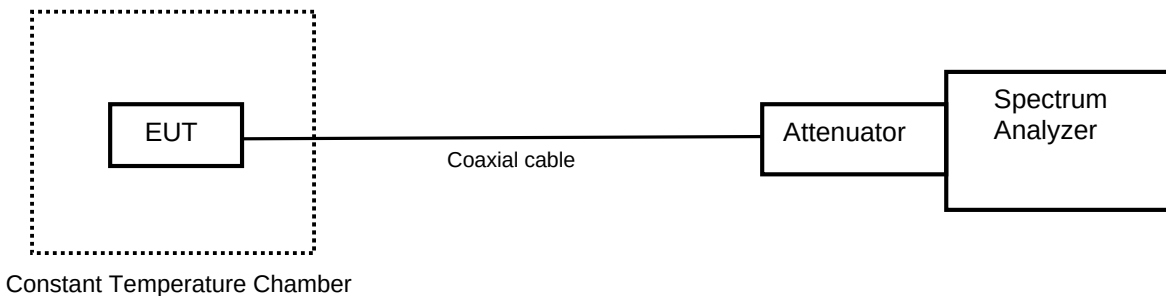
The EUT was set to operate with following conditions.

- 5.2 GHz Band, 5.3 GHz Band, 5.6 GHz Band, 5.8 GHz Band

The test mode of EUT is as follows.

- Tx mode

- Test configuration



4.5.2 Limit

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified.

4.5.3 Measurement result

Date : 10-December-2025
Temperature : 19.7 [°C]
Humidity : 45.8 [%]
Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 11-December-2025
Temperature : 21.9 [°C]
Humidity : 40.6 [%]
Test place : Shielded room No.4

Test engineer : Kazunori Saito

Date : 12-December-2025
Temperature : 21.6 [°C]
Humidity : 25.9 [%]
Test place : Shielded room No.4

Test engineer : Kazunori Saito

[Chain 0]

[IEEE802.11a]

5.2 GHz Band, 5.3 GHz Band

Limit[MHz]		5150MHz ≤	≤ 5350MHz	
Power Supply [V]	Temperature [°C]	Low Frequency [MHz]	High Frequency [MHz]	Result
3.87	25(Ref.)	5,171.8082	5,328.1918	Pass
	50	5,171.8082	5,328.1518	Pass
	40	5,171.8082	5,328.1518	Pass
	30	5,171.8082	5,328.1518	Pass
	20	5,171.8082	5,328.1918	Pass
	10	5,171.8482	5,328.1918	Pass
	0	5,171.8482	5,328.1918	Pass
	-10	5,171.8482	5,328.2318	Pass
	-20	5,171.8482	5,328.2318	Pass
	-30	5,171.8482	5,328.1918	Pass
3.48	25	5,171.8082	5,328.1918	Pass
4.26	25	5,171.8082	5,328.1918	Pass

5.6 GHz Band

Limit[MHz]		5470MHz ≤	≤ 5850MHz	
Power Supply [V]	Temperature [°C]	Low Frequency [MHz]	High Frequency [MHz]	Result
3.87	25(Ref.)	5,491.8082	5,728.1518	Pass
	50	5,491.8082	5,728.1518	Pass
	40	5,491.8082	5,728.1518	Pass
	30	5,491.8082	5,728.1518	Pass
	20	5,491.8082	5,728.1518	Pass
	10	5,491.8082	5,728.1918	Pass
	0	5,491.8482	5,728.1918	Pass
	-10	5,491.8482	5,728.1918	Pass
	-20	5,491.8482	5,728.1918	Pass
	-30	5,491.8082	5,728.1918	Pass
3.48	25	5,491.8082	5,728.1518	Pass
4.26	25	5,491.8082	5,728.1518	Pass

[Chain 1]

[IEEE802.11a]

5.2 GHz Band, 5.3 GHz Band

Limit[MHz]		5150MHz <	< 5350MHz	
Power Supply [V]	Temperature [°C]	Low Frequency [MHz]	High Frequency [MHz]	Result
3.87	25(Ref.)	5,171.8082	5,328.1518	Pass
	50	5,171.8082	5,328.1518	Pass
	40	5,171.8082	5,328.1518	Pass
	30	5,171.8082	5,328.1518	Pass
	20	5,171.8082	5,328.1918	Pass
	10	5,171.8082	5,328.1918	Pass
	0	5,171.8482	5,328.1918	Pass
	-10	5,171.8482	5,328.1918	Pass
	-20	5,171.8482	5,328.1918	Pass
	-30	5,171.8082	5,328.1918	Pass
3.48	25	5,171.8082	5,328.1918	Pass
4.26	25	5,171.8082	5,328.1518	Pass

5.6 GHz Band

Limit[MHz]		5470MHz <	< 5850MHz	
Power Supply [V]	Temperature [°C]	Low Frequency [MHz]	High Frequency [MHz]	Result
3.87	25(Ref.)	5,491.8082	5,728.1518	Pass
	50	5,491.8082	5,728.1518	Pass
	40	5,491.7682	5,728.1518	Pass
	30	5,491.8082	5,728.1518	Pass
	20	5,491.8082	5,728.1918	Pass
	10	5,491.8082	5,728.1918	Pass
	0	5,491.8082	5,728.1918	Pass
	-10	5,491.8482	5,728.1918	Pass
	-20	5,491.8482	5,728.1918	Pass
	-30	5,491.8082	5,728.1918	Pass
3.48	25	5,491.8082	5,728.1518	Pass
4.26	25	5,491.8082	5,728.1518	Pass

4.6 AC Power Line Conducted Emissions

4.6.1 Measurement procedure

[FCC 15.207]

Test was applied by following conditions.

