

Radiated Spurious Emission

Mode	Tx 11ax-40 (OFDMA), 52-tone RU, RU Index 44, MIMO 5795 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 22, 2025	WAC2	20 deg. C	29 % RH	Masahide Ozaki	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	47.71	32.98	-26.87	-	-	2.22	56.04	-39.19	27.0	66.1	360	353	-	-
Hori.	5855.000	PK	47.71	32.99	-26.87	-	-	2.22	56.05	-39.18	15.6	54.7	360	353	-	-
Hori.	5875.000	PK	47.81	33.01	-26.87	-	-	2.22	56.17	-39.06	10.0	49.0	360	353	-	-
Hori.	5925.000	PK	47.82	33.10	-26.85	-	-	2.22	56.29	-38.94	-27.0	11.9	360	353	-	-
Vert.	5850.000	PK	47.63	32.98	-26.87	-	-	2.22	55.96	-39.27	27.0	66.2	302	0	-	-
Vert.	5855.000	PK	47.66	32.99	-26.87	-	-	2.22	56.00	-39.23	15.6	54.8	302	0	-	-
Vert.	5875.000	PK	47.93	33.01	-26.87	-	-	2.22	56.29	-38.94	10.0	48.9	302	0	-	-
Vert.	5925.000	PK	47.44	33.10	-26.85	-	-	2.22	55.91	-39.32	-27.0	12.3	302	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.

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-40 (OFDMA), 106-tone RU, RU Index 53, MIMO 5190 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.56	32.12	-27.36	-	2.22	54.54	73.9	19.3	380	354	-
Vert.	5150.000	PK	47.78	32.12	-27.36	-	2.22	54.76	73.9	19.1	260	343	-

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	36.27	32.12	-27.36	-	0.25	2.22	43.50	53.9	10.4	*1)
Vert.	5150.000	AV	36.32	32.12	-27.36	-	0.25	2.22	43.55	53.9	10.3	*1)

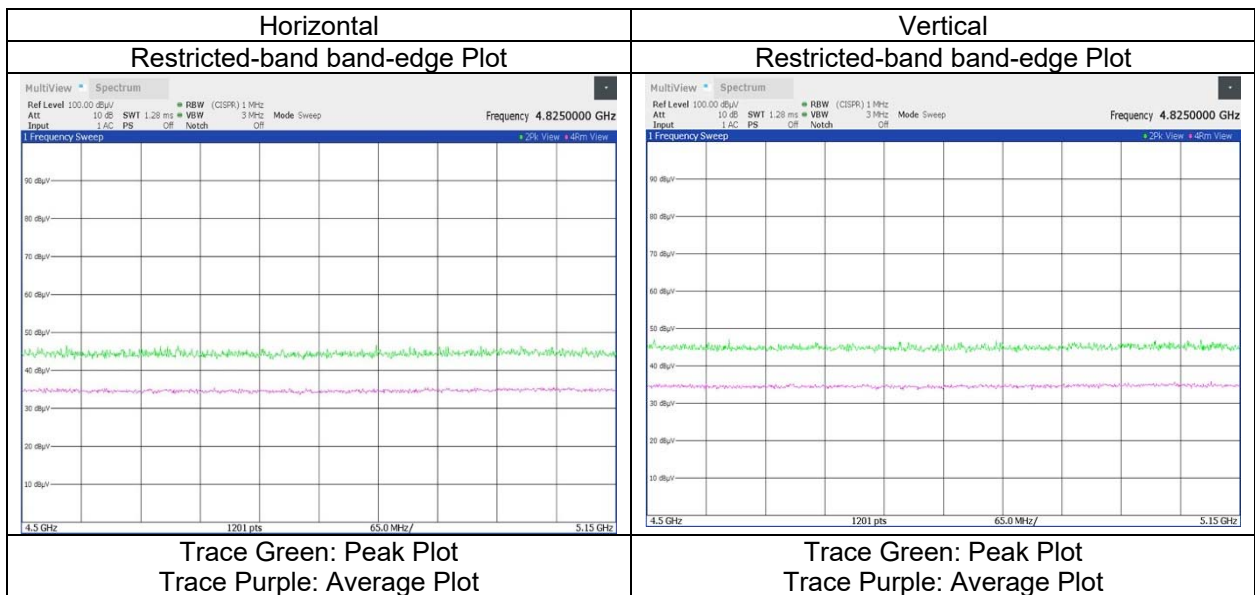
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 106-tone RU, RU Index 56, MIMO 5310 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.31	31.88	-27.12	-	2.22	54.29	73.9	19.6	394	354	-
Vert.	5350.000	PK	47.18	31.88	-27.12	-	2.22	54.16	73.9	19.7	244	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) + 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	36.05	31.88	-27.12	-	0.25	2.22	43.28	53.9	10.6	*1)
Vert.	5350.000	AV	35.93	31.88	-27.12	-	0.25	2.22	43.16	53.9	10.7	*1)

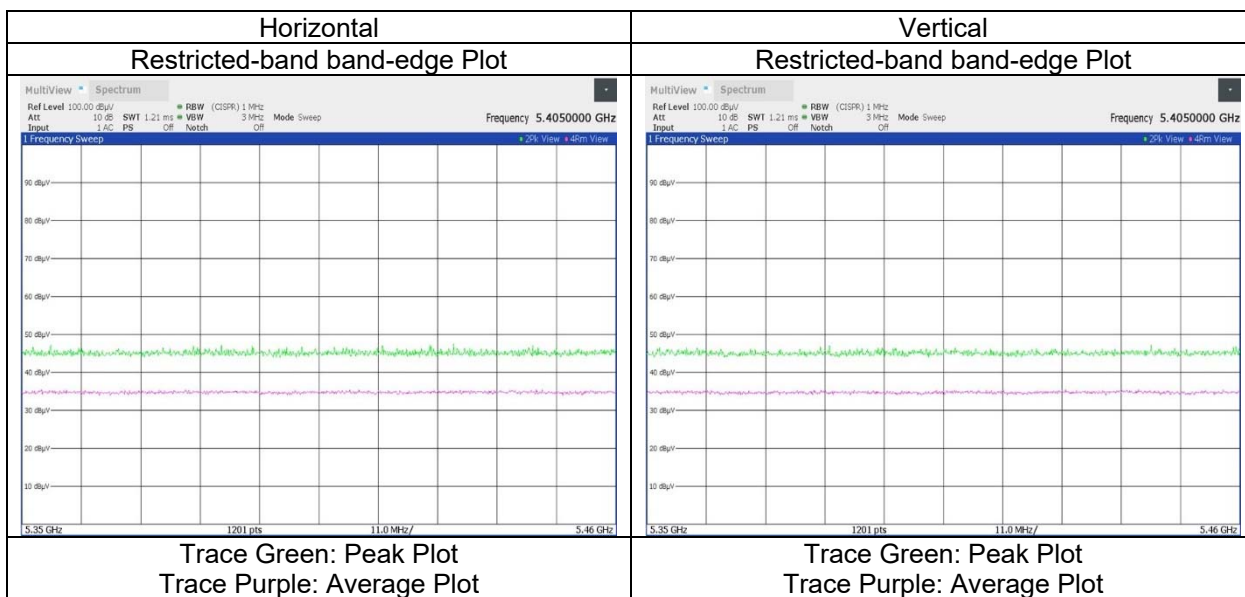
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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-40 (OFDMA), 106-tone RU, RU Index 53, MIMO 5510 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	48.02	32.30	-26.98	-	2.22	55.56	73.9	18.3	335	350	-
Vert.	5460.000	PK	47.07	32.30	-26.98	-	2.22	54.61	73.9	19.2	345	358	-

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	-	0.25	2.22	43.80	53.9	10.1	*1)
Vert.	5460.000	AV	36.06	32.30	-26.98	-	0.25	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)

(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	47.93	32.35	-26.97	-	-	2.22	55.53	-39.70	-27.0	12.7	335	350	-
Vert.	5470.000	PK	47.25	32.35	-26.97	-	-	2.22	54.85	-40.38	-27.0	13.3	345	358	-

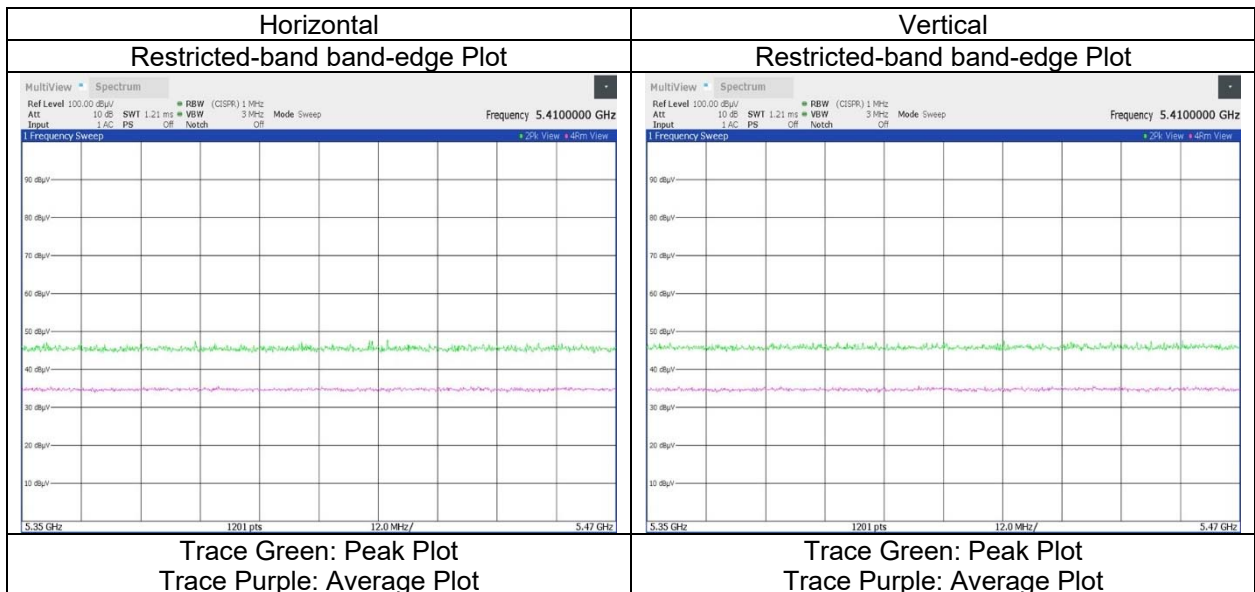
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

*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 : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$



* 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-40 (OFDMA), 106-tone RU, RU Index 56, MIMO 5670 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.28	32.98	-26.89	-	-	2.22	55.59	-39.64	-27.0	12.6	366	353	-
Vert.	5725.000	PK	47.31	32.98	-26.89	-	-	2.22	55.62	-39.61	-27.0	12.6	304	2	-

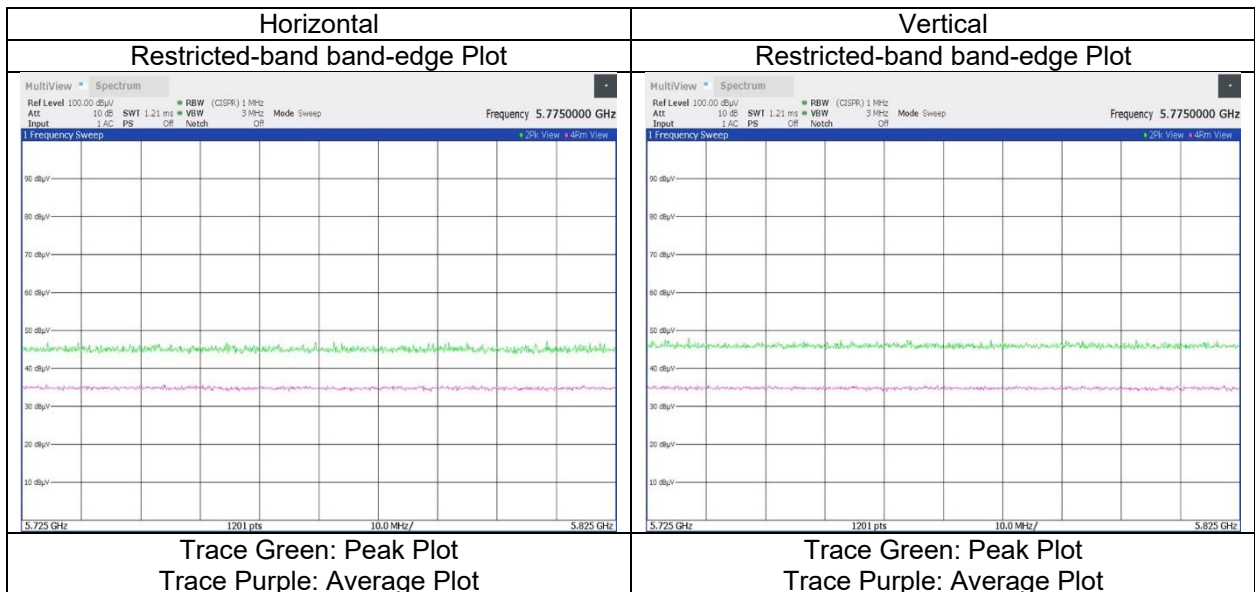
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 106-tone RU, RU Index 53, MIMO 5755 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.89	32.99	-26.91	-	-	2.22	56.19	-39.04	-27.0	12.0	373	354	-	
Hori.	5700.000	PK	47.43	33.00	-26.90	-	-	2.22	55.75	-39.48	10.0	49.4	373	354	-	
Hori.	5720.000	PK	47.44	32.98	-26.89	-	-	2.22	55.75	-39.48	15.6	55.0	373	354	-	
Hori.	5725.000	PK	47.69	32.98	-26.89	-	-	2.22	56.00	-39.23	27.0	66.2	373	354	-	
Vert.	5650.000	PK	47.82	32.99	-26.91	-	-	2.22	56.12	-39.11	-27.0	12.1	343	5	-	
Vert.	5700.000	PK	47.35	33.00	-26.90	-	-	2.22	55.67	-39.56	10.0	49.5	343	5	-	
Vert.	5720.000	PK	47.53	32.98	-26.89	-	-	2.22	55.84	-39.39	15.6	54.9	343	5	-	
Vert.	5725.000	PK	48.40	32.98	-26.89	-	-	2.22	56.71	-38.52	27.0	65.5	343	5	-	

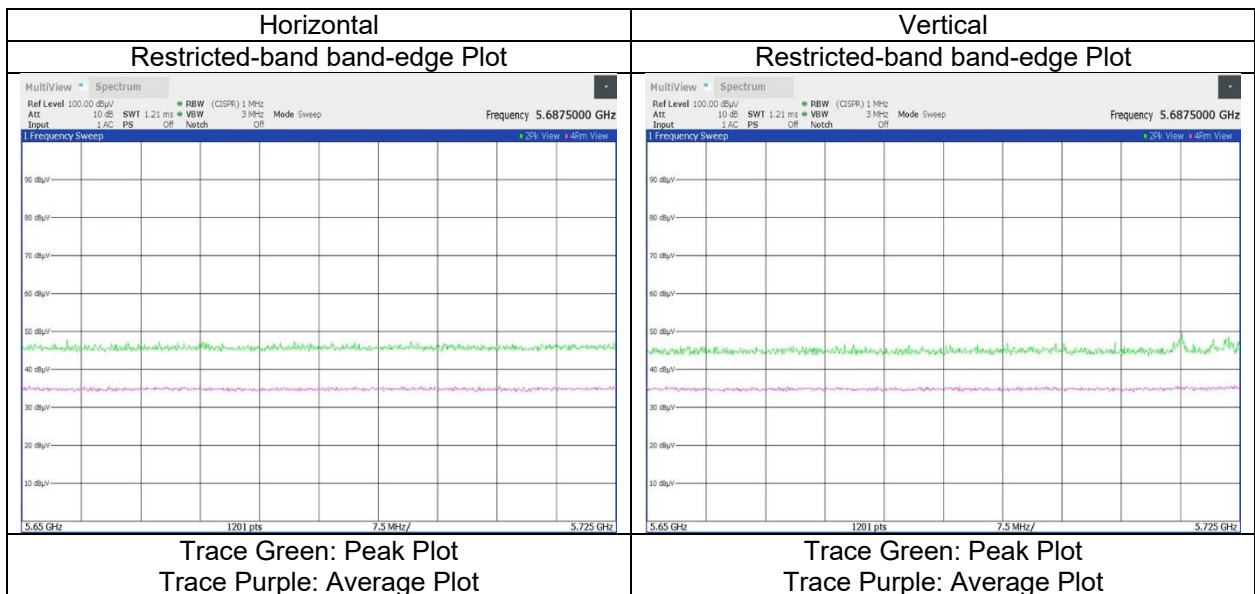
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 106-tone RU, RU Index 56, MIMO 5795 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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.	5850.000	PK	47.45	32.98	-26.87	-	-	2.22	55.78	-39.45	27.0	66.4	360	354	-	
Hori.	5855.000	PK	47.62	32.99	-26.87	-	-	2.22	55.96	-39.27	15.6	54.8	360	354	-	
Hori.	5875.000	PK	47.32	33.01	-26.87	-	-	2.22	55.68	-39.55	10.0	49.5	360	354	-	
Hori.	5925.000	PK	47.31	33.10	-26.85	-	-	2.22	55.78	-39.45	-27.0	12.4	360	354	-	
Vert.	5850.000	PK	48.46	32.98	-26.87	-	-	2.22	56.79	-38.44	27.0	65.4	322	1	-	
Vert.	5855.000	PK	47.23	32.99	-26.87	-	-	2.22	55.57	-39.66	15.6	55.2	322	1	-	
Vert.	5875.000	PK	48.71	33.01	-26.87	-	-	2.22	57.07	-38.16	10.0	48.1	322	1	-	
Vert.	5925.000	PK	47.46	33.10	-26.85	-	-	2.22	55.93	-39.30	-27.0	12.3	322	1	-	

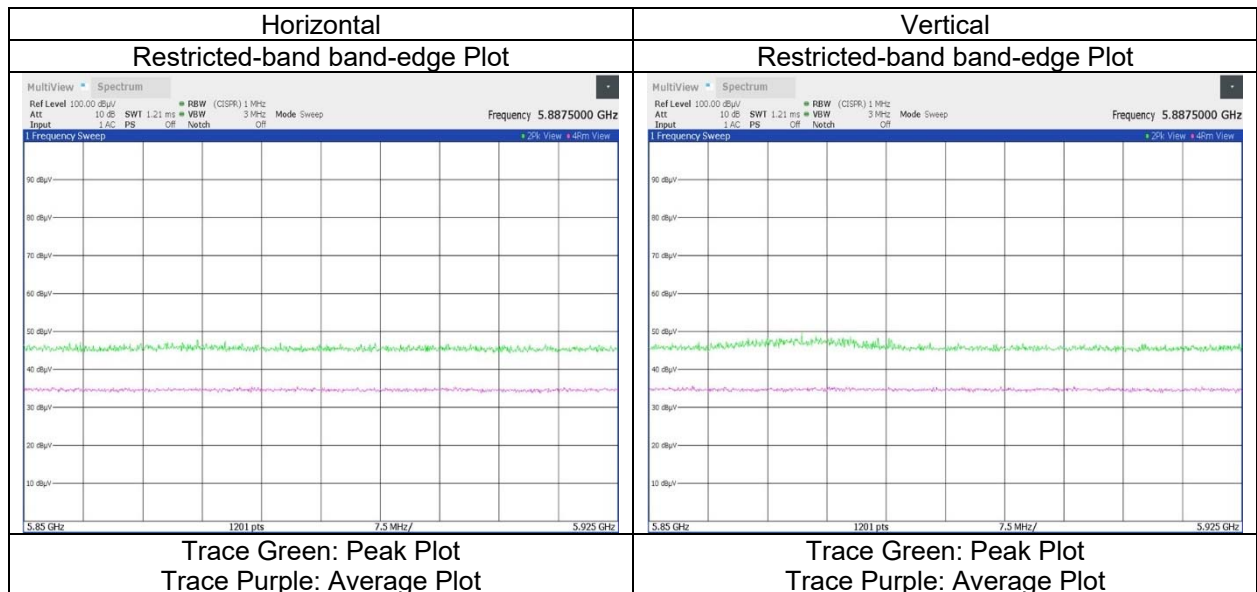
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 242-tone RU, RU Index 61, MIMO 5190 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.27	32.12	-27.36	-	2.22	54.25	73.9	19.6	394	350	-
Vert.	5150.000	PK	47.28	32.12	-27.36	-	2.22	54.26	73.9	19.6	225	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	36.05	32.12	-27.36	-	0.25	2.22	43.28	53.9	10.6	*1)
Vert.	5150.000	AV	36.25	32.12	-27.36	-	0.25	2.22	43.48	53.9	10.4	*1)

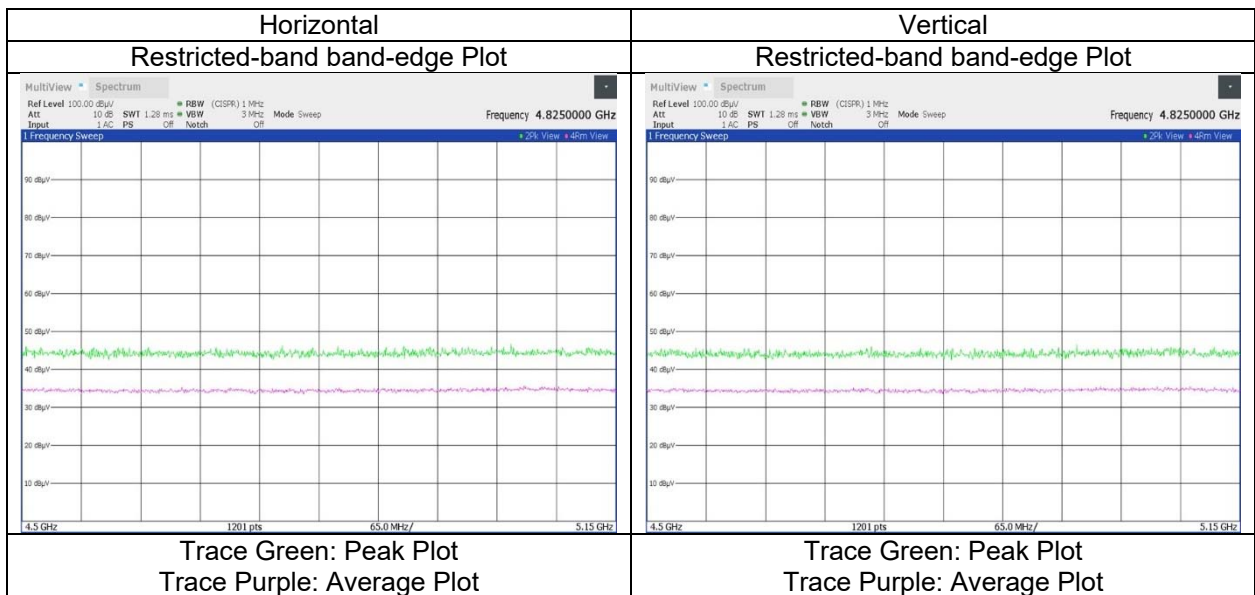
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 242-tone RU, RU Index 62, MIMO 5310 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.03	31.88	-27.12	-	2.22	54.01	73.9	19.8	394	1	-
Vert.	5350.000	PK	47.35	31.88	-27.12	-	2.22	54.33	73.9	19.5	243	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	35.90	31.88	-27.12	-	0.25	2.22	43.13	53.9	10.7	*1)
Vert.	5350.000	AV	35.79	31.88	-27.12	-	0.25	2.22	43.02	53.9	10.8	*1)

