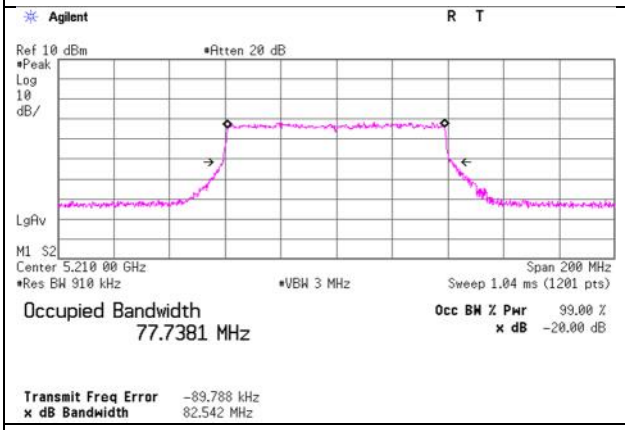
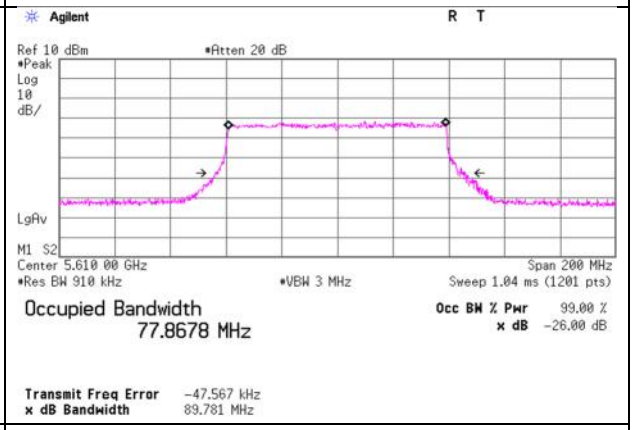
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11ax-80 [996-tone]

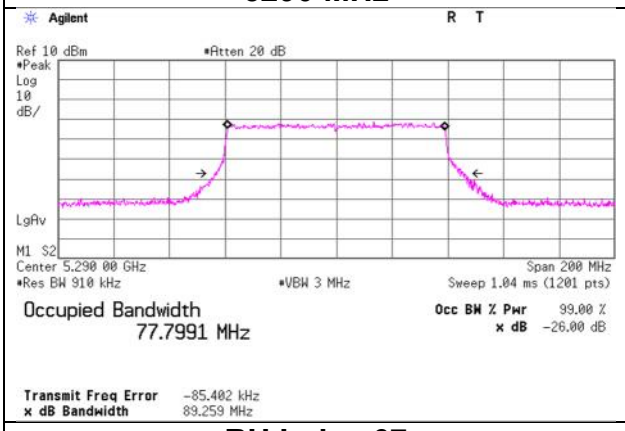
RU Index 67
5210 MHz



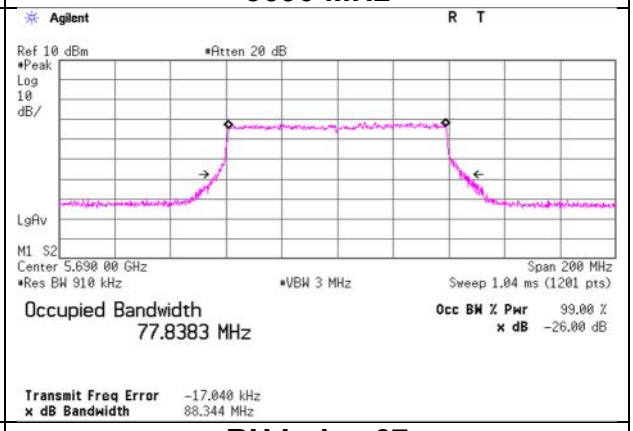
RU Index 67
5610 MHz



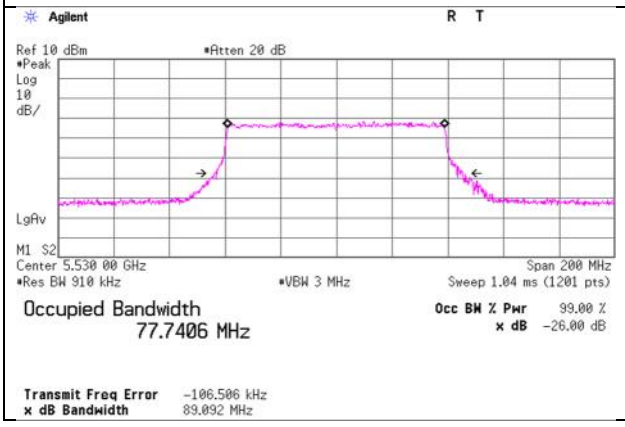
RU Index 67
5290 MHz



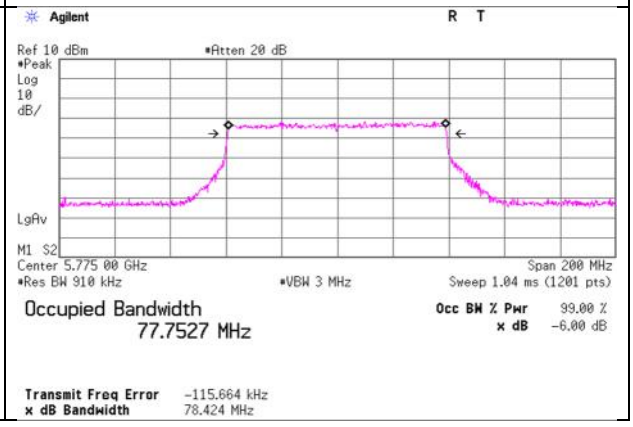
RU Index 67
5690 MHz



RU Index 67
5530 MHz



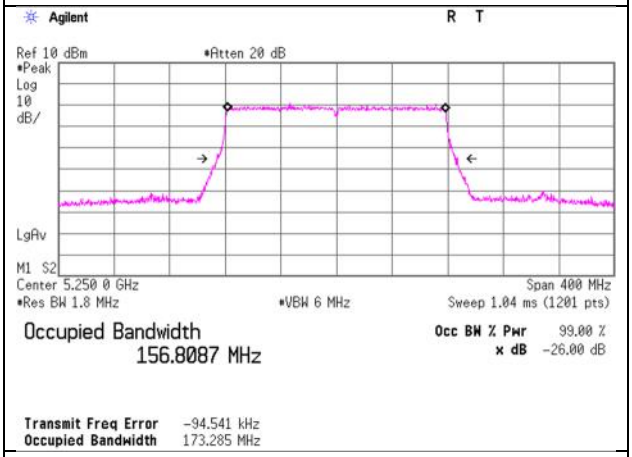
RU Index 67
5775 MHz



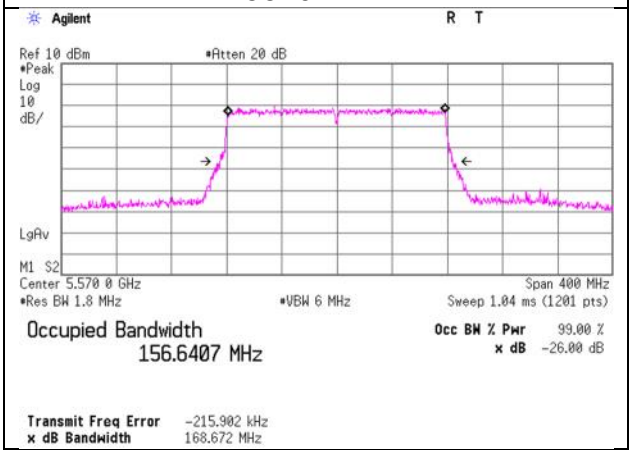
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11ax-160 (OFDM)

5250 MHz

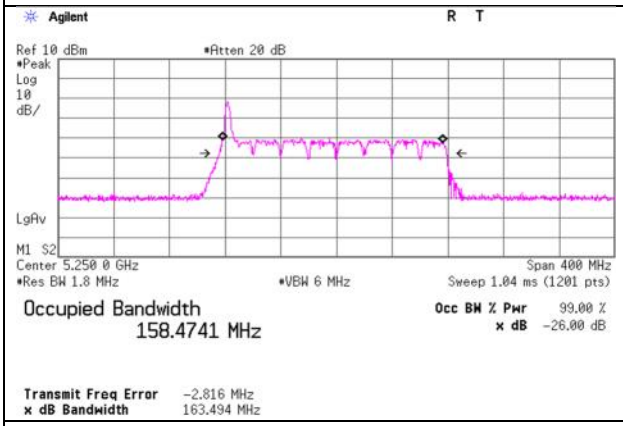
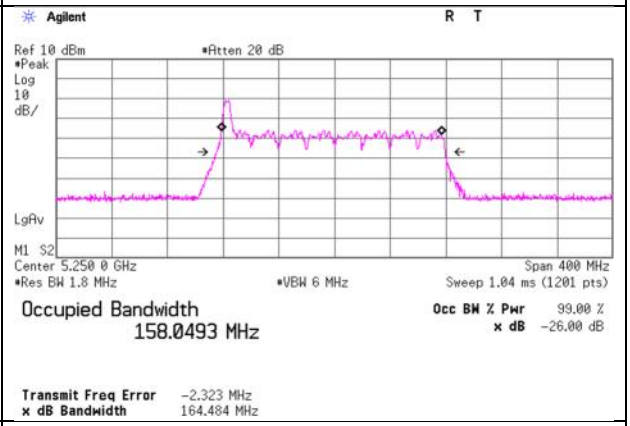
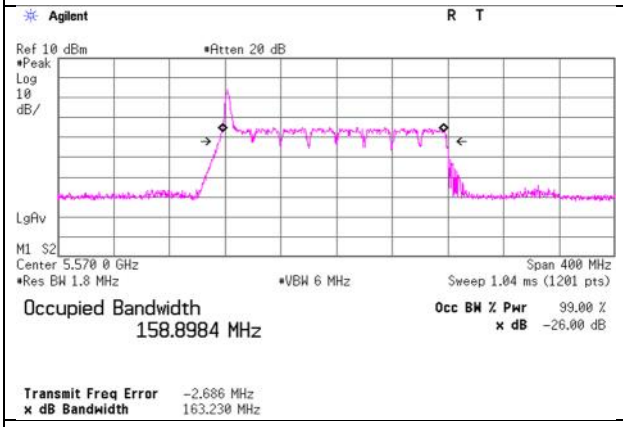
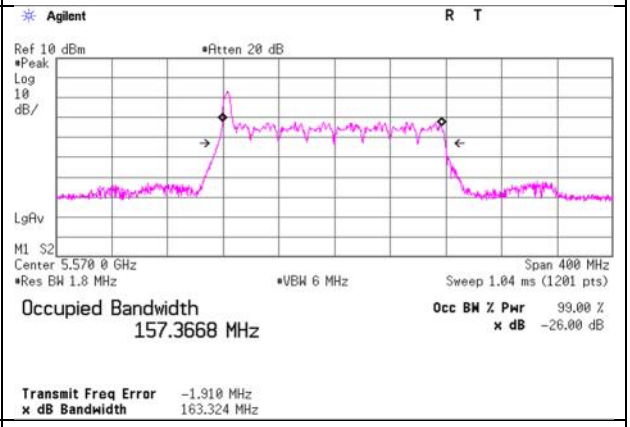
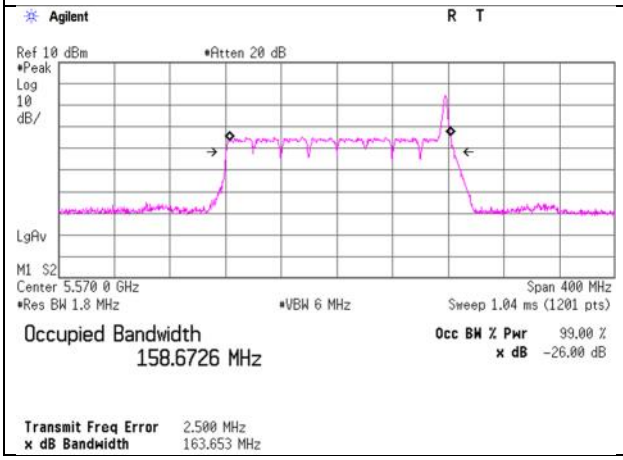
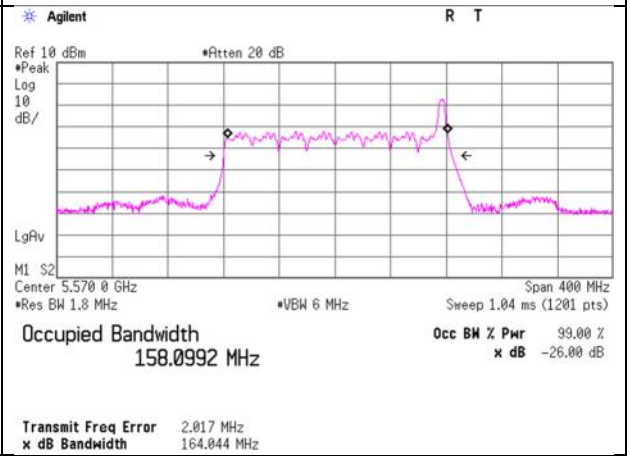


5570 MHz



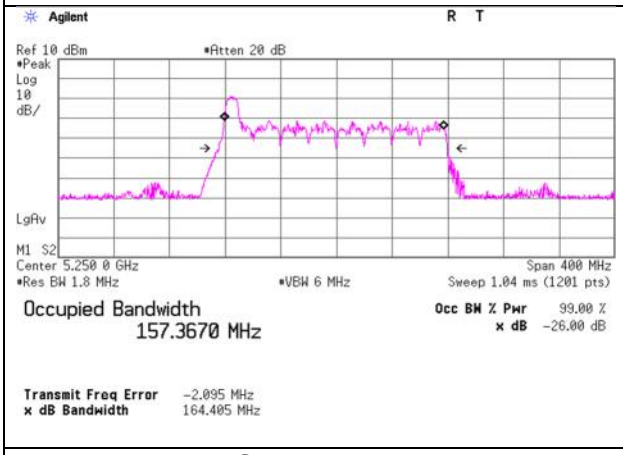
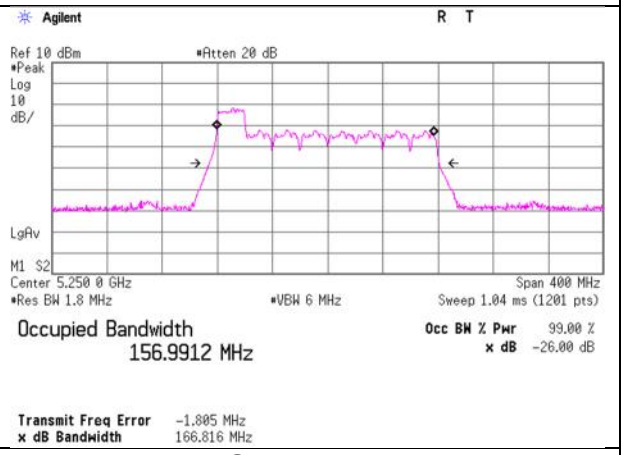
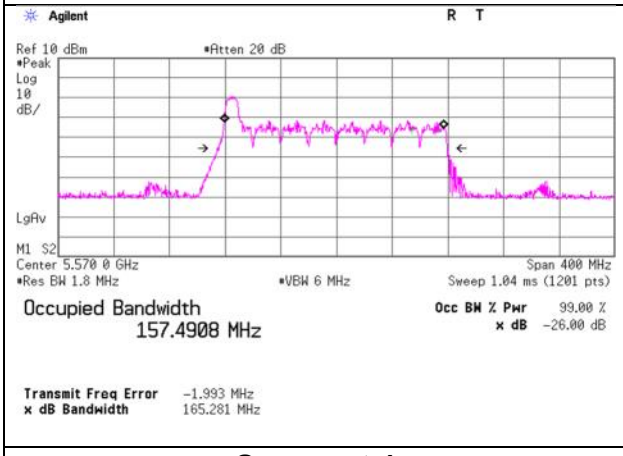
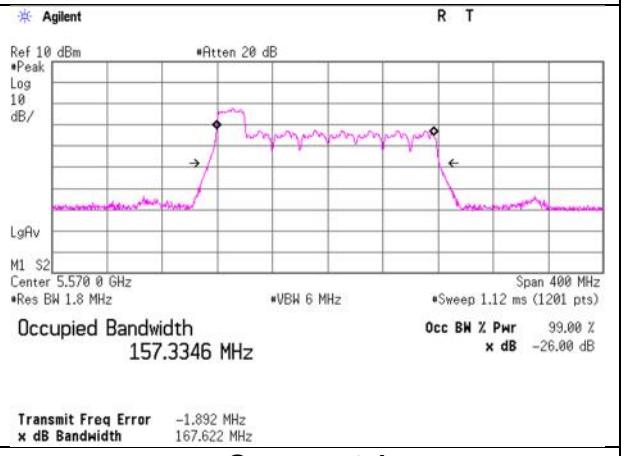
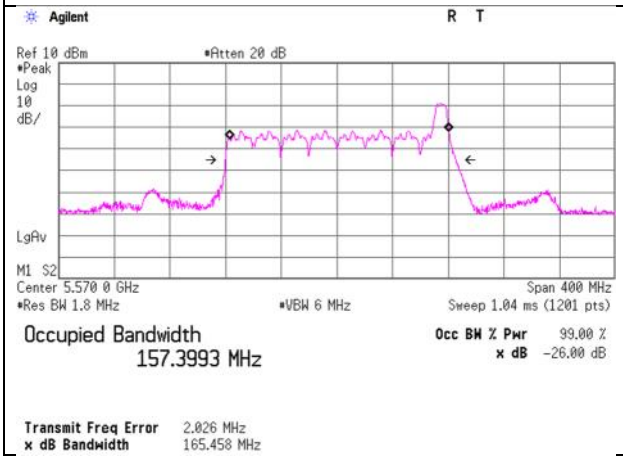
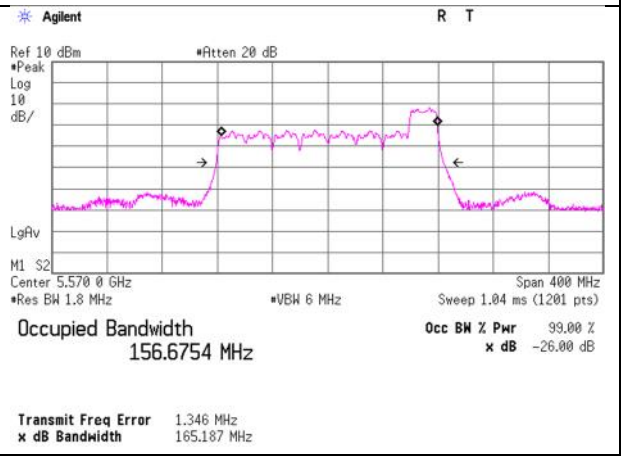
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11ax-160 (OFDMA)

[26-tone]	[52-tone]
Segment 0 RU Index 0 5250 MHz	**Segment 0 RU Index 37 5250 MHz**
	
Segment 0 RU Index 0 5570 MHz	**Segment 0 RU Index 37 5570 MHz**
	
Segment 1 RU Index 73 5570 MHz	**Segment 1 RU Index 52 5570 MHz**
	

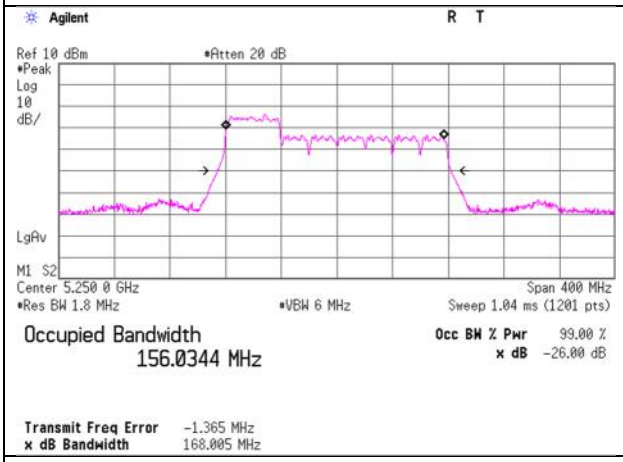
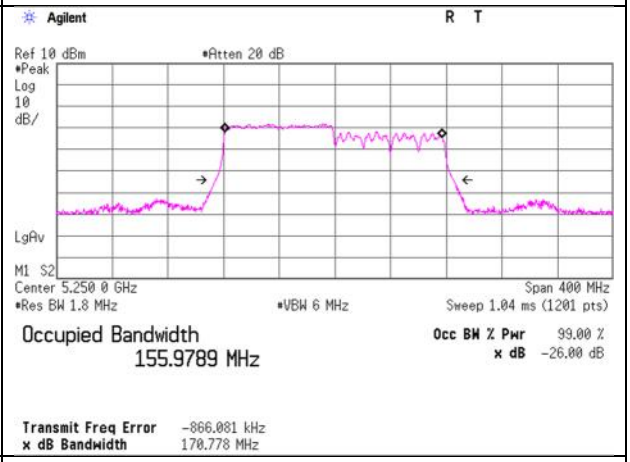
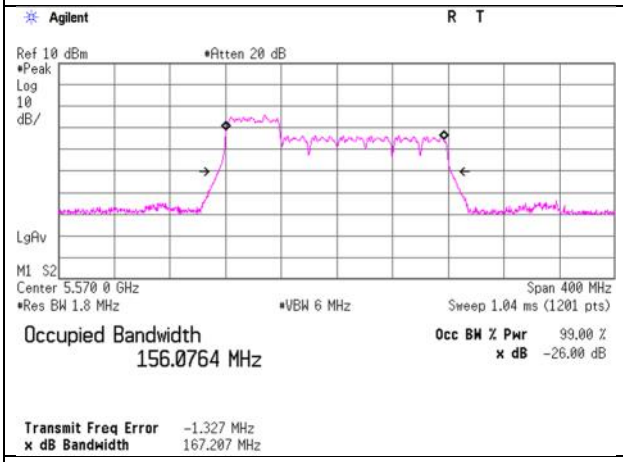
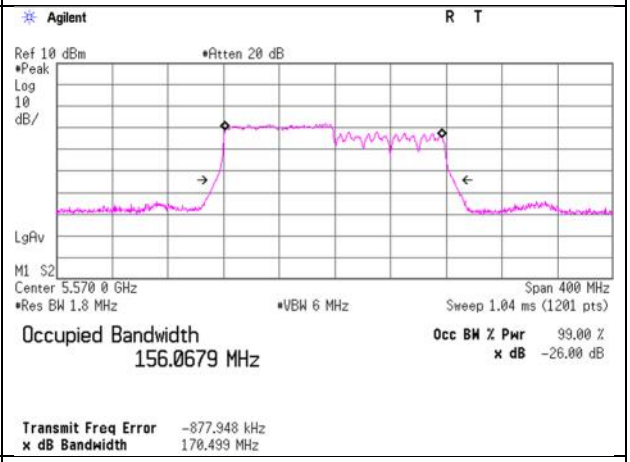
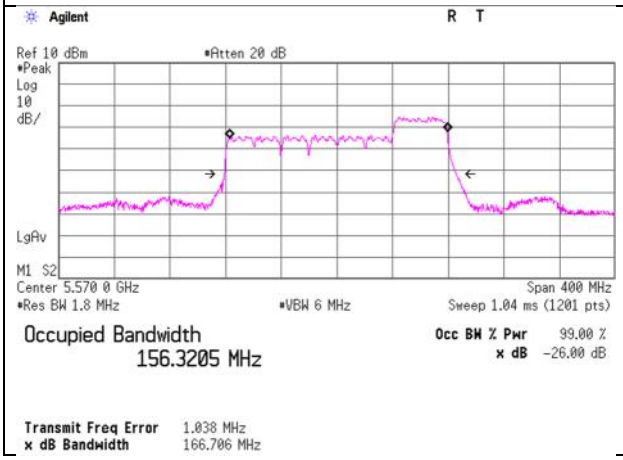
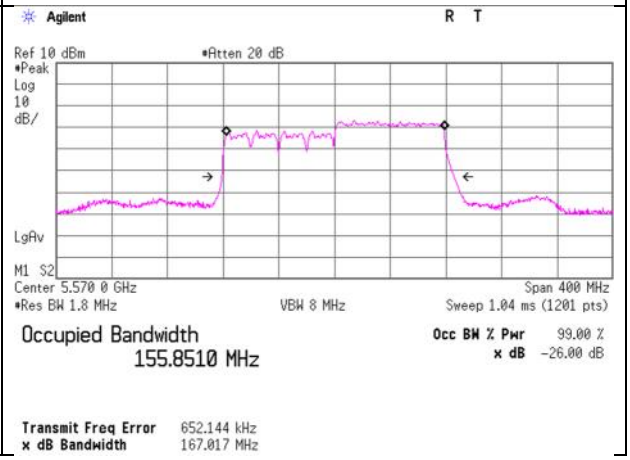
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11ax-160 (OFDMA)

[106-tone]	[242-tone]
Segment 0 RU Index 53 5250 MHz	**Segment 0 RU Index 61 5250 MHz**
	
Segment 0 RU Index 53 5570 MHz	**Segment 0 RU Index 61 5570 MHz**
	
Segment 1 RU Index 60 5570 MHz	**Segment 1 RU Index 64 5570 MHz**
	

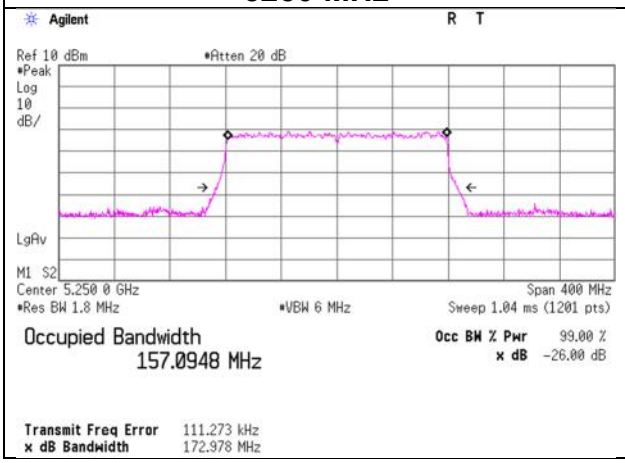
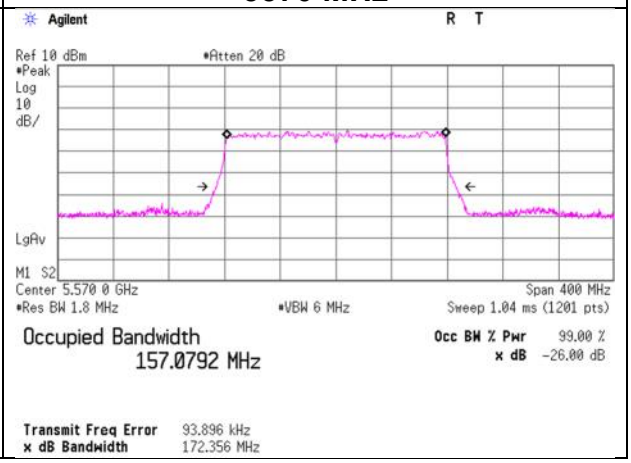
26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11ax-160 (OFDMA)

[484-tone]	[996-tone]
Segment 0 RU Index 65 5250 MHz	**Segment 0 RU Index 67 5250 MHz**
	
Segment 0 RU Index 65 5570 MHz	**Segment 0 RU Index 67 5570 MHz**
	
Segment 1 RU Index 67 5570 MHz	**Segment 1 RU Index 67 5570 MHz**
	

26 dB Emission Bandwidth and 99 % Occupied Bandwidth

11ax-160 (OFDMA)
[2x996-tone]

RU Index 68 5250 MHz	RU Index 68 5570 MHz
	

6 dB Bandwidth

Test place	Shonan EMC Lab. No.8 Shielded Room		
Date	June 7, 2024	June 8, 2024	June 12, 2024
Temperature / Humidity	24 deg. C / 43 % RH	24 deg. C / 36 % RH	22 deg. C / 50 % RH
Engineer	Hiromasa Sato	Takayuki Kobayashi	Hiromasa Sato
Mode	Tx		

11a

Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
5745	16.531	> 0.500
5785	16.537	> 0.500
5825	16.557	> 0.500

11ax-20(OFDM)

Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
5745	19.093	> 0.500
5785	19.195	> 0.500
5825	19.157	> 0.500

11ax-20(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
26-tone RU	5745	0	2.021	> 0.500
	5785	4	2.639	> 0.500
	5825	8	2.049	> 0.500

11ax-20(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
52-tone RU	5745	37	4.046	> 0.500
	5785	38	4.156	> 0.500
	5825	40	4.086	> 0.500

11ax-20(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
106-tone RU	5745	53	8.322	> 0.500
	5785	53	8.322	> 0.500
	5825	54	8.353	> 0.500

11ax-20(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
242-tone RU	5745	61	19.150	> 0.500
	5785	61	19.165	> 0.500
	5825	61	19.153	> 0.500

6 dB Bandwidth

Test place	Shonan EMC Lab. No.8 Shielded Room			
Date	June 7, 2024	June 8, 2024	June 9, 2024	June 12, 2024
Temperature / Humidity	24 deg. C / 43 % RH	24 deg. C / 36 % RH	24 deg. C / 45 % RH	22 deg. C / 50 % RH
Engineer	Hiromasa Sato	Takayuki Kobayashi	Yohsuke Matsuzawa	Hiromasa Sato
Mode	Tx			

11n-40

Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
5755	36.591	> 0.500
5795	36.593	> 0.500

11ax-40(OFDM)

Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
5755	38.226	> 0.500
5795	38.229	> 0.500

11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
26-tone RU	5755	0	2.048	> 0.500
	5795	17	2.064	> 0.500

11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
52-tone RU	5755	37	4.108	> 0.500
	5795	44	4.104	> 0.500

11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
106-tone RU	5755	53	8.295	> 0.500
	5795	56	8.276	> 0.500

11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
242-tone RU	5755	61	18.898	> 0.500
	5795	62	18.909	> 0.500

11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
484-tone RU	5755	65	38.248	> 0.500
	5795	65	38.233	> 0.500

6 dB Bandwidth

Test place	Shonan EMC Lab. No.8 Shielded Room		
Date	June 7, 2024	June 9, 2024	June 12, 2024
Temperature / Humidity	24 deg. C / 43 % RH	24 deg. C / 45 % RH	22 deg. C / 50 % RH
Engineer	Hiromasa Sato	Yohsuke Matsuzawa	Hiromasa Sato
Mode	Tx		

11ac-80

Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
5775	76.628	> 0.500

11ax-80(OFDM)

Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
5775	78.252	> 0.500

11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
26-tone RU	5775	36	2.061	> 0.500

11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
52-tone RU	5775	52	4.117	> 0.500

11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
106-tone RU	5775	60	8.290	> 0.500

11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
242-tone RU	5775	64	18.914	> 0.500

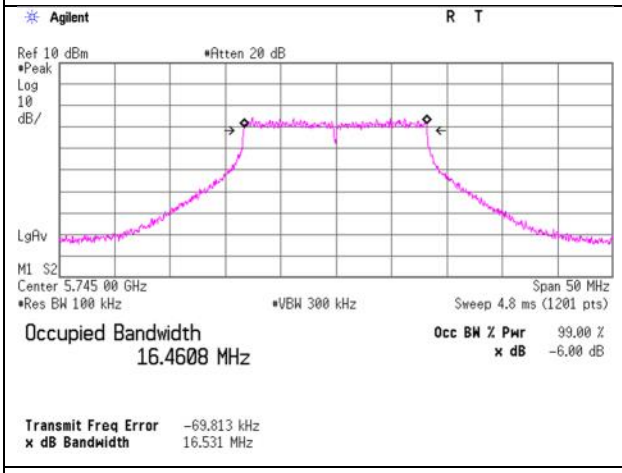
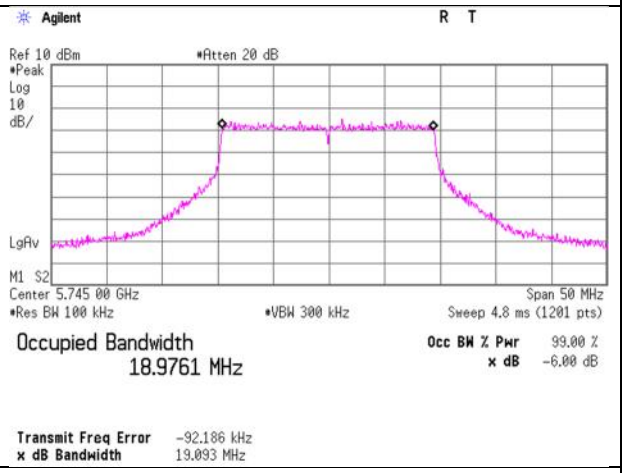
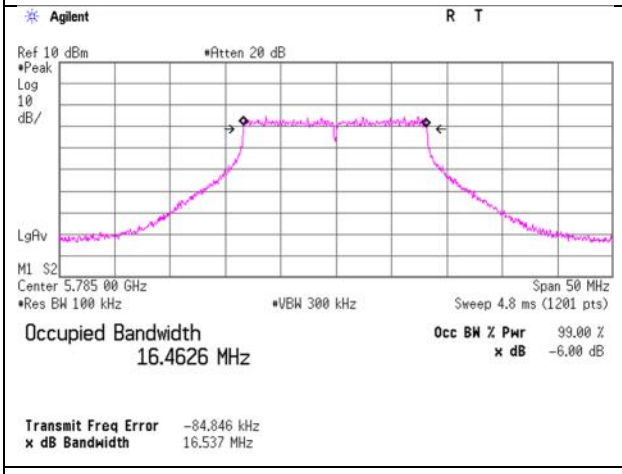
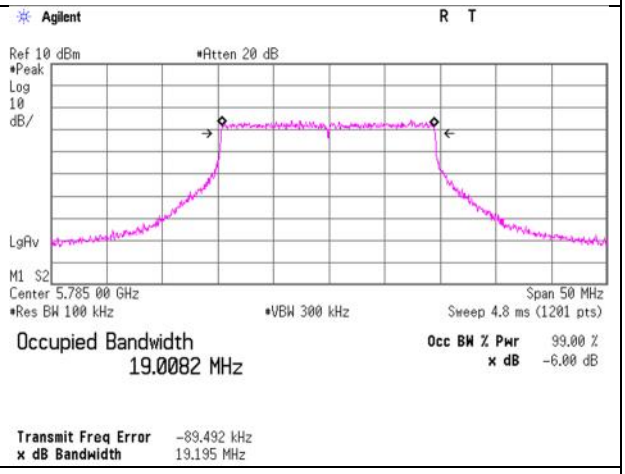
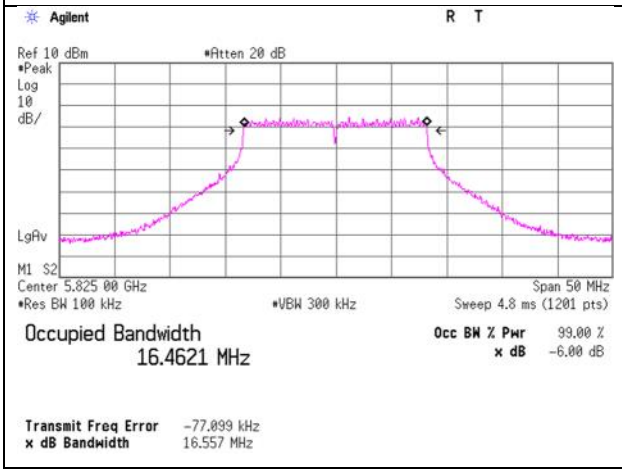
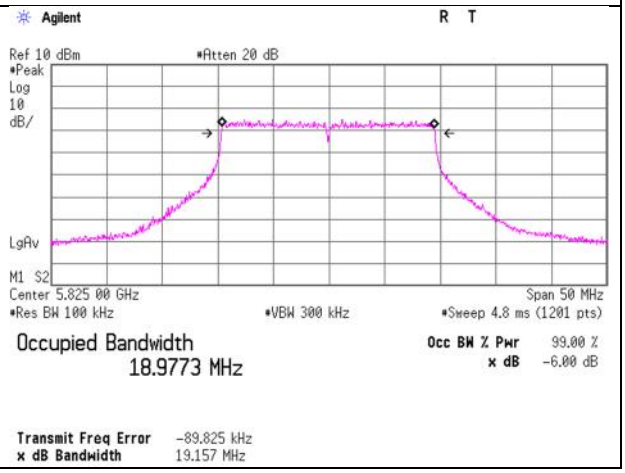
11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
484-tone RU	5775	66	37.903	> 0.500

11ax-80(OFDMA)

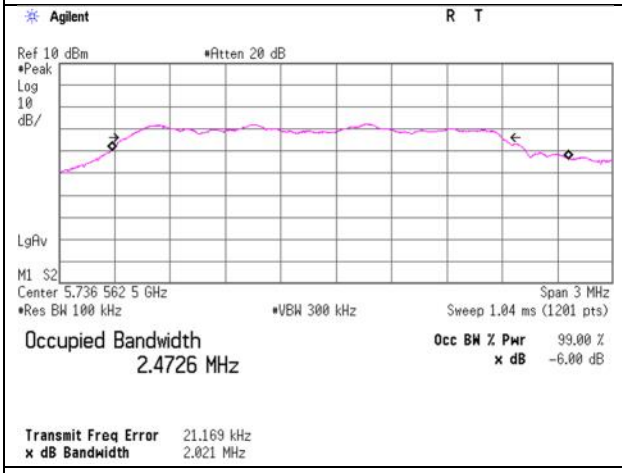
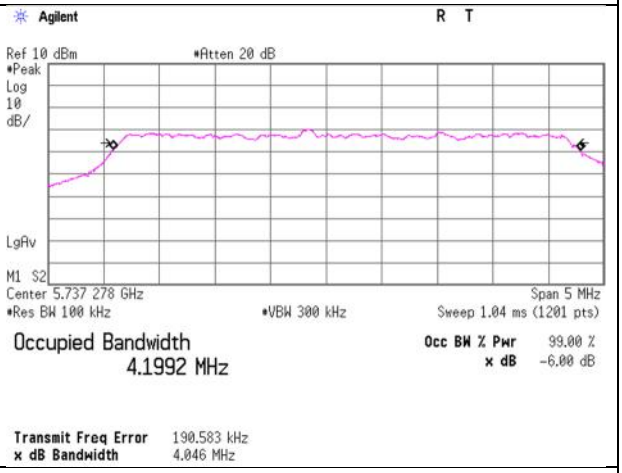
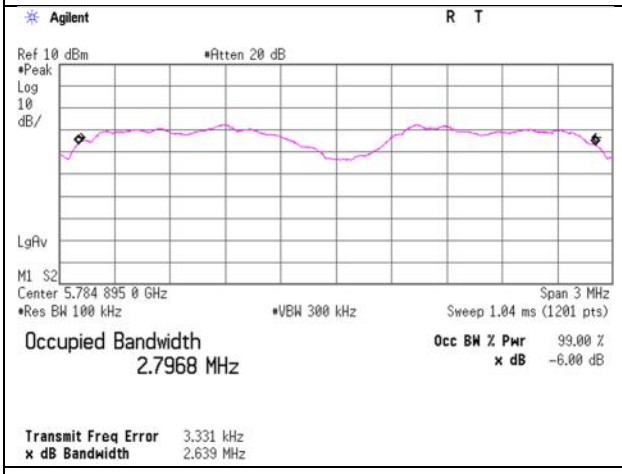
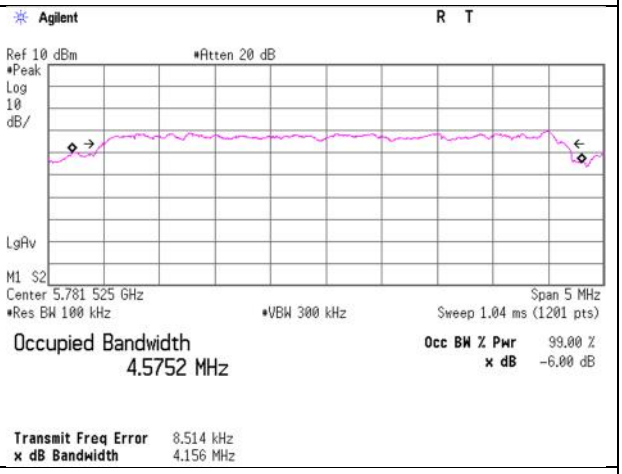
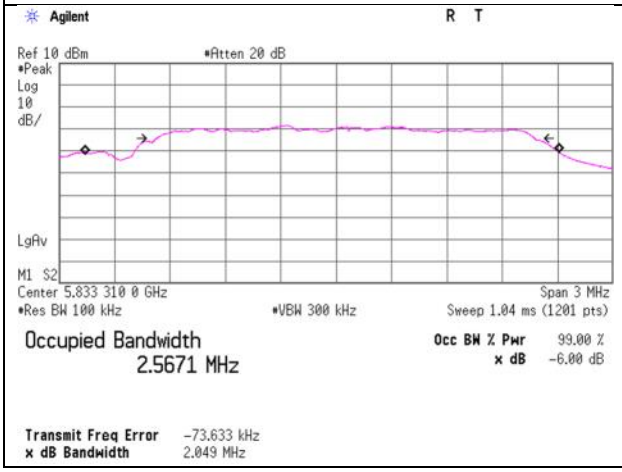
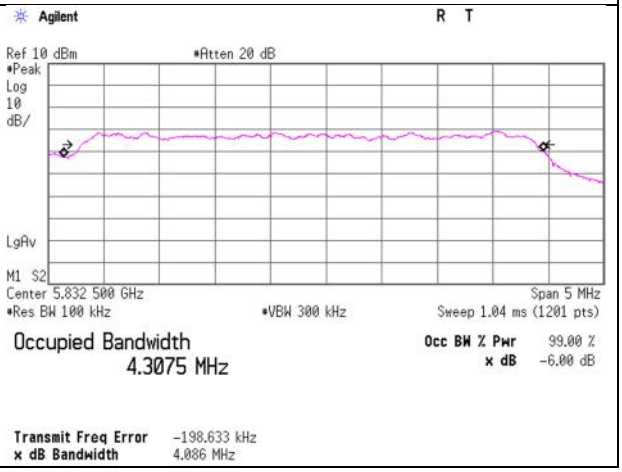
RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
996-tone RU	5775	67	78.305	> 0.500

6 dB Bandwidth

11a	11ax-20 (OFDM)
5745 MHz	**5745 MHz**
	
5785 MHz	**5785 MHz**
	
5825 MHz	**5825 MHz**
	

6 dB Bandwidth

11ax-20

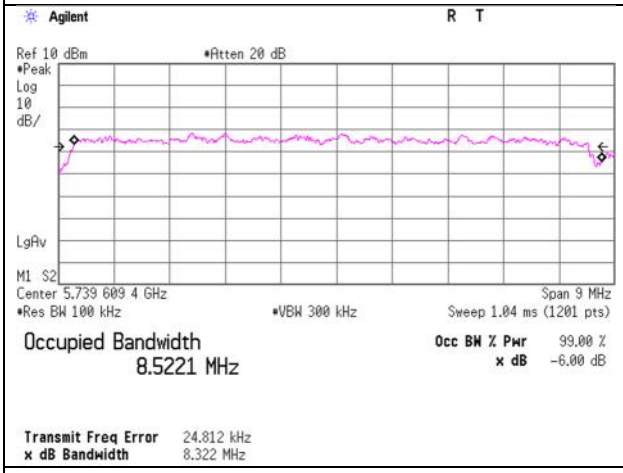
[26-tone]	[52-tone]
RU Index 0 5745 MHz	**RU Index 37 5745 MHz**
	
RU Index 4 5785 MHz	**RU Index 38 5785 MHz**
	
RU Index 8 5825 MHz	**RU Index 40 5825 MHz**
	

6 dB Bandwidth

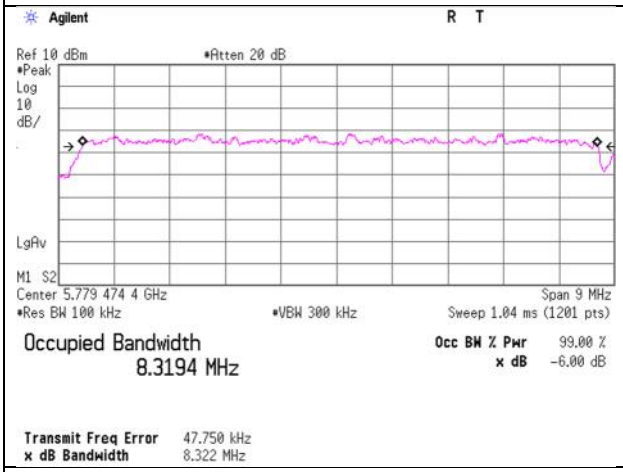
11ax-20

[106-tone]

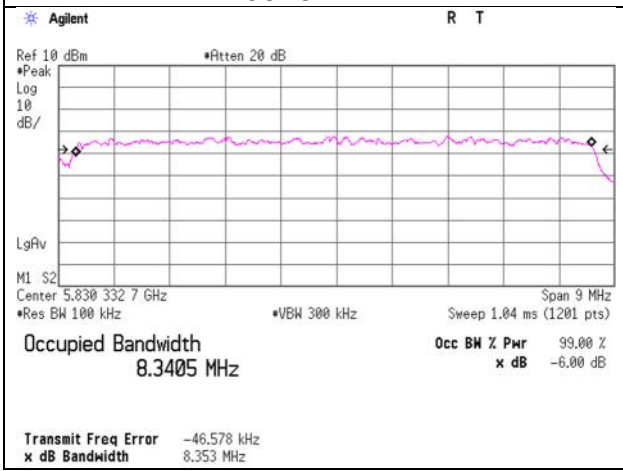
RU Index 53
5745 MHz



RU Index 53
5785 MHz

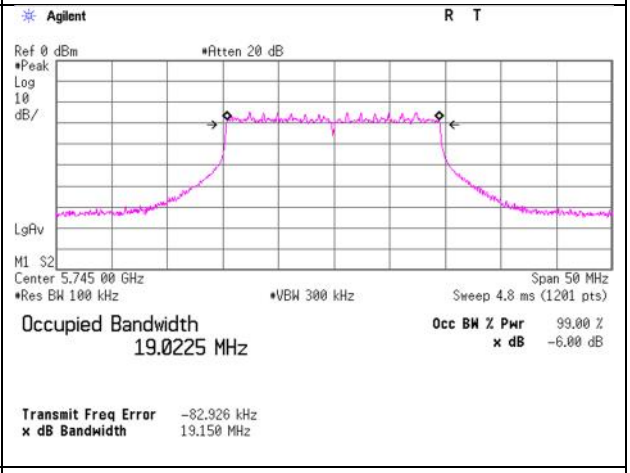


RU Index 54
5825 MHz

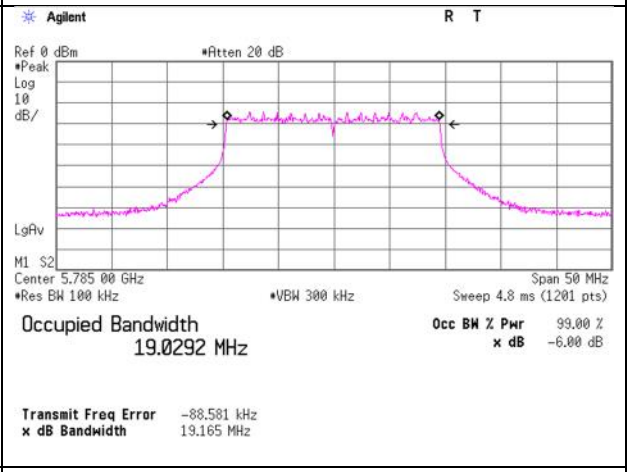


[242-tone]

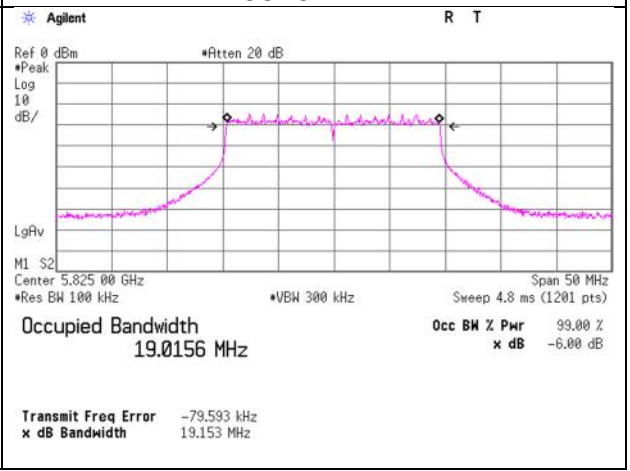
RU Index 61
5745 MHz



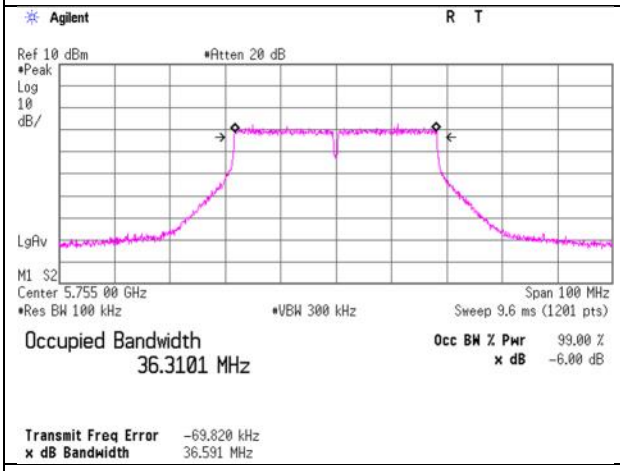
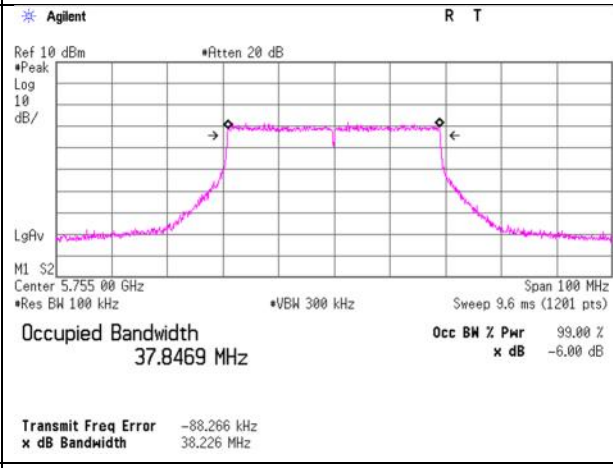
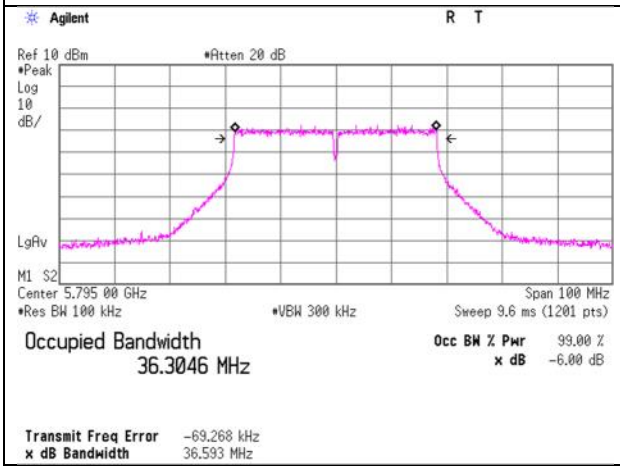
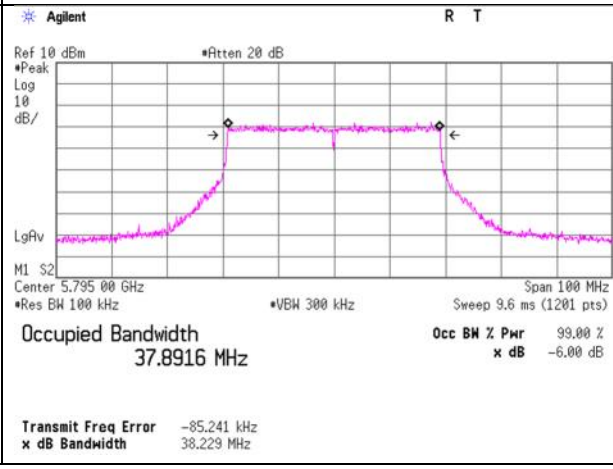
RU Index 61
5785 MHz



RU Index 61
5825 MHz

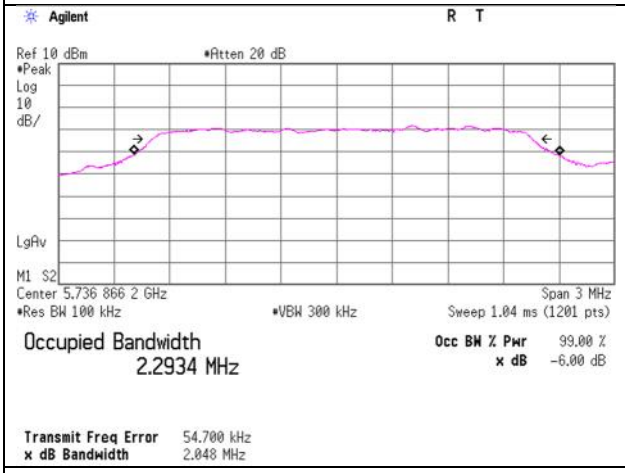
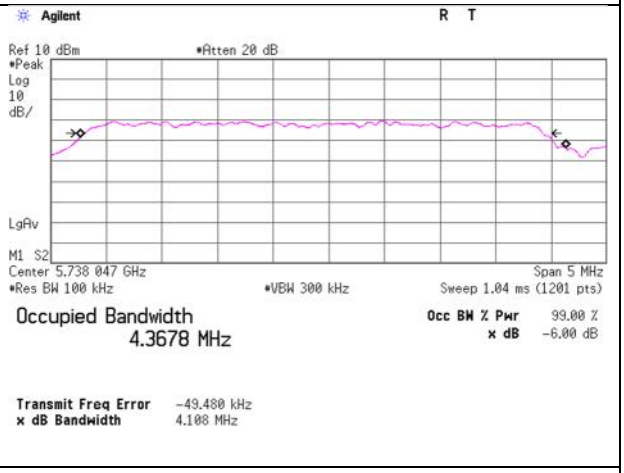
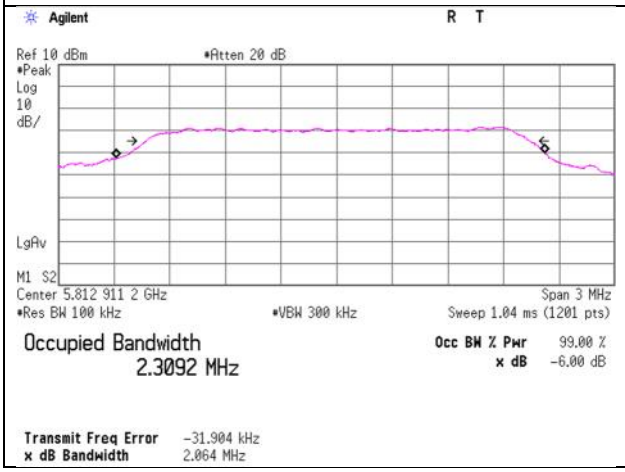
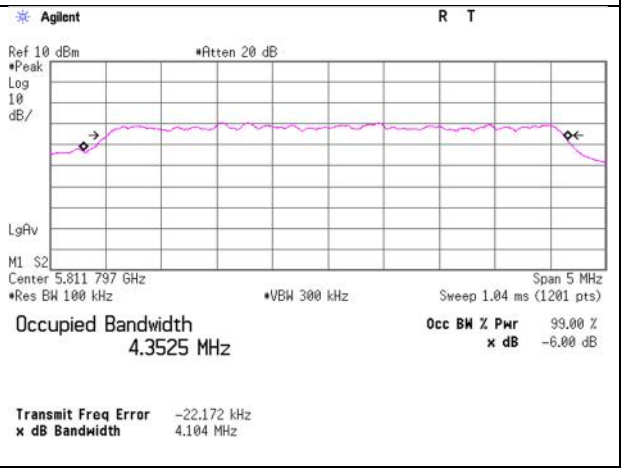


6 dB Bandwidth

11n-40	11ax-40 (OFDM)
5755 MHz	**5755 MHz**
	
5795 MHz	**5795 MHz**
	

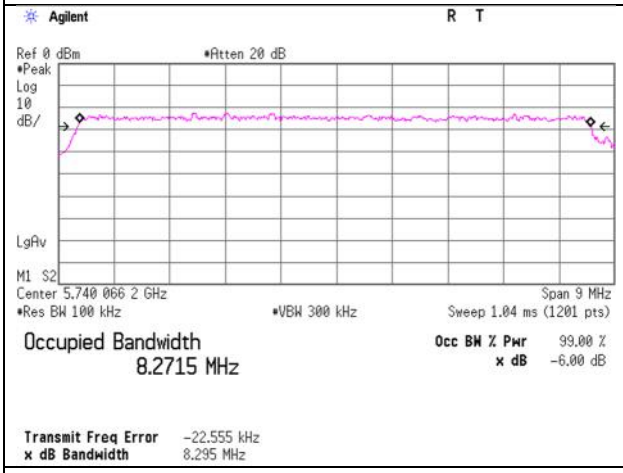
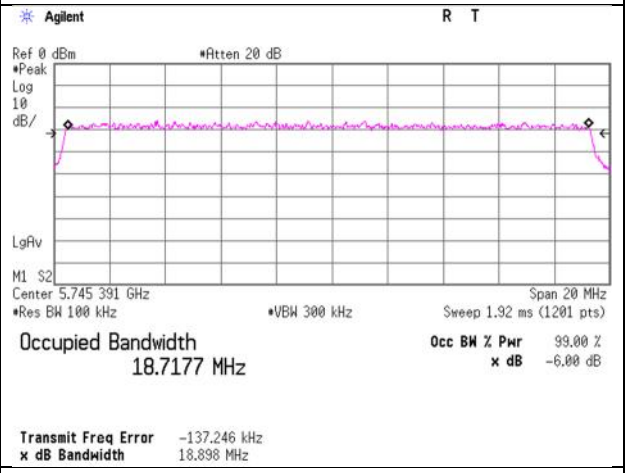
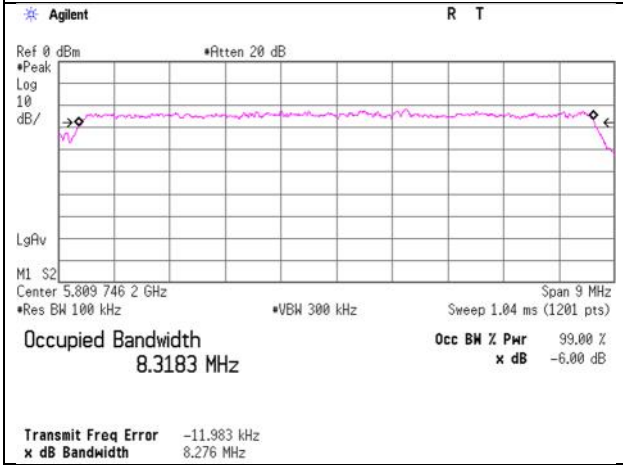
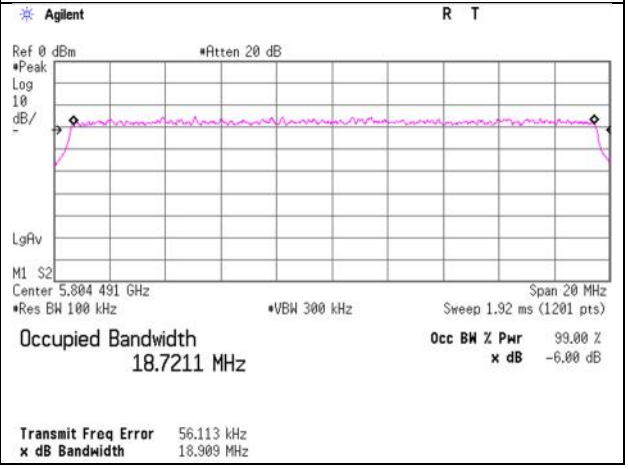
6 dB Bandwidth

11ax-40

[26-tone]	[52-tone]
RU Index 0 **5755 MHz**	**RU Index 37** **5755 MHz**
	
RU Index 17 **5795 MHz**	**RU Index 44** **5795 MHz**
	

6 dB Bandwidth

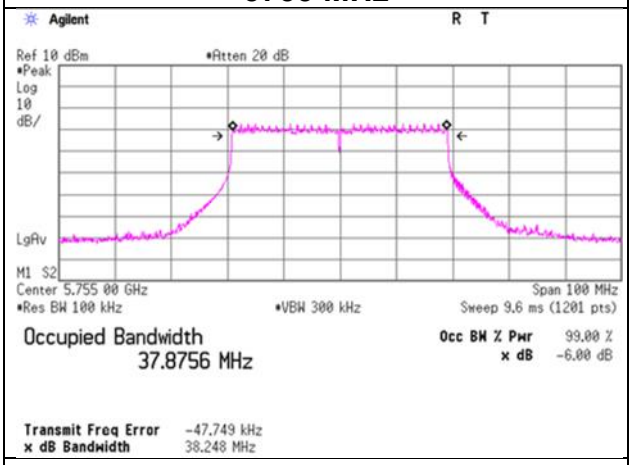
11ax-40

[106-tone]	[242-tone]
RU Index 53 **5755 MHz**	**RU Index 61** **5755 MHz**
	
RU Index 56 **5795 MHz**	**RU Index 62** **5795 MHz**
	

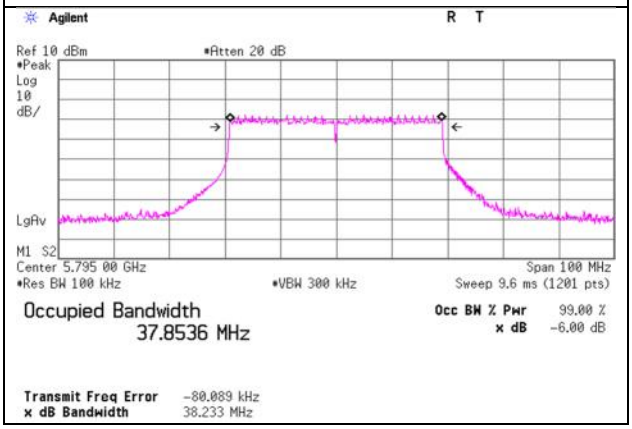
6 dB Bandwidth

11ax-40
[484-tone]

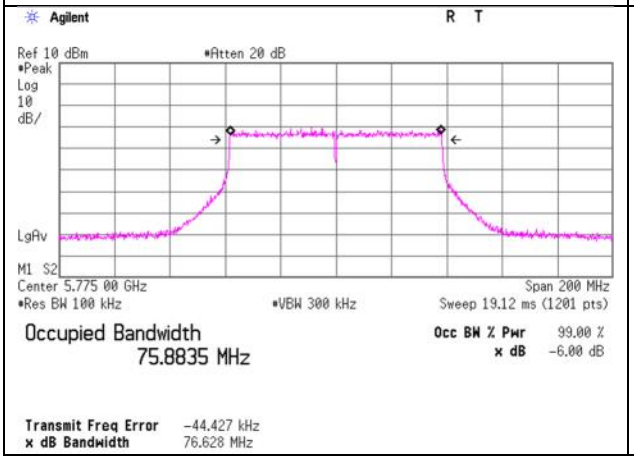
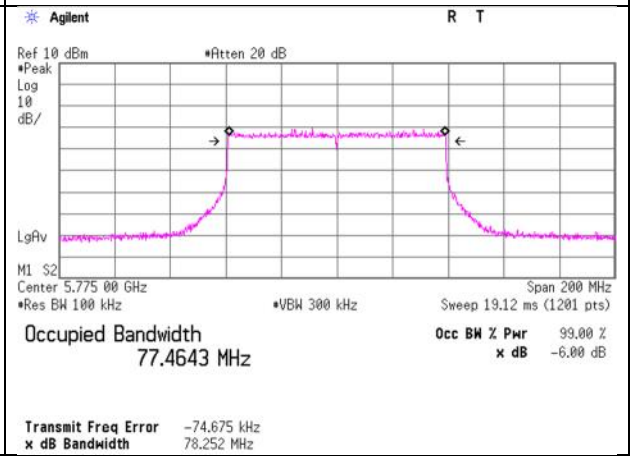
RU Index 65
5755 MHz



RU Index 65
5795 MHz

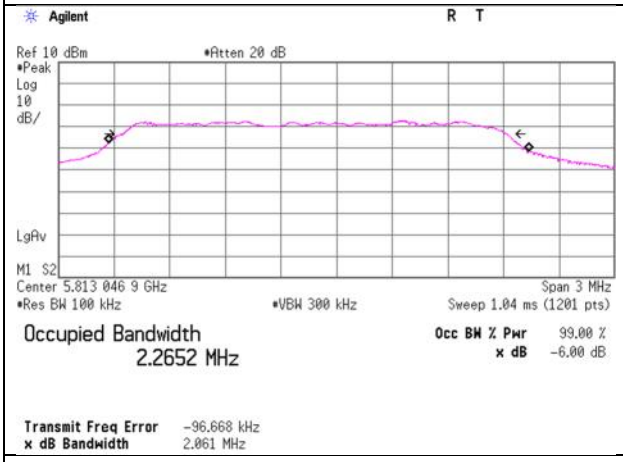
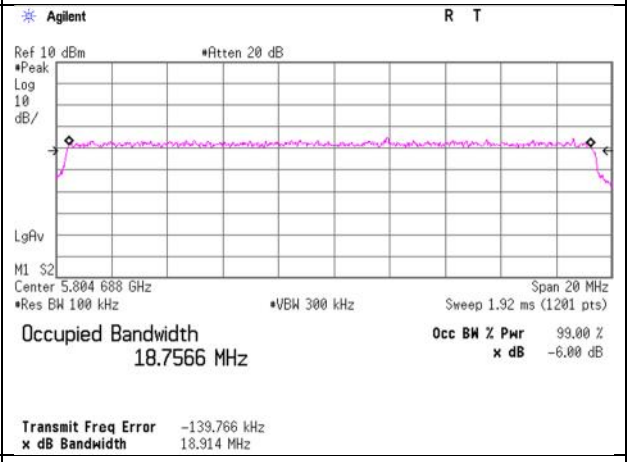
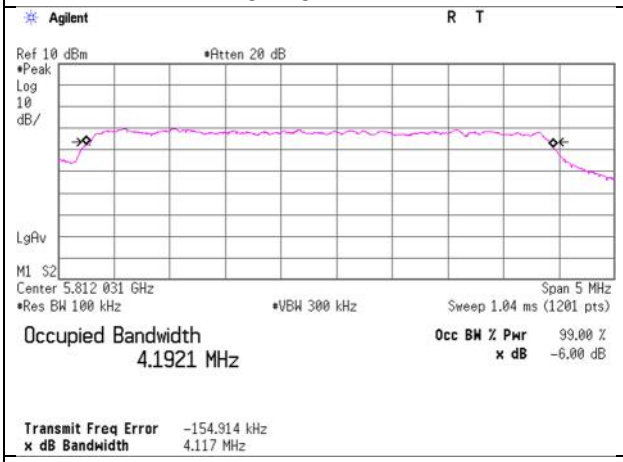
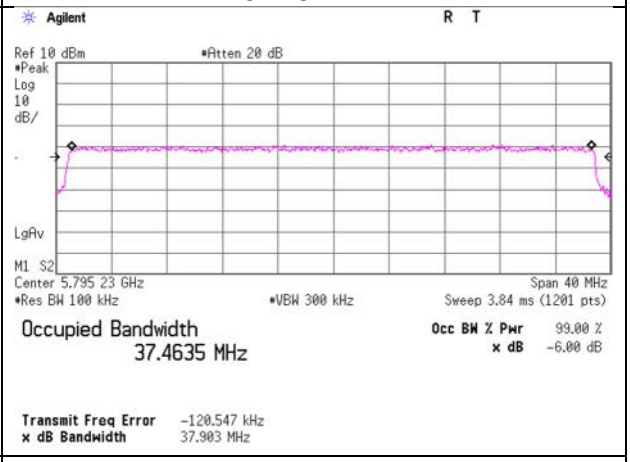
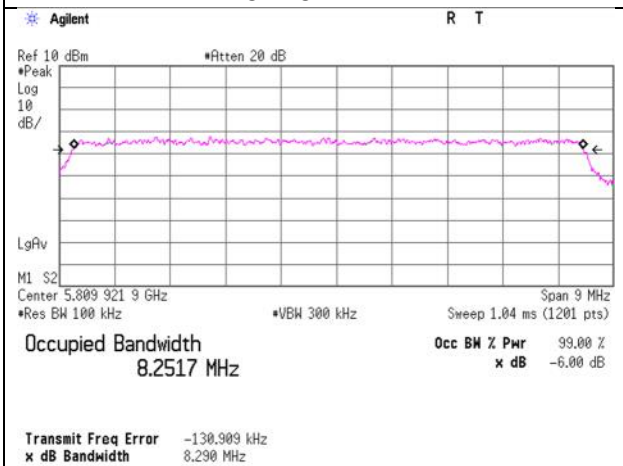
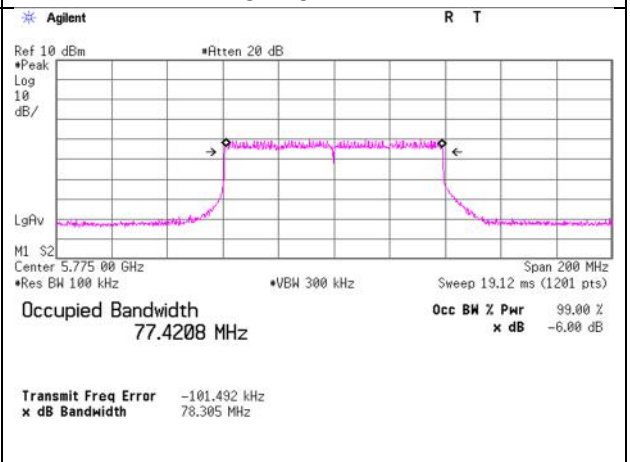


6 dB Bandwidth

11ac-80	11ax-80 (OFDM)
5775 MHz	5775 MHz
	

6 dB Bandwidth

11ax-80

[26-tone]	[242-tone]
RU Index 36 5775 MHz	**RU Index 62 5775 MHz**
	
[52-tone]	**[484-tone]**
RU Index 52 5775 MHz	**RU Index 66 5775 MHz**
	
[106-tone]	**[996-tone]**
RU Index 60 5775 MHz	**RU Index 67 5775 MHz**
	

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 24, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11a

[High Power mode]

11a (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	13.03	11.95	24.98	13.98	23.97	9.99	16.90	15.51	32.40	15.11	29.97	14.86
5220	12.41	11.24	23.64	13.74	23.97	10.23	16.10	14.58	30.67	14.87	29.97	15.10
5240	12.99	11.58	24.57	13.90	23.97	10.07	16.84	15.03	31.87	15.03	29.97	14.94
5260	12.63	11.64	24.27	13.85	23.97	10.12	16.38	15.10	31.48	14.98	29.97	14.99
5300	13.77	11.62	25.40	14.05	23.97	9.92	17.87	15.07	32.94	15.18	29.97	14.79
5320	13.58	12.20	25.78	14.11	23.97	9.86	17.62	15.83	33.44	15.24	29.97	14.73
5500	13.07	13.82	26.89	14.30	23.97	9.67	16.95	17.93	34.88	15.43	29.97	14.54
5580	12.06	13.19	25.25	14.02	23.97	9.95	15.64	17.11	32.76	15.15	29.97	14.82
5700	10.66	11.53	22.19	13.46	23.97	10.51	13.83	14.95	28.78	14.59	29.97	15.38
5720	11.60	12.32	23.92	13.79	23.97	10.18	15.05	15.98	31.03	14.92	29.97	15.05
5745	12.37	11.26	23.62	13.73	30.00	16.27	16.04	14.60	30.64	14.86	36.00	21.14
5785	13.63	12.44	26.08	14.16	30.00	15.84	17.69	16.14	33.83	15.29	36.00	20.71
5825	12.44	11.21	23.65	13.74	30.00	16.26	16.14	14.54	30.68	14.87	36.00	21.13

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-10.93	1.91	20.17	1.13	11.15	12.28	-11.35	1.95	20.18	1.13	10.77	11.90
5220	0.00	-11.14	1.91	20.17	1.13	10.94	12.07	-11.62	1.95	20.18	1.13	10.51	11.64
5240	0.00	-10.94	1.91	20.17	1.13	11.13	12.26	-11.49	1.95	20.18	1.13	10.64	11.77
5260	0.00	-11.07	1.91	20.17	1.13	11.01	12.14	-11.48	1.96	20.18	1.13	10.66	11.79
5300	0.00	-10.69	1.91	20.17	1.13	11.39	12.52	-11.49	1.96	20.18	1.13	10.65	11.78
5320	0.00	-10.75	1.91	20.17	1.13	11.33	12.46	-11.28	1.97	20.18	1.13	10.86	11.99
5500	0.00	-10.86	1.94	20.08	1.13	11.16	12.29	-10.73	2.03	20.11	1.13	11.41	12.54
5580	0.00	-10.92	1.93	19.80	1.13	10.81	11.94	-10.71	2.01	19.90	1.13	11.20	12.33
5700	0.00	-11.33	1.91	19.69	1.13	10.28	11.41	-11.28	1.99	19.91	1.13	10.62	11.75
5720	0.00	-11.43	1.91	20.17	1.13	10.65	11.78	-11.25	1.98	20.17	1.13	10.91	12.04
5745	0.00	-11.17	1.93	20.17	1.13	10.92	12.05	-11.66	2.00	20.17	1.13	10.51	11.64
5785	0.00	-10.74	1.92	20.17	1.13	11.35	12.48	-11.21	1.99	20.17	1.13	10.95	12.08
5825	0.00	-11.13	1.91	20.17	1.13	10.95	12.08	-11.65	1.97	20.17	1.13	10.50	11.63