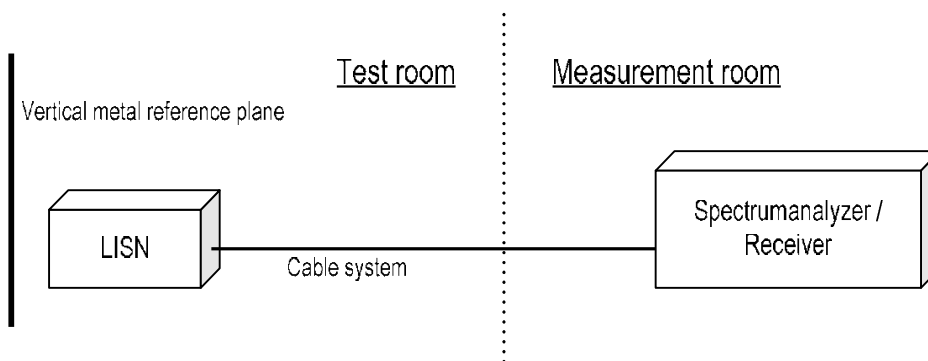
Test method	: ANSI C63.10
Frequency range	: 0.15 MHz to 30 MHz
Test place	: 3m Semi-anechoic chamber
EUT was placed on	: Styrofoam table / (W)1.0m × (D)0.8m × (H)0.8m
Vertical Metal Reference Plane	: (W) 2.0 × (H) 2.0 m, 0.4 m away from EUT
Test receiver setting	
- Detector	: Quasi-peak, Average
- Bandwidth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



4.6.2 Calculation method

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

Margin = Limit – Emission level

4.6.3 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.

4.6.4 Test data

Date : 19-November-2025

Temperature : 18.7 [°C]

Humidity : 28.2 [%]

Test place : 3m Semi-anechoic chamber

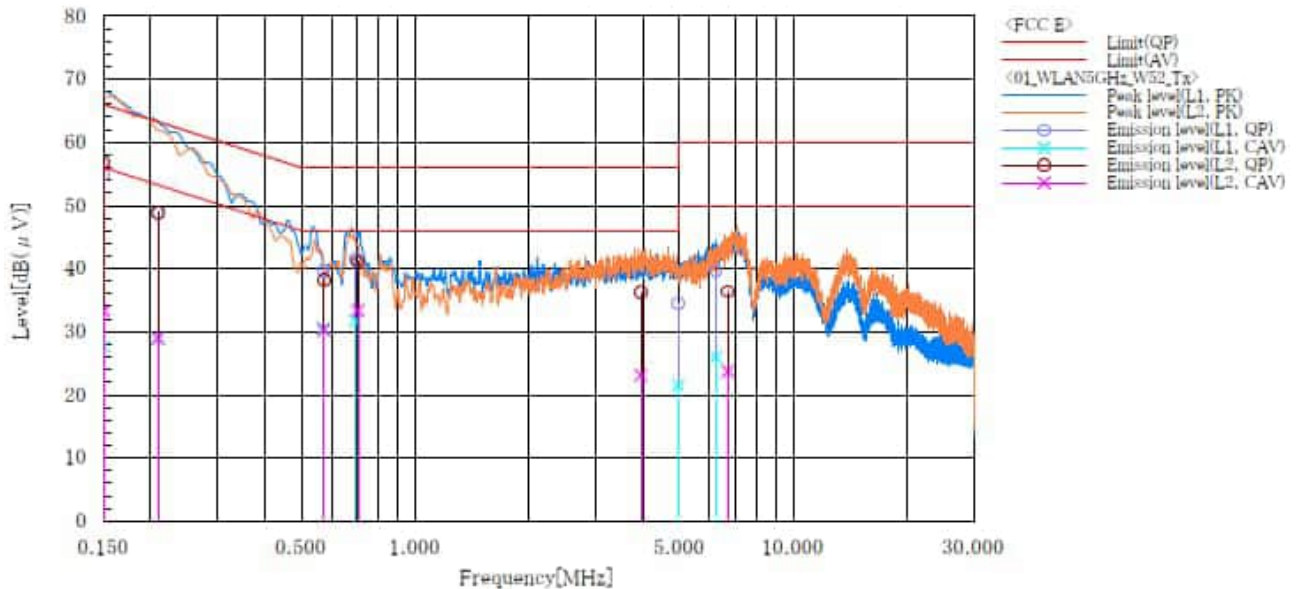
Test engineer :

Tadahiro Seino

[5.2 GHz Band]

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W52_Tx

Sheet No. : 01
 Standard : FCC Part 15 Subpart E
 Operator : T.Seino
 Temp.Hum.Attn : 18.7 [°C] 28.2 [%]
 Note1 : CH:36 (5180MHz)



Final Result

--- L1 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading CAV [dB(μV)]	c.f. [dB]	Result QP [dB(μV)]	Result CAV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin CAV [dB]
1	0.150	44.4	17.2	10.5	54.9	27.7	66.0	56.0	11.1	28.3
2	0.209	38.4	18.5	10.4	48.8	28.9	63.2	53.2	14.4	24.3
3	0.572	29.4	20.3	10.3	39.7	30.6	56.0	46.0	16.3	15.4
4	0.695	31.3	21.4	10.3	41.6	31.7	56.0	46.0	14.4	14.3
5	4.963	23.9	10.9	10.6	34.5	21.5	56.0	46.0	21.5	24.5
6	6.241	28.9	15.2	10.8	39.7	26.0	60.0	50.0	20.3	24.0