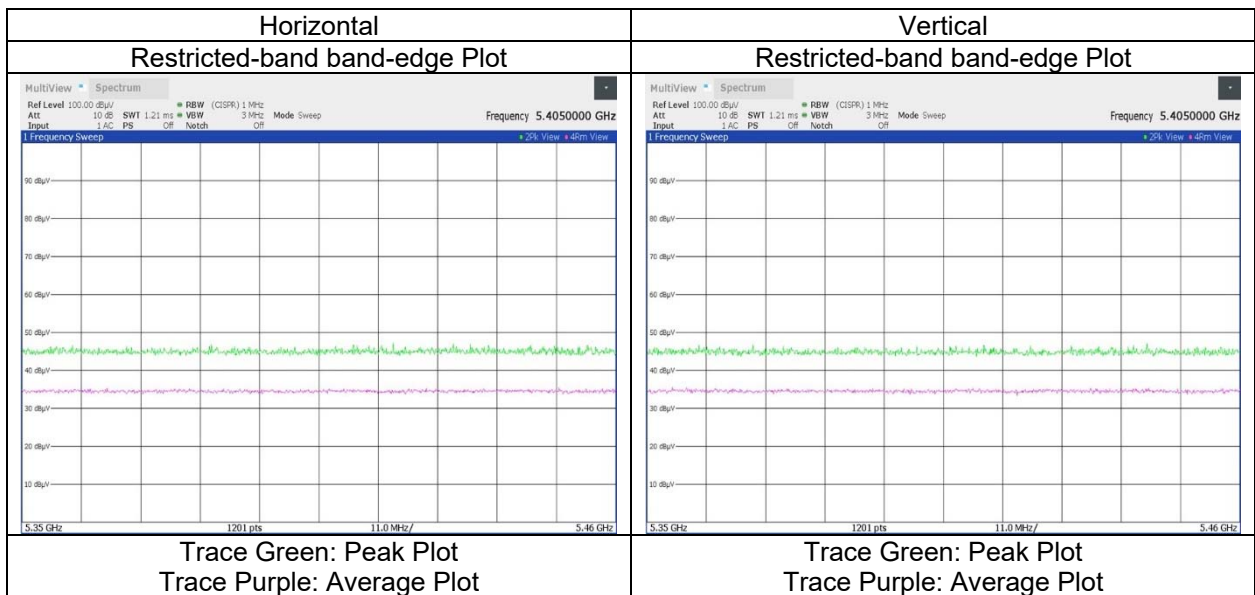
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 242-tone RU, RU Index 61, MIMO 5510 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.21	32.30	-26.98	-	2.22	54.75	73.9	19.1	337	351	-
Vert.	5460.000	PK	47.12	32.30	-26.98	-	2.22	54.66	73.9	19.2	362	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	35.89	32.30	-26.98	-	0.25	2.22	43.68	53.9	10.2	*1)
Vert.	5460.000	AV	35.96	32.30	-26.98	-	0.25	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 : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

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	47.69	32.35	-26.97	-	-	2.22	55.29	-39.94	-27.0	12.9	337	351	-
Vert.	5470.000	PK	47.52	32.35	-26.97	-	-	2.22	55.12	-40.11	-27.0	13.1	362	6	-

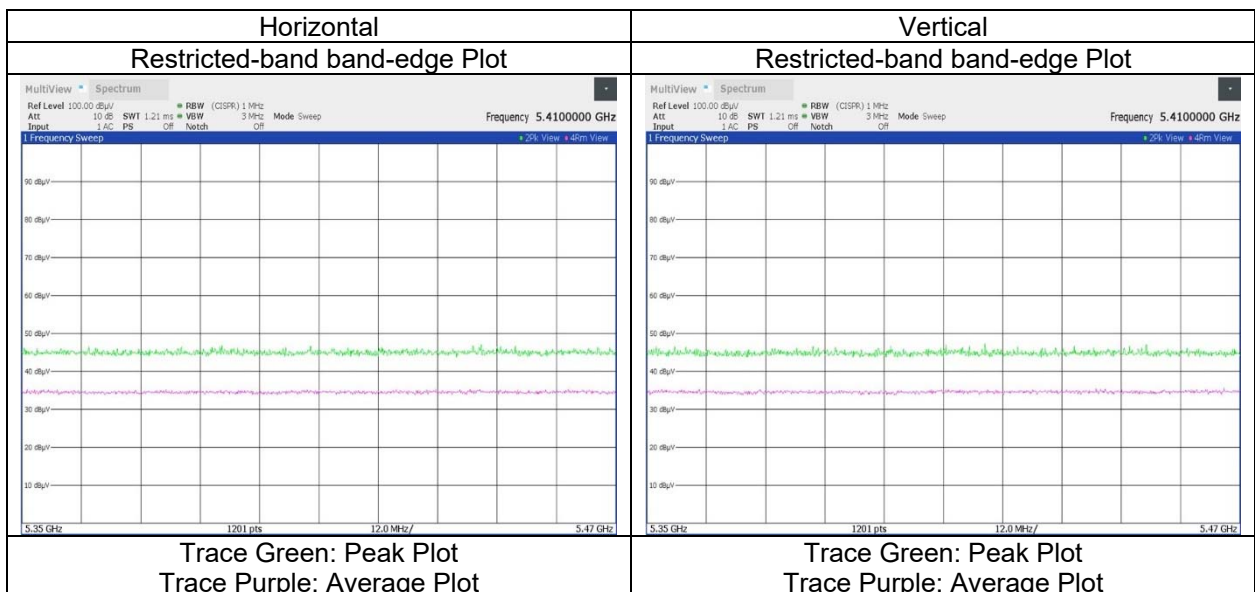
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

*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-40 (OFDMA), 242-tone RU, RU Index 62, MIMO 5670 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.59	32.98	-26.89	-	-	2.22	55.90	-39.33	-27.0	12.3	396	355	-
Vert.	5725.000	PK	47.29	32.98	-26.89	-	-	2.22	55.60	-39.63	-27.0	12.6	340	2	-

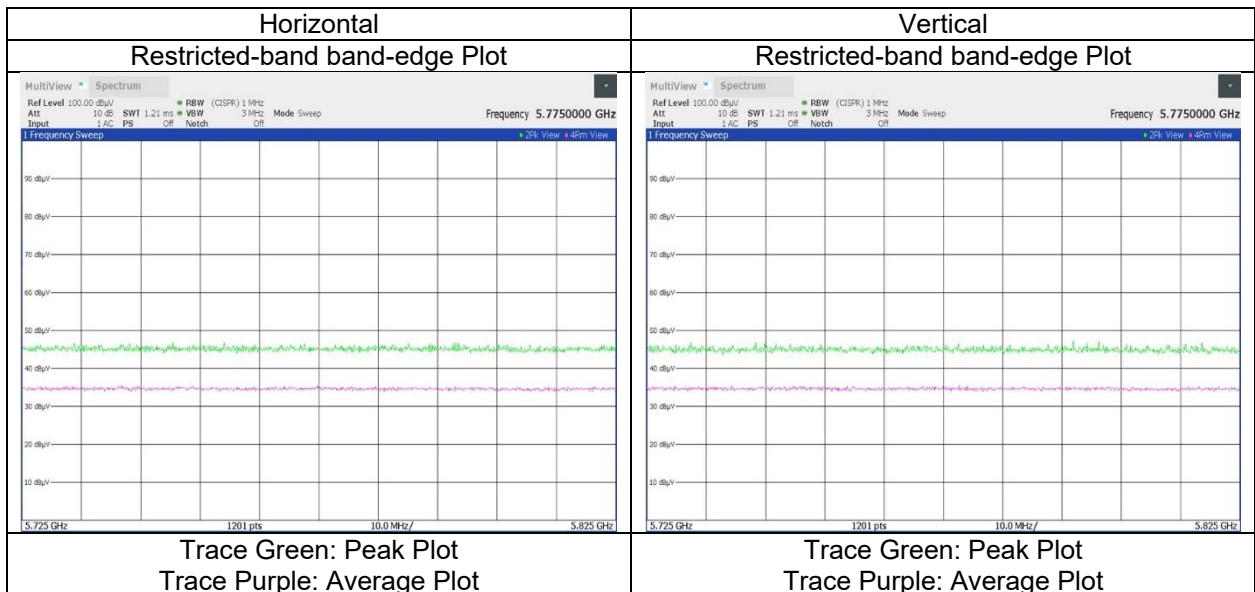
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 242-tone RU, RU Index 61, MIMO 5755 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.33	32.99	-26.91	-	-	2.22	55.63	-39.60	-27.0	12.6	352	8	-	-
Hori.	5700.000	PK	47.18	33.00	-26.90	-	-	2.22	55.50	-39.73	10.0	49.7	352	8	-	-
Hori.	5720.000	PK	47.13	32.98	-26.89	-	-	2.22	55.44	-39.79	15.6	55.3	352	8	-	-
Hori.	5725.000	PK	47.63	32.98	-26.89	-	-	2.22	55.94	-39.29	27.0	66.2	352	8	-	-
Vert.	5650.000	PK	47.61	32.99	-26.91	-	-	2.22	55.91	-39.32	-27.0	12.3	297	7	-	-
Vert.	5700.000	PK	47.12	33.00	-26.90	-	-	2.22	55.44	-39.79	10.0	49.7	297	7	-	-
Vert.	5720.000	PK	47.43	32.98	-26.89	-	-	2.22	55.74	-39.49	15.6	55.0	297	7	-	-
Vert.	5725.000	PK	49.22	32.98	-26.89	-	-	2.22	57.53	-37.70	27.0	64.7	297	7	-	-

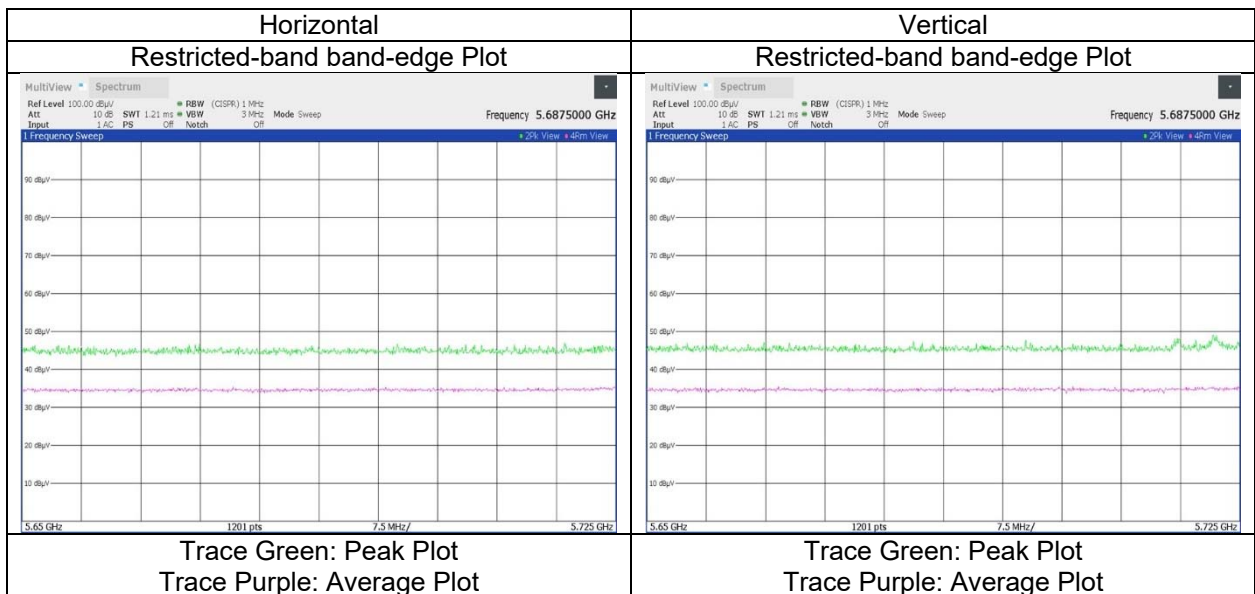
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 242-tone RU, RU Index 62, MIMO 5795 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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.	5850.000	PK	47.07	32.98	-26.87	-	-	2.22	55.40	-39.83	27.0	66.8	385	3	-
Hori.	5855.000	PK	47.25	32.99	-26.87	-	-	2.22	55.59	-39.64	15.6	55.2	385	3	-
Hori.	5875.000	PK	47.06	33.01	-26.87	-	-	2.22	55.42	-39.81	10.0	49.8	385	3	-
Hori.	5925.000	PK	47.09	33.10	-26.85	-	-	2.22	55.56	-39.67	-27.0	12.6	385	3	-
Vert.	5850.000	PK	47.12	32.98	-26.87	-	-	2.22	55.45	-39.78	27.0	66.7	224	8	-
Vert.	5855.000	PK	47.49	32.99	-26.87	-	-	2.22	55.83	-39.40	15.6	55.0	224	8	-
Vert.	5875.000	PK	47.21	33.01	-26.87	-	-	2.22	55.57	-39.66	10.0	49.6	224	8	-
Vert.	5925.000	PK	46.89	33.10	-26.85	-	-	2.22	55.36	-39.87	-27.0	12.8	224	8	-

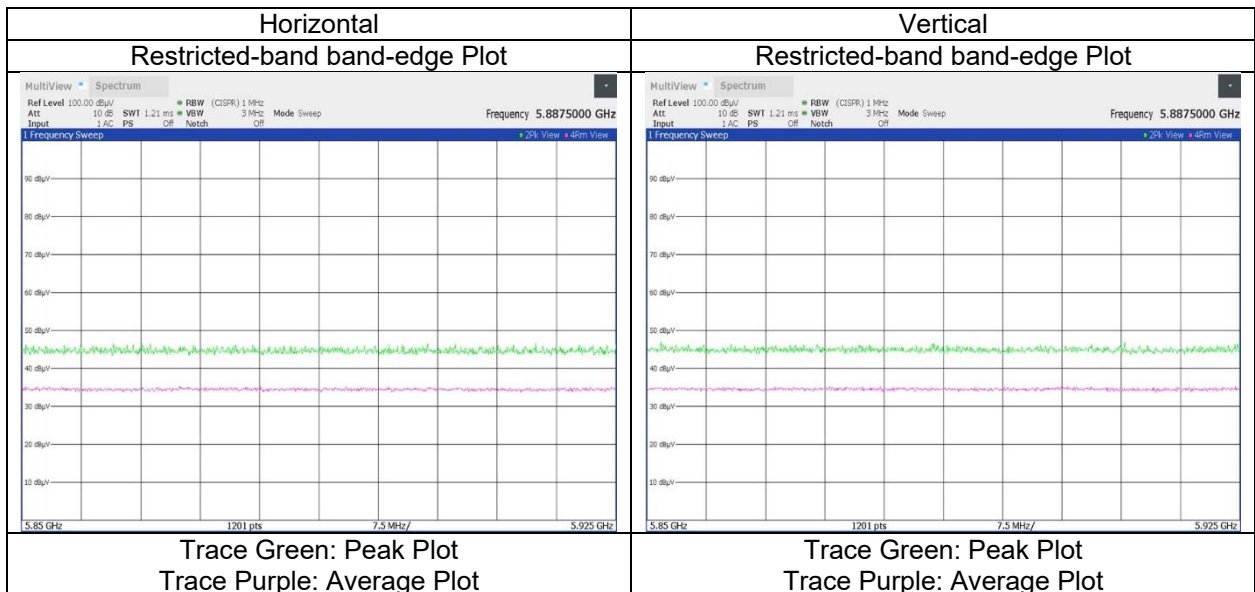
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * 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-40 (OFDMA), 484-tone RU, RU Index 65, MIMO 5190 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.79	32.12	-27.36	-	2.22	54.77	73.9	19.1	390	352	-
Vert.	5150.000	PK	47.52	32.12	-27.36	-	2.22	54.50	73.9	19.4	239	346	-

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	36.21	32.12	-27.36	-	0.24	2.22	43.43	53.9	10.4	*1)
Vert.	5150.000	AV	36.01	32.12	-27.36	-	0.24	2.22	43.23	53.9	10.6	*1)

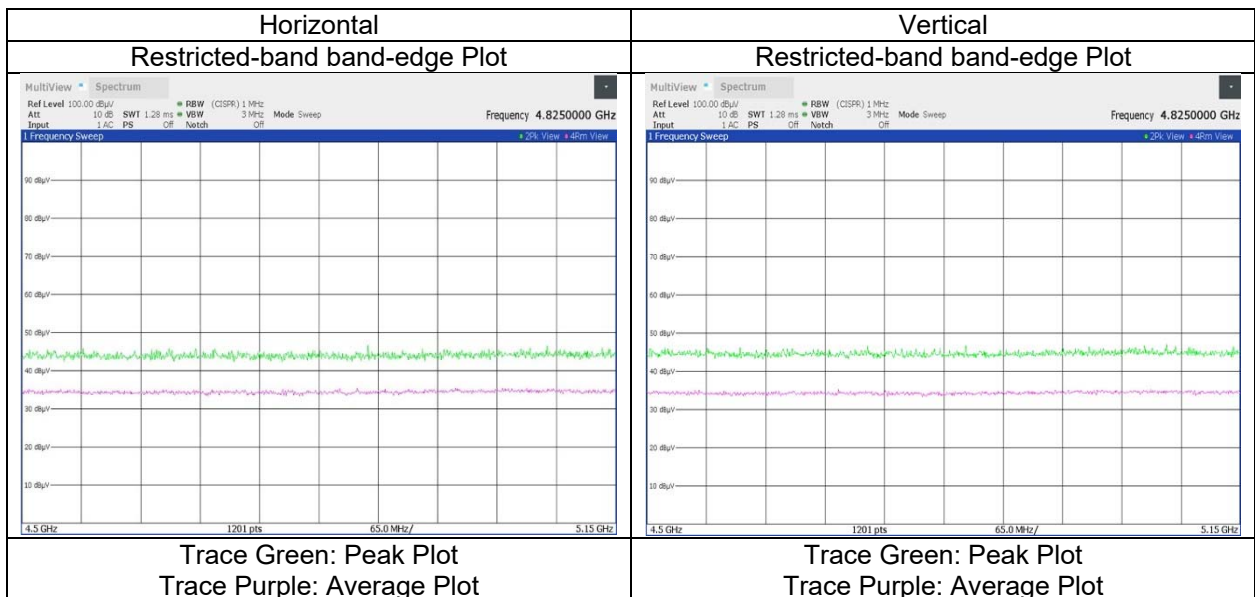
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 484-tone RU, RU Index 65, MIMO 5310 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.27	31.88	-27.12	-	2.22	54.25	73.9	19.6	398	1	-
Vert.	5350.000	PK	47.82	31.88	-27.12	-	2.22	54.80	73.9	19.1	243	355	-

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	35.89	31.88	-27.12	-	0.24	2.22	43.11	53.9	10.7	*1)
Vert.	5350.000	AV	35.96	31.88	-27.12	-	0.24	2.22	43.18	53.9	10.7	*1)

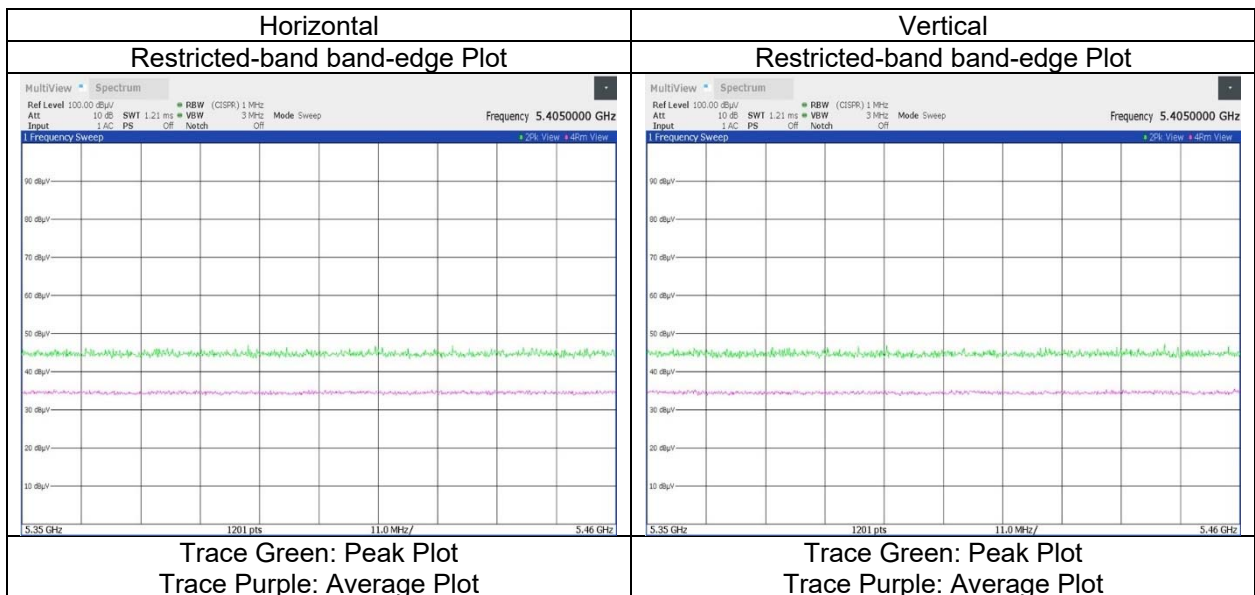
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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-40 (OFDMA), 484-tone RU, RU Index 65, MIMO 5510 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.16	32.30	-26.98	-	2.22	54.70	73.9	19.2	398	355	-
Vert.	5460.000	PK	47.05	32.30	-26.98	-	2.22	54.59	73.9	19.3	360	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) + 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	36.09	32.30	-26.98	-	0.24	2.22	43.87	53.9	10.0 *1)	-
Vert.	5460.000	AV	36.07	32.30	-26.98	-	0.24	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)

