

Radiated Spurious Emission

Mode	Tx 11ax-40(OFDMA) 484-tone RU, RU Index 65, MIMO 6845 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 02, 2025	WAC2	23 deg. C	32 % RH	Yosuke Murakami	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant. Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	7125.000	PK	47.18	35.92	-26.09	-	-	2.22	59.23	-36.00	-7.0	29.0	395	323	Floor Noise	
Hori.	7125.000	AV	36.01	35.92	-26.09	-	-	2.22	48.06	-47.17	-27.0	20.1	395	323	Floor Noise	
Vert.	7125.000	PK	47.09	35.92	-26.09	-	-	2.22	59.14	-36.09	-7.0	29.0	361	358	Floor Noise	
Vert.	7125.000	AV	35.00	35.92	-26.09	-	-	2.22	47.05	-48.18	-27.0	21.1	361	358	Floor Noise	

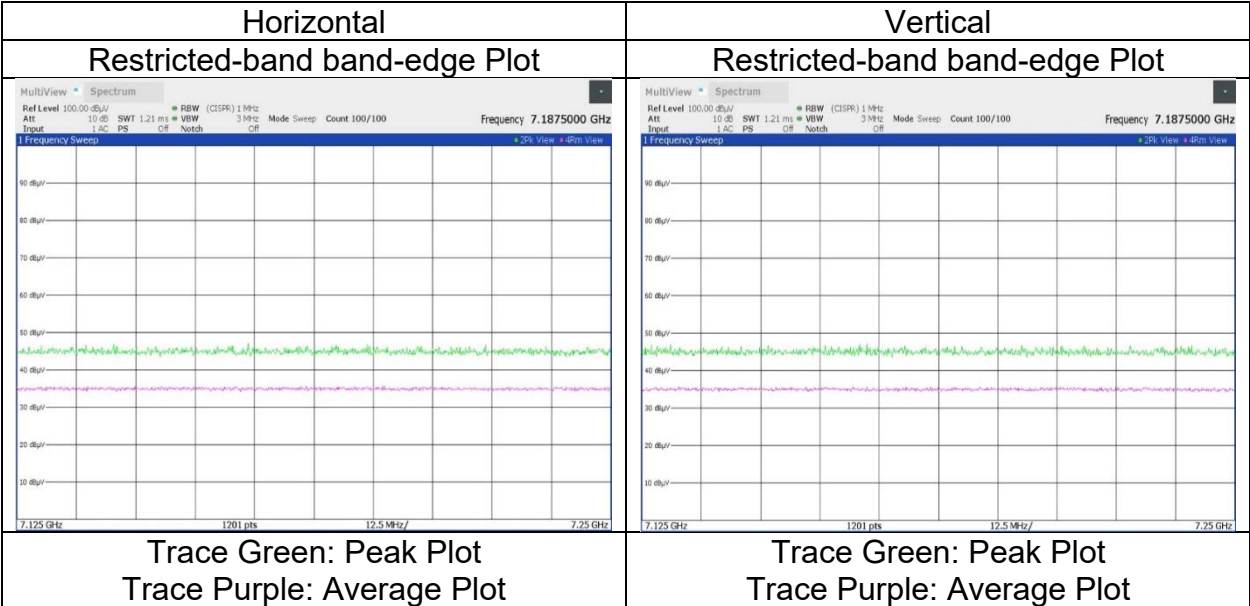
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDM), MIMO 5985 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 10, 2025	WAC2	23 deg. C	25 % RH	Miku Ikudome	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.	11970.000	PK	47.80	38.15	-31.53	-	-9.54	44.88	73.9	29.0	150	0	Floor Noise
Hori.	17955.000	PK	48.50	40.07	-28.85	-	-9.54	50.18	73.9	23.7	150	0	Floor Noise
Hori.	23940.000	PK	45.63	40.07	13.52	46.73	-9.54	42.95	73.9	30.9	147	311	-
Hori.	11970.000	AV	37.10	38.15	-31.53	-	-9.54	34.18	53.9	19.7	150	0	Floor Noise
Hori.	17955.000	AV	37.00	40.07	-28.85	-	-9.54	38.68	53.9	15.2	150	0	Floor Noise
Vert.	11970.000	PK	48.11	38.15	-31.53	-	-9.54	45.19	73.9	28.7	150	0	Floor Noise
Vert.	17955.000	PK	47.51	40.07	-28.85	-	-9.54	49.19	73.9	24.7	150	0	Floor Noise
Vert.	23940.000	PK	46.97	40.07	13.52	46.73	-9.54	44.29	73.9	29.6	138	263	-
Vert.	11970.000	AV	37.31	38.15	-31.53	-	-9.54	34.39	53.9	19.5	150	0	Floor Noise
Vert.	17955.000	AV	37.11	40.07	-28.85	-	-9.54	38.79	53.9	15.1	150	0	Floor Noise

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

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

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

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	23940.000	AV	39.89	40.07	13.52	46.73	0.03	-9.54	37.24	53.9	16.6	-
Vert.	23940.000	AV	42.34	40.07	13.52	46.73	0.03	-9.54	39.69	53.9	14.2	-

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.	5925.000	PK	47.39	33.10	-26.85	-	-	2.22	55.86	-39.37	-7.0	32.3	396	356	-
Hori.	35910.000	PK	51.23	43.59	19.98	61.62	-	-9.54	43.64	-51.59	-7.0	44.5	154	280	-
Hori.	5925.000	AV	36.47	33.10	-26.85	-	0.03	2.22	44.97	-50.26	-27.0	23.2	396	356	-
Hori.	35910.000	AV	40.10	43.59	19.98	61.62	0.03	-9.54	32.54	-62.69	-27.0	35.6	154	280	-
Vert.	5925.000	PK	47.37	33.10	-26.85	-	-	2.22	55.84	-39.39	-7.0	32.3	344	356	-
Vert.	35910.000	PK	51.15	43.59	19.98	61.62	-	-9.54	43.56	-51.67	-7.0	44.6	152	267	-
Vert.	5925.000	AV	36.57	33.10	-26.85	-	0.03	2.22	45.07	-50.16	-27.0	23.1	344	356	-
Vert.	35910.000	AV	40.06	43.59	19.98	61.62	0.03	-9.54	32.50	-62.73	-27.0	35.7	152	267	-

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

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

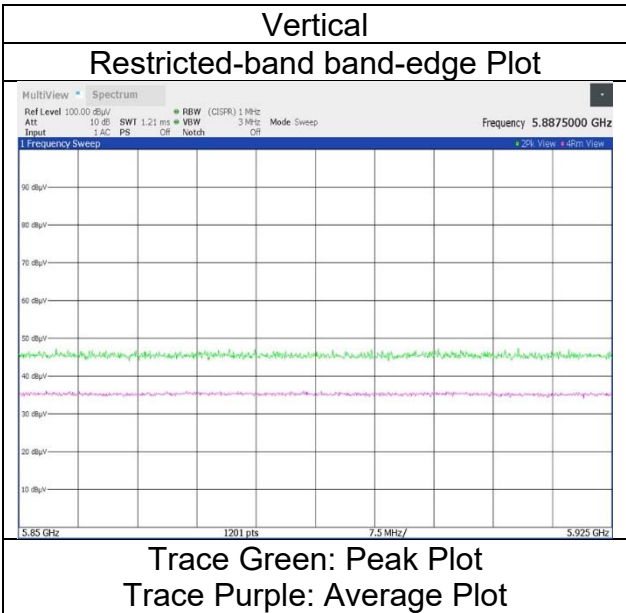
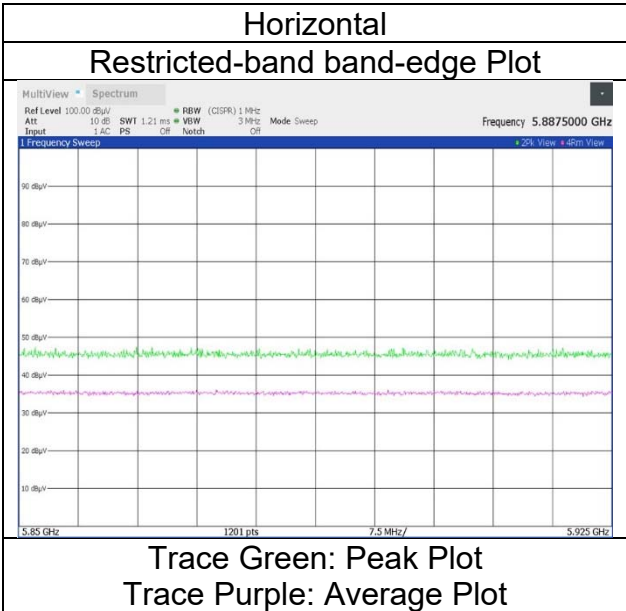
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDM), MIMO 5985 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz



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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDM), MIMO 6225 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 10, 2025	WAC2	23 deg. C	25 % RH	Miku Ikudome	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.	8300.000	PK	47.44	37.39	-32.78	-	2.22	54.27	73.9	19.6	400	42	-
Hori.	12450.000	PK	47.44	37.85	-31.19	-	-9.54	44.56	73.9	29.3	150	0	Floor Noise
Hori.	18675.000	PK	42.92	40.10	11.91	48.17	-9.54	37.22	73.9	36.6	150	0	Floor Noise
Hori.	12450.000	AV	36.61	37.85	-31.19	-	-9.54	33.73	53.9	20.1	150	0	Floor Noise
Hori.	18675.000	AV	32.45	40.10	11.91	48.17	-9.54	26.75	53.9	27.1	150	0	Floor Noise
Vert.	8300.000	PK	47.24	37.39	-32.78	-	2.22	54.07	73.9	19.8	351	23	-
Vert.	12450.000	PK	47.58	37.85	-31.19	-	-9.54	44.70	73.9	29.2	150	0	Floor Noise
Vert.	18675.000	PK	43.77	40.10	11.91	48.17	-9.54	38.07	73.9	35.8	150	0	Floor Noise
Vert.	12450.000	AV	36.59	37.85	-31.19	-	-9.54	33.71	53.9	20.1	150	0	Floor Noise
Vert.	18675.000	AV	32.86	40.10	11.91	48.17	-9.54	27.16	53.9	26.7	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 : $20\log(3.87\text{ [m]} / 3.0\text{ [m]}) = 2.22\text{ [dB]}$

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.	8300.000	AV	37.65	37.39	-32.78	-	0.03	2.22	44.51	53.9	9.3	*2)
Vert.	8300.000	AV	37.08	37.39	-32.78	-	0.03	2.22	43.94	53.9	9.9	*2)

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

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

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.

*2) Noise synchronized with duty of carrier frequency.

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

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty 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.	24900.000	PK	46.98	40.31	13.96	46.82	-	-9.54	44.89	-50.34	-7.0	43.3	169	242	-
Hori.	37350.000	PK	52.16	44.21	20.45	63.92	-	-9.54	43.36	-51.87	-7.0	44.8	152	249	-
Hori.	24900.000	AV	40.68	40.31	13.96	46.82	0.03	-9.54	38.62	-56.61	-27.0	29.6	169	242	-
Hori.	37350.000	AV	42.81	44.21	20.45	63.92	0.03	-9.54	34.04	-61.19	-27.0	34.1	152	249	-
Vert.	24900.000	PK	46.17	40.31	13.96	46.82	-	-9.54	44.08	-51.15	-7.0	44.1	158	254	-
Vert.	37350.000	PK	51.24	44.21	20.45	63.92	-	-9.54	42.44	-52.79	-7.0	45.7	155	279	-
Vert.	24900.000	AV	40.11	40.31	13.96	46.82	0.03	-9.54	38.05	-57.18	-27.0	30.1	158	254	-
Vert.	37350.000	AV	42.03	44.21	20.45	63.92	0.03	-9.54	33.26	-61.97	-27.0	34.9	155	279	-

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

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

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

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

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-80(OFDM), MIMO 6385 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 10, 2025	WAC2	23 deg. C	25 % RH	Miku Ikudome	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.	19155.000	PK	42.69	40.31	12.11	48.01	-9.54	37.56	73.9	36.3	150	0	Floor Noise
Hori.	19155.000	AV	32.32	40.31	12.11	48.01	-9.54	27.19	53.9	26.7	150	0	Floor Noise
Vert.	19155.000	PK	43.06	40.31	12.11	48.01	-9.54	37.93	73.9	35.9	150	0	Floor Noise
Vert.	19155.000	AV	32.20	40.31	12.11	48.01	-9.54	27.07	53.9	26.8	150	0	Floor Noise

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 : 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	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.	12770.000	PK	47.97	38.18	-31.10	-	-	-9.54	45.51	-49.72	-7.0	42.7	150	0	Floor Noise
Hori.	25540.000	PK	47.07	40.69	14.16	46.82	-	-9.54	45.56	-49.67	-7.0	42.6	157	265	-
Hori.	38310.000	PK	52.45	44.00	20.77	64.48	-	-9.54	43.20	-52.03	-7.0	45.0	147	253	-
Hori.	12770.000	AV	36.89	38.18	-31.10	-	-	-9.54	34.43	-60.80	-27.0	33.8	150	0	Floor Noise
Hori.	25540.000	AV	41.76	40.69	14.16	46.82	0.03	-9.54	40.28	-54.95	-27.0	27.9	157	265	-
Hori.	38310.000	AV	43.71	44.00	20.77	64.48	0.03	-9.54	34.49	-60.74	-27.0	33.7	147	253	-
Vert.	12770.000	PK	47.73	38.18	-31.10	-	-	-9.54	45.27	-49.96	-7.0	42.9	150	0	Floor Noise
Vert.	25540.000	PK	45.47	40.69	14.16	46.82	-	-9.54	43.96	-51.27	-7.0	44.2	147	237	-
Vert.	38310.000	PK	52.43	44.00	20.77	64.48	-	-9.54	43.18	-52.05	-7.0	45.0	142	291	-
Vert.	12770.000	AV	37.03	38.18	-31.10	-	-	-9.54	34.57	-60.66	-27.0	33.6	150	0	Floor Noise
Vert.	25540.000	AV	38.94	40.69	14.16	46.82	0.03	-9.54	37.46	-57.77	-27.0	30.7	147	237	-
Vert.	38310.000	AV	43.47	44.00	20.77	64.48	0.03	-9.54	34.25	-60.98	-27.0	33.9	142	291	-

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

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

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

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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDM), MIMO 6625 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 10, 2025	WAC2	23 deg. C	25 % RH	Miku Ikudome	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.	13250.000	PK	48.93	38.62	-30.86	-	-9.54	47.15	73.9	26.7	150	0	Floor Noise
Hori.	19875.000	PK	42.22	40.15	12.27	47.27	-9.54	37.83	73.9	36.0	150	0	Floor Noise
Hori.	39750.000	PK	52.91	44.14	21.14	63.59	-9.54	45.06	73.9	28.8	166	261	-
Hori.	13250.000	AV	36.94	38.62	-30.86	-	-9.54	35.16	53.9	18.7	150	0	Floor Noise
Hori.	19875.000	AV	31.37	40.15	12.27	47.27	-9.54	26.98	53.9	26.9	150	0	Floor Noise
Vert.	13250.000	PK	47.84	38.62	-30.86	-	-9.54	46.06	73.9	27.8	150	0	Floor Noise
Vert.	19875.000	PK	42.40	40.15	12.27	47.27	-9.54	38.01	73.9	35.8	150	0	Floor Noise
Vert.	39750.000	PK	52.72	44.14	21.14	63.59	-9.54	44.87	73.9	29.0	160	229	-
Vert.	13250.000	AV	36.88	38.62	-30.86	-	-9.54	35.10	53.9	18.8	150	0	Floor Noise
Vert.	19875.000	AV	31.85	40.15	12.27	47.27	-9.54	27.46	53.9	26.4	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz)) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + 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.	39750.000	AV	44.20	44.14	21.14	63.59	0.03	-9.54	36.38	53.9	17.5	-
Vert.	39750.000	AV	44.16	44.14	21.14	63.59	0.03	-9.54	36.34	53.9	17.5	-

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

Distance Fac.: 1 GHz to 10 GHz : 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.	26500.000	PK	48.28	40.42	14.44	46.91	-	-9.54	46.69	-48.54	-7.0	41.5	164	238	-
Hori.	26500.000	AV	44.05	40.42	14.44	46.91	0.03	-9.54	42.49	-52.74	-27.0	25.7	164	238	-
Vert.	26500.000	PK	46.13	40.42	14.44	46.91	-	-9.54	44.54	-50.69	-7.0	43.6	151	227	-
Vert.	26500.000	AV	40.37	40.42	14.44	46.91	0.03	-9.54	38.81	-56.42	-27.0	29.4	151	227	-

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

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

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

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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDM), MIMO 6705 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 10, 2025	WAC2	23 deg. C	25 % RH	Miku Ikudome	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.	20115.000	PK	42.40	40.16	12.35	47.05	-9.54	38.32	73.9	35.5	150	0	Floor Noise
Hori.	20115.000	AV	31.31	40.16	12.35	47.05	-9.54	27.23	53.9	26.6	150	0	Floor Noise
Vert.	20115.000	PK	42.11	40.16	12.35	47.05	-9.54	38.03	73.9	35.8	150	0	Floor Noise
Vert.	20115.000	AV	30.95	40.16	12.35	47.05	-9.54	26.87	53.9	27.0	150	0	Floor Noise

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

(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.	13410.000	PK	47.74	38.69	-30.78	-	-	-9.54	46.11	-49.12	-7.0	42.1	150	0	Floor Noise
Hori.	26820.000	PK	57.12	43.24	16.83	60.21	-	-9.54	47.44	-47.79	-7.0	40.7	146	236	-
Hori.	13410.000	AV	37.14	38.69	-30.78	-	0.00	-9.54	35.51	-59.72	-27.0	32.7	150	0	Floor Noise
Hori.	26820.000	AV	52.96	43.24	16.83	60.21	0.03	-9.54	43.31	-51.92	-27.0	24.9	146	236	-
Vert.	13410.000	PK	48.11	38.69	-30.78	-	-	-9.54	46.48	-48.75	-7.0	41.7	150	0	Floor Noise
Vert.	26820.000	PK	54.81	43.24	16.83	60.21	-	-9.54	45.13	-50.10	-7.0	43.1	151	257	-
Vert.	13410.000	AV	37.10	38.69	-30.78	-	0.00	-9.54	35.47	-59.76	-27.0	32.7	150	0	Floor Noise
Vert.	26820.000	AV	50.24	43.24	16.83	60.21	0.03	-9.54	40.59	-54.64	-27.0	27.6	151	257	-

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 11ax-80(OFDM), MIMO 6785 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 10, 2025	WAC2	23 deg. C	25 % RH	Miku Ikudome	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.	20355.000	PK	42.19	40.20	12.51	46.97	-9.54	38.39	73.9	35.5	150	0	Floor Noise
Hori.	20355.000	AV	31.28	40.20	12.51	46.97	-9.54	27.48	53.9	26.4	150	0	Floor Noise
Vert.	20355.000	PK	42.20	40.20	12.51	46.97	-9.54	38.40	73.9	35.5	150	0	Floor Noise
Vert.	20355.000	AV	31.52	40.20	12.51	46.97	-9.54	27.72	53.9	26.1	150	0	Floor Noise