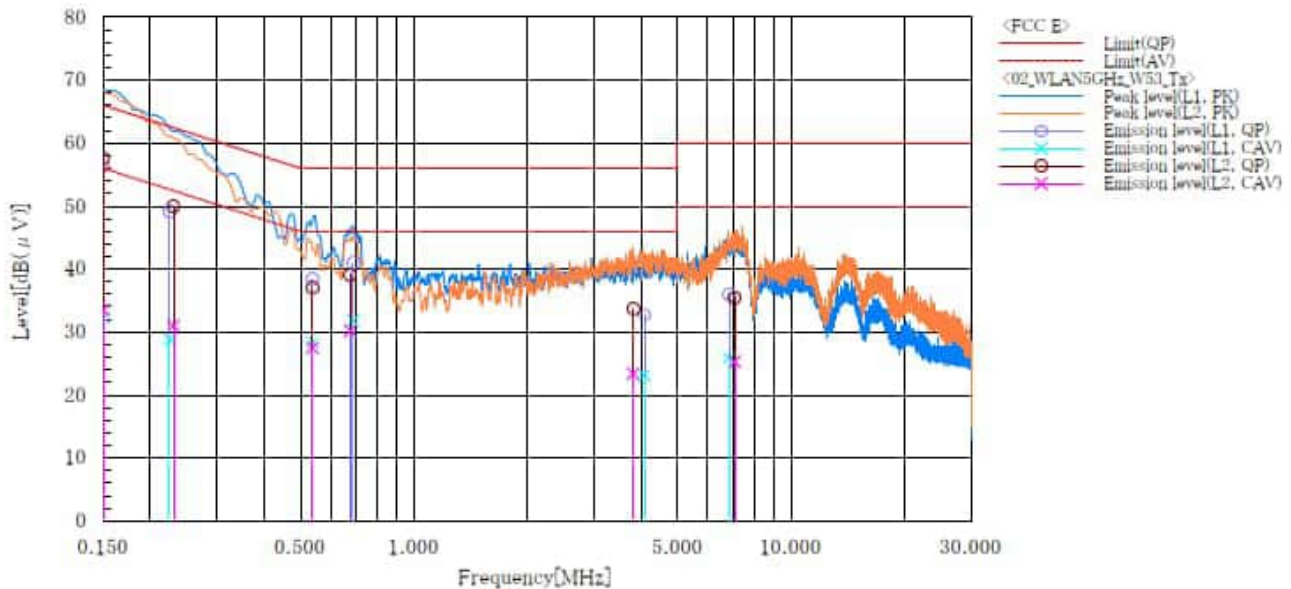
--- L2 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading CAV [dB(μV)]	c.f. [dB]	Result QP [dB(μV)]	Result CAV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin CAV [dB]
1	0.150	46.4	22.8	10.5	56.9	33.3	66.0	56.0	9.1	22.7
2	0.209	38.5	18.6	10.4	48.9	29.0	63.2	53.2	14.3	24.2
3	0.574	27.9	20.0	10.3	38.2	30.3	56.0	46.0	17.8	15.7
4	0.705	30.9	23.1	10.3	41.2	33.4	56.0	46.0	14.8	12.6
5	3.948	25.6	12.5	10.6	36.2	23.1	56.0	46.0	19.8	22.9
6	6.713	25.6	12.9	10.8	36.4	23.7	60.0	50.0	23.6	26.3

[5.3 GHz Band]

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W53_Tx

Sheet No. : 02
 Standard : FCC Part 15 Subpart E
 Operator : T.Seino
 Temp,Hum,Atm : 18.7 [°C] 28.2 [%]
 Note1 : CH:52 (5260MHz)



Final Result

--- L1 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading CAV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result CAV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin CAV [dB]
1	0.150	45.8	21.7	10.5	56.3	32.2	66.0	56.0	9.7	23.8
2	0.225	38.7	18.4	10.4	49.1	28.8	62.6	52.6	13.5	23.8
3	0.538	28.1	18.1	10.3	38.4	28.4	56.0	46.0	17.6	17.6
4	0.690	30.6	21.5	10.3	40.9	31.8	56.0	46.0	15.1	14.2
5	4.083	22.1	12.5	10.6	32.7	23.1	56.0	46.0	23.3	22.9
6	6.842	25.2	15.1	10.8	36.0	25.9	60.0	50.0	24.0	24.1

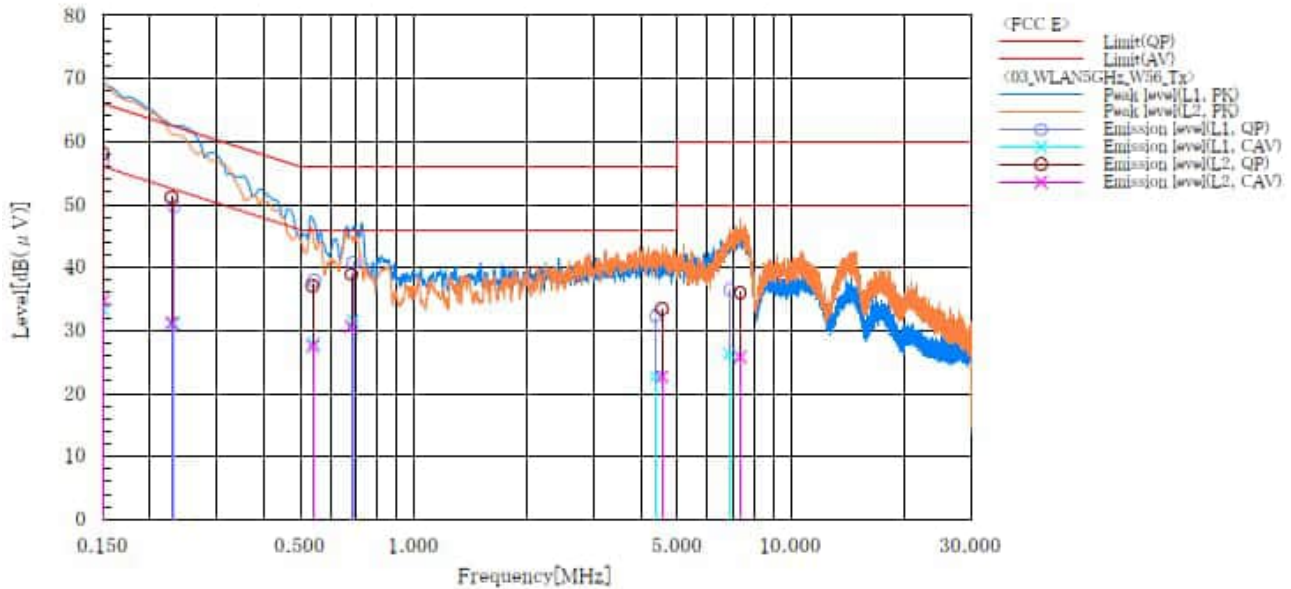
--- L2 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading CAV [dB(μV)]	c.f [dB]	Result QP [dB(μV)]	Result CAV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin CAV [dB]
1	0.150	47.1	23.0	10.5	57.6	33.5	66.0	56.0	8.4	22.5
2	0.230	39.6	20.6	10.4	50.0	31.0	62.4	52.4	12.4	21.4
3	0.538	26.7	17.2	10.3	37.0	27.5	56.0	46.0	19.0	18.5
4	0.678	28.8	19.9	10.3	39.1	30.2	56.0	46.0	16.9	15.8
5	3.811	23.1	12.8	10.6	33.7	23.4	56.0	46.0	22.3	22.6
6	7.082	24.7	14.5	10.8	35.5	25.3	60.0	50.0	24.5	24.7

