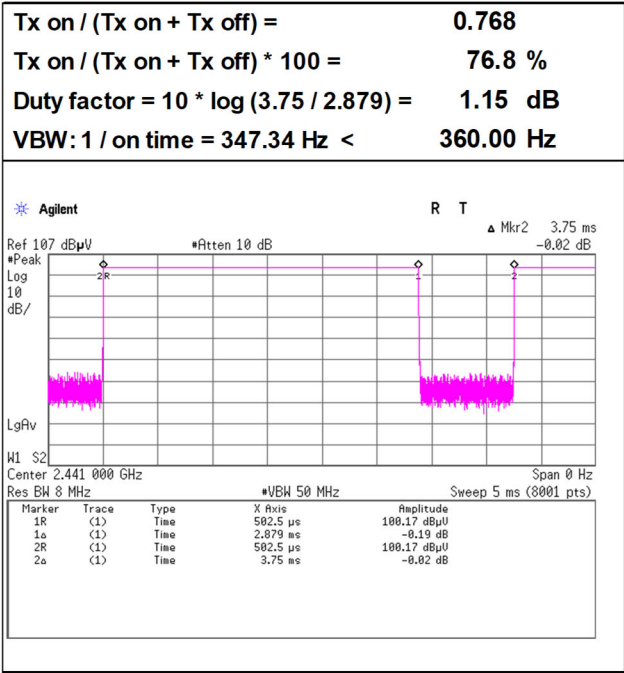


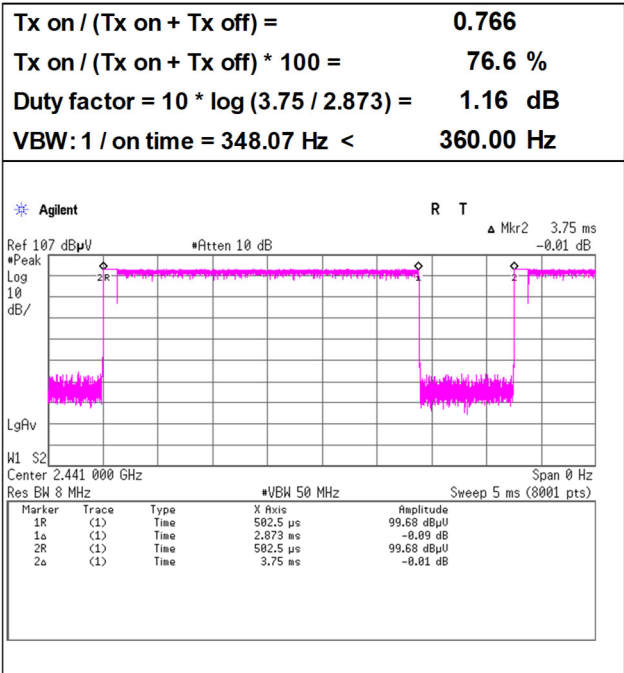
Burst Rate Confirmation

Mode	Tx, Hopping Off			
Date	Test site	Temperature	Humidity	Engineer
October 16, 2025	SR5	27 deg. C	52 % RH	Masahide Ozaki

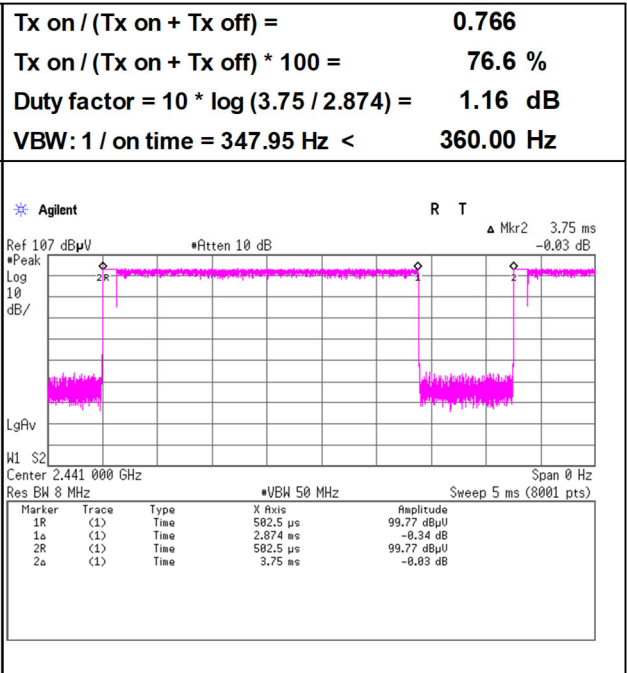
DH5



2DH5



3DH5



Radiated Spurious Emission

Mode	Tx, Hopping Off, DH5, 2402 MHz				
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 15, 2025	WAC2	25 deg. C	60 % RH	Yuta Shiba	1 GHz to 10 GHz
October 16, 2025	WAC2	23 deg. C	61 % RH	Yuta Shiba	10 GHz to 26.5 GHz

(* 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.	2390.000	PK	46.67	27.71	-28.27	-	2.29	48.40	73.9	25.5	108	103	-
Hori.	4804.000	PK	47.00	31.83	-35.97	-	2.29	45.15	73.9	28.7	150	0	Floor Noise
Hori.	7206.000	PK	47.00	36.28	-34.41	-	2.29	51.16	73.9	22.7	150	0	Floor Noise
Hori.	9608.000	PK	45.46	38.04	-31.33	-	2.29	54.46	73.9	19.4	150	0	Floor Noise
Hori.	4804.000	AV	35.53	31.83	-35.97	-	2.29	33.68	53.9	20.2	150	0	Floor Noise
Hori.	7206.000	AV	35.28	36.28	-34.41	-	2.29	39.44	53.9	14.4	150	0	Floor Noise
Hori.	9608.000	AV	34.68	38.04	-31.33	-	2.29	43.68	53.9	10.2	150	0	Floor Noise
Vert.	2390.000	PK	47.18	27.71	-28.27	-	2.29	48.91	73.9	24.9	245	94	-
Vert.	4804.000	PK	47.00	31.83	-35.97	-	2.29	45.15	73.9	28.7	150	0	Floor Noise
Vert.	7206.000	PK	46.54	36.28	-34.41	-	2.29	50.70	73.9	23.2	150	0	Floor Noise
Vert.	9608.000	PK	45.41	38.04	-31.33	-	2.29	54.41	73.9	19.4	150	0	Floor Noise
Vert.	4804.000	AV	35.55	31.83	-35.97	-	2.29	33.70	53.9	20.2	150	0	Floor Noise
Vert.	7206.000	AV	35.22	36.28	-34.41	-	2.29	39.38	53.9	14.5	150	0	Floor Noise
Vert.	9608.000	AV	34.85	38.04	-31.33	-	2.29	43.85	53.9	10.0	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 : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2390.000	AV	35.33	27.71	-28.27	-	1.15	2.29	38.21	53.9	15.6	*1)
Vert.	2390.000	AV	35.25	27.71	-28.27	-	1.15	2.29	38.13	53.9	15.7	*1)

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

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

Duty factor refer to "Burst rate confirmation" sheet.

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

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

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]	Remark
Hori.	2402.000	PK	101.45	27.74	-28.26	-	2.29	103.22	-	-	Carrier
Hori.	2400.000	PK	43.07	27.73	-28.26	-	2.29	44.83	83.2	38.3	-
Vert.	2402.000	PK	101.29	27.74	-28.26	-	2.29	103.06	-	-	Carrier
Vert.	2400.000	PK	42.85	27.73	-28.26	-	2.29	44.61	83.0	38.3	-