(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	47.75	32.35	-26.97	-	-	2.22	55.35	-39.88	-27.0	12.8	398	355	-
Vert.	5470.000	PK	47.39	32.35	-26.97	-	-	2.22	54.99	-40.24	-27.0	13.2	360	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] = $10 * \log((10 * (\text{Result [dBuV/m]} / 20) * 10^{(-6)} * \text{Distance : } 3 [m])^2 / 30 * 10^{(-3)})$

*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 : $20\log(1.00 [m] / 3.0 [m]) = -9.54 [dB]$



* 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-40 (OFDMA), 484-tone RU, RU Index 65, MIMO 5670 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.51	32.98	-26.89	-	-	2.22	55.82	-39.41	-27.0	12.4	353	355	-
Vert.	5725.000	PK	47.11	32.98	-26.89	-	-	2.22	55.42	-39.81	-27.0	12.8	335	5	-

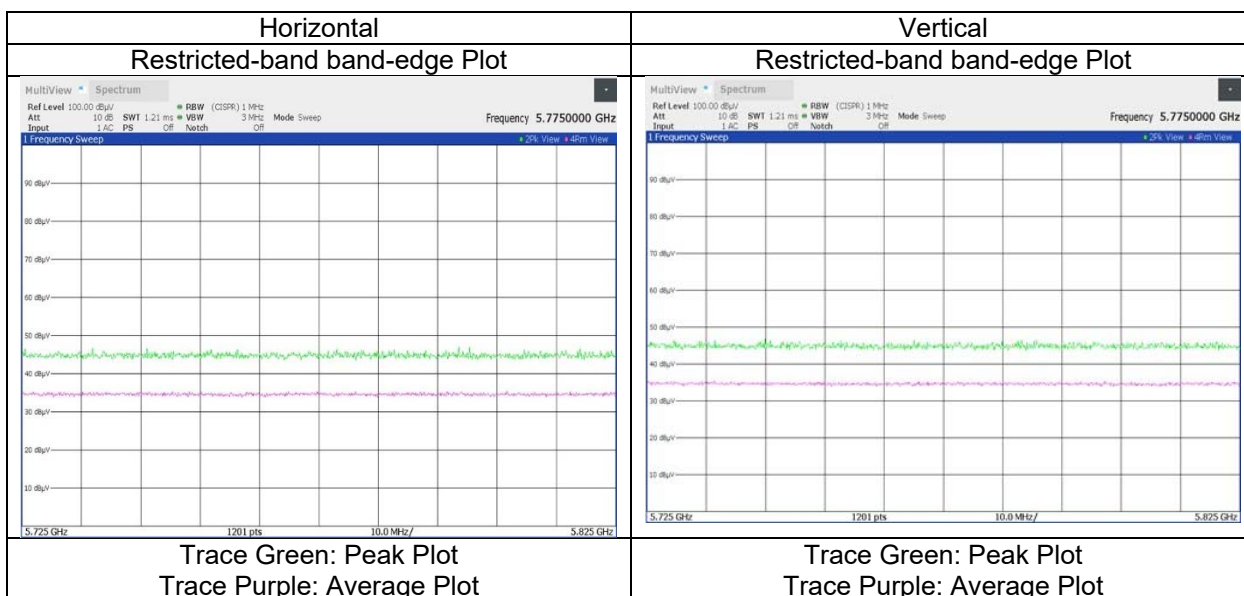
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 484-tone RU, RU Index 65, MIMO 5755 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	47.03	32.99	-26.91	-	-	2.22	55.33	-39.90	-27.0	12.9	352	6	-	-
Hori.	5700.000	PK	47.39	33.00	-26.90	-	-	2.22	55.71	-39.52	10.0	49.5	352	6	-	-
Hori.	5720.000	PK	47.50	32.98	-26.89	-	-	2.22	55.81	-39.42	15.6	55.0	352	6	-	-
Hori.	5725.000	PK	47.65	32.98	-26.89	-	-	2.22	55.96	-39.27	27.0	66.2	352	6	-	-
Vert.	5650.000	PK	46.96	32.99	-26.91	-	-	2.22	55.26	-39.97	-27.0	12.9	292	5	-	-
Vert.	5700.000	PK	47.28	33.00	-26.90	-	-	2.22	55.60	-39.63	10.0	49.6	292	5	-	-
Vert.	5720.000	PK	47.45	32.98	-26.89	-	-	2.22	55.76	-39.47	15.6	55.0	292	5	-	-
Vert.	5725.000	PK	48.31	32.98	-26.89	-	-	2.22	56.62	-38.61	27.0	65.6	292	5	-	-

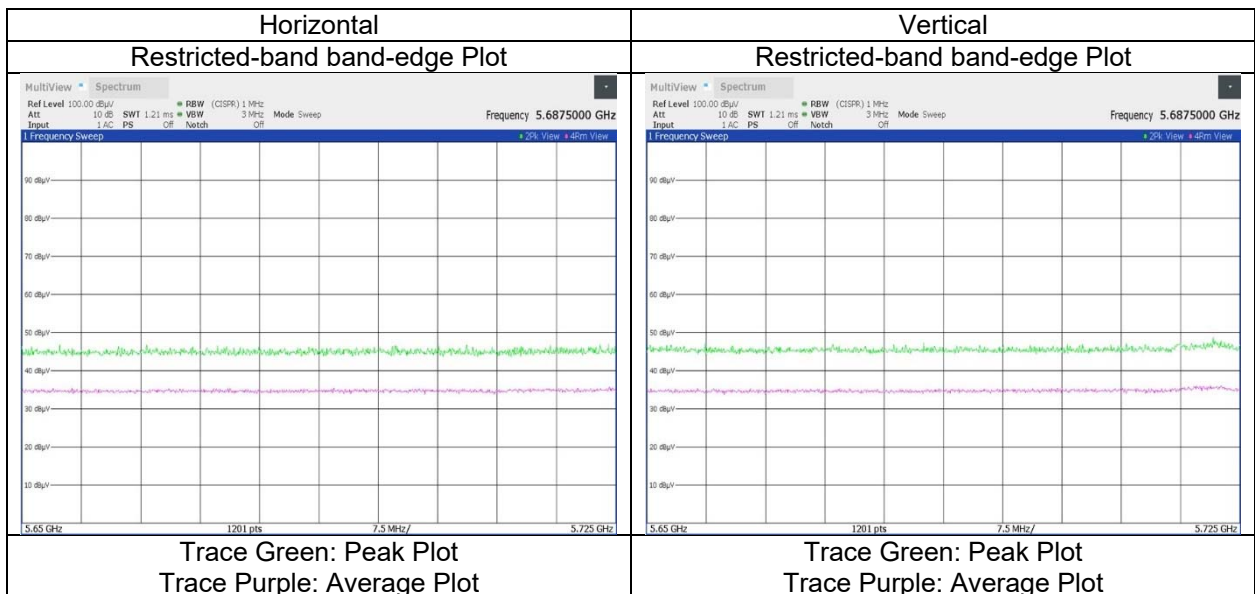
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-40 (OFDMA), 484-tone RU, RU Index 65, MIMO 5795 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 23, 2025	WAC2	20 deg. C	26 % 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	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	5850.000	PK	47.28	32.98	-26.87	-	-	2.22	55.61	-39.62	27.0	66.6	371	359	-	
Hori.	5855.000	PK	47.02	32.99	-26.87	-	-	2.22	55.36	-39.87	15.6	55.4	371	359	-	
Hori.	5875.000	PK	47.41	33.01	-26.87	-	-	2.22	55.77	-39.46	10.0	49.4	371	359	-	
Hori.	5925.000	PK	47.67	33.10	-26.85	-	-	2.22	56.14	-39.09	-27.0	12.0	371	359	-	
Vert.	5850.000	PK	47.55	32.98	-26.87	-	-	2.22	55.88	-39.35	27.0	66.3	253	7	-	
Vert.	5855.000	PK	47.69	32.99	-26.87	-	-	2.22	56.03	-39.20	15.6	54.8	253	7	-	
Vert.	5875.000	PK	47.58	33.01	-26.87	-	-	2.22	55.94	-39.29	10.0	49.2	253	7	-	
Vert.	5925.000	PK	47.12	33.10	-26.85	-	-	2.22	55.59	-39.64	-27.0	12.6	253	7	-	

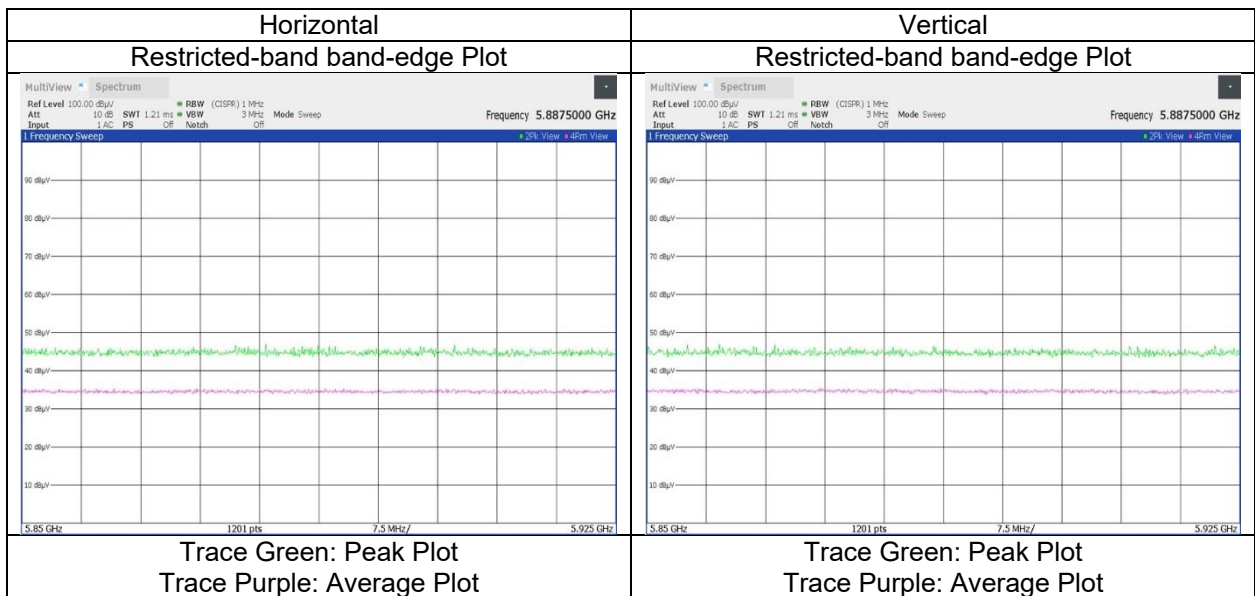
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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 11ac-80, MIMO 5210 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 04, 2025	WAC2	21 deg. C	29 % RH	Shiro Kobayashi	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	44 % RH	Shiro Kobayashi	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	47.65	32.12	-27.36	-	2.22	54.63	73.9	19.2	225	357	-
Hori.	15630.000	PK	47.11	39.37	-31.30	-	-9.54	45.64	73.9	28.2	150	0	Floor Noise
Hori.	20840.000	PK	45.53	40.10	12.70	47.03	-9.54	41.76	73.9	32.1	154	252	-
Hori.	15630.000	AV	36.90	39.37	-31.30	-	-9.54	35.43	53.9	18.4	150	0	Floor Noise
Vert.	5150.000	PK	47.61	32.12	-27.36	-	2.22	54.59	73.9	19.3	100	0	-
Vert.	15630.000	PK	48.45	39.37	-31.30	-	-9.54	46.98	73.9	26.9	150	0	Floor Noise
Vert.	20840.000	PK	46.23	40.10	12.70	47.03	-9.54	42.46	73.9	31.4	161	210	-
Vert.	15630.000	AV	36.81	39.37	-31.30	-	-9.54	35.34	53.9	18.5	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.	5150.000	AV	36.84	32.12	-27.36	-	0.03	2.22	43.85	53.9	10.0	*1)
Hori.	20840.000	AV	39.12	40.10	12.70	47.03	0.03	-9.54	35.38	53.9	18.5	-
Vert.	5150.000	AV	36.80	32.12	-27.36	-	0.03	2.22	43.81	53.9	10.0	*1)
Vert.	20840.000	AV	40.65	40.10	12.70	47.03	0.03	-9.54	36.91	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.	6946.667	PK	48.82	35.84	-35.03	-	-	2.22	51.85	-43.38	-27.0	16.3	400	38	-
Hori.	10420.000	PK	46.59	36.11	-33.18	-	-	-9.54	39.98	-55.25	-27.0	28.2	150	0	Floor Noise
Vert.	6946.667	PK	50.54	35.84	-35.03	-	-	2.22	53.57	-41.66	-27.0	14.6	330	32	-
Vert.	10420.000	PK	46.26	36.11	-33.18	-	-	-9.54	39.65	-55.58	-27.0	28.5	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) + Duty Fac. + Distance Fac.

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

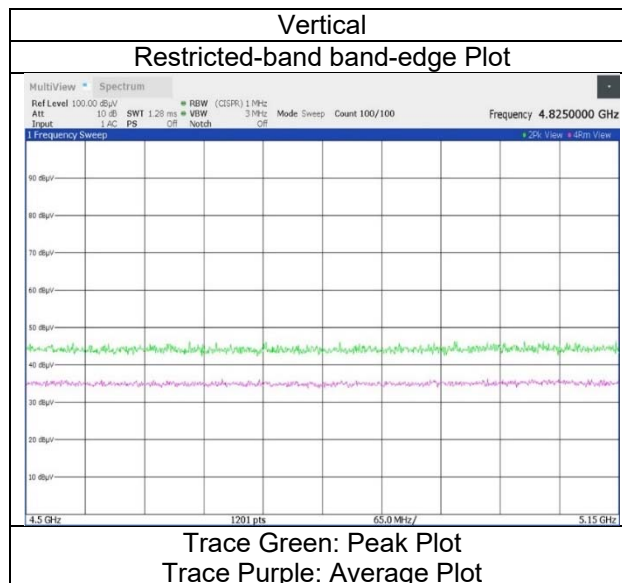
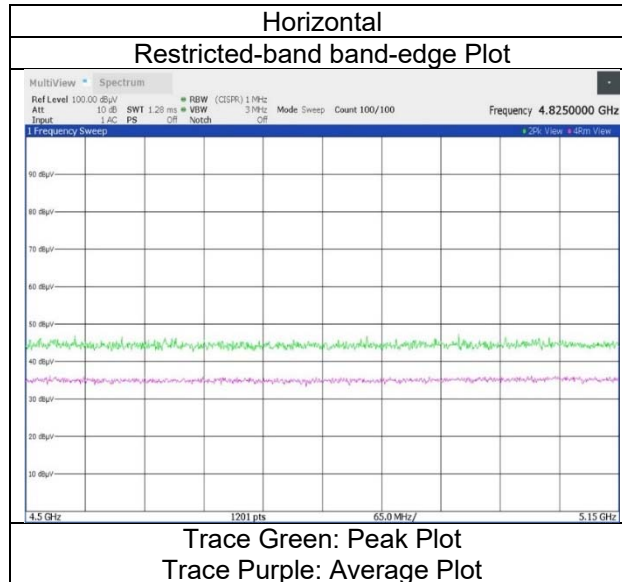
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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 11ac-80, MIMO 5210 MHz				
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-80, MIMO 5290 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 04, 2025	WAC2	21 deg. C	29 % RH	Shiro Kobayashi	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	44 % RH	Shiro Kobayashi	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.	5350.000	PK	47.56	31.88	-27.12	-	2.22	54.54	73.9	19.3	398	352	-
Hori.	15870.000	PK	46.78	39.58	-31.44	-	-9.54	45.38	73.9	28.5	150	0	Floor Noise
Hori.	21160.000	PK	46.11	40.07	12.81	47.06	-9.54	42.39	73.9	31.5	140	198	-
Hori.	15870.000	AV	36.60	39.58	-31.44	-	-9.54	35.20	53.9	18.7	150	0	Floor Noise
Vert.	5350.000	PK	47.73	31.88	-27.12	-	2.22	54.71	73.9	19.1	234	346	-
Vert.	15870.000	PK	47.13	39.58	-31.44	-	-9.54	45.73	73.9	28.1	150	0	Floor Noise
Vert.	21160.000	PK	45.44	40.07	12.81	47.06	-9.54	41.72	73.9	32.1	163	65	-
Vert.	15870.000	AV	36.50	39.58	-31.44	-	-9.54	35.10	53.9	18.8	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) + 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	-	0.03	2.22	43.32	53.9	10.5	*1)
Hori.	21160.000	AV	40.15	40.07	12.81	47.06	0.03	-9.54	36.46	53.9	17.4	-
Vert.	5350.000	AV	36.57	31.88	-27.12	-	0.03	2.22	43.58	53.9	10.3	*1)
Vert.	21160.000	AV	37.51	40.07	12.81	47.06	0.03	-9.54	33.82	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 : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

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.	7053.333	PK	48.00	35.80	-34.95	-	-	2.22	51.07	-44.16	-27.0	17.1	400	41	-
Hori.	10580.000	PK	47.02	36.69	-33.02	-	-	-9.54	41.15	-54.08	-27.0	27.0	150	0	Floor Noise
Vert.	7053.333	PK	49.04	35.80	-34.95	-	-	2.22	52.11	-43.12	-27.0	16.1	308	34	-
Vert.	10580.000	PK	46.91	36.69	-33.02	-	-	-9.54	41.04	-54.19	-27.0	27.1	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) + Duty Fac. + Distance Fac.

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

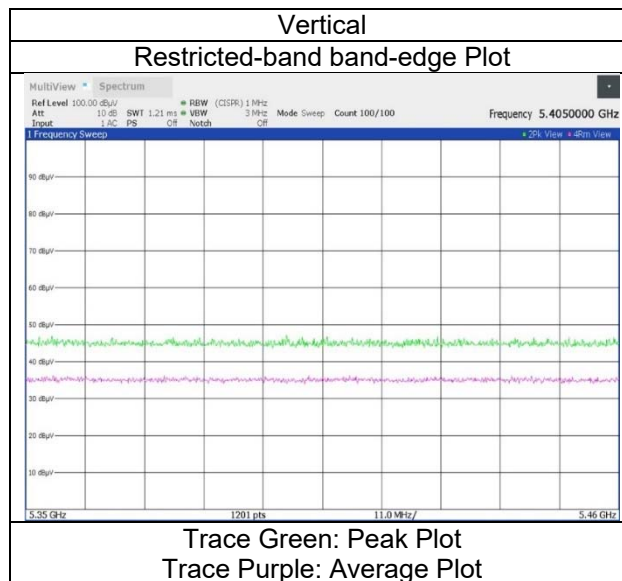
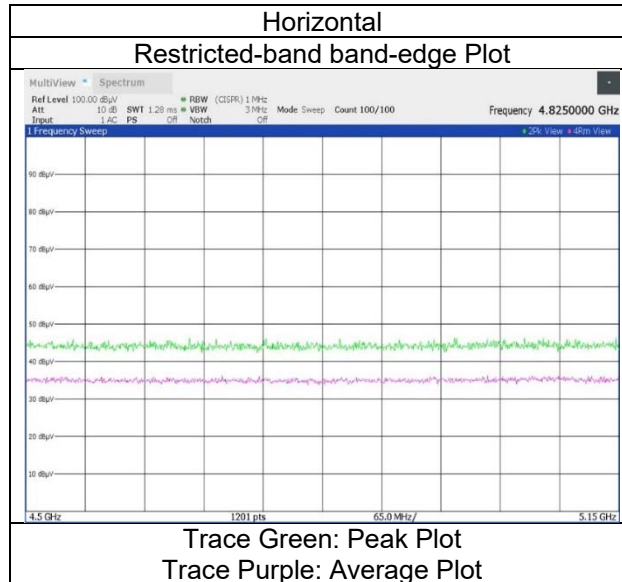
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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 11ac-80, MIMO 5290 MHz				
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-80, MIMO 5530 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 04, 2025	WAC2	21 deg. C	29 % RH	Shiro Kobayashi	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	44 % RH	Shiro Kobayashi	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	47.14	32.30	-26.98	-	2.22	54.68	73.9	19.2	393	6	-
Hori.	11060.000	PK	46.67	37.12	-32.80	-	-9.54	41.45	73.9	32.4	150	0	Floor Noise
Hori.	22120.000	PK	47.98	40.27	13.13	47.32	-9.54	44.52	73.9	29.3	167	268	-
Hori.	11060.000	AV	36.01	37.12	-32.80	-	-9.54	30.79	53.9	23.1	150	0	Floor Noise
Vert.	5460.000	PK	47.62	32.30	-26.98	-	2.22	55.16	73.9	18.7	375	7	-
Vert.	11060.000	PK	46.83	37.12	-32.80	-	-9.54	41.61	73.9	32.2	150	0	Floor Noise
Vert.	22120.000	PK	47.20	40.27	13.13	47.32	-9.54	43.74	73.9	30.1	134	257	-
Vert.	11060.000	AV	35.98	37.12	-32.80	-	-9.54	30.76	53.9	23.1	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.	5460.000	AV	36.45	32.30	-26.98	-	0.03	2.22	44.02	53.9	9.8 *1)	-
Hori.	22120.000	AV	42.80	40.27	13.13	47.32	0.03	-9.54	39.37	53.9	14.5	-
Vert.	5460.000	AV	36.33	32.30	-26.98	-	0.03	2.22	43.90	53.9	10.0 *1)	-
Vert.	22120.000	AV	42.68	40.27	13.13	47.32	0.03	-9.54	39.25	53.9	14.6	-

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)

(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	47.40	32.35	-26.97	-	-	2.22	55.00	-40.23	-27.0	13.2	393	6	-
Hori.	16590.000	PK	47.53	39.39	-30.72	-	-	-9.54	46.66	-48.57	-27.0	21.5	150	0	Floor Noise
Vert.	5470.000	PK	47.87	32.35	-26.97	-	-	2.22	55.47	-39.76	-27.0	12.7	375	7	-
Vert.	16590.000	PK	47.71	39.39	-30.72	-	-	-9.54	46.84	-48.39	-27.0	21.3	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) + Duty Fac. + Distance Fac.

