

Radiated Spurious Emission

Mode	Tx 11ax-80 (OFDMA), 484-tone RU, RU Index 65, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2025	WAC2	18 deg. C	24 % RH	Kenichi Adachi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark	
Hori.	5650.000	PK	47.91	32.99	-26.91	-	-	2.22	56.21	-39.02	-27.0	12.0	356	5	-	-
Hori.	5700.000	PK	47.51	33.00	-26.90	-	-	2.22	55.83	-39.40	10.0	49.4	356	5	-	-
Hori.	5720.000	PK	49.14	32.98	-26.89	-	-	2.22	57.45	-37.78	15.6	53.3	356	5	-	-
Hori.	5725.000	PK	52.42	32.98	-26.89	-	-	2.22	60.73	-34.50	27.0	61.5	356	5	-	-
Vert.	5650.000	PK	47.56	32.99	-26.91	-	-	2.22	55.86	-39.37	-27.0	12.3	296	7	-	-
Vert.	5700.000	PK	47.89	33.00	-26.90	-	-	2.22	56.21	-39.02	10.0	49.0	296	7	-	-
Vert.	5720.000	PK	51.56	32.98	-26.89	-	-	2.22	59.87	-35.36	15.6	50.9	296	7	-	-
Vert.	5725.000	PK	55.63	32.98	-26.89	-	-	2.22	63.94	-31.29	27.0	58.2	296	7	-	-

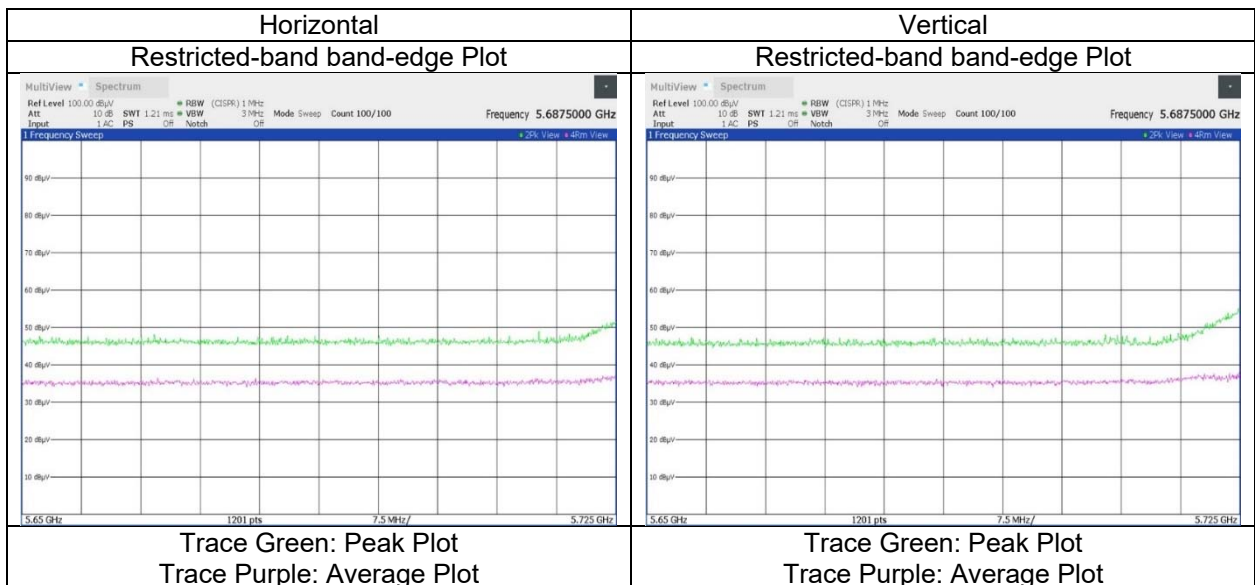
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-80 (OFDMA), 484-tone RU, RU Index 66, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 26, 2025	WAC2	18 deg. C	24 % RH	Kenichi Adachi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5850.000	PK	47.80	32.98	-26.87	-	-	2.22	56.13	-39.10	27.0	66.1	388	1	-
Hori.	5855.000	PK	47.89	32.99	-26.87	-	-	2.22	56.23	-39.00	15.6	54.6	388	1	-
Hori.	5875.000	PK	47.79	33.01	-26.87	-	-	2.22	56.15	-39.08	10.0	49.0	388	1	-
Hori.	5925.000	PK	47.58	33.10	-26.85	-	-	2.22	56.05	-39.18	-27.0	12.1	388	1	-
Vert.	5850.000	PK	47.91	32.98	-26.87	-	-	2.22	56.24	-38.99	27.0	65.9	244	10	-
Vert.	5855.000	PK	47.63	32.99	-26.87	-	-	2.22	55.97	-39.26	15.6	54.8	244	10	-
Vert.	5875.000	PK	47.64	33.01	-26.87	-	-	2.22	56.00	-39.23	10.0	49.2	244	10	-
Vert.	5925.000	PK	47.66	33.10	-26.85	-	-	2.22	56.13	-39.10	-27.0	12.1	244	10	-

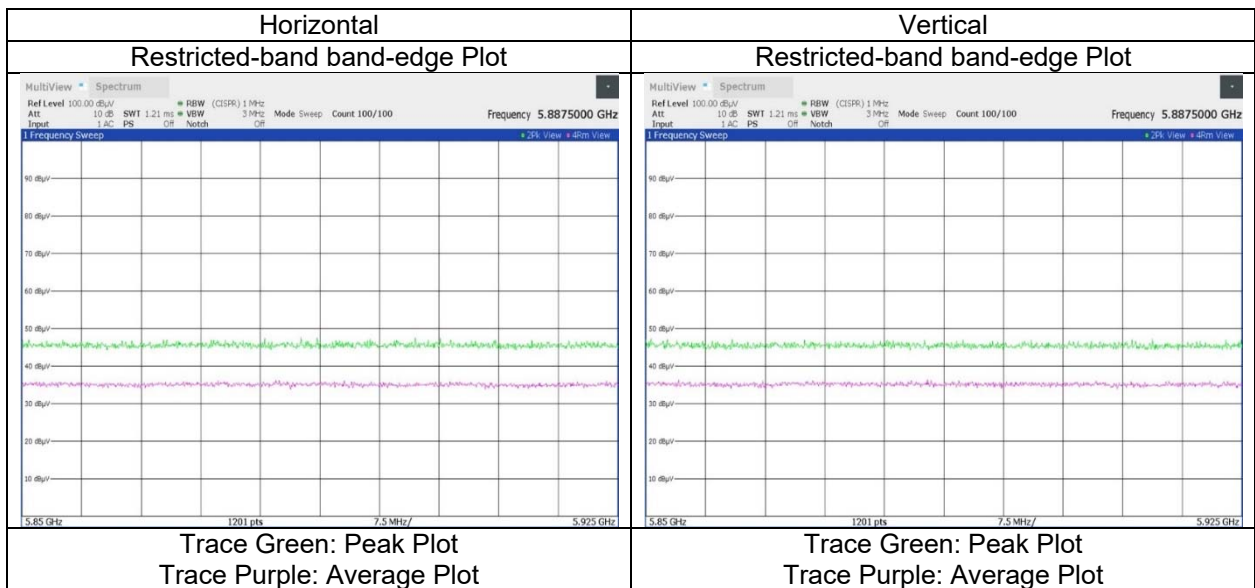
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-80 (OFDMA), 996-tone RU, RU Index 67, MIMO 5210 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	248% RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	48.15	32.12	-27.36	-	2.22	55.13	73.9	18.7	386	351	-
Vert.	5150.000	PK	47.73	32.12	-27.36	-	2.22	54.71	73.9	19.1	207	352	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	37.02	32.12	-27.36	-	0.24	2.22	44.24	53.9	9.6	*1)
Vert.	5150.000	AV	36.72	32.12	-27.36	-	0.24	2.22	43.94	53.9	9.9	*1)

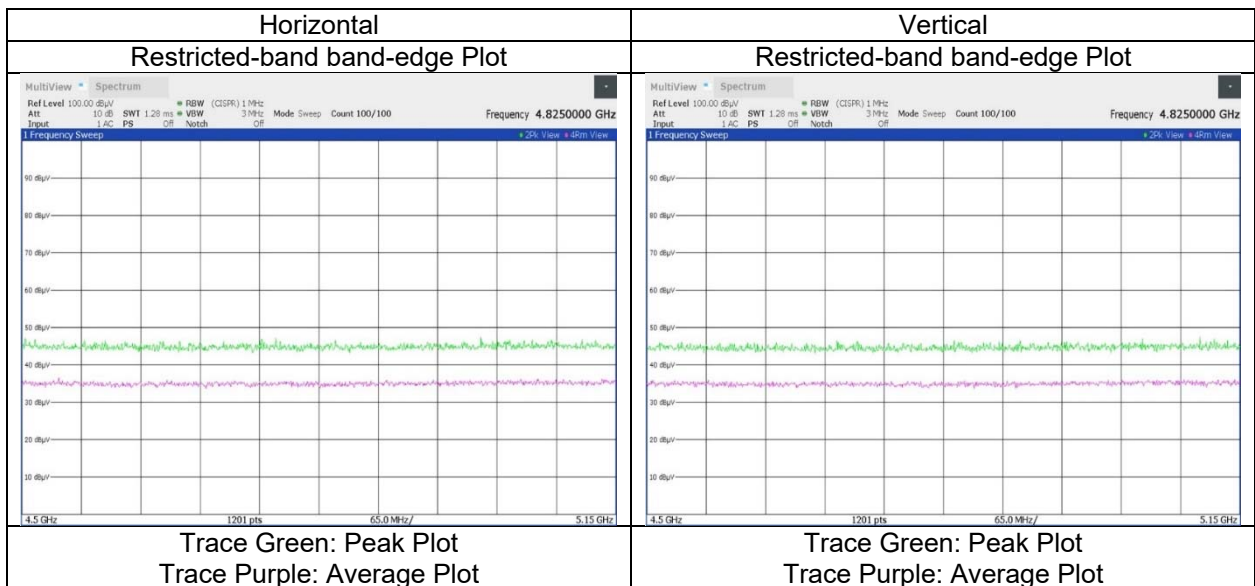
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-80 (OFDMA), 996-tone RU, RU Index 67, MIMO 5290 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	248% RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	47.52	31.88	-27.12	-	2.22	54.50	73.9	19.4	397	354	-
Vert.	5350.000	PK	48.26	31.88	-27.12	-	2.22	55.24	73.9	18.6	244	349	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5350.000	AV	36.51	31.88	-27.12	-	0.24	2.22	43.73	53.9	10.1	*1)
Vert.	5350.000	AV	36.58	31.88	-27.12	-	0.24	2.22	43.80	53.9	10.1	*1)

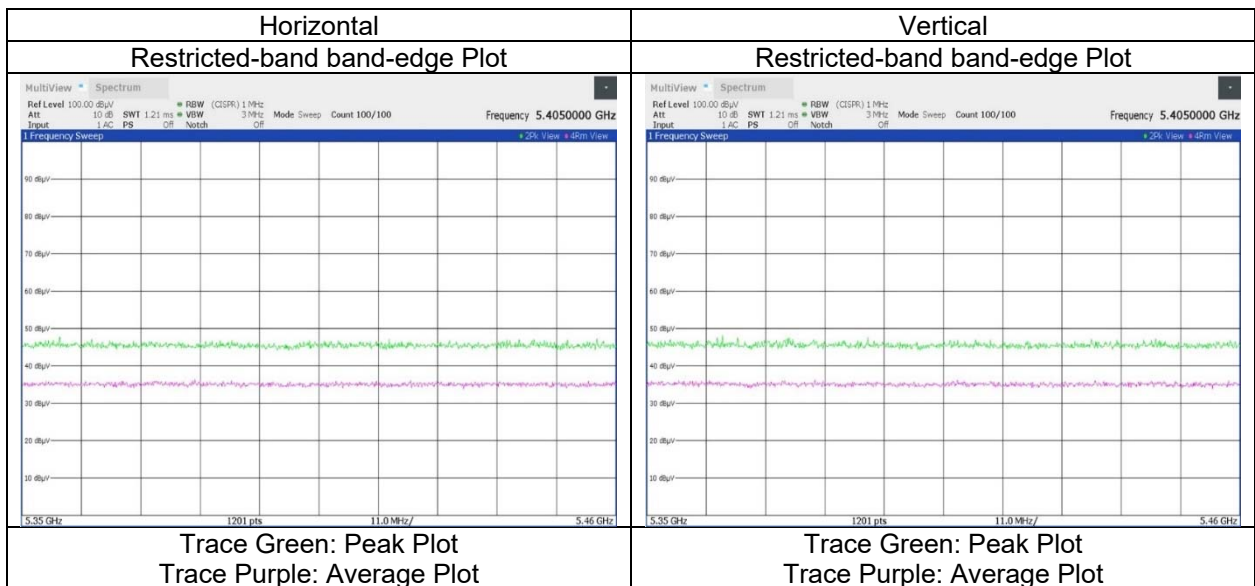
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-80 (OFDMA), 996-tone RU, RU Index 67, MIMO 5530 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	248% RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	47.66	32.30	-26.98	-	2.22	55.20	73.9	18.7	359	7	-
Vert.	5460.000	PK	47.69	32.30	-26.98	-	2.22	55.23	73.9	18.6	361	6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.59	32.30	-26.98	-	0.24	2.22	44.37	53.9	9.5 *1)	
Vert.	5460.000	AV	36.62	32.30	-26.98	-	0.24	2.22	44.40	53.9	9.5 *1)	

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.77	32.35	-26.97	-	-	2.22	55.37	-39.86	-27.0	12.8	359	7	-
Vert.	5470.000	PK	47.89	32.35	-26.97	-	-	2.22	55.49	-39.74	-27.0	12.7	361	6	-

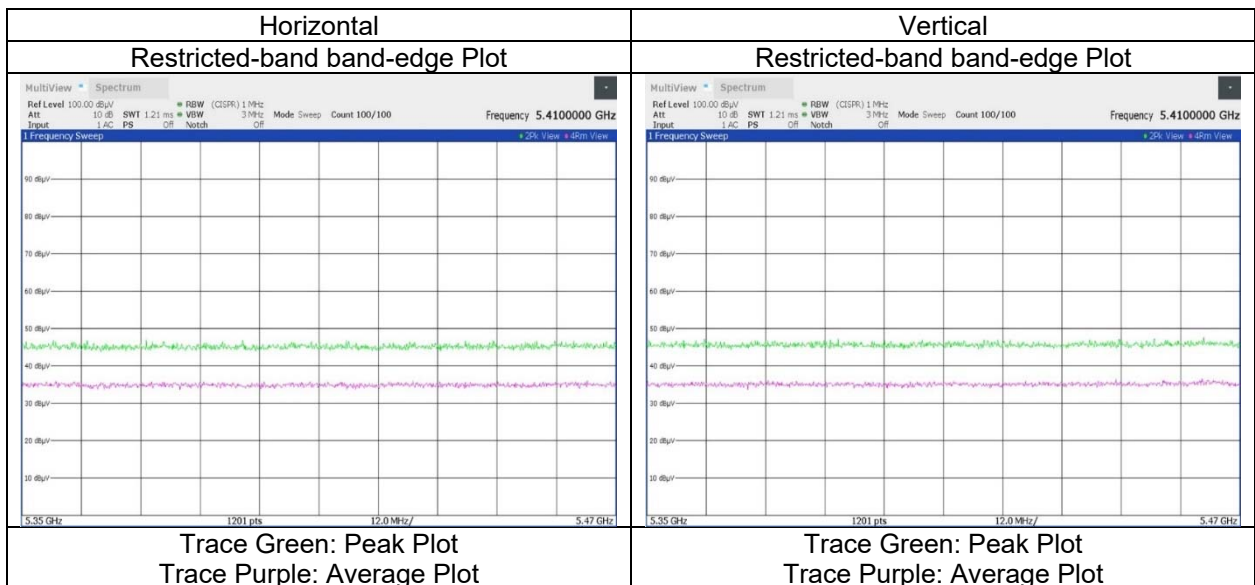
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 \cdot \log((10 \cdot (\text{Result [dBuV/m]} / 20))^2 \cdot 10^{-6} \cdot \text{Distance [m]}^2 / 30 \cdot 10^3)$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-80 (OFDMA), 996-tone RU, RU Index 67, MIMO 5610 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	248% RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5725.000	PK	48.04	32.98	-26.89	-	-	2.22	56.35	-38.88	-27.0	11.8	378	357	-
Vert.	5725.000	PK	47.85	32.98	-26.89	-	-	2.22	56.16	-39.07	-27.0	12.0	310	5	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-80 (OFDMA), 996-tone RU, RU Index 67, MIMO 5775 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	248% RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5650.000	PK	47.98	32.99	-26.91	-	-	2.22	56.28	-38.95	-27.0	11.9	389	353	-
Hori.	5700.000	PK	48.25	33.00	-26.90	-	-	2.22	56.57	-38.66	10.0	48.6	389	353	-
Hori.	5720.000	PK	48.50	32.98	-26.89	-	-	2.22	56.81	-38.42	15.6	54.0	389	353	-
Hori.	5725.000	PK	49.94	32.98	-26.89	-	-	2.22	58.25	-36.98	27.0	63.9	389	353	-
Hori.	5850.000	PK	47.71	32.98	-26.87	-	-	2.22	56.04	-39.19	27.0	66.1	389	353	-
Hori.	5855.000	PK	47.57	32.99	-26.87	-	-	2.22	55.91	-39.32	15.6	54.9	389	353	-
Hori.	5875.000	PK	47.49	33.01	-26.87	-	-	2.22	55.85	-39.38	10.0	49.3	389	353	-
Hori.	5925.000	PK	47.27	33.10	-26.85	-	-	2.22	55.74	-39.49	-27.0	12.4	389	353	-
Vert.	5650.000	PK	47.67	32.99	-26.91	-	-	2.22	55.97	-39.26	-27.0	12.2	314	5	-
Vert.	5700.000	PK	48.23	33.00	-26.90	-	-	2.22	56.55	-38.68	10.0	48.6	314	5	-
Vert.	5720.000	PK	49.74	32.98	-26.89	-	-	2.22	58.05	-37.18	15.6	52.7	314	5	-
Vert.	5725.000	PK	51.84	32.98	-26.89	-	-	2.22	60.15	-35.08	27.0	62.0	314	5	-
Vert.	5850.000	PK	48.04	32.98	-26.87	-	-	2.22	56.37	-38.86	27.0	65.8	314	5	-
Vert.	5855.000	PK	47.59	32.99	-26.87	-	-	2.22	55.93	-39.30	15.6	54.9	314	5	-
Vert.	5875.000	PK	47.29	33.01	-26.87	-	-	2.22	55.65	-39.58	10.0	49.5	314	5	-
Vert.	5925.000	PK	47.33	33.10	-26.85	-	-	2.22	55.80	-39.43	-27.0	12.4	314	5	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

