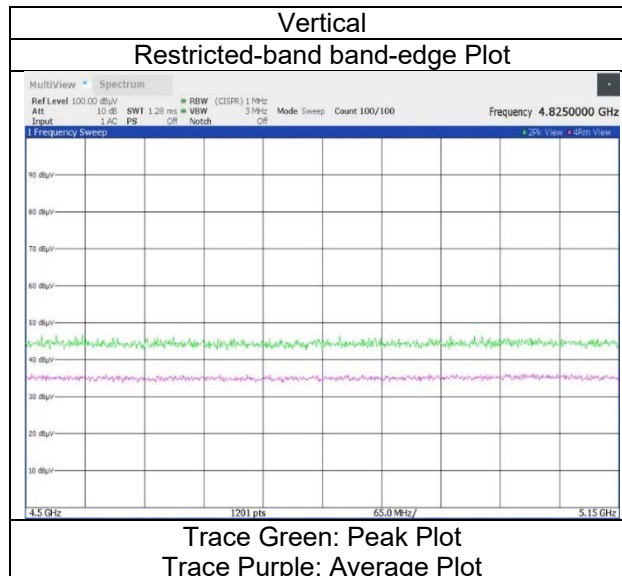
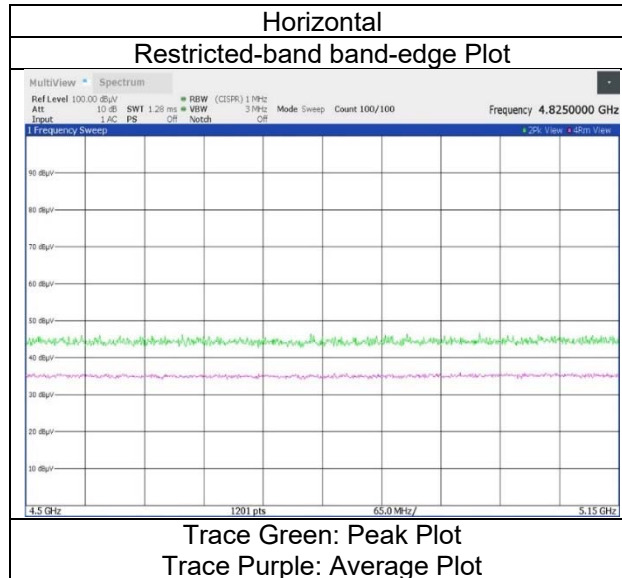


Radiated Spurious Emission

Mode	Tx 11ac-20, MIMO 5180 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20, MIMO 5240 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	1 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	15720.000	PK	47.14	39.47	-31.35	-	-9.54	45.72	73.9	28.1	150	0	Floor Noise
Hori.	20960.000	PK	45.23	40.05	12.74	47.07	-9.54	41.41	73.9	32.4	208	220	-
Hori.	15720.000	AV	36.72	39.47	-31.35	-	-9.54	35.30	53.9	18.6	150	0	Floor Noise
Vert.	15720.000	PK	46.72	39.47	-31.35	-	-9.54	45.30	73.9	28.6	150	0	Floor Noise
Vert.	20960.000	PK	45.07	40.05	12.74	47.07	-9.54	41.25	73.9	32.6	183	12	-
Vert.	15720.000	AV	36.75	39.47	-31.35	-	-9.54	35.33	53.9	18.5	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	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	20960.000	AV	39.65	40.05	12.74	47.07	0.11	-9.54	35.94	53.9	17.9	-
Vert.	20960.000	AV	38.76	40.05	12.74	47.07	0.11	-9.54	35.05	53.9	18.8	-

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	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.	6986.667	PK	48.47	35.80	-35.02	-	-	2.22	51.47	-43.76	-27.0	16.7	368	336	-
Hori.	10480.000	PK	46.79	36.25	-33.08	-	-	-9.54	40.42	-54.81	-27.0	27.8	150	0	Floor Noise
Vert.	6986.667	PK	49.67	35.80	-35.02	-	-	2.22	52.67	-42.56	-27.0	15.5	333	20	-
Vert.	10480.000	PK	46.39	36.25	-33.08	-	-	-9.54	40.02	-55.21	-27.0	28.2	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] = $10 * \log((10^{\wedge}(\text{Result [dBuV/m]} / 20)) * 10^{\wedge}(-6) * \text{Distance : } 3[m])^{\wedge}2 / 30 * 10^{\wedge}3)$

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

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

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

Radiated Spurious Emission

Mode	Tx 11ac-20, MIMO 5320 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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	49.53	31.88	-27.12	-	2.22	56.51	73.9	17.3	398	1	-
Hori.	10640.000	PK	46.59	36.97	-32.98	-	-9.54	41.04	73.9	32.8	150	0	Floor Noise
Hori.	15960.000	PK	47.30	39.67	-31.50	-	-9.54	45.93	73.9	27.9	150	0	Floor Noise
Hori.	21280.000	PK	45.87	40.09	12.85	47.05	-9.54	42.22	73.9	31.6	208	242	-
Hori.	10640.000	AV	35.94	36.97	-32.98	-	-9.54	30.39	53.9	23.5	150	0	Floor Noise
Hori.	15960.000	AV	36.63	39.67	-31.50	-	-9.54	35.26	53.9	18.6	150	0	Floor Noise
Vert.	5350.000	PK	47.45	31.88	-27.12	-	2.22	54.43	73.9	19.4	241	347	-
Vert.	10640.000	PK	46.88	36.97	-32.98	-	-9.54	41.33	73.9	32.5	150	0	Floor Noise
Vert.	15960.000	PK	47.04	39.67	-31.50	-	-9.54	45.67	73.9	28.2	150	0	Floor Noise
Vert.	21280.000	PK	44.18	40.09	12.85	47.05	-9.54	40.53	73.9	33.3	184	97	-
Vert.	10640.000	AV	36.06	36.97	-32.98	-	-9.54	30.51	53.9	23.3	150	0	Floor Noise
Vert.	15960.000	AV	36.78	39.67	-31.50	-	-9.54	35.41	53.9	18.4	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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	38.86	31.88	-27.12	-	0.11	2.22	45.95	53.9	7.9 *1)	-
Hori.	21280.000	AV	40.31	40.09	12.85	47.05	0.11	-9.54	36.77	53.9	17.1	-
Vert.	5350.000	AV	36.28	31.88	-27.12	-	0.11	2.22	43.37	53.9	10.5 *1)	-
Vert.	21280.000	AV	37.79	40.09	12.85	47.05	0.11	-9.54	34.25	53.9	19.6	-

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

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

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

Duty factor refer to "Burst rate confirmation" sheet.

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

(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.	7093.333	PK	47.85	35.84	-34.90	-	-	2.22	51.01	-44.22	-27.0	17.2	368	336	-
Vert.	7093.333	PK	49.42	35.84	-34.90	-	-	2.22	52.58	-42.65	-27.0	15.6	384	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)

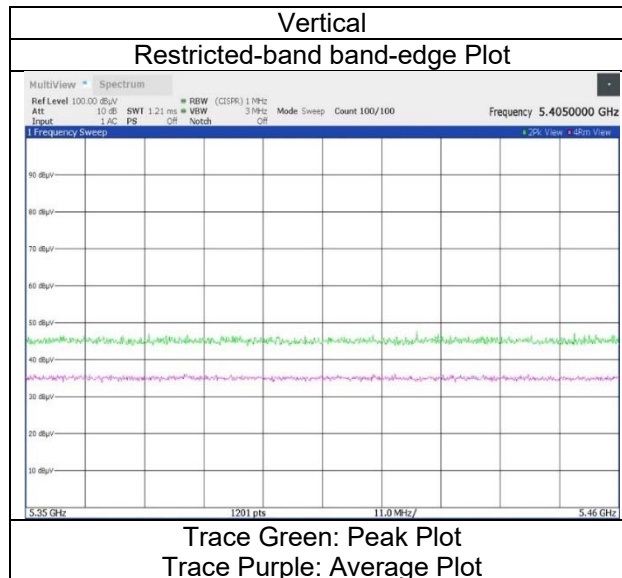
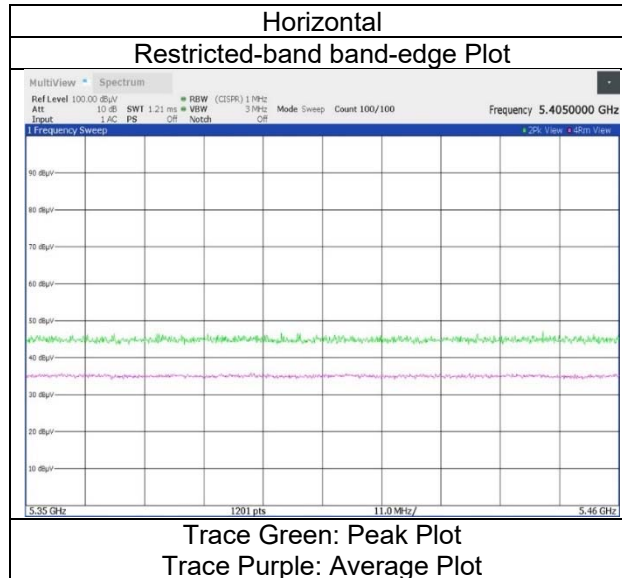
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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]

Radiated Spurious Emission

Mode	Tx 11ac-20, MIMO 5320 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20, MIMO 5500 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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	47.45	32.30	-26.98	-	2.22	54.99	73.9	18.9	392	354	-
Hori.	11000.000	PK	46.70	37.22	-32.81	-	-9.54	41.57	73.9	32.3	150	0	Floor Noise
Hori.	11000.000	AV	36.15	37.22	-32.81	-	-9.54	31.02	53.9	22.8	150	0	Floor Noise
Vert.	5460.000	PK	47.05	32.30	-26.98	-	2.22	54.59	73.9	19.3	360	350	-
Vert.	11000.000	PK	47.06	37.22	-32.81	-	-9.54	41.93	73.9	31.9	150	0	Floor Noise
Vert.	11000.000	AV	36.88	37.22	-32.81	-	-9.54	31.75	53.9	22.1	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 : $20\log(3.87 [m] / 3.0 [m]) = 2.22 [dB]$

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	36.45	32.30	-26.98	-	0.11	2.22	44.10	53.9	9.8 *1)	-
Vert.	5460.000	AV	36.45	32.30	-26.98	-	0.11	2.22	44.10	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)

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

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.60	32.35	-26.97	-	-	2.22	55.20	-40.03	-27.0	13.0	392	354	-
Hori.	16500.000	PK	47.88	39.60	-30.79	-	-	-9.54	47.15	-48.08	-27.0	21.0	150	0	Floor Noise
Hori.	22000.000	PK	48.34	40.25	13.08	47.32	-	-9.54	44.81	-50.42	-27.0	23.4	160	269	-
Vert.	5470.000	PK	47.80	32.35	-26.97	-	-	2.22	55.40	-39.83	-27.0	12.8	360	350	-
Vert.	16500.000	PK	47.70	39.60	-30.79	-	-	-9.54	46.97	-48.26	-27.0	21.2	150	0	Floor Noise
Vert.	22000.000	PK	46.32	40.25	13.08	47.32	-	-9.54	42.79	-52.44	-27.0	25.4	184	249	-

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

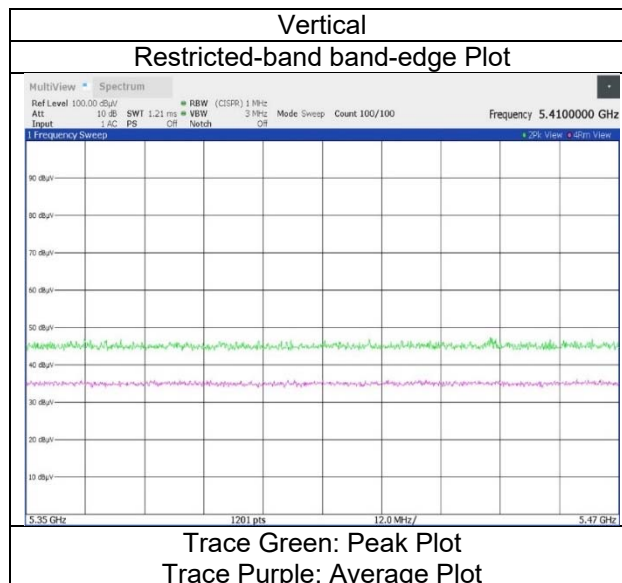
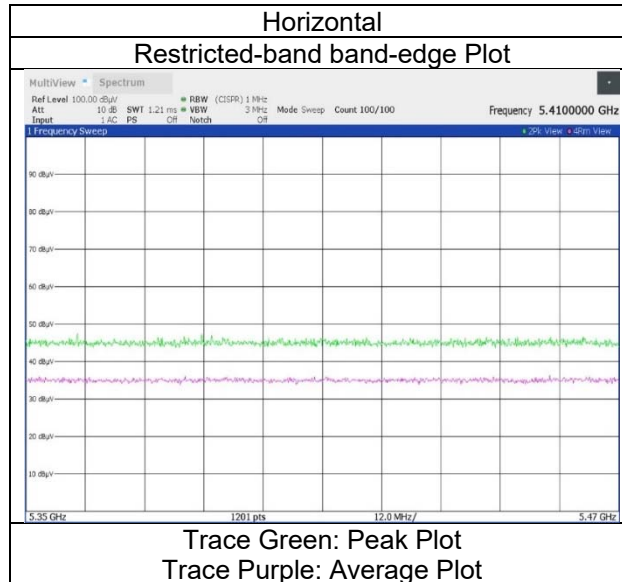
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ac-20, MIMO 5500 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20, MIMO 5580 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	1 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	11160.000	PK	46.24	37.14	-32.76	-	-9.54	41.08	73.9	32.8	150	0	Floor Noise
Hori.	22320.000	PK	46.52	40.28	13.20	47.32	-9.54	43.14	73.9	30.7	157	92	-
Hori.	11160.000	AV	35.60	37.14	-32.76	-	-9.54	30.44	53.9	23.4	150	0	Floor Noise
Vert.	11160.000	PK	46.57	37.14	-32.76	-	-9.54	41.41	73.9	32.4	150	0	Floor Noise
Vert.	22320.000	PK	45.47	40.28	13.20	47.32	-9.54	42.09	73.9	31.8	183	32	-
Vert.	11160.000	AV	35.29	37.14	-32.76	-	-9.54	30.13	53.9	23.7	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) + 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.	22320.000	AV	40.40	40.28	13.20	47.32	0.11	-9.54	37.13	53.9	16.7	-
Vert.	22320.000	AV	39.72	40.28	13.20	47.32	0.11	-9.54	36.45	53.9	17.4	-

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.	16740.000	PK	47.53	39.16	-30.59	-	-	-9.54	46.56	-48.67	-27.0	21.6	150	0	Floor Noise
Vert.	16740.000	PK	47.32	39.16	-30.59	-	-	-9.54	46.35	-48.88	-27.0	21.8	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 : $20\log(3.87[m]/3.0[m]) = 2.22[dB]$

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

Radiated Spurious Emission

Mode	Tx 11ac-20, MIMO 5700 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	11400.000	PK	47.11	37.42	-32.72	-	-9.54	42.27	73.9	31.6	150	0	Floor Noise
Hori.	22800.000	PK	44.61	40.20	13.33	47.20	-9.54	41.40	73.9	32.5	164	208	-
Hori.	11400.000	AV	36.04	37.42	-32.72	-	-9.54	31.20	53.9	22.7	150	0	Floor Noise
Vert.	11400.000	PK	45.84	37.42	-32.72	-	-9.54	41.00	73.9	32.9	150	0	Floor Noise
Vert.	22800.000	PK	45.91	40.20	13.33	47.20	-9.54	42.70	73.9	31.2	184	63	-
Vert.	11400.000	AV	36.07	37.42	-32.72	-	-9.54	31.23	53.9	22.6	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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.	22800.000	AV	39.12	40.20	13.33	47.20	0.11	-9.54	36.02	53.9	17.8	-
Vert.	22800.000	AV	39.86	40.20	13.33	47.20	0.11	-9.54	36.76	53.9	17.1	-

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	47.88	32.98	-26.89	-	-	2.22	56.19	-39.04	-27.0	12.0	392	358	-
Hori.	17100.000	PK	47.35	39.57	-30.26	-	-	-9.54	47.12	-48.11	-27.0	21.1	150	0	Floor Noise
Vert.	5725.000	PK	48.77	32.98	-26.89	-	-	2.22	57.08	-38.15	-27.0	11.1	237	8	-
Vert.	17100.000	PK	46.08	39.57	-30.26	-	-	-9.54	45.85	-49.38	-27.0	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) + Duty Fac. + Distance Fac.

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

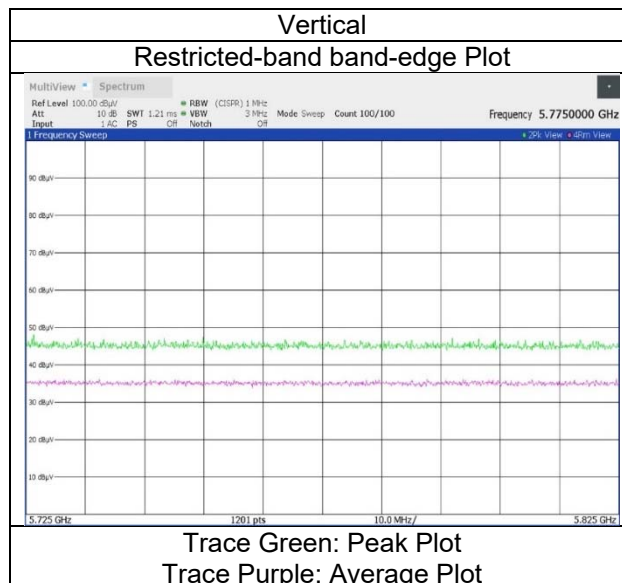
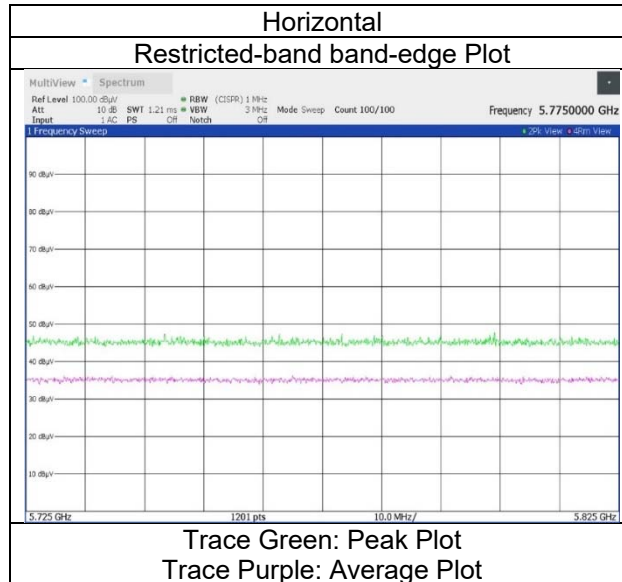
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-20, MIMO 5700 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20, MIMO 5745 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	11490.000	PK	46.95	37.50	-32.69	-	-9.54	42.22	73.9	31.6	150	0	Floor Noise
Hori.	22980.000	PK	45.68	40.16	13.37	47.13	-9.54	42.54	73.9	31.3	155	265	-
Hori.	11490.000	AV	36.15	37.50	-32.69	-	-9.54	31.42	53.9	22.4	150	0	Floor Noise
Vert.	11490.000	PK	46.74	37.50	-32.69	-	-9.54	42.01	73.9	31.8	150	0	Floor Noise
Vert.	22980.000	PK	44.97	40.16	13.37	47.13	-9.54	41.83	73.9	32.0	176	249	-
Vert.	11490.000	AV	36.35	37.50	-32.69	-	-9.54	31.62	53.9	22.2	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) + 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.	22980.000	AV	40.24	40.16	13.37	47.13	0.11	-9.54	37.21	53.9	16.6	-
Vert.	22980.000	AV	38.29	40.16	13.37	47.13	0.11	-9.54	35.26	53.9	18.6	-

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	47.07	32.99	-26.91	-	-	2.22	55.37	-39.86	-27.0	12.8	384	355	-
Hori.	5700.000	PK	47.85	33.00	-26.90	-	-	2.22	56.17	-39.06	10.0	49.0	384	355	-
Hori.	5720.000	PK	47.92	32.98	-26.89	-	-	2.22	56.23	-39.00	15.6	54.6	384	355	-
Hori.	5725.000	PK	49.77	32.98	-26.89	-	-	2.22	58.08	-37.15	27.0	64.1	384	355	-
Hori.	17235.000	PK	47.67	39.88	-30.13	-	-	-9.54	47.88	-47.35	-27.0	20.3	150	0	Floor Noise
Vert.	5650.000	PK	47.23	32.99	-26.91	-	-	2.22	55.53	-39.70	-27.0	12.7	319	6	-
Vert.	5700.000	PK	47.61	33.00	-26.90	-	-	2.22	55.93	-39.30	10.0	49.3	319	6	-
Vert.	5720.000	PK	49.17	32.98	-26.89	-	-	2.22	57.48	-37.75	15.6	53.3	319	6	-
Vert.	5725.000	PK	49.87	32.98	-26.89	-	-	2.22	58.18	-37.05	27.0	64.0	319	6	-
Vert.	17235.000	PK	47.22	39.88	-30.13	-	-	-9.54	47.43	-47.80	-27.0	20.8	150	0	Floor Noise

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

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

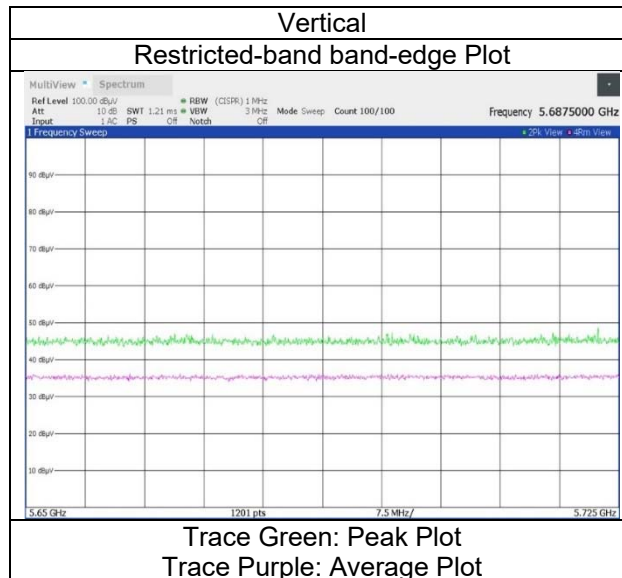
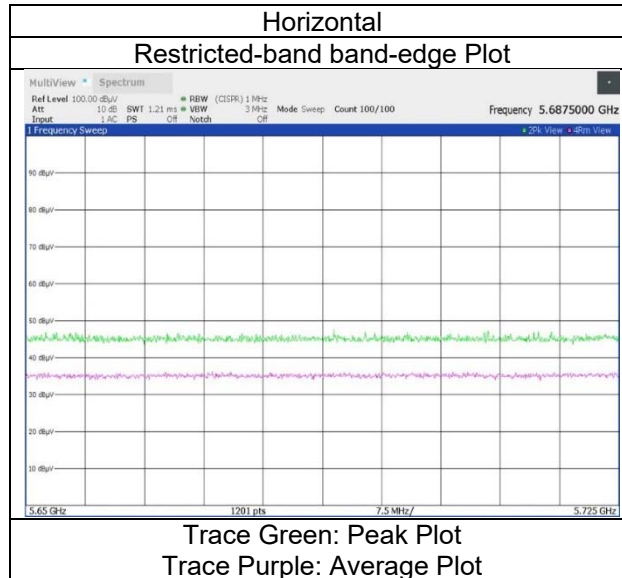
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-20, MIMO 5500 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20, MIMO 5785 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	1 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	11570.000	PK	46.05	37.53	-32.68	-	-9.54	41.36	73.9	32.5	150	0	Floor Noise
Hori.	11570.000	AV	35.83	37.53	-32.68	-	-9.54	31.14	53.9	22.7	150	0	Floor Noise
Vert.	11570.000	PK	45.46	37.53	-32.68	-	-9.54	40.77	73.9	33.1	150	0	Floor Noise
Vert.	11570.000	AV	35.71	37.53	-32.68	-	-9.54	31.02	53.9	22.8	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 : $20\log(1.00[m] / 3.0[m]) = -9.54[dB]$

(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.	17355.000	PK	46.40	40.06	-29.99	-	-	-9.54	46.93	-48.30	-27.0	21.3	150	0	Floor Noise
Hori.	23140.000	PK	45.21	40.13	13.43	47.01	-	-9.54	42.22	-53.01	-27.0	26.0	159	243	-
Vert.	17355.000	PK	45.87	40.06	-29.99	-	-	-9.54	46.40	-48.83	-27.0	21.8	150	0	Floor Noise
Vert.	23140.000	PK	45.07	40.13	13.43	47.01	-	-9.54	42.08	-53.15	-27.0	26.1	174	35	-

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

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

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

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

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

Radiated Spurious Emission

Mode	Tx 11ac-20, MIMO 5825 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
April 14, 2025	SAC3	29 deg. C	23 % RH	Yuta Shiba	Below 1 GHz
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

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

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	43.022	QP	44.10	13.67	6.68	32.18	0.00	32.27	40.0	7.7	400	154	-
Hori.	45.438	QP	43.50	12.81	6.73	32.18	0.00	30.86	40.0	9.1	400	191	-
Hori.	47.701	QP	44.40	11.97	6.75	32.18	0.00	30.94	40.0	9.0	400	71	-
Hori.	55.157	QP	49.70	9.42	6.72	32.18	0.00	33.66	40.0	6.3	400	44	-
Hori.	57.544	QP	52.50	8.75	6.64	32.17	0.00	35.72	40.0	4.2	400	238	-
Hori.	60.621	QP	51.20	7.98	6.54	32.17	0.00	33.55	40.0	6.4	360	257	-
Hori.	62.442	QP	49.40	7.63	6.51	32.17	0.00	31.37	40.0	8.6	338	67	-
Hori.	69.466	QP	52.40	6.60	6.74	32.16	0.00	33.58	40.0	6.4	289	230	-
Hori.	11650.000	PK	46.49	37.58	-32.67	-	-9.54	41.86	73.9	32.0	150	0	Floor Noise
Hori.	11650.000	AV	36.31	37.58	-32.67	-	-9.54	31.68	53.9	22.2	150	0	Floor Noise
Vert.	43.262	QP	44.50	13.59	6.69	32.18	0.00	32.60	40.0	7.4	100	102	-
Vert.	45.423	QP	41.70	12.81	6.73	32.18	0.00	29.06	40.0	10.9	100	290	-
Vert.	60.673	QP	46.10	7.97	6.53	32.17	0.00	28.43	40.0	11.5	100	300	-
Vert.	69.646	QP	48.60	6.59	6.75	32.16	0.00	29.78	40.0	10.2	100	130	-
Vert.	11650.000	PK	46.63	37.58	-32.67	-	-9.54	42.00	73.9	31.9	150	0	Floor Noise
Vert.	11650.000	AV	36.21	37.58	-32.67	-	-9.54	31.58	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 : 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]