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

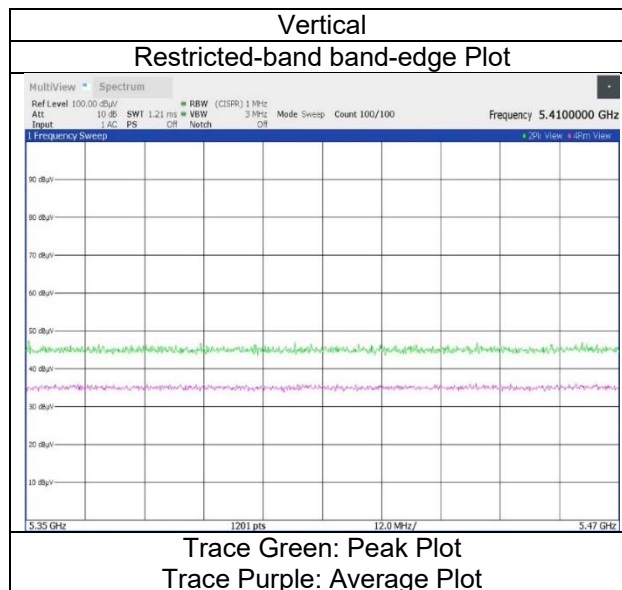
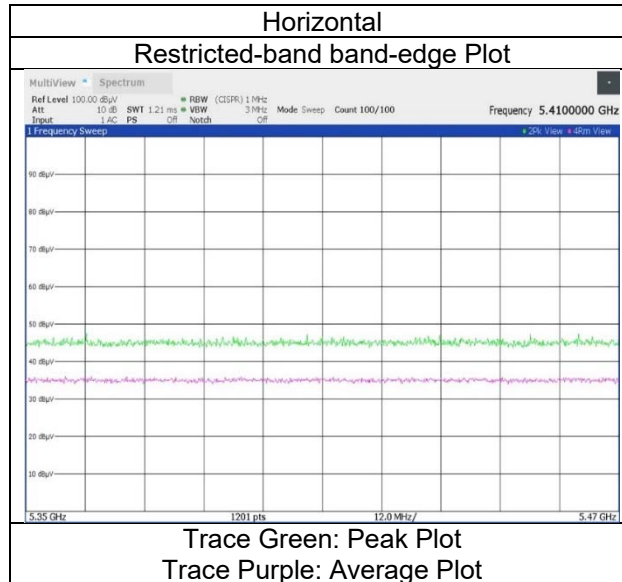
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-80, MIMO 5530 MHz				
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-80, MIMO 5610 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 04, 2025	WAC2	21 deg. C	29 % RH	Shiro Kobayashi	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	44 % RH	Shiro Kobayashi	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.	11220.000	PK	47.15	37.21	-32.75	-	-9.54	42.07	73.9	31.8	150	0	Floor Noise
Hori.	22440.000	PK	47.41	40.26	13.25	47.32	-9.54	44.06	73.9	29.8	154	209	-
Hori.	11220.000	AV	36.09	37.21	-32.75	-	-9.54	31.01	53.9	22.8	150	0	Floor Noise
Vert.	11220.000	PK	46.55	37.21	-32.75	-	-9.54	41.47	73.9	32.4	150	0	Floor Noise
Vert.	22440.000	PK	46.11	40.26	13.25	47.32	-9.54	42.76	73.9	31.1	152	146	-
Vert.	11220.000	AV	36.02	37.21	-32.75	-	-9.54	30.94	53.9	22.9	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) + 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.	22440.000	AV	41.88	40.26	13.25	47.32	0.03	-9.54	38.56	53.9	15.3	-
Vert.	22440.000	AV	39.30	40.26	13.25	47.32	0.03	-9.54	35.98	53.9	17.9	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) + 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.

(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	47.63	32.98	-26.89	-	-	2.22	55.94	-39.29	-27.0	12.2	388	3	-
Hori.	16830.000	PK	47.19	39.11	-30.52	-	-	-9.54	46.24	-48.99	-27.0	21.9	150	0	Floor Noise
Vert.	5725.000	PK	48.28	32.98	-26.89	-	-	2.22	56.59	-38.64	-27.0	11.6	252	344	-
Vert.	16830.000	PK	47.46	39.11	-30.52	-	-	-9.54	46.51	-48.72	-27.0	21.7	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] = $10 * \log((10 * (\text{Result [dBuV/m]} / 20) * 10^{(-6)} * \text{Distance : 3 [m]})^2 / 30 * 10^{-3})$

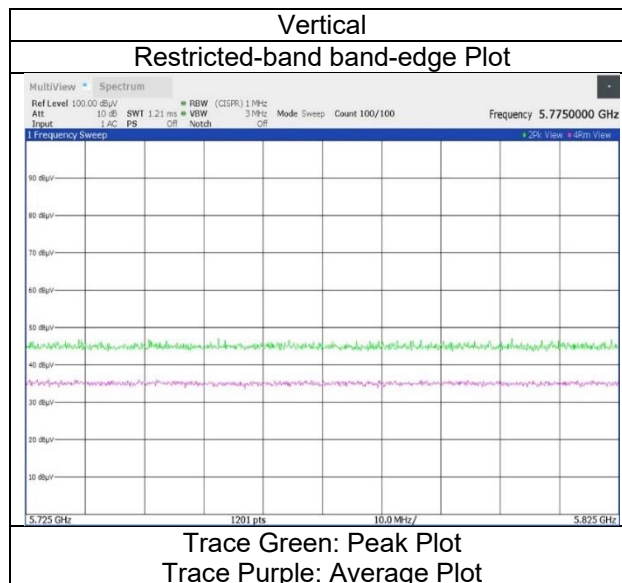
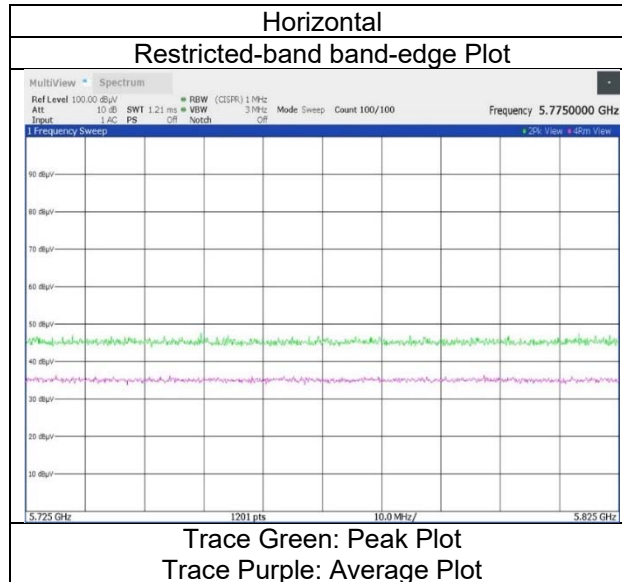
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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 11ac-80, MIMO 5610 MHz				
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-80, MIMO 5775 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 04, 2025	WAC2	21 deg. C	29 % RH	Shiro Kobayashi	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	44 % RH	Shiro Kobayashi	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.	11550.000	PK	46.79	37.50	-32.67	-	-9.54	42.08	73.9	31.8	150	0	Floor Noise
Hori.	23100.000	PK	45.95	40.14	13.41	47.04	-9.54	42.92	73.9	30.9	143	196	-
Hori.	11550.000	AV	35.90	37.50	-32.67	-	-9.54	31.19	53.9	22.7	150	0	Floor Noise
Vert.	11550.000	PK	47.33	37.50	-32.67	-	-9.54	42.62	73.9	31.2	150	0	Floor Noise
Vert.	23100.000	PK	45.87	40.14	13.41	47.04	-9.54	42.84	73.9	31.0	157	210	-
Vert.	11550.000	AV	35.98	37.50	-32.67	-	-9.54	31.27	53.9	22.6	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 : $20\log(3.87 [m] / 3.0 [m]) = 2.22 [dB]$

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.	23100.000	AV	40.49	40.14	13.41	47.04	0.03	-9.54	37.49	53.9	16.4	-
Vert.	23100.000	AV	40.31	40.14	13.41	47.04	0.03	-9.54	37.31	53.9	16.5	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) + 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.

(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	48.33	32.99	-26.91	-	-	2.22	56.63	-38.60	-27.0	11.6	386	352	-
Hori.	5700.000	PK	48.12	33.00	-26.90	-	-	2.22	56.44	-38.79	10.0	48.7	386	352	-
Hori.	5720.000	PK	48.31	32.98	-26.89	-	-	2.22	56.62	-38.61	15.6	54.2	386	352	-
Hori.	5725.000	PK	51.41	32.98	-26.89	-	-	2.22	59.72	-35.51	27.0	62.5	386	352	-
Hori.	5850.000	PK	48.19	32.98	-26.87	-	-	2.22	56.52	-38.71	27.0	65.7	386	352	-
Hori.	5855.000	PK	47.53	32.99	-26.87	-	-	2.22	55.87	-39.36	15.6	54.9	386	352	-
Hori.	5875.000	PK	47.36	33.01	-26.87	-	-	2.22	55.72	-39.51	10.0	49.5	386	352	-
Hori.	5925.000	PK	47.12	33.10	-26.85	-	-	2.22	55.59	-39.64	-27.0	12.6	386	352	-
Hori.	17325.000	PK	47.53	40.04	-30.04	-	-	-9.54	47.99	-47.24	-27.0	20.2	150	0	Floor Noise
Vert.	5650.000	PK	47.69	32.99	-26.91	-	-	2.22	55.99	-39.24	-27.0	12.2	248	7	-
Vert.	5700.000	PK	47.64	33.00	-26.90	-	-	2.22	55.96	-39.27	10.0	49.2	248	7	-
Vert.	5720.000	PK	50.08	32.98	-26.89	-	-	2.22	58.39	-36.84	15.6	52.4	248	7	-
Vert.	5725.000	PK	55.45	32.98	-26.89	-	-	2.22	63.76	-31.47	27.0	58.4	248	7	-
Vert.	5850.000	PK	47.56	32.98	-26.87	-	-	2.22	55.89	-39.34	27.0	66.3	248	7	-
Vert.	5855.000	PK	47.84	32.99	-26.87	-	-	2.22	56.18	-39.05	15.6	54.6	248	7	-
Vert.	5875.000	PK	47.32	33.01	-26.87	-	-	2.22	55.68	-39.55	10.0	49.5	248	7	-
Vert.	5925.000	PK	47.38	33.10	-26.85	-	-	2.22	55.85	-39.38	-27.0	12.3	248	7	-
Vert.	17325.000	PK	47.50	40.04	-30.04	-	-	-9.54	47.96	-47.27	-27.0	20.2	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] = $10 * \log((10^{(Result [dBuV/m] / 20)} * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{(-3)})$

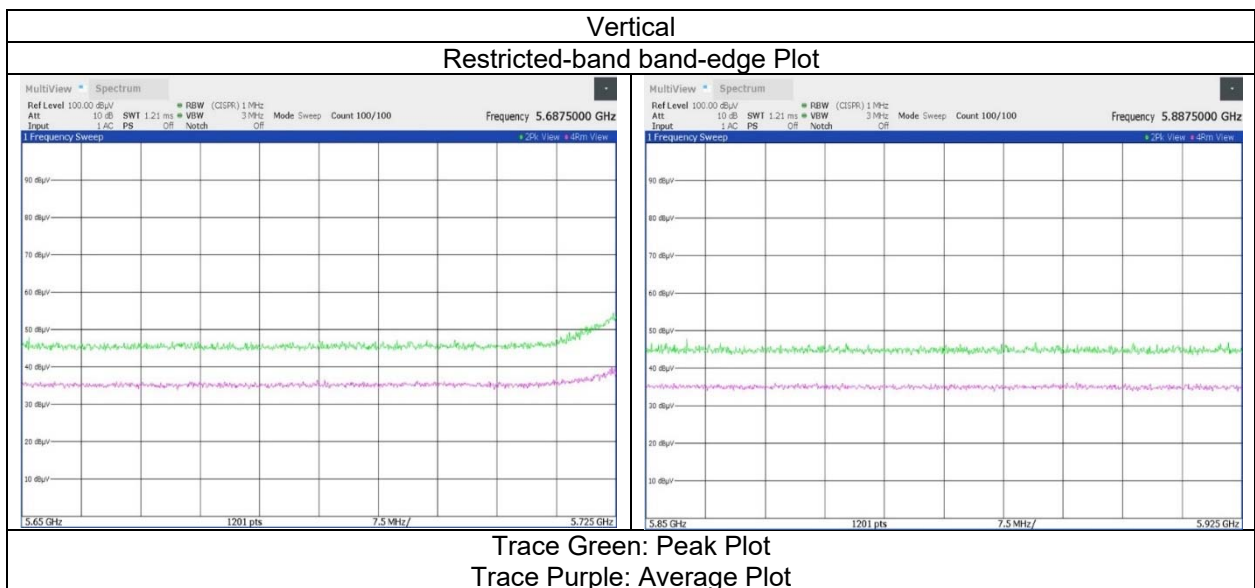
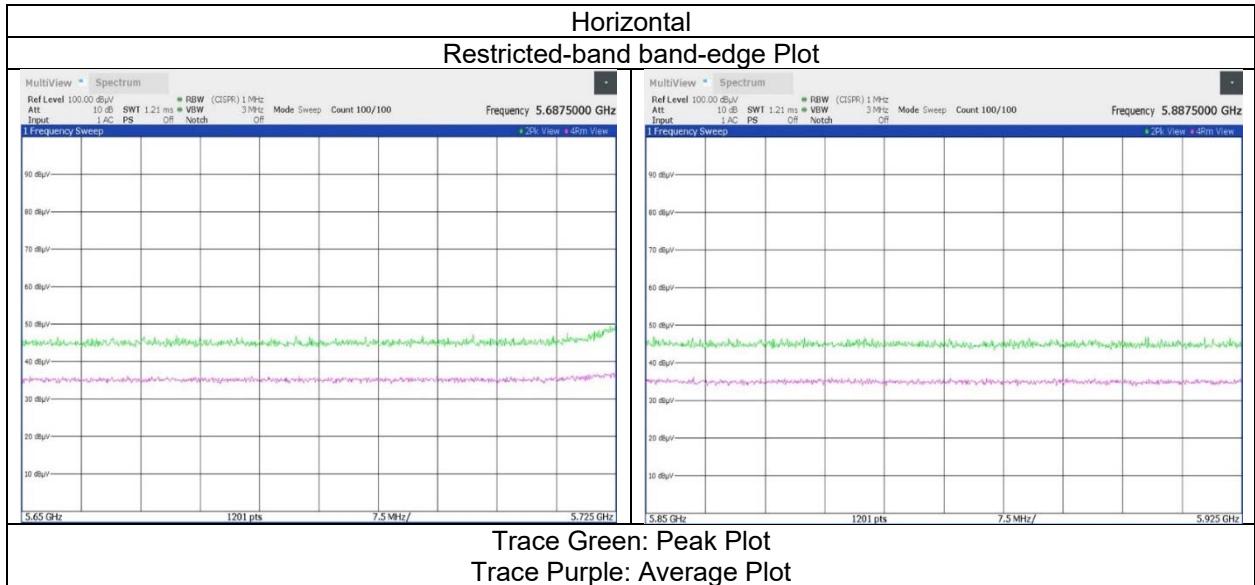
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ac-80, MIMO 5775 MHz				
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-80 (OFDM), MIMO 5210 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 04, 2025	WAC2	21 deg. C	29 % RH	Shiro Kobayashi	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	47.60	32.12	-27.36	-	2.22	54.58	73.9	19.3	394	350	-
Hori.	15630.000	PK	48.03	39.37	-31.30	-	-9.54	46.56	73.9	27.3	150	0	Floor Noise
Hori.	20840.000	PK	45.07	40.10	12.70	47.03	-9.54	41.30	73.9	32.6	157	251	-
Hori.	15630.000	AV	38.00	39.37	-31.30	-	-9.54	36.53	53.9	17.3	150	0	Floor Noise
Vert.	5150.000	PK	47.89	32.12	-27.36	-	2.22	54.87	73.9	19.0	212	352	-
Vert.	15630.000	PK	48.87	39.37	-31.30	-	-9.54	47.40	73.9	26.5	150	0	Floor Noise
Vert.	20840.000	PK	45.44	40.10	12.70	47.03	-9.54	41.67	73.9	32.2	158	339	-
Vert.	15630.000	AV	37.78	39.37	-31.30	-	-9.54	36.31	53.9	17.5	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.	5150.000	AV	36.73	32.12	-27.36	-	0.03	2.22	43.74	53.9	10.1	*1)
Hori.	20840.000	AV	38.49	40.10	12.70	47.03	0.03	-9.54	34.75	53.9	19.1	-
Vert.	5150.000	AV	36.62	32.12	-27.36	-	0.03	2.22	43.63	53.9	10.2	*1)
Vert.	20840.000	AV	38.89	40.10	12.70	47.03	0.03	-9.54	35.15	53.9	18.7	-

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 : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

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.	6946.667	PK	49.44	35.84	-35.03	-	-	2.22	52.47	-42.76	-27.0	15.7	395	38	-
Hori.	10420.000	PK	47.11	36.11	-33.18	-	-	-9.54	40.50	-54.73	-27.0	27.7	150	0	Floor Noise
Vert.	6946.667	PK	50.60	35.84	-35.03	-	-	2.22	53.63	-41.60	-27.0	14.6	332	16	-
Vert.	10420.000	PK	47.53	36.11	-33.18	-	-	-9.54	40.92	-54.31	-27.0	27.3	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) + Duty Fac. + Distance Fac.

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

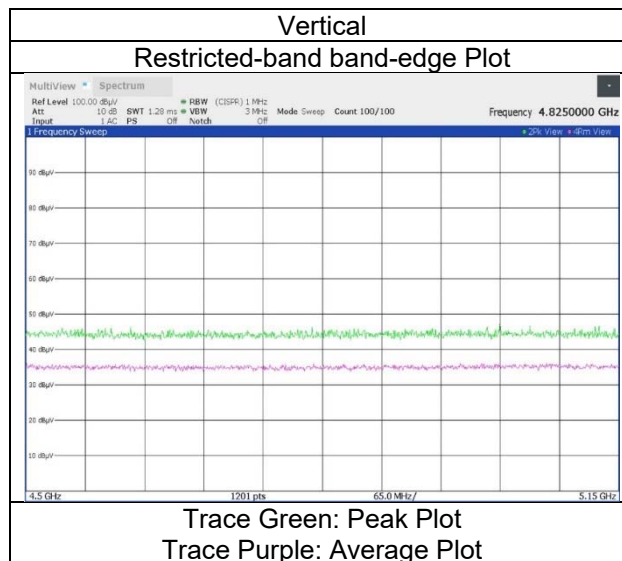
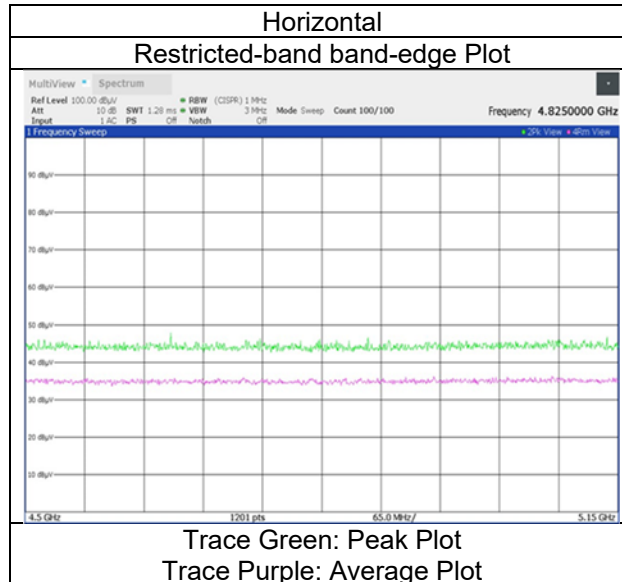
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-80 (OFDM), MIMO 5210 MHz				
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-80 (OFDM), MIMO 5290 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.	5350.000	PK	47.93	31.88	-27.12	-	2.22	54.91	73.9	18.9	398	351	-
Hori.	15870.000	PK	47.42	39.58	-31.44	-	-9.54	46.02	73.9	27.8	150	0	Floor Noise
Hori.	21160.000	PK	46.06	40.07	12.81	47.06	-9.54	42.34	73.9	31.5	149	197	-
Hori.	15870.000	AV	36.99	39.58	-31.44	-	-9.54	35.59	53.9	18.3	150	0	Floor Noise
Vert.	5350.000	PK	48.50	31.88	-27.12	-	2.22	55.48	73.9	18.4	216	348	-
Vert.	15870.000	PK	48.15	39.58	-31.44	-	-9.54	46.75	73.9	27.1	150	0	Floor Noise
Vert.	21160.000	PK	44.83	40.07	12.81	47.06	-9.54	41.11	73.9	32.7	156	321	-
Vert.	15870.000	AV	37.08	39.58	-31.44	-	-9.54	35.68	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 : 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.	5350.000	AV	36.30	31.88	-27.12	-	0.03	2.22	43.31	53.9	10.5	*1)
Hori.	21160.000	AV	39.89	40.07	12.81	47.06	0.03	-9.54	36.20	53.9	17.7	-
Vert.	5350.000	AV	36.49	31.88	-27.12	-	0.03	2.22	43.50	53.9	10.4	*1)
Vert.	21160.000	AV	37.21	40.07	12.81	47.06	0.03	-9.54	33.52	53.9	20.3	-

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.

