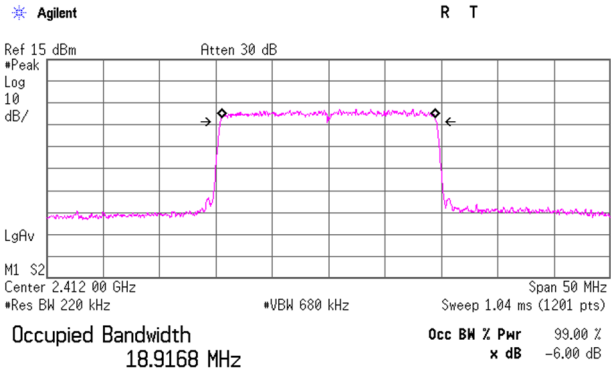
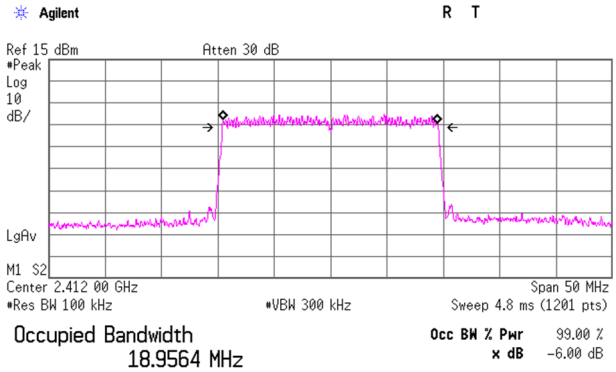
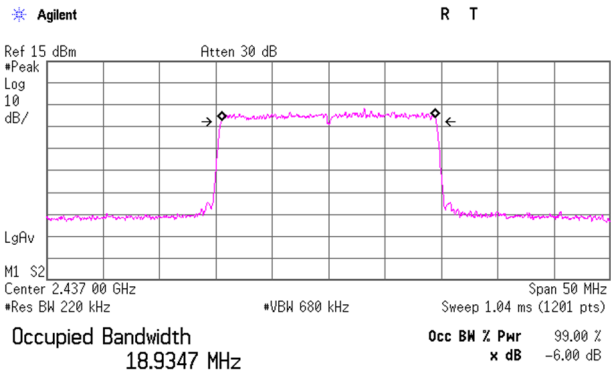
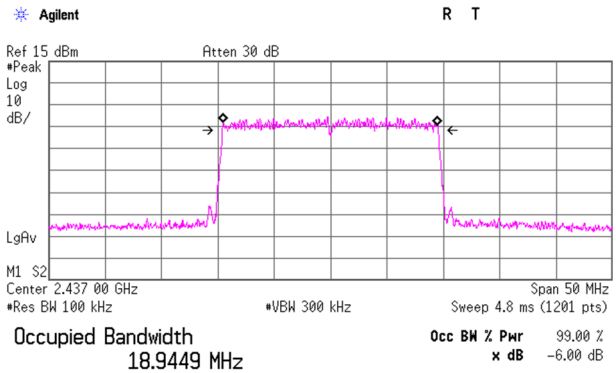
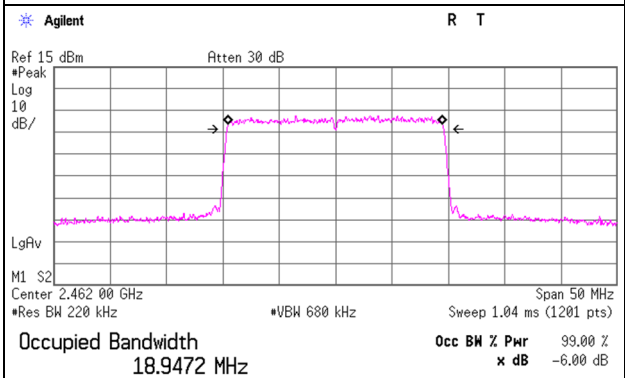
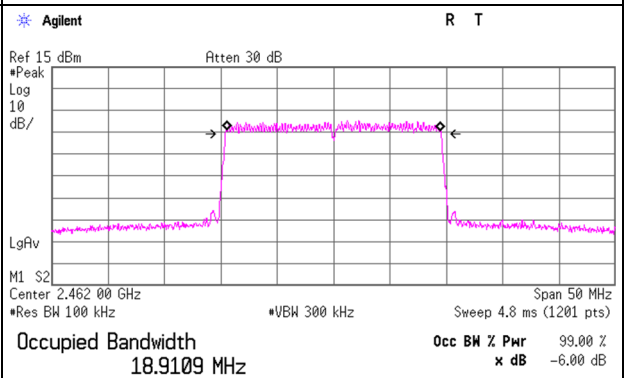
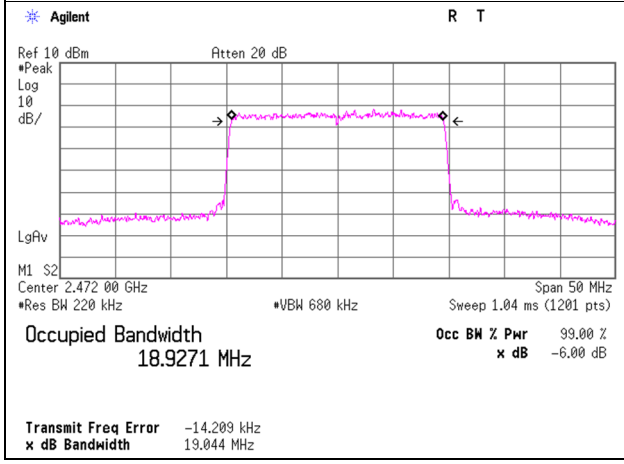
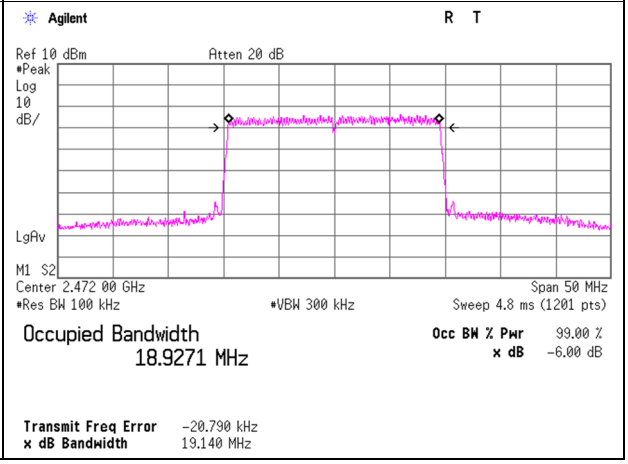
99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDMA)(SDM), 242-tone RU

99 % Occupied Bandwidth	6 dB Bandwidth
2412 MHz	2412 MHz
RU Index 61	RU Index 61
	
2437 MHz	2437 MHz
RU Index 61	RU Index 61
	
2462 MHz	2462 MHz
RU Index 61	RU Index 61
	

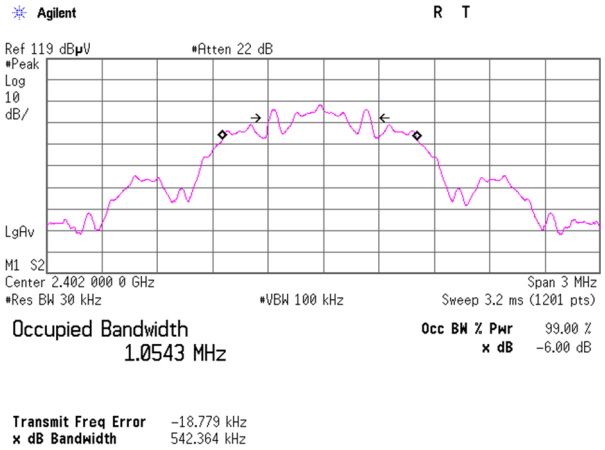
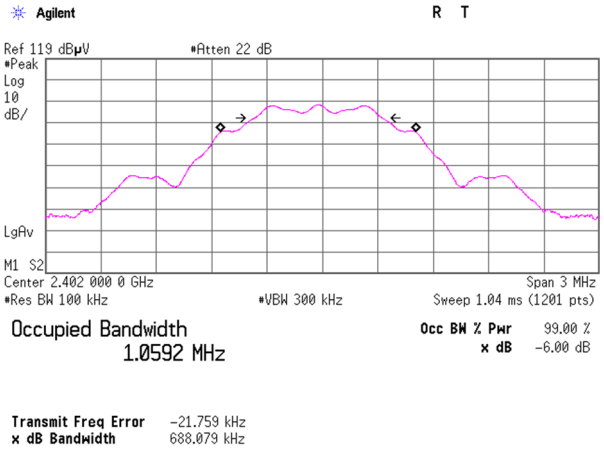
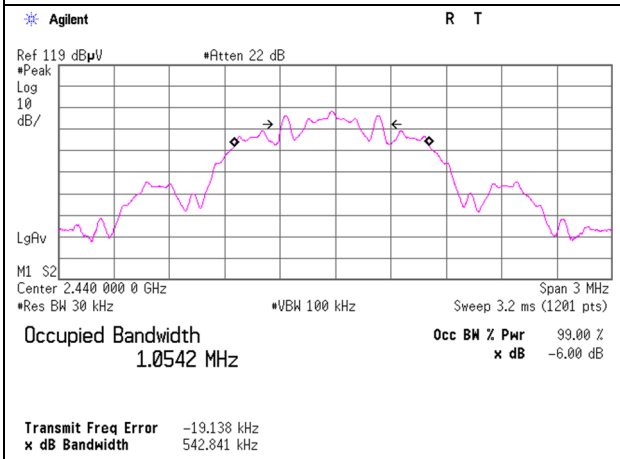
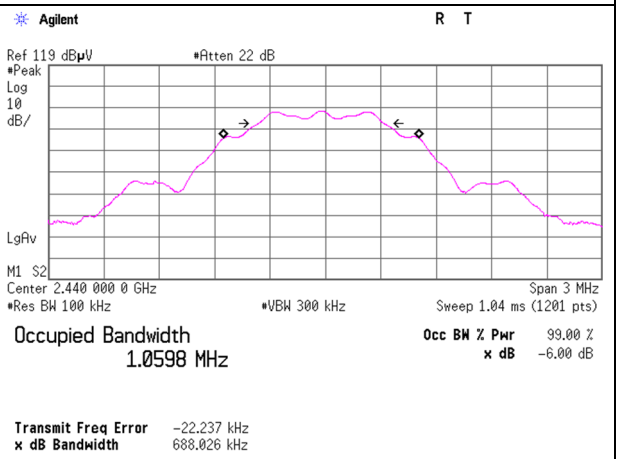
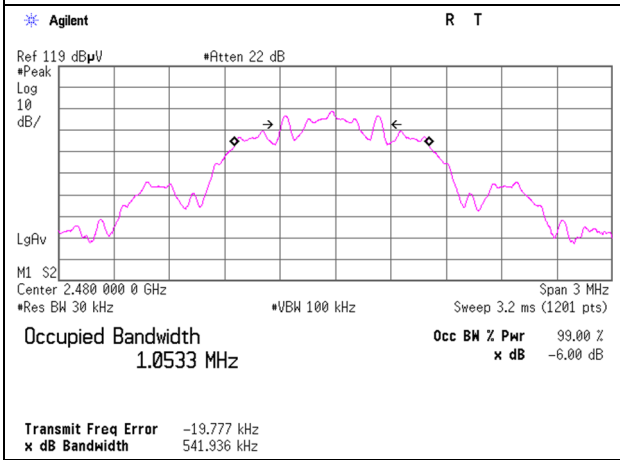
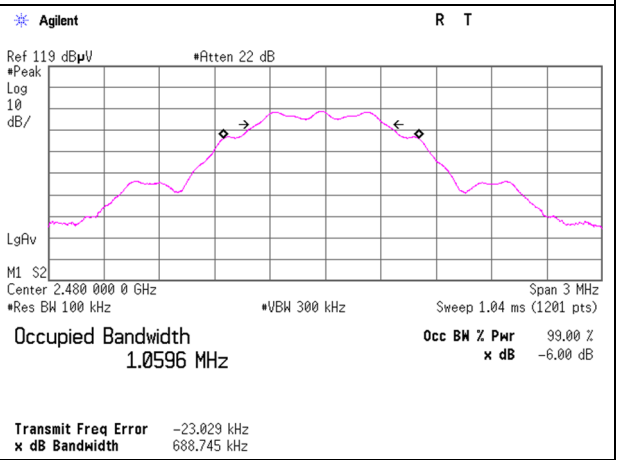
99 % Occupied Bandwidth and 6 dB Bandwidth

11ax-20(OFDMA)(SDM), 242-tone RU

99 % Occupied Bandwidth	6 dB Bandwidth
2472 MHz	2472 MHz
RU Index 61	RU Index 61
	

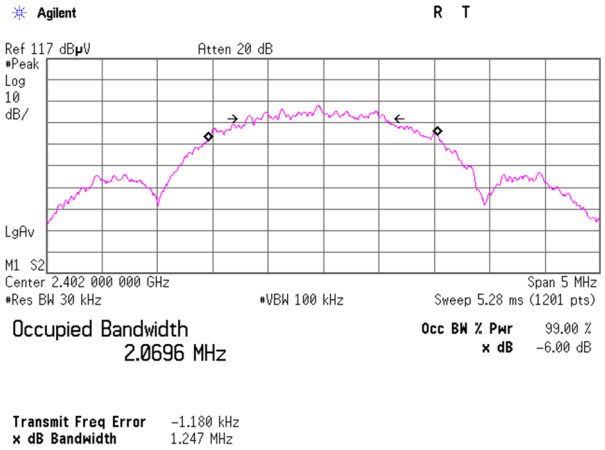
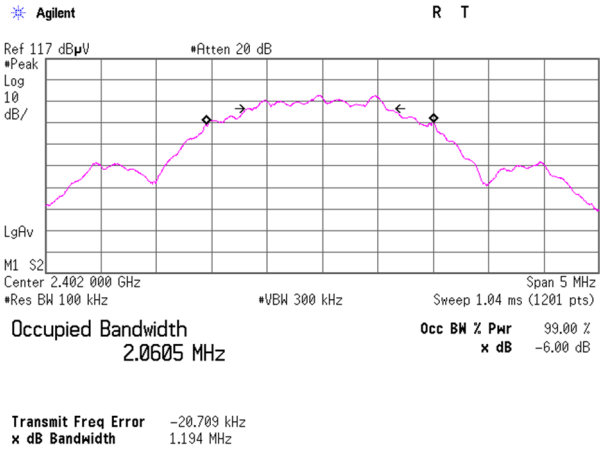
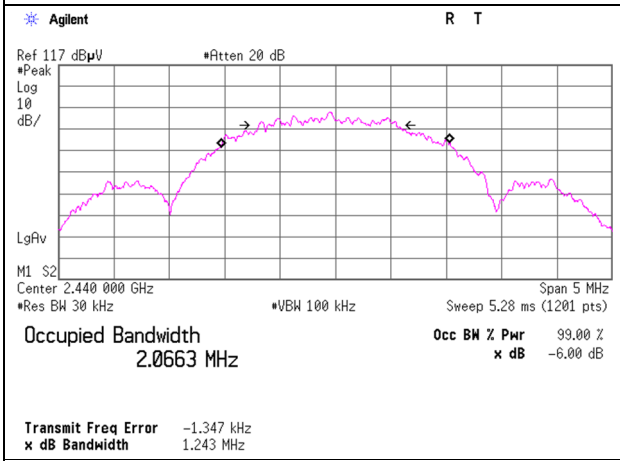
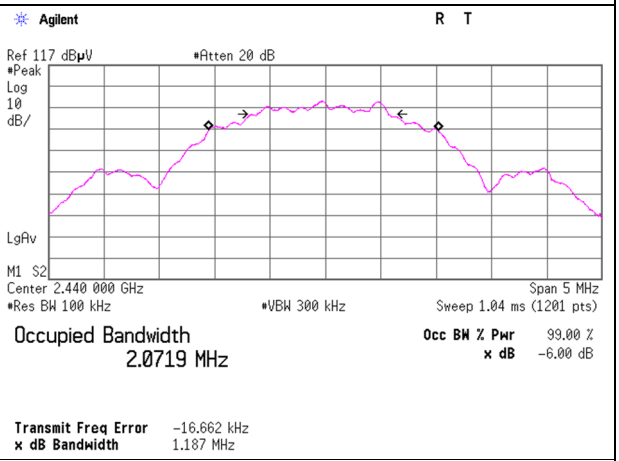
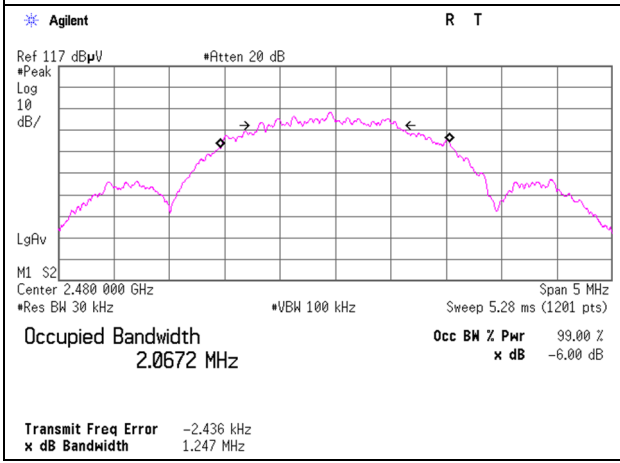
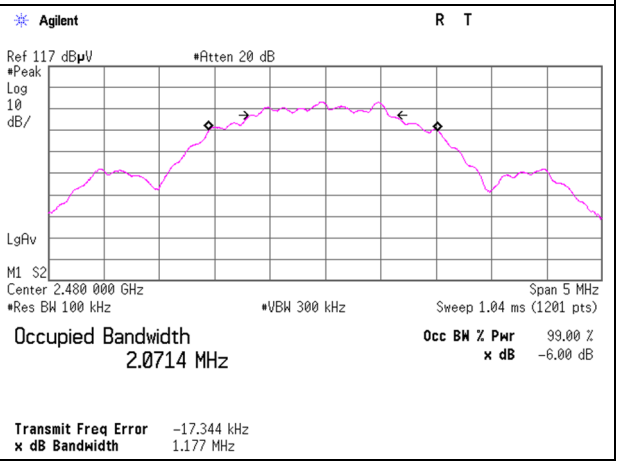
99 % Occupied Bandwidth and 6 dB Bandwidth

BT LE coded S = 8

99 % Occupied Bandwidth	6 dB Bandwidth
2402 MHz	2402 MHz
	
2440 MHz	2440 MHz
	
2480 MHz	2480 MHz
	

99 % Occupied Bandwidth and 6 dB Bandwidth

BT LE 2M-PHY

99 % Occupied Bandwidth	6 dB Bandwidth
2402 MHz	2402 MHz
	
2440 MHz	2440 MHz
	
2480 MHz	2480 MHz
	

Maximum Peak Output Power

Mode	Tx 11b, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 15, 2025	MR1	23 deg.C	56 %RH	Miku Ikudome
July 31, 2025	MR1	25 deg.C	49 %RH	Yosuke Murakami

11b

Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Result		Limit		Margin	Antenna Gain	Result		Limit		Margin
[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]	[dBi]	[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	3.07	1.65	10.17	14.89	30.84	30.00	1000.00	15.11	-1.83	13.06	20.24	36.02	4000.00	22.96
2437	3.10	1.65	10.17	14.93	31.12	30.00	1000.00	15.07	-1.83	13.10	20.42	36.02	4000.00	22.92
2462	3.21	1.66	10.17	**15.04**	31.92	30.00	1000.00	14.96	-1.83	**13.21**	20.95	36.02	4000.00	22.81
2467	1.12	1.66	10.17	12.95	19.73	30.00	1000.00	17.05	-1.83	**11.12**	12.95	36.02	4000.00	24.90
2472	0.92	1.66	10.17	12.75	18.84	30.00	1000.00	17.25	-1.83	10.92	12.36	36.02	4000.00	25.10

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Worst rate check (2412 MHz)

Antenna	Rate [Mbps]	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Remark
Ant 0	1	-	2.74	1.65	10.17	14.56	28.58	-
	2	-	2.90	1.65	10.17	14.72	29.65	-
	6	-	2.99	1.65	10.17	14.81	30.27	-
	11	-	3.07	1.65	10.17	14.89	30.83	*
Ant 2	1	-	3.00	1.65	9.88	14.53	28.38	-
	2	-	3.16	1.65	9.88	14.69	29.44	-
	6	-	3.24	1.65	9.88	14.77	29.99	-
	11	-	3.33	1.65	9.88	14.86	30.62	-