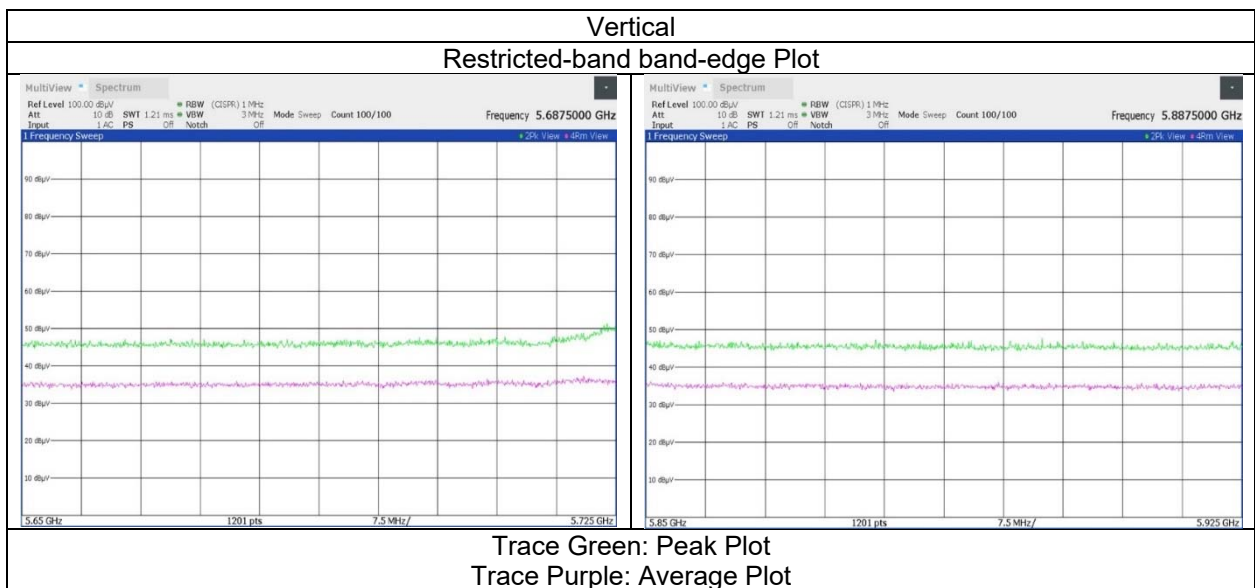
Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11ax-80 (OFDMA), 996-tone RU, RU Index 67, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	248% RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ac-160, MIMO 5250 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 18, 2025	WAC2	20 deg. C	23 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	37 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	47.90	32.12	-27.36	-	2.22	54.88	73.9	19.0	397	5	-
Hori.	5350.000	PK	48.04	31.88	-27.12	-	2.22	55.02	73.9	18.8	397	5	-
Hori.	5400.000	PK	55.62	32.03	-27.06	-	2.22	62.81	73.9	11.0	397	5	-
Hori.	15750.000	PK	47.61	39.47	-31.37	-	-9.54	46.17	73.9	27.7	150	0	Floor Noise
Hori.	21000.000	PK	46.12	40.06	12.75	47.08	-9.54	42.31	73.9	31.5	149	196	-
Hori.	15750.000	AV	37.52	39.47	-31.37	-	-9.54	36.08	53.9	17.8	150	0	Floor Noise
Vert.	5150.000	PK	47.51	32.12	-27.36	-	2.22	54.49	73.9	19.4	194	355	-
Vert.	5350.000	PK	47.62	31.88	-27.12	-	2.22	54.60	73.9	19.3	194	355	-
Vert.	5400.370	PK	56.14	32.03	-27.06	-	2.22	63.33	73.9	10.5	194	355	-
Vert.	15750.000	PK	48.06	39.47	-31.37	-	-9.54	46.62	73.9	27.2	150	0	Floor Noise
Vert.	21000.000	PK	44.87	40.06	12.75	47.08	-9.54	41.06	73.9	32.8	154	266	-
Vert.	15750.000	AV	37.25	39.47	-31.37	-	-9.54	35.81	53.9	18.0	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	36.83	32.12	-27.36	-	0.03	2.22	43.84	53.9	10.0	*1)
Hori.	5350.000	AV	36.53	31.88	-27.12	-	0.03	2.22	43.54	53.9	10.3	*1)
Hori.	5400.000	AV	38.58	32.03	-27.06	-	0.03	2.22	45.80	53.9	8.1	*2)
Hori.	21000.000	AV	39.69	40.06	12.75	47.08	0.03	-9.54	35.91	53.9	17.9	-
Vert.	5150.000	AV	36.94	32.12	-27.36	-	0.03	2.22	43.95	53.9	9.9	*1)
Vert.	5350.000	AV	36.56	31.88	-27.12	-	0.03	2.22	43.57	53.9	10.3	*1)
Vert.	5400.370	AV	39.14	32.03	-27.06	-	0.03	2.22	46.36	53.9	7.5	*2)
Vert.	21000.000	AV	37.99	40.06	12.75	47.08	0.03	-9.54	34.21	53.9	19.6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	7000.000	PK	48.08	35.80	-35.02	-	-	2.22	51.08	-44.15	-27.0	17.1	366	323	-
Hori.	10500.000	PK	47.33	36.32	-33.05	-	-	-9.54	41.06	-54.17	-27.0	27.1	150	0	Floor Noise
Vert.	7000.000	PK	50.02	35.80	-35.02	-	-	2.22	53.02	-42.21	-27.0	15.2	400	18	-
Vert.	10500.000	PK	47.54	36.32	-33.05	-	-	-9.54	41.27	-53.96	-27.0	26.9	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

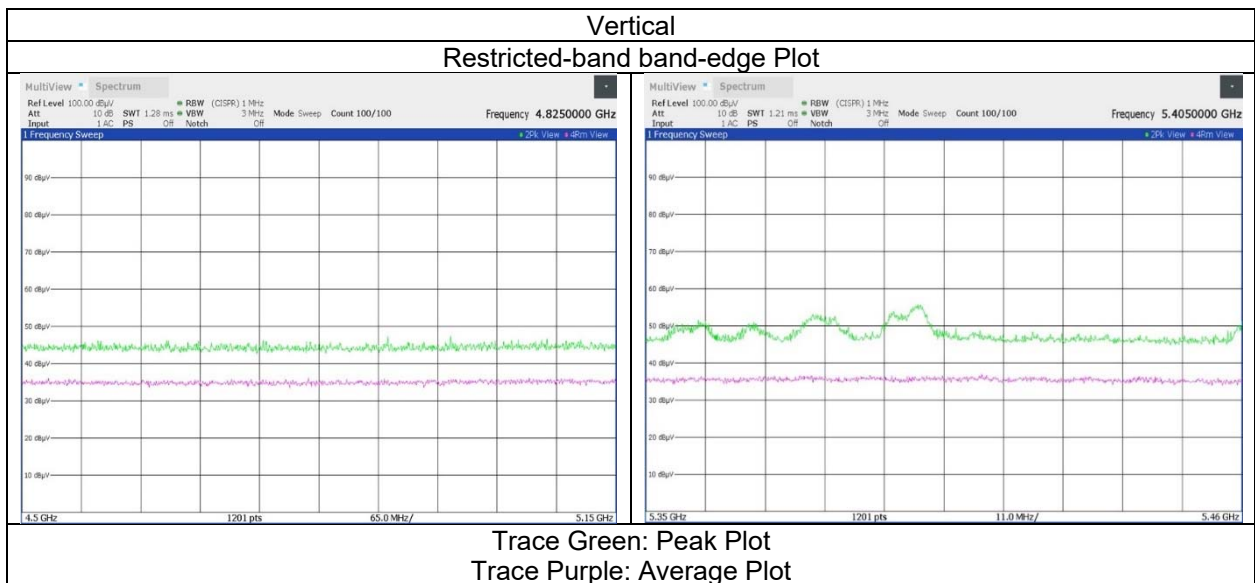
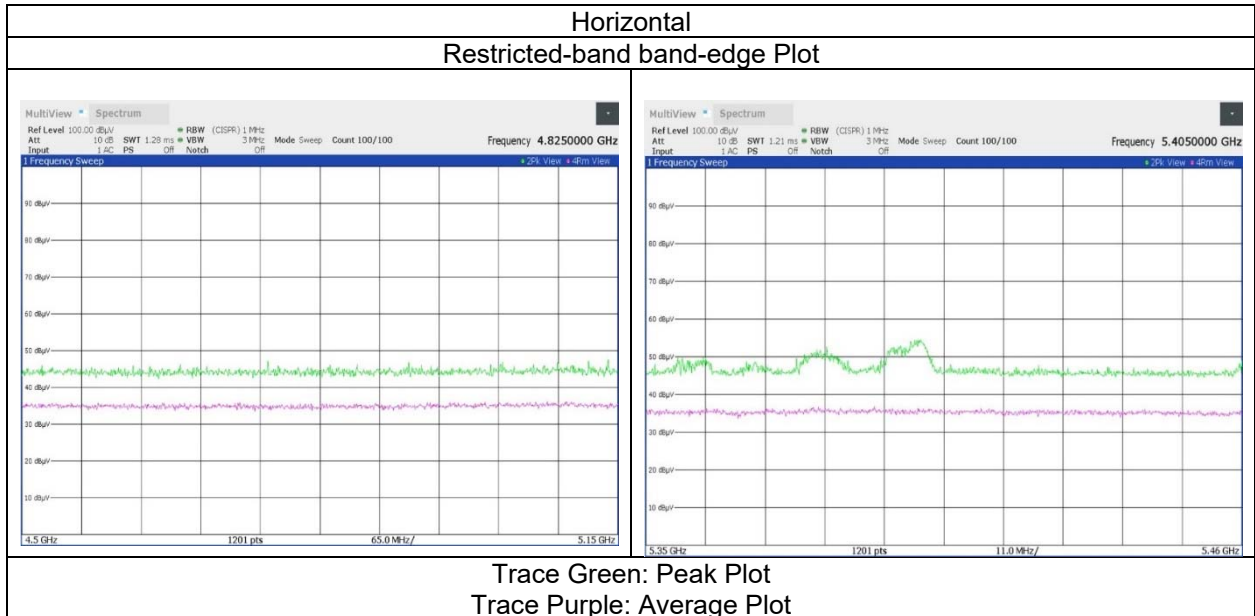
Distance Fac.: 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11ac-160, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 18, 2025	WAC2	20 deg. C	23 % RH	Miku Ikudome	1 GHz to 6.4 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ac-160, MIMO 5570 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 18, 2025	WAC2	20 deg. C	23 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	37 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5437.000	PK	51.75	32.20	-27.00	-	2.22	59.17	73.9	14.7	366	352	-
Hori.	5460.000	PK	47.99	32.30	-26.98	-	2.22	55.53	73.9	18.3	366	352	-
Hori.	11140.000	PK	47.68	37.14	-32.77	-	-9.54	42.51	73.9	31.3	150	0	Floor Noise
Hori.	22280.000	PK	46.12	40.29	13.19	47.32	-9.54	42.74	73.9	31.1	154	204	-
Hori.	11140.000	AV	36.65	37.14	-32.77	-	-9.54	31.48	53.9	22.4	150	0	Floor Noise
Vert.	5437.000	PK	53.04	32.20	-27.00	-	2.22	60.46	73.9	13.4	201	347	-
Vert.	5460.000	PK	49.26	32.30	-26.98	-	2.22	56.80	73.9	17.1	201	347	-
Vert.	11140.000	PK	47.98	37.14	-32.77	-	-9.54	42.81	73.9	31.0	150	0	Floor Noise
Vert.	22280.000	PK	46.73	40.29	13.19	47.32	-9.54	43.35	73.9	30.5	154	31	-
Vert.	11140.000	AV	36.52	37.14	-32.77	-	-9.54	31.35	53.9	22.5	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5437.000	AV	36.52	32.20	-27.00	-	0.03	2.22	43.97	53.9	9.9	*2)
Hori.	5460.000	AV	36.48	32.30	-26.98	-	0.03	2.22	44.05	53.9	9.8	*1)
Hori.	22280.000	AV	39.53	40.29	13.19	47.32	0.03	-9.54	36.18	53.9	17.7	-
Vert.	5437.000	AV	36.95	32.20	-27.00	-	0.03	2.22	44.40	53.9	9.4	*2)
Vert.	5460.000	AV	36.54	32.30	-26.98	-	0.03	2.22	44.11	53.9	9.7	*1)
Vert.	22280.000	AV	40.07	40.29	13.19	47.32	0.03	-9.54	36.72	53.9	17.1	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.64	32.35	-26.97	-	-	2.22	55.24	-39.99	-27.0	12.9	366	352	-
Hori.	5725.000	PK	47.28	32.98	-26.89	-	-	2.22	55.59	-39.64	-27.0	12.6	366	352	-
Hori.	16710.000	PK	48.42	39.17	-30.61	-	-	-9.54	47.44	-47.79	-27.0	20.7	150	0	Floor Noise
Vert.	5470.000	PK	47.98	32.35	-26.97	-	-	2.22	55.58	-39.65	-27.0	12.6	201	347	-
Vert.	5725.000	PK	48.04	32.98	-26.89	-	-	2.22	56.35	-38.88	-27.0	11.8	201	347	-
Vert.	16710.000	PK	48.31	39.17	-30.61	-	-	-9.54	47.33	-47.90	-27.0	20.9	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \log((10^{\frac{1}{10}} * (\text{Result [dBuV/m]} / 20)) * 10^{\frac{1}{10}} * (-6) * \text{Distance : 3 [m]}^2 / 30 * 10^{\frac{1}{10}} * 3)$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

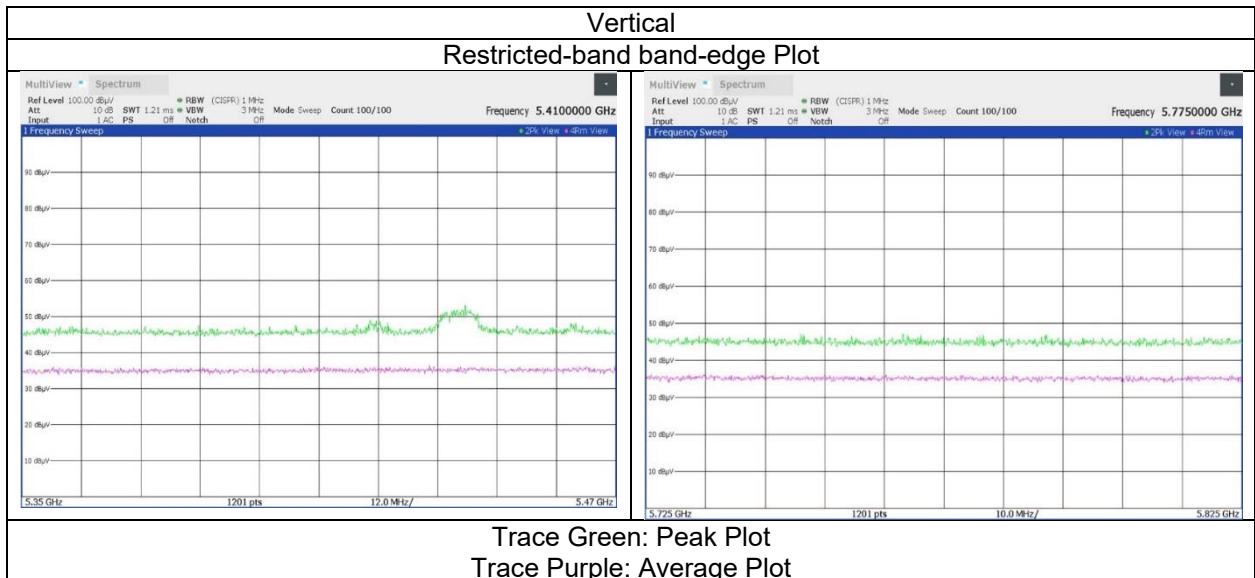
Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Radiated Spurious Emission

Mode	Tx 11ac-160, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 18, 2025	WAC2	20 deg. C	23 % RH	Miku Ikudome	1 GHz to 6.4 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDM), MIMO 5250 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 18, 2025	WAC2	21 deg. C	31 % RH	Yuta Shiba	1 GHz to 6.4 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	37 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	48.73	32.12	-27.36	-	2.22	55.71	73.9	18.1	337	348	-
Hori.	5350.000	PK	48.12	31.88	-27.12	-	2.22	55.10	73.9	18.8	337	348	-
Hori.	5399.047	PK	51.29	32.03	-27.06	-	2.22	58.48	73.9	15.4	337	348	-
Hori.	15750.000	PK	47.83	39.47	-31.37	-	-9.54	46.39	73.9	27.5	150	0	Floor Noise
Hori.	21000.000	PK	46.52	40.06	12.75	47.08	-9.54	42.71	73.9	31.1	148	196	-
Hori.	15750.000	AV	37.13	39.47	-31.37	-	-9.54	35.69	53.9	18.2	150	0	Floor Noise
Vert.	5150.000	PK	47.98	32.12	-27.36	-	2.22	54.96	73.9	18.9	254	356	-
Vert.	5350.000	PK	50.94	31.88	-27.12	-	2.22	57.92	73.9	15.9	254	356	-
Vert.	5391.760	PK	53.38	32.01	-27.07	-	2.22	60.54	73.9	13.3	254	356	-
Vert.	15750.000	PK	47.52	39.47	-31.37	-	-9.54	46.08	73.9	27.8	150	0	Floor Noise
Vert.	21000.000	PK	44.95	40.06	12.75	47.08	-9.54	41.14	73.9	32.7	155	266	-
Vert.	15750.000	AV	37.19	39.47	-31.37	-	-9.54	35.75	53.9	18.1	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	36.67	32.12	-27.36	-	0.03	2.22	43.68	53.9	10.2 *1)	-
Hori.	5350.000	AV	36.90	31.88	-27.12	-	0.03	2.22	43.91	53.9	9.9 *1)	-
Hori.	5399.047	AV	37.39	32.03	-27.06	-	0.03	2.22	44.61	53.9	9.2 *2)	-
Hori.	21000.000	AV	39.82	40.06	12.75	47.08	0.03	-9.54	36.04	53.9	17.8	-
Vert.	5150.000	AV	36.68	32.12	-27.36	-	0.03	2.22	43.69	53.9	10.2 *1)	-
Vert.	5350.000	AV	37.32	31.88	-27.12	-	0.03	2.22	44.33	53.9	9.5 *1)	-
Vert.	5391.760	AV	37.93	32.01	-27.07	-	0.03	2.22	45.12	53.9	8.7 *2)	-
Vert.	21000.000	AV	37.97	40.06	12.75	47.08	0.03	-9.54	34.19	53.9	19.7	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	7000.000	PK	48.09	35.80	-35.02	-	-	2.22	51.09	-44.14	-27.0	17.1	393	38	-
Hori.	10500.000	PK	47.65	36.32	-33.05	-	-	-9.54	41.38	-53.85	-27.0	26.8	150	0	Floor Noise
Vert.	7000.000	PK	50.48	35.80	-35.02	-	-	2.22	53.48	-41.75	-27.0	14.7	331	37	-
Vert.	10500.000	PK	48.10	36.32	-33.05	-	-	-9.54	41.83	-53.40	-27.0	26.4	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