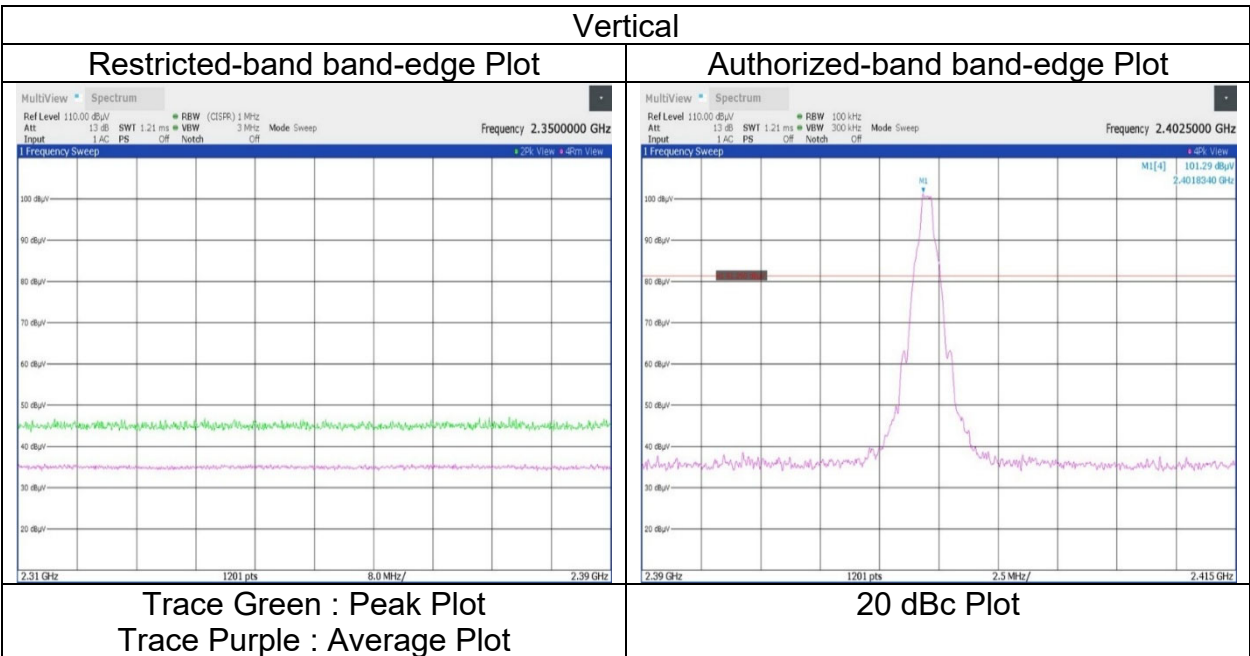
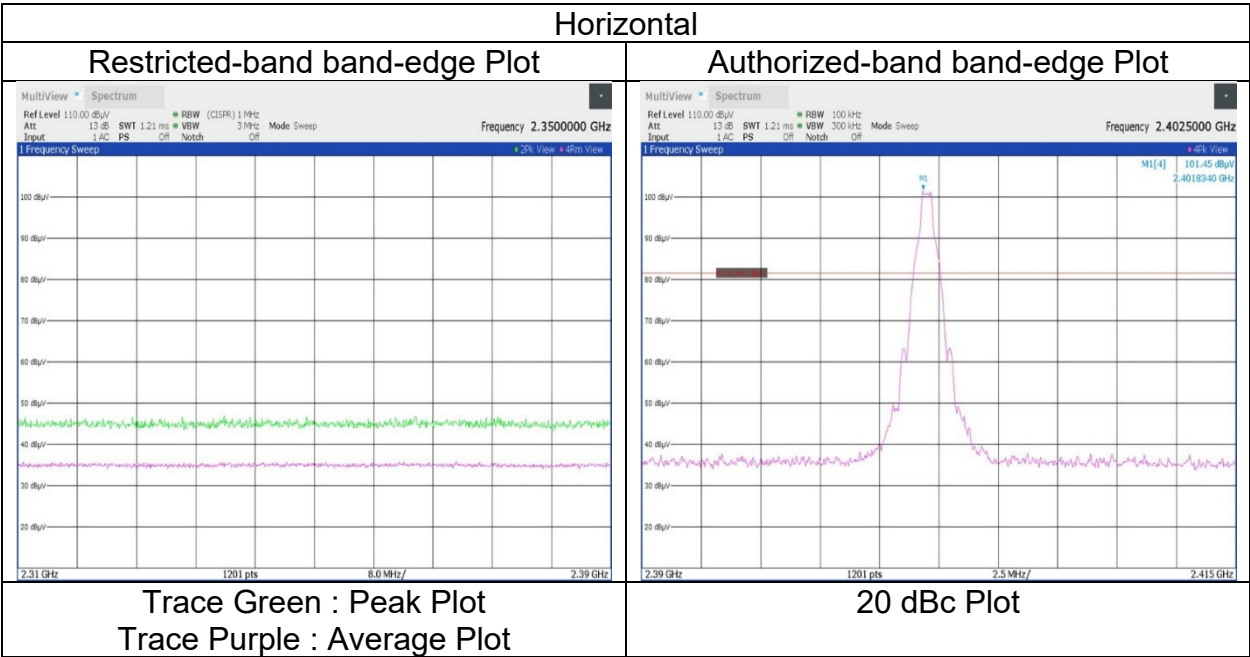
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

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

Radiated Spurious Emission
(Reference Plot for band-edge)

Mode	Tx, Hopping Off, DH5, 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 15, 2025	WAC2	25 deg. C	60 % RH	Yuta Shiba	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 and authorized band edge were shown in tabular data.

Radiated Spurious Emission

Mode	Tx, Hopping Off, DH5, 2441 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 15, 2025	WAC2	25 deg. C	60 % RH	Yuta Shiba	1 GHz to 10 GHz
October 16, 2025	WAC2	23 deg. C	61 % RH	Yuta Shiba	10 GHz to 26.5 GHz

(* 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.	4882.000	PK	46.16	32.28	-35.95	-	2.29	44.78	73.9	29.1	150	0	Floor Noise
Hori.	7323.000	PK	46.99	36.66	-34.19	-	2.29	51.75	73.9	22.1	150	0	Floor Noise
Hori.	9764.000	PK	45.40	38.09	-31.12	-	2.29	54.66	73.9	19.2	150	0	Floor Noise
Hori.	4882.000	AV	35.22	32.28	-35.95	-	2.29	33.84	53.9	20.0	150	0	Floor Noise
Hori.	7323.000	AV	35.55	36.66	-34.19	-	2.29	40.31	53.9	13.5	150	0	Floor Noise
Hori.	9764.000	AV	34.21	38.09	-31.12	-	2.29	43.47	53.9	10.4	150	0	Floor Noise
Vert.	4882.000	PK	46.62	32.28	-35.95	-	2.29	45.24	73.9	28.6	150	0	Floor Noise
Vert.	7323.000	PK	46.69	36.66	-34.19	-	2.29	51.45	73.9	22.4	150	0	Floor Noise
Vert.	9764.000	PK	45.78	38.09	-31.12	-	2.29	55.04	73.9	18.8	150	0	Floor Noise
Vert.	4882.000	AV	34.90	32.28	-35.95	-	2.29	33.52	53.9	20.3	150	0	Floor Noise
Vert.	7323.000	AV	35.45	36.66	-34.19	-	2.29	40.21	53.9	13.6	150	0	Floor Noise
Vert.	9764.000	AV	34.39	38.09	-31.12	-	2.29	43.65	53.9	10.2	150	0	Floor Noise

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

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

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

Radiated Spurious Emission

Mode	Tx, Hopping Off, DH5, 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 16, 2025	WAC2	22 deg. C	66 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
October 16, 2025	WAC2	23 deg. C	61 % RH	Yuta Shiba	10 GHz to 26.5 GHz
October 18, 2025	WAC2	23 deg. C	52 % RH	Masahide Ozaki	Below 1 GHz

(* 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.	135.160	QP	38.30	11.44	7.02	33.20	0.00	23.56	43.5	19.9	222	117	-
Hori.	859.323	QP	20.90	21.74	9.05	30.72	0.00	20.97	46.0	25.0	100	0	-
Hori.	2483.500	PK	47.61	27.77	-28.21	-	2.29	49.46	73.9	24.4	134	105	-
Hori.	4960.000	PK	45.56	32.58	-35.92	-	2.29	44.51	73.9	29.3	150	0	Floor Noise
Hori.	7440.000	PK	47.16	36.79	-33.97	-	2.29	52.27	73.9	21.6	150	0	Floor Noise
Hori.	9920.000	PK	46.57	38.15	-30.92	-	2.29	56.09	73.9	17.8	150	0	Floor Noise
Hori.	4960.000	AV	33.28	32.58	-35.92	-	2.29	32.23	53.9	21.6	150	0	Floor Noise
Hori.	7440.000	AV	35.44	36.79	-33.97	-	2.29	40.55	53.9	13.3	150	0	Floor Noise
Hori.	9920.000	AV	34.80	38.15	-30.92	-	2.29	44.32	53.9	9.5	150	0	Floor Noise
Vert.	30.719	QP	36.60	13.57	6.33	32.70	0.00	23.80	40.0	16.2	100	8	-
Vert.	32.256	QP	33.70	13.16	6.35	32.75	0.00	20.46	40.0	19.5	100	344	-
Vert.	33.792	QP	35.80	12.78	6.37	32.79	0.00	22.16	40.0	17.8	100	8	-
Vert.	36.861	QP	42.10	12.14	6.42	32.87	0.00	27.79	40.0	12.2	100	39	-
Vert.	43.005	QP	44.70	11.03	6.52	32.99	0.00	29.26	40.0	10.7	100	54	-
Vert.	44.541	QP	34.20	10.81	6.55	33.01	0.00	18.55	40.0	21.4	100	34	-
Vert.	55.298	QP	44.80	9.78	6.51	33.12	0.00	27.97	40.0	12.0	100	154	-
Vert.	58.367	QP	41.90	9.64	6.38	33.15	0.00	24.77	40.0	15.2	100	166	-
Vert.	61.441	QP	44.90	9.54	6.29	33.17	0.00	27.56	40.0	12.4	100	171	-
Vert.	64.511	QP	41.00	9.45	6.23	33.18	0.00	23.50	40.0	16.5	100	157	-
Vert.	2483.500	PK	47.93	27.77	-28.21	-	2.29	49.78	73.9	24.1	111	104	-
Vert.	4960.000	PK	47.05	32.58	-35.92	-	2.29	46.00	73.9	27.9	150	0	Floor Noise
Vert.	7440.000	PK	46.84	36.79	-33.97	-	2.29	51.95	73.9	21.9	150	0	Floor Noise
Vert.	9920.000	PK	46.85	38.15	-30.92	-	2.29	56.37	73.9	17.5	150	0	Floor Noise
Vert.	4960.000	AV	35.44	32.58	-35.92	-	2.29	34.39	53.9	19.5	150	0	Floor Noise
Vert.	7440.000	AV	35.54	36.79	-33.97	-	2.29	40.65	53.9	13.2	150	0	Floor Noise
Vert.	9920.000	AV	34.76	38.15	-30.92	-	2.29	44.28	53.9	9.6	150	0	Floor Noise