*Worst Rate
Sample Calculation:
Result = Reading + Cable Loss + Attenuator Loss

Mode	Tx 11b, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11b

Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Result		Limit		Margin	Antenna Gain	Result		Limit		Margin
[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]	[dBi]	[dBm]	[mW]	[dBm]	[mW]	[dB]
2412	-16.64	1.67	0.00	-14.97	0.04	30.00	1000.00	44.97	-1.83	-16.80	0.03	36.02	4000.00	52.82
2437	-16.18	1.68	0.00	-14.51	0.04	30.00	1000.00	44.51	-1.83	-16.34	0.03	36.02	4000.00	52.36
2472	-16.11	1.68	0.00	**-14.43**	0.04	30.00	1000.00	44.43	-1.83	**-16.26**	0.03	36.02	4000.00	52.28

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Maximum Peak Output Power

Mode	Tx 11g, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 15, 2025	MR1	23 deg.C	56 %RH	Miku Ikudome
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11g

Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]	Antenna Gain [dBi]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
2412	12.88	1.65	10.17	**24.70**	295.13	30.00	1000.00	5.30	-1.83	**22.87**	193.65	36.02	4000.00	13.15
2437	11.08	1.65	10.17	22.91	195.44	30.00	1000.00	7.09	-1.83	21.08	128.24	36.02	4000.00	14.94
2462	10.72	1.66	10.17	22.55	179.89	30.00	1000.00	7.45	-1.83	20.72	118.04	36.02	4000.00	15.30
2467	8.80	1.66	10.17	**20.63**	115.62	30.00	1000.00	9.37	-1.83	**18.80**	75.86	36.02	4000.00	17.22
2472	8.77	1.66	10.17	20.60	114.82	30.00	1000.00	9.40	-1.83	18.77	75.34	36.02	4000.00	17.25

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Worst rate check (2412 MHz)

Antenna	Rate [Mbps]	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Remark
Ant 0	6	-	12.14	1.65	10.17	23.96	248.89	-
	9	-	10.60	1.65	10.17	22.42	174.58	-
	12	-	10.51	1.65	10.17	22.33	171.00	-
	18	-	10.66	1.65	10.17	22.48	177.01	-
	24	-	10.77	1.65	10.17	22.59	181.55	-
	36	-	10.85	1.65	10.17	22.67	184.93	-
	48	-	12.31	1.65	10.17	24.13	258.82	-
	54	-	12.88	1.65	10.17	24.70	295.12	*
Ant 2	6	-	12.77	1.65	9.88	24.30	269.15	-
	9	-	12.37	1.65	9.88	23.90	245.47	-
	12	-	12.29	1.65	9.88	23.82	240.99	-
	18	-	12.47	1.65	9.88	24.00	251.19	-
	24	-	12.41	1.65	9.88	23.94	247.74	-
	36	-	12.31	1.65	9.88	23.84	242.10	-
	48	-	12.86	1.65	9.88	24.39	274.79	-
	54	-	12.88	1.65	9.88	24.41	276.06	-

*Worst Rate
Sample Calculation:
Result = Reading + Cable Loss + Attenuator Loss

Mode	Tx 11g, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11g

Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]	Antenna Gain [dBi]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
2412	-10.45	1.67	0.00	-8.78	0.14	30.00	1000.00	38.78	-1.83	-10.61	0.09	36.02	4000.00	46.63
2437	-10.13	1.68	0.00	-8.46	0.15	30.00	1000.00	38.46	-1.83	-10.29	0.10	36.02	4000.00	46.31
2472	-9.94	1.68	0.00	**-8.26**	0.15	30.00	1000.00	38.26	-1.83	**-10.09**	0.10	36.02	4000.00	46.11

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Maximum Peak Output Power

Mode	Tx 11n-20, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 16, 2025	MR1	24 deg.C	57 %RH	Miku Ikudome
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11n-20
Antenna Port: Ant 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2412	12.70	1.65	10.17	**24.52**	283.14	30.00	1000.00	5.48	-1.83	**22.69**	185.79	36.02	4000.00	13.33
2437	11.07	1.65	10.17	22.90	194.99	30.00	1000.00	7.10	-1.83	21.07	127.94	36.02	4000.00	14.95
2462	11.18	1.66	10.17	23.01	199.99	30.00	1000.00	6.99	-1.83	21.18	131.22	36.02	4000.00	14.84
2467	9.06	1.66	10.17	20.89	122.75	30.00	1000.00	9.11	-1.83	19.06	80.54	36.02	4000.00	16.96
2472	9.10	1.66	10.17	**20.93**	123.88	30.00	1000.00	9.07	-1.83	**19.10**	81.29	36.02	4000.00	16.92

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Worst rate check (2412 MHz)

Antenna	MCS Index	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Remark
Ant 0	0	-	11.99	1.65	10.17	23.81	240.44	-
	1	-	11.51	1.65	10.17	23.33	215.28	-
	2	-	10.55	1.65	10.17	22.37	172.58	-
	3	-	10.76	1.65	10.17	22.58	181.13	-
	4	-	11.03	1.65	10.17	22.85	192.75	-
	5	-	12.22	1.65	10.17	24.04	253.51	-
	6	-	12.58	1.65	10.17	24.40	275.42	-
	7	-	12.70	1.65	10.17	24.52	283.14	*
Ant 2	0	-	12.48	1.65	9.88	24.01	251.77	-
	1	-	12.37	1.65	9.88	23.90	245.47	-
	2	-	12.44	1.65	9.88	23.97	249.46	-
	3	-	12.40	1.65	9.88	23.93	247.17	-
	4	-	12.35	1.65	9.88	23.88	244.34	-
	5	-	12.73	1.65	9.88	24.26	266.69	-
	6	-	12.80	1.65	9.88	24.33	271.02	-
	7	-	12.88	1.65	9.88	24.41	276.06	-

*Worst MCS
Sample Calculation:
Result = Reading + Cable Loss + Attenuator Loss

Mode	Tx 11n-20, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11n-20
Antenna Port: Ant 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2412	-10.38	1.67	0.00	-8.71	0.14	30.00	1000.00	38.71	-1.83	-10.54	0.09	36.02	4000.00	46.56
2437	-10.24	1.68	0.00	-8.57	0.14	30.00	1000.00	38.57	-1.83	-10.40	0.10	36.02	4000.00	46.42
2472	-10.09	1.68	0.00	**-8.41**	0.15	30.00	1000.00	38.41	-1.83	**-10.24**	0.10	36.02	4000.00	46.26

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Maximum Peak Output Power

Mode	Tx 11n-20(SDM), Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 16, 2025	MR1	24 deg.C	57 %RH	Miku Ikudome
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11n-20(SDM)
Ant 0 + Ant 2

Tested Freq.	Conducted power						e.i.r.p. for RSS-247					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	Ant 0	Ant 2	Sum				Ant 0	Ant 2	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
2412	180.98	169.56	350.54	25.45	30.00	4.55	118.75	86.16	204.91	23.12	36.02	12.90
2437	185.89	172.89	358.78	**25.55**	30.00	4.45	121.97	87.86	209.83	**23.22**	36.02	12.80
2462	172.54	164.90	337.45	25.29	30.00	4.71	113.21	83.80	197.01	22.95	36.02	13.07
2467	67.91	64.02	131.93	**21.21**	30.00	8.79	44.56	32.53	77.09	**18.87**	36.02	17.15
2472	62.07	59.19	121.26	20.84	30.00	9.16	40.73	30.08	70.81	18.51	36.02	17.51

	Ant 0						**Ant 2**					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
2412	10.76	1.65	10.17	-1.83	22.58	20.75	10.77	1.65	9.88	-2.94	22.29	19.35
2437	10.87	1.65	10.17	-1.83	22.69	20.86	10.85	1.65	9.88	-2.94	22.38	19.44
2462	10.54	1.66	10.17	-1.83	22.37	20.54	10.64	1.65	9.88	-2.94	22.17	19.23
2467	6.49	1.66	10.17	-1.83	18.32	16.49	6.54	1.65	9.88	-2.94	18.06	15.12
2472	6.10	1.66	10.17	-1.83	17.93	16.10	6.19	1.65	9.88	-2.94	17.72	14.78

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain

Worst rate check (2412 MHz)

MCS Index	Ant 0					Ant 2					Total Result Power		Remark
	Reading	Cable Loss	Atten. Loss	Result		Reading	Cable Loss	Atten. Loss	Result				
	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	
8	10.07	1.65	10.17	21.89	154.40	10.20	1.65	9.88	21.72	148.70	24.82	303.10	-
9	9.83	1.65	10.17	21.65	146.10	10.03	1.65	9.88	21.55	142.99	24.62	289.09	-
10	9.97	1.65	10.17	21.79	150.88	10.22	1.65	9.88	21.74	149.39	24.78	300.27	-
11	9.86	1.65	10.17	21.67	146.97	10.01	1.65	9.88	21.53	142.34	24.62	289.31	-
12	10.10	1.65	10.17	21.92	155.47	10.38	1.65	9.88	21.90	154.99	24.93	310.46	-
13	10.63	1.65	10.17	22.45	175.65	10.67	1.65	9.88	22.19	165.70	25.34	341.34	-
14	10.52	1.65	10.17	22.34	171.25	10.59	1.65	9.88	22.11	162.67	25.24	333.93	-
15	10.76	1.65	10.17	22.58	180.98	10.77	1.65	9.88	22.29	169.56	25.45	350.54	*

*Worst MCS
Sample Calculation:
Result = Reading + Cable Loss + Attenuator Loss

Mode	Tx 11n-20(SDM), Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11n-20(SDM)
Ant 0 + Ant 2

Tested Freq.	Conducted power						e.i.r.p. for RSS-247					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	Ant 0	Ant 2	Sum				Ant 0	Ant 2	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
2412	0.11	0.13	0.23	-6.31	30.00	36.31	0.07	0.06	0.13	-8.70	36.02	44.72
2437	0.12	0.13	0.25	-6.01	30.00	36.01	0.08	0.07	0.14	-8.39	36.02	44.41
2472	0.12	0.14	0.26	**-5.78**	30.00	35.78	0.08	0.07	0.15	**-8.18**	36.02	44.20

	Ant 0						**Ant 2**					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
2412	-11.34	1.67	0.00	-1.83	-9.67	-11.50	-10.67	1.67	0.00	-2.94	-9.00	-11.94
2437	-10.97	1.68	0.00	-1.83	-9.29	-11.12	-10.43	1.68	0.00	-2.94	-8.75	-11.69
2472	-10.87	1.68	0.00	-1.83	-9.19	-11.02	-10.10	1.68	0.00	-2.94	-8.42	-11.36

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain
Directional Gain = G_{ANT} + Array Gain
Array Gain = 0 dB (i.e., no array gain) N_{ANT} <= 4, N_{ANT} = number of transmit antennas = 2

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDM)(SISO), Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 16, 2025	MR1	24 deg.C	57 %RH	Miku Ikudome
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDM)(SISO)
Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]	Antenna Gain [dBi]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
2412	12.01	1.65	10.17	23.83	241.55	30.00	1000.00	6.17	-1.83	22.00	158.49	36.02	4000.00	14.02
2437	11.88	1.65	10.17	23.71	234.97	30.00	1000.00	6.29	-1.83	21.88	154.18	36.02	4000.00	14.14
2462	12.11	1.66	10.17	**23.94**	247.75	30.00	1000.00	6.06	-1.83	**22.11**	162.56	36.02	4000.00	13.91
2467	9.09	1.66	10.17	20.92	123.60	30.00	1000.00	9.08	-1.83	19.09	81.10	36.02	4000.00	16.93
2472	9.13	1.66	10.17	**20.96**	124.74	30.00	1000.00	9.04	-1.83	**19.13**	81.85	36.02	4000.00	16.89

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Worst rate check (2412 MHz)

Antenna	MCS Index	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Remark
Ant 0	0 (1SS)	-	11.18	1.65	10.17	23.00	199.53	-
	1 (1SS)	-	11.49	1.65	10.17	23.31	214.29	-
	2 (1SS)	-	11.67	1.65	10.17	23.49	223.36	-
	3 (1SS)	-	11.90	1.65	10.17	23.72	235.50	-
	4 (1SS)	-	12.00	1.65	10.17	23.82	240.99	-
	5 (1SS)	-	12.31	1.65	10.17	24.13	258.82	-
	6 (1SS)	-	12.46	1.65	10.17	24.28	267.92	-
	7 (1SS)	-	13.11	1.65	10.17	24.93	311.17	-
	8 (1SS)	-	13.44	1.65	10.17	25.26	335.74	-
	9 (1SS)	-	13.58	1.65	10.17	25.40	346.74	-
	10 (1SS)	-	13.60	1.65	10.17	25.42	348.34	-
	11 (1SS)	-	13.68	1.65	10.17	25.50	354.81	*
Ant 2	0 (1SS)	-	12.74	1.65	9.88	24.27	267.30	-
	1 (1SS)	-	12.69	1.65	9.88	24.22	264.24	-
	2 (1SS)	-	12.67	1.65	9.88	24.20	263.03	-
	3 (1SS)	-	12.80	1.65	9.88	24.33	271.02	-
	4 (1SS)	-	12.80	1.65	9.88	24.33	271.02	-
	5 (1SS)	-	13.01	1.65	9.88	24.54	284.45	-
	6 (1SS)	-	12.85	1.65	9.88	24.38	274.16	-
	7 (1SS)	-	13.21	1.65	9.88	24.74	297.85	-
	8 (1SS)	-	13.04	1.65	9.88	24.57	286.42	-
	9 (1SS)	-	13.13	1.65	9.88	24.66	292.42	-
	10 (1SS)	-	12.78	1.65	9.88	24.31	269.77	-
	11 (1SS)	-	13.01	1.65	9.88	24.54	284.45	-

Worst MCS (SS: Spatial Stream)
Sample Calculation:
Result = Reading + Cable Loss + Attenuator Loss

Mode	Tx 11ax-20(OFDM)(SISO), Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDM)(SISO)
Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]	Antenna Gain [dBi]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
2412	-12.44	1.67	0.00	-10.77	0.09	30.00	1000.00	40.77	-1.83	-12.60	0.06	36.02	4000.00	48.62
2437	-12.18	1.68	0.00	-10.51	0.09	30.00	1000.00	40.51	-1.83	-12.34	0.06	36.02	4000.00	48.36
2472	-11.92	1.68	0.00	**-10.24**	0.10	30.00	1000.00	40.24	-1.83	**-12.07**	0.07	36.02	4000.00	48.09

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDM)(SDM), Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 16, 2025	MR1	24 deg.C	57 %RH	Miku Ikudome
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDM)(SDM)

Ant 0 + Ant 2

Tested Freq.	Conducted power						e.i.r.p. for RSS-247					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	Ant 0	Ant 2	Sum				Ant 0	Ant 2	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
2412	227.84	225.59	453.43	**26.57**	30.00	3.43	149.50	114.63	264.13	**24.22**	36.02	11.80
2437	225.04	221.70	446.74	26.51	30.00	3.49	147.66	112.66	260.32	24.16	36.02	11.86
2462	221.26	216.88	438.14	26.42	30.00	3.58	145.18	110.21	255.39	24.08	36.02	11.94
2467	87.48	75.39	162.87	22.12	30.00	7.88	57.40	38.31	95.71	19.81	36.02	16.21
2472	88.49	77.31	165.80	**22.20**	30.00	7.80	58.06	39.28	97.35	**19.89**	36.02	16.13

	Ant 0						**Ant 2**					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
2412	11.76	1.65	10.17	-1.83	23.58	21.75	12.01	1.65	9.88	-2.94	23.53	20.59
2437	11.70	1.65	10.17	-1.83	23.52	21.69	11.93	1.65	9.88	-2.94	23.46	20.52
2462	11.62	1.66	10.17	-1.83	23.45	21.62	11.83	1.65	9.88	-2.94	23.36	20.42
2467	7.59	1.66	10.17	-1.83	19.42	17.59	7.25	1.65	9.88	-2.94	18.77	15.83
2472	7.64	1.66	10.17	-1.83	19.47	17.64	7.35	1.65	9.88	-2.94	18.88	15.94

Sample Calculation:

Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

e.i.r.p. Result = Conducted Power Result + Directional Gain

Worst rate check (2412 MHz)

MCS Index	Ant 0					Ant 2					Total Result Power		Remark
	Reading	Cable Loss	Atten. Loss	Result		Reading	Cable Loss	Atten. Loss	Result				
	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	
0 (2SS)	10.94	1.65	10.17	22.76	188.64	11.22	1.65	9.88	22.74	188.07	25.77	376.71	-
1 (2SS)	10.53	1.65	10.17	22.35	171.65	10.81	1.65	9.88	22.33	171.13	25.36	342.77	-
2 (2SS)	10.46	1.65	10.17	22.28	168.90	10.62	1.65	9.88	22.14	163.80	25.23	332.70	-
3 (2SS)	11.09	1.65	10.17	22.91	195.27	11.36	1.65	9.88	22.88	194.23	25.91	389.50	-
4 (2SS)	11.13	1.65	10.17	22.95	197.08	11.40	1.65	9.88	22.92	196.03	25.95	393.10	-
5 (2SS)	11.08	1.65	10.17	22.90	194.82	11.30	1.65	9.88	22.82	191.57	25.88	386.39	-
6 (2SS)	10.99	1.65	10.17	22.81	190.83	11.20	1.65	9.88	22.72	187.20	25.78	378.03	-
7 (2SS)	11.12	1.65	10.17	22.94	196.62	11.39	1.65	9.88	22.91	195.58	25.94	392.20	-
8 (2SS)	11.18	1.65	10.17	23.00	199.36	11.41	1.65	9.88	22.93	196.48	25.98	395.84	-
9 (2SS)	11.10	1.65	10.17	22.92	195.72	11.34	1.65	9.88	22.86	193.34	25.91	389.06	-
10 (2SS)	11.12	1.65	10.17	22.94	196.62	11.30	1.65	9.88	22.82	191.57	25.90	388.19	-
11 (2SS)	11.76	1.65	10.17	23.58	227.84	12.01	1.65	9.88	23.53	225.59	26.57	453.43	*

Worst MCS (SS: Spatial Stream)

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDM)(SDM), Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDM)(SDM)
Ant 0 + Ant 2

Tested Freq.	Conducted power						e.i.r.p. for RSS-247					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	Ant 0	Ant 2	Sum				Ant 0	Ant 2	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
2412	0.07	0.08	0.16	-8.05	30.00	38.05	0.05	0.04	0.09	-10.43	36.02	46.45
2437	0.08	0.09	0.18	**-7.55**	30.00	37.55	0.06	0.05	0.10	**-9.93**	36.02	45.95
2472	0.08	0.09	0.18	-7.57	30.00	37.57	0.05	0.05	0.10	-9.96	36.02	45.98

	Ant 0						**Ant 2**					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
2412	-12.97	1.67	0.00	-1.83	-11.30	-13.13	-12.51	1.67	0.00	-2.94	-10.84	-13.78
2437	-12.43	1.68	0.00	-1.83	-10.75	-12.58	-12.05	1.68	0.00	-2.94	-10.37	-13.31
2472	-12.60	1.68	0.00	-1.83	-10.92	-12.75	-11.94	1.68	0.00	-2.94	-10.26	-13.20

Sample Calculation:

Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

e.i.r.p. Result = Conducted Power Result + Directional Gain

Directional Gain = G_{ANT} + Array Gain

Array Gain = 0 dB (i.e., no array gain) N_{ANT} <= 4, N_{ANT} = number of transmit antennas = 2

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)(SISO), 26-tone RU, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDMA)(SISO), 26-tone RU

Antenna Port: Ant 0

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]	Antenna Gain [dBi]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
2412	0	6.15	1.65	10.17	17.97	62.67	30.00	1000.00	12.03	-1.83	16.14	41.12	36.02	4000.00	19.88
2437	4	6.01	1.65	10.17	17.84	60.82	30.00	1000.00	12.16	-1.83	16.01	39.91	36.02	4000.00	20.01
2462	8	6.75	1.66	10.17	**18.58**	72.12	30.00	1000.00	11.42	-1.83	**16.75**	47.32	36.02	4000.00	19.27
2467	0	-3.24	1.66	10.17	8.59	7.23	30.00	1000.00	21.41	-1.83	6.76	4.75	36.02	4000.00	29.26
2472	8	-2.66	1.66	10.17	**9.17**	8.27	30.00	1000.00	20.83	-1.83	**7.34**	5.43	36.02	4000.00	28.68