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 26, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11n-20 (CDD)

[High Power mode]

11n-20 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	12.73	11.57	24.30	13.86	23.97	10.11	16.51	15.01	31.53	14.99	29.97	14.98
5220	12.13	11.21	23.34	13.68	23.97	10.29	15.73	14.54	30.27	14.81	29.97	15.16
5240	12.84	11.69	24.53	13.90	23.97	10.07	16.65	15.17	31.82	15.03	29.97	14.94
5260	12.43	11.56	23.99	13.80	23.97	10.17	16.12	15.00	31.12	14.93	29.97	15.04
5300	13.97	12.03	26.00	14.15	23.97	9.82	18.12	15.60	33.72	15.28	29.97	14.69
5320	13.61	11.36	24.97	13.97	23.97	10.00	17.66	14.74	32.39	15.10	29.97	14.87
5500	13.22	13.67	26.88	14.29	23.97	9.68	17.15	17.73	34.87	15.42	29.97	14.55
5580	12.26	13.25	25.51	14.07	23.97	9.90	15.90	17.19	33.09	15.20	29.97	14.77
5700	10.83	11.50	22.33	13.49	23.97	10.48	14.05	14.92	28.97	14.62	29.97	15.35
5720	11.74	11.95	23.69	13.75	23.97	10.22	15.23	15.51	30.73	14.88	29.97	15.09
5745	12.51	12.72	25.23	14.02	30.00	15.98	16.23	16.50	32.73	15.15	36.00	20.85
5785	13.32	14.03	27.35	14.37	30.00	15.63	17.28	18.20	35.48	15.50	36.00	20.50
5825	12.70	12.87	25.57	14.08	30.00	15.92	16.48	16.69	33.17	15.21	36.00	20.79

		5G_CH0						**5G_CH1**					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-11.03	1.91	20.17	1.13	11.05	12.18	-11.49	1.95	20.18	1.13	10.63	11.76
5220	0.00	-11.24	1.91	20.17	1.13	10.84	11.97	-11.63	1.95	20.18	1.13	10.50	11.63
5240	0.00	-10.99	1.91	20.17	1.13	11.08	12.21	-11.45	1.95	20.18	1.13	10.68	11.81
5260	0.00	-11.14	1.91	20.17	1.13	10.94	12.07	-11.51	1.96	20.18	1.13	10.63	11.76
5300	0.00	-10.63	1.91	20.17	1.13	11.45	12.58	-11.34	1.96	20.18	1.13	10.80	11.93
5320	0.00	-10.74	1.91	20.17	1.13	11.34	12.47	-11.59	1.97	20.18	1.13	10.55	11.68
5500	0.00	-10.81	1.94	20.08	1.13	11.21	12.34	-10.78	2.03	20.11	1.13	11.36	12.49
5580	0.00	-10.85	1.93	19.80	1.13	10.88	12.01	-10.69	2.01	19.90	1.13	11.22	12.35
5700	0.00	-11.26	1.91	19.69	1.13	10.35	11.48	-11.29	1.99	19.91	1.13	10.61	11.74
5720	0.00	-11.38	1.91	20.17	1.13	10.70	11.83	-11.38	1.98	20.17	1.13	10.78	11.91
5745	0.00	-11.12	1.93	20.17	1.13	10.97	12.10	-11.13	2.00	20.17	1.13	11.04	12.17
5785	0.00	-10.84	1.92	20.17	1.13	11.25	12.38	-10.69	1.99	20.17	1.13	11.47	12.60
5825	0.00	-11.04	1.91	20.17	1.13	11.04	12.17	-11.05	1.97	20.17	1.13	11.10	12.23

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 26, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11n-20 (SDM)

[High Power mode]

11n-20 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	12.56	11.28	23.84	13.77	23.97	10.20	14.12	14.64	28.76	14.59	29.97	15.38
5220	12.18	11.21	23.39	13.69	23.97	10.28	13.70	14.54	28.24	14.51	29.97	15.46
5240	12.90	11.91	24.80	13.95	23.97	10.02	14.50	15.45	29.95	14.76	29.97	15.21
5260	12.54	11.61	24.16	13.83	23.97	10.14	14.10	15.07	29.17	14.65	29.97	15.32
5300	13.87	11.73	25.60	14.08	23.97	9.89	15.60	15.21	30.81	14.89	29.97	15.08
5320	13.36	11.41	24.78	13.94	23.97	10.03	15.03	14.80	29.83	14.75	29.97	15.22
5500	13.10	13.48	26.58	14.24	23.97	9.73	14.73	17.48	32.21	15.08	29.97	14.89
5580	12.06	13.19	25.25	14.02	23.97	9.95	13.56	17.11	30.68	14.87	29.97	15.10
5700	10.69	11.39	22.08	13.44	23.97	10.53	12.02	14.78	26.80	14.28	29.97	15.69
5720	11.76	11.93	23.69	13.75	23.97	10.22	13.23	15.47	28.70	14.58	29.97	15.39
5745	11.05	11.15	22.20	13.46	30.00	16.54	12.43	14.47	26.89	14.30	36.00	21.70
5785	11.77	11.86	23.62	13.73	30.00	16.27	13.23	15.38	28.61	14.57	36.00	21.43
5825	11.09	10.70	21.79	13.38	30.00	16.62	12.47	13.89	26.36	14.21	36.00	21.79

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-11.09	1.91	20.17	0.51	10.99	11.50	-11.60	1.95	20.18	1.13	10.52	11.65
5220	0.00	-11.22	1.91	20.17	0.51	10.86	11.37	-11.63	1.95	20.18	1.13	10.50	11.63
5240	0.00	-10.97	1.91	20.17	0.51	11.10	11.61	-11.37	1.95	20.18	1.13	10.76	11.89
5260	0.00	-11.10	1.91	20.17	0.51	10.98	11.49	-11.49	1.96	20.18	1.13	10.65	11.78
5300	0.00	-10.66	1.91	20.17	0.51	11.42	11.93	-11.45	1.96	20.18	1.13	10.69	11.82
5320	0.00	-10.82	1.91	20.17	0.51	11.26	11.77	-11.57	1.97	20.18	1.13	10.57	11.70
5500	0.00	-10.85	1.94	20.08	0.51	11.17	11.68	-10.84	2.03	20.11	1.13	11.30	12.43
5580	0.00	-10.92	1.93	19.80	0.51	10.81	11.32	-10.71	2.01	19.90	1.13	11.20	12.33
5700	0.00	-11.32	1.91	19.69	0.51	10.29	10.80	-11.33	1.99	19.91	1.13	10.57	11.70
5720	0.00	-11.37	1.91	20.17	0.51	10.71	11.22	-11.39	1.98	20.17	1.13	10.77	11.90
5745	0.00	-11.66	1.93	20.17	0.51	10.43	10.94	-11.70	2.00	20.17	1.13	10.47	11.60
5785	0.00	-11.38	1.92	20.17	0.51	10.71	11.22	-11.42	1.99	20.17	1.13	10.74	11.87
5825	0.00	-11.63	1.91	20.17	0.51	10.45	10.96	-11.85	1.97	20.17	1.13	10.30	11.43

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 26, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ac-20 (CDD)

[High Power mode]

11ac-20 (CDD)

5G_CH0 + 5G_CH1 Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power			Result	Limit	Margin	e.i.r.p.			Result	Limit	Margin
	Antenna						Antenna					
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	12.61	11.28	23.90	13.78	23.97	10.19	16.36	14.64	31.00	14.91	29.97	15.06
5220	12.29	11.06	23.35	13.68	23.97	10.29	15.95	14.34	30.29	14.81	29.97	15.16
5240	12.78	11.45	24.23	13.84	23.97	10.13	16.58	14.85	31.43	14.97	29.97	15.00
5260	12.40	11.43	23.83	13.77	23.97	10.20	16.08	14.82	30.91	14.90	29.97	15.07
5300	13.90	11.54	25.44	14.06	23.97	9.91	18.03	14.97	33.00	15.19	29.97	14.78
5320	13.80	11.41	25.21	14.02	23.97	9.95	17.90	14.80	32.71	15.15	29.97	14.82
5500	13.19	13.67	26.85	14.29	23.97	9.68	17.11	17.73	34.83	15.42	29.97	14.55
5580	12.03	13.25	25.29	14.03	23.97	9.94	15.61	17.19	32.80	15.16	29.97	14.81
5700	10.98	11.19	22.17	13.46	23.97	10.51	14.25	14.51	28.76	14.59	29.97	15.38
5720	11.79	11.71	23.50	13.71	23.97	10.26	15.30	15.19	30.48	14.84	29.97	15.13
5745	11.76	11.73	23.49	13.71	30.00	16.29	15.25	15.22	30.47	14.84	36.00	21.16
5785	12.46	12.50	24.96	13.97	30.00	16.03	16.17	16.22	32.38	15.10	36.00	20.90
5825	11.88	11.26	23.14	13.64	30.00	16.36	15.41	14.61	30.02	14.77	36.00	21.23

		5G_CH0						5G_CH1					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
						Cond. Power	e.i.r.p.					Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-11.07	1.91	20.17	1.13	11.01	12.14	-11.60	1.95	20.18	1.13	10.52	11.65
5220	0.00	-11.18	1.91	20.17	1.13	10.90	12.03	-11.69	1.95	20.18	1.13	10.44	11.57
5240	0.00	-11.01	1.91	20.17	1.13	11.06	12.19	-11.54	1.95	20.18	1.13	10.59	11.72
5260	0.00	-11.15	1.91	20.17	1.13	10.93	12.06	-11.56	1.96	20.18	1.13	10.58	11.71
5300	0.00	-10.65	1.91	20.17	1.13	11.43	12.56	-11.52	1.96	20.18	1.13	10.62	11.75
5320	0.00	-10.68	1.91	20.17	1.13	11.40	12.53	-11.57	1.97	20.18	1.13	10.57	11.70
5500	0.00	-10.82	1.94	20.08	1.13	11.20	12.33	-10.78	2.03	20.11	1.13	11.36	12.49
5580	0.00	-10.93	1.93	19.80	1.13	10.80	11.93	-10.69	2.01	19.90	1.13	11.22	12.35
5700	0.00	-11.20	1.91	19.69	1.13	10.41	11.54	-11.41	1.99	19.91	1.13	10.49	11.62
5720	0.00	-11.36	1.91	20.17	1.13	10.72	11.85	-11.47	1.98	20.17	1.13	10.69	11.82
5745	0.00	-11.39	1.93	20.17	1.13	10.70	11.83	-11.48	2.00	20.17	1.13	10.69	11.82
5785	0.00	-11.13	1.92	20.17	1.13	10.96	12.09	-11.19	1.99	20.17	1.13	10.97	12.10
5825	0.00	-11.33	1.91	20.17	1.13	10.75	11.88	-11.63	1.97	20.17	1.13	10.52	11.65

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 26, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ac-20 (SDM)

[High Power mode]

11ac-20 (SDM)

5G_CH0 + 5G_CH1 Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power Antenna 5G_CH0	5G_CH1	Sum	Result	Limit	Margin	e.i.r.p. Antenna 5G_CH0	5G_CH1	Sum	Result	Limit	Margin
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	12.64	11.49	24.14	13.83	23.97	10.14	14.22	14.91	29.13	14.64	29.97	15.33
5220	12.38	11.08	23.46	13.70	23.97	10.27	13.92	14.38	28.30	14.52	29.97	15.45
5240	12.84	11.66	24.50	13.89	23.97	10.08	14.44	15.13	29.57	14.71	29.97	15.26
5260	12.74	11.38	24.12	13.82	23.97	10.15	14.33	14.76	29.09	14.64	29.97	15.33
5300	13.97	11.84	25.80	14.12	23.97	9.85	15.71	15.35	31.06	14.92	29.97	15.05
5320	13.87	11.76	25.63	14.09	23.97	9.88	15.59	15.25	30.85	14.89	29.97	15.08
5500	13.37	13.70	27.07	14.32	23.97	9.65	15.04	17.77	32.81	15.16	29.97	14.81
5580	12.17	13.25	25.43	14.05	23.97	9.92	13.69	17.19	30.88	14.90	29.97	15.07
5700	10.66	11.26	21.92	13.41	23.97	10.56	11.99	14.61	26.60	14.25	29.97	15.72
5720	11.74	12.01	23.75	13.76	23.97	10.21	13.20	15.58	28.78	14.59	29.97	15.38
5745	11.62	11.65	23.27	13.67	30.00	16.33	13.07	15.11	28.19	14.50	36.00	21.50
5785	12.01	12.47	24.48	13.89	30.00	16.11	13.51	16.18	29.69	14.73	36.00	21.27
5825	11.59	11.39	22.98	13.61	30.00	16.39	13.03	14.78	27.80	14.44	36.00	21.56

		5G_CH0						**5G_CH1**					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-11.06	1.91	20.17	0.51	11.02	11.53	-11.52	1.95	20.18	1.13	10.60	11.73
5220	0.00	-11.15	1.91	20.17	0.51	10.93	11.44	-11.68	1.95	20.18	1.13	10.45	11.58
5240	0.00	-10.99	1.91	20.17	0.51	11.08	11.59	-11.46	1.95	20.18	1.13	10.67	11.80
5260	0.00	-11.03	1.91	20.17	0.51	11.05	11.56	-11.58	1.96	20.18	1.13	10.56	11.69
5300	0.00	-10.63	1.91	20.17	0.51	11.45	11.96	-11.41	1.96	20.18	1.13	10.73	11.86
5320	0.00	-10.66	1.91	20.17	0.51	11.42	11.93	-11.44	1.97	20.18	1.13	10.70	11.83
5500	0.00	-10.76	1.94	20.08	0.51	11.26	11.77	-10.77	2.03	20.11	1.13	11.37	12.50
5580	0.00	-10.88	1.93	19.80	0.51	10.85	11.36	-10.69	2.01	19.90	1.13	11.22	12.35
5700	0.00	-11.33	1.91	19.69	0.51	10.28	10.79	-11.38	1.99	19.91	1.13	10.52	11.65
5720	0.00	-11.38	1.91	20.17	0.51	10.70	11.21	-11.36	1.98	20.17	1.13	10.80	11.93
5745	0.00	-11.44	1.93	20.17	0.51	10.65	11.16	-11.51	2.00	20.17	1.13	10.66	11.79
5785	0.00	-11.29	1.92	20.17	0.51	10.80	11.31	-11.20	1.99	20.17	1.13	10.96	12.09
5825	0.00	-11.44	1.91	20.17	0.51	10.64	11.15	-11.58	1.97	20.17	1.13	10.57	11.70

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 27, 2023
Temperature / Humidity	25 deg. C / 44 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDM) (CDD)

[High Power mode]

11ax-20 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	12.88	11.60	24.48	13.89	23.97	10.08	16.70	15.05	31.75	15.02	29.97	14.95
5220	12.55	11.44	24.00	13.80	23.97	10.17	16.28	14.85	31.13	14.93	29.97	15.04
5240	12.87	11.88	24.75	13.94	23.97	10.03	16.69	15.41	32.10	15.07	29.97	14.90
5260	12.66	11.48	24.14	13.83	23.97	10.14	16.42	14.89	31.31	14.96	29.97	15.01
5300	13.97	11.67	25.64	14.09	23.97	9.88	18.12	15.14	33.26	15.22	29.97	14.75
5320	13.83	11.73	25.57	14.08	23.97	9.89	17.95	15.22	33.16	15.21	29.97	14.76
5500	13.25	13.89	27.14	14.34	23.97	9.63	17.18	18.02	35.20	15.47	29.97	14.50
5580	12.12	13.25	25.37	14.04	23.97	9.93	15.72	17.19	32.91	15.17	29.97	14.80
5700	10.88	11.66	22.54	13.53	23.97	10.44	14.12	15.12	29.24	14.66	29.97	15.31
5720	11.85	12.04	23.88	13.78	23.97	10.19	15.37	15.61	30.98	14.91	29.97	15.06
5745	11.65	11.95	23.60	13.73	30.00	16.27	15.11	15.50	30.61	14.86	36.00	21.14
5785	12.38	12.62	24.99	13.98	30.00	16.02	16.05	16.37	32.42	15.11	36.00	20.89
5825	11.83	11.44	23.27	13.67	30.00	16.33	15.34	14.84	30.19	14.80	36.00	21.20

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-10.98	1.91	20.17	1.13	11.10	12.23	-11.48	1.95	20.18	1.13	10.64	11.77
5220	0.00	-11.09	1.91	20.17	1.13	10.99	12.12	-11.54	1.95	20.18	1.13	10.59	11.72
5240	0.00	-10.98	1.91	20.17	1.13	11.09	12.22	-11.38	1.95	20.18	1.13	10.75	11.88
5260	0.00	-11.06	1.91	20.17	1.13	11.02	12.15	-11.54	1.96	20.18	1.13	10.60	11.73
5300	0.00	-10.63	1.91	20.17	1.13	11.45	12.58	-11.47	1.96	20.18	1.13	10.67	11.80
5320	0.00	-10.67	1.91	20.17	1.13	11.41	12.54	-11.45	1.97	20.18	1.13	10.69	11.82
5500	0.00	-10.80	1.94	20.08	1.13	11.22	12.35	-10.71	2.03	20.11	1.13	11.43	12.56
5580	0.00	-10.90	1.93	19.80	1.13	10.83	11.96	-10.69	2.01	19.90	1.13	11.22	12.35
5700	0.00	-11.24	1.91	19.69	1.13	10.37	11.50	-11.23	1.99	19.91	1.13	10.67	11.80
5720	0.00	-11.34	1.91	20.17	1.13	10.74	11.87	-11.35	1.98	20.17	1.13	10.81	11.94
5745	0.00	-11.43	1.93	20.17	1.13	10.66	11.79	-11.40	2.00	20.17	1.13	10.77	11.90
5785	0.00	-11.16	1.92	20.17	1.13	10.93	12.06	-11.15	1.99	20.17	1.13	11.01	12.14
5825	0.00	-11.35	1.91	20.17	1.13	10.73	11.86	-11.56	1.97	20.17	1.13	10.59	11.72

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (21.869 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 27, 2023
Temperature / Humidity	25 deg. C / 44 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDM) (SDM)

[High Power mode]

11ax-20 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	12.88	11.26	24.14	13.83	23.97	10.14	14.48	14.60	29.09	14.64	29.97	15.33
5220	12.49	11.29	23.78	13.76	23.97	10.21	14.05	14.64	28.69	14.58	29.97	15.39
5240	12.99	11.83	24.81	13.95	23.97	10.02	14.60	15.34	29.94	14.76	29.97	15.21
5260	12.74	11.69	24.44	13.88	23.97	10.09	14.33	15.17	29.50	14.70	29.97	15.27
5300	14.06	11.62	25.68	14.10	23.97	9.87	15.82	15.07	30.89	14.90	29.97	15.07
5320	13.96	11.68	25.64	14.09	23.97	9.88	15.70	15.15	30.85	14.89	29.97	15.08
5500	13.40	13.79	27.19	14.34	23.97	9.63	15.07	17.89	32.96	15.18	29.97	14.79
5580	12.45	13.25	25.71	14.10	23.97	9.87	14.01	17.19	31.20	14.94	29.97	15.03
5700	10.96	11.55	22.51	13.52	23.97	10.45	12.32	14.99	27.31	14.36	29.97	15.61
5720	12.09	12.09	24.19	13.84	23.97	10.13	13.60	15.69	29.29	14.67	29.97	15.30
5745	11.70	11.90	23.60	13.73	30.00	16.27	13.16	15.43	28.59	14.56	36.00	21.44
5785	12.18	12.59	24.77	13.94	30.00	16.06	13.70	16.33	30.03	14.77	36.00	21.23
5825	11.51	11.55	23.05	13.63	30.00	16.37	12.94	14.98	27.92	14.46	36.00	21.54

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-10.98	1.91	20.17	0.51	11.10	11.61	-11.61	1.95	20.18	1.13	10.51	11.64
5220	0.00	-11.11	1.91	20.17	0.51	10.97	11.48	-11.60	1.95	20.18	1.13	10.53	11.66
5240	0.00	-10.94	1.91	20.17	0.51	11.13	11.64	-11.40	1.95	20.18	1.13	10.73	11.86
5260	0.00	-11.03	1.91	20.17	0.51	11.05	11.56	-11.46	1.96	20.18	1.13	10.68	11.81
5300	0.00	-10.60	1.91	20.17	0.51	11.48	11.99	-11.49	1.96	20.18	1.13	10.65	11.78
5320	0.00	-10.63	1.91	20.17	0.51	11.45	11.96	-11.47	1.97	20.18	1.13	10.67	11.80
5500	0.00	-10.75	1.94	20.08	0.51	11.27	11.78	-10.74	2.03	20.11	1.13	11.40	12.53
5580	0.00	-10.78	1.93	19.80	0.51	10.95	11.46	-10.69	2.01	19.90	1.13	11.22	12.35
5700	0.00	-11.21	1.91	19.69	0.51	10.40	10.91	-11.27	1.99	19.91	1.13	10.63	11.76
5720	0.00	-11.25	1.91	20.17	0.51	10.83	11.34	-11.33	1.98	20.17	1.13	10.83	11.96
5745	0.00	-11.41	1.93	20.17	0.51	10.68	11.19	-11.42	2.00	20.17	1.13	10.75	11.88
5785	0.00	-11.23	1.92	20.17	0.51	10.86	11.37	-11.16	1.99	20.17	1.13	11.00	12.13
5825	0.00	-11.47	1.91	20.17	0.51	10.61	11.12	-11.52	1.97	20.17	1.13	10.63	11.76

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (21.869 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 26-tone RU (CDD)

[High Power mode]

11ax-20 (OFDMA)(CDD) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	0	2.77	2.47	5.25	7.20	23.97	16.77	3.60	3.21	6.81	8.33	29.97	21.64
	4	2.44	2.27	4.70	6.72	23.97	17.25	3.16	2.94	6.10	7.85	29.97	22.12
	8	2.66	2.50	5.16	7.12	23.97	16.85	3.44	3.24	6.69	8.25	29.97	21.72
5220	0	3.05	2.41	5.45	7.37	23.97	16.60	3.95	3.12	7.07	8.50	29.97	21.47
	4	2.68	2.18	4.86	6.87	23.97	17.10	3.48	2.83	6.30	8.00	29.97	21.97
	8	3.01	2.43	5.44	7.36	23.97	16.61	3.90	3.16	7.06	8.49	29.97	21.48
5240	0	3.07	2.75	5.81	7.65	23.97	16.32	3.98	3.56	7.54	8.78	29.97	21.19
	4	2.72	2.34	5.06	7.04	23.97	16.93	3.52	3.04	6.56	8.17	29.97	21.80
	8	2.87	2.35	5.22	7.18	23.97	16.79	3.72	3.05	6.78	8.31	29.97	21.66
5260	0	9.07	9.31	18.38	12.64	23.75	11.11	11.77	12.08	23.85	13.77	29.97	16.20
	4	8.13	8.61	16.73	12.24	23.75	11.51	10.54	11.17	21.71	13.37	29.97	16.60
	8	9.16	9.48	18.64	12.70	23.75	11.05	11.88	12.30	24.18	13.83	29.97	16.14
5300	0	10.41	9.15	19.56	12.91	23.75	10.84	13.51	11.87	25.38	14.04	29.97	15.93
	4	9.13	8.25	17.38	12.40	23.75	11.35	11.85	10.70	22.55	13.53	29.97	16.44
	8	10.34	9.09	19.43	12.88	23.75	10.87	13.42	11.79	25.20	14.01	29.97	15.96
5320	0	10.08	8.64	18.72	12.72	23.75	11.03	13.08	11.21	24.29	13.85	29.97	16.12
	4	8.84	7.88	16.72	12.23	23.75	11.52	11.47	10.22	21.69	13.36	29.97	16.61
	8	9.81	8.94	18.75	12.73	23.75	11.02	12.72	11.60	24.32	13.86	29.97	16.11

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0	0.00	-17.65	1.91	20.17	1.13	4.43	5.56	-18.20	1.96	20.18	1.13	3.93	5.06
	4	0.00	-18.21	1.91	20.17	1.13	3.87	5.00	-18.58	1.96	20.18	1.13	3.55	4.68
	8	0.00	-17.84	1.91	20.17	1.13	4.24	5.37	-18.15	1.96	20.18	1.13	3.98	5.11
5220	0	0.00	-17.24	1.91	20.17	1.13	4.84	5.97	-18.32	1.96	20.18	1.13	3.81	4.94
	4	0.00	-17.80	1.91	20.17	1.13	4.28	5.41	-18.75	1.96	20.18	1.13	3.38	4.51
	8	0.00	-17.30	1.91	20.17	1.13	4.78	5.91	-18.27	1.96	20.18	1.13	3.86	4.99
5240	0	0.00	-17.21	1.91	20.17	1.13	4.87	6.00	-17.75	1.96	20.18	1.13	4.39	5.52
	4	0.00	-17.74	1.91	20.17	1.13	4.34	5.47	-18.44	1.96	20.18	1.13	3.70	4.83
	8	0.00	-17.50	1.91	20.17	1.13	4.58	5.71	-18.42	1.96	20.18	1.13	3.72	4.85
5260	0	0.00	-12.51	1.92	20.17	1.13	9.58	10.71	-12.46	1.97	20.18	1.13	9.69	10.82
	4	0.00	-12.99	1.92	20.17	1.13	9.10	10.23	-12.80	1.97	20.18	1.13	9.35	10.48
	8	0.00	-12.47	1.92	20.17	1.13	9.62	10.75	-12.38	1.97	20.18	1.13	9.77	10.90
5300	0	0.00	-11.91	1.92	20.17	1.13	10.18	11.31	-12.54	1.98	20.18	1.13	9.61	10.74
	4	0.00	-12.48	1.92	20.17	1.13	9.61	10.74	-12.99	1.98	20.18	1.13	9.16	10.29
	8	0.00	-11.94	1.92	20.17	1.13	10.15	11.28	-12.57	1.98	20.18	1.13	9.58	10.71
5320	0	0.00	-12.05	1.92	20.17	1.13	10.04	11.17	-12.79	1.98	20.17	1.13	9.37	10.50
	4	0.00	-12.62	1.92	20.17	1.13	9.47	10.60	-13.19	1.98	20.17	1.13	8.97	10.10
	8	0.00	-12.17	1.92	20.17	1.13	9.92	11.05	-12.64	1.98	20.17	1.13	9.52	10.65

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (18.844 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 26-tone RU (CDD)

[High Power mode]

11ax-20 (OFDMA)(CDD) 26-tone RU
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	0	10.06	9.45	19.51	12.90	23.75	10.85	13.06	12.26	25.31	14.03	29.97	15.94
	4	8.47	8.68	17.14	12.34	23.75	11.41	10.98	11.25	22.24	13.47	29.97	16.50
	8	9.35	9.98	19.33	12.86	23.75	10.89	12.13	12.95	25.08	13.99	29.97	15.98
5580	0	9.09	9.70	18.80	12.74	23.75	11.01	11.80	12.59	24.38	13.87	29.97	16.10
	4	7.99	8.89	16.88	12.27	23.75	11.48	10.37	11.53	21.90	13.40	29.97	16.57
	8	9.16	10.09	19.25	12.84	23.75	10.91	11.88	13.09	24.97	13.97	29.97	16.00
5700	0	8.50	8.69	17.18	12.35	23.75	11.40	11.02	11.27	22.29	13.48	29.97	16.49
	4	7.38	7.98	15.36	11.86	23.75	11.89	9.58	10.35	19.92	12.99	29.97	16.98
	8	8.50	8.97	17.47	12.42	23.75	11.33	11.02	11.64	22.66	13.55	29.97	16.42
5720	0	8.13	8.36	16.49	12.17	23.75	11.58	10.54	10.85	21.39	13.30	29.97	16.67
	4	7.38	8.02	15.40	11.88	23.75	11.87	9.57	10.41	19.98	13.01	29.97	16.96
	8	8.28	8.84	17.12	12.33	23.75	11.42	10.74	11.47	22.21	13.46	29.97	16.51
5745	0	9.12	8.94	18.06	12.57	30.00	17.43	11.82	11.60	23.42	13.70	36.00	22.30
	4	8.16	8.27	16.43	12.16	30.00	17.84	10.59	10.72	21.31	13.29	36.00	22.71
	8	8.79	9.28	18.06	12.57	30.00	17.43	11.40	12.03	23.43	13.70	36.00	22.30
5785	0	9.80	9.36	19.15	12.82	30.00	17.18	12.71	12.14	24.85	13.95	36.00	22.05
	4	8.83	8.73	17.57	12.45	30.00	17.55	11.46	11.33	22.79	13.58	36.00	22.42
	8	9.93	10.07	20.01	13.01	30.00	16.99	12.89	13.07	25.95	14.14	36.00	21.86
5825	0	9.11	8.51	17.62	12.46	30.00	17.54	11.82	11.04	22.85	13.59	36.00	22.41
	4	7.95	7.83	15.78	11.98	30.00	18.02	10.32	10.16	20.48	13.11	36.00	22.89
	8	9.03	8.91	17.94	12.54	30.00	17.46	11.71	11.56	23.27	13.67	36.00	22.33

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	0	0.00	-12.08	1.94	20.17	1.13	10.03	11.16	-12.45	2.03	20.17	1.13	9.75	10.88
	4	0.00	-12.83	1.94	20.17	1.13	9.28	10.41	-12.82	2.03	20.17	1.13	9.38	10.51
	8	0.00	-12.40	1.94	20.17	1.13	9.71	10.84	-12.21	2.03	20.17	1.13	9.99	11.12
5580	0	0.00	-12.51	1.93	20.16	1.13	9.59	10.72	-12.32	2.02	20.17	1.13	9.87	11.00
	4	0.00	-13.07	1.93	20.16	1.13	9.03	10.16	-12.70	2.02	20.17	1.13	9.49	10.62
	8	0.00	-12.48	1.93	20.16	1.13	9.62	10.75	-12.15	2.02	20.17	1.13	10.04	11.17
5700	0	0.00	-12.79	1.92	20.16	1.13	9.29	10.42	-12.78	1.99	20.17	1.13	9.39	10.52
	4	0.00	-13.40	1.92	20.16	1.13	8.68	9.81	-13.15	1.99	20.17	1.13	9.02	10.15
	8	0.00	-12.79	1.92	20.16	1.13	9.29	10.42	-12.64	1.99	20.17	1.13	9.53	10.66
5720	0	0.00	-12.98	1.92	20.16	1.13	9.10	10.23	-12.94	1.99	20.17	1.13	9.22	10.35
	4	0.00	-13.40	1.92	20.16	1.13	8.68	9.81	-13.12	1.99	20.17	1.13	9.04	10.17
	8	0.00	-12.90	1.92	20.16	1.13	9.18	10.31	-12.70	1.99	20.17	1.13	9.46	10.59
5745	0	0.00	-12.50	1.94	20.16	1.13	9.60	10.73	-12.67	2.01	20.17	1.13	9.51	10.64
	4	0.00	-12.98	1.94	20.16	1.13	9.12	10.25	-13.01	2.01	20.17	1.13	9.17	10.30
	8	0.00	-12.66	1.94	20.16	1.13	9.44	10.57	-12.51	2.01	20.17	1.13	9.67	10.80
5785	0	0.00	-12.18	1.93	20.16	1.13	9.91	11.04	-12.46	2.00	20.17	1.13	9.71	10.84
	4	0.00	-12.63	1.93	20.16	1.13	9.46	10.59	-12.76	2.00	20.17	1.13	9.41	10.54
	8	0.00	-12.12	1.93	20.16	1.13	9.97	11.10	-12.14	2.00	20.17	1.13	10.03	11.16
5825	0	0.00	-12.49	1.93	20.16	1.13	9.60	10.73	-12.86	1.98	20.17	1.13	9.30	10.43
	4	0.00	-13.08	1.93	20.16	1.13	9.01	10.14	-13.22	1.98	20.17	1.13	8.94	10.07
	8	0.00	-12.53	1.93	20.16	1.13	9.56	10.69	-12.66	1.98	20.17	1.13	9.50	10.63

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (18.844 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 26-tone RU (SDM)

[High Power mode]

11ax-20 (OFDMA)(SDM) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	0	2.83	2.54	5.37	7.30	23.97	16.67	3.19	3.29	6.48	8.11	29.97	21.86
	4	2.52	2.22	4.74	6.76	23.97	17.21	2.83	2.89	5.72	7.57	29.97	22.40
	8	2.80	2.51	5.31	7.25	23.97	16.72	3.15	3.25	6.40	8.06	29.97	21.91
5220	0	3.14	2.49	5.63	7.51	23.97	16.46	3.53	3.23	6.76	8.30	29.97	21.67
	4	2.83	2.21	5.04	7.02	23.97	16.95	3.18	2.87	6.05	7.82	29.97	22.15
	8	3.06	2.49	5.55	7.44	23.97	16.53	3.44	3.22	6.67	8.24	29.97	21.73
5240	0	3.02	2.67	5.68	7.55	23.97	16.42	3.40	3.46	6.85	8.36	29.97	21.61
	4	2.88	2.53	5.40	7.33	23.97	16.64	3.24	3.28	6.51	8.14	29.97	21.83
	8	3.11	2.78	5.90	7.71	23.97	16.26	3.50	3.61	7.11	8.52	29.97	21.45
5260	0	9.84	9.59	19.43	12.88	23.75	10.87	11.06	12.44	23.51	13.71	29.97	16.26
	4	8.71	8.20	16.91	12.28	23.75	11.47	9.79	10.64	20.43	13.10	29.97	16.87
	8	9.66	9.14	18.80	12.74	23.75	11.01	10.86	11.86	22.72	13.56	29.97	16.41
5300	0	10.86	8.90	19.75	12.96	23.75	10.79	12.21	11.54	23.75	13.76	29.97	16.21
	4	9.76	7.89	17.66	12.47	23.75	11.28	10.98	10.24	21.22	13.27	29.97	16.70
	8	10.51	9.23	19.74	12.95	23.75	10.80	11.82	11.98	23.80	13.77	29.97	16.20
5320	0	10.56	8.94	19.50	12.90	23.75	10.85	11.87	11.60	23.48	13.71	29.97	16.26
	4	9.47	8.14	17.61	12.46	23.75	11.29	10.66	10.56	21.21	13.27	29.97	16.70
	8	10.04	8.68	18.72	12.72	23.75	11.03	11.29	11.26	22.55	13.53	29.97	16.44

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0	0.00	-17.56	1.91	20.17	0.51	4.52	5.03	-18.09	1.96	20.18	1.13	4.04	5.17
	4	0.00	-18.07	1.91	20.17	0.51	4.01	4.52	-18.66	1.96	20.18	1.13	3.47	4.60
	8	0.00	-17.61	1.91	20.17	0.51	4.47	4.98	-18.14	1.96	20.18	1.13	3.99	5.12
5220	0	0.00	-17.11	1.91	20.17	0.51	4.97	5.48	-18.17	1.96	20.18	1.13	3.96	5.09
	4	0.00	-17.57	1.91	20.17	0.51	4.51	5.02	-18.68	1.96	20.18	1.13	3.45	4.58
	8	0.00	-17.22	1.91	20.17	0.51	4.86	5.37	-18.18	1.96	20.18	1.13	3.95	5.08
5240	0	0.00	-17.28	1.91	20.17	0.51	4.80	5.31	-17.88	1.96	20.18	1.13	4.26	5.39
	4	0.00	-17.49	1.91	20.17	0.51	4.59	5.10	-18.11	1.96	20.18	1.13	4.03	5.16
	8	0.00	-17.15	1.91	20.17	0.51	4.93	5.44	-17.69	1.96	20.18	1.13	4.45	5.58
5260	0	0.00	-12.16	1.92	20.17	0.51	9.93	10.44	-12.33	1.97	20.18	1.13	9.82	10.95
	4	0.00	-12.69	1.92	20.17	0.51	9.40	9.91	-13.01	1.97	20.18	1.13	9.14	10.27
	8	0.00	-12.24	1.92	20.17	0.51	9.85	10.36	-12.54	1.97	20.18	1.13	9.61	10.74
5300	0	0.00	-11.73	1.92	20.17	0.51	10.36	10.87	-12.66	1.98	20.18	1.13	9.49	10.62
	4	0.00	-12.19	1.92	20.17	0.51	9.90	10.41	-13.18	1.98	20.18	1.13	8.97	10.10
	8	0.00	-11.87	1.92	20.17	0.51	10.22	10.73	-12.50	1.98	20.18	1.13	9.65	10.78
5320	0	0.00	-11.85	1.92	20.17	0.51	10.24	10.75	-12.64	1.98	20.17	1.13	9.52	10.65
	4	0.00	-12.32	1.92	20.17	0.51	9.77	10.28	-13.05	1.98	20.17	1.13	9.11	10.24
	8	0.00	-12.07	1.92	20.17	0.51	10.02	10.53	-12.77	1.98	20.17	1.13	9.39	10.52

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (18.844 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 26-tone RU (SDM)

[High Power mode]

11ax-20 (OFDMA)(SDM) 26-tone RU
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	0	9.59	10.22	19.81	12.97	23.75	10.78	10.78	13.25	24.04	13.81	29.97	16.16
	4	8.29	8.80	17.09	12.33	23.75	11.42	9.33	11.41	20.74	13.17	29.97	16.80
	8	9.35	9.92	19.27	12.85	23.75	10.90	10.51	12.86	23.38	13.69	29.97	16.28
5580	0	9.01	9.97	18.99	12.78	23.75	10.97	10.13	12.94	23.07	13.63	29.97	16.34
	4	8.16	9.01	17.18	12.35	23.75	11.40	9.18	11.69	20.87	13.20	29.97	16.77
	8	9.05	9.88	18.94	12.77	23.75	10.98	10.18	12.82	23.00	13.62	29.97	16.35
5700	0	8.13	8.93	17.06	12.32	23.75	11.43	9.15	11.58	20.73	13.17	29.97	16.80
	4	7.30	8.09	15.39	11.87	23.75	11.88	8.21	10.49	18.70	12.72	29.97	17.25
	8	8.28	9.03	17.32	12.38	23.75	11.37	9.32	11.72	21.03	13.23	29.97	16.74
5720	0	8.02	8.84	16.86	12.27	23.75	11.48	9.02	11.47	20.48	13.11	29.97	16.86
	4	7.26	7.82	15.08	11.79	23.75	11.96	8.17	10.15	18.31	12.63	29.97	17.34
	8	7.82	8.76	16.57	12.19	23.75	11.56	8.79	11.36	20.15	13.04	29.97	16.93
5745	0	8.79	9.38	18.17	12.59	30.00	17.41	9.88	12.17	22.05	13.43	36.00	22.57
	4	7.94	8.72	16.66	12.22	30.00	17.78	8.93	11.31	20.24	13.06	36.00	22.94
	8	8.81	9.45	18.25	12.61	30.00	17.39	9.90	12.26	22.16	13.46	36.00	22.54
5785	0	9.55	10.00	19.56	12.91	30.00	17.09	10.74	12.98	23.72	13.75	36.00	22.25
	4	8.77	9.08	17.85	12.52	30.00	17.48	9.87	11.78	21.65	13.35	36.00	22.65
	8	9.89	10.35	20.24	13.06	30.00	16.94	11.12	13.43	24.55	13.90	36.00	22.10
5825	0	8.90	8.85	17.75	12.49	30.00	17.51	10.01	11.48	21.49	13.32	36.00	22.68
	4	8.14	8.41	16.55	12.19	30.00	17.81	9.15	10.91	20.06	13.02	36.00	22.98
	8	9.09	9.31	18.40	12.65	30.00	17.35	10.22	12.07	22.30	13.48	36.00	22.52

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	0	0.00	-12.29	1.94	20.17	0.51	9.82	10.33	-12.11	2.03	20.17	1.13	10.09	11.22
	4	0.00	-12.92	1.94	20.17	0.51	9.19	9.70	-12.76	2.03	20.17	1.13	9.44	10.57
	8	0.00	-12.40	1.94	20.17	0.51	9.71	10.22	-12.24	2.03	20.17	1.13	9.96	11.09
5580	0	0.00	-12.55	1.93	20.16	0.51	9.55	10.06	-12.20	2.02	20.17	1.13	9.99	11.12
	4	0.00	-12.98	1.93	20.16	0.51	9.12	9.63	-12.64	2.02	20.17	1.13	9.55	10.68
	8	0.00	-12.53	1.93	20.16	0.51	9.57	10.08	-12.24	2.02	20.17	1.13	9.95	11.08
5700	0	0.00	-12.98	1.92	20.16	0.51	9.10	9.61	-12.66	1.99	20.17	1.13	9.51	10.64
	4	0.00	-13.45	1.92	20.16	0.51	8.63	9.14	-13.09	1.99	20.17	1.13	9.08	10.21
	8	0.00	-12.90	1.92	20.16	0.51	9.18	9.69	-12.61	1.99	20.17	1.13	9.56	10.69
5720	0	0.00	-13.04	1.92	20.16	0.51	9.04	9.55	-12.70	1.99	20.17	1.13	9.46	10.59
	4	0.00	-13.47	1.92	20.16	0.51	8.61	9.12	-13.23	1.99	20.17	1.13	8.93	10.06
	8	0.00	-13.15	1.92	20.16	0.51	8.93	9.44	-12.74	1.99	20.17	1.13	9.42	10.55
5745	0	0.00	-12.66	1.94	20.16	0.51	9.44	9.95	-12.46	2.01	20.17	1.13	9.72	10.85
	4	0.00	-13.10	1.94	20.16	0.51	9.00	9.51	-12.78	2.01	20.17	1.13	9.40	10.53
	8	0.00	-12.65	1.94	20.16	0.51	9.45	9.96	-12.43	2.01	20.17	1.13	9.75	10.88
5785	0	0.00	-12.29	1.93	20.16	0.51	9.80	10.31	-12.17	2.00	20.17	1.13	10.00	11.13
	4	0.00	-12.66	1.93	20.16	0.51	9.43	9.94	-12.59	2.00	20.17	1.13	9.58	10.71
	8	0.00	-12.14	1.93	20.16	0.51	9.95	10.46	-12.02	2.00	20.17	1.13	10.15	11.28
5825	0	0.00	-12.59	1.93	20.16	0.51	9.50	10.01	-12.69	1.98	20.17	1.13	9.47	10.60
	4	0.00	-12.98	1.93	20.16	0.51	9.11	9.62	-12.91	1.98	20.17	1.13	9.25	10.38
	8	0.00	-12.50	1.93	20.16	0.51	9.59	10.10	-12.47	1.98	20.17	1.13	9.69	10.82

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (18.844 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (CDD)

[High Power mode]

11ax-20 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	37	6.04	5.74	11.79	10.71	23.97	13.26	7.84	7.45	15.29	11.84	29.97	18.13
	38	5.52	5.17	10.69	10.29	23.97	13.68	7.16	6.70	13.87	11.42	29.97	18.55
	40	5.82	5.50	11.32	10.54	23.97	13.43	7.55	7.13	14.68	11.67	29.97	18.30
5220	37	5.61	5.25	10.86	10.36	23.97	13.61	7.28	6.81	14.09	11.49	29.97	18.48
	38	5.48	5.10	10.58	10.25	23.97	13.72	7.11	6.61	13.73	11.38	29.97	18.59
	40	5.53	5.37	10.91	10.38	23.97	13.59	7.18	6.97	14.15	11.51	29.97	18.46
5240	37	6.29	5.97	12.26	10.89	23.97	13.08	8.16	7.74	15.90	12.02	29.97	17.95
	38	5.94	5.84	11.79	10.71	23.97	13.26	7.71	7.58	15.29	11.84	29.97	18.13
	40	6.07	5.82	11.88	10.75	23.97	13.22	7.87	7.55	15.42	11.88	29.97	18.09
5260	37	12.94	11.30	24.23	13.84	23.90	10.06	16.78	14.65	31.43	14.97	29.97	15.00
	38	12.07	10.84	22.91	13.60	23.90	10.30	15.66	14.06	29.72	14.73	29.97	15.24
	40	12.33	11.51	23.83	13.77	23.90	10.13	15.99	14.93	30.92	14.90	29.97	15.07
5300	37	13.67	11.49	25.16	14.01	23.90	9.89	17.73	14.91	32.63	15.14	29.97	14.83
	38	13.05	11.02	24.08	13.82	23.90	10.08	16.93	14.30	31.23	14.95	29.97	15.02
	40	13.89	11.73	25.62	14.09	23.90	9.81	18.02	15.22	33.23	15.22	29.97	14.75
5320	37	13.73	11.47	25.20	14.01	23.90	9.89	17.81	14.88	32.68	15.14	29.97	14.83
	38	12.99	10.70	23.69	13.75	23.90	10.15	16.85	13.88	30.73	14.88	29.97	15.09
	40	13.54	11.36	24.90	13.96	23.90	9.94	17.56	14.74	32.30	15.09	29.97	14.88

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	37	0.00	-14.27	1.91	20.17	1.13	7.81	8.94	-14.54	1.96	20.18	1.13	7.59	8.72
	38	0.00	-14.66	1.91	20.17	1.13	7.42	8.55	-15.00	1.96	20.18	1.13	7.13	8.26
	40	0.00	-14.43	1.91	20.17	1.13	7.65	8.78	-14.73	1.96	20.18	1.13	7.40	8.53
5220	37	0.00	-14.59	1.91	20.17	1.13	7.49	8.62	-14.93	1.96	20.18	1.13	7.20	8.33
	38	0.00	-14.69	1.91	20.17	1.13	7.39	8.52	-15.06	1.96	20.18	1.13	7.07	8.20
	40	0.00	-14.65	1.91	20.17	1.13	7.43	8.56	-14.83	1.96	20.18	1.13	7.30	8.43
5240	37	0.00	-14.09	1.91	20.17	1.13	7.99	9.12	-14.38	1.96	20.18	1.13	7.76	8.89
	38	0.00	-14.34	1.91	20.17	1.13	7.74	8.87	-14.47	1.96	20.18	1.13	7.67	8.80
	40	0.00	-14.25	1.91	20.17	1.13	7.83	8.96	-14.49	1.96	20.18	1.13	7.65	8.78
5260	37	0.00	-10.97	1.92	20.17	1.13	11.12	12.25	-11.62	1.97	20.18	1.13	10.53	11.66
	38	0.00	-11.27	1.92	20.17	1.13	10.82	11.95	-11.80	1.97	20.18	1.13	10.35	11.48
	40	0.00	-11.18	1.92	20.17	1.13	10.91	12.04	-11.54	1.97	20.18	1.13	10.61	11.74
5300	37	0.00	-10.73	1.92	20.17	1.13	11.36	12.49	-11.55	1.98	20.18	1.13	10.60	11.73
	38	0.00	-10.93	1.92	20.17	1.13	11.16	12.29	-11.73	1.98	20.18	1.13	10.42	11.55
	40	0.00	-10.66	1.92	20.17	1.13	11.43	12.56	-11.46	1.98	20.18	1.13	10.69	11.82
5320	37	0.00	-10.71	1.92	20.17	1.13	11.38	12.51	-11.56	1.98	20.17	1.13	10.60	11.73
	38	0.00	-10.95	1.92	20.17	1.13	11.14	12.27	-11.86	1.98	20.17	1.13	10.30	11.43
	40	0.00	-10.77	1.92	20.17	1.13	11.32	12.45	-11.60	1.98	20.17	1.13	10.56	11.69

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (19.500 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (CDD)

[High Power mode]

11ax-20 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	37	12.13	12.12	24.24	13.85	23.90	10.05	15.73	15.72	31.45	14.98	29.97	14.99
	38	11.16	11.87	23.03	13.62	23.90	10.28	14.48	15.39	29.87	14.75	29.97	15.22
	40	11.69	12.20	23.89	13.78	23.90	10.12	15.16	15.82	30.99	14.91	29.97	15.06
5580	37	11.34	12.67	24.02	13.81	23.90	10.09	14.72	16.44	31.16	14.94	29.97	15.03
	38	11.53	12.67	24.20	13.84	23.90	10.06	14.95	16.44	31.39	14.97	29.97	15.00
	40	11.55	13.15	24.70	13.93	23.90	9.97	14.99	17.06	32.05	15.06	29.97	14.91
5700	37	10.48	10.30	20.78	13.18	23.90	10.72	13.59	13.36	26.95	14.31	29.97	15.66
	38	9.85	9.99	19.84	12.98	23.90	10.92	12.77	12.97	25.74	14.11	29.97	15.86
	40	10.53	10.39	20.92	13.21	23.90	10.69	13.65	13.48	27.14	14.34	29.97	15.63
5720	37	10.33	9.87	20.20	13.05	23.90	10.85	13.40	12.81	26.20	14.18	29.97	15.79
	38	9.40	9.56	18.96	12.78	23.90	11.12	12.19	12.40	24.59	13.91	29.97	16.06
	40	10.38	10.46	20.83	13.19	23.90	10.71	13.46	13.56	27.02	14.32	29.97	15.65
5745	37	11.64	11.60	23.23	13.66	30.00	16.34	15.09	15.04	30.14	14.79	36.00	21.21
	38	11.09	11.20	22.29	13.48	30.00	16.52	14.38	14.53	28.91	14.61	36.00	21.39
	40	11.53	11.92	23.45	13.70	30.00	16.30	14.95	15.47	30.42	14.83	36.00	21.17
5785	37	12.17	11.94	24.11	13.82	30.00	16.18	15.78	15.49	31.27	14.95	36.00	21.05
	38	11.65	11.86	23.51	13.71	30.00	16.29	15.11	15.39	30.49	14.84	36.00	21.16
	40	12.28	12.65	24.93	13.97	30.00	16.03	15.93	16.41	32.34	15.10	36.00	20.90
5825	37	11.47	10.99	22.46	13.51	30.00	16.49	14.88	14.25	29.13	14.64	36.00	21.36
	38	10.78	10.71	21.49	13.32	30.00	16.68	13.98	13.90	27.88	14.45	36.00	21.55
	40	11.57	11.37	22.95	13.61	30.00	16.39	15.01	14.75	29.77	14.74	36.00	21.26

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	37	0.00	-11.27	1.94	20.17	1.13	10.84	11.97	-11.37	2.03	20.17	1.13	10.83	11.96
	38	0.00	-11.63	1.94	20.17	1.13	10.48	11.61	-11.46	2.03	20.17	1.13	10.74	11.87
	40	0.00	-11.43	1.94	20.17	1.13	10.68	11.81	-11.34	2.03	20.17	1.13	10.86	11.99
5580	37	0.00	-11.55	1.93	20.16	1.13	10.55	11.68	-11.16	2.02	20.17	1.13	11.03	12.16
	38	0.00	-11.48	1.93	20.16	1.13	10.62	11.75	-11.16	2.02	20.17	1.13	11.03	12.16
	40	0.00	-11.47	1.93	20.16	1.13	10.63	11.76	-11.00	2.02	20.17	1.13	11.19	12.32
5700	37	0.00	-11.88	1.92	20.16	1.13	10.20	11.33	-12.04	1.99	20.17	1.13	10.13	11.26
	38	0.00	-12.15	1.92	20.16	1.13	9.93	11.06	-12.17	1.99	20.17	1.13	10.00	11.13
	40	0.00	-11.86	1.92	20.16	1.13	10.22	11.35	-12.00	1.99	20.17	1.13	10.17	11.30
5720	37	0.00	-11.94	1.92	20.16	1.13	10.14	11.27	-12.22	1.99	20.17	1.13	9.94	11.07
	38	0.00	-12.35	1.92	20.16	1.13	9.73	10.86	-12.36	1.99	20.17	1.13	9.80	10.93
	40	0.00	-11.92	1.92	20.16	1.13	10.16	11.29	-11.97	1.99	20.17	1.13	10.19	11.32
5745	37	0.00	-11.44	1.94	20.16	1.13	10.66	11.79	-11.54	2.01	20.17	1.13	10.64	11.77
	38	0.00	-11.65	1.94	20.16	1.13	10.45	11.58	-11.69	2.01	20.17	1.13	10.49	11.62
	40	0.00	-11.48	1.94	20.16	1.13	10.62	11.75	-11.42	2.01	20.17	1.13	10.76	11.89
5785	37	0.00	-11.24	1.93	20.16	1.13	10.85	11.98	-11.40	2.00	20.17	1.13	10.77	11.90
	38	0.00	-11.43	1.93	20.16	1.13	10.66	11.79	-11.43	2.00	20.17	1.13	10.74	11.87
	40	0.00	-11.20	1.93	20.16	1.13	10.89	12.02	-11.15	2.00	20.17	1.13	11.02	12.15
5825	37	0.00	-11.49	1.93	20.16	1.13	10.60	11.73	-11.75	1.98	20.17	1.13	10.41	11.54
	38	0.00	-11.76	1.93	20.16	1.13	10.33	11.46	-11.86	1.98	20.17	1.13	10.30	11.43
	40	0.00	-11.45	1.93	20.16	1.13	10.64	11.77	-11.60	1.98	20.17	1.13	10.56	11.69

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (19.500 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (SDM)

[High Power mode]

11ax-20 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	37	5.76	4.94	10.70	10.29	23.97	13.68	6.47	6.41	12.89	11.10	29.97	18.87
	38	5.18	4.66	9.84	9.93	23.97	14.04	5.82	6.04	11.86	10.74	29.97	19.23
	40	5.48	4.87	10.35	10.15	23.97	13.82	6.17	6.31	12.48	10.96	29.97	19.01
5220	37	5.38	4.88	10.26	10.11	23.97	13.86	6.05	6.33	12.38	10.93	29.97	19.04
	38	4.93	4.63	9.56	9.80	23.97	14.17	5.55	6.00	11.55	10.63	29.97	19.34
	40	5.19	4.71	9.90	9.96	23.97	14.01	5.84	6.11	11.95	10.77	29.97	19.20
5240	37	5.77	5.48	11.25	10.51	23.97	13.46	6.49	7.11	13.59	11.33	29.97	18.64
	38	5.48	5.17	10.65	10.28	23.97	13.69	6.16	6.71	12.88	11.10	29.97	18.87
	40	5.91	5.21	11.12	10.46	23.97	13.51	6.65	6.76	13.41	11.27	29.97	18.70
5260	37	12.97	11.80	24.77	13.94	23.90	9.96	14.58	15.31	29.89	14.76	29.97	15.21
	38	12.13	11.27	23.40	13.69	23.90	10.21	13.64	14.62	28.26	14.51	29.97	15.46
	40	12.88	11.64	24.52	13.89	23.90	10.01	14.48	15.10	29.58	14.71	29.97	15.26
5300	37	13.98	11.84	25.82	14.12	23.90	9.78	15.73	15.36	31.09	14.93	29.97	15.04
	38	13.17	11.31	24.48	13.89	23.90	10.01	14.81	14.67	29.48	14.70	29.97	15.27
	40	13.89	11.68	25.57	14.08	23.90	9.82	15.62	15.15	30.77	14.88	29.97	15.09
5320	37	13.89	11.39	25.28	14.03	23.90	9.87	15.62	14.78	30.39	14.83	29.97	15.14
	38	13.11	11.21	24.32	13.86	23.90	10.04	14.74	14.54	29.28	14.67	29.97	15.30
	40	13.70	11.52	25.22	14.02	23.90	9.88	15.40	14.95	30.35	14.82	29.97	15.15

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	37	0.00	-14.48	1.91	20.17	0.51	7.60	8.11	-15.19	1.96	20.18	1.13	6.94	8.07
	38	0.00	-14.94	1.91	20.17	0.51	7.14	7.65	-15.45	1.96	20.18	1.13	6.68	7.81
	40	0.00	-14.69	1.91	20.17	0.51	7.39	7.90	-15.26	1.96	20.18	1.13	6.87	8.00
5220	37	0.00	-14.77	1.91	20.17	0.51	7.31	7.82	-15.25	1.96	20.18	1.13	6.88	8.01
	38	0.00	-15.15	1.91	20.17	0.51	6.93	7.44	-15.48	1.96	20.18	1.13	6.65	7.78
	40	0.00	-14.93	1.91	20.17	0.51	7.15	7.66	-15.40	1.96	20.18	1.13	6.73	7.86
5240	37	0.00	-14.47	1.91	20.17	0.51	7.61	8.12	-14.75	1.96	20.18	1.13	7.39	8.52
	38	0.00	-14.69	1.91	20.17	0.51	7.39	7.90	-15.00	1.96	20.18	1.13	7.14	8.27
	40	0.00	-14.36	1.91	20.17	0.51	7.72	8.23	-14.97	1.96	20.18	1.13	7.17	8.30
5260	37	0.00	-10.96	1.92	20.17	0.51	11.13	11.64	-11.43	1.97	20.18	1.13	10.72	11.85
	38	0.00	-11.25	1.92	20.17	0.51	10.84	11.35	-11.63	1.97	20.18	1.13	10.52	11.65
	40	0.00	-10.99	1.92	20.17	0.51	11.10	11.61	-11.49	1.97	20.18	1.13	10.66	11.79
5300	37	0.00	-10.63	1.92	20.17	0.51	11.46	11.97	-11.42	1.98	20.18	1.13	10.73	11.86
	38	0.00	-10.89	1.92	20.17	0.51	11.20	11.71	-11.62	1.98	20.18	1.13	10.53	11.66
	40	0.00	-10.66	1.92	20.17	0.51	11.43	11.94	-11.48	1.98	20.18	1.13	10.67	11.80
5320	37	0.00	-10.66	1.92	20.17	0.51	11.43	11.94	-11.59	1.98	20.17	1.13	10.57	11.70
	38	0.00	-10.91	1.92	20.17	0.51	11.18	11.69	-11.66	1.98	20.17	1.13	10.50	11.63
	40	0.00	-10.72	1.92	20.17	0.51	11.37	11.88	-11.54	1.98	20.17	1.13	10.62	11.75

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (19.500 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (SDM)

[High Power mode]

11ax-20 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	37	13.73	13.88	27.61	14.41	23.90	9.49	15.44	18.00	33.45	15.24	29.97	14.73
	38	12.85	12.89	25.74	14.11	23.90	9.79	14.45	16.72	31.17	14.94	29.97	15.03
	40	13.27	13.78	27.05	14.32	23.90	9.58	14.92	17.88	32.80	15.16	29.97	14.81
5580	37	13.24	14.03	27.26	14.36	23.90	9.54	14.89	18.19	33.08	15.20	29.97	14.77
	38	12.64	13.46	26.10	14.17	23.90	9.73	14.22	17.45	31.67	15.01	29.97	14.96
	40	13.08	13.93	27.01	14.32	23.90	9.58	14.72	18.07	32.78	15.16	29.97	14.81
5700	37	12.25	11.82	24.08	13.82	23.90	10.08	13.78	15.34	29.12	14.64	29.97	15.33
	38	11.57	11.19	22.76	13.57	23.90	10.33	13.01	14.51	27.52	14.40	29.97	15.57
	40	12.31	11.96	24.27	13.85	23.90	10.05	13.84	15.52	29.36	14.68	29.97	15.29
5720	37	11.78	11.65	23.43	13.70	23.90	10.20	13.24	15.12	28.36	14.53	29.97	15.44
	38	11.19	10.95	22.14	13.45	23.90	10.45	12.59	14.20	26.79	14.28	29.97	15.69
	40	12.02	11.84	23.86	13.78	23.90	10.12	13.52	15.36	28.88	14.61	29.97	15.36
5745	37	11.58	11.57	23.15	13.65	30.00	16.35	13.02	15.01	28.03	14.48	36.00	21.52
	38	10.98	11.00	21.98	13.42	30.00	16.58	12.35	14.27	26.62	14.25	36.00	21.75
	40	11.56	11.65	23.21	13.66	30.00	16.34	12.99	15.11	28.11	14.49	36.00	21.51
5785	37	12.65	12.33	24.99	13.98	30.00	16.02	14.23	16.00	30.23	14.80	36.00	21.20
	38	11.81	11.86	23.67	13.74	30.00	16.26	13.28	15.39	28.66	14.57	36.00	21.43
	40	12.71	12.56	25.27	14.03	30.00	15.97	14.29	16.30	30.59	14.86	36.00	21.14
5825	37	11.79	11.35	23.14	13.64	30.00	16.36	13.26	14.72	27.98	14.47	36.00	21.53
	38	11.34	10.52	21.85	13.40	30.00	16.60	12.75	13.64	26.39	14.21	36.00	21.79
	40	12.06	11.40	23.46	13.70	30.00	16.30	13.57	14.79	28.35	14.53	36.00	21.47

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	37	0.00	-10.73	1.94	20.17	0.51	11.38	11.89	-10.78	2.03	20.17	1.13	11.42	12.55
	38	0.00	-11.02	1.94	20.17	0.51	11.09	11.60	-11.10	2.03	20.17	1.13	11.10	12.23
	40	0.00	-10.88	1.94	20.17	0.51	11.23	11.74	-10.81	2.03	20.17	1.13	11.39	12.52
5580	37	0.00	-10.88	1.93	20.16	0.51	11.22	11.73	-10.72	2.02	20.17	1.13	11.47	12.60
	38	0.00	-11.08	1.93	20.16	0.51	11.02	11.53	-10.90	2.02	20.17	1.13	11.29	12.42
	40	0.00	-10.93	1.93	20.16	0.51	11.17	11.68	-10.75	2.02	20.17	1.13	11.44	12.57
5700	37	0.00	-11.20	1.92	20.16	0.51	10.88	11.39	-11.44	1.99	20.17	1.13	10.73	11.86
	38	0.00	-11.45	1.92	20.16	0.51	10.63	11.14	-11.68	1.99	20.17	1.13	10.49	11.62
	40	0.00	-11.18	1.92	20.16	0.51	10.90	11.41	-11.39	1.99	20.17	1.13	10.78	11.91
5720	37	0.00	-11.37	1.92	20.16	0.51	10.71	11.22	-11.50	1.99	20.17	1.13	10.66	11.79
	38	0.00	-11.59	1.92	20.16	0.51	10.49	11.00	-11.77	1.99	20.17	1.13	10.39	11.52
	40	0.00	-11.28	1.92	20.16	0.51	10.80	11.31	-11.43	1.99	20.17	1.13	10.73	11.86
5745	37	0.00	-11.46	1.94	20.16	0.51	10.64	11.15	-11.55	2.01	20.17	1.13	10.63	11.76
	38	0.00	-11.69	1.94	20.16	0.51	10.41	10.92	-11.77	2.01	20.17	1.13	10.41	11.54
	40	0.00	-11.47	1.94	20.16	0.51	10.63	11.14	-11.52	2.01	20.17	1.13	10.66	11.79
5785	37	0.00	-11.07	1.93	20.16	0.51	11.02	11.53	-11.26	2.00	20.17	1.13	10.91	12.04
	38	0.00	-11.37	1.93	20.16	0.51	10.72	11.23	-11.43	2.00	20.17	1.13	10.74	11.87
	40	0.00	-11.05	1.93	20.16	0.51	11.04	11.55	-11.18	2.00	20.17	1.13	10.99	12.12
5825	37	0.00	-11.37	1.93	20.16	0.51	10.72	11.23	-11.61	1.98	20.17	1.13	10.55	11.68
	38	0.00	-11.54	1.93	20.16	0.51	10.55	11.06	-11.94	1.98	20.17	1.13	10.22	11.35
	40	0.00	-11.27	1.93	20.16	0.51	10.82	11.33	-11.59	1.98	20.17	1.13	10.57	11.70

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (19.500 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	August 1, 2023
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDMA) 106-tone RU (CDD)

[High Power mode]

11ax-20 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	53	12.95	11.33	24.28	13.85	23.97	10.12	16.79	14.69	31.49	14.98	29.97	14.99
	54	13.07	11.86	24.93	13.97	23.97	10.00	16.95	15.39	32.34	15.10	29.97	14.87
5220	53	12.48	11.41	23.89	13.78	23.97	10.19	16.18	14.80	30.99	14.91	29.97	15.06
	54	12.97	11.39	24.36	13.87	23.97	10.10	16.83	14.77	31.60	15.00	29.97	14.97
5240	53	12.76	11.69	24.45	13.88	23.97	10.09	16.55	15.16	31.72	15.01	29.97	14.96
	54	13.12	12.32	25.44	14.06	23.97	9.91	17.02	15.99	33.00	15.19	29.97	14.78
5260	53	11.88	10.64	22.52	13.53	23.97	10.44	15.41	13.80	29.21	14.66	29.97	15.31
	54	11.77	10.94	22.71	13.56	23.97	10.41	15.27	14.19	29.46	14.69	29.97	15.28
5300	53	12.67	10.48	23.15	13.64	23.97	10.33	16.43	13.59	30.02	14.77	29.97	15.20
	54	12.75	10.41	23.16	13.65	23.97	10.32	16.54	13.50	30.04	14.78	29.97	15.19
5320	53	12.49	10.22	22.71	13.56	23.97	10.41	16.20	13.26	29.46	14.69	29.97	15.28
	54	12.40	10.27	22.67	13.56	23.97	10.41	16.09	13.32	29.41	14.69	29.97	15.28

			5G_CH0						**5G_CH1**					
Tested Frequency	RU Index	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	53	0.00	-10.96	1.91	20.17	1.13	11.12	12.25	-11.59	1.96	20.18	1.13	10.54	11.67
	54	0.00	-10.92	1.91	20.17	1.13	11.16	12.29	-11.39	1.96	20.18	1.13	10.74	11.87
5220	53	0.00	-11.12	1.91	20.17	1.13	10.96	12.09	-11.56	1.96	20.18	1.13	10.57	11.70
	54	0.00	-10.95	1.91	20.17	1.13	11.13	12.26	-11.57	1.96	20.18	1.13	10.56	11.69
5240	53	0.00	-11.02	1.91	20.17	1.13	11.06	12.19	-11.46	1.96	20.18	1.13	10.68	11.81
	54	0.00	-10.90	1.91	20.17	1.13	11.18	12.31	-11.23	1.96	20.18	1.13	10.91	12.04
5260	53	0.00	-11.34	1.92	20.17	1.13	10.75	11.88	-11.88	1.97	20.18	1.13	10.27	11.40
	54	0.00	-11.38	1.92	20.17	1.13	10.71	11.84	-11.76	1.97	20.18	1.13	10.39	11.52
5300	53	0.00	-11.06	1.92	20.17	1.13	11.03	12.16	-11.95	1.98	20.18	1.13	10.20	11.33
	54	0.00	-11.03	1.92	20.17	1.13	11.06	12.19	-11.98	1.98	20.18	1.13	10.17	11.30
5320	53	0.00	-11.12	1.92	20.17	1.13	10.97	12.10	-12.06	1.98	20.17	1.13	10.10	11.23
	54	0.00	-11.15	1.92	20.17	1.13	10.94	12.07	-12.04	1.98	20.17	1.13	10.12	11.25

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.612 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	August 1, 2023
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDMA) 106-tone RU (CDD)

[High Power mode]

11ax-20 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	53	12.02	12.06	24.08	13.82	23.97	10.15	15.59	15.64	31.23	14.95	29.97	15.02
	54	11.93	12.28	24.22	13.84	23.97	10.13	15.48	15.93	31.41	14.97	29.97	15.00
5580	53	11.58	12.73	24.31	13.86	23.97	10.11	15.02	16.52	31.54	14.99	29.97	14.98
	54	11.91	12.94	24.85	13.95	23.97	10.02	15.44	16.78	32.23	15.08	29.97	14.89
5700	53	10.70	10.54	21.24	13.27	23.97	10.70	13.88	13.67	27.55	14.40	29.97	15.57
	54	10.53	10.47	20.99	13.22	23.97	10.75	13.65	13.58	27.23	14.35	29.97	15.62
5720	53	10.45	10.20	20.64	13.15	23.97	10.82	13.55	13.23	26.78	14.28	29.97	15.69
	54	10.38	10.20	20.57	13.13	23.97	10.84	13.46	13.23	26.68	14.26	29.97	15.71
5745	53	11.82	11.84	23.66	13.74	30.00	16.26	15.34	15.36	30.70	14.87	36.00	21.13
	54	11.80	11.81	23.61	13.73	30.00	16.27	15.30	15.32	30.63	14.86	36.00	21.14
5785	53	12.56	12.22	24.79	13.94	30.00	16.06	16.30	15.85	32.15	15.07	36.00	20.93
	54	12.74	12.65	25.39	14.05	30.00	15.95	16.53	16.41	32.94	15.18	36.00	20.82
5825	53	12.12	11.29	23.42	13.69	30.00	16.31	15.72	14.65	30.37	14.82	36.00	21.18
	54	12.09	11.53	23.62	13.73	30.00	16.27	15.69	14.96	30.64	14.86	36.00	21.14

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	53	0.00	-11.31	1.94	20.17	1.13	10.80	11.93	-11.39	2.03	20.17	1.13	10.81	11.94
	54	0.00	-11.34	1.94	20.17	1.13	10.77	11.90	-11.31	2.03	20.17	1.13	10.89	12.02
5580	53	0.00	-11.46	1.93	20.16	1.13	10.64	11.77	-11.14	2.02	20.17	1.13	11.05	12.18
	54	0.00	-11.34	1.93	20.16	1.13	10.76	11.89	-11.07	2.02	20.17	1.13	11.12	12.25
5700	53	0.00	-11.79	1.92	20.16	1.13	10.29	11.42	-11.94	1.99	20.17	1.13	10.23	11.36
	54	0.00	-11.86	1.92	20.16	1.13	10.22	11.35	-11.97	1.99	20.17	1.13	10.20	11.33
5720	53	0.00	-11.89	1.92	20.16	1.13	10.19	11.32	-12.08	1.99	20.17	1.13	10.08	11.21
	54	0.00	-11.92	1.92	20.16	1.13	10.16	11.29	-12.08	1.99	20.17	1.13	10.08	11.21
5745	53	0.00	-11.37	1.94	20.16	1.13	10.73	11.86	-11.45	2.01	20.17	1.13	10.73	11.86
	54	0.00	-11.38	1.94	20.16	1.13	10.72	11.85	-11.46	2.01	20.17	1.13	10.72	11.85
5785	53	0.00	-11.10	1.93	20.16	1.13	10.99	12.12	-11.30	2.00	20.17	1.13	10.87	12.00
	54	0.00	-11.04	1.93	20.16	1.13	11.05	12.18	-11.15	2.00	20.17	1.13	11.02	12.15
5825	53	0.00	-11.25	1.93	20.16	1.13	10.84	11.97	-11.63	1.98	20.17	1.13	10.53	11.66
	54	0.00	-11.26	1.93	20.16	1.13	10.83	11.96	-11.54	1.98	20.17	1.13	10.62	11.75

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (20.612 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-20 (OFDMA) 106-tone RU (SDM)

[High Power mode]

11ax-20 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	53	13.16	11.70	24.86	13.95	23.97	10.02	14.80	15.18	29.97	14.77	29.97	15.20
	54	13.01	11.83	24.84	13.95	23.97	10.02	14.63	15.35	29.98	14.77	29.97	15.20
5220	53	12.65	11.52	24.17	13.83	23.97	10.14	14.23	14.94	29.17	14.65	29.97	15.32
	54	12.56	11.39	23.95	13.79	23.97	10.18	14.13	14.77	28.90	14.61	29.97	15.36
5240	53	13.52	12.44	25.96	14.14	23.97	9.83	15.20	16.13	31.34	14.96	29.97	15.01
	54	13.61	12.38	25.99	14.15	23.97	9.82	15.31	16.06	31.37	14.96	29.97	15.01
5260	53	11.50	10.79	22.29	13.48	23.97	10.49	12.94	13.99	26.93	14.30	29.97	15.67
	54	11.83	11.24	23.07	13.63	23.97	10.34	13.30	14.59	27.89	14.45	29.97	15.52
5300	53	12.93	10.92	23.85	13.78	23.97	10.19	14.54	14.17	28.71	14.58	29.97	15.39
	54	12.78	11.10	23.88	13.78	23.97	10.19	14.38	14.40	28.78	14.59	29.97	15.38
5320	53	12.69	10.65	23.35	13.68	23.97	10.29	14.27	13.82	28.10	14.49	29.97	15.48
	54	12.49	10.88	23.37	13.69	23.97	10.28	14.05	14.11	28.16	14.50	29.97	15.47

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	53	0.00	-10.89	1.91	20.17	0.51	11.19	11.70	-11.45	1.96	20.18	1.13	10.68	11.81
	54	0.00	-10.94	1.91	20.17	0.51	11.14	11.65	-11.40	1.96	20.18	1.13	10.73	11.86
5220	53	0.00	-11.06	1.91	20.17	0.51	11.02	11.53	-11.52	1.96	20.18	1.13	10.61	11.74
	54	0.00	-11.09	1.91	20.17	0.51	10.99	11.50	-11.57	1.96	20.18	1.13	10.56	11.69
5240	53	0.00	-10.77	1.91	20.17	0.51	11.31	11.82	-11.19	1.96	20.18	1.13	10.95	12.08
	54	0.00	-10.74	1.91	20.17	0.51	11.34	11.85	-11.21	1.96	20.18	1.13	10.93	12.06
5260	53	0.00	-11.48	1.92	20.17	0.51	10.61	11.12	-11.82	1.97	20.18	1.13	10.33	11.46
	54	0.00	-11.36	1.92	20.17	0.51	10.73	11.24	-11.64	1.97	20.18	1.13	10.51	11.64
5300	53	0.00	-10.97	1.92	20.17	0.51	11.12	11.63	-11.77	1.98	20.18	1.13	10.38	11.51
	54	0.00	-11.02	1.92	20.17	0.51	11.07	11.58	-11.70	1.98	20.18	1.13	10.45	11.58
5320	53	0.00	-11.05	1.92	20.17	0.51	11.04	11.55	-11.88	1.98	20.17	1.13	10.28	11.41
	54	0.00	-11.12	1.92	20.17	0.51	10.97	11.48	-11.79	1.98	20.17	1.13	10.37	11.50