[5.6 GHz Band]

Company name : KYOCERA Corporation
 EUT : Mobile Phone
 Model No. : EB1220
 Serial No. : 353379980000799
 Test mode : WLAN_W56_Tx

Sheet No. : 03
 Standard : FCC Part 15 Subpart E
 Operator : T.Seino
 Temp.Hum.Atm : 18.7 [°C] 28.2 [%]
 Note1 : CH:100 (5500MHz)



Final Result

--- L1 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading CAV [dB(μV)]	c. f [dB]	Result QP [dB(μV)]	Result CAV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin CAV [dB]
1	0.150	46.5	22.8	10.5	57.0	33.3	66.0	56.0	9.0	22.7
2	0.231	39.2	20.7	10.4	49.6	31.1	62.4	52.4	12.8	21.3
3	0.543	27.7	17.7	10.3	38.0	28.0	56.0	46.0	18.0	18.0
4	0.691	30.5	21.2	10.3	40.8	31.5	56.0	46.0	15.2	14.5
5	4.376	21.7	12.1	10.6	32.3	22.7	56.0	46.0	23.7	23.3
6	6.867	25.7	15.5	10.8	36.5	26.3	60.0	50.0	23.5	23.7

--- L2 ---

No.	Frequency [MHz]	Reading QP [dB(μV)]	Reading CAV [dB(μV)]	c. f [dB]	Result QP [dB(μV)]	Result CAV [dB(μV)]	Limit QP [dB(μV)]	Limit AV [dB(μV)]	Margin QP [dB]	Margin CAV [dB]
1	0.150	47.6	24.2	10.5	58.1	34.7	66.0	56.0	7.9	21.3
2	0.228	40.8	20.8	10.4	51.2	31.2	62.5	52.5	11.3	21.3
3	0.540	26.8	17.2	10.3	37.1	27.5	56.0	46.0	18.9	18.5
4	0.683	28.6	20.3	10.3	38.9	30.6	56.0	46.0	17.1	15.4
5	4.553	22.8	12.1	10.6	33.4	22.7	56.0	46.0	22.6	23.3
6	7.332	25.1	14.9	10.9	36.0	25.8	60.0	50.0	24.0	24.2

4.7 Duty Cycle

4.7.1 Measurement procedure

[ANSI C63.10, Section 12.2, KDB 789033 D02, Section B, Zero-Span Spectrum Analyzer Method]

The duty cycle is measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate center frequency.

The spectrum analyzer is set to;

- RBW=8 MHz, VBW=8 MHz, Span=0 Hz, Sweep=Auto, Detector=Peak, Trace mode=Single

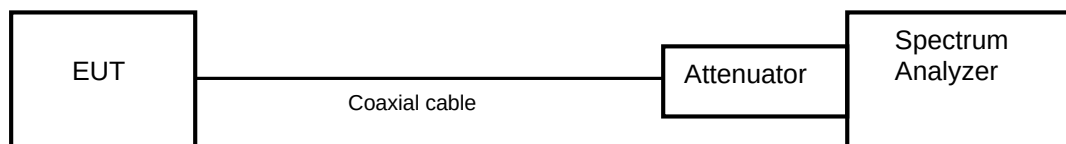
The EUT was set to operate with following conditions.

- 5.2 GHz Band, 5.3 GHz Band, 5.6 GHz Band, 5.8 GHz Band

The test mode of EUT is as follows.

- Tx mode

- Test configuration



4.7.2 Limit

None

4.7.3 Measurement result

Date : 7-November-2025

Temperature : 19.9 [°C]

Humidity : 48.6 [%]

Test place : Shielded room No.4

Test engineer :

Kazunori Saito

Mode	Channel	Frequency (MHz)	Duty Cycle				DCF (dB) 10log(1/x)	DCF (dB) 20log(1/x)
			On Time(ms)	On+Off Time(ms)	X	1/T		
802.11a	36	5180	2.098	2.119	0.990	476.6	0	0
	40	5200						
	48	5240						
	52	5260	2.098	2.119	0.990	476.6	0	0
	56	5280						
	64	5320						
	100	5500	2.098	2.119	0.990	476.6	0	0
	116	5580						
	140	5700						
	144	5720						

Note: X = On time / (On + Off time)

Mode	Channel	Frequency (MHz)	Duty Cycle				DCF (dB) 10log(1/x)	DCF (dB) 20log(1/x)
			On Time(ms)	On+Off Time(ms)	X	1/T		
802.11n (20MHz)	36	5180	5.421	5.457	0.993	184.5	0	0
	40	5200						
	48	5240						
	52	5260	5.421	5.457	0.993	184.5	0	0
	56	5280						
	64	5320						
	100	5500	5.421	5.457	0.993	184.5	0	0
	116	5580						
	140	5700						
	144	5720						

Note: X = On time / (On + Off time)

Mode	Channel	Frequency (MHz)	Duty Cycle				DCF (dB) 10log(1/x)	DCF (dB) 20log(1/x)
			On Time(ms)	On+Off Time(ms)	X	1/T		
802.11ac (20MHz)	36	5180	5.421	5.457	0.993	184.5	0	0
	40	5200						
	48	5240						
	52	5260	5.421	5.457	0.993	184.5	0	0
	56	5280						
	64	5320						
	100	5500	5.421	5.457	0.993	184.5	0	0
	116	5580						
	140	5700						
	144	5720						