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)

(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.	7053.333	PK	47.38	35.80	-34.95	-	-	2.22	50.45	-44.78	-27.0	17.7	368	43	-
Hori.	10580.000	PK	47.33	36.69	-33.02	-	-	-9.54	41.46	-53.77	-27.0	26.7	150	0	Floor Noise
Vert.	7053.333	PK	49.09	35.80	-34.95	-	-	2.22	52.16	-43.07	-27.0	16.0	399	16	-
Vert.	10580.000	PK	48.26	36.69	-33.02	-	-	-9.54	42.39	-52.84	-27.0	25.8	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 * LOG ((10 ^ (Result [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

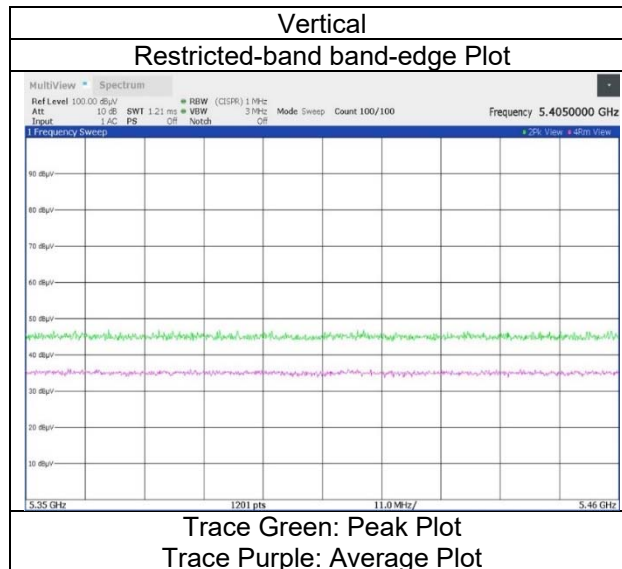
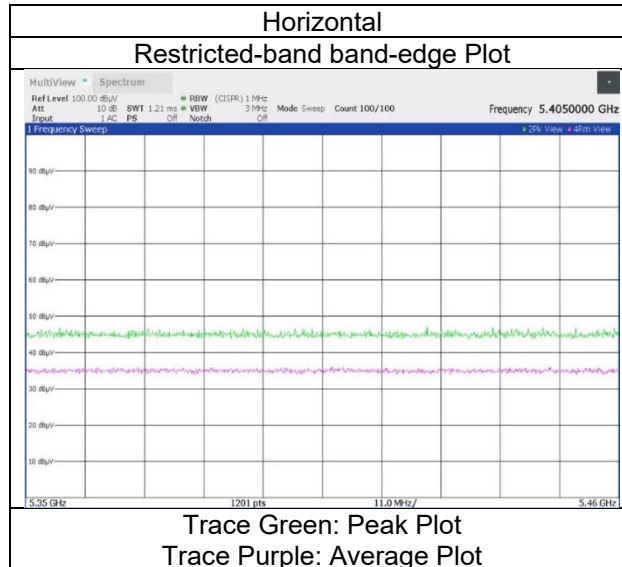
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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 (OFDM), MIMO 5290 MHz				
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-80 (OFDM), MIMO 5530 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.	5460.000	PK	48.35	32.30	-26.98	-	2.22	55.89	73.9	18.0	368	355	-
Hori.	11060.000	PK	47.33	37.12	-32.80	-	-9.54	42.11	73.9	31.7	150	0	Floor Noise
Hori.	22120.000	PK	48.14	40.27	13.13	47.32	-9.54	44.68	73.9	29.2	164	268	-
Hori.	11060.000	AV	37.13	37.12	-32.80	-	-9.54	31.91	53.9	21.9	150	0	Floor Noise
Vert.	5460.000	PK	47.73	32.30	-26.98	-	2.22	55.27	73.9	18.6	379	9	-
Vert.	11060.000	PK	48.26	37.12	-32.80	-	-9.54	43.04	73.9	30.8	150	0	Floor Noise
Vert.	22120.000	PK	47.89	40.27	13.13	47.32	-9.54	44.43	73.9	29.4	129	257	-
Vert.	11060.000	AV	36.75	37.12	-32.80	-	-9.54	31.53	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	36.29	32.30	-26.98	-	0.03	2.22	43.86	53.9	10.0	*1)
Hori.	22120.000	AV	43.18	40.27	13.13	47.32	0.03	-9.54	39.75	53.9	14.1	-
Vert.	5460.000	AV	36.62	32.30	-26.98	-	0.03	2.22	44.19	53.9	9.7	*1)
Vert.	22120.000	AV	43.26	40.27	13.13	47.32	0.03	-9.54	39.83	53.9	14.0	-

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 : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

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	47.44	32.35	-26.97	-	-	2.22	55.04	-40.19	-27.0	13.1	368	355	-
Hori.	16590.000	PK	47.42	39.39	-30.72	-	-	-9.54	46.55	-48.68	-27.0	21.6	150	0	Floor Noise
Vert.	5470.000	PK	47.35	32.35	-26.97	-	-	2.22	54.95	-40.28	-27.0	13.2	379	9	-
Vert.	16590.000	PK	48.15	39.39	-30.72	-	-	-9.54	47.28	-47.95	-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] = $10 * \log((10 * (\text{Result [dBuV/m]} / 20) * 10^{(-6)} * \text{Distance : 3 [m]})^2 / 30 * 10^{(-3)})$

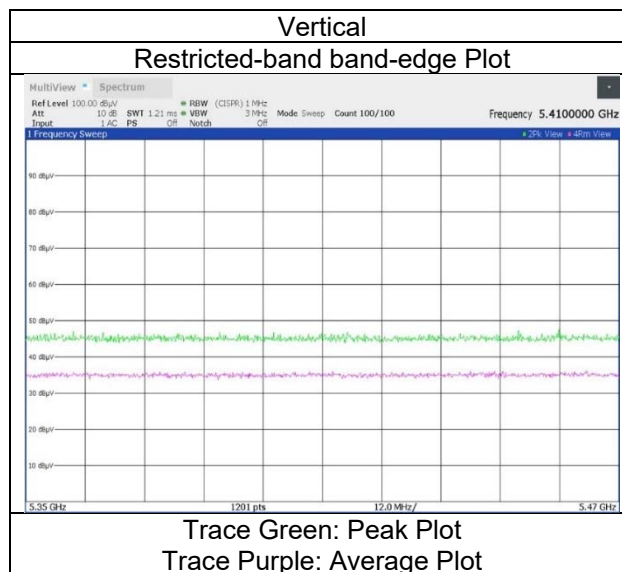
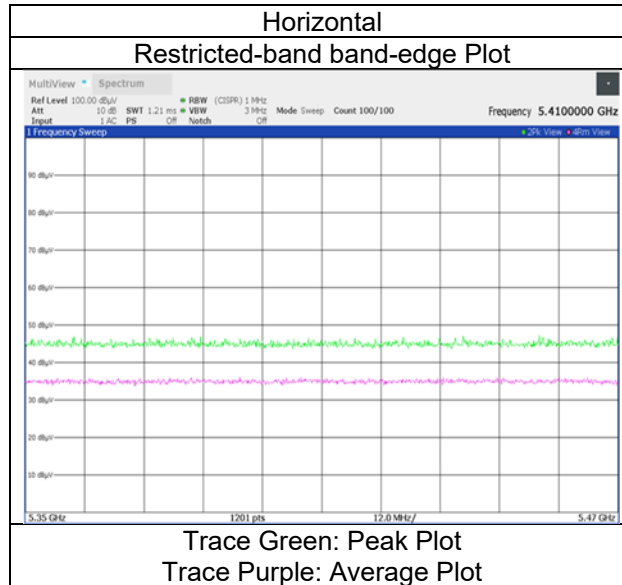
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-80 (OFDM), MIMO 5530 MHz				
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-80 (OFDM), MIMO 5610 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.	11220.000	PK	47.13	37.21	-32.75	-	-9.54	42.05	73.9	31.8	150	0	Floor Noise
Hori.	22440.000	PK	46.74	40.26	13.25	47.32	-9.54	43.39	73.9	30.5	158	209	-
Hori.	11220.000	AV	36.52	37.21	-32.75	-	-9.54	31.44	53.9	22.4	150	0	Floor Noise
Vert.	11220.000	PK	47.18	37.21	-32.75	-	-9.54	42.10	73.9	31.8	150	0	Floor Noise
Vert.	22440.000	PK	46.07	40.26	13.25	47.32	-9.54	42.72	73.9	31.1	149	249	-
Vert.	11220.000	AV	36.62	37.21	-32.75	-	-9.54	31.54	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.	22440.000	AV	41.62	40.26	13.25	47.32	0.03	-9.54	38.30	53.9	15.6	-
Vert.	22440.000	AV	39.68	40.26	13.25	47.32	0.03	-9.54	36.36	53.9	17.5	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) + 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.

(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	47.25	32.98	-26.89	-	-	2.22	55.56	-39.67	-27.0	12.6	400	358	-
Hori.	16830.000	PK	48.45	39.11	-30.52	-	-	-9.54	47.50	-47.73	-27.0	20.7	150	0	Floor Noise
Vert.	5725.000	PK	47.91	32.98	-26.89	-	-	2.22	56.22	-39.01	-27.0	12.0	311	4	-
Vert.	16830.000	PK	47.82	39.11	-30.52	-	-	-9.54	46.87	-48.36	-27.0	21.3	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) + Duty Fac. + Distance Fac.

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

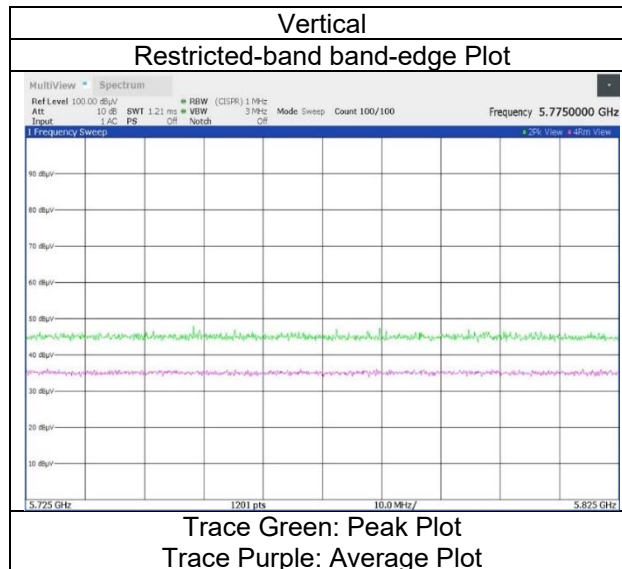
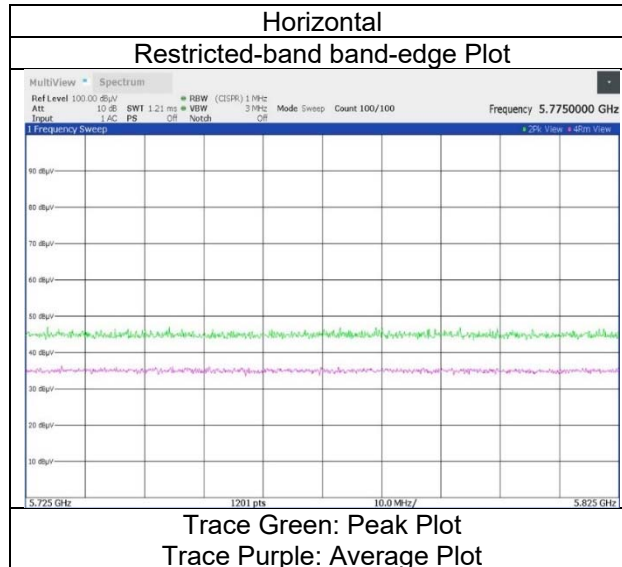
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-80 (OFDM), MIMO 5610 MHz				
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-80 (OFDM), MIMO 5775 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.	11550.000	PK	47.41	37.50	-32.67	-	-9.54	42.70	73.9	31.2	150	0	Floor Noise
Hori.	23100.000	PK	46.25	40.14	13.41	47.04	-9.54	43.22	73.9	30.6	156	265	-
Hori.	11550.000	AV	36.59	37.50	-32.67	-	-9.54	31.88	53.9	22.0	150	0	Floor Noise
Vert.	11550.000	PK	47.47	37.50	-32.67	-	-9.54	42.76	73.9	31.1	150	0	Floor Noise
Vert.	23100.000	PK	46.22	40.14	13.41	47.04	-9.54	43.19	73.9	30.7	193	252	-
Vert.	11550.000	AV	36.48	37.50	-32.67	-	-9.54	31.77	53.9	22.1	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 : 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.	23100.000	AV	40.21	40.14	13.41	47.04	0.03	-9.54	37.21	53.9	16.6	-
Vert.	23100.000	AV	40.00	40.14	13.41	47.04	0.03	-9.54	37.00	53.9	16.9	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) + 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.

(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	397	3	-
Hori.	5700.000	PK	47.79	33.00	-26.90	-	-	2.22	56.11	-39.12	10.0	49.1	397	3	-
Hori.	5720.000	PK	47.90	32.98	-26.89	-	-	2.22	56.21	-39.02	15.6	54.6	397	3	-
Hori.	5725.000	PK	51.39	32.98	-26.89	-	-	2.22	59.70	-35.53	27.0	62.5	397	3	-
Hori.	5850.000	PK	47.36	32.98	-26.87	-	-	2.22	55.69	-39.54	27.0	66.5	397	3	-
Hori.	5855.000	PK	47.56	32.99	-26.87	-	-	2.22	55.90	-39.33	15.6	54.9	397	3	-
Hori.	5875.000	PK	47.50	33.01	-26.87	-	-	2.22	55.86	-39.37	10.0	49.3	397	3	-
Hori.	5925.000	PK	47.44	33.10	-26.85	-	-	2.22	55.91	-39.32	-27.0	12.3	397	3	-
Hori.	17325.000	PK	47.93	40.04	-30.04	-	-	-9.54	48.39	-46.84	-27.0	19.8	150	0	Floor Noise
Vert.	5650.000	PK	47.61	32.99	-26.91	-	-	2.22	55.91	-39.32	-27.0	12.3	307	6	-
Vert.	5700.000	PK	47.68	33.00	-26.90	-	-	2.22	56.00	-39.23	10.0	49.2	307	6	-
Vert.	5720.000	PK	48.80	32.98	-26.89	-	-	2.22	57.11	-38.12	15.6	53.7	307	6	-
Vert.	5725.000	PK	54.63	32.98	-26.89	-	-	2.22	62.94	-32.29	27.0	59.2	307	6	-
Vert.	5850.000	PK	47.29	32.98	-26.87	-	-	2.22	55.62	-39.61	27.0	66.6	307	6	-
Vert.	5855.000	PK	46.98	32.99	-26.87	-	-	2.22	55.32	-39.91	15.6	55.5	307	6	-
Vert.	5875.000	PK	47.42	33.01	-26.87	-	-	2.22	55.78	-39.45	10.0	49.4	307	6	-
Vert.	5925.000	PK	47.19	33.10	-26.85	-	-	2.22	55.66	-39.57	-27.0	12.5	307	6	-
Vert.	17325.000	PK	47.61	40.04	-30.04	-	-	-9.54	48.07	-47.16	-27.0	20.1	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 * LOG ((10 ^ (Result [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

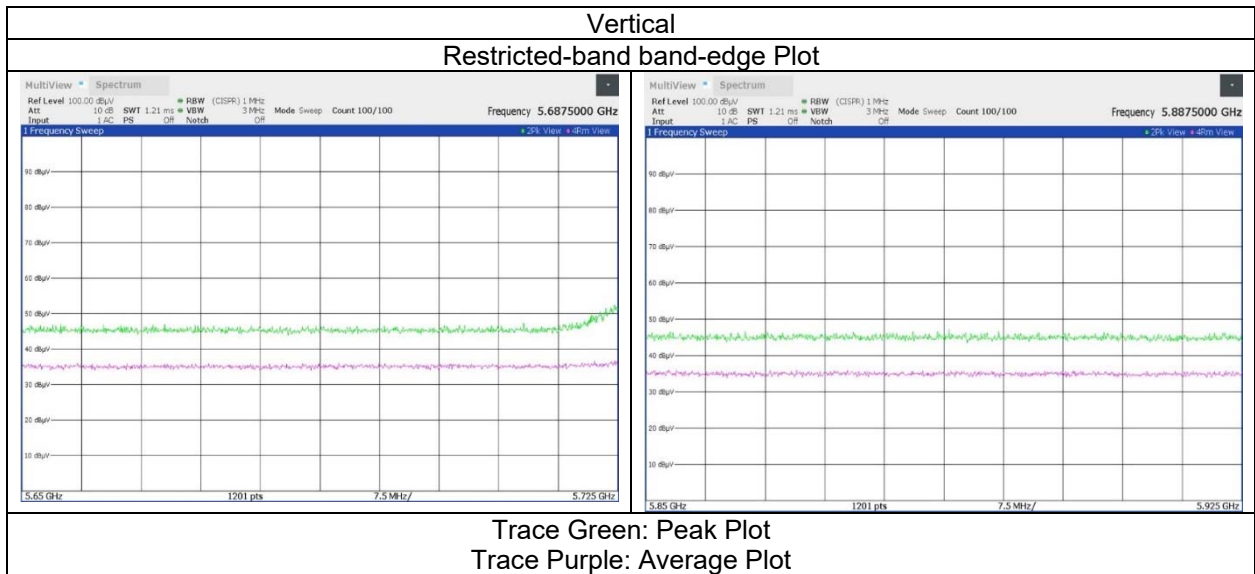
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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 (OFDM), MIMO 5775 MHz				
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-80 (OFDMA), 26-tone RU, RU Index 0, MIMO 5210 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Makoto Hosaka	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	48.46	32.12	-27.36	-	2.22	55.44	73.9	18.4	393	342	-
Vert.	5150.000	PK	48.11	32.12	-27.36	-	2.22	55.09	73.9	18.8	221	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	36.55	32.12	-27.36	-	0.23	2.22	43.76	53.9	10.1	*1)
Vert.	5150.000	AV	36.81	32.12	-27.36	-	0.23	2.22	44.02	53.9	9.8	*1)

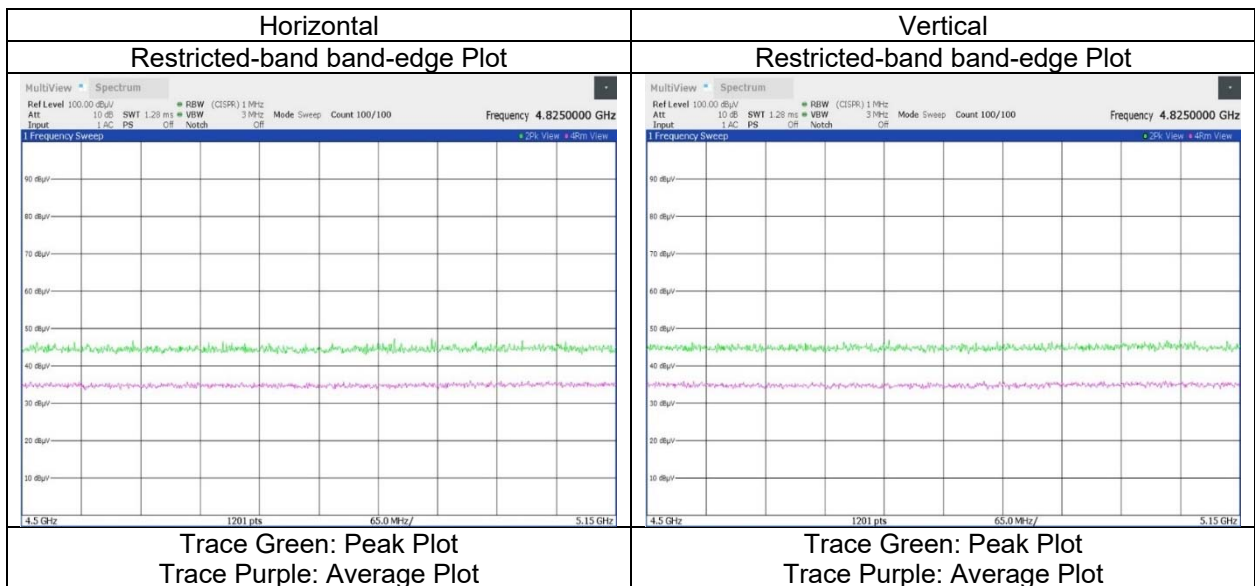
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 26-tone RU, RU Index 36, MIMO 5290 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Makoto Hosaka	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	48.76	31.88	-27.12	-	2.22	55.74	73.9	18.1	369	350	-
Vert.	5350.000	PK	49.32	31.88	-27.12	-	2.22	56.30	73.9	17.6	309	359	-

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	36.35	31.88	-27.12	-	0.23	2.22	43.56	53.9	10.3	*1)
Vert.	5350.000	AV	36.52	31.88	-27.12	-	0.23	2.22	43.73	53.9	10.1	*1)

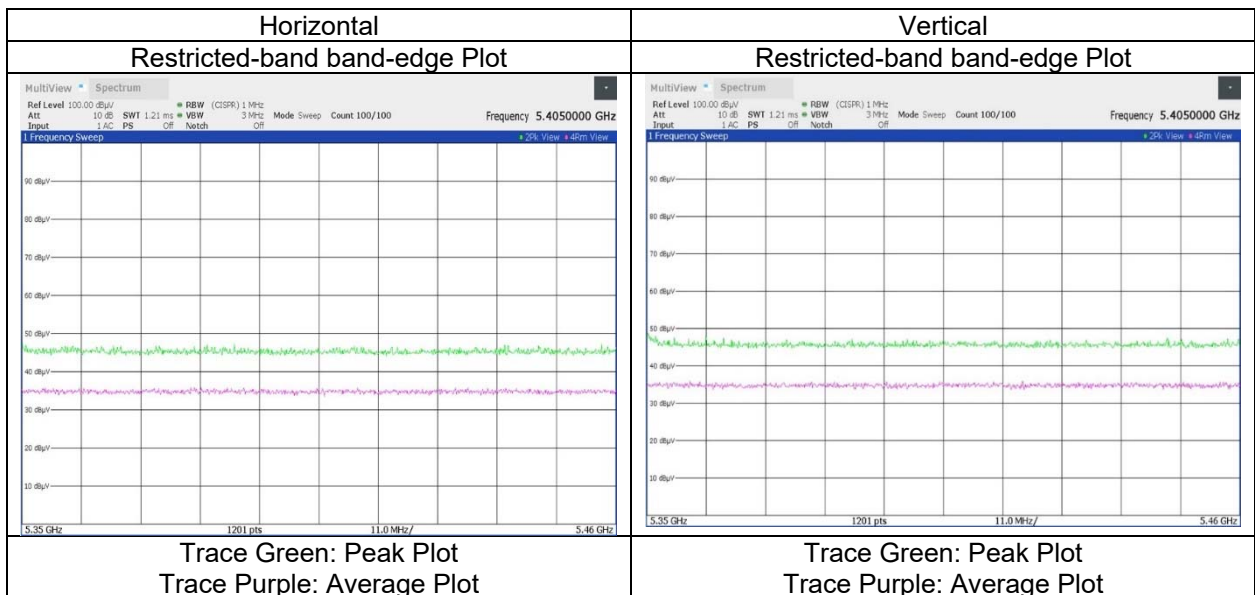
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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)