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Mode	Tx 11ax-20(OFDMA)(SDM), 26-tone RU, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDMA)(SISO), 26-tone RU

Antenna Port: Ant 0

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]	Antenna Gain [dBi]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
2412	0	-12.55	1.67	0.00	-10.88	0.09	30.00	1000.00	40.88	-1.83	-12.71	0.06	36.02	4000.00	48.73
2437	4	-11.92	1.68	0.00	-10.25	0.10	30.00	1000.00	40.25	-1.83	-12.08	0.07	36.02	4000.00	48.10
2472	8	-11.70	1.68	0.00	**-10.02**	0.10	30.00	1000.00	40.02	-1.83	**-11.85**	0.07	36.02	4000.00	47.87

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)(SDM), 26-tone RU, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDMA)(SDM), 26-tone RU
Ant 0 + Ant 2

Tested Freq. [MHz]	RU Index	Conducted power Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. for RSS-247 Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	0	34.80	36.00	70.81	18.51	30.00	11.49	22.84	18.29	41.13	16.15	36.02	19.87
2437	4	40.02	35.63	75.64	**18.79**	30.00	11.21	26.26	18.10	44.36	**16.48**	36.02	19.54
2462	8	33.57	30.64	64.20	18.08	30.00	11.92	22.02	15.57	37.59	15.76	36.02	20.26
2467	0	4.89	3.77	8.66	9.38	30.00	20.62	3.21	1.92	5.12	7.10	36.02	28.92
2472	8	4.96	3.87	8.84	**9.47**	30.00	20.53	3.26	1.97	5.23	**7.19**	36.02	28.83

Tested Freq. [MHz]	RU Index	Ant 0 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Ant 2 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	0	3.60	1.65	10.17	-1.83	15.42	13.59	4.04	1.65	9.88	-2.94	15.56	12.62
2437	4	4.20	1.65	10.17	-1.83	16.02	14.19	3.99	1.65	9.88	-2.94	15.52	12.58
2462	8	3.43	1.66	10.17	-1.83	15.26	13.43	3.33	1.65	9.88	-2.94	14.86	11.92
2467	0	-4.94	1.66	10.17	-1.83	6.89	5.06	-5.76	1.65	9.88	-2.94	5.76	2.82
2472	8	-4.87	1.66	10.17	-1.83	6.96	5.13	-5.65	1.65	9.88	-2.94	5.88	2.94

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain

Mode	Tx 11ax-20(OFDMA)(SDM), 26-tone RU, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDMA)(SDM), 26-tone RU
Ant 0 + Ant 2

Tested Freq. [MHz]	RU Index	Conducted power Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. for RSS-247 Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	0	0.07	0.08	0.15	-8.12	30.00	38.12	0.05	0.04	0.09	-10.52	36.02	46.54
2437	4	0.07	0.10	0.17	**-7.66**	30.00	37.66	0.05	0.05	0.10	**-10.08**	36.02	46.10
2472	8	0.08	0.09	0.16	-7.89	30.00	37.89	0.05	0.04	0.09	-10.27	36.02	46.29

Tested Freq. [MHz]	RU Index	Ant 0 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Ant 2 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	0	-13.22	1.67	0.00	-1.83	-11.55	-13.38	-12.42	1.67	0.00	-2.94	-10.75	-13.69
2437	4	-12.94	1.68	0.00	-1.83	-11.26	-13.09	-11.81	1.68	0.00	-2.94	-10.13	-13.07
2472	8	-12.80	1.68	0.00	-1.83	-11.12	-12.95	-12.36	1.68	0.00	-2.94	-10.68	-13.62

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain
Directional Gain = G_{ANT} + Array Gain
Array Gain = 0 dB (i.e., no array gain) N_{ANT} <= 4, N_{ANT} = number of transmit antennas = 2

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)(SISO), 52-tone RU, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDMA)(SISO), 52-tone RU

Antenna Port: Ant 0

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2412	37	10.04	1.65	10.17	21.86	153.47	30.00	1000.00	8.14	-1.83	20.03	100.70	36.02	4000.00	15.99
2437	38	9.47	1.65	10.17	21.30	134.90	30.00	1000.00	8.70	-1.83	19.47	88.52	36.02	4000.00	16.55
2462	40	10.16	1.66	10.17	**21.99**	158.13	30.00	1000.00	8.01	-1.83	**20.16**	103.76	36.02	4000.00	15.86
2467	37	-3.15	1.66	10.17	8.68	7.38	30.00	1000.00	21.32	-1.83	6.85	4.85	36.02	4000.00	29.17
2472	40	-2.68	1.66	10.17	**9.15**	8.23	30.00	1000.00	20.85	-1.83	**7.32**	5.40	36.02	4000.00	28.70

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Mode	Tx 11ax-20(OFDMA)(SISO), 52-tone RU, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDMA)(SISO), 52-tone RU

Antenna Port: Ant 0

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2412	37	-12.07	1.67	0.00	-10.40	0.10	30.00	1000.00	40.40	-1.83	-12.23	0.06	36.02	4000.00	48.25
2437	38	-12.45	1.68	0.00	-10.78	0.09	30.00	1000.00	40.78	-1.83	-12.61	0.06	36.02	4000.00	48.63
2472	40	-11.37	1.68	0.00	**-9.69**	0.11	30.00	1000.00	39.69	-1.83	**-11.52**	0.08	36.02	4000.00	47.54

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)(SDM), 52-tone RU, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDMA)(SDM), 52-tone RU
Ant 0 + Ant 2

Tested Freq. [MHz]	RU Index	Conducted power Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. for RSS-247 Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	37	84.46	79.31	163.77	**22.15**	30.00	7.85	55.42	40.30	95.72	**19.81**	36.02	16.21
2437	38	81.89	71.58	153.47	21.87	30.00	8.13	53.73	36.37	90.11	19.55	36.02	16.47
2462	40	80.52	72.48	153.00	21.85	30.00	8.15	52.83	36.83	89.66	19.53	36.02	16.49
2467	37	4.52	3.63	8.15	9.12	30.00	20.88	2.96	1.85	4.81	6.83	36.02	29.19
2472	40	5.05	4.09	9.14	**9.61**	30.00	20.39	3.31	2.08	5.39	**7.32**	36.02	28.70

Tested Freq. [MHz]	RU Index	Ant 0 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Ant 2 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
2412	37	7.45	1.65	10.17	-1.83	19.27	17.44	7.47	1.65	9.88	-2.94	18.99	16.05
2437	38	7.31	1.65	10.17	-1.83	19.13	17.30	7.02	1.65	9.88	-2.94	18.55	15.61
2462	40	7.23	1.66	10.17	-1.83	19.06	17.23	7.07	1.65	9.88	-2.94	18.60	15.66
2467	37	-5.28	1.66	10.17	-1.83	6.55	4.72	-5.92	1.65	9.88	-2.94	5.60	2.66
2472	40	-4.80	1.66	10.17	-1.83	7.03	5.20	-5.41	1.65	9.88	-2.94	6.12	3.18

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain

Mode	Tx 11ax-20(OFDMA)(SDM), 52-tone RU, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDMA)(SDM), 52-tone RU
Ant 0 + Ant 2

Tested Freq. [MHz]	RU Index	Conducted power Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. for RSS-247 Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	37	0.09	0.09	0.18	-7.57	30.00	37.57	0.06	0.04	0.10	-9.92	36.02	45.94
2437	38	0.10	0.09	0.19	-7.22	30.00	37.22	0.06	0.05	0.11	-9.55	36.02	45.57
2472	40	0.10	0.11	0.21	**-6.71**	30.00	36.71	0.07	0.06	0.12	**-9.09**	36.02	45.11

Tested Freq. [MHz]	RU Index	Ant 0 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Ant 2 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
2412	37	-12.22	1.67	0.00	-1.83	-10.55	-12.38	-12.28	1.67	0.00	-2.94	-10.61	-13.55
2437	38	-11.78	1.68	0.00	-1.83	-10.10	-11.93	-12.02	1.68	0.00	-2.94	-10.34	-13.28
2472	40	-11.64	1.68	0.00	-1.83	-9.96	-11.79	-11.17	1.68	0.00	-2.94	-9.49	-12.43

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain
Directional Gain = G_{ANT} + Array Gain
Array Gain = 0 dB (i.e., no array gain) N_{ANT} <= 4, N_{ANT} = number of transmit antennas = 2

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)(SISO), 106-tone RU, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDMA)(SISO), 106-tone RU

Antenna Port: Ant 0

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2412	53	11.90	1.65	10.17	23.72	235.51	30.00	1000.00	6.28	-1.83	21.89	154.53	36.02	4000.00	14.13
2437	53	11.46	1.65	10.17	23.29	213.31	30.00	1000.00	6.71	-1.83	21.46	139.96	36.02	4000.00	14.56
2462	54	12.11	1.66	10.17	**23.94**	247.75	30.00	1000.00	6.06	-1.83	**22.11**	162.56	36.02	4000.00	13.91
2467	53	-0.80	1.66	10.17	11.03	12.68	30.00	1000.00	18.97	-1.83	9.20	8.32	36.02	4000.00	26.82
2472	54	-0.09	1.66	10.17	**11.74**	14.93	30.00	1000.00	18.26	-1.83	**9.91**	9.80	36.02	4000.00	26.11

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Mode	Tx 11ax-20(OFDMA)(SISO), 106-tone RU, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDMA)(SISO), 106-tone RU

Antenna Port: Ant 0

Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2412	53	-12.11	1.67	0.00	-10.44	0.10	30.00	1000.00	40.44	-1.83	-12.27	0.06	36.02	4000.00	48.29
2437	53	-12.02	1.68	0.00	-10.35	0.10	30.00	1000.00	40.35	-1.83	-12.18	0.07	36.02	4000.00	48.20
2472	54	-11.73	1.68	0.00	**-10.05**	0.10	30.00	1000.00	40.05	-1.83	**-11.88**	0.07	36.02	4000.00	47.90

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)(SDM), 106-tone RU, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDMA)(SDM), 106-tone RU
Ant 0 + Ant 2

Tested Freq. [MHz]	RU Index	Conducted power Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. for RSS-247 Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	53	191.27	188.50	379.77	25.80	30.00	4.20	125.50	95.79	221.29	23.45	36.02	12.57
2437	53	185.46	182.71	368.17	25.67	30.00	4.33	121.69	92.85	214.54	23.32	36.02	12.70
2462	54	200.86	198.71	399.58	**26.02**	30.00	3.98	131.80	100.98	232.77	**23.67**	36.02	12.35
2467	53	9.75	8.30	18.05	12.57	30.00	17.43	6.40	4.22	10.62	10.26	36.02	25.76
2472	54	10.96	9.36	20.32	**13.08**	30.00	16.92	7.19	4.76	11.95	**10.78**	36.02	25.24

Tested Freq. [MHz]	RU Index	Ant 0 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Ant 2 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	53	11.00	1.65	10.17	-1.83	22.82	20.99	11.23	1.65	9.88	-2.94	22.75	19.81
2437	53	10.86	1.65	10.17	-1.83	22.68	20.85	11.09	1.65	9.88	-2.94	22.62	19.68
2462	54	11.20	1.66	10.17	-1.83	23.03	21.20	11.45	1.65	9.88	-2.94	22.98	20.04
2467	53	-1.94	1.66	10.17	-1.83	9.89	8.06	-2.33	1.65	9.88	-2.94	9.19	6.25
2472	54	-1.43	1.66	10.17	-1.83	10.40	8.57	-1.82	1.65	9.88	-2.94	9.71	6.77

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain

Mode	Tx 11ax-20(OFDMA)(SDM), 106-tone RU, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDMA)(SDM), 106-tone RU
Ant 0 + Ant 2

Tested Freq. [MHz]	RU Index	Conducted power Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. for RSS-247 Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	53	0.09	0.12	0.21	-6.76	30.00	36.76	0.06	0.06	0.12	-9.20	36.02	45.22
2437	53	0.10	0.13	0.22	-6.49	30.00	36.49	0.06	0.06	0.13	-8.92	36.02	44.94
2472	54	0.09	0.14	0.23	**-6.43**	30.00	36.43	0.06	0.07	0.13	**-8.89**	36.02	44.91

Tested Freq. [MHz]	RU Index	Ant 0 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Ant 2 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	53	-12.16	1.67	0.00	-1.83	-10.49	-12.32	-10.83	1.67	0.00	-2.94	-9.16	-12.10
2437	53	-11.82	1.68	0.00	-1.83	-10.14	-11.97	-10.61	1.68	0.00	-2.94	-8.93	-11.87
2472	54	-12.07	1.68	0.00	-1.83	-10.39	-12.22	-10.34	1.68	0.00	-2.94	-8.66	-11.60

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain
Directional Gain = G_{ANT} + Array Gain
Array Gain = 0 dB (i.e., no array gain) N_{ANT} <= 4, N_{ANT} = number of transmit antennas = 2

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)(SISO), 242-tone RU, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDMA)(SISO), 242-tone RU

Antenna Port: Ant 0

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]	Antenna Gain [dBi]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
2412	61	11.76	1.65	10.17	**23.58**	228.04	30.00	1000.00	6.42	-1.83	**21.75**	149.63	36.02	4000.00	14.27
2437	61	11.73	1.65	10.17	23.56	226.99	30.00	1000.00	6.44	-1.83	21.73	148.94	36.02	4000.00	14.29
2462	61	11.32	1.66	10.17	23.15	206.54	30.00	1000.00	6.85	-1.83	21.32	135.52	36.02	4000.00	14.70
2467	61	9.01	1.66	10.17	**20.84**	121.34	30.00	1000.00	9.16	-1.83	**19.01**	79.62	36.02	4000.00	17.01
2472	61	8.90	1.66	10.17	20.73	118.31	30.00	1000.00	9.27	-1.83	18.90	77.63	36.02	4000.00	17.12

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Mode	Tx 11ax-20(OFDMA)(SISO), 242-tone RU, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDMA)(SISO), 242-tone RU

Antenna Port: Ant 0

					Conducted Power					e.i.r.p. for RSS-247					
Tested Freq. [MHz]	RU Index	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]	Antenna Gain [dBi]	Result [dBm]	Result [mW]	Limit [dBm]	Limit [mW]	Margin [dB]
2412	61	-12.71	1.67	0.00	-11.04	0.08	30.00	1000.00	41.04	-1.83	-12.87	0.06	36.02	4000.00	48.89
2437	61	-12.40	1.68	0.00	**-10.73**	0.09	30.00	1000.00	40.73	-1.83	**-12.56**	0.06	36.02	4000.00	48.58
2472	61	-12.50	1.68	0.00	-10.82	0.09	30.00	1000.00	40.82	-1.83	-12.65	0.06	36.02	4000.00	48.67

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Maximum Peak Output Power

Mode	Tx 11ax-20(OFDMA)(SDM), 242-tone RU, Normal power

Date	Test Place	Temperature	Humidity	Engineer
July 30, 2025	MR1	24 deg.C	49 %RH	Yosuke Murakami

11ax-20(OFDMA)(SDM), 242-tone RU
Ant 0 + Ant 2

Tested Freq. [MHz]	RU Index	Conducted power Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. for RSS-247 Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	61	222.66	216.93	439.59	**26.44**	30.00	3.56	146.10	110.23	256.33	**24.09**	36.02	11.93
2437	61	209.53	201.27	410.80	26.14	30.00	3.86	137.48	102.28	239.76	23.80	36.02	12.22
2462	61	210.82	208.08	418.89	26.23	30.00	3.77	138.33	105.74	244.06	23.88	36.02	12.14
2467	61	81.45	72.66	154.12	21.88	30.00	8.12	53.44	36.92	90.37	19.57	36.02	16.45
2472	61	84.90	74.34	159.24	**22.03**	30.00	7.97	55.71	37.78	93.48	**19.71**	36.02	16.31

Tested Freq. [MHz]	RU Index	Ant 0 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Ant 2 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	61	11.66	1.65	10.17	-1.83	23.48	21.65	11.84	1.65	9.88	-2.94	23.36	20.42
2437	61	11.39	1.65	10.17	-1.83	23.21	21.38	11.51	1.65	9.88	-2.94	23.04	20.10
2462	61	11.41	1.66	10.17	-1.83	23.24	21.41	11.65	1.65	9.88	-2.94	23.18	20.24
2467	61	7.28	1.66	10.17	-1.83	19.11	17.28	7.09	1.65	9.88	-2.94	18.61	15.67
2472	61	7.46	1.66	10.17	-1.83	19.29	17.46	7.18	1.65	9.88	-2.94	18.71	15.77

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain

Mode	Tx 11ax-20(OFDMA)(SDM), 242-tone RU, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 02, 2025	MR1	21 deg.C	48 %RH	Yosuke Murakami

11ax-20(OFDMA)(SDM), 242-tone RU
Ant 0 + Ant 2

Tested Freq. [MHz]	RU Index	Conducted power Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. for RSS-247 Antenna Ant 0 [mW]	Ant 2 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
2412	61	0.09	0.10	0.18	-7.43	30.00	37.43	0.06	0.05	0.10	-9.81	36.02	45.83
2437	61	0.09	0.10	0.19	-7.19	30.00	37.19	0.06	0.05	0.11	-9.56	36.02	45.58
2472	61	0.09	0.11	0.20	**-7.07**	30.00	37.07	0.06	0.05	0.11	**-9.47**	36.02	45.49

Tested Freq. [MHz]	RU Index	Ant 0 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Ant 2 Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
2412	61	-12.37	1.67	0.00	-1.83	-10.70	-12.53	-11.86	1.67	0.00	-2.94	-10.19	-13.13
2437	61	-12.06	1.68	0.00	-1.83	-10.38	-12.21	-11.69	1.68	0.00	-2.94	-10.01	-12.95
2472	61	-12.12	1.68	0.00	-1.83	-10.44	-12.27	-11.43	1.68	0.00	-2.94	-9.75	-12.69

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss
e.i.r.p. Result = Conducted Power Result + Directional Gain
Directional Gain = G_{ANT} + Array Gain
Array Gain = 0 dB (i.e., no array gain) N_{ANT} <= 4, N_{ANT} = number of transmit antennas = 2

Maximum Peak Output Power

Mode	Tx BT LE, Normal power

Date	Test Place	Temperature	Humidity	Engineer
August 23, 2025	MR1	24 deg.C	51 %RH	Kenichi Adachi

BT LE 1M-PHY

Antenna Port: Ant 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2402	-6.16	1.65	10.17	5.66	3.69	30.00	1000.00	24.34	-1.83	3.83	2.42	36.02	4000.00	32.19
2440	-5.80	1.65	10.17	6.03	4.01	30.00	1000.00	23.97	-1.83	4.20	2.64	36.02	4000.00	31.82
2480	-5.71	1.66	10.17	**6.12**	4.10	30.00	1000.00	23.88	-1.83	**4.29**	2.69	36.02	4000.00	31.73

BT LE coded S = 8

Antenna Port: Ant 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2402	-6.15	1.65	10.17	5.67	3.69	30.00	1000.00	24.33	-1.83	3.84	2.43	36.02	4000.00	32.18
2440	-5.77	1.65	10.17	6.06	4.04	30.00	1000.00	23.94	-1.83	4.23	2.65	36.02	4000.00	31.79
2480	-5.70	1.66	10.17	**6.13**	4.11	30.00	1000.00	23.87	-1.83	**4.30**	2.70	36.02	4000.00	31.72

BT LE coded S = 2

Antenna Port: Ant 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2402	-6.17	1.65	10.17	5.65	3.68	30.00	1000.00	24.35	-1.83	3.82	2.41	36.02	4000.00	32.20
2440	-5.94	1.65	10.17	5.89	3.89	30.00	1000.00	24.11	-1.83	4.06	2.55	36.02	4000.00	31.96
2480	-5.72	1.66	10.17	**6.11**	4.09	30.00	1000.00	23.89	-1.83	**4.28**	2.68	36.02	4000.00	31.74