Note: X = On time / (On + Off time)

Mode	Channel	Frequency (MHz)	Duty Cycle				DCF (dB) 10log(1/x)	DCF (dB) 20log(1/x)
			On Time(ms)	On+Off Time(ms)	X	1/T		
802.11n (40MHz)	38	5190	5.400	5.453	0.990	185.2	0	0
	46	5230						
	54	5270	5.400	5.453	0.990	185.2	0	0
	62	5310						
	102	5510	5.400	5.453	0.990	185.2	0	0
	110	5550						
	134	5670						
	142	5710						

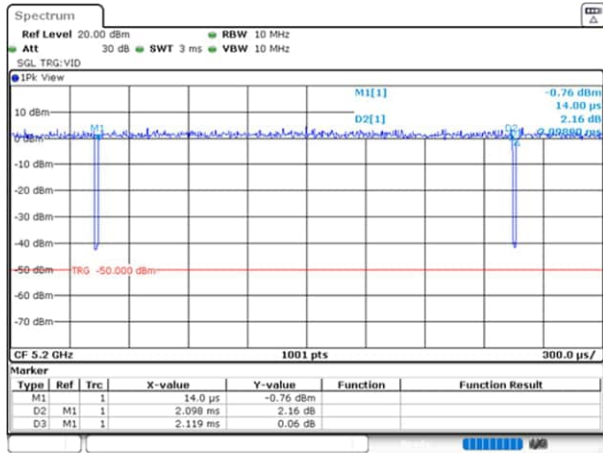
Note: X = On time / (On + Off time)

Mode	Channel	Frequency (MHz)	Duty Cycle				DCF (dB) 10log(1/x)	DCF (dB) 20log(1/x)
			On Time(ms)	On+Off Time(ms)	X	1/T		
802.11ac (80MHz)	42	5210	5.400	5.453	0.990	185.2	0	0
	58	5290	5.400	5.453	0.990	185.2	0	0
	106	5530	5.400	5.453	0.990	185.2	0	0
	121	5610	5.400	5.453	0.990	185.2	0	0
	138	5690	5.400	5.453	0.990	185.2	0	0

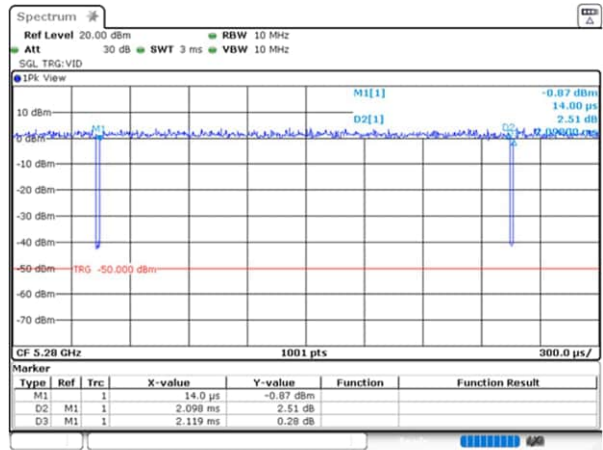
Note: X = On time / (On + Off time)

4.7.4 Trace data

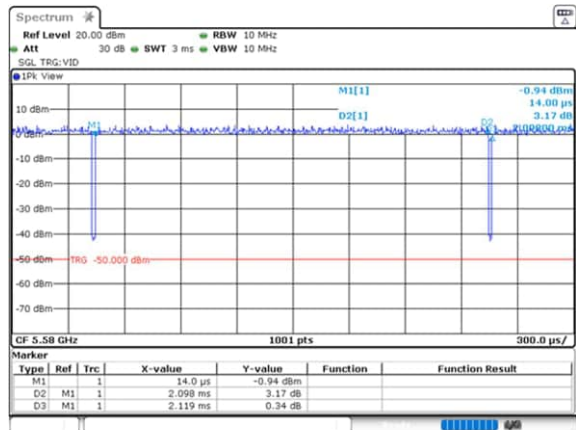
[IEEE802.11a]
(5.2 GHz Band)
Channel: 40