* 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), 26-tone RU, RU Index 0, MIMO 5530 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Makoto Hosaka	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	48.28	32.30	-26.98	-	2.22	55.82	73.9	18.0	370	1	-
Vert.	5460.000	PK	48.41	32.30	-26.98	-	2.22	55.95	73.9	17.9	326	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 : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

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	36.26	32.30	-26.98	-	0.23	2.22	44.03	53.9	9.8 *1)	-
Vert.	5460.000	AV	36.30	32.30	-26.98	-	0.23	2.22	44.07	53.9	9.8 *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	48.45	32.35	-26.97	-	-	2.22	56.05	-39.18	-27.0	12.1	370	1	-
Vert.	5470.000	PK	49.05	32.35	-26.97	-	-	2.22	56.65	-38.58	-27.0	11.5	326	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) + 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), 26-tone RU, RU Index 36, MIMO 5610 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Makoto Hosaka	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	47.48	32.98	-26.89	-	-	2.22	55.79	-39.44	-27.0	12.4	388	349	-
Vert.	5725.000	PK	47.80	32.98	-26.89	-	-	2.22	56.11	-39.12	-27.0	12.1	353	359	-

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), 26-tone RU, RU Index 0, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Makoto Hosaka	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	48.04	32.99	-26.91	-	-	2.22	56.34	-38.89	-27.0	11.8	356	0	-	-
Hori.	5700.000	PK	47.97	33.00	-26.90	-	-	2.22	56.29	-38.94	10.0	48.9	356	0	-	-
Hori.	5720.000	PK	51.72	32.98	-26.89	-	-	2.22	60.03	-35.20	15.6	50.8	356	0	-	-
Hori.	5725.000	PK	58.15	32.98	-26.89	-	-	2.22	66.46	-28.77	27.0	55.7	356	0	-	-
Vert.	5650.000	PK	47.59	32.99	-26.91	-	-	2.22	55.89	-39.34	-27.0	12.3	262	10	-	-
Vert.	5700.000	PK	47.59	33.00	-26.90	-	-	2.22	55.91	-39.32	10.0	49.3	262	10	-	-
Vert.	5720.000	PK	54.07	32.98	-26.89	-	-	2.22	62.38	-32.85	15.6	48.4	262	10	-	-
Vert.	5725.000	PK	61.06	32.98	-26.89	-	-	2.22	69.37	-25.86	27.0	52.8	262	10	-	-

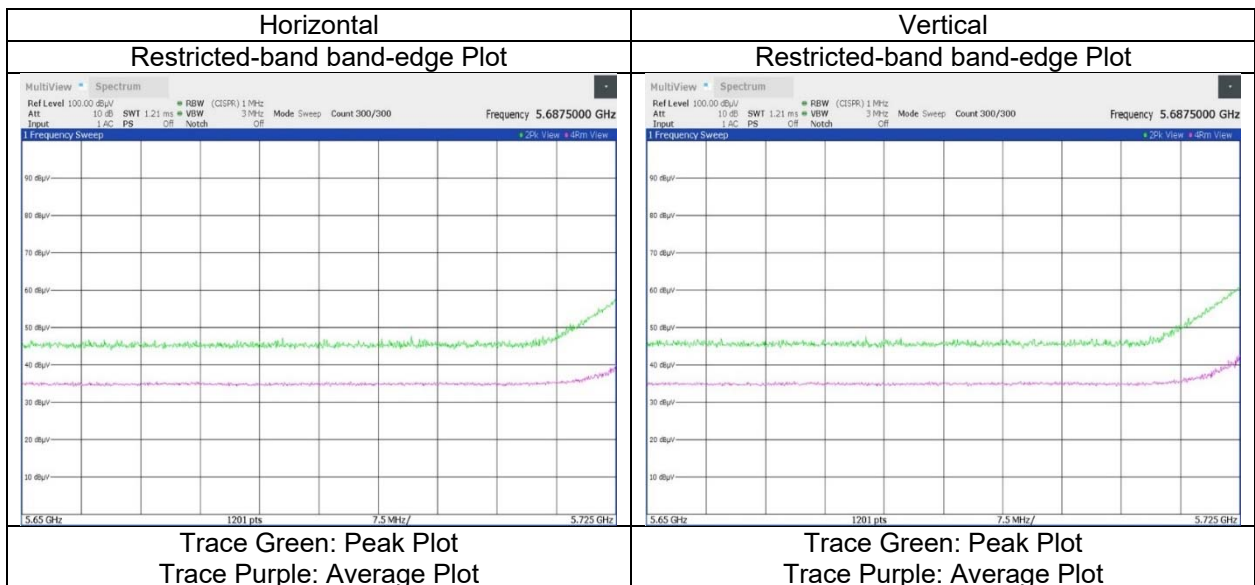
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 26-tone RU, RU Index 36, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.19	32.98	-26.87	-	-	2.22	56.52	-38.71	27.0	65.7	356	9	-
Hori.	5855.000	PK	48.68	32.99	-26.87	-	-	2.22	57.02	-38.21	15.6	53.8	356	9	-
Hori.	5875.000	PK	48.21	33.01	-26.87	-	-	2.22	56.57	-38.66	10.0	48.6	356	9	-
Hori.	5925.000	PK	47.93	33.10	-26.85	-	-	2.22	56.40	-38.83	-27.0	11.8	356	9	-
Vert.	5850.000	PK	48.52	32.98	-26.87	-	-	2.22	56.85	-38.38	27.0	65.3	368	336	-
Vert.	5855.000	PK	48.95	32.99	-26.87	-	-	2.22	57.29	-37.94	15.6	53.5	368	336	-
Vert.	5875.000	PK	48.78	33.01	-26.87	-	-	2.22	57.14	-38.09	10.0	48.0	368	336	-
Vert.	5925.000	PK	47.88	33.10	-26.85	-	-	2.22	56.35	-38.88	-27.0	11.8	368	336	-

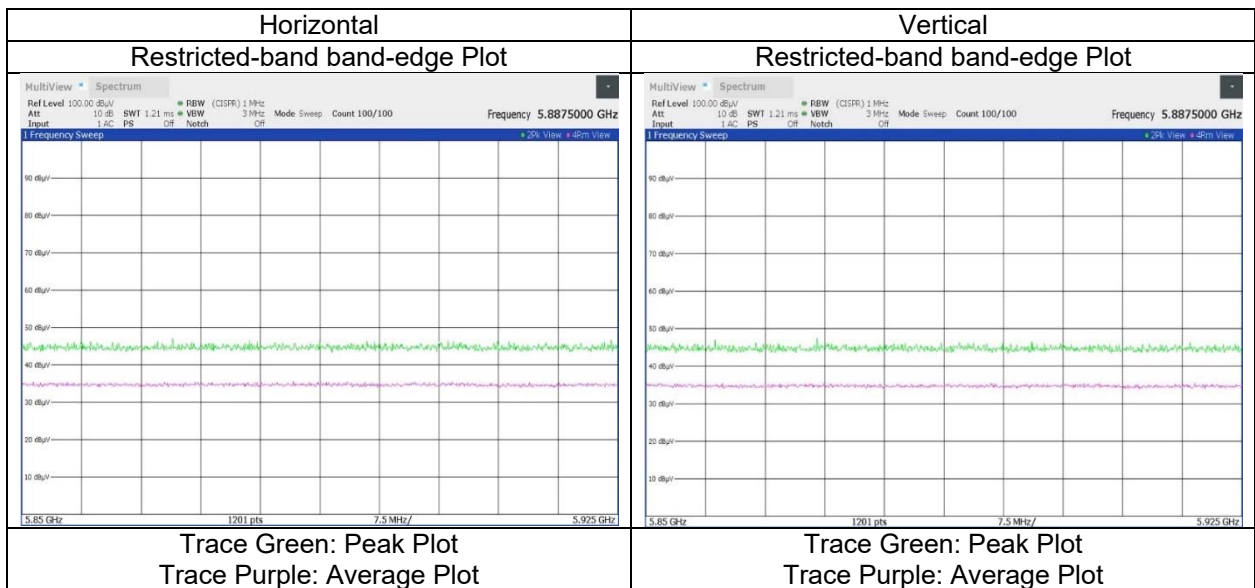
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 52-tone RU, RU Index 37, MIMO 5210 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	49.57	32.12	-27.36	-	2.22	56.55	73.9	17.3	378	3	-
Vert.	5150.000	PK	47.66	32.12	-27.36	-	2.22	54.64	73.9	19.2	294	352	-

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.	5150.000	AV	36.68	32.12	-27.36	-	0.23	2.22	43.89	53.9	10.0	*1)
Vert.	5150.000	AV	36.27	32.12	-27.36	-	0.23	2.22	43.48	53.9	10.4	*1)

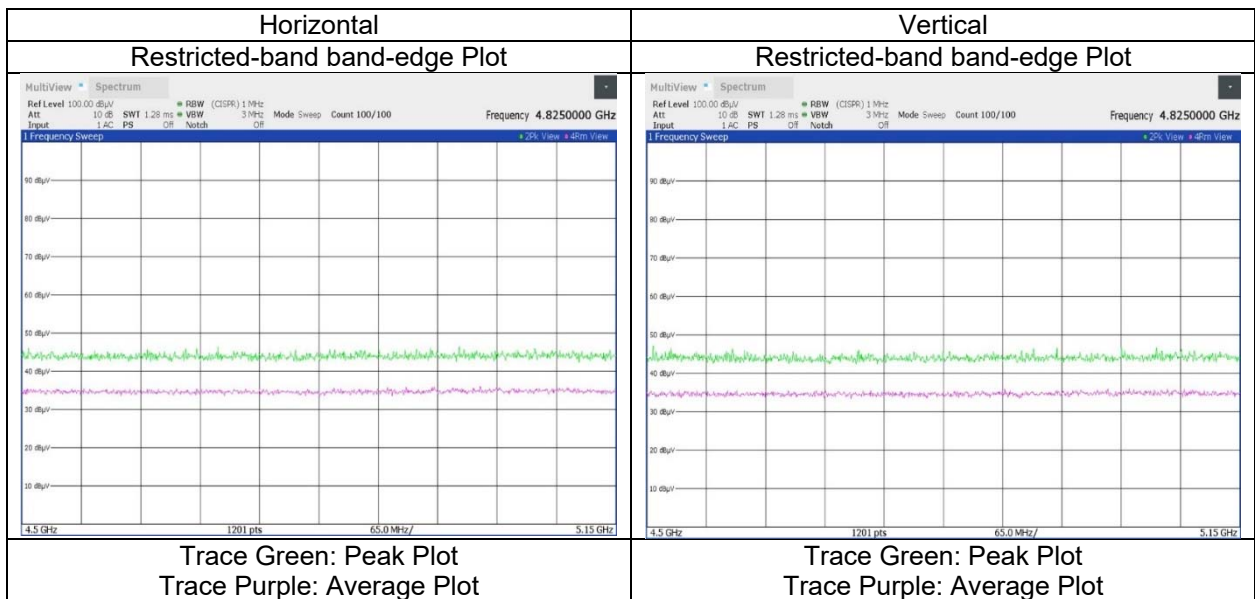
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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)



* 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), 52-tone RU, RU Index 52, MIMO 5290 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	47.28	31.88	-27.12	-	2.22	54.26	73.9	19.6	385	11	-
Vert.	5350.000	PK	49.17	31.88	-27.12	-	2.22	56.15	73.9	17.7	309	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) + 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	35.94	31.88	-27.12	-	0.23	2.22	43.15	53.9	10.7	*1)
Vert.	5350.000	AV	36.21	31.88	-27.12	-	0.23	2.22	43.42	53.9	10.4	*1)

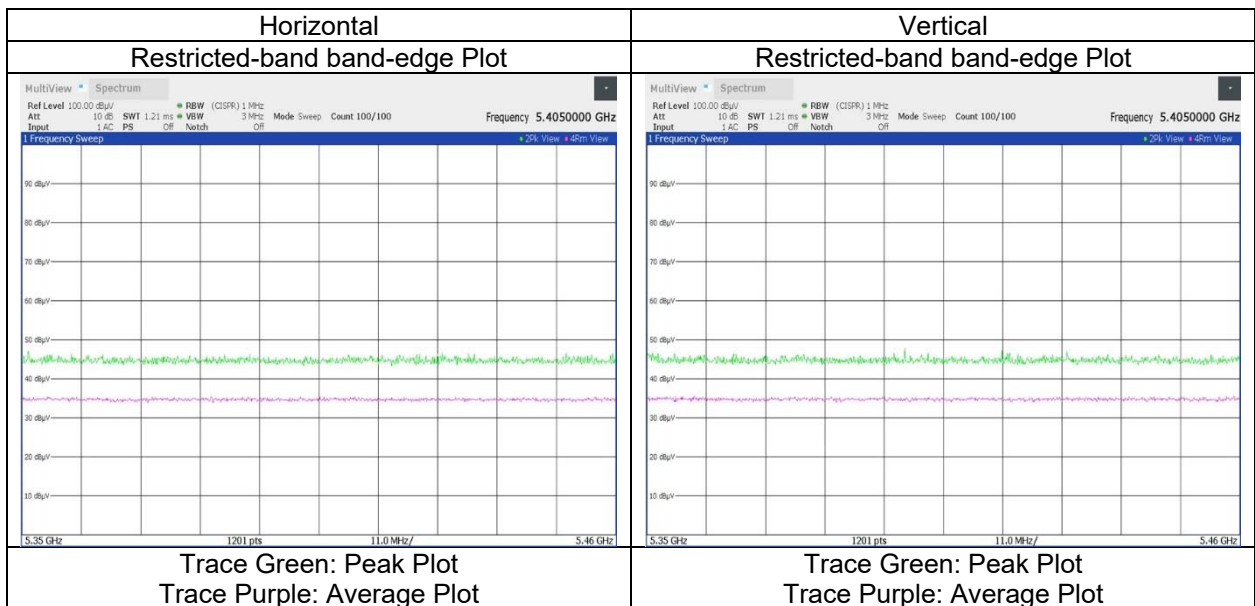
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 52-tone RU, RU Index 37, MIMO 5530 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.61	32.30	-26.98	-	2.22	56.15	73.9	17.7	368	357	-
Vert.	5460.000	PK	48.99	32.30	-26.98	-	2.22	56.53	73.9	17.3	198	346	-

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	36.10	32.30	-26.98	-	0.23	2.22	43.87	53.9	10.0 *1)	
Vert.	5460.000	AV	35.98	32.30	-26.98	-	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)

(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	49.25	32.35	-26.97	-	-	2.22	56.85	-38.38	-27.0	11.3	368	357	-
Vert.	5470.000	PK	49.99	32.35	-26.97	-	-	2.22	57.59	-37.64	-27.0	10.6	198	346	-

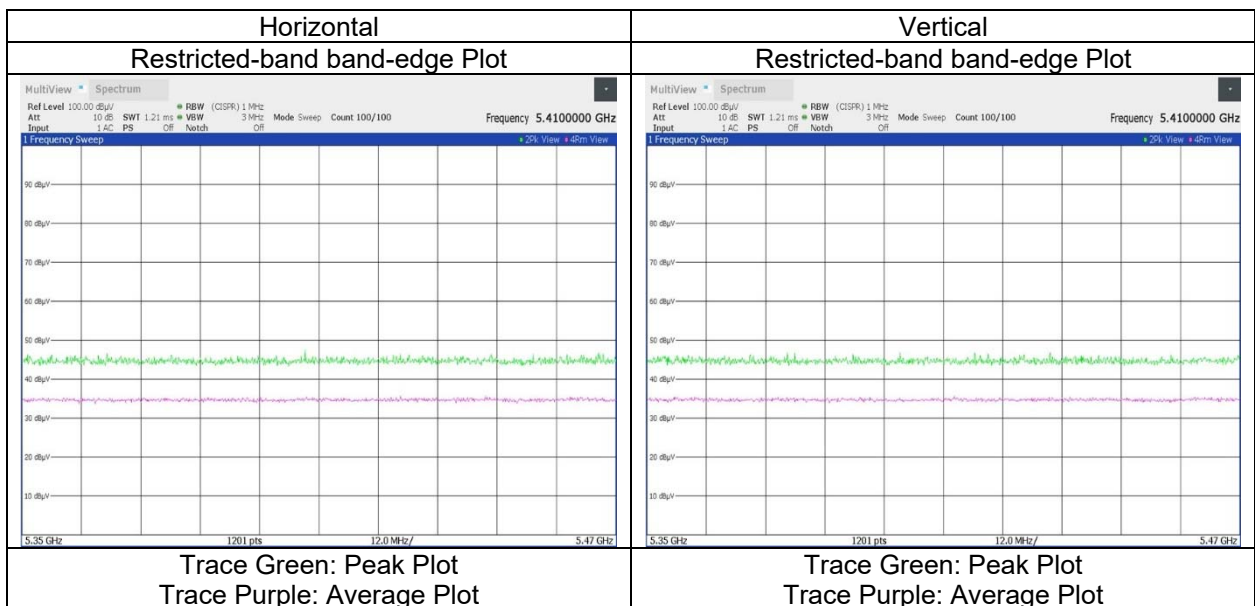
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

*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 : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$



* 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), 52-tone RU, RU Index 52, MIMO 5610 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.43	32.98	-26.89	-	-	2.22	56.74	-38.49	-27.0	11.4	385	7	-
Vert.	5725.000	PK	48.29	32.98	-26.89	-	-	2.22	56.60	-38.63	-27.0	11.6	373	1	-

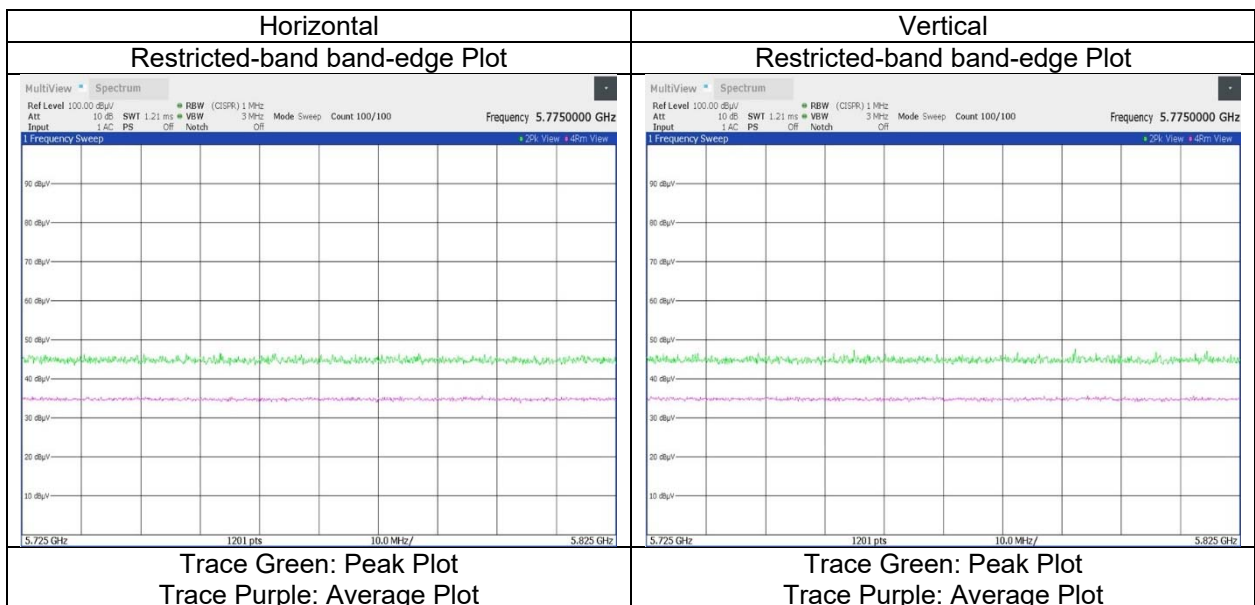
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 52-tone RU, RU Index 37, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.64	32.99	-26.91	-	-	2.22	56.94	-38.29	-27.0	11.2	382	15	-
Hori.	5700.000	PK	48.57	33.00	-26.90	-	-	2.22	56.89	-38.34	10.0	48.3	382	15	-
Hori.	5720.000	PK	51.59	32.98	-26.89	-	-	2.22	59.90	-35.33	15.6	50.9	382	15	-
Hori.	5725.000	PK	58.71	32.98	-26.89	-	-	2.22	67.02	-28.21	27.0	55.2	382	15	-
Vert.	5650.000	PK	48.23	32.99	-26.91	-	-	2.22	56.53	-38.70	-27.0	11.7	389	346	-
Vert.	5700.000	PK	48.19	33.00	-26.90	-	-	2.22	56.51	-38.72	10.0	48.7	389	346	-
Vert.	5720.000	PK	55.68	32.98	-26.89	-	-	2.22	63.99	-31.24	15.6	46.8	389	346	-
Vert.	5725.000	PK	61.87	32.98	-26.89	-	-	2.22	70.18	-25.05	27.0	52.0	389	346	-