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 : 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	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.	7125.000	PK	47.55	35.92	-26.09	-	-	2.22	59.60	-35.63	-7.0	28.6	399	322	Floor Noise
Hori.	13570.000	PK	48.47	38.69	-30.67	-	-	-9.54	46.95	-48.28	-7.0	41.2	150	0	Floor Noise
Hori.	27140.000	PK	56.92	43.37	16.98	60.42	-	-9.54	47.31	-47.92	-7.0	40.9	152	241	-
Hori.	7125.000	AV	36.02	35.92	-26.09	-	-	2.22	48.07	-47.16	-27.0	20.1	399	322	Floor Noise
Hori.	13570.000	AV	37.16	38.69	-30.67	-	-	-9.54	35.64	-59.59	-27.0	32.5	150	0	Floor Noise
Hori.	27140.000	AV	52.27	43.37	16.98	60.42	0.03	-9.54	42.69	-52.54	-27.0	25.5	152	241	-
Vert.	7125.000	PK	47.45	35.92	-26.09	-	-	2.22	59.50	-35.73	-7.0	28.7	400	357	Floor Noise
Vert.	13570.000	PK	48.06	38.69	-30.67	-	-	-9.54	46.54	-48.69	-7.0	41.6	150	0	Floor Noise
Vert.	27140.000	PK	54.01	43.37	16.98	60.42	-	-9.54	44.40	-50.83	-7.0	43.8	146	289	-
Vert.	7125.000	AV	36.19	35.92	-26.09	-	-	2.22	48.24	-46.99	-27.0	19.9	400	357	Floor Noise
Vert.	13570.000	AV	37.57	38.69	-30.67	-	-	-9.54	36.05	-59.18	-27.0	32.1	150	0	Floor Noise
Vert.	27140.000	AV	47.87	43.37	16.98	60.42	0.03	-9.54	38.29	-56.94	-27.0	29.9	146	289	-

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

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

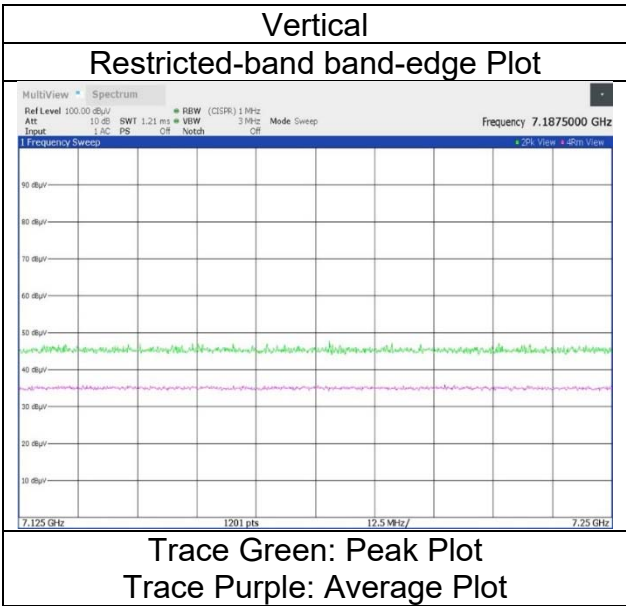
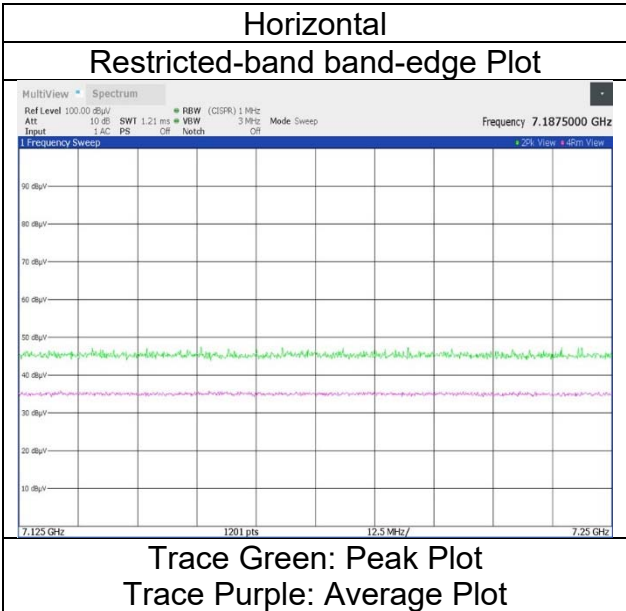
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDM), MIMO 6785 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz



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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 26-tone RU, RU Index 0, MIMO 5985 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 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.	5925.000	PK	46.84	33.10	-26.85	-	-	2.22	55.31	-39.92	-7.0	32.9	392	358	-
Hori.	5925.000	AV	36.18	33.10	-26.85	-	0.23	2.22	44.88	-50.35	-27.0	23.3	392	358	-
Vert.	5925.000	PK	46.70	33.10	-26.85	-	-	2.22	55.17	-40.06	-7.0	33.0	379	349	-
Vert.	5925.000	AV	36.42	33.10	-26.85	-	0.23	2.22	45.12	-50.11	-27.0	23.1	379	349	-

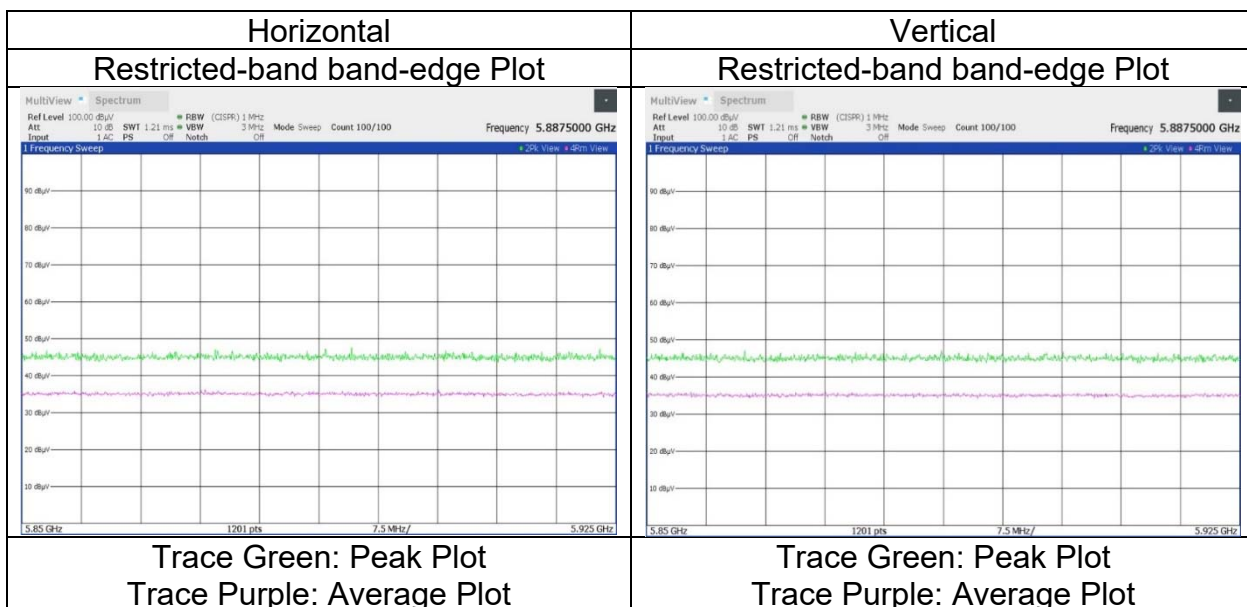
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 26-tone RU, RU Index 36, MIMO 6785 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 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.	7125.000	PK	46.98	35.92	-26.09	-	-	2.22	59.03	-36.20	-7.0	29.2	392	358	Floor Noise
Hori.	7125.000	AV	36.33	35.92	-26.09	-	-	2.22	48.38	-46.85	-27.0	19.8	392	358	Floor Noise
Vert.	7125.000	PK	47.39	35.92	-26.09	-	-	2.22	59.44	-35.79	-7.0	28.7	362	356	Floor Noise
Vert.	7125.000	AV	36.31	35.92	-26.09	-	-	2.22	48.36	-46.87	-27.0	19.8	362	356	Floor Noise

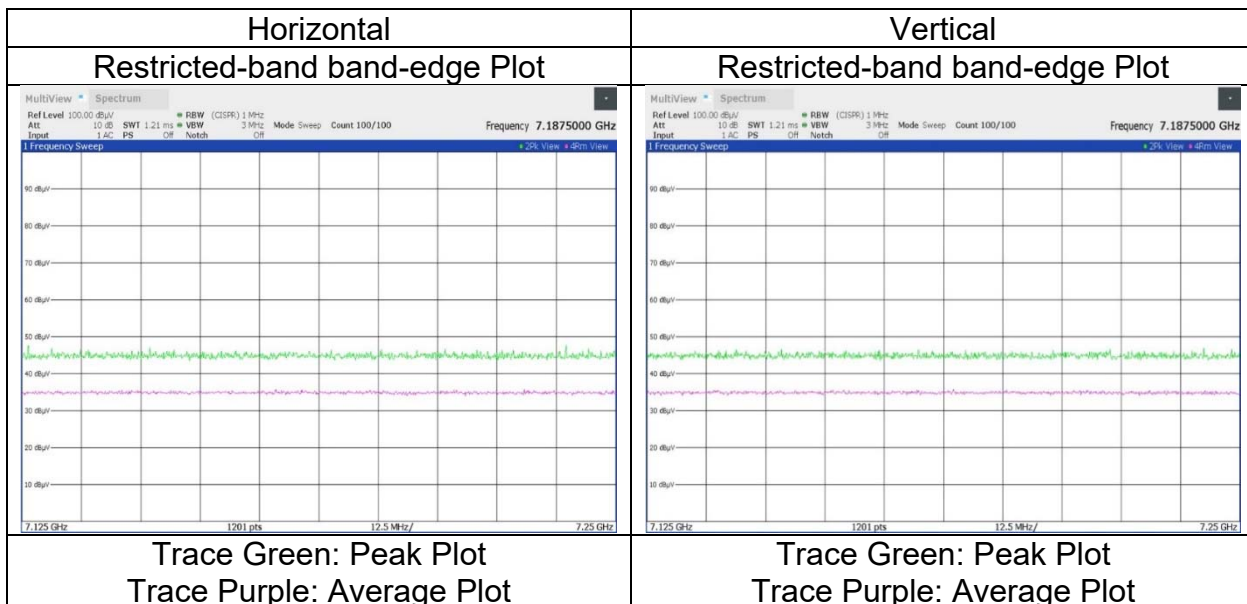
Result = Reading + Ant.Fac. + Loss (Cable + (Attenu or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 52-tone RU, RU Index 37, MIMO 5985 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 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.	5925.000	PK	47.35	33.10	-26.85	-	-	2.22	55.82	-39.41	-7.0	32.4	390	357	-
Hori.	5925.000	AV	36.48	33.10	-26.85	-	0.23	2.22	45.18	-50.05	-27.0	23.0	390	357	-
Vert.	5925.000	PK	47.24	33.10	-26.85	-	-	2.22	55.71	-39.52	-7.0	32.5	350	8	-
Vert.	5925.000	AV	36.38	33.10	-26.85	-	0.23	2.22	45.08	-50.15	-27.0	23.1	350	8	-

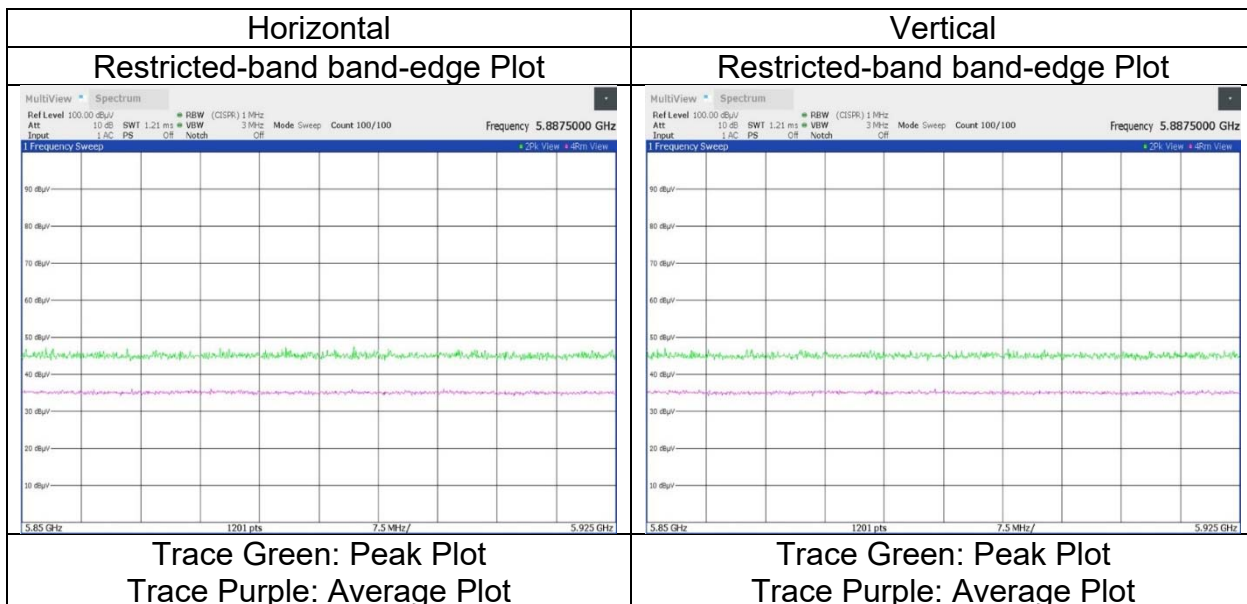
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 52-tone RU, RU Index 52, MIMO 6785 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant. Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	7125.000	PK	47.23	35.92	-26.09	-	-	2.22	59.28	-35.95	-7.0	28.9	397	41	Floor Noise	
Hori.	7125.000	AV	36.10	35.92	-26.09	-	-	2.22	48.15	-47.08	-27.0	20.0	397	41	Floor Noise	
Vert.	7125.000	PK	46.46	35.92	-26.09	-	-	2.22	58.51	-36.72	-7.0	29.7	383	358	Floor Noise	
Vert.	7125.000	AV	36.05	35.92	-26.09	-	-	2.22	48.10	-47.13	-27.0	20.1	383	358	Floor Noise	

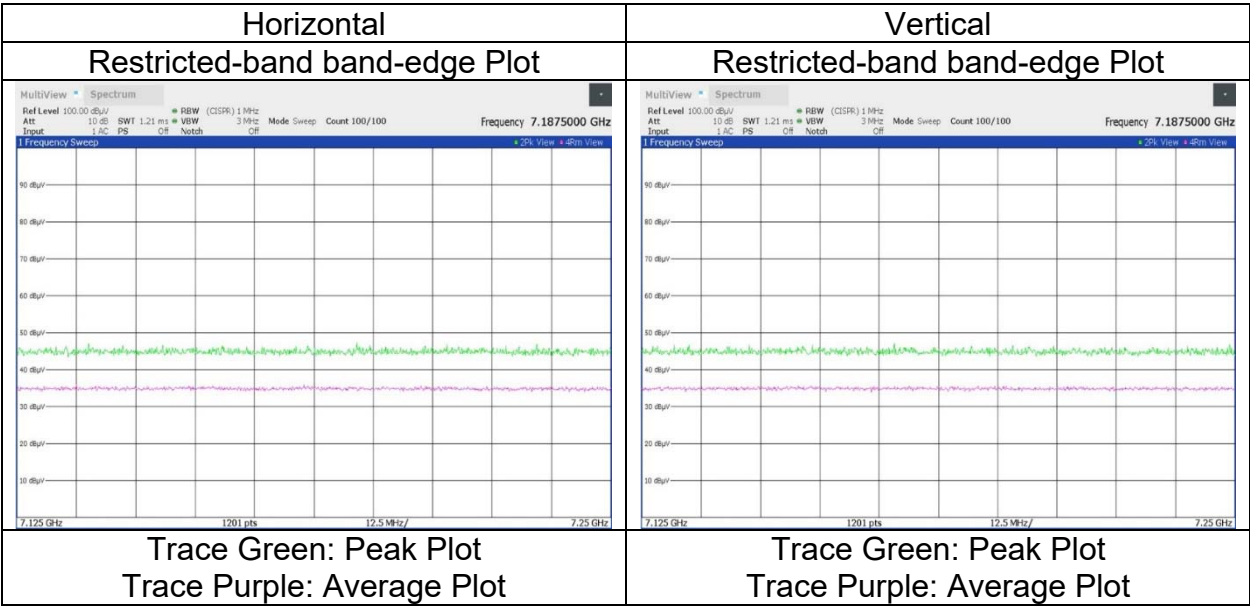
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 106-tone RU, RU Index 53, MIMO 5985 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 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.	5925.000	PK	47.16	33.10	-26.85	-	-	2.22	55.63	-39.60	-7.0	32.6	397	357	-
Hori.	5925.000	AV	36.33	33.10	-26.85	-	0.24	2.22	45.04	-50.19	-27.0	23.1	397	357	-
Vert.	5925.000	PK	47.83	33.10	-26.85	-	-	2.22	56.30	-38.93	-7.0	31.9	349	3	-
Vert.	5925.000	AV	36.27	33.10	-26.85	-	0.24	2.22	44.98	-50.25	-27.0	23.2	349	3	-

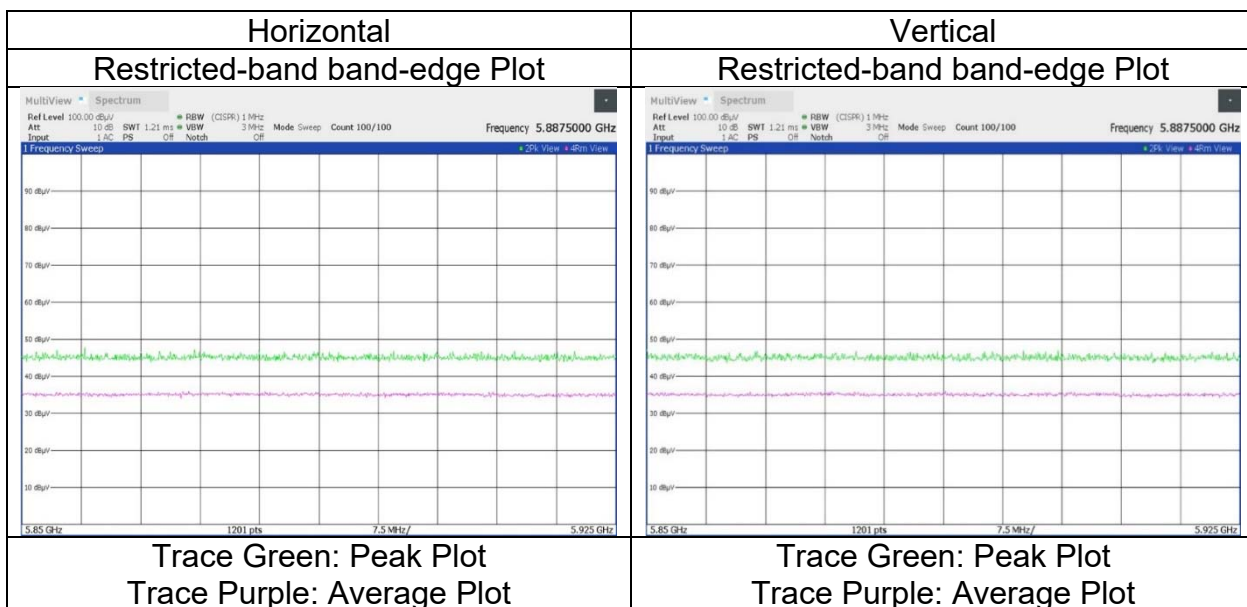
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 106-tone RU, RU Index 60, MIMO 6785 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)															
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	7125.000	PK	46.76	35.92	-26.09	-	-	2.22	58.81	-36.42	-7.0	29.4	398	42	Floor Noise
Hori.	7125.000	AV	36.08	35.92	-26.09	-	-	2.22	48.13	-47.10	-27.0	20.1	398	42	Floor Noise
Vert.	7125.000	PK	46.66	35.92	-26.09	-	-	2.22	58.71	-36.52	-7.0	29.5	389	8	Floor Noise
Vert.	7125.000	AV	36.22	35.92	-26.09	-	-	2.22	48.27	-46.96	-27.0	19.9	389	8	Floor Noise