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

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

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

Average measurement value with Duty Factor

Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Duty Fac. [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2483.500	AV	35.62	27.77	-28.21	-	1.15	2.29	38.62	53.9	15.2	*1)
Vert.	2483.500	AV	35.22	27.77	-28.21	-	1.15	2.29	38.22	53.9	15.6	*1)

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

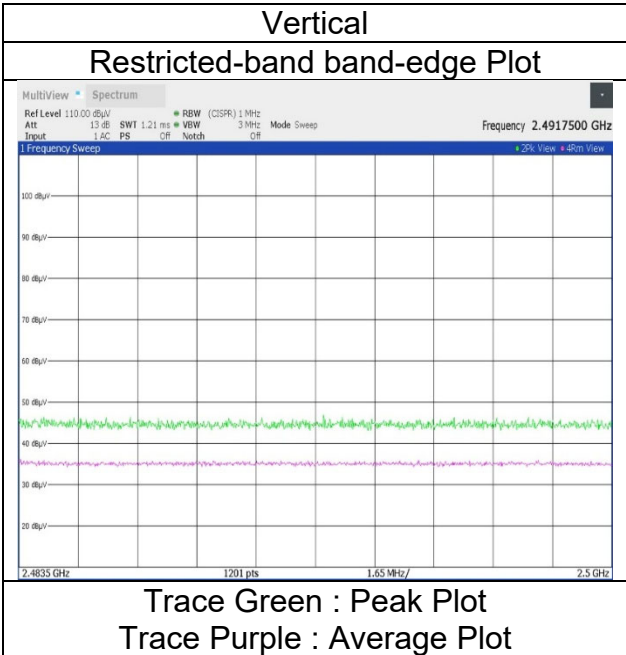
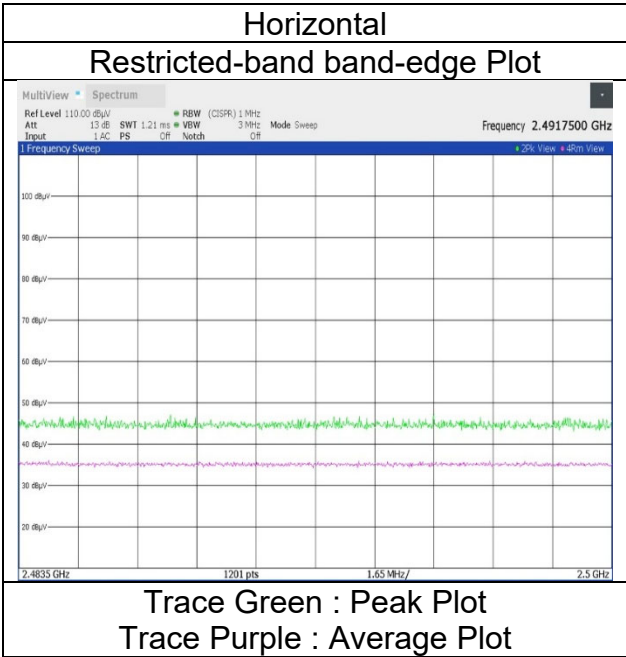
10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

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

Radiated Spurious Emission
(Reference Plot for band-edge)

Mode	Tx, Hopping Off, DH5, 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 16, 2025	WAC2	22 deg. C	66 % 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, Hopping Off, 3DH5, 2402 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 16, 2025	WAC2	22 deg. C	66 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
October 16, 2025	WAC2	23 deg. C	61 % RH	Yuta Shiba	10 GHz to 26.5 GHz

(* 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.	2390.000	PK	47.37	27.71	-28.27	-	2.29	49.10	73.9	24.8	110	119	-
Hori.	4804.000	PK	47.13	31.83	-35.97	-	2.29	45.28	73.9	28.6	150	0	Floor Noise
Hori.	7206.000	PK	46.44	36.28	-34.41	-	2.29	50.60	73.9	23.3	150	0	Floor Noise
Hori.	9608.000	PK	46.64	38.04	-31.33	-	2.29	55.64	73.9	18.2	150	0	Floor Noise
Hori.	4804.000	AV	35.22	31.83	-35.97	-	2.29	33.37	53.9	20.5	150	0	Floor Noise
Hori.	7206.000	AV	35.27	36.28	-34.41	-	2.29	39.43	53.9	14.4	150	0	Floor Noise
Hori.	9608.000	AV	34.65	38.04	-31.33	-	2.29	43.65	53.9	10.2	150	0	Floor Noise
Vert.	2390.000	PK	47.44	27.71	-28.27	-	2.29	49.17	73.9	24.7	245	91	-
Vert.	4804.000	PK	46.05	31.83	-35.97	-	2.29	44.20	73.9	29.7	150	0	Floor Noise
Vert.	7206.000	PK	46.73	36.28	-34.41	-	2.29	50.89	73.9	23.0	150	0	Floor Noise
Vert.	9608.000	PK	46.17	38.04	-31.33	-	2.29	55.17	73.9	18.7	150	0	Floor Noise
Vert.	4804.000	AV	33.28	31.83	-35.97	-	2.29	31.43	53.9	22.4	150	0	Floor Noise
Vert.	7206.000	AV	35.24	36.28	-34.41	-	2.29	39.40	53.9	14.5	150	0	Floor Noise
Vert.	9608.000	AV	34.66	38.04	-31.33	-	2.29	43.66	53.9	10.2	150	0	Floor Noise

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

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

Distance Fac.: 1 GHz to 10 GHz : 20log (3.91 [m] / 3.0 [m]) = 2.29 [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.	2390.000	AV	35.22	27.71	-28.27	-	1.16	2.29	38.11	53.9	15.7	*1)
Vert.	2390.000	AV	35.23	27.71	-28.27	-	1.16	2.29	38.12	53.9	15.7	*1)

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

Distance Fac.: 1 GHz to 10 GHz : 20log (3.91 [m] / 3.0 [m]) = 2.29 [dB]

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

Duty factor refer to "Burst rate confirmation" sheet.

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

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

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]	Remark
Hori.	2402.000	PK	101.79	27.74	-28.26	-	2.29	103.56	-	-	Carrier
Hori.	2400.000	PK	61.04	27.73	-28.26	-	2.29	62.80	83.5	20.7	-
Vert.	2402.000	PK	100.86	27.74	-28.26	-	2.29	102.63	-	-	Carrier
Vert.	2400.000	PK	59.80	27.73	-28.26	-	2.29	61.56	82.6	21.0	-