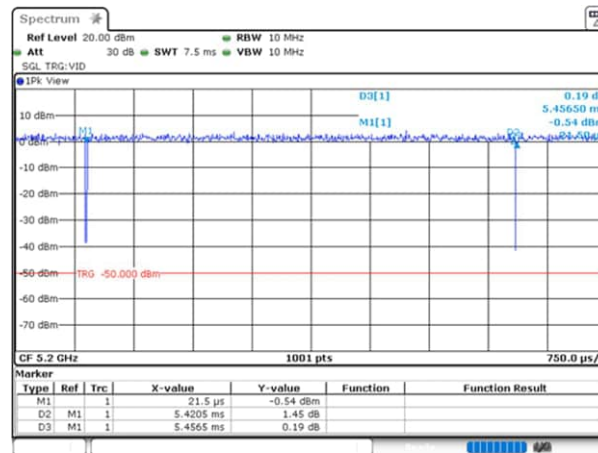
(5.3 GHz Band)
Channel: 56



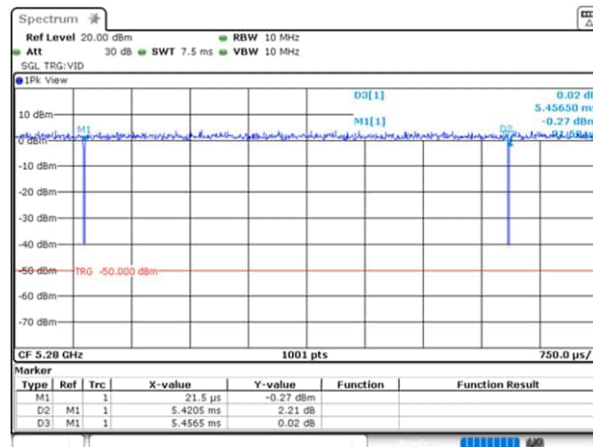
(5.6 GHz Band)
Channel: 116



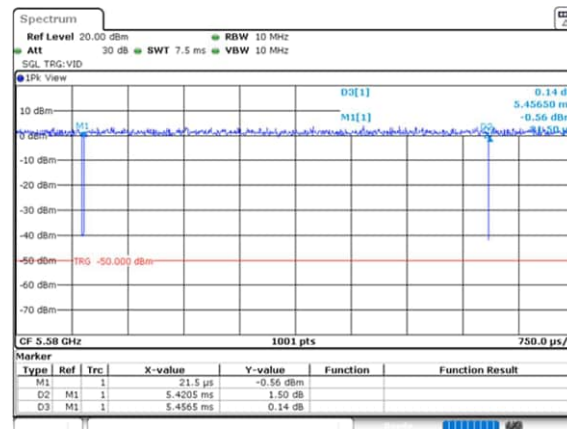
[IEEE802.11n (HT20)]
(5.2 GHz Band)
Channel: 40



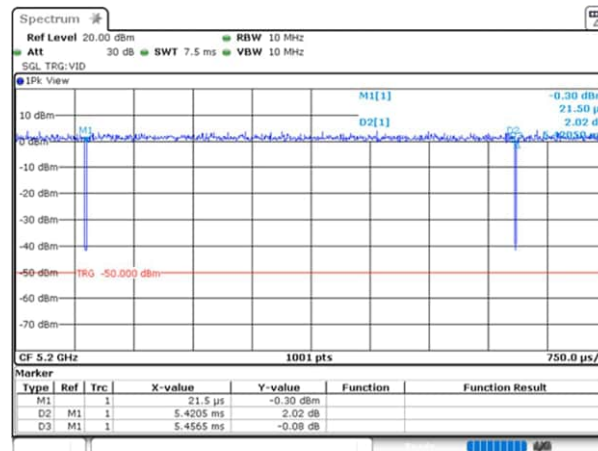
(5.3 GHz Band)
Channel: 56



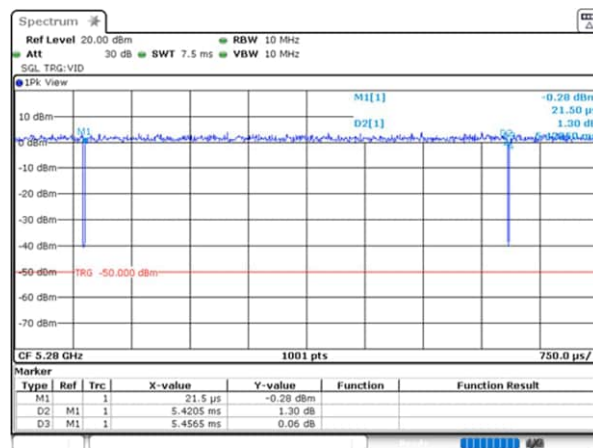
(5.6 GHz Band)
Channel: 116



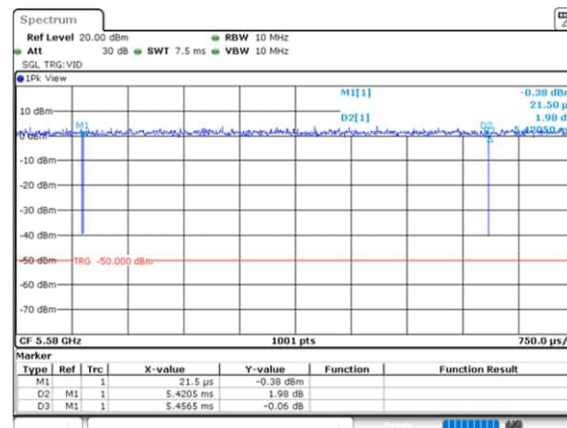
[IEEE802.11ac (VHT20)]
(5.2 GHz Band)
Channel: 40



(5.3 GHz Band)
Channel: 56

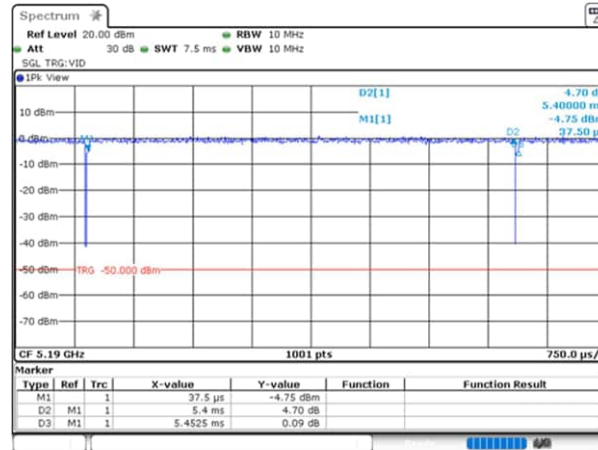


(5.6 GHz Band)
Channel: 116

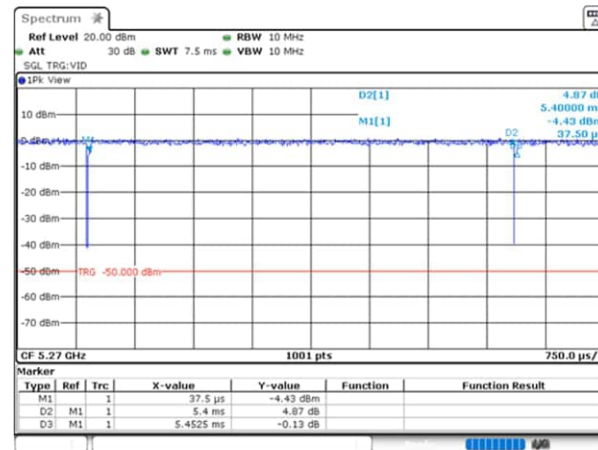


[IEEE802.11n (HT40)]