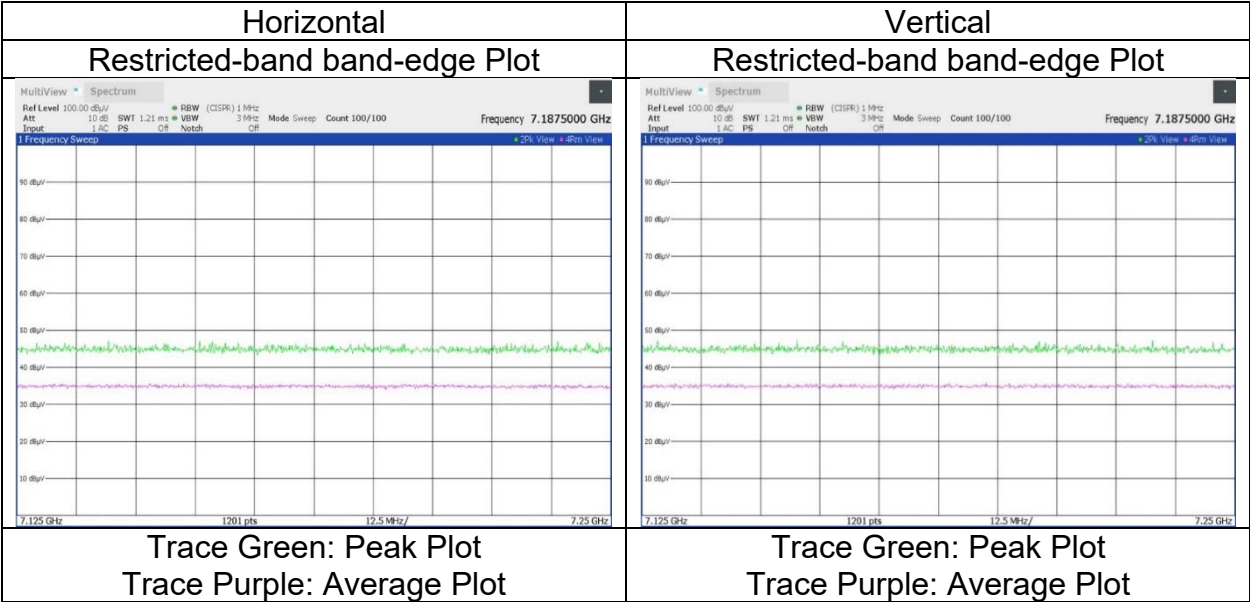
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 242-tone RU, RU Index 61, MIMO 5985 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 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.	5925.000	PK	47.79	33.10	-26.85	-	-	2.22	56.26	-38.97	-7.0	31.9	389	358	-
Hori.	5925.000	AV	36.27	33.10	-26.85	-	0.24	2.22	44.98	-50.25	-27.0	23.2	389	358	-
Vert.	5925.000	PK	47.17	33.10	-26.85	-	-	2.22	55.64	-39.59	-7.0	32.5	338	343	-
Vert.	5925.000	AV	36.55	33.10	-26.85	-	0.24	2.22	45.26	-49.97	-27.0	22.9	338	343	-

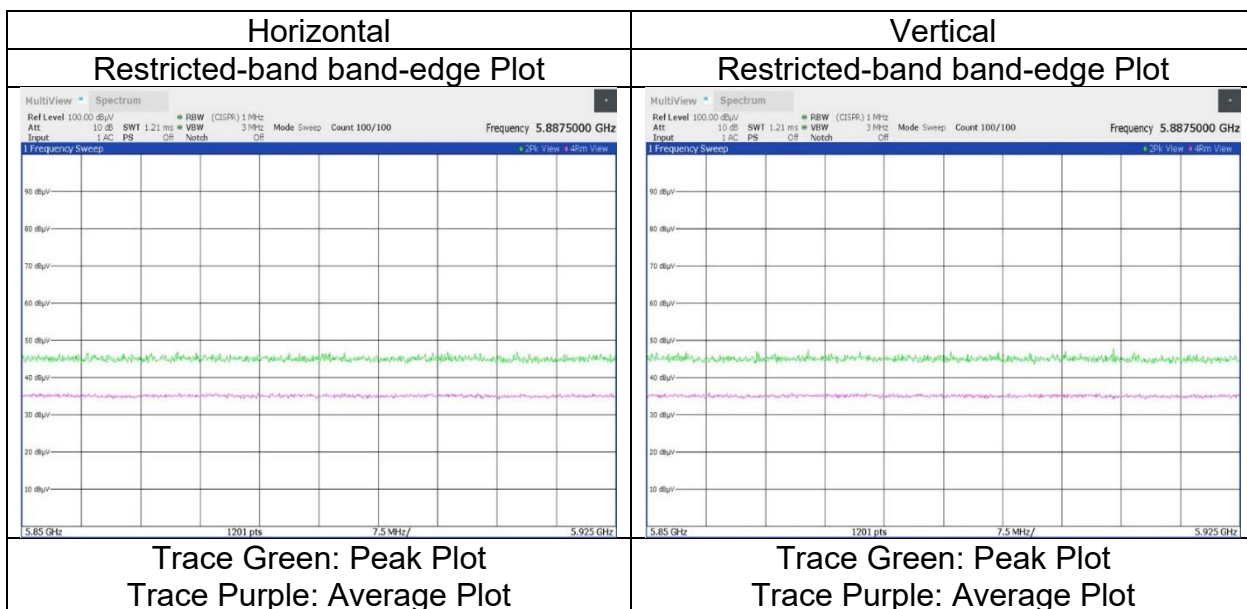
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 242-tone RU, RU Index 64, MIMO 6785 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)															
Polarity	Frequency	Detector	Reading	Ant. Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	7125.000	PK	46.59	35.92	-26.09	-	-	2.22	58.64	-36.59	-7.0	29.5	393	41	Floor Noise
Hori.	7125.000	AV	36.09	35.92	-26.09	-	-	2.22	48.14	-47.09	-27.0	20.0	393	41	Floor Noise
Vert.	7125.000	PK	46.54	35.92	-26.09	-	-	2.22	58.59	-36.64	-7.0	29.6	350	8	Floor Noise
Vert.	7125.000	AV	36.09	35.92	-26.09	-	-	2.22	48.14	-47.09	-27.0	20.0	350	8	Floor Noise

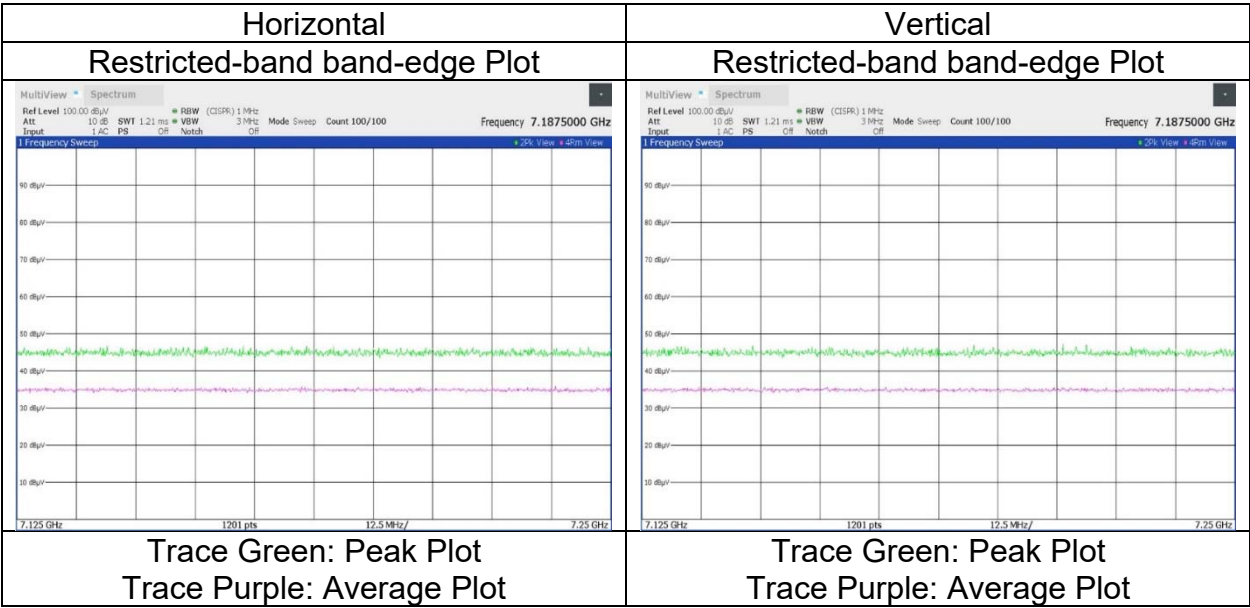
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 484-tone RU, RU Index 65, MIMO 5985 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 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.	5925.000	PK	47.12	33.10	-26.85	-	-	2.22	55.59	-39.64	-7.0	32.6	392	358	-
Hori.	5925.000	AV	36.27	33.10	-26.85	-	0.24	2.22	44.98	-50.25	-27.0	23.2	392	358	-
Vert.	5925.000	PK	46.96	33.10	-26.85	-	-	2.22	55.43	-39.80	-7.0	32.8	350	345	-
Vert.	5925.000	AV	36.32	33.10	-26.85	-	0.24	2.22	45.03	-50.20	-27.0	23.2	350	345	-

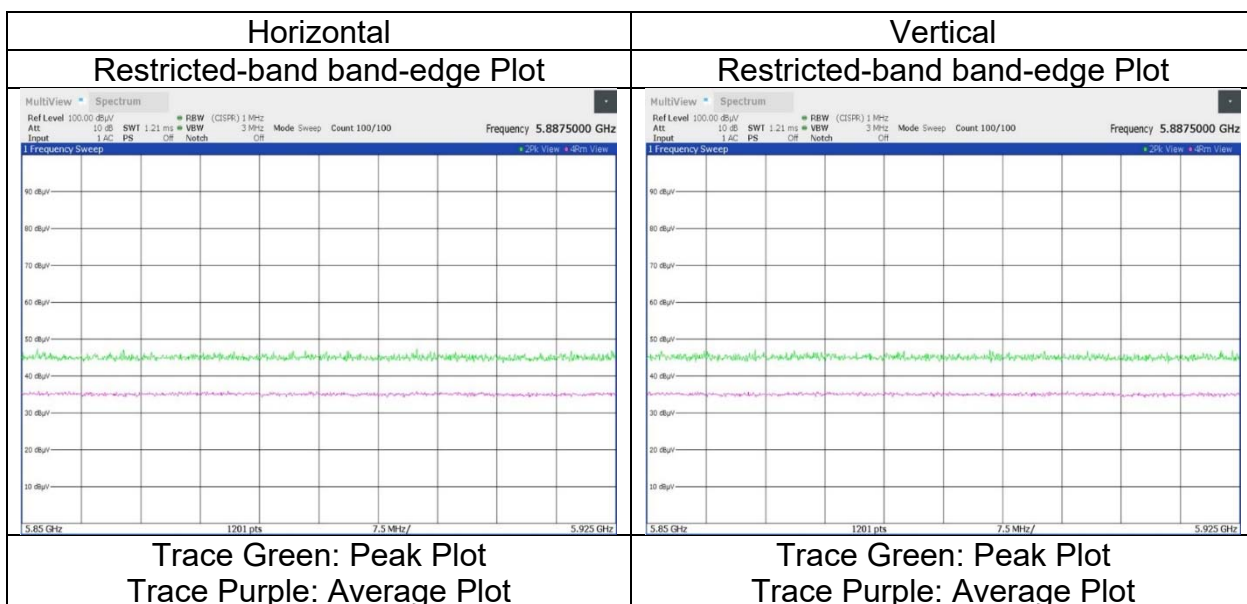
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 484-tone RU, RU Index 66, MIMO 6785 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)															
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	7125.000	PK	46.88	35.92	-26.09	-	-	2.22	58.93	-36.30	-7.0	29.3	393	35	Floor Noise
Hori.	7125.000	AV	35.91	35.92	-26.09	-	-	2.22	47.96	-47.27	-27.0	20.2	393	35	Floor Noise
Vert.	7125.000	PK	47.29	35.92	-26.09	-	-	2.22	59.34	-35.89	-7.0	28.8	376	8	Floor Noise
Vert.	7125.000	AV	36.35	35.92	-26.09	-	-	2.22	48.40	-46.83	-27.0	19.8	376	8	Floor Noise

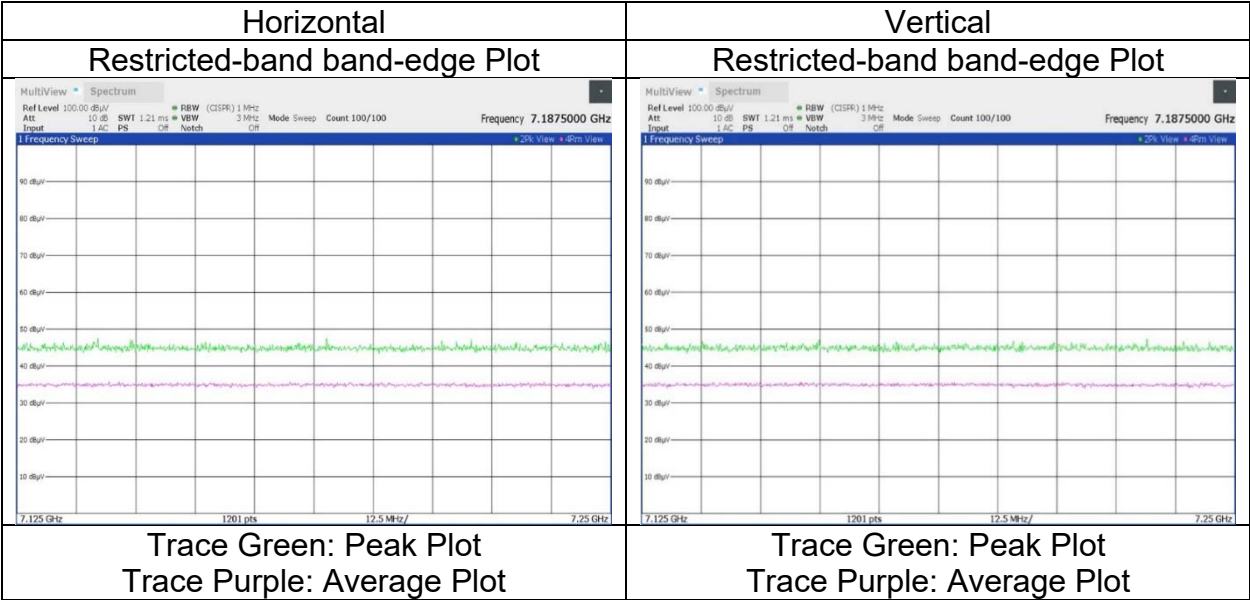
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

Radiated Spurious Emission

Mode	Tx 11ax-80(OFDMA) 996-tone RU, RU Index 67, MIMO 5985 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 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.	5925.000	PK	46.92	33.10	-26.85	-	-	2.22	55.39	-39.84	-7.0	32.8	389	357	-
Hori.	5925.000	AV	36.50	33.10	-26.85	-	0.24	2.22	45.21	-50.02	-27.0	23.0	389	357	-
Vert.	5925.000	PK	47.56	33.10	-26.85	-	-	2.22	56.03	-39.20	-7.0	32.2	354	346	-
Vert.	5925.000	AV	36.22	33.10	-26.85	-	0.24	2.22	44.93	-50.30	-27.0	23.3	354	346	-

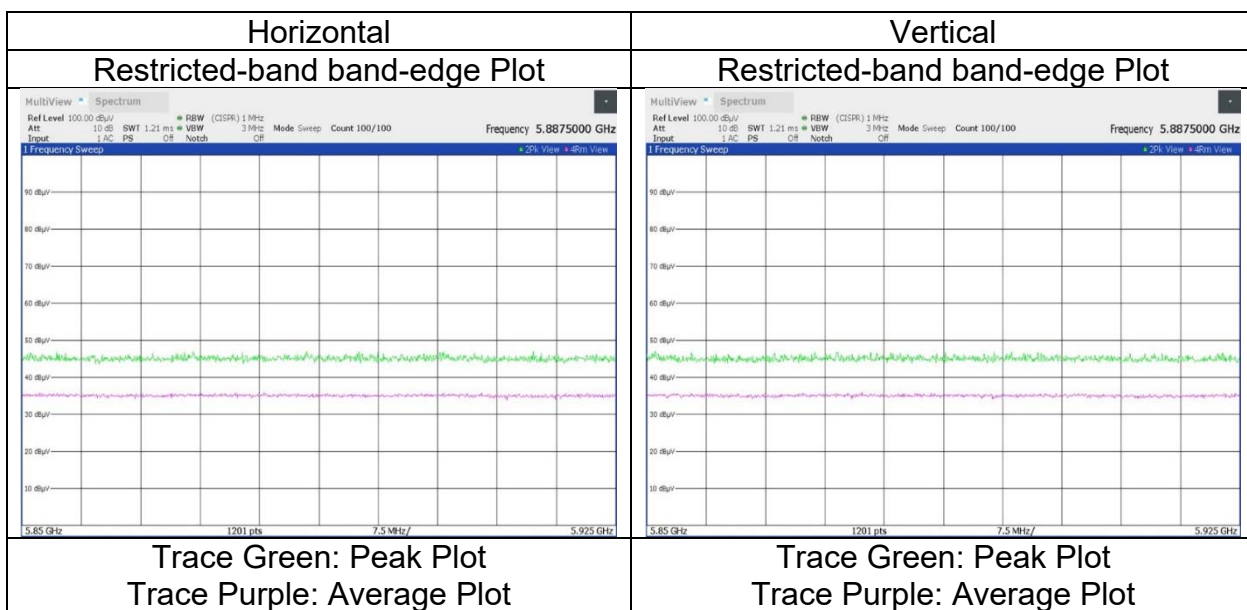
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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 11ax-80(OFDMA) 996-tone RU, RU Index 67, MIMO 6785 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	22 deg. C	30 % RH	Yuta Shiba	1 GHz to 8 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.	7125.000	PK	45.11	35.92	-26.09	-	-	2.22	57.16	-38.07	-7.0	31.0	393	34	Floor Noise
Hori.	7125.000	AV	36.08	35.92	-26.09	-	-	2.22	48.13	-47.10	-27.0	20.1	393	34	Floor Noise
Vert.	7125.000	PK	46.52	35.92	-26.09	-	-	2.22	58.57	-36.66	-7.0	29.6	398	358	Floor Noise
Vert.	7125.000	AV	36.24	35.92	-26.09	-	-	2.22	48.29	-46.94	-27.0	19.9	398	358	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]



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

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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDM), MIMO 6025 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	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.	8033.333	PK	47.44	37.20	-33.01	-	2.22	53.85	73.9	20.0	400	55	-
Hori.	12050.000	PK	47.27	38.21	-31.50	-	-9.54	44.44	73.9	29.4	150	0	Floor Noise
Hori.	18075.000	PK	43.42	39.89	11.71	48.08	-9.54	37.40	73.9	36.5	150	0	Floor Noise
Hori.	12050.000	AV	36.90	38.21	-31.50	-	-9.54	34.07	53.9	19.8	150	0	Floor Noise
Hori.	18075.000	AV	32.93	39.89	11.71	48.08	-9.54	26.91	53.9	26.9	150	0	Floor Noise
Vert.	8033.333	PK	47.30	37.20	-33.01	-	2.22	53.71	73.9	20.1	382	36	-
Vert.	12050.000	PK	47.26	38.21	-31.50	-	-9.54	44.43	73.9	29.4	150	0	Floor Noise
Vert.	18075.000	PK	44.14	39.89	11.71	48.08	-9.54	38.12	73.9	35.7	150	0	Floor Noise
Vert.	12050.000	AV	37.03	38.21	-31.50	-	-9.54	34.20	53.9	19.7	150	0	Floor Noise
Vert.	18075.000	AV	32.77	39.89	11.71	48.08	-9.54	26.75	53.9	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) + 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.	8033.333	AV	37.79	37.20	-33.01	-	0.03	2.22	44.23	53.9	9.6	*2)
Vert.	8033.333	AV	37.23	37.20	-33.01	-	0.03	2.22	43.67	53.9	10.2	*2)

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

Distance Fac.: 1 GHz to 10 GHz : 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.