(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	47.39	32.98	-26.87	-	-	2.22	55.72	-39.51	27.0	66.5	368	357	-
Hori.	5855.000	PK	47.11	32.99	-26.87	-	-	2.22	55.45	-39.78	15.6	55.3	368	357	-
Hori.	5875.000	PK	47.44	33.01	-26.87	-	-	2.22	55.80	-39.43	10.0	49.4	368	357	-
Hori.	5925.000	PK	47.35	33.10	-26.85	-	-	2.22	55.82	-39.41	-27.0	12.4	368	357	-
Hori.	7766.667	PK	48.43	36.76	-34.30	-	-	2.22	53.11	-42.12	-27.0	15.1	373	63	-
Hori.	17475.000	PK	47.55	40.13	-29.87	-	-	-9.54	48.27	-46.96	-27.0	19.9	150	0	Floor Noise
Hori.	23300.000	PK	45.92	40.14	13.49	46.89	-	-9.54	43.12	-52.11	-27.0	25.1	159	252	-
Vert.	5850.000	PK	47.57	32.98	-26.87	-	-	2.22	55.90	-39.33	27.0	66.3	291	345	-
Vert.	5855.000	PK	47.16	32.99	-26.87	-	-	2.22	55.50	-39.73	15.6	55.3	291	345	-
Vert.	5875.000	PK	47.53	33.01	-26.87	-	-	2.22	55.89	-39.34	10.0	49.3	291	345	-
Vert.	5925.000	PK	47.12	33.10	-26.85	-	-	2.22	55.59	-39.64	-27.0	12.6	291	345	-
Vert.	7766.667	PK	48.79	36.76	-34.30	-	-	2.22	53.47	-41.76	-27.0	14.7	341	36	-
Vert.	17475.000	PK	46.98	40.13	-29.87	-	-	-9.54	47.70	-47.53	-27.0	20.5	150	0	Floor Noise
Vert.	23300.000	PK	46.43	40.14	13.49	46.89	-	-9.54	43.63	-51.60	-27.0	24.6	126	250	-

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)

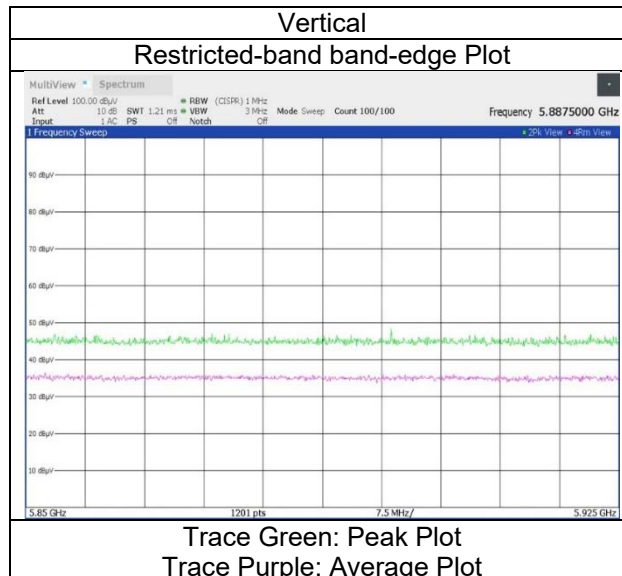
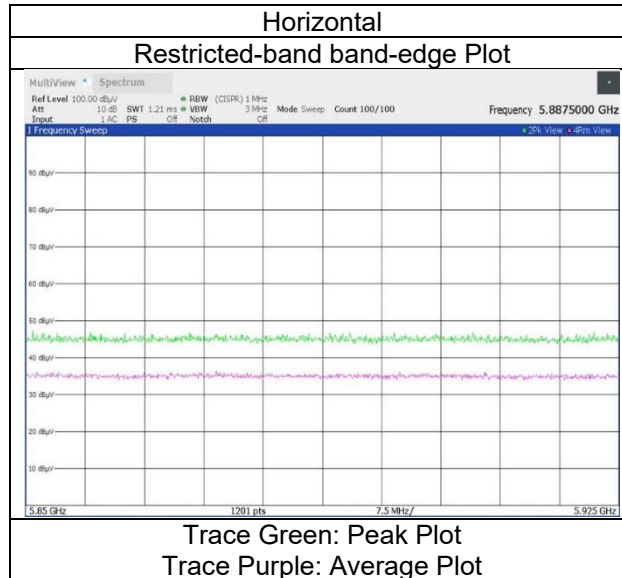
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-20, MIMO 5825 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20 (OFDM), MIMO 5180 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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	47.41	32.12	-27.36	-	2.22	54.39	73.9	19.5	396	7	-
Hori.	15540.000	PK	46.34	39.31	-31.24	-	-9.54	44.87	73.9	29.0	150	0	Floor Noise
Hori.	20720.000	PK	45.89	40.12	12.67	47.00	-9.54	42.14	73.9	31.7	216	248	-
Hori.	15540.000	AV	36.34	39.31	-31.24	-	-9.54	34.87	53.9	19.0	150	0	Floor Noise
Vert.	5150.000	PK	47.98	32.12	-27.36	-	2.22	54.96	73.9	18.9	207	2	-
Vert.	15540.000	PK	46.29	39.31	-31.24	-	-9.54	44.82	73.9	29.0	150	0	Floor Noise
Vert.	20720.000	PK	45.36	40.12	12.67	47.00	-9.54	41.61	73.9	32.2	207	11	-
Vert.	15540.000	AV	36.21	39.31	-31.24	-	-9.54	34.74	53.9	19.1	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 : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

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	36.31	32.12	-27.36	-	0.19	2.22	43.48	53.9	10.4	*1)
Hori.	20720.000	AV	41.36	40.12	12.67	47.00	0.19	-9.54	37.80	53.9	16.1	-
Vert.	5150.000	AV	36.65	32.12	-27.36	-	0.19	2.22	43.82	53.9	10.0	*1)
Vert.	20720.000	AV	37.93	40.12	12.67	47.00	0.19	-9.54	34.37	53.9	19.5	-

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.

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.	6906.667	PK	49.26	35.86	-35.04	-	-	2.22	52.30	-42.93	-27.0	15.9	360	337	-
Hori.	10360.000	PK	46.45	36.02	-33.30	-	-	-9.54	39.63	-55.60	-27.0	28.6	150	0	Floor Noise
Vert.	6906.667	PK	50.90	35.86	-35.04	-	-	2.22	53.94	-41.29	-27.0	14.2	392	19	-
Vert.	10360.000	PK	46.50	36.02	-33.30	-	-	-9.54	39.68	-55.55	-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] = $10 * \log((10 * (\text{Result [dBuV/m]} / 20) * 10^{(-6)} * \text{Distance : 3 [m]})^2 / 30 * 10^{(-3)})$

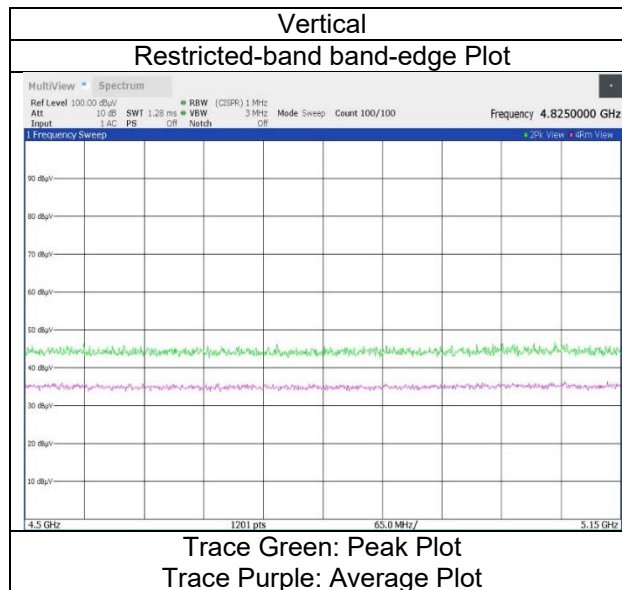
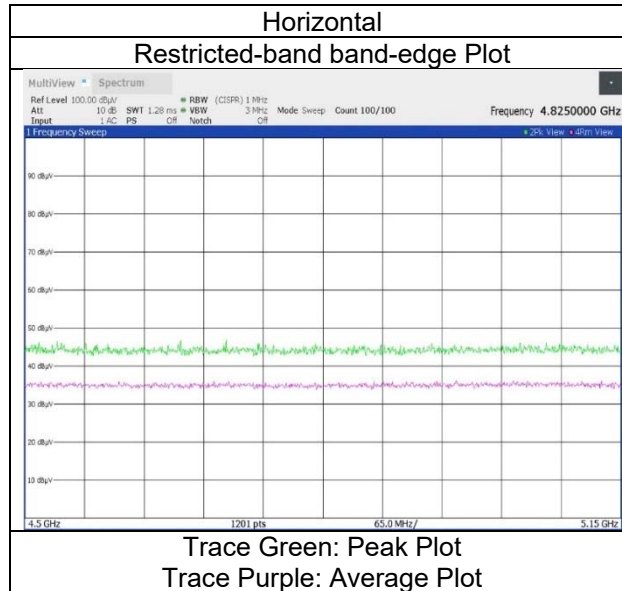
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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 11ax-20 (OFDM), MIMO 5180 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20 (OFDM), MIMO 5240 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	1 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	15720.000	PK	46.49	39.47	-31.35	-	-9.54	45.07	73.9	28.8	150	0	Floor Noise
Hori.	20960.000	PK	45.89	40.05	12.74	47.07	-9.54	42.07	73.9	31.8	207	220	-
Hori.	15720.000	AV	36.87	39.47	-31.35	-	-9.54	35.45	53.9	18.4	150	0	Floor Noise
Vert.	15720.000	PK	47.39	39.47	-31.35	-	-9.54	45.97	73.9	27.9	150	0	Floor Noise
Vert.	20960.000	PK	45.36	40.05	12.74	47.07	-9.54	41.54	73.9	32.3	179	11	-
Vert.	15720.000	AV	36.81	39.47	-31.35	-	-9.54	35.39	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	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	20960.000	AV	39.87	40.05	12.74	47.07	0.19	-9.54	36.24	53.9	17.6	-
Vert.	20960.000	AV	38.00	40.05	12.74	47.07	0.19	-9.54	34.37	53.9	19.5	-

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	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.	6986.667	PK	48.23	35.80	-35.02	-	-	2.22	51.23	-44.00	-27.0	17.0	386	319	-
Hori.	10480.000	PK	46.67	36.25	-33.08	-	-	-9.54	40.30	-54.93	-27.0	27.9	150	0	Floor Noise
Vert.	6986.667	PK	49.88	35.80	-35.02	-	-	2.22	52.88	-42.35	-27.0	15.3	375	18	-
Vert.	10480.000	PK	46.32	36.25	-33.08	-	-	-9.54	39.95	-55.28	-27.0	28.2	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) + Duty Fac. + Distance Fac.

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

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

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

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

Radiated Spurious Emission

Mode	Tx 11ax-20 (OFDM), MIMO 5320 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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	46.80	31.88	-27.12	-	2.22	53.78	73.9	20.1	395	4	-
Hori.	10640.000	PK	45.98	36.97	-32.98	-	-9.54	40.43	73.9	33.4	150	0	Floor Noise
Hori.	15960.000	PK	46.91	39.67	-31.50	-	-9.54	45.54	73.9	28.3	150	0	Floor Noise
Hori.	21280.000	PK	45.77	40.09	12.85	47.05	-9.54	42.12	73.9	31.7	208	243	-
Hori.	10640.000	AV	35.96	36.97	-32.98	-	-9.54	30.41	53.9	23.4	150	0	Floor Noise
Hori.	15960.000	AV	36.75	39.67	-31.50	-	-9.54	35.38	53.9	18.5	150	0	Floor Noise
Vert.	5350.000	PK	47.71	31.88	-27.12	-	2.22	54.69	73.9	19.2	244	359	-
Vert.	10640.000	PK	46.46	36.97	-32.98	-	-9.54	40.91	73.9	32.9	150	0	Floor Noise
Vert.	15960.000	PK	47.37	39.67	-31.50	-	-9.54	46.00	73.9	27.9	150	0	Floor Noise
Vert.	21280.000	PK	45.04	40.09	12.85	47.05	-9.54	41.39	73.9	32.5	187	98	-
Vert.	10640.000	AV	36.16	36.97	-32.98	-	-9.54	30.61	53.9	23.2	150	0	Floor Noise
Vert.	15960.000	AV	36.77	39.67	-31.50	-	-9.54	35.40	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 : 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	36.26	31.88	-27.12	-	0.19	2.22	43.43	53.9	10.4	*1)
Hori.	21280.000	AV	40.96	40.09	12.85	47.05	0.19	-9.54	37.50	53.9	16.4	-
Vert.	5350.000	AV	36.33	31.88	-27.12	-	0.19	2.22	43.50	53.9	10.4	*1)
Vert.	21280.000	AV	38.30	40.09	12.85	47.05	0.19	-9.54	34.84	53.9	19.0	-

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 : 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.	7093.333	PK	47.77	35.84	-34.90	-	-	2.22	50.93	-44.30	-27.0	17.3	395	321	-
Vert.	7093.333	PK	49.21	35.84	-34.90	-	-	2.22	52.37	-42.86	-27.0	15.8	372	19	-

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)

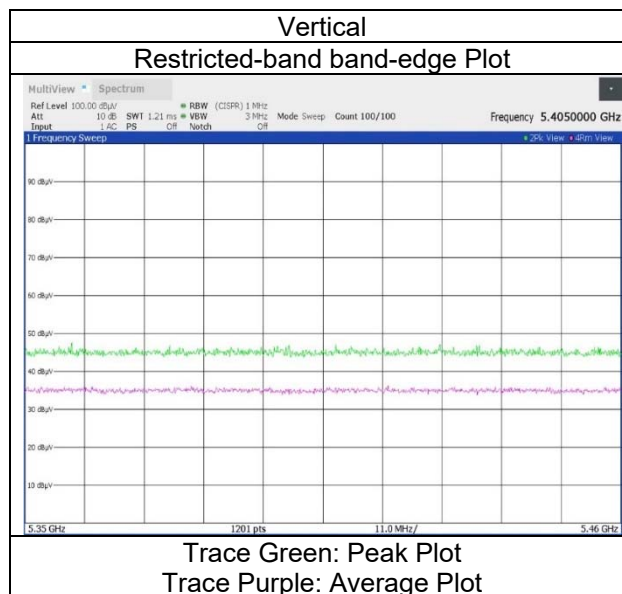
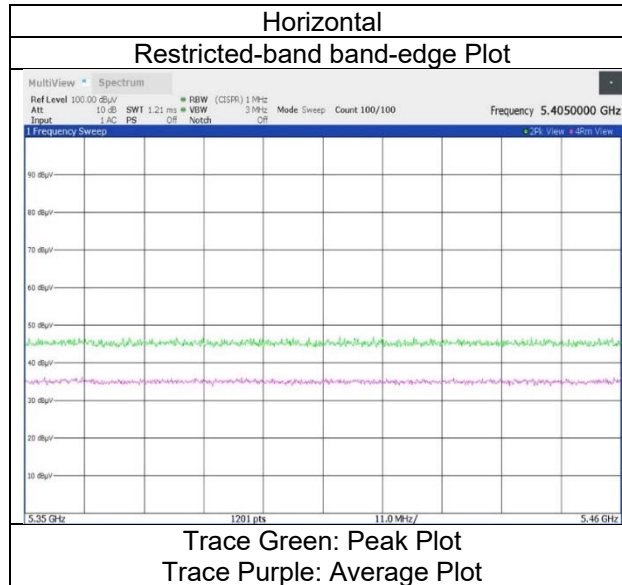
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-20 (OFDM), MIMO 5320 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20 (OFDM), MIMO 5500 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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	47.49	32.30	-26.98	-	2.22	55.03	73.9	18.8	400	2	-
Hori.	11000.000	PK	47.31	37.22	-32.81	-	-9.54	42.18	73.9	31.7	150	0	Floor Noise
Hori.	11000.000	AV	36.31	37.22	-32.81	-	-9.54	31.18	53.9	22.7	150	0	Floor Noise
Vert.	5460.000	PK	47.06	32.30	-26.98	-	2.22	54.60	73.9	19.3	345	349	-
Vert.	11000.000	PK	46.07	37.22	-32.81	-	-9.54	40.94	73.9	32.9	150	0	Floor Noise
Vert.	11000.000	AV	36.73	37.22	-32.81	-	-9.54	31.60	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 : 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	36.59	32.30	-26.98	-	0.19	2.22	44.32	53.9	9.5	*1)
Vert.	5460.000	AV	36.44	32.30	-26.98	-	0.19	2.22	44.17	53.9	9.7	*1)

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

Distance Fac.: 1 GHz to 10 GHz : 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	47.56	32.35	-26.97	-	-	2.22	55.16	-40.07	-27.0	13.0	400	2	-
Hori.	16500.000	PK	47.02	39.60	-30.79	-	-	-9.54	46.29	-48.94	-27.0	21.9	150	0	Floor Noise
Hori.	22000.000	PK	48.16	40.25	13.08	47.32	-	-9.54	44.63	-50.60	-27.0	23.6	164	269	-
Vert.	5470.000	PK	47.14	32.35	-26.97	-	-	2.22	54.74	-40.49	-27.0	13.4	345	349	-
Vert.	16500.000	PK	47.35	39.60	-30.79	-	-	-9.54	46.62	-48.61	-27.0	21.6	150	0	Floor Noise
Vert.	22000.000	PK	46.57	40.25	13.08	47.32	-	-9.54	43.04	-52.19	-27.0	25.1	183	249	-

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)

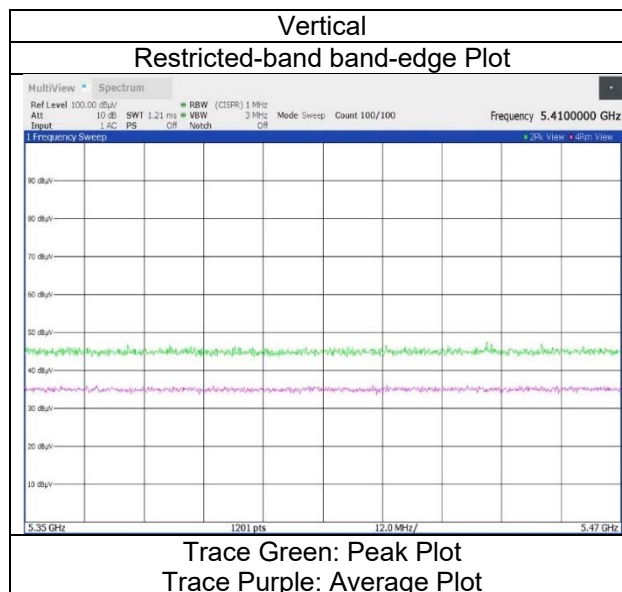
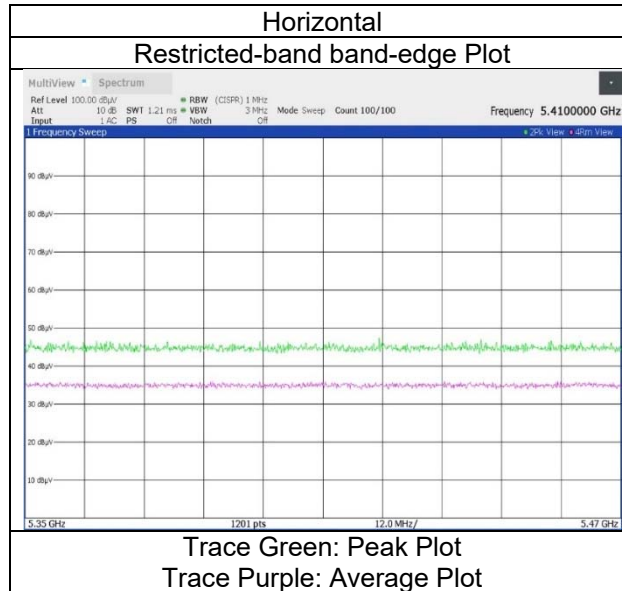
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-20 (OFDM), MIMO 5500 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20 (OFDM), MIMO 5580 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	1 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	11160.000	PK	45.70	37.14	-32.76	-	-9.54	40.54	73.9	33.3	150	0	Floor Noise
Hori.	22320.000	PK	46.94	40.28	13.20	47.32	-9.54	43.56	73.9	30.3	156	93	-
Hori.	11160.000	AV	35.73	37.14	-32.76	-	-9.54	30.57	53.9	23.3	150	0	Floor Noise
Vert.	11160.000	PK	45.63	37.14	-32.76	-	-9.54	40.47	73.9	33.4	150	0	Floor Noise
Vert.	22320.000	PK	45.03	40.28	13.20	47.32	-9.54	41.65	73.9	32.2	182	32	-
Vert.	11160.000	AV	35.52	37.14	-32.76	-	-9.54	30.36	53.9	23.5	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 : $20\log(3.87\text{ [m]} / 3.0\text{ [m]}) = 2.22\text{ [dB]}$

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	22320.000	AV	40.24	40.28	13.20	47.32	0.19	-9.54	37.05	53.9	16.8	-
Vert.	22320.000	AV	39.96	40.28	13.20	47.32	0.19	-9.54	36.77	53.9	17.1	-

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

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

Duty factor refer to "Burst rate confirmation" sheet.

(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.	16740.000	PK	47.65	39.16	-30.59	-	-	-9.54	46.68	-48.55	-27.0	21.5	150	0	Floor Noise
Vert.	16740.000	PK	47.37	39.16	-30.59	-	-	-9.54	46.40	-48.83	-27.0	21.8	150	0	Floor Noise

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

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

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

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

Radiated Spurious Emission

Mode	Tx 11ax-20 (OFDM), MIMO 5700 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	11400.000	PK	46.14	37.42	-32.72	-	-9.54	41.30	73.9	32.6	150	0	Floor Noise
Hori.	22800.000	PK	45.86	40.20	13.33	47.20	-9.54	42.65	73.9	31.2	165	208	-
Hori.	11400.000	AV	36.09	37.42	-32.72	-	-9.54	31.25	53.9	22.6	150	0	Floor Noise
Vert.	11400.000	PK	46.48	37.42	-32.72	-	-9.54	41.64	73.9	32.2	150	0	Floor Noise
Vert.	22800.000	PK	44.28	40.20	13.33	47.20	-9.54	41.07	73.9	32.8	145	66	-
Vert.	11400.000	AV	35.81	37.42	-32.72	-	-9.54	30.97	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 : 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.	22800.000	AV	38.87	40.20	13.33	47.20	0.19	-9.54	35.85	53.9	18.0	-
Vert.	22800.000	AV	38.76	40.20	13.33	47.20	0.19	-9.54	35.74	53.9	18.1	-

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 : 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.	5725.000	PK	47.39	32.98	-26.89	-	-	2.22	55.70	-39.53	-27.0	12.5	397	358	-
Hori.	17100.000	PK	46.10	39.57	-30.26	-	-	-9.54	45.87	-49.36	-27.0	22.3	150	0	Floor Noise
Vert.	5725.000	PK	47.46	32.98	-26.89	-	-	2.22	55.77	-39.46	-27.0	12.4	341	2	-
Vert.	17100.000	PK	46.76	39.57	-30.26	-	-	-9.54	46.53	-48.70	-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 ^ (Result [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

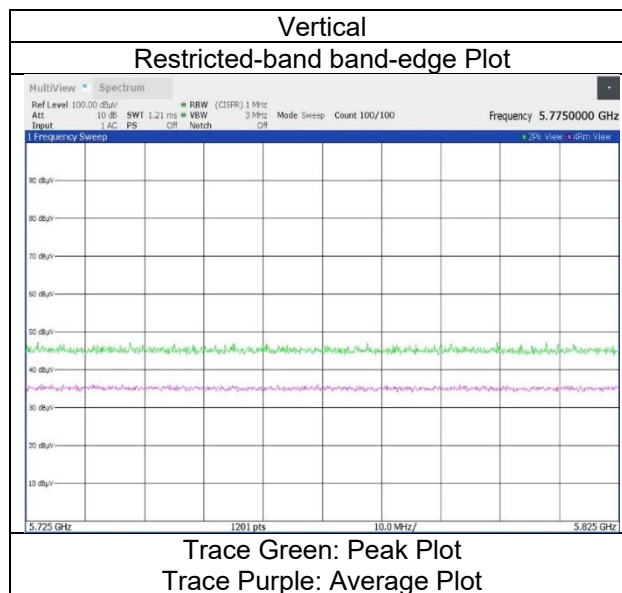
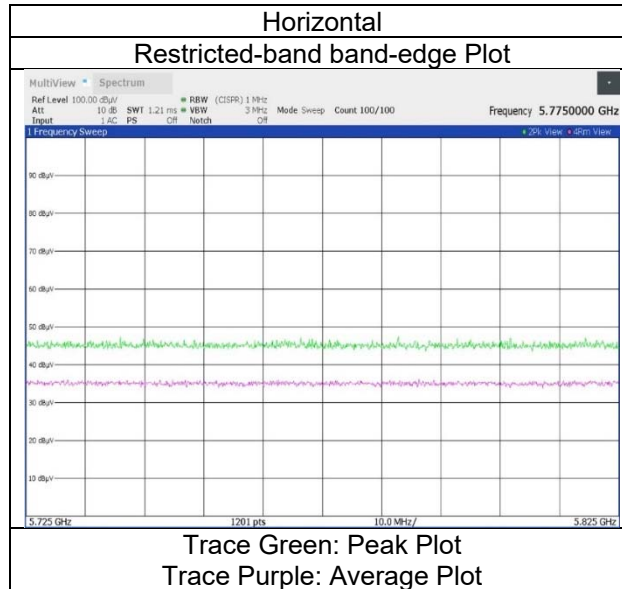
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-20 (OFDM), MIMO 5700 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20 (OFDM), MIMO 5745 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	11490.000	PK	46.16	37.50	-32.69	-	-9.54	41.43	73.9	32.4	150	0	Floor Noise
Hori.	22980.000	PK	45.56	40.16	13.37	47.13	-9.54	42.42	73.9	31.4	154	265	-
Hori.	11490.000	AV	35.71	37.50	-32.69	-	-9.54	30.98	53.9	22.9	150	0	Floor Noise
Vert.	11490.000	PK	46.19	37.50	-32.69	-	-9.54	41.46	73.9	32.4	150	0	Floor Noise
Vert.	22980.000	PK	44.92	40.16	13.37	47.13	-9.54	41.78	73.9	32.1	171	249	-
Vert.	11490.000	AV	35.62	37.50	-32.69	-	-9.54	30.89	53.9	23.0	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.	22980.000	AV	41.26	40.16	13.37	47.13	0.19	-9.54	38.31	53.9	15.5	-
Vert.	22980.000	AV	39.63	40.16	13.37	47.13	0.19	-9.54	36.68	53.9	17.2	-