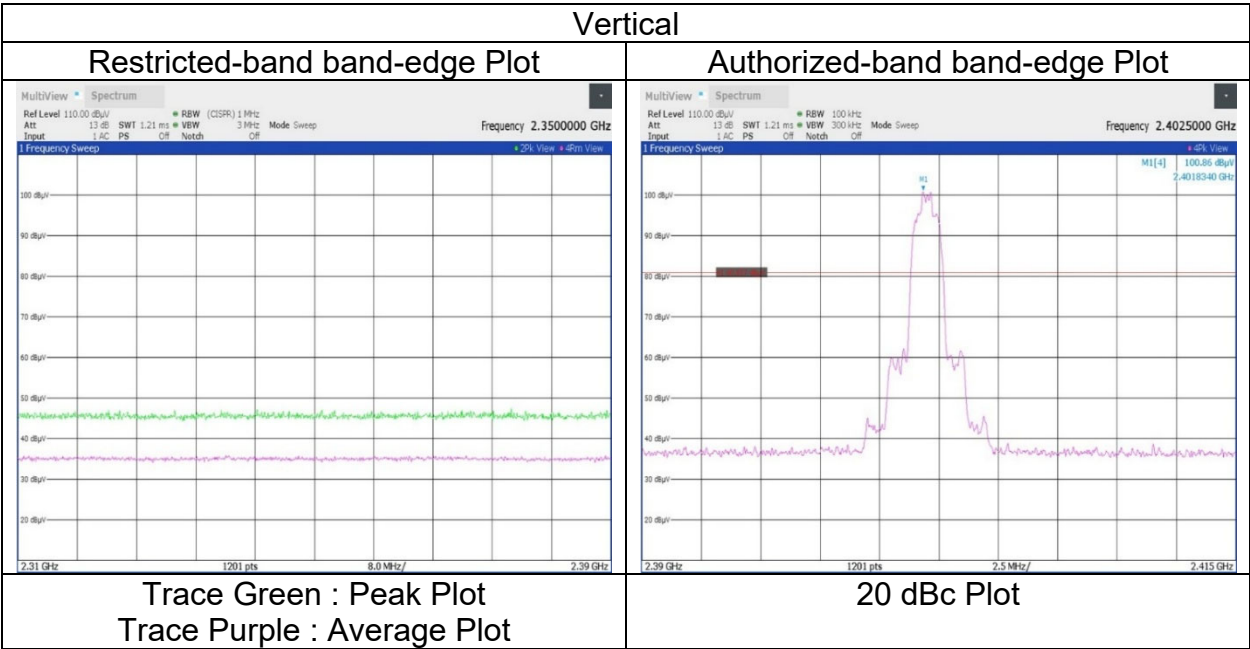
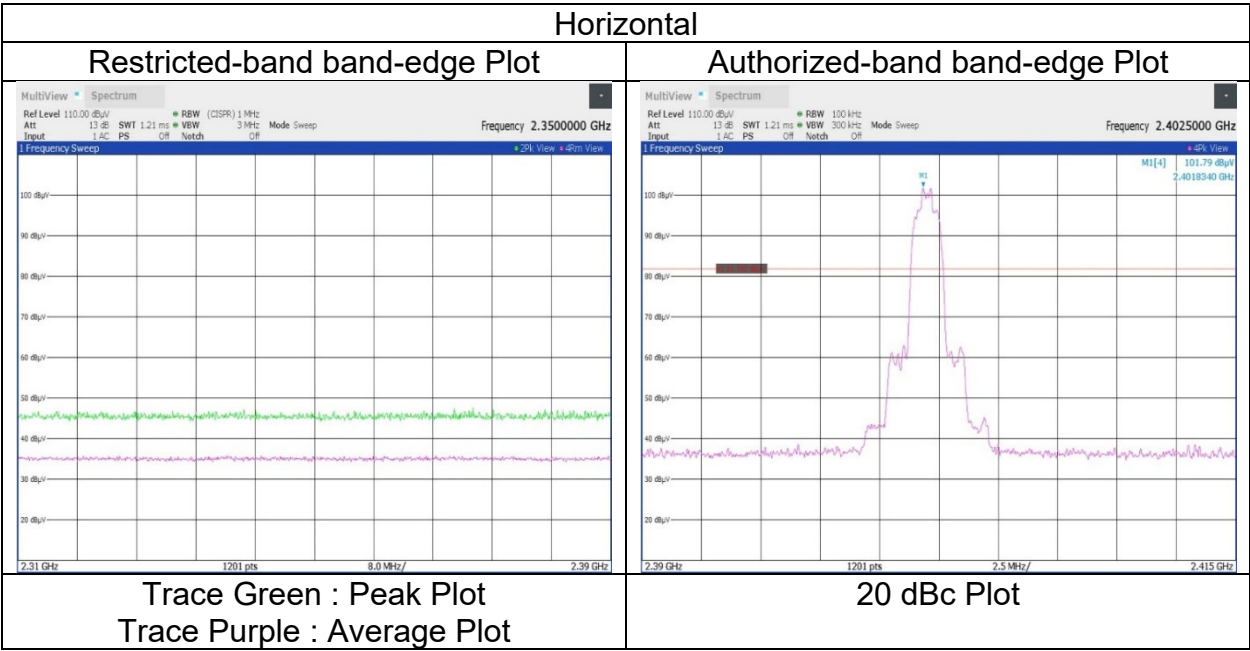
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.

Distance Fac.: 1 GHz to 10 GHz : 20log (3.91 [m] / 3.0 [m]) = 2.29 [dB]

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

Radiated Spurious Emission
(Reference Plot for band-edge)

Mode	Tx, Hopping Off, 3DH5, 2402 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 16, 2025	WAC2	22 deg. C	66 % 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 and authorized band edge were shown in tabular data.

Radiated Spurious Emission

Mode	Tx, Hopping Off, 3DH5, 2441 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 16, 2025	WAC2	22 deg. C	66 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
October 16, 2025	WAC2	23 deg. C	61 % RH	Yuta Shiba	10 GHz to 26.5 GHz

(* 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.	4882.000	PK	47.70	32.28	-35.95	-	2.29	46.32	73.9	27.5	150	0	Floor Noise
Hori.	7323.000	PK	47.13	36.66	-34.19	-	2.29	51.89	73.9	22.0	150	0	Floor Noise
Hori.	9764.000	PK	45.57	38.09	-31.12	-	2.29	54.83	73.9	19.0	150	0	Floor Noise
Hori.	4882.000	AV	35.25	32.28	-35.95	-	2.29	33.87	53.9	20.0	150	0	Floor Noise
Hori.	7323.000	AV	35.38	36.66	-34.19	-	2.29	40.14	53.9	13.7	150	0	Floor Noise
Hori.	9764.000	AV	34.30	38.09	-31.12	-	2.29	43.56	53.9	10.3	150	0	Floor Noise
Vert.	4882.000	PK	45.46	32.28	-35.95	-	2.29	44.08	73.9	29.8	150	0	Floor Noise
Vert.	7323.000	PK	46.79	36.66	-34.19	-	2.29	51.55	73.9	22.3	150	0	Floor Noise
Vert.	9764.000	PK	45.99	38.09	-31.12	-	2.29	55.25	73.9	18.6	150	0	Floor Noise
Vert.	4882.000	AV	33.07	32.28	-35.95	-	2.29	31.69	53.9	22.2	150	0	Floor Noise
Vert.	7323.000	AV	35.43	36.66	-34.19	-	2.29	40.19	53.9	13.7	150	0	Floor Noise
Vert.	9764.000	AV	34.38	38.09	-31.12	-	2.29	43.64	53.9	10.2	150	0	Floor Noise

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

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

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

Radiated Spurious Emission

Mode	Tx, Hopping Off, 3DH5, 2480 MHz
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Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 16, 2025	WAC2	22 deg. C	66 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
October 16, 2025	WAC2	23 deg. C	61 % RH	Yuta Shiba	10 GHz to 26.5 GHz

(* 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.	2483.500	PK	47.38	27.77	-28.21	-	2.29	49.23	73.9	24.6	100	100	-
Hori.	4960.000	PK	47.13	32.58	-35.92	-	2.29	46.08	73.9	27.8	150	0	Floor Noise
Hori.	7440.000	PK	46.28	36.79	-33.97	-	2.29	51.39	73.9	22.5	150	0	Floor Noise
Hori.	9920.000	PK	45.79	38.15	-30.92	-	2.29	55.31	73.9	18.5	150	0	Floor Noise
Hori.	4960.000	AV	35.65	32.58	-35.92	-	2.29	34.60	53.9	19.3	150	0	Floor Noise
Hori.	7440.000	AV	35.57	36.79	-33.97	-	2.29	40.68	53.9	13.2	150	0	Floor Noise
Hori.	9920.000	AV	34.53	38.15	-30.92	-	2.29	44.05	53.9	9.8	150	0	Floor Noise
Vert.	2483.500	PK	47.49	27.77	-28.21	-	2.29	49.34	73.9	24.5	108	105	-
Vert.	4960.000	PK	46.51	32.58	-35.92	-	2.29	45.46	73.9	28.4	150	0	Floor Noise
Vert.	7440.000	PK	46.29	36.79	-33.97	-	2.29	51.40	73.9	22.5	150	0	Floor Noise
Vert.	9920.000	PK	45.78	38.15	-30.92	-	2.29	55.30	73.9	18.6	150	0	Floor Noise
Vert.	4960.000	AV	35.46	32.58	-35.92	-	2.29	34.41	53.9	19.4	150	0	Floor Noise
Vert.	7440.000	AV	35.61	36.79	-33.97	-	2.29	40.72	53.9	13.1	150	0	Floor Noise
Vert.	9920.000	AV	34.64	38.15	-30.92	-	2.29	44.16	53.9	9.7	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 : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

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

Average measurement value with Duty Factor

Polarity	Frequency	Detector	Reading	Ant.Fac.	Loss	Gain	Duty Fac.	Distance Fac.	Result	Limit	Margin	Remark
	[MHz]		[dBuV]	[dB/m]	[dB]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	
Hori.	2483.500	AV	35.26	27.77	-28.21	-	1.16	2.29	38.27	53.9	15.6	*1)
Vert.	2483.500	AV	35.28	27.77	-28.21	-	1.16	2.29	38.29	53.9	15.6	*1)