*2) Noise synchronized with duty of carrier frequency.

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

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty 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.	5925.000	PK	47.37	33.10	-26.85	-	-	2.22	55.84	-39.39	-7.0	32.3	391	359	-
Hori.	24100.000	PK	46.97	40.07	13.58	46.75	-	-9.54	44.33	-50.90	-7.0	43.9	149	291	-
Hori.	36150.000	PK	51.51	43.71	20.08	61.91	-	-9.54	43.85	-51.38	-7.0	44.3	161	217	-
Hori.	5925.000	AV	36.19	33.10	-26.85	-	0.03	2.22	44.69	-50.54	-27.0	23.5	391	359	-
Hori.	24100.000	AV	41.80	40.07	13.58	46.75	0.03	-9.54	39.19	-56.04	-27.0	29.0	149	291	-
Hori.	36150.000	AV	40.56	43.71	20.08	61.91	0.03	-9.54	32.93	-62.30	-27.0	35.3	161	217	-
Vert.	5925.000	PK	47.42	33.10	-26.85	-	-	2.22	55.89	-39.34	-7.0	32.3	387	6	-
Vert.	24100.000	PK	47.02	40.07	13.58	46.75	-	-9.54	44.38	-50.85	-7.0	43.8	138	261	-
Vert.	36150.000	PK	51.84	43.71	20.08	61.91	-	-9.54	44.18	-51.05	-7.0	44.0	154	252	-
Vert.	5925.000	AV	36.44	33.10	-26.85	-	0.03	2.22	44.94	-50.29	-27.0	23.2	387	6	-
Vert.	24100.000	AV	42.23	40.07	13.58	46.75	0.03	-9.54	39.62	-55.61	-27.0	28.6	138	261	-
Vert.	36150.000	AV	41.72	43.71	20.08	61.91	0.03	-9.54	34.09	-61.14	-27.0	34.1	154	252	-

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

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

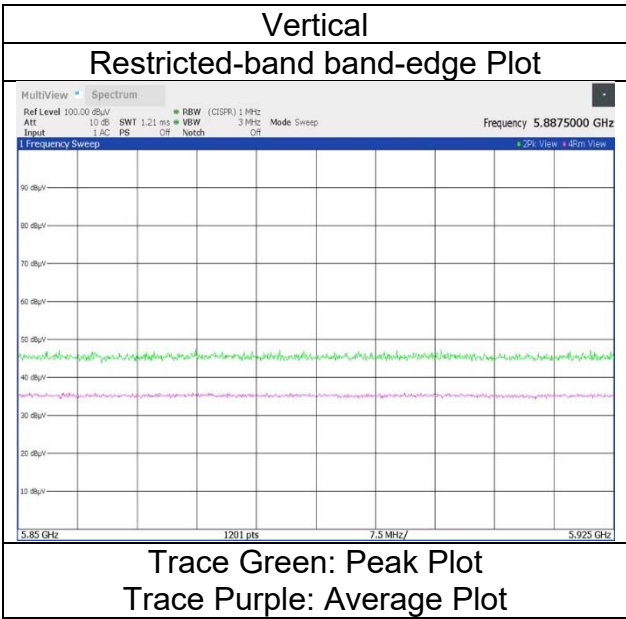
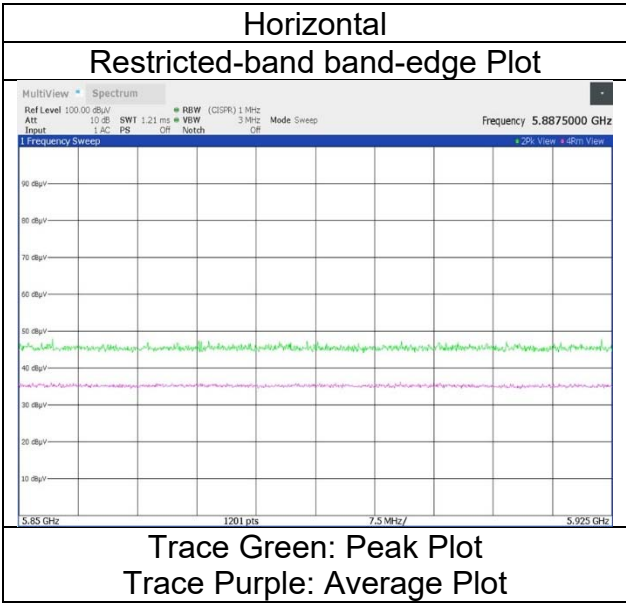
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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

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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDM), MIMO 6025 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDM), MIMO 6185 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	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.	12370.000	PK	47.38	37.87	-31.25	-	-9.54	44.46	73.9	29.4	150	0	Floor Noise
Hori.	18555.000	PK	43.03	40.10	11.86	48.21	-9.54	37.24	73.9	36.6	150	0	Floor Noise
Hori.	12370.000	AV	36.77	37.87	-31.25	-	-9.54	33.85	53.9	20.0	150	0	Floor Noise
Hori.	18555.000	AV	32.63	40.10	11.86	48.21	-9.54	26.84	53.9	27.0	150	0	Floor Noise
Vert.	12370.000	PK	47.10	37.87	-31.25	-	-9.54	44.18	73.9	29.7	150	0	Floor Noise
Vert.	18555.000	PK	43.86	40.10	11.86	48.21	-9.54	38.07	73.9	35.8	150	0	Floor Noise
Vert.	12370.000	AV	36.97	37.87	-31.25	-	-9.54	34.05	53.9	19.8	150	0	Floor Noise
Vert.	18555.000	AV	32.66	40.10	11.86	48.21	-9.54	26.87	53.9	27.0	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 : $20\log(1.00\text{ [m]} / 3.0\text{ [m]}) = -9.54\text{ [dB]}$

(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.	24740.000	PK	45.77	40.23	13.92	46.83	-	-9.54	43.55	-51.68	-7.0	44.6	151	295	-
Hori.	37110.000	PK	52.12	44.09	20.37	63.47	-	-9.54	43.57	-51.66	-7.0	44.6	149	262	-
Hori.	24740.000	AV	38.81	40.23	13.92	46.83	0.03	-9.54	36.62	-58.61	-27.0	31.6	151	295	-
Hori.	37110.000	AV	42.86	44.09	20.37	63.47	0.03	-9.54	34.34	-60.89	-27.0	33.8	149	262	-
Vert.	24740.000	PK	46.27	40.23	13.92	46.83	-	-9.54	44.05	-51.18	-7.0	44.1	163	254	-
Vert.	37110.000	PK	51.36	44.09	20.37	63.47	-	-9.54	42.81	-52.42	-7.0	45.4	147	238	-
Vert.	24740.000	AV	40.40	40.23	13.92	46.83	0.03	-9.54	38.21	-57.02	-27.0	30.0	163	254	-
Vert.	37110.000	AV	41.45	44.09	20.37	63.47	0.03	-9.54	32.93	-62.30	-27.0	35.3	147	238	-

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

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

*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-160(OFDM), MIMO 6345 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	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.	12690.000	PK	47.36	38.04	-31.11	-	-9.54	44.75	73.9	29.1	150	0	Floor Noise
Hori.	19035.000	PK	42.84	40.26	12.06	48.07	-9.54	37.55	73.9	36.3	150	0	Floor Noise
Hori.	12690.000	AV	36.65	38.04	-31.11	-	-9.54	34.04	53.9	19.8	150	0	Floor Noise
Hori.	19035.000	AV	32.28	40.26	12.06	48.07	-9.54	26.99	53.9	26.9	150	0	Floor Noise
Vert.	12690.000	PK	47.47	38.04	-31.11	-	-9.54	44.86	73.9	29.0	150	0	Floor Noise
Vert.	19035.000	PK	42.13	40.26	12.06	48.07	-9.54	36.84	73.9	37.0	150	0	Floor Noise
Vert.	12690.000	AV	36.63	38.04	-31.11	-	-9.54	34.02	53.9	19.8	150	0	Floor Noise
Vert.	19035.000	AV	31.66	40.26	12.06	48.07	-9.54	26.37	53.9	27.5	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 : $20\log(1.00[m]/3.0[m]) = -9.54[dB]$

(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.	25380.000	PK	47.06	40.65	14.12	46.80	-	-9.54	45.49	-49.74	-7.0	42.7	154	219	-
Hori.	38070.000	PK	52.36	43.99	20.62	64.32	-	-9.54	43.11	-52.12	-7.0	45.1	186	289	-
Hori.	25380.000	AV	40.95	40.65	14.12	46.80	0.03	-9.54	39.41	-55.82	-27.0	28.8	154	219	-
Hori.	38070.000	AV	42.25	43.99	20.62	64.32	0.03	-9.54	33.03	-62.20	-27.0	35.2	186	289	-
Vert.	25380.000	PK	45.88	40.65	14.12	46.80	-	-9.54	44.31	-50.92	-7.0	43.9	154	255	-
Vert.	38070.000	PK	52.11	43.99	20.62	64.32	-	-9.54	42.86	-52.37	-7.0	45.3	131	291	-
Vert.	25380.000	AV	38.39	40.65	14.12	46.80	0.03	-9.54	36.85	-58.38	-27.0	31.3	154	255	-
Vert.	38070.000	AV	42.93	43.99	20.62	64.32	0.03	-9.54	33.71	-61.52	-27.0	34.5	131	291	-

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

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

*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-160(OFDM), MIMO 6665 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
April 14, 2025	SAC3	29 deg. C	23 % RH	Yuta Shiba	Below 1 GHz
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	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	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.	43.297	QP	44.90	13.58	6.69	32.18	0.00	32.99	40.0	7.0	400	160	-
Hori.	45.189	QP	42.70	12.90	6.73	32.18	0.00	30.15	40.0	9.8	400	171	-
Hori.	49.535	QP	43.50	11.31	6.77	32.18	0.00	29.40	40.0	10.6	400	242	-
Hori.	55.206	QP	49.50	9.41	6.73	32.18	0.00	33.46	40.0	6.5	400	44	-
Hori.	57.476	QP	52.10	8.77	6.64	32.17	0.00	35.34	40.0	4.6	400	233	-
Hori.	60.677	QP	50.70	7.97	6.53	32.17	0.00	33.03	40.0	6.9	400	269	-
Hori.	63.115	QP	45.80	7.53	6.51	32.17	0.00	27.67	40.0	12.3	370	84	-
Hori.	67.309	QP	48.50	6.85	6.61	32.17	0.00	29.79	40.0	10.2	400	60	-
Hori.	69.549	QP	51.70	6.60	6.75	32.16	0.00	32.89	40.0	7.1	270	233	-
Hori.	13330.000	PK	47.81	38.68	-30.82	-	-9.54	46.13	73.9	27.7	150	0	Floor Noise
Hori.	19995.000	PK	42.02	40.14	12.28	47.09	-9.54	37.81	73.9	36.0	150	0	Floor Noise
Hori.	39990.000	PK	51.71	44.15	21.08	63.28	-9.54	44.12	73.9	29.7	147	257	-
Hori.	13330.000	AV	36.92	38.68	-30.82	-	-9.54	35.24	53.9	18.6	150	0	Floor Noise
Hori.	19995.000	AV	31.32	40.14	12.28	47.09	-9.54	27.11	53.9	26.7	150	0	Floor Noise
Vert.	43.258	QP	44.30	13.59	6.69	32.18	0.00	32.40	40.0	7.6	100	95	-
Vert.	60.816	QP	46.70	7.93	6.53	32.17	0.00	28.99	40.0	11.0	100	91	-
Vert.	69.487	QP	49.20	6.60	6.75	32.16	0.00	30.39	40.0	9.6	100	130	-
Vert.	13330.000	PK	47.48	38.68	-30.82	-	-9.54	45.80	73.9	28.1	150	0	Floor Noise
Vert.	19995.000	PK	42.41	40.14	12.28	47.09	-9.54	38.20	73.9	35.7	150	0	Floor Noise
Vert.	39990.000	PK	53.33	44.15	21.08	63.28	-9.54	45.74	73.9	28.1	160	301	-
Vert.	13330.000	AV	36.89	38.68	-30.82	-	-9.54	35.21	53.9	18.6	150	0	Floor Noise
Vert.	19995.000	AV	31.03	40.14	12.28	47.09	-9.54	26.82	53.9	27.0	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	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.	39990.000	AV	43.16	44.15	21.08	63.28	0.03	-9.54	35.60	53.9	18.3	-
Vert.	39990.000	AV	45.55	44.15	21.08	63.28	0.03	-9.54	37.99	53.9	15.9	-

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	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.	5760.000	PK	47.91	32.96	-26.88	-	-	2.22	56.21	-39.02	-7.0	32.0	150	0	Floor Noise
Hori.	7125.000	PK	47.47	35.92	-26.09	-	-	2.22	59.52	-35.71	-7.0	28.7	399	39	Floor Noise
Hori.	26660.000	PK	57.93	43.20	16.75	60.18	-	-9.54	48.16	-47.07	-7.0	40.0	154	237	-
Hori.	5760.000	AV	36.26	32.96	-26.88	-	0.00	2.22	44.56	-50.67	-27.0	23.6	150	0	Floor Noise
Hori.	7125.000	AV	35.98	35.92	-26.09	-	0.03	2.22	48.06	-47.17	-27.0	20.1	399	39	Floor Noise
Hori.	26660.000	AV	43.86	43.20	16.75	60.18	0.03	-9.54	34.12	-61.11	-27.0	34.1	154	237	-
Vert.	5760.000	PK	46.91	32.96	-26.88	-	-	2.22	55.21	-40.02	-7.0	33.0	150	0	Floor Noise
Vert.	7125.000	PK	47.23	35.92	-26.09	-	-	2.22	59.28	-35.95	-7.0	28.9	359	356	Floor Noise
Vert.	26660.000	PK	53.40	43.20	16.75	60.18	-	-9.54	43.63	-51.60	-7.0	44.6	152	200	-
Vert.	5760.000	AV	36.21	32.96	-26.88	-	0.00	2.22	44.51	-50.72	-27.0	23.7	150	0	Floor Noise
Vert.	7125.000	AV	36.21	35.92	-26.09	-	0.03	2.22	48.29	-46.94	-27.0	19.9	359	356	Floor Noise
Vert.	26660.000	AV	45.41	43.20	16.75	60.18	0.03	-9.54	35.67	-59.56	-27.0	32.5	152	200	-

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)

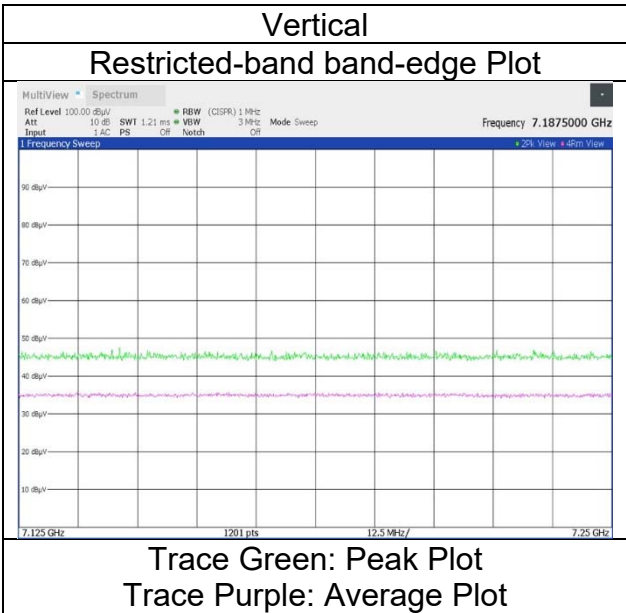
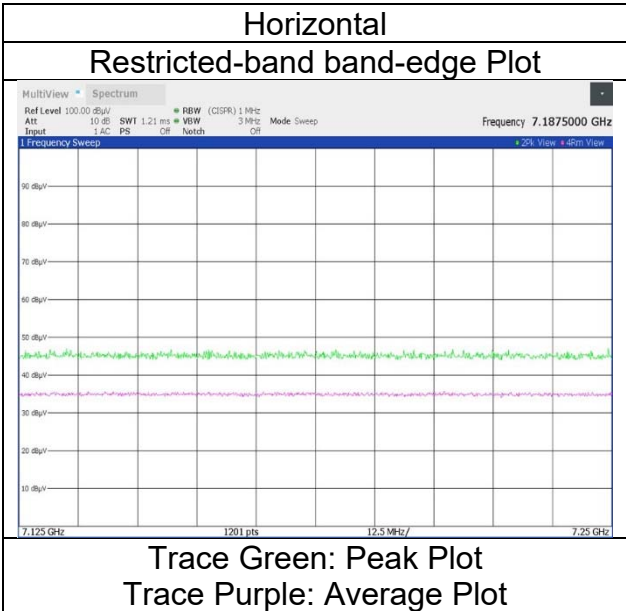
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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-160(OFDM), MIMO 6665 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 26-tone RU, Segment 0, RU Index 0, MIMO 6025 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 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.	5925.000	PK	47.86	33.10	-26.85	-	-	2.22	56.33	-38.90	-7.0	31.9	392	359	-
Hori.	5925.000	AV	36.62	33.10	-26.85	-	0.23	2.22	45.32	-49.91	-27.0	22.9	392	359	-
Vert.	5925.000	PK	48.52	33.10	-26.85	-	-	2.22	56.99	-38.24	-7.0	31.2	375	9	-
Vert.	5925.000	AV	36.47	33.10	-26.85	-	0.23	2.22	45.17	-50.06	-27.0	23.0	375	9	-