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	47.42	32.99	-26.91	-	-	2.22	55.72	-39.51	-27.0	12.5	382	355	-
Hori.	5700.000	PK	47.67	33.00	-26.90	-	-	2.22	55.99	-39.24	10.0	49.2	382	355	-
Hori.	5720.000	PK	47.82	32.98	-26.89	-	-	2.22	56.13	-39.10	15.6	54.7	382	355	-
Hori.	5725.000	PK	47.71	32.98	-26.89	-	-	2.22	56.02	-39.21	27.0	66.2	382	355	-
Hori.	17235.000	PK	46.30	39.88	-30.13	-	-	-9.54	46.51	-48.72	-27.0	21.7	150	0	Floor Noise
Vert.	5650.000	PK	47.34	32.99	-26.91	-	-	2.22	55.64	-39.59	-27.0	12.5	322	7	-
Vert.	5700.000	PK	47.58	33.00	-26.90	-	-	2.22	55.90	-39.33	10.0	49.3	322	7	-
Vert.	5720.000	PK	47.41	32.98	-26.89	-	-	2.22	55.72	-39.51	15.6	55.1	322	7	-
Vert.	5725.000	PK	47.79	32.98	-26.89	-	-	2.22	56.10	-39.13	27.0	66.1	322	7	-
Vert.	17235.000	PK	47.55	39.88	-30.13	-	-	-9.54	47.76	-47.47	-27.0	20.4	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)

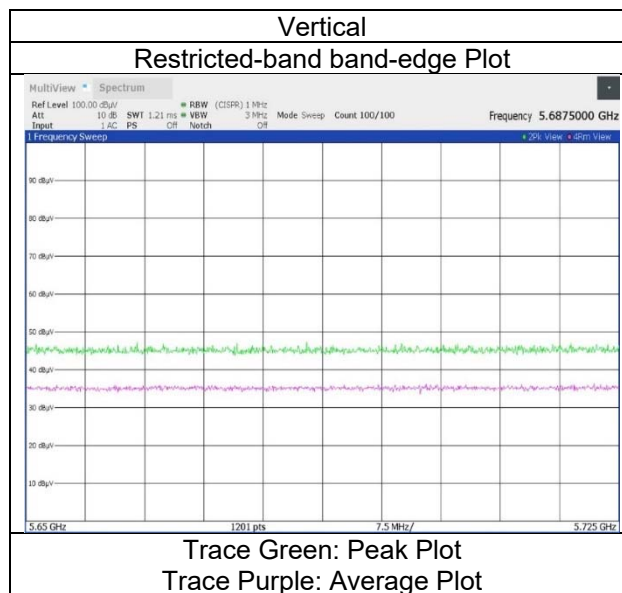
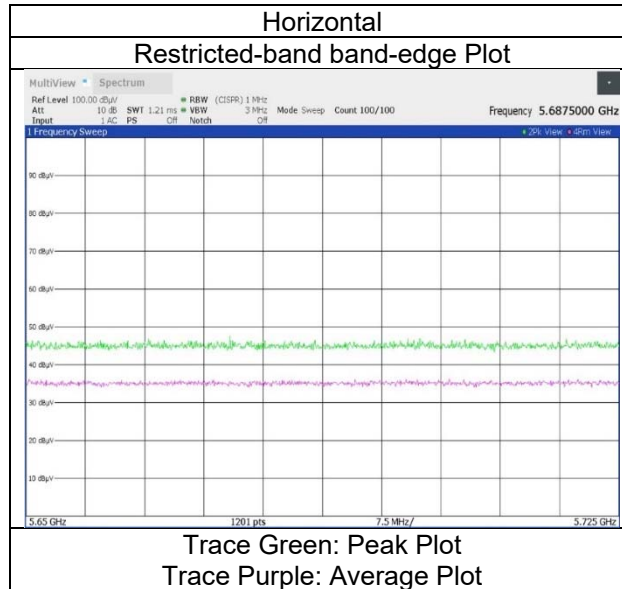
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-20 (OFDM), MIMO 5745 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20 (OFDM), MIMO 5785 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	1 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	11570.000	PK	46.17	37.53	-32.68	-	-9.54	41.48	73.9	32.4	150	0	Floor Noise
Hori.	11570.000	AV	35.83	37.53	-32.68	-	-9.54	31.14	53.9	22.7	150	0	Floor Noise
Vert.	11570.000	PK	45.78	37.53	-32.68	-	-9.54	41.09	73.9	32.8	150	0	Floor Noise
Vert.	11570.000	AV	36.18	37.53	-32.68	-	-9.54	31.49	53.9	22.4	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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 : $20\log(1.00[m] / 3.0[m]) = -9.54[dB]$

(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.	17355.000	PK	46.63	40.06	-29.99	-	-	-9.54	47.16	-48.07	-27.0	21.0	150	0	Floor Noise
Hori.	23140.000	PK	46.38	40.13	13.43	47.01	-	-9.54	43.39	-51.84	-27.0	24.8	162	243	-
Vert.	17355.000	PK	46.80	40.06	-29.99	-	-	-9.54	47.33	-47.90	-27.0	20.9	150	0	Floor Noise
Vert.	23140.000	PK	44.57	40.13	13.43	47.01	-	-9.54	41.58	-53.65	-27.0	26.6	171	36	-

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

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

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

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

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

Radiated Spurious Emission

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

(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.	11650.000	PK	46.44	37.58	-32.67	-	-9.54	41.81	73.9	32.0	150	0	Floor Noise
Hori.	11650.000	AV	36.14	37.58	-32.67	-	-9.54	31.51	53.9	22.3	150	0	Floor Noise
Vert.	11650.000	PK	46.47	37.58	-32.67	-	-9.54	41.84	73.9	32.0	150	0	Floor Noise
Vert.	11650.000	AV	36.09	37.58	-32.67	-	-9.54	31.46	53.9	22.4	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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 : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

(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	47.74	32.98	-26.87	-	-	2.22	56.07	-39.16	27.0	66.1	399	1	-
Hori.	5855.000	PK	47.37	32.99	-26.87	-	-	2.22	55.71	-39.52	15.6	55.1	399	1	-
Hori.	5875.000	PK	46.81	33.01	-26.87	-	-	2.22	55.17	-40.06	10.0	50.0	399	1	-
Hori.	5925.000	PK	47.27	33.10	-26.85	-	-	2.22	55.74	-39.49	-27.0	12.4	399	1	-
Hori.	7766.667	PK	48.46	36.76	-34.30	-	-	2.22	53.14	-42.09	-27.0	15.0	388	60	-
Hori.	17475.000	PK	47.35	40.13	-29.87	-	-	-9.54	48.07	-47.16	-27.0	20.1	150	0	Floor Noise
Hori.	23300.000	PK	46.34	40.14	13.49	46.89	-	-9.54	43.54	-51.69	-27.0	24.6	157	252	-
Vert.	5850.000	PK	47.82	32.98	-26.87	-	-	2.22	56.15	-39.08	27.0	66.0	392	349	-
Vert.	5855.000	PK	47.50	32.99	-26.87	-	-	2.22	55.84	-39.39	15.6	54.9	392	349	-
Vert.	5875.000	PK	47.43	33.01	-26.87	-	-	2.22	55.79	-39.44	10.0	49.4	392	349	-
Vert.	5925.000	PK	47.43	33.10	-26.85	-	-	2.22	55.90	-39.33	-27.0	12.3	392	349	-
Vert.	7766.667	PK	48.78	36.76	-34.30	-	-	2.22	53.46	-41.77	-27.0	14.7	372	19	-
Vert.	17475.000	PK	47.27	40.13	-29.87	-	-	-9.54	47.99	-47.24	-27.0	20.2	150	0	Floor Noise
Vert.	23300.000	PK	46.70	40.14	13.49	46.89	-	-9.54	43.90	-51.33	-27.0	24.3	127	251	-

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

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

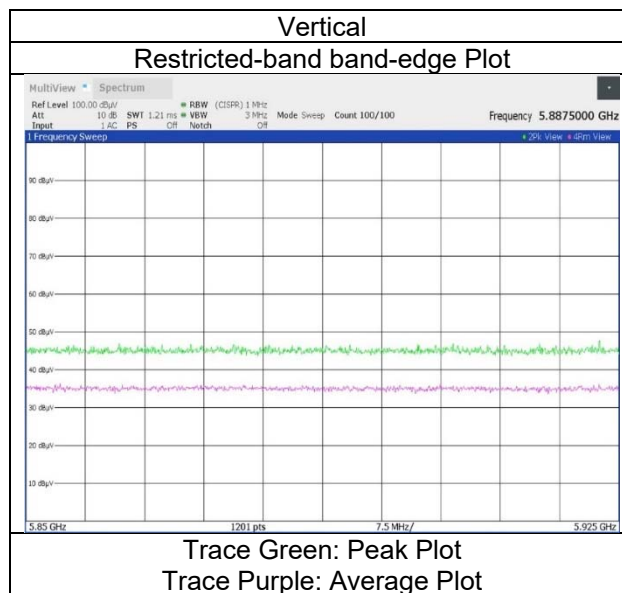
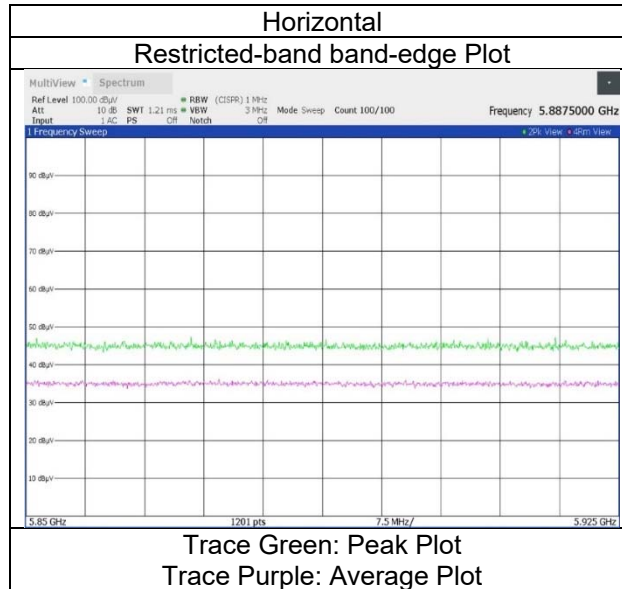
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-20 (OFDM), MIMO 5825 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-20 (OFDMA), 26-tone RU, RU Index 0, MIMO 5180 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.34	32.12	-27.36	-	2.22	54.32	73.9	19.5	375	6	
Vert.	5150.000	PK	48.07	32.12	-27.36	-	2.22	55.05	73.9	18.8	212	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.	5150.000	AV	36.56	32.12	-27.36	-	0.23	2.22	43.77	53.9	10.1	*1)
Vert.	5150.000	AV	36.32	32.12	-27.36	-	0.23	2.22	43.53	53.9	10.3	*1)

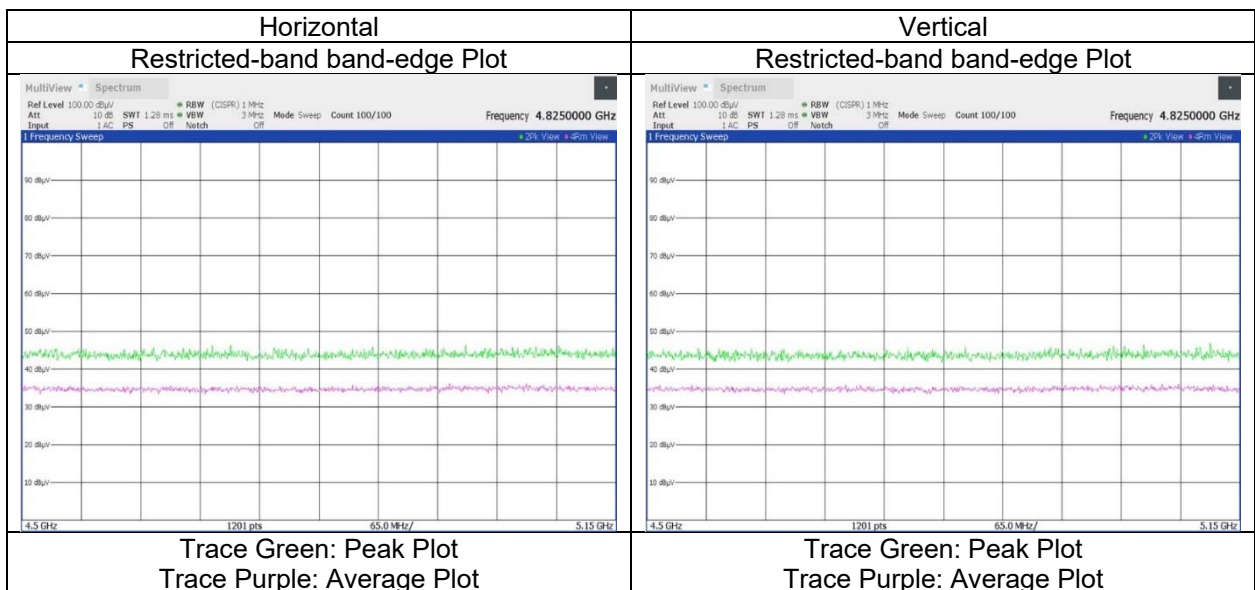
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 26-tone RU, RU Index 8, MIMO 5320 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.75	31.88	-27.12	-	2.22	54.73	73.9	19.1	372	349	-
Vert.	5350.000	PK	46.98	31.88	-27.12	-	2.22	53.96	73.9	19.9	244	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.	5350.000	AV	36.04	31.88	-27.12	-	0.23	2.22	43.25	53.9	10.6	*1)
Vert.	5350.000	AV	36.08	31.88	-27.12	-	0.23	2.22	43.29	53.9	10.6	*1)

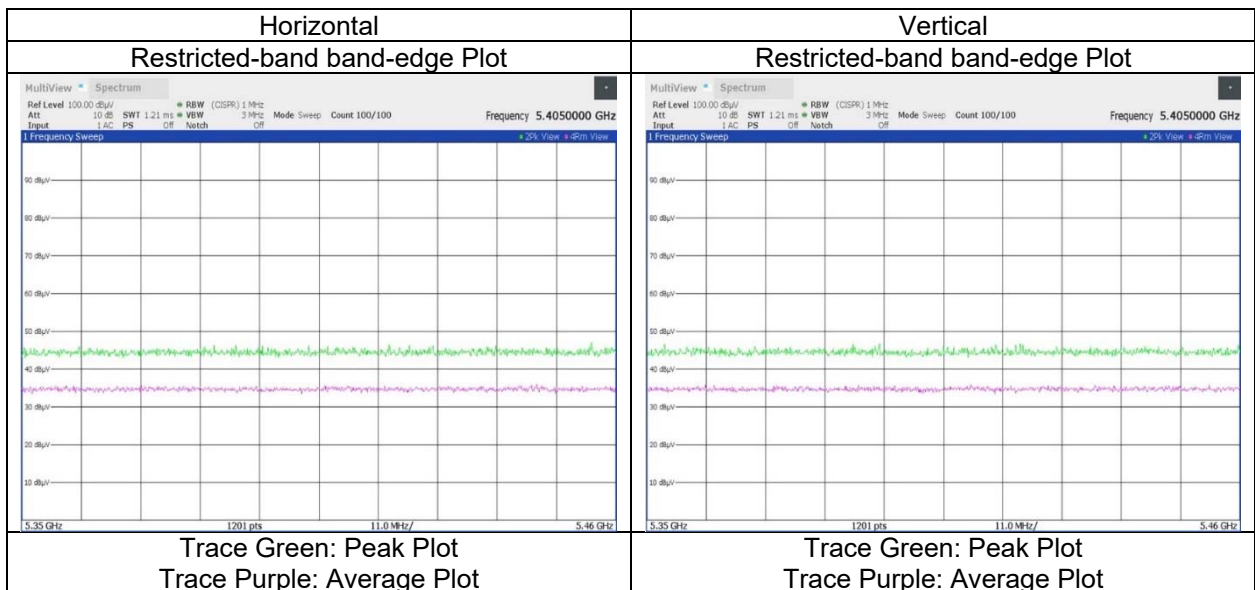
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 26-tone RU, RU Index 0, MIMO 5500 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.19	32.30	-26.98	-	2.22	54.73	73.9	19.1	366	1	-
Vert.	5460.000	PK	47.70	32.30	-26.98	-	2.22	55.24	73.9	18.6	291	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	36.29	32.30	-26.98	-	0.23	2.22	44.06	53.9	9.8	*1)
Vert.	5460.000	AV	36.38	32.30	-26.98	-	0.23	2.22	44.15	53.9	9.7	*1)

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

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

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

Duty factor refer to "Burst rate confirmation" sheet.

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

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

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.67	32.35	-26.97	-	-	2.22	55.27	-39.96	-27.0	12.9	366	1	-
Vert.	5470.000	PK	47.32	32.35	-26.97	-	-	2.22	54.92	-40.31	-27.0	13.3	291	351	-

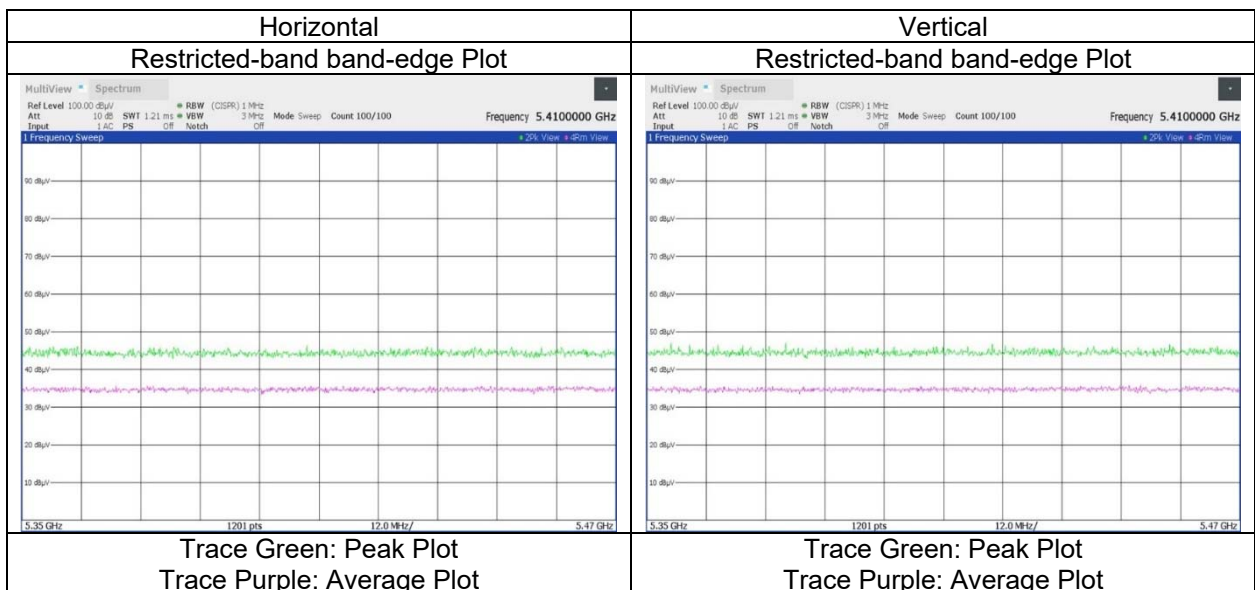
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-20 (OFDMA), 26-tone RU, RU Index 8, MIMO 5700 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.12	32.98	-26.89	-	-	2.22	55.43	-39.80	-27.0	12.8	348	350	-
Vert.	5725.000	PK	47.66	32.98	-26.89	-	-	2.22	55.97	-39.26	-27.0	12.2	386	359	-

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

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-20 (OFDMA), 26-tone RU, RU Index 0, MIMO 5745 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.02	32.99	-26.91	-	-	2.22	55.32	-39.91	-27.0	12.9	400	2	-
Hori.	5700.000	PK	48.06	33.00	-26.90	-	-	2.22	56.38	-38.85	10.0	48.8	400	2	-
Hori.	5720.000	PK	47.11	32.98	-26.89	-	-	2.22	55.42	-39.81	15.6	55.4	400	2	-
Hori.	5725.000	PK	47.22	32.98	-26.89	-	-	2.22	55.53	-39.70	27.0	66.7	400	2	-
Vert.	5650.000	PK	47.87	32.99	-26.91	-	-	2.22	56.17	-39.06	-27.0	12.0	252	10	-
Vert.	5700.000	PK	47.35	33.00	-26.90	-	-	2.22	55.67	-39.56	10.0	49.5	252	10	-
Vert.	5720.000	PK	47.34	32.98	-26.89	-	-	2.22	55.65	-39.58	15.6	55.1	252	10	-
Vert.	5725.000	PK	47.54	32.98	-26.89	-	-	2.22	55.85	-39.38	27.0	66.3	252	10	-

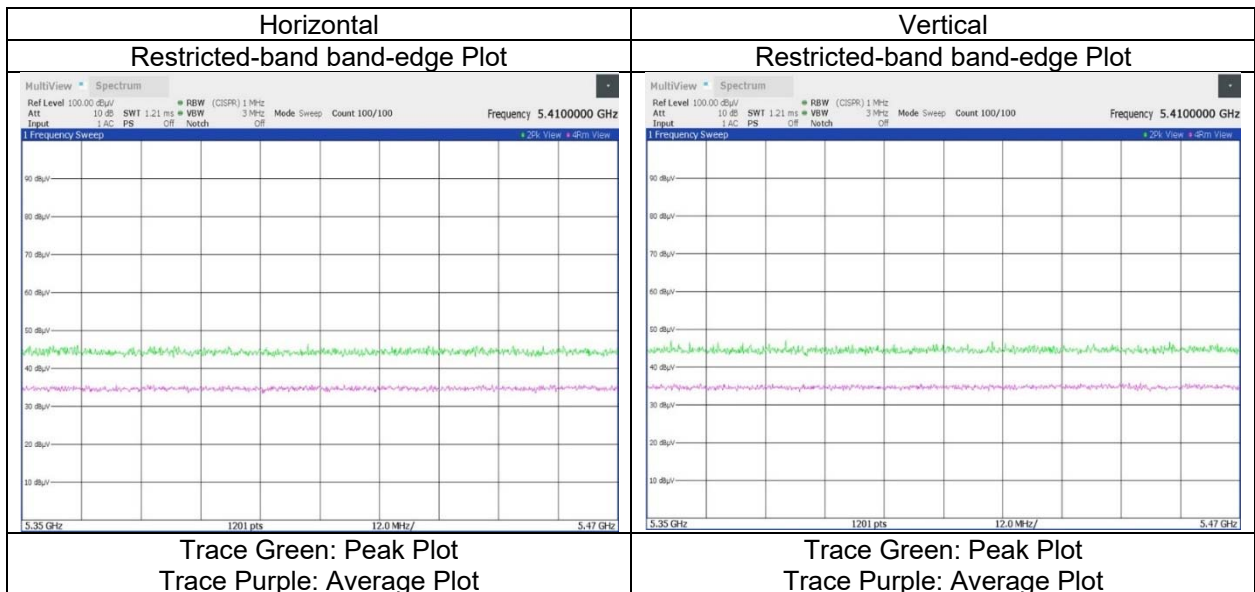
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-20 (OFDMA), 26-tone RU, RU Index 8, MIMO 5825 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	400	346	-
Hori.	5855.000	PK	46.64	32.99	-26.87	-	-	2.22	54.98	-40.25	15.6	55.8	400	346	-
Hori.	5875.000	PK	47.36	33.01	-26.87	-	-	2.22	55.72	-39.51	10.0	49.5	400	346	-
Hori.	5925.000	PK	47.13	33.10	-26.85	-	-	2.22	55.60	-39.63	-27.0	12.6	400	346	-
Vert.	5850.000	PK	47.71	32.98	-26.87	-	-	2.22	56.04	-39.19	27.0	66.1	362	358	-
Vert.	5855.000	PK	47.43	32.99	-26.87	-	-	2.22	55.77	-39.46	15.6	55.0	362	358	-
Vert.	5875.000	PK	47.33	33.01	-26.87	-	-	2.22	55.69	-39.54	10.0	49.5	362	358	-
Vert.	5925.000	PK	46.73	33.10	-26.85	-	-	2.22	55.20	-40.03	-27.0	13.0	362	358	-

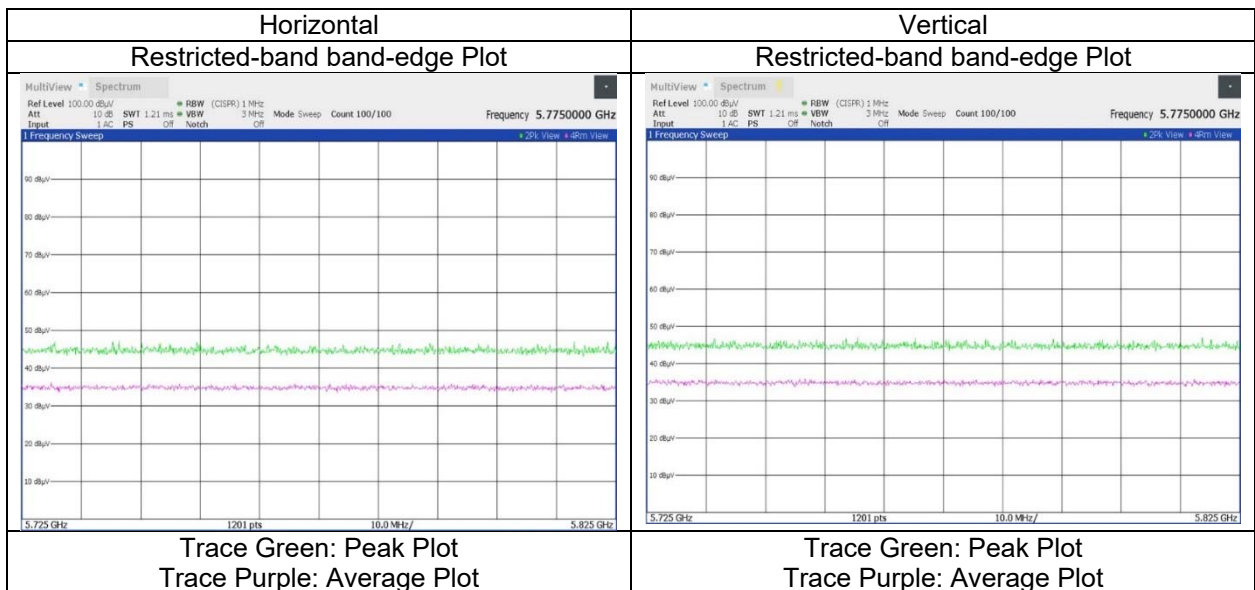
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (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-20 (OFDMA), 52-tone RU, RU Index 37, MIMO 5180 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	1 GHz to 6.4 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5150.000	PK	48.00	32.12	-27.36	-	2.22	54.98	73.9	18.9	376	4	-
Vert.	5150.000	PK	48.07	32.12	-27.36	-	2.22	55.05	73.9	18.8	214	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	36.40	32.12	-27.36	-	0.24	2.22	43.62	53.9	10.2	*1)
Vert.	5150.000	AV	36.42	32.12	-27.36	-	0.24	2.22	43.64	53.9	10.2	*1)