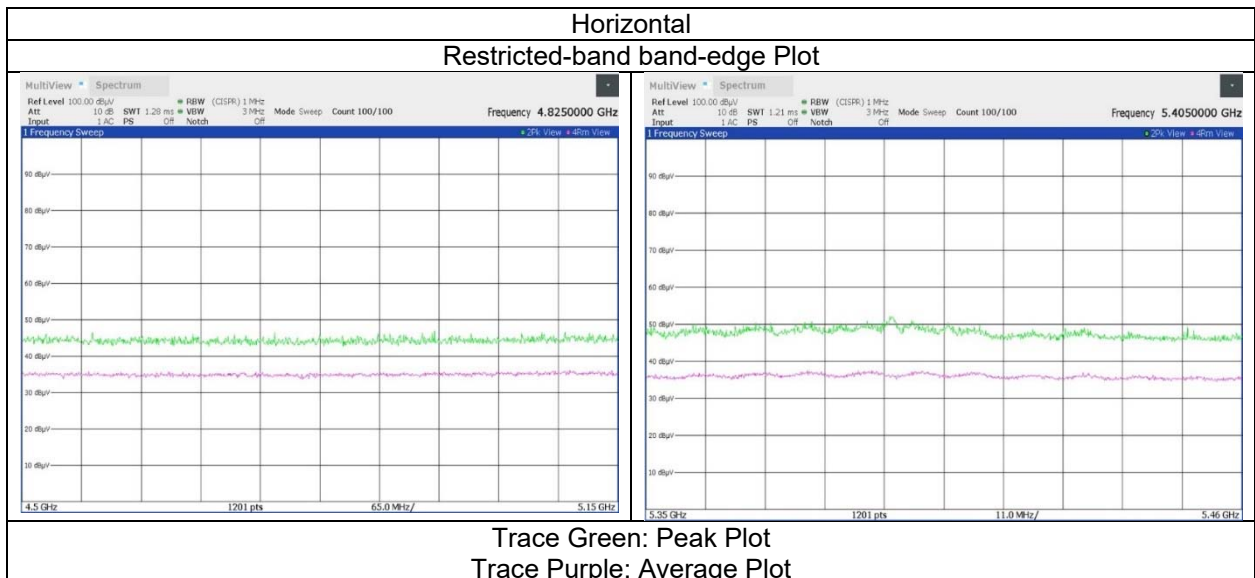
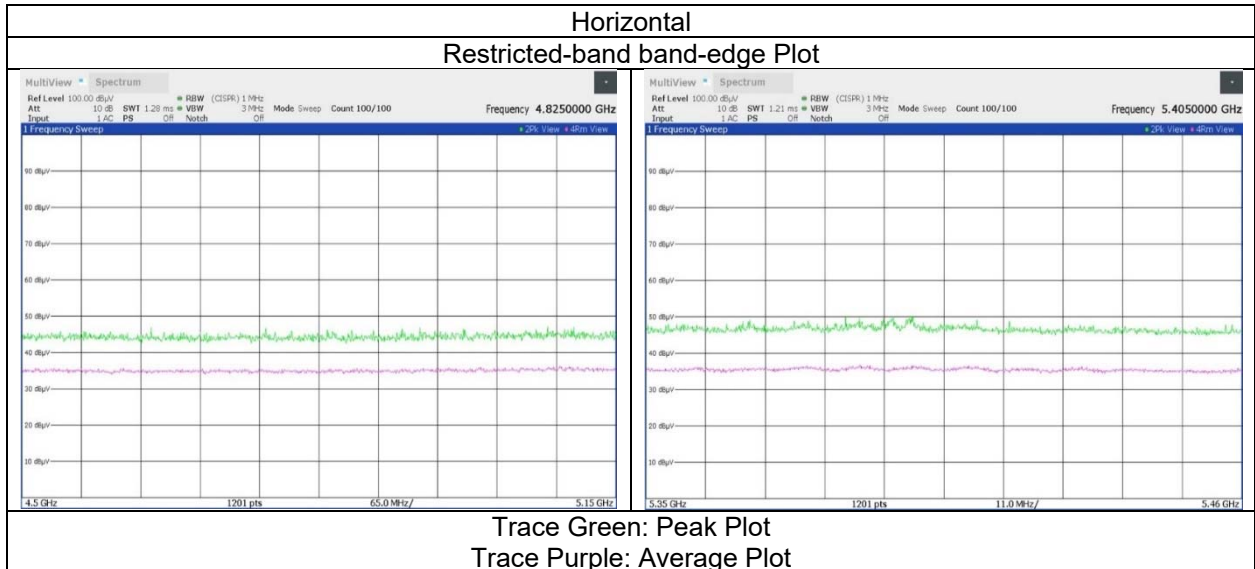
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDM), MIMO 5250 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 18, 2025	WAC2	21 deg. C	31 % RH	Yuta Shiba	1 GHz to 6.4 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDM), MIMO 5570 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 18, 2025	WAC2	21 deg. C	31 % RH	Yuta Shiba	1 GHz to 6.4 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	37 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	46.93	32.30	-26.98	-	2.22	54.47	73.9	19.4	333	351	-
Hori.	11140.000	PK	47.65	37.14	-32.77	-	-9.54	42.48	73.9	31.4	150	0	Floor Noise
Hori.	22280.000	PK	46.19	40.29	13.19	47.32	-9.54	42.81	73.9	31.0	150	203	-
Hori.	11140.000	AV	36.70	37.14	-32.77	-	-9.54	31.53	53.9	22.3	150	0	Floor Noise
Vert.	5460.000	PK	47.11	32.30	-26.98	-	2.22	54.65	73.9	19.2	272	5	-
Vert.	11140.000	PK	48.10	37.14	-32.77	-	-9.54	42.93	73.9	30.9	150	0	Floor Noise
Vert.	22280.000	PK	46.96	40.29	13.19	47.32	-9.54	43.58	73.9	30.3	153	31	-
Vert.	11140.000	AV	36.68	37.14	-32.77	-	-9.54	31.51	53.9	22.3	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.58	32.30	-26.98	-	0.03	2.22	44.15	53.9	9.7 *1)	-
Hori.	22280.000	AV	39.71	40.29	13.19	47.32	0.03	-9.54	36.36	53.9	17.5	-
Vert.	5460.000	AV	36.37	32.30	-26.98	-	0.03	2.22	43.94	53.9	9.9 *1)	-
Vert.	22280.000	AV	40.34	40.29	13.19	47.32	0.03	-9.54	36.99	53.9	16.9	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.26	32.35	-26.97	-	-	2.22	54.86	-40.37	-27.0	13.3	333	351	-
Hori.	5725.000	PK	47.33	32.98	-26.89	-	-	2.22	55.64	-39.59	-27.0	12.5	333	351	-
Hori.	16710.000	PK	47.83	39.17	-30.61	-	-	-9.54	46.85	-48.38	-27.0	21.3	150	0	Floor Noise
Vert.	5470.000	PK	47.57	32.35	-26.97	-	-	2.22	55.17	-40.06	-27.0	13.0	272	5	-
Vert.	5725.000	PK	49.08	32.98	-26.89	-	-	2.22	57.39	-37.84	-27.0	10.8	272	5	-
Vert.	16710.000	PK	47.52	39.17	-30.61	-	-	-9.54	46.54	-48.69	-27.0	21.6	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \text{LOG}((10^{(Result [dBuV/m]/20)}) * 10^{(-6)} * \text{Distance} : 3 [m])^2 / 30 * 10^{(3)})$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

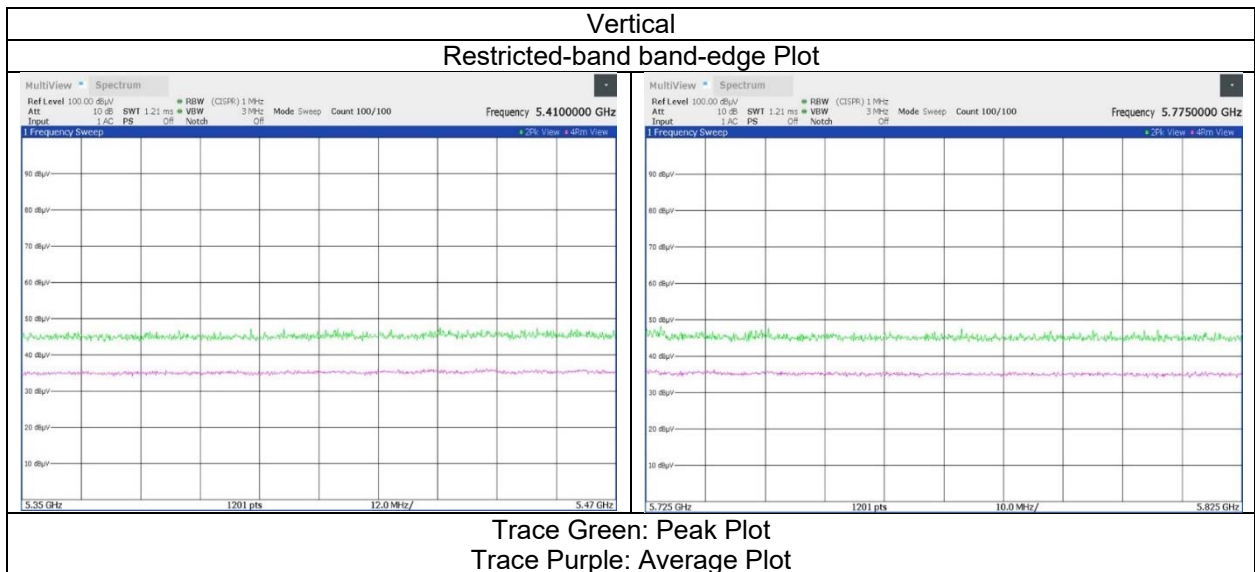
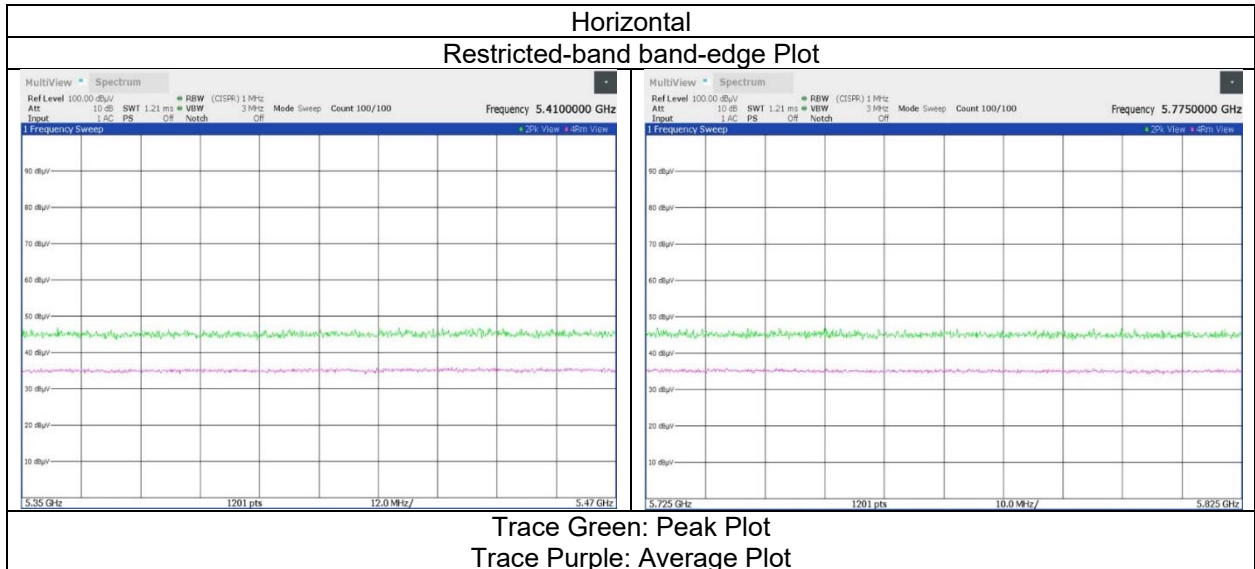
Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDM), MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 18, 2025	WAC2	21 deg. C	31 % RH	Yuta Shiba	1 GHz to 6.4 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 26-tone RU, Segment 0, RU Index 0, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	47.84	32.12	-27.36	-	2.22	54.82	73.9	19.0	379	5	-
Vert.	5150.000	PK	47.94	32.12	-27.36	-	2.22	54.92	73.9	18.9	216	356	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	36.74	32.12	-27.36	-	0.23	2.22	43.95	53.9	9.9	*1)
Vert.	5150.000	AV	36.54	32.12	-27.36	-	0.23	2.22	43.75	53.9	10.1	*1)

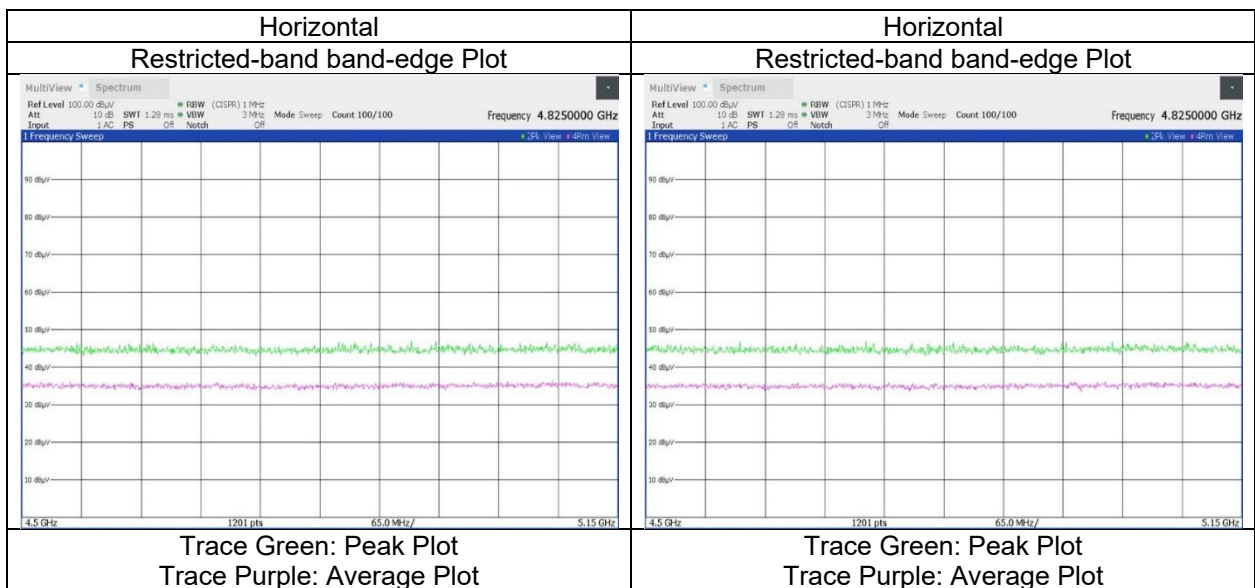
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 26-tone RU, Segment 1, RU Index 36, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	47.93	31.88	-27.12	-	2.22	54.91	73.9	18.9	368	350	-
Vert.	5350.000	PK	48.10	31.88	-27.12	-	2.22	55.08	73.9	18.8	309	1	-
Vert.	5398.772	PK	50.05	32.03	-27.06	-	2.22	57.24	73.9	16.6	309	1	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5350.000	AV	36.45	31.88	-27.12	-	0.23	2.22	43.66	53.9	10.2	*1)
Vert.	5350.000	AV	36.31	31.88	-27.12	-	0.23	2.22	43.52	53.9	10.3	*1)
Vert.	5398.772	AV	36.21	32.03	-27.06	-	0.23	2.22	43.63	53.9	10.2	*2)

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 26-tone RU, Segment 0, RU Index 0, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	47.82	32.30	-26.98	-	2.22	55.36	73.9	18.5	367	1	-
Vert.	5460.000	PK	47.81	32.30	-26.98	-	2.22	55.35	73.9	18.5	345	351	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54[\text{dB}]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.44	32.30	-26.98	-	0.23	2.22	44.21	53.9	9.6	*1)
Vert.	5460.000	AV	36.54	32.30	-26.98	-	0.23	2.22	44.31	53.9	9.5	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54[\text{dB}]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.79	32.35	-26.97	-	-	2.22	55.39	-39.84	-27.0	12.8	367	1	-
Vert.	5470.000	PK	47.90	32.35	-26.97	-	-	2.22	55.50	-39.73	-27.0	12.7	345	351	-

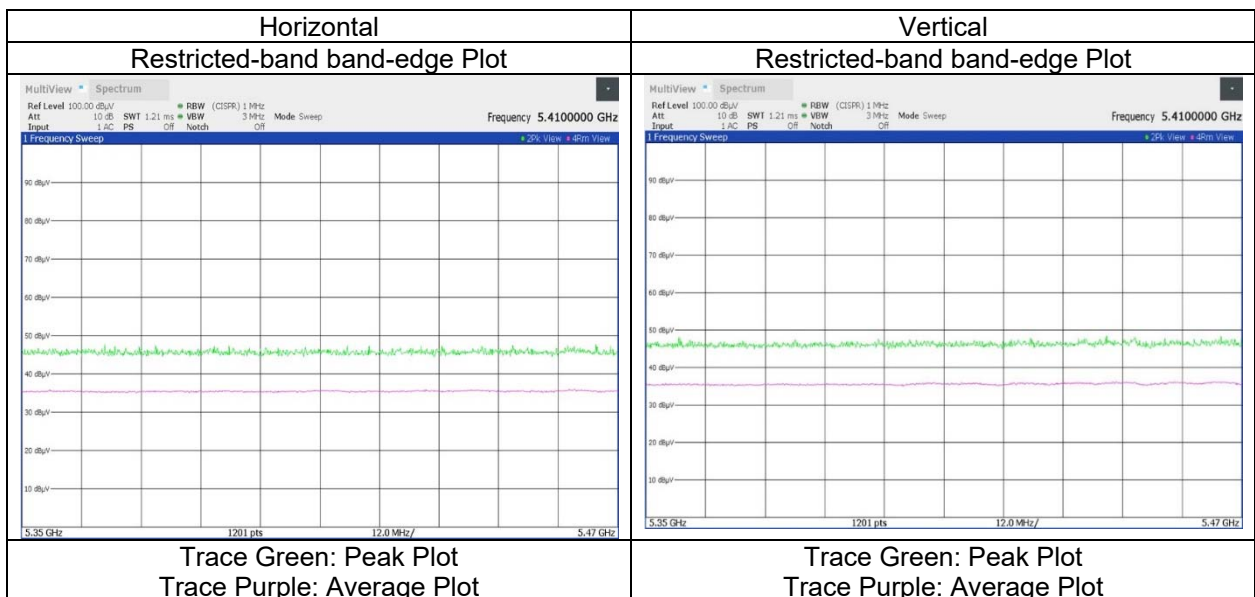
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \text{LOG}((10^{\wedge}(\text{Result}[\text{dBuV/m}] / 20)) * 10^{\wedge}(-6)) * \text{Distance} : 3[m])^{\wedge}2 / 30 * 10^{\wedge}3$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54[\text{dB}]$



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 26-tone RU, Segment 1, RU Index 36, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5725.000	PK	47.81	32.98	-26.89	-	-	2.22	56.12	-39.11	-27.0	12.1	389	348	-
Vert.	5725.000	PK	47.94	32.98	-26.89	-	-	2.22	56.25	-38.98	-27.0	11.9	259	20	-