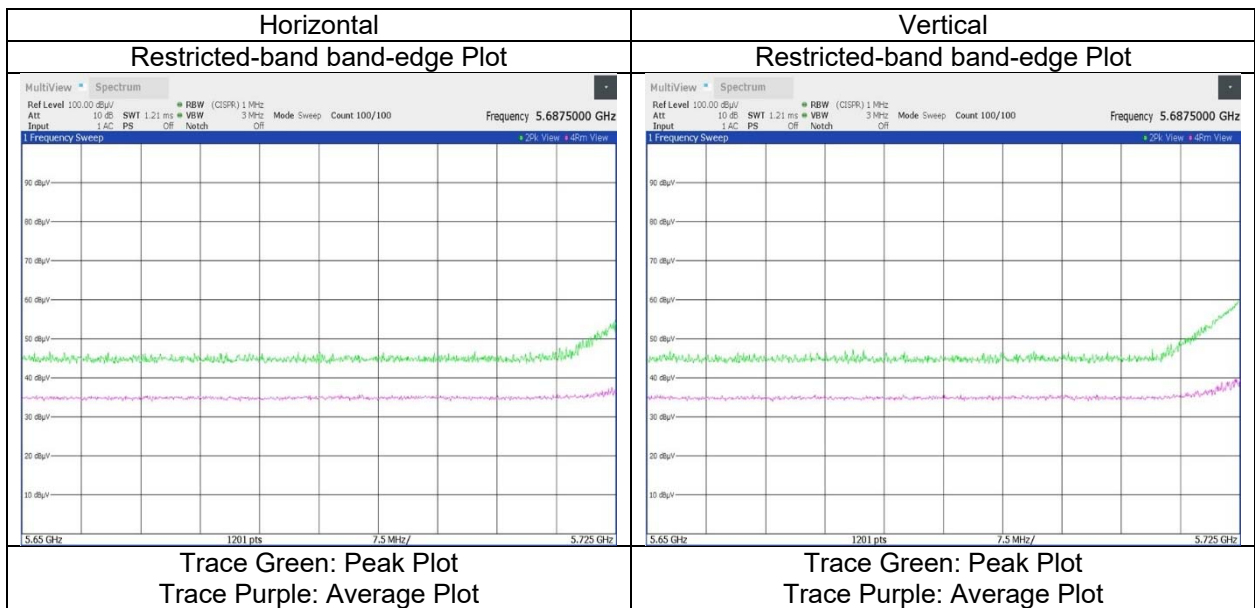
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 52-tone RU, RU Index 52, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	47.93	32.98	-26.87	-	-	2.22	56.26	-38.97	27.0	65.9	396	7	-
Hori.	5855.000	PK	48.27	32.99	-26.87	-	-	2.22	56.61	-38.62	15.6	54.2	396	7	-
Hori.	5875.000	PK	48.34	33.01	-26.87	-	-	2.22	56.70	-38.53	10.0	48.5	396	7	-
Hori.	5925.000	PK	48.26	33.10	-26.85	-	-	2.22	56.73	-38.50	-27.0	11.5	396	7	-
Vert.	5850.000	PK	48.53	32.98	-26.87	-	-	2.22	56.86	-38.37	27.0	65.3	330	17	-
Vert.	5855.000	PK	48.03	32.99	-26.87	-	-	2.22	56.37	-38.86	15.6	54.4	330	17	-
Vert.	5875.000	PK	48.63	33.01	-26.87	-	-	2.22	56.99	-38.24	10.0	48.2	330	17	-
Vert.	5925.000	PK	48.21	33.10	-26.85	-	-	2.22	56.68	-38.55	-27.0	11.5	330	17	-

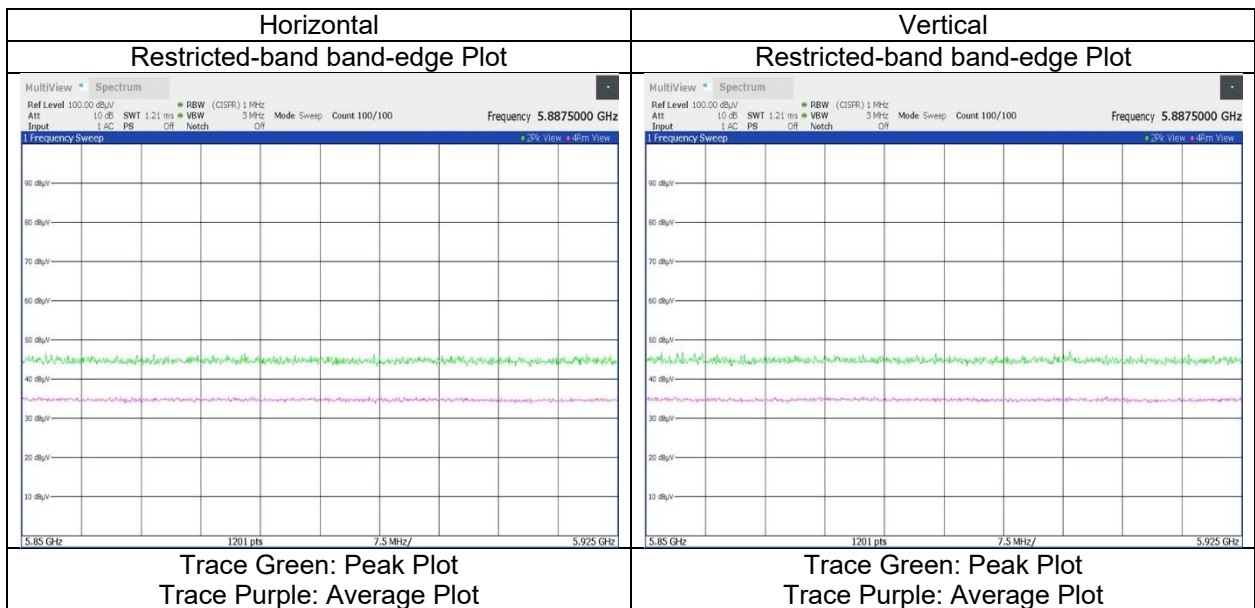
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 106-tone RU, RU Index 53, MIMO 5210 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.93	32.12	-27.36	-	2.22	55.91	73.9	17.9	400	352	-
Vert.	5150.000	PK	48.75	32.12	-27.36	-	2.22	55.73	73.9	18.1	264	342	-

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	35.43	32.12	-27.36	-	0.24	2.22	42.65	53.9	11.2	*1)
Vert.	5150.000	AV	35.14	32.12	-27.36	-	0.24	2.22	42.36	53.9	11.5	*1)

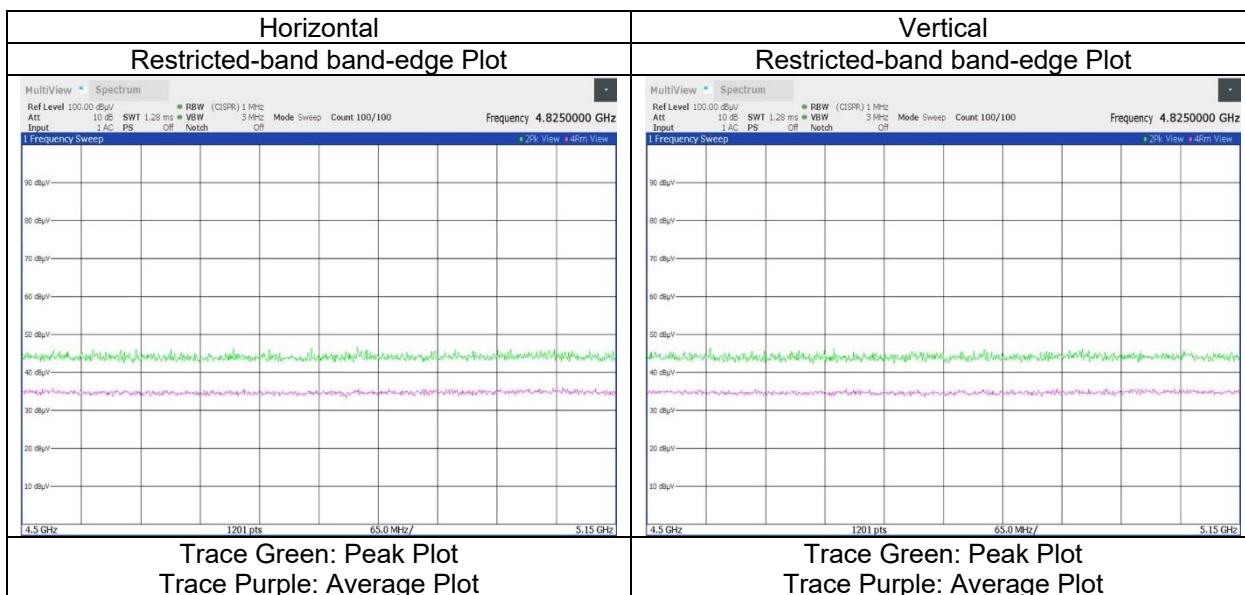
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-80 (OFDMA), 106-tone RU, RU Index 60, MIMO 5290 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	49.44	31.88	-27.12	-	2.22	56.42	73.9	17.4	395	351	-
Vert.	5350.000	PK	49.52	31.88	-27.12	-	2.22	56.50	73.9	17.4	288	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) + 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	35.89	31.88	-27.12	-	0.24	2.22	43.11	53.9	10.7	*1)
Vert.	5350.000	AV	36.01	31.88	-27.12	-	0.24	2.22	43.23	53.9	10.6	*1)

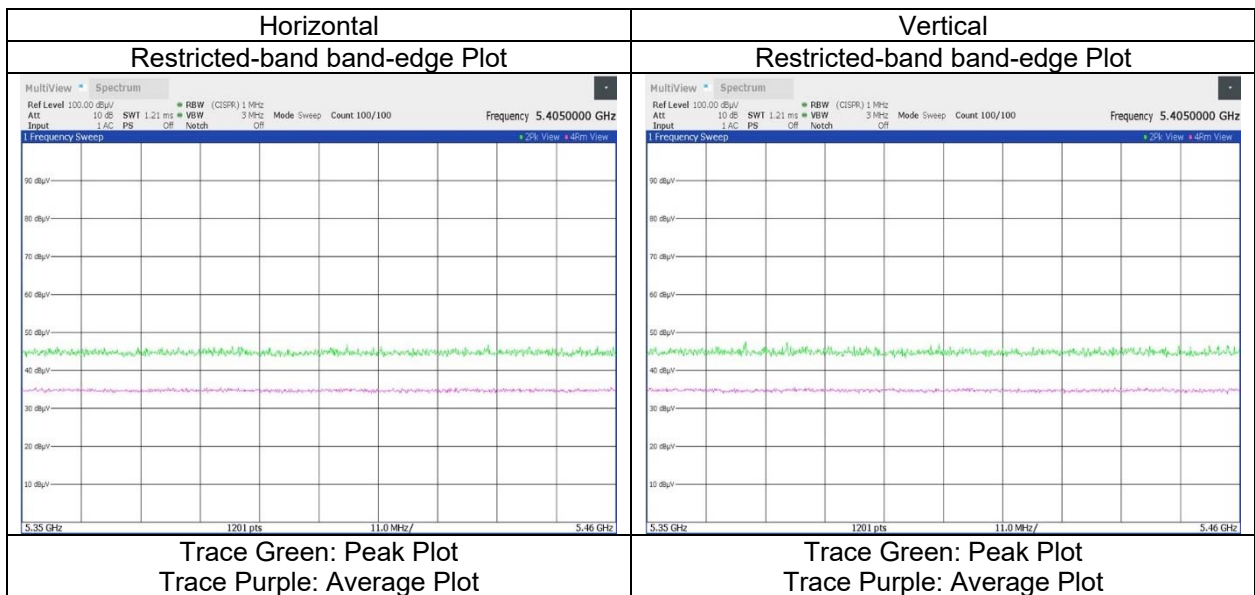
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 106-tone RU, RU Index 53, MIMO 5530 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.41	32.30	-26.98	-	2.22	55.95	73.9	17.9	393	351	-
Vert.	5460.000	PK	47.85	32.30	-26.98	-	2.22	55.39	73.9	18.5	382	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) + 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	34.78	32.30	-26.98	-	0.24	2.22	42.56	53.9	11.3	*1)
Vert.	5460.000	AV	34.69	32.30	-26.98	-	0.24	2.22	42.47	53.9	11.4	*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	48.24	32.35	-26.97	-	-	2.22	55.84	-39.39	-27.0	12.3	393	351	-
Vert.	5470.000	PK	48.36	32.35	-26.97	-	-	2.22	55.96	-39.27	-27.0	12.2	382	359	-

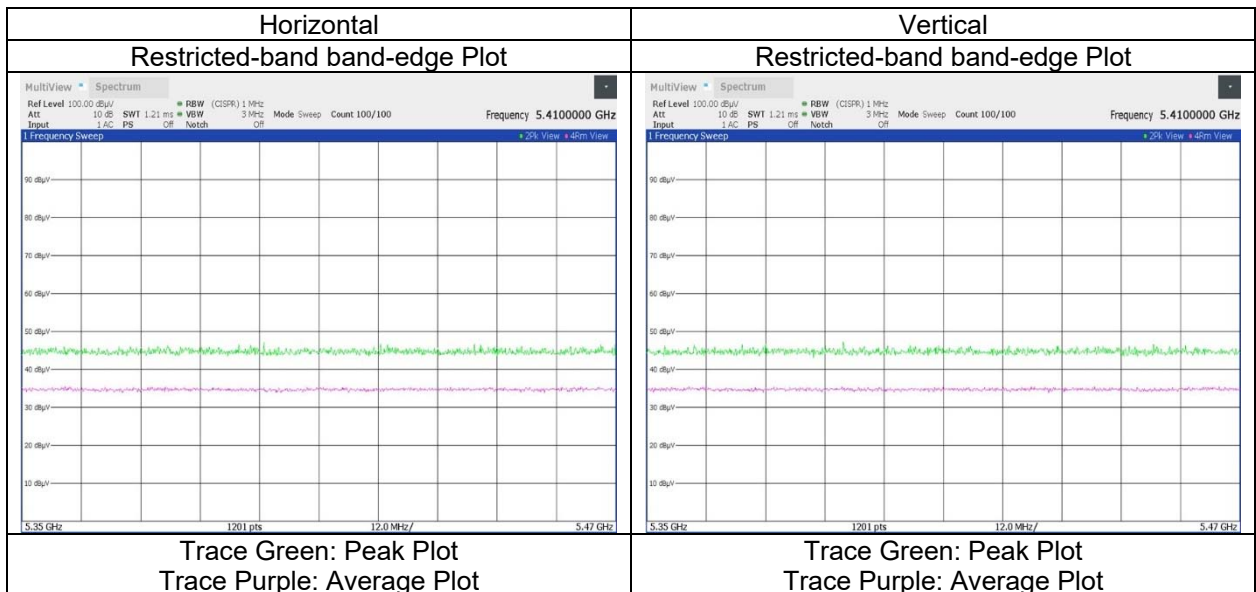
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

*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), 106-tone RU, RU Index 60, MIMO 5610 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.82	32.98	-26.89	-	-	2.22	57.13	-38.10	-27.0	11.1	390	352	-
Vert.	5725.000	PK	48.43	32.98	-26.89	-	-	2.22	56.74	-38.49	-27.0	11.4	271	1	-

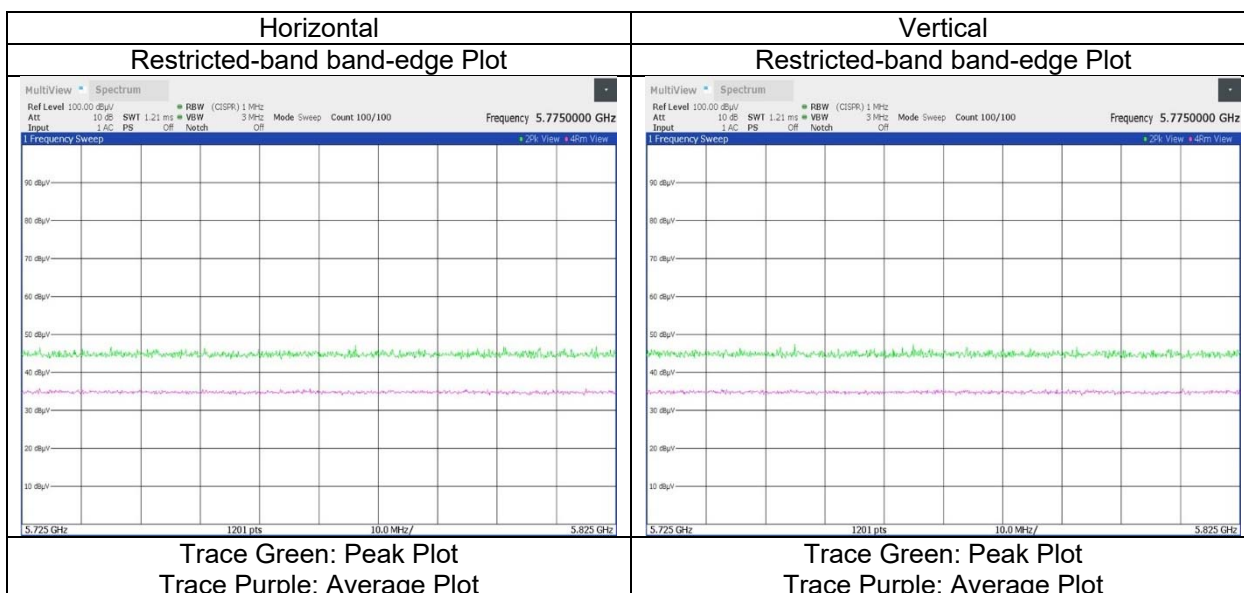
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 106-tone RU, RU Index 53, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.41	32.99	-26.91	-	-	2.22	56.71	-38.52	-27.0	11.5	344	351	-
Hori.	5700.000	PK	48.24	33.00	-26.90	-	-	2.22	56.56	-38.67	10.0	48.6	344	351	-
Hori.	5720.000	PK	50.84	32.98	-26.89	-	-	2.22	59.15	-36.08	15.6	51.6	344	351	-
Hori.	5725.000	PK	55.87	32.98	-26.89	-	-	2.22	64.18	-31.05	27.0	58.0	344	351	-
Vert.	5650.000	PK	48.48	32.99	-26.91	-	-	2.22	56.78	-38.45	-27.0	11.4	301	9	-
Vert.	5700.000	PK	48.33	33.00	-26.90	-	-	2.22	56.65	-38.58	10.0	48.5	301	9	-
Vert.	5720.000	PK	54.78	32.98	-26.89	-	-	2.22	63.09	-32.14	15.6	47.7	301	9	-
Vert.	5725.000	PK	61.03	32.98	-26.89	-	-	2.22	69.34	-25.89	27.0	52.8	301	9	-

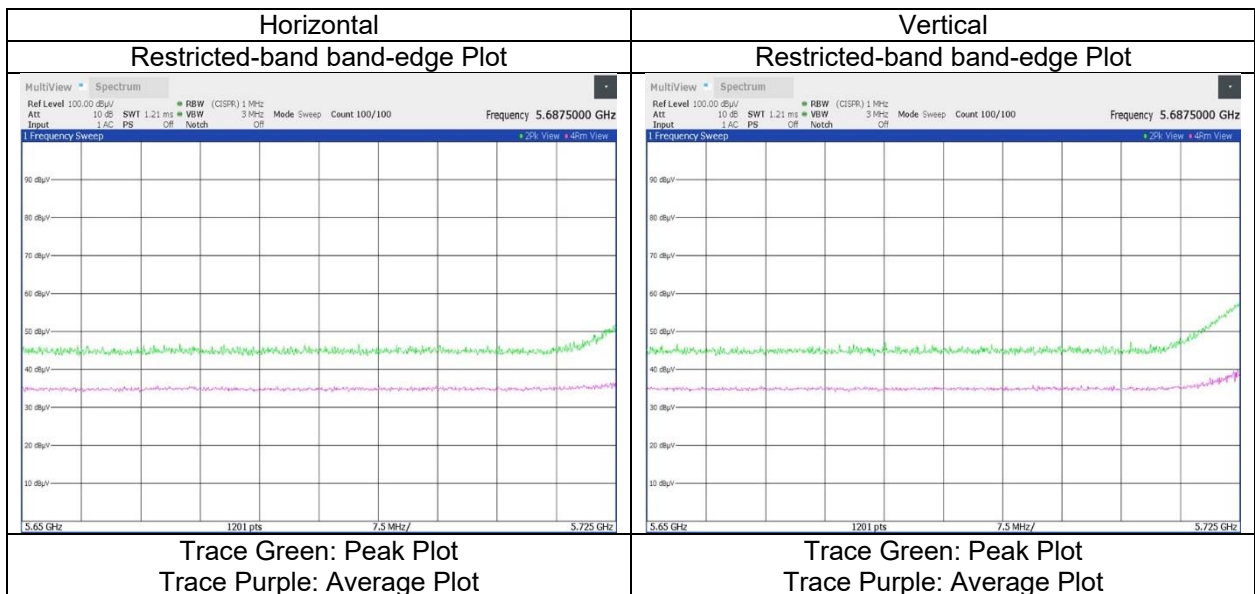
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 106-tone RU, RU Index 60, MIMO 5775 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	47.79	32.98	-26.87	-	-	2.22	56.12	-39.11	27.0	66.1	400	351	-
Hori.	5855.000	PK	48.36	32.99	-26.87	-	-	2.22	56.70	-38.53	15.6	54.1	400	351	-
Hori.	5875.000	PK	48.51	33.01	-26.87	-	-	2.22	56.87	-38.36	10.0	48.3	400	351	-
Hori.	5925.000	PK	48.12	33.10	-26.85	-	-	2.22	56.59	-38.64	-27.0	11.6	400	351	-
Vert.	5850.000	PK	48.67	32.98	-26.87	-	-	2.22	57.00	-38.23	27.0	65.2	247	9	-
Vert.	5855.000	PK	48.91	32.99	-26.87	-	-	2.22	57.25	-37.98	15.6	53.5	247	9	-
Vert.	5875.000	PK	48.72	33.01	-26.87	-	-	2.22	57.08	-38.15	10.0	48.1	247	9	-
Vert.	5925.000	PK	48.40	33.10	-26.85	-	-	2.22	56.87	-38.36	-27.0	11.3	247	9	-