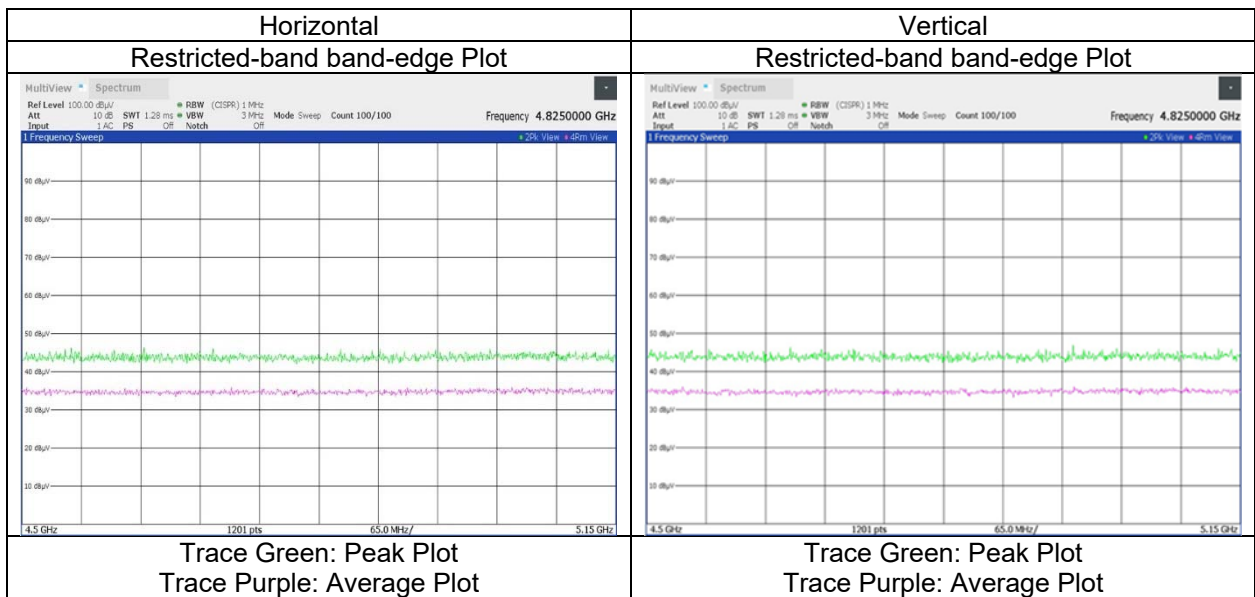
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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)



* 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-20 (OFDMA), 52-tone RU, RU Index 40, MIMO 5320 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	46.78	31.88	-27.12	-	2.22	53.76	73.9	20.1	376	348	-
Vert.	5350.000	PK	46.83	31.88	-27.12	-	2.22	53.81	73.9	20.0	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	35.85	31.88	-27.12	-	0.24	2.22	43.07	53.9	10.8	*1)
Vert.	5350.000	AV	36.09	31.88	-27.12	-	0.24	2.22	43.31	53.9	10.5	*1)

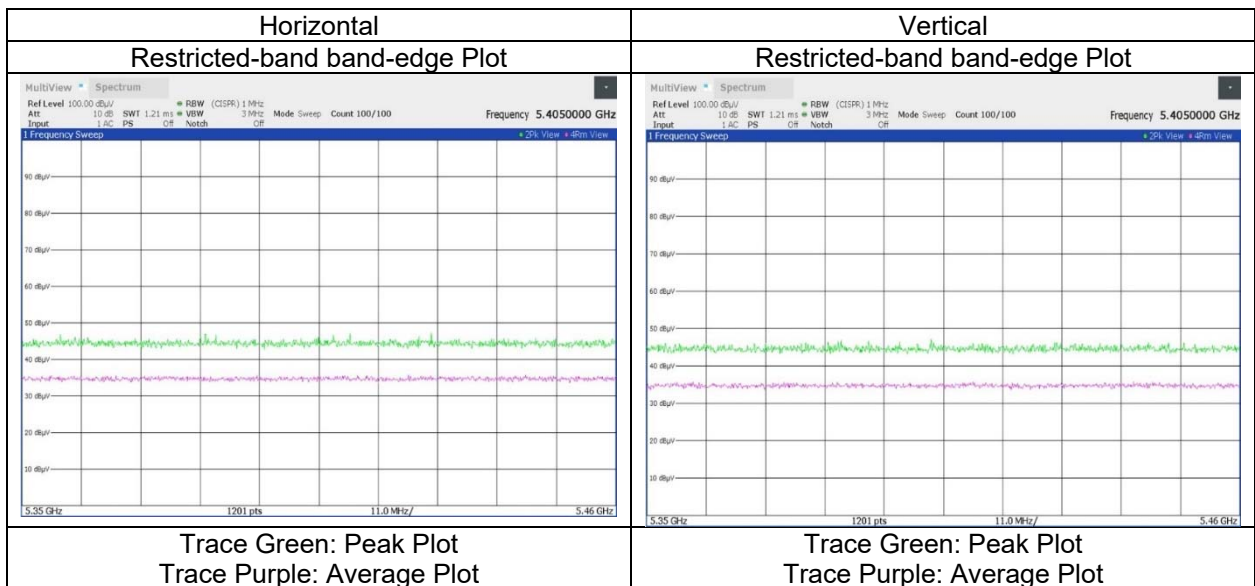
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 52-tone RU, RU Index 37, MIMO 5500 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.38	32.30	-26.98	-	2.22	54.92	73.9	18.9	372	359	-
Vert.	5460.000	PK	48.36	32.30	-26.98	-	2.22	55.90	73.9	18.0	344	349	-

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

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

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

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.02	32.30	-26.98	-	0.24	2.22	43.80	53.9	10.1	*1)
Vert.	5460.000	AV	36.30	32.30	-26.98	-	0.24	2.22	44.08	53.9	9.8	*1)

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

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

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	46.91	32.35	-26.97	-	-	2.22	54.51	-40.72	-27.0	13.7	372	359	-
Vert.	5470.000	PK	46.82	32.35	-26.97	-	-	2.22	54.42	-40.81	-27.0	13.8	344	349	-

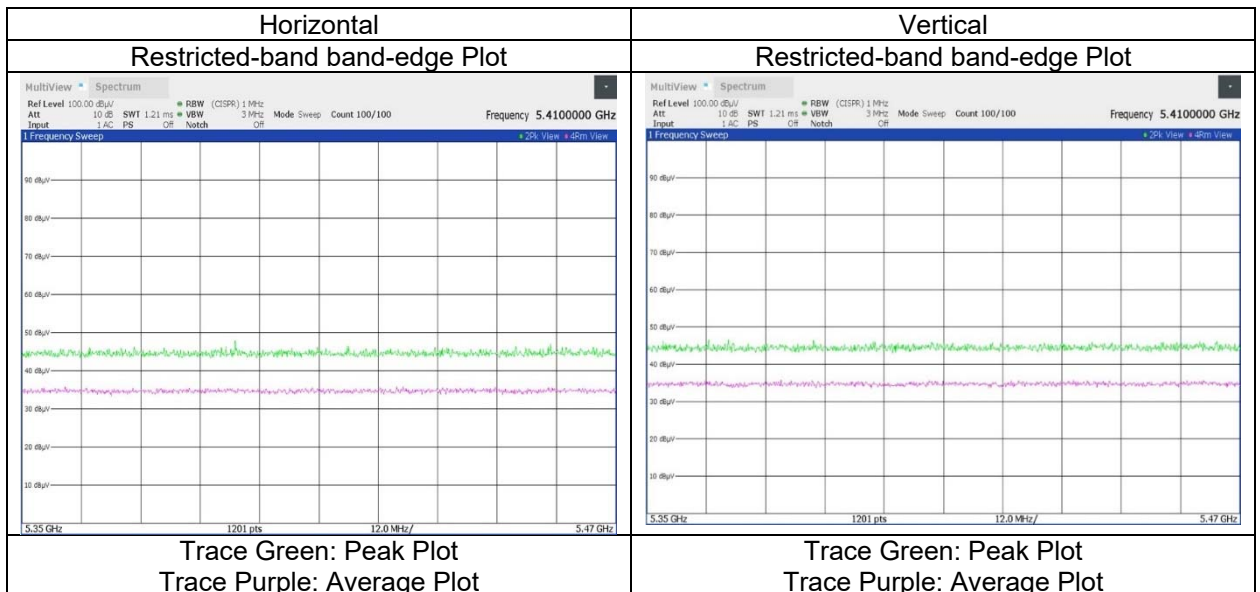
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

*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-20 (OFDMA), 52-tone RU, RU Index 40, MIMO 5700 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.08	32.98	-26.89	-	-	2.22	55.39	-39.84	-27.0	12.8	352	350	-
Vert.	5725.000	PK	47.14	32.98	-26.89	-	-	2.22	55.45	-39.78	-27.0	12.7	356	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] = $10 \cdot \text{LOG} \left((10^{\frac{\text{Result [dBuV/m]}}{20}}) \cdot 10^{\frac{(-6)}{20}} \cdot \text{Distance : 3 [m]} \right)^2 / 30 \cdot 10^{\frac{(-3)}{10}}$

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-20 (OFDMA), 52-tone RU, RU Index 37, MIMO 5745 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.25	32.99	-26.91	-	-	2.22	55.55	-39.68	-27.0	12.6	400	2	-
Hori.	5700.000	PK	47.22	33.00	-26.90	-	-	2.22	55.54	-39.69	10.0	49.6	400	2	-
Hori.	5720.000	PK	47.29	32.98	-26.89	-	-	2.22	55.60	-39.63	15.6	55.2	400	2	-
Hori.	5725.000	PK	47.95	32.98	-26.89	-	-	2.22	56.26	-38.97	27.0	65.9	400	2	-
Vert.	5650.000	PK	47.15	32.99	-26.91	-	-	2.22	55.45	-39.78	-27.0	12.7	372	349	-
Vert.	5700.000	PK	46.69	33.00	-26.90	-	-	2.22	55.01	-40.22	10.0	50.2	372	349	-
Vert.	5720.000	PK	47.41	32.98	-26.89	-	-	2.22	55.72	-39.51	15.6	55.1	372	349	-
Vert.	5725.000	PK	47.45	32.98	-26.89	-	-	2.22	55.76	-39.47	27.0	66.4	372	349	-

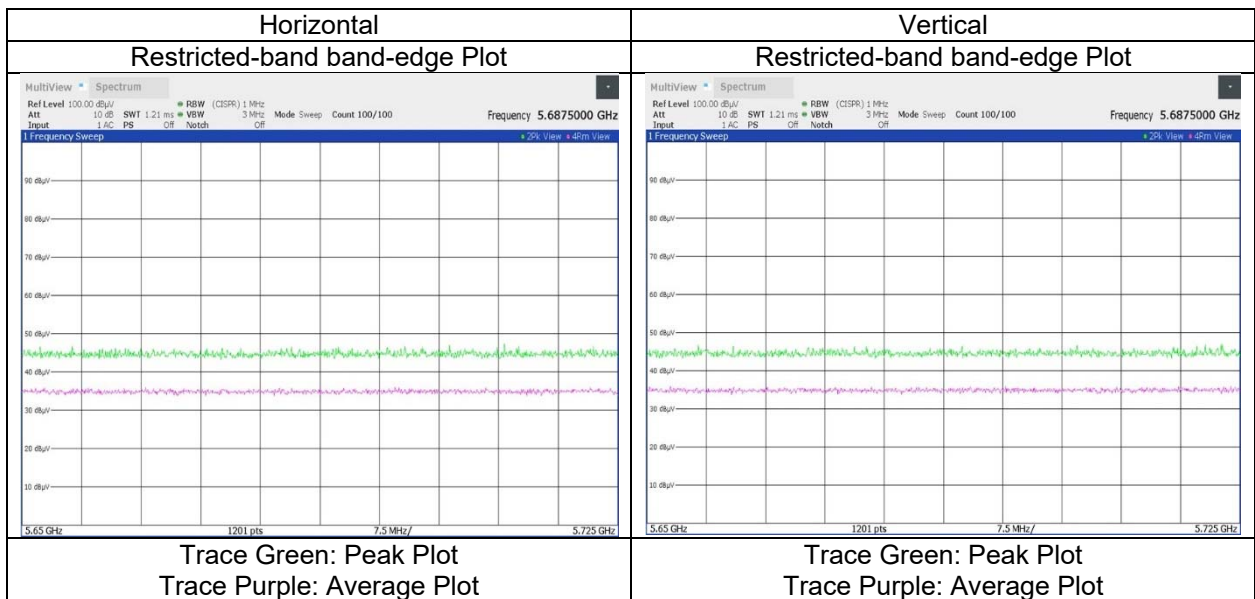
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * 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-20 (OFDMA), 52-tone RU, RU Index 40, MIMO 5825 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.77	32.98	-26.87	-	-	2.22	56.10	-39.13	27.0	66.1	390	351	-
Hori.	5855.000	PK	47.64	32.99	-26.87	-	-	2.22	55.98	-39.25	15.6	54.8	390	351	-
Hori.	5875.000	PK	47.12	33.01	-26.87	-	-	2.22	55.48	-39.75	10.0	49.7	390	351	-
Hori.	5925.000	PK	46.63	33.10	-26.85	-	-	2.22	55.10	-40.13	-27.0	13.1	390	351	-
Vert.	5850.000	PK	47.15	32.98	-26.87	-	-	2.22	55.48	-39.75	27.0	66.7	284	17	-
Vert.	5855.000	PK	47.39	32.99	-26.87	-	-	2.22	55.73	-39.50	15.6	55.1	284	17	-
Vert.	5875.000	PK	47.41	33.01	-26.87	-	-	2.22	55.77	-39.46	10.0	49.4	284	17	-
Vert.	5925.000	PK	47.03	33.10	-26.85	-	-	2.22	55.50	-39.73	-27.0	12.7	284	17	-

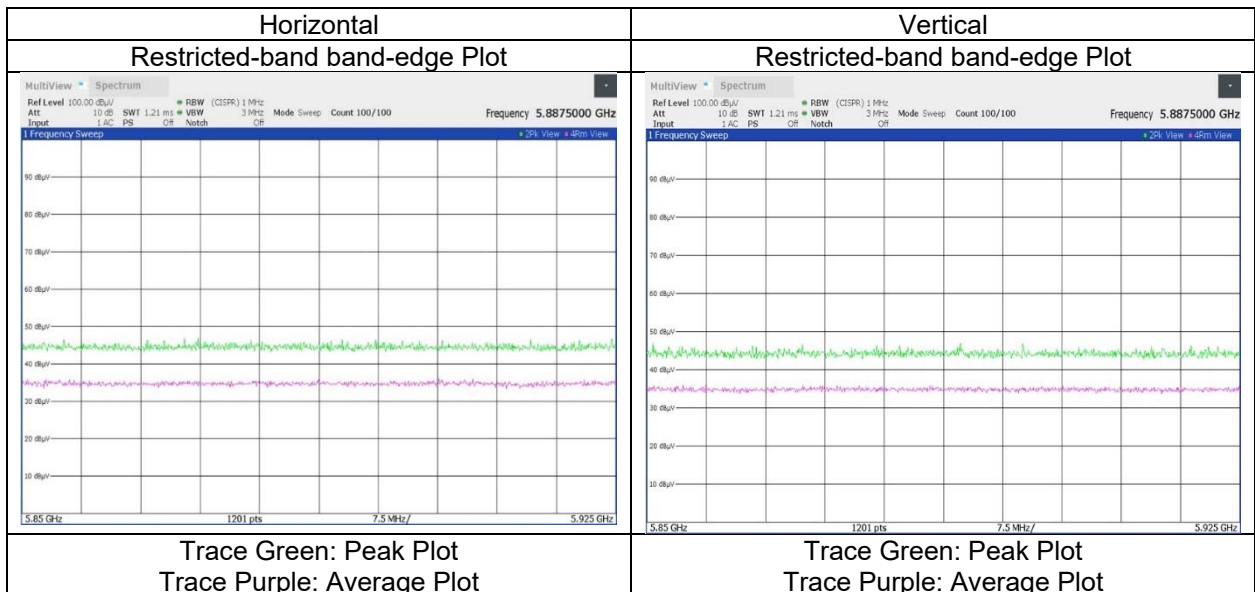
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



* 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-20 (OFDMA), 106-tone RU, RU Index 53, MIMO 5180 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.68	32.12	-27.36	-	2.22	54.66	73.9	19.2	100	0	-
Vert.	5150.000	PK	47.49	32.12	-27.36	-	2.22	54.47	73.9	19.4	213	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	36.36	32.12	-27.36	-	0.24	2.22	43.58	53.9	10.3	*1)
Vert.	5150.000	AV	36.20	32.12	-27.36	-	0.24	2.22	43.42	53.9	10.4	*1)

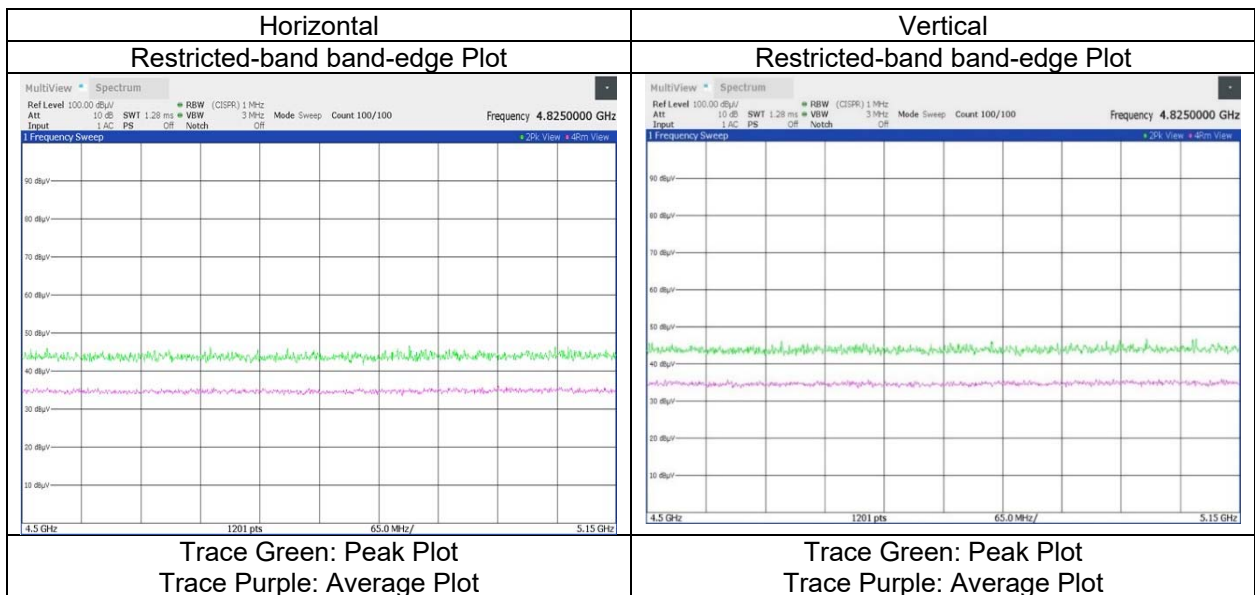
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 106-tone RU, RU Index 54, MIMO 5320 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	46.83	31.88	-27.12	-	2.22	53.81	73.9	20.0	369	351	-
Vert.	5350.000	PK	47.41	31.88	-27.12	-	2.22	54.39	73.9	19.5	259	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.	5350.000	AV	35.80	31.88	-27.12	-	0.24	2.22	43.02	53.9	10.8	*1)
Vert.	5350.000	AV	36.08	31.88	-27.12	-	0.24	2.22	43.30	53.9	10.6	*1)

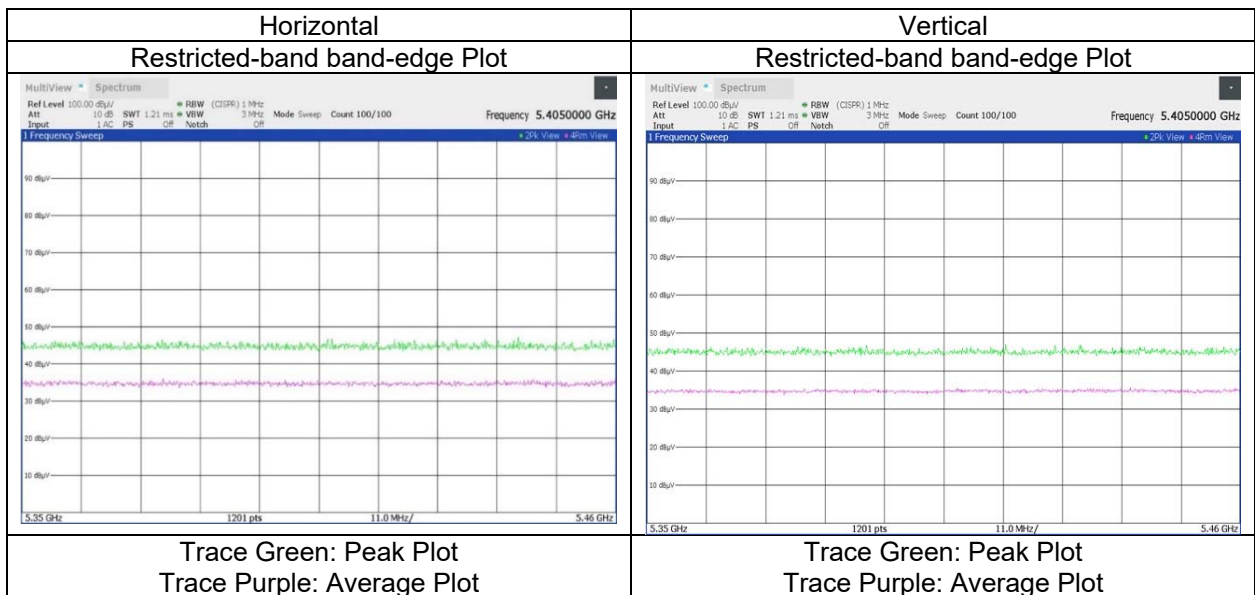
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 106-tone RU, RU Index 53, MIMO 5500 MHz														
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 20, 2025	WAC2	18 deg. C	28 % RH	Yohsuke Matsuzawa	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	47.54	32.30	-26.98	-	2.22	55.08	73.9	18.8	100	0	-
Vert.	5460.000	PK	47.30	32.30	-26.98	-	2.22	54.84	73.9	19.0	227	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) + 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	36.09	32.30	-26.98	-	0.24	2.22	43.87	53.9	10.0	*1)
Vert.	5460.000	AV	36.18	32.30	-26.98	-	0.24	2.22	43.96	53.9	9.9	*1)

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

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

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	46.17	32.35	-26.97	-	-	2.22	53.77	-41.46	-27.0	14.4	100	0	-
Vert.	5470.000	PK	46.81	32.35	-26.97	-	-	2.22	54.41	-40.82	-27.0	13.8	227	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] = $10 \cdot \text{LOG}((10 \wedge (\text{Result}[\text{dBuV/m}] / 20) \cdot 10 \wedge (-6) \cdot \text{Distance}^2 / 30) \cdot 10 \wedge 3)$

*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-20 (OFDMA), 106-tone RU, RU Index 54, MIMO 5700 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.	5725.000	PK	47.80	32.98	-26.89	-	-	2.22	56.11	-39.12	-27.0	12.1	349	351	-
Vert.	5725.000	PK	48.29	32.98	-26.89	-	-	2.22	56.60	-38.63	-27.0	11.6	313	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-20 (OFDMA), 106-tone RU, RU Index 53, MIMO 5745 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.	5650.000	PK	47.49	32.99	-26.91	-	-	2.22	55.79	-39.44	-27.0	12.4	385	350	-
Hori.	5700.000	PK	47.55	33.00	-26.90	-	-	2.22	55.87	-39.36	10.0	49.3	385	350	-
Hori.	5720.000	PK	47.93	32.98	-26.89	-	-	2.22	56.24	-38.99	15.6	54.5	385	350	-
Hori.	5725.000	PK	48.04	32.98	-26.89	-	-	2.22	56.35	-38.88	27.0	65.8	385	350	-
Vert.	5650.000	PK	47.88	32.99	-26.91	-	-	2.22	56.18	-39.05	-27.0	12.0	343	1	-
Vert.	5700.000	PK	47.96	33.00	-26.90	-	-	2.22	56.28	-38.95	10.0	48.9	343	1	-
Vert.	5720.000	PK	48.20	32.98	-26.89	-	-	2.22	56.51	-38.72	15.6	54.3	343	1	-
Vert.	5725.000	PK	48.28	32.98	-26.89	-	-	2.22	56.59	-38.64	27.0	65.6	343	1	-