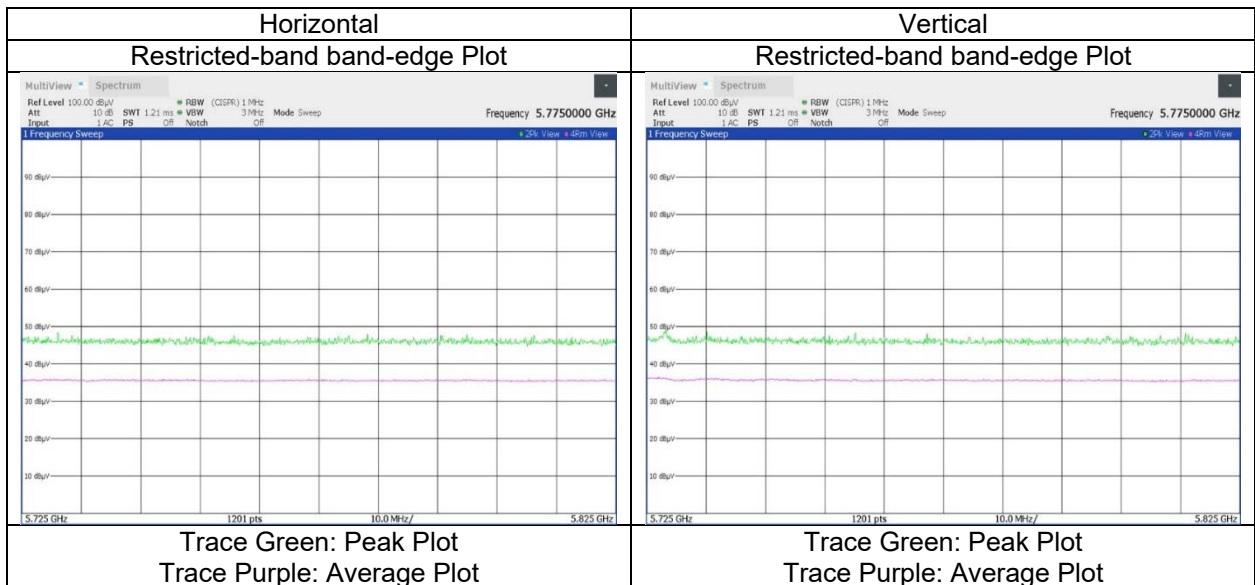
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 \cdot \log \left((10^{\frac{1}{10}} \cdot (\text{Result [dBuV/m]} / 20))^2 \cdot 10^{-6} \cdot \text{Distance} : 3 [\text{m}]^2 / 30 \cdot 10^{-3} \right)$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20 \log (3.87 [\text{m}] / 3.0 [\text{m}]) = 2.22 [\text{dB}]$

10 GHz to 40 GHz : $20 \log (1.00 [\text{m}] / 3.0 [\text{m}]) = -9.54 [\text{dB}]$



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 52-tone RU, Segment 0, RU Index 37, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	48.00	32.12	-27.36	-	2.22	54.98	73.9	18.9	379	4	-
Vert.	5150.000	PK	47.70	32.12	-27.36	-	2.22	54.68	73.9	19.2	210	353	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	36.61	32.12	-27.36	-	0.23	2.22	43.82	53.9	10.0	*1)
Vert.	5150.000	AV	36.64	32.12	-27.36	-	0.23	2.22	43.85	53.9	10.0	*1)

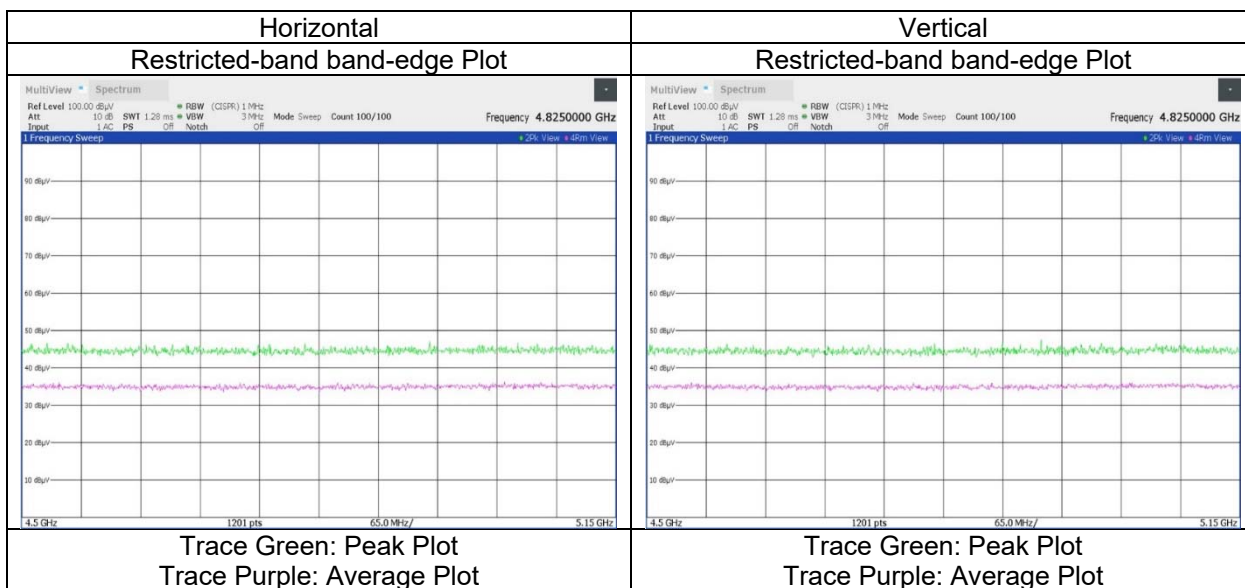
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 52-tone RU, Segment 1, RU Index 52, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	47.52	31.88	-27.12	-	2.22	54.50	73.9	19.4	363	351	-
Vert.	5350.000	PK	47.70	31.88	-27.12	-	2.22	54.68	73.9	19.2	216	342	-
Vert.	5398.680	PK	49.65	32.03	-27.06	-	2.22	56.84	73.9	17.0	216	342	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5350.000	AV	36.31	31.88	-27.12	-	0.23	2.22	43.52	53.9	10.3	*1)
Vert.	5350.000	AV	36.33	31.88	-27.12	-	0.23	2.22	43.54	53.9	10.3	*1)
Vert.	5398.680	AV	36.33	32.03	-27.06	-	0.23	2.22	43.75	53.9	10.1	*2)

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 52-tone RU, Segment 0, RU Index 37, MIMO 5570 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	47.65	32.30	-26.98	-	2.22	55.19	73.9	18.7	358	359	-
Vert.	5460.000	PK	47.64	32.30	-26.98	-	2.22	55.18	73.9	18.7	340	8	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.52	32.30	-26.98	-	0.23	2.22	44.29	53.9	9.6 *1)	
Vert.	5460.000	AV	36.39	32.30	-26.98	-	0.23	2.22	44.16	53.9	9.7 *1)	

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.47	32.35	-26.97	-	-	2.22	55.07	-40.16	-27.0	13.1	358	359	-
Vert.	5470.000	PK	47.58	32.35	-26.97	-	-	2.22	55.18	-40.05	-27.0	13.0	340	8	-

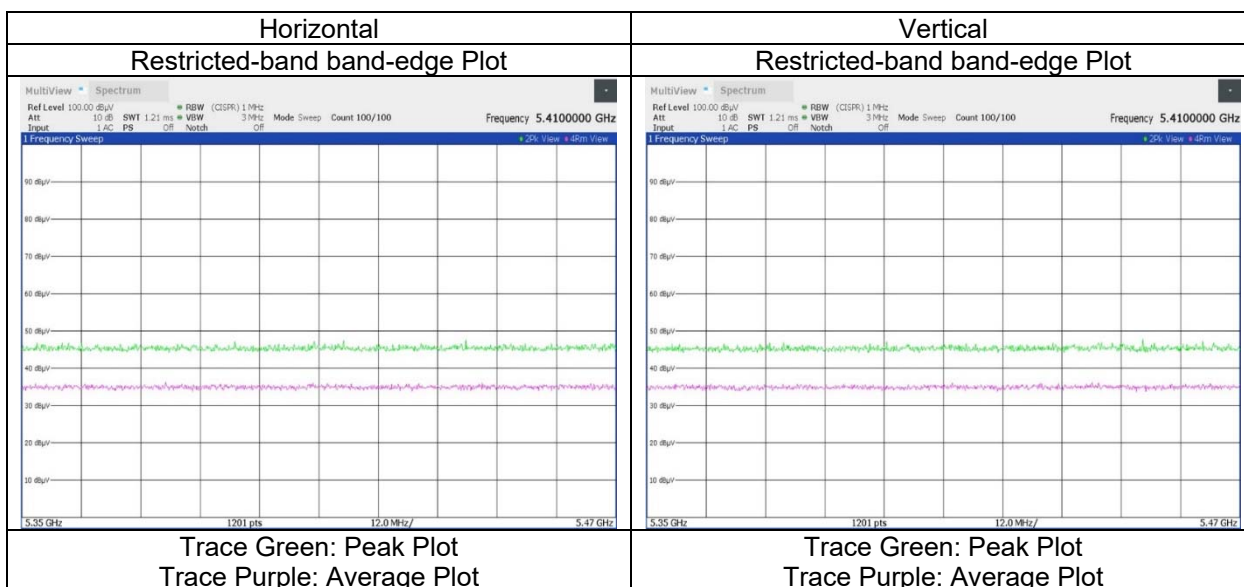
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 \cdot \log((10^{\frac{1}{10}} \cdot (\text{Result [dBuV/m]} / 20))^2 \cdot 10^{-6} \cdot \text{Distance} [3[m]]^2 / 30 \cdot 10^{-3})$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 52-tone RU, Segment 1, RU Index 52, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark	
Hori.	5725.000	PK	47.65	32.98	-26.89	-	-	2.22	55.96	-39.27	-27.0	12.2	398	351	-	-
Vert.	5725.000	PK	48.19	32.98	-26.89	-	-	2.22	56.50	-38.73	-27.0	11.7	309	2	-	-
Vert.	5728.455	PK	49.55	32.97	-26.89	-	-	2.22	57.85	-37.38	-27.0	10.3	309	2	-	-

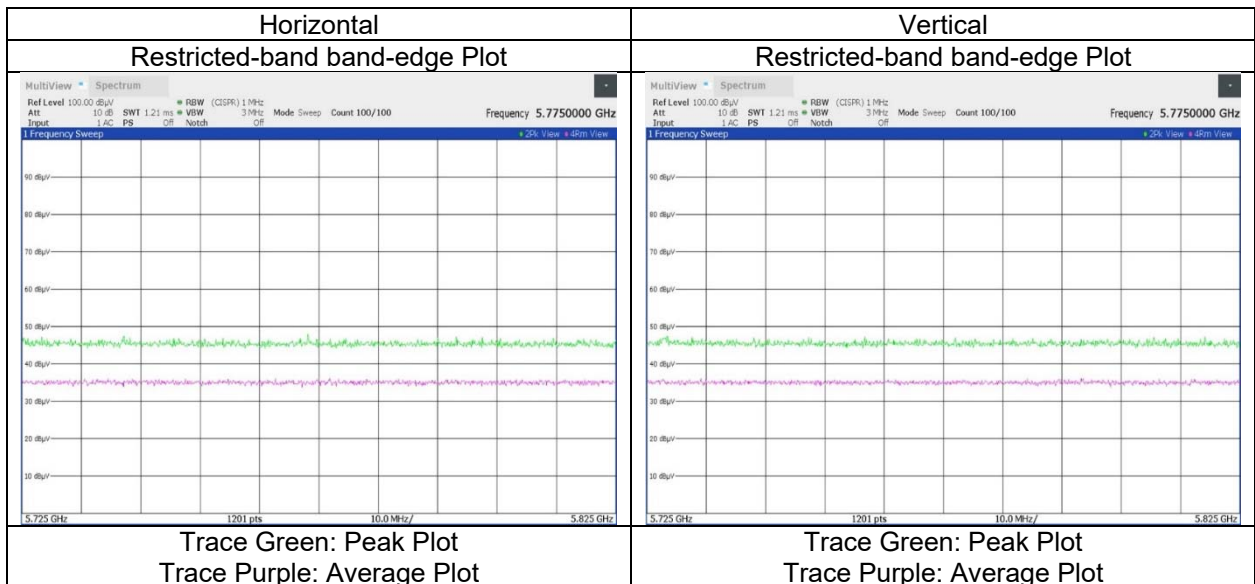
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 106-tone RU, Segment 0, RU Index 53, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 27, 2025	WAC2	19 deg. C	28 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5124.788	PK	52.82	32.17	-27.40	-	2.22	59.81	73.9	14.0	337	351	-
Hori.	5150.000	PK	48.14	32.12	-27.36	-	2.22	55.12	73.9	18.7	337	351	-
Vert.	5124.842	PK	52.48	32.17	-27.40	-	2.22	59.47	73.9	14.4	290	0	-
Vert.	5150.000	PK	48.94	32.12	-27.36	-	2.22	55.92	73.9	17.9	290	0	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5124.788	AV	38.25	32.17	-27.40	-	0.23	2.22	45.47	53.9	8.4 *2)	
Hori.	5150.000	AV	36.67	32.12	-27.36	-	0.23	2.22	43.88	53.9	10.0 *1)	
Vert.	5124.842	AV	37.91	32.17	-27.40	-	0.23	2.22	45.13	53.9	8.7 *2)	
Vert.	5150.000	AV	36.80	32.12	-27.36	-	0.23	2.22	44.01	53.9	9.8 *1)	

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

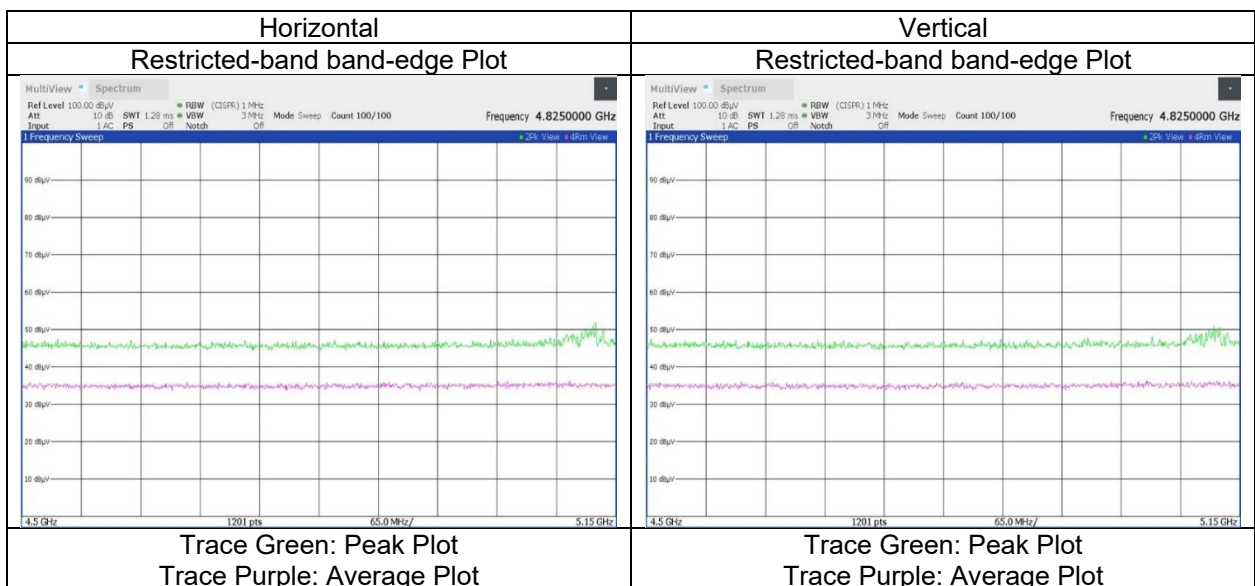
Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 106-tone RU, Segment 1, RU Index 60, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	48.47	31.88	-27.12	-	2.22	55.45	73.9	18.4	366	350	-
Hori.	5392.602	PK	55.51	32.01	-27.07	-	2.22	62.67	73.9	11.2	366	350	-
Hori.	5407.565	PK	55.64	32.07	-27.05	-	2.22	62.88	73.9	11.0	366	350	-
Vert.	5350.000	PK	50.28	31.88	-27.12	-	2.22	57.26	73.9	16.6	309	1	-
Vert.	5392.538	PK	56.73	32.01	-27.07	-	2.22	63.89	73.9	10.0	309	1	-
Vert.	5407.748	PK	57.12	32.07	-27.05	-	2.22	64.36	73.9	9.5	309	1	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5350.000	AV	35.88	31.88	-27.12	-	0.23	2.22	43.09	53.9	10.8	*1)
Hori.	5392.602	AV	37.58	32.01	-27.07	-	0.23	2.22	44.97	53.9	8.9	*2)
Hori.	5407.565	AV	37.38	32.07	-27.05	-	0.23	2.22	44.85	53.9	9.0	*2)
Vert.	5350.000	AV	35.81	31.88	-27.12	-	0.23	2.22	43.02	53.9	10.8	*1)
Vert.	5392.538	AV	38.64	32.01	-27.07	-	0.23	2.22	46.03	53.9	7.8	*2)
Vert.	5407.748	AV	38.33	32.07	-27.05	-	0.23	2.22	45.80	53.9	8.0	*2)

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

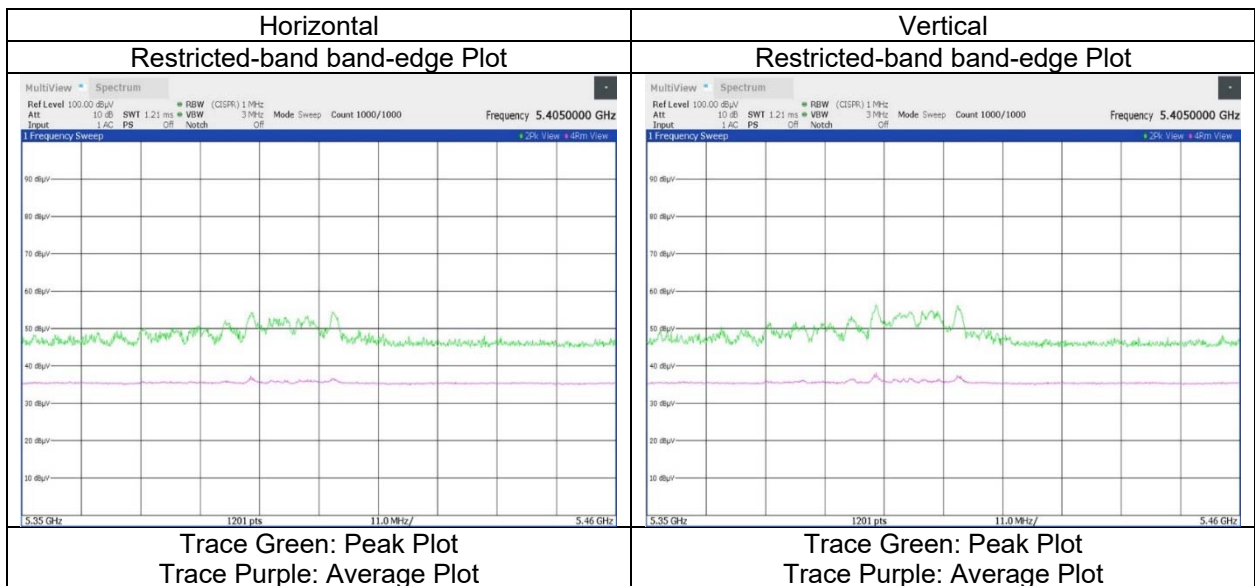
Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 106-tone RU, Segment 0, RU Index 53, MIMO 5570 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	47.92	32.30	-26.98	-	2.22	55.46	73.9	18.4	339	352	-
Vert.	5447.845	PK	49.63	32.24	-26.99	-	2.22	57.10	73.9	16.8	309	1	-
Vert.	5460.000	PK	47.96	32.30	-26.98	-	2.22	55.50	73.9	18.4	344	2	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.77	32.30	-26.98	-	0.23	2.22	44.54	53.9	9.3 *1)	
Vert.	5447.845	AV	36.70	32.24	-26.99	-	0.23	2.22	44.40	53.9	9.5 *2)	
Vert.	5460.000	AV	36.69	32.30	-26.98	-	0.23	2.22	44.46	53.9	9.4 *1)	