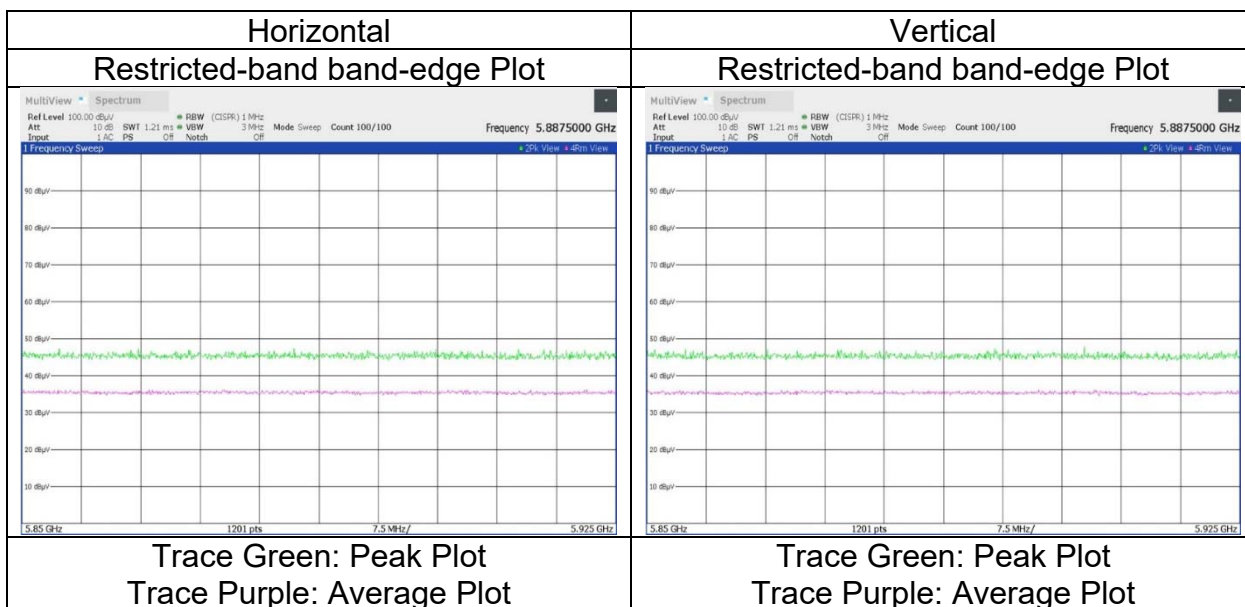
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 26-tone RU, Segment 1, RU Index 36, MIMO 6665 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant. Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	7125.000	PK	47.10	35.92	-26.09	-	-	2.22	59.15	-36.08	-7.0	29.0	381	37	Floor Noise	
Hori.	7125.000	AV	36.45	35.92	-26.09	-	-	2.22	48.50	-46.73	-27.0	19.7	381	37	Floor Noise	
Vert.	7125.000	PK	47.79	35.92	-26.09	-	-	2.22	59.84	-35.39	-7.0	28.3	357	356	Floor Noise	
Vert.	7125.000	AV	36.36	35.92	-26.09	-	-	2.22	48.41	-46.82	-27.0	19.8	357	356	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]



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 52-tone RU, Segment 0, RU Index 37, MIMO 6025 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	5925.000	PK	47.25	33.10	-26.85	-	-	2.22	55.72	-39.51	-7.0	32.5	390	355	-	
Hori.	5925.000	AV	36.62	33.10	-26.85	-	0.23	2.22	45.32	-49.91	-27.0	22.9	390	355	-	
Vert.	5925.000	PK	47.48	33.10	-26.85	-	-	2.22	55.95	-39.28	-7.0	32.2	352	347	-	
Vert.	5925.000	AV	36.76	33.10	-26.85	-	0.23	2.22	45.46	-49.77	-27.0	22.7	352	347	-	

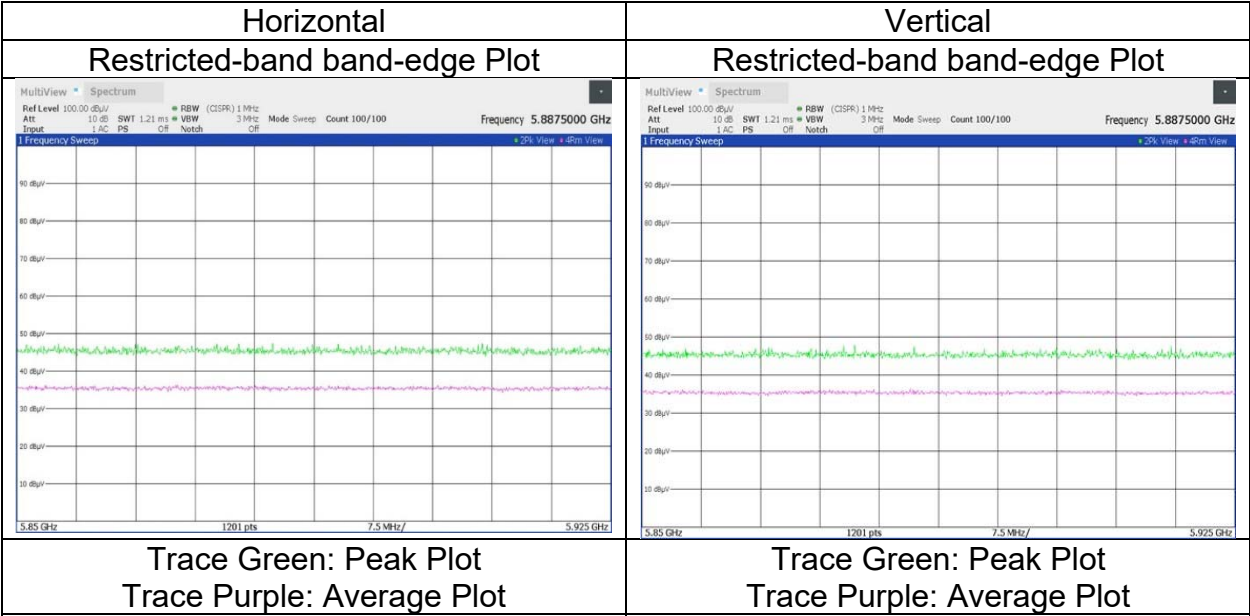
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 52-tone RU, Segment 1, RU Index 52, MIMO 6665 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 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.	7125.000	PK	47.43	35.92	-26.09	-	-	2.22	59.48	-35.75	-7.0	28.7	378	31	Floor Noise
Hori.	7125.000	AV	36.41	35.92	-26.09	-	-	2.22	48.46	-46.77	-27.0	19.7	378	31	Floor Noise
Vert.	7125.000	PK	46.98	35.92	-26.09	-	-	2.22	59.03	-36.20	-7.0	29.2	374	18	Floor Noise
Vert.	7125.000	AV	36.31	35.92	-26.09	-	-	2.22	48.36	-46.87	-27.0	19.8	374	18	Floor Noise

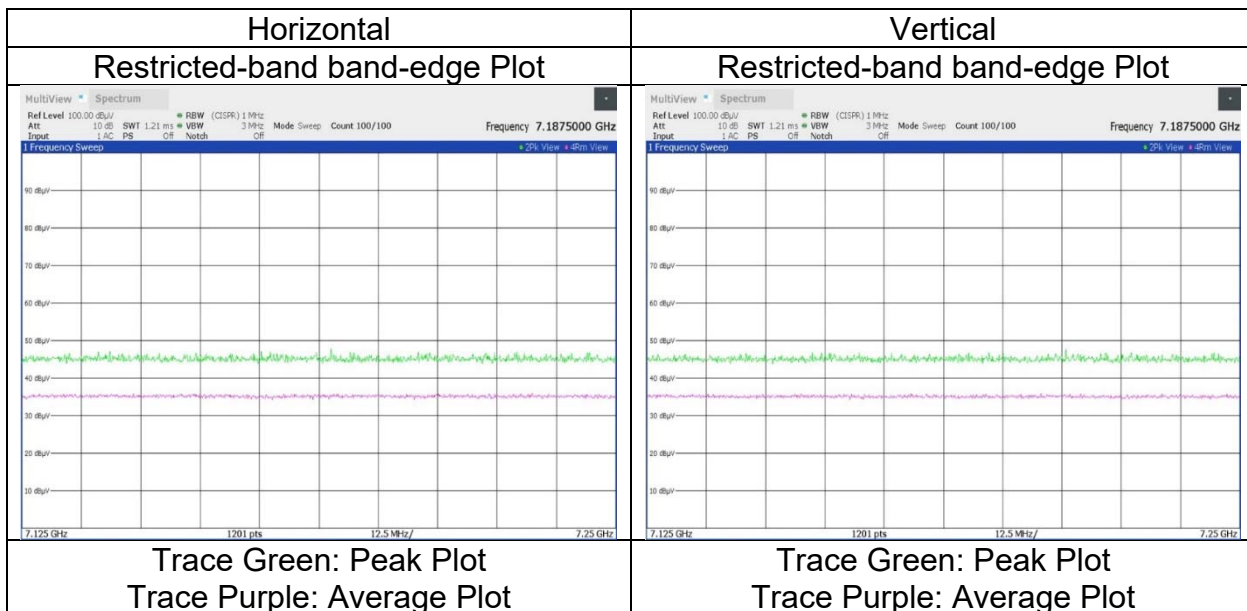
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 106-tone RU, Segment 0, RU Index 53, MIMO 6025 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 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.	5925.000	PK	48.16	33.10	-26.85	-	-	2.22	56.63	-38.60	-7.0	31.6	390	358	-
Hori.	5925.000	AV	36.67	33.10	-26.85	-	0.23	2.22	45.37	-49.86	-27.0	22.8	390	358	-
Vert.	5925.000	PK	47.51	33.10	-26.85	-	-	2.22	55.98	-39.25	-7.0	32.2	353	359	-
Vert.	5925.000	AV	36.75	33.10	-26.85	-	0.23	2.22	45.45	-49.78	-27.0	22.7	353	359	-

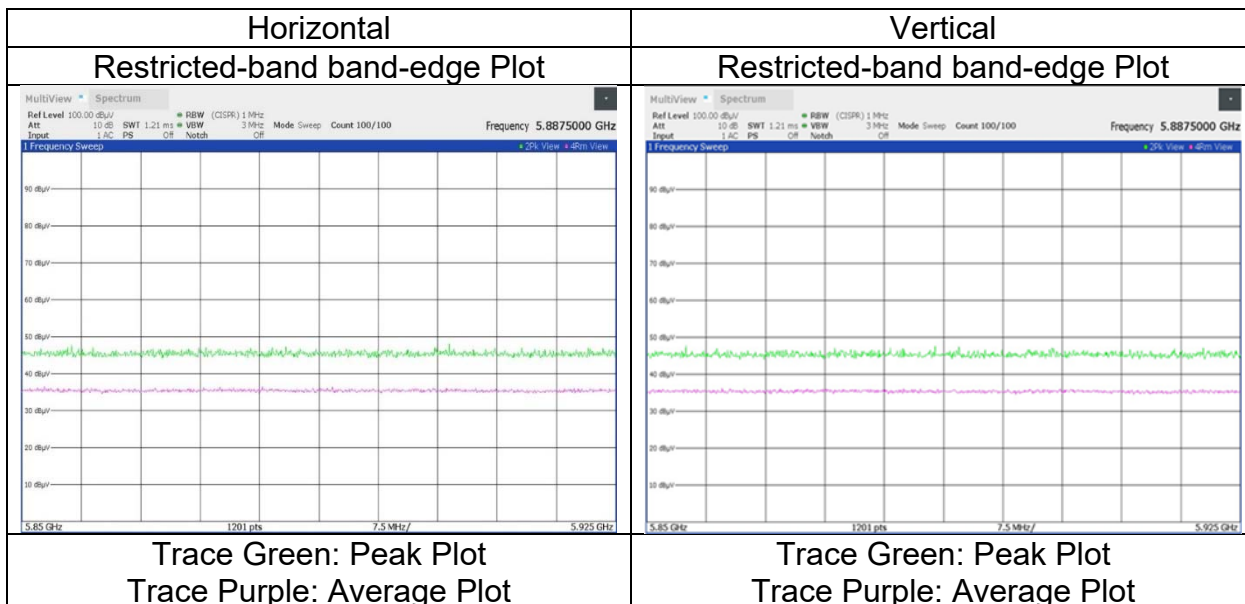
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 106-tone RU, Segment 1, RU Index 60, MIMO 6665 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)															
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	7125.000	PK	46.87	35.92	-26.09	-	-	2.22	58.92	-36.31	-7.0	29.3	381	39	Floor Noise
Hori.	7125.000	AV	36.27	35.92	-26.09	-	-	2.22	48.32	-46.91	-27.0	19.9	381	39	Floor Noise
Vert.	7125.000	PK	46.91	35.92	-26.09	-	-	2.22	58.96	-36.27	-7.0	29.2	393	21	Floor Noise
Vert.	7125.000	AV	36.46	35.92	-26.09	-	-	2.22	48.51	-46.72	-27.0	19.7	393	21	Floor Noise

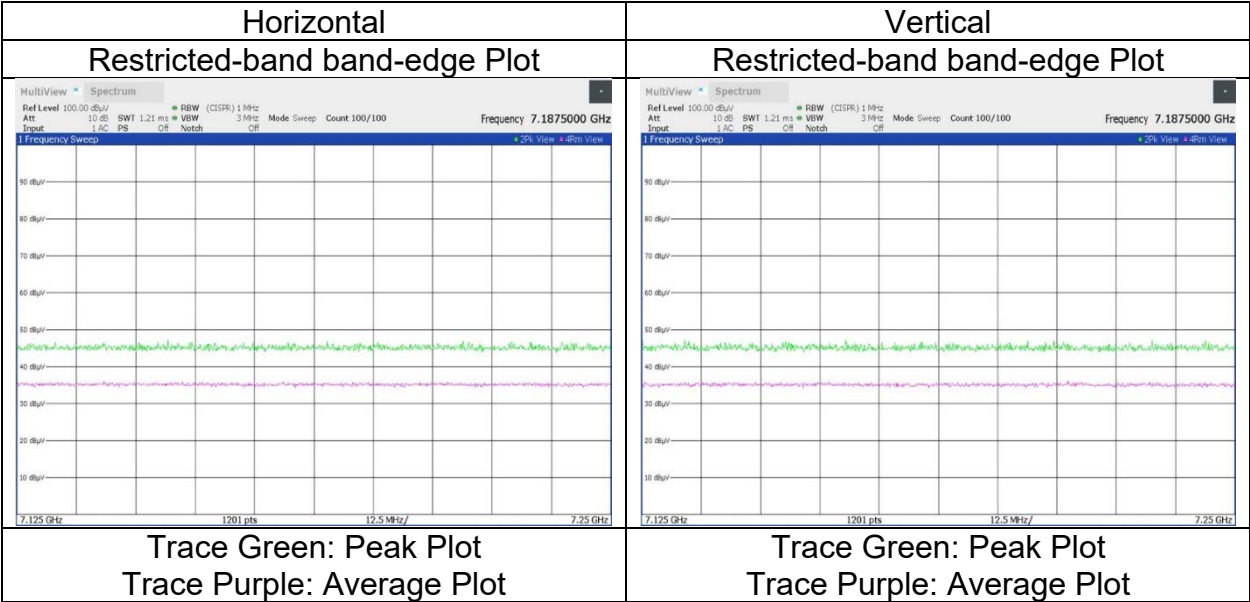
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 242-tone RU, Segment 0, RU Index 61, MIMO 6025 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	5925.000	PK	47.17	33.10	-26.85	-	-	2.22	55.64	-39.59	-7.0	32.5	390	358	-	
Hori.	5925.000	AV	36.80	33.10	-26.85	-	0.23	2.22	45.50	-49.73	-27.0	22.7	390	358	-	
Vert.	5925.000	PK	47.65	33.10	-26.85	-	-	2.22	56.12	-39.11	-7.0	32.1	341	355	-	
Vert.	5925.000	AV	36.70	33.10	-26.85	-	0.23	2.22	45.40	-49.83	-27.0	22.8	341	355	-	

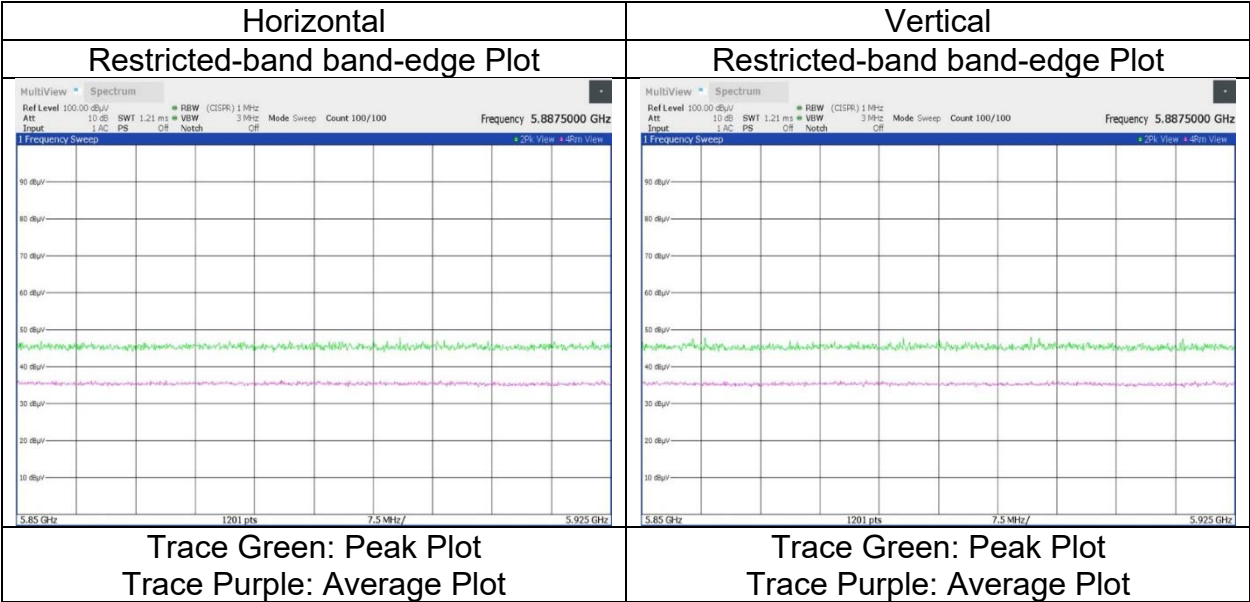
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 242-tone RU, Segment 1, RU Index 64, MIMO 6665 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 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.	7125.000	PK	47.28	35.92	-26.09	-	-	2.22	59.33	-35.90	-7.0	28.9	380	38	Floor Noise
Hori.	7125.000	AV	36.36	35.92	-26.09	-	-	2.22	48.41	-46.82	-27.0	19.8	380	38	Floor Noise
Vert.	7125.000	PK	47.04	35.92	-26.09	-	-	2.22	59.09	-36.14	-7.0	29.1	358	9	Floor Noise
Vert.	7125.000	AV	36.47	35.92	-26.09	-	-	2.22	48.52	-46.71	-27.0	19.7	358	9	Floor Noise

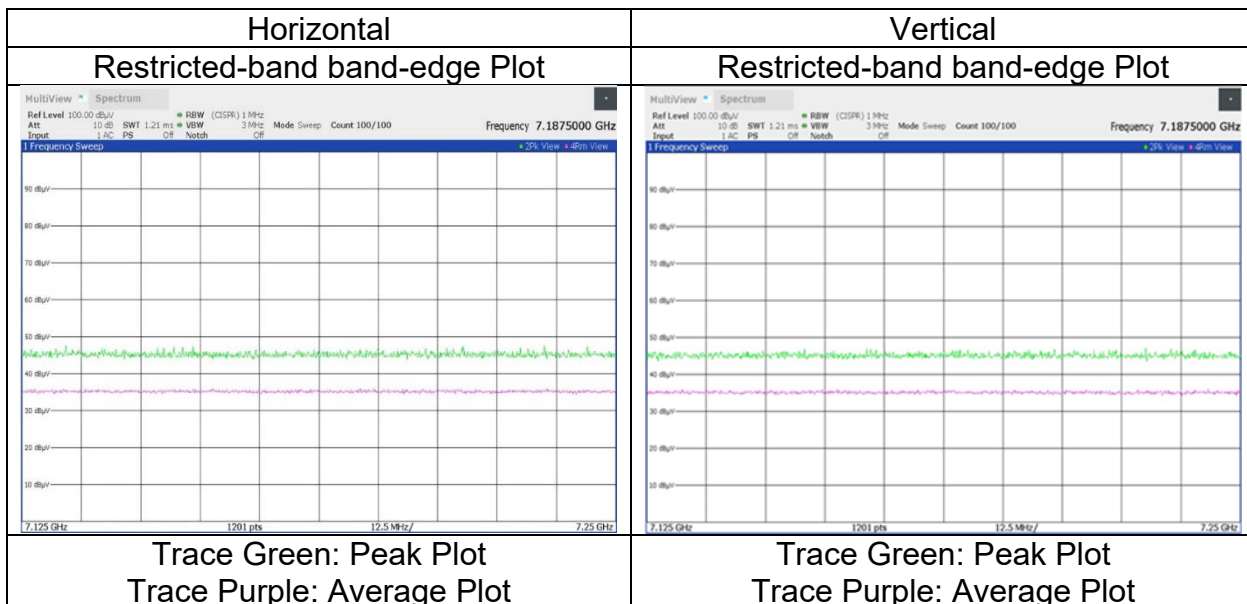
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 484-tone RU, Segment 0, RU Index 65, MIMO 6025 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)															
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	5925.000	PK	47.32	33.10	-26.85	-	-	2.22	55.79	-39.44	-7.0	32.4	371	358	-
Hori.	5925.000	AV	36.68	33.10	-26.85	-	0.23	2.22	45.38	-49.85	-27.0	22.8	371	358	-
Vert.	5925.000	PK	47.19	33.10	-26.85	-	-	2.22	55.66	-39.57	-7.0	32.5	354	353	-
Vert.	5925.000	AV	36.59	33.10	-26.85	-	0.23	2.22	45.29	-49.94	-27.0	22.9	354	353	-