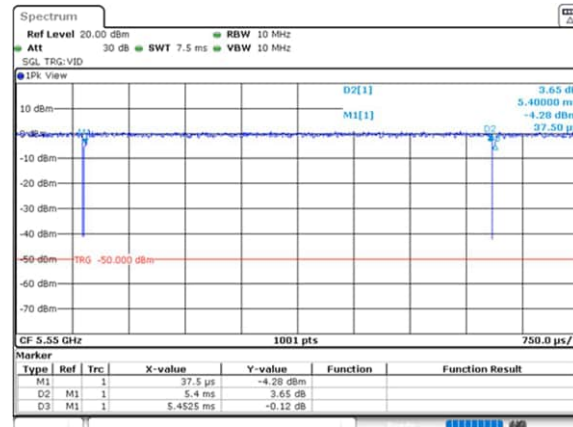
(5.2 GHz Band)
Channel: 38



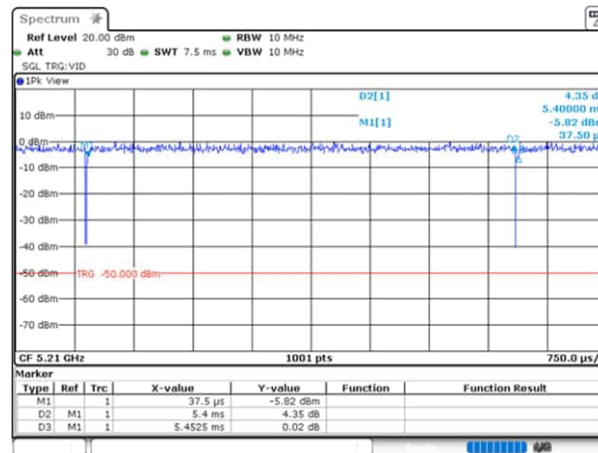
(5.3 GHz Band)
Channel: 54



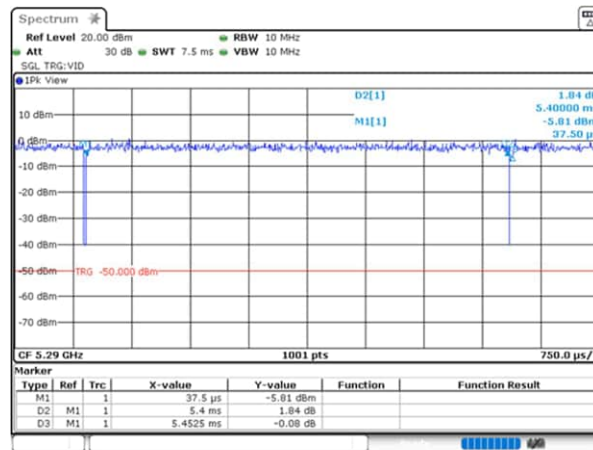
(5.6 GHz Band)
Channel: 110



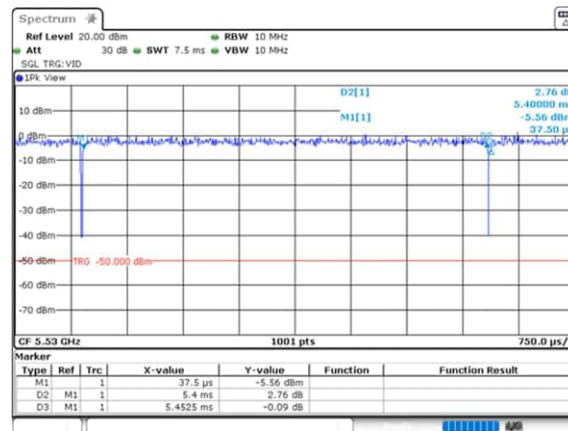
[IEEE802.11ac (VHT80)]
(5.2 GHz Band)
Channel: 42



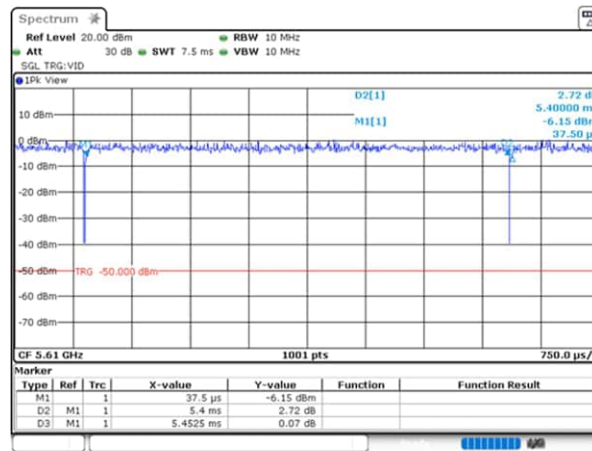
(5.3 GHz Band)
Channel: 58



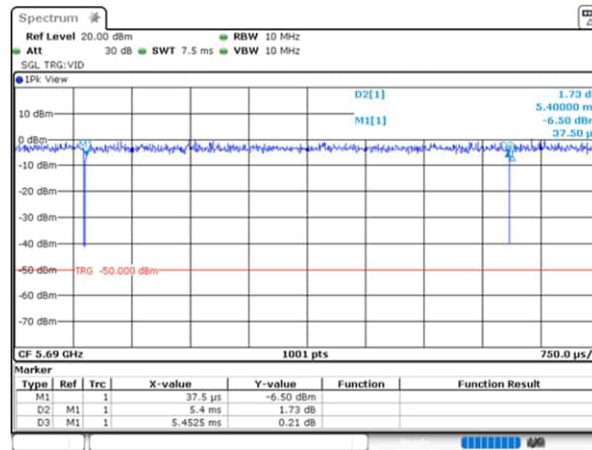
(5.6 GHz Band)
Channel: 106



(5.6 GHz Band)
Channel: 122



Channel: 138



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.