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (20.612 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-20 (OFDMA) 106-tone RU (SDM)

[High Power mode]

11ax-20 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	53	12.97	13.19	26.16	14.18	23.97	9.79	14.58	17.11	31.69	15.01	29.97	14.96
	54	12.94	13.56	26.50	14.23	23.97	9.74	14.55	17.59	32.14	15.07	29.97	14.90
5580	53	12.61	13.64	26.25	14.19	23.97	9.78	14.18	17.70	31.88	15.04	29.97	14.93
	54	12.73	13.83	26.56	14.24	23.97	9.73	14.31	17.94	32.26	15.09	29.97	14.88
5700	53	11.51	11.48	22.99	13.62	23.97	10.35	12.95	14.89	27.84	14.45	29.97	15.52
	54	11.28	11.66	22.94	13.61	23.97	10.36	12.68	15.13	27.81	14.44	29.97	15.53
5720	53	10.86	11.21	22.07	13.44	23.97	10.53	12.22	14.54	26.75	14.27	29.97	15.70
	54	11.14	11.33	22.48	13.52	23.97	10.45	12.53	14.70	27.23	14.35	29.97	15.62
5745	53	10.88	11.08	21.96	13.42	30.00	16.58	12.24	14.37	26.61	14.25	36.00	21.75
	54	10.73	11.13	21.86	13.40	30.00	16.60	12.07	14.43	26.51	14.23	36.00	21.77
5785	53	11.94	12.42	24.36	13.87	30.00	16.13	13.43	16.11	29.54	14.70	36.00	21.30
	54	11.97	12.56	24.54	13.90	30.00	16.10	13.46	16.30	29.76	14.74	36.00	21.26
5825	53	10.88	10.99	21.86	13.40	30.00	16.60	12.23	14.25	26.48	14.23	36.00	21.77
	54	11.05	11.19	22.25	13.47	30.00	16.53	12.43	14.52	26.95	14.31	36.00	21.69

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	53	0.00	-10.98	1.94	20.17	0.51	11.13	11.64	-11.00	2.03	20.17	1.13	11.20	12.33
	54	0.00	-10.99	1.94	20.17	0.51	11.12	11.63	-10.88	2.03	20.17	1.13	11.32	12.45
5580	53	0.00	-11.09	1.93	20.16	0.51	11.01	11.52	-10.84	2.02	20.17	1.13	11.35	12.48
	54	0.00	-11.05	1.93	20.16	0.51	11.05	11.56	-10.78	2.02	20.17	1.13	11.41	12.54
5700	53	0.00	-11.47	1.92	20.16	0.51	10.61	11.12	-11.57	1.99	20.17	1.13	10.60	11.73
	54	0.00	-11.56	1.92	20.16	0.51	10.52	11.03	-11.50	1.99	20.17	1.13	10.67	11.80
5720	53	0.00	-11.72	1.92	20.16	0.51	10.36	10.87	-11.67	1.99	20.17	1.13	10.49	11.62
	54	0.00	-11.61	1.92	20.16	0.51	10.47	10.98	-11.62	1.99	20.17	1.13	10.54	11.67
5745	53	0.00	-11.73	1.94	20.16	0.51	10.37	10.88	-11.74	2.01	20.17	1.13	10.44	11.57
	54	0.00	-11.79	1.94	20.16	0.51	10.31	10.82	-11.72	2.01	20.17	1.13	10.46	11.59
5785	53	0.00	-11.32	1.93	20.16	0.51	10.77	11.28	-11.23	2.00	20.17	1.13	10.94	12.07
	54	0.00	-11.31	1.93	20.16	0.51	10.78	11.29	-11.18	2.00	20.17	1.13	10.99	12.12
5825	53	0.00	-11.72	1.93	20.16	0.51	10.37	10.88	-11.75	1.98	20.17	1.13	10.41	11.54
	54	0.00	-11.65	1.93	20.16	0.51	10.44	10.95	-11.67	1.98	20.17	1.13	10.49	11.62

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (20.612 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 30, 2024
Temperature / Humidity	22 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-20 (OFDMA) 242-tone RU (CDD)

[High Power mode]

11ax-20 (OFDMA)(CDD) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	61	12.89	11.73	24.61	13.91	23.97	10.06	16.72	15.21	31.93	15.04	29.97	14.93
5220	61	12.45	11.36	23.81	13.77	23.97	10.20	16.15	14.73	30.88	14.90	29.97	15.07
5240	61	13.09	11.74	24.83	13.95	23.97	10.02	16.98	15.23	32.21	15.08	29.97	14.89
5260	61	13.09	11.72	24.81	13.95	23.97	10.02	16.98	15.20	32.18	15.08	29.97	14.89
5300	61	13.86	12.17	26.03	14.15	23.97	9.82	17.97	15.79	33.76	15.28	29.97	14.69
5320	61	13.48	12.15	25.63	14.09	23.97	9.88	17.48	15.76	33.24	15.22	29.97	14.75
5500	61	12.85	13.25	26.10	14.17	23.97	9.80	16.66	17.19	33.86	15.30	29.97	14.67
5580	61	12.41	13.27	25.68	14.10	23.97	9.87	16.10	17.21	33.31	15.23	29.97	14.74
5700	61	11.15	11.45	22.60	13.54	23.97	10.43	14.46	14.85	29.31	14.67	29.97	15.30
5720	61	10.96	11.10	22.07	13.44	23.97	10.53	14.22	14.40	28.63	14.57	29.97	15.40
5745	61	10.59	10.97	21.56	13.34	30.00	16.66	13.73	14.24	27.97	14.47	36.00	21.53
5785	61	11.92	12.36	24.28	13.85	30.00	16.15	15.46	16.04	31.49	14.98	36.00	21.02
5825	61	10.78	10.86	21.64	13.35	30.00	16.65	13.98	14.09	28.07	14.48	36.00	21.52

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	61	0.00	-10.98	1.91	20.17	1.13	11.10	12.23	-11.44	1.96	20.18	1.13	10.69	11.82
5220	61	0.00	-11.13	1.91	20.17	1.13	10.95	12.08	-11.58	1.96	20.18	1.13	10.55	11.68
5240	61	0.00	-10.91	1.91	20.17	1.13	11.17	12.30	-11.44	1.96	20.18	1.13	10.70	11.83
5260	61	0.00	-10.92	1.92	20.17	1.13	11.17	12.30	-11.46	1.97	20.18	1.13	10.69	11.82
5300	61	0.00	-10.67	1.92	20.17	1.13	11.42	12.55	-11.30	1.98	20.18	1.13	10.85	11.98
5320	61	0.00	-10.79	1.92	20.17	1.13	11.30	12.43	-11.31	1.98	20.17	1.13	10.85	11.98
5500	61	0.00	-11.02	1.94	20.17	1.13	11.09	12.22	-10.98	2.03	20.17	1.13	11.22	12.35
5580	61	0.00	-11.16	1.93	20.16	1.13	10.94	12.07	-10.96	2.02	20.17	1.13	11.23	12.36
5700	61	0.00	-11.61	1.92	20.16	1.13	10.47	11.60	-11.58	1.99	20.17	1.13	10.59	11.72
5720	61	0.00	-11.68	1.92	20.16	1.13	10.40	11.53	-11.71	1.99	20.17	1.13	10.45	11.58
5745	61	0.00	-11.85	1.94	20.16	1.13	10.25	11.38	-11.78	2.01	20.17	1.13	10.40	11.53
5785	61	0.00	-11.33	1.93	20.16	1.13	10.76	11.89	-11.25	2.00	20.17	1.13	10.92	12.05
5825	61	0.00	-11.76	1.93	20.16	1.13	10.33	11.46	-11.80	1.98	20.17	1.13	10.36	11.49

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (21.580 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-20 (OFDMA) 242-tone RU (SDM)

[High Power mode]

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

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	61	12.92	11.94	24.86	13.96	23.97	10.01	14.53	15.49	30.02	14.77	29.97	15.20
5220	61	12.53	11.62	24.16	13.83	23.97	10.14	14.10	15.08	29.17	14.65	29.97	15.32
5240	61	13.33	12.32	25.66	14.09	23.97	9.88	14.99	15.99	30.98	14.91	29.97	15.06
5260	61	13.03	12.08	25.10	14.00	23.97	9.97	14.65	15.67	30.32	14.82	29.97	15.15
5300	61	13.70	12.34	26.04	14.16	23.97	9.81	15.40	16.01	31.41	14.97	29.97	15.00
5320	61	13.32	11.68	25.00	13.98	23.97	9.99	14.98	15.15	30.14	14.79	29.97	15.18
5500	61	12.70	13.41	26.11	14.17	23.97	9.80	14.28	17.39	31.67	15.01	29.97	14.96
5580	61	12.32	13.42	25.75	14.11	23.97	9.86	13.86	17.41	31.27	14.95	29.97	15.02
5700	61	10.90	11.58	22.48	13.52	23.97	10.45	12.25	15.02	27.28	14.36	29.97	15.61
5720	61	10.86	11.36	22.23	13.47	23.97	10.50	12.22	14.74	26.96	14.31	29.97	15.66
5745	61	10.73	11.15	21.89	13.40	30.00	16.60	12.07	14.47	26.54	14.24	36.00	21.76
5785	61	11.62	12.83	24.45	13.88	30.00	16.12	13.07	16.64	29.71	14.73	36.00	21.27
5825	61	11.16	11.06	22.22	13.47	30.00	16.53	12.55	14.35	26.90	14.30	36.00	21.70

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	61	0.00	-10.97	1.91	20.17	0.51	11.11	11.62	-11.36	1.96	20.18	1.13	10.77	11.90
5220	61	0.00	-11.10	1.91	20.17	0.51	10.98	11.49	-11.48	1.96	20.18	1.13	10.65	11.78
5240	61	0.00	-10.83	1.91	20.17	0.51	11.25	11.76	-11.23	1.96	20.18	1.13	10.91	12.04
5260	61	0.00	-10.94	1.92	20.17	0.51	11.15	11.66	-11.33	1.97	20.18	1.13	10.82	11.95
5300	61	0.00	-10.72	1.92	20.17	0.51	11.37	11.88	-11.24	1.98	20.18	1.13	10.91	12.04
5320	61	0.00	-10.84	1.92	20.17	0.51	11.25	11.76	-11.48	1.98	20.17	1.13	10.68	11.81
5500	61	0.00	-11.07	1.94	20.17	0.51	11.04	11.55	-10.93	2.03	20.17	1.13	11.27	12.40
5580	61	0.00	-11.19	1.93	20.16	0.51	10.91	11.42	-10.91	2.02	20.17	1.13	11.28	12.41
5700	61	0.00	-11.71	1.92	20.16	0.51	10.37	10.88	-11.53	1.99	20.17	1.13	10.64	11.77
5720	61	0.00	-11.72	1.92	20.16	0.51	10.36	10.87	-11.61	1.99	20.17	1.13	10.55	11.68
5745	61	0.00	-11.79	1.94	20.16	0.51	10.31	10.82	-11.71	2.01	20.17	1.13	10.47	11.60
5785	61	0.00	-11.44	1.93	20.16	0.51	10.65	11.16	-11.09	2.00	20.17	1.13	11.08	12.21
5825	61	0.00	-11.61	1.93	20.16	0.51	10.48	10.99	-11.72	1.98	20.17	1.13	10.44	11.57

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (21.580 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11n-40 (CDD)

[High Power mode]

11n-40 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	12.67	11.18	23.85	13.78	23.97	10.19	16.44	14.51	30.94	14.91	29.97	15.06
5230	11.74	10.91	22.65	13.55	23.97	10.42	15.22	14.15	29.38	14.68	29.97	15.29
5270	12.09	11.40	23.49	13.71	23.97	10.26	15.68	14.79	30.47	14.84	29.97	15.13
5310	12.85	13.50	26.35	14.21	23.97	9.76	16.67	17.51	34.18	15.34	29.97	14.63
5510	13.23	13.43	26.66	14.26	23.97	9.71	17.16	17.42	34.59	15.39	29.97	14.58
5550	12.14	12.68	24.82	13.95	23.97	10.02	15.74	16.45	32.19	15.08	29.97	14.89
5670	11.73	12.58	24.31	13.86	23.97	10.11	15.22	16.32	31.53	14.99	29.97	14.98
5710	11.58	11.58	23.16	13.65	23.97	10.32	15.02	15.02	30.04	14.78	29.97	15.19
5755	12.95	13.27	26.22	14.19	30.00	15.81	16.79	17.22	34.01	15.32	36.00	20.68
5795	13.10	13.89	26.99	14.31	30.00	15.69	17.00	18.01	35.01	15.44	36.00	20.56

		5G_CH0						5G_CH1					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-11.05	1.91	20.17	1.13	11.03	12.16	-11.64	1.95	20.18	1.13	10.49	11.62
5230	0.00	-11.38	1.91	20.17	1.13	10.70	11.83	-11.75	1.95	20.18	1.13	10.38	11.51
5270	0.00	-11.26	1.91	20.17	1.13	10.82	11.95	-11.57	1.96	20.18	1.13	10.57	11.70
5310	0.00	-10.99	1.91	20.17	1.13	11.09	12.22	-10.84	1.97	20.18	1.13	11.30	12.43
5510	0.00	-10.91	1.96	20.17	1.13	11.22	12.35	-10.94	2.05	20.17	1.13	11.28	12.41
5550	0.00	-11.28	1.95	20.17	1.13	10.84	11.97	-11.18	2.04	20.17	1.13	11.03	12.16
5670	0.00	-11.41	1.94	20.17	1.13	10.69	11.82	-11.19	2.01	20.17	1.13	11.00	12.13
5710	0.00	-11.46	1.93	20.17	1.13	10.64	11.77	-11.54	2.00	20.17	1.13	10.64	11.77
5755	0.00	-11.01	1.97	20.17	1.13	11.12	12.25	-10.98	2.04	20.17	1.13	11.23	12.36
5795	0.00	-10.95	1.96	20.17	1.13	11.17	12.30	-10.77	2.02	20.17	1.13	11.43	12.56

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (44.511 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11n-40 (SDM)

[High Power mode]

11n-40 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	14.05	10.85	24.91	13.96	23.97	10.01	15.80	14.08	29.88	14.75	29.97	15.22
5230	12.20	11.53	23.73	13.75	23.97	10.22	13.73	14.96	28.68	14.58	29.97	15.39
5270	11.89	10.77	22.66	13.55	23.97	10.42	13.37	13.97	27.34	14.37	29.97	15.60
5310	12.22	11.02	23.24	13.66	23.97	10.31	13.74	14.30	28.04	14.48	29.97	15.49
5510	13.11	13.06	26.18	14.18	23.97	9.79	14.74	16.95	31.69	15.01	29.97	14.96
5550	11.94	12.31	24.25	13.85	23.97	10.12	13.43	15.97	29.40	14.68	29.97	15.29
5670	12.17	11.87	24.05	13.81	23.97	10.16	13.69	15.40	29.09	14.64	29.97	15.33
5710	11.50	11.37	22.87	13.59	23.97	10.38	12.93	14.75	27.68	14.42	29.97	15.55
5755	11.30	11.38	22.68	13.56	30.00	16.44	12.71	14.76	27.47	14.39	36.00	21.61
5795	12.23	12.35	24.58	13.91	30.00	16.09	13.75	16.02	29.77	14.74	36.00	21.26

		5G_CH0						5G_CH1					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-10.60	1.91	20.17	0.51	11.48	11.99	-11.77	1.95	20.18	1.13	10.36	11.49
5230	0.00	-11.21	1.91	20.17	0.51	10.87	11.38	-11.51	1.95	20.18	1.13	10.62	11.75
5270	0.00	-11.33	1.91	20.17	0.51	10.75	11.26	-11.82	1.96	20.18	1.13	10.32	11.45
5310	0.00	-11.21	1.91	20.17	0.51	10.87	11.38	-11.72	1.97	20.18	1.13	10.42	11.55
5510	0.00	-10.95	1.96	20.17	0.51	11.18	11.69	-11.06	2.05	20.17	1.13	11.16	12.29
5550	0.00	-11.35	1.95	20.17	0.51	10.77	11.28	-11.31	2.04	20.17	1.13	10.90	12.03
5670	0.00	-11.25	1.94	20.17	0.51	10.85	11.36	-11.44	2.01	20.17	1.13	10.75	11.88
5710	0.00	-11.49	1.93	20.17	0.51	10.61	11.12	-11.62	2.00	20.17	1.13	10.56	11.69
5755	0.00	-11.60	1.97	20.17	0.51	10.53	11.04	-11.65	2.04	20.17	1.13	10.56	11.69
5795	0.00	-11.25	1.96	20.17	0.51	10.87	11.38	-11.28	2.02	20.17	1.13	10.92	12.05

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (44.511 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-40 (CDD)

[High Power mode]

11ac-40 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	12.64	12.40	25.04	13.99	23.97	9.98	16.40	16.09	32.49	15.12	29.97	14.85
5230	11.87	10.69	22.56	13.53	23.97	10.44	15.40	13.86	29.26	14.66	29.97	15.31
5270	12.11	11.48	23.60	13.73	23.97	10.24	15.71	14.90	30.61	14.86	29.97	15.11
5310	13.15	11.49	24.64	13.92	23.97	10.05	17.06	14.90	31.97	15.05	29.97	14.92
5510	13.02	13.03	26.06	14.16	23.97	9.81	16.89	16.91	33.80	15.29	29.97	14.68
5550	12.08	12.57	24.65	13.92	23.97	10.05	15.67	16.30	31.97	15.05	29.97	14.92
5670	11.13	12.07	23.19	13.65	23.97	10.32	14.43	15.65	30.09	14.78	29.97	15.19
5710	11.47	11.40	22.87	13.59	23.97	10.38	14.88	14.78	29.67	14.72	29.97	15.25
5755	11.67	11.80	23.48	13.71	30.00	16.29	15.14	15.31	30.45	14.84	36.00	21.16
5795	11.92	12.10	24.02	13.81	30.00	16.19	15.47	15.69	31.16	14.94	36.00	21.06

		5G_CH0						5G_CH1					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-11.06	1.91	20.17	1.13	11.02	12.15	-11.19	1.95	20.18	1.13	10.94	12.07
5230	0.00	-11.33	1.91	20.17	1.13	10.75	11.88	-11.84	1.95	20.18	1.13	10.29	11.42
5270	0.00	-11.25	1.91	20.17	1.13	10.83	11.96	-11.54	1.96	20.18	1.13	10.60	11.73
5310	0.00	-10.89	1.91	20.17	1.13	11.19	12.32	-11.54	1.97	20.18	1.13	10.60	11.73
5510	0.00	-10.98	1.96	20.17	1.13	11.15	12.28	-11.07	2.05	20.17	1.13	11.15	12.28
5550	0.00	-11.30	1.95	20.17	1.13	10.82	11.95	-11.22	2.04	20.17	1.13	10.99	12.12
5670	0.00	-11.64	1.94	20.17	1.13	10.46	11.59	-11.37	2.01	20.17	1.13	10.82	11.95
5710	0.00	-11.50	1.93	20.17	1.13	10.60	11.73	-11.61	2.00	20.17	1.13	10.57	11.70
5755	0.00	-11.46	1.97	20.17	1.13	10.67	11.80	-11.49	2.04	20.17	1.13	10.72	11.85
5795	0.00	-11.36	1.96	20.17	1.13	10.76	11.89	-11.37	2.02	20.17	1.13	10.83	11.96

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (44.511 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-40 (SDM)

[High Power mode]

11ac-40 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	12.52	10.70	23.23	13.66	23.97	10.31	14.09	13.89	27.97	14.47	29.97	15.50
5230	11.82	10.69	22.50	13.52	23.97	10.45	13.29	13.86	27.15	14.34	29.97	15.63
5270	12.14	10.97	23.11	13.64	23.97	10.33	13.65	14.22	27.88	14.45	29.97	15.52
5310	13.62	11.05	24.66	13.92	23.97	10.05	15.31	14.33	29.64	14.72	29.97	15.25
5510	13.02	12.68	25.70	14.10	23.97	9.87	14.64	16.45	31.09	14.93	29.97	15.04
5550	12.08	11.97	24.05	13.81	23.97	10.16	13.58	15.53	29.12	14.64	29.97	15.33
5670	11.38	11.96	23.34	13.68	23.97	10.29	12.80	15.51	28.31	14.52	29.97	15.45
5710	11.55	11.29	22.85	13.59	23.97	10.38	12.99	14.65	27.64	14.42	29.97	15.55
5755	11.56	12.08	23.64	13.74	30.00	16.26	13.01	15.67	28.67	14.57	36.00	21.43
5795	11.95	12.43	24.39	13.87	30.00	16.13	13.44	16.13	29.57	14.71	36.00	21.29

		5G_CH0						5G_CH1					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-11.10	1.91	20.17	0.51	10.98	11.49	-11.83	1.95	20.18	1.13	10.30	11.43
5230	0.00	-11.35	1.91	20.17	0.51	10.73	11.24	-11.84	1.95	20.18	1.13	10.29	11.42
5270	0.00	-11.24	1.91	20.17	0.51	10.84	11.35	-11.74	1.96	20.18	1.13	10.40	11.53
5310	0.00	-10.74	1.91	20.17	0.51	11.34	11.85	-11.71	1.97	20.18	1.13	10.43	11.56
5510	0.00	-10.98	1.96	20.17	0.51	11.15	11.66	-11.19	2.05	20.17	1.13	11.03	12.16
5550	0.00	-11.30	1.95	20.17	0.51	10.82	11.33	-11.43	2.04	20.17	1.13	10.78	11.91
5670	0.00	-11.54	1.94	20.17	0.51	10.56	11.07	-11.41	2.01	20.17	1.13	10.78	11.91
5710	0.00	-11.47	1.93	20.17	0.51	10.63	11.14	-11.65	2.00	20.17	1.13	10.53	11.66
5755	0.00	-11.50	1.97	20.17	0.51	10.63	11.14	-11.39	2.04	20.17	1.13	10.82	11.95
5795	0.00	-11.35	1.96	20.17	0.51	10.77	11.28	-11.25	2.02	20.17	1.13	10.95	12.08

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (44.511 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-40 (OFDM) (CDD)

[High Power mode]

11ax-40 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	12.61	11.11	23.72	13.75	23.97	10.22	16.36	14.41	30.77	14.88	29.97	15.09
5230	11.82	10.93	22.75	13.57	23.97	10.40	15.33	14.18	29.51	14.70	29.97	15.27
5270	12.28	11.25	23.53	13.72	23.97	10.25	15.93	14.59	30.52	14.85	29.97	15.12
5310	13.58	11.46	25.05	13.99	23.97	9.98	17.62	14.87	32.49	15.12	29.97	14.85
5510	13.20	13.31	26.51	14.23	23.97	9.74	17.13	17.26	34.39	15.36	29.97	14.61
5550	12.28	12.57	24.84	13.95	23.97	10.02	15.92	16.30	32.23	15.08	29.97	14.89
5670	11.68	12.81	24.49	13.89	23.97	10.08	15.15	16.62	31.77	15.02	29.97	14.95
5710	11.90	11.66	23.57	13.72	23.97	10.25	15.44	15.13	30.57	14.85	29.97	15.12
5755	11.81	11.59	23.40	13.69	30.00	16.31	15.32	15.03	30.35	14.82	36.00	21.18
5795	12.29	12.32	24.61	13.91	30.00	16.09	15.94	15.98	31.92	15.04	36.00	20.96

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-11.07	1.91	20.17	1.13	11.01	12.14	-11.67	1.95	20.18	1.13	10.46	11.59
5230	0.00	-11.35	1.91	20.17	1.13	10.73	11.86	-11.74	1.95	20.18	1.13	10.39	11.52
5270	0.00	-11.19	1.91	20.17	1.13	10.89	12.02	-11.63	1.96	20.18	1.13	10.51	11.64
5310	0.00	-10.75	1.91	20.17	1.13	11.33	12.46	-11.55	1.97	20.18	1.13	10.59	11.72
5510	0.00	-10.92	1.96	20.17	1.13	11.21	12.34	-10.98	2.05	20.17	1.13	11.24	12.37
5550	0.00	-11.23	1.95	20.17	1.13	10.89	12.02	-11.22	2.04	20.17	1.13	10.99	12.12
5670	0.00	-11.43	1.94	20.17	1.13	10.67	11.80	-11.11	2.01	20.17	1.13	11.08	12.21
5710	0.00	-11.34	1.93	20.17	1.13	10.76	11.89	-11.51	2.00	20.17	1.13	10.67	11.80
5755	0.00	-11.41	1.97	20.17	1.13	10.72	11.85	-11.57	2.04	20.17	1.13	10.64	11.77
5795	0.00	-11.23	1.96	20.17	1.13	10.89	12.02	-11.29	2.02	20.17	1.13	10.91	12.04

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (43.281 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-40 (OFDM) (SDM)

[High Power mode]

11ax-40 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	12.73	11.36	24.09	13.82	23.97	10.15	14.31	14.74	29.06	14.63	29.97	15.34
5230	12.29	10.93	23.22	13.66	23.97	10.31	13.82	14.18	28.00	14.47	29.97	15.50
5270	12.34	11.48	23.82	13.77	23.97	10.20	13.88	14.90	28.77	14.59	29.97	15.38
5310	13.65	11.28	24.93	13.97	23.97	10.00	15.35	14.63	29.98	14.77	29.97	15.20
5510	13.23	13.46	26.69	14.26	23.97	9.71	14.88	17.46	32.34	15.10	29.97	14.87
5550	12.42	12.63	25.04	13.99	23.97	9.98	13.97	16.38	30.34	14.82	29.97	15.15
5670	11.70	12.64	24.34	13.86	23.97	10.11	13.16	16.39	29.55	14.71	29.97	15.26
5710	11.93	11.71	23.65	13.74	23.97	10.23	13.42	15.20	28.62	14.57	29.97	15.40
5755	11.86	11.91	23.77	13.76	30.00	16.24	13.34	15.45	28.79	14.59	36.00	21.41
5795	12.15	12.29	24.44	13.88	30.00	16.12	13.66	15.94	29.60	14.71	36.00	21.29

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-11.03	1.91	20.17	0.51	11.05	11.56	-11.57	1.95	20.18	1.13	10.56	11.69
5230	0.00	-11.18	1.91	20.17	0.51	10.90	11.41	-11.74	1.95	20.18	1.13	10.39	11.52
5270	0.00	-11.17	1.91	20.17	0.51	10.91	11.42	-11.54	1.96	20.18	1.13	10.60	11.73
5310	0.00	-10.73	1.91	20.17	0.51	11.35	11.86	-11.62	1.97	20.18	1.13	10.52	11.65
5510	0.00	-10.91	1.96	20.17	0.51	11.22	11.73	-10.93	2.05	20.17	1.13	11.29	12.42
5550	0.00	-11.18	1.95	20.17	0.51	10.94	11.45	-11.20	2.04	20.17	1.13	11.01	12.14
5670	0.00	-11.42	1.94	20.17	0.51	10.68	11.19	-11.17	2.01	20.17	1.13	11.02	12.15
5710	0.00	-11.33	1.93	20.17	0.51	10.77	11.28	-11.49	2.00	20.17	1.13	10.69	11.82
5755	0.00	-11.39	1.97	20.17	0.51	10.74	11.25	-11.45	2.04	20.17	1.13	10.76	11.89
5795	0.00	-11.28	1.96	20.17	0.51	10.84	11.35	-11.30	2.02	20.17	1.13	10.90	12.03

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (43.281 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 26-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	0	2.70	2.40	5.10	7.07	23.97	16.90	3.50	3.11	6.61	8.20	29.97	21.77
	8	2.50	2.31	4.81	6.83	23.97	17.14	3.24	3.00	6.25	7.96	29.97	22.01
	17	2.59	2.40	4.99	6.98	23.97	16.99	3.36	3.11	6.48	8.11	29.97	21.86
5230	0	2.60	2.40	5.00	6.99	23.97	16.98	3.37	3.11	6.48	8.12	29.97	21.85
	8	2.53	2.39	4.91	6.92	23.97	17.05	3.28	3.09	6.38	8.05	29.97	21.92
	17	2.61	2.47	5.08	7.05	23.97	16.92	3.38	3.20	6.58	8.18	29.97	21.79
5270	0	8.91	8.89	17.80	12.50	23.97	11.47	11.56	11.54	23.09	13.63	29.97	16.34
	8	8.87	8.34	17.20	12.36	23.97	11.61	11.50	10.82	22.32	13.49	29.97	16.48
	17	9.05	8.98	18.03	12.56	23.97	11.41	11.74	11.64	23.39	13.69	29.97	16.28
5310	0	10.27	8.74	19.01	12.79	23.97	11.18	13.32	11.34	24.66	13.92	29.97	16.05
	8	9.56	7.95	17.51	12.43	23.97	11.54	12.41	10.31	22.72	13.56	29.97	16.41
	17	9.83	8.86	18.69	12.72	23.97	11.25	12.75	11.49	24.25	13.85	29.97	16.12

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0	0.00	-17.77	1.91	20.17	1.13	4.31	5.44	-18.33	1.96	20.18	1.13	3.80	4.93
	8	0.00	-18.10	1.91	20.17	1.13	3.98	5.11	-18.49	1.96	20.18	1.13	3.64	4.77
	17	0.00	-17.94	1.91	20.17	1.13	4.14	5.27	-18.33	1.96	20.18	1.13	3.80	4.93
5230	0	0.00	-17.93	1.91	20.17	1.13	4.15	5.28	-18.34	1.96	20.18	1.13	3.80	4.93
	8	0.00	-18.05	1.91	20.17	1.13	4.03	5.16	-18.36	1.96	20.18	1.13	3.78	4.91
	17	0.00	-17.92	1.91	20.17	1.13	4.16	5.29	-18.21	1.96	20.18	1.13	3.93	5.06
5270	0	0.00	-12.59	1.92	20.17	1.13	9.50	10.63	-12.66	1.98	20.18	1.13	9.49	10.62
	8	0.00	-12.61	1.92	20.17	1.13	9.48	10.61	-12.94	1.98	20.18	1.13	9.21	10.34
	17	0.00	-12.52	1.92	20.17	1.13	9.57	10.70	-12.62	1.98	20.18	1.13	9.53	10.66
5310	0	0.00	-11.97	1.92	20.17	1.13	10.12	11.25	-12.74	1.98	20.18	1.13	9.41	10.54
	8	0.00	-12.28	1.92	20.17	1.13	9.81	10.94	-13.15	1.98	20.18	1.13	9.00	10.13
	17	0.00	-12.16	1.92	20.17	1.13	9.93	11.06	-12.68	1.98	20.18	1.13	9.47	10.60

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (38.103 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 26-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	0	10.81	10.62	21.43	13.31	23.97	10.66	14.02	13.78	27.79	14.44	29.97	15.53
	8	10.18	10.21	20.39	13.09	23.97	10.88	13.20	13.25	26.45	14.22	29.97	15.75
	17	10.51	10.82	21.33	13.29	23.97	10.68	13.64	14.03	27.67	14.42	29.97	15.55
5550	0	9.93	10.53	20.46	13.11	23.97	10.86	12.89	13.66	26.55	14.24	29.97	15.73
	8	9.38	9.69	19.07	12.80	23.97	11.17	12.17	12.57	24.74	13.93	29.97	16.04
	17	9.89	10.46	20.35	13.08	23.97	10.89	12.83	13.57	26.39	14.21	29.97	15.76
5670	0	9.32	9.40	18.73	12.73	23.97	11.24	12.10	12.20	24.29	13.86	29.97	16.11
	8	8.99	9.34	18.33	12.63	23.97	11.34	11.66	12.11	23.77	13.76	29.97	16.21
	17	9.18	9.80	18.98	12.78	23.97	11.19	11.90	12.71	24.62	13.91	29.97	16.06
5710	0	9.00	8.84	17.84	12.51	23.97	11.46	11.67	11.47	23.14	13.64	29.97	16.33
	8	8.79	8.80	17.60	12.45	23.97	11.52	11.41	11.42	22.82	13.58	29.97	16.39
	17	8.77	9.26	18.03	12.56	23.97	11.41	11.38	12.01	23.39	13.69	29.97	16.28
5755	0	9.05	9.33	18.38	12.64	30.00	17.36	11.74	12.11	23.85	13.77	36.00	22.23
	8	8.68	8.83	17.51	12.43	30.00	17.57	11.26	11.46	22.72	13.56	36.00	22.44
	17	9.28	10.07	19.35	12.87	30.00	17.13	12.04	13.06	25.10	14.00	36.00	22.00
5795	0	9.64	9.46	19.10	12.81	30.00	17.19	12.50	12.27	24.77	13.94	36.00	22.06
	8	9.08	8.95	18.03	12.56	30.00	17.44	11.78	11.61	23.39	13.69	36.00	22.31
	17	9.51	10.04	19.55	12.91	30.00	17.09	12.33	13.03	25.36	14.04	36.00	21.96

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	0	0.00	-11.79	1.96	20.17	1.13	10.34	11.47	-11.96	2.05	20.17	1.13	10.26	11.39
	8	0.00	-12.05	1.96	20.17	1.13	10.08	11.21	-12.13	2.05	20.17	1.13	10.09	11.22
	17	0.00	-11.91	1.96	20.17	1.13	10.22	11.35	-11.88	2.05	20.17	1.13	10.34	11.47
5550	0	0.00	-12.15	1.96	20.16	1.13	9.97	11.10	-11.99	2.04	20.17	1.13	10.22	11.35
	8	0.00	-12.40	1.96	20.16	1.13	9.72	10.85	-12.35	2.04	20.17	1.13	9.86	10.99
	17	0.00	-12.17	1.96	20.16	1.13	9.95	11.08	-12.02	2.04	20.17	1.13	10.19	11.32
5670	0	0.00	-12.41	1.94	20.16	1.13	9.70	10.83	-12.46	2.02	20.17	1.13	9.73	10.86
	8	0.00	-12.57	1.94	20.16	1.13	9.54	10.67	-12.49	2.02	20.17	1.13	9.70	10.83
	17	0.00	-12.48	1.94	20.16	1.13	9.63	10.76	-12.28	2.02	20.17	1.13	9.91	11.04
5710	0	0.00	-12.56	1.94	20.16	1.13	9.54	10.67	-12.72	2.01	20.17	1.13	9.47	10.60
	8	0.00	-12.66	1.94	20.16	1.13	9.44	10.57	-12.74	2.01	20.17	1.13	9.45	10.58
	17	0.00	-12.67	1.94	20.16	1.13	9.43	10.56	-12.52	2.01	20.17	1.13	9.67	10.80
5755	0	0.00	-12.57	1.98	20.16	1.13	9.57	10.70	-12.52	2.05	20.17	1.13	9.70	10.83
	8	0.00	-12.75	1.98	20.16	1.13	9.39	10.52	-12.76	2.05	20.17	1.13	9.46	10.59
	17	0.00	-12.46	1.98	20.16	1.13	9.68	10.81	-12.19	2.05	20.17	1.13	10.03	11.16
5795	0	0.00	-12.29	1.97	20.16	1.13	9.84	10.97	-12.45	2.03	20.17	1.13	9.76	10.89
	8	0.00	-12.55	1.97	20.16	1.13	9.58	10.71	-12.69	2.03	20.17	1.13	9.52	10.65
	17	0.00	-12.35	1.97	20.16	1.13	9.78	10.91	-12.19	2.03	20.17	1.13	10.02	11.15

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (38.103 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 26-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	0	2.64	2.42	5.06	7.04	23.97	16.93	2.97	3.14	6.11	7.86	29.97	22.11
	8	2.47	2.34	4.81	6.82	23.97	17.15	2.77	3.04	5.81	7.64	29.97	22.33
	17	2.58	2.42	5.00	6.99	23.97	16.98	2.90	3.14	6.04	7.81	29.97	22.16
5230	0	2.55	2.39	4.94	6.94	23.97	17.03	2.86	3.10	5.97	7.76	29.97	22.21
	8	2.41	2.27	4.68	6.70	23.97	17.27	2.71	2.94	5.65	7.52	29.97	22.45
	17	2.48	2.37	4.85	6.86	23.97	17.11	2.79	3.07	5.87	7.68	29.97	22.29
5270	0	8.81	9.46	18.27	12.62	23.97	11.35	9.90	12.28	22.18	13.46	29.97	16.51
	8	8.57	8.22	16.79	12.25	23.97	11.72	9.63	10.67	20.30	13.08	29.97	16.89
	17	8.91	8.95	17.86	12.52	23.97	11.45	10.02	11.62	21.63	13.35	29.97	16.62
5310	0	10.25	8.56	18.81	12.74	23.97	11.23	11.52	11.10	22.63	13.55	29.97	16.42
	8	9.48	8.14	17.61	12.46	23.97	11.51	10.66	10.55	21.21	13.27	29.97	16.70
	17	10.22	8.58	18.80	12.74	23.97	11.23	11.50	11.13	22.63	13.55	29.97	16.42

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0	0.00	-17.86	1.91	20.17	0.51	4.22	4.73	-18.30	1.96	20.18	1.13	3.83	4.96
	8	0.00	-18.16	1.91	20.17	0.51	3.92	4.43	-18.44	1.96	20.18	1.13	3.69	4.82
	17	0.00	-17.97	1.91	20.17	0.51	4.11	4.62	-18.29	1.96	20.18	1.13	3.84	4.97
5230	0	0.00	-18.02	1.91	20.17	0.51	4.06	4.57	-18.35	1.96	20.18	1.13	3.79	4.92
	8	0.00	-18.26	1.91	20.17	0.51	3.82	4.33	-18.58	1.96	20.18	1.13	3.56	4.69
	17	0.00	-18.13	1.91	20.17	0.51	3.95	4.46	-18.39	1.96	20.18	1.13	3.75	4.88
5270	0	0.00	-12.64	1.92	20.17	0.51	9.45	9.96	-12.39	1.98	20.18	1.13	9.76	10.89
	8	0.00	-12.76	1.92	20.17	0.51	9.33	9.84	-13.00	1.98	20.18	1.13	9.15	10.28
	17	0.00	-12.59	1.92	20.17	0.51	9.50	10.01	-12.63	1.98	20.18	1.13	9.52	10.65
5310	0	0.00	-11.98	1.92	20.17	0.51	10.11	10.62	-12.83	1.98	20.18	1.13	9.32	10.45
	8	0.00	-12.32	1.92	20.17	0.51	9.77	10.28	-13.05	1.98	20.18	1.13	9.10	10.23
	17	0.00	-11.99	1.92	20.17	0.51	10.10	10.61	-12.82	1.98	20.18	1.13	9.33	10.46

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (38.103 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 26-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	0	10.73	10.55	21.28	13.28	23.97	10.69	12.07	13.68	25.75	14.11	29.97	15.86
	8	10.27	10.14	20.41	13.10	23.97	10.87	11.55	13.16	24.71	13.93	29.97	16.04
	17	10.32	10.84	21.16	13.26	23.97	10.71	11.61	14.07	25.67	14.09	29.97	15.88
5550	0	10.03	10.70	20.73	13.17	23.97	10.80	11.28	13.88	25.16	14.01	29.97	15.96
	8	9.51	10.10	19.61	12.93	23.97	11.04	10.69	13.10	23.80	13.77	29.97	16.20
	17	9.91	10.51	20.42	13.10	23.97	10.87	11.15	13.63	24.77	13.94	29.97	16.03
5670	0	9.45	9.82	19.28	12.85	23.97	11.12	10.63	12.74	23.38	13.69	29.97	16.28
	8	8.99	9.65	18.63	12.70	23.97	11.27	10.11	12.51	22.62	13.54	29.97	16.43
	17	9.41	9.65	19.06	12.80	23.97	11.17	10.58	12.51	23.09	13.64	29.97	16.33
5710	0	9.02	9.11	18.13	12.58	23.97	11.39	10.14	11.82	21.96	13.42	29.97	16.55
	8	8.75	9.20	17.95	12.54	23.97	11.43	9.84	11.93	21.77	13.38	29.97	16.59
	17	9.19	9.65	18.84	12.75	23.97	11.22	10.33	12.52	22.85	13.59	29.97	16.38
5755	0	9.28	9.31	18.59	12.69	30.00	17.31	10.44	12.08	22.52	13.53	36.00	22.47
	8	9.28	9.31	18.59	12.69	30.00	17.31	10.44	12.08	22.52	13.53	36.00	22.47
	17	9.03	9.82	18.85	12.75	30.00	17.25	10.15	12.74	22.89	13.60	36.00	22.40
5795	0	9.55	9.52	19.07	12.80	30.00	17.20	10.74	12.35	23.09	13.63	36.00	22.37
	8	9.25	9.55	18.79	12.74	30.00	17.26	10.40	12.38	22.78	13.58	36.00	22.42
	17	9.93	10.16	20.09	13.03	30.00	16.97	11.17	13.18	24.35	13.86	36.00	22.14

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	0	0.00	-11.82	1.96	20.17	0.51	10.31	10.82	-11.99	2.05	20.17	1.13	10.23	11.36
	8	0.00	-12.01	1.96	20.17	0.51	10.12	10.63	-12.16	2.05	20.17	1.13	10.06	11.19
	17	0.00	-11.99	1.96	20.17	0.51	10.14	10.65	-11.87	2.05	20.17	1.13	10.35	11.48
5550	0	0.00	-12.11	1.96	20.16	0.51	10.01	10.52	-11.92	2.04	20.17	1.13	10.29	11.42
	8	0.00	-12.34	1.96	20.16	0.51	9.78	10.29	-12.17	2.04	20.17	1.13	10.04	11.17
	17	0.00	-12.16	1.96	20.16	0.51	9.96	10.47	-12.00	2.04	20.17	1.13	10.21	11.34
5670	0	0.00	-12.35	1.94	20.16	0.51	9.76	10.27	-12.27	2.02	20.17	1.13	9.92	11.05
	8	0.00	-12.57	1.94	20.16	0.51	9.54	10.05	-12.35	2.02	20.17	1.13	9.84	10.97
	17	0.00	-12.37	1.94	20.16	0.51	9.74	10.25	-12.35	2.02	20.17	1.13	9.84	10.97
5710	0	0.00	-12.55	1.94	20.16	0.51	9.55	10.06	-12.59	2.01	20.17	1.13	9.60	10.73
	8	0.00	-12.68	1.94	20.16	0.51	9.42	9.93	-12.55	2.01	20.17	1.13	9.64	10.77
	17	0.00	-12.47	1.94	20.16	0.51	9.63	10.14	-12.34	2.01	20.17	1.13	9.85	10.98
5755	0	0.00	-12.46	1.98	20.16	0.51	9.68	10.19	-12.53	2.05	20.17	1.13	9.69	10.82
	8	0.00	-12.46	1.98	20.16	0.51	9.68	10.19	-12.53	2.05	20.17	1.13	9.69	10.82
	17	0.00	-12.58	1.98	20.16	0.51	9.56	10.07	-12.30	2.05	20.17	1.13	9.92	11.05
5795	0	0.00	-12.33	1.97	20.16	0.51	9.80	10.31	-12.42	2.03	20.17	1.13	9.79	10.92
	8	0.00	-12.47	1.97	20.16	0.51	9.66	10.17	-12.41	2.03	20.17	1.13	9.80	10.93
	17	0.00	-12.16	1.97	20.16	0.51	9.97	10.48	-12.14	2.03	20.17	1.13	10.07	11.20

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (38.103 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 52-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	37	5.99	5.77	11.76	10.70	23.97	13.27	7.76	7.49	15.25	11.83	29.97	18.14
	40	6.01	5.40	11.41	10.57	23.97	13.40	7.80	7.00	14.80	11.70	29.97	18.27
	44	5.97	5.58	11.55	10.62	23.97	13.35	7.75	7.23	14.98	11.75	29.97	18.22
5230	37	5.64	5.29	10.93	10.39	23.97	13.58	7.31	6.87	14.18	11.52	29.97	18.45
	40	5.73	5.35	11.08	10.45	23.97	13.52	7.43	6.94	14.37	11.58	29.97	18.39
	44	5.97	5.70	11.67	10.67	23.97	13.30	7.74	7.39	15.13	11.80	29.97	18.17
5270	37	13.33	11.64	24.97	13.97	23.97	10.00	17.29	15.10	32.39	15.10	29.97	14.87
	40	12.30	11.51	23.81	13.77	23.97	10.20	15.95	14.93	30.88	14.90	29.97	15.07
	44	12.82	11.89	24.70	13.93	23.97	10.04	16.63	15.42	32.04	15.06	29.97	14.91
5310	37	14.02	11.71	25.72	14.10	23.97	9.87	18.18	15.19	33.37	15.23	29.97	14.74
	40	14.02	11.63	25.64	14.09	23.97	9.88	18.18	15.08	33.26	15.22	29.97	14.75
	44	14.02	12.06	26.08	14.16	23.97	9.81	18.18	15.65	33.83	15.29	29.97	14.68

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	37	0.00	-14.31	1.91	20.17	1.13	7.77	8.90	-14.52	1.96	20.18	1.13	7.61	8.74
	40	0.00	-14.29	1.91	20.17	1.13	7.79	8.92	-14.81	1.96	20.18	1.13	7.32	8.45
	44	0.00	-14.32	1.91	20.17	1.13	7.76	8.89	-14.67	1.96	20.18	1.13	7.46	8.59
5230	37	0.00	-14.57	1.91	20.17	1.13	7.51	8.64	-14.90	1.96	20.18	1.13	7.24	8.37
	40	0.00	-14.50	1.91	20.17	1.13	7.58	8.71	-14.85	1.96	20.18	1.13	7.29	8.42
	44	0.00	-14.32	1.91	20.17	1.13	7.76	8.89	-14.58	1.96	20.18	1.13	7.56	8.69
5270	37	0.00	-10.84	1.92	20.17	1.13	11.25	12.38	-11.49	1.98	20.18	1.13	10.66	11.79
	40	0.00	-11.19	1.92	20.17	1.13	10.90	12.03	-11.54	1.98	20.18	1.13	10.61	11.74
	44	0.00	-11.01	1.92	20.17	1.13	11.08	12.21	-11.40	1.98	20.18	1.13	10.75	11.88
5310	37	0.00	-10.62	1.92	20.17	1.13	11.47	12.60	-11.47	1.98	20.18	1.13	10.68	11.81
	40	0.00	-10.62	1.92	20.17	1.13	11.47	12.60	-11.50	1.98	20.18	1.13	10.65	11.78
	44	0.00	-10.62	1.92	20.17	1.13	11.47	12.60	-11.34	1.98	20.18	1.13	10.81	11.94

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (38.564 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 52-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	37	13.95	13.75	27.70	14.42	23.97	9.55	18.10	17.83	35.93	15.55	29.97	14.42
	40	13.17	13.43	26.60	14.25	23.97	9.72	17.09	17.42	34.51	15.38	29.97	14.59
	44	13.73	14.10	27.83	14.44	23.97	9.53	17.81	18.29	36.10	15.57	29.97	14.40
5550	37	13.01	13.26	26.26	14.19	23.97	9.78	16.87	17.20	34.07	15.32	29.97	14.65
	40	12.25	12.66	24.91	13.96	23.97	10.01	15.89	16.42	32.31	15.09	29.97	14.88
	44	13.16	13.57	26.72	14.27	23.97	9.70	17.07	17.60	34.66	15.40	29.97	14.57
5670	37	12.26	12.95	25.22	14.02	23.97	9.95	15.91	16.80	32.71	15.15	29.97	14.82
	40	11.45	12.63	24.07	13.82	23.97	10.15	14.85	16.38	31.23	14.95	29.97	15.02
	44	11.93	12.98	24.91	13.96	23.97	10.01	15.48	16.84	32.31	15.09	29.97	14.88
5710	37	12.22	11.74	23.96	13.79	23.97	10.18	15.85	15.23	31.08	14.92	29.97	15.05
	40	11.78	11.77	23.54	13.72	23.97	10.25	15.28	15.26	30.54	14.85	29.97	15.12
	44	12.28	12.64	24.91	13.96	23.97	10.01	15.93	16.39	32.32	15.09	29.97	14.88
5755	37	12.26	12.05	24.32	13.86	30.00	16.14	15.91	15.63	31.54	14.99	36.00	21.01
	40	11.98	11.97	23.95	13.79	30.00	16.21	15.55	15.53	31.07	14.92	36.00	21.08
	44	12.75	12.80	25.55	14.07	30.00	15.93	16.54	16.60	33.14	15.20	36.00	20.80
5795	37	12.85	12.61	25.47	14.06	30.00	15.94	16.67	16.36	33.03	15.19	36.00	20.81
	40	11.97	12.70	24.67	13.92	30.00	16.08	15.52	16.47	32.00	15.05	36.00	20.95
	44	12.94	13.58	26.52	14.24	30.00	15.76	16.79	17.61	34.40	15.37	36.00	20.63

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	37	0.00	-10.68	1.96	20.17	1.13	11.45	12.58	-10.84	2.05	20.17	1.13	11.38	12.51
	40	0.00	-10.93	1.96	20.17	1.13	11.20	12.33	-10.94	2.05	20.17	1.13	11.28	12.41
	44	0.00	-10.75	1.96	20.17	1.13	11.38	12.51	-10.73	2.05	20.17	1.13	11.49	12.62
5550	37	0.00	-10.98	1.96	20.16	1.13	11.14	12.27	-10.99	2.04	20.17	1.13	11.22	12.35
	40	0.00	-11.24	1.96	20.16	1.13	10.88	12.01	-11.19	2.04	20.17	1.13	11.02	12.15
	44	0.00	-10.93	1.96	20.16	1.13	11.19	12.32	-10.89	2.04	20.17	1.13	11.32	12.45
5670	37	0.00	-11.22	1.94	20.16	1.13	10.89	12.02	-11.07	2.02	20.17	1.13	11.12	12.25
	40	0.00	-11.52	1.94	20.16	1.13	10.59	11.72	-11.18	2.02	20.17	1.13	11.01	12.14
	44	0.00	-11.34	1.94	20.16	1.13	10.77	11.90	-11.06	2.02	20.17	1.13	11.13	12.26
5710	37	0.00	-11.23	1.94	20.16	1.13	10.87	12.00	-11.49	2.01	20.17	1.13	10.70	11.83
	40	0.00	-11.39	1.94	20.16	1.13	10.71	11.84	-11.48	2.01	20.17	1.13	10.71	11.84
	44	0.00	-11.21	1.94	20.16	1.13	10.89	12.02	-11.17	2.01	20.17	1.13	11.02	12.15
5755	37	0.00	-11.25	1.98	20.16	1.13	10.89	12.02	-11.41	2.05	20.17	1.13	10.81	11.94
	40	0.00	-11.35	1.98	20.16	1.13	10.79	11.92	-11.44	2.05	20.17	1.13	10.78	11.91
	44	0.00	-11.08	1.98	20.16	1.13	11.06	12.19	-11.15	2.05	20.17	1.13	11.07	12.20
5795	37	0.00	-11.04	1.97	20.16	1.13	11.09	12.22	-11.20	2.03	20.17	1.13	11.01	12.14
	40	0.00	-11.35	1.97	20.16	1.13	10.78	11.91	-11.17	2.03	20.17	1.13	11.04	12.17
	44	0.00	-11.01	1.97	20.16	1.13	11.12	12.25	-10.88	2.03	20.17	1.13	11.33	12.46

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (38.564 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 52-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	37	5.74	5.41	11.15	10.47	23.97	13.50	6.46	7.02	13.48	11.30	29.97	18.67
	40	5.25	4.78	10.03	10.01	23.97	13.96	5.90	6.20	12.10	10.83	29.97	19.14
	44	5.42	5.00	10.42	10.18	23.97	13.79	6.10	6.49	12.59	11.00	29.97	18.97
5230	37	5.43	5.07	10.50	10.21	23.97	13.76	6.11	6.57	12.68	11.03	29.97	18.94
	40	5.08	4.80	9.89	9.95	23.97	14.02	5.71	6.23	11.95	10.77	29.97	19.20
	44	5.49	5.12	10.62	10.26	23.97	13.71	6.18	6.65	12.83	11.08	29.97	18.89
5270	37	11.77	10.28	22.05	13.43	23.97	10.54	13.24	13.34	26.57	14.24	29.97	15.73
	40	11.34	9.84	21.19	13.26	23.97	10.71	12.76	12.77	25.52	14.07	29.97	15.90
	44	11.91	10.94	22.85	13.59	23.97	10.38	13.39	14.19	27.58	14.41	29.97	15.56
5310	37	12.78	10.46	23.24	13.66	23.97	10.31	14.38	13.57	27.94	14.46	29.97	15.51
	40	12.38	10.03	22.41	13.50	23.97	10.47	13.92	13.01	26.93	14.30	29.97	15.67
	44	12.55	10.22	22.77	13.57	23.97	10.40	14.11	13.26	27.37	14.37	29.97	15.60

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	37	0.00	-14.49	1.91	20.17	0.51	7.59	8.10	-14.80	1.96	20.18	1.13	7.33	8.46
	40	0.00	-14.88	1.91	20.17	0.51	7.20	7.71	-15.34	1.96	20.18	1.13	6.79	7.92
	44	0.00	-14.74	1.91	20.17	0.51	7.34	7.85	-15.14	1.96	20.18	1.13	6.99	8.12
5230	37	0.00	-14.73	1.91	20.17	0.51	7.35	7.86	-15.09	1.96	20.18	1.13	7.05	8.18
	40	0.00	-15.02	1.91	20.17	0.51	7.06	7.57	-15.32	1.96	20.18	1.13	6.82	7.95
	44	0.00	-14.68	1.91	20.17	0.51	7.40	7.91	-15.04	1.96	20.18	1.13	7.10	8.23
5270	37	0.00	-11.38	1.92	20.17	0.51	10.71	11.22	-12.03	1.98	20.18	1.13	10.12	11.25
	40	0.00	-11.54	1.92	20.17	0.51	10.55	11.06	-12.22	1.98	20.18	1.13	9.93	11.06
	44	0.00	-11.33	1.92	20.17	0.51	10.76	11.27	-11.76	1.98	20.18	1.13	10.39	11.52
5310	37	0.00	-11.02	1.92	20.17	0.51	11.07	11.58	-11.96	1.98	20.18	1.13	10.19	11.32
	40	0.00	-11.16	1.92	20.17	0.51	10.93	11.44	-12.14	1.98	20.18	1.13	10.01	11.14
	44	0.00	-11.10	1.92	20.17	0.51	10.99	11.50	-12.06	1.98	20.18	1.13	10.09	11.22

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (38.564 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 52-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	37	12.24	12.51	24.74	13.93	23.97	10.04	13.76	16.22	29.98	14.77	29.97	15.20
	40	11.58	12.36	23.94	13.79	23.97	10.18	13.02	16.04	29.06	14.63	29.97	15.34
	44	11.93	12.71	24.64	13.92	23.97	10.05	13.42	16.49	29.90	14.76	29.97	15.21
5550	37	11.51	12.17	23.69	13.74	23.97	10.23	12.95	15.79	28.74	14.58	29.97	15.39
	40	10.92	11.79	22.71	13.56	23.97	10.41	12.28	15.29	27.57	14.40	29.97	15.57
	44	11.65	12.23	23.88	13.78	23.97	10.19	13.10	15.86	28.96	14.62	29.97	15.35
5670	37	11.87	11.84	23.71	13.75	23.97	10.22	13.35	15.36	28.71	14.58	29.97	15.39
	40	11.55	11.84	23.39	13.69	23.97	10.28	12.99	15.36	28.35	14.53	29.97	15.44
	44	12.21	12.74	24.95	13.97	23.97	10.00	13.73	16.53	30.26	14.81	29.97	15.16
5710	37	11.97	10.88	22.85	13.59	23.97	10.38	13.46	14.11	27.57	14.41	29.97	15.56
	40	11.81	10.37	22.17	13.46	23.97	10.51	13.28	13.45	26.72	14.27	29.97	15.70
	44	12.08	10.83	22.91	13.60	23.97	10.37	13.59	14.05	27.63	14.41	29.97	15.56
5755	37	12.18	12.45	24.63	13.91	30.00	16.09	13.70	16.15	29.84	14.75	36.00	21.25
	40	11.45	11.64	23.09	13.63	30.00	16.37	12.87	15.10	27.97	14.47	36.00	21.53
	44	12.64	13.21	25.85	14.12	30.00	15.88	14.21	17.14	31.35	14.96	36.00	21.04
5795	37	12.16	12.64	24.80	13.95	30.00	16.05	13.68	16.40	30.08	14.78	36.00	21.22
	40	11.99	12.21	24.21	13.84	30.00	16.16	13.49	15.84	29.33	14.67	36.00	21.33
	44	12.65	12.97	25.61	14.08	30.00	15.92	14.22	16.82	31.04	14.92	36.00	21.08

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	37	0.00	-11.25	1.96	20.17	0.51	10.88	11.39	-11.25	2.05	20.17	1.13	10.97	12.10
	40	0.00	-11.49	1.96	20.17	0.51	10.64	11.15	-11.30	2.05	20.17	1.13	10.92	12.05
	44	0.00	-11.36	1.96	20.17	0.51	10.77	11.28	-11.18	2.05	20.17	1.13	11.04	12.17
5550	37	0.00	-11.51	1.96	20.16	0.51	10.61	11.12	-11.36	2.04	20.17	1.13	10.85	11.98
	40	0.00	-11.74	1.96	20.16	0.51	10.38	10.89	-11.50	2.04	20.17	1.13	10.71	11.84
	44	0.00	-11.46	1.96	20.16	0.51	10.66	11.17	-11.34	2.04	20.17	1.13	10.87	12.00
5670	37	0.00	-11.36	1.94	20.16	0.51	10.75	11.26	-11.46	2.02	20.17	1.13	10.73	11.86
	40	0.00	-11.48	1.94	20.16	0.51	10.63	11.14	-11.46	2.02	20.17	1.13	10.73	11.86
	44	0.00	-11.24	1.94	20.16	0.51	10.87	11.38	-11.14	2.02	20.17	1.13	11.05	12.18
5710	37	0.00	-11.32	1.94	20.16	0.51	10.78	11.29	-11.82	2.01	20.17	1.13	10.37	11.50
	40	0.00	-11.38	1.94	20.16	0.51	10.72	11.23	-12.03	2.01	20.17	1.13	10.16	11.29
	44	0.00	-11.28	1.94	20.16	0.51	10.82	11.33	-11.84	2.01	20.17	1.13	10.35	11.48
5755	37	0.00	-11.28	1.98	20.16	0.51	10.86	11.37	-11.27	2.05	20.17	1.13	10.95	12.08
	40	0.00	-11.55	1.98	20.16	0.51	10.59	11.10	-11.56	2.05	20.17	1.13	10.66	11.79
	44	0.00	-11.12	1.98	20.16	0.51	11.02	11.53	-11.01	2.05	20.17	1.13	11.21	12.34
5795	37	0.00	-11.28	1.97	20.16	0.51	10.85	11.36	-11.19	2.03	20.17	1.13	11.02	12.15
	40	0.00	-11.34	1.97	20.16	0.51	10.79	11.30	-11.34	2.03	20.17	1.13	10.87	12.00
	44	0.00	-11.11	1.97	20.16	0.51	11.02	11.53	-11.08	2.03	20.17	1.13	11.13	12.26

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (38.564 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 106-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	53	13.13	11.78	24.91	13.96	23.97	10.01	17.03	15.28	32.31	15.09	29.97	14.88
	54	12.56	11.51	24.08	13.82	23.97	10.15	16.30	14.94	31.23	14.95	29.97	15.02
	56	13.16	11.84	24.99	13.98	23.97	9.99	17.07	15.35	32.42	15.11	29.97	14.86
5230	53	12.47	11.50	23.97	13.80	23.97	10.17	16.18	14.92	31.09	14.93	29.97	15.04
	54	12.33	11.11	23.44	13.70	23.97	10.27	15.99	14.41	30.40	14.83	29.97	15.14
	56	12.91	11.79	24.70	13.93	23.97	10.04	16.75	15.30	32.05	15.06	29.97	14.91
5270	53	11.37	10.52	21.89	13.40	23.97	10.57	14.75	13.65	28.40	14.53	29.97	15.44
	54	11.29	10.62	21.91	13.41	23.97	10.56	14.65	13.77	28.42	14.54	29.97	15.43
	56	11.93	11.09	23.03	13.62	23.97	10.35	15.48	14.39	29.87	14.75	29.97	15.22
5310	53	12.43	10.55	22.99	13.62	23.97	10.35	16.13	13.69	29.82	14.75	29.97	15.22
	54	12.35	10.36	22.71	13.56	23.97	10.41	16.02	13.44	29.46	14.69	29.97	15.28
	56	12.69	10.83	23.52	13.71	23.97	10.26	16.47	14.04	30.51	14.84	29.97	15.13

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	53	0.00	-10.90	1.91	20.17	1.13	11.18	12.31	-11.42	1.96	20.18	1.13	10.71	11.84
	54	0.00	-11.09	1.91	20.17	1.13	10.99	12.12	-11.52	1.96	20.18	1.13	10.61	11.74
	56	0.00	-10.89	1.91	20.17	1.13	11.19	12.32	-11.40	1.96	20.18	1.13	10.73	11.86
5230	53	0.00	-11.12	1.91	20.17	1.13	10.96	12.09	-11.53	1.96	20.18	1.13	10.61	11.74
	54	0.00	-11.17	1.91	20.17	1.13	10.91	12.04	-11.68	1.96	20.18	1.13	10.46	11.59
	56	0.00	-10.97	1.91	20.17	1.13	11.11	12.24	-11.42	1.96	20.18	1.13	10.72	11.85
5270	53	0.00	-11.53	1.92	20.17	1.13	10.56	11.69	-11.93	1.98	20.18	1.13	10.22	11.35
	54	0.00	-11.56	1.92	20.17	1.13	10.53	11.66	-11.89	1.98	20.18	1.13	10.26	11.39
	56	0.00	-11.32	1.92	20.17	1.13	10.77	11.90	-11.70	1.98	20.18	1.13	10.45	11.58
5310	53	0.00	-11.14	1.92	20.17	1.13	10.95	12.08	-11.92	1.98	20.18	1.13	10.23	11.36
	54	0.00	-11.17	1.92	20.17	1.13	10.92	12.05	-12.00	1.98	20.18	1.13	10.15	11.28
	56	0.00	-11.05	1.92	20.17	1.13	11.04	12.17	-11.81	1.98	20.18	1.13	10.34	11.47

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (38.757 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 106-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	53	12.87	13.10	25.97	14.14	23.97	9.83	16.70	16.99	33.69	15.27	29.97	14.70
	54	12.41	12.65	25.06	13.99	23.97	9.98	16.09	16.41	32.51	15.12	29.97	14.85
	56	12.96	13.28	26.24	14.19	23.97	9.78	16.81	17.22	34.04	15.32	29.97	14.65
5550	53	12.25	12.17	24.42	13.88	23.97	10.09	15.89	15.79	31.68	15.01	29.97	14.96
	54	11.89	11.87	23.76	13.76	23.97	10.21	15.42	15.40	30.82	14.89	29.97	15.08
	56	12.34	12.57	24.91	13.96	23.97	10.01	16.00	16.31	32.31	15.09	29.97	14.88
5670	53	11.55	11.68	23.23	13.66	23.97	10.31	14.98	15.15	30.13	14.79	29.97	15.18
	54	11.24	11.46	22.70	13.56	23.97	10.41	14.58	14.87	29.45	14.69	29.97	15.28
	56	11.79	11.95	23.74	13.76	23.97	10.21	15.30	15.50	30.80	14.89	29.97	15.08
5710	53	11.12	11.08	22.20	13.46	23.97	10.51	14.43	14.37	28.80	14.59	29.97	15.38
	54	10.87	10.75	21.62	13.35	23.97	10.62	14.10	13.95	28.05	14.48	29.97	15.49
	56	11.25	11.39	22.64	13.55	23.97	10.42	14.59	14.78	29.37	14.68	29.97	15.29
5755	53	11.37	11.33	22.69	13.56	30.00	16.44	14.74	14.69	29.44	14.69	36.00	21.31
	54	10.98	11.14	22.12	13.45	30.00	16.55	14.24	14.46	28.70	14.58	36.00	21.42
	56	11.68	11.75	23.44	13.70	30.00	16.30	15.16	15.24	30.40	14.83	36.00	21.17
5795	53	11.75	11.96	23.71	13.75	30.00	16.25	15.24	15.52	30.76	14.88	36.00	21.12
	54	11.61	11.99	23.60	13.73	30.00	16.27	15.07	15.55	30.62	14.86	36.00	21.14
	56	12.16	12.61	24.77	13.94	30.00	16.06	15.78	16.36	32.14	15.07	36.00	20.93

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	53	0.00	-11.03	1.96	20.17	1.13	11.10	12.23	-11.05	2.05	20.17	1.13	11.17	12.30
	54	0.00	-11.19	1.96	20.17	1.13	10.94	12.07	-11.20	2.05	20.17	1.13	11.02	12.15
	56	0.00	-11.00	1.96	20.17	1.13	11.13	12.26	-10.99	2.05	20.17	1.13	11.23	12.36
5550	53	0.00	-11.24	1.96	20.16	1.13	10.88	12.01	-11.36	2.04	20.17	1.13	10.85	11.98
	54	0.00	-11.37	1.96	20.16	1.13	10.75	11.88	-11.47	2.04	20.17	1.13	10.74	11.87
	56	0.00	-11.21	1.96	20.16	1.13	10.91	12.04	-11.22	2.04	20.17	1.13	10.99	12.12
5670	53	0.00	-11.48	1.94	20.16	1.13	10.63	11.76	-11.52	2.02	20.17	1.13	10.67	11.80
	54	0.00	-11.60	1.94	20.16	1.13	10.51	11.64	-11.60	2.02	20.17	1.13	10.59	11.72
	56	0.00	-11.39	1.94	20.16	1.13	10.72	11.85	-11.42	2.02	20.17	1.13	10.77	11.90
5710	53	0.00	-11.64	1.94	20.16	1.13	10.46	11.59	-11.74	2.01	20.17	1.13	10.45	11.58
	54	0.00	-11.74	1.94	20.16	1.13	10.36	11.49	-11.87	2.01	20.17	1.13	10.32	11.45
	56	0.00	-11.59	1.94	20.16	1.13	10.51	11.64	-11.62	2.01	20.17	1.13	10.57	11.70
5755	53	0.00	-11.58	1.98	20.16	1.13	10.56	11.69	-11.68	2.05	20.17	1.13	10.54	11.67
	54	0.00	-11.73	1.98	20.16	1.13	10.41	11.54	-11.75	2.05	20.17	1.13	10.47	11.60
	56	0.00	-11.46	1.98	20.16	1.13	10.68	11.81	-11.52	2.05	20.17	1.13	10.70	11.83
5795	53	0.00	-11.43	1.97	20.16	1.13	10.70	11.83	-11.43	2.03	20.17	1.13	10.78	11.91
	54	0.00	-11.48	1.97	20.16	1.13	10.65	11.78	-11.42	2.03	20.17	1.13	10.79	11.92
	56	0.00	-11.28	1.97	20.16	1.13	10.85	11.98	-11.20	2.03	20.17	1.13	11.01	12.14

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (38.757 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 106-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	53	13.10	11.89	24.99	13.98	23.97	9.99	14.73	15.43	30.15	14.79	29.97	15.18
	54	12.68	11.30	23.98	13.80	23.97	10.17	14.26	14.66	28.92	14.61	29.97	15.36
	56	13.37	12.03	25.40	14.05	23.97	9.92	15.04	15.60	30.64	14.86	29.97	15.11
5230	53	12.68	11.63	24.31	13.86	23.97	10.11	14.25	15.09	29.34	14.68	29.97	15.29
	54	12.10	11.34	23.45	13.70	23.97	10.27	13.61	14.71	28.32	14.52	29.97	15.45
	56	12.97	11.82	24.79	13.94	23.97	10.03	14.59	15.33	29.92	14.76	29.97	15.21
5270	53	11.50	10.87	22.37	13.50	23.97	10.47	12.94	14.09	27.03	14.32	29.97	15.65
	54	11.32	10.84	22.16	13.46	23.97	10.51	12.73	14.06	26.79	14.28	29.97	15.69
	56	11.64	11.07	22.70	13.56	23.97	10.41	13.09	14.36	27.44	14.38	29.97	15.59
5310	53	12.58	10.93	23.50	13.71	23.97	10.26	14.15	14.17	28.32	14.52	29.97	15.45
	54	12.10	10.51	22.60	13.54	23.97	10.43	13.60	13.63	27.23	14.35	29.97	15.62
	56	12.99	10.98	23.97	13.80	23.97	10.17	14.61	14.24	28.85	14.60	29.97	15.37

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	53	0.00	-10.91	1.91	20.17	0.51	11.17	11.68	-11.38	1.96	20.18	1.13	10.75	11.88
	54	0.00	-11.05	1.91	20.17	0.51	11.03	11.54	-11.60	1.96	20.18	1.13	10.53	11.66
	56	0.00	-10.82	1.91	20.17	0.51	11.26	11.77	-11.33	1.96	20.18	1.13	10.80	11.93
5230	53	0.00	-11.05	1.91	20.17	0.51	11.03	11.54	-11.48	1.96	20.18	1.13	10.66	11.79
	54	0.00	-11.25	1.91	20.17	0.51	10.83	11.34	-11.59	1.96	20.18	1.13	10.55	11.68
	56	0.00	-10.95	1.91	20.17	0.51	11.13	11.64	-11.41	1.96	20.18	1.13	10.73	11.86
5270	53	0.00	-11.48	1.92	20.17	0.51	10.61	11.12	-11.79	1.98	20.18	1.13	10.36	11.49
	54	0.00	-11.55	1.92	20.17	0.51	10.54	11.05	-11.80	1.98	20.18	1.13	10.35	11.48
	56	0.00	-11.43	1.92	20.17	0.51	10.66	11.17	-11.71	1.98	20.18	1.13	10.44	11.57
5310	53	0.00	-11.09	1.92	20.17	0.51	11.00	11.51	-11.77	1.98	20.18	1.13	10.38	11.51
	54	0.00	-11.26	1.92	20.17	0.51	10.83	11.34	-11.94	1.98	20.18	1.13	10.21	11.34
	56	0.00	-10.95	1.92	20.17	0.51	11.14	11.65	-11.75	1.98	20.18	1.13	10.40	11.53

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (38.757 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 106-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	53	13.05	13.40	26.45	14.22	23.97	9.75	14.68	17.38	32.06	15.06	29.97	14.91
	54	12.96	13.04	26.00	14.15	23.97	9.82	14.58	16.91	31.49	14.98	29.97	14.99
	56	13.26	13.75	27.01	14.32	23.97	9.65	14.92	17.83	32.75	15.15	29.97	14.82
5550	53	12.62	12.43	25.05	13.99	23.97	9.98	14.20	16.12	30.32	14.82	29.97	15.15
	54	12.17	12.26	24.42	13.88	23.97	10.09	13.68	15.90	29.58	14.71	29.97	15.26
	56	12.42	12.69	25.11	14.00	23.97	9.97	13.97	16.46	30.43	14.83	29.97	15.14
5670	53	11.87	11.68	23.55	13.72	23.97	10.25	13.35	15.15	28.50	14.55	29.97	15.42
	54	11.50	11.46	22.96	13.61	23.97	10.36	12.93	14.87	27.80	14.44	29.97	15.53
	56	11.96	11.95	23.91	13.78	23.97	10.19	13.45	15.50	28.95	14.62	29.97	15.35
5710	53	11.51	11.55	23.06	13.63	23.97	10.34	12.95	14.98	27.93	14.46	29.97	15.51
	54	10.84	11.06	21.90	13.40	23.97	10.57	12.19	14.34	26.53	14.24	29.97	15.73
	56	11.56	11.82	23.38	13.69	23.97	10.28	13.01	15.33	28.34	14.52	29.97	15.45
5755	53	11.47	11.62	23.09	13.63	30.00	16.37	12.90	15.07	27.97	14.47	36.00	21.53
	54	11.34	11.30	22.64	13.55	30.00	16.45	12.75	14.66	27.41	14.38	36.00	21.62
	56	11.74	11.70	23.44	13.70	30.00	16.30	13.20	15.17	28.37	14.53	36.00	21.47
5795	53	12.05	12.41	24.46	13.88	30.00	16.12	13.55	16.10	29.65	14.72	36.00	21.28
	54	11.53	11.99	23.52	13.72	30.00	16.28	12.97	15.55	28.52	14.55	36.00	21.45
	56	12.30	12.97	25.27	14.03	30.00	15.97	13.84	16.82	30.65	14.86	36.00	21.14