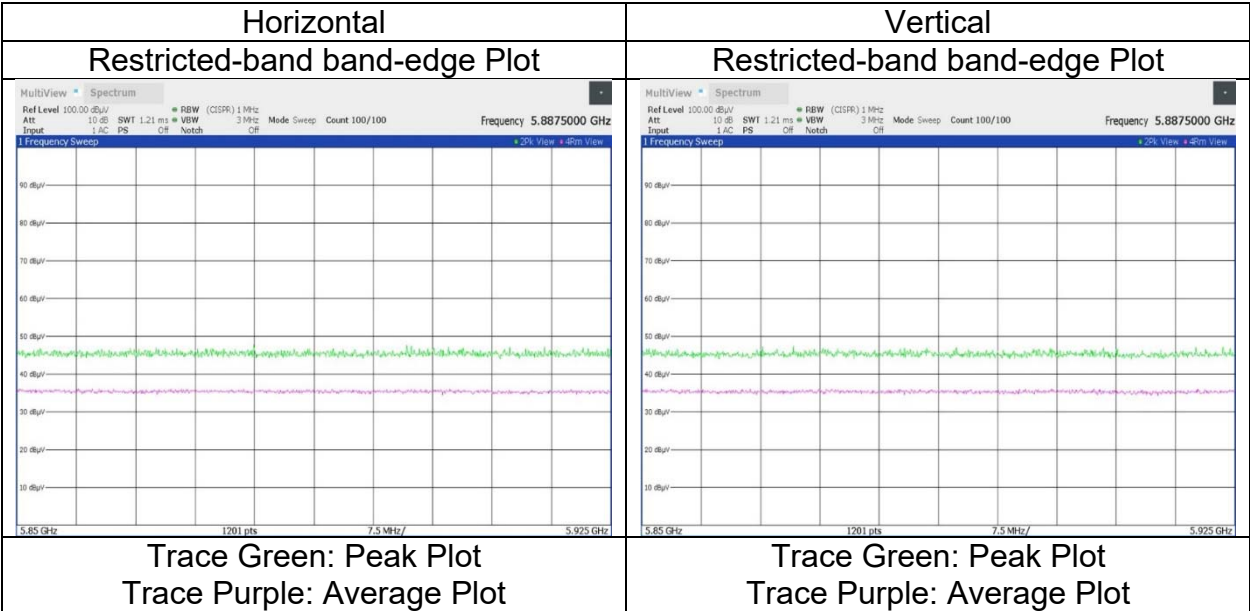
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 484-tone RU, Segment 1, RU Index 66, MIMO 6665 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant. Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	7125.000	PK	47.58	35.92	-26.09	-	-	2.22	59.63	-35.60	-7.0	28.6	378	38	Floor Noise	
Hori.	7125.000	AV	36.38	35.92	-26.09	-	-	2.22	48.43	-46.80	-27.0	19.8	378	38	Floor Noise	
Vert.	7125.000	PK	47.79	35.92	-26.09	-	-	2.22	59.84	-35.39	-7.0	28.3	394	25	Floor Noise	
Vert.	7125.000	AV	36.33	35.92	-26.09	-	-	2.22	48.38	-46.85	-27.0	19.8	394	25	Floor Noise	

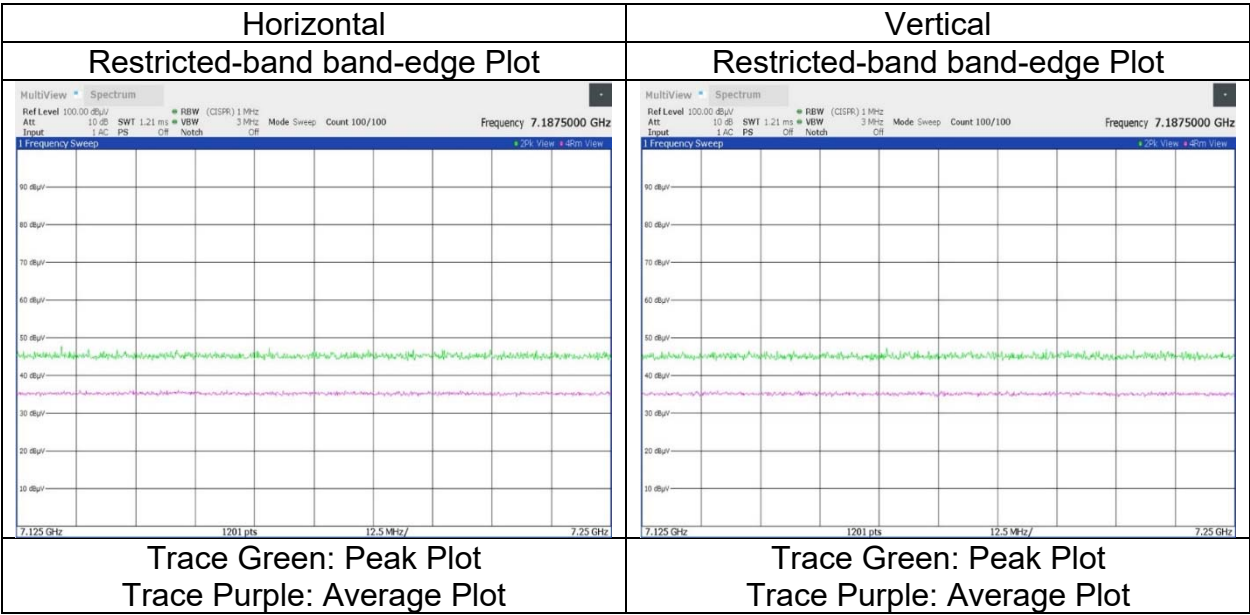
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 996-tone RU, Segment 0, RU Index 67, MIMO 6025 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	5925.000	PK	48.00	33.10	-26.85	-	-	2.22	56.47	-38.76	-7.0	31.7	371	358	-	
Hori.	5925.000	AV	36.61	33.10	-26.85	-	0.23	2.22	45.31	-49.92	-27.0	22.9	371	358	-	
Vert.	5925.000	PK	48.29	33.10	-26.85	-	-	2.22	56.76	-38.47	-7.0	31.4	304	3	-	
Vert.	5925.000	AV	36.53	33.10	-26.85	-	0.23	2.22	45.23	-50.00	-27.0	23.0	304	3	-	

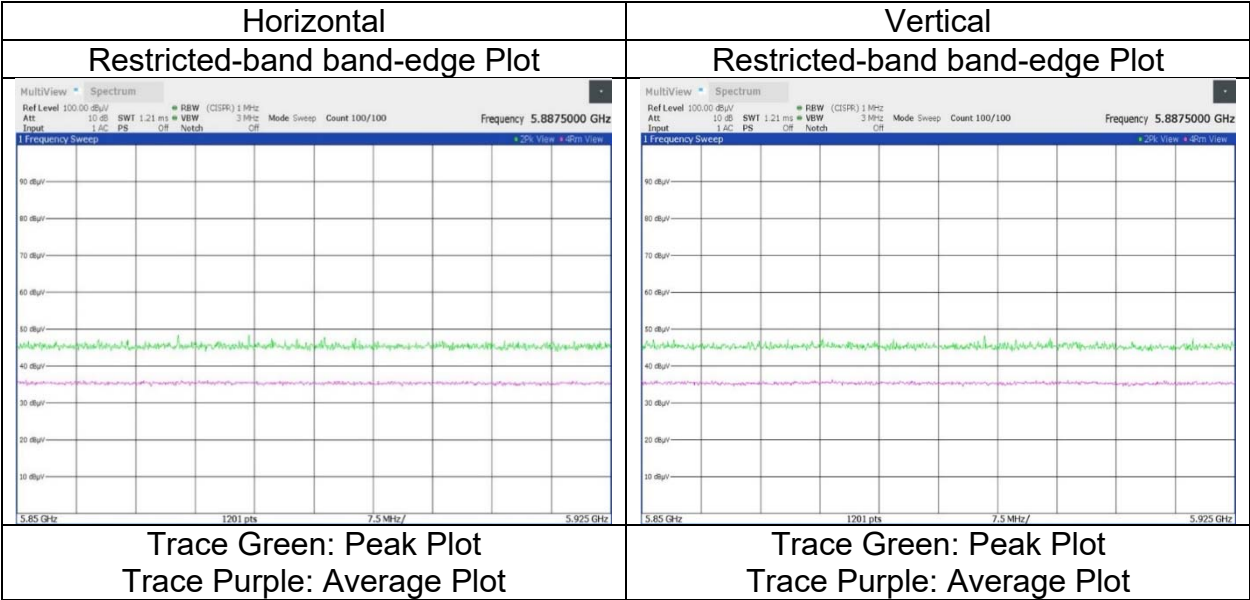
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 996-tone RU, Segment 1, RU Index 67, MIMO 6665 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)															
Polarity	Frequency	Detector	Reading	Ant. Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]		[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]	
Hori.	7125.000	PK	47.35	35.92	-26.09	-	-	2.22	59.40	-35.83	-7.0	28.8	236	213	Floor Noise
Hori.	7125.000	AV	36.55	35.92	-26.09	-	-	2.22	48.60	-46.63	-27.0	19.6	236	213	Floor Noise
Vert.	7125.000	PK	48.35	35.92	-26.09	-	-	2.22	60.40	-34.83	-7.0	27.8	369	3	Floor Noise
Vert.	7125.000	AV	36.44	35.92	-26.09	-	-	2.22	48.49	-46.74	-27.0	19.7	369	3	Floor Noise

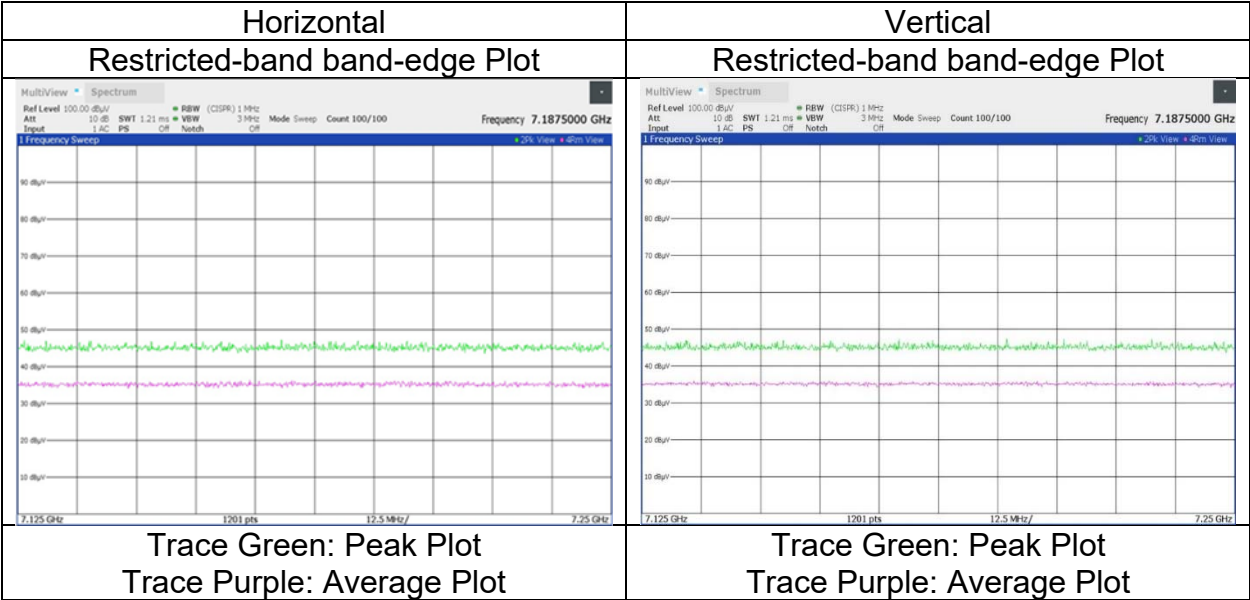
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 2x996-tone RU, RU Index 68, MIMO 6025 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant. Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	5925.000	PK	48.19	33.10	-26.85	-	-	2.22	56.66	-38.57	-7.0	31.5	395	359	-	
Hori.	5925.000	AV	36.60	33.10	-26.85	-	0.26	2.22	45.33	-49.90	-27.0	22.9	395	359	-	
Vert.	5925.000	PK	47.38	33.10	-26.85	-	-	2.22	55.85	-39.38	-7.0	32.3	399	360	-	
Vert.	5925.000	AV	36.75	33.10	-26.85	-	0.26	2.22	45.48	-49.75	-27.0	22.7	399	360	-	

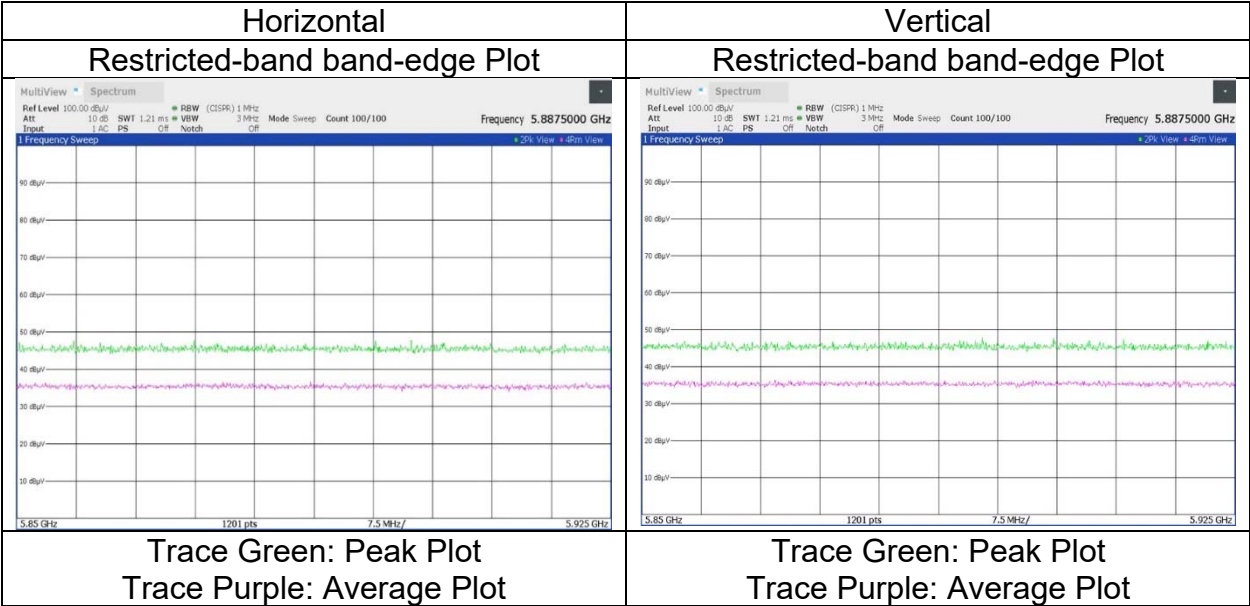
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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

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

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

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



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

Radiated Spurious Emission

Mode	Tx 11ax-160(OFDMA) 2x996-tone RU, RU Index 68, MIMO 6665 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
March 03, 2025	WAC2	20 deg. C	39 % RH	Shiro Kobayashi	1 GHz to 8 GHz

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

(* PK: Peak, AV: Average, QP: Quasi-Peak)																
Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Result (EIRP)	Limit	Margin	Height	Angle	Remark	
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBm]	[dBm]	[dB]	[cm]	[deg.]		
Hori.	7125.000	PK	47.85	35.92	-26.09	-	-	2.22	59.90	-35.33	-7.0	28.3	380	24	-	
Hori.	7125.000	AV	36.35	35.92	-26.09	-	0.00	2.22	48.40	-46.83	-27.0	19.8	380	24	-	
Vert.	7125.000	PK	47.47	35.92	-26.09	-	-	2.22	59.52	-35.71	-7.0	28.7	393	24	-	
Vert.	7125.000	AV	36.41	35.92	-26.09	-	0.00	2.22	48.46	-46.77	-27.0	19.7	393	24	-	

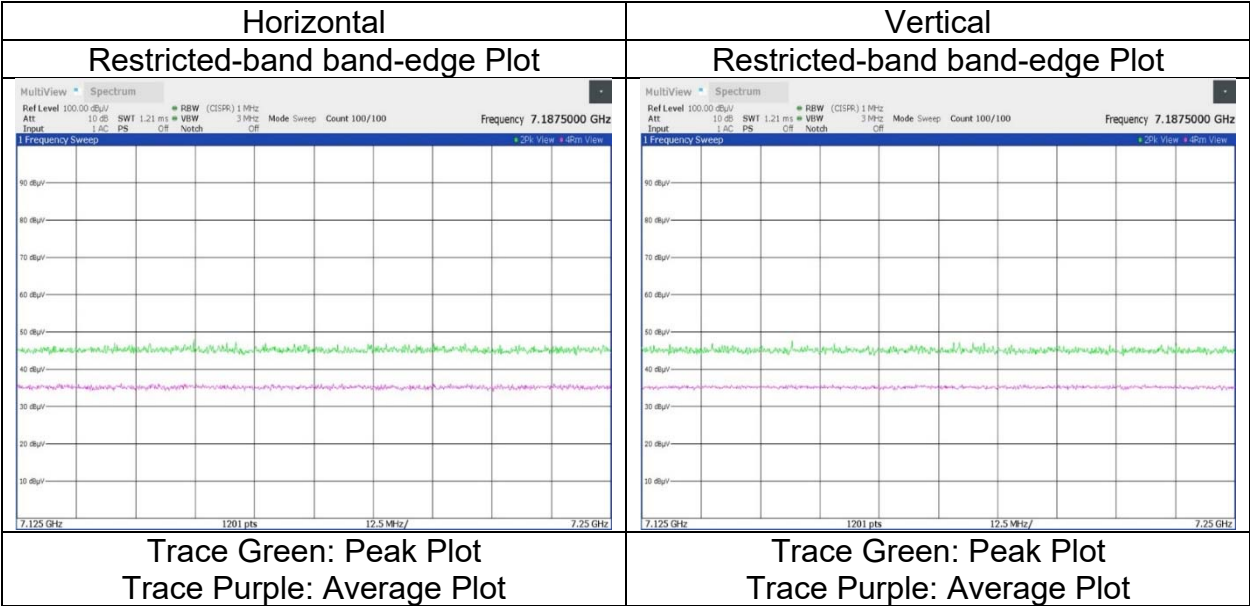
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.