6 Measurement uncertainty

The reported measurement uncertainty is based on a value obtained by multiplying standard uncertainty by coverage factor of $k=2$, and a level of confidence becomes 95 %.

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)	± 3.7 dB
Radiated emission (30 MHz – 1000 MHz)	± 5.4 dB
Radiated emission (1 GHz – 6 GHz)	± 5.1 dB
Radiated emission (6 GHz – 18 GHz)	± 4.8 dB
Radiated emission (18 GHz – 40 GHz)	± 6.0 dB
Radio Frequency	$\pm 0.9 \times 10^{-7}$
RF power, conducted	± 0.6 dB
Effective radiated power	± 4.3 dB
Radiated spurious emissions	± 4.4 dB
Adjacent channel power	± 1.5 dB
Bandwidth	± 2.8 %
Temperature	± 0.6 °C
Humidity	± 1.2 %
Voltage (DC)	± 0.4 %
Voltage (AC, <10kHz)	± 0.2 %

Judge	Measured value and standard limit value	
PASS	Standard limit value +Uncertainty -Uncertainty Measured value Even if it takes uncertainty into consideration, a standard limit value is fulfilled.	
	Standard limit value +Uncertainty -Uncertainty Measured value Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration.	
FAIL	Standard limit value +Uncertainty -Uncertainty Measured value Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.	
	Standard limit value +Uncertainty -Uncertainty Measured value Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.	

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

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

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

Appendix A. Test Equipment

Antenna port conducted test

Equipment	Company	Model No.	Serial No.	Cal. Due	Cal. Date
Spectrum analyzer	ROHDE&SCHWARZ	FSV40	101731	31-Jul-2026	31-Jul-2025
Attenuator	Weinschel	56-10	J4993	31-Dec-2025	16-Dec-2024
Microwave cable	HUBER+SUHNER	SUCOFLEX102/1m	547874/2	31-Jul-2026	9-Jul-2025
Low temperature and humidity chamber	Espec	PL1KP	14007261	30-Jun-2026	5-Jun-2025

Radiated emission

Equipment	Company	Model No.	Serial No.	Cal. Due	Cal. Date
EMI receiver	ROHDE&SCHWARZ	ESW44	103171	31-Dec-2025	2-Dec-2024
Preamplifier	SONOMA	310	372170	30-Sep-2026	10-Sep-2025
Loop antenna	TESEQ	HLA6121	65079	31-Aug-2026	12-Aug-2025
Attenuator	TOYO Connector	NA-PJ-6/6dB	N/A(S542)	30-Jun-2026	18-Jun-2025
Biconical antenna	Schwarzbeck	VHBB9124/BBA9106	1344	31-Aug-2026	19-Aug-2025
Log-periodic antenna	Schwarzbeck	VUJSLP9111B	#343	31-Dec-2025	9-Dec-2024
Attenuator	TOYO Connector	NA-PJ-6/6dB	N/A(S541)	30-Sep-2026	11-Sep-2025
Attenuator	TAMAGAWA.ELEC	CFA-01/3dB	N/A(S503)	31-Jul-2026	9-Jul-2025
Preamplifier	Techno Science Japan	MLA-0118-J02-40	23050008	30-Jun-2026	19-Jun-2025
Attenuator	AEROFLEX	26A-10	081217-08	31-Dec-2025	16-Dec-2024
Double ridged guide antenna	ETS LINDGREN	3117	00256478	30-Jun-2026	30-Jun-2025
Attenuator	HUBER+SUHNER	6803.17.B	N/A(2340)	31-Dec-2025	17-Dec-2024
DRGH antenna	A.H.Systems Inc.	SAS-574	469	30-Sep-2026	17-Sep-2025
Preamplifier	Techno Science Japan	MLA-1840-B03-35	1240332	30-Sep-2026	17-Sep-2025
Notch Filter	Micro-Tronics	BRM50716	006	31-Jul-2026	10-Jul-2025
Microwave cable	HUBER+SUHNER	SUCOFLEX104/9m	800690/4	31-Oct-2026	21-Oct-2025
		SUCOFLEX104/1m	my24610/4	31-Dec-2025	17-Dec-2024
		SUCOFLEX104/9m	2001102/4	31-Dec-2025	17-Dec-2024
		SUCOFLEX104/1m	MY32976/4	31-Dec-2025	17-Dec-2024
		SUCOFLEX104/2m	SN MY28404/4	31-Dec-2025	17-Dec-2024
		SUCOFLEX106/7m	41625/6	31-Dec-2025	19-Dec-2024
Software	TOYO Technica	ES10/RE-AJ	Ver.2023.01.001	N/A	N/A
Absorber	RIKEN	PFP30	N/A	N/A	N/A
3m Semi-anechoic Chamber	TOKIN	N/A	N/A(9002-NSA)	31-May-2026	15-May-2025
3m Semi-anechoic Chamber	TOKIN	N/A	N/A(9002-SVSWR)	31-May-2026	15-May-2025

Conducted emission at mains port

Equipment	Company	Model No.	Serial No.	Cal. Due	Cal. Date
EMI receiver	ROHDE&SCHWARZ	ESW44	103171	31-Dec-2025	2-Dec-2024
LISN	Kyoritsu Technology Corporation	TNW-407F2	12-17-110-2	30-Jun-2026	18-Jun-2025
Attenuator	HUBER+SUHNER	6810.01.A	N/A(S411)	31-Dec-2025	17-Dec-2024
Microwave cable	HUBER+SUHNER	SUCOFLEX104/5m	MY33601/4	31-Dec-2025	17-Dec-2024
Microwave cable	HUBER+SUHNER	SUCOFLEX104/2m	MY37268/4	31-Dec-2025	17-Dec-2024
Coaxial cable	HUBER+SUHNER	RG214/U/10m	N/A(S194)	31-Dec-2025	19-Dec-2024
50Ω terminator	TOYO Connector	BNC-TD 50Ω	N/A(S514)	28-Feb-2026	6-Feb-2025
Software	TOYO Technica	ES10/CE-AJ	Ver.2023.01.001	N/A	N/A

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