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

Distance Fac. : 1 GHz to 10 GHz : $20\log(3.91[m] / 3.0[m]) = 2.29 [dB]$

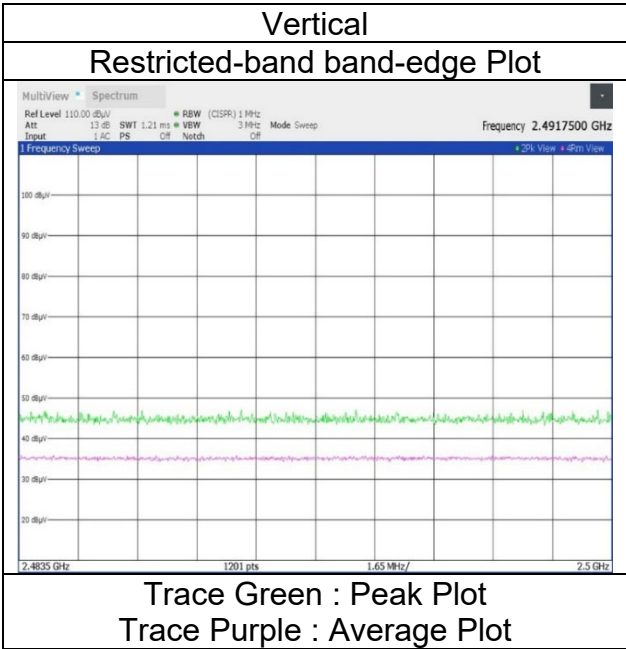
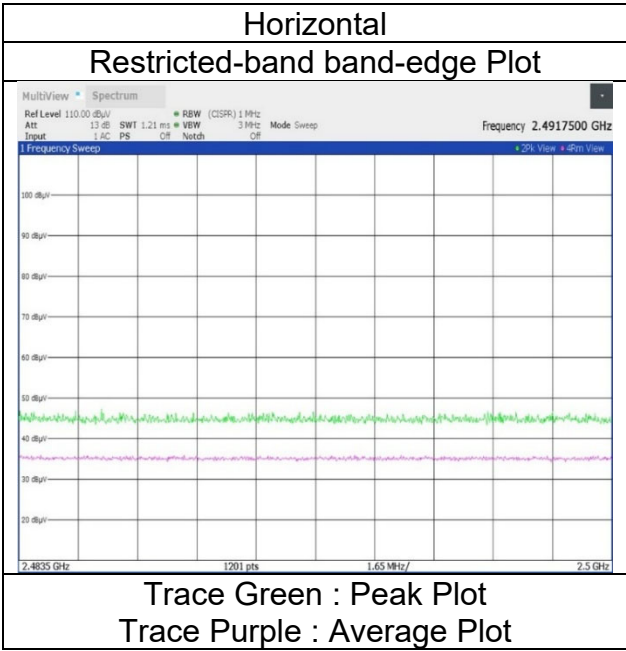
10 GHz to 40 GHz : $20\log(1.00[m] / 3.0[m]) = -9.54 [dB]$

Duty factor refer to "Burst rate confirmation" sheet.

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

Radiated Spurious Emission
(Reference Plot for band-edge)

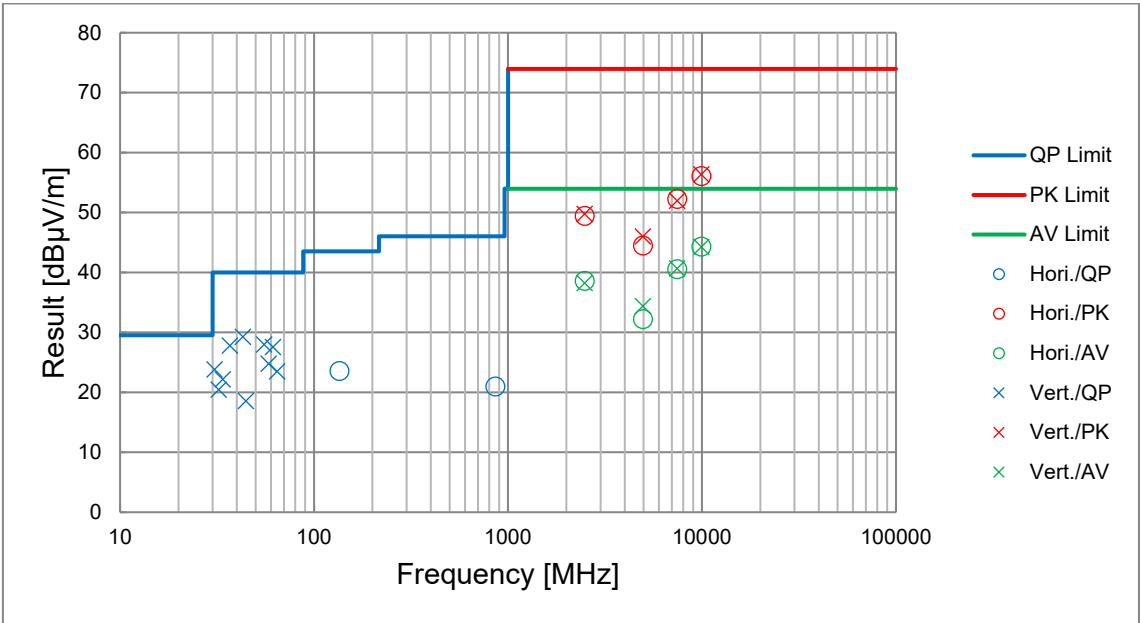
Mode	Tx, Hopping Off, 3DH5, 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 16, 2025	WAC2	22 deg. C	66 % RH	Takayuki Kobayashi	1 GHz to 10 GHz



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

Mode	Tx, Hopping Off, DH5, 2480 MHz				
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 16, 2025	WAC2	22 deg. C	66 % RH	Takayuki Kobayashi	1 GHz to 10 GHz
October 16, 2025	WAC2	23 deg. C	61 % RH	Yuta Shiba	10 GHz to 26.5 GHz
October 18, 2025	WAC2	23 deg. C	52 % RH	Masahide Ozaki	Below 1 GHz

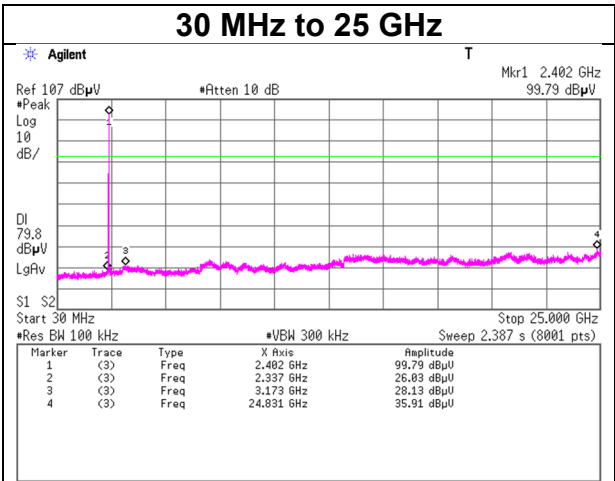
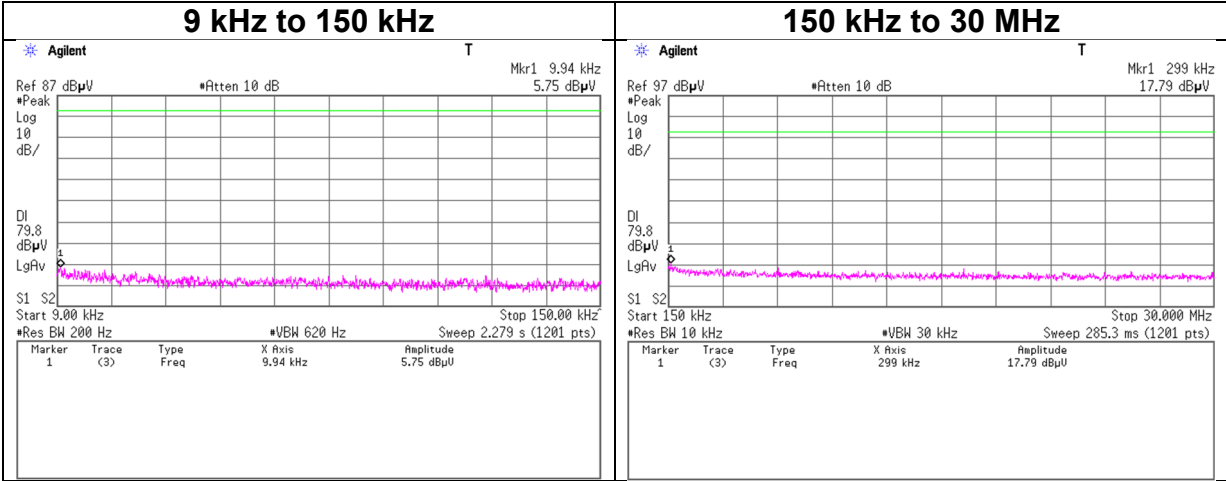


*These plots data contain sufficient number to show the trend of characteristic features for EUT.

Conducted Spurious Emission

Mode	Tx, Hopping Off, DH5			
Date	Test site	Temperature	Humidity	Engineer
October 25, 2025	SR5	24 deg. C	42 % RH	Masahide Ozaki