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	53	0.00	-10.97	1.96	20.17	0.51	11.16	11.67	-10.95	2.05	20.17	1.13	11.27	12.40
	54	0.00	-11.00	1.96	20.17	0.51	11.13	11.64	-11.07	2.05	20.17	1.13	11.15	12.28
	56	0.00	-10.90	1.96	20.17	0.51	11.23	11.74	-10.84	2.05	20.17	1.13	11.38	12.51
5550	53	0.00	-11.11	1.96	20.16	0.51	11.01	11.52	-11.27	2.04	20.17	1.13	10.94	12.07
	54	0.00	-11.27	1.96	20.16	0.51	10.85	11.36	-11.33	2.04	20.17	1.13	10.88	12.01
	56	0.00	-11.18	1.96	20.16	0.51	10.94	11.45	-11.18	2.04	20.17	1.13	11.03	12.16
5670	53	0.00	-11.36	1.94	20.16	0.51	10.75	11.26	-11.52	2.02	20.17	1.13	10.67	11.80
	54	0.00	-11.50	1.94	20.16	0.51	10.61	11.12	-11.60	2.02	20.17	1.13	10.59	11.72
	56	0.00	-11.33	1.94	20.16	0.51	10.78	11.29	-11.42	2.02	20.17	1.13	10.77	11.90
5710	53	0.00	-11.49	1.94	20.16	0.51	10.61	11.12	-11.56	2.01	20.17	1.13	10.63	11.76
	54	0.00	-11.75	1.94	20.16	0.51	10.35	10.86	-11.75	2.01	20.17	1.13	10.44	11.57
	56	0.00	-11.47	1.94	20.16	0.51	10.63	11.14	-11.46	2.01	20.17	1.13	10.73	11.86
5755	53	0.00	-11.54	1.98	20.16	0.51	10.60	11.11	-11.57	2.05	20.17	1.13	10.65	11.78
	54	0.00	-11.59	1.98	20.16	0.51	10.55	11.06	-11.69	2.05	20.17	1.13	10.53	11.66
	56	0.00	-11.44	1.98	20.16	0.51	10.70	11.21	-11.54	2.05	20.17	1.13	10.68	11.81
5795	53	0.00	-11.32	1.97	20.16	0.51	10.81	11.32	-11.27	2.03	20.17	1.13	10.94	12.07
	54	0.00	-11.51	1.97	20.16	0.51	10.62	11.13	-11.42	2.03	20.17	1.13	10.79	11.92
	56	0.00	-11.23	1.97	20.16	0.51	10.90	11.41	-11.08	2.03	20.17	1.13	11.13	12.26

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (38.757 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 242-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	61	12.51	11.28	23.78	13.76	23.97	10.21	16.22	14.63	30.85	14.89	29.97	15.08
	62	12.59	11.33	23.92	13.79	23.97	10.18	16.34	14.70	31.03	14.92	29.97	15.05
5230	61	12.24	10.96	23.20	13.66	23.97	10.31	15.88	14.21	30.10	14.79	29.97	15.18
	62	12.36	11.19	23.54	13.72	23.97	10.25	16.03	14.51	30.54	14.85	29.97	15.12
5270	61	12.88	11.64	24.52	13.89	23.97	10.08	16.70	15.10	31.80	15.02	29.97	14.95
	62	13.18	11.86	25.03	13.99	23.97	9.98	17.09	15.38	32.47	15.12	29.97	14.85
5310	61	13.70	11.84	25.54	14.07	23.97	9.90	17.77	15.36	33.13	15.20	29.97	14.77
	62	13.60	11.84	25.44	14.06	23.97	9.91	17.64	15.36	33.01	15.19	29.97	14.78

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	61	0.00	-11.11	1.91	20.17	1.13	10.97	12.10	-11.61	1.96	20.18	1.13	10.52	11.65
	62	0.00	-11.08	1.91	20.17	1.13	11.00	12.13	-11.59	1.96	20.18	1.13	10.54	11.67
5230	61	0.00	-11.20	1.91	20.17	1.13	10.88	12.01	-11.74	1.96	20.18	1.13	10.40	11.53
	62	0.00	-11.16	1.91	20.17	1.13	10.92	12.05	-11.65	1.96	20.18	1.13	10.49	11.62
5270	61	0.00	-10.99	1.92	20.17	1.13	11.10	12.23	-11.49	1.98	20.18	1.13	10.66	11.79
	62	0.00	-10.89	1.92	20.17	1.13	11.20	12.33	-11.41	1.98	20.18	1.13	10.74	11.87
5310	61	0.00	-10.72	1.92	20.17	1.13	11.37	12.50	-11.42	1.98	20.18	1.13	10.73	11.86
	62	0.00	-10.75	1.92	20.17	1.13	11.34	12.47	-11.42	1.98	20.18	1.13	10.73	11.86

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (41.660 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 242-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	61	12.72	12.68	25.41	14.05	23.97	9.92	16.51	16.45	32.96	15.18	29.97	14.79
	62	12.70	12.92	25.61	14.08	23.97	9.89	16.47	16.76	33.22	15.21	29.97	14.76
5550	61	12.08	12.20	24.28	13.85	23.97	10.12	15.67	15.83	31.50	14.98	29.97	14.99
	62	12.05	12.34	24.40	13.87	23.97	10.10	15.64	16.01	31.65	15.00	29.97	14.97
5670	61	11.45	11.31	22.75	13.57	23.97	10.40	14.85	14.67	29.51	14.70	29.97	15.27
	62	11.55	11.62	23.17	13.65	23.97	10.32	14.98	15.08	30.06	14.78	29.97	15.19
5710	61	11.07	11.11	22.18	13.46	23.97	10.51	14.36	14.41	28.77	14.59	29.97	15.38
	62	11.33	11.31	22.64	13.55	23.97	10.42	14.69	14.68	29.37	14.68	29.97	15.29
5755	61	12.12	12.65	24.77	13.94	30.00	16.06	15.73	16.41	32.13	15.07	36.00	20.93
	62	12.21	12.85	25.06	13.99	30.00	16.01	15.83	16.67	32.51	15.12	36.00	20.88
5795	61	12.44	13.55	25.99	14.15	30.00	15.85	16.14	17.57	33.71	15.28	36.00	20.72
	62	12.79	13.61	26.40	14.22	30.00	15.78	16.60	17.65	34.25	15.35	36.00	20.65

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	61	0.00	-11.08	1.96	20.17	1.13	11.05	12.18	-11.19	2.05	20.17	1.13	11.03	12.16
	62	0.00	-11.09	1.96	20.17	1.13	11.04	12.17	-11.11	2.05	20.17	1.13	11.11	12.24
5550	61	0.00	-11.30	1.96	20.16	1.13	10.82	11.95	-11.35	2.04	20.17	1.13	10.86	11.99
	62	0.00	-11.31	1.96	20.16	1.13	10.81	11.94	-11.30	2.04	20.17	1.13	10.91	12.04
5670	61	0.00	-11.52	1.94	20.16	1.13	10.59	11.72	-11.66	2.02	20.17	1.13	10.53	11.66
	62	0.00	-11.48	1.94	20.16	1.13	10.63	11.76	-11.54	2.02	20.17	1.13	10.65	11.78
5710	61	0.00	-11.66	1.94	20.16	1.13	10.44	11.57	-11.73	2.01	20.17	1.13	10.46	11.59
	62	0.00	-11.56	1.94	20.16	1.13	10.54	11.67	-11.65	2.01	20.17	1.13	10.54	11.67
5755	61	0.00	-11.30	1.98	20.16	1.13	10.84	11.97	-11.20	2.05	20.17	1.13	11.02	12.15
	62	0.00	-11.27	1.98	20.16	1.13	10.87	12.00	-11.13	2.05	20.17	1.13	11.09	12.22
5795	61	0.00	-11.18	1.97	20.16	1.13	10.95	12.08	-10.89	2.03	20.17	1.13	11.32	12.45
	62	0.00	-11.06	1.97	20.16	1.13	11.07	12.20	-10.87	2.03	20.17	1.13	11.34	12.47

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (41.660 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 242-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	61	13.19	11.84	25.02	13.98	23.97	9.99	14.83	15.35	30.18	14.80	29.97	15.17
	62	12.86	11.97	24.83	13.95	23.97	10.02	14.46	15.53	29.99	14.77	29.97	15.20
5230	61	12.33	11.37	23.70	13.75	23.97	10.22	13.87	14.75	28.61	14.57	29.97	15.40
	62	12.44	11.47	23.92	13.79	23.97	10.18	13.99	14.88	28.88	14.61	29.97	15.36
5270	61	11.58	10.79	22.37	13.50	23.97	10.47	13.03	14.00	27.02	14.32	29.97	15.65
	62	11.72	10.82	22.53	13.53	23.97	10.44	13.18	14.03	27.21	14.35	29.97	15.62
5310	61	12.64	10.83	23.46	13.70	23.97	10.27	14.21	14.04	28.25	14.51	29.97	15.46
	62	12.49	10.60	23.09	13.64	23.97	10.33	14.05	13.75	27.80	14.44	29.97	15.53

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	61	0.00	-10.88	1.91	20.17	0.51	11.20	11.71	-11.40	1.96	20.18	1.13	10.73	11.86
	62	0.00	-10.99	1.91	20.17	0.51	11.09	11.60	-11.35	1.96	20.18	1.13	10.78	11.91
5230	61	0.00	-11.17	1.91	20.17	0.51	10.91	11.42	-11.58	1.96	20.18	1.13	10.56	11.69
	62	0.00	-11.13	1.91	20.17	0.51	10.95	11.46	-11.54	1.96	20.18	1.13	10.60	11.73
5270	61	0.00	-11.45	1.92	20.17	0.51	10.64	11.15	-11.82	1.98	20.18	1.13	10.33	11.46
	62	0.00	-11.40	1.92	20.17	0.51	10.69	11.20	-11.81	1.98	20.18	1.13	10.34	11.47
5310	61	0.00	-11.07	1.92	20.17	0.51	11.02	11.53	-11.81	1.98	20.18	1.13	10.34	11.47
	62	0.00	-11.12	1.92	20.17	0.51	10.97	11.48	-11.90	1.98	20.18	1.13	10.25	11.38

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + [dBi] Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (41.660 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 242-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	61	12.67	13.01	25.67	14.09	23.97	9.88	14.24	16.87	31.12	14.93	29.97	15.04
	62	12.93	13.07	26.00	14.15	23.97	9.82	14.54	16.95	31.49	14.98	29.97	14.99
5550	61	12.17	12.32	24.48	13.89	23.97	10.08	13.68	15.97	29.66	14.72	29.97	15.25
	62	12.05	12.57	24.63	13.91	23.97	10.06	13.56	16.31	29.87	14.75	29.97	15.22
5670	61	11.58	11.65	23.23	13.66	23.97	10.31	13.02	15.11	28.13	14.49	29.97	15.48
	62	11.66	11.87	23.52	13.72	23.97	10.25	13.11	15.39	28.50	14.55	29.97	15.42
5710	61	11.12	11.29	22.41	13.50	23.97	10.47	12.51	14.64	27.15	14.34	29.97	15.63
	62	11.17	11.52	22.70	13.56	23.97	10.41	12.56	14.95	27.51	14.40	29.97	15.57
5755	61	11.11	11.35	22.46	13.51	30.00	16.49	12.49	14.73	27.22	14.35	36.00	21.65
	62	11.47	11.59	23.06	13.63	30.00	16.37	12.90	15.03	27.93	14.46	36.00	21.54
5795	61	11.94	12.38	24.32	13.86	30.00	16.14	13.43	16.06	29.49	14.70	36.00	21.30
	62	11.91	12.58	24.50	13.89	30.00	16.11	13.40	16.32	29.72	14.73	36.00	21.27

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	61	0.00	-11.10	1.96	20.17	0.51	11.03	11.54	-11.08	2.05	20.17	1.13	11.14	12.27
	62	0.00	-11.01	1.96	20.17	0.51	11.12	11.63	-11.06	2.05	20.17	1.13	11.16	12.29
5550	61	0.00	-11.27	1.96	20.16	0.51	10.85	11.36	-11.31	2.04	20.17	1.13	10.90	12.03
	62	0.00	-11.31	1.96	20.16	0.51	10.81	11.32	-11.22	2.04	20.17	1.13	10.99	12.12
5670	61	0.00	-11.47	1.94	20.16	0.51	10.64	11.15	-11.53	2.02	20.17	1.13	10.66	11.79
	62	0.00	-11.44	1.94	20.16	0.51	10.67	11.18	-11.45	2.02	20.17	1.13	10.74	11.87
5710	61	0.00	-11.64	1.94	20.16	0.51	10.46	10.97	-11.66	2.01	20.17	1.13	10.53	11.66
	62	0.00	-11.62	1.94	20.16	0.51	10.48	10.99	-11.57	2.01	20.17	1.13	10.62	11.75
5755	61	0.00	-11.68	1.98	20.16	0.51	10.46	10.97	-11.67	2.05	20.17	1.13	10.55	11.68
	62	0.00	-11.54	1.98	20.16	0.51	10.60	11.11	-11.58	2.05	20.17	1.13	10.64	11.77
5795	61	0.00	-11.36	1.97	20.16	0.51	10.77	11.28	-11.28	2.03	20.17	1.13	10.93	12.06
	62	0.00	-11.37	1.97	20.16	0.51	10.76	11.27	-11.21	2.03	20.17	1.13	11.00	12.13

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (41.660 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 484-tone RU (CDD)

[High Power mode]

11ax-40 (OFDMA)(CDD) 484-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	65	13.37	11.73	25.10	14.00	23.97	9.97	17.34	15.21	32.56	15.13	29.97	14.84
5230	65	12.59	11.37	23.96	13.79	23.97	10.18	16.33	14.75	31.07	14.92	29.97	15.05
5270	65	11.45	10.62	22.07	13.44	23.97	10.53	14.85	13.77	28.63	14.57	29.97	15.40
5310	65	12.52	10.78	23.30	13.67	23.97	10.30	16.24	13.98	30.22	14.80	29.97	15.17
5510	65	12.44	13.07	25.50	14.07	23.97	9.90	16.13	16.95	33.08	15.20	29.97	14.77
5550	65	12.28	12.54	24.82	13.95	23.97	10.02	15.93	16.27	32.20	15.08	29.97	14.89
5670	65	11.66	11.76	23.42	13.70	23.97	10.27	15.12	15.25	30.37	14.83	29.97	15.14
5710	65	11.25	11.37	22.61	13.54	23.97	10.43	14.59	14.74	29.34	14.67	29.97	15.30
5755	65	11.71	11.62	23.33	13.68	30.00	16.32	15.19	15.07	30.26	14.81	36.00	21.19
5795	65	12.08	12.38	24.46	13.88	30.00	16.12	15.67	16.06	31.73	15.01	36.00	20.99

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	65	0.00	-10.82	1.91	20.17	1.13	11.26	12.39	-11.44	1.96	20.18	1.13	10.69	11.82
5230	65	0.00	-11.08	1.91	20.17	1.13	11.00	12.13	-11.58	1.96	20.18	1.13	10.56	11.69
5270	65	0.00	-11.50	1.92	20.17	1.13	10.59	11.72	-11.89	1.98	20.18	1.13	10.26	11.39
5310	65	0.00	-11.11	1.92	20.17	1.13	10.98	12.11	-11.83	1.98	20.18	1.13	10.32	11.45
5510	65	0.00	-11.18	1.96	20.17	1.13	10.95	12.08	-11.06	2.05	20.17	1.13	11.16	12.29
5550	65	0.00	-11.23	1.96	20.16	1.13	10.89	12.02	-11.23	2.04	20.17	1.13	10.98	12.11
5670	65	0.00	-11.44	1.94	20.16	1.13	10.67	11.80	-11.49	2.02	20.17	1.13	10.70	11.83
5710	65	0.00	-11.59	1.94	20.16	1.13	10.51	11.64	-11.63	2.01	20.17	1.13	10.56	11.69
5755	65	0.00	-11.45	1.98	20.16	1.13	10.69	11.82	-11.57	2.05	20.17	1.13	10.65	11.78
5795	65	0.00	-11.31	1.97	20.16	1.13	10.82	11.95	-11.28	2.03	20.17	1.13	10.93	12.06

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (43.267 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 484-tone RU (SDM)

[High Power mode]

11ax-40 (OFDMA)(SDM) 484-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	65	13.16	11.86	25.02	13.98	23.97	9.99	14.80	15.39	30.19	14.80	29.97	15.17
5230	65	12.88	11.88	24.76	13.94	23.97	10.03	14.49	15.40	29.89	14.76	29.97	15.21
5270	65	11.64	11.04	22.68	13.56	23.97	10.41	13.09	14.32	27.41	14.38	29.97	15.59
5310	65	12.81	10.68	23.49	13.71	23.97	10.26	14.41	13.85	28.26	14.51	29.97	15.46
5510	65	13.08	13.16	26.24	14.19	23.97	9.78	14.71	17.07	31.78	15.02	29.97	14.95
5550	65	12.54	12.63	25.17	14.01	23.97	9.96	14.10	16.38	30.48	14.84	29.97	15.13
5670	65	11.74	11.92	23.66	13.74	23.97	10.23	13.20	15.46	28.67	14.57	29.97	15.40
5710	65	11.25	11.39	22.64	13.55	23.97	10.42	12.65	14.78	27.43	14.38	29.97	15.59
5755	65	11.55	11.78	23.33	13.68	30.00	16.32	12.99	15.28	28.27	14.51	36.00	21.49
5795	65	12.22	12.64	24.86	13.95	30.00	16.05	13.74	16.40	30.14	14.79	36.00	21.21

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	65	0.00	-10.89	1.91	20.17	0.51	11.19	11.70	-11.39	1.96	20.18	1.13	10.74	11.87
5230	65	0.00	-10.98	1.91	20.17	0.51	11.10	11.61	-11.39	1.96	20.18	1.13	10.75	11.88
5270	65	0.00	-11.43	1.92	20.17	0.51	10.66	11.17	-11.72	1.98	20.18	1.13	10.43	11.56
5310	65	0.00	-11.01	1.92	20.17	0.51	11.08	11.59	-11.87	1.98	20.18	1.13	10.28	11.41
5510	65	0.00	-10.96	1.96	20.17	0.51	11.17	11.68	-11.03	2.05	20.17	1.13	11.19	12.32
5550	65	0.00	-11.14	1.96	20.16	0.51	10.98	11.49	-11.20	2.04	20.17	1.13	11.01	12.14
5670	65	0.00	-11.41	1.94	20.16	0.51	10.70	11.21	-11.43	2.02	20.17	1.13	10.76	11.89
5710	65	0.00	-11.59	1.94	20.16	0.51	10.51	11.02	-11.62	2.01	20.17	1.13	10.57	11.70
5755	65	0.00	-11.51	1.98	20.16	0.51	10.63	11.14	-11.51	2.05	20.17	1.13	10.71	11.84
5795	65	0.00	-11.26	1.97	20.16	0.51	10.87	11.38	-11.19	2.03	20.17	1.13	11.02	12.15

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (43.267 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-80 (CDD)

[High Power mode]

11ac-80 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	13.98	13.20	27.19	14.34	23.97	9.63	18.14	17.13	35.27	15.47	29.97	14.50
5290	13.68	13.87	27.56	14.40	23.97	9.57	17.75	18.00	35.74	15.53	29.97	14.44
5530	12.43	12.84	25.27	14.03	23.97	9.94	16.12	16.66	32.78	15.16	29.97	14.81
5610	12.77	13.49	26.26	14.19	23.97	9.78	16.56	17.50	34.06	15.32	29.97	14.65
5690	12.59	11.75	24.34	13.86	23.97	10.11	16.33	15.25	31.58	14.99	29.97	14.98
5775	12.38	12.12	24.50	13.89	30.00	16.11	16.06	15.72	31.78	15.02	36.00	20.98

	5G_CH0							5G_CH1					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0.00	-10.62	1.91	20.17	1.13	11.46	12.59	-10.92	1.95	20.18	1.13	11.21	12.34
5290	0.00	-10.72	1.91	20.17	1.13	11.36	12.49	-10.72	1.96	20.18	1.13	11.42	12.55
5530	0.00	-11.18	1.96	20.17	1.13	10.94	12.07	-11.13	2.04	20.17	1.13	11.09	12.22
5610	0.00	-11.05	1.95	20.17	1.13	11.06	12.19	-10.90	2.03	20.17	1.13	11.30	12.43
5690	0.00	-11.10	1.93	20.17	1.13	11.00	12.13	-11.48	2.01	20.17	1.13	10.70	11.83
5775	0.00	-11.20	1.96	20.17	1.13	10.93	12.06	-11.37	2.03	20.17	1.13	10.83	11.96

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (88.351 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-80 (SDM)

[High Power mode]

11ac-80 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	14.08	13.20	27.28	14.36	23.97	9.61	15.84	17.13	32.96	15.18	29.97	14.79
5290	13.90	14.10	28.00	14.47	23.97	9.50	15.64	18.29	33.93	15.31	29.97	14.66
5530	12.40	12.70	25.09	14.00	23.97	9.97	13.94	16.47	30.41	14.83	29.97	15.14
5610	12.62	13.27	25.90	14.13	23.97	9.84	14.20	17.22	31.41	14.97	29.97	15.00
5690	12.13	11.75	23.89	13.78	23.97	10.19	13.65	15.25	28.89	14.61	29.97	15.36
5775	12.13	12.23	24.35	13.87	30.00	16.13	13.64	15.86	29.50	14.70	36.00	21.30

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0.00	-10.59	1.91	20.17	0.51	11.49	12.00	-10.92	1.95	20.18	1.13	11.21	12.34
5290	0.00	-10.65	1.91	20.17	0.51	11.43	11.94	-10.65	1.96	20.18	1.13	11.49	12.62
5530	0.00	-11.19	1.96	20.17	0.51	10.93	11.44	-11.18	2.04	20.17	1.13	11.04	12.17
5610	0.00	-11.10	1.95	20.17	0.51	11.01	11.52	-10.97	2.03	20.17	1.13	11.23	12.36
5690	0.00	-11.26	1.93	20.17	0.51	10.84	11.35	-11.48	2.01	20.17	1.13	10.70	11.83
5775	0.00	-11.29	1.96	20.17	0.51	10.84	11.35	-11.33	2.03	20.17	1.13	10.87	12.00

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (88.351 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-80 (OFDM) (CDD)

[High Power mode]

11ax-80 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	12.61	10.86	23.46	13.70	23.97	10.27	16.35	14.08	30.44	14.83	29.97	15.14
5290	12.11	10.99	23.10	13.64	23.97	10.33	15.71	14.26	29.97	14.77	29.97	15.20
5530	12.69	12.90	25.59	14.08	23.97	9.89	16.46	16.74	33.19	15.21	29.97	14.76
5610	13.37	13.77	27.14	14.34	23.97	9.63	17.35	17.86	35.21	15.47	29.97	14.50
5690	12.97	12.17	25.14	14.00	23.97	9.97	16.83	15.78	32.61	15.13	29.97	14.84
5775	12.38	12.45	24.84	13.95	30.00	16.05	16.06	16.16	32.22	15.08	36.00	20.92

		5G_CH0						5G_CH1					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0.00	-11.07	1.91	20.17	1.13	11.01	12.14	-11.77	1.95	20.18	1.13	10.36	11.49
5290	0.00	-11.25	1.91	20.17	1.13	10.83	11.96	-11.73	1.96	20.18	1.13	10.41	11.54
5530	0.00	-11.09	1.96	20.17	1.13	11.03	12.16	-11.11	2.04	20.17	1.13	11.11	12.24
5610	0.00	-10.85	1.95	20.17	1.13	11.26	12.39	-10.81	2.03	20.17	1.13	11.39	12.52
5690	0.00	-10.97	1.93	20.17	1.13	11.13	12.26	-11.33	2.01	20.17	1.13	10.85	11.98
5775	0.00	-11.20	1.96	20.17	1.13	10.93	12.06	-11.25	2.03	20.17	1.13	10.95	12.08

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (85.949 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-80 (OFDM) (SDM)

[High Power mode]

11ax-80 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	12.32	11.24	23.56	13.72	23.97	10.25	13.86	14.58	28.43	14.54	29.97	15.43
5290	12.36	11.30	23.67	13.74	23.97	10.23	13.90	14.66	28.57	14.56	29.97	15.41
5530	12.75	13.33	26.07	14.16	23.97	9.81	14.33	17.29	31.62	15.00	29.97	14.97
5610	12.92	14.06	26.98	14.31	23.97	9.66	14.53	18.24	32.76	15.15	29.97	14.82
5690	12.79	12.34	25.13	14.00	23.97	9.97	14.39	16.00	30.39	14.83	29.97	15.14
5775	12.47	12.57	25.04	13.99	30.00	16.01	14.02	16.31	30.33	14.82	36.00	21.18

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0.00	-11.17	1.91	20.17	0.51	10.91	11.42	-11.62	1.95	20.18	1.13	10.51	11.64
5290	0.00	-11.16	1.91	20.17	0.51	10.92	11.43	-11.61	1.96	20.18	1.13	10.53	11.66
5530	0.00	-11.07	1.96	20.17	0.51	11.05	11.56	-10.97	2.04	20.17	1.13	11.25	12.38
5610	0.00	-11.00	1.95	20.17	0.51	11.11	11.62	-10.72	2.03	20.17	1.13	11.48	12.61
5690	0.00	-11.03	1.93	20.17	0.51	11.07	11.58	-11.27	2.01	20.17	1.13	10.91	12.04
5775	0.00	-11.17	1.96	20.17	0.51	10.96	11.47	-11.21	2.03	20.17	1.13	10.99	12.12

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)

For all test frequencies, B was applied the minimum value (85.949 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-80 (OFDMA) 26-tone RU (CDD)

[High Power mode]

11ax-80 (OFDMA)(CDD) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	0	2.65	2.40	5.05	7.03	23.97	16.94	3.44	3.11	6.55	8.16	29.97	21.81
	18	2.47	2.33	4.80	6.81	23.97	17.16	3.21	3.02	6.23	7.94	29.97	22.03
	36	2.51	2.42	4.93	6.93	23.97	17.04	3.26	3.14	6.40	8.06	29.97	21.91
5290	0	10.27	9.87	20.14	13.04	23.97	10.93	13.33	12.80	26.13	14.17	29.97	15.80
	18	9.74	9.38	19.12	12.82	23.97	11.15	12.64	12.17	24.81	13.95	29.97	16.02
	36	9.99	9.96	19.95	13.00	23.97	10.97	12.96	12.92	25.88	14.13	29.97	15.84
5530	0	10.82	10.83	21.66	13.36	23.97	10.61	14.04	14.05	28.09	14.49	29.97	15.48
	18	10.10	10.54	20.64	13.15	23.97	10.82	13.10	13.67	26.77	14.28	29.97	15.69
	36	10.22	11.21	21.43	13.31	23.97	10.66	13.26	14.55	27.80	14.44	29.97	15.53
5610	0	10.22	10.27	20.48	13.11	23.97	10.86	13.26	13.32	26.57	14.24	29.97	15.73
	18	9.69	10.29	19.98	13.01	23.97	10.96	12.57	13.35	25.92	14.14	29.97	15.83
	36	10.12	11.05	21.18	13.26	23.97	10.71	13.13	14.33	27.47	14.39	29.97	15.58
5690	0	10.36	9.31	19.67	12.94	23.97	11.03	13.44	12.08	25.52	14.07	29.97	15.90
	18	9.87	9.35	19.22	12.84	23.97	11.13	12.80	12.13	24.94	13.97	29.97	16.00
	36	10.22	10.16	20.38	13.09	23.97	10.88	13.25	13.18	26.44	14.22	29.97	15.75
5775	0	9.96	9.36	19.32	12.86	30.00	17.14	12.92	12.15	25.07	13.99	29.97	15.98
	18	9.64	9.65	19.29	12.85	30.00	17.15	12.51	12.52	25.03	13.98	29.97	15.99
	36	10.03	10.51	20.54	13.13	30.00	16.87	13.01	13.63	26.64	14.26	29.97	15.71

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0	0.00	-17.84	1.91	20.17	1.13	4.24	5.37	-18.34	1.96	20.18	1.13	3.79	4.92
	18	0.00	-18.15	1.91	20.17	1.13	3.93	5.06	-18.46	1.96	20.18	1.13	3.67	4.80
	36	0.00	-18.08	1.91	20.17	1.13	4.00	5.13	-18.30	1.96	20.18	1.13	3.83	4.96
5290	0	0.00	-11.97	1.92	20.17	1.13	10.12	11.25	-12.21	1.98	20.18	1.13	9.94	11.07
	18	0.00	-12.20	1.92	20.17	1.13	9.89	11.02	-12.43	1.98	20.18	1.13	9.72	10.85
	36	0.00	-12.09	1.92	20.17	1.13	10.00	11.13	-12.17	1.98	20.18	1.13	9.98	11.11
5530	0	0.00	-11.78	1.96	20.17	1.13	10.34	11.47	-11.87	2.04	20.17	1.13	10.35	11.48
	18	0.00	-12.08	1.96	20.17	1.13	10.04	11.17	-11.99	2.04	20.17	1.13	10.23	11.36
	36	0.00	-12.03	1.96	20.17	1.13	10.09	11.22	-11.72	2.04	20.17	1.13	10.50	11.63
5610	0	0.00	-12.02	1.95	20.16	1.13	10.09	11.22	-12.09	2.03	20.17	1.13	10.11	11.24
	18	0.00	-12.25	1.95	20.16	1.13	9.86	10.99	-12.08	2.03	20.17	1.13	10.12	11.25
	36	0.00	-12.06	1.95	20.16	1.13	10.05	11.18	-11.77	2.03	20.17	1.13	10.43	11.56
5690	0	0.00	-11.95	1.94	20.16	1.13	10.15	11.28	-12.50	2.02	20.17	1.13	9.69	10.82
	18	0.00	-12.16	1.94	20.16	1.13	9.94	11.07	-12.48	2.02	20.17	1.13	9.71	10.84
	36	0.00	-12.01	1.94	20.16	1.13	10.09	11.22	-12.12	2.02	20.17	1.13	10.07	11.20
5775	0	0.00	-12.15	1.97	20.16	1.13	9.98	11.11	-12.50	2.04	20.17	1.13	9.71	10.84
	18	0.00	-12.29	1.97	20.16	1.13	9.84	10.97	-12.37	2.04	20.17	1.13	9.84	10.97
	36	0.00	-12.12	1.97	20.16	1.13	10.01	11.14	-12.00	2.04	20.17	1.13	10.21	11.34

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (78.398 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-80 (OFDMA) 26-tone RU (SDM)

[High Power mode]

11ax-80 (OFDMA)(SDM) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
[MHz]		5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
5210	0	2.71	2.40	5.11	7.09	23.97	16.88	3.52	3.11	6.63	8.22	29.97	21.75
	18	2.50	2.33	4.83	6.84	23.97	17.13	3.24	3.02	6.27	7.97	29.97	22.00
	36	2.58	2.39	4.97	6.96	23.97	17.01	3.34	3.10	6.44	8.09	29.97	21.88
5290	0	10.39	10.03	20.42	13.10	23.97	10.87	13.48	13.01	26.49	14.23	29.97	15.74
	18	10.25	9.71	19.96	13.00	23.97	10.97	13.30	12.60	25.89	14.13	29.97	15.84
	36	10.44	9.64	20.08	13.03	23.97	10.94	13.54	12.51	26.05	14.16	29.97	15.81
5530	0	10.70	10.98	21.69	13.36	23.97	10.61	13.88	14.25	28.13	14.49	29.97	15.48
	18	10.27	10.47	20.73	13.17	23.97	10.80	13.32	13.58	26.89	14.30	29.97	15.67
	36	10.48	10.69	21.17	13.26	23.97	10.71	13.60	13.86	27.46	14.39	29.97	15.58
5610	0	10.34	10.75	21.09	13.24	23.97	10.73	13.41	13.94	27.35	14.37	29.97	15.60
	18	9.92	10.80	20.72	13.16	23.97	10.81	12.86	14.01	26.87	14.29	29.97	15.68
	36	10.31	10.63	20.94	13.21	23.97	10.76	13.38	13.78	27.16	14.34	29.97	15.63
5690	0	10.41	10.00	20.41	13.10	23.97	10.87	13.50	12.97	26.47	14.23	29.97	15.74
	18	10.36	9.73	20.09	13.03	23.97	10.94	13.44	12.62	26.06	14.16	29.97	15.81
	36	10.29	9.86	20.15	13.04	23.97	10.93	13.35	12.79	26.14	14.17	29.97	15.80
5775	0	9.78	9.58	19.36	12.87	30.00	17.13	12.69	12.43	25.11	14.00	29.97	15.97
	18	9.67	9.71	19.38	12.87	30.00	17.13	12.54	12.60	25.14	14.00	29.97	15.97
	36	10.70	10.43	21.13	13.25	30.00	16.75	13.88	13.53	27.41	14.38	29.97	15.59

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0	0.00	-17.75	1.91	20.17	1.13	4.33	5.46	-18.33	1.96	20.18	1.13	3.80	4.93
	18	0.00	-18.10	1.91	20.17	1.13	3.98	5.11	-18.46	1.96	20.18	1.13	3.67	4.80
	36	0.00	-17.97	1.91	20.17	1.13	4.11	5.24	-18.35	1.96	20.18	1.13	3.78	4.91
5290	0	0.00	-11.92	1.92	20.17	1.13	10.17	11.30	-12.14	1.98	20.18	1.13	10.01	11.14
	18	0.00	-11.98	1.92	20.17	1.13	10.11	11.24	-12.28	1.98	20.18	1.13	9.87	11.00
	36	0.00	-11.90	1.92	20.17	1.13	10.19	11.32	-12.31	1.98	20.18	1.13	9.84	10.97
5530	0	0.00	-11.83	1.96	20.17	1.13	10.29	11.42	-11.81	2.04	20.17	1.13	10.41	11.54
	18	0.00	-12.01	1.96	20.17	1.13	10.11	11.24	-12.02	2.04	20.17	1.13	10.20	11.33
	36	0.00	-11.92	1.96	20.17	1.13	10.20	11.33	-11.93	2.04	20.17	1.13	10.29	11.42
5610	0	0.00	-11.97	1.95	20.16	1.13	10.14	11.27	-11.89	2.03	20.17	1.13	10.31	11.44
	18	0.00	-12.15	1.95	20.16	1.13	9.96	11.09	-11.87	2.03	20.17	1.13	10.33	11.46
	36	0.00	-11.98	1.95	20.16	1.13	10.13	11.26	-11.94	2.03	20.17	1.13	10.26	11.39
5690	0	0.00	-11.93	1.94	20.16	1.13	10.17	11.30	-12.19	2.02	20.17	1.13	10.00	11.13
	18	0.00	-11.95	1.94	20.16	1.13	10.15	11.28	-12.31	2.02	20.17	1.13	9.88	11.01
	36	0.00	-11.98	1.94	20.16	1.13	10.12	11.25	-12.25	2.02	20.17	1.13	9.94	11.07
5775	0	0.00	-12.23	1.97	20.16	1.13	9.90	11.03	-12.40	2.04	20.17	1.13	9.81	10.94
	18	0.00	-12.28	1.97	20.16	1.13	9.85	10.98	-12.34	2.04	20.17	1.13	9.87	11.00
	36	0.00	-11.84	1.97	20.16	1.13	10.29	11.42	-12.03	2.04	20.17	1.13	10.18	11.31

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (78.398 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-80 (OFDMA) 52-tone RU (CDD)

[High Power mode]

11ax-80 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	37	5.55	5.01	10.55	10.23	23.97	13.74	7.20	6.49	13.69	11.36	29.97	18.61
	44	5.26	4.79	10.05	10.02	23.97	13.95	6.82	6.22	13.04	11.15	29.97	18.82
	52	5.27	5.01	10.28	10.12	23.97	13.85	6.84	6.49	13.33	11.25	29.97	18.72
5290	37	12.55	11.62	24.17	13.83	23.97	10.14	16.28	15.07	31.36	14.96	29.97	15.01
	44	12.70	11.23	23.92	13.79	23.97	10.18	16.47	14.56	31.03	14.92	29.97	15.05
	52	13.14	12.03	25.17	14.01	23.97	9.96	17.05	15.60	32.65	15.14	29.97	14.83
5530	37	11.98	11.99	23.97	13.80	23.97	10.17	15.54	15.55	31.09	14.93	29.97	15.04
	44	11.44	12.13	23.57	13.72	23.97	10.25	14.84	15.73	30.57	14.85	29.97	15.12
	52	11.68	12.61	24.29	13.85	23.97	10.12	15.15	16.36	31.51	14.98	29.97	14.99
5610	37	11.79	12.46	24.24	13.85	23.97	10.12	15.29	16.16	31.45	14.98	29.97	14.99
	44	11.36	12.72	24.08	13.82	23.97	10.15	14.74	16.50	31.23	14.95	29.97	15.02
	52	12.03	13.22	25.26	14.02	23.97	9.95	15.61	17.15	32.76	15.15	29.97	14.82
5690	37	12.34	10.35	22.69	13.56	23.97	10.41	16.01	13.43	29.44	14.69	29.97	15.28
	44	11.84	10.62	22.46	13.51	23.97	10.46	15.36	13.77	29.13	14.64	29.97	15.33
	52	12.29	11.24	23.53	13.72	23.97	10.25	15.94	14.59	30.52	14.85	29.97	15.12
5775	37	12.54	12.34	24.88	13.96	30.00	16.04	16.27	16.01	32.28	15.09	29.97	14.88
	44	12.80	12.84	25.64	14.09	30.00	15.91	16.61	16.65	33.26	15.22	29.97	14.75
	52	13.88	13.44	27.32	14.36	30.00	15.64	18.00	17.44	35.44	15.49	29.97	14.48

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	37	0.00	-14.64	1.91	20.17	1.13	7.44	8.57	-15.14	1.96	20.18	1.13	6.99	8.12
	44	0.00	-14.87	1.91	20.17	1.13	7.21	8.34	-15.33	1.96	20.18	1.13	6.80	7.93
	52	0.00	-14.86	1.91	20.17	1.13	7.22	8.35	-15.14	1.96	20.18	1.13	6.99	8.12
5290	37	0.00	-11.10	1.92	20.17	1.13	10.99	12.12	-11.50	1.98	20.18	1.13	10.65	11.78
	44	0.00	-11.05	1.92	20.17	1.13	11.04	12.17	-11.65	1.98	20.18	1.13	10.50	11.63
	52	0.00	-10.90	1.92	20.17	1.13	11.19	12.32	-11.35	1.98	20.18	1.13	10.80	11.93
5530	37	0.00	-11.34	1.96	20.17	1.13	10.78	11.91	-11.43	2.04	20.17	1.13	10.79	11.92
	44	0.00	-11.54	1.96	20.17	1.13	10.58	11.71	-11.38	2.04	20.17	1.13	10.84	11.97
	52	0.00	-11.45	1.96	20.17	1.13	10.67	11.80	-11.21	2.04	20.17	1.13	11.01	12.14
5610	37	0.00	-11.40	1.95	20.16	1.13	10.71	11.84	-11.25	2.03	20.17	1.13	10.95	12.08
	44	0.00	-11.56	1.95	20.16	1.13	10.55	11.68	-11.16	2.03	20.17	1.13	11.04	12.17
	52	0.00	-11.31	1.95	20.16	1.13	10.80	11.93	-10.99	2.03	20.17	1.13	11.21	12.34
5690	37	0.00	-11.19	1.94	20.16	1.13	10.91	12.04	-12.04	2.02	20.17	1.13	10.15	11.28
	44	0.00	-11.37	1.94	20.16	1.13	10.73	11.86	-11.93	2.02	20.17	1.13	10.26	11.39
	52	0.00	-11.21	1.94	20.16	1.13	10.89	12.02	-11.68	2.02	20.17	1.13	10.51	11.64
5775	37	0.00	-11.15	1.97	20.16	1.13	10.98	12.11	-11.30	2.04	20.17	1.13	10.91	12.04
	44	0.00	-11.06	1.97	20.16	1.13	11.07	12.20	-11.13	2.04	20.17	1.13	11.08	12.21
	52	0.00	-10.71	1.97	20.16	1.13	11.42	12.55	-10.93	2.04	20.17	1.13	11.28	12.41

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (79.379 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-80 (OFDMA) 52-tone RU (SDM)

[High Power mode]

11ax-80 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
[MHz]		5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
5210	37	5.82	5.27	11.09	10.45	23.97	13.52	6.55	6.83	13.38	11.26	29.97	18.71
	44	5.45	4.80	10.25	10.11	23.97	13.86	6.12	6.23	12.35	10.92	29.97	19.05
	52	5.43	5.22	10.65	10.27	23.97	13.70	6.11	6.77	12.88	11.10	29.97	18.87
5290	37	12.55	11.28	23.83	13.77	23.97	10.20	14.12	14.63	28.75	14.59	29.97	15.38
	44	12.52	11.07	23.60	13.73	23.97	10.24	14.08	14.36	28.45	14.54	29.97	15.43
	52	13.02	11.51	24.54	13.90	23.97	10.07	14.65	14.94	29.58	14.71	29.97	15.26
5530	37	11.73	12.04	23.78	13.76	23.97	10.21	13.19	15.62	28.82	14.60	29.97	15.37
	44	11.47	11.80	23.26	13.67	23.97	10.30	12.89	15.30	28.20	14.50	29.97	15.47
	52	12.09	12.55	24.64	13.92	23.97	10.05	13.60	16.29	29.88	14.75	29.97	15.22
5610	37	11.57	12.40	23.97	13.80	23.97	10.17	13.01	16.08	29.10	14.64	29.97	15.33
	44	11.57	12.43	24.00	13.80	23.97	10.17	13.01	16.12	29.13	14.64	29.97	15.33
	52	12.12	13.25	25.37	14.04	23.97	9.93	13.63	17.19	30.82	14.89	29.97	15.08
5690	37	12.14	10.69	22.83	13.59	23.97	10.38	13.66	13.87	27.52	14.40	29.97	15.57
	44	12.12	10.47	22.59	13.54	23.97	10.43	13.63	13.58	27.21	14.35	29.97	15.62
	52	12.40	11.17	23.57	13.72	23.97	10.25	13.94	14.49	28.43	14.54	29.97	15.43
5775	37	12.69	12.26	24.94	13.97	30.00	16.03	14.27	15.90	30.17	14.80	29.97	15.17
	44	12.34	12.87	25.21	14.01	30.00	15.99	13.88	16.69	30.57	14.85	29.97	15.12
	52	13.62	13.79	27.41	14.38	30.00	15.62	15.32	17.88	33.20	15.21	29.97	14.76

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	37	0.00	-14.43	1.91	20.17	0.51	7.65	8.16	-14.92	1.96	20.18	1.13	7.21	8.34
	44	0.00	-14.72	1.91	20.17	0.51	7.36	7.87	-15.32	1.96	20.18	1.13	6.81	7.94
	52	0.00	-14.73	1.91	20.17	0.51	7.35	7.86	-14.96	1.96	20.18	1.13	7.17	8.30
5290	37	0.00	-11.10	1.92	20.17	0.51	10.99	11.50	-11.63	1.98	20.18	1.13	10.52	11.65
	44	0.00	-11.11	1.92	20.17	0.51	10.98	11.49	-11.71	1.98	20.18	1.13	10.44	11.57
	52	0.00	-10.94	1.92	20.17	0.51	11.15	11.66	-11.54	1.98	20.18	1.13	10.61	11.74
5530	37	0.00	-11.43	1.96	20.17	0.51	10.69	11.20	-11.41	2.04	20.17	1.13	10.81	11.94
	44	0.00	-11.53	1.96	20.17	0.51	10.59	11.10	-11.50	2.04	20.17	1.13	10.72	11.85
	52	0.00	-11.30	1.96	20.17	0.51	10.82	11.33	-11.23	2.04	20.17	1.13	10.99	12.12
5610	37	0.00	-11.48	1.95	20.16	0.51	10.63	11.14	-11.27	2.03	20.17	1.13	10.93	12.06
	44	0.00	-11.48	1.95	20.16	0.51	10.63	11.14	-11.26	2.03	20.17	1.13	10.94	12.07
	52	0.00	-11.28	1.95	20.16	0.51	10.83	11.34	-10.98	2.03	20.17	1.13	11.22	12.35
5690	37	0.00	-11.26	1.94	20.16	0.51	10.84	11.35	-11.90	2.02	20.17	1.13	10.29	11.42
	44	0.00	-11.27	1.94	20.16	0.51	10.83	11.34	-11.99	2.02	20.17	1.13	10.20	11.33
	52	0.00	-11.17	1.94	20.16	0.51	10.93	11.44	-11.71	2.02	20.17	1.13	10.48	11.61
5775	37	0.00	-11.10	1.97	20.16	0.51	11.03	11.54	-11.33	2.04	20.17	1.13	10.88	12.01
	44	0.00	-11.22	1.97	20.16	0.51	10.91	11.42	-11.12	2.04	20.17	1.13	11.09	12.22
	52	0.00	-10.79	1.97	20.16	0.51	11.34	11.85	-10.82	2.04	20.17	1.13	11.39	12.52

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)

For all test frequencies, B was applied the minimum value (79.379 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

* UNII-1 is the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 106-tone RU (CDD)

[High Power mode]

11ax-80 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	53	13.06	11.49	24.56	13.90	23.97	10.07	16.95	14.91	31.85	15.03	29.97	14.94
	56	12.50	11.03	23.53	13.72	23.97	10.25	16.22	14.30	30.52	14.85	29.97	15.12
	60	12.94	11.90	24.84	13.95	23.97	10.02	16.79	15.43	32.22	15.08	29.97	14.89
5290	53	12.84	11.78	24.63	13.91	23.97	10.06	16.66	15.28	31.94	15.04	29.97	14.93
	56	12.55	11.46	24.01	13.80	23.97	10.17	16.28	14.87	31.15	14.93	29.97	15.04
	60	13.11	11.78	24.90	13.96	23.97	10.01	17.01	15.28	32.29	15.09	29.97	14.88
5530	53	12.66	12.47	25.13	14.00	23.97	9.97	16.42	16.17	32.59	15.13	29.97	14.84
	56	12.15	12.16	24.30	13.86	23.97	10.11	15.75	15.77	31.52	14.99	29.97	14.98
	60	12.81	13.18	25.98	14.15	23.97	9.82	16.61	17.09	33.70	15.28	29.97	14.69
5610	53	12.31	13.10	25.42	14.05	23.97	9.92	15.97	17.00	32.97	15.18	29.97	14.79
	56	12.23	12.66	24.89	13.96	23.97	10.01	15.86	16.42	32.28	15.09	29.97	14.88
	60	12.54	13.63	26.17	14.18	23.97	9.79	16.27	17.68	33.95	15.31	29.97	14.66
5690	53	12.63	11.64	24.27	13.85	23.97	10.12	16.38	15.10	31.48	14.98	29.97	14.99
	56	12.37	11.14	23.51	13.71	23.97	10.26	16.05	14.45	30.50	14.84	29.97	15.13
	60	12.48	12.13	24.62	13.91	23.97	10.06	16.19	15.74	31.93	15.04	29.97	14.93
5775	53	11.92	12.34	24.26	13.85	30.00	16.15	15.46	16.01	31.48	14.98	29.97	14.99
	56	12.00	12.34	24.35	13.86	30.00	16.14	15.57	16.01	31.58	14.99	29.97	14.98
	60	12.74	13.17	25.91	14.13	30.00	15.87	16.53	17.08	33.61	15.26	29.97	14.71

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	53	0.00	-10.92	1.91	20.17	1.13	11.16	12.29	-11.53	1.96	20.18	1.13	10.60	11.73
	56	0.00	-11.11	1.91	20.17	1.13	10.97	12.10	-11.71	1.96	20.18	1.13	10.42	11.55
	60	0.00	-10.96	1.91	20.17	1.13	11.12	12.25	-11.38	1.96	20.18	1.13	10.75	11.88
5290	53	0.00	-11.00	1.92	20.17	1.13	11.09	12.22	-11.44	1.98	20.18	1.13	10.71	11.84
	56	0.00	-11.10	1.92	20.17	1.13	10.99	12.12	-11.56	1.98	20.18	1.13	10.59	11.72
	60	0.00	-10.91	1.92	20.17	1.13	11.18	12.31	-11.44	1.98	20.18	1.13	10.71	11.84
5530	53	0.00	-11.10	1.96	20.17	1.13	11.02	12.15	-11.26	2.04	20.17	1.13	10.96	12.09
	56	0.00	-11.28	1.96	20.17	1.13	10.84	11.97	-11.37	2.04	20.17	1.13	10.85	11.98
	60	0.00	-11.05	1.96	20.17	1.13	11.07	12.20	-11.02	2.04	20.17	1.13	11.20	12.33
5610	53	0.00	-11.21	1.95	20.16	1.13	10.90	12.03	-11.03	2.03	20.17	1.13	11.17	12.30
	56	0.00	-11.24	1.95	20.16	1.13	10.87	12.00	-11.18	2.03	20.17	1.13	11.02	12.15
	60	0.00	-11.13	1.95	20.16	1.13	10.98	12.11	-10.86	2.03	20.17	1.13	11.34	12.47
5690	53	0.00	-11.09	1.94	20.16	1.13	11.01	12.14	-11.53	2.02	20.17	1.13	10.66	11.79
	56	0.00	-11.18	1.94	20.16	1.13	10.92	12.05	-11.72	2.02	20.17	1.13	10.47	11.60
	60	0.00	-11.14	1.94	20.16	1.13	10.96	12.09	-11.35	2.02	20.17	1.13	10.84	11.97
5775	53	0.00	-11.37	1.97	20.16	1.13	10.76	11.89	-11.30	2.04	20.17	1.13	10.91	12.04
	56	0.00	-11.34	1.97	20.16	1.13	10.79	11.92	-11.30	2.04	20.17	1.13	10.91	12.04
	60	0.00	-11.08	1.97	20.16	1.13	11.05	12.18	-11.02	2.04	20.17	1.13	11.19	12.32

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (80.329 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 106-tone RU (SDM)

[High Power mode]

11ax-80 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	53	13.03	11.60	24.63	13.92	23.97	10.05	14.66	15.05	29.70	14.73	29.97	15.24
	56	12.56	11.23	23.79	13.76	23.97	10.21	14.13	14.57	28.70	14.58	29.97	15.39
	60	13.40	11.82	25.21	14.02	23.97	9.95	15.07	15.33	30.39	14.83	29.97	15.14
5290	53	12.93	11.67	24.61	13.91	23.97	10.06	14.54	15.14	29.69	14.73	29.97	15.24
	56	12.67	11.73	24.40	13.87	23.97	10.10	14.25	15.21	29.46	14.69	29.97	15.28
	60	12.96	12.17	25.13	14.00	23.97	9.97	14.58	15.78	30.36	14.82	29.97	15.15
5530	53	12.57	12.50	25.07	13.99	23.97	9.98	14.14	16.21	30.35	14.82	29.97	15.15
	56	11.92	12.27	24.19	13.84	23.97	10.13	13.41	15.91	29.32	14.67	29.97	15.30
	60	12.72	12.76	25.48	14.06	23.97	9.91	14.30	16.55	30.85	14.89	29.97	15.08
5610	53	12.40	12.92	25.32	14.04	23.97	9.93	13.94	16.76	30.71	14.87	29.97	15.10
	56	12.14	12.48	24.63	13.91	23.97	10.06	13.66	16.19	29.85	14.75	29.97	15.22
	60	12.81	13.66	26.46	14.23	23.97	9.74	14.40	17.72	32.12	15.07	29.97	14.90
5690	53	12.12	11.30	23.41	13.69	23.97	10.28	13.63	14.65	28.28	14.51	29.97	15.46
	56	11.95	11.14	23.09	13.63	23.97	10.34	13.44	14.45	27.89	14.45	29.97	15.52
	60	12.83	11.94	24.77	13.94	23.97	10.03	14.43	15.49	29.92	14.76	29.97	15.21
5775	53	12.66	13.47	26.13	14.17	30.00	15.83	14.23	17.48	31.71	15.01	29.97	14.96
	56	12.77	13.72	26.50	14.23	30.00	15.77	14.36	17.80	32.17	15.07	29.97	14.90
	60	12.51	13.29	25.80	14.12	30.00	15.88	14.07	17.24	31.31	14.96	29.97	15.01

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	53	0.00	-10.93	1.91	20.17	0.51	11.15	11.66	-11.49	1.96	20.18	1.13	10.64	11.77
	56	0.00	-11.09	1.91	20.17	0.51	10.99	11.50	-11.63	1.96	20.18	1.13	10.50	11.63
	60	0.00	-10.81	1.91	20.17	0.51	11.27	11.78	-11.41	1.96	20.18	1.13	10.72	11.85
5290	53	0.00	-10.97	1.92	20.17	0.51	11.12	11.63	-11.48	1.98	20.18	1.13	10.67	11.80
	56	0.00	-11.06	1.92	20.17	0.51	11.03	11.54	-11.46	1.98	20.18	1.13	10.69	11.82
	60	0.00	-10.96	1.92	20.17	0.51	11.13	11.64	-11.30	1.98	20.18	1.13	10.85	11.98
5530	53	0.00	-11.13	1.96	20.17	0.51	10.99	11.50	-11.25	2.04	20.17	1.13	10.97	12.10
	56	0.00	-11.36	1.96	20.17	0.51	10.76	11.27	-11.33	2.04	20.17	1.13	10.89	12.02
	60	0.00	-11.08	1.96	20.17	0.51	11.04	11.55	-11.16	2.04	20.17	1.13	11.06	12.19
5610	53	0.00	-11.18	1.95	20.16	0.51	10.93	11.44	-11.09	2.03	20.17	1.13	11.11	12.24
	56	0.00	-11.27	1.95	20.16	0.51	10.84	11.35	-11.24	2.03	20.17	1.13	10.96	12.09
	60	0.00	-11.04	1.95	20.16	0.51	11.07	11.58	-10.85	2.03	20.17	1.13	11.35	12.48
5690	53	0.00	-11.27	1.94	20.16	0.51	10.83	11.34	-11.66	2.02	20.17	1.13	10.53	11.66
	56	0.00	-11.33	1.94	20.16	0.51	10.77	11.28	-11.72	2.02	20.17	1.13	10.47	11.60
	60	0.00	-11.02	1.94	20.16	0.51	11.08	11.59	-11.42	2.02	20.17	1.13	10.77	11.90
5775	53	0.00	-11.11	1.97	20.16	0.51	11.02	11.53	-10.92	2.04	20.17	1.13	11.29	12.42
	56	0.00	-11.07	1.97	20.16	0.51	11.06	11.57	-10.84	2.04	20.17	1.13	11.37	12.50
	60	0.00	-11.16	1.97	20.16	0.51	10.97	11.48	-10.98	2.04	20.17	1.13	11.23	12.36

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (80.329 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 242-tone RU (CDD)

[High Power mode]

11ax-80 (OFDMA)(CDD) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	61	12.91	11.03	23.94	13.79	23.97	10.18	16.75	14.30	31.05	14.92	29.97	15.05
	62	12.19	11.03	23.22	13.66	23.97	10.31	15.81	14.30	30.12	14.79	29.97	15.18
	64	12.65	11.52	24.17	13.83	23.97	10.14	16.41	14.94	31.35	14.96	29.97	15.01
5290	61	12.76	11.57	24.32	13.86	23.97	10.11	16.55	15.01	31.55	14.99	29.97	14.98
	62	12.52	11.20	23.72	13.75	23.97	10.22	16.24	14.53	30.77	14.88	29.97	15.09
	64	12.67	11.36	24.02	13.81	23.97	10.16	16.43	14.73	31.16	14.94	29.97	15.03
5530	61	12.43	12.30	24.72	13.93	23.97	10.04	16.12	15.95	32.07	15.06	29.97	14.91
	62	12.15	12.02	24.16	13.83	23.97	10.14	15.75	15.59	31.34	14.96	29.97	15.01
	64	12.43	12.50	24.92	13.97	23.97	10.00	16.12	16.21	32.33	15.10	29.97	14.87
5610	61	12.01	12.80	24.81	13.95	23.97	10.02	15.57	16.61	32.18	15.08	29.97	14.89
	62	11.68	12.95	24.63	13.91	23.97	10.06	15.15	16.80	31.95	15.04	29.97	14.93
	64	12.46	13.25	25.71	14.10	23.97	9.87	16.16	17.19	33.35	15.23	29.97	14.74
5690	61	11.98	11.09	23.07	13.63	23.97	10.34	15.54	14.39	29.92	14.76	29.97	15.21
	62	11.92	11.06	22.99	13.61	23.97	10.36	15.47	14.35	29.82	14.74	29.97	15.23
	64	12.37	11.48	23.85	13.77	23.97	10.20	16.05	14.89	30.94	14.90	29.97	15.07
5775	61	11.62	11.90	23.52	13.71	30.00	16.29	15.08	15.43	30.51	14.84	29.97	15.13
	62	11.65	11.92	23.57	13.72	30.00	16.28	15.11	15.47	30.58	14.85	29.97	15.12
	64	12.20	13.04	25.24	14.02	30.00	15.98	15.82	16.92	32.75	15.15	29.97	14.82

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	61	0.00	-10.97	1.91	20.17	1.13	11.11	12.24	-11.71	1.96	20.18	1.13	10.42	11.55
	62	0.00	-11.22	1.91	20.17	1.13	10.86	11.99	-11.71	1.96	20.18	1.13	10.42	11.55
	64	0.00	-11.06	1.91	20.17	1.13	11.02	12.15	-11.52	1.96	20.18	1.13	10.61	11.74
5290	61	0.00	-11.03	1.92	20.17	1.13	11.06	12.19	-11.52	1.98	20.18	1.13	10.63	11.76
	62	0.00	-11.11	1.92	20.17	1.13	10.98	12.11	-11.66	1.98	20.18	1.13	10.49	11.62
	64	0.00	-11.06	1.92	20.17	1.13	11.03	12.16	-11.60	1.98	20.18	1.13	10.55	11.68
5530	61	0.00	-11.18	1.96	20.17	1.13	10.94	12.07	-11.32	2.04	20.17	1.13	10.90	12.03
	62	0.00	-11.28	1.96	20.17	1.13	10.84	11.97	-11.42	2.04	20.17	1.13	10.80	11.93
	64	0.00	-11.18	1.96	20.17	1.13	10.94	12.07	-11.25	2.04	20.17	1.13	10.97	12.10
5610	61	0.00	-11.32	1.95	20.16	1.13	10.79	11.92	-11.13	2.03	20.17	1.13	11.07	12.20
	62	0.00	-11.44	1.95	20.16	1.13	10.67	11.80	-11.08	2.03	20.17	1.13	11.12	12.25
	64	0.00	-11.16	1.95	20.16	1.13	10.95	12.08	-10.98	2.03	20.17	1.13	11.22	12.35
5690	61	0.00	-11.32	1.94	20.16	1.13	10.78	11.91	-11.74	2.02	20.17	1.13	10.45	11.58
	62	0.00	-11.34	1.94	20.16	1.13	10.76	11.89	-11.75	2.02	20.17	1.13	10.44	11.57
	64	0.00	-11.18	1.94	20.16	1.13	10.92	12.05	-11.59	2.02	20.17	1.13	10.60	11.73
5775	61	0.00	-11.48	1.97	20.16	1.13	10.65	11.78	-11.46	2.04	20.17	1.13	10.75	11.88
	62	0.00	-11.47	1.97	20.16	1.13	10.66	11.79	-11.45	2.04	20.17	1.13	10.76	11.89
	64	0.00	-11.27	1.97	20.16	1.13	10.86	11.99	-11.06	2.04	20.17	1.13	11.15	12.28

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (82.999 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 242-tone RU (SDM)

[High Power mode]

11ax-80 (OFDMA)(SDM) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
[MHz]		5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
5210	61	12.71	11.23	23.94	13.79	23.97	10.18	14.29	14.57	28.86	14.60	29.97	15.37
	62	12.25	11.21	23.45	13.70	23.97	10.27	13.77	14.54	28.31	14.52	29.97	15.45
	64	12.91	11.52	24.43	13.88	23.97	10.09	14.52	14.94	29.47	14.69	29.97	15.28
5290	61	12.90	11.70	24.60	13.91	23.97	10.06	14.51	15.18	29.69	14.73	29.97	15.24
	62	12.55	11.17	23.73	13.75	23.97	10.22	14.12	14.50	28.61	14.57	29.97	15.40
	64	12.67	11.51	24.18	13.83	23.97	10.14	14.25	14.94	29.18	14.65	29.97	15.32
5530	61	12.31	12.38	24.70	13.93	23.97	10.04	13.85	16.06	29.91	14.76	29.97	15.21
	62	12.17	12.35	24.53	13.90	23.97	10.07	13.69	16.02	29.71	14.73	29.97	15.24
	64	12.81	12.55	25.36	14.04	23.97	9.93	14.40	16.29	30.69	14.87	29.97	15.10
5610	61	12.03	12.54	24.58	13.91	23.97	10.06	13.53	16.27	29.80	14.74	29.97	15.23
	62	12.14	12.48	24.63	13.91	23.97	10.06	13.66	16.19	29.85	14.75	29.97	15.22
	64	12.49	13.44	25.92	14.14	23.97	9.83	14.04	17.43	31.47	14.98	29.97	14.99
5690	61	12.17	11.22	23.39	13.69	23.97	10.28	13.69	14.55	28.24	14.51	29.97	15.46
	62	12.01	11.09	23.10	13.64	23.97	10.33	13.50	14.39	27.89	14.45	29.97	15.52
	64	12.54	11.61	24.16	13.83	23.97	10.14	14.11	15.06	29.17	14.65	29.97	15.32
5775	61	12.11	11.95	24.07	13.81	30.00	16.19	13.62	15.50	29.13	14.64	29.97	15.33
	62	11.87	11.90	23.76	13.76	30.00	16.24	13.34	15.43	28.78	14.59	29.97	15.38
	64	12.40	13.01	25.41	14.05	30.00	15.95	13.94	16.88	30.82	14.89	29.97	15.08

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	61	0.00	-11.04	1.91	20.17	0.51	11.04	11.55	-11.63	1.96	20.18	1.13	10.50	11.63
	62	0.00	-11.20	1.91	20.17	0.51	10.88	11.39	-11.64	1.96	20.18	1.13	10.49	11.62
	64	0.00	-10.97	1.91	20.17	0.51	11.11	11.62	-11.52	1.96	20.18	1.13	10.61	11.74
5290	61	0.00	-10.98	1.92	20.17	0.51	11.11	11.62	-11.47	1.98	20.18	1.13	10.68	11.81
	62	0.00	-11.10	1.92	20.17	0.51	10.99	11.50	-11.67	1.98	20.18	1.13	10.48	11.61
	64	0.00	-11.06	1.92	20.17	0.51	11.03	11.54	-11.54	1.98	20.18	1.13	10.61	11.74
5530	61	0.00	-11.22	1.96	20.17	0.51	10.90	11.41	-11.29	2.04	20.17	1.13	10.93	12.06
	62	0.00	-11.27	1.96	20.17	0.51	10.85	11.36	-11.30	2.04	20.17	1.13	10.92	12.05
	64	0.00	-11.05	1.96	20.17	0.51	11.07	11.58	-11.23	2.04	20.17	1.13	10.99	12.12
5610	61	0.00	-11.31	1.95	20.16	0.51	10.80	11.31	-11.22	2.03	20.17	1.13	10.98	12.11
	62	0.00	-11.27	1.95	20.16	0.51	10.84	11.35	-11.24	2.03	20.17	1.13	10.96	12.09
	64	0.00	-11.15	1.95	20.16	0.51	10.96	11.47	-10.92	2.03	20.17	1.13	11.28	12.41
5690	61	0.00	-11.25	1.94	20.16	0.51	10.85	11.36	-11.69	2.02	20.17	1.13	10.50	11.63
	62	0.00	-11.31	1.94	20.16	0.51	10.79	11.30	-11.74	2.02	20.17	1.13	10.45	11.58
	64	0.00	-11.12	1.94	20.16	0.51	10.98	11.49	-11.54	2.02	20.17	1.13	10.65	11.78
5775	61	0.00	-11.30	1.97	20.16	0.51	10.83	11.34	-11.44	2.04	20.17	1.13	10.77	11.90
	62	0.00	-11.39	1.97	20.16	0.51	10.74	11.25	-11.46	2.04	20.17	1.13	10.75	11.88
	64	0.00	-11.20	1.97	20.16	0.51	10.93	11.44	-11.07	2.04	20.17	1.13	11.14	12.27

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (82.999 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 484-tone RU (CDD)

[High Power mode]

11ax-80 (OFDMA)(CDD) 484-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	65	12.82	11.28	24.11	13.82	23.97	10.15	16.64	14.64	31.27	14.95	29.97	15.02
	66	12.80	11.52	24.31	13.86	23.97	10.11	16.60	14.94	31.54	14.99	29.97	14.98
5290	65	12.81	11.28	24.09	13.82	23.97	10.15	16.62	14.63	31.25	14.95	29.97	15.02
	66	12.84	11.54	24.38	13.87	23.97	10.10	16.66	14.97	31.63	15.00	29.97	14.97
5530	65	12.60	12.35	24.95	13.97	23.97	10.00	16.35	16.02	32.37	15.10	29.97	14.87
	66	12.69	12.50	25.18	14.01	23.97	9.96	16.46	16.21	32.67	15.14	29.97	14.83
5610	65	12.26	12.92	25.18	14.01	23.97	9.96	15.90	16.76	32.66	15.14	29.97	14.83
	66	12.54	13.25	25.80	14.12	23.97	9.85	16.27	17.19	33.46	15.25	29.97	14.72
5690	65	12.66	11.37	24.03	13.81	23.97	10.16	16.42	14.76	31.18	14.94	29.97	15.03
	66	12.37	11.69	24.06	13.81	23.97	10.16	16.05	15.17	31.22	14.94	29.97	15.03
5775	65	11.81	12.15	23.96	13.79	30.00	16.21	15.32	15.76	31.08	14.92	29.97	15.05
	66	12.37	12.69	25.06	13.99	30.00	16.01	16.04	16.46	32.50	15.12	29.97	14.85

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	65	0.00	-11.00	1.91	20.17	1.13	11.08	12.21	-11.61	1.96	20.18	1.13	10.52	11.65
	66	0.00	-11.01	1.91	20.17	1.13	11.07	12.20	-11.52	1.96	20.18	1.13	10.61	11.74
5290	65	0.00	-11.01	1.92	20.17	1.13	11.08	12.21	-11.63	1.98	20.18	1.13	10.52	11.65
	66	0.00	-11.00	1.92	20.17	1.13	11.09	12.22	-11.53	1.98	20.18	1.13	10.62	11.75
5530	65	0.00	-11.12	1.96	20.17	1.13	11.00	12.13	-11.30	2.04	20.17	1.13	10.92	12.05
	66	0.00	-11.09	1.96	20.17	1.13	11.03	12.16	-11.25	2.04	20.17	1.13	10.97	12.10
5610	65	0.00	-11.23	1.95	20.16	1.13	10.88	12.01	-11.09	2.03	20.17	1.13	11.11	12.24
	66	0.00	-11.13	1.95	20.16	1.13	10.98	12.11	-10.98	2.03	20.17	1.13	11.22	12.35
5690	65	0.00	-11.08	1.94	20.16	1.13	11.02	12.15	-11.63	2.02	20.17	1.13	10.56	11.69
	66	0.00	-11.18	1.94	20.16	1.13	10.92	12.05	-11.51	2.02	20.17	1.13	10.68	11.81
5775	65	0.00	-11.41	1.97	20.16	1.13	10.72	11.85	-11.37	2.04	20.17	1.13	10.84	11.97
	66	0.00	-11.21	1.97	20.16	1.13	10.92	12.05	-11.18	2.04	20.17	1.13	11.03	12.16

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (85.488 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 484-tone RU (SDM)

[High Power mode]

11ax-80 (OFDMA)(SDM) 484-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	65	12.74	11.13	23.87	13.78	23.97	10.19	14.32	14.44	28.76	14.59	29.97	15.38
	66	13.12	11.36	24.49	13.89	23.97	10.08	14.76	14.74	29.50	14.70	29.97	15.27
5290	65	13.08	11.28	24.36	13.87	23.97	10.10	14.71	14.63	29.34	14.68	29.97	15.29
	66	13.14	11.36	24.50	13.89	23.97	10.08	14.78	14.73	29.51	14.70	29.97	15.27
5530	65	12.60	12.18	24.78	13.94	23.97	10.03	14.17	15.80	29.98	14.77	29.97	15.20
	66	12.89	12.67	25.56	14.08	23.97	9.89	14.50	16.44	30.94	14.90	29.97	15.07
5610	65	12.60	12.57	25.17	14.01	23.97	9.96	14.17	16.31	30.48	14.84	29.97	15.13
	66	12.49	13.10	25.59	14.08	23.97	9.89	14.04	17.00	31.04	14.92	29.97	15.05
5690	65	11.98	11.19	23.17	13.65	23.97	10.32	13.47	14.52	27.99	14.47	29.97	15.50
	66	12.43	11.53	23.96	13.79	23.97	10.18	13.98	14.96	28.94	14.61	29.97	15.36
5775	65	12.20	11.73	23.93	13.79	30.00	16.21	13.72	15.22	28.94	14.61	29.97	15.36
	66	12.69	12.49	25.17	14.01	30.00	15.99	14.27	16.20	30.46	14.84	29.97	15.13

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	65	0.00	-11.03	1.91	20.17	0.51	11.05	11.56	-11.67	1.96	20.18	1.13	10.46	11.59
	66	0.00	-10.90	1.91	20.17	0.51	11.18	11.69	-11.58	1.96	20.18	1.13	10.55	11.68
5290	65	0.00	-10.92	1.92	20.17	0.51	11.17	11.68	-11.63	1.98	20.18	1.13	10.52	11.65
	66	0.00	-10.90	1.92	20.17	0.51	11.19	11.70	-11.60	1.98	20.18	1.13	10.55	11.68
5530	65	0.00	-11.12	1.96	20.17	0.51	11.00	11.51	-11.36	2.04	20.17	1.13	10.86	11.99
	66	0.00	-11.02	1.96	20.17	0.51	11.10	11.61	-11.19	2.04	20.17	1.13	11.03	12.16
5610	65	0.00	-11.11	1.95	20.16	0.51	11.00	11.51	-11.21	2.03	20.17	1.13	10.99	12.12
	66	0.00	-11.15	1.95	20.16	0.51	10.96	11.47	-11.03	2.03	20.17	1.13	11.17	12.30
5690	65	0.00	-11.32	1.94	20.16	0.51	10.78	11.29	-11.70	2.02	20.17	1.13	10.49	11.62
	66	0.00	-11.16	1.94	20.16	0.51	10.94	11.45	-11.57	2.02	20.17	1.13	10.62	11.75
5775	65	0.00	-11.27	1.97	20.16	0.51	10.86	11.37	-11.52	2.04	20.17	1.13	10.69	11.82
	66	0.00	-11.10	1.97	20.16	0.51	11.03	11.54	-11.25	2.04	20.17	1.13	10.96	12.09

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (85.488 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 996-tone RU (CDD)

[High Power mode]

11ax-80 (OFDMA)(CDD) 996-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	67	12.95	11.65	24.59	13.91	23.97	10.06	16.79	15.11	31.90	15.04	29.97	14.93
5290	67	13.12	12.02	25.14	14.00	23.97	9.97	17.01	15.60	32.61	15.13	29.97	14.84
5530	67	12.64	12.56	25.20	14.01	23.97	9.96	16.39	16.30	32.69	15.14	29.97	14.83
5610	67	12.25	13.07	25.33	14.04	23.97	9.93	15.89	16.96	32.85	15.17	29.97	14.80
5690	67	12.22	11.29	23.51	13.71	23.97	10.26	15.85	14.64	30.50	14.84	29.97	15.13
5775	67	12.18	12.45	24.63	13.91	30.00	16.09	15.80	16.15	31.94	15.04	36.00	20.96

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	67	0.00	-10.96	1.91	20.17	1.13	11.12	12.25	-11.47	1.96	20.18	1.13	10.66	11.79
5290	67	0.00	-10.91	1.92	20.17	1.13	11.18	12.31	-11.35	1.98	20.18	1.13	10.80	11.93
5530	67	0.00	-11.11	1.96	20.17	1.13	11.02	12.15	-11.23	2.05	20.17	1.13	10.99	12.12
5610	67	0.00	-11.24	1.96	20.16	1.13	10.88	12.01	-11.05	2.04	20.17	1.13	11.16	12.29
5690	67	0.00	-11.23	1.94	20.16	1.13	10.87	12.00	-11.66	2.01	20.17	1.13	10.53	11.66
5775	67	0.00	-11.28	1.98	20.16	1.13	10.86	11.99	-11.27	2.05	20.17	1.13	10.95	12.08

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (88.344 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 40 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 996-tone RU (SDM)

[High Power mode]

11ax-80 (OFDMA)(SDM) 996-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	67	13.43	11.59	25.03	13.98	23.97	9.99	15.11	15.04	30.15	14.79	29.97	15.18
5290	67	13.51	11.72	25.24	14.02	23.97	9.95	15.20	15.21	30.40	14.83	29.97	15.14
5530	67	13.05	12.83	25.88	14.13	23.97	9.84	14.68	16.64	31.32	14.96	29.97	15.01
5610	67	13.34	13.32	26.66	14.26	23.97	9.71	15.00	17.28	32.28	15.09	29.97	14.88
5690	67	13.01	11.82	24.82	13.95	23.97	10.02	14.63	15.33	29.96	14.77	29.97	15.20
5775	67	12.78	13.15	25.94	14.14	30.00	15.86	14.38	17.06	31.44	14.97	36.00	21.03

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	67	0.00	-10.80	1.91	20.17	0.51	11.28	11.79	-11.49	1.96	20.18	1.13	10.64	11.77
5290	67	0.00	-10.78	1.92	20.17	0.51	11.31	11.82	-11.46	1.98	20.18	1.13	10.69	11.82
5530	67	0.00	-10.97	1.96	20.17	0.51	11.16	11.67	-11.14	2.05	20.17	1.13	11.08	12.21
5610	67	0.00	-10.87	1.96	20.16	0.51	11.25	11.76	-10.97	2.04	20.17	1.13	11.24	12.37
5690	67	0.00	-10.96	1.94	20.16	0.51	11.14	11.65	-11.46	2.01	20.17	1.13	10.73	11.86
5775	67	0.00	-11.07	1.98	20.16	0.51	11.07	11.58	-11.03	2.05	20.17	1.13	11.19	12.32

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (88.344 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 24, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-160 (OFDM) (CDD)

[High Power mode]

11ax-160 (CDD)

5G_CH0 + 5G_CH1 Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power Antenna 5G_CH0	5G_CH1	Sum	Result	Limit	Margin	e.i.r.p. Antenna 5G_CH0	5G_CH1	Sum	Result	Limit	Margin
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5250	13.75	12.41	26.17	14.18	23.97	9.79	17.84	16.10	33.94	15.31	29.97	14.66
5570	12.50	13.27	25.76	14.11	23.97	9.86	16.21	17.21	33.42	15.24	29.97	14.73