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]

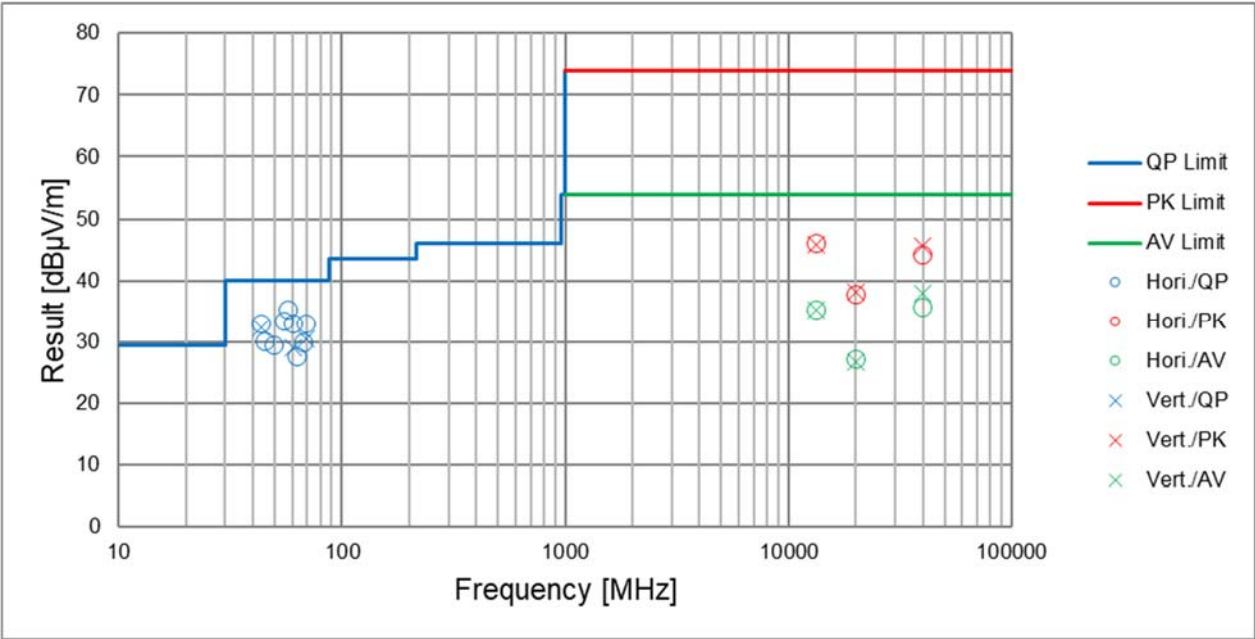
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]



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

Mode	Tx 11ax-160(OFDM), MIMO 6665 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
April 14, 2025	SAC3	29 deg. C	23 % RH	Yuta Shiba	Below 1 GHz
March 01, 2025	WAC2	20 deg. C	35 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
March 06, 2025	WAC2	23 deg. C	40 % RH	Yuta Shiba	10 GHz to 18 GHz
March 07, 2025	WAC2	21 deg. C	32 % RH	Shiro Kobayashi	18 GHz to 26.5 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	26.5 GHz to 40 GHz



*These plots data contains sufficient number to show the trend of characteristic features for EUT.

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDM), MIMO 6195 MHz with BT 3DH5 Hopping
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
April 15, 2025	SAC3	23 deg. C	33 % RH	Yosuke Murakami	Below 1 GHz
March 12, 2025	WAC2	22 deg. C	45 % RH	Miku Ikudome	1 GHz to 10 GHz
March 11, 2025	WAC2	23 deg. C	35 % RH	Miku Ikudome	10 GHz to 18 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	18 GHz to 40 GHz

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

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

Polarity	Frequency	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.	47.518	QP	42.30	12.04	6.75	32.18	0.00	28.91	40.0	11.0	400	308	-
Hori.	57.482	QP	45.70	8.77	6.64	32.17	0.00	28.94	40.0	11.0	379	151	-
Hori.	62.614	QP	49.10	7.61	6.51	32.17	0.00	31.05	40.0	8.9	360	218	-
Hori.	63.529	QP	49.80	7.47	6.50	32.17	0.00	31.60	40.0	8.4	358	219	-
Hori.	67.255	QP	51.20	6.85	6.61	32.17	0.00	32.49	40.0	7.5	275	90	-
Hori.	72.275	QP	47.00	6.35	6.98	32.16	0.00	28.17	40.0	11.8	249	81	-
Hori.	8260.000	PK	48.53	37.30	-32.81	-	2.22	55.24	73.9	18.6	400	76	-
Hori.	12390.000	PK	47.55	37.87	-31.23	-	-9.54	44.65	73.9	29.2	150	0	Floor Noise
Hori.	18585.000	PK	43.65	40.07	11.88	48.20	-9.54	37.86	73.9	36.0	150	0	Floor Noise
Hori.	12390.000	AV	36.41	37.87	-31.23	-	-9.54	33.51	53.9	20.3	150	0	Floor Noise
Hori.	18585.000	AV	32.77	40.07	11.88	48.20	-9.54	26.98	53.9	26.9	150	0	Floor Noise
Vert.	41.462	QP	38.80	14.25	6.64	32.18	0.00	27.51	40.0	12.4	100	280	-
Vert.	67.316	QP	49.70	6.85	6.61	32.17	0.00	30.99	40.0	9.0	100	84	-
Vert.	68.322	QP	49.60	6.73	6.67	32.17	0.00	30.83	40.0	9.1	100	88	-
Vert.	71.871	QP	47.10	6.38	6.94	32.16	0.00	28.26	40.0	11.7	100	150	-
Vert.	476.553	QP	40.80	16.77	9.68	31.98	0.00	35.27	46.0	10.7	129	306	-
Vert.	8260.000	PK	48.31	37.30	-32.81	-	2.22	55.02	73.9	18.8	393	178	-
Vert.	12390.000	PK	47.64	37.87	-31.23	-	-9.54	44.74	73.9	29.1	150	0	Floor Noise
Vert.	18585.000	PK	43.68	40.07	11.88	48.20	-9.54	37.89	73.9	36.0	150	0	Floor Noise
Vert.	12390.000	AV	36.43	37.87	-31.23	-	-9.54	33.53	53.9	20.3	150	0	Floor Noise
Vert.	18585.000	AV	32.71	40.07	11.88	48.20	-9.54	26.92	53.9	26.9	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	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.	8260.000	AV	38.38	37.30	-32.81	-	0.19	2.22	45.28	53.9	8.6	*2)
Vert.	8260.000	AV	38.25	37.30	-32.81	-	0.19	2.22	45.15	53.9	8.7	*2)

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

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

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.

*2) Noise synchronized with duty of carrier frequency.

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

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty 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.	24780.000	PK	47.11	40.24	13.93	46.82	-	-9.54	44.92	-50.31	-7.0	43.3	161	243	-
Hori.	37170.000	PK	51.73	44.13	20.38	63.58	-	-9.54	43.12	-52.11	-7.0	45.1	162	229	-
Hori.	24780.000	AV	42.33	40.24	13.93	46.82	0.19	-9.54	40.33	-54.90	-27.0	27.9	161	243	-
Hori.	37170.000	AV	42.61	44.13	20.38	63.58	0.19	-9.54	34.19	-61.04	-27.0	34.0	162	229	-
Vert.	24780.000	PK	46.41	40.24	13.93	46.82	-	-9.54	44.22	-51.01	-7.0	44.0	144	266	-
Vert.	37170.000	PK	52.73	44.13	20.38	63.58	-	-9.54	44.12	-51.11	-7.0	44.1	149	228	-
Vert.	24780.000	AV	40.78	40.24	13.93	46.82	0.19	-9.54	38.78	-56.45	-27.0	29.4	144	266	-
Vert.	37170.000	AV	43.21	44.13	20.38	63.58	0.19	-9.54	34.79	-60.44	-27.0	33.4	149	228	-

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

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

*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 6195 MHz with 11g 2462 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
April 14, 2025	SAC3	29 deg. C	23 % RH	Yuta Shiba	Below 1 GHz
March 12, 2025	WAC2	22 deg. C	45 % RH	Miku Ikudome	1 GHz to 10 GHz
March 11, 2025	WAC2	23 deg. C	35 % RH	Miku Ikudome	10 GHz to 18 GHz
March 11, 2025	WAC2	23 deg. C	38 % RH	Yohsuke Matsuzawa	18 GHz to 40 GHz

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

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

Polarity	Frequency	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.	43.625	QP	42.50	13.46	6.69	32.18	0.00	30.47	40.0	9.5	400	155	-
Hori.	45.173	QP	42.90	12.91	6.72	32.18	0.00	30.35	40.0	9.6	400	170	-
Hori.	49.546	QP	43.80	11.31	6.77	32.18	0.00	29.70	40.0	10.3	400	252	-
Hori.	55.197	QP	49.70	9.41	6.73	32.18	0.00	33.66	40.0	6.3	400	46	-
Hori.	57.502	QP	52.30	8.76	6.64	32.17	0.00	35.53	40.0	4.4	400	235	-
Hori.	60.025	QP	48.50	8.12	6.55	32.17	0.00	31.00	40.0	9.0	400	268	-
Hori.	62.974	QP	46.30	7.55	6.51	32.17	0.00	28.19	40.0	11.8	365	65	-
Hori.	69.474	QP	52.20	6.60	6.74	32.16	0.00	33.38	40.0	6.6	280	223	-
Hori.	71.250	QP	50.70	6.44	6.89	32.16	0.00	31.87	40.0	8.1	261	242	-
Hori.	8260.000	PK	48.68	37.30	-32.81	-	2.22	55.39	73.9	18.5	400	77	-
Hori.	12390.000	PK	47.52	37.87	-31.23	-	-9.54	44.62	73.9	29.2	150	0	Floor Noise
Hori.	18585.000	PK	43.71	40.07	11.88	48.20	-9.54	37.92	73.9	35.9	150	0	Floor Noise
Hori.	12390.000	AV	36.41	37.87	-31.23	-	-9.54	33.51	53.9	20.3	150	0	Floor Noise
Hori.	18585.000	AV	32.36	40.07	11.88	48.20	-9.54	26.57	53.9	27.3	150	0	Floor Noise
Vert.	43.285	QP	44.50	13.58	6.69	32.18	0.00	32.59	40.0	7.4	100	69	-
Vert.	47.699	QP	42.10	11.98	6.75	32.18	0.00	28.65	40.0	11.3	100	255	-
Vert.	55.192	QP	45.20	9.41	6.73	32.18	0.00	29.16	40.0	10.8	100	80	-
Vert.	60.723	QP	46.60	7.96	6.53	32.17	0.00	28.92	40.0	11.0	100	99	-
Vert.	70.081	QP	49.60	6.54	6.78	32.16	0.00	30.76	40.0	9.2	100	103	-
Vert.	8260.000	PK	48.24	37.30	-32.81	-	2.22	54.95	73.9	18.9	394	178	-
Vert.	12390.000	PK	47.70	37.87	-31.23	-	-9.54	44.80	73.9	29.1	150	0	Floor Noise
Vert.	18585.000	PK	43.71	40.07	11.88	48.20	-9.54	37.92	73.9	35.9	150	0	Floor Noise
Vert.	12390.000	AV	36.35	37.87	-31.23	-	-9.54	33.45	53.9	20.4	150	0	Floor Noise
Vert.	18585.000	AV	32.62	40.07	11.88	48.20	-9.54	26.83	53.9	27.0	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	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.	8260.000	AV	38.42	37.30	-32.81	-	0.19	2.22	45.32	53.9	8.5	*2)
Vert.	8260.000	AV	38.27	37.30	-32.81	-	0.19	2.22	45.17	53.9	8.7	*2)

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

Distance Fac. : 1 GHz to 10 GHz : 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.

*2) Noise synchronized with duty of carrier frequency.

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

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

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty 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.	24780.000	PK	46.50	40.24	13.93	46.82	-	-9.54	44.31	-50.92	-7.0	43.9	144	243	-
Hori.	37170.000	PK	53.41	44.13	20.38	63.58	-	-9.54	44.80	-50.43	-7.0	43.4	178	261	-
Hori.	24780.000	AV	40.75	40.24	13.93	46.82	0.19	-9.54	38.75	-56.48	-27.0	29.4	144	243	-
Hori.	37170.000	AV	43.68	44.13	20.38	63.58	0.19	-9.54	35.26	-59.97	-27.0	32.9	178	261	-
Vert.	24780.000	PK	46.96	40.24	13.93	46.82	-	-9.54	44.77	-50.46	-7.0	43.4	138	251	-
Vert.	37170.000	PK	51.74	44.13	20.38	63.58	-	-9.54	43.13	-52.10	-7.0	45.1	150	229	-
Vert.	24780.000	AV	41.25	40.24	13.93	46.82	0.19	-9.54	39.25	-55.98	-27.0	28.9	138	251	-
Vert.	37170.000	AV	43.41	44.13	20.38	63.58	0.19	-9.54	34.99	-60.24	-27.0	33.2	150	229	-

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

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

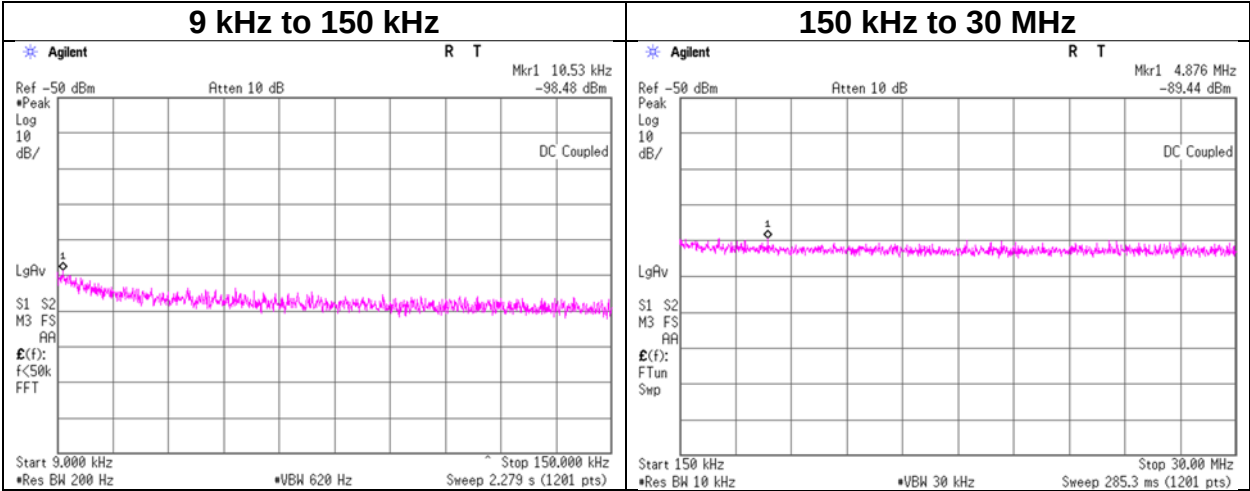
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).

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]

Conducted Spurious Emission

Mode	Tx 11ax-160(OFDM) MIMO, 6665 MHz, ANT1			
Date	Test Place	Temperature	Humidity	Engineer
February 15, 2025	SR5	21 deg.C	23 %RH	Shiro Kobayashi



Frequency	Reading	Cable Loss	Attenuator	Antenna Gain	N	EIRP	Distance	Ground bounce	E	Limit	Margin	Remark
[kHz]	[dBm]	[dB]	[dB]	[dBi]	(Number of Output)	[dBm]	[m]	[dB]	(field strength) [dBuV/m]	[dBuV/m]	[dB]	
10.53	-98.48	0.01	10.11	4.67	2	-80.7	300	6.0	-19.4	47.1	66.5	-
4876.00	-89.44	0.03	10.11	4.67	2	-71.6	30	6.0	9.6	29.5	19.9	-

$E \text{ [dBuV/m]} = \text{EIRP [dBm]} - 20 \log (\text{Distance [m]}) + \text{Ground bounce [dB]} + 104.8 \text{ [dBuV/m]}$
 $\text{EIRP [dBm]} = \text{Reading [dBm]} + \text{Cable loss [dB]} + \text{Attenuator Loss [dB]} + \text{Antenna gain [dBi]} + 10 * \log (N)$
N: Number of output

Contention Based Protocol

Mode	Communication 11ax-20 / 11ax-160			
Date	Test Place	Temperature	Humidity	Engineer
March 12, 2025	SR5	24 deg.C	36 %RH	Yosuke Murakami
March 13, 2025	SR5	24 deg.C	40 %RH	Makoto Hosaka
March 13, 2025	SR5	24 deg.C	40 %RH	Yosuke Murakami

Incumbent signal plots

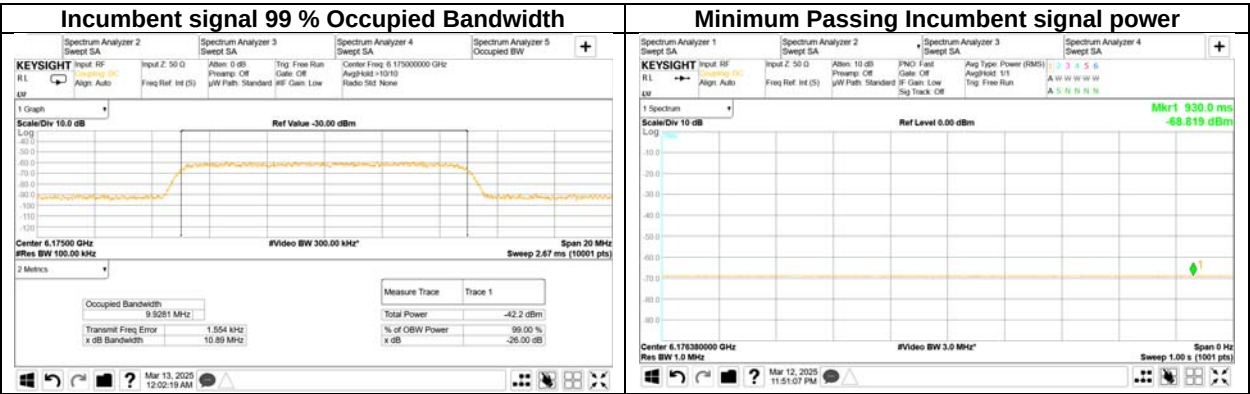
[20 MHz BW mode]

All tests were conducted with the Incumbent Signal frequency set to the middle of EUT channel and a nominal 99% Occupied Power Bandwidth of 10 MHz.

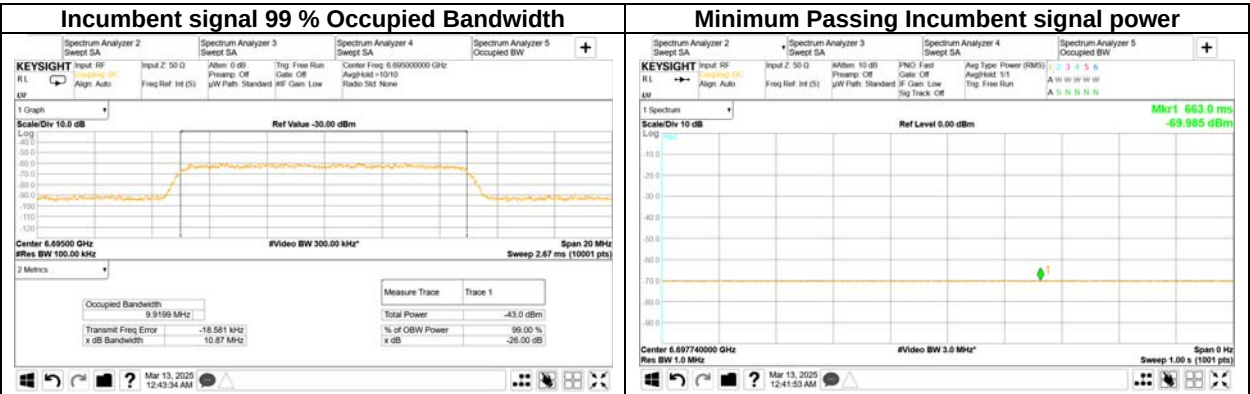
[160 MHz BW mode]

All tests were conducted with the Incumbent Signal frequency set to as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel and a nominal 99% Occupied Power Bandwidth of 10 MHz.