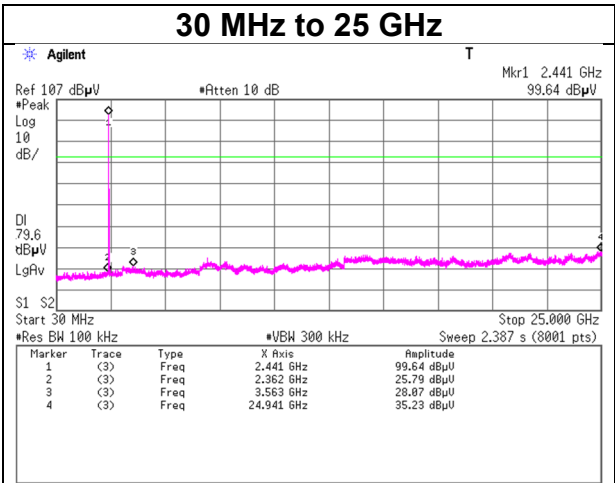
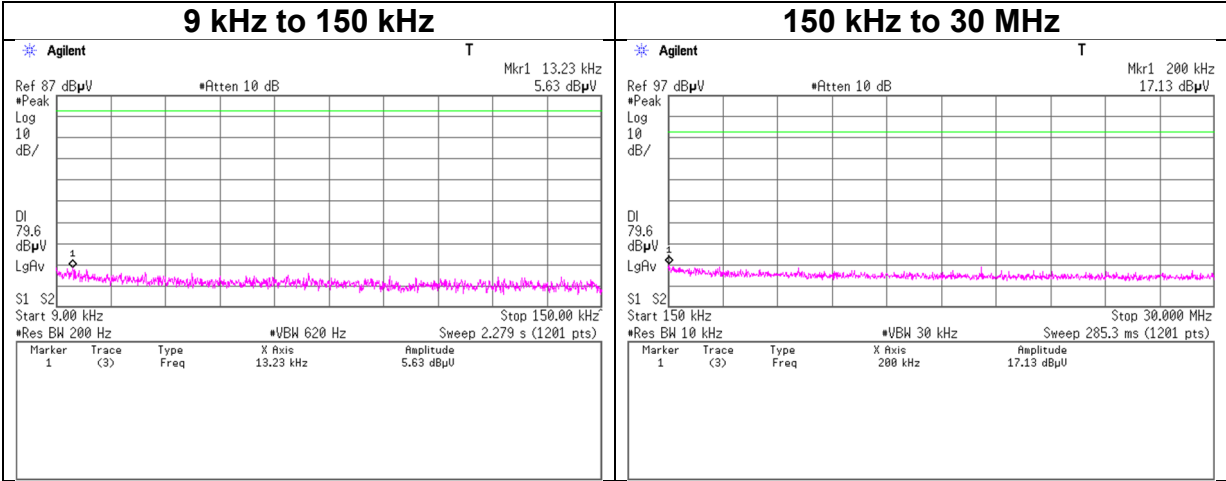
2402 MHz



Conducted Spurious Emission

Mode	Tx, Hopping Off, DH5			
Date	Test site	Temperature	Humidity	Engineer
October 25, 2025	SR5	24 deg. C	42 % RH	Masahide Ozaki

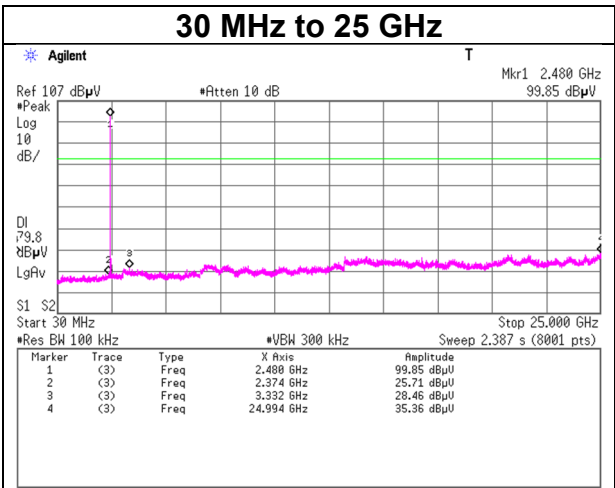
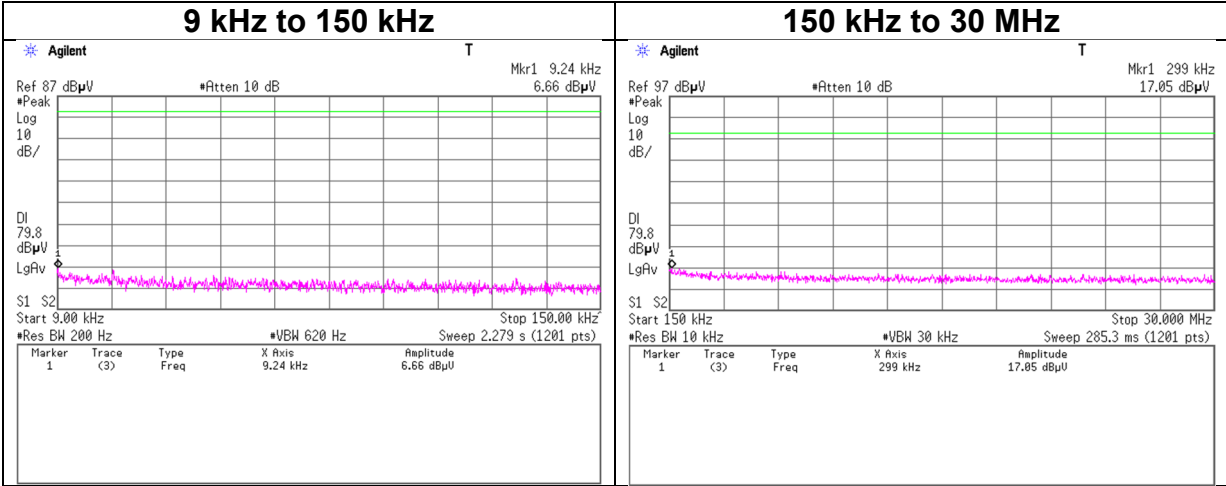
2441 MHz



Conducted Spurious Emission

Mode	Tx, Hopping Off, DH5			
Date	Test site	Temperature	Humidity	Engineer
October 25, 2025	SR5	24 deg. C	42 % RH	Masahide Ozaki

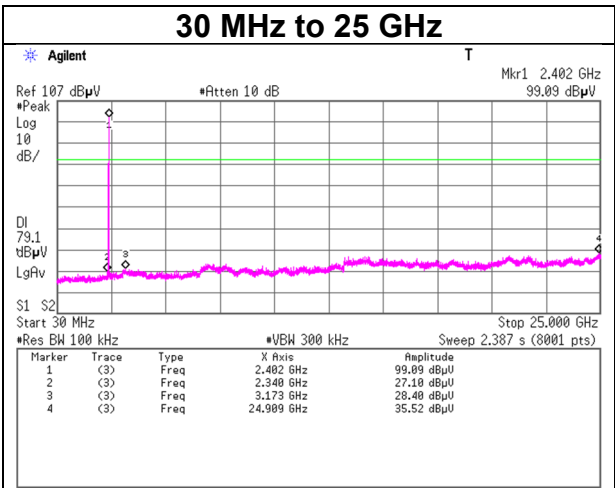
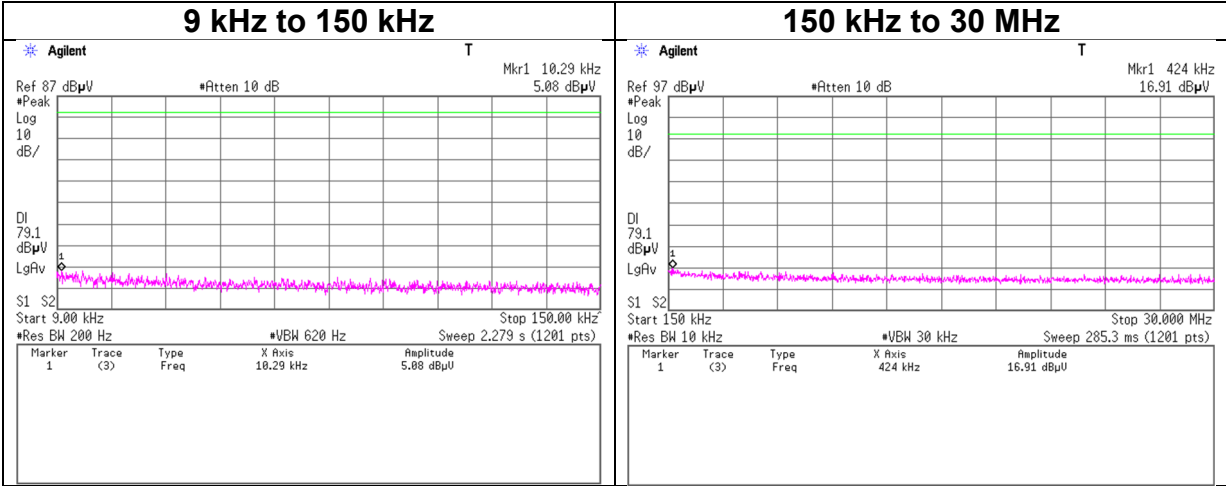
2480 MHz



Conducted Spurious Emission

Mode	Tx, Hopping Off, 3DH5			
Date	Test site	Temperature	Humidity	Engineer
October 25, 2025	SR5	24 deg. C	42 % RH	Masahide Ozaki