BT LE 2M-PHY

Antenna Port: Ant 0

Tested Freq. [MHz]	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Conducted Power Result [dBm]	Conducted Power Result [mW]	Conducted Power Limit [dBm]	Conducted Power Limit [mW]	Conducted Power Margin [dB]	e.i.r.p. for RSS-247 Antenna Gain [dBi]	e.i.r.p. Result [dBm]	e.i.r.p. Result [mW]	e.i.r.p. Limit [dBm]	e.i.r.p. Limit [mW]	e.i.r.p. Margin [dB]
2402	-6.10	1.65	10.17	5.72	3.74	30.00	1000.00	24.28	-1.83	3.89	2.45	36.02	4000.00	32.13
2440	-5.93	1.65	10.17	5.90	3.90	30.00	1000.00	24.10	-1.83	4.07	2.56	36.02	4000.00	31.95
2480	-5.89	1.66	10.17	**5.94**	3.93	30.00	1000.00	24.06	-1.83	**4.11**	2.58	36.02	4000.00	31.91

Sample Calculation:

Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

e.i.r.p. Result = Conducted Power Result + Antenna Gain

Worst rate check (2402 MHz)

Antenna	Mode	-	Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result [dBm]	Result [mW]	Remark
Ant 0	1M-PHY	-	-6.16	1.65	10.17	5.66	3.68	-
	S=8	-	-6.15	1.65	10.17	5.67	3.69	*
	S=2	-	-6.17	1.65	10.17	5.65	3.67	-
Ant 1	1M-PHY	-	-6.92	1.64	9.88	4.61	2.89	-

*Worst Mode

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

Maximum Peak Output Power

Mode	Tx BT LE, Low power

Date	Test Place	Temperature	Humidity	Engineer
December 07, 2025	MR1	20 deg.C	38 %RH	Yusuke Tanikawara

BT LE 1M-PHY

Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Result		Limit		Margin	Antenna Gain	Result		Limit		Margin
[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]	[dBi]	[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-26.67	1.67	0.00	**-25.00**	0.01	30.00	1000.00	55.00	-1.83	**-26.83**	0.01	36.02	4000.00	62.85
2440	-27.16	1.68	0.00	-25.49	0.01	30.00	1000.00	55.49	-1.83	-27.32	0.01	36.02	4000.00	63.34
2480	-28.34	1.68	0.00	-26.66	0.01	30.00	1000.00	56.66	-1.83	-28.49	0.01	36.02	4000.00	64.51

BT LE coded S-8

Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Result		Limit		Margin	Antenna Gain	Result		Limit		Margin
[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]	[dBi]	[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-26.61	1.67	0.00	**-24.94**	0.01	30.00	1000.00	54.94	-1.83	**-26.77**	0.01	36.02	4000.00	62.79
2440	-27.15	1.68	0.00	-25.48	0.01	30.00	1000.00	55.48	-1.83	-27.31	0.01	36.02	4000.00	63.33
2480	-28.33	1.68	0.00	-26.65	0.01	30.00	1000.00	56.65	-1.83	-28.48	0.01	36.02	4000.00	64.50

BT LE coded S-2

Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Result		Limit		Margin	Antenna Gain	Result		Limit		Margin
[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]	[dBi]	[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-26.66	1.67	0.00	**-24.99**	0.01	30.00	1000.00	54.99	-1.83	**-26.82**	0.01	36.02	4000.00	62.84
2440	-27.17	1.68	0.00	-25.50	0.01	30.00	1000.00	55.50	-1.83	-27.33	0.01	36.02	4000.00	63.35
2480	-28.35	1.68	0.00	-26.67	0.01	30.00	1000.00	56.67	-1.83	-28.50	0.01	36.02	4000.00	64.52

BT LE 2M-PHY

Antenna Port: Ant 0

				Conducted Power					e.i.r.p. for RSS-247					
Tested Freq.	Reading	Cable Loss	Atten. Loss	Result		Limit		Margin	Antenna Gain	Result		Limit		Margin
[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]	[dBi]	[dBm]	[mW]	[dBm]	[mW]	[dB]
2402	-26.60	1.67	0.00	**-24.93**	0.01	30.00	1000.00	54.93	-1.83	**-26.76**	0.01	36.02	4000.00	62.78
2440	-27.15	1.68	0.00	-25.48	0.01	30.00	1000.00	55.48	-1.83	-27.31	0.01	36.02	4000.00	63.33
2480	-28.32	1.68	0.00	-26.64	0.01	30.00	1000.00	56.64	-1.83	-28.47	0.01	36.02	4000.00	64.49

Sample Calculation:

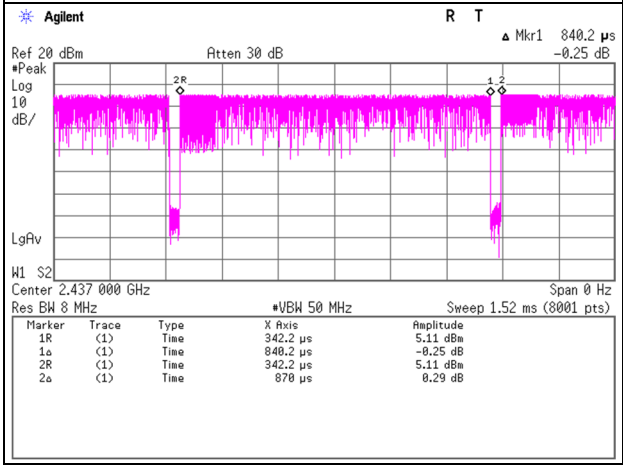
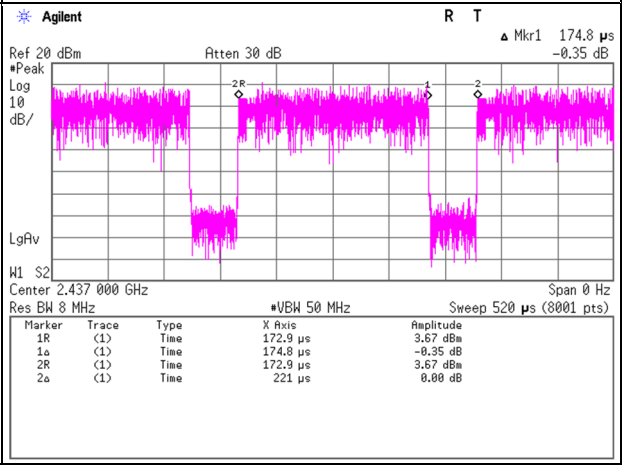
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss

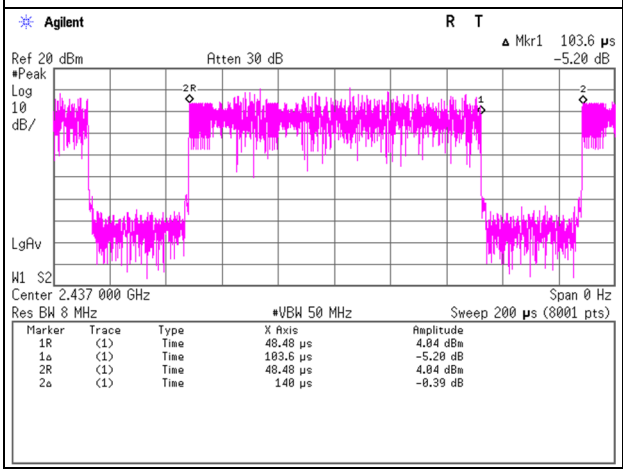
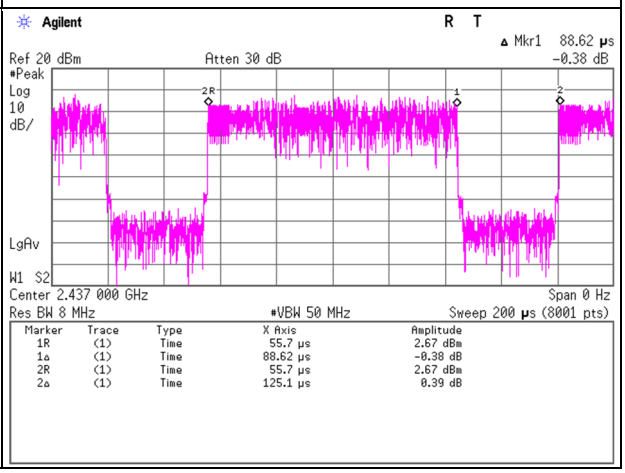
e.i.r.p. Result = Conducted Power Result + Antenna Gain

Burst rate confirmation

Mode	Tx

Date	Test Place	Temperature	Humidity	Engineer
August 08, 2025	MR1	25 deg.C	53 %RH	Kouki Yamada

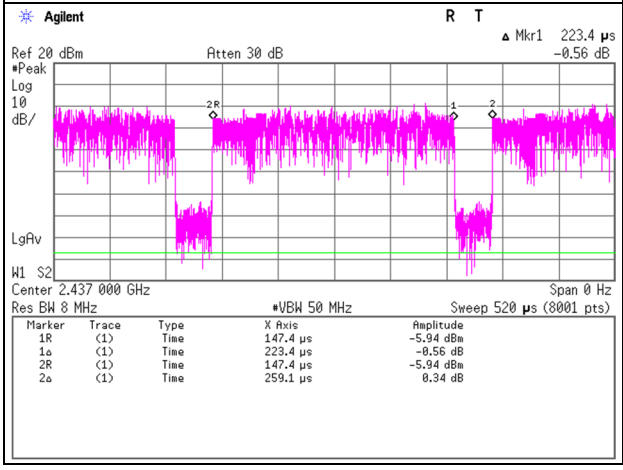
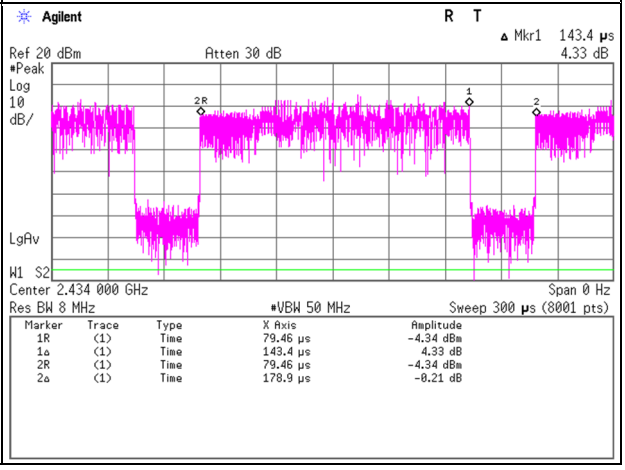
11b	11g
Tx on / (Tx on + Tx off) =0.97	Tx on / (Tx on + Tx off) =0.79
Tx on / (Tx on + Tx off) * 100 =97 %	Tx on / (Tx on + Tx off) * 100 =79 %
Duty Factor = 10 * log (0.87/0.8402) =0.16 dB	Duty Factor = 10 * log (0.221/0.1748) =1.02 dB
	

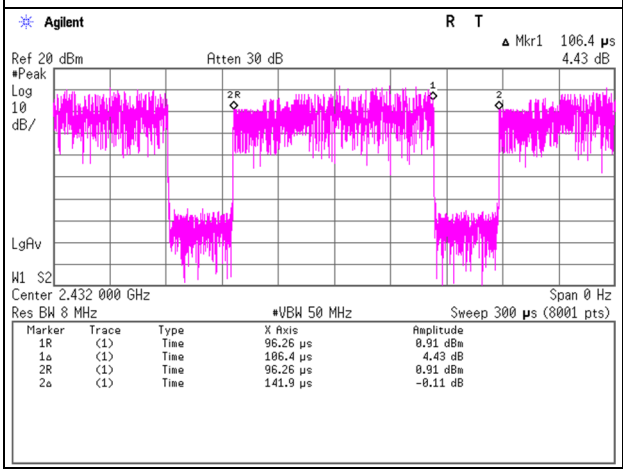
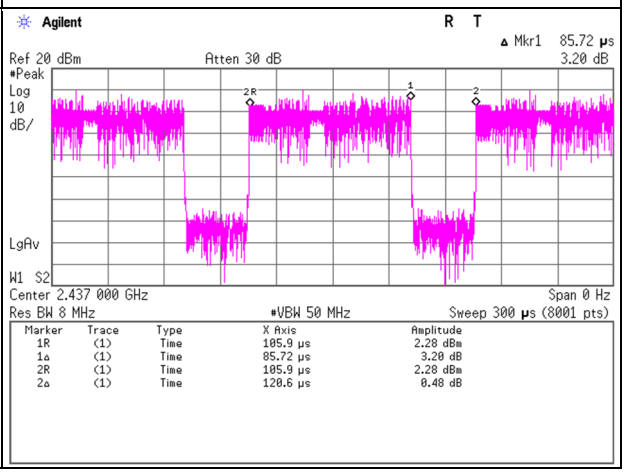
11n-20, SDM	11ax-20(OFDM), SDM
Tx on / (Tx on + Tx off) =0.74	Tx on / (Tx on + Tx off) =0.71
Tx on / (Tx on + Tx off) * 100 =74 %	Tx on / (Tx on + Tx off) * 100 =71 %
Duty Factor = 10 * log (0.14/0.1036) =1.31 dB	Duty Factor = 10 * log (0.1251/0.0886) =1.5 dB
	

Burst rate confirmation

Mode	Tx

Date	Test Place	Temperature	Humidity	Engineer
August 08, 2025	MR1	25 deg.C	53 %RH	Kouki Yamada

11ax-20(OFDMA)(SDM), 26-tone RU	11ax-20(OFDMA)(SDM), 52-tone RU
Tx on / (Tx on + Tx off) =0.86	Tx on / (Tx on + Tx off) =0.8
Tx on / (Tx on + Tx off) * 100 =86 %	Tx on / (Tx on + Tx off) * 100 =80 %
Duty Factor = 10 * log (0.2591/0.2234) =0.65 dB	Duty Factor = 10 * log (0.1789/0.1434) =0.97 dB
	

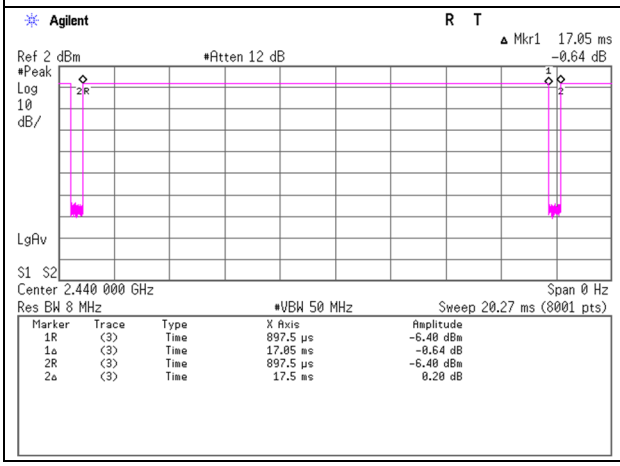
11ax-20(OFDMA)(SDM), 106-tone RU	11ax-20(OFDMA)(SDM), 242-tone RU
Tx on / (Tx on + Tx off) =0.75	Tx on / (Tx on + Tx off) =0.71
Tx on / (Tx on + Tx off) * 100 =75 %	Tx on / (Tx on + Tx off) * 100 =71 %
Duty Factor = 10 * log (0.1419/0.1064) =1.26 dB	Duty Factor = 10 * log (0.1206/0.0857) =1.49 dB
	

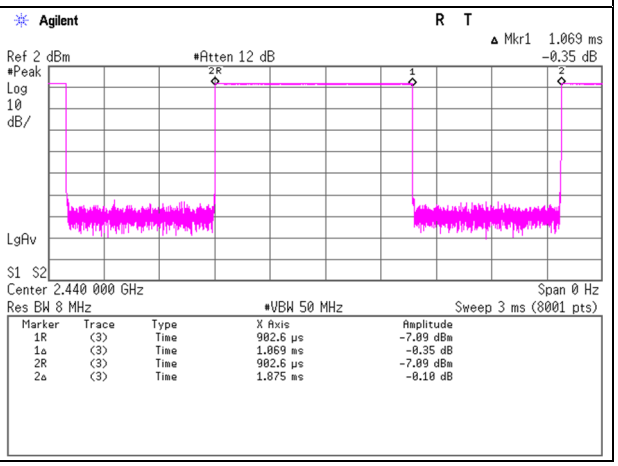
Burst rate confirmation

Mode	Tx BT LE coded S = 8

Date	Test Place	Temperature	Humidity	Engineer
August 23, 2025	MR1	24 deg.C	51 %RH	Kenichi Adachi

BT LE coded S = 8	BT LE 2M-PHY
Tx on / (Tx on + Tx off) =0.97	Tx on / (Tx on + Tx off) =0.57
Tx on / (Tx on + Tx off) * 100 =97 %	Tx on / (Tx on + Tx off) * 100 =57 %
Duty Factor = 10 * log (17.5/17.05) =0.12 dB	Duty Factor = 10 * log (1.875/1.069) =2.45 dB





Radiated Spurious Emission

Mode	Tx 11b 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 2.8 GHz
August 5, 2025	WAC2	25 deg. C	43 % RH	Masahide Ozaki	2.8 GHz to 10 GHz
August 27, 2025	WAC2	25 deg. C	48 % RH	Miku Ikudome	10 GHz to 18 GHz
August 24, 2025	WAC2	25 deg. C	48 % RH	Kouki Yamada	Above 18 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	47.67	27.71	-28.28	-	2.37	49.47	73.9	24.4	296	245	-
Hori.	4824.000	PK	50.19	31.95	-35.98	-	2.37	48.53	73.9	25.3	104	188	-
Hori.	7236.000	PK	45.92	36.40	-33.62	-	2.37	51.07	73.9	22.8	150	0	Floor Noise
Hori.	9648.000	PK	45.48	38.04	-30.99	-	2.37	54.90	73.9	19.0	150	0	Floor Noise
Hori.	7236.000	AV	34.99	36.40	-33.62	-	2.37	40.14	53.9	13.7	150	0	Floor Noise
Hori.	9648.000	AV	34.68	38.04	-30.99	-	2.37	44.10	53.9	9.8	150	0	Floor Noise
Vert.	2390.000	PK	48.18	27.71	-28.28	-	2.37	49.98	73.9	23.9	140	153	-
Vert.	4824.000	PK	49.82	31.95	-35.98	-	2.37	48.16	73.9	25.7	150	108	-
Vert.	7236.000	PK	45.91	36.40	-33.62	-	2.37	51.06	73.9	22.8	150	0	Floor Noise
Vert.	9648.000	PK	45.98	38.04	-30.99	-	2.37	55.40	73.9	18.5	150	0	Floor Noise
Vert.	7236.000	AV	34.89	36.40	-33.62	-	2.37	40.04	53.9	13.8	150	0	Floor Noise
Vert.	9648.000	AV	34.71	38.04	-30.99	-	2.37	44.13	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 : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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	36.88	27.71	-28.28	-	0.16	2.37	38.84	53.9	15.0	*1)
Hori.	4824.000	AV	41.75	31.95	-35.98	-	0.16	2.37	40.25	53.9	13.6	-
Vert.	2390.000	AV	36.24	27.71	-28.28	-	0.16	2.37	38.20	53.9	15.7	*1)
Vert.	4824.000	AV	41.63	31.95	-35.98	-	0.16	2.37	40.13	53.9	13.7	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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)

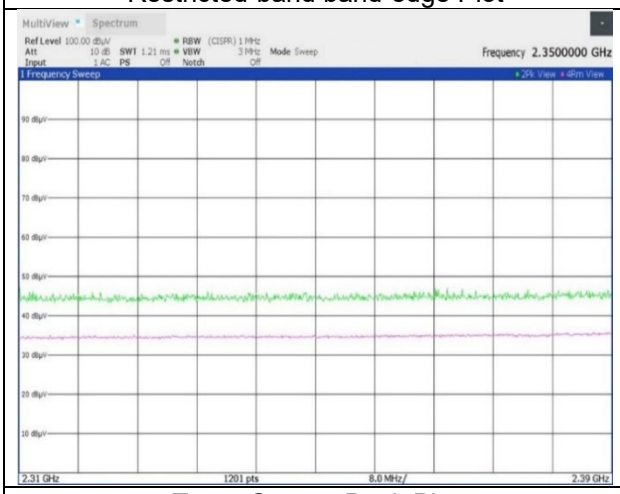
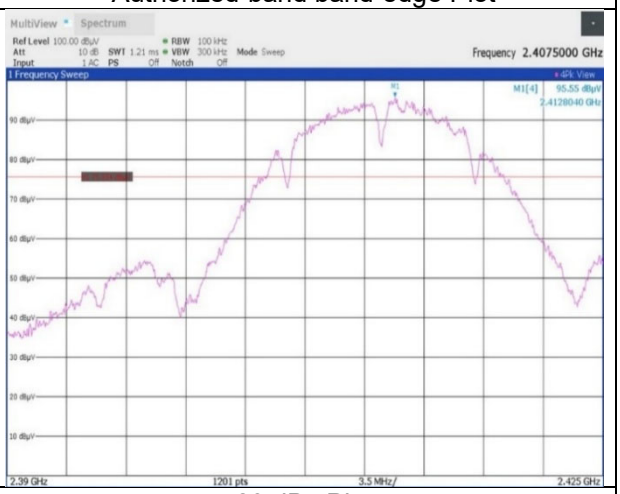
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2412.000	PK	95.55	27.77	-28.27	-	2.37	97.42	-	-	Carrier
Hori.	2397.417	PK	54.38	27.73	-28.27	-	2.37	56.21	77.4	21.1	-
Hori.	2400.000	PK	45.94	27.73	-28.27	-	2.37	47.77	77.4	29.6	-
Vert.	2412.000	PK	90.00	27.77	-28.27	-	2.37	91.87	-	-	Carrier
Vert.	2397.417	PK	49.56	27.73	-28.27	-	2.37	51.39	71.8	20.4	-
Vert.	2400.000	PK	42.00	27.73	-28.27	-	2.37	43.83	71.8	27.9	-