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.60	32.35	-26.97	-	-	2.22	55.20	-40.03	-27.0	13.0	339	352	-
Vert.	5470.000	PK	47.64	32.35	-26.97	-	-	2.22	55.24	-39.99	-27.0	12.9	344	2	-

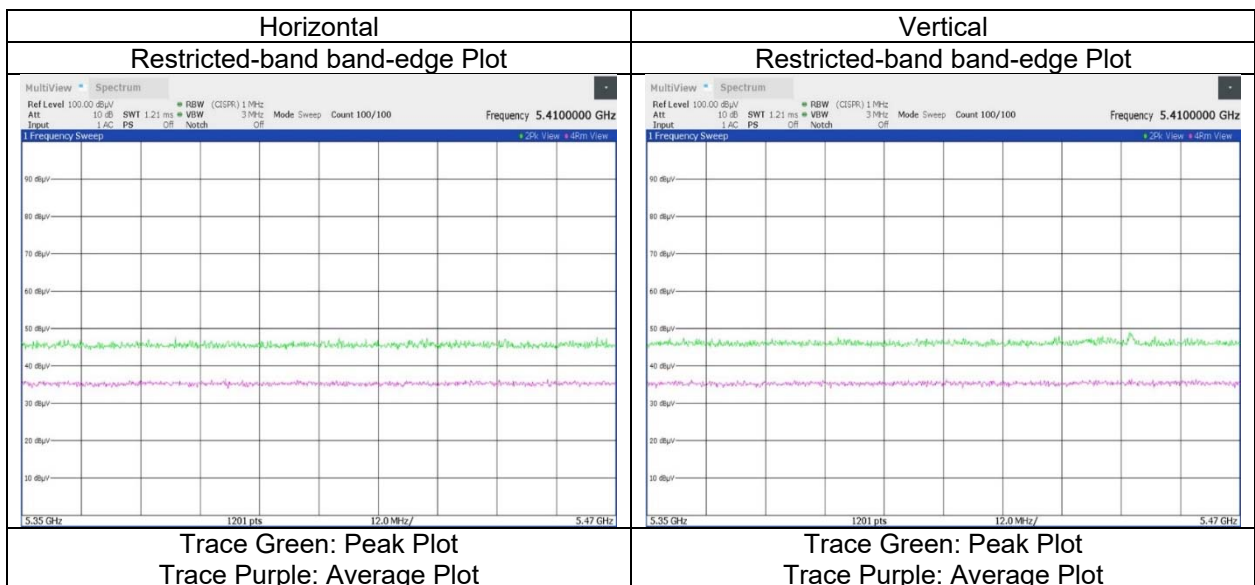
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \text{LOG}((10 \wedge (\text{Result [dBuV/m]} / 20)) * 10 \wedge (-6) * \text{Distance : 3 [m]} \wedge 2 / 30 * 10 \wedge 3)$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 106-tone RU, Segment 1, RU Index 60, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark	
Hori.	5725.000	PK	48.18	32.98	-26.89	-	-	2.22	56.49	-38.74	-27.0	11.7	399	352	-	
Vert.	5725.000	PK	48.02	32.98	-26.89	-	-	2.22	56.33	-38.90	-27.0	11.9	372	1	-	
Vert.	5727.823	PK	50.33	32.97	-26.89	-	-	2.22	58.63	-36.60	-27.0	9.6	372	1	-	

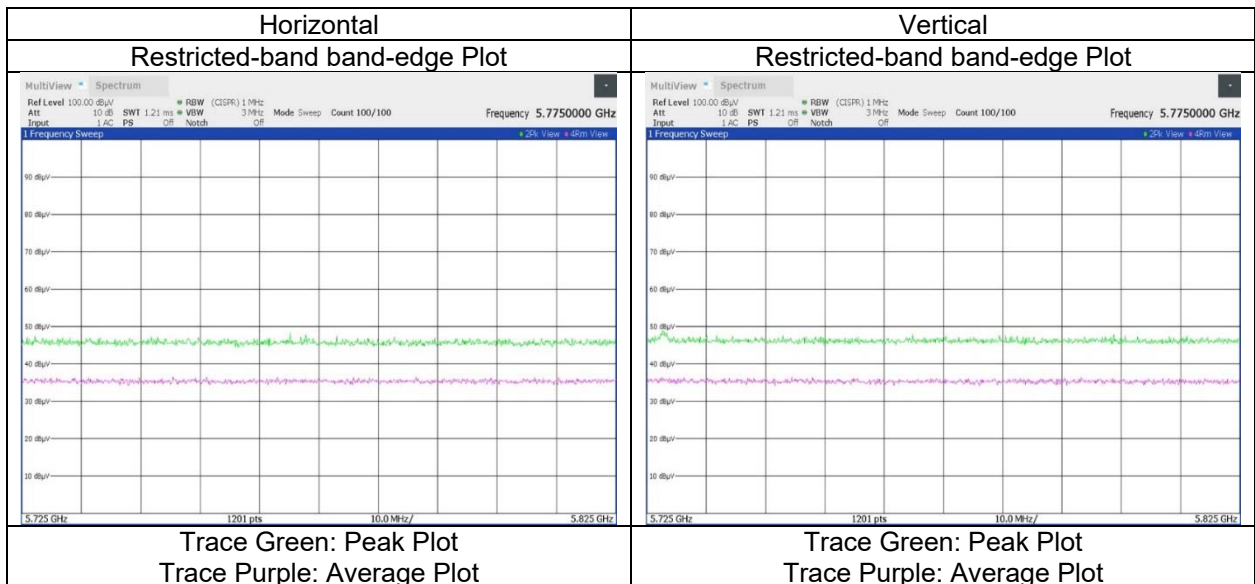
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 242-tone RU, Segment 0, RU Index 61, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5125.181	PK	52.38	32.17	-27.39	-	2.22	59.38	73.9	14.5	396	350	-
Hori.	5150.000	PK	48.50	32.12	-27.36	-	2.22	55.48	73.9	18.4	396	350	-
Vert.	5125.656	PK	51.47	32.17	-27.39	-	2.22	58.47	73.9	15.4	224	0	-
Vert.	5150.000	PK	49.00	32.12	-27.36	-	2.22	55.98	73.9	17.9	224	0	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5125.181	AV	37.61	32.17	-27.39	-	0.23	2.22	44.84	53.9	9.0 *2)	
Hori.	5150.000	AV	37.14	32.12	-27.36	-	0.23	2.22	44.35	53.9	9.5 *1)	
Vert.	5125.656	AV	37.41	32.17	-27.39	-	0.23	2.22	44.64	53.9	9.2 *2)	
Vert.	5150.000	AV	36.76	32.12	-27.36	-	0.23	2.22	43.97	53.9	9.9 *1)	

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 242-tone RU, Segment 1, RU Index 64, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	47.89	31.88	-27.12	-	2.22	54.87	73.9	19.0	372	350	-
Hori.	5392.324	PK	53.52	32.01	-27.07	-	2.22	60.68	73.9	13.2	372	350	-
Hori.	5398.831	PK	53.18	32.03	-27.06	-	2.22	60.37	73.9	13.5	372	350	-
Vert.	5350.000	PK	48.91	31.88	-27.12	-	2.22	55.89	73.9	18.0	249	348	-
Vert.	5396.269	PK	54.17	32.02	-27.06	-	2.22	61.35	73.9	12.5	249	348	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5350.000	AV	35.70	31.88	-27.12	-	0.23	2.22	42.91	53.9	10.9	*1)
Hori.	5392.324	AV	36.57	32.01	-27.07	-	0.23	2.22	43.96	53.9	9.9	*2)
Hori.	5398.831	AV	36.12	32.03	-27.06	-	0.23	2.22	43.54	53.9	10.3	*2)
Vert.	5350.000	AV	35.64	31.88	-27.12	-	0.23	2.22	42.85	53.9	11.0	*1)
Vert.	5396.269	AV	37.02	32.02	-27.06	-	0.23	2.22	44.43	53.9	9.4	*2)

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 242-tone RU, Segment 0, RU Index 61, MIMO 5570 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	47.74	32.30	-26.98	-	2.22	55.28	73.9	18.6	389	348	-
Vert.	5460.000	PK	48.00	32.30	-26.98	-	2.22	55.54	73.9	18.3	360	6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.53	32.30	-26.98	-	0.23	2.22	44.30	53.9	9.6	*1)
Vert.	5460.000	AV	36.55	32.30	-26.98	-	0.23	2.22	44.32	53.9	9.5	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.47	32.35	-26.97	-	-	2.22	55.07	-40.16	-27.0	13.1	389	348	-
Vert.	5470.000	PK	47.95	32.35	-26.97	-	-	2.22	55.55	-39.68	-27.0	12.6	360	6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 \cdot \log((10 \cdot (\text{Result [dBuV/m]} / 20) \cdot 10^{-6}) \cdot \text{Distance} [3[m]]^2 / 30 \cdot 10^{-3})$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 242-tone RU, Segment 1, RU Index 64, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5725.000	PK	48.05	32.98	-26.89	-	-	2.22	56.36	-38.87	-27.0	11.8	393	359	-
Vert.	5725.000	PK	48.38	32.98	-26.89	-	-	2.22	56.69	-38.54	-27.0	11.5	358	359	-

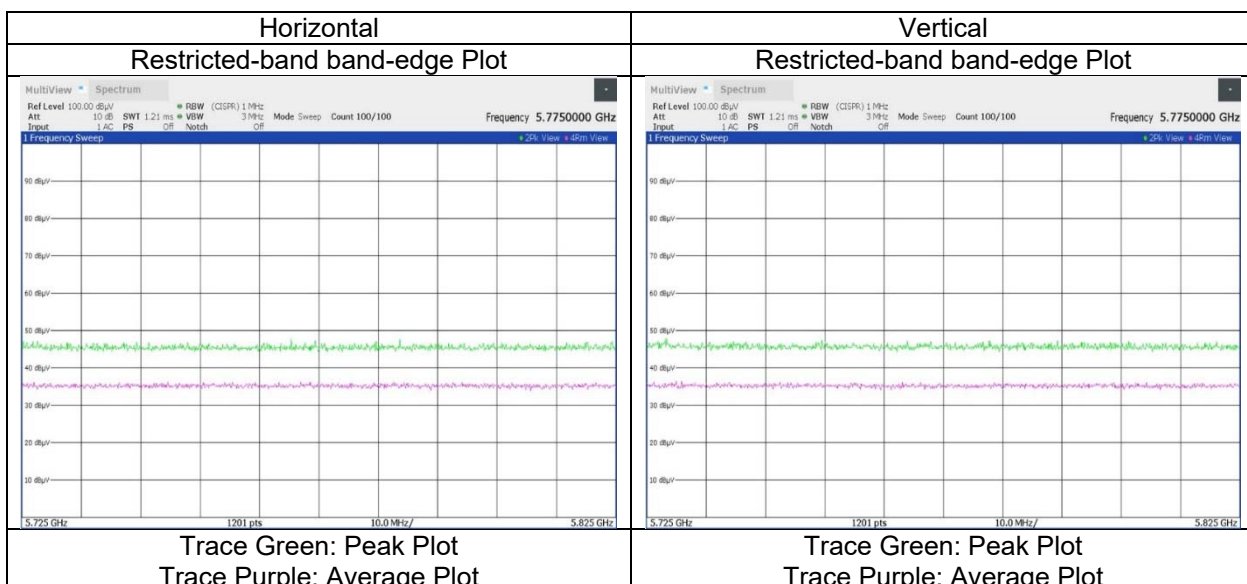
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 484-tone RU, Segment 0, RU Index 65, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5116.677	PK	52.17	32.19	-27.40	-	2.22	59.18	73.9	14.7	373	5	-
Hori.	5150.000	PK	49.18	32.12	-27.36	-	2.22	56.16	73.9	17.7	373	5	-
Vert.	5116.676	PK	52.00	32.19	-27.40	-	2.22	59.01	73.9	14.8	244	355	-
Vert.	5150.000	PK	49.46	32.12	-27.36	-	2.22	56.44	73.9	17.4	244	355	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5116.677	AV	37.39	32.19	-27.40	-	0.23	2.22	44.63	53.9	9.2	*2)
Hori.	5150.000	AV	37.64	32.12	-27.36	-	0.23	2.22	44.85	53.9	9.0	*1)
Vert.	5116.676	AV	37.33	32.19	-27.40	-	0.23	2.22	44.57	53.9	9.3	*2)
Vert.	5150.000	AV	37.83	32.12	-27.36	-	0.23	2.22	45.04	53.9	8.8	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 484-tone RU, Segment 1, RU Index 66, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	50.31	31.88	-27.12	-	2.22	57.29	73.9	16.6	376	350	-
Hori.	5352.610	PK	50.20	31.89	-27.12	-	2.22	57.19	73.9	16.7	376	350	-
Hori.	5392.314	PK	54.54	32.01	-27.07	-	2.22	61.70	73.9	12.2	376	350	-
Hori.	5398.854	PK	54.24	32.03	-27.06	-	2.22	61.43	73.9	12.4	376	350	-
Vert.	5350.000	PK	51.32	31.88	-27.12	-	2.22	58.30	73.9	15.6	343	347	-
Vert.	5396.357	PK	55.92	32.02	-27.06	-	2.22	63.10	73.9	10.8	343	347	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5350.000	AV	36.82	31.88	-27.12	-	0.23	2.22	44.03	53.9	9.8	*1)
Hori.	5352.610	AV	37.07	31.89	-27.12	-	0.23	2.22	44.29	53.9	9.6	*2)
Hori.	5392.314	AV	36.92	32.01	-27.07	-	0.23	2.22	44.31	53.9	9.5	*2)
Hori.	5398.854	AV	36.60	32.03	-27.06	-	0.23	2.22	44.02	53.9	9.8	*2)
Vert.	5350.000	AV	38.14	31.88	-27.12	-	0.23	2.22	45.35	53.9	8.5	*1)
Vert.	5396.357	AV	37.12	32.02	-27.06	-	0.23	2.22	44.53	53.9	9.3	*2)

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

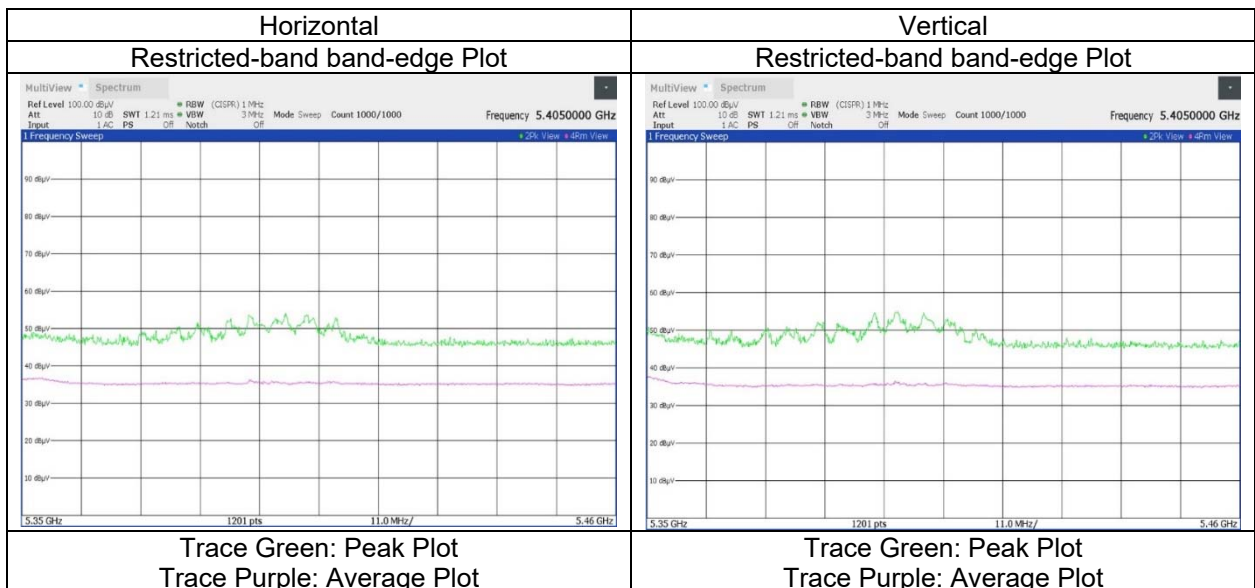
Distance Fac.: 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 484-tone RU, Segment 0, RU Index 65, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	47.95	32.30	-26.98	-	2.22	55.49	73.9	18.4	375	7	-
Vert.	5460.000	PK	47.85	32.30	-26.98	-	2.22	55.39	73.9	18.5	276	349	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.55	32.30	-26.98	-	0.23	2.22	44.32	53.9	9.5	*1)
Vert.	5460.000	AV	36.70	32.30	-26.98	-	0.23	2.22	44.47	53.9	9.4	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.80	32.35	-26.97	-	-	2.22	55.40	-39.83	-27.0	12.8	375	7	-
Vert.	5470.000	PK	48.25	32.35	-26.97	-	-	2.22	55.85	-39.38	-27.0	12.3	276	349	-

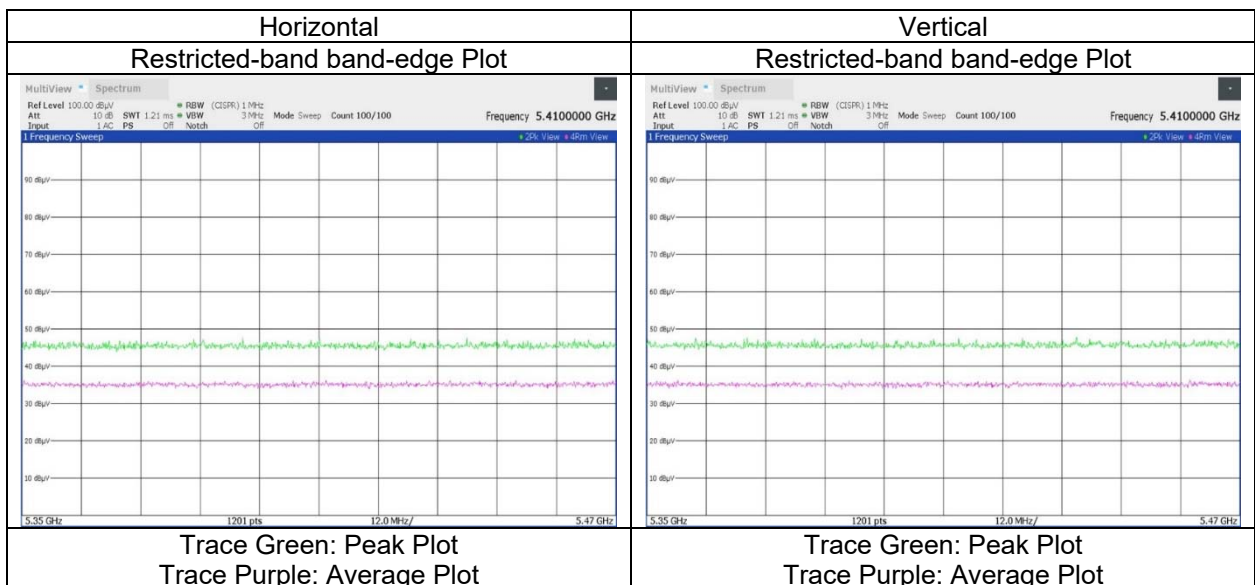
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 \cdot \log((10 \cdot (\text{Result [dBuV/m]} / 20))^2 \cdot 10^{-6} \cdot \text{Distance} [m]^2 / 30 \cdot 10^3)$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 484-tone RU, Segment 1, RU Index 66, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5725.000	PK	48.02	32.98	-26.89	-	-	2.22	56.33	-38.90	-27.0	11.9	394	356	-
Vert.	5725.000	PK	48.43	32.98	-26.89	-	-	2.22	56.74	-38.49	-27.0	11.4	292	5	-