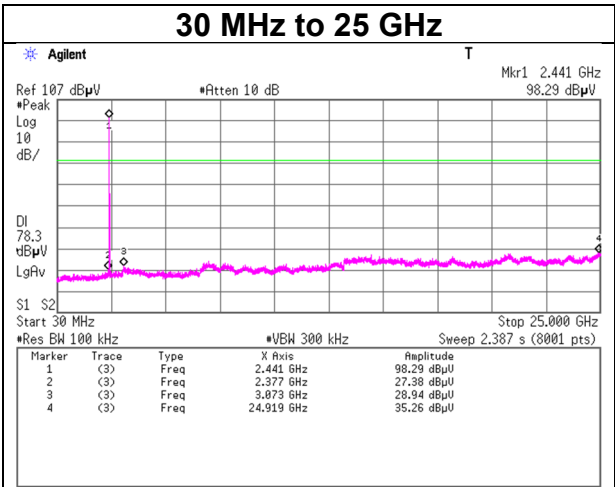
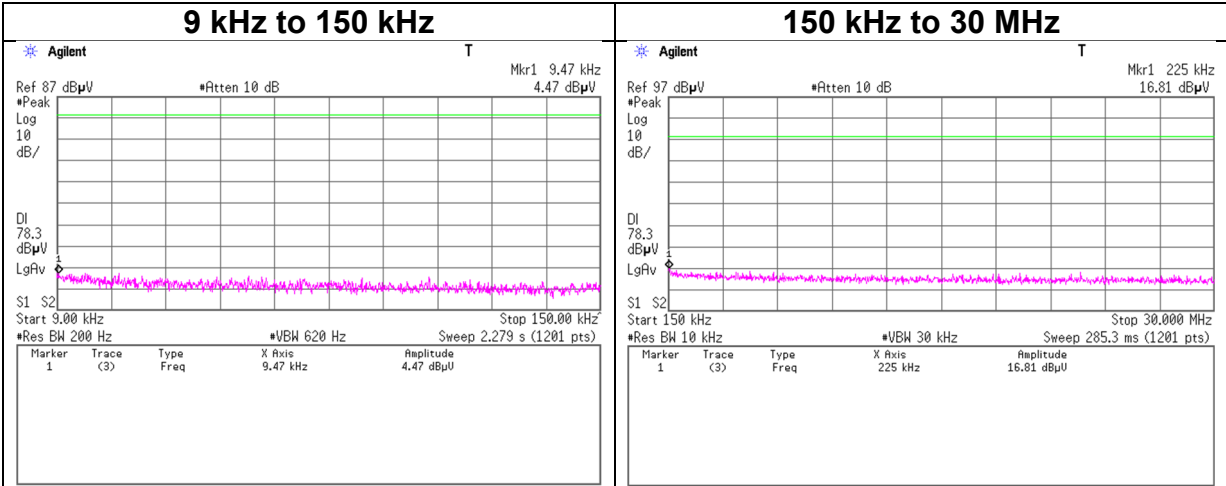
2402 MHz



Conducted Spurious Emission

Mode	Tx, Hopping Off, 3DH5			
Date	Test site	Temperature	Humidity	Engineer
October 25, 2025	SR5	24 deg. C	42 % RH	Masahide Ozaki

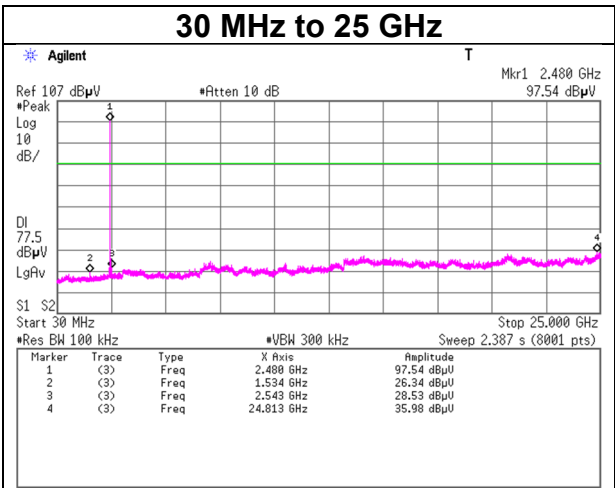
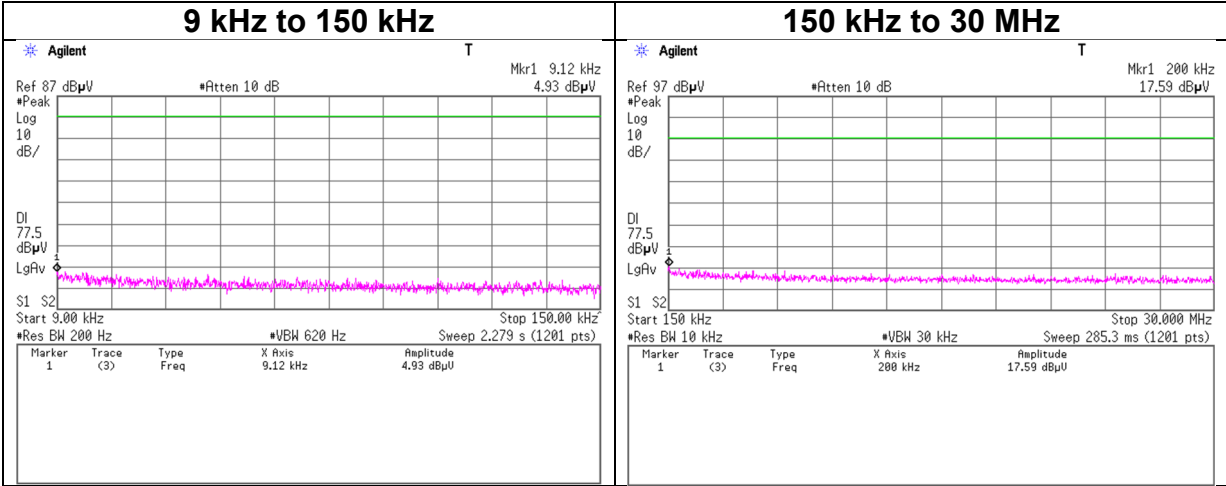
2441 MHz



Conducted Spurious Emission

Mode	Tx, Hopping Off, 3DH5			
Date	Test site	Temperature	Humidity	Engineer
October 25, 2025	SR5	24 deg. C	42 % RH	Masahide Ozaki

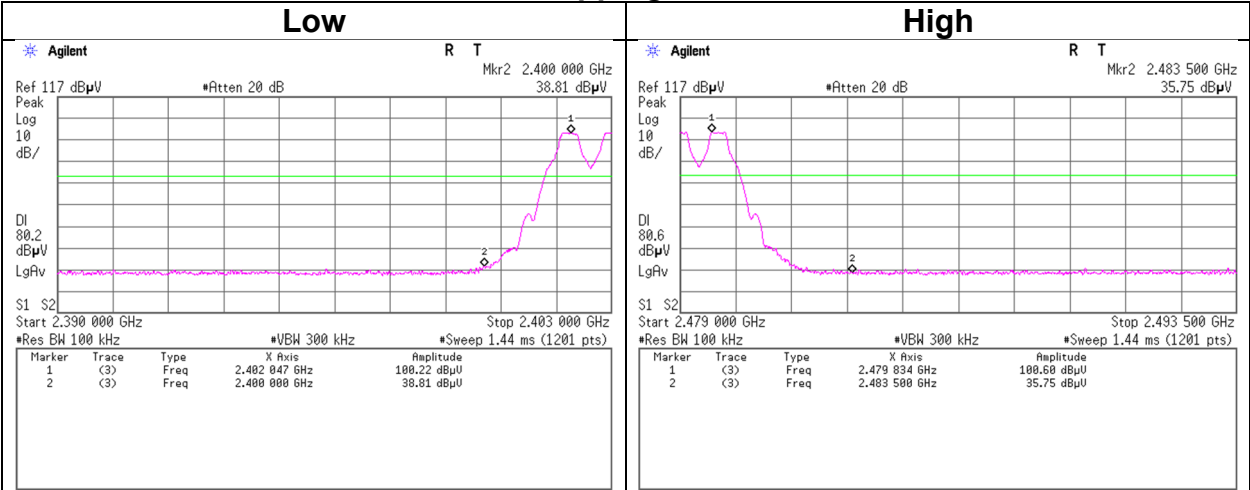
2480 MHz



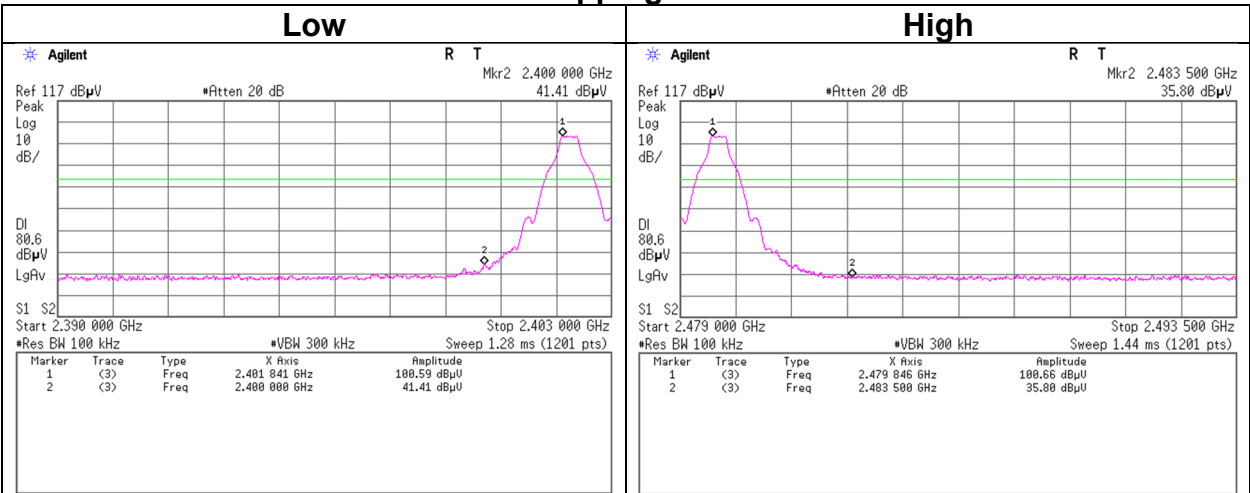
Conducted Emission Band Edge compliance

Mode	Tx, Hopping On / Off, DH5			
Date	Test site	Temperature	Humidity	Engineer
October 27, 2025	SR5	24 deg. C	60 % RH	Takayuki Kobayashi