Reference Plot
U-NII-5



Reference Plot
U-NII-7



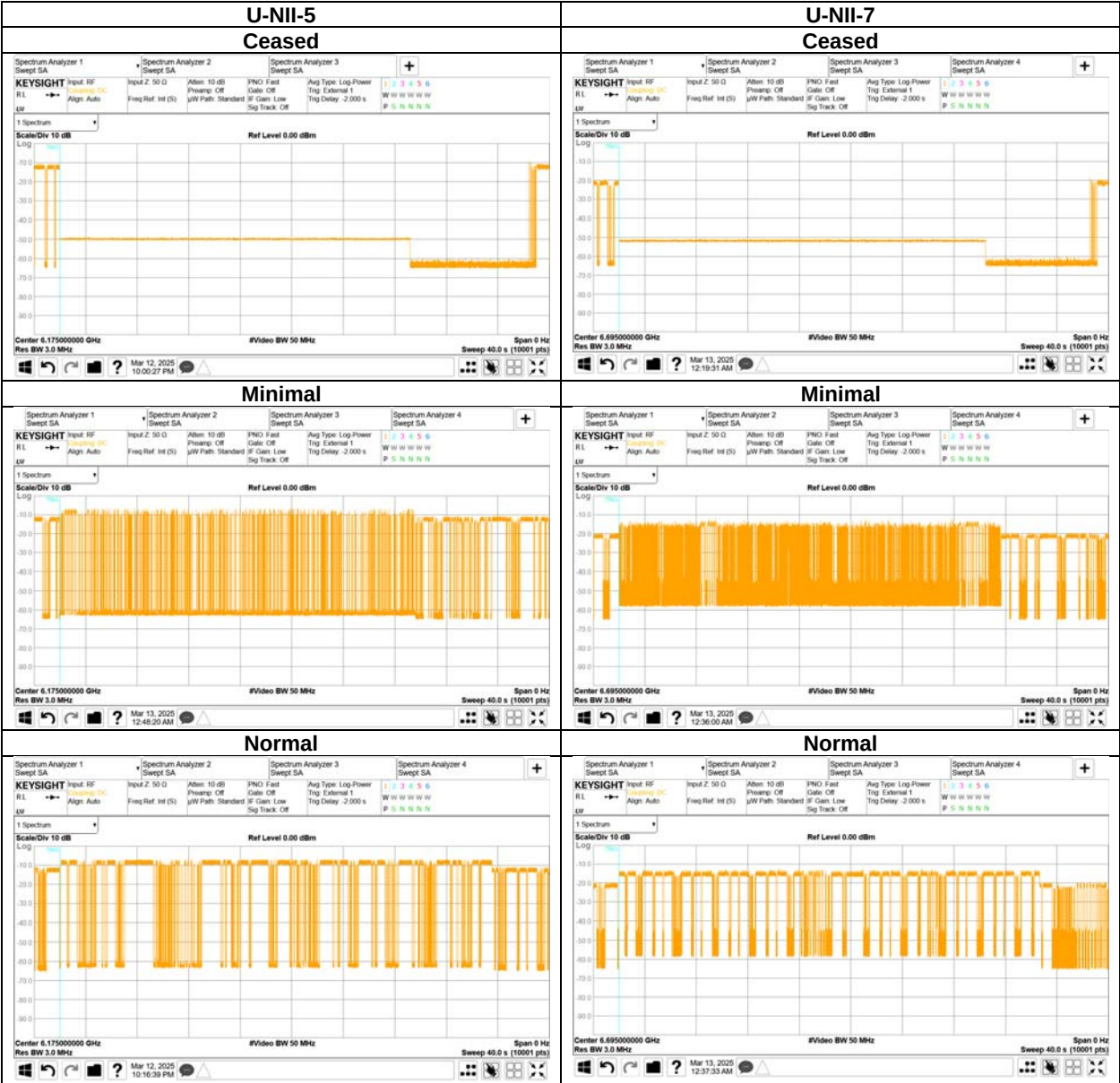
Contention Based Protocol

EUT response to the applied incumbent signal

A link between the EUT and the Companion Device was established on the test channel. Traffic flowing from the EUT to the Companion Device was then initiated. A sweep was started, and the incumbent signal was continuously applied at approximately 5 seconds after the start of the sweep for a duration of 30 seconds and removed after the end of the observation period.

Transmissions cease while the Incumbent AWGN Signal is present and resume after it is removed. Span was set to zero to ensure detection of transmissions from the EUT.

Reference Plot



Ceased: The level at which no transmission is detected, consistently for a minimum period of 10 seconds.

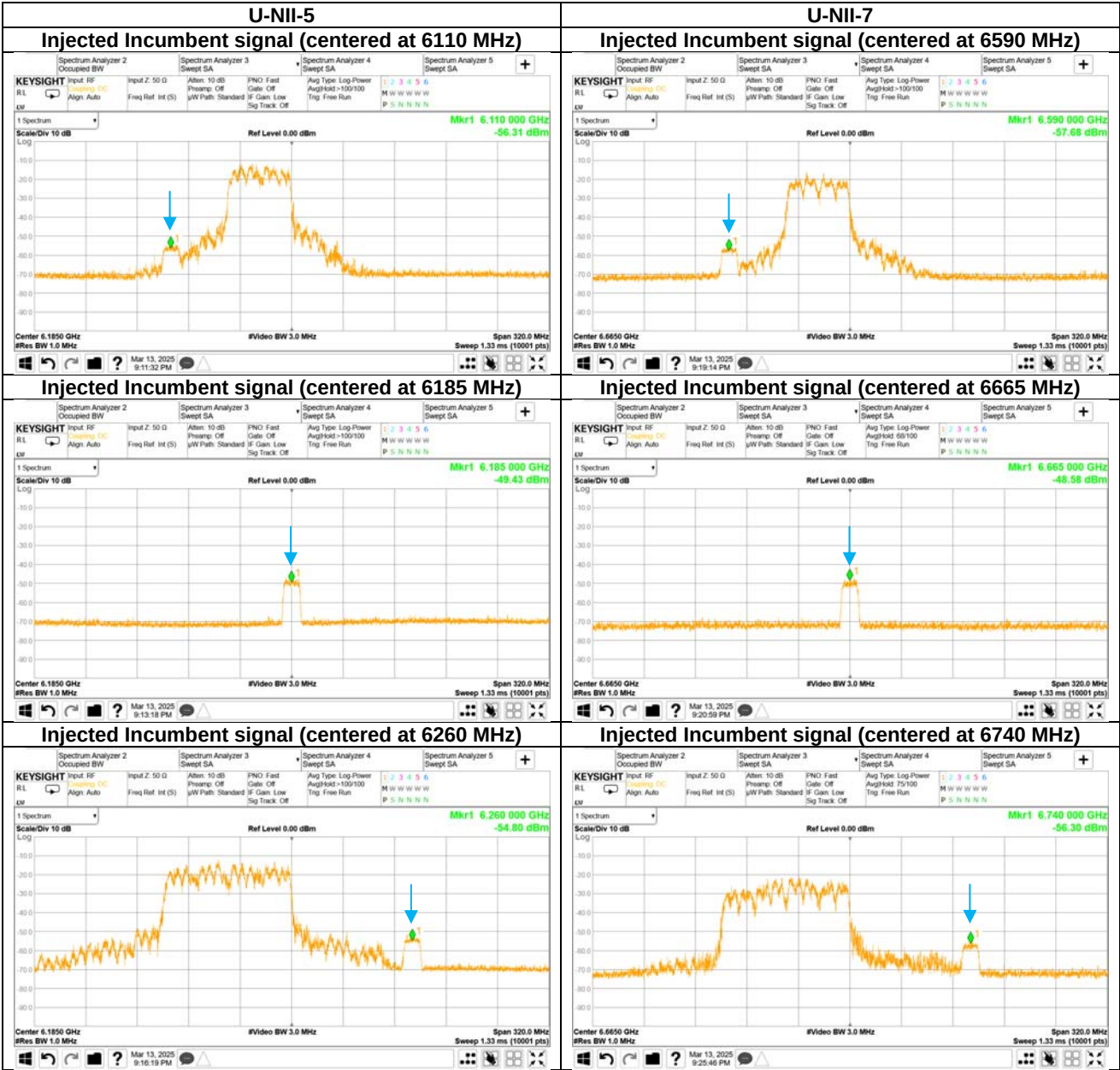
Minimal: The AWGN level at which the system begins to trigger the transmission switch off, albeit not being kept off consistently.

Normal: The level at which there is no apparent detection and the operation of the EUT is still considered optimal.

Contention Based Protocol

CBP Bandwidth Reduction Description

It was confirmed how the channel is reduced when AWGN is injected at the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel.



→ : Incumbent Signal

Contention Based Protocol

Incumbent signal detection results

UNII Band	Center Frequency [MHz]	BW [MHz]	Incumbent Frequency [MHz]	Incumbent Power [dBm]	Antenna gain* [dBi]	Adjusted Incumbent Power [dBm]	Detection Limit [dBm]	EUT Tx Status
5	6175	20	6175	-68.82	4.42	-73.24	-62.00	Ceased
				-85.32	4.42	-89.74	-62.00	Minimal
				-88.82	4.42	-93.24	-62.00	Normal
	6185	160	6110	-67.77	4.42	-72.19	-62.00	Ceased
				-75.47	4.42	-79.89	-62.00	Minimal
				-89.67	4.42	-94.09	-62.00	Normal
			6185	-60.10	4.42	-64.52	-62.00	Ceased
				-77.10	4.42	-81.52	-62.00	Minimal
				-80.60	4.42	-85.02	-62.00	Normal
			6260	-66.76	4.42	-71.18	-62.00	Ceased
				-74.66	4.42	-79.08	-62.00	Minimal
				-89.26	4.42	-93.68	-62.00	Normal

Adjusted Incumbent Power = Incumbent Power - Antenna gain

*The antenna gain value was applied as conservative condition.

The testing was performed with the AWGN signal set to Normal level (more than 20 dB below the -62 dBm threshold) and increased until the EUT detected and stopped transmitting (Ceased level).

EUT Tx Status means below

Ceased: The level at which no transmission is detected, consistently for a minimum period of 10 seconds.

Minimal: The AWGN level at which the system begins to trigger the transmission switch off, albeit not being kept off consistently.

Normal: The level at which there is no apparent detection and the operation of the EUT is still considered optimal.

Contention Based Protocol

Incumbent signal detection results

UNII Band	Center Frequency [MHz]	BW [MHz]	Incumbent Frequency [MHz]	Incumbent Power [dBm]	Antenna gain* [dBi]	Adjusted Incumbent Power [dBm]	Detection Limit [dBm]	EUT Tx Status
7	6695	20	6695	-69.99	4.42	-74.41	-62.00	Ceased
				-76.49	4.42	-80.91	-62.00	Minimal
				-89.99	4.42	-94.41	-62.00	Normal
	6665	160	6590	-68.04	4.42	-72.46	-62.00	Ceased
				-76.14	4.42	-80.56	-62.00	Minimal
				-88.34	4.42	-92.76	-62.00	Normal
			6665	-61.04	4.42	-65.46	-62.00	Ceased
				-75.04	4.42	-79.46	-62.00	Minimal
				-76.54	4.42	-80.96	-62.00	Normal
			6740	-68.53	4.42	-72.95	-62.00	Ceased
				-76.23	4.42	-80.65	-62.00	Minimal
				-87.93	4.42	-92.35	-62.00	Normal

Adjusted Incumbent Power = Incumbent Power - Antenna gain

*The antenna gain value was applied as conservative condition.

The testing was performed with the AWGN signal set to Normal level (more than 20 dB below the -62 dBm threshold) and increased until the EUT detected and stopped transmitting (Ceased level).

EUT Tx Status means below

Ceased: The level at which no transmission is detected, consistently for a minimum period of 10 seconds.

Minimal: The AWGN level at which the system begins to trigger the transmission switch off, albeit not being kept off consistently.

Normal: The level at which there is no apparent detection and the operation of the EUT is still considered optimal.

Contention Based Protocol

Incumbent signal detection certainty results

UNII Band	Center Frequency [MHz]	BW [MHz]	Incumbent* Frequency [MHz]	Trial No.										Detection Rate [%]	Detection Rate Limit [%]
				1	2	3	4	5	6	7	8	9	10		
5	6175	20	6175	○	○	○	○	○	○	○	○	○	○	100	90
	6185	160	6110	○	○	○	○	○	○	○	○	○	○	100	90
			6185	○	○	○	○	○	○	○	○	○	○	100	90
			6260	○	○	○	○	○	○	○	○	○	○	100	90
7	6695	20	6695	○	○	○	○	○	○	○	○	○	○	100	90
	6665	160	6590	○	○	○	○	○	○	○	○	○	○	100	90
			6665	○	○	○	○	○	○	○	○	○	○	100	90
			6740	○	○	○	○	○	○	○	○	○	○	100	90

"○" means EUT ceased.

Blank means EUT did not ceased.

* Test was performed at the level which the EUT Tx Status was Ceased.

APPENDIX 2: Test Instruments

Test Equipment [1/2]

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	160493	Attenuator	Weinschel Corp.	54A-10	83406	2024/12/03	12
AT	204925	Attenuator	Weinschel Corp.	54A-10	109970	2025/02/18	12
AT	239651	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	2001219/2	2024/08/20	12
AT	146212	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997828	2024/09/24	12
AT	220801	Automated EMC/RF Freeware	Raditeq (Formerly DARE!! Instruments)	RadiMation Free	ver.2020.0.12	-	-
AT	236796	Power Meter	Raditeq (Formerly DARE!! Instruments)	RPR3008W	RPR8W-2301014	2024/05/14	12
AT	145089	Spectrum Analyzer	Keysight Technologies Inc	E4446A	MY46180525	2024/08/19	12
AT	145800	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY48250106	2025/03/31	12
AT	150461	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46186392	2024/06/11	12
AT	235604	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY45300743	2024/05/23	12
AT	253774	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46185398	2024/11/19	12
AT	204924	Terminator	Weinschel - API Technologies Corp	M1459A	110107	2025/02/18	12
AT, CBP	239652	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	2001220/2	2024/08/20	12
AT, CBP	145111	Digital Tester	SANWA	PC500	7019232	2024/09/24	12
AT, CBP	254939	Microwave cable	RS Pro	R-132G7210 100CO	-	2024/11/14	12
AT, CBP	254940	Microwave cable	RS Pro	R-132G7210 100CO	-	2024/11/14	12
AT, CBP	175822	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2024/08/11	12
CBP	145182	Coaxial Cable	Suhner	141PE	-	2024/07/02	12
CBP	196946	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803411/2	2025/03/11	12
CBP	196949	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803480/2	2025/03/11	12
CBP	146252	Power Splitters/Combiners	Mini-Circuits	ZFSC-2-10G+	-	2024/11/07	12
CBP	146253	Power Splitters/Combiners	Mini-Circuits	ZFSC-2-10G+	-	2024/11/07	12
CBP	146276	Power Splitters/Combiners	Mini-Circuits	ZFSC-2-10G+	-	2024/11/07	12
CBP	226868	Signal Generator	Rohde & Schwarz	SMW200A	108835	2025/04/11	12
CBP	240499	Spectrum Analyzer	Keysight Technologies Inc	N9020B	MY59050557	2024/10/08	12
CBP	207874	WLAN Test Set	Anritsu Corporation	MT8862A	6262115468	-	-
CBP	146020	RF switch circuit	UL-ISE	-	1	-	-
CBP	197976	Attenuator	JFW	50HF-006	-	2024/4/23	12
RE	248303	Attenuator	JFW	50HFFA-006-2/18N	-	2024/05/06	12
RE	145023	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	BBA9106	91032666	2024/05/10	12
RE	196945	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803414/2	2025/03/13	12
RE	236709	Coaxial Cable	Hayashi-Repic co., Ltd.	NMS079B-GL310C-SMS117B-2m	47256-02-04	2024/05/09	12
RE	236711	Coaxial Cable	Hayashi-Repic co., Ltd.	KMS020B-GL140sE-KMS020B-7.0m	47256-03-02	2024/05/09	12
RE	236720	Coaxial Cable	Huber+Suhner	SF106/SF106/SF106	2001167/2001168/2001161	2024/05/10	12
RE	236756	Coaxial Cable	Huber+Suhner	SF106/11N/11N/6000	2001167	2024/05/10	12
RE	239644	Coaxial Cable	Junkosha	MWX221-01000NFSNMS/B	2306S022	2024/08/21	12
RE	239650	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	2001218/2	2024/08/20	12
RE	253628	Coaxial Cable&RF Selector	Fujikura/Fujikura/Suhner/Suhner/Suhner/TOYO	5D2W/12DSFA/141PE/141PE/141PE/141PE/NS4906	-/0901-271(RF Selector)	2025/04/05	12
RE	146210	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997823	2024/09/24	12
RE	235640	DIGITAL MULTIMETER	HIOKI E. E. CORPORATION	DT4261	230313157	2024/05/29	12

Test Equipment [2/2]

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	170932	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3(RE,CE,ME,PE)	Ver 3.1.0546	-	-
RE	242062	Highpass Filter	Micro-Tronics	HPM50107	G119	2024/11/12	12
RE	145512	Horn Antenna	ETS-Lindgren	3160-09	00094868	2024/06/20	12
RE	145514	Horn Antenna	ETS-Lindgren	3160-10	00092383	2024/06/20	12
RE	236584	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000112	2024/04/04	12
RE	236769	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000111	2025/04/01	12
RE	145529	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	196	2024/05/10	12
RE	145007	Pre Amplifier	Toyo Corporation	HAP18-26W	19	2024/08/21	12
RE	145126	Pre Amplifier	SONOMA	310N	290213	2025/02/19	12
RE	145129	Pre Amplifier	Toyo Corporation	HAP26-40W	B3208602403-176	2024/05/09	12
RE	237786	RF RELAY MATRIX with preamplifier	TSJ (Techno Science Japan)	RFM-E221261R	07796	2024/11/12	12
RE	145565	Semi-Anechoic Chamber	TDK	SAEC-03(NSA)	3	2025/04/07	12
RE	236617	Semi-Anechoic Chamber	TDK	SWAC-02(SVSWR)	2	2024/06/06	12
RE	146432	Tape Measure	TAJIMA	GL19-55	-	-	-
RE	207281	Tape Measure	ASKUL	-	-	-	-
RE	213530	Test Receiver	Rohde & Schwarz	ESW44	103068	2025/02/12	12
RE	235267	Test Receiver	Rohde & Schwarz	ESW44	103018	2025/03/18	12
RE	235268	Test Receiver	Rohde & Schwarz	ESW44	103212	2024/12/18	12
RE	191840	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2024/08/12	12
RE	235738	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2024/04/28	12

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

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

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

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

Test item:

AT: Antenna Terminal Conducted test

RE: Radiated Emission

CBP: Contention Based Protocol