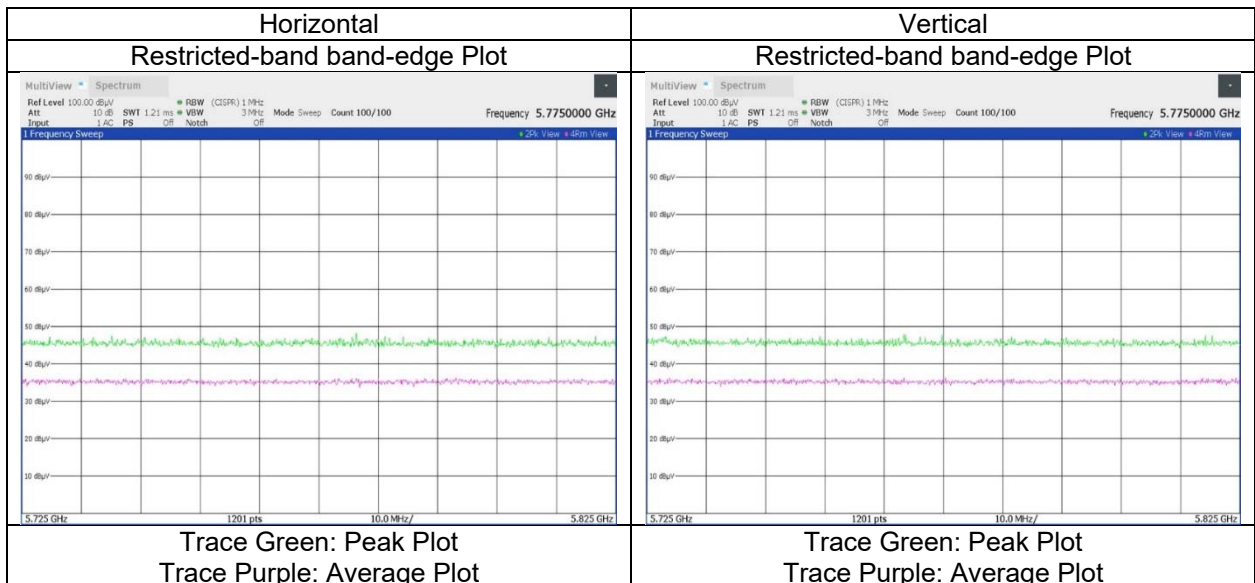
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 996-tone RU, Segment 0, RU Index 67, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	48.95	32.12	-27.36	-	2.22	55.93	73.9	17.9	386	350	-
Vert.	5150.000	PK	48.46	32.12	-27.36	-	2.22	55.44	73.9	18.4	234	0	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	37.15	32.12	-27.36	-	0.23	2.22	44.36	53.9	9.5	*1)
Vert.	5150.000	AV	37.19	32.12	-27.36	-	0.23	2.22	44.40	53.9	9.5	*1)

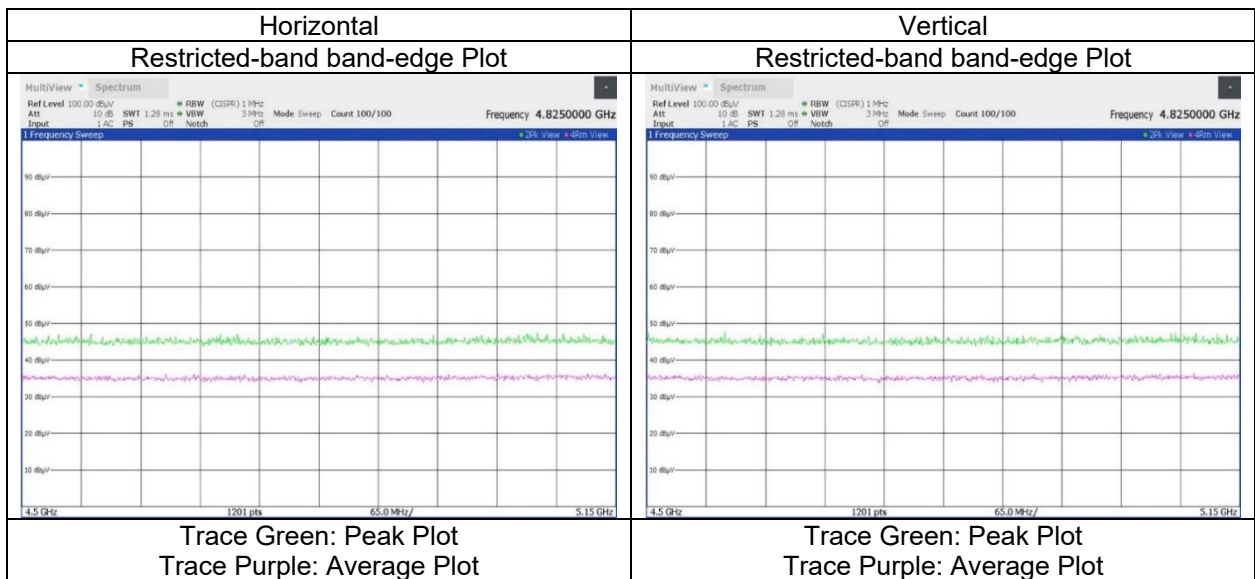
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 996-tone RU, Segment 1, RU Index 67, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	47.94	31.88	-27.12	-	2.22	54.92	73.9	18.9	388	3	-
Hori.	5396.381	PK	51.79	32.02	-27.06	-	2.22	58.97	73.9	14.9	388	3	-
Vert.	5350.000	PK	47.98	31.88	-27.12	-	2.22	54.96	73.9	18.9	235	345	-
Vert.	5392.223	PK	51.81	32.01	-27.07	-	2.22	58.97	73.9	14.9	235	345	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5350.000	AV	35.88	31.88	-27.12	-	0.23	2.22	43.09	53.9	10.8	*1)
Hori.	5396.381	AV	35.78	32.02	-27.06	-	0.23	2.22	43.19	53.9	10.7	*2)
Vert.	5350.000	AV	35.61	31.88	-27.12	-	0.23	2.22	42.82	53.9	11.0	*1)
Vert.	5392.223	AV	36.06	32.01	-27.07	-	0.23	2.22	43.45	53.9	10.4	*2)

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 996-tone RU, Segment 0, RU Index 67, MIMO 5570 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	48.05	32.30	-26.98	-	2.22	55.59	73.9	18.3	387	348	-
Vert.	5441.470	PK	49.25	32.22	-27.00	-	2.22	56.69	73.9	17.2	342	6	-
Vert.	5460.000	PK	47.65	32.30	-26.98	-	2.22	55.19	73.9	18.7	342	6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.64	32.30	-26.98	-	0.23	2.22	44.41	53.9	9.4 *1)	
Vert.	5441.470	AV	36.81	32.22	-27.00	-	0.23	2.22	44.48	53.9	9.4 *2)	
Vert.	5460.000	AV	36.72	32.30	-26.98	-	0.23	2.22	44.49	53.9	9.4 *1)	

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	48.21	32.35	-26.97	-	-	2.22	55.81	-39.42	-27.0	12.4	387	348	-
Vert.	5465.150	PK	48.78	32.33	-26.97	-	-	2.22	56.36	-38.87	-27.0	11.8	342	6	-
Vert.	5470.000	PK	47.71	32.35	-26.97	-	-	2.22	55.31	-39.92	-27.0	12.9	342	6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 996-tone RU, Segment 1, RU Index 67, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark	
Hori.	5725.000	PK	48.04	32.98	-26.89	-	-	2.22	56.35	-38.88	-27.0	11.8	372	350	-	
Vert.	5725.000	PK	47.96	32.98	-26.89	-	-	2.22	56.27	-38.96	-27.0	11.9	368	3	-	
Vert.	5728.206	PK	51.30	32.97	-26.89	-	-	2.22	59.60	-35.63	-27.0	8.6	368	3	-	

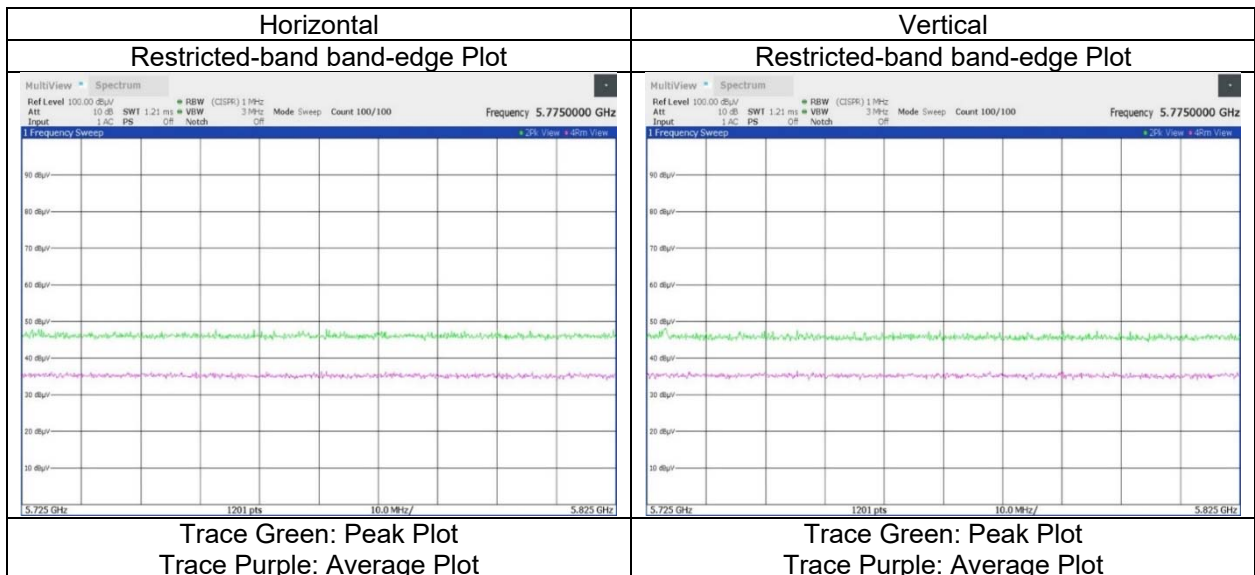
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (Result [dBuV/m] / 20)) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 2x996-tone RU, RU Index 68, MIMO 5250 MHz												
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	48.34	32.12	-27.36	-	2.22	55.32	73.9	18.5	374	349	-
Hori.	5350.000	PK	48.26	31.88	-27.12	-	2.22	55.24	73.9	18.6	374	349	-
Hori.	5398.958	PK	51.61	32.03	-27.06	-	2.22	58.80	73.9	15.1	374	349	-
Vert.	5150.000	PK	47.97	32.12	-27.36	-	2.22	54.95	73.9	18.9	344	347	-
Vert.	5350.000	PK	47.96	31.88	-27.12	-	2.22	54.94	73.9	18.9	344	347	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87\text{ [m]} / 3.0\text{ [m]}) = 2.22\text{ [dB]}$

10 GHz to 40 GHz : $20\log(1.00\text{ [m]} / 3.0\text{ [m]}) = -9.54\text{ [dB]}$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	37.38	32.12	-27.36	-	0.26	2.22	44.62	53.9	9.2 *1)	
Hori.	5350.000	AV	35.92	31.88	-27.12	-	0.26	2.22	43.16	53.9	10.7 *1)	
Hori.	5398.958	AV	36.46	32.03	-27.06	-	0.26	2.22	43.91	53.9	9.9 *2)	
Vert.	5150.000	AV	36.83	32.12	-27.36	-	0.26	2.22	44.07	53.9	9.8 *1)	
Vert.	5350.000	AV	35.62	31.88	-27.12	-	0.26	2.22	42.86	53.9	11.0 *1)	

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87\text{ [m]} / 3.0\text{ [m]}) = 2.22\text{ [dB]}$

10 GHz to 40 GHz : $20\log(1.00\text{ [m]} / 3.0\text{ [m]}) = -9.54\text{ [dB]}$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Vert.	5932.452	PK	51.96	33.12	-26.85	-	-	2.22	60.45	-34.78	-27.0	7.7	344	347	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 \cdot \text{LOG}((10^{\text{Result [dBuV/m]}} / 20) \cdot 10^{-6} \cdot \text{Distance : 3 [m]}^2 / 30 \cdot 10^{-3})$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

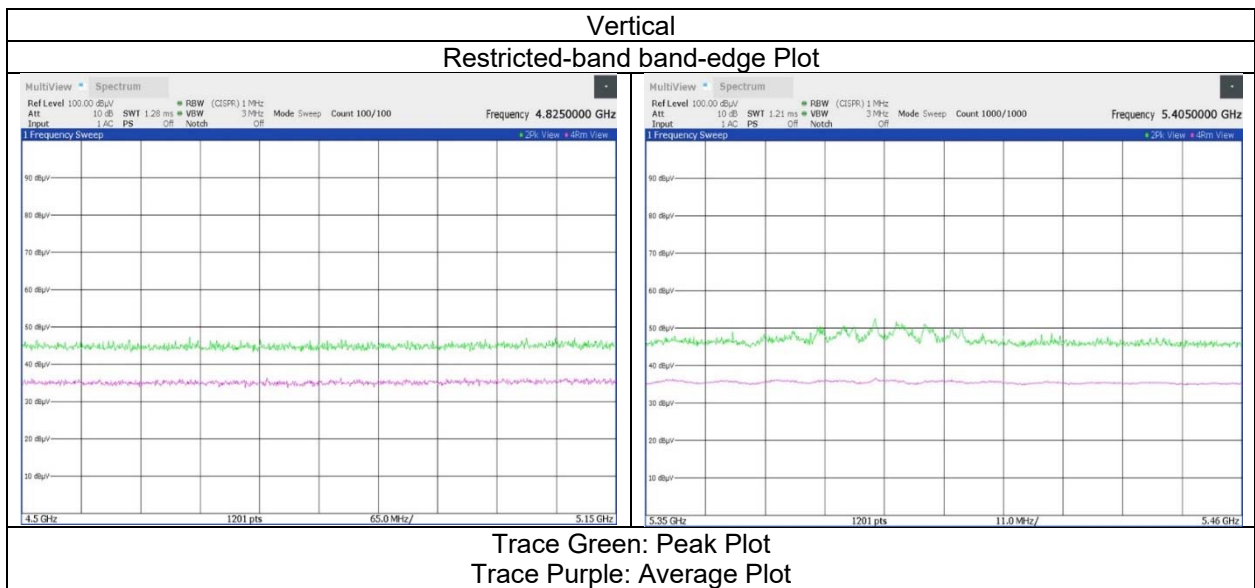
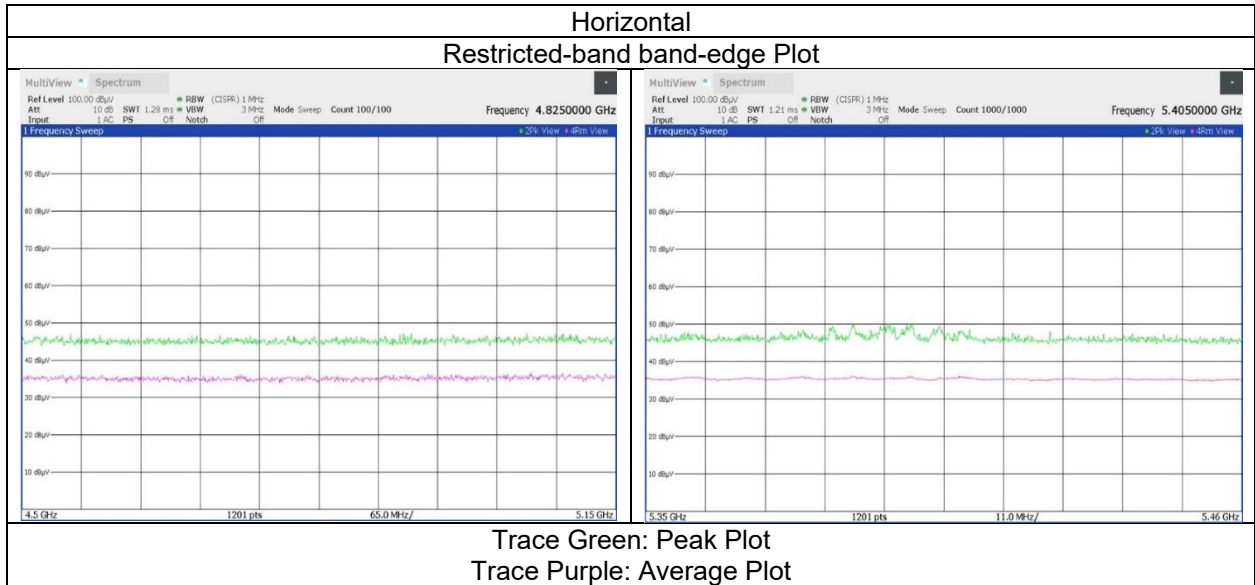
Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87\text{ [m]} / 3.0\text{ [m]}) = 2.22\text{ [dB]}$

10 GHz to 40 GHz : $20\log(1.00\text{ [m]} / 3.0\text{ [m]}) = -9.54\text{ [dB]}$

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 2x996-tone RU, RU Index 68, MIMO 5250 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.
Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 2x996-tone RU, RU Index 68, MIMO 5570 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5460.000	PK	48.18	32.30	-26.98	-	2.22	55.72	73.9	18.1	372	3	-
Vert.	5460.000	PK	48.16	32.30	-26.98	-	2.22	55.70	73.9	18.2	362	3	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.01	32.30	-26.98	-	0.26	2.22	43.81	53.9	10.0	*1)
Vert.	5460.000	AV	36.17	32.30	-26.98	-	0.26	2.22	43.97	53.9	9.9	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.81	32.35	-26.97	-	-	2.22	55.41	-39.82	-27.0	12.8	372	3	-
Hori.	5725.000	PK	47.84	32.98	-26.89	-	-	2.22	56.15	-39.08	-27.0	12.0	372	3	-
Vert.	5470.000	PK	47.72	32.35	-26.97	-	-	2.22	55.32	-39.91	-27.0	12.9	362	3	-
Vert.	5725.000	PK	49.05	32.98	-26.89	-	-	2.22	57.36	-37.87	-27.0	10.8	362	3	-
Vert.	5728.206	PK	50.86	32.97	-26.89	-	-	2.22	59.16	-36.07	-27.0	9.0	362	3	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 \cdot \log((10^{\frac{1}{10} \cdot \text{Result [dBuV/m]}} / 20) \cdot 10^{-6} \cdot \text{Distance : 3 [m]}^2 / 30 \cdot 10^{-3})$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