	5G_CH0							**5G_CH1**					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5250	0.00	-10.70	1.91	20.17	1.13	11.38	12.51	-11.20	1.96	20.18	1.13	10.94	12.07
5570	0.00	-11.15	1.95	20.17	1.13	10.97	12.10	-10.98	2.03	20.17	1.13	11.23	12.36

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (168.672 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 24, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-160 (OFDM) (SDM)

[High Power mode]

11ax-160 (SDM)

5G_CH0 + 5G_CH1 Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5250	13.47	12.30	25.77	14.11	23.97	9.86	15.15	15.96	31.11	14.93	29.97	15.04
5570	12.44	13.09	25.52	14.07	23.97	9.90	13.99	16.97	30.96	14.91	29.97	15.06

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5250	0.00	-10.79	1.91	20.17	0.51	11.29	11.80	-11.24	1.96	20.18	1.13	10.90	12.03
5570	0.00	-11.17	1.95	20.17	0.51	10.95	11.46	-11.04	2.03	20.17	1.13	11.17	12.30

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (168.672 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	March 19, 2024	February 2, 2024
Temperature / Humidity	25 deg. C / 46 % RH	22 deg. C / 30 % RH
Engineer	Yuta Shiba	Yosuke Murakami
Mode	Tx 11ax-160 (OFDMA) (CDD)	

[High Power mode]

11ax-160 (OFDMA)(CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU		RU	Conducted power						e.i.r.p.					
Frequency	tone	Segment	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5250	26	0	0	2.72	2.26	4.99	6.98	23.97	16.99	3.53	2.94	6.47	8.11	29.97	21.86
		0	36	2.97	2.61	5.58	7.46	23.97	16.51	3.85	3.38	7.23	8.59	29.97	21.38
		1	36	2.63	2.40	5.03	7.01	23.97	16.96	3.41	3.11	6.52	8.14	29.97	21.83
5250	52	0	37	6.07	5.54	11.61	10.65	23.97	13.32	7.87	7.19	15.06	11.78	29.97	18.19
		0	52	5.75	5.54	11.30	10.53	23.97	13.44	7.46	7.19	14.65	11.66	29.97	18.31
		1	52	5.32	4.91	10.23	10.10	23.97	13.87	6.90	6.37	13.27	11.23	29.97	18.74
5250	106	0	53	11.91	10.79	22.69	13.56	23.97	10.41	15.45	13.99	29.44	14.69	29.97	15.28
		0	60	13.45	11.88	25.34	14.04	23.97	9.93	17.45	15.41	32.86	15.17	29.97	14.80
		1	60	12.16	11.32	23.48	13.71	23.97	10.26	15.77	14.68	30.46	14.84	29.97	15.13
5250	242	0	61	12.47	11.14	23.61	13.73	23.97	10.24	16.18	14.45	30.63	14.86	29.97	15.11
		0	64	13.18	11.96	25.14	14.00	23.97	9.97	17.10	15.52	32.61	15.13	29.97	14.84
		1	64	12.97	11.45	24.42	13.88	23.97	10.09	16.82	14.85	31.68	15.01	29.97	14.96
5250	484	0	65	12.56	11.16	23.72	13.75	23.97	10.22	16.29	14.48	30.77	14.88	29.97	15.09
		0	66	13.24	11.45	24.69	13.93	23.97	10.04	17.17	14.85	32.03	15.06	29.97	14.91
		1	66	13.15	11.74	24.89	13.96	23.97	10.01	17.06	15.24	32.29	15.09	29.97	14.88
5250	996	0	67	12.85	11.58	24.43	13.88	23.97	10.09	16.67	15.03	31.69	15.01	29.97	14.96
		1	67	13.12	11.80	24.92	13.96	23.97	10.01	17.02	15.31	32.32	15.09	29.97	14.88
5250	2 x 996	-	68	12.61	11.37	23.99	13.80	23.97	10.17	16.36	14.75	31.12	14.93	29.97	15.04

					5G_CH0						5G_CH1					
Tested	RU		RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	tone	Segment	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
				*1)	Reading				Power		Reading				Power	
[MHz]				[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5250	26	0	0	0.00	-17.74	1.92	20.17	1.13	4.35	5.48	-18.60	1.97	20.18	1.13	3.55	4.68
		0	36	0.00	-17.36	1.92	20.17	1.13	4.73	5.86	-17.99	1.97	20.18	1.13	4.16	5.29
		1	36	0.00	-17.89	1.92	20.17	1.13	4.20	5.33	-18.35	1.97	20.18	1.13	3.80	4.93
5250	52	0	37	0.00	-14.26	1.92	20.17	1.13	7.83	8.96	-14.71	1.97	20.18	1.13	7.44	8.57
		0	52	0.00	-14.49	1.92	20.17	1.13	7.60	8.73	-14.71	1.97	20.18	1.13	7.44	8.57
		1	52	0.00	-14.83	1.92	20.17	1.13	7.26	8.39	-15.24	1.97	20.18	1.13	6.91	8.04
5250	106	0	53	0.00	-11.33	1.92	20.17	1.13	10.76	11.89	-11.82	1.97	20.18	1.13	10.33	11.46
		0	60	0.00	-10.80	1.92	20.17	1.13	11.29	12.42	-11.40	1.97	20.18	1.13	10.75	11.88
		1	60	0.00	-11.24	1.92	20.17	1.13	10.85	11.98	-11.61	1.97	20.18	1.13	10.54	11.67
5250	242	0	61	0.00	-11.13	1.92	20.17	1.13	10.96	12.09	-11.68	1.97	20.18	1.13	10.47	11.60
		0	64	0.00	-10.89	1.92	20.17	1.13	11.20	12.33	-11.37	1.97	20.18	1.13	10.78	11.91
		1	64	0.00	-10.96	1.92	20.17	1.13	11.13	12.26	-11.56	1.97	20.18	1.13	10.59	11.72
5250	484	0	65	0.00	-11.10	1.92	20.17	1.13	10.99	12.12	-11.67	1.97	20.18	1.13	10.48	11.61
		0	66	0.00	-10.87	1.92	20.17	1.13	11.22	12.35	-11.56	1.97	20.18	1.13	10.59	11.72
		1	66	0.00	-10.90	1.92	20.17	1.13	11.19	12.32	-11.45	1.97	20.18	1.13	10.70	11.83
5250	996	0	67	0.00	-11.00	1.92	20.17	1.13	11.09	12.22	-11.51	1.97	20.18	1.13	10.64	11.77
		1	67	0.00	-10.91	1.92	20.17	1.13	11.18	12.31	-11.43	1.97	20.18	1.13	10.72	11.85
5250	2 x 996	-	68	0.00	-11.08	1.92	20.17	1.13	11.01	12.14	-11.59	1.97	20.18	1.13	10.56	11.69

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (163.230 MHz) as conservative limit. (26-tone)
For all test frequencies, B was applied the minimum value (163.324 MHz) as conservative limit. (52-tone)
For all test frequencies, B was applied the minimum value (164.405 MHz) as conservative limit. (106-tone)
For all test frequencies, B was applied the minimum value (165.187 MHz) as conservative limit. (242-tone)
For all test frequencies, B was applied the minimum value (166.706 MHz) as conservative limit. (484-tone)
For all test frequencies, B was applied the minimum value (170.499 MHz) as conservative limit. (996-tone)
For all test frequencies, B was applied the minimum value (172.356 MHz) as conservative limit. (2x996-tone)
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* RU 26 and RU52 are the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	March 19, 2024	February 2, 2024
Temperature / Humidity	25 deg. C / 46 % RH	22 deg. C / 30 % RH
Engineer	Yuta Shiba	Yosuke Murakami
Mode	Tx 11ax-160 (OFDMA) (CDD)	

[High Power mode]

11ax-160 (OFDMA)(CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU tone	Segment	RU Index	Conducted power Antenna 5G_CH0 [mW]	Antenna 5G_CH1 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	e.i.r.p. Antenna 5G_CH0 [mW]	Antenna 5G_CH1 [mW]	Antenna Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5570	26	0	0	9.33	9.84	19.17	12.83	23.97	11.14	12.10	12.77	24.87	13.96	29.97	16.01
		0	36	10.81	10.59	21.41	13.31	23.97	10.66	14.02	13.74	27.77	14.44	29.97	15.53
		1	36	10.30	9.64	19.94	13.00	23.97	10.97	13.36	12.50	25.87	14.13	29.97	15.84
5570	52	0	37	11.27	10.94	22.21	13.47	23.97	10.50	14.62	14.19	28.81	14.60	29.97	15.37
		0	52	12.64	12.59	25.24	14.02	23.97	9.95	16.40	16.33	32.74	15.15	29.97	14.82
		1	52	11.80	12.53	24.33	13.86	23.97	10.11	15.31	16.26	31.57	14.99	29.97	14.98
5570	106	0	53	11.09	11.15	22.23	13.47	23.97	10.50	14.38	14.46	28.84	14.60	29.97	15.37
		0	60	12.56	12.62	25.18	14.01	23.97	9.96	16.29	16.37	32.66	15.14	29.97	14.83
		1	60	11.99	12.39	24.38	13.87	23.97	10.10	15.56	16.07	31.63	15.00	29.97	14.97
5570	242	0	61	11.80	11.78	23.58	13.73	23.97	10.24	15.31	15.28	30.59	14.86	29.97	15.11
		0	64	12.79	12.56	25.35	14.04	23.97	9.93	16.59	16.30	32.89	15.17	29.97	14.80
		1	64	12.19	12.74	24.92	13.97	23.97	10.00	15.81	16.52	32.33	15.10	29.97	14.87
5570	484	0	65	11.88	11.59	23.47	13.71	23.97	10.26	15.41	15.03	30.45	14.84	29.97	15.13
		0	66	12.53	12.33	24.86	13.96	23.97	10.01	16.25	16.00	32.25	15.09	29.97	14.88
		1	66	12.30	12.65	24.95	13.97	23.97	10.00	15.95	16.41	32.36	15.10	29.97	14.87
5570	996	0	67	12.08	12.05	24.13	13.83	23.97	10.14	15.66	15.63	31.30	14.96	29.97	15.01
		1	67	12.44	12.71	25.15	14.01	23.97	9.96	16.14	16.48	32.62	15.14	29.97	14.83
5570	2 x 996	-	68	13.27	13.46	26.73	14.27	23.97	9.70	17.21	17.46	34.68	15.40	29.97	14.57

				5G_CH0							5G_CH1					
Tested Frequency [MHz]	RU tone	Segment	RU Index	Duty Factor *1) [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5570	26	0	0	0.00	-12.42	1.95	20.16	1.13	9.70	10.83	-12.28	2.04	20.17	1.13	9.93	11.06
		0	36	0.00	-11.78	1.95	20.16	1.13	10.34	11.47	-11.96	2.04	20.17	1.13	10.25	11.38
		1	36	0.00	-11.99	1.95	20.16	1.13	10.13	11.26	-12.37	2.04	20.17	1.13	9.84	10.97
5570	52	0	37	0.00	-11.60	1.95	20.16	1.13	10.52	11.65	-11.82	2.04	20.17	1.13	10.39	11.52
		0	52	0.00	-11.10	1.95	20.16	1.13	11.02	12.15	-11.21	2.04	20.17	1.13	11.00	12.13
		1	52	0.00	-11.40	1.95	20.16	1.13	10.72	11.85	-11.23	2.04	20.17	1.13	10.98	12.11
5570	106	0	53	0.00	-11.67	1.95	20.16	1.13	10.45	11.58	-11.74	2.04	20.17	1.13	10.47	11.60
		0	60	0.00	-11.13	1.95	20.16	1.13	10.99	12.12	-11.20	2.04	20.17	1.13	11.01	12.14
		1	60	0.00	-11.33	1.95	20.16	1.13	10.79	11.92	-11.28	2.04	20.17	1.13	10.93	12.06
5570	242	0	61	0.00	-11.40	1.95	20.16	1.13	10.72	11.85	-11.50	2.04	20.17	1.13	10.71	11.84
		0	64	0.00	-11.05	1.95	20.16	1.13	11.07	12.20	-11.22	2.04	20.17	1.13	10.99	12.12
		1	64	0.00	-11.26	1.95	20.16	1.13	10.86	11.99	-11.16	2.04	20.17	1.13	11.05	12.18
5570	484	0	65	0.00	-11.37	1.95	20.16	1.13	10.75	11.88	-11.57	2.04	20.17	1.13	10.64	11.77
		0	66	0.00	-11.14	1.95	20.16	1.13	10.98	12.11	-11.30	2.04	20.17	1.13	10.91	12.04
		1	66	0.00	-11.22	1.95	20.16	1.13	10.90	12.03	-11.19	2.04	20.17	1.13	11.02	12.15
5570	996	0	67	0.00	-11.30	1.95	20.16	1.13	10.82	11.95	-11.40	2.04	20.17	1.13	10.81	11.94
		1	67	0.00	-11.17	1.95	20.16	1.13	10.95	12.08	-11.17	2.04	20.17	1.13	11.04	12.17
5570	2 x 996	-	68	0.00	-10.89	1.95	20.16	1.13	11.23	12.36	-10.92	2.04	20.17	1.13	11.29	12.42

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (163.230 MHz) as conservative limit. (26-tone)
For all test frequencies, B was applied the minimum value (163.324 MHz) as conservative limit. (52-tone)
For all test frequencies, B was applied the minimum value (164.405 MHz) as conservative limit. (106-tone)
For all test frequencies, B was applied the minimum value (165.187 MHz) as conservative limit. (242-tone)
For all test frequencies, B was applied the minimum value (166.706 MHz) as conservative limit. (484-tone)
For all test frequencies, B was applied the minimum value (170.499 MHz) as conservative limit. (996-tone)
For all test frequencies, B was applied the minimum value (172.356 MHz) as conservative limit. (2x996-tone)
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	March 19, 2024	February 2, 2024
Temperature / Humidity	25 deg. C / 46 % RH	22 deg. C / 30 % RH
Engineer	Yuta Shiba	Yosuke Murakami
Mode	Tx 11ax-160 (OFDMA) (SDM)	

[High Power mode]

11ax-160 (OFDMA)(SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU		RU	Conducted power						e.i.r.p.					
Frequency	tone	Segment	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5250	26	0	0	2.68	2.39	5.08	7.06	23.97	16.91	3.02	3.10	6.12	7.87	29.97	22.10
		0	36	2.94	2.59	5.53	7.43	23.97	16.54	3.31	3.36	6.67	8.24	29.97	21.73
		1	36	2.72	2.28	5.01	7.00	23.97	16.97	3.06	2.96	6.02	7.80	29.97	22.17
5250	52	0	37	5.46	4.81	10.26	10.11	23.97	13.86	6.14	6.24	12.37	10.92	29.97	19.05
		0	52	6.05	5.53	11.58	10.64	23.97	13.33	6.81	7.18	13.98	11.46	29.97	18.51
		1	52	5.39	5.08	10.47	10.20	23.97	13.77	6.07	6.59	12.65	11.02	29.97	18.95
5250	106	0	53	11.99	10.54	22.53	13.53	23.97	10.44	13.49	13.67	27.16	14.34	29.97	15.63
		0	60	13.27	11.96	25.23	14.02	23.97	9.95	14.92	15.52	30.44	14.83	29.97	15.14
		1	60	12.38	11.29	23.68	13.74	23.97	10.23	13.93	14.65	28.58	14.56	29.97	15.41
5250	242	0	61	12.38	11.19	23.57	13.72	23.97	10.25	13.93	14.52	28.44	14.54	29.97	15.43
		0	64	13.42	11.74	25.17	14.01	23.97	9.96	15.10	15.24	30.33	14.82	29.97	15.15
		1	64	12.88	12.10	24.98	13.98	23.97	9.99	14.48	15.70	30.18	14.80	29.97	15.17
5250	484	0	65	12.27	11.35	23.62	13.73	23.97	10.24	13.80	14.72	28.52	14.55	29.97	15.42
		0	66	13.12	11.83	24.94	13.97	23.97	10.00	14.75	15.34	30.09	14.78	29.97	15.19
		1	66	12.97	11.77	24.74	13.93	23.97	10.04	14.58	15.27	29.85	14.75	29.97	15.22
5250	996	0	67	12.59	10.86	23.45	13.70	23.97	10.27	14.15	14.09	28.24	14.51	29.97	15.46
		1	67	13.06	11.85	24.91	13.96	23.97	10.01	14.68	15.38	30.06	14.78	29.97	15.19
5250	2 x 996	-	68	12.61	11.24	23.86	13.78	23.97	10.19	14.19	14.58	28.77	14.59	29.97	15.38

					5G_CH0						5G_CH1					
Tested	RU		RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	tone	Segment	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]				[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5250	26	0	0	0.00	-17.80	1.92	20.17	0.51	4.29	4.80	-18.36	1.97	20.18	1.13	3.79	4.92
		0	36	0.00	-17.40	1.92	20.17	0.51	4.69	5.20	-18.02	1.97	20.18	1.13	4.13	5.26
		1	36	0.00	-17.74	1.92	20.17	0.51	4.35	4.86	-18.56	1.97	20.18	1.13	3.59	4.72
5250	52	0	37	0.00	-14.72	1.92	20.17	0.51	7.37	7.88	-15.33	1.97	20.18	1.13	6.82	7.95
		0	52	0.00	-14.27	1.92	20.17	0.51	7.82	8.33	-14.72	1.97	20.18	1.13	7.43	8.56
		1	52	0.00	-14.77	1.92	20.17	0.51	7.32	7.83	-15.09	1.97	20.18	1.13	7.06	8.19
5250	106	0	53	0.00	-11.30	1.92	20.17	0.51	10.79	11.30	-11.92	1.97	20.18	1.13	10.23	11.36
		0	60	0.00	-10.86	1.92	20.17	0.51	11.23	11.74	-11.37	1.97	20.18	1.13	10.78	11.91
		1	60	0.00	-11.16	1.92	20.17	0.51	10.93	11.44	-11.62	1.97	20.18	1.13	10.53	11.66
5250	242	0	61	0.00	-11.16	1.92	20.17	0.51	10.93	11.44	-11.66	1.97	20.18	1.13	10.49	11.62
		0	64	0.00	-10.81	1.92	20.17	0.51	11.28	11.79	-11.45	1.97	20.18	1.13	10.70	11.83
		1	64	0.00	-10.99	1.92	20.17	0.51	11.10	11.61	-11.32	1.97	20.18	1.13	10.83	11.96
5250	484	0	65	0.00	-11.20	1.92	20.17	0.51	10.89	11.40	-11.60	1.97	20.18	1.13	10.55	11.68
		0	66	0.00	-10.91	1.92	20.17	0.51	11.18	11.69	-11.42	1.97	20.18	1.13	10.73	11.86
		1	66	0.00	-10.96	1.92	20.17	0.51	11.13	11.64	-11.44	1.97	20.18	1.13	10.71	11.84
5250	996	0	67	0.00	-11.09	1.92	20.17	0.51	11.00	11.51	-11.79	1.97	20.18	1.13	10.36	11.49
		1	67	0.00	-10.93	1.92	20.17	0.51	11.16	11.67	-11.41	1.97	20.18	1.13	10.74	11.87
5250	2 x 996	-	68	0.00	-11.08	1.92	20.17	0.51	11.01	11.52	-11.64	1.97	20.18	1.13	10.51	11.64

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (163.230 MHz) as conservative limit. (26-tone)
For all test frequencies, B was applied the minimum value (163.324 MHz) as conservative limit. (52-tone)
For all test frequencies, B was applied the minimum value (164.405 MHz) as conservative limit. (106-tone)
For all test frequencies, B was applied the minimum value (165.187 MHz) as conservative limit. (242-tone)
For all test frequencies, B was applied the minimum value (166.706 MHz) as conservative limit. (484-tone)
For all test frequencies, B was applied the minimum value (170.499 MHz) as conservative limit. (996-tone)
For all test frequencies, B was applied the minimum value (172.356 MHz) as conservative limit. (2x996-tone)
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* RU 26 and RU 52 are the same power setting for High power mode and Standard power mode.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	March 19, 2024	February 2, 2024
Temperature / Humidity	25 deg. C / 46 % RH	22 deg. C / 30 % RH
Engineer	Yuta Shiba	Yosuke Murakami
Mode	Tx 11ax-160 (OFDMA) (SDM)	

[High Power mode]

11ax-160 (OFDMA)(SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU		RU	Conducted power						e.i.r.p.					
Frequency	tone	Segment	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5570	26	0	0	9.50	9.49	18.99	12.79	23.97	11.18	10.69	12.30	22.99	13.62	29.97	16.35
		0	36	10.33	10.59	20.92	13.21	23.97	10.76	11.61	13.74	25.35	14.04	29.97	15.93
		1	36	10.37	9.71	20.08	13.03	23.97	10.94	11.67	12.59	24.26	13.85	29.97	16.12
5570	52	0	37	11.69	11.94	23.63	13.74	23.97	10.23	13.15	15.49	28.64	14.57	29.97	15.40
		0	52	13.00	13.28	26.28	14.20	23.97	9.77	14.62	17.22	31.84	15.03	29.97	14.94
		1	52	12.30	12.80	25.10	14.00	23.97	9.97	13.83	16.60	30.43	14.83	29.97	15.14
5570	106	0	53	11.35	10.97	22.31	13.49	23.97	10.48	12.76	14.23	26.99	14.31	29.97	15.66
		0	60	12.50	12.45	24.95	13.97	23.97	10.00	14.06	16.15	30.20	14.80	29.97	15.17
		1	60	12.16	12.45	24.61	13.91	23.97	10.06	13.67	16.15	29.82	14.75	29.97	15.22
5570	242	0	61	11.56	11.70	23.26	13.67	23.97	10.30	13.00	15.17	28.17	14.50	29.97	15.47
		0	64	12.50	12.86	25.35	14.04	23.97	9.93	14.06	16.68	30.73	14.88	29.97	15.09
		1	64	12.02	12.80	24.82	13.95	23.97	10.02	13.52	16.60	30.12	14.79	29.97	15.18
5570	484	0	65	11.69	11.94	23.63	13.74	23.97	10.23	13.15	15.49	28.64	14.57	29.97	15.40
		0	66	12.41	12.86	25.27	14.03	23.97	9.94	13.96	16.68	30.64	14.86	29.97	15.11
		1	66	12.22	12.71	24.92	13.97	23.97	10.00	13.74	16.48	30.22	14.80	29.97	15.17
5570	996	0	67	11.91	11.70	23.61	13.73	23.97	10.24	13.39	15.17	28.57	14.56	29.97	15.41
		1	67	12.33	12.62	24.95	13.97	23.97	10.00	13.86	16.37	30.24	14.81	29.97	15.16
5570	2 x 996	-	68	13.64	13.71	27.35	14.37	23.97	9.60	15.34	17.79	33.13	15.20	29.97	14.77

					5G_CH0						5G_CH1					
Tested	RU		RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	tone	Segment	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
				*1)	Reading				Power		Reading				Power	
[MHz]				[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5570	26	0	0	0.00	-12.34	1.95	20.16	0.51	9.78	10.29	-12.44	2.04	20.17	1.13	9.77	10.90
		0	36	0.00	-11.98	1.95	20.16	0.51	10.14	10.65	-11.96	2.04	20.17	1.13	10.25	11.38
		1	36	0.00	-11.96	1.95	20.16	0.51	10.16	10.67	-12.34	2.04	20.17	1.13	9.87	11.00
5570	52	0	37	0.00	-11.44	1.95	20.16	0.51	10.68	11.19	-11.44	2.04	20.17	1.13	10.77	11.90
		0	52	0.00	-10.98	1.95	20.16	0.51	11.14	11.65	-10.98	2.04	20.17	1.13	11.23	12.36
		1	52	0.00	-11.22	1.95	20.16	0.51	10.90	11.41	-11.14	2.04	20.17	1.13	11.07	12.20
5570	106	0	53	0.00	-11.57	1.95	20.16	0.51	10.55	11.06	-11.81	2.04	20.17	1.13	10.40	11.53
		0	60	0.00	-11.15	1.95	20.16	0.51	10.97	11.48	-11.26	2.04	20.17	1.13	10.95	12.08
		1	60	0.00	-11.27	1.95	20.16	0.51	10.85	11.36	-11.26	2.04	20.17	1.13	10.95	12.08
5570	242	0	61	0.00	-11.49	1.95	20.16	0.51	10.63	11.14	-11.53	2.04	20.17	1.13	10.68	11.81
		0	64	0.00	-11.15	1.95	20.16	0.51	10.97	11.48	-11.12	2.04	20.17	1.13	11.09	12.22
		1	64	0.00	-11.32	1.95	20.16	0.51	10.80	11.31	-11.14	2.04	20.17	1.13	11.07	12.20
5570	484	0	65	0.00	-11.44	1.95	20.16	0.51	10.68	11.19	-11.44	2.04	20.17	1.13	10.77	11.90
		0	66	0.00	-11.18	1.95	20.16	0.51	10.94	11.45	-11.12	2.04	20.17	1.13	11.09	12.22
		1	66	0.00	-11.25	1.95	20.16	0.51	10.87	11.38	-11.17	2.04	20.17	1.13	11.04	12.17
5570	996	0	67	0.00	-11.36	1.95	20.16	0.51	10.76	11.27	-11.53	2.04	20.17	1.13	10.68	11.81
		1	67	0.00	-11.21	1.95	20.16	0.51	10.91	11.42	-11.20	2.04	20.17	1.13	11.01	12.14
5570	2 x 996	-	68	0.00	-10.77	1.95	20.16	0.51	11.35	11.86	-10.84	2.04	20.17	1.13	11.37	12.50

*1) Duty factor is 0, since this measurement w as performed only on the on time using the gate function of pow er meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (163.230 MHz) as conservative limit. (26-tone)
For all test frequencies, B was applied the minimum value (163.324 MHz) as conservative limit. (52-tone)
For all test frequencies, B was applied the minimum value (164.405 MHz) as conservative limit. (106-tone)
For all test frequencies, B was applied the minimum value (165.187 MHz) as conservative limit. (242-tone)
For all test frequencies, B was applied the minimum value (166.706 MHz) as conservative limit. (484-tone)
For all test frequencies, B was applied the minimum value (170.499 MHz) as conservative limit. (996-tone)
For all test frequencies, B was applied the minimum value (172.356 MHz) as conservative limit. (2x996-tone)

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 24, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11a

[Standard Power mode]

11a (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	6.79	5.96	12.75	11.06	23.97	12.91	8.81	7.74	16.54	12.19	29.97	17.78
5220	6.57	5.94	12.51	10.97	23.97	13.00	8.53	7.70	16.23	12.10	29.97	17.87
5240	7.27	6.79	14.06	11.48	23.97	12.49	9.43	8.81	18.24	12.61	29.97	17.36
5260	7.27	6.67	13.93	11.44	23.97	12.53	9.43	8.65	18.08	12.57	29.97	17.40
5300	7.52	6.61	14.13	11.50	23.97	12.47	9.75	8.58	18.33	12.63	29.97	17.34
5320	7.50	6.67	14.17	11.51	23.97	12.46	9.73	8.66	18.38	12.64	29.97	17.33
5500	7.43	7.32	14.76	11.69	23.97	12.28	9.64	9.50	19.14	12.82	29.97	17.15
5580	6.77	7.23	14.00	11.46	23.97	12.51	8.78	9.38	18.16	12.59	29.97	17.38
5700	6.09	6.10	12.20	10.86	23.97	13.11	7.90	7.92	15.82	11.99	29.97	17.98
5720	6.83	6.66	13.49	11.30	23.97	12.67	8.86	8.64	17.50	12.43	29.97	17.54
5745	7.30	6.86	14.16	11.51	30.00	18.49	9.47	8.90	18.37	12.64	36.00	23.36
5785	7.85	7.08	14.92	11.74	30.00	18.26	10.18	9.18	19.36	12.87	36.00	23.13
5825	7.14	6.88	14.02	11.47	30.00	18.53	9.27	8.92	18.19	12.60	36.00	23.40

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-13.76	1.91	20.17	1.13	8.32	9.45	-14.37	1.95	20.18	1.13	7.75	8.88
5220	0.00	-13.90	1.91	20.17	1.13	8.18	9.31	-14.39	1.95	20.18	1.13	7.74	8.87
5240	0.00	-13.46	1.91	20.17	1.13	8.61	9.74	-13.81	1.95	20.18	1.13	8.32	9.45
5260	0.00	-13.47	1.91	20.17	1.13	8.61	9.74	-13.90	1.96	20.18	1.13	8.24	9.37
5300	0.00	-13.32	1.91	20.17	1.13	8.76	9.89	-13.94	1.96	20.18	1.13	8.20	9.33
5320	0.00	-13.33	1.91	20.17	1.13	8.75	9.88	-13.90	1.97	20.18	1.13	8.24	9.37
5500	0.00	-13.31	1.94	20.08	1.13	8.71	9.84	-13.49	2.03	20.11	1.13	8.65	9.78
5580	0.00	-13.43	1.93	19.80	1.13	8.30	9.43	-13.32	2.01	19.90	1.13	8.59	9.72
5700	0.00	-13.76	1.91	19.69	1.13	7.85	8.98	-14.04	1.99	19.91	1.13	7.86	8.99
5720	0.00	-13.73	1.91	20.17	1.13	8.35	9.48	-13.92	1.98	20.17	1.13	8.24	9.37
5745	0.00	-13.46	1.93	20.17	1.13	8.63	9.76	-13.81	2.00	20.17	1.13	8.36	9.49
5785	0.00	-13.14	1.92	20.17	1.13	8.95	10.08	-13.66	1.99	20.17	1.13	8.50	9.63
5825	0.00	-13.54	1.91	20.17	1.13	8.54	9.67	-13.77	1.97	20.17	1.13	8.38	9.51

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 26, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11n-20 (CDD)

[Standard Power mode]

11n-20 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	7.55	6.89	14.44	11.60	23.97	12.37	9.79	8.94	18.73	12.73	29.97	17.24
5220	7.76	7.53	15.28	11.84	23.97	12.13	10.06	9.76	19.83	12.97	29.97	17.00
5240	7.88	7.04	14.92	11.74	23.97	12.23	10.22	9.14	19.36	12.87	29.97	17.10
5260	7.38	6.70	14.08	11.49	23.97	12.48	9.58	8.69	18.27	12.62	29.97	17.35
5300	7.52	6.42	13.93	11.44	23.97	12.53	9.75	8.32	18.07	12.57	29.97	17.40
5320	7.24	6.30	13.54	11.32	23.97	12.65	9.40	8.17	17.57	12.45	29.97	17.52
5500	7.64	7.26	14.90	11.73	23.97	12.24	9.91	9.41	19.32	12.86	29.97	17.11
5580	6.75	7.13	13.89	11.43	23.97	12.54	8.76	9.25	18.01	12.56	29.97	17.41
5700	6.09	6.12	12.21	10.87	23.97	13.10	7.90	7.94	15.84	12.00	29.97	17.97
5720	6.63	6.33	12.96	11.13	23.97	12.84	8.60	8.21	16.82	12.26	29.97	17.71
5745	7.40	6.85	14.25	11.54	30.00	18.46	9.60	8.88	18.48	12.67	36.00	23.33
5785	7.76	7.11	14.87	11.72	30.00	18.28	10.06	9.23	19.29	12.85	36.00	23.15
5825	7.33	6.91	14.24	11.53	30.00	18.47	9.50	8.97	18.47	12.66	36.00	23.34

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-13.30	1.91	20.17	1.13	8.78	9.91	-13.74	1.95	20.18	1.13	8.38	9.51
5220	0.00	-13.18	1.91	20.17	1.13	8.90	10.03	-13.36	1.95	20.18	1.13	8.77	9.90
5240	0.00	-13.11	1.91	20.17	1.13	8.96	10.09	-13.65	1.95	20.18	1.13	8.48	9.61
5260	0.00	-13.40	1.91	20.17	1.13	8.68	9.81	-13.88	1.96	20.18	1.13	8.26	9.39
5300	0.00	-13.32	1.91	20.17	1.13	8.76	9.89	-14.07	1.96	20.18	1.13	8.07	9.20
5320	0.00	-13.48	1.91	20.17	1.13	8.60	9.73	-14.15	1.97	20.18	1.13	7.99	9.12
5500	0.00	-13.19	1.94	20.08	1.13	8.83	9.96	-13.53	2.03	20.11	1.13	8.61	9.74
5580	0.00	-13.44	1.93	19.80	1.13	8.29	9.42	-13.38	2.01	19.90	1.13	8.53	9.66
5700	0.00	-13.76	1.91	19.69	1.13	7.85	8.98	-14.03	1.99	19.91	1.13	7.87	9.00
5720	0.00	-13.86	1.91	20.17	1.13	8.22	9.35	-14.14	1.98	20.17	1.13	8.02	9.15
5745	0.00	-13.40	1.93	20.17	1.13	8.69	9.82	-13.82	2.00	20.17	1.13	8.35	9.48
5785	0.00	-13.19	1.92	20.17	1.13	8.90	10.03	-13.64	1.99	20.17	1.13	8.52	9.65
5825	0.00	-13.43	1.91	20.17	1.13	8.65	9.78	-13.75	1.97	20.17	1.13	8.40	9.53

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 26, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11n-20 (SDM)

[Standard Power mode]

11n-20 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	6.62	5.87	12.49	10.96	23.97	13.01	7.44	7.61	15.06	11.78	29.97	18.19
5220	6.35	5.64	11.99	10.79	23.97	13.18	7.14	7.32	14.46	11.60	29.97	18.37
5240	7.12	6.51	13.63	11.35	23.97	12.62	8.01	8.45	16.46	12.16	29.97	17.81
5260	7.07	6.40	13.47	11.29	23.97	12.68	7.95	8.30	16.25	12.11	29.97	17.86
5300	7.21	6.21	13.42	11.28	23.97	12.69	8.11	8.06	16.17	12.09	29.97	17.88
5320	7.03	6.31	13.34	11.25	23.97	12.72	7.91	8.19	16.10	12.07	29.97	17.90
5500	7.55	7.46	15.01	11.76	23.97	12.21	8.49	9.68	18.17	12.59	29.97	17.38
5580	6.66	7.23	13.89	11.43	23.97	12.54	7.49	9.38	16.87	12.27	29.97	17.70
5700	5.99	6.03	12.03	10.80	23.97	13.17	6.74	7.83	14.57	11.63	29.97	18.34
5720	6.54	6.33	12.87	11.10	23.97	12.87	7.35	8.21	15.57	11.92	29.97	18.05
5745	7.18	6.78	13.97	11.45	30.00	18.55	8.08	8.80	16.88	12.27	36.00	23.73
5785	7.63	7.10	14.73	11.68	30.00	18.32	8.58	9.20	17.79	12.50	36.00	23.50
5825	7.36	7.02	14.38	11.58	30.00	18.42	8.28	9.11	17.39	12.40	36.00	23.60

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-13.87	1.91	20.17	0.51	8.21	8.72	-14.44	1.95	20.18	1.13	7.68	8.81
5220	0.00	-14.05	1.91	20.17	0.51	8.03	8.54	-14.61	1.95	20.18	1.13	7.52	8.65
5240	0.00	-13.55	1.91	20.17	0.51	8.52	9.03	-13.99	1.95	20.18	1.13	8.14	9.27
5260	0.00	-13.59	1.91	20.17	0.51	8.49	9.00	-14.08	1.96	20.18	1.13	8.06	9.19
5300	0.00	-13.50	1.91	20.17	0.51	8.58	9.09	-14.21	1.96	20.18	1.13	7.93	9.06
5320	0.00	-13.61	1.91	20.17	0.51	8.47	8.98	-14.14	1.97	20.18	1.13	8.00	9.13
5500	0.00	-13.24	1.94	20.08	0.51	8.78	9.29	-13.41	2.03	20.11	1.13	8.73	9.86
5580	0.00	-13.50	1.93	19.80	0.51	8.23	8.74	-13.32	2.01	19.90	1.13	8.59	9.72
5700	0.00	-13.83	1.91	19.69	0.51	7.78	8.29	-14.09	1.99	19.91	1.13	7.81	8.94
5720	0.00	-13.92	1.91	20.17	0.51	8.16	8.67	-14.14	1.98	20.17	1.13	8.02	9.15
5745	0.00	-13.53	1.93	20.17	0.51	8.56	9.07	-13.86	2.00	20.17	1.13	8.31	9.44
5785	0.00	-13.26	1.92	20.17	0.51	8.83	9.34	-13.65	1.99	20.17	1.13	8.51	9.64
5825	0.00	-13.41	1.91	20.17	0.51	8.67	9.18	-13.68	1.97	20.17	1.13	8.47	9.60

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 26, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ac-20 (CDD)

[Standard Power mode]

11ac-20 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	6.95	5.98	12.92	11.11	23.97	12.86	9.01	7.75	16.77	12.24	29.97	17.73
5220	6.60	5.76	12.37	10.92	23.97	13.05	8.56	7.48	16.04	12.05	29.97	17.92
5240	7.39	6.82	14.21	11.53	23.97	12.44	9.58	8.85	18.43	12.66	29.97	17.31
5260	7.28	6.65	13.94	11.44	23.97	12.53	9.45	8.63	18.08	12.57	29.97	17.40
5300	7.54	6.42	13.95	11.45	23.97	12.52	9.77	8.32	18.10	12.58	29.97	17.39
5320	7.36	6.51	13.87	11.42	23.97	12.55	9.55	8.44	17.99	12.55	29.97	17.42
5500	7.40	7.21	14.60	11.64	23.97	12.33	9.60	9.35	18.94	12.77	29.97	17.20
5580	6.80	7.05	13.85	11.41	23.97	12.56	8.82	9.15	17.97	12.54	29.97	17.43
5700	6.01	5.87	11.88	10.75	23.97	13.22	7.79	7.61	15.41	11.88	29.97	18.09
5720	6.60	6.19	12.79	11.07	23.97	12.90	8.56	8.03	16.59	12.20	29.97	17.77
5745	7.32	6.89	14.21	11.53	30.00	18.47	9.49	8.94	18.43	12.66	36.00	23.34
5785	7.63	6.93	14.57	11.63	30.00	18.37	9.90	8.99	18.89	12.76	36.00	23.24
5825	7.28	6.99	14.27	11.54	30.00	18.46	9.44	9.07	18.51	12.67	36.00	23.33

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-13.66	1.91	20.17	1.13	8.42	9.55	-14.36	1.95	20.18	1.13	7.76	8.89
5220	0.00	-13.88	1.91	20.17	1.13	8.20	9.33	-14.52	1.95	20.18	1.13	7.61	8.74
5240	0.00	-13.39	1.91	20.17	1.13	8.68	9.81	-13.79	1.95	20.18	1.13	8.34	9.47
5260	0.00	-13.46	1.91	20.17	1.13	8.62	9.75	-13.91	1.96	20.18	1.13	8.23	9.36
5300	0.00	-13.31	1.91	20.17	1.13	8.77	9.90	-14.07	1.96	20.18	1.13	8.07	9.20
5320	0.00	-13.41	1.91	20.17	1.13	8.67	9.80	-14.01	1.97	20.18	1.13	8.13	9.26
5500	0.00	-13.33	1.94	20.08	1.13	8.69	9.82	-13.56	2.03	20.11	1.13	8.58	9.71
5580	0.00	-13.41	1.93	19.80	1.13	8.32	9.45	-13.43	2.01	19.90	1.13	8.48	9.61
5700	0.00	-13.82	1.91	19.69	1.13	7.79	8.92	-14.21	1.99	19.91	1.13	7.69	8.82
5720	0.00	-13.88	1.91	20.17	1.13	8.20	9.33	-14.24	1.98	20.17	1.13	7.92	9.05
5745	0.00	-13.45	1.93	20.17	1.13	8.64	9.77	-13.79	2.00	20.17	1.13	8.38	9.51
5785	0.00	-13.26	1.92	20.17	1.13	8.83	9.96	-13.75	1.99	20.17	1.13	8.41	9.54
5825	0.00	-13.46	1.91	20.17	1.13	8.62	9.75	-13.70	1.97	20.17	1.13	8.45	9.58

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 26, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ac-20 (SDM)

[Standard Power mode]

11ac-20 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	6.96	6.00	12.97	11.13	23.97	12.84	7.83	7.79	15.62	11.94	29.97	18.03
5220	6.51	5.80	12.31	10.90	23.97	13.07	7.32	7.53	14.85	11.72	29.97	18.25
5240	7.32	6.71	14.03	11.47	23.97	12.50	8.23	8.71	16.94	12.29	29.97	17.68
5260	7.44	6.70	14.13	11.50	23.97	12.47	8.36	8.69	17.05	12.32	29.97	17.65
5300	7.52	6.58	14.10	11.49	23.97	12.48	8.45	8.54	16.99	12.30	29.97	17.67
5320	7.23	6.37	13.60	11.34	23.97	12.63	8.13	8.27	16.39	12.15	29.97	17.82
5500	7.40	7.31	14.70	11.67	23.97	12.30	8.32	9.48	17.80	12.50	29.97	17.47
5580	6.86	7.07	13.93	11.44	23.97	12.53	7.71	9.17	16.88	12.28	29.97	17.69
5700	6.11	5.97	12.07	10.82	23.97	13.15	6.87	7.74	14.61	11.65	29.97	18.32
5720	6.53	6.38	12.90	11.11	23.97	12.86	7.34	8.27	15.61	11.93	29.97	18.04
5745	7.49	6.86	14.35	11.57	30.00	18.43	8.42	8.90	17.32	12.39	36.00	23.61
5785	7.81	7.13	14.94	11.74	30.00	18.26	8.78	9.25	18.03	12.56	36.00	23.44
5825	7.50	6.88	14.38	11.58	30.00	18.42	8.43	8.92	17.36	12.39	36.00	23.61

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-13.65	1.91	20.17	0.51	8.43	8.94	-14.34	1.95	20.18	1.13	7.78	8.91
5220	0.00	-13.94	1.91	20.17	0.51	8.14	8.65	-14.49	1.95	20.18	1.13	7.64	8.77
5240	0.00	-13.43	1.91	20.17	0.51	8.64	9.15	-13.86	1.95	20.18	1.13	8.27	9.40
5260	0.00	-13.37	1.91	20.17	0.51	8.71	9.22	-13.88	1.96	20.18	1.13	8.26	9.39
5300	0.00	-13.32	1.91	20.17	0.51	8.76	9.27	-13.96	1.96	20.18	1.13	8.18	9.31
5320	0.00	-13.49	1.91	20.17	0.51	8.59	9.10	-14.10	1.97	20.18	1.13	8.04	9.17
5500	0.00	-13.33	1.94	20.08	0.51	8.69	9.20	-13.50	2.03	20.11	1.13	8.64	9.77
5580	0.00	-13.37	1.93	19.80	0.51	8.36	8.87	-13.42	2.01	19.90	1.13	8.49	9.62
5700	0.00	-13.75	1.91	19.69	0.51	7.86	8.37	-14.14	1.99	19.91	1.13	7.76	8.89
5720	0.00	-13.93	1.91	20.17	0.51	8.15	8.66	-14.11	1.98	20.17	1.13	8.05	9.18
5745	0.00	-13.35	1.93	20.17	0.51	8.74	9.25	-13.81	2.00	20.17	1.13	8.36	9.49
5785	0.00	-13.16	1.92	20.17	0.51	8.93	9.44	-13.63	1.99	20.17	1.13	8.53	9.66
5825	0.00	-13.33	1.91	20.17	0.51	8.75	9.26	-13.77	1.97	20.17	1.13	8.38	9.51

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (20.763 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 27, 2023
Temperature / Humidity	25 deg. C / 44 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDM) (CDD)

[Standard Power mode]

11ax-20 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	6.92	6.06	12.98	11.13	23.97	12.84	8.97	7.86	16.83	12.26	29.97	17.71
5220	6.59	5.87	12.46	10.95	23.97	13.02	8.54	7.61	16.16	12.08	29.97	17.89
5240	7.51	6.88	14.39	11.58	23.97	12.39	9.74	8.93	18.67	12.71	29.97	17.26
5260	7.28	6.58	13.86	11.42	23.97	12.55	9.45	8.53	17.98	12.55	29.97	17.42
5300	7.48	6.40	13.88	11.43	23.97	12.54	9.71	8.30	18.01	12.56	29.97	17.41
5320	7.38	6.45	13.83	11.41	23.97	12.56	9.57	8.36	17.93	12.54	29.97	17.43
5500	7.48	7.31	14.79	11.70	23.97	12.27	9.71	9.48	19.19	12.83	29.97	17.14
5580	6.92	6.99	13.91	11.43	23.97	12.54	8.98	9.07	18.05	12.56	29.97	17.41
5700	5.98	6.03	12.02	10.80	23.97	13.17	7.76	7.83	15.59	11.93	29.97	18.04
5720	6.68	6.45	13.13	11.18	23.97	12.79	8.66	8.37	17.03	12.31	29.97	17.66
5745	7.45	7.00	14.46	11.60	30.00	18.40	9.67	9.09	18.75	12.73	36.00	23.27
5785	7.76	7.10	14.85	11.72	30.00	18.28	10.06	9.20	19.26	12.85	36.00	23.15
5825	7.39	7.14	14.53	11.62	30.00	18.38	9.59	9.26	18.85	12.75	36.00	23.25

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-13.68	1.91	20.17	1.13	8.40	9.53	-14.30	1.95	20.18	1.13	7.82	8.95
5220	0.00	-13.89	1.91	20.17	1.13	8.19	9.32	-14.44	1.95	20.18	1.13	7.69	8.82
5240	0.00	-13.32	1.91	20.17	1.13	8.75	9.88	-13.75	1.95	20.18	1.13	8.38	9.51
5260	0.00	-13.46	1.91	20.17	1.13	8.62	9.75	-13.96	1.96	20.18	1.13	8.18	9.31
5300	0.00	-13.34	1.91	20.17	1.13	8.74	9.87	-14.08	1.96	20.18	1.13	8.06	9.19
5320	0.00	-13.40	1.91	20.17	1.13	8.68	9.81	-14.05	1.97	20.18	1.13	8.09	9.22
5500	0.00	-13.28	1.94	20.08	1.13	8.74	9.87	-13.50	2.03	20.11	1.13	8.64	9.77
5580	0.00	-13.33	1.93	19.80	1.13	8.40	9.53	-13.47	2.01	19.90	1.13	8.44	9.57
5700	0.00	-13.84	1.91	19.69	1.13	7.77	8.90	-14.09	1.99	19.91	1.13	7.81	8.94
5720	0.00	-13.83	1.91	20.17	1.13	8.25	9.38	-14.06	1.98	20.17	1.13	8.10	9.23
5745	0.00	-13.37	1.93	20.17	1.13	8.72	9.85	-13.72	2.00	20.17	1.13	8.45	9.58
5785	0.00	-13.19	1.92	20.17	1.13	8.90	10.03	-13.65	1.99	20.17	1.13	8.51	9.64
5825	0.00	-13.39	1.91	20.17	1.13	8.69	9.82	-13.61	1.97	20.17	1.13	8.54	9.67

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (21.869 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 27, 2023
Temperature / Humidity	25 deg. C / 44 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDM) (SDM)

[Standard Power mode]

11ax-20 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	7.00	6.07	13.07	11.16	23.97	12.81	7.87	7.88	15.75	11.97	29.97	18.00
5220	6.59	6.05	12.64	11.02	23.97	12.95	7.41	7.85	15.25	11.83	29.97	18.14
5240	7.34	6.82	14.16	11.51	23.97	12.46	8.25	8.85	17.10	12.33	29.97	17.64
5260	7.25	6.76	14.01	11.46	23.97	12.51	8.15	8.77	16.92	12.28	29.97	17.69
5300	7.60	6.58	14.18	11.52	23.97	12.45	8.55	8.54	17.09	12.33	29.97	17.64
5320	7.59	6.49	14.08	11.49	23.97	12.48	8.53	8.42	16.95	12.29	29.97	17.68
5500	7.62	7.34	14.96	11.75	23.97	12.22	0.05	9.52	9.57	9.81	29.97	20.16
5580	6.88	7.20	14.08	11.48	23.97	12.49	0.05	9.34	9.39	9.73	29.97	20.24
5700	6.09	6.10	12.20	10.86	23.97	13.11	6.85	7.92	14.77	11.69	29.97	18.28
5720	6.57	6.30	12.87	11.10	23.97	12.87	7.39	8.18	15.56	11.92	29.97	18.05
5745	7.63	6.99	14.61	11.65	30.00	18.35	8.58	9.07	17.64	12.47	36.00	23.53
5785	7.77	7.05	14.82	11.71	30.00	18.29	8.74	9.14	17.88	12.52	36.00	23.48
5825	7.50	7.15	14.65	11.66	30.00	18.34	8.43	9.28	17.71	12.48	36.00	23.52

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	0.00	-13.63	1.91	20.17	0.51	8.45	8.96	-14.29	1.95	20.18	1.13	7.83	8.96
5220	0.00	-13.89	1.91	20.17	0.51	8.19	8.70	-14.31	1.95	20.18	1.13	7.82	8.95
5240	0.00	-13.42	1.91	20.17	0.51	8.65	9.16	-13.79	1.95	20.18	1.13	8.34	9.47
5260	0.00	-13.48	1.91	20.17	0.51	8.60	9.11	-13.84	1.96	20.18	1.13	8.30	9.43
5300	0.00	-13.27	1.91	20.17	0.51	8.81	9.32	-13.96	1.96	20.18	1.13	8.18	9.31
5320	0.00	-13.28	1.91	20.17	0.51	8.80	9.31	-14.02	1.97	20.18	1.13	8.12	9.25
5500	0.00	-13.20	1.94	20.08	0.51	8.82	-13.36	-13.48	2.03	20.11	1.13	8.66	9.79
5580	0.00	-13.36	1.93	19.80	0.51	8.37	-13.00	-13.34	2.01	19.90	1.13	8.57	9.70
5700	0.00	-13.76	1.91	19.69	0.51	7.85	8.36	-14.04	1.99	19.91	1.13	7.86	8.99
5720	0.00	-13.90	1.91	20.17	0.51	8.18	8.69	-14.16	1.98	20.17	1.13	8.00	9.13
5745	0.00	-13.27	1.93	20.17	0.51	8.82	9.33	-13.73	2.00	20.17	1.13	8.44	9.57
5785	0.00	-13.18	1.92	20.17	0.51	8.91	9.42	-13.68	1.99	20.17	1.13	8.48	9.61
5825	0.00	-13.33	1.91	20.17	0.51	8.75	9.26	-13.60	1.97	20.17	1.13	8.55	9.68

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (21.869 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 26-tone RU (CDD)

[Standard Power mode]

11ax-20 (OFDMA)(CDD) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5260	0	6.80	5.77	12.57	10.99	23.75	12.76	8.83	7.48	16.31	12.12	29.97	17.85
	4	6.05	5.21	11.26	10.52	23.75	13.23	7.85	6.76	14.61	11.65	29.97	18.32
	8	6.79	6.07	12.86	11.09	23.75	12.66	8.81	7.87	16.68	12.22	29.97	17.75
5300	0	6.87	5.76	12.62	11.01	23.75	12.74	8.91	7.47	16.38	12.14	29.97	17.83
	4	6.19	5.18	11.37	10.56	23.75	13.19	8.03	6.72	14.75	11.69	29.97	18.28
	8	6.90	5.95	12.84	11.09	23.75	12.66	8.95	7.72	16.66	12.22	29.97	17.75
5320	0	6.77	5.67	12.44	10.95	23.75	12.80	8.78	7.35	16.14	12.08	29.97	17.89
	4	6.39	5.15	11.54	10.62	23.75	13.13	8.29	6.68	14.97	11.75	29.97	18.22
	8	6.62	5.81	12.43	10.94	23.75	12.81	8.58	7.54	16.12	12.07	29.97	17.90

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5260	0	0.00	-13.76	1.92	20.17	1.13	8.33	9.46	-14.54	1.97	20.18	1.13	7.61	8.74
	4	0.00	-14.27	1.92	20.17	1.13	7.82	8.95	-14.98	1.97	20.18	1.13	7.17	8.30
	8	0.00	-13.77	1.92	20.17	1.13	8.32	9.45	-14.32	1.97	20.18	1.13	7.83	8.96
5300	0	0.00	-13.72	1.92	20.17	1.13	8.37	9.50	-14.55	1.98	20.18	1.13	7.60	8.73
	4	0.00	-14.17	1.92	20.17	1.13	7.92	9.05	-15.01	1.98	20.18	1.13	7.14	8.27
	8	0.00	-13.70	1.92	20.17	1.13	8.39	9.52	-14.41	1.98	20.18	1.13	7.74	8.87
5320	0	0.00	-13.78	1.92	20.17	1.13	8.31	9.44	-14.62	1.98	20.17	1.13	7.54	8.67
	4	0.00	-14.03	1.92	20.17	1.13	8.06	9.19	-15.04	1.98	20.17	1.13	7.12	8.25
	8	0.00	-13.88	1.92	20.17	1.13	8.21	9.34	-14.51	1.98	20.17	1.13	7.65	8.78

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (18.844 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 26-tone RU (CDD)

[Standard Power mode]

11ax-20 (OFDMA)(CDD) 26-tone RU
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	0	6.88	6.67	13.56	11.32	23.75	12.43	8.93	8.66	17.58	12.45	29.97	17.52
	4	6.26	6.14	12.41	10.94	23.75	12.81	8.12	7.97	16.09	12.07	29.97	17.90
	8	6.98	6.88	13.85	11.42	23.75	12.33	9.05	8.92	17.97	12.55	29.97	17.42
5580	0	6.31	6.65	12.96	11.13	23.75	12.62	8.18	8.63	16.81	12.26	29.97	17.71
	4	5.78	6.14	11.91	10.76	23.75	12.99	7.49	7.96	15.45	11.89	29.97	18.08
	8	6.31	7.00	13.30	11.24	23.75	12.51	8.18	9.08	17.26	12.37	29.97	17.60
5700	0	5.93	5.57	11.50	10.61	23.75	13.14	7.70	7.22	14.92	11.74	29.97	18.23
	4	5.41	5.07	10.48	10.20	23.75	13.55	7.02	6.57	13.59	11.33	29.97	18.64
	8	5.97	5.91	11.89	10.75	23.75	13.00	7.75	7.67	15.42	11.88	29.97	18.09
5720	0	5.79	5.38	11.17	10.48	23.75	13.27	7.52	6.97	14.49	11.61	29.97	18.36
	4	5.37	5.16	10.53	10.22	23.75	13.53	6.97	6.69	13.66	11.35	29.97	18.62
	8	5.94	5.84	11.78	10.71	23.75	13.04	7.71	7.58	15.28	11.84	29.97	18.13
5745	0	6.77	6.30	13.07	11.16	30.00	18.84	8.79	8.17	16.96	12.29	36.00	23.71
	4	6.12	5.83	11.95	10.77	30.00	19.23	7.94	7.56	15.50	11.90	36.00	24.10
	8	6.96	6.74	13.70	11.37	30.00	18.63	9.03	8.74	17.77	12.50	36.00	23.50
5785	0	7.07	5.99	13.05	11.16	30.00	18.84	9.17	7.76	16.93	12.29	36.00	23.71
	4	6.56	5.69	12.25	10.88	30.00	19.12	8.51	7.38	15.90	12.01	36.00	23.99
	8	7.47	6.61	14.08	11.48	30.00	18.52	9.69	8.57	18.26	12.61	36.00	23.39
5825	0	6.86	6.25	13.11	11.18	30.00	18.82	8.90	8.11	17.01	12.31	36.00	23.69
	4	6.03	5.56	11.59	10.64	30.00	19.36	7.83	7.21	15.03	11.77	36.00	24.23
	8	6.72	6.43	13.15	11.19	30.00	18.81	8.72	8.33	17.05	12.32	36.00	23.68

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	0	0.00	-13.73	1.94	20.17	1.13	8.38	9.51	-13.96	2.03	20.17	1.13	8.24	9.37
	4	0.00	-14.14	1.94	20.17	1.13	7.97	9.10	-14.32	2.03	20.17	1.13	7.88	9.01
	8	0.00	-13.67	1.94	20.17	1.13	8.44	9.57	-13.83	2.03	20.17	1.13	8.37	9.50
5580	0	0.00	-14.10	1.93	20.16	1.13	8.00	9.13	-13.96	2.02	20.17	1.13	8.23	9.36
	4	0.00	-14.48	1.93	20.16	1.13	7.62	8.75	-14.31	2.02	20.17	1.13	7.88	9.01
	8	0.00	-14.10	1.93	20.16	1.13	8.00	9.13	-13.74	2.02	20.17	1.13	8.45	9.58
5700	0	0.00	-14.35	1.92	20.16	1.13	7.73	8.86	-14.71	1.99	20.17	1.13	7.46	8.59
	4	0.00	-14.75	1.92	20.16	1.13	7.33	8.46	-15.12	1.99	20.17	1.13	7.05	8.18
	8	0.00	-14.32	1.92	20.16	1.13	7.76	8.89	-14.45	1.99	20.17	1.13	7.72	8.85
5720	0	0.00	-14.45	1.92	20.16	1.13	7.63	8.76	-14.86	1.99	20.17	1.13	7.30	8.43
	4	0.00	-14.78	1.92	20.16	1.13	7.30	8.43	-15.04	1.99	20.17	1.13	7.12	8.25
	8	0.00	-14.34	1.92	20.16	1.13	7.74	8.87	-14.50	1.99	20.17	1.13	7.66	8.79
5745	0	0.00	-13.79	1.94	20.16	1.13	8.31	9.44	-14.19	2.01	20.17	1.13	7.99	9.12
	4	0.00	-14.23	1.94	20.16	1.13	7.87	9.00	-14.53	2.01	20.17	1.13	7.65	8.78
	8	0.00	-13.67	1.94	20.16	1.13	8.43	9.56	-13.90	2.01	20.17	1.13	8.28	9.41
5785	0	0.00	-13.60	1.93	20.16	1.13	8.49	9.62	-14.40	2.00	20.17	1.13	7.77	8.90
	4	0.00	-13.92	1.93	20.16	1.13	8.17	9.30	-14.62	2.00	20.17	1.13	7.55	8.68
	8	0.00	-13.36	1.93	20.16	1.13	8.73	9.86	-13.97	2.00	20.17	1.13	8.20	9.33
5825	0	0.00	-13.72	1.93	20.16	1.13	8.37	9.50	-14.20	1.98	20.17	1.13	7.96	9.09
	4	0.00	-14.28	1.93	20.16	1.13	7.81	8.94	-14.71	1.98	20.17	1.13	7.45	8.58
	8	0.00	-13.81	1.93	20.16	1.13	8.28	9.41	-14.08	1.98	20.17	1.13	8.08	9.21

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (18.844 MHz) as conservative limit.

* 1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 26-tone RU (SDM)

[Standard Power mode]

11ax-20 (OFDMA)(SDM) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5260	0	7.33	6.67	13.99	11.46	23.75	12.29	8.24	8.65	16.89	12.28	29.97	17.69
	4	6.73	6.02	12.75	11.06	23.75	12.69	7.57	7.82	15.38	11.87	29.97	18.10
	8	7.51	6.97	14.48	11.61	23.75	12.14	8.45	9.04	17.48	12.43	29.97	17.54
5300	0	7.61	6.78	14.40	11.58	23.75	12.17	8.56	8.80	17.36	12.40	29.97	17.57
	4	6.96	6.07	13.03	11.15	23.75	12.60	7.83	7.88	15.70	11.96	29.97	18.01
	8	7.46	6.74	14.19	11.52	23.75	12.23	8.39	8.74	17.12	12.34	29.97	17.63
5320	0	7.44	6.85	14.29	11.55	23.75	12.20	8.37	8.88	17.25	12.37	29.97	17.60
	4	6.83	5.81	12.65	11.02	23.75	12.73	7.68	7.54	15.23	11.83	29.97	18.14
	8	7.44	6.63	14.07	11.48	23.75	12.27	8.37	8.60	16.97	12.30	29.97	17.67

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5260	0	0.00	-13.44	1.92	20.17	0.51	8.65	9.16	-13.91	1.97	20.18	1.13	8.24	9.37
	4	0.00	-13.81	1.92	20.17	0.51	8.28	8.79	-14.35	1.97	20.18	1.13	7.80	8.93
	8	0.00	-13.33	1.92	20.17	0.51	8.76	9.27	-13.72	1.97	20.18	1.13	8.43	9.56
5300	0	0.00	-13.27	1.92	20.17	0.51	8.82	9.33	-13.84	1.98	20.18	1.13	8.31	9.44
	4	0.00	-13.66	1.92	20.17	0.51	8.43	8.94	-14.32	1.98	20.18	1.13	7.83	8.96
	8	0.00	-13.36	1.92	20.17	0.51	8.73	9.24	-13.87	1.98	20.18	1.13	8.28	9.41
5320	0	0.00	-13.37	1.92	20.17	0.51	8.72	9.23	-13.80	1.98	20.17	1.13	8.36	9.49
	4	0.00	-13.74	1.92	20.17	0.51	8.35	8.86	-14.51	1.98	20.17	1.13	7.65	8.78
	8	0.00	-13.37	1.92	20.17	0.51	8.72	9.23	-13.94	1.98	20.17	1.13	8.22	9.35

Sample Calculation:

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

e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (18.844 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 26-tone RU (SDM)

[Standard Power mode]

11ax-20 (OFDMA)(SDM) 26-tone RU
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	0	6.88	6.86	13.74	11.38	23.75	12.37	7.74	8.90	16.64	12.21	29.97	17.76
	4	6.21	6.26	12.46	10.96	23.75	12.79	6.98	8.12	15.09	11.79	29.97	18.18
	8	6.76	6.73	13.49	11.30	23.75	12.45	7.60	8.74	16.34	12.13	29.97	17.84
5580	0	6.23	6.84	13.07	11.16	23.75	12.59	7.01	8.87	15.88	12.01	29.97	17.96
	4	5.42	6.22	11.64	10.66	23.75	13.09	6.09	8.07	14.16	11.51	29.97	18.46
	8	6.23	7.11	13.34	11.25	23.75	12.50	7.01	9.22	16.23	12.10	29.97	17.87
5700	0	5.81	5.87	11.68	10.68	23.75	13.07	6.54	7.62	14.15	11.51	29.97	18.46
	4	5.36	5.17	10.53	10.23	23.75	13.52	6.03	6.71	12.74	11.05	29.97	18.92
	8	5.92	5.80	11.72	10.69	23.75	13.06	6.66	7.53	14.19	11.52	29.97	18.45
5720	0	5.74	5.62	11.36	10.55	23.75	13.20	6.46	7.28	13.74	11.38	29.97	18.59
	4	5.06	5.17	10.23	10.10	23.75	13.65	5.69	6.71	12.39	10.93	29.97	19.04
	8	5.81	5.79	11.59	10.64	23.75	13.11	6.53	7.51	14.04	11.47	29.97	18.50
5745	0	6.76	6.37	13.13	11.18	30.00	18.82	7.60	8.27	15.87	12.00	36.00	24.00
	4	6.85	6.40	13.25	11.22	30.00	18.78	7.71	8.31	16.01	12.04	36.00	23.96
	8	6.77	6.58	13.36	11.26	30.00	18.74	7.62	8.54	16.16	12.08	36.00	23.92
5785	0	7.20	6.46	13.66	11.35	30.00	18.65	8.09	8.38	16.47	12.17	36.00	23.83
	4	6.53	5.90	12.44	10.95	30.00	19.05	7.35	7.66	15.01	11.76	36.00	24.24
	8	7.38	6.50	13.88	11.43	30.00	18.57	8.30	8.44	16.74	12.24	36.00	23.76
5825	0	6.63	6.22	12.85	11.09	30.00	18.91	7.46	8.07	15.53	11.91	36.00	24.09
	4	6.03	5.69	11.72	10.69	30.00	19.31	6.78	7.38	14.16	11.51	36.00	24.49
	8	6.75	6.54	13.30	11.24	30.00	18.76	7.59	8.49	16.08	12.06	36.00	23.94

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	0	0.00	-13.73	1.94	20.17	0.51	8.38	8.89	-13.84	2.03	20.17	1.13	8.36	9.49
	4	0.00	-14.18	1.94	20.17	0.51	7.93	8.44	-14.24	2.03	20.17	1.13	7.96	9.09
	8	0.00	-13.81	1.94	20.17	0.51	8.30	8.81	-13.92	2.03	20.17	1.13	8.28	9.41
5580	0	0.00	-14.15	1.93	20.16	0.51	7.95	8.46	-13.84	2.02	20.17	1.13	8.35	9.48
	4	0.00	-14.76	1.93	20.16	0.51	7.34	7.85	-14.25	2.02	20.17	1.13	7.94	9.07
	8	0.00	-14.15	1.93	20.16	0.51	7.95	8.46	-13.67	2.02	20.17	1.13	8.52	9.65
5700	0	0.00	-14.44	1.92	20.16	0.51	7.64	8.15	-14.48	1.99	20.17	1.13	7.69	8.82
	4	0.00	-14.79	1.92	20.16	0.51	7.29	7.80	-15.03	1.99	20.17	1.13	7.14	8.27
	8	0.00	-14.36	1.92	20.16	0.51	7.72	8.23	-14.53	1.99	20.17	1.13	7.64	8.77
5720	0	0.00	-14.49	1.92	20.16	0.51	7.59	8.10	-14.67	1.99	20.17	1.13	7.49	8.62
	4	0.00	-15.04	1.92	20.16	0.51	7.04	7.55	-15.03	1.99	20.17	1.13	7.13	8.26
	8	0.00	-14.44	1.92	20.16	0.51	7.64	8.15	-14.54	1.99	20.17	1.13	7.62	8.75
5745	0	0.00	-13.80	1.94	20.16	0.51	8.30	8.81	-14.14	2.01	20.17	1.13	8.04	9.17
	4	0.00	-13.74	1.94	20.16	0.51	8.36	8.87	-14.12	2.01	20.17	1.13	8.06	9.19
	8	0.00	-13.79	1.94	20.16	0.51	8.31	8.82	-14.00	2.01	20.17	1.13	8.18	9.31
5785	0	0.00	-13.52	1.93	20.16	0.51	8.57	9.08	-14.07	2.00	20.17	1.13	8.10	9.23
	4	0.00	-13.94	1.93	20.16	0.51	8.15	8.66	-14.46	2.00	20.17	1.13	7.71	8.84
	8	0.00	-13.41	1.93	20.16	0.51	8.68	9.19	-14.04	2.00	20.17	1.13	8.13	9.26
5825	0	0.00	-13.87	1.93	20.16	0.51	8.22	8.73	-14.22	1.98	20.17	1.13	7.94	9.07
	4	0.00	-14.28	1.93	20.16	0.51	7.81	8.32	-14.61	1.98	20.17	1.13	7.55	8.68
	8	0.00	-13.79	1.93	20.16	0.51	8.30	8.81	-14.00	1.98	20.17	1.13	8.16	9.29

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (18.844 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (CDD)

[Standard Power mode]

11ax-20 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5260	37	7.24	6.53	13.77	11.39	23.90	12.51	9.39	8.47	17.86	12.52	29.97	17.45
	38	6.79	6.11	12.90	11.11	23.90	12.79	8.81	7.92	16.73	12.24	29.97	17.73
	40	7.09	6.46	13.55	11.32	23.90	12.58	9.20	8.37	17.58	12.45	29.97	17.52
5300	37	7.22	6.29	13.51	11.31	23.90	12.59	9.37	8.15	17.52	12.44	29.97	17.53
	38	7.03	5.91	12.93	11.12	23.90	12.78	9.11	7.66	16.77	12.25	29.97	17.72
	40	7.41	6.58	13.99	11.46	23.90	12.44	9.61	8.54	18.15	12.59	29.97	17.38
5320	37	7.19	6.16	13.35	11.25	23.90	12.65	9.32	7.99	17.31	12.38	29.97	17.59
	38	6.60	6.03	12.63	11.02	23.90	12.88	8.56	7.83	16.39	12.15	29.97	17.82
	40	7.07	6.23	13.30	11.24	23.90	12.66	9.17	8.08	17.26	12.37	29.97	17.60

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5260	37	0.00	-13.49	1.92	20.17	1.13	8.60	9.73	-14.00	1.97	20.18	1.13	8.15	9.28
	38	0.00	-13.77	1.92	20.17	1.13	8.32	9.45	-14.29	1.97	20.18	1.13	7.86	8.99
	40	0.00	-13.58	1.92	20.17	1.13	8.51	9.64	-14.05	1.97	20.18	1.13	8.10	9.23
5300	37	0.00	-13.50	1.92	20.17	1.13	8.59	9.72	-14.17	1.98	20.18	1.13	7.98	9.11
	38	0.00	-13.62	1.92	20.17	1.13	8.47	9.60	-14.44	1.98	20.18	1.13	7.71	8.84
	40	0.00	-13.39	1.92	20.17	1.13	8.70	9.83	-13.97	1.98	20.18	1.13	8.18	9.31
5320	37	0.00	-13.52	1.92	20.17	1.13	8.57	9.70	-14.26	1.98	20.17	1.13	7.90	9.03
	38	0.00	-13.89	1.92	20.17	1.13	8.20	9.33	-14.35	1.98	20.17	1.13	7.81	8.94
	40	0.00	-13.59	1.92	20.17	1.13	8.50	9.63	-14.21	1.98	20.17	1.13	7.95	9.08

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (19.500 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (CDD)

[Standard Power mode]

11ax-20 (OFDMA)(CDD) 52-tone RU
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	37	7.58	7.28	14.87	11.72	23.90	12.18	9.84	9.45	19.28	12.85	29.97	17.12
	38	7.14	6.77	13.91	11.43	23.90	12.47	9.26	8.78	18.04	12.56	29.97	17.41
	40	7.44	6.99	14.43	11.59	23.90	12.31	9.66	9.06	18.72	12.72	29.97	17.25
5580	37	7.12	6.87	13.99	11.46	23.90	12.44	9.24	8.91	18.15	12.59	29.97	17.38
	38	6.84	7.18	14.01	11.46	23.90	12.44	8.87	9.31	18.18	12.59	29.97	17.38
	40	7.14	6.92	14.06	11.48	23.90	12.42	9.26	8.97	18.24	12.61	29.97	17.36
5700	37	6.76	6.19	12.96	11.12	23.90	12.78	8.78	8.03	16.81	12.25	29.97	17.72
	38	6.37	6.12	12.49	10.97	23.90	12.93	8.27	7.94	16.20	12.10	29.97	17.87
	40	6.64	6.26	12.90	11.11	23.90	12.79	8.61	8.12	16.74	12.24	29.97	17.73
5720	37	6.61	6.06	12.67	11.03	23.90	12.87	8.57	7.86	16.43	12.16	29.97	17.81
	38	6.17	5.92	12.09	10.82	23.90	13.08	8.00	7.68	15.68	11.95	29.97	18.02
	40	6.62	6.42	13.04	11.15	23.90	12.75	8.59	8.33	16.92	12.28	29.97	17.69
5745	37	6.45	5.96	12.41	10.94	30.00	19.06	8.37	7.73	16.10	12.07	36.00	23.93
	38	6.06	5.71	11.77	10.71	30.00	19.29	7.87	7.40	15.27	11.84	36.00	24.16
	40	6.35	6.00	12.35	10.92	30.00	19.08	8.24	7.79	16.02	12.05	36.00	23.95
5785	37	6.89	5.97	12.86	11.09	30.00	18.91	8.94	7.75	16.68	12.22	36.00	23.78
	38	6.50	5.89	12.39	10.93	30.00	19.07	8.44	7.64	16.08	12.06	36.00	23.94
	40	7.10	6.28	13.38	11.26	30.00	18.74	9.21	8.15	17.36	12.39	36.00	23.61
5825	37	6.54	6.09	12.63	11.01	30.00	18.99	8.48	7.90	16.39	12.14	36.00	23.86
	38	5.90	5.65	11.54	10.62	30.00	19.38	7.65	7.33	14.97	11.75	36.00	24.25
	40	6.38	6.19	12.57	10.99	30.00	19.01	8.27	8.03	16.30	12.12	36.00	23.88

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	37	0.00	-13.31	1.94	20.17	1.13	8.80	9.93	-13.58	2.03	20.17	1.13	8.62	9.75
	38	0.00	-13.57	1.94	20.17	1.13	8.54	9.67	-13.90	2.03	20.17	1.13	8.30	9.43
	40	0.00	-13.39	1.94	20.17	1.13	8.72	9.85	-13.76	2.03	20.17	1.13	8.44	9.57
5580	37	0.00	-13.57	1.93	20.16	1.13	8.53	9.66	-13.82	2.02	20.17	1.13	8.37	9.50
	38	0.00	-13.75	1.93	20.16	1.13	8.35	9.48	-13.63	2.02	20.17	1.13	8.56	9.69
	40	0.00	-13.56	1.93	20.16	1.13	8.54	9.67	-13.79	2.02	20.17	1.13	8.40	9.53
5700	37	0.00	-13.78	1.92	20.16	1.13	8.30	9.43	-14.25	1.99	20.17	1.13	7.92	9.05
	38	0.00	-14.04	1.92	20.16	1.13	8.04	9.17	-14.30	1.99	20.17	1.13	7.87	9.00
	40	0.00	-13.86	1.92	20.16	1.13	8.22	9.35	-14.20	1.99	20.17	1.13	7.97	9.10
5720	37	0.00	-13.88	1.92	20.16	1.13	8.20	9.33	-14.34	1.99	20.17	1.13	7.82	8.95
	38	0.00	-14.18	1.92	20.16	1.13	7.90	9.03	-14.44	1.99	20.17	1.13	7.72	8.85
	40	0.00	-13.87	1.92	20.16	1.13	8.21	9.34	-14.09	1.99	20.17	1.13	8.07	9.20
5745	37	0.00	-14.00	1.94	20.16	1.13	8.10	9.23	-14.43	2.01	20.17	1.13	7.75	8.88
	38	0.00	-14.27	1.94	20.16	1.13	7.83	8.96	-14.62	2.01	20.17	1.13	7.56	8.69
	40	0.00	-14.07	1.94	20.16	1.13	8.03	9.16	-14.40	2.01	20.17	1.13	7.78	8.91
5785	37	0.00	-13.71	1.93	20.16	1.13	8.38	9.51	-14.41	2.00	20.17	1.13	7.76	8.89
	38	0.00	-13.96	1.93	20.16	1.13	8.13	9.26	-14.47	2.00	20.17	1.13	7.70	8.83
	40	0.00	-13.58	1.93	20.16	1.13	8.51	9.64	-14.19	2.00	20.17	1.13	7.98	9.11
5825	37	0.00	-13.93	1.93	20.16	1.13	8.16	9.29	-14.31	1.98	20.17	1.13	7.85	8.98
	38	0.00	-14.38	1.93	20.16	1.13	7.71	8.84	-14.64	1.98	20.17	1.13	7.52	8.65
	40	0.00	-14.04	1.93	20.16	1.13	8.05	9.18	-14.24	1.98	20.17	1.13	7.92	9.05