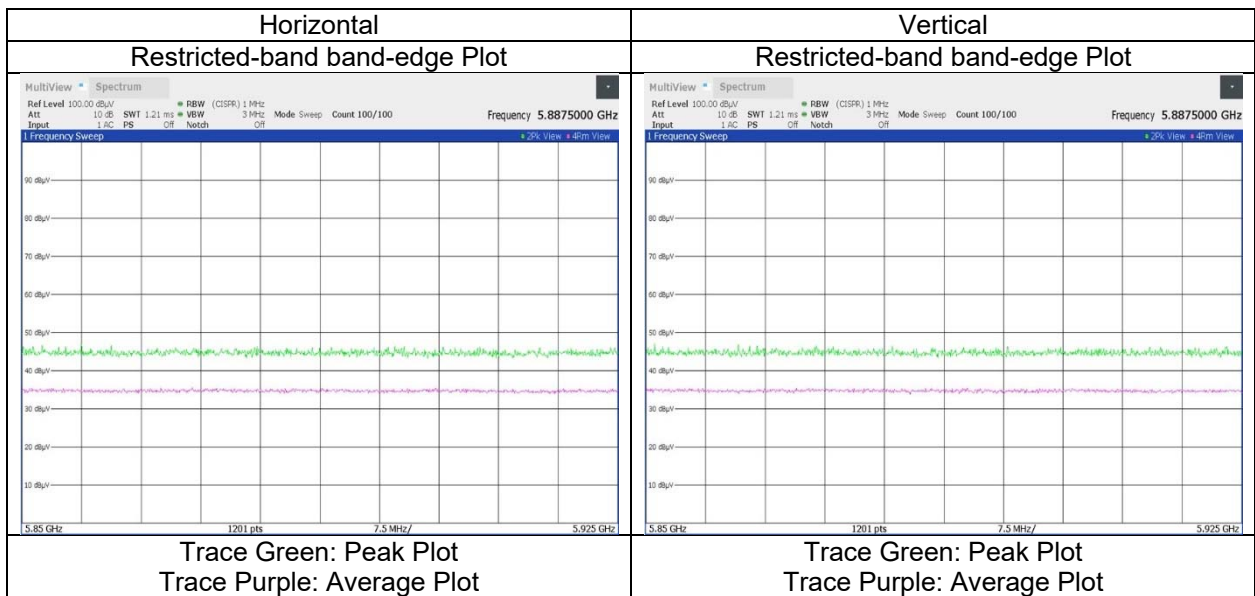
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 242-tone RU, RU Index 61, MIMO 5210 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.54	32.12	-27.36	-	2.22	55.52	73.9	18.3	393	351	-
Vert.	5150.000	PK	48.32	32.12	-27.36	-	2.22	55.30	73.9	18.6	366	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	35.00	32.12	-27.36	-	0.24	2.22	42.22	53.9	11.6	*1)
Vert.	5150.000	AV	35.09	32.12	-27.36	-	0.24	2.22	42.31	53.9	11.5	*1)

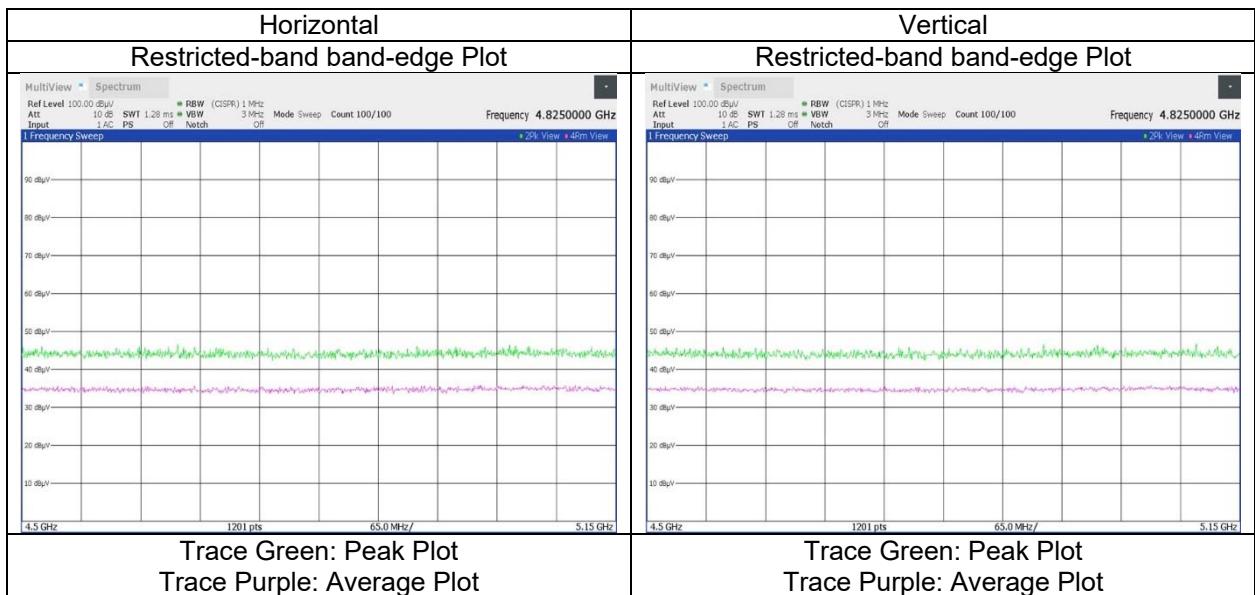
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-80 (OFDMA), 242-tone RU, RU Index 64, MIMO 5290 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	48.94	31.88	-27.12	-	2.22	55.92	73.9	17.9	359	1	-
Vert.	5350.000	PK	48.22	31.88	-27.12	-	2.22	55.20	73.9	18.7	230	360	-

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	35.16	31.88	-27.12	-	0.24	2.22	42.38	53.9	11.5	*1)
Vert.	5350.000	AV	34.77	31.88	-27.12	-	0.24	2.22	41.99	53.9	11.9	*1)

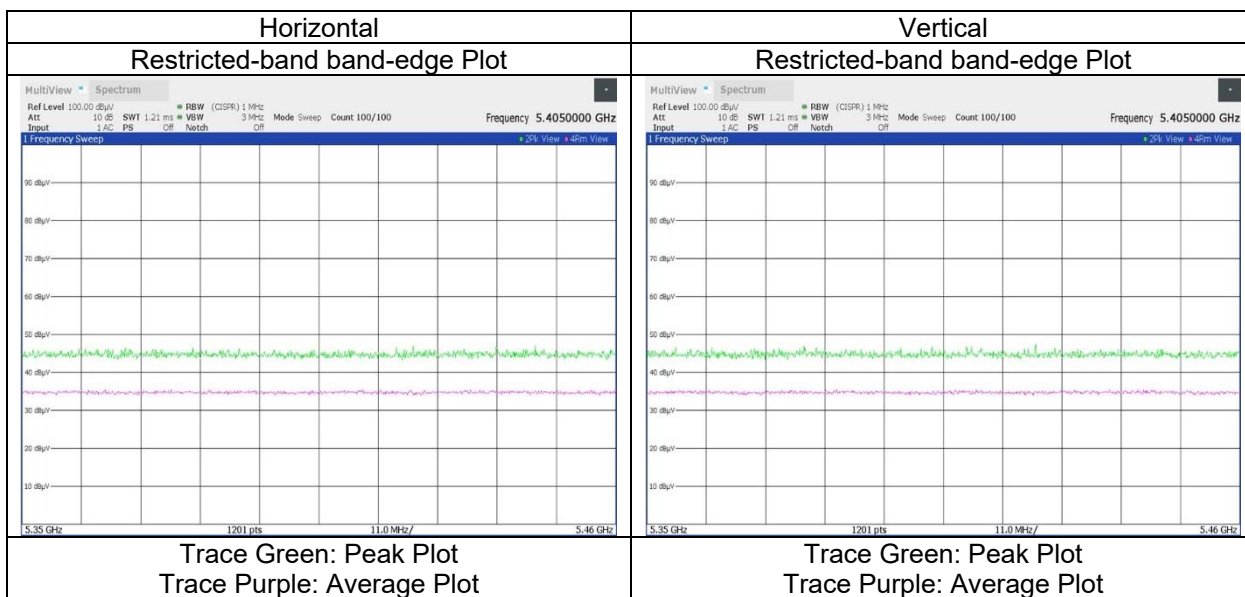
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 242-tone RU, RU Index 61, MIMO 5530 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 25, 2025	WAC2	20 deg. C	27 % RH	Takahiro Suzuki	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	47.99	32.30	-26.98	-	2.22	55.53	73.9	18.3	389	9	-
Vert.	5460.000	PK	48.36	32.30	-26.98	-	2.22	55.90	73.9	18.0	257	358	-

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	36.73	32.30	-26.98	-	0.24	2.22	44.51	53.9	9.3	*1)
Vert.	5460.000	AV	36.85	32.30	-26.98	-	0.24	2.22	44.63	53.9	9.2	*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	48.15	32.35	-26.97	-	-	2.22	55.75	-39.48	-27.0	12.4	389	9	-
Vert.	5470.000	PK	47.64	32.35	-26.97	-	-	2.22	55.24	-39.99	-27.0	12.9	257	358	-

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

*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 : $20\log(1.00 [m] / 3.0 [m]) = -9.54 [dB]$



* 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), 242-tone RU, RU Index 64, MIMO 5610 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.	5725.000	PK	47.77	32.98	-26.89	-	-	2.22	56.08	-39.15	-27.0	12.1	381	357	-
Vert.	5725.000	PK	47.63	32.98	-26.89	-	-	2.22	55.94	-39.29	-27.0	12.2	267	3	-

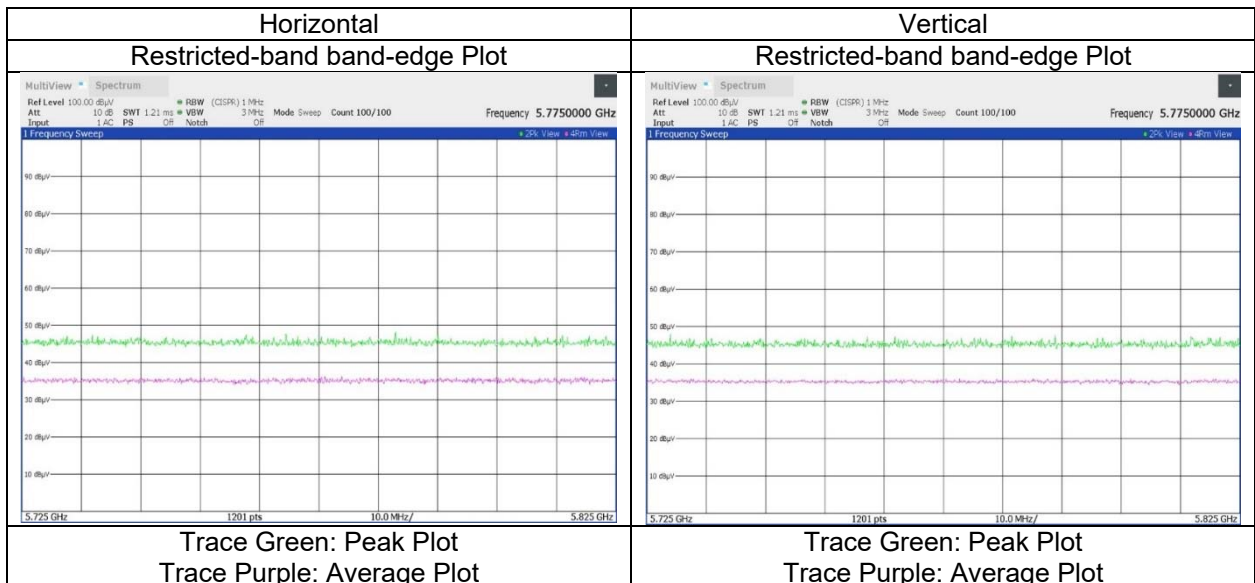
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * 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), 242-tone RU, RU Index 61, 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	47.64	32.99	-26.91	-	-	2.22	55.94	-39.29	-27.0	12.2	351	355	-
Hori.	5700.000	PK	47.58	33.00	-26.90	-	-	2.22	55.90	-39.33	10.0	49.3	351	355	-
Hori.	5720.000	PK	49.43	32.98	-26.89	-	-	2.22	57.74	-37.49	15.6	53.0	351	355	-
Hori.	5725.000	PK	53.31	32.98	-26.89	-	-	2.22	61.62	-33.61	27.0	60.6	351	355	-
Vert.	5650.000	PK	47.18	32.99	-26.91	-	-	2.22	55.48	-39.75	-27.0	12.7	295	6	-
Vert.	5700.000	PK	46.95	33.00	-26.90	-	-	2.22	55.27	-39.96	10.0	49.9	295	6	-
Vert.	5720.000	PK	51.06	32.98	-26.89	-	-	2.22	59.37	-35.86	15.6	51.4	295	6	-
Vert.	5725.000	PK	56.85	32.98	-26.89	-	-	2.22	65.16	-30.07	27.0	57.0	295	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 * 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), 242-tone RU, RU Index 64, 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	48.00	32.98	-26.87	-	-	2.22	56.33	-38.90	27.0	65.9	393	1	-	-
Hori.	5855.000	PK	47.79	32.99	-26.87	-	-	2.22	56.13	-39.10	15.6	54.7	393	1	-	-
Hori.	5875.000	PK	47.16	33.01	-26.87	-	-	2.22	55.52	-39.71	10.0	49.7	393	1	-	-
Hori.	5925.000	PK	47.17	33.10	-26.85	-	-	2.22	55.64	-39.59	-27.0	12.5	393	1	-	-
Vert.	5850.000	PK	48.04	32.98	-26.87	-	-	2.22	56.37	-38.86	27.0	65.8	272	4	-	-
Vert.	5855.000	PK	47.68	32.99	-26.87	-	-	2.22	56.02	-39.21	15.6	54.8	272	4	-	-
Vert.	5875.000	PK	47.47	33.01	-26.87	-	-	2.22	55.83	-39.40	10.0	49.4	272	4	-	-
Vert.	5925.000	PK	47.41	33.10	-26.85	-	-	2.22	55.88	-39.35	-27.0	12.3	272	4	-	-

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 65, MIMO 5210 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

(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	47.91	32.12	-27.36	-	2.22	54.89	73.9	19.0	379	356	-
Vert.	5150.000	PK	48.79	32.12	-27.36	-	2.22	55.77	73.9	18.1	379	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	36.80	32.12	-27.36	-	0.24	2.22	44.02	53.9	9.8	*1)
Vert.	5150.000	AV	37.20	32.12	-27.36	-	0.24	2.22	44.42	53.9	9.4	*1)

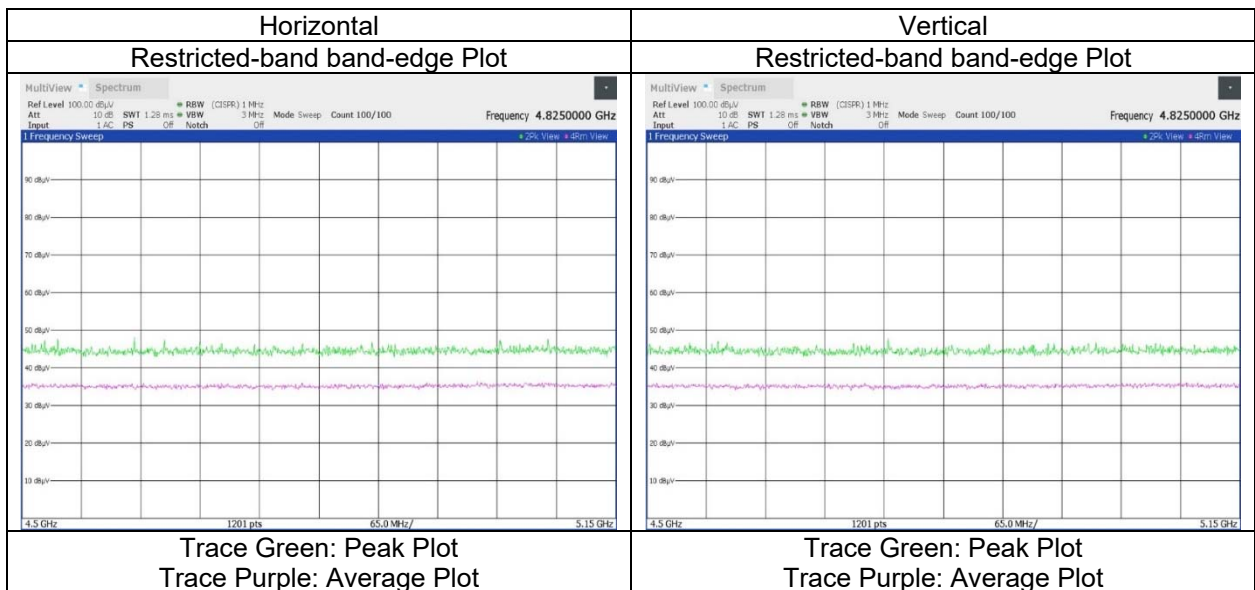
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 484-tone RU, RU Index 66, MIMO 5290 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

(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	398	2	-
Vert.	5350.000	PK	48.08	31.88	-27.12	-	2.22	55.06	73.9	18.8	248	351	-

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	36.42	31.88	-27.12	-	0.24	2.22	43.64	53.9	10.2	*1)
Vert.	5350.000	AV	36.52	31.88	-27.12	-	0.24	2.22	43.74	53.9	10.1	*1)

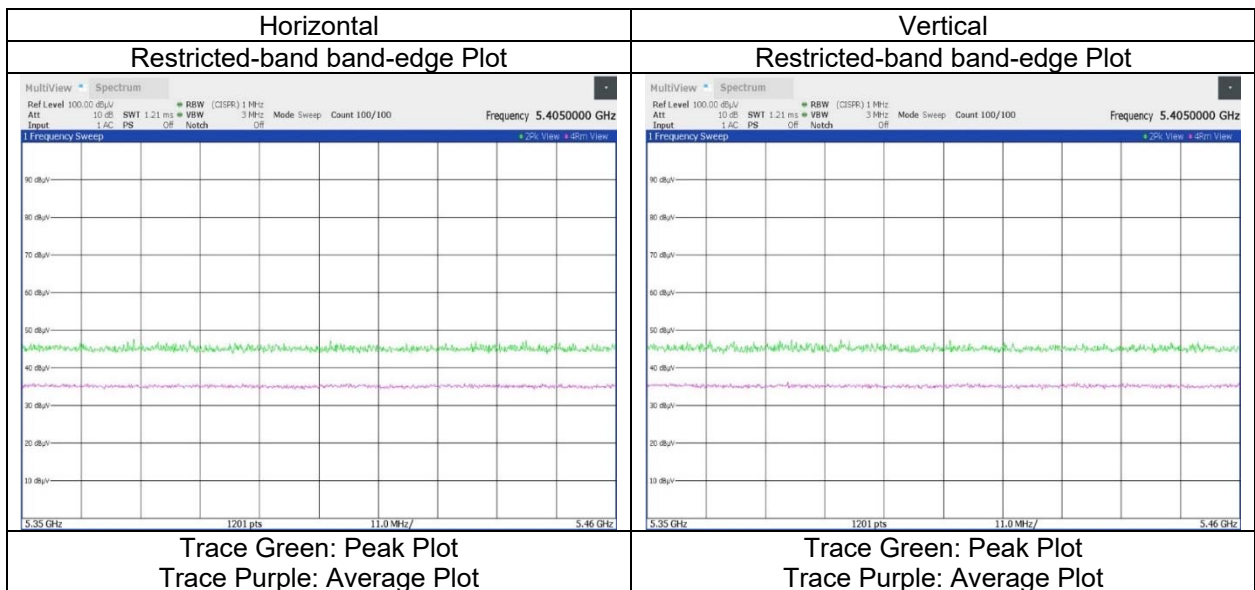
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 484-tone RU, RU Index 65, MIMO 5530 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

(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	47.63	32.30	-26.98	-	2.22	55.17	73.9	18.7	360	0	-
Vert.	5460.000	PK	47.97	32.30	-26.98	-	2.22	55.51	73.9	18.3	264	351	-

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	36.58	32.30	-26.98	-	0.24	2.22	44.36	53.9	9.5	*1)
Vert.	5460.000	AV	36.71	32.30	-26.98	-	0.24	2.22	44.49	53.9	9.4	*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	47.89	32.35	-26.97	-	-	2.22	55.49	-39.74	-27.0	12.7	360	0	-
Vert.	5470.000	PK	48.08	32.35	-26.97	-	-	2.22	55.68	-39.55	-27.0	12.5	264	351	-

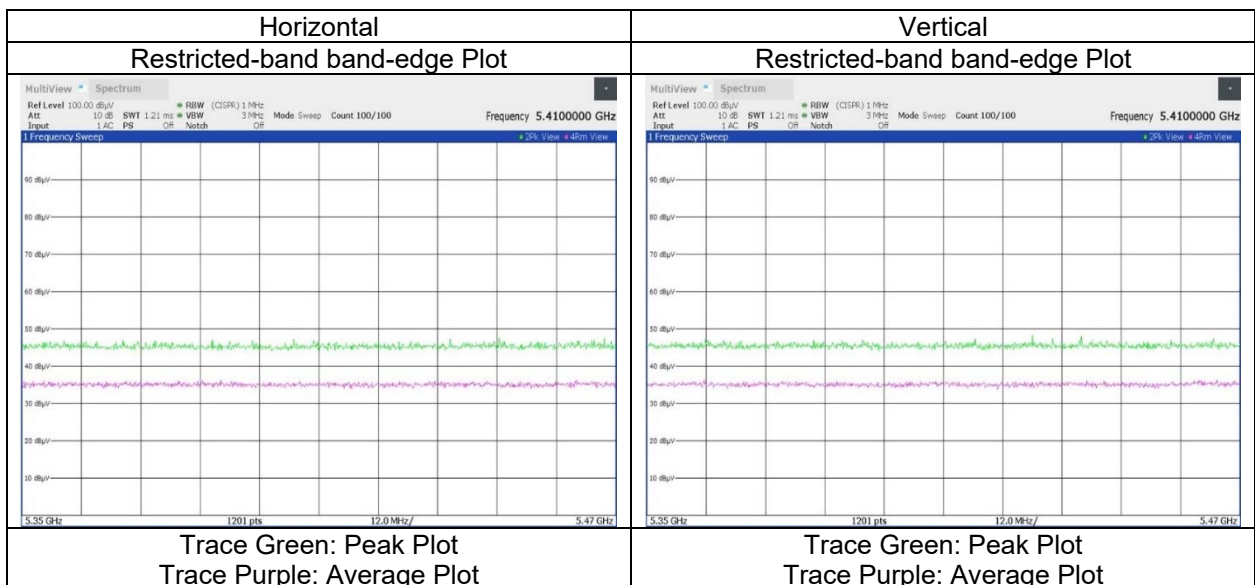
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-80 (OFDMA), 484-tone RU, RU Index 66, MIMO 5610 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.	5725.000	PK	47.78	32.98	-26.89	-	-	2.22	56.09	-39.14	-27.0	12.1	372	352	-
Vert.	5725.000	PK	47.61	32.98	-26.89	-	-	2.22	55.92	-39.31	-27.0	12.3	323	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.