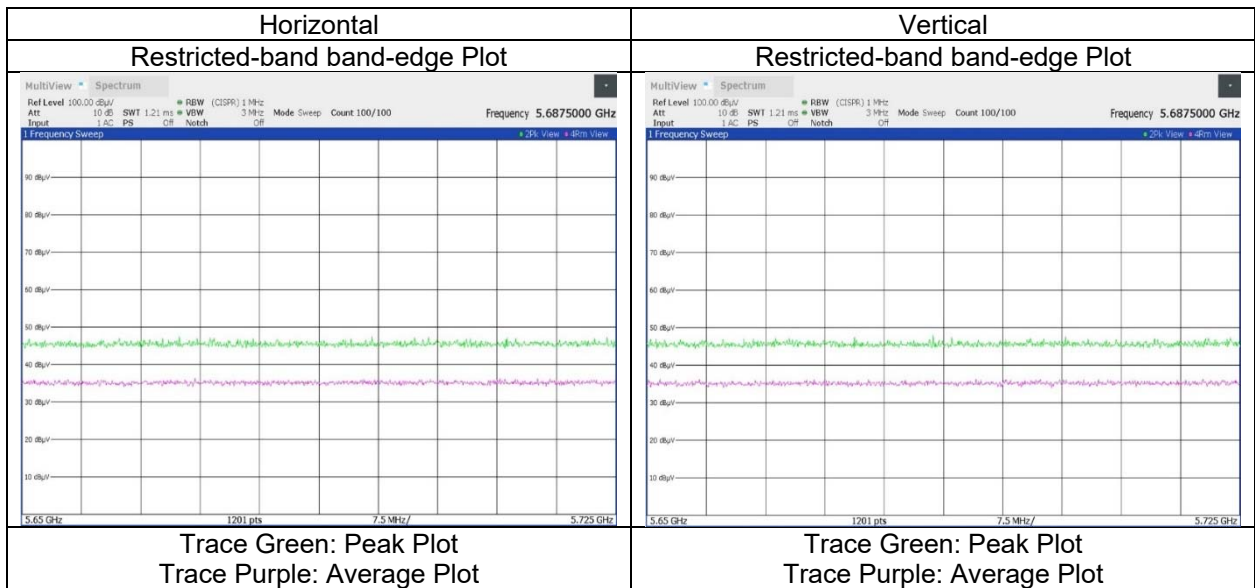
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 106-tone RU, RU Index 54, MIMO 5825 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	47.67	32.98	-26.87	-	-	2.22	56.00	-39.23	27.0	66.2	372	356	-
Hori.	5855.000	PK	47.63	32.99	-26.87	-	-	2.22	55.97	-39.26	15.6	54.8	372	356	-
Hori.	5875.000	PK	47.73	33.01	-26.87	-	-	2.22	56.09	-39.14	10.0	49.1	372	356	-
Hori.	5925.000	PK	47.50	33.10	-26.85	-	-	2.22	55.97	-39.26	-27.0	12.2	372	356	-
Vert.	5850.000	PK	47.93	32.98	-26.87	-	-	2.22	56.26	-38.97	27.0	65.9	367	357	-
Vert.	5855.000	PK	47.51	32.99	-26.87	-	-	2.22	55.85	-39.38	15.6	54.9	367	357	-
Vert.	5875.000	PK	47.75	33.01	-26.87	-	-	2.22	56.11	-39.12	10.0	49.1	367	357	-
Vert.	5925.000	PK	47.81	33.10	-26.85	-	-	2.22	56.28	-38.95	-27.0	11.9	367	357	-

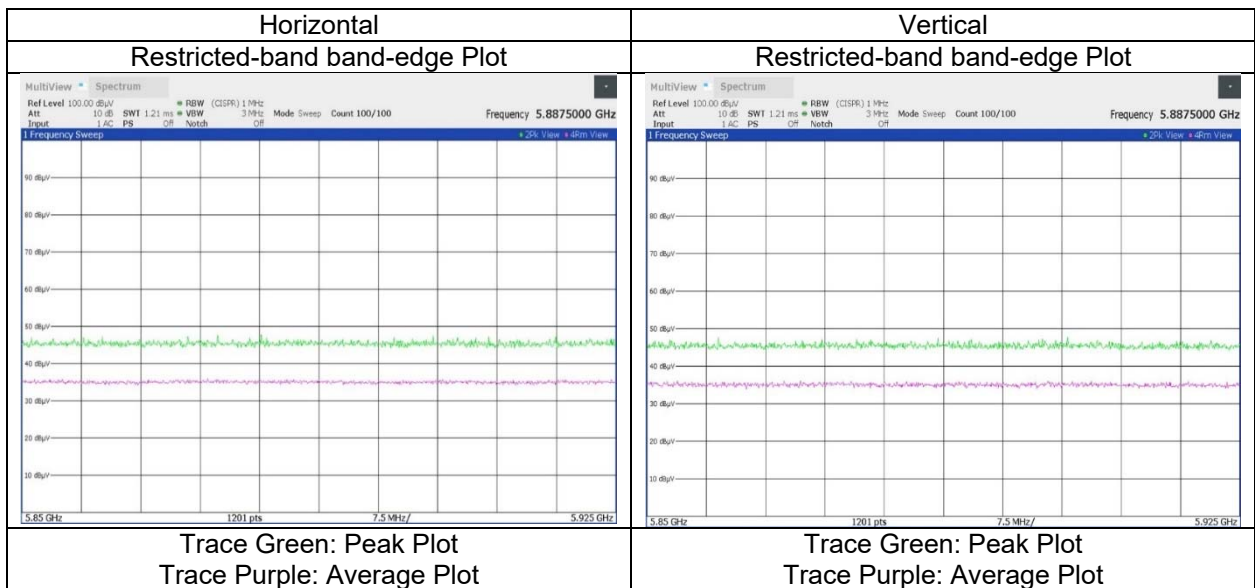
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 242-tone RU, RU Index 61, MIMO 5180 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

(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	47.58	32.12	-27.36	-	2.22	54.56	73.9	19.3	389	353	-
Vert.	5150.000	PK	47.79	32.12	-27.36	-	2.22	54.77	73.9	19.1	276	347	-

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

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22$ [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	36.66	32.12	-27.36	-	0.49	2.22	44.13	53.9	9.7	*1)
Vert.	5150.000	AV	36.70	32.12	-27.36	-	0.49	2.22	44.17	53.9	9.7	*1)

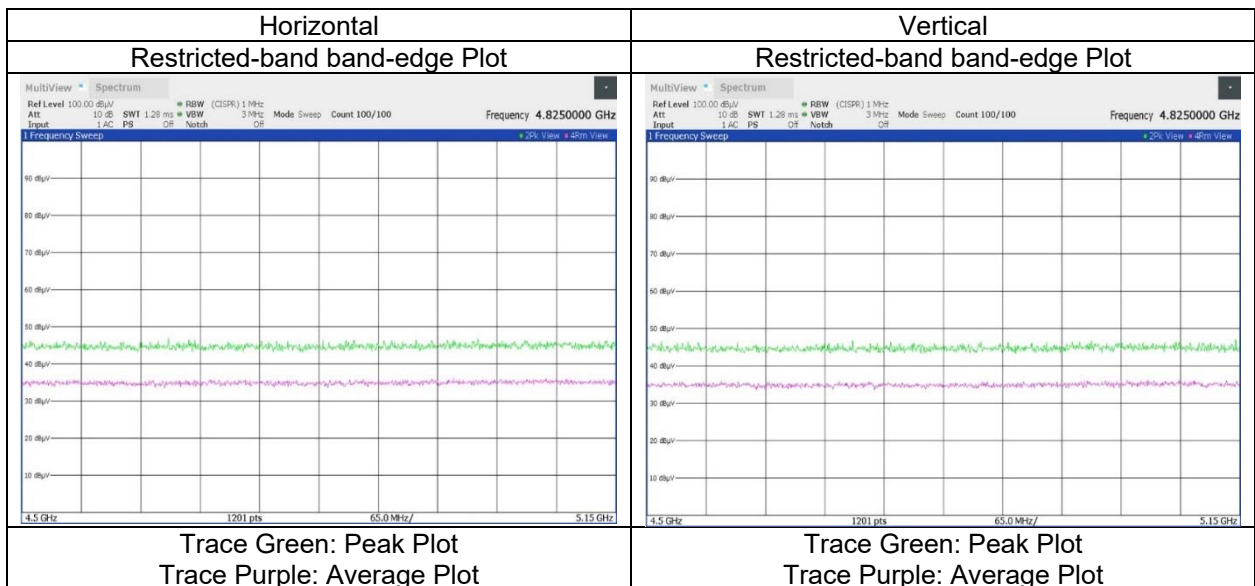
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.87[m] / 3.0[m]) = 2.22$ [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-20 (OFDMA), 242-tone RU, RU Index 61, MIMO 5320 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

(above 1 GHz Inside of the restricted band)

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

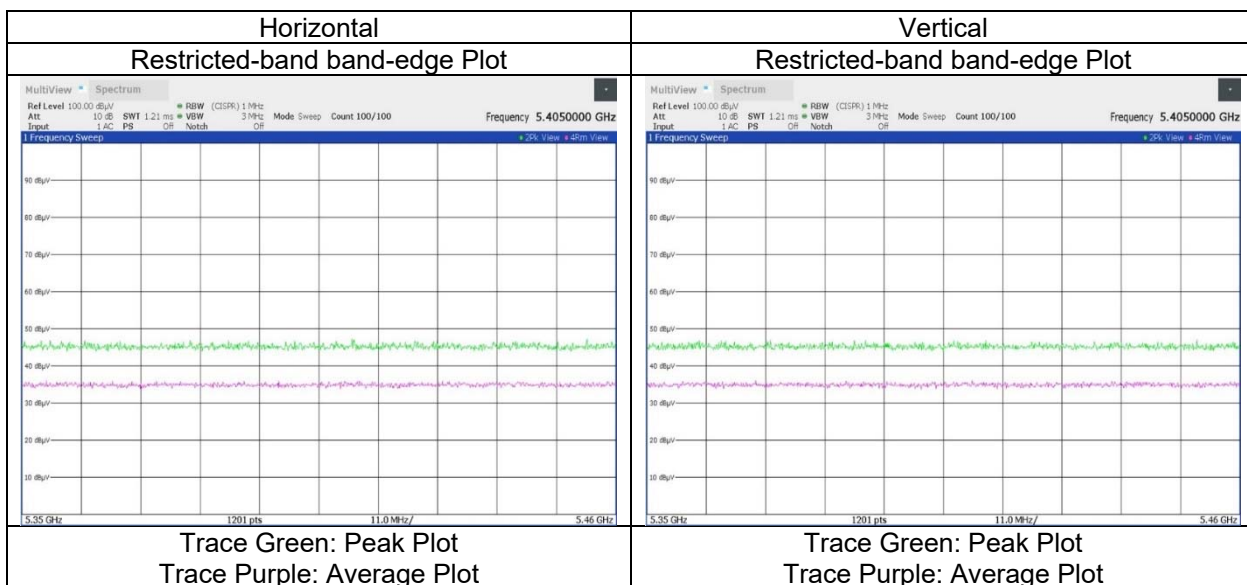
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	47.63	31.88	-27.12	-	2.22	54.61	73.9	19.2	368	350	-
Hori.	5350.000	AV	36.29	31.88	-27.12	-	2.22	43.27	53.9	10.6	368	350	-
Vert.	5350.000	PK	47.65	31.88	-27.12	-	2.22	54.63	73.9	19.2	219	344	-
Vert.	5350.000	AV	36.31	31.88	-27.12	-	2.22	43.29	53.9	10.6	219	344	-

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



* 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-20 (OFDMA), 242-tone RU, RU Index 61, MIMO 5500 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

(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	47.43	32.30	-26.98	-	2.22	54.97	73.9	18.9	371	359	-
Vert.	5460.000	PK	47.55	32.30	-26.98	-	2.22	55.09	73.9	18.8	353	8	-

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

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

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

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5460.000	AV	36.35	32.30	-26.98	-	0.49	2.22	44.38	53.9	9.5 *1)	
Vert.	5460.000	AV	36.31	32.30	-26.98	-	0.49	2.22	44.34	53.9	9.5 *1)	

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

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

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

Duty factor refer to "Burst rate confirmation" sheet.

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

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

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.45	32.35	-26.97	-	-	2.22	55.05	-40.18	-27.0	13.1	371	359	-
Vert.	5470.000	PK	47.38	32.35	-26.97	-	-	2.22	54.98	-40.25	-27.0	13.2	353	8	-

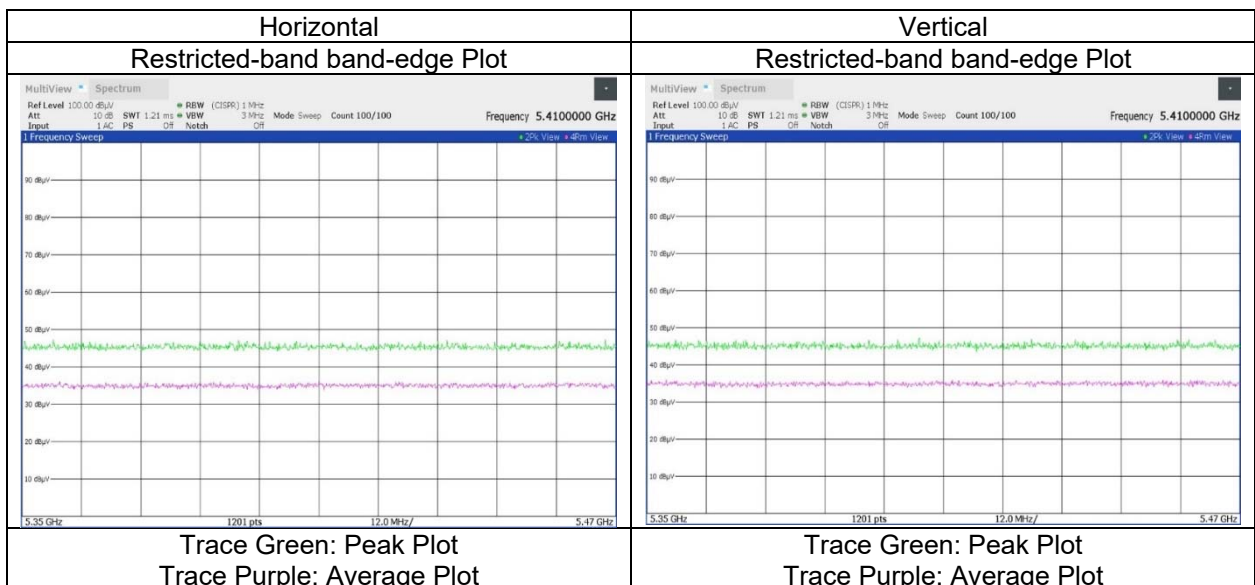
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

*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-20 (OFDMA), 242-tone RU, RU Index 61, MIMO 5700 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.	5725.000	PK	47.62	32.98	-26.89	-	-	2.22	55.93	-39.30	-27.0	12.3	373	0	-
Vert.	5725.000	PK	48.34	32.98	-26.89	-	-	2.22	56.65	-38.58	-27.0	11.5	320	6	-

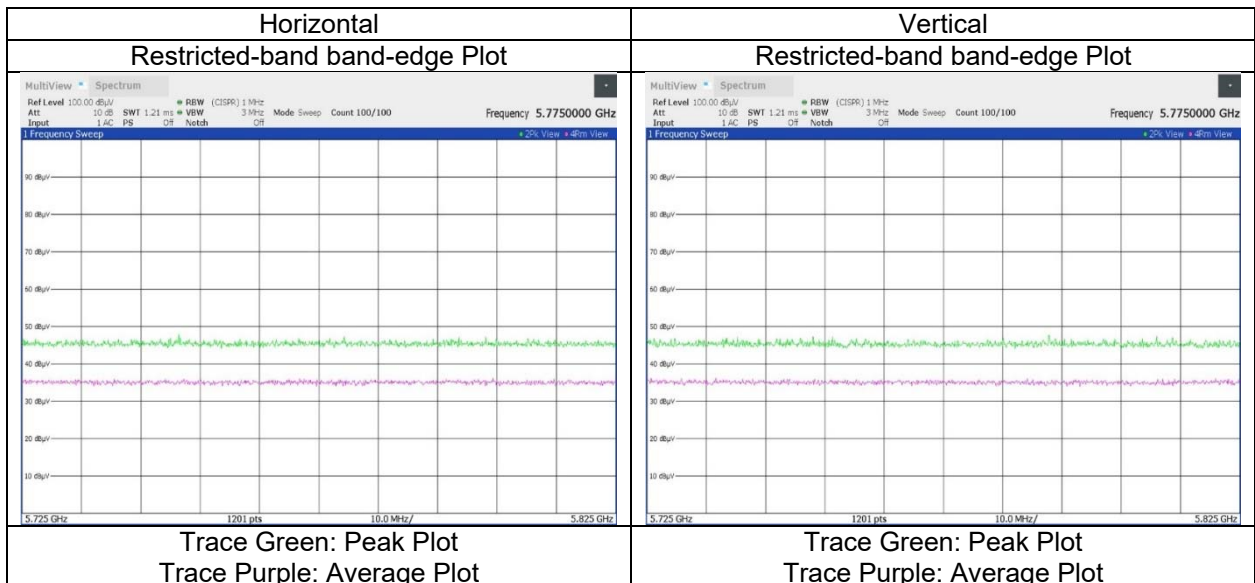
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 242-tone RU, RU Index 61, MIMO 5745 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.	5650.000	PK	47.25	32.99	-26.91	-	-	2.22	55.55	-39.68	-27.0	12.6	375	349	-
Hori.	5700.000	PK	48.08	33.00	-26.90	-	-	2.22	56.40	-38.83	10.0	48.8	375	349	-
Hori.	5720.000	PK	48.09	32.98	-26.89	-	-	2.22	56.40	-38.83	15.6	54.4	375	349	-
Hori.	5725.000	PK	48.01	32.98	-26.89	-	-	2.22	56.32	-38.91	27.0	65.9	375	349	-
Vert.	5650.000	PK	47.95	32.99	-26.91	-	-	2.22	56.25	-38.98	-27.0	11.9	297	7	-
Vert.	5700.000	PK	47.92	33.00	-26.90	-	-	2.22	56.24	-38.99	10.0	48.9	297	7	-
Vert.	5720.000	PK	47.84	32.98	-26.89	-	-	2.22	56.15	-39.08	15.6	54.6	297	7	-
Vert.	5725.000	PK	48.02	32.98	-26.89	-	-	2.22	56.33	-38.90	27.0	65.9	297	7	-

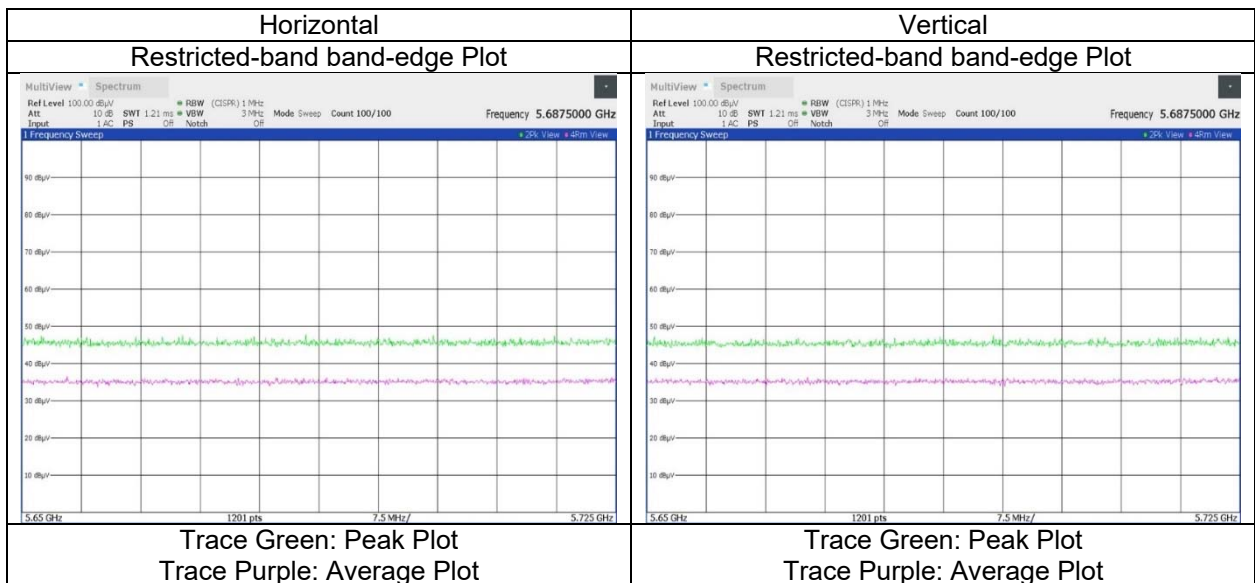
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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-20 (OFDMA), 242-tone RU, RU Index 61, MIMO 5825 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	48.65	32.98	-26.87	-	-	2.22	56.98	-38.25	27.0	65.2	356	358	-
Hori.	5855.000	PK	47.46	32.99	-26.87	-	-	2.22	55.80	-39.43	15.6	55.0	356	358	-
Hori.	5875.000	PK	47.46	33.01	-26.87	-	-	2.22	55.82	-39.41	10.0	49.4	356	358	-
Hori.	5925.000	PK	47.35	33.10	-26.85	-	-	2.22	55.82	-39.41	-27.0	12.4	356	358	-
Vert.	5850.000	PK	47.92	32.98	-26.87	-	-	2.22	56.25	-38.98	27.0	65.9	324	346	-
Vert.	5855.000	PK	47.85	32.99	-26.87	-	-	2.22	56.19	-39.04	15.6	54.6	324	346	-
Vert.	5875.000	PK	47.79	33.01	-26.87	-	-	2.22	56.15	-39.08	10.0	49.0	324	346	-
Vert.	5925.000	PK	47.63	33.10	-26.85	-	-	2.22	56.10	-39.13	-27.0	12.1	324	346	-

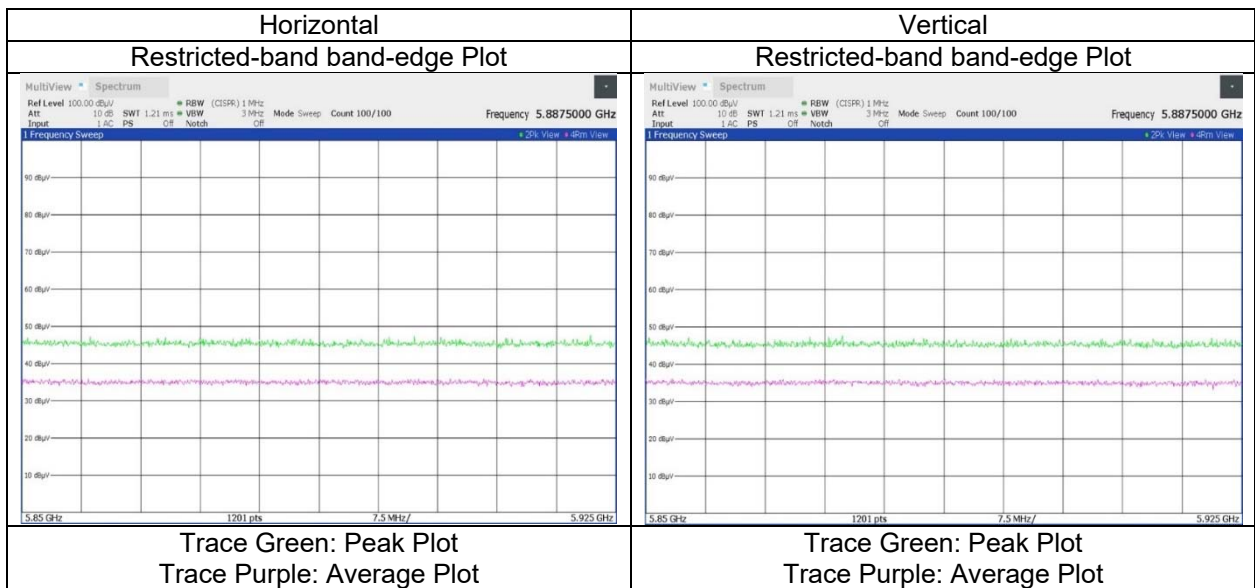
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

Result (EIRP) [dBm] = 10 * LOG ((10 ^ (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-40, MIMO 5190 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	5150.000	PK	47.44	32.12	-27.36	-	2.22	54.42	73.9	19.4	375	4	-
Hori.	15570.000	PK	47.55	39.36	-31.26	-	-9.54	46.11	73.9	27.7	150	0	Floor Noise
Hori.	20760.000	PK	46.53	40.11	12.68	47.01	-9.54	42.77	73.9	31.1	216	246	-
Hori.	15570.000	AV	36.75	39.36	-31.26	-	-9.54	35.31	53.9	18.5	150	0	Floor Noise
Vert.	5150.000	PK	48.74	32.12	-27.36	-	2.22	55.72	73.9	18.1	100	0	-
Vert.	15570.000	PK	47.23	39.36	-31.26	-	-9.54	45.79	73.9	28.1	150	0	Floor Noise
Vert.	20760.000	PK	45.78	40.11	12.68	47.01	-9.54	42.02	73.9	31.8	159	338	-
Vert.	15570.000	AV	36.62	39.36	-31.26	-	-9.54	35.18	53.9	18.7	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) + 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	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	5150.000	AV	36.71	32.12	-27.36	-	0.11	2.22	43.80	53.9	10.1	*1)
Hori.	20760.000	AV	41.26	40.11	12.68	47.01	0.11	-9.54	37.61	53.9	16.2	-
Vert.	5150.000	AV	37.12	32.12	-27.36	-	0.11	2.22	44.21	53.9	9.6	*1)
Vert.	20760.000	AV	40.03	40.11	12.68	47.01	0.11	-9.54	36.38	53.9	17.5	-

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.