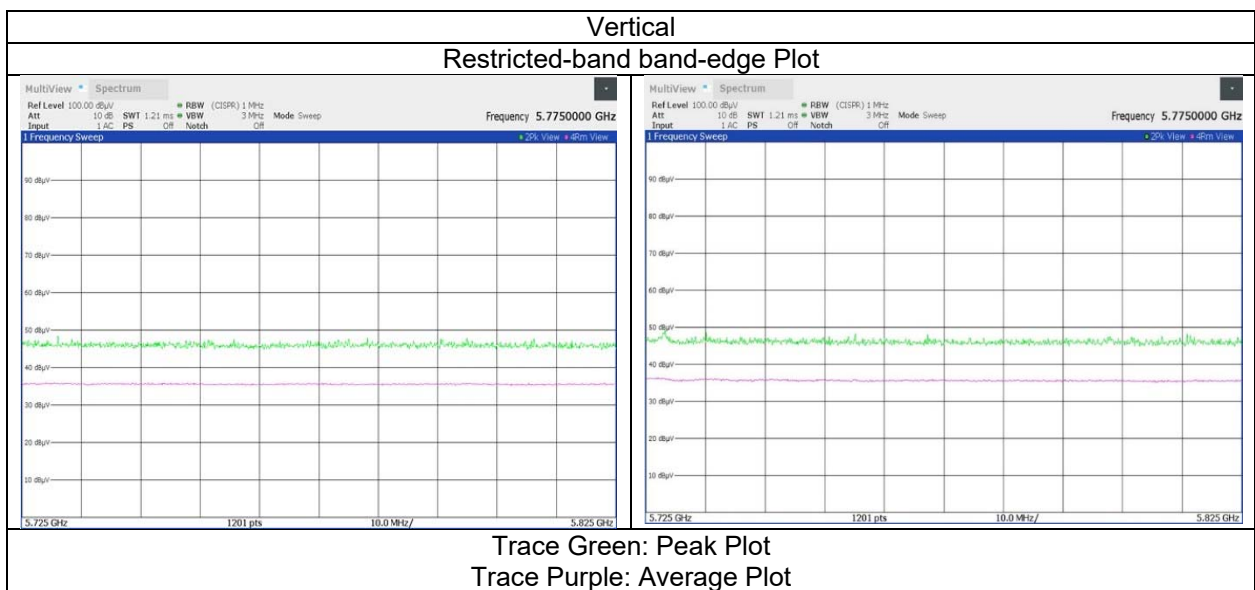
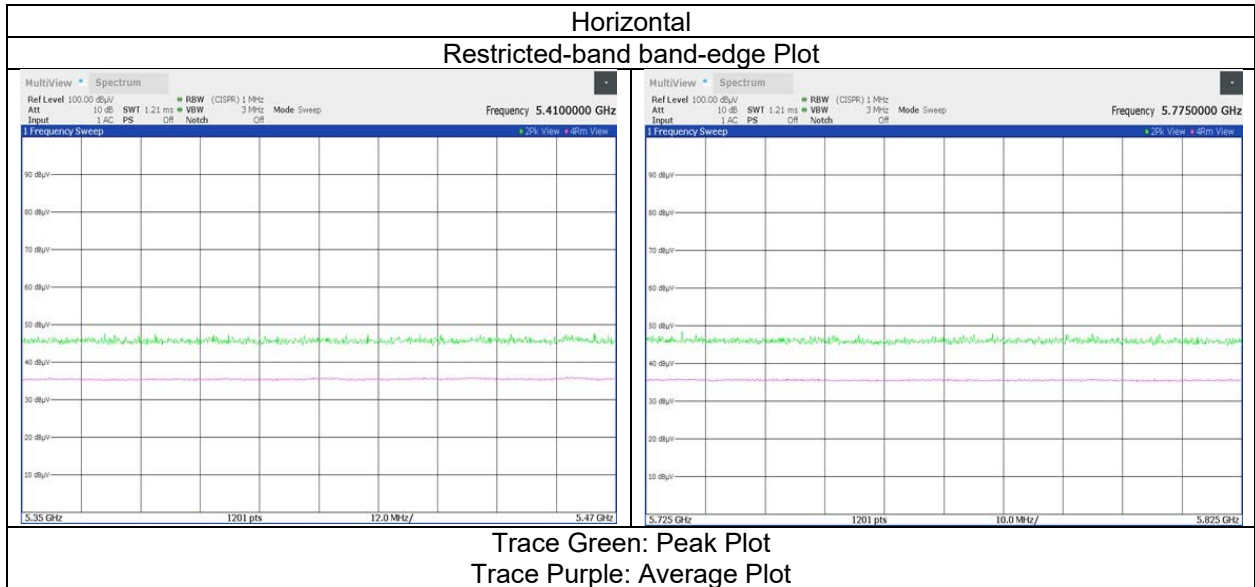
Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

10 GHz to 40 GHz : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

Radiated Spurious Emission

Mode	Tx 11ax-160 (OFDMA), 2x996-tone RU, RU Index 68, MIMO 5570 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 28, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 6.4 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

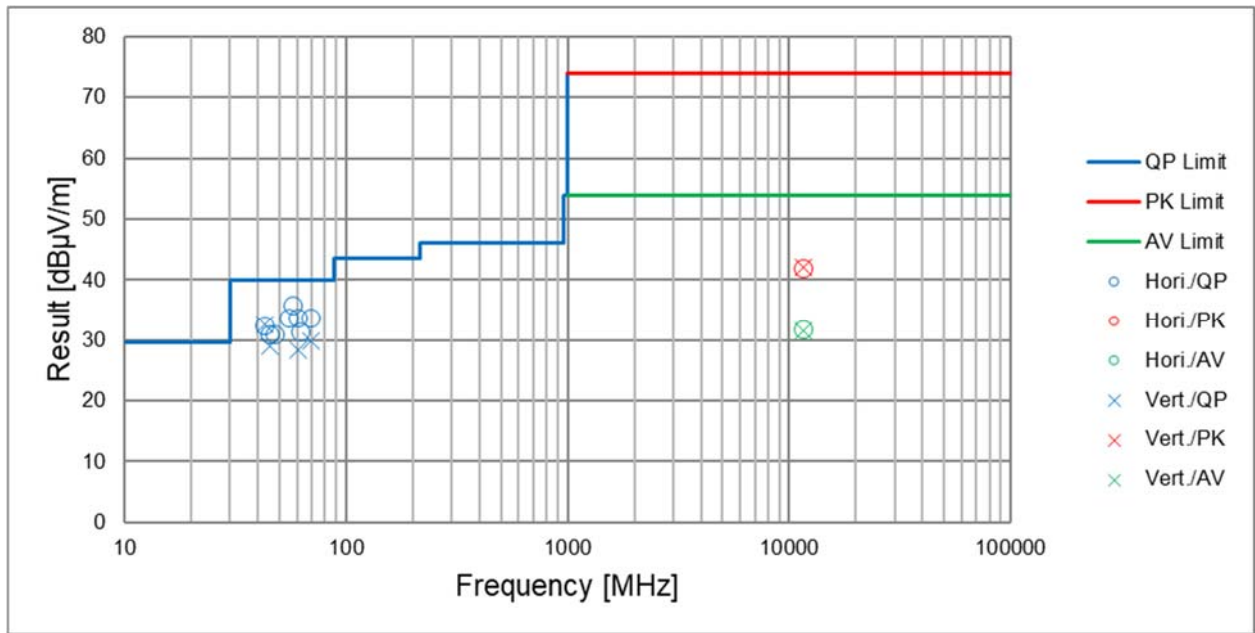
Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

(Plot data, Worst case mode for Maximum Conducted Output Power)

Mode	Tx 11ax-20 (OFDM), MIMO 5825 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
April 14, 2025	AC3	29 deg. C	23 % RH	Yuta Shiba	Below 1 GHz
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz



Radiated Spurious Emission

Mode	Tx 11ac-160, MIMO 5250 MHz with BT 3DH5 Hopping
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
April 15, 2025	SAC3	23 deg. C	33 % RH	Yosuke Murakami	Below 1 GHz
March 12, 2025	WAC2	20 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 10 GHz
March 11, 2025	WAC2	23 deg. C	35 % RH	Miku Ikudome	10 GHz to 18 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	18 GHz to 40 GHz

(below 1 GHz and above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	Fac. [dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	47.518	QP	42.80	12.04	6.75	32.18	0.00	29.41	40.0	10.5	400	305	-
Hori.	57.482	QP	45.40	8.77	6.64	32.17	0.00	28.64	40.0	11.3	380	153	-
Hori.	62.614	QP	49.10	7.61	6.51	32.17	0.00	31.05	40.0	8.9	360	221	-
Hori.	63.529	QP	49.60	7.47	6.50	32.17	0.00	31.40	40.0	8.6	357	216	-
Hori.	67.255	QP	50.60	6.85	6.61	32.17	0.00	31.89	40.0	8.1	275	90	-
Hori.	72.275	QP	46.90	6.35	6.98	32.16	0.00	28.07	40.0	11.9	248	82	-
Hori.	5150.000	PK	47.65	32.12	-27.36	-	2.22	54.63	73.9	19.2	399	353	-
Hori.	5350.000	PK	47.33	31.88	-27.12	-	2.22	54.31	73.9	19.5	399	353	-
Hori.	5382.927	PK	51.98	31.98	-27.08	-	2.22	59.10	73.9	14.8	399	353	-
Hori.	5398.039	PK	52.75	32.02	-27.06	-	2.22	59.93	73.9	13.9	399	353	-
Hori.	15750.000	PK	47.91	39.47	-31.37	-	-9.54	46.47	73.9	27.4	150	0	Floor Noise
Hori.	21000.000	PK	46.75	40.06	12.75	47.08	-9.54	42.94	73.9	30.9	150	196	-
Hori.	15750.000	AV	36.98	39.47	-31.37	-	-9.54	35.54	53.9	18.3	150	0	Floor Noise
Vert.	41.462	QP	38.40	14.25	6.64	32.18	0.00	27.11	40.0	12.8	100	276	-
Vert.	67.316	QP	49.60	6.85	6.61	32.17	0.00	30.89	40.0	9.1	100	82	-
Vert.	68.322	QP	48.60	6.73	6.67	32.17	0.00	29.83	40.0	10.1	100	88	-
Vert.	71.871	QP	47.30	6.38	6.94	32.16	0.00	28.46	40.0	11.5	100	153	-
Vert.	476.553	QP	40.60	16.77	9.68	31.98	0.00	35.07	46.0	10.9	130	308	-
Vert.	5150.000	PK	49.18	32.12	-27.36	-	2.22	56.16	73.9	17.7	209	356	-
Vert.	5350.000	PK	47.78	31.88	-27.12	-	2.22	54.76	73.9	19.1	209	356	-
Vert.	5381.187	PK	52.21	31.97	-27.08	-	2.22	59.32	73.9	14.5	209	356	-
Vert.	5399.817	PK	54.59	32.03	-27.06	-	2.22	61.78	73.9	12.1	209	356	-
Vert.	15750.000	PK	47.72	39.47	-31.37	-	-9.54	46.28	73.9	27.6	150	0	Floor Noise
Vert.	21000.000	PK	45.37	40.06	12.75	47.08	-9.54	41.56	73.9	32.3	154	266	-
Vert.	15750.000	AV	37.03	39.47	-31.37	-	-9.54	35.59	53.9	18.3	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Average measurement value with Duty Factor

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty	Distance	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	Fac. [dB]	Fac. [dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	5150.000	AV	37.00	32.12	-27.36	-	0.03	2.22	44.01	53.9	9.8	*1)
Hori.	5350.000	AV	36.59	31.88	-27.12	-	0.03	2.22	43.60	53.9	10.3	*1)
Hori.	5382.927	AV	37.09	31.98	-27.08	-	0.03	2.22	44.24	53.9	9.6	*2)
Hori.	5398.039	AV	37.60	32.02	-27.06	-	0.03	2.22	44.81	53.9	9.0	*2)
Hori.	21000.000	AV	39.86	40.06	12.75	47.08	0.03	-9.54	36.08	53.9	17.8	-
Vert.	5150.000	AV	37.13	32.12	-27.36	-	0.03	2.22	44.14	53.9	9.7	*1)
Vert.	5350.000	AV	36.92	31.88	-27.12	-	0.03	2.22	43.93	53.9	9.9	*1)
Vert.	5381.187	AV	37.34	31.97	-27.08	-	0.03	2.22	44.48	53.9	9.4	*2)
Vert.	5399.817	AV	38.18	32.03	-27.06	-	0.03	2.22	45.40	53.9	8.4	*2)
Vert.	21000.000	AV	37.83	40.06	12.75	47.08	0.03	-9.54	34.05	53.9	19.8	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty	Distance	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	Fac. [dB]	Fac. [dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	7000.000	PK	48.73	35.80	-35.02	-	-	2.22	51.73	-43.50	-27.0	16.5	371	322	-
Hori.	10500.000	PK	47.55	36.32	-33.05	-	-	-9.54	41.28	-53.95	-27.0	26.9	150	0	Floor Noise
Vert.	7000.000	PK	50.04	35.80	-35.02	-	-	2.22	53.04	-42.19	-27.0	15.1	400	17	-
Vert.	10500.000	PK	47.63	36.32	-33.05	-	-	-9.54	41.36	-53.87	-27.0	26.8	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 * \text{LOG}((10^{(Result[dBuV/m]/20)} * 10^{(-6)} * \text{Distance} : 3[m])^2 / 30 * 10^{-3})$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

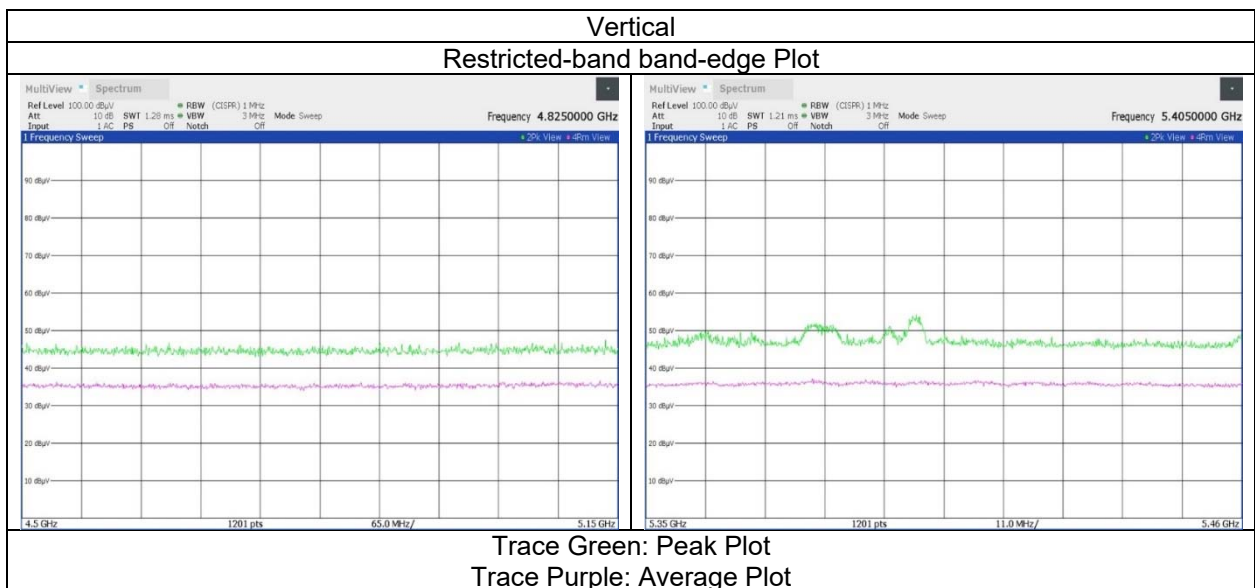
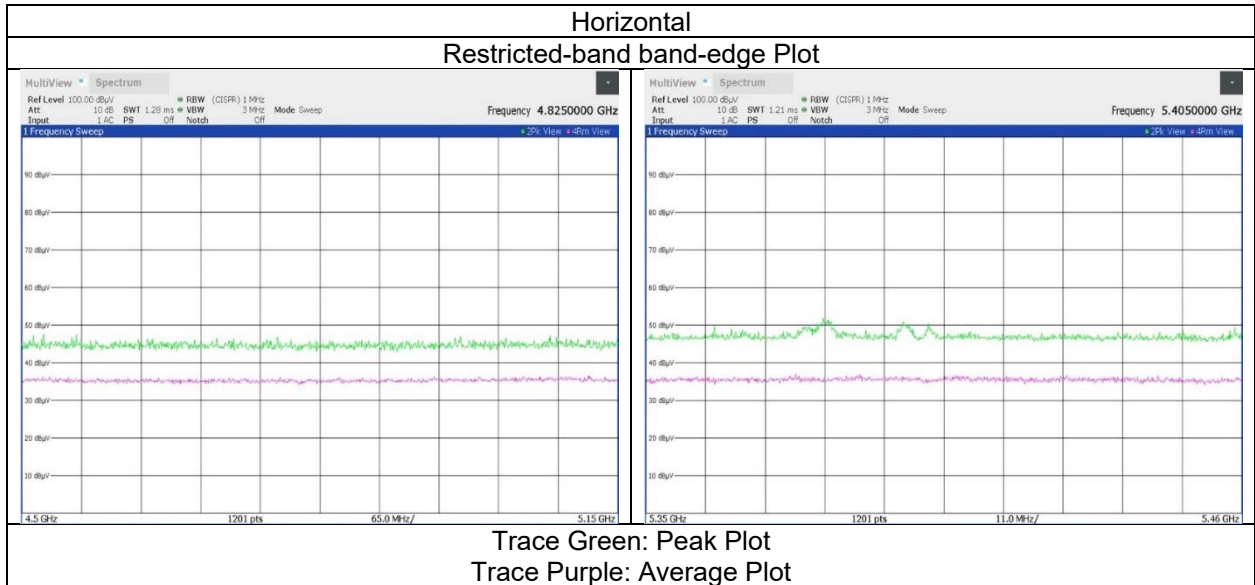
Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Radiated Spurious Emission

Mode	Tx 11ac-160, MIMO 5250 MHz with BT 3DH5 Hopping				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 12, 2025	WAC2	20 deg. C	50 % RH	Shiro Kobayashi	1 GHz to 10 GHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.
Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission

Mode	Tx 11ac-160, MIMO 5250 MHz with 11g 2462 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
April 14, 2025	SAC3	29 deg. C	23 % RH	Yuta Shiba	Below 1 GHz
March 12, 2025	WAC2	22 deg. C	45 % RH	Miku Ikudome	1 GHz to 10 GHz
March 11, 2025	WAC2	23 deg. C	35 % RH	Miku Ikudome	10 GHz to 18 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	18 GHz to 40 GHz