Hopping On



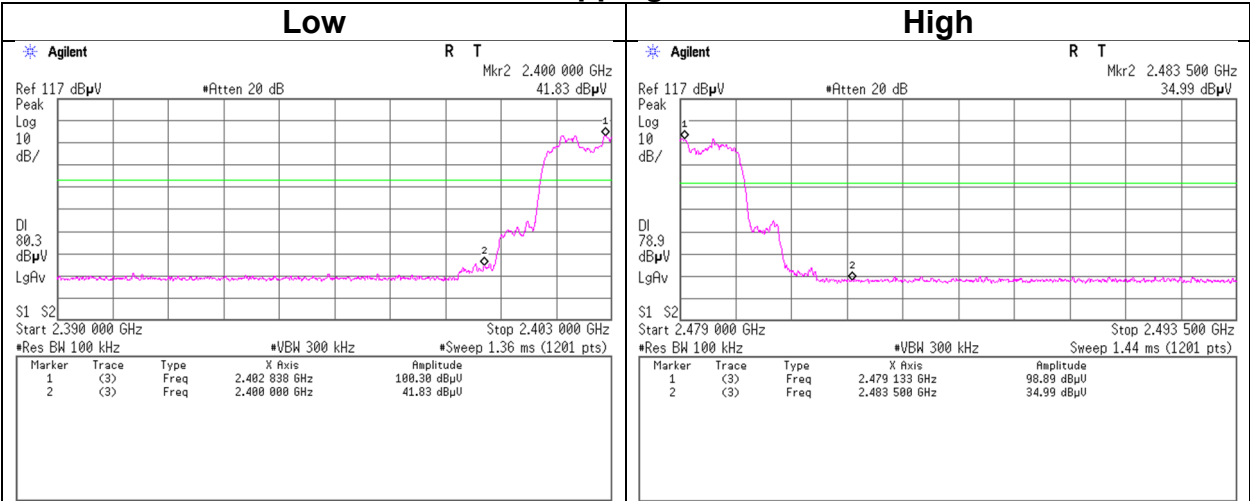
Hopping Off



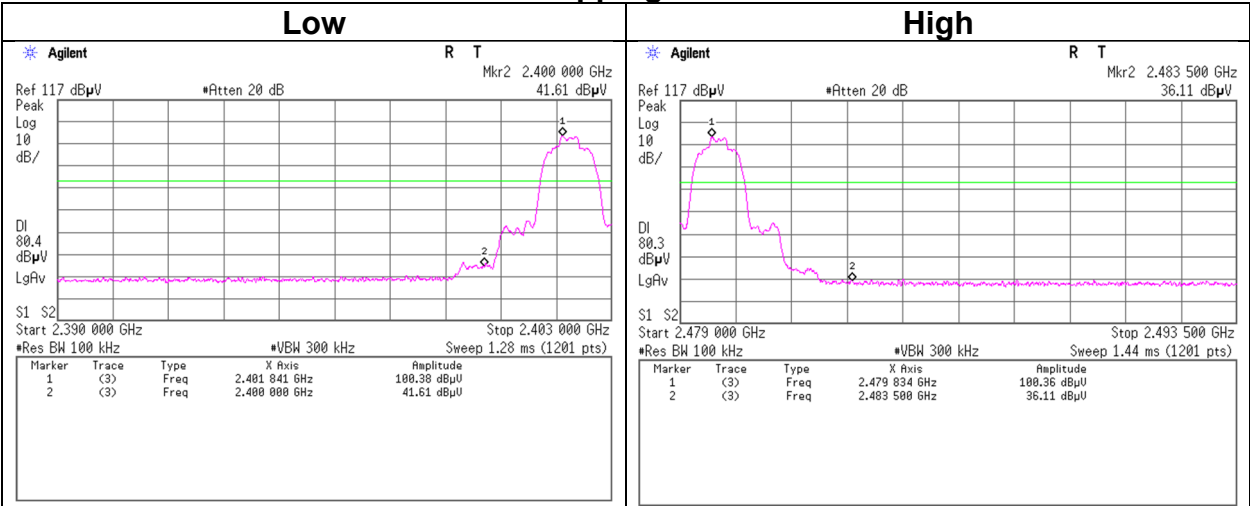
Conducted Emission Band Edge compliance

Mode	Tx, Hopping On / Off, 3DH5			
Date	Test site	Temperature	Humidity	Engineer
October 27, 2025	SR5	24 deg. C	60 % RH	Takayuki Kobayashi

Hopping On



Hopping Off



APPENDIX 2: Test Instruments

Test Equipment (1/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	145132	Attenuator	Weinschel Corp.	54A-10	W5692	2025/10/16	12
AT	204925	Attenuator	Weinschel Corp.	54A-10	109970	2025/02/18	12
AT	179106	Coaxial Cable	Junkosha	MWX241-01000KMSKMS/B	1901Q061-R	2025/04/15	12
AT	239651	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	2001219/2	2025/08/27	12
AT	146212	Digital Hitester	HIOKI E. E. CORPORATION	3805-50	80997828	2025/09/10	12
AT	146247	Power Meter	Keysight Technologies Inc	8990B	MY51000272	2025/05/20	12
AT	146310	Power sensor	Keysight Technologies Inc	N1923A	MY5326009	2025/05/20	12
AT	145800	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY48250106	2025/03/31	12
AT	150461	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY46186392	2025/08/07	12
AT	259713	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2025/04/11	12
AT	259714	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2025/04/11	12
CE	248304	Attenuator	JFW	50HFFA-006-2/18N	-	2025/05/14	12
CE	145035	Coaxial Cable	Suhner	RG223U	-	2025/04/05	12
CE	145113	Digital Multimeter	Agilent Technologies	U1251A	TW46350095	2025/09/11	12
CE	145539	LISN	Rohde & Schwarz	ENV216	100512	2025/02/01	12
CE	235715	Tape Measure	ASKUL	-	-	-	-
CE	146317	Thermo-Hygrometer	A&D Company	AD-5681	4063325	2025/08/15	12
CE,RE	170932	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3(RE,CE,ME,PE)	Ver 3.1.0612	-	-
CE,RE	235268	Test Receiver	Rohde & Schwarz	ESW44	103212	2024/12/18	12
RE	199783	Attenuator	JFW	50HF-006N	-	2025/06/04	12
RE	239787	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHBB 9124+BBA9106	01908	2025/08/14	12
RE	236709	Coaxial Cable	Hayashi-Repic co., Ltd.	NMS079B-GL310C-SMS117B-2m	47256-02-04	2025/05/28	12
RE	236711	Coaxial Cable	Hayashi-Repic co., Ltd.	KMS020B-GL140sE-KMS020B-7.0m	47256-03-02	2025/05/27	12
RE	236720	Coaxial Cable	Huber+Suhner	SF106/SF106/SF106	2001167/2001168/2001161	2025/05/28	12
RE	236724	Coaxial Cable	Hayashi-Repic co., Ltd.	SF106(HUBER+SUHNER)/LMR400UF/GL310C/GL310C	2000430/47753-2/47256-01-04/47256-01-02	2025/05/12	12
RE	236756	Coaxial Cable	Huber+Suhner	SF106/11N/11N/6000	2001167	2025/05/28	12
RE	239644	Coaxial Cable	Junkosha	MWX221-01000NFSNMS/B	2306S022	2025/08/27	12
RE	243210	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-NFS13-1.0m	49190-01-02	2024/12/05	12
RE	264042	Coaxial Cable	Hayashi-Repic co., Ltd.	SMS13-13A26-SFS13-0.5m	53292-01-02	2025/06/20	12
RE	235640	DIGITAL MULTIMETER	HIOKI E. E. CORPORATION	DT4261	230313157	2025/05/22	12
RE	146351	Horn Antenna	EMCO	3160-09	1278	2025/05/26	12
RE	236584	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000112	2025/04/25	12
RE	236687	Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	788	2025/04/25	12
RE	145528	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	195	2025/03/18	12
RE	145008	Pre Amplifier	Toyo Corporation	HAP18-26W	18	2025/09/26	12
RE	236967	Pre Amplifier	TSJ (Techno Science Japan)	MLA-9K01-L01	23050010	2025/06/04	12

Test Equipment (2/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	237786	RF RELAY MATRIX with preamplifier	TSJ (Techno Science Japan)	RFM-E221261R	07796	2024/11/12	12
RE	236615	Semi-Anechoic Chamber	TDK	SWAC-02(NSA)	2	2025/05/12	12
RE	236617	Semi-Anechoic Chamber	TDK	SWAC-02(SVSWR)	2	2025/06/13	12
RE	207281	Tape Measure	ASKUL	-	-	-	-
RE	235738	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2025/04/16	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

CE: Conducted Emission

RE: Radiated Emission