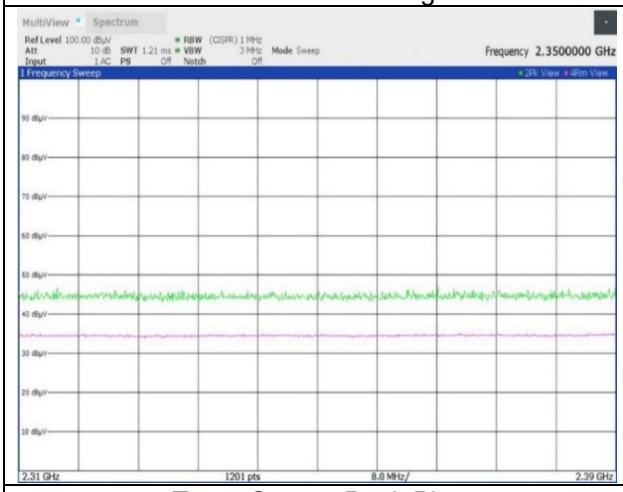
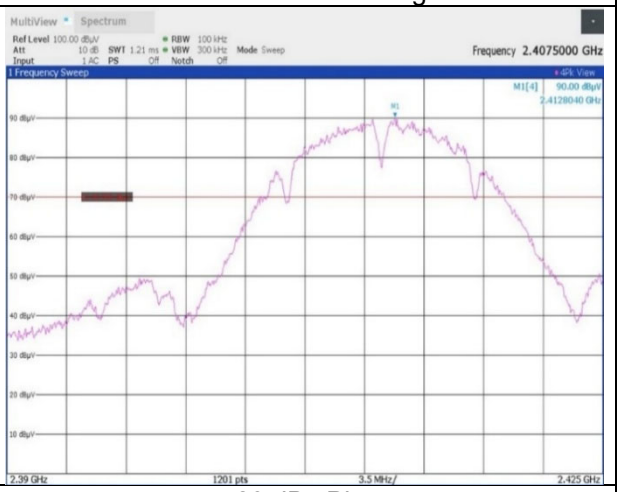
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11b 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 2.8 GHz

Horizontal	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

Vertical	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

* 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 11b 2437 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 2.8 GHz
August 5, 2025	WAC2	25 deg. C	43 % RH	Masahide Ozaki	2.8 GHz to 10 GHz
August 27, 2025	WAC2	25 deg. C	48 % RH	Miku Ikudome	10 GHz to 18 GHz
August 24, 2025	WAC2	25 deg. C	48 % RH	Kouki Yamada	Above 18 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.	4874.000	PK	51.09	32.23	-35.96	-	2.37	49.73	73.9	24.1	140	189	-
Hori.	7311.000	PK	46.07	36.63	-33.51	-	2.37	51.56	73.9	22.3	150	0	Floor Noise
Hori.	9748.000	PK	44.82	38.08	-30.90	-	2.37	54.37	73.9	19.5	150	0	Floor Noise
Hori.	7311.000	AV	35.56	36.63	-33.51	-	2.37	41.05	53.9	12.8	150	0	Floor Noise
Hori.	9748.000	AV	34.23	38.08	-30.90	-	2.37	43.78	53.9	**10.1**	150	0	Floor Noise
Vert.	4874.000	PK	51.74	32.23	-35.96	-	2.37	50.38	73.9	23.5	116	132	-
Vert.	7311.000	PK	45.95	36.63	-33.51	-	2.37	51.44	73.9	22.4	150	0	Floor Noise
Vert.	9748.000	PK	45.07	38.08	-30.90	-	2.37	54.62	73.9	19.2	150	0	Floor Noise
Vert.	7311.000	AV	35.55	36.63	-33.51	-	2.37	41.04	53.9	12.8	150	0	Floor Noise
Vert.	9748.000	AV	34.15	38.08	-30.90	-	2.37	43.70	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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	4874.000	AV	43.19	32.23	-35.96	-	0.16	2.37	41.99	53.9	11.9	-
Vert.	4874.000	AV	43.66	32.23	-35.96	-	0.16	2.37	42.46	53.9	11.4	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]
Duty factor refer to "Burst rate confirmation" sheet.

Radiated Spurious Emission

Mode	Tx 11b 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 2.8 GHz
August 5, 2025	WAC2	25 deg. C	43 % RH	Masahide Ozaki	2.8 GHz to 10 GHz
August 27, 2025	WAC2	25 deg. C	48 % RH	Miku Ikudome	10 GHz to 18 GHz
August 24, 2025	WAC2	25 deg. C	48 % RH	Kouki Yamada	Above 18 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.	2483.500	PK	47.34	27.77	-28.22	-	2.37	49.26	73.9	24.6	280	244	-
Hori.	4924.000	PK	50.29	32.49	-35.94	-	2.37	49.21	73.9	24.6	147	189	-
Hori.	7386.000	PK	46.06	36.75	-33.37	-	2.37	51.81	73.9	22.0	150	0	Floor Noise
Hori.	9848.000	PK	45.67	38.11	-30.79	-	2.37	55.36	73.9	18.5	150	0	Floor Noise
Hori.	7386.000	AV	34.84	36.75	-33.37	-	2.37	40.59	53.9	13.3	150	0	Floor Noise
Hori.	9848.000	AV	34.38	38.11	-30.79	-	2.37	44.07	53.9	**9.8**	150	0	Floor Noise
Vert.	2483.500	PK	47.13	27.77	-28.22	-	2.37	49.05	73.9	24.8	129	155	-
Vert.	4924.000	PK	51.14	32.49	-35.94	-	2.37	50.06	73.9	23.8	175	104	-
Vert.	7386.000	PK	45.77	36.75	-33.37	-	2.37	51.52	73.9	22.3	150	0	Floor Noise
Vert.	9848.000	PK	45.21	38.11	-30.79	-	2.37	54.90	73.9	19.0	150	0	Floor Noise
Vert.	7386.000	AV	34.77	36.75	-33.37	-	2.37	40.52	53.9	13.3	150	0	Floor Noise
Vert.	9848.000	AV	34.30	38.11	-30.79	-	2.37	43.99	53.9	9.9	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
*Other frequency noises omitted in this report w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	36.49	27.77	-28.22	-	0.16	2.37	38.57	53.9	15.3	*1)
Hori.	4924.000	AV	43.11	32.49	-35.94	-	0.16	2.37	42.19	53.9	11.7	-
Vert.	2483.500	AV	35.77	27.77	-28.22	-	0.16	2.37	37.85	53.9	16.0	*1)
Vert.	4924.000	AV	43.34	32.49	-35.94	-	0.16	2.37	42.42	53.9	11.4	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

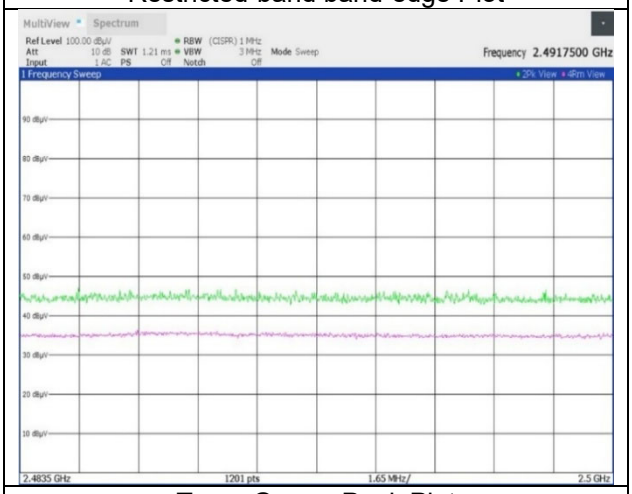
Radiated Spurious Emission

Mode	Tx 11b 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 2.8 GHz

Horizontal

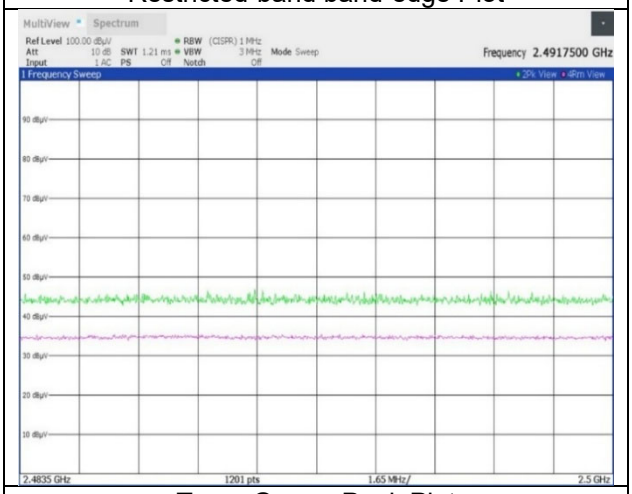
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* 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 11b 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 2.8 GHz
August 5, 2025	WAC2	25 deg. C	43 % RH	Masahide Ozaki	2.8 GHz to 10 GHz
August 27, 2025	WAC2	25 deg. C	48 % RH	Miku Ikudome	10 GHz to 18 GHz
August 24, 2025	WAC2	25 deg. C	48 % RH	Kouki Yamada	Above 18 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.	2483.500	PK	50.59	27.77	-28.22	-	2.37	52.51	73.9	21.3	213	244	-
Hori.	2484.894	PK	51.57	27.77	-28.22	-	2.37	53.49	73.9	20.4	213	244	-
Hori.	4944.000	PK	50.14	32.56	-35.93	-	2.37	49.14	73.9	24.7	212	166	-
Hori.	7416.000	PK	45.73	36.78	-33.33	-	2.37	51.55	73.9	22.3	150	0	Floor Noise
Hori.	9888.000	PK	44.87	38.13	-30.76	-	2.37	54.61	73.9	19.2	150	0	Floor Noise
Hori.	7416.000	AV	35.02	36.78	-33.33	-	2.37	40.84	53.9	13.0	150	0	Floor Noise
Hori.	9888.000	AV	34.35	38.13	-30.76	-	2.37	44.09	53.9	9.8	150	0	Floor Noise
Vert.	2483.500	PK	48.54	27.77	-28.22	-	2.37	50.46	73.9	23.4	130	154	-
Vert.	2485.018	PK	48.99	27.77	-28.22	-	2.37	50.91	73.9	22.9	130	154	-
Vert.	4944.000	PK	50.17	32.56	-35.93	-	2.37	49.17	73.9	24.7	178	106	-
Vert.	7416.000	PK	45.54	36.78	-33.33	-	2.37	51.36	73.9	22.5	150	0	Floor Noise
Vert.	9888.000	PK	45.77	38.13	-30.76	-	2.37	55.51	73.9	18.3	150	0	Floor Noise
Vert.	7416.000	AV	34.91	36.78	-33.33	-	2.37	40.73	53.9	13.1	150	0	Floor Noise
Vert.	9888.000	AV	34.25	38.13	-30.76	-	2.37	43.99	53.9	9.9	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
*Other frequency noises omitted in this report w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	42.13	27.77	-28.22	-	0.16	2.37	44.21	53.9	9.6	*1)
Hori.	2484.894	AV	44.63	27.77	-28.22	-	0.16	2.37	46.71	53.9	**7.1**	*2)
Hori.	4944.000	AV	41.87	32.56	-35.93	-	0.16	2.37	41.03	53.9	12.8	-
Vert.	2483.500	AV	38.94	27.77	-28.22	-	0.16	2.37	41.02	53.9	12.8	*1)
Vert.	2485.018	AV	40.56	27.77	-28.22	-	0.16	2.37	42.64	53.9	11.2	*2)
Vert.	4944.000	AV	42.01	32.56	-35.93	-	0.16	2.37	41.17	53.9	12.7	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

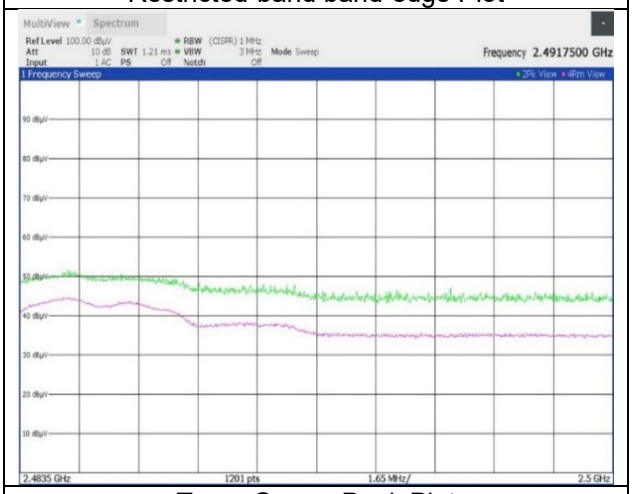
Radiated Spurious Emission

Mode	Tx 11b 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 2.8 GHz

Horizontal

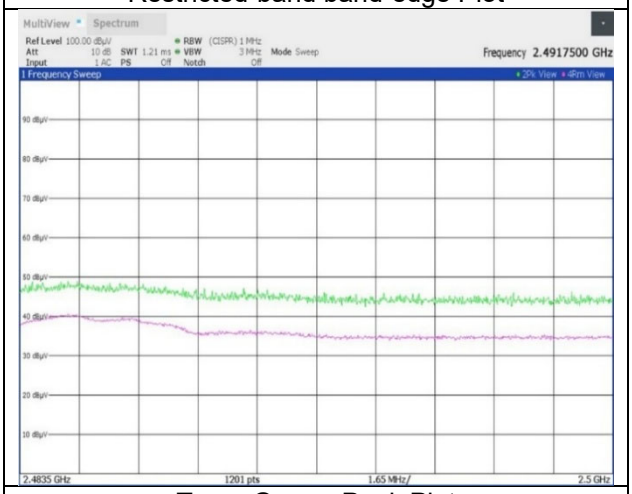
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* 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 11g 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 9, 2025	WAC2	24 deg. C	43 % RH	Masahide Ozaki	1 GHz to 10 GHz
October 21, 2025	WAC2	20 deg. C	59 % RH	Masahide Ozaki	Above 10 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	55.28	27.71	-28.27	-	2.37	57.09	73.9	16.8	154	128	-
Hori.	4824.000	PK	47.42	31.95	-35.97	-	2.37	45.77	73.9	28.1	240	194	-
Hori.	7236.000	PK	45.73	36.40	-34.36	-	2.37	50.14	73.9	23.7	150	0	Floor Noise
Hori.	9648.000	PK	46.08	38.04	-31.28	-	2.37	55.21	73.9	18.6	150	0	Floor Noise
Hori.	7236.000	AV	35.10	36.40	-34.36	-	2.37	39.51	53.9	14.3	150	0	Floor Noise
Hori.	9648.000	AV	35.06	38.04	-31.28	-	2.37	44.19	53.9	9.7	150	0	Floor Noise
Vert.	2390.000	PK	52.42	27.71	-28.27	-	2.37	54.23	73.9	19.6	100	160	-
Vert.	4824.000	PK	47.54	31.95	-35.97	-	2.37	45.89	73.9	28.0	137	132	-
Vert.	7236.000	PK	46.16	36.40	-34.36	-	2.37	50.57	73.9	23.3	150	0	Floor Noise
Vert.	9648.000	PK	46.09	38.04	-31.28	-	2.37	55.22	73.9	18.6	150	0	Floor Noise
Vert.	7236.000	AV	35.09	36.40	-34.36	-	2.37	39.50	53.9	14.4	150	0	Floor Noise
Vert.	9648.000	AV	35.08	38.04	-31.28	-	2.37	44.21	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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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	42.78	27.71	-28.27	-	1.02	2.37	45.61	53.9	**8.2**	*1)
Hori.	4824.000	AV	36.02	31.95	-35.97	-	1.02	2.37	35.39	53.9	18.5	-
Vert.	2390.000	AV	39.00	27.71	-28.27	-	1.02	2.37	41.83	53.9	12.0	*1)
Vert.	4824.000	AV	36.01	31.95	-35.97	-	1.02	2.37	35.38	53.9	18.5	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

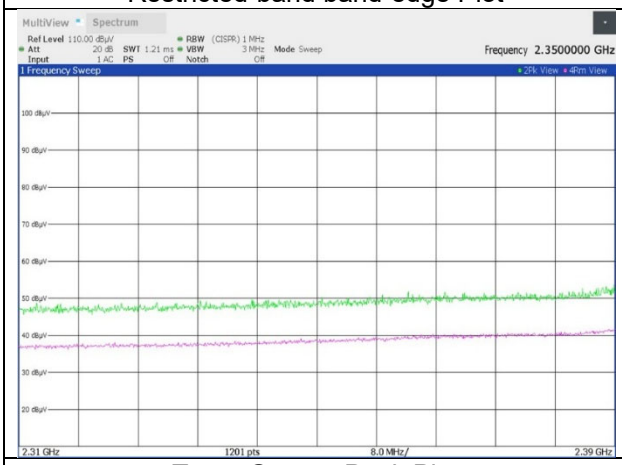
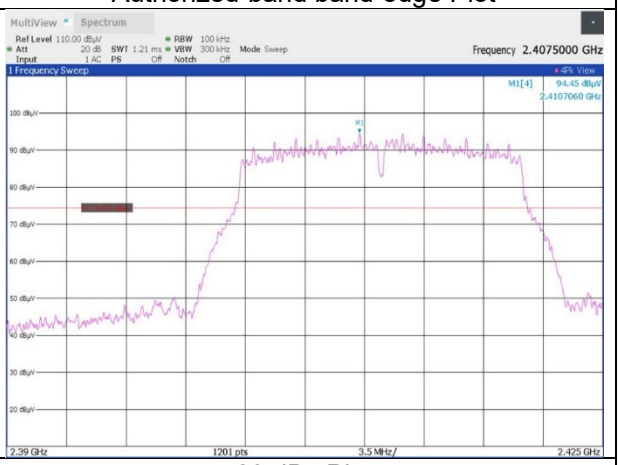
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2412.000	PK	94.45	27.77	-28.26	-	2.37	96.33	-	-	Carrier
Hori.	2400.000	PK	50.61	27.73	-28.26	-	2.37	52.45	76.3	23.8	-
Vert.	2412.000	PK	90.40	27.77	-28.26	-	2.37	92.28	-	-	Carrier
Vert.	2400.000	PK	47.08	27.73	-28.26	-	2.37	48.92	72.2	23.2	-

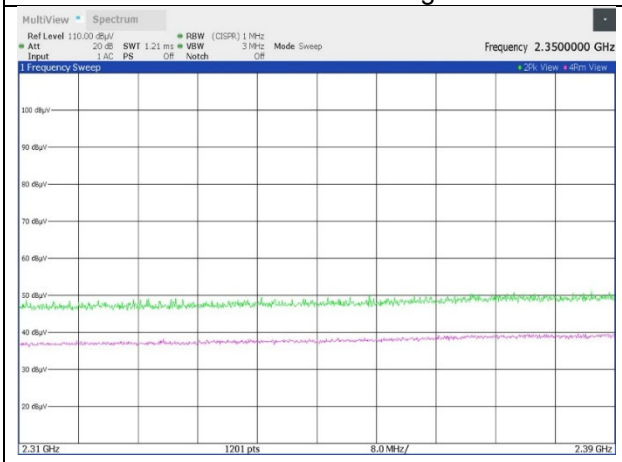
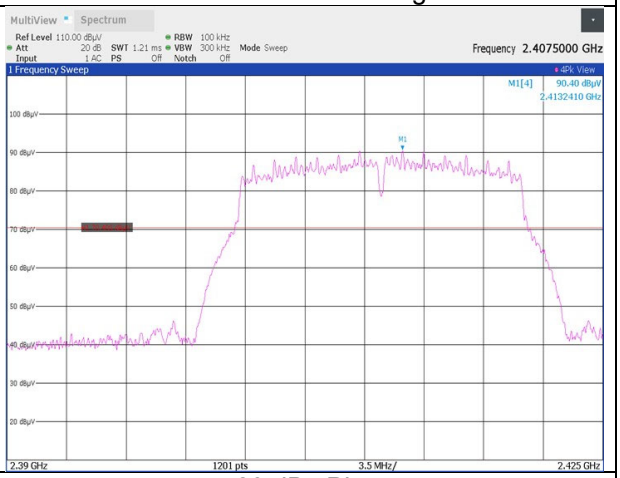
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11g 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 9, 2025	WAC2	24 deg. C	43 % RH	Masahide Ozaki	1 GHz to 2.8 GHz

Horizontal	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

Vertical	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

* 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 11g 2437 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 9, 2025	WAC2	24 deg. C	43 % RH	Masahide Ozaki	1 GHz to 10 GHz
October 21, 2025	WAC2	20 deg. C	59 % RH	Masahide Ozaki	Above 10 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.	4874.000	PK	47.40	32.23	-35.95	-	2.37	46.05	73.9	27.8	247	197	-
Hori.	7311.000	PK	46.10	36.63	-34.21	-	2.37	50.89	73.9	23.0	150	0	Floor Noise
Hori.	9748.000	PK	45.81	38.08	-31.15	-	2.37	55.11	73.9	18.7	150	0	Floor Noise
Hori.	7311.000	AV	35.58	36.63	-34.21	-	2.37	40.37	53.9	13.5	150	0	Floor Noise
Hori.	9748.000	AV	34.82	38.08	-31.15	-	2.37	44.12	53.9	**9.7**	150	0	Floor Noise
Vert.	4874.000	PK	47.33	32.23	-35.95	-	2.37	45.98	73.9	27.9	154	136	-
Vert.	7311.000	PK	46.09	36.63	-34.21	-	2.37	50.88	73.9	23.0	150	0	Floor Noise
Vert.	9748.000	PK	45.43	38.08	-31.15	-	2.37	54.73	73.9	19.1	150	0	Floor Noise
Vert.	7311.000	AV	35.69	36.63	-34.21	-	2.37	40.48	53.9	13.4	150	0	Floor Noise
Vert.	9748.000	AV	34.83	38.08	-31.15	-	2.37	44.13	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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	4874.000	AV	36.17	32.23	-35.95	-	0.00	2.37	34.82	53.9	19.0	-
Vert.	4874.000	AV	36.30	32.23	-35.95	-	0.00	2.37	34.95	53.9	18.9	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]
Duty factor refer to "Burst rate confirmation" sheet.