(below 1 GHz and above 1 GHz Inside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	43.292	QP	45.00	13.58	6.69	32.18	0.00	33.09	40.0	6.9	400	153	-
Hori.	45.435	QP	43.30	12.81	6.73	32.18	0.00	30.66	40.0	9.3	400	177	-
Hori.	55.194	QP	49.50	9.41	6.73	32.18	0.00	33.46	40.0	6.5	400	41	-
Hori.	57.515	QP	52.00	8.76	6.64	32.17	0.00	35.23	40.0	4.7	400	237	-
Hori.	63.020	QP	46.20	7.55	6.51	32.17	0.00	28.09	40.0	11.9	342	87	-
Hori.	67.290	QP	49.00	6.85	6.61	32.17	0.00	30.29	40.0	9.7	400	62	-
Hori.	70.009	QP	52.50	6.55	6.77	32.16	0.00	33.66	40.0	6.3	278	242	-
Hori.	71.716	QP	50.90	6.40	6.92	32.16	0.00	32.06	40.0	7.9	232	243	-
Hori.	5150.000	PK	49.02	32.61	-25.75	-	2.22	58.10	73.9	15.8	381	355	-
Hori.	5350.000	PK	47.51	32.52	-25.46	-	2.22	56.79	73.9	17.1	381	355	-
Hori.	5356.823	PK	50.26	32.55	-25.44	-	2.22	59.59	73.9	14.3	381	355	-
Hori.	5367.356	PK	51.05	32.59	-25.43	-	2.22	60.43	73.9	13.4	381	355	-
Hori.	5382.916	PK	51.24	32.63	-25.42	-	2.22	60.67	73.9	13.2	381	355	-
Hori.	5398.052	PK	51.19	32.69	-25.40	-	2.22	60.70	73.9	13.2	381	355	-
Hori.	15750.000	PK	47.79	39.47	-31.37	-	-9.54	46.35	73.9	27.5	150	0	Floor Noise
Hori.	21000.000	PK	46.66	40.06	12.75	47.08	-9.54	42.85	73.9	31.0	149	197	-
Hori.	15750.000	AV	37.13	39.47	-31.37	-	-9.54	35.69	53.9	18.2	150	0	Floor Noise
Vert.	43.029	QP	43.70	13.67	6.68	32.18	0.00	31.87	40.0	8.1	100	90	-
Vert.	55.188	QP	44.90	9.41	6.72	32.18	0.00	28.85	40.0	11.1	100	104	-
Vert.	60.674	QP	46.30	7.97	6.53	32.17	0.00	28.63	40.0	11.3	100	89	-
Vert.	69.646	QP	48.60	6.59	6.75	32.16	0.00	29.78	40.0	10.2	100	130	-
Vert.	5150.000	PK	49.48	32.61	-25.75	-	2.22	58.56	73.9	15.3	266	345	-
Vert.	5350.000	PK	48.67	32.52	-25.46	-	2.22	57.95	73.9	15.9	266	345	-
Vert.	5355.358	PK	52.16	32.55	-25.45	-	2.22	61.48	73.9	12.4	266	345	-
Vert.	5365.799	PK	51.54	32.59	-25.44	-	2.22	60.91	73.9	12.9	266	345	-
Vert.	5381.640	PK	53.38	32.63	-25.42	-	2.22	62.81	73.9	11.0	266	345	-
Vert.	5399.986	PK	50.93	32.70	-25.40	-	2.22	60.45	73.9	13.4	266	345	-
Vert.	15750.000	PK	47.68	39.47	-31.37	-	-9.54	46.24	73.9	27.6	150	0	Floor Noise
Vert.	21000.000	PK	44.88	40.06	12.75	47.08	-9.54	41.07	73.9	32.8	155	263	-
Vert.	15750.000	AV	37.11	39.47	-31.37	-	-9.54	35.67	53.9	18.2	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	37.08	32.61	-25.75	-	0.03	2.22	46.19	53.9	7.7	*1)
Hori.	5350.000	AV	36.60	32.52	-25.46	-	0.03	2.22	45.91	53.9	7.9	*1)
Hori.	5356.823	AV	37.02	32.55	-25.44	-	0.03	2.22	46.38	53.9	7.5	*2)
Hori.	5367.356	AV	36.85	32.59	-25.43	-	0.03	2.22	46.26	53.9	7.6	*2)
Hori.	5382.916	AV	37.04	32.63	-25.42	-	0.03	2.22	46.50	53.9	7.4	*2)
Hori.	5398.052	AV	37.13	32.69	-25.40	-	0.03	2.22	46.67	53.9	7.2	*2)
Hori.	21000.000	AV	39.37	40.06	12.75	47.08	0.03	-9.54	35.59	53.9	18.3	-
Vert.	5150.000	AV	37.01	32.61	-25.75	-	0.03	2.22	46.12	53.9	7.7	*1)
Vert.	5350.000	AV	36.69	32.52	-25.46	-	0.03	2.22	46.00	53.9	7.8	*1)
Vert.	5355.358	AV	37.11	32.55	-25.45	-	0.03	2.22	46.46	53.9	7.4	*2)
Vert.	5365.799	AV	37.17	32.59	-25.44	-	0.03	2.22	46.57	53.9	7.3	*2)
Vert.	5381.640	AV	37.21	32.63	-25.42	-	0.03	2.22	46.67	53.9	7.2	*2)
Vert.	5399.986	AV	37.06	32.70	-25.40	-	0.03	2.22	46.61	53.9	7.2	*2)
Vert.	21000.000	AV	37.67	40.06	12.75	47.08	0.03	-9.54	33.89	53.9	20.0	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Duty factor refer to "Burst rate confirmation" sheet.

*1) Not out of band emission (Leakage Power)

*2) Noise synchronized with duty of carrier frequency.

(Calculation) (above 1 GHz Outside of the restricted band)

(* PK: Peak, AV: Average, QP: Quasi-Peak)

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	7000.000	PK	49.01	35.80	-35.02	-	-	2.22	52.01	-43.22	-27.0	16.2	371	321	-
Hori.	10500.000	PK	47.63	36.32	-33.05	-	-	-9.54	41.36	-53.87	-27.0	26.8	150	0	Floor Noise
Vert.	7000.000	PK	50.85	35.80	-35.02	-	-	2.22	53.85	-41.38	-27.0	14.3	400	20	-
Vert.	10500.000	PK	47.65	36.32	-33.05	-	-	-9.54	41.38	-53.85	-27.0	26.8	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = $10 \times \text{LOG}((10 \times (\text{Result [dBuV/m]} / 20) \times 10^{-6}) \times \text{Distance} : 3[m])^2 / 30 \times 10^{-3})$

*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

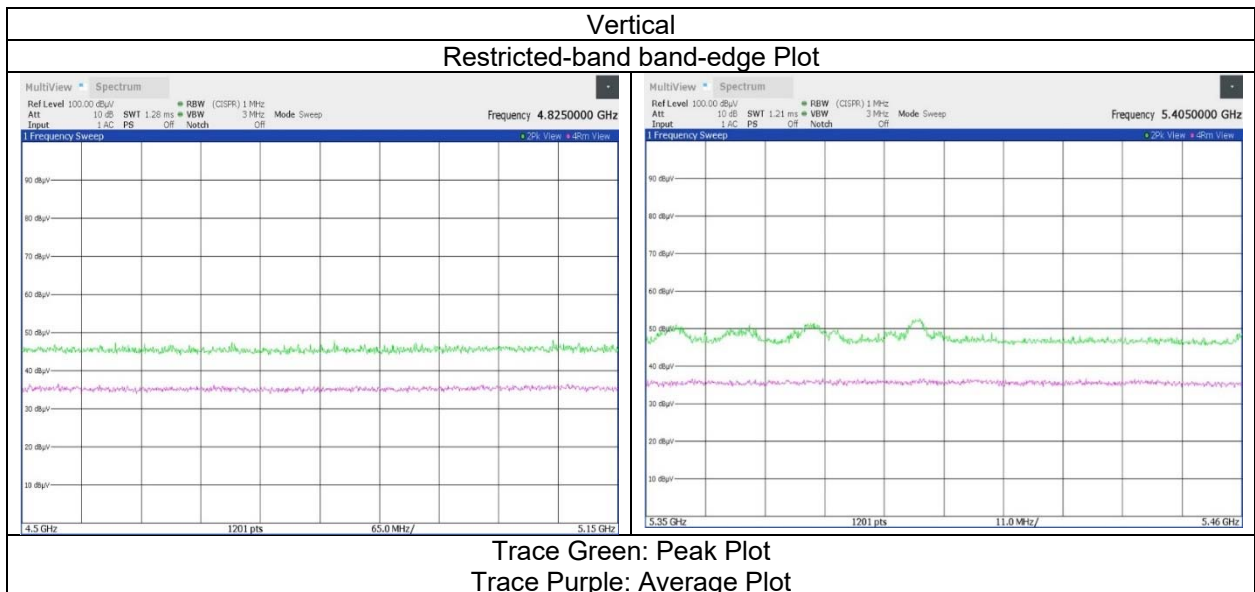
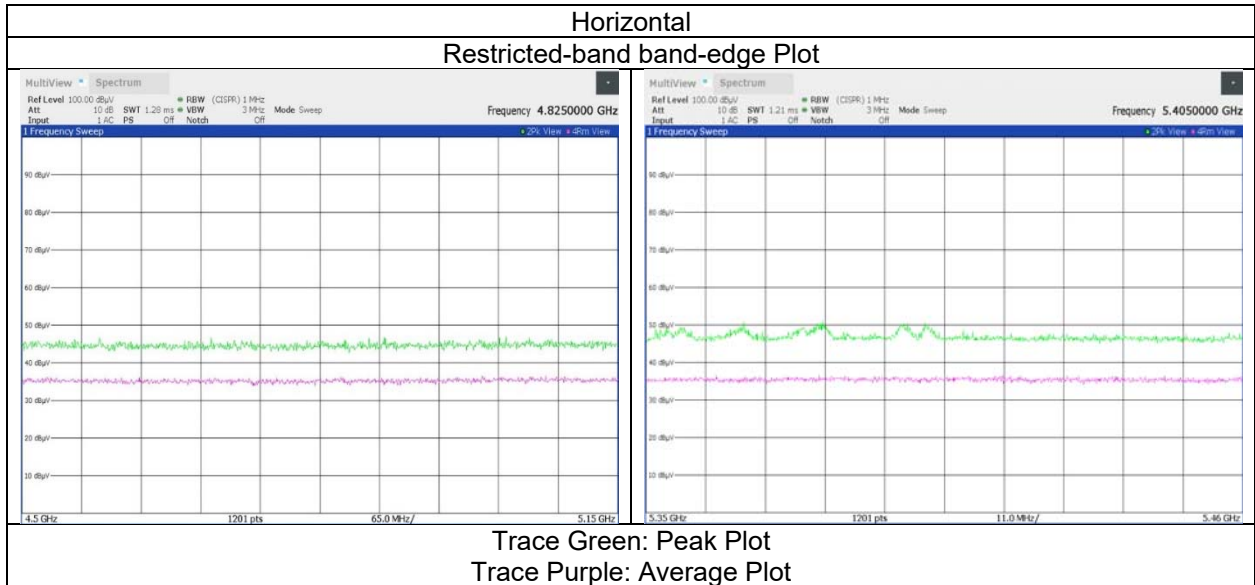
Distance Fac.: 1 GHz to 10 GHz: $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

10 GHz to 40 GHz: $20\log(1.00[m]/3.0[m]) = -9.54[\text{dB}]$

Radiated Spurious Emission

Mode	Tx 11ac-160, MIMO 5250 MHz with 11g 2462 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 12, 2025	WAC2	22 deg. C	45 % RH	Miku Ikudome	1 GHz to 10 GHz



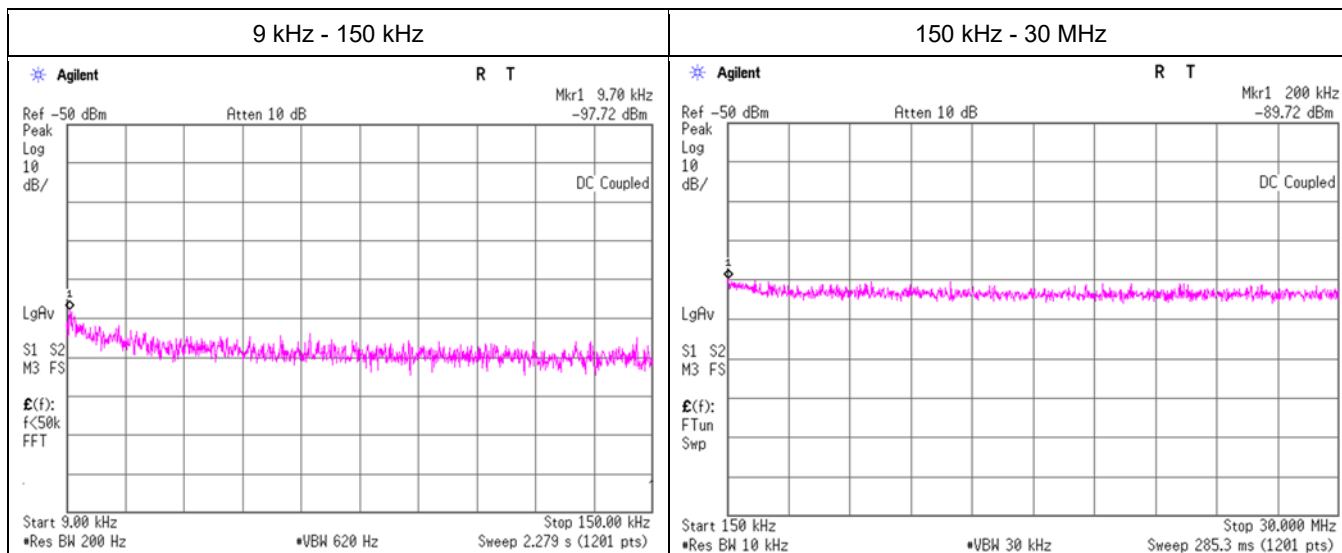
* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.

Final result of restricted band edge was shown in tabular data.

Conducted Spurious Emission

Mode	Tx 11ac-20 MIMO, 5825 MHz
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Date	Test Place	Temperature	Humidity	Engineer
January 22, 2025	SR5	20 deg.C	45 %RH	Shiro Kobayashi



Freq.	Reading	Cable Loss	Atten. Loss	Antenna Gain	N (Number of Output)	EIRP	Distance	Ground bounce	E (field strength)	Limit	Margin	Remark
[kHz]	[dBm]	[dB]	[dB]	[dBi]		[dBm]	[m]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
9.700	-97.72	0.01	9.90	3.30	2.0	-81.5	300	6.0	-20.2	47.8	68.0	-
200.000	-89.72	0.02	9.90	3.30	2.0	-73.5	300	6.0	-12.2	21.5	33.7	-

$E [dBuV/m] = EIRP [dBm] - 20 \log (Distance [m]) + Ground\ bounce [dB] + 104.8 [dBuV/m]$

$EIRP[dBm] = Reading [dBm] + Cable\ loss [dB] + Attenuator\ Loss [dB] + Antenna\ gain [dBi] + 10 * \log (N)$

N: Number of output

APPENDIX 2: Test Instruments

Test Equipment [1/2]

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	242066	Attenuator	Weinschel Corp.	54A-10	120521	2024/11/06	12
AT	242067	Attenuator	Weinschel Corp.	54A-10	120523	2024/11/06	12
AT	179106	Coaxial Cable	Junkosha	MWX241-01000KMSKMS/B	1901Q061-R	2024/04/10	12
AT	179107	Coaxial Cable	Junkosha	MWX241-01000KMSKMS/B	1901Q062-R	2024/04/10	12
AT	146212	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997828	2024/09/24	12
AT	254941	Microwave cable	RS Pro	R-132G7210 100CO	-	2024/11/14	12
AT	254943	Microwave cable	RS Pro	R-132G7210 100CO	-	2024/11/14	12
AT	146247	Power Meter	Keysight Technologies Inc	8990B	MY51000272	2024/05/14	12
AT	146310	Power sensor	Keysight Technologies Inc	N1923A	MY5326009	2024/05/14	12
AT	146311	Power sensor	Keysight Technologies Inc	N1923A	MY5349008	2024/05/14	12
AT	235604	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY45300743	2024/05/23	12
AT	253774	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46185398	2024/11/19	12
AT	171614	Terminator	Weinschel - API Technologies Corp	M1459A	88995	2024/05/10	12
AT	175822	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2024/08/11	12
RE	236802	Antenna Tilt Jig	Intelligent System Engineering Co., Ltd	Antenna Tilt Jig	1512004-0020-052	-	-
RE	248303	Attenuator	JFW	50HFFA-006-2/18N	-	2024/05/06	12
RE	145023	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	BBA9106	91032666	2024/05/10	12
RE	196945	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803414/2	2025/03/13	12
RE	236709	Coaxial Cable	Hayashi-Repic co., Ltd.	NMS079B-GL310C-SMS117B-2m	47256-02-04	2024/05/09	12
RE	236711	Coaxial Cable	Hayashi-Repic co., Ltd.	KMS020B-GL140sE-KMS020B-7.0m	47256-03-02	2024/05/09	12
RE	236720	Coaxial Cable	Huber+Suhner	SF106/SF106/SF106	2001167/2001168/2001161	2024/05/10	12
RE	236756	Coaxial Cable	Huber+Suhner	SF106/11N/11N/600	2001167	2024/05/10	12
RE	239644	Coaxial Cable	Junkosha	MWX221-01000NFSNMS/B	2306S022	2024/08/21	12
RE	243210	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-NFS13-1.0m	49190-01-02	2024/12/05	12
RE	253628	Coaxial Cable&RF Selector	Fujikura/Fujikura/Suhner/Suhner/Suhner/TOYO	5D2W/12DSFA/141PE/141PE/141PE/141PE/NS4906	-/0901-271(RF Selector)	2025/04/05	12
RE	146210	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997823	2024/09/24	12
RE	235640	DIGITAL MULTIMETER	HIOKI E. E. CORPORATION	DT4261	230313157	2024/05/29	12
RE	170932	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3(RE,CE,ME,PE)	Ver 3.1.0546	-	-
RE	145512	Horn Antenna	ETS-Lindgren	3160-09	00094868	2024/06/20	12
RE	145514	Horn Antenna	ETS-Lindgren	3160-10	00092383	2024/06/20	12
RE	236584	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000112	2024/04/04	12
RE	236687	Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	788	2024/04/04	12
RE	236769	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000111	2025/04/01	12
RE	145529	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	196	2024/05/10	12
RE	145007	Pre Amplifier	Toyo Corporation	HAP18-26W	19	2024/08/21	12
RE	145126	Pre Amplifier	SONOMA	310N	290213	2025/02/19	12
RE	145129	Pre Amplifier	Toyo Corporation	HAP26-40W	B3208602403-176	2024/05/09	12
RE	237786	RF RELAY MATRIX with preamplifier	TSJ (Techno Science Japan)	RFM-E221261R	07796	2024/11/12	12
RE	145565	Semi-Anechoic Chamber	TDK	SAEC-03(NSA)	3	2025/04/07	12
RE	236617	Semi-Anechoic Chamber	TDK	SWAC-02(SVSWR)	2	2024/06/06	12

Test Equipment [2/2]

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	146432	Tape Measure	TAJIMA	GL19-55	-	-	-
RE	207281	Tape Measure	ASKUL	-	-	-	-
RE	213530	Test Receiver	Rohde & Schwarz	ESW44	103068	2025/02/12	12
RE	235267	Test Receiver	Rohde & Schwarz	ESW44	103018	2025/03/18	12
RE	235268	Test Receiver	Rohde & Schwarz	ESW44	103212	2024/12/18	12
RE	191840	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2024/08/12	12
RE	235738	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2024/04/28	12
RE	145136	Attenuator	Keysight Technologies Inc	8493C-010	74864	2024/10/10	12
RE	239650	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	2001218/2	2024/08/20	12
RE	145305	Highpass Filter	Micro-Tronics	HPM50111	119	2025/03/04	12

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

AT: Antenna Terminal Conducted test

RE: Radiated Emission