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (19.500 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (SDM)

[Standard Power mode]

11ax-20 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5260	37	7.46	6.61	14.07	11.48	23.90	12.42	8.39	8.57	16.96	12.29	29.97	17.68
	38	7.01	6.38	13.39	11.27	23.90	12.63	7.89	8.28	16.16	12.09	29.97	17.88
	40	7.46	6.74	14.21	11.52	23.90	12.38	8.39	8.75	17.14	12.34	29.97	17.63
5300	37	7.77	6.46	14.24	11.53	23.90	12.37	8.74	8.38	17.12	12.34	29.97	17.63
	38	7.29	6.30	13.59	11.33	23.90	12.57	8.20	8.17	16.37	12.14	29.97	17.83
	40	7.81	6.46	14.27	11.54	23.90	12.36	8.78	8.38	17.17	12.35	29.97	17.62
5320	37	7.44	6.49	13.93	11.44	23.90	12.46	8.37	8.42	16.79	12.25	29.97	17.72
	38	6.96	6.03	12.99	11.14	23.90	12.76	7.83	7.83	15.65	11.95	29.97	18.02
	40	7.34	6.42	13.76	11.39	23.90	12.51	8.25	8.33	16.58	12.20	29.97	17.77

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5260	37	0.00	-13.36	1.92	20.17	0.51	8.73	9.24	-13.95	1.97	20.18	1.13	8.20	9.33
	38	0.00	-13.63	1.92	20.17	0.51	8.46	8.97	-14.10	1.97	20.18	1.13	8.05	9.18
	40	0.00	-13.36	1.92	20.17	0.51	8.73	9.24	-13.86	1.97	20.18	1.13	8.29	9.42
5300	37	0.00	-13.18	1.92	20.17	0.51	8.91	9.42	-14.05	1.98	20.18	1.13	8.10	9.23
	38	0.00	-13.46	1.92	20.17	0.51	8.63	9.14	-14.16	1.98	20.18	1.13	7.99	9.12
	40	0.00	-13.16	1.92	20.17	0.51	8.93	9.44	-14.05	1.98	20.18	1.13	8.10	9.23
5320	37	0.00	-13.37	1.92	20.17	0.51	8.72	9.23	-14.03	1.98	20.17	1.13	8.13	9.26
	38	0.00	-13.66	1.92	20.17	0.51	8.43	8.94	-14.35	1.98	20.17	1.13	7.81	8.94
	40	0.00	-13.43	1.92	20.17	0.51	8.66	9.17	-14.08	1.98	20.17	1.13	8.08	9.21

Sample Calculation:

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

e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (19.500 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 18, 2024
Temperature / Humidity	23 deg. C / 38 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-20 (OFDMA) 52-tone RU (SDM)

[Standard Power mode]

11ax-20 (OFDMA)(SDM) 52-tone RU
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	37	7.60	7.04	14.64	11.65	23.90	12.25	8.55	9.13	17.67	12.47	29.97	17.50
	38	7.39	6.89	14.28	11.55	23.90	12.35	8.31	8.94	17.25	12.37	29.97	17.60
	40	7.69	7.32	15.00	11.76	23.90	12.14	8.65	9.49	18.14	12.59	29.97	17.38
5580	37	7.32	7.43	14.75	11.69	23.90	12.21	8.24	9.64	17.87	12.52	29.97	17.45
	38	7.06	7.19	14.25	11.54	23.90	12.36	7.94	9.33	17.27	12.37	29.97	17.60
	40	7.39	7.57	14.96	11.75	23.90	12.15	8.31	9.82	18.13	12.58	29.97	17.39
5700	37	6.92	6.28	13.20	11.21	23.90	12.69	7.78	8.14	15.93	12.02	29.97	17.95
	38	6.37	6.01	12.38	10.93	23.90	12.97	7.17	7.79	14.96	11.75	29.97	18.22
	40	6.80	6.44	13.23	11.22	23.90	12.68	7.64	8.35	15.99	12.04	29.97	17.93
5720	37	6.70	6.27	12.97	11.13	23.90	12.77	7.53	8.14	15.67	11.95	29.97	18.02
	38	6.44	5.99	12.43	10.95	23.90	12.95	7.24	7.77	15.01	11.77	29.97	18.20
	40	6.73	6.52	13.25	11.22	23.90	12.68	7.57	8.46	16.03	12.05	29.97	17.92
5745	37	7.43	6.88	14.30	11.55	30.00	18.45	8.35	8.92	17.27	12.37	36.00	23.63
	38	7.09	6.58	13.67	11.36	30.00	18.64	7.98	8.54	16.51	12.18	36.00	23.82
	40	7.56	7.18	14.75	11.69	30.00	18.31	8.51	9.32	17.83	12.51	36.00	23.49
5785	37	7.73	7.00	14.73	11.68	30.00	18.32	8.69	9.08	17.77	12.50	36.00	23.50
	38	7.57	6.81	14.38	11.58	30.00	18.42	8.51	8.83	17.35	12.39	36.00	23.61
	40	7.91	7.30	15.21	11.82	30.00	18.18	8.89	9.47	18.36	12.64	36.00	23.36
5825	37	7.61	7.03	14.64	11.66	30.00	18.34	8.56	9.12	17.68	12.47	36.00	23.53
	38	7.14	6.71	13.85	11.41	30.00	18.59	8.03	8.71	16.73	12.24	36.00	23.76
	40	7.58	7.08	14.65	11.66	30.00	18.34	8.52	9.18	17.70	12.48	36.00	23.52

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	37	0.00	-13.30	1.94	20.17	0.51	8.81	9.32	-13.73	2.03	20.17	1.13	8.47	9.60
	38	0.00	-13.42	1.94	20.17	0.51	8.69	9.20	-13.82	2.03	20.17	1.13	8.38	9.51
	40	0.00	-13.25	1.94	20.17	0.51	8.86	9.37	-13.56	2.03	20.17	1.13	8.64	9.77
5580	37	0.00	-13.45	1.93	20.16	0.51	8.65	9.16	-13.48	2.02	20.17	1.13	8.71	9.84
	38	0.00	-13.61	1.93	20.16	0.51	8.49	9.00	-13.62	2.02	20.17	1.13	8.57	9.70
	40	0.00	-13.41	1.93	20.16	0.51	8.69	9.20	-13.40	2.02	20.17	1.13	8.79	9.92
5700	37	0.00	-13.68	1.92	20.16	0.51	8.40	8.91	-14.19	1.99	20.17	1.13	7.98	9.11
	38	0.00	-14.04	1.92	20.16	0.51	8.04	8.55	-14.38	1.99	20.17	1.13	7.79	8.92
	40	0.00	-13.76	1.92	20.16	0.51	8.32	8.83	-14.08	1.99	20.17	1.13	8.09	9.22
5720	37	0.00	-13.82	1.92	20.16	0.51	8.26	8.77	-14.19	1.99	20.17	1.13	7.97	9.10
	38	0.00	-13.99	1.92	20.16	0.51	8.09	8.60	-14.39	1.99	20.17	1.13	7.77	8.90
	40	0.00	-13.80	1.92	20.16	0.51	8.28	8.79	-14.02	1.99	20.17	1.13	8.14	9.27
5745	37	0.00	-13.39	1.94	20.16	0.51	8.71	9.22	-13.81	2.01	20.17	1.13	8.37	9.50
	38	0.00	-13.59	1.94	20.16	0.51	8.51	9.02	-14.00	2.01	20.17	1.13	8.18	9.31
	40	0.00	-13.31	1.94	20.16	0.51	8.79	9.30	-13.62	2.01	20.17	1.13	8.56	9.69
5785	37	0.00	-13.21	1.93	20.16	0.51	8.88	9.39	-13.72	2.00	20.17	1.13	8.45	9.58
	38	0.00	-13.30	1.93	20.16	0.51	8.79	9.30	-13.84	2.00	20.17	1.13	8.33	9.46
	40	0.00	-13.11	1.93	20.16	0.51	8.98	9.49	-13.54	2.00	20.17	1.13	8.63	9.76
5825	37	0.00	-13.27	1.93	20.16	0.51	8.82	9.33	-13.69	1.98	20.17	1.13	8.47	9.60
	38	0.00	-13.55	1.93	20.16	0.51	8.54	9.05	-13.89	1.98	20.17	1.13	8.27	9.40
	40	0.00	-13.29	1.93	20.16	0.51	8.80	9.31	-13.66	1.98	20.17	1.13	8.50	9.63

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (19.500 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	August 1, 2023
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDMA) 106-tone RU (CDD)

[Standard Power mode]

11ax-20 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	53	7.02	5.99	13.00	11.14	23.97	12.83	9.10	7.77	16.87	12.27	29.97	17.70
	54	6.73	5.88	12.61	11.01	23.97	12.96	8.73	7.62	16.36	12.14	29.97	17.83
5220	53	6.70	5.88	12.58	11.00	23.97	12.97	8.69	7.63	16.32	12.13	29.97	17.84
	54	6.75	5.89	12.64	11.02	23.97	12.95	8.75	7.64	16.40	12.15	29.97	17.82
5240	53	7.39	6.69	14.09	11.49	23.97	12.48	9.59	8.68	18.28	12.62	29.97	17.35
	54	7.38	6.50	13.88	11.42	23.97	12.55	9.57	8.43	18.00	12.55	29.97	17.42
5260	53	7.33	6.58	13.90	11.43	23.97	12.54	9.50	8.53	18.03	12.56	29.97	17.41
	54	7.33	6.68	14.01	11.46	23.97	12.51	9.50	8.67	18.17	12.59	29.97	17.38
5300	53	7.69	6.46	14.15	11.51	23.97	12.46	9.97	8.38	18.35	12.64	29.97	17.33
	54	7.61	6.42	14.03	11.47	23.97	12.50	9.88	8.32	18.20	12.60	29.97	17.37
5320	53	7.34	6.36	13.70	11.37	23.97	12.60	9.52	8.25	17.77	12.50	29.97	17.47
	54	7.35	6.29	13.64	11.35	23.97	12.62	9.54	8.16	17.70	12.48	29.97	17.49

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	53	0.00	-13.62	1.91	20.17	1.13	8.46	9.59	-14.36	1.96	20.18	1.13	7.77	8.90
	54	0.00	-13.80	1.91	20.17	1.13	8.28	9.41	-14.44	1.96	20.18	1.13	7.69	8.82
5220	53	0.00	-13.82	1.91	20.17	1.13	8.26	9.39	-14.44	1.96	20.18	1.13	7.69	8.82
	54	0.00	-13.79	1.91	20.17	1.13	8.29	9.42	-14.43	1.96	20.18	1.13	7.70	8.83
5240	53	0.00	-13.39	1.91	20.17	1.13	8.69	9.82	-13.88	1.96	20.18	1.13	8.26	9.39
	54	0.00	-13.40	1.91	20.17	1.13	8.68	9.81	-14.01	1.96	20.18	1.13	8.13	9.26
5260	53	0.00	-13.44	1.92	20.17	1.13	8.65	9.78	-13.97	1.97	20.18	1.13	8.18	9.31
	54	0.00	-13.44	1.92	20.17	1.13	8.65	9.78	-13.90	1.97	20.18	1.13	8.25	9.38
5300	53	0.00	-13.23	1.92	20.17	1.13	8.86	9.99	-14.05	1.98	20.18	1.13	8.10	9.23
	54	0.00	-13.27	1.92	20.17	1.13	8.82	9.95	-14.08	1.98	20.18	1.13	8.07	9.20
5320	53	0.00	-13.43	1.92	20.17	1.13	8.66	9.79	-14.12	1.98	20.17	1.13	8.04	9.17
	54	0.00	-13.42	1.92	20.17	1.13	8.67	9.80	-14.17	1.98	20.17	1.13	7.99	9.12

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.612 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	August 1, 2023
Temperature / Humidity	24 deg. C / 55 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-20 (OFDMA) 106-tone RU (CDD)

[Standard Power mode]

11ax-20 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	53	7.78	7.30	15.08	11.78	23.97	12.19	10.09	9.47	19.56	12.91	29.97	17.06
	54	7.81	7.47	15.28	11.84	23.97	12.13	10.13	9.69	19.82	12.97	29.97	17.00
5580	53	7.38	7.43	14.80	11.70	23.97	12.27	9.57	9.64	19.20	12.83	29.97	17.14
	54	7.36	7.58	14.94	11.74	23.97	12.23	9.54	9.84	19.38	12.87	29.97	17.10
5700	53	6.76	6.28	13.04	11.15	23.97	12.82	8.78	8.14	16.92	12.28	29.97	17.69
	54	6.81	6.39	13.21	11.21	23.97	12.76	8.84	8.29	17.13	12.34	29.97	17.63
5720	53	6.44	6.19	12.63	11.01	23.97	12.96	8.36	8.02	16.38	12.14	29.97	17.83
	54	6.55	6.36	12.91	11.11	23.97	12.86	8.49	8.25	16.74	12.24	29.97	17.73
5745	53	6.53	6.29	12.81	11.08	30.00	18.92	8.47	8.15	16.62	12.21	36.00	23.79
	54	6.56	6.30	12.86	11.09	30.00	18.91	8.51	8.17	16.68	12.22	36.00	23.78
5785	53	7.05	6.13	13.17	11.20	30.00	18.80	9.14	7.95	17.09	12.33	36.00	23.67
	54	7.02	6.34	13.36	11.26	30.00	18.74	9.10	8.22	17.33	12.39	36.00	23.61
5825	53	6.57	6.08	12.65	11.02	30.00	18.98	8.52	7.89	16.41	12.15	36.00	23.85
	54	6.52	6.12	12.65	11.02	30.00	18.98	8.46	7.94	16.40	12.15	36.00	23.85

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	53	0.00	-13.20	1.94	20.17	1.13	8.91	10.04	-13.57	2.03	20.17	1.13	8.63	9.76
	54	0.00	-13.18	1.94	20.17	1.13	8.93	10.06	-13.47	2.03	20.17	1.13	8.73	9.86
5580	53	0.00	-13.42	1.93	20.16	1.13	8.68	9.81	-13.48	2.02	20.17	1.13	8.71	9.84
	54	0.00	-13.43	1.93	20.16	1.13	8.67	9.80	-13.39	2.02	20.17	1.13	8.80	9.93
5700	53	0.00	-13.78	1.92	20.16	1.13	8.30	9.43	-14.19	1.99	20.17	1.13	7.98	9.11
	54	0.00	-13.75	1.92	20.16	1.13	8.33	9.46	-14.11	1.99	20.17	1.13	8.06	9.19
5720	53	0.00	-13.99	1.92	20.16	1.13	8.09	9.22	-14.25	1.99	20.17	1.13	7.91	9.04
	54	0.00	-13.92	1.92	20.16	1.13	8.16	9.29	-14.13	1.99	20.17	1.13	8.03	9.16
5745	53	0.00	-13.95	1.94	20.16	1.13	8.15	9.28	-14.20	2.01	20.17	1.13	7.98	9.11
	54	0.00	-13.93	1.94	20.16	1.13	8.17	9.30	-14.19	2.01	20.17	1.13	7.99	9.12
5785	53	0.00	-13.61	1.93	20.16	1.13	8.48	9.61	-14.30	2.00	20.17	1.13	7.87	9.00
	54	0.00	-13.63	1.93	20.16	1.13	8.46	9.59	-14.15	2.00	20.17	1.13	8.02	9.15
5825	53	0.00	-13.91	1.93	20.16	1.13	8.18	9.31	-14.32	1.98	20.17	1.13	7.84	8.97
	54	0.00	-13.94	1.93	20.16	1.13	8.15	9.28	-14.29	1.98	20.17	1.13	7.87	9.00

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (20.612 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-20 (OFDMA) 106-tone RU (SDM)

[Standard Power mode]

11ax-20 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	53	6.91	6.33	13.23	11.22	23.97	12.75	7.77	8.21	15.97	12.03	29.97	17.94
	54	6.89	6.24	13.13	11.18	23.97	12.79	7.75	8.09	15.84	12.00	29.97	17.97
5220	53	6.61	6.23	12.84	11.08	23.97	12.89	7.43	8.08	15.51	11.91	29.97	18.06
	54	6.67	6.04	12.71	11.04	23.97	12.93	7.50	7.84	15.34	11.86	29.97	18.11
5240	53	7.26	6.99	14.25	11.54	23.97	12.43	8.16	9.07	17.24	12.36	29.97	17.61
	54	7.43	7.06	14.49	11.61	23.97	12.36	8.35	9.16	17.51	12.43	29.97	17.54
5260	53	7.26	7.09	14.35	11.57	23.97	12.40	8.16	9.20	17.37	12.40	29.97	17.57
	54	7.22	7.03	14.25	11.54	23.97	12.43	8.13	9.12	17.24	12.37	29.97	17.60
5300	53	7.46	6.83	14.29	11.55	23.97	12.42	8.39	8.86	17.25	12.37	29.97	17.60
	54	7.41	6.74	14.14	11.51	23.97	12.46	8.33	8.74	17.07	12.32	29.97	17.65
5320	53	7.25	6.75	14.01	11.46	23.97	12.51	8.16	8.76	16.92	12.28	29.97	17.69
	54	7.65	6.72	14.37	11.57	23.97	12.40	8.60	8.72	17.32	12.39	29.97	17.58

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	53	0.00	-13.69	1.91	20.17	0.51	8.39	8.90	-14.12	1.96	20.18	1.13	8.01	9.14
	54	0.00	-13.70	1.91	20.17	0.51	8.38	8.89	-14.18	1.96	20.18	1.13	7.95	9.08
5220	53	0.00	-13.88	1.91	20.17	0.51	8.20	8.71	-14.19	1.96	20.18	1.13	7.94	9.07
	54	0.00	-13.84	1.91	20.17	0.51	8.24	8.75	-14.32	1.96	20.18	1.13	7.81	8.94
5240	53	0.00	-13.47	1.91	20.17	0.51	8.61	9.12	-13.69	1.96	20.18	1.13	8.45	9.58
	54	0.00	-13.37	1.91	20.17	0.51	8.71	9.22	-13.65	1.96	20.18	1.13	8.49	9.62
5260	53	0.00	-13.48	1.92	20.17	0.51	8.61	9.12	-13.64	1.97	20.18	1.13	8.51	9.64
	54	0.00	-13.50	1.92	20.17	0.51	8.59	9.10	-13.68	1.97	20.18	1.13	8.47	9.60
5300	53	0.00	-13.36	1.92	20.17	0.51	8.73	9.24	-13.81	1.98	20.18	1.13	8.34	9.47
	54	0.00	-13.39	1.92	20.17	0.51	8.70	9.21	-13.87	1.98	20.18	1.13	8.28	9.41
5320	53	0.00	-13.48	1.92	20.17	0.51	8.61	9.12	-13.86	1.98	20.17	1.13	8.30	9.43
	54	0.00	-13.25	1.92	20.17	0.51	8.84	9.35	-13.88	1.98	20.17	1.13	8.28	9.41

Sample Calculation:

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

e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (20.612 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-20 (OFDMA) 106-tone RU (SDM)

[Standard Power mode]

11ax-20 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	53	7.06	7.59	14.65	11.66	23.97	12.31	7.94	9.85	17.79	12.50	29.97	17.47
	54	7.11	7.50	14.61	11.65	23.97	12.32	7.99	9.73	17.73	12.49	29.97	17.48
5580	53	6.47	7.60	14.07	11.48	23.97	12.49	7.27	9.86	17.13	12.34	29.97	17.63
	54	6.45	7.57	14.02	11.47	23.97	12.50	7.26	9.82	17.07	12.32	29.97	17.65
5700	53	6.51	6.77	13.28	11.23	23.97	12.74	7.32	8.79	16.10	12.07	29.97	17.90
	54	6.45	6.70	13.14	11.19	23.97	12.78	7.25	8.69	15.93	12.02	29.97	17.95
5720	53	6.34	6.60	12.94	11.12	23.97	12.85	7.13	8.56	15.69	11.96	29.97	18.01
	54	6.40	6.48	12.87	11.10	23.97	12.87	7.19	8.40	15.60	11.93	29.97	18.04
5745	53	6.84	7.10	13.94	11.44	30.00	18.56	7.69	9.21	16.90	12.28	36.00	23.72
	54	6.91	7.35	14.27	11.54	30.00	18.46	7.78	9.54	17.31	12.38	36.00	23.62
5785	53	7.50	7.36	14.87	11.72	30.00	18.28	8.44	9.55	17.99	12.55	36.00	23.45
	54	7.48	7.38	14.87	11.72	30.00	18.28	8.42	9.57	17.99	12.55	36.00	23.45
5825	53	7.14	7.28	14.41	11.59	30.00	18.41	8.03	9.44	17.46	12.42	36.00	23.58
	54	7.15	7.50	14.65	11.66	30.00	18.34	8.04	9.72	17.77	12.50	36.00	23.50

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	53	0.00	-13.62	1.94	20.17	0.51	8.49	9.00	-13.40	2.03	20.17	1.13	8.80	9.93
	54	0.00	-13.59	1.94	20.17	0.51	8.52	9.03	-13.45	2.03	20.17	1.13	8.75	9.88
5580	53	0.00	-13.99	1.93	20.16	0.51	8.11	8.62	-13.38	2.02	20.17	1.13	8.81	9.94
	54	0.00	-14.00	1.93	20.16	0.51	8.10	8.61	-13.40	2.02	20.17	1.13	8.79	9.92
5700	53	0.00	-13.95	1.92	20.16	0.51	8.13	8.64	-13.86	1.99	20.17	1.13	8.31	9.44
	54	0.00	-13.99	1.92	20.16	0.51	8.09	8.60	-13.91	1.99	20.17	1.13	8.26	9.39
5720	53	0.00	-14.06	1.92	20.16	0.51	8.02	8.53	-13.97	1.99	20.17	1.13	8.19	9.32
	54	0.00	-14.02	1.92	20.16	0.51	8.06	8.57	-14.05	1.99	20.17	1.13	8.11	9.24
5745	53	0.00	-13.75	1.94	20.16	0.51	8.35	8.86	-13.67	2.01	20.17	1.13	8.51	9.64
	54	0.00	-13.70	1.94	20.16	0.51	8.40	8.91	-13.52	2.01	20.17	1.13	8.66	9.79
5785	53	0.00	-13.34	1.93	20.16	0.51	8.75	9.26	-13.50	2.00	20.17	1.13	8.67	9.80
	54	0.00	-13.35	1.93	20.16	0.51	8.74	9.25	-13.49	2.00	20.17	1.13	8.68	9.81
5825	53	0.00	-13.55	1.93	20.16	0.51	8.54	9.05	-13.54	1.98	20.17	1.13	8.62	9.75
	54	0.00	-13.54	1.93	20.16	0.51	8.55	9.06	-13.41	1.98	20.17	1.13	8.75	9.88

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (20.612 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 30, 2024
Temperature / Humidity	22 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-20 (OFDMA) 242-tone RU (CDD)

[Standard Power mode]

11ax-20 (OFDMA)(CDD) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	61	6.86	6.14	13.00	11.14	23.97	12.83	8.90	7.96	16.86	12.27	29.97	17.70
5220	61	6.52	6.16	12.67	11.03	23.97	12.94	8.45	7.99	16.44	12.16	29.97	17.81
5240	61	7.16	6.87	14.03	11.47	23.97	12.50	9.29	8.91	18.20	12.60	29.97	17.37
5260	61	7.21	6.79	14.00	11.46	23.97	12.51	9.35	8.81	18.16	12.59	29.97	17.38
5300	61	7.42	6.78	14.21	11.52	23.97	12.45	9.63	8.80	18.43	12.65	29.97	17.32
5320	61	7.06	6.46	13.52	11.31	23.97	12.66	9.15	8.39	17.54	12.44	29.97	17.53
5500	61	6.80	7.37	14.17	11.51	23.97	12.46	8.83	9.56	18.38	12.64	29.97	17.33
5580	61	6.93	7.36	14.29	11.55	23.97	12.42	8.99	9.55	18.54	12.68	29.97	17.29
5700	61	6.42	6.54	12.96	11.13	23.97	12.84	8.32	8.49	16.81	12.26	29.97	17.71
5720	61	6.43	6.46	12.89	11.10	23.97	12.87	8.34	8.38	16.72	12.23	29.97	17.74
5745	61	6.91	7.12	14.03	11.47	30.00	18.53	8.97	9.23	18.20	12.60	36.00	23.40
5785	61	7.62	7.25	14.87	11.72	30.00	18.28	9.89	9.40	19.29	12.85	36.00	23.15
5825	61	7.14	7.51	14.65	11.66	30.00	18.34	9.26	9.75	19.01	12.79	36.00	23.21

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	61	0.00	-13.72	1.91	20.17	1.13	8.36	9.49	-14.25	1.96	20.18	1.13	7.88	9.01
5220	61	0.00	-13.94	1.91	20.17	1.13	8.14	9.27	-14.24	1.96	20.18	1.13	7.89	9.02
5240	61	0.00	-13.53	1.91	20.17	1.13	8.55	9.68	-13.77	1.96	20.18	1.13	8.37	9.50
5260	61	0.00	-13.51	1.92	20.17	1.13	8.58	9.71	-13.83	1.97	20.18	1.13	8.32	9.45
5300	61	0.00	-13.38	1.92	20.17	1.13	8.71	9.84	-13.84	1.98	20.18	1.13	8.31	9.44
5320	61	0.00	-13.60	1.92	20.17	1.13	8.49	9.62	-14.05	1.98	20.17	1.13	8.11	9.24
5500	61	0.00	-13.78	1.94	20.17	1.13	8.33	9.46	-13.53	2.03	20.17	1.13	8.67	9.80
5580	61	0.00	-13.69	1.93	20.16	1.13	8.41	9.54	-13.52	2.02	20.17	1.13	8.67	9.80
5700	61	0.00	-14.01	1.92	20.16	1.13	8.07	9.20	-14.01	1.99	20.17	1.13	8.16	9.29
5720	61	0.00	-14.00	1.92	20.16	1.13	8.08	9.21	-14.06	1.99	20.17	1.13	8.10	9.23
5745	61	0.00	-13.70	1.94	20.16	1.13	8.40	9.53	-13.66	2.01	20.17	1.13	8.52	9.65
5785	61	0.00	-13.27	1.93	20.16	1.13	8.82	9.95	-13.57	2.00	20.17	1.13	8.60	9.73
5825	61	0.00	-13.55	1.93	20.16	1.13	8.54	9.67	-13.40	1.98	20.17	1.13	8.76	9.89

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (21.580 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-20 (OFDMA) 242-tone RU (SDM)

[Standard Power mode]

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

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	61	6.99	6.33	13.31	11.24	23.97	12.73	7.86	8.21	16.06	12.06	29.97	17.91
5220	61	6.53	6.10	12.63	11.02	23.97	12.95	7.35	7.91	15.26	11.84	29.97	18.13
5240	61	7.21	7.03	14.24	11.53	23.97	12.44	8.11	9.11	17.22	12.36	29.97	17.61
5260	61	7.13	7.11	14.24	11.53	23.97	12.44	8.01	9.22	17.24	12.36	29.97	17.61
5300	61	7.22	6.81	14.03	11.47	23.97	12.50	8.12	8.84	16.96	12.29	29.97	17.68
5320	61	7.19	6.71	13.89	11.43	23.97	12.54	8.08	8.70	16.78	12.25	29.97	17.72
5500	61	6.91	7.50	14.42	11.59	23.97	12.38	7.78	9.73	17.51	12.43	29.97	17.54
5580	61	6.29	7.64	13.93	11.44	23.97	12.53	7.08	9.91	16.98	12.30	29.97	17.67
5700	61	6.30	6.76	13.06	11.16	23.97	12.81	7.08	8.77	15.85	12.00	29.97	17.97
5720	61	6.35	6.60	12.95	11.12	23.97	12.85	7.14	8.56	15.70	11.96	29.97	18.01
5745	61	6.85	7.37	14.22	11.53	30.00	18.47	7.71	9.56	17.26	12.37	36.00	23.63
5785	61	7.54	7.31	14.85	11.72	30.00	18.28	8.48	9.49	17.96	12.54	36.00	23.46
5825	61	7.09	7.39	14.48	11.61	30.00	18.39	7.97	9.59	17.56	12.45	36.00	23.55

			5G_CH0						5G_CH1					
Tested	Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]	[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5180	61	0.00	-13.64	1.91	20.17	0.51	8.44	8.95	-14.12	1.96	20.18	1.13	8.01	9.14
5220	61	0.00	-13.93	1.91	20.17	0.51	8.15	8.66	-14.28	1.96	20.18	1.13	7.85	8.98
5240	61	0.00	-13.50	1.91	20.17	0.51	8.58	9.09	-13.67	1.96	20.18	1.13	8.47	9.60
5260	61	0.00	-13.56	1.92	20.17	0.51	8.53	9.04	-13.63	1.97	20.18	1.13	8.52	9.65
5300	61	0.00	-13.50	1.92	20.17	0.51	8.59	9.10	-13.82	1.98	20.18	1.13	8.33	9.46
5320	61	0.00	-13.52	1.92	20.17	0.51	8.57	9.08	-13.89	1.98	20.17	1.13	8.27	9.40
5500	61	0.00	-13.71	1.94	20.17	0.51	8.40	8.91	-13.45	2.03	20.17	1.13	8.75	9.88
5580	61	0.00	-14.11	1.93	20.16	0.51	7.99	8.50	-13.36	2.02	20.17	1.13	8.83	9.96
5700	61	0.00	-14.09	1.92	20.16	0.51	7.99	8.50	-13.87	1.99	20.17	1.13	8.30	9.43
5720	61	0.00	-14.05	1.92	20.16	0.51	8.03	8.54	-13.97	1.99	20.17	1.13	8.19	9.32
5745	61	0.00	-13.74	1.94	20.16	0.51	8.36	8.87	-13.51	2.01	20.17	1.13	8.67	9.80
5785	61	0.00	-13.32	1.93	20.16	0.51	8.77	9.28	-13.53	2.00	20.17	1.13	8.64	9.77
5825	61	0.00	-13.58	1.93	20.16	0.51	8.51	9.02	-13.47	1.98	20.17	1.13	8.69	9.82

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (21.580 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11n-40 (CDD)

[Standard Power mode]

11n-40 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	6.51	5.84	12.35	10.92	23.97	13.05	8.45	7.58	16.03	12.05	29.97	17.92
5230	6.42	5.69	12.11	10.83	23.97	13.14	8.33	7.38	15.70	11.96	29.97	18.01
5270	6.99	6.59	13.58	11.33	23.97	12.64	9.06	8.55	17.61	12.46	29.97	17.51
5310	7.08	6.40	13.48	11.30	23.97	12.67	9.18	8.30	17.49	12.43	29.97	17.54
5510	7.49	7.13	14.62	11.65	23.97	12.32	9.72	9.25	18.97	12.78	29.97	17.19
5550	6.78	7.08	13.86	11.42	23.97	12.55	8.79	9.19	17.98	12.55	29.97	17.42
5670	6.49	6.38	12.87	11.10	23.97	12.87	8.42	8.27	16.69	12.23	29.97	17.74
5710	6.57	6.18	12.75	11.05	23.97	12.92	8.53	8.01	16.54	12.18	29.97	17.79
5755	7.21	7.16	14.38	11.58	30.00	18.42	9.36	9.29	18.65	12.71	36.00	23.29
5795	7.61	7.34	14.95	11.75	30.00	18.25	9.87	9.52	19.39	12.88	36.00	23.12

		5G_CH0						**5G_CH1**					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-13.94	1.91	20.17	1.13	8.14	9.27	-14.46	1.95	20.18	1.13	7.67	8.80
5230	0.00	-14.00	1.91	20.17	1.13	8.08	9.21	-14.58	1.95	20.18	1.13	7.55	8.68
5270	0.00	-13.64	1.91	20.17	1.13	8.44	9.57	-13.95	1.96	20.18	1.13	8.19	9.32
5310	0.00	-13.58	1.91	20.17	1.13	8.50	9.63	-14.08	1.97	20.18	1.13	8.06	9.19
5510	0.00	-13.38	1.96	20.17	1.13	8.75	9.88	-13.69	2.05	20.17	1.13	8.53	9.66
5550	0.00	-13.81	1.95	20.17	1.13	8.31	9.44	-13.71	2.04	20.17	1.13	8.50	9.63
5670	0.00	-13.98	1.94	20.17	1.13	8.12	9.25	-14.14	2.01	20.17	1.13	8.05	9.18
5710	0.00	-13.92	1.93	20.17	1.13	8.18	9.31	-14.27	2.00	20.17	1.13	7.91	9.04
5755	0.00	-13.55	1.97	20.17	1.13	8.58	9.71	-13.66	2.04	20.17	1.13	8.55	9.68
5795	0.00	-13.31	1.96	20.17	1.13	8.81	9.94	-13.54	2.02	20.17	1.13	8.66	9.79

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (44.511 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11n-40 (SDM)

[Standard Power mode]

11n-40 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	6.90	5.76	12.66	11.02	23.97	12.95	7.76	7.47	15.23	11.83	29.97	18.14
5230	6.63	5.61	12.24	10.88	23.97	13.09	7.46	7.27	14.73	11.68	29.97	18.29
5270	7.15	6.28	13.43	11.28	23.97	12.69	8.04	8.15	16.19	12.09	29.97	17.88
5310	7.08	6.27	13.35	11.25	23.97	12.72	7.96	8.13	16.10	12.07	29.97	17.90
5510	7.49	7.16	14.66	11.66	23.97	12.31	8.43	9.29	17.72	12.48	29.97	17.49
5550	6.95	6.95	13.91	11.43	23.97	12.54	7.82	9.02	16.84	12.26	29.97	17.71
5670	6.55	6.39	12.94	11.12	23.97	12.85	7.37	8.29	15.66	11.95	29.97	18.02
5710	6.56	6.29	12.85	11.09	23.97	12.88	7.37	8.16	15.54	11.91	29.97	18.06
5755	7.43	7.18	14.61	11.65	30.00	18.35	8.36	9.31	17.67	12.47	36.00	23.53
5795	7.66	7.17	14.84	11.71	30.00	18.29	8.62	9.30	17.92	12.53	36.00	23.47

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-13.69	1.91	20.17	0.51	8.39	8.90	-14.52	1.95	20.18	1.13	7.61	8.74
5230	0.00	-13.86	1.91	20.17	0.51	8.22	8.73	-14.64	1.95	20.18	1.13	7.49	8.62
5270	0.00	-13.54	1.91	20.17	0.51	8.54	9.05	-14.16	1.96	20.18	1.13	7.98	9.11
5310	0.00	-13.58	1.91	20.17	0.51	8.50	9.01	-14.17	1.97	20.18	1.13	7.97	9.10
5510	0.00	-13.38	1.96	20.17	0.51	8.75	9.26	-13.67	2.05	20.17	1.13	8.55	9.68
5550	0.00	-13.70	1.95	20.17	0.51	8.42	8.93	-13.79	2.04	20.17	1.13	8.42	9.55
5670	0.00	-13.94	1.94	20.17	0.51	8.16	8.67	-14.13	2.01	20.17	1.13	8.06	9.19
5710	0.00	-13.93	1.93	20.17	0.51	8.17	8.68	-14.19	2.00	20.17	1.13	7.99	9.12
5755	0.00	-13.42	1.97	20.17	0.51	8.71	9.22	-13.65	2.04	20.17	1.13	8.56	9.69
5795	0.00	-13.28	1.96	20.17	0.51	8.84	9.35	-13.64	2.02	20.17	1.13	8.56	9.69

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (44.511 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-40 (CDD)

[Standard Power mode]

11ac-40 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	6.87	5.72	12.59	11.00	23.97	12.97	8.91	7.42	16.33	12.13	29.97	17.84
5230	6.52	5.69	12.21	10.87	23.97	13.10	8.46	7.38	15.84	12.00	29.97	17.97
5270	7.05	6.58	13.63	11.34	23.97	12.63	9.15	8.53	17.68	12.47	29.97	17.50
5310	7.15	6.23	13.37	11.26	23.97	12.71	9.27	8.08	17.35	12.39	29.97	17.58
5510	7.37	7.03	14.41	11.59	23.97	12.38	9.56	9.12	18.69	12.72	29.97	17.25
5550	6.84	6.76	13.60	11.34	23.97	12.63	8.87	8.77	17.65	12.47	29.97	17.50
5670	6.48	6.35	12.82	11.08	23.97	12.89	8.40	8.23	16.63	12.21	29.97	17.76
5710	6.48	6.13	12.62	11.01	23.97	12.96	8.41	7.96	16.37	12.14	29.97	17.83
5755	7.08	7.15	14.23	11.53	30.00	18.47	9.19	9.27	18.46	12.66	36.00	23.34
5795	7.52	7.20	14.73	11.68	30.00	18.32	9.76	9.35	19.11	12.81	36.00	23.19

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-13.71	1.91	20.17	1.13	8.37	9.50	-14.55	1.95	20.18	1.13	7.58	8.71
5230	0.00	-13.93	1.91	20.17	1.13	8.15	9.28	-14.58	1.95	20.18	1.13	7.55	8.68
5270	0.00	-13.60	1.91	20.17	1.13	8.48	9.61	-13.96	1.96	20.18	1.13	8.18	9.31
5310	0.00	-13.54	1.91	20.17	1.13	8.54	9.67	-14.20	1.97	20.18	1.13	7.94	9.07
5510	0.00	-13.45	1.96	20.17	1.13	8.68	9.81	-13.75	2.05	20.17	1.13	8.47	9.60
5550	0.00	-13.77	1.95	20.17	1.13	8.35	9.48	-13.91	2.04	20.17	1.13	8.30	9.43
5670	0.00	-13.99	1.94	20.17	1.13	8.11	9.24	-14.16	2.01	20.17	1.13	8.03	9.16
5710	0.00	-13.98	1.93	20.17	1.13	8.12	9.25	-14.30	2.00	20.17	1.13	7.88	9.01
5755	0.00	-13.63	1.97	20.17	1.13	8.50	9.63	-13.67	2.04	20.17	1.13	8.54	9.67
5795	0.00	-13.36	1.96	20.17	1.13	8.76	9.89	-13.62	2.02	20.17	1.13	8.58	9.71

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (44.511 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-40 (SDM)

[Standard Power mode]

11ac-40 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	6.82	5.77	12.59	11.00	23.97	12.97	7.67	7.49	15.16	11.81	29.97	18.16
5230	6.24	5.60	11.84	10.73	23.97	13.24	7.02	7.26	14.28	11.55	29.97	18.42
5270	7.23	6.37	13.60	11.34	23.97	12.63	8.13	8.26	16.39	12.15	29.97	17.82
5310	7.53	6.18	13.72	11.37	23.97	12.60	8.47	8.02	16.50	12.17	29.97	17.80
5510	7.49	7.05	14.54	11.63	23.97	12.34	8.43	9.14	17.57	12.45	29.97	17.52
5550	7.10	6.97	14.07	11.48	23.97	12.49	7.98	9.04	17.02	12.31	29.97	17.66
5670	6.43	6.23	12.66	11.03	23.97	12.94	7.23	8.08	15.32	11.85	29.97	18.12
5710	6.57	6.35	12.92	11.11	23.97	12.86	7.39	8.24	15.63	11.94	29.97	18.03
5755	7.21	7.21	14.42	11.59	30.00	18.41	8.11	9.35	17.47	12.42	36.00	23.58
5795	7.52	7.11	14.63	11.65	30.00	18.35	8.46	9.22	17.68	12.47	36.00	23.53

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-13.74	1.91	20.17	0.51	8.34	8.85	-14.51	1.95	20.18	1.13	7.62	8.75
5230	0.00	-14.12	1.91	20.17	0.51	7.96	8.47	-14.65	1.95	20.18	1.13	7.48	8.61
5270	0.00	-13.49	1.91	20.17	0.51	8.59	9.10	-14.10	1.96	20.18	1.13	8.04	9.17
5310	0.00	-13.31	1.91	20.17	0.51	8.77	9.28	-14.23	1.97	20.18	1.13	7.91	9.04
5510	0.00	-13.38	1.96	20.17	0.51	8.75	9.26	-13.74	2.05	20.17	1.13	8.48	9.61
5550	0.00	-13.61	1.95	20.17	0.51	8.51	9.02	-13.78	2.04	20.17	1.13	8.43	9.56
5670	0.00	-14.02	1.94	20.17	0.51	8.08	8.59	-14.24	2.01	20.17	1.13	7.95	9.08
5710	0.00	-13.92	1.93	20.17	0.51	8.18	8.69	-14.15	2.00	20.17	1.13	8.03	9.16
5755	0.00	-13.55	1.97	20.17	0.51	8.58	9.09	-13.63	2.04	20.17	1.13	8.58	9.71
5795	0.00	-13.36	1.96	20.17	0.51	8.76	9.27	-13.68	2.02	20.17	1.13	8.52	9.65

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (44.511 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-40 (OFDM) (CDD)

[Standard Power mode]

11ax-40 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	6.98	5.91	12.89	11.10	23.97	12.87	9.05	7.67	16.72	12.23	29.97	17.74
5230	6.27	5.62	11.89	10.75	23.97	13.22	8.14	7.29	15.43	11.88	29.97	18.09
5270	7.30	6.75	14.05	11.48	23.97	12.49	9.47	8.75	18.22	12.61	29.97	17.36
5310	7.26	6.58	13.84	11.41	23.97	12.56	9.42	8.54	17.96	12.54	29.97	17.43
5510	7.49	7.31	14.81	11.70	23.97	12.27	9.72	9.49	19.21	12.83	29.97	17.14
5550	6.98	6.99	13.97	11.45	23.97	12.52	9.06	9.06	18.12	12.58	29.97	17.39
5670	6.75	6.63	13.38	11.27	23.97	12.70	8.76	8.60	17.36	12.40	29.97	17.57
5710	6.68	6.38	13.06	11.16	23.97	12.81	8.66	8.27	16.94	12.29	29.97	17.68
5755	7.16	7.24	14.41	11.59	30.00	18.41	9.29	9.40	18.69	12.72	36.00	23.28
5795	7.65	7.30	14.95	11.75	30.00	18.25	9.92	9.48	19.39	12.88	36.00	23.12

		5G_CH0						5G_CH1					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-13.64	1.91	20.17	1.13	8.44	9.57	-14.41	1.95	20.18	1.13	7.72	8.85
5230	0.00	-14.10	1.91	20.17	1.13	7.98	9.11	-14.63	1.95	20.18	1.13	7.50	8.63
5270	0.00	-13.45	1.91	20.17	1.13	8.63	9.76	-13.85	1.96	20.18	1.13	8.29	9.42
5310	0.00	-13.47	1.91	20.17	1.13	8.61	9.74	-13.96	1.97	20.18	1.13	8.18	9.31
5510	0.00	-13.38	1.96	20.17	1.13	8.75	9.88	-13.58	2.05	20.17	1.13	8.64	9.77
5550	0.00	-13.68	1.95	20.17	1.13	8.44	9.57	-13.77	2.04	20.17	1.13	8.44	9.57
5670	0.00	-13.81	1.94	20.17	1.13	8.29	9.42	-13.97	2.01	20.17	1.13	8.22	9.35
5710	0.00	-13.85	1.93	20.17	1.13	8.25	9.38	-14.13	2.00	20.17	1.13	8.05	9.18
5755	0.00	-13.58	1.97	20.17	1.13	8.55	9.68	-13.61	2.04	20.17	1.13	8.60	9.73
5795	0.00	-13.29	1.96	20.17	1.13	8.83	9.96	-13.56	2.02	20.17	1.13	8.64	9.77

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (43.281 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-40 (OFDM) (SDM)

[Standard Power mode]

11ax-40 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	6.82	5.91	12.73	11.05	23.97	12.92	7.67	7.67	15.34	11.86	29.97	18.11
5230	6.52	5.85	12.37	10.92	23.97	13.05	7.34	7.58	14.92	11.74	29.97	18.23
5270	7.28	6.61	13.89	11.43	23.97	12.54	8.19	8.57	16.76	12.24	29.97	17.73
5310	7.43	6.27	13.70	11.37	23.97	12.60	8.36	8.13	16.49	12.17	29.97	17.80
5510	7.58	7.31	14.89	11.73	23.97	12.24	8.52	9.49	18.01	12.56	29.97	17.41
5550	7.25	7.21	14.46	11.60	23.97	12.37	8.15	9.36	17.51	12.43	29.97	17.54
5670	6.69	6.48	13.17	11.20	23.97	12.77	7.52	8.41	15.93	12.02	29.97	17.95
5710	6.59	6.33	12.92	11.11	23.97	12.86	7.41	8.22	15.63	11.94	29.97	18.03
5755	7.33	7.36	14.69	11.67	30.00	18.33	8.24	9.55	17.79	12.50	36.00	23.50
5795	7.68	7.42	15.10	11.79	30.00	18.21	8.64	9.63	18.27	12.62	36.00	23.38

		5G_CH0						**5G_CH1**					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	0.00	-13.74	1.91	20.17	0.51	8.34	8.85	-14.41	1.95	20.18	1.13	7.72	8.85
5230	0.00	-13.93	1.91	20.17	0.51	8.15	8.66	-14.46	1.95	20.18	1.13	7.67	8.80
5270	0.00	-13.46	1.91	20.17	0.51	8.62	9.13	-13.94	1.96	20.18	1.13	8.20	9.33
5310	0.00	-13.37	1.91	20.17	0.51	8.71	9.22	-14.17	1.97	20.18	1.13	7.97	9.10
5510	0.00	-13.33	1.96	20.17	0.51	8.80	9.31	-13.58	2.05	20.17	1.13	8.64	9.77
5550	0.00	-13.52	1.95	20.17	0.51	8.60	9.11	-13.63	2.04	20.17	1.13	8.58	9.71
5670	0.00	-13.85	1.94	20.17	0.51	8.25	8.76	-14.07	2.01	20.17	1.13	8.12	9.25
5710	0.00	-13.91	1.93	20.17	0.51	8.19	8.70	-14.16	2.00	20.17	1.13	8.02	9.15
5755	0.00	-13.48	1.97	20.17	0.51	8.65	9.16	-13.54	2.04	20.17	1.13	8.67	9.80
5795	0.00	-13.27	1.96	20.17	0.51	8.85	9.36	-13.49	2.02	20.17	1.13	8.71	9.84

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (43.281 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 24, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-40 (OFDMA) 26-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5270	0	7.41	6.47	13.88	11.42	23.97	12.55	9.61	8.40	18.01	12.55	29.97	17.42
	8	7.16	6.37	13.53	11.31	23.97	12.66	9.29	8.26	17.55	12.44	29.97	17.53
	17	7.53	7.06	14.59	11.64	23.97	12.33	9.77	9.16	18.93	12.77	29.97	17.20
5310	0	7.81	6.69	14.50	11.61	23.97	12.36	10.13	8.68	18.81	12.74	29.97	17.23
	8	7.39	6.37	13.76	11.39	23.97	12.58	9.59	8.27	17.85	12.52	29.97	17.45
	17	7.72	6.64	14.36	11.57	23.97	12.40	10.01	8.62	18.63	12.70	29.97	17.27

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5270	0	0.00	-13.39	1.92	20.17	1.13	8.70	9.83	-14.04	1.98	20.18	1.13	8.11	9.24
	8	0.00	-13.54	1.92	20.17	1.13	8.55	9.68	-14.11	1.98	20.18	1.13	8.04	9.17
	17	0.00	-13.32	1.92	20.17	1.13	8.77	9.90	-13.66	1.98	20.18	1.13	8.49	9.62
5310	0	0.00	-13.16	1.92	20.17	1.13	8.93	10.06	-13.90	1.98	20.18	1.13	8.25	9.38
	8	0.00	-13.40	1.92	20.17	1.13	8.69	9.82	-14.11	1.98	20.18	1.13	8.04	9.17
	17	0.00	-13.21	1.92	20.17	1.13	8.88	10.01	-13.93	1.98	20.18	1.13	8.22	9.35

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (38.103 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 26-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	0	7.92	7.33	15.25	11.83	23.97	12.14	10.27	9.51	19.78	12.96	29.97	17.01
	8	7.63	7.11	14.75	11.69	23.97	12.28	9.90	9.23	19.13	12.82	29.97	17.15
	17	7.77	7.59	15.36	11.86	23.97	12.11	10.08	9.84	19.93	12.99	29.97	16.98
5550	0	7.28	7.20	14.48	11.61	23.97	12.36	9.44	9.34	18.79	12.74	29.97	17.23
	8	6.94	7.05	13.99	11.46	23.97	12.51	9.00	9.15	18.15	12.59	29.97	17.38
	17	7.18	7.68	14.86	11.72	23.97	12.25	9.31	9.96	19.28	12.85	29.97	17.12
5670	0	7.07	7.02	14.09	11.49	23.97	12.48	9.18	9.11	18.28	12.62	29.97	17.35
	8	6.68	6.57	13.24	11.22	23.97	12.75	8.66	8.52	17.18	12.35	29.97	17.62
	17	6.98	6.99	13.96	11.45	23.97	12.52	9.05	9.06	18.11	12.58	29.97	17.39
5710	0	7.11	6.99	14.11	11.49	23.97	12.48	9.23	9.07	18.30	12.62	29.97	17.35
	8	6.70	6.29	12.99	11.14	23.97	12.83	8.69	8.16	16.85	12.27	29.97	17.70
	17	7.08	6.88	13.96	11.45	23.97	12.52	9.19	8.92	18.11	12.58	29.97	17.39
5755	0	7.01	6.70	13.71	11.37	30.00	18.63	9.09	8.69	17.78	12.50	36.00	23.50
	8	6.74	6.37	13.11	11.18	30.00	18.82	8.74	8.26	17.00	12.31	36.00	23.69
	17	6.96	7.02	13.98	11.45	30.00	18.55	9.03	9.10	18.13	12.58	36.00	23.42
5795	0	7.03	6.32	13.35	11.26	30.00	18.74	9.12	8.20	17.32	12.39	36.00	23.61
	8	6.87	6.18	13.05	11.16	30.00	18.84	8.91	8.01	16.93	12.29	36.00	23.71
	17	7.28	6.96	14.24	11.54	30.00	18.46	9.44	9.03	18.47	12.67	36.00	23.33

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	0	0.00	-13.14	1.96	20.17	1.13	8.99	10.12	-13.57	2.05	20.17	1.13	8.65	9.78
	8	0.00	-13.30	1.96	20.17	1.13	8.83	9.96	-13.70	2.05	20.17	1.13	8.52	9.65
	17	0.00	-13.22	1.96	20.17	1.13	8.91	10.04	-13.42	2.05	20.17	1.13	8.80	9.93
5550	0	0.00	-13.50	1.96	20.16	1.13	8.62	9.75	-13.64	2.04	20.17	1.13	8.57	9.70
	8	0.00	-13.71	1.96	20.16	1.13	8.41	9.54	-13.73	2.04	20.17	1.13	8.48	9.61
	17	0.00	-13.56	1.96	20.16	1.13	8.56	9.69	-13.36	2.04	20.17	1.13	8.85	9.98
5670	0	0.00	-13.61	1.94	20.16	1.13	8.50	9.63	-13.73	2.02	20.17	1.13	8.46	9.59
	8	0.00	-13.86	1.94	20.16	1.13	8.25	9.38	-14.02	2.02	20.17	1.13	8.17	9.30
	17	0.00	-13.67	1.94	20.16	1.13	8.44	9.57	-13.75	2.02	20.17	1.13	8.44	9.57
5710	0	0.00	-13.58	1.94	20.16	1.13	8.52	9.65	-13.74	2.01	20.17	1.13	8.45	9.58
	8	0.00	-13.84	1.94	20.16	1.13	8.26	9.39	-14.20	2.01	20.17	1.13	7.99	9.12
	17	0.00	-13.60	1.94	20.16	1.13	8.50	9.63	-13.81	2.01	20.17	1.13	8.38	9.51
5755	0	0.00	-13.68	1.98	20.16	1.13	8.46	9.59	-13.96	2.05	20.17	1.13	8.26	9.39
	8	0.00	-13.85	1.98	20.16	1.13	8.29	9.42	-14.18	2.05	20.17	1.13	8.04	9.17
	17	0.00	-13.71	1.98	20.16	1.13	8.43	9.56	-13.76	2.05	20.17	1.13	8.46	9.59
5795	0	0.00	-13.66	1.97	20.16	1.13	8.47	9.60	-14.20	2.03	20.17	1.13	8.01	9.14
	8	0.00	-13.76	1.97	20.16	1.13	8.37	9.50	-14.30	2.03	20.17	1.13	7.91	9.04
	17	0.00	-13.51	1.97	20.16	1.13	8.62	9.75	-13.78	2.03	20.17	1.13	8.43	9.56

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (38.103 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 26-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5270	0	7.27	6.55	13.82	11.41	23.97	12.56	8.18	8.49	16.67	12.22	29.97	17.75
	8	7.06	6.46	13.52	11.31	23.97	12.66	7.94	8.38	16.32	12.13	29.97	17.84
	17	7.41	6.71	14.12	11.50	23.97	12.47	8.33	8.71	17.04	12.32	29.97	17.65
5310	0	7.47	6.75	14.23	11.53	23.97	12.44	8.41	8.76	17.17	12.35	29.97	17.62
	8	7.04	6.48	13.52	11.31	23.97	12.66	7.92	8.40	16.32	12.13	29.97	17.84
	17	7.47	6.63	14.10	11.49	23.97	12.48	8.41	8.60	17.01	12.31	29.97	17.66

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5270	0	0.00	-13.47	1.92	20.17	0.51	8.62	9.13	-13.99	1.98	20.18	1.13	8.16	9.29
	8	0.00	-13.60	1.92	20.17	0.51	8.49	9.00	-14.05	1.98	20.18	1.13	8.10	9.23
	17	0.00	-13.39	1.92	20.17	0.51	8.70	9.21	-13.88	1.98	20.18	1.13	8.27	9.40
5310	0	0.00	-13.35	1.92	20.17	0.51	8.74	9.25	-13.86	1.98	20.18	1.13	8.29	9.42
	8	0.00	-13.61	1.92	20.17	0.51	8.48	8.99	-14.04	1.98	20.18	1.13	8.11	9.24
	17	0.00	-13.35	1.92	20.17	0.51	8.74	9.25	-13.94	1.98	20.18	1.13	8.21	9.34

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (38.103 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 26-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	0	7.60	7.42	15.01	11.76	23.97	12.21	8.54	9.62	18.16	12.59	29.97	17.38
	8	7.36	6.98	14.34	11.57	23.97	12.40	8.27	9.06	17.33	12.39	29.97	17.58
	17	7.74	7.11	14.85	11.72	23.97	12.25	8.70	9.23	17.93	12.54	29.97	17.43
5550	0	7.05	7.23	14.28	11.55	23.97	12.42	7.93	9.39	17.31	12.38	29.97	17.59
	8	6.70	6.94	13.64	11.35	23.97	12.62	7.54	9.00	16.54	12.19	29.97	17.78
	17	7.28	7.44	14.72	11.68	23.97	12.29	8.19	9.65	17.84	12.51	29.97	17.46
5670	0	6.66	6.57	13.23	11.22	23.97	12.75	7.49	8.52	16.01	12.04	29.97	17.93
	8	6.39	6.46	12.85	11.09	23.97	12.88	7.19	8.38	15.57	11.92	29.97	18.05
	17	6.83	7.00	13.84	11.41	23.97	12.56	7.68	9.08	16.77	12.25	29.97	17.72
5710	0	6.81	6.22	13.03	11.15	23.97	12.82	7.66	8.06	15.72	11.97	29.97	18.00
	8	6.53	6.08	12.61	11.01	23.97	12.96	7.35	7.88	15.23	11.83	29.97	18.14
	17	6.98	6.86	13.85	11.41	23.97	12.56	7.85	8.90	16.76	12.24	29.97	17.73
5755	0	6.96	6.67	13.63	11.34	30.00	18.66	7.83	8.65	16.48	12.17	36.00	23.83
	8	6.51	6.61	13.12	11.18	30.00	18.82	7.32	8.57	15.89	12.01	36.00	23.99
	17	6.98	6.81	13.78	11.39	30.00	18.61	7.85	8.83	16.68	12.22	36.00	23.78
5795	0	7.03	6.45	13.48	11.30	30.00	18.70	7.91	8.37	16.28	12.12	36.00	23.88
	8	6.85	6.54	13.40	11.27	30.00	18.73	7.71	8.49	16.20	12.09	36.00	23.91
	17	7.28	6.59	13.87	11.42	30.00	18.58	8.18	8.55	16.73	12.24	36.00	23.76

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	0	0.00	-13.32	1.96	20.17	0.51	8.81	9.32	-13.52	2.05	20.17	1.13	8.70	9.83
	8	0.00	-13.46	1.96	20.17	0.51	8.67	9.18	-13.78	2.05	20.17	1.13	8.44	9.57
	17	0.00	-13.24	1.96	20.17	0.51	8.89	9.40	-13.70	2.05	20.17	1.13	8.52	9.65
5550	0	0.00	-13.64	1.96	20.16	0.51	8.48	8.99	-13.62	2.04	20.17	1.13	8.59	9.72
	8	0.00	-13.86	1.96	20.16	0.51	8.26	8.77	-13.80	2.04	20.17	1.13	8.41	9.54
	17	0.00	-13.50	1.96	20.16	0.51	8.62	9.13	-13.50	2.04	20.17	1.13	8.71	9.84
5670	0	0.00	-13.87	1.94	20.16	0.51	8.24	8.75	-14.02	2.02	20.17	1.13	8.17	9.30
	8	0.00	-14.05	1.94	20.16	0.51	8.06	8.57	-14.09	2.02	20.17	1.13	8.10	9.23
	17	0.00	-13.76	1.94	20.16	0.51	8.35	8.86	-13.74	2.02	20.17	1.13	8.45	9.58
5710	0	0.00	-13.77	1.94	20.16	0.51	8.33	8.84	-14.25	2.01	20.17	1.13	7.94	9.07
	8	0.00	-13.95	1.94	20.16	0.51	8.15	8.66	-14.35	2.01	20.17	1.13	7.84	8.97
	17	0.00	-13.66	1.94	20.16	0.51	8.44	8.95	-13.82	2.01	20.17	1.13	8.37	9.50
5755	0	0.00	-13.71	1.98	20.16	0.51	8.43	8.94	-13.98	2.05	20.17	1.13	8.24	9.37
	8	0.00	-14.00	1.98	20.16	0.51	8.14	8.65	-14.02	2.05	20.17	1.13	8.20	9.33
	17	0.00	-13.70	1.98	20.16	0.51	8.44	8.95	-13.89	2.05	20.17	1.13	8.33	9.46
5795	0	0.00	-13.66	1.97	20.16	0.51	8.47	8.98	-14.11	2.03	20.17	1.13	8.10	9.23
	8	0.00	-13.77	1.97	20.16	0.51	8.36	8.87	-14.05	2.03	20.17	1.13	8.16	9.29
	17	0.00	-13.51	1.97	20.16	0.51	8.62	9.13	-14.02	2.03	20.17	1.13	8.19	9.32

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (38.103 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 52-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5270	37	7.08	6.41	13.49	11.30	23.97	12.67	9.18	8.32	17.50	12.43	29.97	17.54
	40	7.06	6.59	13.65	11.35	23.97	12.62	9.16	8.55	17.71	12.48	29.97	17.49
	44	7.09	6.62	13.72	11.37	23.97	12.60	9.20	8.59	17.79	12.50	29.97	17.47
5310	37	7.51	6.07	13.58	11.33	23.97	12.64	9.74	7.88	17.62	12.46	29.97	17.51
	40	7.20	6.29	13.49	11.30	23.97	12.67	9.35	8.16	17.50	12.43	29.97	17.54
	44	7.61	6.54	14.15	11.51	23.97	12.46	9.88	8.48	18.36	12.64	29.97	17.33

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5270	37	0.00	-13.59	1.92	20.17	1.13	8.50	9.63	-14.08	1.98	20.18	1.13	8.07	9.20
	40	0.00	-13.60	1.92	20.17	1.13	8.49	9.62	-13.96	1.98	20.18	1.13	8.19	9.32
	44	0.00	-13.58	1.92	20.17	1.13	8.51	9.64	-13.94	1.98	20.18	1.13	8.21	9.34
5310	37	0.00	-13.33	1.92	20.17	1.13	8.76	9.89	-14.32	1.98	20.18	1.13	7.83	8.96
	40	0.00	-13.51	1.92	20.17	1.13	8.58	9.71	-14.17	1.98	20.18	1.13	7.98	9.11
	44	0.00	-13.27	1.92	20.17	1.13	8.82	9.95	-14.00	1.98	20.18	1.13	8.15	9.28

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (38.564 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 52-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	37	7.70	7.26	14.97	11.75	23.97	12.22	9.99	9.42	19.41	12.88	29.97	17.09
	40	7.36	6.98	14.34	11.57	23.97	12.40	9.54	9.06	18.60	12.70	29.97	17.27
	44	7.63	7.54	15.17	11.81	23.97	12.16	9.90	9.78	19.68	12.94	29.97	17.03
5550	37	7.05	6.83	13.88	11.42	23.97	12.55	9.14	8.86	18.00	12.55	29.97	17.42
	40	6.52	6.96	13.48	11.30	23.97	12.67	8.46	9.02	17.48	12.43	29.97	17.54
	44	7.08	7.42	14.50	11.61	23.97	12.36	9.19	9.63	18.81	12.74	29.97	17.23
5670	37	6.86	6.40	13.27	11.23	23.97	12.74	8.90	8.30	17.21	12.36	29.97	17.61
	40	6.50	6.49	12.99	11.13	23.97	12.84	8.43	8.42	16.85	12.26	29.97	17.71
	44	6.88	6.84	13.72	11.37	23.97	12.60	8.93	8.88	17.80	12.50	29.97	17.47
5710	37	6.73	6.19	12.92	11.11	23.97	12.86	8.73	8.03	16.76	12.24	29.97	17.73
	40	6.62	6.17	12.80	11.07	23.97	12.90	8.59	8.01	16.60	12.20	29.97	17.77
	44	6.81	6.79	13.60	11.33	23.97	12.64	8.83	8.80	17.64	12.46	29.97	17.51
5755	37	6.80	6.55	13.35	11.25	30.00	18.75	8.82	8.49	17.32	12.38	36.00	23.62
	40	6.63	6.61	13.24	11.22	30.00	18.78	8.60	8.57	17.17	12.35	36.00	23.65
	44	6.94	6.90	13.85	11.41	30.00	18.59	9.01	8.95	17.96	12.54	36.00	23.46
5795	37	7.13	6.45	13.58	11.33	30.00	18.67	9.25	8.37	17.62	12.46	36.00	23.54
	40	6.68	6.38	13.06	11.16	30.00	18.84	8.67	8.28	16.95	12.29	36.00	23.71
	44	7.23	7.09	14.32	11.56	30.00	18.44	9.38	9.20	18.58	12.69	36.00	23.31

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	37	0.00	-13.26	1.96	20.17	1.13	8.87	10.00	-13.61	2.05	20.17	1.13	8.61	9.74
	40	0.00	-13.46	1.96	20.17	1.13	8.67	9.80	-13.78	2.05	20.17	1.13	8.44	9.57
	44	0.00	-13.30	1.96	20.17	1.13	8.83	9.96	-13.45	2.05	20.17	1.13	8.77	9.90
5550	37	0.00	-13.64	1.96	20.16	1.13	8.48	9.61	-13.87	2.04	20.17	1.13	8.34	9.47
	40	0.00	-13.98	1.96	20.16	1.13	8.14	9.27	-13.79	2.04	20.17	1.13	8.42	9.55
	44	0.00	-13.62	1.96	20.16	1.13	8.50	9.63	-13.51	2.04	20.17	1.13	8.70	9.83
5670	37	0.00	-13.74	1.94	20.16	1.13	8.37	9.50	-14.13	2.02	20.17	1.13	8.06	9.19
	40	0.00	-13.98	1.94	20.16	1.13	8.13	9.26	-14.07	2.02	20.17	1.13	8.12	9.25
	44	0.00	-13.73	1.94	20.16	1.13	8.38	9.51	-13.84	2.02	20.17	1.13	8.35	9.48
5710	37	0.00	-13.82	1.94	20.16	1.13	8.28	9.41	-14.27	2.01	20.17	1.13	7.92	9.05
	40	0.00	-13.89	1.94	20.16	1.13	8.21	9.34	-14.28	2.01	20.17	1.13	7.91	9.04
	44	0.00	-13.77	1.94	20.16	1.13	8.33	9.46	-13.87	2.01	20.17	1.13	8.32	9.45
5755	37	0.00	-13.81	1.98	20.16	1.13	8.33	9.46	-14.06	2.05	20.17	1.13	8.16	9.29
	40	0.00	-13.92	1.98	20.16	1.13	8.22	9.35	-14.02	2.05	20.17	1.13	8.20	9.33
	44	0.00	-13.72	1.98	20.16	1.13	8.42	9.55	-13.83	2.05	20.17	1.13	8.39	9.52
5795	37	0.00	-13.60	1.97	20.16	1.13	8.53	9.66	-14.11	2.03	20.17	1.13	8.10	9.23
	40	0.00	-13.88	1.97	20.16	1.13	8.25	9.38	-14.16	2.03	20.17	1.13	8.05	9.18
	44	0.00	-13.54	1.97	20.16	1.13	8.59	9.72	-13.70	2.03	20.17	1.13	8.51	9.64

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (38.564 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 52-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5270	37	7.58	6.52	14.10	11.49	23.97	12.48	8.53	8.45	16.98	12.30	29.97	17.67
	40	7.06	6.12	13.18	11.20	23.97	12.77	7.94	7.94	15.88	12.01	29.97	17.96
	44	7.72	6.76	14.48	11.61	23.97	12.36	8.69	8.77	17.46	12.42	29.97	17.55
5310	37	7.77	6.67	14.45	11.60	23.97	12.37	8.74	8.66	17.40	12.41	29.97	17.56
	40	7.41	6.30	13.71	11.37	23.97	12.60	8.33	8.17	16.50	12.18	29.97	17.79
	44	7.60	6.39	13.99	11.46	23.97	12.51	8.54	8.29	16.83	12.26	29.97	17.71

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5270	37	0.00	-13.29	1.92	20.17	0.51	8.80	9.31	-14.01	1.98	20.18	1.13	8.14	9.27
	40	0.00	-13.60	1.92	20.17	0.51	8.49	9.00	-14.28	1.98	20.18	1.13	7.87	9.00
	44	0.00	-13.21	1.92	20.17	0.51	8.88	9.39	-13.85	1.98	20.18	1.13	8.30	9.43
5310	37	0.00	-13.18	1.92	20.17	0.51	8.91	9.42	-13.91	1.98	20.18	1.13	8.24	9.37
	40	0.00	-13.39	1.92	20.17	0.51	8.70	9.21	-14.16	1.98	20.18	1.13	7.99	9.12
	44	0.00	-13.28	1.92	20.17	0.51	8.81	9.32	-14.10	1.98	20.18	1.13	8.05	9.18

Sample Calculation:

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

e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (38.564 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-40 (OFDMA) 52-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	37	7.76	6.98	14.74	11.69	23.97	12.28	8.72	9.06	17.78	12.50	29.97	17.47
	40	7.53	7.00	14.53	11.62	23.97	12.35	8.47	9.08	17.55	12.44	29.97	17.53
	44	7.90	7.62	15.52	11.91	23.97	12.06	8.88	9.89	18.77	12.74	29.97	17.23
5550	37	6.98	7.04	14.02	11.47	23.97	12.50	7.86	9.13	16.98	12.30	29.97	17.67
	40	6.87	6.99	13.86	11.42	23.97	12.55	7.73	9.07	16.80	12.25	29.97	17.72
	44	6.95	7.02	13.97	11.45	23.97	12.52	7.82	9.11	16.93	12.29	29.97	17.68
5670	37	6.80	6.58	13.38	11.27	23.97	12.70	7.65	8.54	16.19	12.09	29.97	17.88
	40	6.63	6.61	13.24	11.22	23.97	12.75	7.46	8.58	16.03	12.05	29.97	17.92
	44	6.85	6.81	13.66	11.35	23.97	12.62	7.70	8.84	16.54	12.19	29.97	17.78
5710	37	6.92	6.36	13.28	11.23	23.97	12.74	7.78	8.25	16.04	12.05	29.97	17.92
	40	6.46	6.32	12.78	11.06	23.97	12.91	7.26	8.20	15.46	11.89	29.97	18.08
	44	7.11	6.47	13.58	11.33	23.97	12.64	8.00	8.39	16.39	12.15	29.97	17.82
5755	37	6.94	6.68	13.63	11.34	30.00	18.66	7.81	8.67	16.48	12.17	36.00	23.83
	40	6.93	6.58	13.51	11.31	30.00	18.69	7.79	8.53	16.32	12.13	36.00	23.87
	44	7.16	6.86	14.01	11.46	30.00	18.54	8.05	8.89	16.94	12.29	36.00	23.71
5795	37	7.06	6.44	13.50	11.30	30.00	18.70	7.94	8.35	16.30	12.12	36.00	23.88
	40	7.01	6.32	13.34	11.25	30.00	18.75	7.89	8.20	16.09	12.07	36.00	23.93
	44	7.40	6.57	13.97	11.45	30.00	18.55	8.32	8.53	16.84	12.26	36.00	23.74

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	37	0.00	-13.23	1.96	20.17	0.51	8.90	9.41	-13.78	2.05	20.17	1.13	8.44	9.57
	40	0.00	-13.36	1.96	20.17	0.51	8.77	9.28	-13.77	2.05	20.17	1.13	8.45	9.58
	44	0.00	-13.15	1.96	20.17	0.51	8.98	9.49	-13.40	2.05	20.17	1.13	8.82	9.95
5550	37	0.00	-13.68	1.96	20.16	0.51	8.44	8.95	-13.74	2.04	20.17	1.13	8.47	9.60
	40	0.00	-13.75	1.96	20.16	0.51	8.37	8.88	-13.77	2.04	20.17	1.13	8.44	9.57
	44	0.00	-13.70	1.96	20.16	0.51	8.42	8.93	-13.75	2.04	20.17	1.13	8.46	9.59
5670	37	0.00	-13.78	1.94	20.16	0.51	8.33	8.84	-14.01	2.02	20.17	1.13	8.18	9.31
	40	0.00	-13.89	1.94	20.16	0.51	8.22	8.73	-13.99	2.02	20.17	1.13	8.20	9.33
	44	0.00	-13.75	1.94	20.16	0.51	8.36	8.87	-13.86	2.02	20.17	1.13	8.33	9.46
5710	37	0.00	-13.70	1.94	20.16	0.51	8.40	8.91	-14.15	2.01	20.17	1.13	8.04	9.17
	40	0.00	-14.00	1.94	20.16	0.51	8.10	8.61	-14.18	2.01	20.17	1.13	8.01	9.14
	44	0.00	-13.58	1.94	20.16	0.51	8.52	9.03	-14.08	2.01	20.17	1.13	8.11	9.24
5755	37	0.00	-13.72	1.98	20.16	0.51	8.42	8.93	-13.97	2.05	20.17	1.13	8.25	9.38
	40	0.00	-13.73	1.98	20.16	0.51	8.41	8.92	-14.04	2.05	20.17	1.13	8.18	9.31
	44	0.00	-13.59	1.98	20.16	0.51	8.55	9.06	-13.86	2.05	20.17	1.13	8.36	9.49
5795	37	0.00	-13.64	1.97	20.16	0.51	8.49	9.00	-14.12	2.03	20.17	1.13	8.09	9.22
	40	0.00	-13.67	1.97	20.16	0.51	8.46	8.97	-14.20	2.03	20.17	1.13	8.01	9.14
	44	0.00	-13.44	1.97	20.16	0.51	8.69	9.20	-14.03	2.03	20.17	1.13	8.18	9.31

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (38.564 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 106-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	53	7.75	6.87	14.62	11.65	23.97	12.32	10.05	8.92	18.97	12.78	29.97	17.19
	54	7.47	6.57	14.03	11.47	23.97	12.50	9.69	8.52	18.20	12.60	29.97	17.37
	56	7.43	6.81	14.24	11.54	23.97	12.43	9.64	8.84	18.48	12.67	29.97	17.30
5230	53	7.43	6.63	14.06	11.48	23.97	12.49	9.64	8.60	18.24	12.61	29.97	17.36
	54	7.13	6.50	13.62	11.34	23.97	12.63	9.25	8.43	17.67	12.47	29.97	17.50
	56	7.48	6.72	14.21	11.52	23.97	12.45	9.70	8.72	18.43	12.65	29.97	17.32
5270	53	7.31	6.59	13.90	11.43	23.97	12.54	9.48	8.55	18.03	12.56	29.97	17.41
	54	7.16	6.71	13.87	11.42	23.97	12.55	9.29	8.71	18.00	12.55	29.97	17.42
	56	7.17	6.89	14.06	11.48	23.97	12.49	9.31	8.93	18.24	12.61	29.97	17.36
5310	53	7.46	6.63	14.09	11.49	23.97	12.48	9.67	8.60	18.27	12.62	29.97	17.35
	54	6.94	6.23	13.17	11.20	23.97	12.77	9.01	8.08	17.09	12.33	29.97	17.64
	56	7.39	6.55	13.94	11.44	23.97	12.53	9.59	8.50	18.09	12.57	29.97	17.40