Radiated Spurious Emission

Mode	Tx 11g 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 9, 2025	WAC2	24 deg. C	43 % RH	Masahide Ozaki	1 GHz to 10 GHz
October 21, 2025	WAC2	20 deg. C	59 % RH	Masahide Ozaki	Above 10 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.	2483.500	PK	51.74	27.77	-28.21	-	2.37	53.67	73.9	20.2	162	134	-
Hori.	4924.000	PK	47.90	32.49	-35.93	-	2.37	46.83	73.9	27.0	216	195	-
Hori.	7386.000	PK	45.81	36.75	-34.07	-	2.37	50.86	73.9	23.0	150	0	Floor Noise
Hori.	9848.000	PK	45.37	38.11	-31.00	-	2.37	54.85	73.9	19.0	150	0	Floor Noise
Hori.	7386.000	AV	35.06	36.75	-34.07	-	2.37	40.11	53.9	13.7	150	0	Floor Noise
Hori.	9848.000	AV	34.57	38.11	-31.00	-	2.37	44.05	53.9	9.8	150	0	Floor Noise
Vert.	2483.500	PK	48.76	27.77	-28.21	-	2.37	50.69	73.9	23.2	155	155	-
Vert.	4924.000	PK	47.15	32.49	-35.93	-	2.37	46.08	73.9	27.8	146	134	-
Vert.	7386.000	PK	45.95	36.75	-34.07	-	2.37	51.00	73.9	22.9	150	0	Floor Noise
Vert.	9848.000	PK	45.45	38.11	-31.00	-	2.37	54.93	73.9	18.9	150	0	Floor Noise
Vert.	7386.000	AV	34.99	36.75	-34.07	-	2.37	40.04	53.9	13.8	150	0	Floor Noise
Vert.	9848.000	AV	34.72	38.11	-31.00	-	2.37	44.20	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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	39.70	27.77	-28.21	-	1.02	2.37	42.65	53.9	11.2	*1)
Hori.	4924.000	AV	36.54	32.49	-35.93	-	1.02	2.37	36.49	53.9	17.4	-
Vert.	2483.500	AV	37.48	27.77	-28.21	-	1.02	2.37	40.43	53.9	13.4	*1)
Vert.	4924.000	AV	36.52	32.49	-35.93	-	1.02	2.37	36.47	53.9	17.4	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

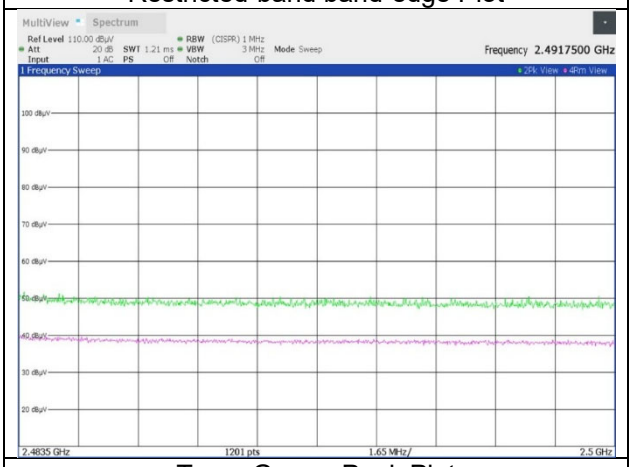
Radiated Spurious Emission

Mode	Tx 11g 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 9, 2025	WAC2	24 deg. C	43 % RH	Masahide Ozaki	1 GHz to 2.8 GHz

Horizontal

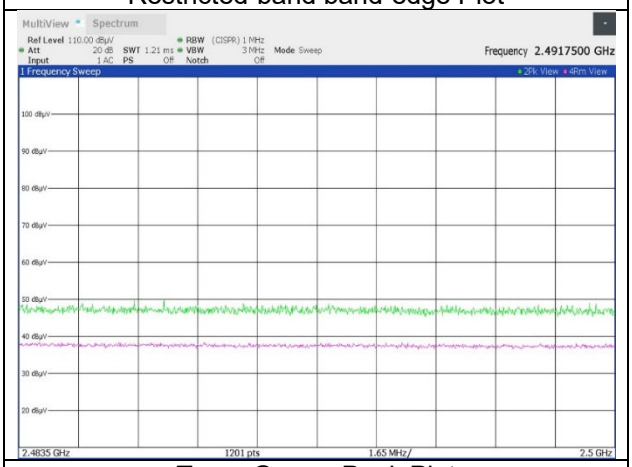
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* 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 11g 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 9, 2025	WAC2	24 deg. C	43 % RH	Masahide Ozaki	1 GHz to 10 GHz
October 21, 2025	WAC2	20 deg. C	59 % RH	Masahide Ozaki	Above 10 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.	2483.500	PK	57.75	27.77	-28.21	-	2.37	59.68	73.9	14.2	152	136	-
Hori.	2484.043	PK	57.95	27.77	-28.21	-	2.37	59.88	73.9	14.0	152	136	-
Hori.	4944.000	PK	47.79	32.56	-35.92	-	2.37	46.80	73.9	27.1	235	195	-
Hori.	7416.000	PK	46.13	36.78	-34.02	-	2.37	51.26	73.9	22.6	150	0	Floor Noise
Hori.	9888.000	PK	45.59	38.13	-30.95	-	2.37	55.14	73.9	18.7	150	0	Floor Noise
Hori.	7416.000	AV	34.96	36.78	-34.02	-	2.37	40.09	53.9	13.8	150	0	Floor Noise
Hori.	9888.000	AV	34.66	38.13	-30.95	-	2.37	44.21	53.9	9.6	150	0	Floor Noise
Vert.	2483.500	PK	52.40	27.77	-28.21	-	2.37	54.33	73.9	19.5	149	166	-
Vert.	2484.098	PK	53.06	27.77	-28.21	-	2.37	54.99	73.9	18.9	149	166	-
Vert.	4944.000	PK	47.26	32.56	-35.92	-	2.37	46.27	73.9	27.6	129	124	-
Vert.	7416.000	PK	46.39	36.78	-34.02	-	2.37	51.52	73.9	22.3	150	0	Floor Noise
Vert.	9888.000	PK	45.69	38.13	-30.95	-	2.37	55.24	73.9	18.6	150	0	Floor Noise
Vert.	7416.000	AV	34.97	36.78	-34.02	-	2.37	40.10	53.9	13.8	150	0	Floor Noise
Vert.	9888.000	AV	34.67	38.13	-30.95	-	2.37	44.22	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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	45.29	27.77	-28.21	-	1.02	2.37	48.24	53.9	5.6	*1)
Hori.	2484.043	AV	46.99	27.77	-28.21	-	1.02	2.37	49.94	53.9	**3.9**	*1)
Hori.	4944.000	AV	36.25	32.56	-35.92	-	1.02	2.37	36.28	53.9	17.6	-
Vert.	2483.500	AV	40.37	27.77	-28.21	-	1.02	2.37	43.32	53.9	10.5	*1)
Vert.	2484.098	AV	42.67	27.77	-28.21	-	1.02	2.37	45.62	53.9	8.2	*1)
Vert.	4944.000	AV	36.30	32.56	-35.92	-	1.02	2.37	36.33	53.9	17.5	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

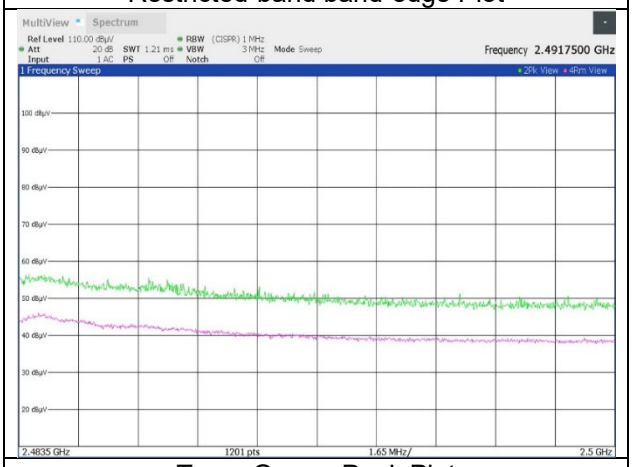
Radiated Spurious Emission

Mode	Tx 11g 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
October 9, 2025	WAC2	24 deg. C	43 % RH	Masahide Ozaki	1 GHz to 2.8 GHz

Horizontal

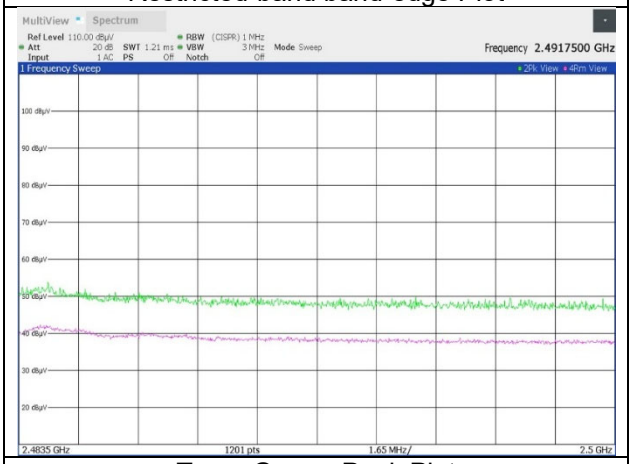
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDM)(SDM) 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	2.8 GHz to 10 GHz
August 27, 2025	WAC2	25 deg. C	48 % RH	Miku Ikudome	10 GHz to 18 GHz
August 24, 2025	WAC2	25 deg. C	48 % RH	Kouki Yamada	Above 18 GHz
September 12, 2025	WAC2	24 deg. C	46 % RH	Yosuke Murakami	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.	63.100	QP	42.50	9.50	6.51	33.17	0.00	25.34	40.0	14.6	341	189	-
Hori.	70.386	QP	45.40	9.29	6.60	33.20	0.00	28.09	40.0	11.9	344	212	-
Hori.	74.998	QP	43.50	9.16	6.73	33.21	0.00	26.18	40.0	13.8	400	106	-
Hori.	416.403	QP	46.80	16.00	8.06	32.52	0.00	38.34	46.0	7.6	100	332	-
Hori.	2390.000	PK	57.12	27.71	-28.28	-	2.37	58.92	73.9	14.9	189	241	-
Hori.	4824.000	PK	47.72	31.95	-35.98	-	2.37	46.06	73.9	27.8	145	98	-
Hori.	7236.000	PK	46.20	36.40	-33.62	-	2.37	51.35	73.9	22.5	150	0	Floor Noise
Hori.	9648.000	PK	45.90	38.04	-30.99	-	2.37	55.32	73.9	18.5	150	0	Floor Noise
Hori.	7236.000	AV	35.20	36.40	-33.62	-	2.37	40.35	53.9	13.5	150	0	Floor Noise
Hori.	9648.000	AV	34.67	38.04	-30.99	-	2.37	44.09	53.9	9.8	150	0	Floor Noise
Vert.	32.017	QP	46.20	13.22	6.33	32.74	0.00	33.01	40.0	**6.9**	100	333	-
Vert.	37.732	QP	44.10	11.96	6.42	32.88	0.00	29.60	40.0	10.4	100	324	-
Vert.	52.878	QP	45.90	9.93	6.55	33.10	0.00	29.28	40.0	10.7	100	149	-
Vert.	68.163	QP	47.10	9.36	6.57	33.19	0.00	29.84	40.0	10.1	100	96	-
Vert.	416.403	QP	44.70	16.00	8.06	32.52	0.00	36.24	46.0	9.7	145	244	-
Vert.	2390.000	PK	54.02	27.71	-28.28	-	2.37	55.82	73.9	18.0	138	262	-
Vert.	4824.000	PK	47.36	31.95	-35.98	-	2.37	45.70	73.9	28.2	125	114	-
Vert.	7236.000	PK	46.69	36.40	-33.62	-	2.37	51.84	73.9	22.0	150	0	Floor Noise
Vert.	9648.000	PK	45.50	38.04	-30.99	-	2.37	54.92	73.9	18.9	150	0	Floor Noise
Vert.	7236.000	AV	35.42	36.40	-33.62	-	2.37	40.57	53.9	13.3	150	0	Floor Noise
Vert.	9648.000	AV	34.82	38.04	-30.99	-	2.37	44.24	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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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	42.31	27.71	-28.28	-	1.50	2.37	45.61	53.9	8.2	*1)
Hori.	4824.000	AV	36.72	31.95	-35.98	-	1.50	2.37	36.56	53.9	17.3	-
Vert.	2390.000	AV	39.89	27.71	-28.28	-	1.50	2.37	43.19	53.9	10.7	*1)
Vert.	4824.000	AV	36.42	31.95	-35.98	-	1.50	2.37	36.26	53.9	17.6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

20 dBc Data Sheet (RBW 100 kHz, VBW 300 kHz)

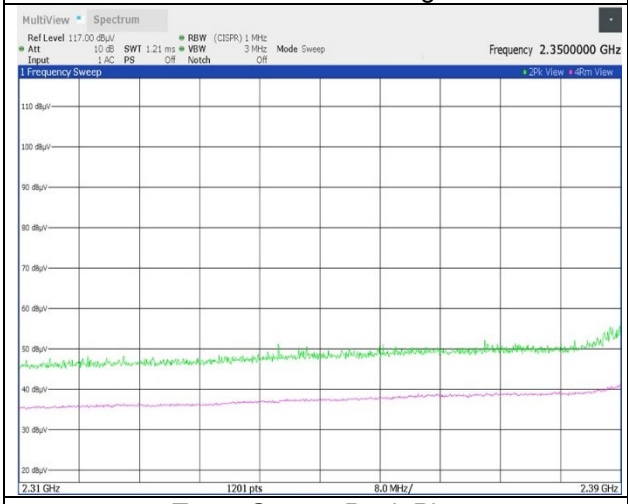
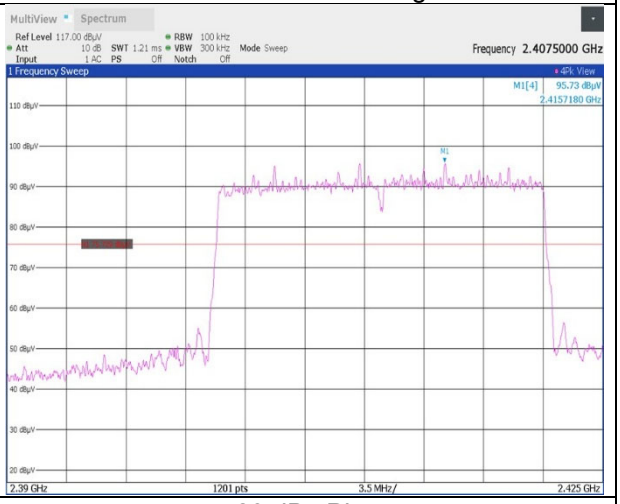
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2412.000	PK	95.73	27.77	-28.27	-	2.37	97.60	-	-	Carrier
Hori.	2400.000	PK	53.60	27.73	-28.27	-	2.37	55.43	77.6	22.1	-
Vert.	2412.000	PK	94.17	27.77	-28.27	-	2.37	96.04	-	-	Carrier
Vert.	2400.000	PK	49.29	27.73	-28.27	-	2.37	51.12	76.0	24.8	-

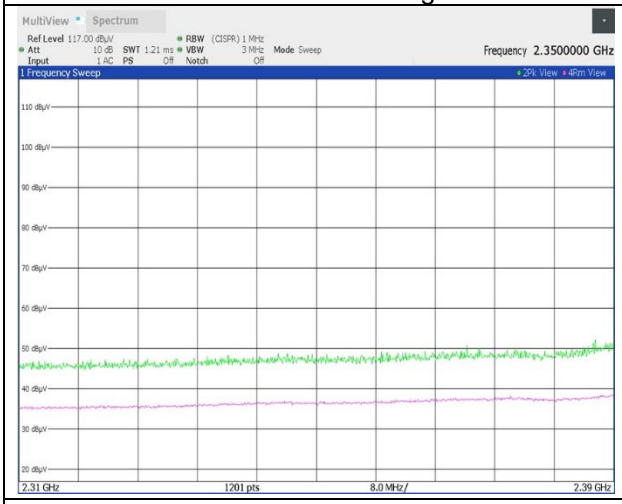
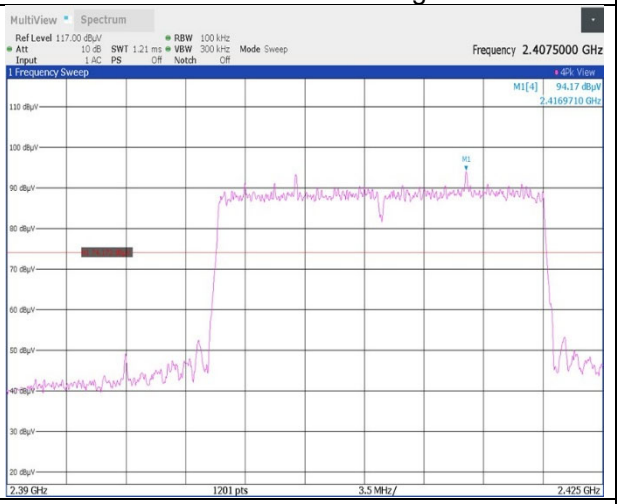
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDM)(SDM) 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

Horizontal	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

Vertical	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

* 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 11ax-20(OFDM)(SDM) 2437 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	25 deg. C	43 % RH	Masahide Ozaki	1 GHz to 2.8 GHz
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	2.8 GHz to 10 GHz
August 27, 2025	WAC2	25 deg. C	48 % RH	Miku Ikudome	10 GHz to 18 GHz
August 24, 2025	WAC2	25 deg. C	48 % RH	Kouki Yamada	Above 18 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.	4874.000	PK	46.85	32.23	-35.96	-	2.37	45.49	73.9	28.4	145	119	-
Hori.	7311.000	PK	46.88	36.63	-33.51	-	2.37	52.37	73.9	21.5	150	0	Floor Noise
Hori.	9748.000	PK	45.35	38.08	-30.90	-	2.37	54.90	73.9	19.0	150	0	Floor Noise
Hori.	7311.000	AV	35.52	36.63	-33.51	-	2.37	41.01	53.9	12.8	150	0	Floor Noise
Hori.	9748.000	AV	34.02	38.08	-30.90	-	2.37	43.57	53.9	10.3	150	0	Floor Noise
Vert.	4874.000	PK	47.55	32.23	-35.96	-	2.37	46.19	73.9	27.7	151	70	-
Vert.	7311.000	PK	46.38	36.63	-33.51	-	2.37	51.87	73.9	22.0	150	0	Floor Noise
Vert.	9748.000	PK	45.07	38.08	-30.90	-	2.37	54.62	73.9	19.2	150	0	Floor Noise
Vert.	7311.000	AV	35.47	36.63	-33.51	-	2.37	40.96	53.9	12.9	150	0	Floor Noise
Vert.	9748.000	AV	34.12	38.08	-30.90	-	2.37	43.67	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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	4874.000	AV	35.88	32.23	-35.96	-	1.50	2.37	36.02	53.9	17.8	-
Vert.	4874.000	AV	36.16	32.23	-35.96	-	1.50	2.37	36.30	53.9	17.6	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]
Duty factor refer to "Burst rate confirmation" sheet.