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	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.	6920.000	PK	49.06	35.86	-35.03	-	-	2.22	52.11	-43.12	-27.0	16.1	384	318	-
Hori.	10380.000	PK	46.72	36.02	-33.25	-	-	-9.54	39.95	-55.28	-27.0	28.2	150	0	Floor Noise
Vert.	6920.000	PK	50.36	35.86	-35.03	-	-	2.22	53.41	-41.82	-27.0	14.8	363	14	-
Vert.	10380.000	PK	46.58	36.02	-33.25	-	-	-9.54	39.81	-55.42	-27.0	28.4	150	0	Floor Noise

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

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

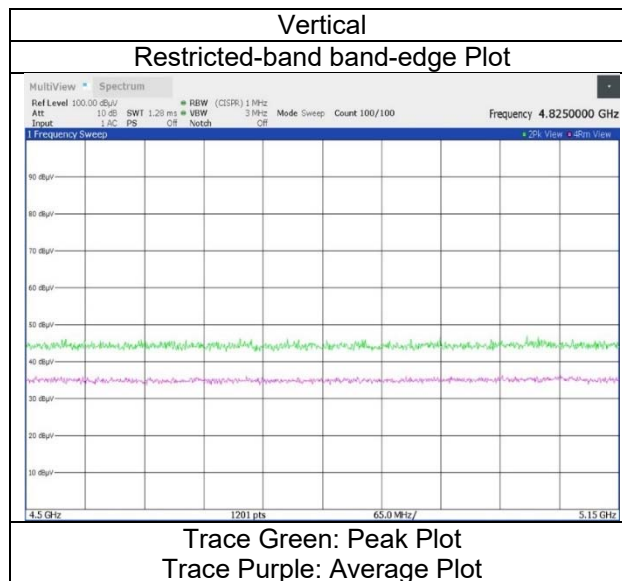
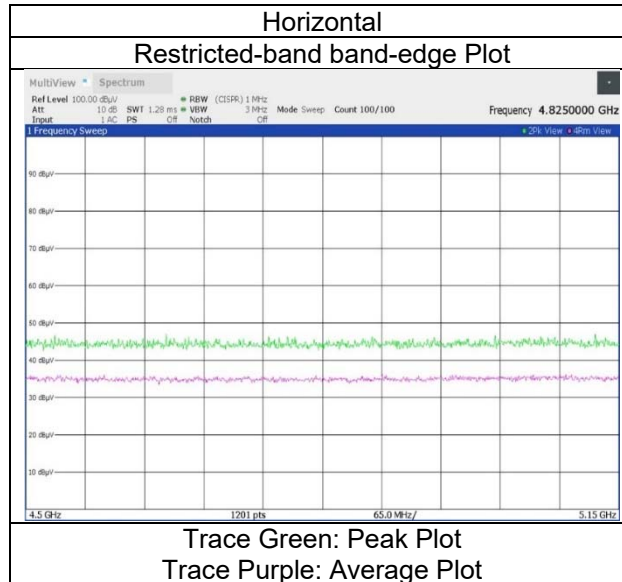
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ac-40, MIMO 5190 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-40, MIMO 5230 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	1 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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.	20920.000	PK	46.08	40.07	12.73	47.06	-9.54	42.28	73.9	31.6	154	195	-
Vert.	20920.000	PK	45.66	40.07	12.73	47.06	-9.54	41.86	73.9	32.0	203	338	-

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

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

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

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	20920.000	AV	40.46	40.07	12.73	47.06	0.11	-9.54	36.77	53.9	17.1	-
Vert.	20920.000	AV	39.48	40.07	12.73	47.06	0.11	-9.54	35.79	53.9	18.1	-

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

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

Duty factor refer to "Burst rate confirmation" sheet.

(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.	6973.333	PK	49.12	35.82	-35.03	-	-	2.22	52.13	-43.10	-27.0	16.1	369	333	-
Vert.	6973.333	PK	49.33	35.82	-35.03	-	-	2.22	52.34	-42.89	-27.0	15.8	353	13	-

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

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

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

Radiated Spurious Emission

Mode	Tx 11ac-40, MIMO 5310 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % RH	Miku Ikudome	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	28 % RH	Yuta Shiba	10 GHz to 18 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	18 GHz to 26.5 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	26.5 GHz to 40 GHz

(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	372	351	-
Hori.	10620.000	PK	46.76	36.87	-33.00	-	-9.54	41.09	73.9	32.8	150	0	Floor Noise
Hori.	15930.000	PK	47.04	39.66	-31.48	-	-9.54	45.68	73.9	28.2	150	0	Floor Noise
Hori.	21240.000	PK	45.69	40.08	12.84	47.06	-9.54	42.01	73.9	31.8	154	229	-
Hori.	10620.000	AV	36.30	36.87	-33.00	-	-9.54	30.63	53.9	23.2	150	0	Floor Noise
Hori.	15930.000	AV	36.65	39.66	-31.48	-	-9.54	35.29	53.9	18.6	150	0	Floor Noise
Vert.	5350.000	PK	47.97	31.88	-27.12	-	2.22	54.95	73.9	18.9	244	351	-
Vert.	10620.000	PK	47.10	36.87	-33.00	-	-9.54	41.43	73.9	32.4	150	0	Floor Noise
Vert.	15930.000	PK	47.37	39.66	-31.48	-	-9.54	46.01	73.9	27.8	150	0	Floor Noise
Vert.	21240.000	PK	45.59	40.08	12.84	47.06	-9.54	41.91	73.9	31.9	205	338	-
Vert.	10620.000	AV	36.23	36.87	-33.00	-	-9.54	30.56	53.9	23.3	150	0	Floor Noise
Vert.	15930.000	AV	36.80	39.66	-31.48	-	-9.54	35.44	53.9	18.4	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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	36.29	31.88	-27.12	-	0.11	2.22	43.38	53.9	10.5	*1)
Hori.	21240.000	AV	39.64	40.08	12.84	47.06	0.11	-9.54	36.07	53.9	17.8	-
Vert.	5350.000	AV	36.48	31.88	-27.12	-	0.11	2.22	43.57	53.9	10.3	*1)
Vert.	21240.000	AV	38.63	40.08	12.84	47.06	0.11	-9.54	35.06	53.9	18.8	-

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.

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.	7080.000	PK	48.37	35.82	-34.92	-	-	2.22	51.49	-43.74	-27.0	16.7	392	321	-
Vert.	7080.000	PK	48.88	35.82	-34.92	-	-	2.22	52.00	-43.23	-27.0	16.2	338	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)

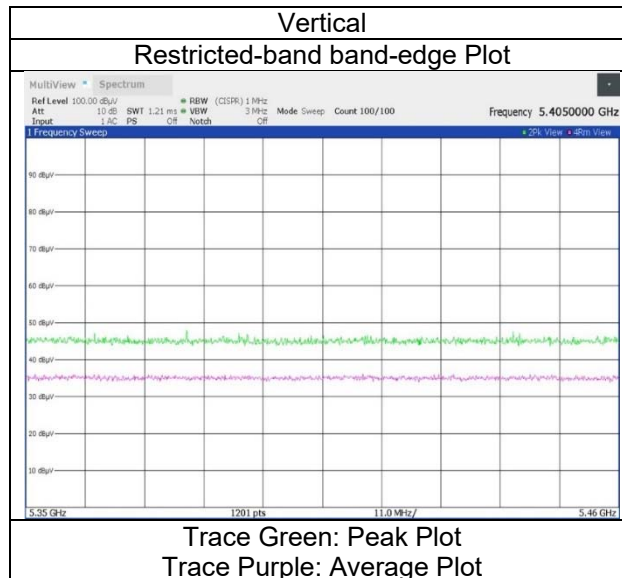
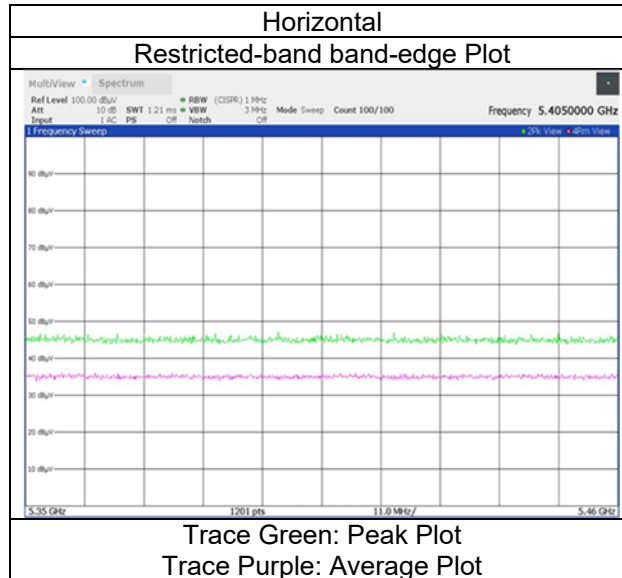
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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]

Radiated Spurious Emission

Mode	Tx 11ac-40, MIMO 5310 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	18 deg. C	46 % 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-40, MIMO 5510 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	22 deg. C	30 % RH	Makoto Hosaka	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	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	48.37	32.30	-26.98	-	2.22	55.91	73.9	17.9	341	3	-
Hori.	11020.000	PK	46.38	37.19	-32.81	-	-9.54	41.22	73.9	32.6	150	0	Floor Noise
Hori.	22040.000	PK	49.28	40.24	13.10	47.32	-9.54	45.76	73.9	28.1	166	268	-
Hori.	11020.000	AV	35.80	37.19	-32.81	-	-9.54	30.64	53.9	23.2	150	0	Floor Noise
Vert.	5460.000	PK	47.58	32.30	-26.98	-	2.22	55.12	73.9	18.7	306	355	-
Vert.	11020.000	PK	47.37	37.19	-32.81	-	-9.54	42.21	73.9	31.6	150	0	Floor Noise
Vert.	22040.000	PK	48.05	40.24	13.10	47.32	-9.54	44.53	73.9	29.3	146	257	-
Vert.	11020.000	AV	36.25	37.19	-32.81	-	-9.54	31.09	53.9	22.8	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.	5460.000	AV	36.51	32.30	-26.98	-	0.11	2.22	44.16	53.9	9.7 *1)	-
Hori.	22040.000	AV	44.86	40.24	13.10	47.32	0.11	-9.54	41.45	53.9	12.4	-
Vert.	5460.000	AV	36.37	32.30	-26.98	-	0.11	2.22	44.02	53.9	9.8 *1)	-
Vert.	22040.000	AV	42.15	40.24	13.10	47.32	0.11	-9.54	38.74	53.9	15.1	-

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	48.18	32.35	-26.97	-	-	2.22	55.78	-39.45	-27.0	12.4	341	3	-
Hori.	16530.000	PK	47.54	39.52	-30.77	-	-	-9.54	46.75	-48.48	-27.0	21.4	150	0	Floor Noise
Vert.	5470.000	PK	48.25	32.35	-26.97	-	-	2.22	55.85	-39.38	-27.0	12.3	306	355	-
Vert.	16530.000	PK	47.83	39.52	-30.77	-	-	-9.54	47.04	-48.19	-27.0	21.1	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] = $10 * \log((10^{(Result [dBuV/m]/20)} * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{-3})$

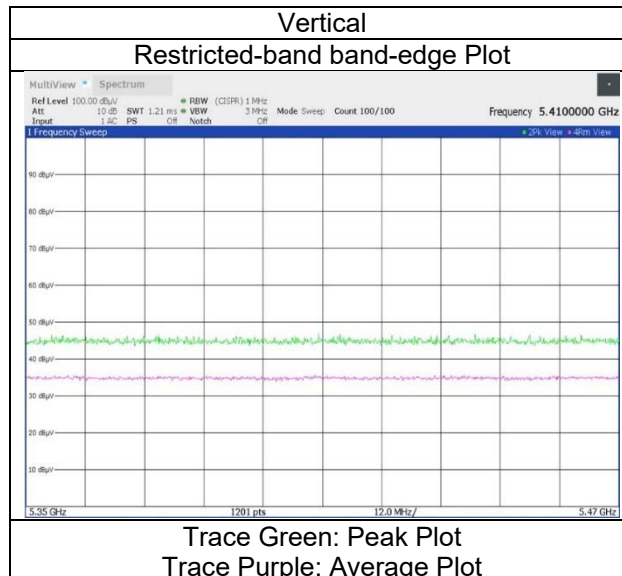
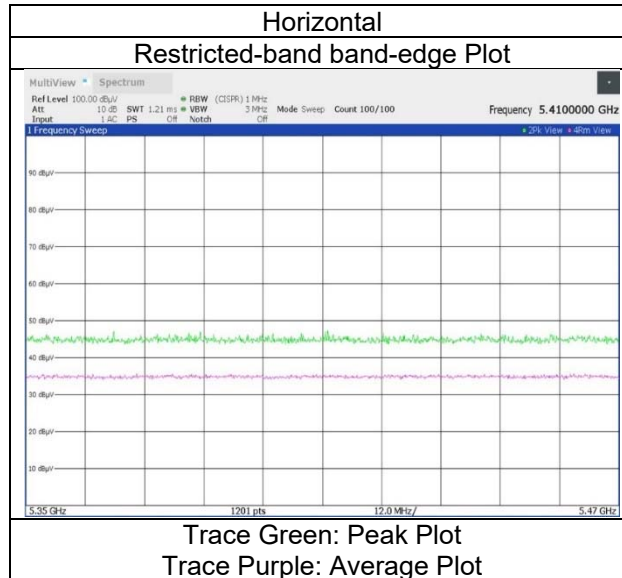
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-40, MIMO 5510 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	22 deg. C	30 % RH	Makoto Hosaka	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-40, MIMO 5550 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	1 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	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	11100.000	PK	47.85	37.14	-32.78	-	-9.54	42.67	73.9	31.2	150	0	Floor Noise
Hori.	22200.000	PK	47.55	40.29	13.16	47.32	-9.54	44.14	73.9	29.7	165	213	-
Hori.	11100.000	AV	36.51	37.14	-32.78	-	-9.54	31.33	53.9	22.5	150	0	Floor Noise
Vert.	11100.000	PK	47.35	37.14	-32.78	-	-9.54	42.17	73.9	31.7	150	0	Floor Noise
Vert.	22200.000	PK	47.55	40.29	13.16	47.32	-9.54	44.14	73.9	29.7	154	255	-
Vert.	11100.000	AV	36.55	37.14	-32.78	-	-9.54	31.37	53.9	22.5	150	0	Floor Noise

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

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

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

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

Average measurement value with Duty Factor

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	22200.000	AV	41.79	40.29	13.16	47.32	0.11	-9.54	38.49	53.9	15.4	-
Vert.	22200.000	AV	41.85	40.29	13.16	47.32	0.11	-9.54	38.55	53.9	15.3	-

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

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

Duty factor refer to "Burst rate confirmation" sheet.

(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.	16650.000	PK	47.18	39.26	-30.67	-	-	-9.54	46.23	-49.00	-27.0	22.0	150	0	Floor Noise
Vert.	16650.000	PK	47.87	39.26	-30.67	-	-	-9.54	46.92	-48.31	-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] = $10 * \text{LOG}((10^{(Result\text{ [dBuV/m]} / 20)} * 10^{(-6)} * \text{Distance : } 3\text{ [m]}))^2 / 30 * 10^{(3)}$

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

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

Radiated Spurious Emission

Mode	Tx 11ac-40, MIMO 5670 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	22 deg. C	30 % RH	Makoto Hosaka	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	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.	11340.000	PK	47.46	37.36	-32.74	-	-9.54	42.54	73.9	31.3	150	0	Floor Noise
Hori.	22680.000	PK	46.24	40.21	13.31	47.25	-9.54	42.97	73.9	30.9	163	255	-
Hori.	11340.000	AV	36.70	37.36	-32.74	-	-9.54	31.78	53.9	22.1	150	0	Floor Noise
Vert.	11340.000	PK	46.85	37.36	-32.74	-	-9.54	41.93	73.9	31.9	150	0	Floor Noise
Vert.	22680.000	PK	47.28	40.21	13.31	47.25	-9.54	44.01	73.9	29.8	151	256	-
Vert.	11340.000	AV	36.38	37.36	-32.74	-	-9.54	31.46	53.9	22.4	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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.	22680.000	AV	40.69	40.21	13.31	47.25	0.11	-9.54	37.53	53.9	16.3	-
Vert.	22680.000	AV	41.00	40.21	13.31	47.25	0.11	-9.54	37.84	53.9	16.0	-

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 : 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.	5725.000	PK	48.33	32.98	-26.89	-	-	2.22	56.64	-38.59	-27.0	11.5	353	6	-
Hori.	17010.000	PK	47.78	39.35	-30.37	-	-	-9.54	47.22	-48.01	-27.0	21.0	150	0	Floor Noise
Vert.	5725.000	PK	48.27	32.98	-26.89	-	-	2.22	56.58	-38.65	-27.0	11.6	356	356	-
Vert.	17010.000	PK	47.33	39.35	-30.37	-	-	-9.54	46.77	-48.46	-27.0	21.4	150	0	Floor Noise

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

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

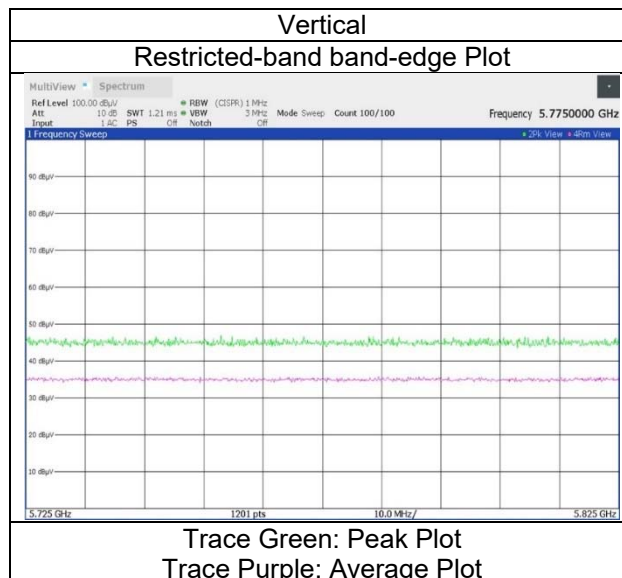
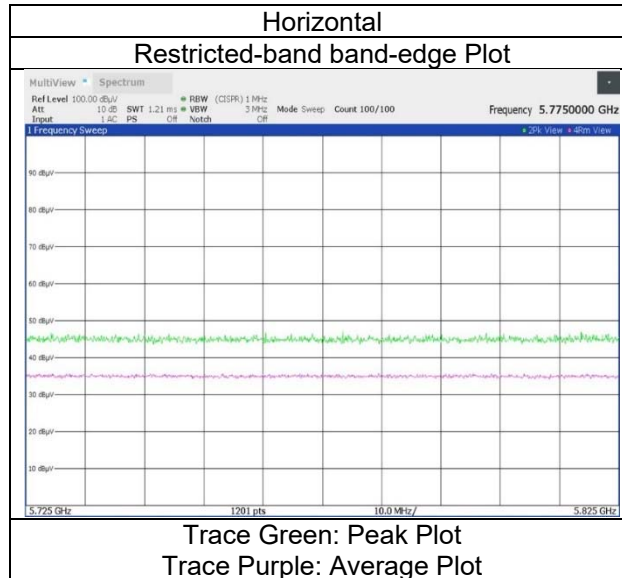
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ac-40, MIMO 5670 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	22 deg. C	30 % RH	Makoto Hosaka	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-40, MIMO 5755 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	22 deg. C	30 % RH	Makoto Hosaka	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	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	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	11510.000	PK	46.86	37.51	-32.69	-	-9.54	42.14	73.9	31.7	150	0	Floor Noise
Hori.	23020.000	PK	46.80	40.15	13.38	47.10	-9.54	43.69	73.9	30.2	155	265	-
Hori.	11510.000	AV	35.98	37.51	-32.69	-	-9.54	31.26	53.9	22.6	150	0	Floor Noise
Vert.	11510.000	PK	46.50	37.51	-32.69	-	-9.54	41.78	73.9	32.1	150	0	Floor Noise
Vert.	23020.000	PK	45.49	40.15	13.38	47.10	-9.54	42.38	73.9	31.5	163	252	-
Vert.	11510.000	AV	36.05	37.51	-32.69	-	-9.54	31.33	53.9	22.5	150	0	Floor Noise

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

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

Distance Fac. : 1 GHz to 10 GHz : 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	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	23020.000	AV	41.05	40.15	13.38	47.10	0.11	-9.54	38.05	53.9	15.8	-
Vert.	23020.000	AV	39.11	40.15	13.38	47.10	0.11	-9.54	36.11	53.9	17.7	-

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 : 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	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.	5650.000	PK	47.82	32.99	-26.91	-	-	2.22	56.12	-39.11	-27.0	12.1	387	5	-
Hori.	5700.000	PK	47.63	33.00	-26.90	-	-	2.22	55.95	-39.28	10.0	49.2	387	5	-
Hori.	5720.000	PK	47.90	32.98	-26.89	-	-	2.22	56.21	-39.02	15.6	54.6	387	5	-
Hori.	5725.000	PK	48.19	32.98	-26.89	-	-	2.22	56.50	-38.73	27.0	65.7	387	5	-
Hori.	17265.000	PK	47.48	39.93	-30.10	-	-	-9.54	47.77	-47.46	-27.0	20.4	150	0	Floor Noise
Vert.	5650.000	PK	47.77	32.99	-26.91	-	-	2.22	56.07	-39.16	-27.0	12.1	293	15	-
Vert.	5700.000	PK	47.96	33.00	-26.90	-	-	2.22	56.28	-38.95	10.0	48.9	293	15	-
Vert.	5720.000	PK	48.16	32.98	-26.89	-	-	2.22	56.47	-38.76	15.6	54.3	293	15	-
Vert.	5725.000	PK	48.66	32.98	-26.89	-	-	2.22	56.97	-38.26	27.0	65.2	293	15	-
Vert.	17265.000	PK	47.38	39.93	-30.10	-	-	-9.54	47.67	-47.56	-27.0	20.5	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 ^ (Result [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

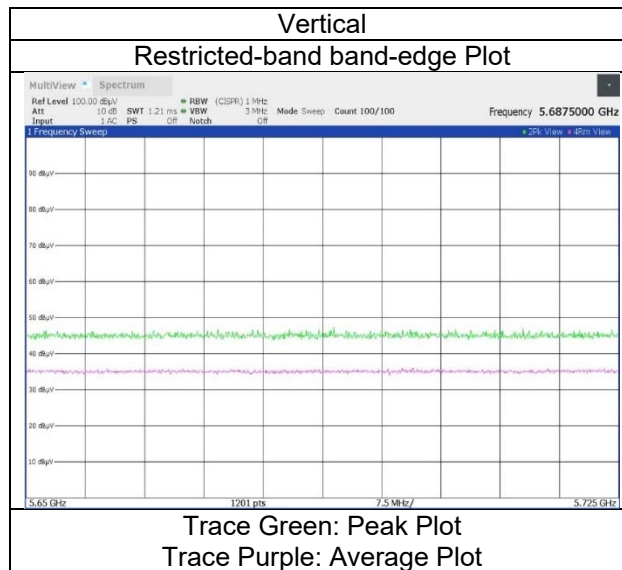
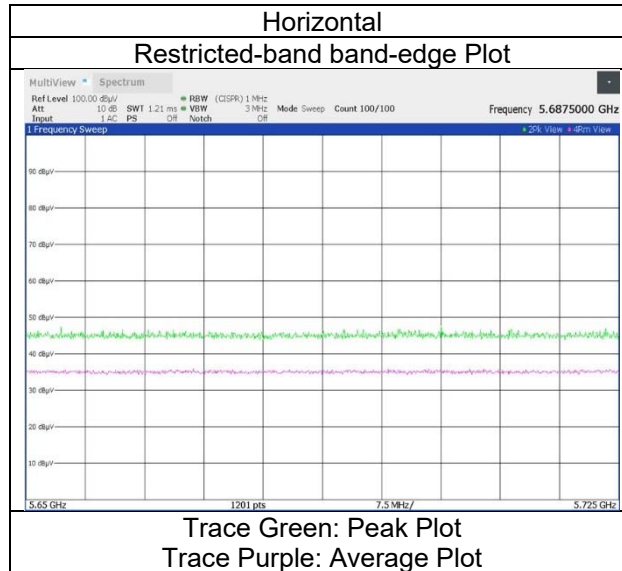
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-40, MIMO 5755 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	22 deg. C	30 % RH	Makoto Hosaka	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-40, MIMO 5795 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	22 deg. C	30 % RH	Makoto Hosaka	1 GHz to 6.4 GHz
March 04, 2025	WAC2	20 deg. C	32 % RH	Yuta Shiba	6.4 GHz to 10 GHz
March 05, 2025	WAC2	22 deg. C	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.	11590.000	PK	46.02	37.55	-32.68	-	-9.54	41.35	73.9	32.5	150	0	Floor Noise
Hori.	11590.000	AV	35.67	37.55	-32.68	-	-9.54	31.00	53.9	22.9	150	0	Floor Noise
Vert.	11590.000	PK	46.41	37.55	-32.68	-	-9.54	41.74	73.9	32.1	150	0	Floor Noise
Vert.	11590.000	AV	35.95	37.55	-32.68	-	-9.54	31.28	53.9	22.6	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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 : $20\log(1.00[m]/3.0[m]) = -9.54 [dB]$

(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	47.46	32.98	-26.87	-	-	2.22	55.79	-39.44	27.0	66.4	371	4	-
Hori.	5855.000	PK	47.45	32.99	-26.87	-	-	2.22	55.79	-39.44	15.6	55.0	371	4	-
Hori.	5875.000	PK	47.68	33.01	-26.87	-	-	2.22	56.04	-39.19	10.0	49.1	371	4	-
Hori.	5925.000	PK	47.62	33.10	-26.85	-	-	2.22	56.09	-39.14	-27.0	12.1	371	4	-
Hori.	17385.000	PK	47.96	40.09	-29.98	-	-	-9.54	48.53	-46.70	-27.0	19.7	150	0	Floor Noise
Hori.	23180.000	PK	45.82	40.13	13.44	46.98	-	-9.54	42.87	-52.36	-27.0	25.3	152	265	-
Vert.	5850.000	PK	47.62	32.98	-26.87	-	-	2.22	55.95	-39.28	27.0	66.2	305	15	-
Vert.	5855.000	PK	47.69	32.99	-26.87	-	-	2.22	56.03	-39.20	15.6	54.8	305	15	-
Vert.	5875.000	PK	47.74	33.01	-26.87	-	-	2.22	56.10	-39.13	10.0	49.1	305	15	-
Vert.	5925.000	PK	47.82	33.10	-26.85	-	-	2.22	56.29	-38.94	-27.0	11.9	305	15	-
Vert.	17385.000	PK	47.26	40.09	-29.98	-	-	-9.54	47.83	-47.40	-27.0	20.4	150	0	Floor Noise
Vert.	23180.000	PK	46.36	40.13	13.44	46.98	-	-9.54	43.41	-51.82	-27.0	24.8	160	209	-

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

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

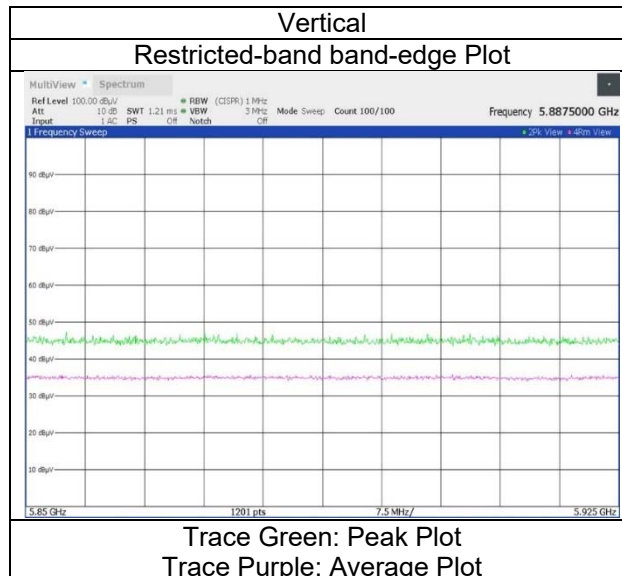
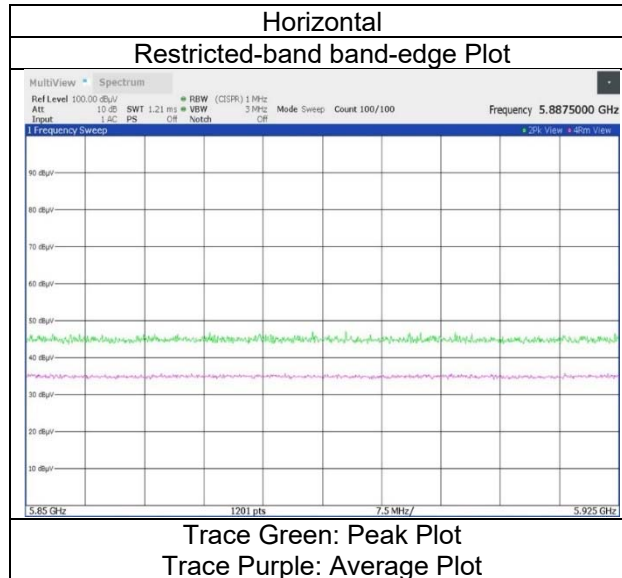
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ac-40, MIMO 5795 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
February 17, 2025	WAC2	22 deg. C	30 % RH	Makoto Hosaka	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-40 (OFDM), MIMO 5190 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	48.38	32.12	-27.36	-	2.22	55.36	73.9	18.5	389	350	-
Hori.	15570.000	PK	47.13	39.36	-31.26	-	-9.54	45.69	73.9	28.2	150	0	Floor Noise
Hori.	20760.000	PK	46.86	40.11	12.68	47.01	-9.54	43.10	73.9	30.8	217	247	-
Hori.	15570.000	AV	36.70	39.36	-31.26	-	-9.54	35.26	53.9	18.6	150	0	Floor Noise
Vert.	5150.000	PK	48.49	32.12	-27.36	-	2.22	55.47	73.9	18.4	225	355	-
Vert.	15570.000	PK	47.62	39.36	-31.26	-	-9.54	46.18	73.9	27.7	150	0	Floor Noise
Vert.	20760.000	PK	45.85	40.11	12.68	47.01	-9.54	42.09	73.9	31.8	163	339	-
Vert.	15570.000	AV	36.53	39.36	-31.26	-	-9.54	35.09	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 : 20log (3.87 [m] / 3.0 [m]) = 2.22 [dB]

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	37.38	32.12	-27.36	-	0.20	2.22	44.56	53.9	9.3	*1)
Hori.	20760.000	AV	40.82	40.11	12.68	47.01	0.20	-9.54	37.26	53.9	16.6	-
Vert.	5150.000	AV	37.23	32.12	-27.36	-	0.20	2.22	44.41	53.9	9.4	*1)
Vert.	20760.000	AV	39.68	40.11	12.68	47.01	0.20	-9.54	36.12	53.9	17.7	-

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

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

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

Duty factor refer to "Burst rate confirmation" sheet.