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	53	0.00	-13.19	1.91	20.17	1.13	8.89	10.02	-13.76	1.96	20.18	1.13	8.37	9.50
	54	0.00	-13.35	1.91	20.17	1.13	8.73	9.86	-13.96	1.96	20.18	1.13	8.17	9.30
	56	0.00	-13.37	1.91	20.17	1.13	8.71	9.84	-13.80	1.96	20.18	1.13	8.33	9.46
5230	53	0.00	-13.37	1.91	20.17	1.13	8.71	9.84	-13.92	1.96	20.18	1.13	8.22	9.35
	54	0.00	-13.55	1.91	20.17	1.13	8.53	9.66	-14.01	1.96	20.18	1.13	8.13	9.26
	56	0.00	-13.34	1.91	20.17	1.13	8.74	9.87	-13.86	1.96	20.18	1.13	8.28	9.41
5270	53	0.00	-13.45	1.92	20.17	1.13	8.64	9.77	-13.96	1.98	20.18	1.13	8.19	9.32
	54	0.00	-13.54	1.92	20.17	1.13	8.55	9.68	-13.88	1.98	20.18	1.13	8.27	9.40
	56	0.00	-13.53	1.92	20.17	1.13	8.56	9.69	-13.77	1.98	20.18	1.13	8.38	9.51
5310	53	0.00	-13.36	1.92	20.17	1.13	8.73	9.86	-13.94	1.98	20.18	1.13	8.21	9.34
	54	0.00	-13.67	1.92	20.17	1.13	8.42	9.55	-14.21	1.98	20.18	1.13	7.94	9.07
	56	0.00	-13.40	1.92	20.17	1.13	8.69	9.82	-13.99	1.98	20.18	1.13	8.16	9.29

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (38.757 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 106-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	53	7.09	7.40	14.49	11.61	23.97	12.36	9.20	9.60	18.79	12.74	29.97	17.23
	54	6.87	6.89	13.75	11.38	23.97	12.59	8.91	8.94	17.84	12.51	29.97	17.46
	56	7.19	7.40	14.59	11.64	23.97	12.33	9.33	9.60	18.92	12.77	29.97	17.20
5550	53	6.81	7.34	14.15	11.51	23.97	12.46	8.83	9.52	18.35	12.64	29.97	17.33
	54	6.49	7.02	13.51	11.31	23.97	12.66	8.42	9.11	17.53	12.44	29.97	17.53
	56	6.66	7.52	14.18	11.52	23.97	12.45	8.63	9.76	18.39	12.65	29.97	17.32
5670	53	6.12	6.67	12.79	11.07	23.97	12.90	7.94	8.66	16.59	12.20	29.97	17.77
	54	6.08	6.66	12.73	11.05	23.97	12.92	7.88	8.64	16.52	12.18	29.97	17.79
	56	6.33	6.88	13.21	11.21	23.97	12.76	8.22	8.92	17.13	12.34	29.97	17.63
5710	53	6.41	6.42	12.83	11.08	23.97	12.89	8.32	8.33	16.65	12.21	29.97	17.76
	54	6.11	6.33	12.44	10.95	23.97	13.02	7.93	8.21	16.14	12.08	29.97	17.89
	56	6.56	6.60	13.16	11.19	23.97	12.78	8.51	8.56	17.08	12.32	29.97	17.65
5755	53	6.38	6.52	12.89	11.10	30.00	18.90	8.27	8.45	16.73	12.23	36.00	23.77
	54	6.23	6.53	12.76	11.06	30.00	18.94	8.08	8.47	16.56	12.19	36.00	23.81
	56	6.60	6.76	13.36	11.26	30.00	18.74	8.56	8.77	17.33	12.39	36.00	23.61
5795	53	6.52	6.71	13.23	11.21	30.00	18.79	8.45	8.71	17.16	12.34	36.00	23.66
	54	6.32	6.53	12.85	11.09	30.00	18.91	8.20	8.47	16.67	12.22	36.00	23.78
	56	6.75	6.96	13.71	11.37	30.00	18.63	8.75	9.03	17.78	12.50	36.00	23.50

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	53	0.00	-13.62	1.96	20.17	1.13	8.51	9.64	-13.53	2.05	20.17	1.13	8.69	9.82
	54	0.00	-13.76	1.96	20.17	1.13	8.37	9.50	-13.84	2.05	20.17	1.13	8.38	9.51
	56	0.00	-13.56	1.96	20.17	1.13	8.57	9.70	-13.53	2.05	20.17	1.13	8.69	9.82
5550	53	0.00	-13.79	1.96	20.16	1.13	8.33	9.46	-13.56	2.04	20.17	1.13	8.65	9.78
	54	0.00	-14.00	1.96	20.16	1.13	8.12	9.25	-13.75	2.04	20.17	1.13	8.46	9.59
	56	0.00	-13.89	1.96	20.16	1.13	8.23	9.36	-13.45	2.04	20.17	1.13	8.76	9.89
5670	53	0.00	-14.24	1.94	20.16	1.13	7.87	9.00	-13.95	2.02	20.17	1.13	8.24	9.37
	54	0.00	-14.27	1.94	20.16	1.13	7.84	8.97	-13.96	2.02	20.17	1.13	8.23	9.36
	56	0.00	-14.09	1.94	20.16	1.13	8.02	9.15	-13.82	2.02	20.17	1.13	8.37	9.50
5710	53	0.00	-14.03	1.94	20.16	1.13	8.07	9.20	-14.11	2.01	20.17	1.13	8.08	9.21
	54	0.00	-14.24	1.94	20.16	1.13	7.86	8.99	-14.17	2.01	20.17	1.13	8.02	9.15
	56	0.00	-13.93	1.94	20.16	1.13	8.17	9.30	-13.99	2.01	20.17	1.13	8.20	9.33
5755	53	0.00	-14.09	1.98	20.16	1.13	8.05	9.18	-14.08	2.05	20.17	1.13	8.14	9.27
	54	0.00	-14.19	1.98	20.16	1.13	7.95	9.08	-14.07	2.05	20.17	1.13	8.15	9.28
	56	0.00	-13.94	1.98	20.16	1.13	8.20	9.33	-13.92	2.05	20.17	1.13	8.30	9.43
5795	53	0.00	-13.99	1.97	20.16	1.13	8.14	9.27	-13.94	2.03	20.17	1.13	8.27	9.40
	54	0.00	-14.12	1.97	20.16	1.13	8.01	9.14	-14.06	2.03	20.17	1.13	8.15	9.28
	56	0.00	-13.84	1.97	20.16	1.13	8.29	9.42	-13.78	2.03	20.17	1.13	8.43	9.56

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (38.757 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 106-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	53	7.10	6.28	13.38	11.27	23.97	12.70	7.98	8.15	16.13	12.08	29.97	17.89
	54	6.69	5.92	12.60	11.01	23.97	12.96	7.52	7.68	15.20	11.82	29.97	18.15
	56	6.70	6.27	12.97	11.13	23.97	12.84	7.54	8.13	15.67	11.95	29.97	18.02
5230	53	6.59	6.13	12.72	11.05	23.97	12.92	7.41	7.96	15.37	11.87	29.97	18.10
	54	6.58	5.97	12.54	10.98	23.97	12.99	7.40	7.74	15.13	11.80	29.97	18.17
	56	6.78	6.16	12.94	11.12	23.97	12.85	7.62	7.99	15.61	11.93	29.97	18.04
5270	53	7.36	7.40	14.76	11.69	23.97	12.28	8.28	9.59	17.87	12.52	29.97	17.45
	54	7.03	6.79	13.82	11.41	23.97	12.56	7.90	8.81	16.71	12.23	29.97	17.74
	56	7.27	7.20	14.47	11.60	23.97	12.37	8.18	9.33	17.51	12.43	29.97	17.54
5310	53	7.51	6.77	14.28	11.55	23.97	12.42	8.45	8.78	17.22	12.36	29.97	17.61
	54	7.14	6.58	13.72	11.37	23.97	12.60	8.03	8.54	16.57	12.19	29.97	17.78
	56	7.44	6.77	14.21	11.53	23.97	12.44	8.37	8.78	17.15	12.34	29.97	17.63

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	53	0.00	-13.57	1.91	20.17	0.51	8.51	9.02	-14.15	1.96	20.18	1.13	7.98	9.11
	54	0.00	-13.83	1.91	20.17	0.51	8.25	8.76	-14.41	1.96	20.18	1.13	7.72	8.85
	56	0.00	-13.82	1.91	20.17	0.51	8.26	8.77	-14.16	1.96	20.18	1.13	7.97	9.10
5230	53	0.00	-13.89	1.91	20.17	0.51	8.19	8.70	-14.26	1.96	20.18	1.13	7.88	9.01
	54	0.00	-13.90	1.91	20.17	0.51	8.18	8.69	-14.38	1.96	20.18	1.13	7.76	8.89
	56	0.00	-13.77	1.91	20.17	0.51	8.31	8.82	-14.24	1.96	20.18	1.13	7.90	9.03
5270	53	0.00	-13.42	1.92	20.17	0.51	8.67	9.18	-13.46	1.98	20.18	1.13	8.69	9.82
	54	0.00	-13.62	1.92	20.17	0.51	8.47	8.98	-13.83	1.98	20.18	1.13	8.32	9.45
	56	0.00	-13.47	1.92	20.17	0.51	8.62	9.13	-13.58	1.98	20.18	1.13	8.57	9.70
5310	53	0.00	-13.33	1.92	20.17	0.51	8.76	9.27	-13.85	1.98	20.18	1.13	8.30	9.43
	54	0.00	-13.55	1.92	20.17	0.51	8.54	9.05	-13.97	1.98	20.18	1.13	8.18	9.31
	56	0.00	-13.37	1.92	20.17	0.51	8.72	9.23	-13.85	1.98	20.18	1.13	8.30	9.43

Sample Calculation:

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

e.i.r.p. Result = Conducted Power Result + [dBi] Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (38.757 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 106-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	53	7.11	7.50	14.61	11.65	23.97	12.32	7.99	9.73	17.72	12.49	29.97	17.48
	54	6.94	7.23	14.17	11.52	23.97	12.45	7.81	9.38	17.19	12.35	29.97	17.62
	56	7.03	7.55	14.58	11.64	23.97	12.33	7.90	9.80	17.70	12.48	29.97	17.49
5550	53	6.70	7.30	14.00	11.46	23.97	12.51	7.54	9.47	17.01	12.31	29.97	17.66
	54	6.61	7.01	13.61	11.34	23.97	12.63	7.43	9.09	16.52	12.18	29.97	17.79
	56	6.83	7.49	14.31	11.56	23.97	12.41	7.68	9.71	17.39	12.40	29.97	17.57
5670	53	6.26	6.94	13.20	11.21	23.97	12.76	7.04	9.00	16.04	12.05	29.97	17.92
	54	6.16	6.64	12.80	11.07	23.97	12.90	6.93	8.62	15.54	11.92	29.97	18.05
	56	6.12	6.77	12.88	11.10	23.97	12.87	6.88	8.78	15.66	11.95	29.97	18.02
5710	53	6.67	6.68	13.35	11.25	23.97	12.72	7.50	8.66	16.16	12.09	29.97	17.88
	54	6.27	6.47	12.73	11.05	23.97	12.92	7.05	8.39	15.44	11.89	29.97	18.08
	56	6.65	7.12	13.78	11.39	23.97	12.58	7.48	9.24	16.72	12.23	29.97	17.74
5755	53	6.38	6.89	13.26	11.23	30.00	18.77	7.17	8.93	16.11	12.07	36.00	23.93
	54	6.29	6.76	13.05	11.16	30.00	18.84	7.07	8.77	15.84	12.00	36.00	24.00
	56	6.65	7.00	13.65	11.35	30.00	18.65	7.48	9.08	16.55	12.19	36.00	23.81
5795	53	6.62	6.87	13.49	11.30	30.00	18.70	7.45	8.91	16.36	12.14	36.00	23.86
	54	6.52	6.88	13.40	11.27	30.00	18.73	7.33	8.93	16.26	12.11	36.00	23.89
	56	6.75	7.39	14.14	11.50	30.00	18.50	7.59	9.59	17.18	12.35	36.00	23.65

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	53	0.00	-13.61	1.96	20.17	0.51	8.52	9.03	-13.47	2.05	20.17	1.13	8.75	9.88
	54	0.00	-13.71	1.96	20.17	0.51	8.42	8.93	-13.63	2.05	20.17	1.13	8.59	9.72
	56	0.00	-13.66	1.96	20.17	0.51	8.47	8.98	-13.44	2.05	20.17	1.13	8.78	9.91
5550	53	0.00	-13.86	1.96	20.16	0.51	8.26	8.77	-13.58	2.04	20.17	1.13	8.63	9.76
	54	0.00	-13.92	1.96	20.16	0.51	8.20	8.71	-13.76	2.04	20.17	1.13	8.45	9.58
	56	0.00	-13.78	1.96	20.16	0.51	8.34	8.85	-13.47	2.04	20.17	1.13	8.74	9.87
5670	53	0.00	-14.14	1.94	20.16	0.51	7.97	8.48	-13.78	2.02	20.17	1.13	8.41	9.54
	54	0.00	-14.21	1.94	20.16	0.51	7.90	8.41	-13.97	2.02	20.17	1.13	8.22	9.35
	56	0.00	-14.24	1.94	20.16	0.51	7.87	8.38	-13.89	2.02	20.17	1.13	8.30	9.43
5710	53	0.00	-13.86	1.94	20.16	0.51	8.24	8.75	-13.94	2.01	20.17	1.13	8.25	9.38
	54	0.00	-14.13	1.94	20.16	0.51	7.97	8.48	-14.08	2.01	20.17	1.13	8.11	9.24
	56	0.00	-13.87	1.94	20.16	0.51	8.23	8.74	-13.66	2.01	20.17	1.13	8.53	9.66
5755	53	0.00	-14.09	1.98	20.16	0.51	8.05	8.56	-13.84	2.05	20.17	1.13	8.38	9.51
	54	0.00	-14.15	1.98	20.16	0.51	7.99	8.50	-13.92	2.05	20.17	1.13	8.30	9.43
	56	0.00	-13.91	1.98	20.16	0.51	8.23	8.74	-13.77	2.05	20.17	1.13	8.45	9.58
5795	53	0.00	-13.92	1.97	20.16	0.51	8.21	8.72	-13.84	2.03	20.17	1.13	8.37	9.50
	54	0.00	-13.99	1.97	20.16	0.51	8.14	8.65	-13.83	2.03	20.17	1.13	8.38	9.51
	56	0.00	-13.84	1.97	20.16	0.51	8.29	8.80	-13.52	2.03	20.17	1.13	8.69	9.82

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (38.757 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 242-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	61	7.43	6.57	14.00	11.46	23.97	12.51	9.64	8.52	18.16	12.59	29.97	17.38
	62	7.55	6.69	14.24	11.54	23.97	12.43	9.80	8.67	18.47	12.67	29.97	17.30
5230	61	7.23	6.44	13.66	11.36	23.97	12.61	9.37	8.35	17.72	12.49	29.97	17.48
	62	7.23	6.57	13.80	11.40	23.97	12.57	9.37	8.52	17.90	12.53	29.97	17.44
5270	61	7.19	6.59	13.78	11.39	23.97	12.58	9.33	8.55	17.88	12.52	29.97	17.45
	62	7.22	6.70	13.92	11.44	23.97	12.53	9.37	8.69	18.06	12.57	29.97	17.40
5310	61	7.42	6.37	13.80	11.40	23.97	12.57	9.63	8.27	17.90	12.53	29.97	17.44
	62	7.39	6.51	13.90	11.43	23.97	12.54	9.59	8.44	18.03	12.56	29.97	17.41

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	61	0.00	-13.37	1.91	20.17	1.13	8.71	9.84	-13.96	1.96	20.18	1.13	8.17	9.30
	62	0.00	-13.30	1.91	20.17	1.13	8.78	9.91	-13.88	1.96	20.18	1.13	8.25	9.38
5230	61	0.00	-13.49	1.91	20.17	1.13	8.59	9.72	-14.05	1.96	20.18	1.13	8.09	9.22
	62	0.00	-13.49	1.91	20.17	1.13	8.59	9.72	-13.96	1.96	20.18	1.13	8.18	9.31
5270	61	0.00	-13.52	1.92	20.17	1.13	8.57	9.70	-13.96	1.98	20.18	1.13	8.19	9.32
	62	0.00	-13.50	1.92	20.17	1.13	8.59	9.72	-13.89	1.98	20.18	1.13	8.26	9.39
5310	61	0.00	-13.38	1.92	20.17	1.13	8.71	9.84	-14.11	1.98	20.18	1.13	8.04	9.17
	62	0.00	-13.40	1.92	20.17	1.13	8.69	9.82	-14.02	1.98	20.18	1.13	8.13	9.26

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (41.660 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024
Temperature / Humidity	22 deg. C / 31 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 242-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	61	6.85	7.35	14.20	11.52	23.97	12.45	8.88	9.53	18.42	12.65	29.97	17.32
	62	6.74	7.30	14.04	11.47	23.97	12.50	8.74	9.47	18.21	12.60	29.97	17.37
5550	61	6.44	7.17	13.61	11.34	23.97	12.63	8.36	9.30	17.66	12.47	29.97	17.50
	62	6.67	7.34	14.01	11.46	23.97	12.51	8.65	9.52	18.17	12.59	29.97	17.38
5670	61	6.06	6.60	12.66	11.02	23.97	12.95	7.86	8.56	16.42	12.15	29.97	17.82
	62	5.98	6.60	12.58	11.00	23.97	12.97	7.76	8.56	16.31	12.13	29.97	17.84
5710	61	6.24	6.19	12.43	10.94	23.97	13.03	8.09	8.03	16.12	12.07	29.97	17.90
	62	6.27	6.39	12.66	11.02	23.97	12.95	8.13	8.29	16.42	12.15	29.97	17.82
5755	61	7.04	7.36	14.40	11.58	30.00	18.42	9.13	9.55	18.68	12.71	36.00	23.29
	62	7.22	7.38	14.60	11.64	30.00	18.36	9.37	9.57	18.94	12.77	36.00	23.23
5795	61	7.26	7.50	14.76	11.69	30.00	18.31	9.42	9.72	19.14	12.82	36.00	23.18
	62	7.43	7.57	15.00	11.76	30.00	18.24	9.64	9.81	19.45	12.89	36.00	23.11

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	61	0.00	-13.77	1.96	20.17	1.13	8.36	9.49	-13.56	2.05	20.17	1.13	8.66	9.79
	62	0.00	-13.84	1.96	20.17	1.13	8.29	9.42	-13.59	2.05	20.17	1.13	8.63	9.76
5550	61	0.00	-14.03	1.96	20.16	1.13	8.09	9.22	-13.66	2.04	20.17	1.13	8.55	9.68
	62	0.00	-13.88	1.96	20.16	1.13	8.24	9.37	-13.56	2.04	20.17	1.13	8.65	9.78
5670	61	0.00	-14.28	1.94	20.16	1.13	7.83	8.96	-14.00	2.02	20.17	1.13	8.19	9.32
	62	0.00	-14.34	1.94	20.16	1.13	7.77	8.90	-14.00	2.02	20.17	1.13	8.19	9.32
5710	61	0.00	-14.15	1.94	20.16	1.13	7.95	9.08	-14.27	2.01	20.17	1.13	7.92	9.05
	62	0.00	-14.13	1.94	20.16	1.13	7.97	9.10	-14.13	2.01	20.17	1.13	8.06	9.19
5755	61	0.00	-13.66	1.98	20.16	1.13	8.48	9.61	-13.55	2.05	20.17	1.13	8.67	9.80
	62	0.00	-13.55	1.98	20.16	1.13	8.59	9.72	-13.54	2.05	20.17	1.13	8.68	9.81
5795	61	0.00	-13.52	1.97	20.16	1.13	8.61	9.74	-13.46	2.03	20.17	1.13	8.75	9.88
	62	0.00	-13.42	1.97	20.16	1.13	8.71	9.84	-13.42	2.03	20.17	1.13	8.79	9.92

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)

For all test frequencies, B was applied the minimum value (41.660 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 242-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	61	7.18	6.37	13.55	11.32	23.97	12.65	8.07	8.27	16.34	12.13	29.97	17.84
	62	6.78	6.23	13.01	11.14	23.97	12.83	7.62	8.08	15.70	11.96	29.97	18.01
5230	61	6.68	5.99	12.68	11.03	23.97	12.94	7.52	7.77	15.29	11.84	29.97	18.13
	62	6.74	6.15	12.89	11.10	23.97	12.87	7.59	7.97	15.56	11.92	29.97	18.05
5270	61	7.11	6.97	14.08	11.48	23.97	12.49	7.99	9.04	17.03	12.31	29.97	17.66
	62	7.21	7.00	14.21	11.52	23.97	12.45	8.11	9.08	17.18	12.35	29.97	17.62
5310	61	7.32	6.80	14.12	11.50	23.97	12.47	8.23	8.82	17.05	12.32	29.97	17.65
	62	7.34	6.72	14.06	11.48	23.97	12.49	8.25	8.72	16.97	12.30	29.97	17.67

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	61	0.00	-13.52	1.91	20.17	0.51	8.56	9.07	-14.09	1.96	20.18	1.13	8.04	9.17
	62	0.00	-13.77	1.91	20.17	0.51	8.31	8.82	-14.19	1.96	20.18	1.13	7.94	9.07
5230	61	0.00	-13.83	1.91	20.17	0.51	8.25	8.76	-14.36	1.96	20.18	1.13	7.78	8.91
	62	0.00	-13.79	1.91	20.17	0.51	8.29	8.80	-14.25	1.96	20.18	1.13	7.89	9.02
5270	61	0.00	-13.57	1.92	20.17	0.51	8.52	9.03	-13.72	1.98	20.18	1.13	8.43	9.56
	62	0.00	-13.51	1.92	20.17	0.51	8.58	9.09	-13.70	1.98	20.18	1.13	8.45	9.58
5310	61	0.00	-13.44	1.92	20.17	0.51	8.65	9.16	-13.83	1.98	20.18	1.13	8.32	9.45
	62	0.00	-13.43	1.92	20.17	0.51	8.66	9.17	-13.88	1.98	20.18	1.13	8.27	9.40

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)

For all test frequencies, B was applied the minimum value (41.660 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 242-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	61	6.93	7.57	14.50	11.61	23.97	12.36	7.79	9.82	17.61	12.46	29.97	17.51
	62	7.06	7.48	14.54	11.63	23.97	12.34	7.94	9.71	17.65	12.47	29.97	17.50
5550	61	6.73	7.40	14.14	11.50	23.97	12.47	7.57	9.60	17.17	12.35	29.97	17.62
	62	6.70	7.66	14.36	11.57	23.97	12.40	7.54	9.94	17.48	12.42	29.97	17.55
5670	61	6.12	6.83	12.95	11.12	23.97	12.85	6.88	8.86	15.74	11.97	29.97	18.00
	62	6.19	6.89	13.08	11.17	23.97	12.80	6.96	8.94	15.90	12.01	29.97	17.96
5710	61	6.38	6.56	12.94	11.12	23.97	12.85	7.18	8.50	15.68	11.95	29.97	18.02
	62	6.44	6.63	13.07	11.16	23.97	12.81	7.25	8.60	15.85	12.00	29.97	17.97
5755	61	6.50	6.68	13.18	11.20	30.00	18.80	7.30	8.67	15.98	12.03	36.00	23.97
	62	6.56	6.87	13.43	11.28	30.00	18.72	7.37	8.91	16.29	12.12	36.00	23.88
5795	61	6.56	6.93	13.49	11.30	30.00	18.70	7.38	8.99	16.37	12.14	36.00	23.86
	62	6.58	6.98	13.56	11.32	30.00	18.68	7.40	9.05	16.45	12.16	36.00	23.84

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5510	61	0.00	-13.72	1.96	20.17	0.51	8.41	8.92	-13.43	2.05	20.17	1.13	8.79	9.92
	62	0.00	-13.64	1.96	20.17	0.51	8.49	9.00	-13.48	2.05	20.17	1.13	8.74	9.87
5550	61	0.00	-13.84	1.96	20.16	0.51	8.28	8.79	-13.52	2.04	20.17	1.13	8.69	9.82
	62	0.00	-13.86	1.96	20.16	0.51	8.26	8.77	-13.37	2.04	20.17	1.13	8.84	9.97
5670	61	0.00	-14.24	1.94	20.16	0.51	7.87	8.38	-13.85	2.02	20.17	1.13	8.34	9.47
	62	0.00	-14.19	1.94	20.16	0.51	7.92	8.43	-13.81	2.02	20.17	1.13	8.38	9.51
5710	61	0.00	-14.05	1.94	20.16	0.51	8.05	8.56	-14.02	2.01	20.17	1.13	8.17	9.30
	62	0.00	-14.01	1.94	20.16	0.51	8.09	8.60	-13.97	2.01	20.17	1.13	8.22	9.35
5755	61	0.00	-14.01	1.98	20.16	0.51	8.13	8.64	-13.97	2.05	20.17	1.13	8.25	9.38
	62	0.00	-13.97	1.98	20.16	0.51	8.17	8.68	-13.85	2.05	20.17	1.13	8.37	9.50
5795	61	0.00	-13.96	1.97	20.16	0.51	8.17	8.68	-13.80	2.03	20.17	1.13	8.41	9.54
	62	0.00	-13.95	1.97	20.16	0.51	8.18	8.69	-13.77	2.03	20.17	1.13	8.44	9.57

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)

For all test frequencies, B was applied the minimum value (41.660 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 484-tone RU (CDD)

[Standard Power mode]

11ax-40 (OFDMA)(CDD) 484-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	65	7.55	6.78	14.33	11.56	23.97	12.41	9.80	8.80	18.59	12.69	29.97	17.28
5230	65	7.43	6.90	14.33	11.56	23.97	12.41	9.64	8.95	18.58	12.69	29.97	17.28
5270	65	7.09	6.90	14.00	11.46	23.97	12.51	9.20	8.95	18.15	12.59	29.97	17.38
5310	65	7.44	6.64	14.08	11.49	23.97	12.48	9.65	8.62	18.27	12.62	29.97	17.35
5510	65	6.99	7.25	14.24	11.54	23.97	12.43	9.07	9.40	18.47	12.67	29.97	17.30
5550	65	6.87	7.01	13.88	11.42	23.97	12.55	8.92	9.09	18.00	12.55	29.97	17.42
5670	65	6.26	6.97	13.23	11.22	23.97	12.75	8.12	9.04	17.16	12.35	29.97	17.62
5710	65	6.50	6.62	13.12	11.18	23.97	12.79	8.44	8.58	17.02	12.31	29.97	17.66
5755	65	7.29	7.71	15.00	11.76	30.00	18.24	9.45	10.00	19.46	12.89	36.00	23.11
5795	65	7.60	7.64	15.24	11.83	30.00	18.17	9.86	9.90	19.77	12.96	36.00	23.04

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	65	0.00	-13.30	1.91	20.17	1.13	8.78	9.91	-13.82	1.96	20.18	1.13	8.31	9.44
5230	65	0.00	-13.37	1.91	20.17	1.13	8.71	9.84	-13.75	1.96	20.18	1.13	8.39	9.52
5270	65	0.00	-13.58	1.92	20.17	1.13	8.51	9.64	-13.76	1.98	20.18	1.13	8.39	9.52
5310	65	0.00	-13.37	1.92	20.17	1.13	8.72	9.85	-13.93	1.98	20.18	1.13	8.22	9.35
5510	65	0.00	-13.68	1.96	20.17	1.13	8.45	9.58	-13.62	2.05	20.17	1.13	8.60	9.73
5550	65	0.00	-13.75	1.96	20.16	1.13	8.37	9.50	-13.76	2.04	20.17	1.13	8.45	9.58
5670	65	0.00	-14.14	1.94	20.16	1.13	7.97	9.10	-13.76	2.02	20.17	1.13	8.43	9.56
5710	65	0.00	-13.97	1.94	20.16	1.13	8.13	9.26	-13.98	2.01	20.17	1.13	8.21	9.34
5755	65	0.00	-13.51	1.98	20.16	1.13	8.63	9.76	-13.35	2.05	20.17	1.13	8.87	10.00
5795	65	0.00	-13.32	1.97	20.16	1.13	8.81	9.94	-13.38	2.03	20.17	1.13	8.83	9.96

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (43.267 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-40 (OFDMA) 484-tone RU (SDM)

[Standard Power mode]

11ax-40 (OFDMA)(SDM) 484-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	65	7.75	6.97	14.72	11.68	23.97	12.29	8.71	9.04	17.75	12.49	29.97	17.48
5230	65	7.48	6.77	14.25	11.54	23.97	12.43	8.41	8.78	17.20	12.35	29.97	17.62
5270	65	7.26	7.00	14.26	11.54	23.97	12.43	8.16	9.08	17.24	12.37	29.97	17.60
5310	65	7.44	6.83	14.27	11.54	23.97	12.43	8.37	8.86	17.23	12.36	29.97	17.61
5510	65	7.09	7.47	14.56	11.63	23.97	12.34	7.97	9.69	17.66	12.47	29.97	17.50
5550	65	6.78	7.61	14.39	11.58	23.97	12.39	7.62	9.87	17.50	12.43	29.97	17.54
5670	65	6.23	7.02	13.25	11.22	23.97	12.75	7.01	9.11	16.11	12.07	29.97	17.90
5710	65	6.56	6.82	13.38	11.26	23.97	12.71	7.38	8.84	16.22	12.10	29.97	17.87
5755	65	7.36	7.60	14.96	11.75	30.00	18.25	8.27	9.86	18.14	12.59	36.00	23.41
5795	65	7.71	7.74	15.45	11.89	30.00	18.11	8.67	10.04	18.71	12.72	36.00	23.28

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5190	65	0.00	-13.19	1.91	20.17	0.51	8.89	9.40	-13.70	1.96	20.18	1.13	8.43	9.56
5230	65	0.00	-13.34	1.91	20.17	0.51	8.74	9.25	-13.83	1.96	20.18	1.13	8.31	9.44
5270	65	0.00	-13.48	1.92	20.17	0.51	8.61	9.12	-13.70	1.98	20.18	1.13	8.45	9.58
5310	65	0.00	-13.37	1.92	20.17	0.51	8.72	9.23	-13.81	1.98	20.18	1.13	8.34	9.47
5510	65	0.00	-13.62	1.96	20.17	0.51	8.51	9.02	-13.49	2.05	20.17	1.13	8.73	9.86
5550	65	0.00	-13.81	1.96	20.16	0.51	8.31	8.82	-13.40	2.04	20.17	1.13	8.81	9.94
5670	65	0.00	-14.16	1.94	20.16	0.51	7.95	8.46	-13.73	2.02	20.17	1.13	8.46	9.59
5710	65	0.00	-13.93	1.94	20.16	0.51	8.17	8.68	-13.85	2.01	20.17	1.13	8.34	9.47
5755	65	0.00	-13.47	1.98	20.16	0.51	8.67	9.18	-13.41	2.05	20.17	1.13	8.81	9.94
5795	65	0.00	-13.26	1.97	20.16	0.51	8.87	9.38	-13.32	2.03	20.17	1.13	8.89	10.02

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (43.267 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-80 (CDD)

[Standard Power mode]

11ac-80 (CDD)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	6.63	5.58	12.21	10.87	23.97	13.10	8.60	7.24	15.84	12.00	29.97	17.97
5290	7.13	6.25	13.39	11.27	23.97	12.70	9.25	8.11	17.36	12.40	29.97	17.57
5530	7.15	7.12	14.27	11.55	23.97	12.42	9.28	9.24	18.52	12.68	29.97	17.29
5610	7.20	7.29	14.49	11.61	23.97	12.36	9.34	9.46	18.80	12.74	29.97	17.23
5690	7.29	6.28	13.58	11.33	23.97	12.64	9.46	8.15	17.61	12.46	29.97	17.51
5775	7.81	7.04	14.85	11.72	30.00	18.28	10.13	9.13	19.26	12.85	36.00	23.15

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0.00	-13.86	1.91	20.17	1.13	8.22	9.35	-14.66	1.95	20.18	1.13	7.47	8.60
5290	0.00	-13.55	1.91	20.17	1.13	8.53	9.66	-14.18	1.96	20.18	1.13	7.96	9.09
5530	0.00	-13.58	1.96	20.17	1.13	8.54	9.67	-13.69	2.04	20.17	1.13	8.53	9.66
5610	0.00	-13.54	1.95	20.17	1.13	8.57	9.70	-13.57	2.03	20.17	1.13	8.63	9.76
5690	0.00	-13.47	1.93	20.17	1.13	8.63	9.76	-14.20	2.01	20.17	1.13	7.98	9.11
5775	0.00	-13.20	1.96	20.17	1.13	8.93	10.06	-13.73	2.03	20.17	1.13	8.47	9.60

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (88.351 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-80 (SDM)

[Standard Power mode]

11ac-80 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	7.48	6.66	14.14	11.50	23.97	12.47	8.41	8.64	17.05	12.32	29.97	17.65
5290	7.21	6.39	13.60	11.33	23.97	12.64	8.11	8.28	16.40	12.15	29.97	17.82
5530	7.20	7.04	14.24	11.54	23.97	12.43	8.10	9.13	17.23	12.36	29.97	17.61
5610	7.13	7.05	14.18	11.52	23.97	12.45	8.02	9.14	17.16	12.35	29.97	17.62
5690	7.26	6.33	13.59	11.33	23.97	12.64	8.17	8.21	16.37	12.14	29.97	17.83
5775	7.81	7.00	14.82	11.71	30.00	18.29	8.79	9.08	17.87	12.52	36.00	23.48

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0.00	-13.34	1.91	20.17	0.51	8.74	9.25	-13.89	1.95	20.18	1.13	8.24	9.37
5290	0.00	-13.50	1.91	20.17	0.51	8.58	9.09	-14.09	1.96	20.18	1.13	8.05	9.18
5530	0.00	-13.55	1.96	20.17	0.51	8.57	9.08	-13.74	2.04	20.17	1.13	8.48	9.61
5610	0.00	-13.58	1.95	20.17	0.51	8.53	9.04	-13.72	2.03	20.17	1.13	8.48	9.61
5690	0.00	-13.49	1.93	20.17	0.51	8.61	9.12	-14.17	2.01	20.17	1.13	8.01	9.14
5775	0.00	-13.20	1.96	20.17	0.51	8.93	9.44	-13.75	2.03	20.17	1.13	8.45	9.58

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (88.351 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-80 (OFDM) (CDD)

[Standard Power mode]

11ax-80 (CDD)

5G_CH0 + 5G_CH1 Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	6.98	5.83	12.81	11.07	23.97	12.90	9.05	7.56	16.61	12.20	29.97	17.77
5290	7.18	6.46	13.64	11.35	23.97	12.62	9.31	8.38	17.69	12.48	29.97	17.49
5530	7.22	7.32	14.54	11.63	23.97	12.34	9.36	9.50	18.86	12.76	29.97	17.21
5610	7.30	7.24	14.54	11.63	23.97	12.34	9.47	9.40	18.86	12.76	29.97	17.21
5690	7.38	6.56	13.94	11.44	23.97	12.53	9.57	8.51	18.09	12.57	29.97	17.40
5775	7.90	7.10	15.00	11.76	30.00	18.24	10.25	9.21	19.46	12.89	36.00	23.11

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0.00	-13.64	1.91	20.17	1.13	8.44	9.57	-14.47	1.95	20.18	1.13	7.66	8.79
5290	0.00	-13.52	1.91	20.17	1.13	8.56	9.69	-14.04	1.96	20.18	1.13	8.10	9.23
5530	0.00	-13.54	1.96	20.17	1.13	8.58	9.71	-13.57	2.04	20.17	1.13	8.65	9.78
5610	0.00	-13.48	1.95	20.17	1.13	8.63	9.76	-13.60	2.03	20.17	1.13	8.60	9.73
5690	0.00	-13.42	1.93	20.17	1.13	8.68	9.81	-14.01	2.01	20.17	1.13	8.17	9.30
5775	0.00	-13.15	1.96	20.17	1.13	8.98	10.11	-13.69	2.03	20.17	1.13	8.51	9.64

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (85.949 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	July 21, 2023
Temperature / Humidity	24 deg. C / 46 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-80 (OFDM) (SDM)

[Standard Power mode]

11ax-80 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	7.49	6.71	14.20	11.52	23.97	12.45	8.43	8.70	17.13	12.34	29.97	17.63
5290	7.08	6.52	13.60	11.34	23.97	12.63	7.96	8.46	16.42	12.15	29.97	17.82
5530	7.10	7.12	14.22	11.53	23.97	12.44	7.99	9.24	17.23	12.36	29.97	17.61
5610	7.35	7.53	14.88	11.73	23.97	12.24	8.26	9.77	18.03	12.56	29.97	17.41
5690	7.38	6.50	13.88	11.42	23.97	12.55	8.30	8.44	16.74	12.24	29.97	17.73
5775	7.88	7.02	14.90	11.73	30.00	18.27	8.87	9.11	17.97	12.55	36.00	23.45

		5G_CH0						**5G_CH1**					
Tested Frequency	Duty Factor *1)	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	Result e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	0.00	-13.33	1.91	20.17	0.51	8.75	9.26	-13.86	1.95	20.18	1.13	8.27	9.40
5290	0.00	-13.58	1.91	20.17	0.51	8.50	9.01	-14.00	1.96	20.18	1.13	8.14	9.27
5530	0.00	-13.61	1.96	20.17	0.51	8.51	9.02	-13.69	2.04	20.17	1.13	8.53	9.66
5610	0.00	-13.45	1.95	20.17	0.51	8.66	9.17	-13.43	2.03	20.17	1.13	8.77	9.90
5690	0.00	-13.42	1.93	20.17	0.51	8.68	9.19	-14.05	2.01	20.17	1.13	8.13	9.26
5775	0.00	-13.16	1.96	20.17	0.51	8.97	9.48	-13.74	2.03	20.17	1.13	8.46	9.59

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)

For all test frequencies, B was applied the minimum value (85.949 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-80 (OFDMA) 26-tone RU (CDD)

[Standard Power mode]

11ax-80 (OFDMA)(CDD) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5290	0	7.11	6.50	13.61	11.34	23.97	12.63	9.22	8.44	17.66	12.47	29.97	17.50
	18	6.76	6.17	12.93	11.11	23.97	12.86	8.76	8.00	16.77	12.24	29.97	17.73
	36	7.22	6.02	13.24	11.22	23.97	12.75	9.37	7.80	17.17	12.35	29.97	17.62
5530	0	6.97	7.26	14.23	11.53	23.97	12.44	9.04	9.41	18.46	12.66	29.97	17.31
	18	7.10	6.82	13.92	11.44	23.97	12.53	9.21	8.85	18.06	12.57	29.97	17.40
	36	7.09	7.24	14.33	11.56	23.97	12.41	9.19	9.39	18.58	12.69	29.97	17.28
5610	0	7.37	7.20	14.57	11.63	23.97	12.34	9.56	9.34	18.90	12.76	29.97	17.21
	18	7.15	7.02	14.17	11.51	23.97	12.46	9.28	9.11	18.38	12.64	29.97	17.33
	36	7.58	7.32	14.89	11.73	23.97	12.24	9.83	9.49	19.32	12.86	29.97	17.11
5690	0	7.17	6.24	13.40	11.27	23.97	12.70	9.30	8.09	17.39	12.40	29.97	17.57
	18	7.15	6.29	13.45	11.29	23.97	12.68	9.28	8.16	17.44	12.42	29.97	17.55
	36	7.44	6.64	14.07	11.48	23.97	12.49	9.65	8.61	18.26	12.61	29.97	17.36
5775	0	6.99	5.89	12.88	11.10	30.00	18.90	9.06	7.65	16.71	12.23	29.97	17.74
	18	6.86	5.94	12.79	11.07	30.00	18.93	8.90	7.70	16.60	12.20	29.97	17.77
	36	7.25	6.48	13.73	11.38	30.00	18.62	9.40	8.40	17.81	12.51	29.97	17.46

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5290	0	0.00	-13.57	1.92	20.17	1.13	8.52	9.65	-14.02	1.98	20.18	1.13	8.13	9.26
	18	0.00	-13.79	1.92	20.17	1.13	8.30	9.43	-14.25	1.98	20.18	1.13	7.90	9.03
	36	0.00	-13.50	1.92	20.17	1.13	8.59	9.72	-14.36	1.98	20.18	1.13	7.79	8.92
5530	0	0.00	-13.69	1.96	20.17	1.13	8.43	9.56	-13.61	2.04	20.17	1.13	8.61	9.74
	18	0.00	-13.61	1.96	20.17	1.13	8.51	9.64	-13.88	2.04	20.17	1.13	8.34	9.47
	36	0.00	-13.62	1.96	20.17	1.13	8.50	9.63	-13.62	2.04	20.17	1.13	8.60	9.73
5610	0	0.00	-13.44	1.95	20.16	1.13	8.67	9.80	-13.63	2.03	20.17	1.13	8.57	9.70
	18	0.00	-13.57	1.95	20.16	1.13	8.54	9.67	-13.74	2.03	20.17	1.13	8.46	9.59
	36	0.00	-13.32	1.95	20.16	1.13	8.79	9.92	-13.56	2.03	20.17	1.13	8.64	9.77
5690	0	0.00	-13.55	1.94	20.16	1.13	8.55	9.68	-14.24	2.02	20.17	1.13	7.95	9.08
	18	0.00	-13.56	1.94	20.16	1.13	8.54	9.67	-14.20	2.02	20.17	1.13	7.99	9.12
	36	0.00	-13.39	1.94	20.16	1.13	8.71	9.84	-13.97	2.02	20.17	1.13	8.22	9.35
5775	0	0.00	-13.69	1.97	20.16	1.13	8.44	9.57	-14.51	2.04	20.17	1.13	7.70	8.83
	18	0.00	-13.77	1.97	20.16	1.13	8.36	9.49	-14.48	2.04	20.17	1.13	7.73	8.86
	36	0.00	-13.53	1.97	20.16	1.13	8.60	9.73	-14.10	2.04	20.17	1.13	8.11	9.24

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (78.398 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-80 (OFDMA) 26-tone RU (SDM)

[Standard Power mode]

11ax-80 (OFDMA)(SDM) 26-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
[MHz]		5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
5290	0	7.53	6.45	13.97	11.45	23.97	12.52	8.47	8.36	16.83	12.26	29.97	17.71
	18	7.46	6.37	13.83	11.41	23.97	12.56	8.39	8.26	16.65	12.22	29.97	17.75
	36	7.62	6.57	14.18	11.52	23.97	12.45	8.56	8.52	17.08	12.33	29.97	17.64
5530	0	7.52	6.96	14.49	11.61	23.97	12.36	8.46	9.03	17.49	12.43	29.97	17.54
	18	7.32	7.03	14.35	11.57	23.97	12.40	8.23	9.12	17.35	12.39	29.97	17.58
	36	7.63	7.46	15.09	11.79	23.97	12.18	8.58	9.68	18.26	12.61	29.97	17.36
5610	0	7.37	7.20	14.57	11.63	23.97	12.34	8.29	9.34	17.63	12.46	29.97	17.51
	18	7.39	7.33	14.72	11.68	23.97	12.29	8.31	9.51	17.82	12.51	29.97	17.46
	36	7.79	7.66	15.45	11.89	23.97	12.08	8.76	9.94	18.70	12.72	29.97	17.25
5690	0	7.68	6.40	14.08	11.49	23.97	12.48	8.64	8.30	16.93	12.29	29.97	17.68
	18	7.47	6.35	13.82	11.41	23.97	12.56	8.40	8.24	16.64	12.21	29.97	17.76
	36	7.86	6.98	14.84	11.71	23.97	12.26	8.84	9.06	17.89	12.53	29.97	17.44
5775	0	6.80	5.99	12.79	11.07	30.00	18.93	7.64	7.77	15.41	11.88	29.97	18.09
	18	7.12	6.12	13.23	11.22	30.00	18.78	8.00	7.93	15.94	12.02	29.97	17.95
	36	7.64	6.74	14.38	11.58	30.00	18.42	8.60	8.74	17.33	12.39	29.97	17.58

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5290	0	0.00	-13.32	1.92	20.17	0.51	8.77	9.28	-14.06	1.98	20.18	1.13	8.09	9.22
	18	0.00	-13.36	1.92	20.17	0.51	8.73	9.24	-14.11	1.98	20.18	1.13	8.04	9.17
	36	0.00	-13.27	1.92	20.17	0.51	8.82	9.33	-13.98	1.98	20.18	1.13	8.17	9.30
5530	0	0.00	-13.36	1.96	20.17	0.51	8.76	9.27	-13.79	2.04	20.17	1.13	8.43	9.56
	18	0.00	-13.48	1.96	20.17	0.51	8.64	9.15	-13.75	2.04	20.17	1.13	8.47	9.60
	36	0.00	-13.30	1.96	20.17	0.51	8.82	9.33	-13.49	2.04	20.17	1.13	8.73	9.86
5610	0	0.00	-13.44	1.95	20.16	0.51	8.67	9.18	-13.63	2.03	20.17	1.13	8.57	9.70
	18	0.00	-13.43	1.95	20.16	0.51	8.68	9.19	-13.55	2.03	20.17	1.13	8.65	9.78
	36	0.00	-13.20	1.95	20.16	0.51	8.91	9.42	-13.36	2.03	20.17	1.13	8.84	9.97
5690	0	0.00	-13.25	1.94	20.16	0.51	8.85	9.36	-14.13	2.02	20.17	1.13	8.06	9.19
	18	0.00	-13.37	1.94	20.16	0.51	8.73	9.24	-14.16	2.02	20.17	1.13	8.03	9.16
	36	0.00	-13.15	1.94	20.16	0.51	8.95	9.46	-13.75	2.02	20.17	1.13	8.44	9.57
5775	0	0.00	-13.81	1.97	20.16	0.51	8.32	8.83	-14.44	2.04	20.17	1.13	7.77	8.90
	18	0.00	-13.61	1.97	20.16	0.51	8.52	9.03	-14.35	2.04	20.17	1.13	7.86	8.99
	36	0.00	-13.30	1.97	20.16	0.51	8.83	9.34	-13.93	2.04	20.17	1.13	8.28	9.41

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (78.398 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-80 (OFDMA) 52-tone RU (CDD)

[Standard Power mode]

11ax-80 (OFDMA)(CDD) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5290	37	7.39	6.66	14.05	11.48	23.97	12.49	9.59	8.63	18.22	12.61	29.97	17.36
	44	7.31	6.73	14.04	11.47	23.97	12.50	9.48	8.73	18.21	12.60	29.97	17.37
	52	7.65	6.92	14.57	11.64	23.97	12.33	9.92	8.98	18.90	12.77	29.97	17.20
5530	37	6.91	6.62	13.53	11.31	23.97	12.66	8.96	8.59	17.55	12.44	29.97	17.53
	44	6.63	6.70	13.32	11.25	23.97	12.72	8.60	8.69	17.28	12.38	29.97	17.59
	52	6.89	7.09	13.99	11.46	23.97	12.51	8.94	9.20	18.14	12.59	29.97	17.38
5610	37	6.13	6.40	12.53	10.98	23.97	12.99	7.95	8.31	16.26	12.11	29.97	17.86
	44	6.19	6.52	12.71	11.04	23.97	12.93	8.02	8.46	16.48	12.17	29.97	17.80
	52	6.46	6.88	13.34	11.25	23.97	12.72	8.38	8.92	17.30	12.38	29.97	17.59
5690	37	6.03	5.74	11.77	10.71	23.97	13.26	7.82	7.45	15.27	11.84	29.97	18.13
	44	5.76	5.89	11.65	10.66	23.97	13.31	7.47	7.64	15.11	11.79	29.97	18.18
	52	6.07	6.17	12.24	10.88	23.97	13.09	7.88	8.00	15.87	12.01	29.97	17.96
5775	37	7.17	6.32	13.48	11.30	30.00	18.70	9.30	8.19	17.49	12.43	29.97	17.54
	44	7.18	6.42	13.60	11.34	30.00	18.66	9.32	8.33	17.64	12.47	29.97	17.50
	52	7.68	6.96	14.64	11.65	30.00	18.35	9.96	9.02	18.99	12.78	29.97	17.19

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5290	37	0.00	-13.40	1.92	20.17	1.13	8.69	9.82	-13.92	1.98	20.18	1.13	8.23	9.36
	44	0.00	-13.45	1.92	20.17	1.13	8.64	9.77	-13.87	1.98	20.18	1.13	8.28	9.41
	52	0.00	-13.25	1.92	20.17	1.13	8.84	9.97	-13.75	1.98	20.18	1.13	8.40	9.53
5530	37	0.00	-13.73	1.96	20.17	1.13	8.39	9.52	-14.01	2.04	20.17	1.13	8.21	9.34
	44	0.00	-13.91	1.96	20.17	1.13	8.21	9.34	-13.96	2.04	20.17	1.13	8.26	9.39
	52	0.00	-13.74	1.96	20.17	1.13	8.38	9.51	-13.71	2.04	20.17	1.13	8.51	9.64
5610	37	0.00	-14.24	1.95	20.16	1.13	7.87	9.00	-14.14	2.03	20.17	1.13	8.06	9.19
	44	0.00	-14.20	1.95	20.16	1.13	7.91	9.04	-14.06	2.03	20.17	1.13	8.14	9.27
	52	0.00	-14.01	1.95	20.16	1.13	8.10	9.23	-13.83	2.03	20.17	1.13	8.37	9.50
5690	37	0.00	-14.30	1.94	20.16	1.13	7.80	8.93	-14.60	2.02	20.17	1.13	7.59	8.72
	44	0.00	-14.50	1.94	20.16	1.13	7.60	8.73	-14.49	2.02	20.17	1.13	7.70	8.83
	52	0.00	-14.27	1.94	20.16	1.13	7.83	8.96	-14.29	2.02	20.17	1.13	7.90	9.03
5775	37	0.00	-13.58	1.97	20.16	1.13	8.55	9.68	-14.21	2.04	20.17	1.13	8.00	9.13
	44	0.00	-13.57	1.97	20.16	1.13	8.56	9.69	-14.14	2.04	20.17	1.13	8.07	9.20
	52	0.00	-13.28	1.97	20.16	1.13	8.85	9.98	-13.79	2.04	20.17	1.13	8.42	9.55

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (79.379 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 19, 2024
Temperature / Humidity	25 deg. C / 46 % RH
Engineer	Yuta Shiba
Mode	Tx 11ax-80 (OFDMA) 52-tone RU (SDM)

[Standard Power mode]

11ax-80 (OFDMA)(SDM) 52-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5290	37	7.48	6.36	13.83	11.41	23.97	12.56	8.41	8.25	16.65	12.22	29.97	17.75
	44	7.22	6.39	13.61	11.34	23.97	12.63	8.12	8.28	16.41	12.15	29.97	17.82
	52	7.43	6.30	13.72	11.37	23.97	12.60	8.35	8.17	16.52	12.18	29.97	17.79
5530	37	7.73	7.29	15.03	11.77	23.97	12.20	8.70	9.46	18.16	12.59	29.97	17.38
	44	7.34	7.04	14.38	11.58	23.97	12.39	8.25	9.14	17.39	12.40	29.97	17.57
	52	7.45	7.39	14.85	11.72	23.97	12.25	8.38	9.59	17.97	12.55	29.97	17.42
5610	37	7.45	7.22	14.67	11.66	23.97	12.31	8.38	9.36	17.74	12.49	29.97	17.48
	44	7.37	7.27	14.64	11.65	23.97	12.32	8.29	9.43	17.71	12.48	29.97	17.49
	52	7.84	7.64	15.49	11.90	23.97	12.07	8.82	9.92	18.74	12.73	29.97	17.24
5690	37	7.72	6.34	14.05	11.48	23.97	12.49	8.68	8.22	16.90	12.28	29.97	17.69
	44	7.56	6.56	14.12	11.50	23.97	12.47	8.50	8.51	17.01	12.31	29.97	17.66
	52	7.84	6.81	14.65	11.66	23.97	12.31	8.82	8.83	17.65	12.47	29.97	17.50
5775	37	7.23	6.14	13.38	11.26	30.00	18.74	8.13	7.97	16.10	12.07	29.97	17.90
	44	7.30	6.29	13.59	11.33	30.00	18.67	8.21	8.16	16.36	12.14	29.97	17.83
	52	7.73	6.60	14.33	11.56	30.00	18.44	8.70	8.56	17.25	12.37	29.97	17.60

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5290	37	0.00	-13.35	1.92	20.17	0.51	8.74	9.25	-14.12	1.98	20.18	1.13	8.03	9.16
	44	0.00	-13.50	1.92	20.17	0.51	8.59	9.10	-14.10	1.98	20.18	1.13	8.05	9.18
	52	0.00	-13.38	1.92	20.17	0.51	8.71	9.22	-14.16	1.98	20.18	1.13	7.99	9.12
5530	37	0.00	-13.24	1.96	20.17	0.51	8.88	9.39	-13.59	2.04	20.17	1.13	8.63	9.76
	44	0.00	-13.47	1.96	20.17	0.51	8.65	9.16	-13.74	2.04	20.17	1.13	8.48	9.61
	52	0.00	-13.40	1.96	20.17	0.51	8.72	9.23	-13.53	2.04	20.17	1.13	8.69	9.82
5610	37	0.00	-13.39	1.95	20.16	0.51	8.72	9.23	-13.62	2.03	20.17	1.13	8.58	9.71
	44	0.00	-13.44	1.95	20.16	0.51	8.67	9.18	-13.59	2.03	20.17	1.13	8.61	9.74
	52	0.00	-13.17	1.95	20.16	0.51	8.94	9.45	-13.37	2.03	20.17	1.13	8.83	9.96
5690	37	0.00	-13.23	1.94	20.16	0.51	8.87	9.38	-14.17	2.02	20.17	1.13	8.02	9.15
	44	0.00	-13.32	1.94	20.16	0.51	8.78	9.29	-14.02	2.02	20.17	1.13	8.17	9.30
	52	0.00	-13.16	1.94	20.16	0.51	8.94	9.45	-13.86	2.02	20.17	1.13	8.33	9.46
5775	37	0.00	-13.54	1.97	20.16	0.51	8.59	9.10	-14.33	2.04	20.17	1.13	7.88	9.01
	44	0.00	-13.50	1.97	20.16	0.51	8.63	9.14	-14.23	2.04	20.17	1.13	7.98	9.11
	52	0.00	-13.25	1.97	20.16	0.51	8.88	9.39	-14.02	2.04	20.17	1.13	8.19	9.32

Sample Calculation:

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

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

Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower

Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (79.379 MHz) as conservative limit.

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

* UNII-1 is the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 106-tone RU (CDD)

[Standard Power mode]

11ax-80 (OFDMA)(CDD) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	53	6.98	5.96	12.95	11.12	23.97	12.85	9.06	7.73	16.79	12.25	29.97	17.72
	56	6.64	5.85	12.49	10.97	23.97	13.00	8.61	7.59	16.20	12.10	29.97	17.87
	60	6.97	6.09	13.05	11.16	23.97	12.81	9.04	7.90	16.93	12.29	29.97	17.68
5290	53	7.04	6.55	13.59	11.33	23.97	12.64	9.13	8.50	17.63	12.46	29.97	17.51
	56	7.01	6.69	13.70	11.37	23.97	12.60	9.09	8.67	17.77	12.50	29.97	17.47
	60	7.32	6.99	14.31	11.56	23.97	12.41	9.50	9.06	18.56	12.69	29.97	17.28
5530	53	6.91	7.39	14.30	11.55	23.97	12.42	8.96	9.59	18.55	12.68	29.97	17.29
	56	6.88	7.46	14.34	11.56	23.97	12.41	8.92	9.68	18.60	12.69	29.97	17.28
	60	6.81	7.63	14.45	11.60	23.97	12.37	8.84	9.90	18.74	12.73	29.97	17.24
5610	53	6.27	7.33	13.61	11.34	23.97	12.63	8.14	9.51	17.65	12.47	29.97	17.50
	56	6.24	7.20	13.44	11.29	23.97	12.68	8.10	9.34	17.44	12.42	29.97	17.55
	60	6.51	7.57	14.08	11.49	23.97	12.48	8.44	9.83	18.27	12.62	29.97	17.35
5690	53	7.20	6.71	13.91	11.43	23.97	12.54	9.34	8.71	18.05	12.56	29.97	17.41
	56	6.94	6.58	13.52	11.31	23.97	12.66	9.00	8.53	17.53	12.44	29.97	17.53
	60	7.13	7.03	14.16	11.51	23.97	12.46	9.26	9.12	18.37	12.64	29.97	17.33
5775	53	6.43	6.19	12.62	11.01	30.00	18.99	8.34	8.02	16.37	12.14	29.97	17.83
	56	6.67	6.16	12.83	11.08	30.00	18.92	8.66	7.99	16.64	12.21	29.97	17.76
	60	7.00	6.61	13.62	11.34	30.00	18.66	9.08	8.58	17.66	12.47	29.97	17.50

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	53	0.00	-13.64	1.91	20.17	1.13	8.44	9.57	-14.38	1.96	20.18	1.13	7.75	8.88
	56	0.00	-13.86	1.91	20.17	1.13	8.22	9.35	-14.46	1.96	20.18	1.13	7.67	8.80
	60	0.00	-13.65	1.91	20.17	1.13	8.43	9.56	-14.29	1.96	20.18	1.13	7.84	8.97
5290	53	0.00	-13.61	1.92	20.17	1.13	8.48	9.61	-13.99	1.98	20.18	1.13	8.16	9.29
	56	0.00	-13.63	1.92	20.17	1.13	8.46	9.59	-13.90	1.98	20.18	1.13	8.25	9.38
	60	0.00	-13.44	1.92	20.17	1.13	8.65	9.78	-13.71	1.98	20.18	1.13	8.44	9.57
5530	53	0.00	-13.73	1.96	20.17	1.13	8.39	9.52	-13.53	2.04	20.17	1.13	8.69	9.82
	56	0.00	-13.75	1.96	20.17	1.13	8.37	9.50	-13.49	2.04	20.17	1.13	8.73	9.86
	60	0.00	-13.79	1.96	20.17	1.13	8.33	9.46	-13.39	2.04	20.17	1.13	8.83	9.96
5610	53	0.00	-14.14	1.95	20.16	1.13	7.97	9.10	-13.55	2.03	20.17	1.13	8.65	9.78
	56	0.00	-14.16	1.95	20.16	1.13	7.95	9.08	-13.63	2.03	20.17	1.13	8.57	9.70
	60	0.00	-13.98	1.95	20.16	1.13	8.13	9.26	-13.41	2.03	20.17	1.13	8.79	9.92
5690	53	0.00	-13.53	1.94	20.16	1.13	8.57	9.70	-13.92	2.02	20.17	1.13	8.27	9.40
	56	0.00	-13.69	1.94	20.16	1.13	8.41	9.54	-14.01	2.02	20.17	1.13	8.18	9.31
	60	0.00	-13.57	1.94	20.16	1.13	8.53	9.66	-13.72	2.02	20.17	1.13	8.47	9.60
5775	53	0.00	-14.05	1.97	20.16	1.13	8.08	9.21	-14.30	2.04	20.17	1.13	7.91	9.04
	56	0.00	-13.89	1.97	20.16	1.13	8.24	9.37	-14.32	2.04	20.17	1.13	7.89	9.02
	60	0.00	-13.68	1.97	20.16	1.13	8.45	9.58	-14.01	2.04	20.17	1.13	8.20	9.33

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (80.329 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 106-tone RU (SDM)

[Standard Power mode]

11ax-80 (OFDMA)(SDM) 106-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	53	7.50	6.80	14.30	11.55	23.97	12.42	8.43	8.82	17.25	12.37	29.97	17.60
	56	7.20	6.74	13.93	11.44	23.97	12.53	8.09	8.74	16.83	12.26	29.97	17.71
	60	7.62	6.78	14.40	11.59	23.97	12.38	8.57	8.80	17.37	12.40	29.97	17.57
5290	53	7.03	6.61	13.64	11.35	23.97	12.62	7.90	8.58	16.48	12.17	29.97	17.80
	56	6.93	6.48	13.40	11.27	23.97	12.70	7.79	8.40	16.19	12.09	29.97	17.88
	60	7.12	6.72	13.84	11.41	23.97	12.56	8.01	8.71	16.73	12.23	29.97	17.74
5530	53	6.92	7.19	14.12	11.50	23.97	12.47	7.79	9.33	17.12	12.33	29.97	17.64
	56	6.63	7.17	13.80	11.40	23.97	12.57	7.45	9.31	16.76	12.24	29.97	17.73
	60	6.72	7.67	14.39	11.58	23.97	12.39	7.56	9.95	17.51	12.43	29.97	17.54
5610	53	6.29	7.27	13.55	11.32	23.97	12.65	7.07	9.43	16.50	12.17	29.97	17.80
	56	6.46	7.28	13.75	11.38	23.97	12.59	7.27	9.45	16.72	12.23	29.97	17.74
	60	6.34	7.51	13.85	11.41	23.97	12.56	7.13	9.74	16.87	12.27	29.97	17.70
5690	53	6.94	6.71	13.65	11.35	23.97	12.62	7.81	8.71	16.51	12.18	29.97	17.79
	56	6.85	6.56	13.41	11.27	23.97	12.70	7.70	8.51	16.21	12.10	29.97	17.87
	60	7.23	6.82	14.06	11.48	23.97	12.49	8.14	8.85	16.99	12.30	29.97	17.67
5775	53	6.48	6.20	12.68	11.03	30.00	18.97	7.28	8.04	15.33	11.85	29.97	18.12
	56	6.66	6.21	12.87	11.10	30.00	18.90	7.49	8.06	15.55	11.92	29.97	18.05
	60	6.86	6.78	13.64	11.35	30.00	18.65	7.71	8.80	16.51	12.18	29.97	17.79

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	53	0.00	-13.33	1.91	20.17	0.51	8.75	9.26	-13.81	1.96	20.18	1.13	8.32	9.45
	56	0.00	-13.51	1.91	20.17	0.51	8.57	9.08	-13.85	1.96	20.18	1.13	8.28	9.41
	60	0.00	-13.26	1.91	20.17	0.51	8.82	9.33	-13.82	1.96	20.18	1.13	8.31	9.44
5290	53	0.00	-13.62	1.92	20.17	0.51	8.47	8.98	-13.95	1.98	20.18	1.13	8.20	9.33
	56	0.00	-13.68	1.92	20.17	0.51	8.41	8.92	-14.04	1.98	20.18	1.13	8.11	9.24
	60	0.00	-13.56	1.92	20.17	0.51	8.53	9.04	-13.88	1.98	20.18	1.13	8.27	9.40
5530	53	0.00	-13.72	1.96	20.17	0.51	8.40	8.91	-13.65	2.04	20.17	1.13	8.57	9.70
	56	0.00	-13.91	1.96	20.17	0.51	8.21	8.72	-13.66	2.04	20.17	1.13	8.56	9.69
	60	0.00	-13.85	1.96	20.17	0.51	8.27	8.78	-13.37	2.04	20.17	1.13	8.85	9.98
5610	53	0.00	-14.13	1.95	20.16	0.51	7.98	8.49	-13.59	2.03	20.17	1.13	8.61	9.74
	56	0.00	-14.01	1.95	20.16	0.51	8.10	8.61	-13.58	2.03	20.17	1.13	8.62	9.75
	60	0.00	-14.09	1.95	20.16	0.51	8.02	8.53	-13.45	2.03	20.17	1.13	8.75	9.88
5690	53	0.00	-13.69	1.94	20.16	0.51	8.41	8.92	-13.92	2.02	20.17	1.13	8.27	9.40
	56	0.00	-13.75	1.94	20.16	0.51	8.35	8.86	-14.02	2.02	20.17	1.13	8.17	9.30
	60	0.00	-13.51	1.94	20.16	0.51	8.59	9.10	-13.85	2.02	20.17	1.13	8.34	9.47
5775	53	0.00	-14.02	1.97	20.16	0.51	8.11	8.62	-14.29	2.04	20.17	1.13	7.92	9.05
	56	0.00	-13.90	1.97	20.16	0.51	8.23	8.74	-14.28	2.04	20.17	1.13	7.93	9.06
	60	0.00	-13.77	1.97	20.16	0.51	8.36	8.87	-13.90	2.04	20.17	1.13	8.31	9.44

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (80.329 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 242-tone RU (CDD)

[Standard Power mode]

11ax-80 (OFDMA)(CDD) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	61	7.50	6.63	14.13	11.50	23.97	12.47	9.73	8.60	18.33	12.63	29.97	17.34
	62	7.33	6.57	13.90	11.43	23.97	12.54	9.51	8.52	18.03	12.56	29.97	17.41
	64	7.36	6.74	14.10	11.49	23.97	12.48	9.55	8.74	18.29	12.62	29.97	17.35
5290	61	6.85	6.45	13.30	11.24	23.97	12.73	8.89	8.36	17.25	12.37	29.97	17.60
	62	6.88	6.48	13.36	11.26	23.97	12.71	8.93	8.40	17.33	12.39	29.97	17.58
	64	6.99	6.58	13.57	11.33	23.97	12.64	9.07	8.54	17.61	12.46	29.97	17.51
5530	61	6.58	7.21	13.79	11.40	23.97	12.57	8.54	9.35	17.89	12.53	29.97	17.44
	62	6.63	7.03	13.66	11.35	23.97	12.62	8.60	9.12	17.71	12.48	29.97	17.49
	64	6.80	7.27	14.07	11.48	23.97	12.49	8.82	9.44	18.25	12.61	29.97	17.36
5610	61	6.09	7.09	13.17	11.20	23.97	12.77	7.90	9.19	17.09	12.33	29.97	17.64
	62	6.11	7.00	13.12	11.18	23.97	12.79	7.93	9.09	17.02	12.31	29.97	17.66
	64	6.20	7.44	13.64	11.35	23.97	12.62	8.04	9.65	17.69	12.48	29.97	17.49
5690	61	6.80	6.61	13.40	11.27	23.97	12.70	8.82	8.57	17.39	12.40	29.97	17.57
	62	6.78	6.41	13.19	11.20	23.97	12.77	8.80	8.32	17.11	12.33	29.97	17.64
	64	7.04	6.73	13.77	11.39	23.97	12.58	9.13	8.73	17.86	12.52	29.97	17.45
5775	61	6.36	6.16	12.52	10.97	30.00	19.03	8.25	7.99	16.24	12.10	29.97	17.87
	62	6.40	6.19	12.59	11.00	30.00	19.00	8.30	8.02	16.33	12.13	29.97	17.84
	64	6.69	6.48	13.17	11.19	30.00	18.81	8.68	8.40	17.08	12.32	29.97	17.65

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	61	0.00	-13.33	1.91	20.17	1.13	8.75	9.88	-13.92	1.96	20.18	1.13	8.21	9.34
	62	0.00	-13.43	1.91	20.17	1.13	8.65	9.78	-13.96	1.96	20.18	1.13	8.17	9.30
	64	0.00	-13.41	1.91	20.17	1.13	8.67	9.80	-13.85	1.96	20.18	1.13	8.28	9.41
5290	61	0.00	-13.73	1.92	20.17	1.13	8.36	9.49	-14.06	1.98	20.18	1.13	8.09	9.22
	62	0.00	-13.71	1.92	20.17	1.13	8.38	9.51	-14.04	1.98	20.18	1.13	8.11	9.24
	64	0.00	-13.64	1.92	20.17	1.13	8.45	9.58	-13.97	1.98	20.18	1.13	8.18	9.31
5530	61	0.00	-13.94	1.96	20.17	1.13	8.18	9.31	-13.64	2.04	20.17	1.13	8.58	9.71
	62	0.00	-13.91	1.96	20.17	1.13	8.21	9.34	-13.75	2.04	20.17	1.13	8.47	9.60
	64	0.00	-13.80	1.96	20.17	1.13	8.32	9.45	-13.60	2.04	20.17	1.13	8.62	9.75
5610	61	0.00	-14.27	1.95	20.16	1.13	7.84	8.97	-13.70	2.03	20.17	1.13	8.50	9.63
	62	0.00	-14.25	1.95	20.16	1.13	7.86	8.99	-13.75	2.03	20.17	1.13	8.45	9.58
	64	0.00	-14.19	1.95	20.16	1.13	7.92	9.05	-13.49	2.03	20.17	1.13	8.71	9.84
5690	61	0.00	-13.78	1.94	20.16	1.13	8.32	9.45	-13.99	2.02	20.17	1.13	8.20	9.33
	62	0.00	-13.79	1.94	20.16	1.13	8.31	9.44	-14.12	2.02	20.17	1.13	8.07	9.20
	64	0.00	-13.63	1.94	20.16	1.13	8.47	9.60	-13.91	2.02	20.17	1.13	8.28	9.41
5775	61	0.00	-14.10	1.97	20.16	1.13	8.03	9.16	-14.32	2.04	20.17	1.13	7.89	9.02
	62	0.00	-14.07	1.97	20.16	1.13	8.06	9.19	-14.30	2.04	20.17	1.13	7.91	9.04
	64	0.00	-13.88	1.97	20.16	1.13	8.25	9.38	-14.10	2.04	20.17	1.13	8.11	9.24

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (82.999 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 242-tone RU (SDM)

[Standard Power mode]

11ax-80 (OFDMA)(SDM) 242-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	61	7.66	6.61	14.27	11.54	23.97	12.43	8.61	8.58	17.19	12.35	29.97	17.62
	62	7.40	6.83	14.23	11.53	23.97	12.44	8.32	8.86	17.18	12.35	29.97	17.62
	64	7.73	6.91	14.64	11.65	23.97	12.32	8.69	8.96	17.65	12.47	29.97	17.50
5290	61	7.16	6.78	13.94	11.44	23.97	12.53	8.05	8.80	16.84	12.26	29.97	17.71
	62	7.09	6.66	13.75	11.38	23.97	12.59	7.97	8.63	16.61	12.20	29.97	17.77
	64	7.26	6.67	13.93	11.44	23.97	12.53	8.16	8.65	16.81	12.26	29.97	17.71
5530	61	6.88	7.24	14.12	11.50	23.97	12.47	7.73	9.39	17.13	12.34	29.97	17.63
	62	6.69	7.14	13.83	11.41	23.97	12.56	7.52	9.26	16.79	12.25	29.97	17.72
	64	6.88	7.60	14.48	11.61	23.97	12.36	7.73	9.86	17.59	12.45	29.97	17.52
5610	61	6.39	7.10	13.49	11.30	23.97	12.67	7.18	9.21	16.40	12.15	29.97	17.82
	62	6.61	6.99	13.60	11.34	23.97	12.63	7.44	9.07	16.50	12.18	29.97	17.79
	64	6.43	7.47	13.90	11.43	23.97	12.54	7.23	9.69	16.93	12.29	29.97	17.68
5690	61	6.92	6.53	13.45	11.29	23.97	12.68	7.79	8.47	16.26	12.11	29.97	17.86
	62	6.86	6.47	13.33	11.25	23.97	12.72	7.72	8.39	16.11	12.07	29.97	17.90
	64	6.94	6.82	13.76	11.39	23.97	12.58	7.81	8.85	16.66	12.22	29.97	17.75
5775	61	6.57	6.24	12.81	11.08	30.00	18.92	7.38	8.10	15.48	11.90	29.97	18.07
	62	6.52	6.16	12.68	11.03	30.00	18.97	7.33	7.99	15.32	11.85	29.97	18.12
	64	6.78	6.81	13.60	11.33	30.00	18.67	7.63	8.84	16.47	12.17	29.97	17.80

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	61	0.00	-13.24	1.91	20.17	0.51	8.84	9.35	-13.93	1.96	20.18	1.13	8.20	9.33
	62	0.00	-13.39	1.91	20.17	0.51	8.69	9.20	-13.79	1.96	20.18	1.13	8.34	9.47
	64	0.00	-13.20	1.91	20.17	0.51	8.88	9.39	-13.74	1.96	20.18	1.13	8.39	9.52
5290	61	0.00	-13.54	1.92	20.17	0.51	8.55	9.06	-13.84	1.98	20.18	1.13	8.31	9.44
	62	0.00	-13.58	1.92	20.17	0.51	8.51	9.02	-13.92	1.98	20.18	1.13	8.23	9.36
	64	0.00	-13.48	1.92	20.17	0.51	8.61	9.12	-13.91	1.98	20.18	1.13	8.24	9.37
5530	61	0.00	-13.75	1.96	20.17	0.51	8.37	8.88	-13.62	2.04	20.17	1.13	8.60	9.73
	62	0.00	-13.87	1.96	20.17	0.51	8.25	8.76	-13.68	2.04	20.17	1.13	8.54	9.67
	64	0.00	-13.75	1.96	20.17	0.51	8.37	8.88	-13.41	2.04	20.17	1.13	8.81	9.94
5610	61	0.00	-14.06	1.95	20.16	0.51	8.05	8.56	-13.69	2.03	20.17	1.13	8.51	9.64
	62	0.00	-13.91	1.95	20.16	0.51	8.20	8.71	-13.76	2.03	20.17	1.13	8.44	9.57
	64	0.00	-14.03	1.95	20.16	0.51	8.08	8.59	-13.47	2.03	20.17	1.13	8.73	9.86
5690	61	0.00	-13.70	1.94	20.16	0.51	8.40	8.91	-14.04	2.02	20.17	1.13	8.15	9.28
	62	0.00	-13.74	1.94	20.16	0.51	8.36	8.87	-14.08	2.02	20.17	1.13	8.11	9.24
	64	0.00	-13.69	1.94	20.16	0.51	8.41	8.92	-13.85	2.02	20.17	1.13	8.34	9.47
5775	61	0.00	-13.96	1.97	20.16	0.51	8.17	8.68	-14.26	2.04	20.17	1.13	7.95	9.08
	62	0.00	-13.99	1.97	20.16	0.51	8.14	8.65	-14.32	2.04	20.17	1.13	7.89	9.02
	64	0.00	-13.82	1.97	20.16	0.51	8.31	8.82	-13.88	2.04	20.17	1.13	8.33	9.46