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDM)(SDM) 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	2.8 GHz to 10 GHz
August 27, 2025	WAC2	25 deg. C	48 % RH	Miku Ikudome	10 GHz to 18 GHz
August 24, 2025	WAC2	25 deg. C	48 % RH	Kouki Yamada	Above 18 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.	2483.500	PK	58.15	27.77	-28.22	-	2.37	60.07	73.9	13.8	240	246	-
Hori.	4924.000	PK	46.65	32.49	-35.94	-	2.37	45.57	73.9	28.3	155	127	-
Hori.	7386.000	PK	45.92	36.75	-33.37	-	2.37	51.67	73.9	22.2	150	0	Floor Noise
Hori.	9848.000	PK	45.38	38.11	-30.79	-	2.37	55.07	73.9	18.8	150	0	Floor Noise
Hori.	7386.000	AV	34.71	36.75	-33.37	-	2.37	40.46	53.9	13.4	150	0	Floor Noise
Hori.	9848.000	AV	34.56	38.11	-30.79	-	2.37	44.25	53.9	9.6	150	0	Floor Noise
Vert.	2483.500	PK	50.19	27.77	-28.22	-	2.37	52.11	73.9	21.7	110	152	-
Vert.	4924.000	PK	47.30	32.49	-35.94	-	2.37	46.22	73.9	27.6	125	87	-
Vert.	7386.000	PK	46.22	36.75	-33.37	-	2.37	51.97	73.9	21.9	150	0	Floor Noise
Vert.	9848.000	PK	45.34	38.11	-30.79	-	2.37	55.03	73.9	18.8	150	0	Floor Noise
Vert.	7386.000	AV	34.96	36.75	-33.37	-	2.37	40.71	53.9	13.1	150	0	Floor Noise
Vert.	9848.000	AV	34.40	38.11	-30.79	-	2.37	44.09	53.9	9.8	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
*Other frequency noises omitted in this report w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	41.94	27.77	-28.22	-	1.50	2.37	45.36	53.9	**8.5**	*1)
Hori.	4924.000	AV	35.91	32.49	-35.94	-	1.50	2.37	36.33	53.9	17.5	-
Vert.	2483.500	AV	37.99	27.77	-28.22	-	1.50	2.37	41.41	53.9	12.4	*1)
Vert.	4924.000	AV	36.00	32.49	-35.94	-	1.50	2.37	36.42	53.9	17.4	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

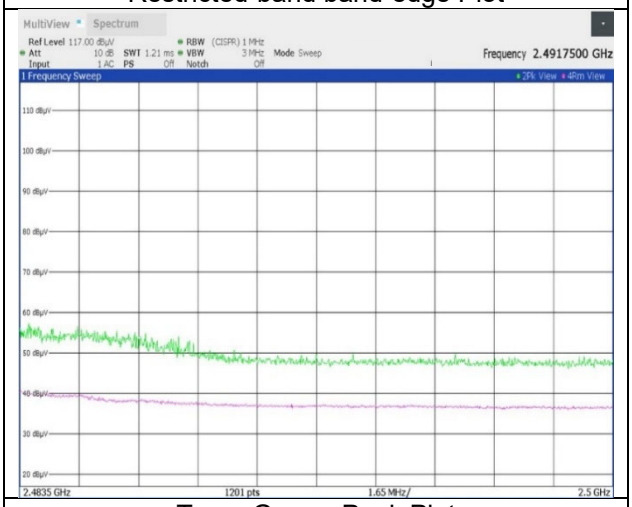
Radiated Spurious Emission

Mode	Tx 11ax-20(OFDM)(SDM) 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

Horizontal

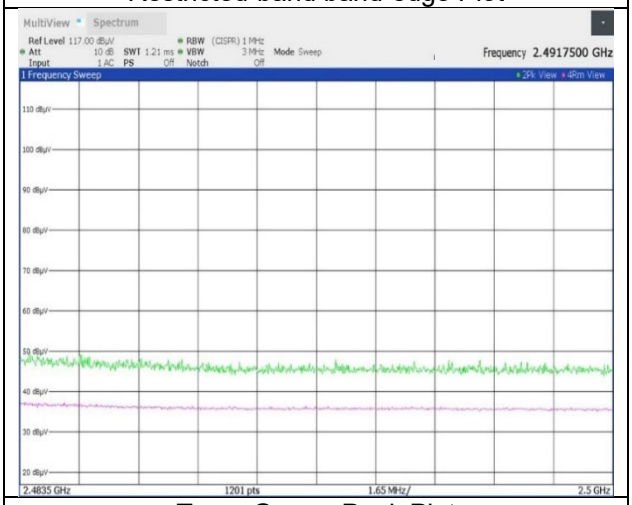
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDM)(SDM) 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 10 GHz
August 27, 2025	WAC2	25 deg. C	48 % RH	Miku Ikudome	10 GHz to 18 GHz
August 24, 2025	WAC2	25 deg. C	48 % RH	Kouki Yamada	Above 18 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.	2483.500	PK	58.75	27.77	-28.22	-	2.37	60.67	73.9	13.2	210	244	-
Hori.	4944.000	PK	47.63	32.56	-35.93	-	2.37	46.63	73.9	27.2	148	40	-
Hori.	7416.000	PK	46.01	36.78	-33.33	-	2.37	51.83	73.9	22.0	150	0	Floor Noise
Hori.	9888.000	PK	45.88	38.13	-30.76	-	2.37	55.62	73.9	18.2	150	0	Floor Noise
Hori.	7416.000	AV	34.82	36.78	-33.33	-	2.37	40.64	53.9	13.2	150	0	Floor Noise
Hori.	9888.000	AV	34.15	38.13	-30.76	-	2.37	43.89	53.9	10.0	150	0	Floor Noise
Vert.	2483.500	PK	53.99	27.77	-28.22	-	2.37	55.91	73.9	17.9	108	255	-
Vert.	4944.000	PK	47.49	32.56	-35.93	-	2.37	46.49	73.9	27.4	154	57	-
Vert.	7416.000	PK	46.04	36.78	-33.33	-	2.37	51.86	73.9	22.0	150	0	Floor Noise
Vert.	9888.000	PK	45.40	38.13	-30.76	-	2.37	55.14	73.9	18.7	150	0	Floor Noise
Vert.	7416.000	AV	34.77	36.78	-33.33	-	2.37	40.59	53.9	13.3	150	0	Floor Noise
Vert.	9888.000	AV	34.30	38.13	-30.76	-	2.37	44.04	53.9	9.8	150	0	Floor Noise

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
*Other frequency noises omitted in this report were not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	44.08	27.77	-28.22	-	1.50	2.37	47.50	53.9	**6.4**	*1)
Hori.	4944.000	AV	36.03	32.56	-35.93	-	1.50	2.37	36.53	53.9	17.3	-
Vert.	2483.500	AV	41.70	27.77	-28.22	-	1.50	2.37	45.12	53.9	8.7	*1)
Vert.	4944.000	AV	35.90	32.56	-35.93	-	1.50	2.37	36.40	53.9	17.5	-

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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)

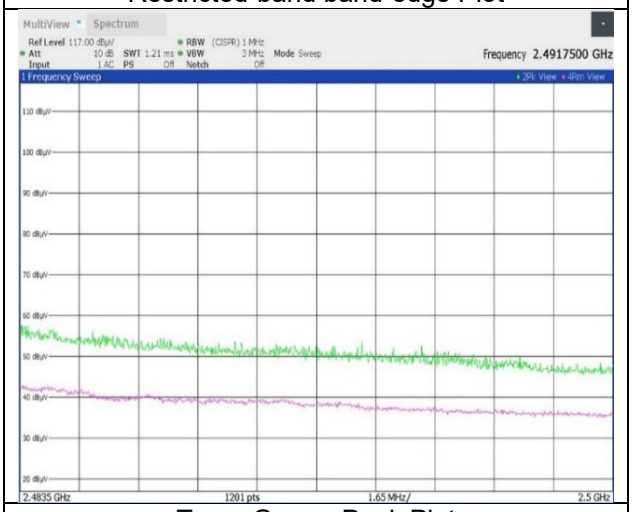
Radiated Spurious Emission

Mode	Tx 11ax-20(OFDM)(SDM) 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 5, 2025	WAC2	27 deg. C	48 % RH	Kouki Yamada	1 GHz to 2.8 GHz

Horizontal

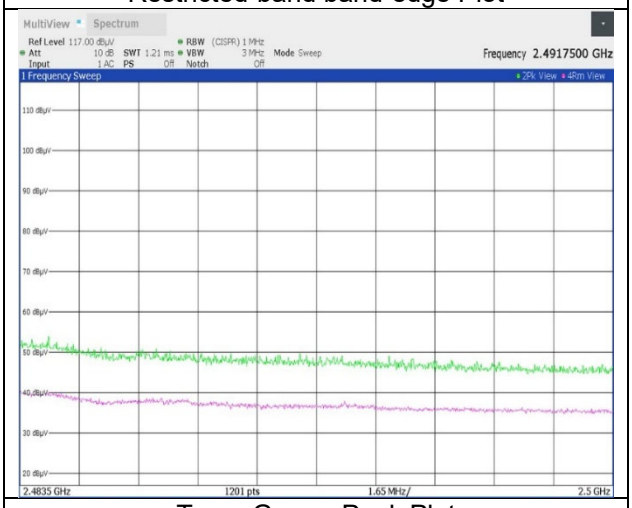
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 26-tone 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 0

(* 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	49.05	27.71	-28.28	-	2.37	50.85	73.9	23.0	258	242	-
Vert.	2390.000	PK	48.13	27.71	-28.28	-	2.37	49.93	73.9	23.9	140	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) + Distance Fac.
*Other frequency noises omitted in this report w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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	37.79	27.71	-28.28	-	0.65	2.37	40.24	53.9	**13.6**	*1)
Vert.	2390.000	AV	36.91	27.71	-28.28	-	0.65	2.37	39.36	53.9	14.5	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

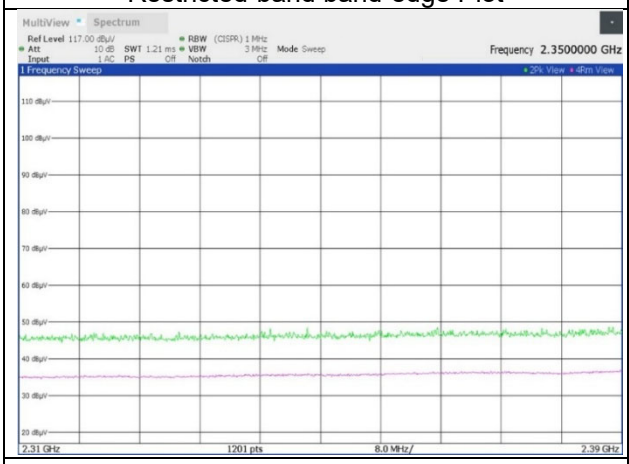
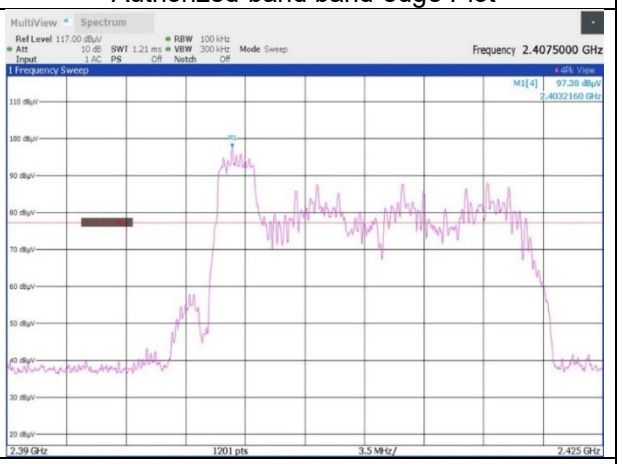
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2412.000	PK	97.38	27.77	-28.27	-	2.37	99.25	-	-	Carrier
Hori.	2400.000	PK	51.78	27.73	-28.27	-	2.37	53.61	79.2	25.5	-
Vert.	2412.000	PK	94.89	27.77	-28.27	-	2.37	96.76	-	-	Carrier
Vert.	2400.000	PK	50.60	27.73	-28.27	-	2.37	52.43	76.7	24.2	-

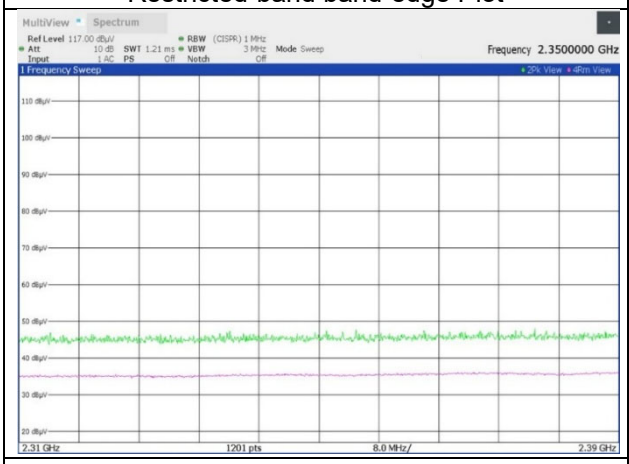
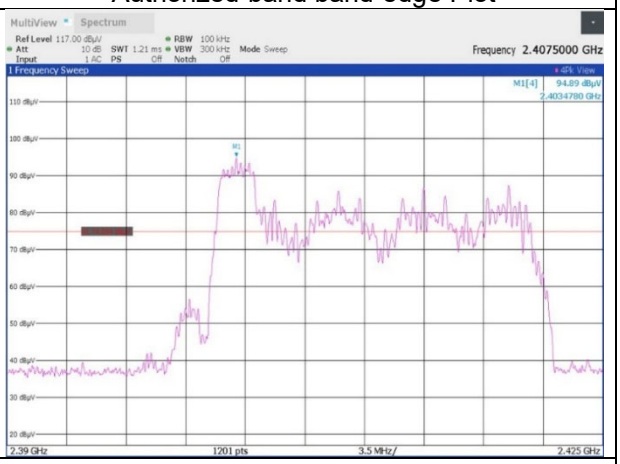
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 26-tone 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 0	
Horizontal	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

RU index 0	
Vertical	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

* 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 11ax-20(OFDMA)(SDM), 26-tone 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 8

(* 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.	2483.500	PK	47.64	27.77	-28.22	-	2.37	49.56	73.9	24.3	242	241	-
Vert.	2483.500	PK	47.59	27.77	-28.22	-	2.37	49.51	73.9	24.3	147	151	-

Result = Reading + Ant.Fac. + 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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	36.49	27.77	-28.22	-	0.65	2.37	39.06	53.9	**14.8**	*1)
Vert.	2483.500	AV	36.00	27.77	-28.22	-	0.65	2.37	38.57	53.9	15.3	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

Radiated Spurious Emission

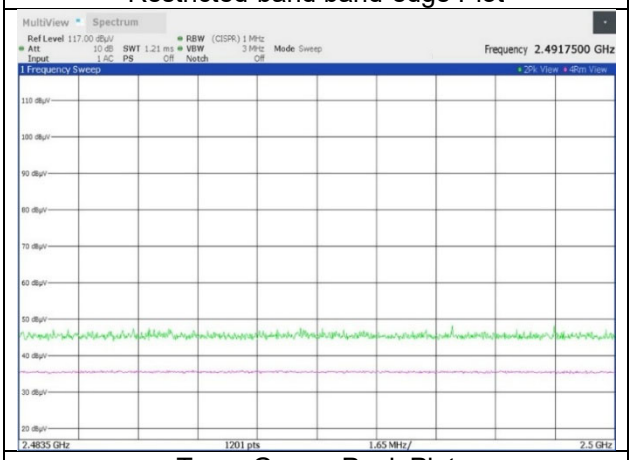
Mode	Tx 11ax-20(OFDMA)(SDM), 26-tone 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 8

Horizontal

Restricted-band band-edge Plot

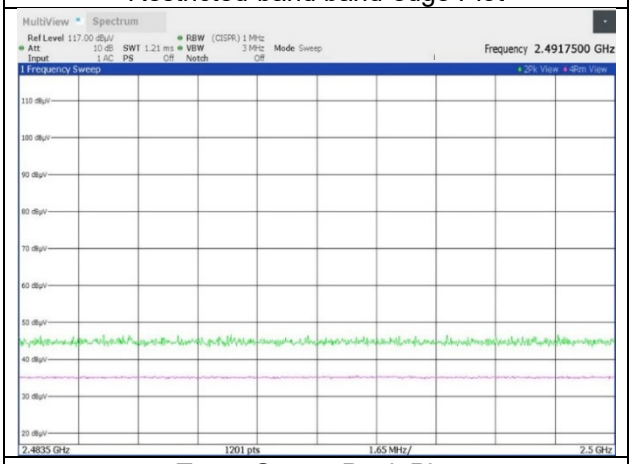


Trace Green: Peak Plot
Trace Purple: Average Plot

RU index 8

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 26-tone 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 8

(* 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.	2483.500	PK	61.82	27.77	-28.22	-	2.37	63.74	73.9	10.1	234	246	-
Vert.	2483.500	PK	59.39	27.77	-28.22	-	2.37	61.31	73.9	12.5	111	258	-

Result = Reading + Ant.Fac. + 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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	44.83	27.77	-28.22	-	0.65	2.37	47.40	53.9	**6.5**	*1)
Vert.	2483.500	AV	42.73	27.77	-28.22	-	0.65	2.37	45.30	53.9	8.6	*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 : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

Radiated Spurious Emission

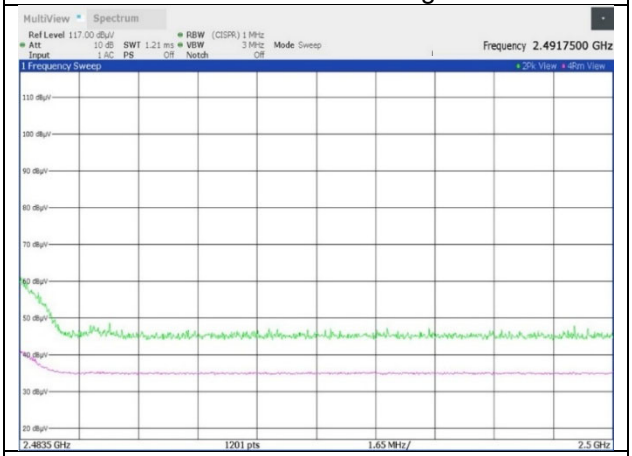
Mode	Tx 11ax-20(OFDMA)(SDM), 26-tone 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 8