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

(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.	6920.000	PK	49.03	35.86	-35.03	-	-	2.22	52.08	-43.15	-27.0	16.1	397	337	-
Hori.	10380.000	PK	46.62	36.02	-33.25	-	-	-9.54	39.85	-55.38	-27.0	28.3	150	0	Floor Noise
Vert.	6920.000	PK	51.34	35.86	-35.03	-	-	2.22	54.39	-40.84	-27.0	13.8	345	18	-
Vert.	10380.000	PK	47.22	36.02	-33.25	-	-	-9.54	40.45	-54.78	-27.0	27.7	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 ^ (Result [dBuV/m] / 20) * 10 ^ (-6) * Distance : 3 [m]) ^ 2 / 30 * 10 ^ 3)

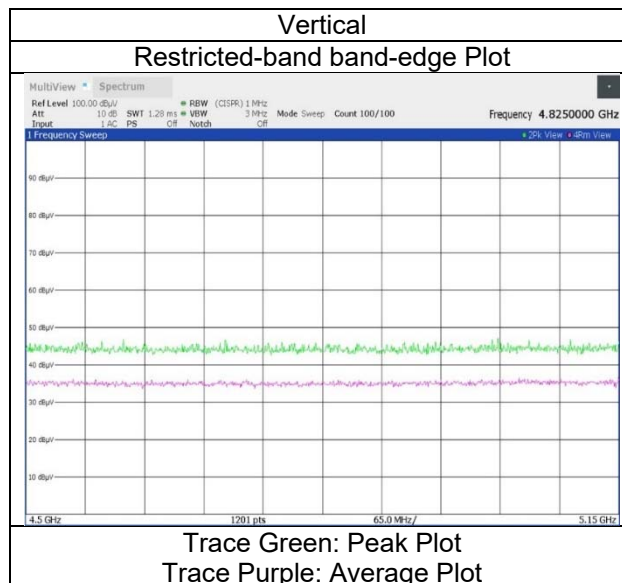
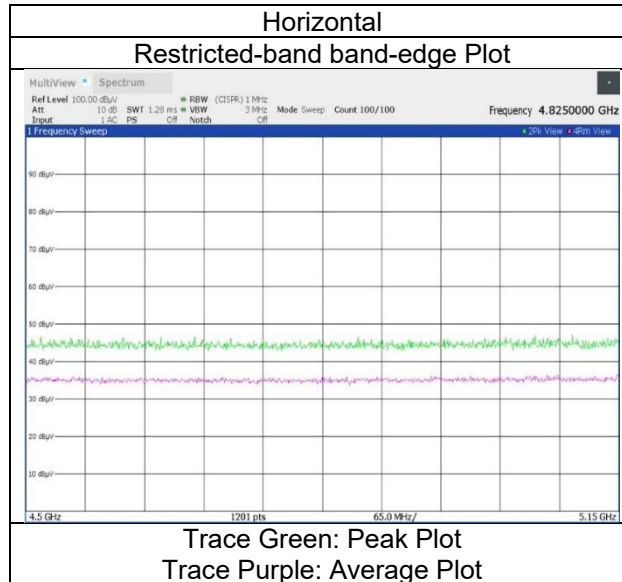
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-40 (OFDM), MIMO 5190 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-40 (OFDM), MIMO 5230 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	21 deg. C	29 % RH	Shiro Kobayashi	1 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	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	15690.000	PK	47.78	39.47	-31.33	-	-9.54	46.38	73.9	27.5	150	0	Floor Noise
Hori.	20920.000	PK	45.70	40.07	12.73	47.06	-9.54	41.90	73.9	32.0	156	196	-
Hori.	15690.000	AV	36.88	39.47	-31.33	-	-9.54	35.48	53.9	18.4	150	0	Floor Noise
Vert.	15690.000	PK	47.54	39.47	-31.33	-	-9.54	46.14	73.9	27.7	150	0	Floor Noise
Vert.	20920.000	PK	45.42	40.07	12.73	47.06	-9.54	41.62	73.9	32.2	198	339	-
Vert.	15690.000	AV	36.90	39.47	-31.33	-	-9.54	35.50	53.9	18.4	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	20920.000	AV	39.93	40.07	12.73	47.06	0.20	-9.54	36.33	53.9	17.5	-
Vert.	20920.000	AV	38.71	40.07	12.73	47.06	0.20	-9.54	35.11	53.9	18.7	-

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	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.	6973.333	PK	49.22	35.82	-35.03	-	-	2.22	52.23	-43.00	-27.0	16.0	397	39	-
Hori.	10460.000	PK	47.16	36.20	-33.11	-	-	-9.54	40.71	-54.52	-27.0	27.5	150	0	Floor Noise
Vert.	6973.333	PK	50.25	35.82	-35.03	-	-	2.22	53.26	-41.97	-27.0	14.9	329	34	-
Vert.	10460.000	PK	47.55	36.20	-33.11	-	-	-9.54	41.10	-54.13	-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] = $10 * \log((10^{\wedge}(\text{Result [dBuV/m]} / 20)) * 10^{\wedge}(-6) * \text{Distance : } 3 [m])^{\wedge}2 / 30 * 10^{\wedge}3)$

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

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

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

Radiated Spurious Emission

Mode	Tx 11ax-40 (OFDM), MIMO 5310 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	47.20	31.88	-27.12	-	2.22	54.18	73.9	19.7	397	7	-
Hori.	10620.000	PK	47.75	36.87	-33.00	-	-9.54	42.08	73.9	31.8	150	0	Floor Noise
Hori.	15930.000	PK	47.57	39.66	-31.48	-	-9.54	46.21	73.9	27.6	150	0	Floor Noise
Hori.	21240.000	PK	46.08	40.08	12.84	47.06	-9.54	42.40	73.9	31.5	162	223	-
Hori.	10620.000	AV	36.50	36.87	-33.00	-	-9.54	30.83	53.9	23.0	150	0	Floor Noise
Hori.	15930.000	AV	36.80	39.66	-31.48	-	-9.54	35.44	53.9	18.4	150	0	Floor Noise
Vert.	5350.000	PK	48.16	31.88	-27.12	-	2.22	55.14	73.9	18.7	248	357	-
Vert.	10620.000	PK	47.13	36.87	-33.00	-	-9.54	41.46	73.9	32.4	150	0	Floor Noise
Vert.	15930.000	PK	47.69	39.66	-31.48	-	-9.54	46.33	73.9	27.5	150	0	Floor Noise
Vert.	21240.000	PK	46.06	40.08	12.84	47.06	-9.54	42.38	73.9	31.5	207	332	-
Vert.	10620.000	AV	36.44	36.87	-33.00	-	-9.54	30.77	53.9	23.1	150	0	Floor Noise
Vert.	15930.000	AV	37.01	39.66	-31.48	-	-9.54	35.65	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	36.49	31.88	-27.12	-	0.20	2.22	43.67	53.9	10.2	*1)
Hori.	21240.000	AV	40.08	40.08	12.84	47.06	0.20	-9.54	36.60	53.9	17.3	-
Vert.	5350.000	AV	36.50	31.88	-27.12	-	0.20	2.22	43.68	53.9	10.2	*1)
Vert.	21240.000	AV	39.42	40.08	12.84	47.06	0.20	-9.54	35.94	53.9	17.9	-

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 : 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.	7080.000	PK	48.78	35.82	-34.92	-	-	2.22	51.90	-43.33	-27.0	16.3	398	36	-
Vert.	7080.000	PK	49.49	35.82	-34.92	-	-	2.22	52.61	-42.62	-27.0	15.6	320	37	-

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)

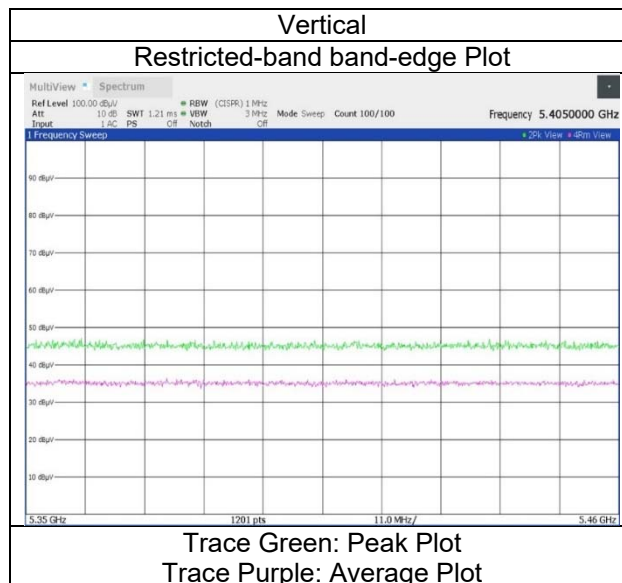
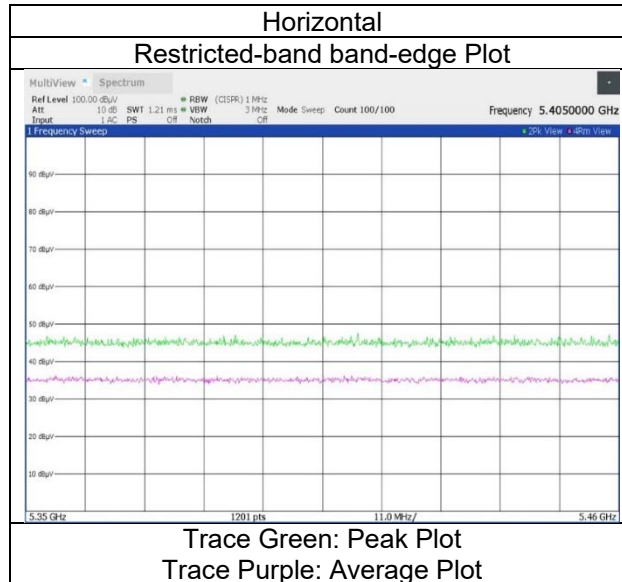
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-40 (OFDM), MIMO 5310 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-40 (OFDM), MIMO 5510 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	47.56	32.30	-26.98	-	2.22	55.10	73.9	18.8	398	1	-
Hori.	11020.000	PK	46.65	37.19	-32.81	-	-9.54	41.49	73.9	32.4	150	0	Floor Noise
Hori.	22040.000	PK	48.62	40.24	13.10	47.32	-9.54	45.10	73.9	28.8	161	268	-
Hori.	11020.000	AV	35.88	37.19	-32.81	-	-9.54	30.72	53.9	23.1	150	0	Floor Noise
Vert.	5460.000	PK	47.22	32.30	-26.98	-	2.22	54.76	73.9	19.1	203	349	-
Vert.	11020.000	PK	46.68	37.19	-32.81	-	-9.54	41.52	73.9	32.3	150	0	Floor Noise
Vert.	22040.000	PK	47.32	40.24	13.10	47.32	-9.54	43.80	73.9	30.1	147	258	-
Vert.	11020.000	AV	35.94	37.19	-32.81	-	-9.54	30.78	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 : $20\log(3.87[m]/3.0[m]) = 2.22 [dB]$

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	36.65	32.30	-26.98	-	0.20	2.22	44.39	53.9	9.5 *1)	-
Hori.	22040.000	AV	44.24	40.24	13.10	47.32	0.20	-9.54	40.92	53.9	12.9	-
Vert.	5460.000	AV	36.52	32.30	-26.98	-	0.20	2.22	44.26	53.9	9.6 *1)	-
Vert.	22040.000	AV	42.05	40.24	13.10	47.32	0.20	-9.54	38.73	53.9	15.1	-

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	47.84	32.35	-26.97	-	-	2.22	55.44	-39.79	-27.0	12.7	398	1	-
Hori.	16530.000	PK	47.63	39.52	-30.77	-	-	-9.54	46.84	-48.39	-27.0	21.3	150	0	Floor Noise
Vert.	5470.000	PK	47.48	32.35	-26.97	-	-	2.22	55.08	-40.15	-27.0	13.1	203	349	-
Vert.	16530.000	PK	48.25	39.52	-30.77	-	-	-9.54	47.46	-47.77	-27.0	20.7	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] = $10 * \log((10^{(Result [dBuV/m]/20)} * 10^{(-6)} * Distance : 3 [m])^2 / 30 * 10^{-3})$

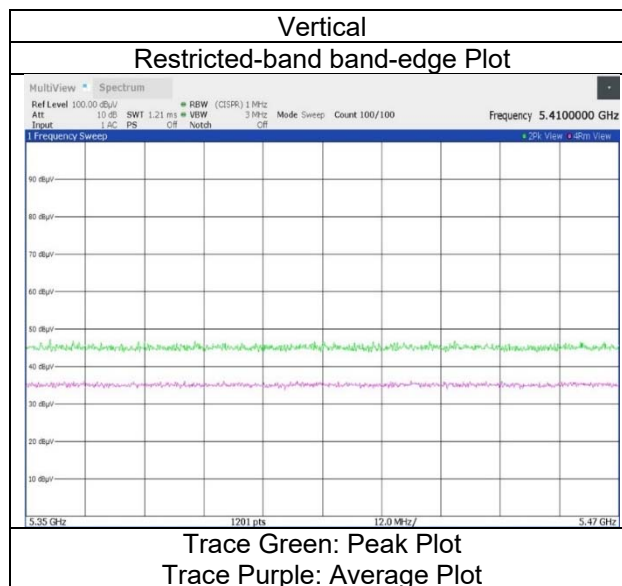
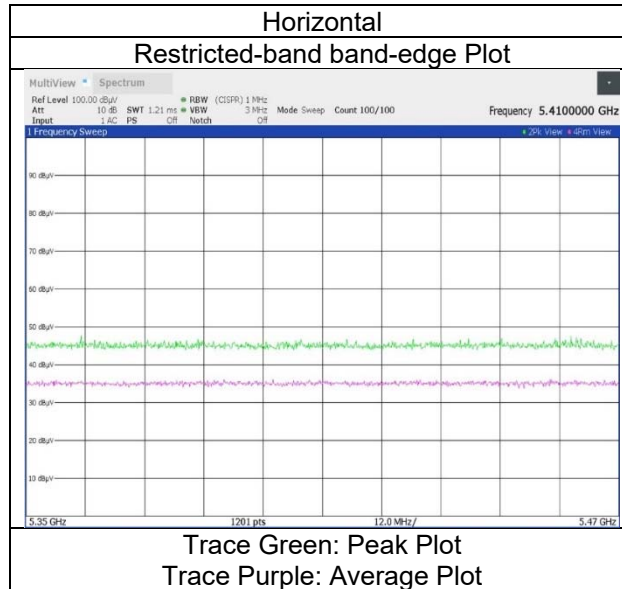
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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 11ax-40 (OFDM), MIMO 5510 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-40 (OFDM), MIMO 5550 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 04, 2025	WAC2	21 deg. C	29 % RH	Shiro Kobayashi	1 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	Detector	Reading	Ant.Fac.	Loss	Gain	Distance Fac.	Result	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[deg.]	
Hori.	11100.000	PK	46.66	37.14	-32.78	-	-9.54	41.48	73.9	32.4	150	0	Floor Noise
Hori.	22200.000	PK	47.33	40.29	13.16	47.32	-9.54	43.92	73.9	29.9	163	213	-
Hori.	11100.000	AV	36.14	37.14	-32.78	-	-9.54	30.96	53.9	22.9	150	0	Floor Noise
Vert.	11100.000	PK	47.73	37.14	-32.78	-	-9.54	42.55	73.9	31.3	150	0	Floor Noise
Vert.	22200.000	PK	47.57	40.29	13.16	47.32	-9.54	44.16	73.9	29.7	128	256	-
Vert.	11100.000	AV	36.07	37.14	-32.78	-	-9.54	30.89	53.9	23.0	150	0	Floor Noise

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

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

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

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

Average measurement value with Duty Factor

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	22200.000	AV	41.61	40.29	13.16	47.32	0.20	-9.54	38.40	53.9	15.5	-
Vert.	22200.000	AV	42.62	40.29	13.16	47.32	0.20	-9.54	39.41	53.9	14.4	-

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

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

Duty factor refer to "Burst rate confirmation" sheet.

(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.	16650.000	PK	48.20	39.26	-30.67	-	-	-9.54	47.25	-47.98	-27.0	20.9	150	0	Floor Noise
Vert.	16650.000	PK	48.06	39.26	-30.67	-	-	-9.54	47.11	-48.12	-27.0	21.1	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] = $10 * \text{LOG}((10^{(Result\text{ [dBuV/m]} / 20)} * 10^{(-6)} * \text{Distance : } 3\text{ [m]})^2 / 30 * 10^{-3})$

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

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

Radiated Spurious Emission

Mode	Tx 11ax-40 (OFDM), MIMO 5670 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.	11340.000	PK	47.47	37.36	-32.74	-	-9.54	42.55	73.9	31.3	150	0	Floor Noise
Hori.	22680.000	PK	46.93	40.21	13.31	47.25	-9.54	43.66	73.9	30.2	163	254	-
Hori.	11340.000	AV	36.18	37.36	-32.74	-	-9.54	31.26	53.9	22.6	150	0	Floor Noise
Vert.	11340.000	PK	46.72	37.36	-32.74	-	-9.54	41.80	73.9	32.1	150	0	Floor Noise
Vert.	22680.000	PK	46.90	40.21	13.31	47.25	-9.54	43.63	73.9	30.2	151	256	-
Vert.	11340.000	AV	36.24	37.36	-32.74	-	-9.54	31.32	53.9	22.5	150	0	Floor Noise

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

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

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

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	22680.000	AV	40.61	40.21	13.31	47.25	0.20	-9.54	37.54	53.9	16.3	-
Vert.	22680.000	AV	40.65	40.21	13.31	47.25	0.20	-9.54	37.58	53.9	16.3	-

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	47.22	32.98	-26.89	-	-	2.22	55.53	-39.70	-27.0	12.7	390	349	-
Hori.	17010.000	PK	47.74	39.35	-30.37	-	-	-9.54	47.18	-48.05	-27.0	21.0	150	0	Floor Noise
Vert.	5725.000	PK	47.73	32.98	-26.89	-	-	2.22	56.04	-39.19	-27.0	12.1	316	358	-
Vert.	17010.000	PK	47.37	39.35	-30.37	-	-	-9.54	46.81	-48.42	-27.0	21.4	150	0	Floor Noise

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

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

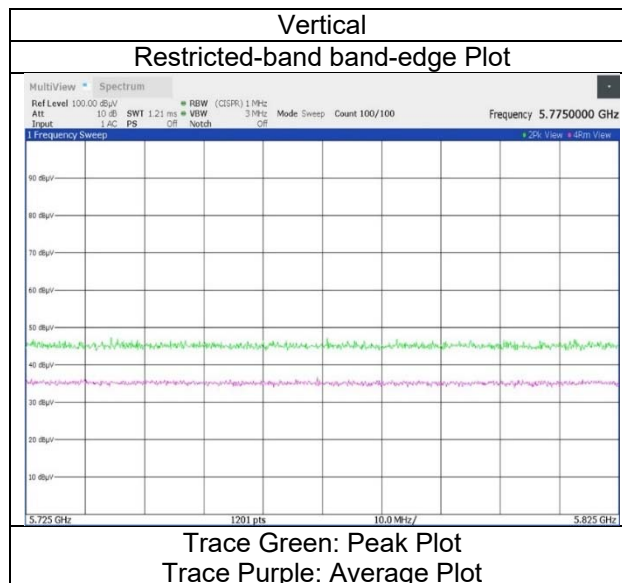
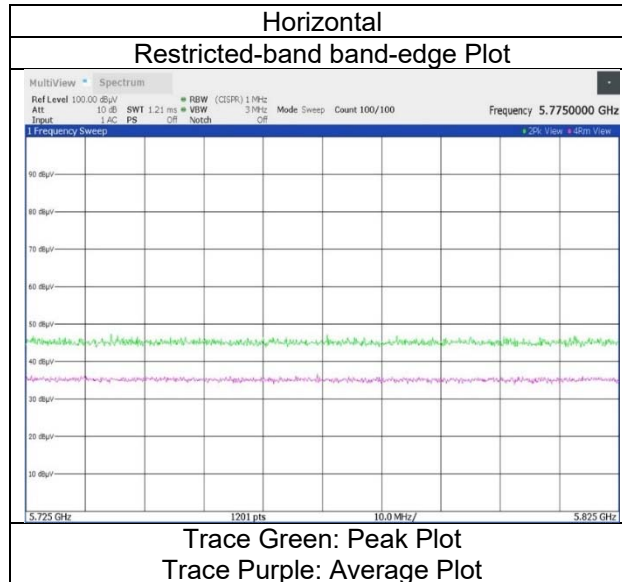
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-40 (OFDM), MIMO 5670 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-40 (OFDM), MIMO 5755 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.	11510.000	PK	46.62	37.51	-32.69	-	-9.54	41.90	73.9	32.0	150	0	Floor Noise
Hori.	23020.000	PK	46.77	40.15	13.38	47.10	-9.54	43.66	73.9	30.2	156	265	-
Hori.	11510.000	AV	36.14	37.51	-32.69	-	-9.54	31.42	53.9	22.4	150	0	Floor Noise
Vert.	11510.000	PK	46.45	37.51	-32.69	-	-9.54	41.73	73.9	32.1	150	0	Floor Noise
Vert.	23020.000	PK	45.52	40.15	13.38	47.10	-9.54	42.41	73.9	31.4	164	211	-
Vert.	11510.000	AV	35.97	37.51	-32.69	-	-9.54	31.25	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 : 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.	23020.000	AV	41.31	40.15	13.38	47.10	0.20	-9.54	38.40	53.9	15.5	-
Vert.	23020.000	AV	38.86	40.15	13.38	47.10	0.20	-9.54	35.95	53.9	17.9	-

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	47.30	32.99	-26.91	-	-	2.22	55.60	-39.63	-27.0	12.6	393	3	-
Hori.	5700.000	PK	47.80	33.00	-26.90	-	-	2.22	56.12	-39.11	10.0	49.1	393	3	-
Hori.	5720.000	PK	47.89	32.98	-26.89	-	-	2.22	56.20	-39.03	15.6	54.6	393	3	-
Hori.	5725.000	PK	47.78	32.98	-26.89	-	-	2.22	56.09	-39.14	27.0	66.1	393	3	-
Hori.	17265.000	PK	47.69	39.93	-30.10	-	-	-9.54	47.98	-47.25	-27.0	20.2	150	0	Floor Noise
Vert.	5650.000	PK	47.52	32.99	-26.91	-	-	2.22	55.82	-39.41	-27.0	12.4	293	9	-
Vert.	5700.000	PK	47.87	33.00	-26.90	-	-	2.22	56.19	-39.04	10.0	49.0	293	9	-
Vert.	5720.000	PK	47.73	32.98	-26.89	-	-	2.22	56.04	-39.19	15.6	54.7	293	9	-
Vert.	5725.000	PK	47.64	32.98	-26.89	-	-	2.22	55.95	-39.28	27.0	66.2	293	9	-
Vert.	17265.000	PK	48.20	39.93	-30.10	-	-	-9.54	48.49	-46.74	-27.0	19.7	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)

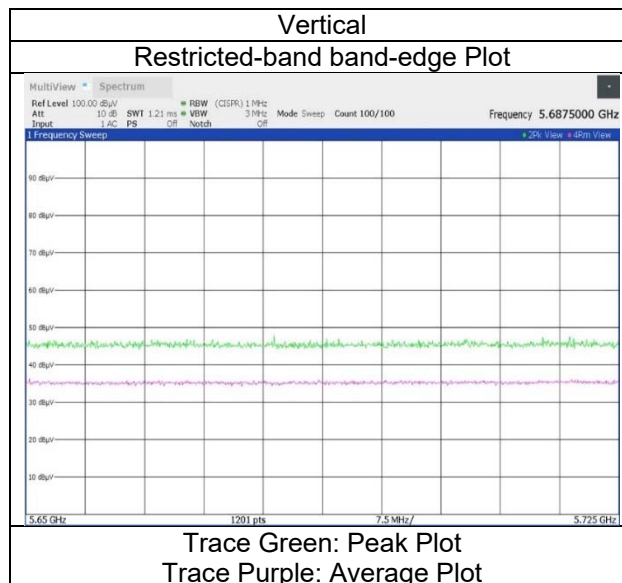
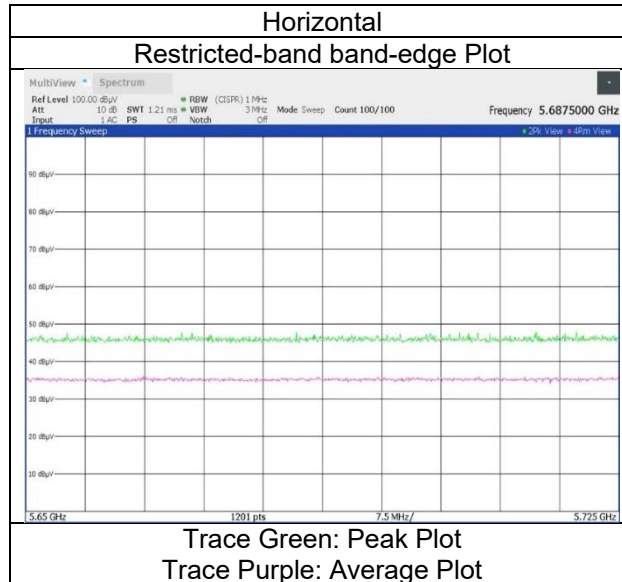
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-40 (OFDM), MIMO 5755 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-40 (OFDM), MIMO 5795 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.	11590.000	PK	46.22	37.55	-32.68	-	-9.54	41.55	73.9	32.3	150	0	Floor Noise
Hori.	11590.000	AV	35.72	37.55	-32.68	-	-9.54	31.05	53.9	22.8	150	0	Floor Noise
Vert.	11590.000	PK	46.14	37.55	-32.68	-	-9.54	41.47	73.9	32.4	150	0	Floor Noise
Vert.	11590.000	AV	35.90	37.55	-32.68	-	-9.54	31.23	53.9	22.6	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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 : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

(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	47.24	32.98	-26.87	-	-	2.22	55.57	-39.66	27.0	66.6	339	1	-
Hori.	5855.000	PK	47.26	32.99	-26.87	-	-	2.22	55.60	-39.63	15.6	55.2	339	1	-
Hori.	5875.000	PK	47.73	33.01	-26.87	-	-	2.22	56.09	-39.14	10.0	49.1	339	1	-
Hori.	5925.000	PK	47.34	33.10	-26.85	-	-	2.22	55.81	-39.42	-27.0	12.4	339	1	-
Hori.	17385.000	PK	47.58	40.09	-29.98	-	-	-9.54	48.15	-47.08	-27.0	20.0	150	0	Floor Noise
Hori.	23180.000	PK	46.67	40.13	13.44	46.98	-	-9.54	43.72	-51.51	-27.0	24.5	164	243	-
Vert.	5850.000	PK	48.03	32.98	-26.87	-	-	2.22	56.36	-38.87	27.0	65.8	354	353	-
Vert.	5855.000	PK	48.14	32.99	-26.87	-	-	2.22	56.48	-38.75	15.6	54.3	354	353	-
Vert.	5875.000	PK	47.40	33.01	-26.87	-	-	2.22	55.76	-39.47	10.0	49.4	354	353	-
Vert.	5925.000	PK	47.37	33.10	-26.85	-	-	2.22	55.84	-39.39	-27.0	12.3	354	353	-
Vert.	17385.000	PK	47.29	40.09	-29.98	-	-	-9.54	47.86	-47.37	-27.0	20.3	150	0	Floor Noise
Vert.	23180.000	PK	46.35	40.13	13.44	46.98	-	-9.54	43.40	-51.83	-27.0	24.8	162	209	-

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

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

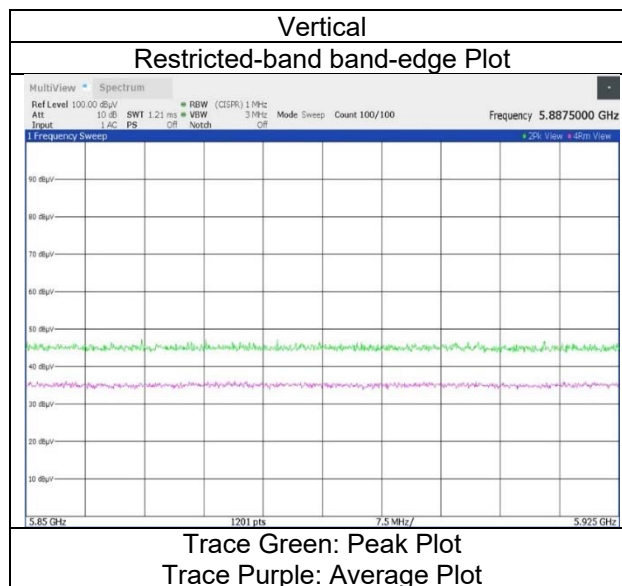
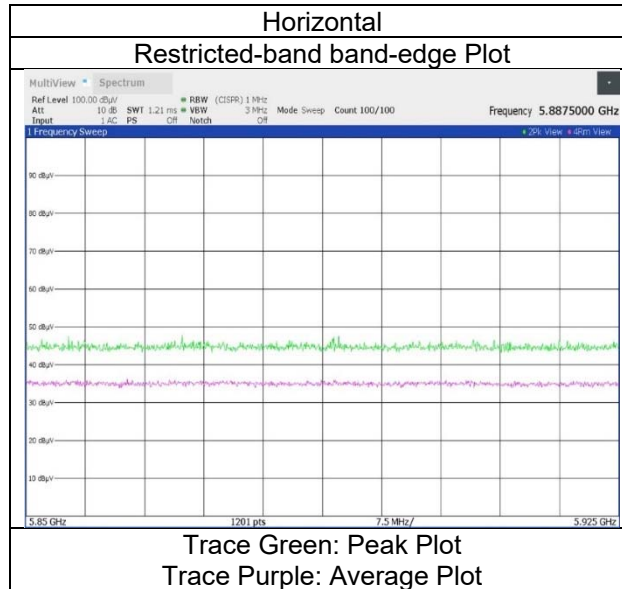
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ax-40 (OFDM), MIMO 5795 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-40 (OFDMA), 26-tone RU, RU Index 0, MIMO 5190 MHz				
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

(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	47.95	32.12	-27.36	-	2.22	54.93	73.9	18.9	400	5	-
Vert.	5150.000	PK	47.47	32.12	-27.36	-	2.22	54.45	73.9	19.4	211	353	-

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

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

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

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	5150.000	AV	36.61	32.12	-27.36	-	0.24	2.22	43.83	53.9	10.0	*1)
Vert.	5150.000	AV	36.46	32.12	-27.36	-	0.24	2.22	43.68	53.9	10.2	*1)

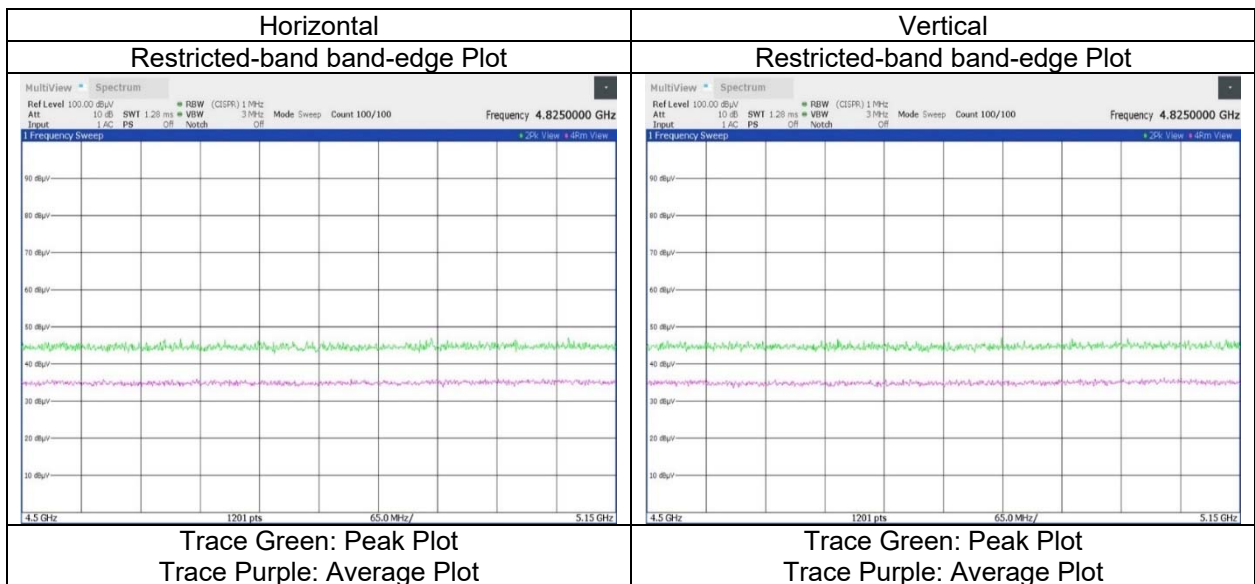
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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)



* 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), 26-tone RU, RU Index 17, MIMO 5310 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

(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	47.43	31.88	-27.12	-	2.22	54.41	73.9	19.4	399	9	-
Vert.	5350.000	PK	47.67	31.88	-27.12	-	2.22	54.65	73.9	19.2	307	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	36.39	31.88	-27.12	-	0.24	2.22	43.61	53.9	10.2	*1)
Vert.	5350.000	AV	36.58	31.88	-27.12	-	0.24	2.22	43.80	53.9	10.1	*1)

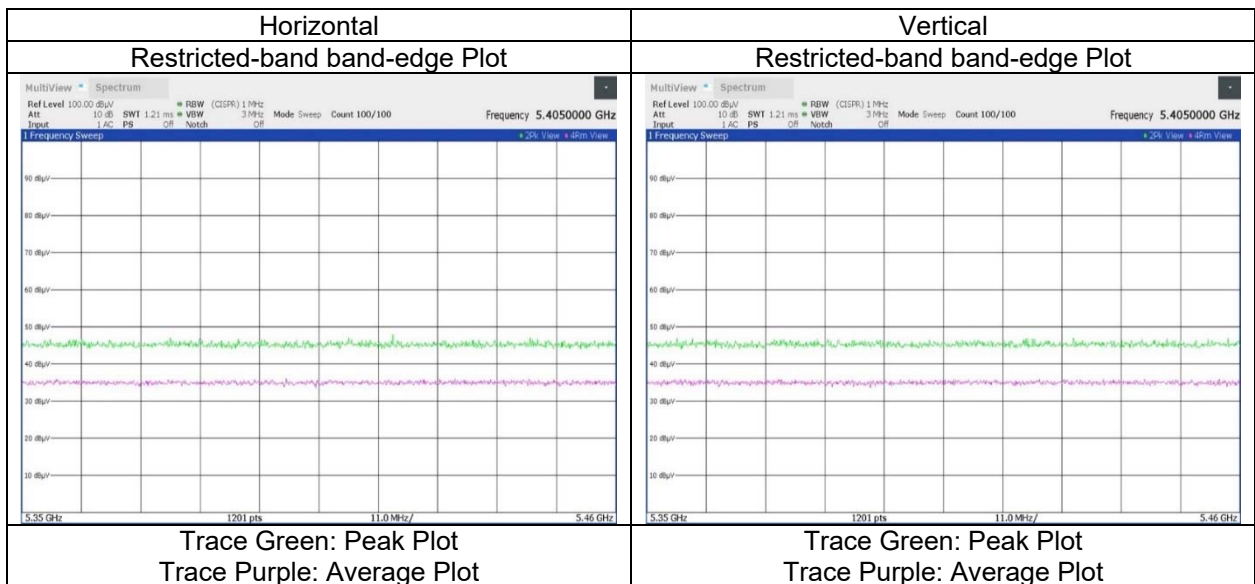
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

Duty factor refer to "Burst rate confirmation" sheet.

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-40 (OFDMA), 26-tone RU, RU Index 0, MIMO 5510 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

(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	47.38	32.30	-26.98	-	2.22	54.92	73.9	18.9	353	1	-
Vert.	5460.000	PK	47.96	32.30	-26.98	-	2.22	55.50	73.9	18.4	291	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) + 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	36.45	32.30	-26.98	-	0.24	2.22	44.23	53.9	9.6	*1)
Vert.	5460.000	AV	36.54	32.30	-26.98	-	0.24	2.22	44.32	53.9	9.5	*1)

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

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

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

Duty factor refer to "Burst rate confirmation" sheet.

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

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

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	48.03	32.35	-26.97	-	-	2.22	55.63	-39.60	-27.0	12.6	353	1	-
Vert.	5470.000	PK	48.12	32.35	-26.97	-	-	2.22	55.72	-39.51	-27.0	12.5	291	9	-

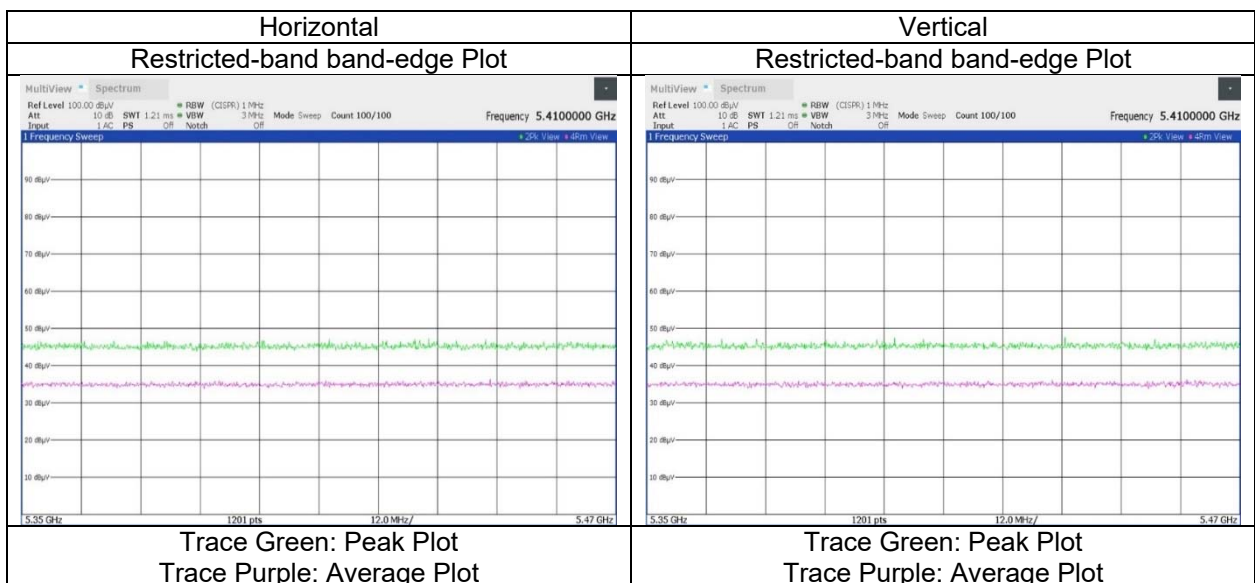
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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), 26-tone RU, RU Index 17, MIMO 5670 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.	5725.000	PK	47.62	32.98	-26.89	-	-	2.22	55.93	-39.30	-27.0	12.3	379	10	-
Vert.	5725.000	PK	47.53	32.98	-26.89	-	-	2.22	55.84	-39.39	-27.0	12.3	271	0	-

Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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), 26-tone RU, RU Index 0, MIMO 5755 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.	5650.000	PK	47.75	32.99	-26.91	-	-	2.22	56.05	-39.18	-27.0	12.1	352	0	-	-
Hori.	5700.000	PK	47.69	33.00	-26.90	-	-	2.22	56.01	-39.22	10.0	49.2	352	0	-	-
Hori.	5720.000	PK	47.61	32.98	-26.89	-	-	2.22	55.92	-39.31	15.6	54.9	352	0	-	-
Hori.	5725.000	PK	49.50	32.98	-26.89	-	-	2.22	57.81	-37.42	27.0	64.4	352	0	-	-
Vert.	5650.000	PK	47.71	32.99	-26.91	-	-	2.22	56.01	-39.22	-27.0	12.2	250	10	-	-
Vert.	5700.000	PK	47.81	33.00	-26.90	-	-	2.22	56.13	-39.10	10.0	49.1	250	10	-	-
Vert.	5720.000	PK	48.15	32.98	-26.89	-	-	2.22	56.46	-38.77	15.6	54.3	250	10	-	-
Vert.	5725.000	PK	51.42	32.98	-26.89	-	-	2.22	59.73	-35.50	27.0	62.5	250	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-40 (OFDMA), 26-tone RU, RU Index 17, 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	47.78	32.98	-26.87	-	-	2.22	56.11	-39.12	27.0	66.1	379	7	-	-
Hori.	5855.000	PK	47.54	32.99	-26.87	-	-	2.22	55.88	-39.35	15.6	54.9	379	7	-	-
Hori.	5875.000	PK	47.47	33.01	-26.87	-	-	2.22	55.83	-39.40	10.0	49.4	379	7	-	-
Hori.	5925.000	PK	47.55	33.10	-26.85	-	-	2.22	56.02	-39.21	-27.0	12.2	379	7	-	-
Vert.	5850.000	PK	48.00	32.98	-26.87	-	-	2.22	56.33	-38.90	27.0	65.9	272	18	-	-
Vert.	5855.000	PK	47.94	32.99	-26.87	-	-	2.22	56.28	-38.95	15.6	54.5	272	18	-	-
Vert.	5875.000	PK	47.69	33.01	-26.87	-	-	2.22	56.05	-39.18	10.0	49.1	272	18	-	-
Vert.	5925.000	PK	47.75	33.10	-26.85	-	-	2.22	56.22	-39.01	-27.0	12.0	272	18	-	-

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), 52-tone RU, RU Index 37, MIMO 5190 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

(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	47.71	32.12	-27.36	-	2.22	54.69	73.9	19.2	375	9	-
Vert.	5150.000	PK	47.71	32.12	-27.36	-	2.22	54.69	73.9	19.2	211	353	-

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

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

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

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	36.64	32.12	-27.36	-	0.24	2.22	43.86	53.9	10.0	*1)
Vert.	5150.000	AV	36.61	32.12	-27.36	-	0.24	2.22	43.83	53.9	10.0	*1)

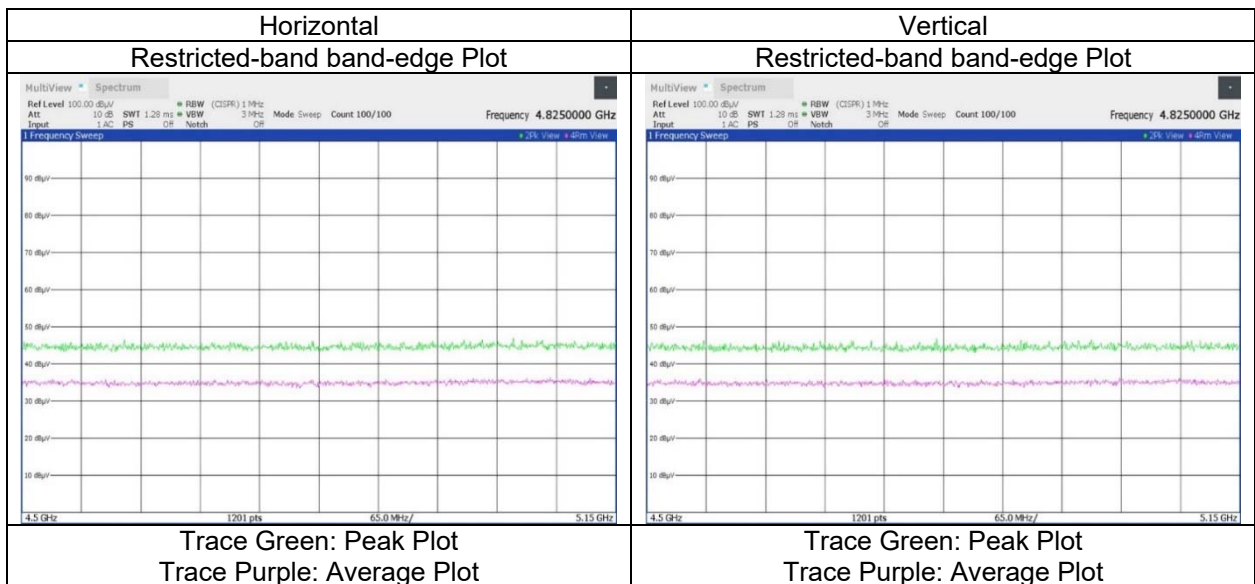
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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-40 (OFDMA), 52-tone RU, RU Index 44, MIMO 5310 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

(above 1 GHz Inside of the restricted band)

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5350.000	PK	47.89	31.88	-27.12	-	2.22	54.87	73.9	19.0	372	351	-
Vert.	5350.000	PK	48.12	31.88	-27.12	-	2.22	55.10	73.9	18.8	343	216	-

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	36.16	31.88	-27.12	-	0.24	2.22	43.38	53.9	10.5	*1)
Vert.	5350.000	AV	36.24	31.88	-27.12	-	0.24	2.22	43.46	53.9	10.4	*1)

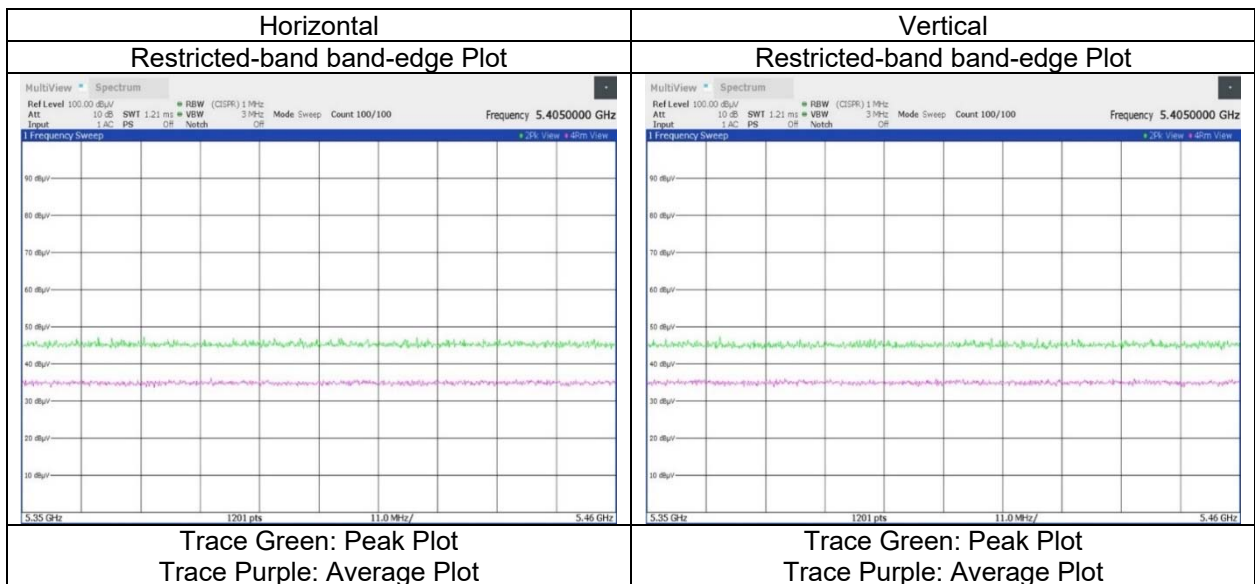
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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), 52-tone RU, RU Index 37, MIMO 5510 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

(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	47.71	32.30	-26.98	-	2.22	55.25	73.9	18.6	354	358	-
Vert.	5460.000	PK	47.69	32.30	-26.98	-	2.22	55.23	73.9	18.6	277	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 : $20\log(3.87[m]/3.0[m]) = 2.22[\text{dB}]$

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	36.50	32.30	-26.98	-	0.24	2.22	44.28	53.9	9.6 *1)	
Vert.	5460.000	AV	36.40	32.30	-26.98	-	0.24	2.22	44.18	53.9	9.7 *1)	

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

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

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

Duty factor refer to "Burst rate confirmation" sheet.

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

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

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

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Result (EIRP) [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [deg.]	Remark
Hori.	5470.000	PK	47.67	32.35	-26.97	-	-	2.22	55.27	-39.96	-27.0	12.9	354	358	-
Vert.	5470.000	PK	47.75	32.35	-26.97	-	-	2.22	55.35	-39.88	-27.0	12.8	277	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) + Duty Fac. + Distance Fac.

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

*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), 52-tone RU, RU Index 44, MIMO 5670 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.	5725.000	PK	47.87	32.98	-26.89	-	-	2.22	56.18	-39.05	-27.0	12.0	371	353	-
Vert.	5725.000	PK	47.55	32.98	-26.89	-	-	2.22	55.86	-39.37	-27.0	12.3	302	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), 52-tone RU, RU Index 37, MIMO 5755 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.	5650.000	PK	47.26	32.99	-26.91	-	-	2.22	55.56	-39.67	-27.0	12.6	373	358	-	
Hori.	5700.000	PK	47.63	33.00	-26.90	-	-	2.22	55.95	-39.28	10.0	49.2	373	358	-	
Hori.	5720.000	PK	47.59	32.98	-26.89	-	-	2.22	55.90	-39.33	15.6	54.9	373	358	-	
Hori.	5725.000	PK	49.50	32.98	-26.89	-	-	2.22	57.81	-37.42	27.0	64.4	373	358	-	
Vert.	5650.000	PK	47.43	32.99	-26.91	-	-	2.22	55.73	-39.50	-27.0	12.5	297	7	-	
Vert.	5700.000	PK	48.13	33.00	-26.90	-	-	2.22	56.45	-38.78	10.0	48.7	297	7	-	
Vert.	5720.000	PK	48.32	32.98	-26.89	-	-	2.22	56.63	-38.60	15.6	54.2	297	7	-	
Vert.	5725.000	PK	51.20	32.98	-26.89	-	-	2.22	59.51	-35.72	27.0	62.7	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.