Horizontal

Restricted-band band-edge Plot

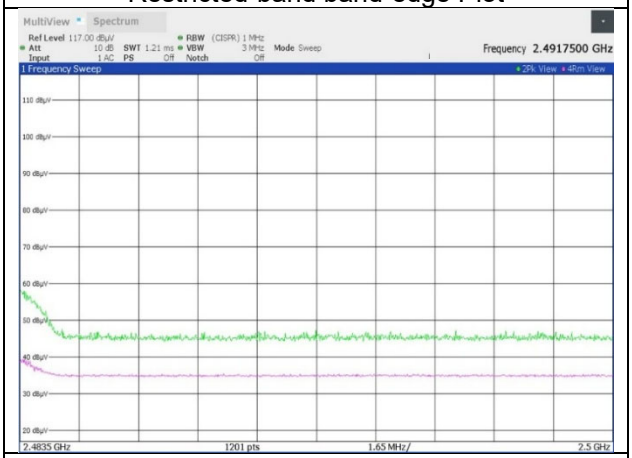


Trace Green: Peak Plot
Trace Purple: Average Plot

RU index 8

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 52-tone 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 37

(* 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	49.72	27.71	-28.28	-	2.37	51.52	73.9	22.3	233	255	-
Vert.	2390.000	PK	48.57	27.71	-28.28	-	2.37	50.37	73.9	23.5	141	256	-

Result = Reading + Ant.Fac. + 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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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	37.65	27.71	-28.28	-	0.97	2.37	40.42	53.9	**13.4**	*1)
Vert.	2390.000	AV	36.95	27.71	-28.28	-	0.97	2.37	39.72	53.9	14.1	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

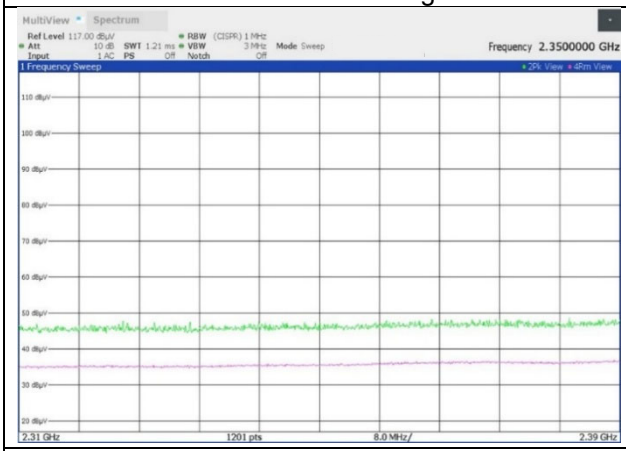
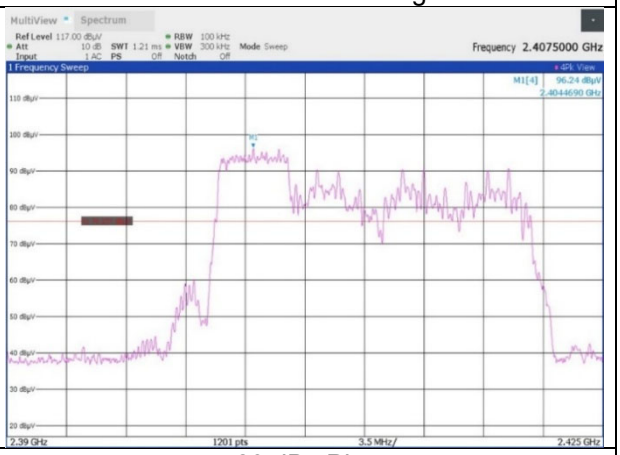
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2412.000	PK	96.24	27.77	-28.27	-	2.37	98.11	-	-	Carrier
Hori.	2400.000	PK	55.71	27.73	-28.27	-	2.37	57.54	78.1	20.5	-
Vert.	2412.000	PK	94.28	27.77	-28.27	-	2.37	96.15	-	-	Carrier
Vert.	2400.000	PK	53.17	27.73	-28.27	-	2.37	55.00	76.1	21.1	-

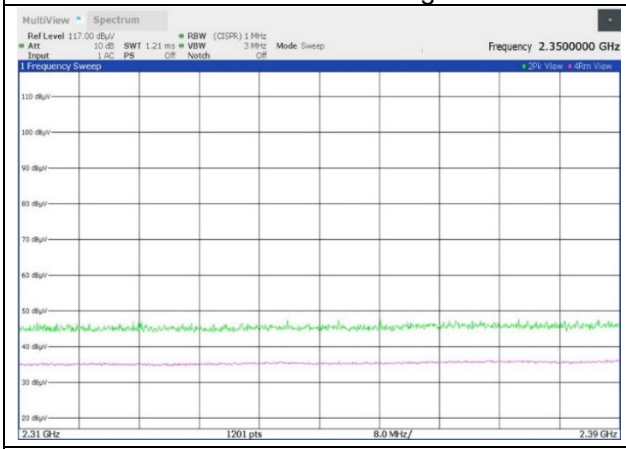
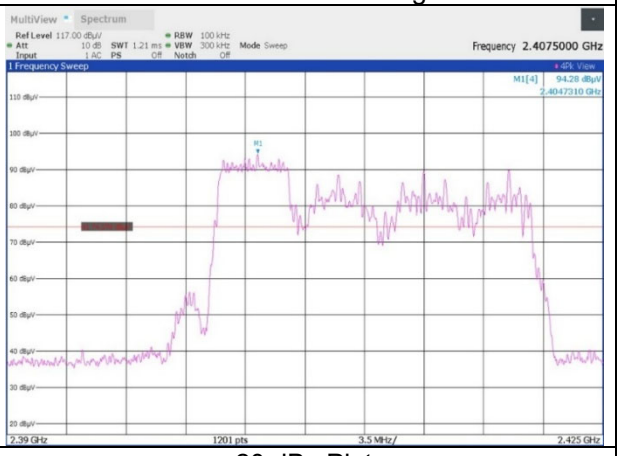
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 52-tone 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 37	
Horizontal	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

RU index 37	
Vertical	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

* 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 11ax-20(OFDMA)(SDM), 52-tone 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 40

(* 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.	2483.500	PK	48.71	27.77	-28.22	-	2.37	50.63	73.9	23.2	244	241	-
Vert.	2483.500	PK	47.39	27.77	-28.22	-	2.37	49.31	73.9	24.5	148	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) + Distance Fac.
*Other frequency noises omitted in this report w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	36.90	27.77	-28.22	-	0.97	2.37	39.79	53.9	**14.1**	*1)
Vert.	2483.500	AV	36.17	27.77	-28.22	-	0.97	2.37	39.06	53.9	14.8	*1)

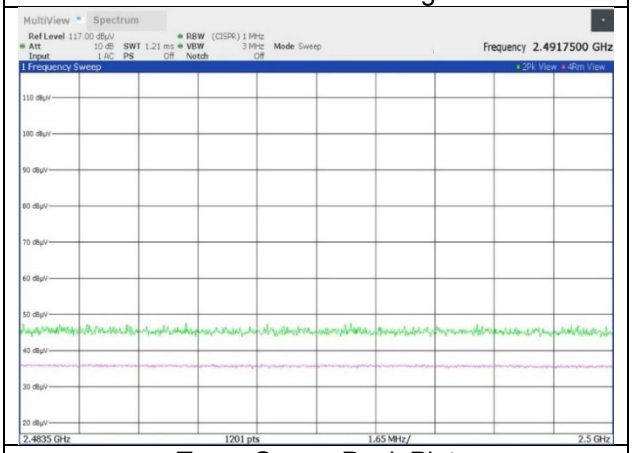
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]
Duty factor refer to "Burst rate confirmation" sheet.
*1) Not out of band emission (Leakage Pow er)

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 52-tone 2462 MHz

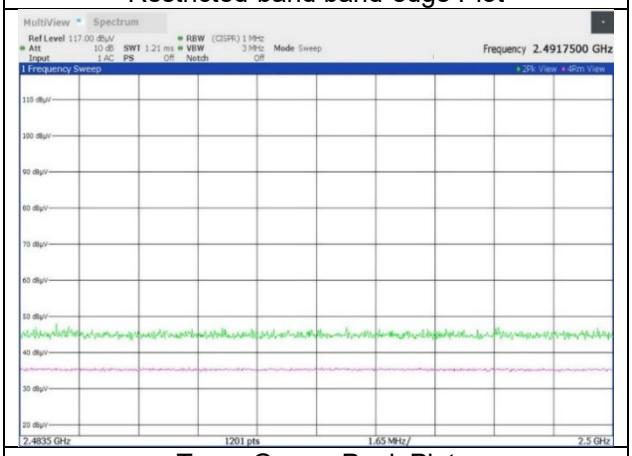
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 40
Horizontal
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

RU index 40
Vertical
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 52-tone 2472 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 40

(* 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.	2483.500	PK	60.60	27.77	-28.22	-	2.37	62.52	73.9	11.3	233	247	-
Vert.	2483.500	PK	59.23	27.77	-28.22	-	2.37	61.15	73.9	12.7	108	260	-

Result = Reading + Ant.Fac. + 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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	42.23	27.77	-28.22	-	0.97	2.37	45.12	53.9	**8.7**	*1)
Vert.	2483.500	AV	40.57	27.77	-28.22	-	0.97	2.37	43.46	53.9	10.4	*1)

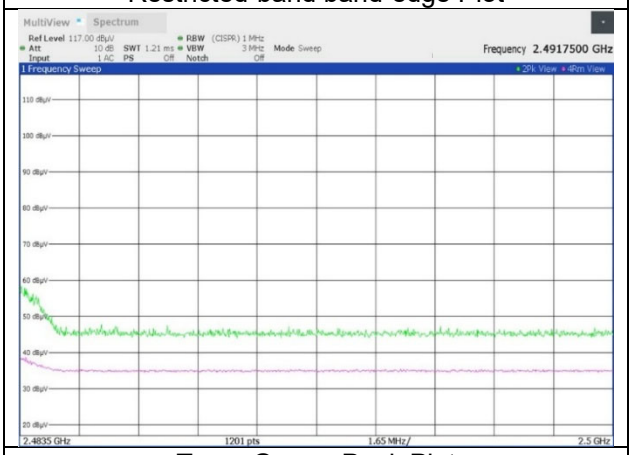
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]
Duty factor refer to "Burst rate confirmation" sheet.
*1) Not out of band emission (Leakage Pow er)

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 52-tone 2472 MHz

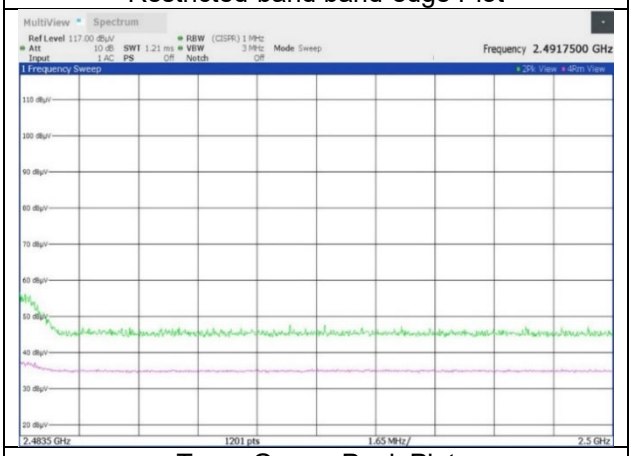
Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 40
Horizontal
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

RU index 40
Vertical
Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

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

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 106-tone 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 53

(* 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	52.98	27.71	-28.28	-	2.37	54.78	73.9	19.1	200	234	-
Vert.	2390.000	PK	50.60	27.71	-28.28	-	2.37	52.40	73.9	21.5	142	256	-

Result = Reading + Ant.Fac. + 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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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	40.53	27.71	-28.28	-	1.26	2.37	43.59	53.9	**10.3**	*1)
Vert.	2390.000	AV	39.06	27.71	-28.28	-	1.26	2.37	42.12	53.9	11.7	*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 (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

20 dBc Data Sheet

(RBW 100 kHz, VBW 300 kHz)

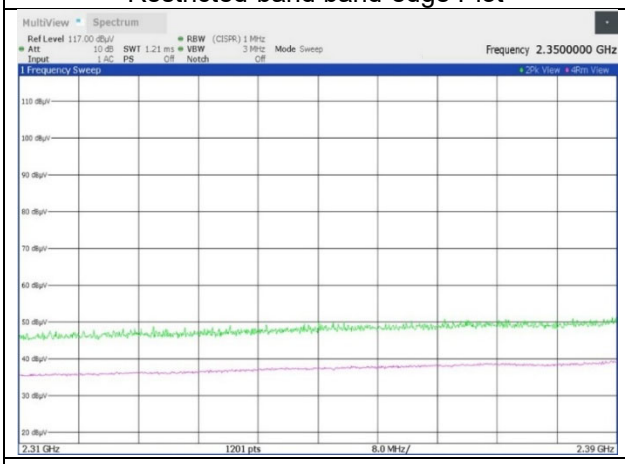
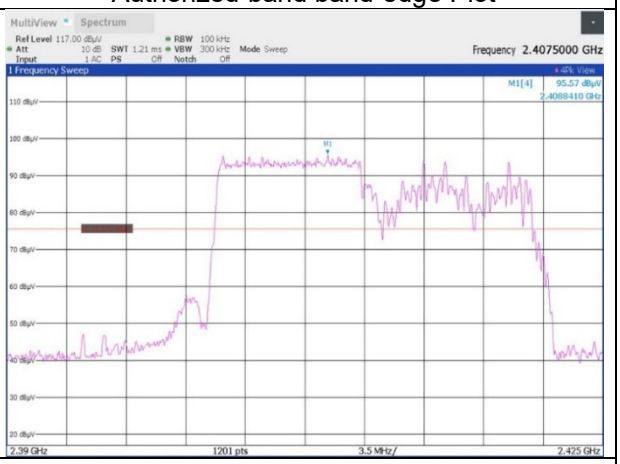
Polarity	Frequency [MHz]	Detector	Reading [dBuV]	Ant.Fac. [dB/m]	Loss [dB]	Gain [dB]	Distance Fac. [dB]	Result [dBuV/m]	Limit [dBuV/m]	Margin [dB]	Remark
Hori.	2412.000	PK	95.57	27.77	-28.27	-	2.37	97.44	-	-	Carrier
Hori.	2400.000	PK	53.60	27.73	-28.27	-	2.37	55.43	77.4	21.9	-
Vert.	2412.000	PK	93.66	27.77	-28.27	-	2.37	95.53	-	-	Carrier
Vert.	2400.000	PK	49.49	27.73	-28.27	-	2.37	51.32	75.5	24.1	-

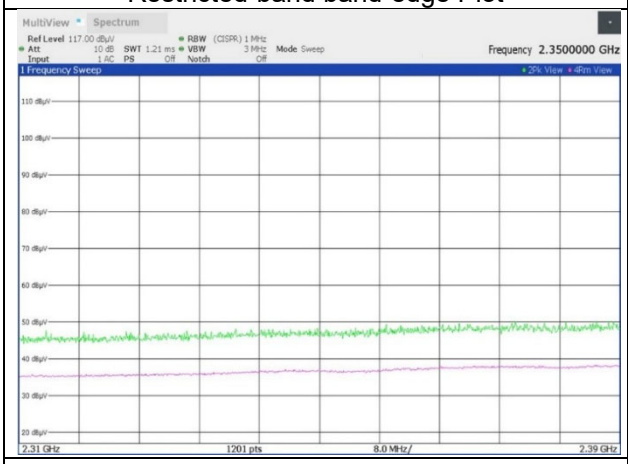
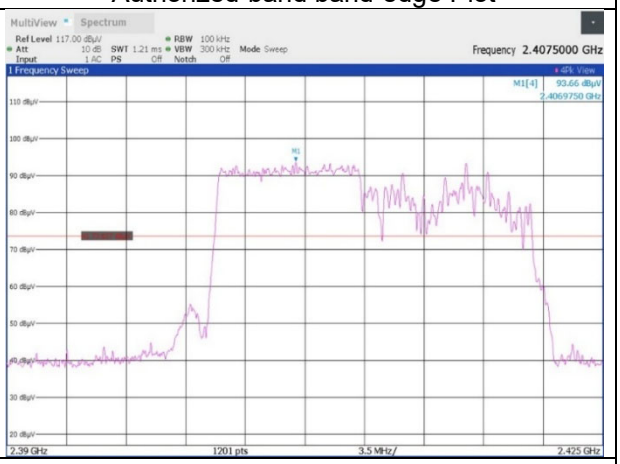
Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [dB]
10 GHz to 40 GHz : 20log (1.00 [m] / 3.0 [m]) = -9.54 [dB]

Radiated Spurious Emission

Mode	Tx 11ax-20(OFDMA)(SDM), 106-tone 2412 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 53	
Horizontal	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

RU index 53	
Vertical	
Restricted-band band-edge Plot	Authorized-band band-edge Plot
	
Trace Green : Peak Plot Trace Purple : Average Plot	20 dBc Plot

* 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 11ax-20(OFDMA)(SDM), 106-tone 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 54

(* 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.	2483.500	PK	50.22	27.77	-28.22	-	2.37	52.14	73.9	21.7	241	242	-
Vert.	2483.500	PK	48.57	27.77	-28.22	-	2.37	50.49	73.9	23.4	147	151	-

Result = Reading + Ant.Fac. + 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 w ere not seen or have enough margin (more than 20 dB).
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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.	2483.500	AV	38.58	27.77	-28.22	-	1.26	2.37	41.76	53.9	**12.1**	*1)
Vert.	2483.500	AV	36.71	27.77	-28.22	-	1.26	2.37	39.89	53.9	14.0	*1)

Result = Reading + Ant.Fac. + Loss (Cable + (Atten or Filter)(below 18 GHz) - Gain(Amp) (1 GHz to 18 GHz)) - Gain(Amp) (only below 1 GHz & above 18 GHz) + Duty Fac. + Distance Fac.
Distance Fac. : 1 GHz to 10 GHz : 20log (3.94 [m] / 3.0 [m]) = 2.37 [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 Pow er)

Radiated Spurious Emission

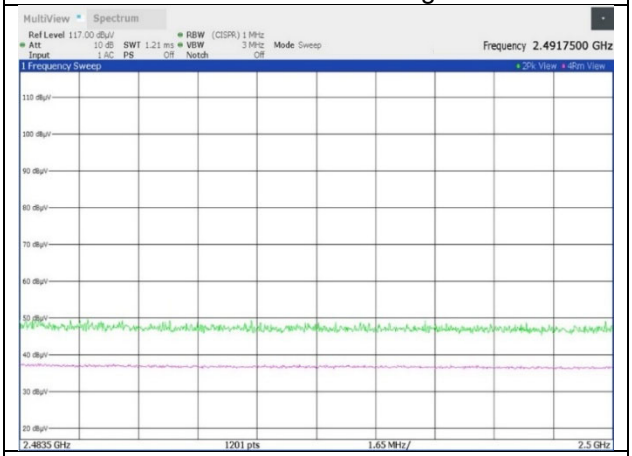
Mode	Tx 11ax-20(OFDMA)(SDM), 106-tone 2462 MHz

Date	Test site	Temperature	Humidity	Engineer	Measurement Range
August 4, 2025	WAC2	23 deg. C	49 % RH	Kouki Yamada	1 GHz to 2.8 GHz

RU index 54

Horizontal

Restricted-band band-edge Plot

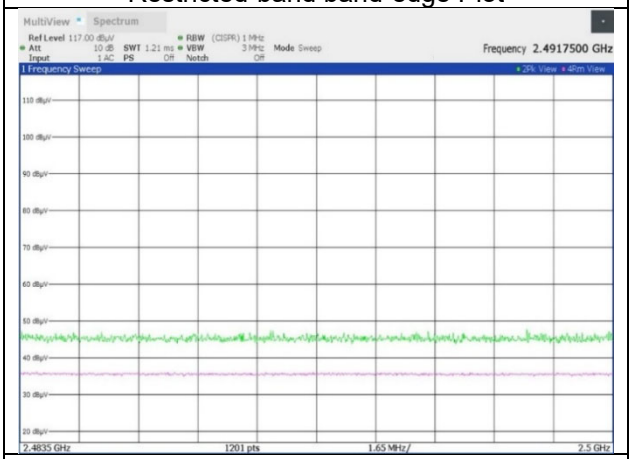


Trace Green: Peak Plot
Trace Purple: Average Plot

RU index 54

Vertical

Restricted-band band-edge Plot



Trace Green: Peak Plot
Trace Purple: Average Plot

* 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.