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (82.999 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 484-tone RU (CDD)

[Standard Power mode]

11ax-80 (OFDMA)(CDD) 484-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	65	7.45	6.61	14.06	11.48	23.97	12.49	9.66	8.58	18.24	12.61	29.97	17.36
	66	7.67	6.78	14.46	11.60	23.97	12.37	9.96	8.80	18.75	12.73	29.97	17.24
5290	65	7.07	6.76	13.84	11.41	23.97	12.56	9.18	8.77	17.95	12.54	29.97	17.43
	66	7.19	6.63	13.82	11.40	23.97	12.57	9.33	8.59	17.92	12.53	29.97	17.44
5530	65	6.92	7.09	14.02	11.47	23.97	12.50	8.98	9.20	18.18	12.60	29.97	17.37
	66	6.81	7.26	14.07	11.48	23.97	12.49	8.84	9.41	18.25	12.61	29.97	17.36
5610	65	6.39	7.17	13.56	11.32	23.97	12.65	8.29	9.30	17.58	12.45	29.97	17.52
	66	6.26	7.33	13.59	11.33	23.97	12.64	8.12	9.51	17.63	12.46	29.97	17.51
5690	65	6.96	6.58	13.53	11.31	23.97	12.66	9.02	8.53	17.55	12.44	29.97	17.53
	66	7.20	6.71	13.91	11.43	23.97	12.54	9.34	8.71	18.05	12.56	29.97	17.41
5775	65	6.46	6.20	12.66	11.02	30.00	18.98	8.38	8.04	16.42	12.15	29.97	17.82
	66	6.81	6.48	13.29	11.24	30.00	18.76	8.84	8.40	17.24	12.37	29.97	17.60

			5G_CH0						**5G_CH1**					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	65	0.00	-13.36	1.91	20.17	1.13	8.72	9.85	-13.93	1.96	20.18	1.13	8.20	9.33
	66	0.00	-13.23	1.91	20.17	1.13	8.85	9.98	-13.82	1.96	20.18	1.13	8.31	9.44
5290	65	0.00	-13.59	1.92	20.17	1.13	8.50	9.63	-13.85	1.98	20.18	1.13	8.30	9.43
	66	0.00	-13.52	1.92	20.17	1.13	8.57	9.70	-13.94	1.98	20.18	1.13	8.21	9.34
5530	65	0.00	-13.72	1.96	20.17	1.13	8.40	9.53	-13.71	2.04	20.17	1.13	8.51	9.64
	66	0.00	-13.79	1.96	20.17	1.13	8.33	9.46	-13.61	2.04	20.17	1.13	8.61	9.74
5610	65	0.00	-14.06	1.95	20.16	1.13	8.05	9.18	-13.65	2.03	20.17	1.13	8.55	9.68
	66	0.00	-14.15	1.95	20.16	1.13	7.96	9.09	-13.55	2.03	20.17	1.13	8.65	9.78
5690	65	0.00	-13.68	1.94	20.16	1.13	8.42	9.55	-14.01	2.02	20.17	1.13	8.18	9.31
	66	0.00	-13.53	1.94	20.16	1.13	8.57	9.70	-13.92	2.02	20.17	1.13	8.27	9.40
5775	65	0.00	-14.03	1.97	20.16	1.13	8.10	9.23	-14.29	2.04	20.17	1.13	7.92	9.05
	66	0.00	-13.80	1.97	20.16	1.13	8.33	9.46	-14.10	2.04	20.17	1.13	8.11	9.24

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (85.488 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 484-tone RU (SDM)

[Standard Power mode]

11ax-80 (OFDMA)(SDM) 484-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	65	7.60	6.63	14.23	11.53	23.97	12.44	8.55	8.60	17.15	12.34	29.97	17.63
	66	7.47	6.78	14.25	11.54	23.97	12.43	8.40	8.80	17.19	12.35	29.97	17.62
5290	65	7.04	6.58	13.62	11.34	23.97	12.63	7.92	8.54	16.46	12.16	29.97	17.81
	66	7.22	6.67	13.89	11.43	23.97	12.54	8.12	8.65	16.78	12.25	29.97	17.72
5530	65	6.78	7.26	14.04	11.47	23.97	12.50	7.63	9.41	17.04	12.32	29.97	17.65
	66	6.96	7.63	14.59	11.64	23.97	12.33	7.82	9.90	17.73	12.49	29.97	17.48
5610	65	6.37	7.10	13.48	11.30	23.97	12.67	7.17	9.21	16.38	12.14	29.97	17.83
	66	6.57	7.32	13.88	11.43	23.97	12.54	7.39	9.49	16.88	12.27	29.97	17.70
5690	65	7.09	6.56	13.65	11.35	23.97	12.62	7.97	8.51	16.48	12.17	29.97	17.80
	66	7.09	6.65	13.74	11.38	23.97	12.59	7.97	8.63	16.60	12.20	29.97	17.77
5775	65	6.66	6.20	12.86	11.09	30.00	18.91	7.49	8.04	15.53	11.91	29.97	18.06
	66	6.77	6.40	13.17	11.20	30.00	18.80	7.61	8.31	15.92	12.02	29.97	17.95

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	65	0.00	-13.27	1.91	20.17	0.51	8.81	9.32	-13.92	1.96	20.18	1.13	8.21	9.34
	66	0.00	-13.35	1.91	20.17	0.51	8.73	9.24	-13.82	1.96	20.18	1.13	8.31	9.44
5290	65	0.00	-13.61	1.92	20.17	0.51	8.48	8.99	-13.97	1.98	20.18	1.13	8.18	9.31
	66	0.00	-13.50	1.92	20.17	0.51	8.59	9.10	-13.91	1.98	20.18	1.13	8.24	9.37
5530	65	0.00	-13.81	1.96	20.17	0.51	8.31	8.82	-13.61	2.04	20.17	1.13	8.61	9.74
	66	0.00	-13.70	1.96	20.17	0.51	8.42	8.93	-13.39	2.04	20.17	1.13	8.83	9.96
5610	65	0.00	-14.07	1.95	20.16	0.51	8.04	8.55	-13.69	2.03	20.17	1.13	8.51	9.64
	66	0.00	-13.94	1.95	20.16	0.51	8.17	8.68	-13.56	2.03	20.17	1.13	8.64	9.77
5690	65	0.00	-13.60	1.94	20.16	0.51	8.50	9.01	-14.02	2.02	20.17	1.13	8.17	9.30
	66	0.00	-13.60	1.94	20.16	0.51	8.50	9.01	-13.96	2.02	20.17	1.13	8.23	9.36
5775	65	0.00	-13.90	1.97	20.16	0.51	8.23	8.74	-14.29	2.04	20.17	1.13	7.92	9.05
	66	0.00	-13.83	1.97	20.16	0.51	8.30	8.81	-14.15	2.04	20.17	1.13	8.06	9.19

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (85.488 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 996-tone RU (CDD)

[Standard Power mode]

11ax-80 (OFDMA)(CDD) 996-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	67	7.62	6.64	14.26	11.54	23.97	12.43	9.89	8.61	18.50	12.67	29.97	17.30
5290	67	7.17	6.55	13.72	11.37	23.97	12.60	9.31	8.49	17.80	12.50	29.97	17.47
5530	67	6.74	7.28	14.02	11.47	23.97	12.50	8.74	9.44	18.19	12.60	29.97	17.37
5610	67	6.36	7.32	13.67	11.36	23.97	12.61	8.24	9.49	17.74	12.49	29.97	17.48
5690	67	7.05	6.60	13.65	11.35	23.97	12.62	9.14	8.56	17.71	12.48	29.97	17.49
5775	67	7.76	7.31	15.07	11.78	30.00	18.22	10.06	9.49	19.55	12.91	36.00	23.09

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	67	0.00	-13.26	1.91	20.17	1.13	8.82	9.95	-13.91	1.96	20.18	1.13	8.22	9.35
5290	67	0.00	-13.53	1.92	20.17	1.13	8.56	9.69	-13.99	1.98	20.18	1.13	8.16	9.29
5530	67	0.00	-13.84	1.96	20.17	1.13	8.29	9.42	-13.60	2.05	20.17	1.13	8.62	9.75
5610	67	0.00	-14.09	1.96	20.16	1.13	8.03	9.16	-13.57	2.04	20.17	1.13	8.64	9.77
5690	67	0.00	-13.62	1.94	20.16	1.13	8.48	9.61	-13.99	2.01	20.17	1.13	8.20	9.33
5775	67	0.00	-13.24	1.98	20.16	1.13	8.90	10.03	-13.58	2.05	20.17	1.13	8.64	9.77

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (88.344 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024
Temperature / Humidity	23 deg. C / 30 % RH
Engineer	Yosuke Murakami
Mode	Tx 11ax-80 (OFDMA) 996-tone RU (SDM)

[Standard Power mode]

11ax-80 (OFDMA)(SDM) 996-tone RU

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU	Conducted power						e.i.r.p.					
Frequency	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	67	7.62	6.78	14.40	11.58	23.97	12.39	8.57	8.80	17.37	12.40	29.97	17.57
5290	67	7.08	6.67	13.74	11.38	23.97	12.59	7.96	8.65	16.61	12.20	29.97	17.77
5530	67	6.80	7.64	14.44	11.60	23.97	12.37	7.65	9.91	17.56	12.45	29.97	17.52
5610	67	6.30	7.44	13.73	11.38	23.97	12.59	7.08	9.65	16.73	12.23	29.97	17.74
5690	67	7.07	6.66	13.73	11.38	23.97	12.59	7.95	8.64	16.59	12.20	29.97	17.77
5775	67	7.04	6.64	13.68	11.36	30.00	18.64	7.92	8.61	16.53	12.18	36.00	23.82

			5G_CH0						5G_CH1					
Tested	RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
		*1)	Reading				Power		Reading				Power	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5210	67	0.00	-13.26	1.91	20.17	0.51	8.82	9.33	-13.82	1.96	20.18	1.13	8.31	9.44
5290	67	0.00	-13.59	1.92	20.17	0.51	8.50	9.01	-13.91	1.98	20.18	1.13	8.24	9.37
5530	67	0.00	-13.80	1.96	20.17	0.51	8.33	8.84	-13.39	2.05	20.17	1.13	8.83	9.96
5610	67	0.00	-14.13	1.96	20.16	0.51	7.99	8.50	-13.50	2.04	20.17	1.13	8.71	9.84
5690	67	0.00	-13.61	1.94	20.16	0.51	8.49	9.00	-13.95	2.01	20.17	1.13	8.24	9.37
5775	67	0.00	-13.66	1.98	20.16	0.51	8.48	8.99	-14.00	2.05	20.17	1.13	8.22	9.35

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (88.344 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 24, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-160 (OFDM) (CDD)

[Standard Power mode]

11ax-160 (CDD)

5G_CH0 + 5G_CH1 Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5250	7.88	7.19	15.07	11.78	23.97	12.19	10.22	9.33	19.55	12.91	29.97	17.06
5570	7.83	7.78	15.61	11.93	23.97	12.04	10.16	10.09	20.24	13.06	29.97	16.91

	5G_CH0							**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
	*1)	Reading				Power		Reading				Power	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5250	0.00	-13.12	1.91	20.17	1.13	8.96	10.09	-13.57	1.96	20.18	1.13	8.57	9.70
5570	0.00	-13.18	1.95	20.17	1.13	8.94	10.07	-13.30	2.03	20.17	1.13	8.91	10.04

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (168.672 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 24, 2023
Temperature / Humidity	26 deg. C / 42 % RH
Engineer	Kenichi Adachi
Mode	Tx 11ax-160 (OFDM) (SDM)

[Standard Power mode]

11ax-160 (SDM)

5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	Conducted power						e.i.r.p.					
Frequency	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5250	7.82	7.16	14.98	11.76	23.97	12.21	8.80	9.29	18.09	12.57	29.97	17.40
5570	7.79	7.71	15.50	11.90	23.97	12.07	8.77	10.00	18.76	12.73	29.97	17.24

		5G_CH0						**5G_CH1**					
Tested	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5250	0.00	-13.15	1.91	20.17	0.51	8.93	9.44	-13.59	1.96	20.18	1.13	8.55	9.68
5570	0.00	-13.20	1.95	20.17	0.51	8.92	9.43	-13.34	2.03	20.17	1.13	8.87	10.00

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (168.672 MHz) as conservative limit.
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	March 19, 2024	February 2, 2024
Temperature / Humidity	25 deg. C / 46 % RH	22 deg. C / 30 % RH
Engineer	Yuta Shiba	Yosuke Murakami
Mode	Tx 11ax-160 (OFDMA) (CDD)	

[Standard Power mode]

11ax-160 (OFDMA)(CDD)
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU		RU	Conducted power						e.i.r.p.					
Frequency	tone	Segment	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5250	106	0	53	6.68	6.15	12.83	11.08	23.97	12.89	8.67	7.98	16.64	12.21	29.97	17.76
		0	60	7.26	6.74	14.00	11.46	23.97	12.51	9.42	8.75	18.16	12.59	29.97	17.38
		1	60	6.82	6.51	13.34	11.25	23.97	12.72	8.85	8.45	17.30	12.38	29.97	17.59
5250	242	0	61	6.90	6.31	13.21	11.21	23.97	12.76	8.95	8.18	17.13	12.34	29.97	17.63
		0	64	7.23	6.68	13.91	11.43	23.97	12.54	9.37	8.67	18.04	12.56	29.97	17.41
		1	64	7.09	6.50	13.59	11.33	23.97	12.64	9.20	8.43	17.63	12.46	29.97	17.51
5250	484	0	65	6.95	6.25	13.20	11.20	23.97	12.77	9.01	8.11	17.12	12.33	29.97	17.64
		0	66	7.16	6.74	13.90	11.43	23.97	12.54	9.29	8.75	18.03	12.56	29.97	17.41
		1	66	7.00	6.62	13.62	11.34	23.97	12.63	9.08	8.59	17.66	12.47	29.97	17.50
5250	996	0	67	7.38	6.56	13.94	11.44	23.97	12.53	9.57	8.51	18.08	12.57	29.97	17.40
		1	67	7.09	6.85	13.95	11.44	23.97	12.53	9.20	8.89	18.09	12.57	29.97	17.40
5250	2 x 996	-	68	6.95	6.14	13.08	11.17	23.97	12.80	9.01	7.96	16.97	12.30	29.97	17.67

					5G_CH0						5G_CH1					
Tested	RU		RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	tone	Segment	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
				*1)	Reading				Power		Reading				Power	
[MHz]				[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5250	106	0	53	0.00	-13.84	1.92	20.17	1.13	8.25	9.38	-14.26	1.97	20.18	1.13	7.89	9.02
		0	60	0.00	-13.48	1.92	20.17	1.13	8.61	9.74	-13.86	1.97	20.18	1.13	8.29	9.42
		1	60	0.00	-13.75	1.92	20.17	1.13	8.34	9.47	-14.01	1.97	20.18	1.13	8.14	9.27
5250	242	0	61	0.00	-13.70	1.92	20.17	1.13	8.39	9.52	-14.15	1.97	20.18	1.13	8.00	9.13
		0	64	0.00	-13.50	1.92	20.17	1.13	8.59	9.72	-13.90	1.97	20.18	1.13	8.25	9.38
		1	64	0.00	-13.58	1.92	20.17	1.13	8.51	9.64	-14.02	1.97	20.18	1.13	8.13	9.26
5250	484	0	65	0.00	-13.67	1.92	20.17	1.13	8.42	9.55	-14.19	1.97	20.18	1.13	7.96	9.09
		0	66	0.00	-13.54	1.92	20.17	1.13	8.55	9.68	-13.86	1.97	20.18	1.13	8.29	9.42
		1	66	0.00	-13.64	1.92	20.17	1.13	8.45	9.58	-13.94	1.97	20.18	1.13	8.21	9.34
5250	996	0	67	0.00	-13.41	1.92	20.17	1.13	8.68	9.81	-13.98	1.97	20.18	1.13	8.17	9.30
		1	67	0.00	-13.58	1.92	20.17	1.13	8.51	9.64	-13.79	1.97	20.18	1.13	8.36	9.49
5250	2 x 996	-	68	0.00	-13.67	1.92	20.17	1.13	8.42	9.55	-14.27	1.97	20.18	1.13	7.88	9.01

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (164.405 MHz) as conservative limit. (106-tone)
For all test frequencies, B was applied the minimum value (165.187 MHz) as conservative limit. (242-tone)
For all test frequencies, B was applied the minimum value (166.706 MHz) as conservative limit. (484-tone)
For all test frequencies, B was applied the minimum value (170.499 MHz) as conservative limit. (996-tone)
For all test frequencies, B was applied the minimum value (172.356 MHz) as conservative limit. (2x996-tone)
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* RU 26 and RU 52 are the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	March 19, 2024	February 2, 2024
Temperature / Humidity	25 deg. C / 46 % RH	22 deg. C / 30 % RH
Engineer	Yuta Shiba	Yosuke Murakami
Mode	Tx 11ax-160 (OFDMA) (CDD)	

[Standard Power mode]

11ax-160 (OFDMA)(CDD)
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU		RU	Conducted power						e.i.r.p.					
Frequency	tone	Segment	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
[MHz]				5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	5G_CH0 [mW]	5G_CH1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
5570	26	0	0	6.31	6.43	12.74	11.05	23.97	12.92	8.18	8.34	16.52	12.18	29.97	17.79
		0	36	7.00	7.50	14.50	11.61	23.97	12.36	9.08	9.73	18.81	12.74	29.97	17.23
		1	36	6.56	7.33	13.89	11.43	23.97	12.54	8.51	9.51	18.02	12.56	29.97	17.41
5570	52	0	37	6.07	6.37	12.44	10.95	23.97	13.02	7.87	8.26	16.13	12.08	29.97	17.89
		0	52	6.64	7.18	13.82	11.40	23.97	12.57	8.61	9.31	17.92	12.53	29.97	17.44
		1	52	6.38	7.28	13.66	11.35	23.97	12.62	8.28	9.44	17.72	12.48	29.97	17.49
5570	106	0	53	5.96	6.33	12.28	10.89	23.97	13.08	7.72	8.21	15.93	12.02	29.97	17.95
		0	60	6.61	7.10	13.70	11.37	23.97	12.60	8.57	9.21	17.77	12.50	29.97	17.47
		1	60	6.74	7.26	14.01	11.46	23.97	12.51	8.75	9.42	18.17	12.59	29.97	17.38
5570	242	0	61	6.26	6.78	13.04	11.15	23.97	12.82	8.13	8.79	16.92	12.28	29.97	17.69
		0	64	6.74	7.33	14.07	11.48	23.97	12.49	8.75	9.51	18.26	12.61	29.97	17.36
		1	64	6.54	7.08	13.63	11.34	23.97	12.63	8.49	9.19	17.67	12.47	29.97	17.50
5570	484	0	65	6.26	6.58	12.84	11.09	23.97	12.88	8.13	8.53	16.66	12.22	29.97	17.75
		0	66	6.67	7.15	13.81	11.40	23.97	12.57	8.65	9.27	17.92	12.53	29.97	17.44
		1	66	6.82	7.25	14.07	11.48	23.97	12.49	8.85	9.40	18.25	12.61	29.97	17.36
5570	996	0	67	6.44	6.82	13.26	11.23	23.97	12.74	8.35	8.85	17.21	12.36	29.97	17.61
		1	67	6.68	7.26	13.94	11.44	23.97	12.53	8.67	9.42	18.09	12.57	29.97	17.40
5570	2 x 996	-	68	6.68	7.10	13.78	11.39	23.97	12.58	8.67	9.21	17.87	12.52	29.97	17.45

					5G_CH0						5G_CH1					
Tested	RU		RU	Duty	Power	Cable	Atten.	Directional	Result		Power	Cable	Atten.	Directional	Result	
Frequency	tone	Segment	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]				[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5570	26	0	0	0.00	-14.12	1.95	20.16	1.13	8.00	9.13	-14.13	2.04	20.17	1.13	8.08	9.21
		0	36	0.00	-13.67	1.95	20.16	1.13	8.45	9.58	-13.46	2.04	20.17	1.13	8.75	9.88
		1	36	0.00	-13.95	1.95	20.16	1.13	8.17	9.30	-13.56	2.04	20.17	1.13	8.65	9.78
5570	52	0	37	0.00	-14.29	1.95	20.16	1.13	7.83	8.96	-14.17	2.04	20.17	1.13	8.04	9.17
		0	52	0.00	-13.90	1.95	20.16	1.13	8.22	9.35	-13.65	2.04	20.17	1.13	8.56	9.69
		1	52	0.00	-14.07	1.95	20.16	1.13	8.05	9.18	-13.59	2.04	20.17	1.13	8.62	9.75
5570	106	0	53	0.00	-14.37	1.95	20.16	1.13	7.75	8.88	-14.20	2.04	20.17	1.13	8.01	9.14
		0	60	0.00	-13.92	1.95	20.16	1.13	8.20	9.33	-13.70	2.04	20.17	1.13	8.51	9.64
		1	60	0.00	-13.83	1.95	20.16	1.13	8.29	9.42	-13.60	2.04	20.17	1.13	8.61	9.74
5570	242	0	61	0.00	-14.15	1.95	20.16	1.13	7.97	9.10	-13.90	2.04	20.17	1.13	8.31	9.44
		0	64	0.00	-13.83	1.95	20.16	1.13	8.29	9.42	-13.56	2.04	20.17	1.13	8.65	9.78
		1	64	0.00	-13.96	1.95	20.16	1.13	8.16	9.29	-13.71	2.04	20.17	1.13	8.50	9.63
5570	484	0	65	0.00	-14.15	1.95	20.16	1.13	7.97	9.10	-14.03	2.04	20.17	1.13	8.18	9.31
		0	66	0.00	-13.88	1.95	20.16	1.13	8.24	9.37	-13.67	2.04	20.17	1.13	8.54	9.67
		1	66	0.00	-13.78	1.95	20.16	1.13	8.34	9.47	-13.61	2.04	20.17	1.13	8.60	9.73
5570	996	0	67	0.00	-14.03	1.95	20.16	1.13	8.09	9.22	-13.87	2.04	20.17	1.13	8.34	9.47
		1	67	0.00	-13.87	1.95	20.16	1.13	8.25	9.38	-13.60	2.04	20.17	1.13	8.61	9.74
5570	2 x 996	-	68	0.00	-13.87	1.95	20.16	1.13	8.25	9.38	-13.70	2.04	20.17	1.13	8.51	9.64

*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Directional Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Directional Gain: G(ANT) + Array gain, (G(ANT)= set equal to the antenna having the highest gain, Array gain = 0 dB for N(ANT) =< 4 (N(ANT)=2)
For all test frequencies, B was applied the minimum value (163.230 MHz) as conservative limit. (26-tone)
For all test frequencies, B was applied the minimum value (163.324 MHz) as conservative limit. (52-tone)
For all test frequencies, B was applied the minimum value (164.405 MHz) as conservative limit. (106-tone)
For all test frequencies, B was applied the minimum value (165.187 MHz) as conservative limit. (242-tone)
For all test frequencies, B was applied the minimum value (166.706 MHz) as conservative limit. (484-tone)
For all test frequencies, B was applied the minimum value (170.499 MHz) as conservative limit. (996-tone)
For all test frequencies, B was applied the minimum value (172.356 MHz) as conservative limit. (2x996-tone)
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	March 19, 2024	February 2, 2024
Temperature / Humidity	25 deg. C / 46 % RH	22 deg. C / 30 % RH
Engineer	Yuta Shiba	Yosuke Murakami
Mode	Tx 11ax-160 (OFDMA) (SDM)	

[Standard Power mode]

11ax-160 (OFDMA)(SDM)
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU		RU	Conducted power						e.i.r.p.					
Frequency	tone	Segment	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5250	106	0	53	6.68	6.12	12.80	11.07	23.97	12.90	7.51	7.94	15.45	11.89	29.97	18.08
		0	60	7.28	6.68	13.96	11.45	23.97	12.52	8.18	8.67	16.85	12.27	29.97	17.70
		1	60	6.92	6.37	13.28	11.23	23.97	12.74	7.78	8.26	16.04	12.05	29.97	17.92
5250	242	0	61	6.56	6.51	13.07	11.16	23.97	12.81	7.38	8.45	15.83	11.99	29.97	17.98
		0	64	7.43	6.79	14.22	11.53	23.97	12.44	8.35	8.81	17.16	12.35	29.97	17.62
		1	64	7.09	6.77	13.87	11.42	23.97	12.55	7.98	8.79	16.76	12.24	29.97	17.73
5250	484	0	65	6.85	6.47	13.32	11.25	23.97	12.72	7.71	8.39	16.10	12.07	29.97	17.90
		0	66	7.33	6.79	14.12	11.50	23.97	12.47	8.24	8.81	17.05	12.32	29.97	17.65
		1	66	7.03	6.73	13.76	11.38	23.97	12.59	7.90	8.73	16.63	12.21	29.97	17.76
5250	996	0	67	7.06	6.24	13.30	11.24	23.97	12.73	7.94	8.09	16.03	12.05	29.97	17.92
		1	67	7.14	6.51	13.66	11.35	23.97	12.62	8.03	8.45	16.48	12.17	29.97	17.80
5250	2 x 996	-	68	7.01	6.29	13.31	11.24	23.97	12.73	7.89	8.16	16.05	12.05	29.97	17.92

					5G_CH0						5G_CH1					
Tested	RU		RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	tone	Segment	Index	Factor *1)	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.	Meter Reading	Loss	Loss	Gain	Cond. Power	e.i.r.p.
[MHz]				[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5250	106	0	53	0.00	-13.84	1.92	20.17	0.51	8.25	8.76	-14.28	1.97	20.18	1.13	7.87	9.00
		0	60	0.00	-13.47	1.92	20.17	0.51	8.62	9.13	-13.90	1.97	20.18	1.13	8.25	9.38
		1	60	0.00	-13.69	1.92	20.17	0.51	8.40	8.91	-14.11	1.97	20.18	1.13	8.04	9.17
5250	242	0	61	0.00	-13.92	1.92	20.17	0.51	8.17	8.68	-14.01	1.97	20.18	1.13	8.14	9.27
		0	64	0.00	-13.38	1.92	20.17	0.51	8.71	9.22	-13.83	1.97	20.18	1.13	8.32	9.45
		1	64	0.00	-13.58	1.92	20.17	0.51	8.51	9.02	-13.84	1.97	20.18	1.13	8.31	9.44
5250	484	0	65	0.00	-13.73	1.92	20.17	0.51	8.36	8.87	-14.04	1.97	20.18	1.13	8.11	9.24
		0	66	0.00	-13.44	1.92	20.17	0.51	8.65	9.16	-13.83	1.97	20.18	1.13	8.32	9.45
		1	66	0.00	-13.62	1.92	20.17	0.51	8.47	8.98	-13.87	1.97	20.18	1.13	8.28	9.41
5250	996	0	67	0.00	-13.60	1.92	20.17	0.51	8.49	9.00	-14.20	1.97	20.18	1.13	7.95	9.08
		1	67	0.00	-13.55	1.92	20.17	0.51	8.54	9.05	-14.01	1.97	20.18	1.13	8.14	9.27
5250	2 x 996	-	68	0.00	-13.63	1.92	20.17	0.51	8.46	8.97	-14.16	1.97	20.18	1.13	7.99	9.12

*1) Duty factor is 0, since this measurement w as performed only on the on time using the gate function of pow er meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

Although the EUT operates on Master mode, more stringent limit for Client device was applied. (UNII-1 for FCC)
For all test frequencies, B was applied the minimum value (163.230 MHz) as conservative limit. (26-tone)
For all test frequencies, B was applied the minimum value (163.324 MHz) as conservative limit. (52-tone)
For all test frequencies, B was applied the minimum value (164.405 MHz) as conservative limit. (106-tone)
For all test frequencies, B was applied the minimum value (165.187 MHz) as conservative limit. (242-tone)
For all test frequencies, B was applied the minimum value (166.706 MHz) as conservative limit. (484-tone)
For all test frequencies, B was applied the minimum value (170.499 MHz) as conservative limit. (996-tone)
For all test frequencies, B was applied the minimum value (172.356 MHz) as conservative limit. (2x996-tone)
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.
* RU 26 and RU 52 are the same power setting for High power mode and Standard power mode. (Data is listed in High power mode)

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	March 19, 2024	February 2, 2024
Temperature / Humidity	25 deg. C / 46 % RH	22 deg. C / 30 % RH
Engineer	Yuta Shiba	Yosuke Murakami
Mode	Tx 11ax-160 (OFDMA) (SDM)	

[Standard Power mode]

11ax-160 (OFDMA)(SDM)
5G_CH0 + 5G_CH1

Applied limit: 15.407, mobile and portable client device

Tested	RU		RU	Conducted power						e.i.r.p.					
Frequency	tone	Segment	Index	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				5G_CH0	5G_CH1	Sum				5G_CH0	5G_CH1	Sum			
[MHz]				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5570	26	0	0	6.29	6.43	12.72	11.05	23.97	12.92	7.08	8.34	15.42	11.88	29.97	18.09
		0	36	7.09	7.48	14.58	11.64	23.97	12.33	7.98	9.71	17.68	12.48	29.97	17.49
		1	36	6.64	7.35	13.98	11.46	23.97	12.51	7.46	9.53	16.99	12.30	29.97	17.67
5570	52	0	37	6.14	6.82	12.96	11.13	23.97	12.84	6.90	8.85	15.75	11.97	29.97	18.00
		0	52	7.00	7.41	14.41	11.59	23.97	12.38	7.87	9.62	17.49	12.43	29.97	17.54
		1	52	6.51	7.30	13.81	11.40	23.97	12.57	7.33	9.46	16.79	12.25	29.97	17.72
5570	106	0	53	6.04	6.35	12.39	10.93	23.97	13.04	6.79	8.24	15.03	11.77	29.97	18.20
		0	60	6.81	7.13	13.94	11.44	23.97	12.53	7.65	9.25	16.90	12.28	29.97	17.69
		1	60	6.37	7.13	13.50	11.30	23.97	12.67	7.16	9.25	16.41	12.15	29.97	17.82
5570	242	0	61	6.31	6.82	13.13	11.18	23.97	12.79	7.09	8.85	15.95	12.03	29.97	17.94
		0	64	6.64	7.35	13.98	11.46	23.97	12.51	7.46	9.53	16.99	12.30	29.97	17.67
		1	64	6.79	7.66	14.45	11.60	23.97	12.37	7.64	9.93	17.57	12.45	29.97	17.52
5570	484	0	65	6.18	6.81	12.99	11.14	23.97	12.83	6.95	8.83	15.78	11.98	29.97	17.99
		0	66	6.58	7.16	13.74	11.38	23.97	12.59	7.39	9.29	16.69	12.22	29.97	17.75
		1	66	6.40	7.31	13.71	11.37	23.97	12.60	7.19	9.49	16.68	12.22	29.97	17.75
5570	996	0	67	6.65	6.84	13.49	11.30	23.97	12.67	7.48	8.87	16.35	12.14	29.97	17.83
		1	67	6.38	7.20	13.58	11.33	23.97	12.64	7.18	9.33	16.51	12.18	29.97	17.79
5570	2 x 996	-	68	6.61	7.13	13.74	11.38	23.97	12.59	7.43	9.25	16.68	12.22	29.97	17.75

					5G_CH0						5G_CH1					
Tested	RU		RU	Duty	Power	Cable	Atten.	Antenna	Result		Power	Cable	Atten.	Antenna	Result	
Frequency	tone	Segment	Index	Factor	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.	Meter	Loss	Loss	Gain	Cond.	e.i.r.p.
				*1)	Reading				Power		Reading				Power	
[MHz]				[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5570	26	0	0	0.00	-14.13	1.95	20.16	0.51	7.99	8.50	-14.13	2.04	20.17	1.13	8.08	9.21
		0	36	0.00	-13.61	1.95	20.16	0.51	8.51	9.02	-13.47	2.04	20.17	1.13	8.74	9.87
		1	36	0.00	-13.90	1.95	20.16	0.51	8.22	8.73	-13.55	2.04	20.17	1.13	8.66	9.79
5570	52	0	37	0.00	-14.24	1.95	20.16	0.51	7.88	8.39	-13.87	2.04	20.17	1.13	8.34	9.47
		0	52	0.00	-13.67	1.95	20.16	0.51	8.45	8.96	-13.51	2.04	20.17	1.13	8.70	9.83
		1	52	0.00	-13.98	1.95	20.16	0.51	8.14	8.65	-13.58	2.04	20.17	1.13	8.63	9.76
5570	106	0	53	0.00	-14.31	1.95	20.16	0.51	7.81	8.32	-14.18	2.04	20.17	1.13	8.03	9.16
		0	60	0.00	-13.79	1.95	20.16	0.51	8.33	8.84	-13.68	2.04	20.17	1.13	8.53	9.66
		1	60	0.00	-14.08	1.95	20.16	0.51	8.04	8.55	-13.68	2.04	20.17	1.13	8.53	9.66
5570	242	0	61	0.00	-14.12	1.95	20.16	0.51	8.00	8.51	-13.87	2.04	20.17	1.13	8.34	9.47
		0	64	0.00	-13.90	1.95	20.16	0.51	8.22	8.73	-13.55	2.04	20.17	1.13	8.66	9.79
		1	64	0.00	-13.80	1.95	20.16	0.51	8.32	8.83	-13.37	2.04	20.17	1.13	8.84	9.97
5570	484	0	65	0.00	-14.21	1.95	20.16	0.51	7.91	8.42	-13.88	2.04	20.17	1.13	8.33	9.46
		0	66	0.00	-13.94	1.95	20.16	0.51	8.18	8.69	-13.66	2.04	20.17	1.13	8.55	9.68
		1	66	0.00	-14.06	1.95	20.16	0.51	8.06	8.57	-13.57	2.04	20.17	1.13	8.64	9.77
5570	996	0	67	0.00	-13.89	1.95	20.16	0.51	8.23	8.74	-13.86	2.04	20.17	1.13	8.35	9.48
		1	67	0.00	-14.07	1.95	20.16	0.51	8.05	8.56	-13.64	2.04	20.17	1.13	8.57	9.70
5570	2 x 996	-	68	0.00	-13.92	1.95	20.16	0.51	8.20	8.71	-13.68	2.04	20.17	1.13	8.53	9.66

*1) Duty factor is 0, since this measurement w as performed only on the on time using the gate function of pow er meter.

Sample Calculation:
Conducted Power Result = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor
e.i.r.p. Result = Conducted Power Result + Antenna Gain
Conducted Power Limit (5250 MHz-5350 MHz, 5470 MHz-5725 MHz) = 250 mW or (11 + 10logB) dBm, whichever is lower
Conducted Power Limit (5725 MHz-5850 MHz) = 1 W

For all test frequencies, B was applied the minimum value (163.230 MHz) as conservative limit. (26-tone)
For all test frequencies, B was applied the minimum value (163.324 MHz) as conservative limit. (52-tone)
For all test frequencies, B was applied the minimum value (164.405 MHz) as conservative limit. (106-tone)
For all test frequencies, B was applied the minimum value (165.187 MHz) as conservative limit. (242-tone)
For all test frequencies, B was applied the minimum value (166.706 MHz) as conservative limit. (484-tone)
For all test frequencies, B was applied the minimum value (170.499 MHz) as conservative limit. (996-tone)
For all test frequencies, B was applied the minimum value (172.356 MHz) as conservative limit. (2x996-tone)
*1) Duty factor is 0, since this measurement was performed only on the on time using the gate function of power meter.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 4, 2023
Temperature / Humidity	25 deg. C / 49 % RH
Engineer	Ken Fujita
Mode	Tx 11a

5180 MHz

Mode	Data rate	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0	5G_CH1	5G_CH0	5G_CH1					
	[Mbps]	[dBm]	[dBm]	[mW]	[mW]	[mW]	[dBm]	[dB]	[dBm]	
11a	6	-12.78	-14.25	0.05272	0.03758	0.09031	-10.44	0.00	-10.44	
	9	-12.84	-14.24	0.05200	0.03767	0.08967	-10.47	0.00	-10.47	
	12	-12.86	-14.41	0.05176	0.03622	0.08798	-10.56	0.00	-10.56	
	18	-12.91	-14.27	0.05117	0.03741	0.08858	-10.53	0.00	-10.53	
	24	-12.80	-14.19	0.05248	0.03811	0.09059	-10.43	0.00	-10.43	
	36	-12.84	-14.07	0.05200	0.03917	0.09117	-10.40	0.00	-10.40	
	48	-12.77	-14.15	0.05284	0.03846	0.09130	-10.40	0.00	-10.40	
	54	-12.76	-14.14	0.05297	0.03855	0.09151	-10.39	0.00	-10.39	*

* Worst rate

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	July 4, 2023	July 5, 2023
Temperature / Humidity	25 deg. C / 49 % RH	26 deg. C / 47 % RH
Engineer	Ken Fujita	Ken Fujita
Mode	Tx 11n-20	

5180 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11n-20 (CDD)	0	-12.90	-14.47	0.05129	0.03573	0.08701	-10.60	0.00	-10.60	
	1	-13.02	-14.35	0.04989	0.03673	0.08662	-10.62	0.00	-10.62	
	2	-12.92	-14.38	0.05105	0.03648	0.08753	-10.58	0.00	-10.58	
	3	-13.01	-14.43	0.05000	0.03606	0.08606	-10.65	0.00	-10.65	
	4	-12.88	-14.19	0.05152	0.03811	0.08963	-10.48	0.00	-10.48	
	5	-12.59	-14.01	0.05508	0.03972	0.09480	-10.23	0.00	-10.23	*
	6	-12.56	-14.41	0.05546	0.03622	0.09169	-10.38	0.00	-10.38	
	7	-12.69	-14.11	0.05383	0.03882	0.09264	-10.33	0.00	-10.33	

* Worst rate

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5180 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11n-20 (SDM)	8	-13.09	-15.06	0.04909	0.03119	0.08028	-10.95	0.00	-10.95	
	9	-13.07	-15.12	0.04932	0.03076	0.08008	-10.96	0.00	-10.96	
	10	-13.12	-15.15	0.04875	0.03055	0.07930	-11.01	0.00	-11.01	
	11	-12.98	-15.06	0.05035	0.03119	0.08154	-10.89	0.00	-10.89	
	12	-12.88	-14.92	0.05152	0.03221	0.08373	-10.77	0.00	-10.77	
	13	-12.94	-14.98	0.05082	0.03177	0.08258	-10.83	0.00	-10.83	
	14	-12.89	-14.87	0.05140	0.03258	0.08399	-10.76	0.00	-10.76	
	15	-12.85	-14.90	0.05188	0.03236	0.08424	-10.74	0.00	-10.74	*

* Worst rate

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 5, 2023
Temperature / Humidity	26 deg. C / 47 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-20

5180 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ac-20 (CDD)	0 (1SS)	-13.10	-15.18	0.04898	0.03034	0.07932	-11.01	0.00	-11.01	
	1 (1SS)	-13.03	-15.11	0.04977	0.03083	0.08061	-10.94	0.00	-10.94	
	2 (1SS)	-13.06	-15.21	0.04943	0.03013	0.07956	-10.99	0.00	-10.99	
	3 (1SS)	-13.02	-15.22	0.04989	0.03006	0.07995	-10.97	0.00	-10.97	
	4 (1SS)	-12.96	-14.90	0.05058	0.03236	0.08294	-10.81	0.00	-10.81	
	5 (1SS)	-12.91	-14.98	0.05117	0.03177	0.08294	-10.81	0.00	-10.81	
	6 (1SS)	-12.94	-14.87	0.05082	0.03258	0.08340	-10.79	0.00	-10.79	
	7 (1SS)	-12.90	-14.89	0.05129	0.03243	0.08372	-10.77	0.00	-10.77	
	8 (1SS)	-12.82	-14.92	0.05224	0.03221	0.08445	-10.73	0.00	-10.73	*
	9 (1SS)	-12.91	-14.85	0.05117	0.03273	0.08390	-10.76	0.00	-10.76	

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5180 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ac-20 (SDM)	0 (2SS)	-13.09	-15.03	0.04909	0.03141	0.08050	-10.94	0.00	-10.94	
	1 (2SS)	-12.98	-15.16	0.05035	0.03048	0.08083	-10.92	0.00	-10.92	
	2 (2SS)	-12.99	-15.09	0.05023	0.03097	0.08121	-10.90	0.00	-10.90	
	3 (2SS)	-13.08	-15.04	0.04920	0.03133	0.08054	-10.94	0.00	-10.94	
	4 (2SS)	-12.91	-14.89	0.05117	0.03243	0.08360	-10.78	0.00	-10.78	
	5 (2SS)	-12.82	-14.94	0.05224	0.03206	0.08430	-10.74	0.00	-10.74	
	6 (2SS)	-12.89	-14.85	0.05140	0.03273	0.08414	-10.75	0.00	-10.75	
	7 (2SS)	-12.77	-14.90	0.05284	0.03236	0.08520	-10.70	0.00	-10.70	*
	8 (2SS)	-12.81	-14.98	0.05236	0.03177	0.08413	-10.75	0.00	-10.75	
	9 (2SS)	-12.89	-14.93	0.05140	0.03214	0.08354	-10.78	0.00	-10.78	

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 5, 2023
Temperature / Humidity	26 deg. C / 47 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-20

5180 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ax-20 (OFDM) (CDD)	0 (1SS)	-12.93	-15.09	0.05093	0.03097	0.08191	-10.87	0.00	-10.87	
	1 (1SS)	-13.02	-15.08	0.04989	0.03105	0.08093	-10.92	0.00	-10.92	
	2 (1SS)	-13.02	-15.16	0.04989	0.03048	0.08037	-10.95	0.00	-10.95	
	3 (1SS)	-12.98	-14.99	0.05035	0.03170	0.08205	-10.86	0.00	-10.86	
	4 (1SS)	-12.83	-14.95	0.05212	0.03199	0.08411	-10.75	0.00	-10.75	
	5 (1SS)	-12.89	-14.88	0.05140	0.03251	0.08391	-10.76	0.00	-10.76	
	6 (1SS)	-12.79	-14.85	0.05260	0.03273	0.08534	-10.69	0.00	-10.69	
	7 (1SS)	-12.84	-14.84	0.05200	0.03281	0.08481	-10.72	0.00	-10.72	
	8 (1SS)	-12.70	-14.93	0.05370	0.03214	0.08584	-10.66	0.00	-10.66	
	9 (1SS)	-12.82	-14.93	0.05224	0.03214	0.08438	-10.74	0.00	-10.74	
	10 (1SS)	-12.75	-14.88	0.05309	0.03251	0.08560	-10.68	0.00	-10.68	
	11 (1SS)	-12.73	-14.87	0.05333	0.03258	0.08592	-10.66	0.00	-10.66	*

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5180 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ax-20 (OFDM) (SDM)	0 (2SS)	-12.89	-15.07	0.05140	0.03112	0.08252	-10.83	0.00	-10.83	
	1 (2SS)	-12.93	-15.02	0.05093	0.03148	0.08241	-10.84	0.00	-10.84	
	2 (2SS)	-12.95	-15.10	0.05070	0.03090	0.08160	-10.88	0.00	-10.88	
	3 (2SS)	-12.97	-15.03	0.05047	0.03141	0.08187	-10.87	0.00	-10.87	
	4 (2SS)	-12.79	-14.81	0.05260	0.03304	0.08564	-10.67	0.00	-10.67	
	5 (2SS)	-12.78	-14.84	0.05272	0.03281	0.08553	-10.68	0.00	-10.68	
	6 (2SS)	-12.72	-14.86	0.05346	0.03266	0.08612	-10.65	0.00	-10.65	
	7 (2SS)	-12.75	-14.76	0.05309	0.03342	0.08651	-10.63	0.00	-10.63	
	8 (2SS)	-12.81	-14.87	0.05236	0.03258	0.08494	-10.71	0.00	-10.71	
	9 (2SS)	-12.73	-14.87	0.05333	0.03258	0.08592	-10.66	0.00	-10.66	
	10 (2SS)	-12.82	-14.90	0.05224	0.03236	0.08460	-10.73	0.00	-10.73	
	11 (2SS)	-12.66	-14.87	0.05420	0.03258	0.08678	-10.62	0.00	-10.62	*

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 5, 2023
Temperature / Humidity	26 deg. C / 47 % RH
Engineer	Ken Fujita
Mode	Tx 11n-40

5190 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11n-40 (CDD)	0	-12.96	-15.08	0.05058	0.03105	0.08163	-10.88	0.00	-10.88	
	1	-12.90	-15.08	0.05129	0.03105	0.08233	-10.84	0.00	-10.84	
	2	-12.85	-15.17	0.05188	0.03041	0.08229	-10.85	0.00	-10.85	
	3	-12.91	-15.11	0.05117	0.03083	0.08200	-10.86	0.00	-10.86	
	4	-13.04	-15.00	0.04966	0.03162	0.08128	-10.90	0.00	-10.90	
	5	-12.97	-15.01	0.05047	0.03155	0.08202	-10.86	0.00	-10.86	
	6	-12.93	-15.03	0.05093	0.03141	0.08234	-10.84	0.00	-10.84	
	7	-12.91	-15.02	0.05117	0.03148	0.08265	-10.83	0.00	-10.83	*

* Worst rate

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5190 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11n-40 (SDM)	8	-12.95	-15.24	0.05070	0.02992	0.08062	-10.94	0.00	-10.94	
	9	-12.93	-15.11	0.05093	0.03083	0.08176	-10.87	0.00	-10.87	
	10	-12.94	-15.01	0.05082	0.03155	0.08237	-10.84	0.00	-10.84	
	11	-12.91	-15.16	0.05117	0.03048	0.08165	-10.88	0.00	-10.88	
	12	-12.90	-14.96	0.05129	0.03192	0.08320	-10.80	0.00	-10.80	
	13	-12.92	-15.04	0.05105	0.03133	0.08238	-10.84	0.00	-10.84	
	14	-12.99	-15.03	0.05023	0.03141	0.08164	-10.88	0.00	-10.88	
	15	-12.85	-15.03	0.05188	0.03141	0.08329	-10.79	0.00	-10.79	*

* Worst rate

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 5, 2023
Temperature / Humidity	26 deg. C / 47 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-40

5190 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ac-40 (CDD)	0 (1SS)	-13.05	-15.11	0.04955	0.03083	0.08038	-10.95	0.00	-10.95	
	1 (1SS)	-13.03	-15.08	0.04977	0.03105	0.08082	-10.92	0.00	-10.92	
	2 (1SS)	-12.93	-15.10	0.05093	0.03090	0.08184	-10.87	0.00	-10.87	
	3 (1SS)	-12.97	-15.04	0.05047	0.03133	0.08180	-10.87	0.00	-10.87	
	4 (1SS)	-12.86	-14.99	0.05176	0.03170	0.08346	-10.79	0.00	-10.79	
	5 (1SS)	-13.07	-14.90	0.04932	0.03236	0.08168	-10.88	0.00	-10.88	
	6 (1SS)	-12.86	-14.98	0.05176	0.03177	0.08353	-10.78	0.00	-10.78	
	7 (1SS)	-12.83	-15.02	0.05212	0.03148	0.08360	-10.78	0.00	-10.78	
	8 (1SS)	-13.02	-14.91	0.04989	0.03228	0.08217	-10.85	0.00	-10.85	
	9 (1SS)	-12.86	-14.95	0.05176	0.03199	0.08375	-10.77	0.00	-10.77	*

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5190 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ac-40 (SDM)	0 (2SS)	-12.95	-15.03	0.05070	0.03141	0.08210	-10.86	0.00	-10.86	
	1 (2SS)	-12.79	-15.10	0.05260	0.03090	0.08350	-10.78	0.00	-10.78	
	2 (2SS)	-12.87	-14.98	0.05164	0.03177	0.08341	-10.79	0.00	-10.79	
	3 (2SS)	-12.95	-15.05	0.05070	0.03126	0.08196	-10.86	0.00	-10.86	
	4 (2SS)	-12.95	-15.00	0.05070	0.03162	0.08232	-10.84	0.00	-10.84	
	5 (2SS)	-12.81	-15.01	0.05236	0.03155	0.08391	-10.76	0.00	-10.76	*
	6 (2SS)	-12.97	-14.95	0.05047	0.03199	0.08246	-10.84	0.00	-10.84	
	7 (2SS)	-12.98	-14.96	0.05035	0.03192	0.08227	-10.85	0.00	-10.85	
	8 (2SS)	-12.91	-15.12	0.05117	0.03076	0.08193	-10.87	0.00	-10.87	
	9 (2SS)	-12.98	-15.05	0.05035	0.03126	0.08161	-10.88	0.00	-10.88	

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	July 5, 2023	July 6, 2023
Temperature / Humidity	26 deg. C / 47 % RH	25 deg. C / 48 % RH
Engineer	Ken Fujita	Ken Fujita
Mode	Tx 11ax-40	

5190 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ax-40 (OFDM) (CDD)	0 (1SS)	-13.04	-15.19	0.04966	0.03027	0.07993	-10.97	0.00	-10.97	
	1 (1SS)	-12.97	-15.21	0.05047	0.03013	0.08060	-10.94	0.00	-10.94	
	2 (1SS)	-13.14	-15.34	0.04853	0.02924	0.07777	-11.09	0.00	-11.09	
	3 (1SS)	-13.11	-15.16	0.04887	0.03048	0.07934	-11.00	0.00	-11.00	
	4 (1SS)	-12.91	-15.07	0.05117	0.03112	0.08229	-10.85	0.00	-10.85	
	5 (1SS)	-12.81	-14.96	0.05236	0.03192	0.08428	-10.74	0.00	-10.74	
	6 (1SS)	-12.87	-14.87	0.05164	0.03258	0.08423	-10.75	0.00	-10.75	
	7 (1SS)	-12.81	-14.92	0.05236	0.03221	0.08457	-10.73	0.00	-10.73	
	8 (1SS)	-12.82	-14.93	0.05224	0.03214	0.08438	-10.74	0.00	-10.74	
	9 (1SS)	-12.85	-14.97	0.05188	0.03184	0.08372	-10.77	0.00	-10.77	
	10 (1SS)	-12.86	-14.95	0.05176	0.03199	0.08375	-10.77	0.00	-10.77	
	11 (1SS)	-12.82	-14.89	0.05224	0.03243	0.08467	-10.72	0.00	-10.72	*

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5190 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ac-40 (OFDM) (SDM)	0 (2SS)	-12.94	-14.83	0.05082	0.03289	0.08370	-10.77	0.00	-10.77	
	1 (2SS)	-12.96	-14.72	0.05058	0.03373	0.08431	-10.74	0.00	-10.74	
	2 (2SS)	-13.03	-14.85	0.04977	0.03273	0.08251	-10.84	0.00	-10.84	
	3 (2SS)	-12.98	-14.82	0.05035	0.03296	0.08331	-10.79	0.00	-10.79	
	4 (2SS)	-12.77	-14.57	0.05284	0.03491	0.08776	-10.57	0.00	-10.57	
	5 (2SS)	-12.74	-14.61	0.05321	0.03459	0.08780	-10.56	0.00	-10.56	
	6 (2SS)	-12.76	-14.64	0.05297	0.03436	0.08732	-10.59	0.00	-10.59	
	7 (2SS)	-12.73	-14.52	0.05333	0.03532	0.08865	-10.52	0.00	-10.52	
	8 (2SS)	-12.66	-14.52	0.05420	0.03532	0.08952	-10.48	0.00	-10.48	*
	9 (2SS)	-12.78	-14.51	0.05272	0.03540	0.08812	-10.55	0.00	-10.55	
	10 (2SS)	-12.86	-14.51	0.05176	0.03540	0.08716	-10.60	0.00	-10.60	
	11 (2SS)	-14.77	-14.57	0.03334	0.03491	0.06826	-11.66	0.00	-11.66	

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 6, 2023
Temperature / Humidity	25 deg. C / 48 % RH
Engineer	Ken Fujita
Mode	Tx 11ac-80

5210 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ac-80 (CDD)	0 (1SS)	-13.03	-14.93	0.04977	0.03214	0.08191	-10.87	0.00	-10.87	
	1 (1SS)	-12.99	-14.74	0.05023	0.03357	0.08381	-10.77	0.00	-10.77	
	2 (1SS)	-13.08	-14.87	0.04920	0.03258	0.08179	-10.87	0.00	-10.87	
	3 (1SS)	-13.08	-14.80	0.04920	0.03311	0.08232	-10.85	0.00	-10.85	
	4 (1SS)	-12.94	-14.63	0.05082	0.03443	0.08525	-10.69	0.00	-10.69	
	5 (1SS)	-12.83	-14.63	0.05212	0.03443	0.08655	-10.63	0.00	-10.63	
	6 (1SS)	-12.85	-14.56	0.05188	0.03499	0.08687	-10.61	0.00	-10.61	
	7 (1SS)	-12.89	-14.66	0.05140	0.03420	0.08560	-10.68	0.00	-10.68	
	8 (1SS)	-12.89	-14.73	0.05140	0.03365	0.08506	-10.70	0.00	-10.70	
	9 (1SS)	-12.81	-14.51	0.05236	0.03540	0.08776	-10.57	0.00	-10.57	*

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5210 MHz

Mode	MCS Number	Reading						Duty factor *1)	Burst power	Remarks
		Antenna		Antenna		Sum				
		5G_CH0 [dBm]	5G_CH1 [dBm]	5G_CH0 [mW]	5G_CH1 [mW]	[mW]	[dBm]	[dB]	[dBm]	
11ac-80 (SDM)	0 (2SS)	-13.11	-14.75	0.04887	0.03350	0.08236	-10.84	0.00	-10.84	
	1 (2SS)	-12.90	-14.73	0.05129	0.03365	0.08494	-10.71	0.00	-10.71	
	2 (2SS)	-12.91	-14.79	0.05117	0.03319	0.08436	-10.74	0.00	-10.74	
	3 (2SS)	-13.10	-14.75	0.04898	0.03350	0.08247	-10.84	0.00	-10.84	
	4 (2SS)	-12.86	-14.67	0.05176	0.03412	0.08588	-10.66	0.00	-10.66	
	5 (2SS)	-12.97	-14.62	0.05047	0.03451	0.08498	-10.71	0.00	-10.71	
	6 (2SS)	-12.98	-14.61	0.05035	0.03459	0.08494	-10.71	0.00	-10.71	
	7 (2SS)	-12.82	-14.61	0.05224	0.03459	0.08683	-10.61	0.00	-10.61	
	8 (2SS)	-12.90	-14.63	0.05129	0.03443	0.08572	-10.67	0.00	-10.67	
	9 (2SS)	-12.82	-14.58	0.05224	0.03483	0.08707	-10.60	0.00	-10.60	*

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 6, 2023
Temperature / Humidity	25 deg. C / 48 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-80

5210 MHz

Mode	MCS Number	Reading Antenna 5G_CH0 [dBm]	Reading Antenna 5G_CH1 [dBm]	Reading Antenna 5G_CH0 [mW]	Reading Antenna 5G_CH1 [mW]	Sum [mW]	Sum [dBm]	Duty factor *1) [dB]	Burst power [dBm]	Remarks
11ax-80 (OFDM) (CDD)	0 (1SS)	-12.83	-14.72	0.05212	0.03373	0.08585	-10.66	0.00	-10.66	
	1 (1SS)	-12.99	-14.81	0.05023	0.03304	0.08327	-10.80	0.00	-10.80	
	2 (1SS)	-13.07	-14.78	0.04932	0.03327	0.08258	-10.83	0.00	-10.83	
	3 (1SS)	-12.96	-14.71	0.05058	0.03381	0.08439	-10.74	0.00	-10.74	
	4 (1SS)	-12.82	-14.44	0.05224	0.03597	0.08821	-10.54	0.00	-10.54	
	5 (1SS)	-12.80	-14.71	0.05248	0.03381	0.08629	-10.64	0.00	-10.64	
	6 (1SS)	-12.84	-14.56	0.05200	0.03499	0.08699	-10.61	0.00	-10.61	
	7 (1SS)	-12.67	-14.57	0.05408	0.03491	0.08899	-10.51	0.00	-10.51	
	8 (1SS)	-12.78	-14.56	0.05272	0.03499	0.08772	-10.57	0.00	-10.57	
	9 (1SS)	-12.71	-14.49	0.05358	0.03556	0.08914	-10.50	0.00	-10.50	*
	10 (1SS)	-12.71	-14.60	0.05358	0.03467	0.08825	-10.54	0.00	-10.54	
	11 (1SS)	-12.78	-14.61	0.05272	0.03459	0.08732	-10.59	0.00	-10.59	

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5210 MHz

Mode	MCS Number	Reading Antenna 5G_CH0 [dBm]	Reading Antenna 5G_CH1 [dBm]	Reading Antenna 5G_CH0 [mW]	Reading Antenna 5G_CH1 [mW]	Sum [mW]	Sum [dBm]	Duty factor *1) [dB]	Burst power [dBm]	Remarks
11ax-80 (OFDM) (SDM)	0 (2SS)	-13.03	-14.79	0.04977	0.03319	0.08296	-10.81	0.00	-10.81	
	1 (2SS)	-12.87	-14.70	0.05164	0.03388	0.08553	-10.68	0.00	-10.68	
	2 (2SS)	-12.90	-14.75	0.05129	0.03350	0.08478	-10.72	0.00	-10.72	
	3 (2SS)	-12.92	-14.72	0.05105	0.03373	0.08478	-10.72	0.00	-10.72	
	4 (2SS)	-12.77	-14.45	0.05284	0.03589	0.08874	-10.52	0.00	-10.52	
	5 (2SS)	-12.68	-14.68	0.05395	0.03404	0.08799	-10.56	0.00	-10.56	
	6 (2SS)	-12.80	-14.53	0.05248	0.03524	0.08772	-10.57	0.00	-10.57	
	7 (2SS)	-12.85	-14.45	0.05188	0.03589	0.08777	-10.57	0.00	-10.57	
	8 (2SS)	-12.87	-14.52	0.05164	0.03532	0.08696	-10.61	0.00	-10.61	
	9 (2SS)	-12.82	-14.35	0.05224	0.03673	0.08897	-10.51	0.00	-10.51	*
	10 (2SS)	-12.86	-14.51	0.05176	0.03540	0.08716	-10.60	0.00	-10.60	
	11 (2SS)	-14.77	-14.57	0.03334	0.03491	0.06826	-11.66	0.00	-11.66	

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	July 6, 2023
Temperature / Humidity	25 deg. C / 48 % RH
Engineer	Ken Fujita
Mode	Tx 11ax-160

5250 MHz

Mode	MCS Number	Reading Antenna 5G_CH0 [dBm]	Reading Antenna 5G_CH1 [dBm]	Reading Antenna 5G_CH0 [mW]	Reading Antenna 5G_CH1 [mW]	Sum [mW]	Sum [dBm]	Duty factor *1) [dB]	Burst power [dBm]	Remarks
11ax-160	0 (1SS)	-12.47	-14.03	0.05662	0.03954	0.09616	-10.17	0.00	-10.17	
(OFDM)	1 (1SS)	-12.40	-14.13	0.05754	0.03864	0.09618	-10.17	0.00	-10.17	
(CDD)	2 (1SS)	-12.57	-14.01	0.05534	0.03972	0.09505	-10.22	0.00	-10.22	
	3 (1SS)	-12.57	-14.07	0.05534	0.03917	0.09451	-10.25	0.00	-10.25	
	4 (1SS)	-12.20	-13.61	0.06026	0.04355	0.10381	-9.84	0.00	-9.84	
	5 (1SS)	-12.22	-13.61	0.05998	0.04355	0.10353	-9.85	0.00	-9.85	
	6 (1SS)	-12.17	-13.74	0.06067	0.04227	0.10294	-9.87	0.00	-9.87	
	7 (1SS)	-12.14	-13.69	0.06109	0.04276	0.10385	-9.84	0.00	-9.84	
	8 (1SS)	-12.21	-13.80	0.06012	0.04169	0.10180	-9.92	0.00	-9.92	
	9 (1SS)	-12.15	-13.64	0.06095	0.04325	0.10421	-9.82	0.00	-9.82	*
	10 (1SS)	-12.13	-13.72	0.06124	0.04246	0.10370	-9.84	0.00	-9.84	
	11 (1SS)	-12.18	-13.73	0.06053	0.04236	0.10290	-9.88	0.00	-9.88	

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

*Worst rate check was performed at different power setting than the main measurements.

5250 MHz

Mode	MCS Number	Reading Antenna 5G_CH0 [dBm]	Reading Antenna 5G_CH1 [dBm]	Reading Antenna 5G_CH0 [mW]	Reading Antenna 5G_CH1 [mW]	Sum [mW]	Sum [dBm]	Duty factor *1) [dB]	Burst power [dBm]	Remarks
11ax-160	0 (2SS)	-12.52	-14.00	0.05598	0.03981	0.09579	-10.19	0.00	-10.19	
(OFDM)	1 (2SS)	-12.10	-13.82	0.06166	0.04150	0.10315	-9.87	0.00	-9.87	
(SDM)	2 (2SS)	-12.63	-13.99	0.05458	0.03990	0.09448	-10.25	0.00	-10.25	
	3 (2SS)	-12.48	-14.14	0.05649	0.03855	0.09504	-10.22	0.00	-10.22	
	4 (2SS)	-12.20	-13.73	0.06026	0.04236	0.10262	-9.89	0.00	-9.89	
	5 (2SS)	-12.20	-13.79	0.06026	0.04178	0.10204	-9.91	0.00	-9.91	
	6 (2SS)	-12.21	-13.76	0.06012	0.04207	0.10219	-9.91	0.00	-9.91	
	7 (2SS)	-12.17	-13.81	0.06067	0.04159	0.10226	-9.90	0.00	-9.90	
	8 (2SS)	-12.21	-13.86	0.06012	0.04111	0.10123	-9.95	0.00	-9.95	
	9 (2SS)	-12.15	-13.84	0.06095	0.04130	0.10226	-9.90	0.00	-9.90	
	10 (2SS)	-12.18	-13.69	0.06053	0.04276	0.10329	-9.86	0.00	-9.86	*
	11 (2SS)	-12.17	-13.75	0.06067	0.04217	0.10284	-9.88	0.00	-9.88	

* Worst rate (* SS: Spatial Stream)

Sample Calculation:

Burst power = Reading (timed average) + Duty factor

All comparison were carried out on same frequency and measurement factors.

*1) Duty factor is 0, since this measureemnt was performed only on the on time using the gate function of power meter.

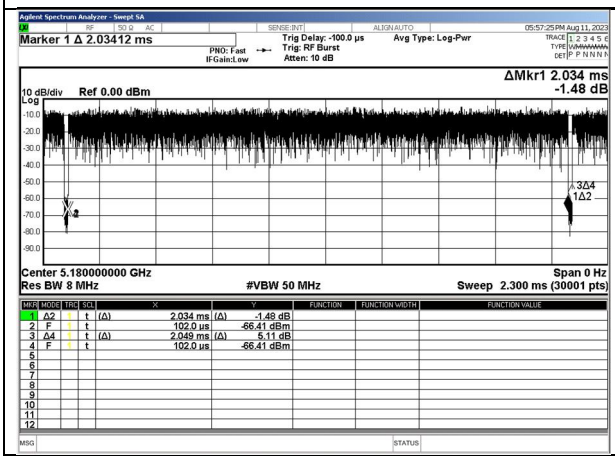
*Worst rate check was performed at different power setting than the main measurements.

Burst rate confirmation

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	August 11, 2023
Temperature / Humidity	26 deg. C / 35 % RH
Engineer	Kenichi Adachi
Mode	Tx

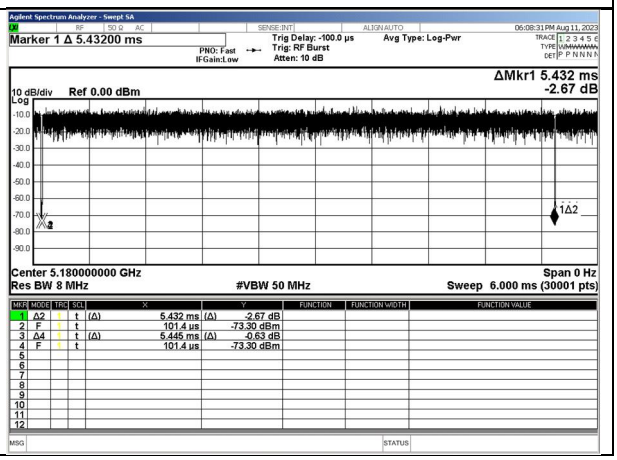
11a
54 Mbps

Tx on / (Tx on + Tx off) =	0.993	
Tx on / (Tx on + Tx off) * 100 =	99.3	%
Duty factor = 10 * log (2.049 / 2.034) =	0.03	dB
VBW: 1 / x = 491.642 Hz <	0.50	kHz
x: (Tx on) =	2.03	ms



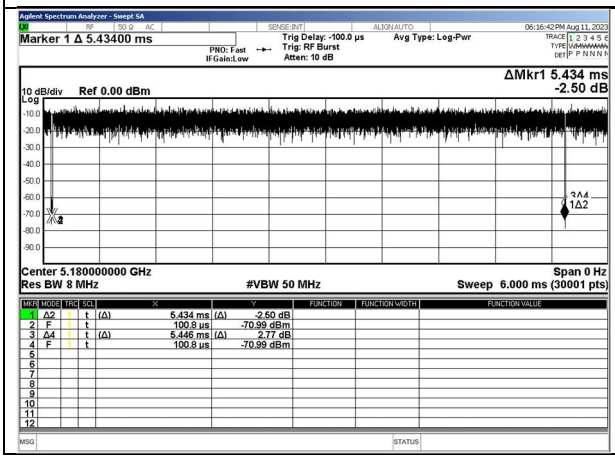
11n-20 (CDD)
MCS 5

Tx on / (Tx on + Tx off) =	0.998	
Tx on / (Tx on + Tx off) * 100 =	99.8	%
Duty factor = 10 * log (5.445 / 5.432) =	0.01	dB
VBW: 1 / x = 184.094 Hz <	0.20	kHz
x: (Tx on) =	5.43	ms



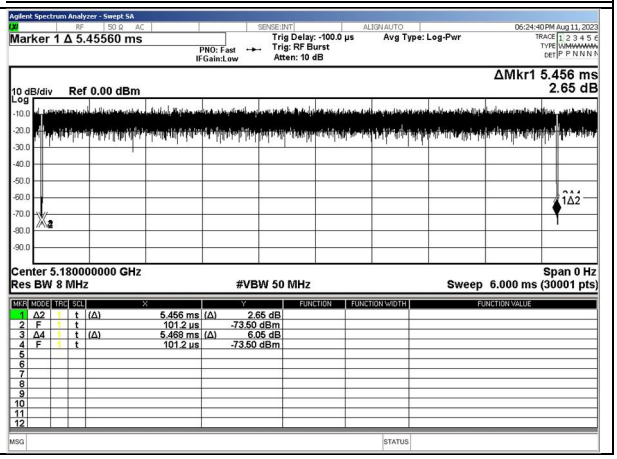
11ac-20 (CDD)
MCS 8

Tx on / (Tx on + Tx off) =	0.998	
Tx on / (Tx on + Tx off) * 100 =	99.8	%
Duty factor = 10 * log (5.446 / 5.434) =	0.01	dB
VBW: 1 / x = 184.026 Hz <	0.20	kHz
x: (Tx on) =	5.43	ms



11ax-20 [OFDM] (CDD)
MCS 11

Tx on / (Tx on + Tx off) =	0.998	
Tx on / (Tx on + Tx off) * 100 =	99.8	%
Duty factor = 10 * log (5.468 / 5.456) =	0.01	dB
VBW: 1 / x = 183.284 Hz <	0.20	kHz
x: (Tx on) =	5.46	ms

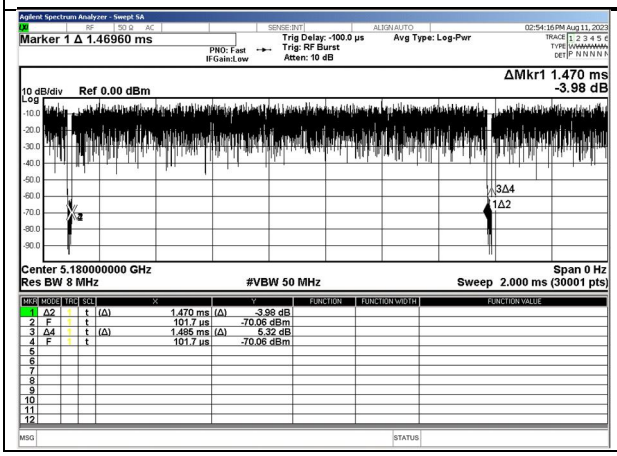


Burst rate confirmation

Test place	Shonan EMC Lab.	
	No.2 Measurement Room	No.5 Shielded Room
Date	August 11, 2023	March 20, 2024
Temperature / Humidity	26 deg. C / 35 % RH	25 deg. C / 32 % RH
Engineer	Kenichi Adachi	Makoto Hosaka
Mode	Tx	

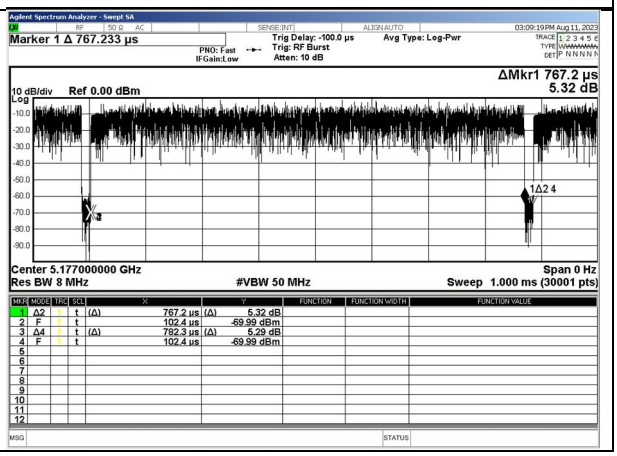
11ax-20 [26-tone RU] (CDD) MCS 11

Tx on / (Tx on + Tx off) =	0.990	
Tx on / (Tx on + Tx off) * 100 =	99.0	%
Duty factor = 10 * log (1.485 / 1.470) =	0.04	dB
VBW: 1 / x = 680.272 Hz <	1.00	kHz
x: (Tx on) =	1.47	ms



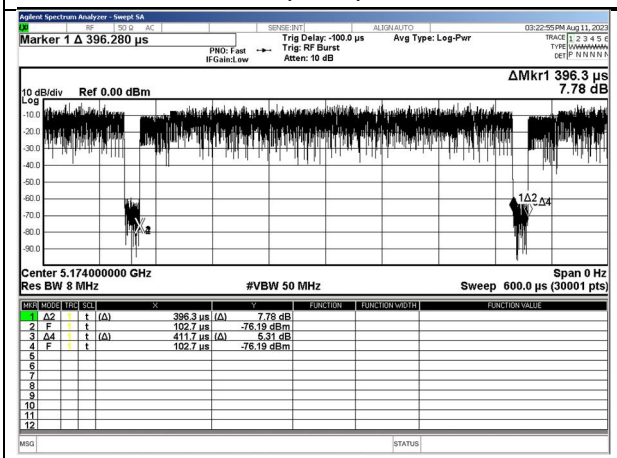
11ax-20 [52-tone RU] (CDD) MCS 11

Tx on / (Tx on + Tx off) =	0.981	
Tx on / (Tx on + Tx off) * 100 =	98.1	%
Duty factor = 10 * log (0.782 / 0.767) =	0.08	dB
VBW: 1 / x = 1303.441 Hz <	2.00	kHz
x: (Tx on) =	0.77	ms



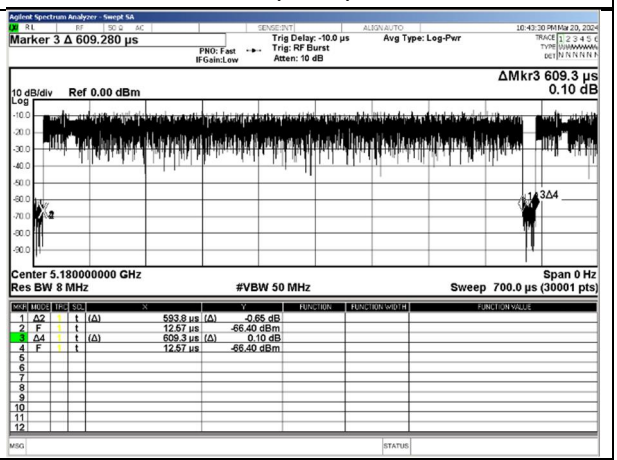
11ax-20 [106-tone RU] (CDD) MCS 11

Tx on / (Tx on + Tx off) =	0.961	
Tx on / (Tx on + Tx off) * 100 =	96.1	%
Duty factor = 10 * log (0.412 / 0.396) =	0.17	dB
VBW: 1 / x = 2523.341 Hz <	3.00	kHz
x: (Tx on) =	0.40	ms



11ax-20 [242-tone RU] (CDD) MCS 11

Tx on / (Tx on + Tx off) =	0.975	
Tx on / (Tx on + Tx off) * 100 =	97.5	%
Duty factor = 10 * log (0.609 / 0.594) =	0.11	dB
VBW: 1 / x = 1684.069 Hz <	2.00	kHz
x: (Tx on) =	0.59	ms

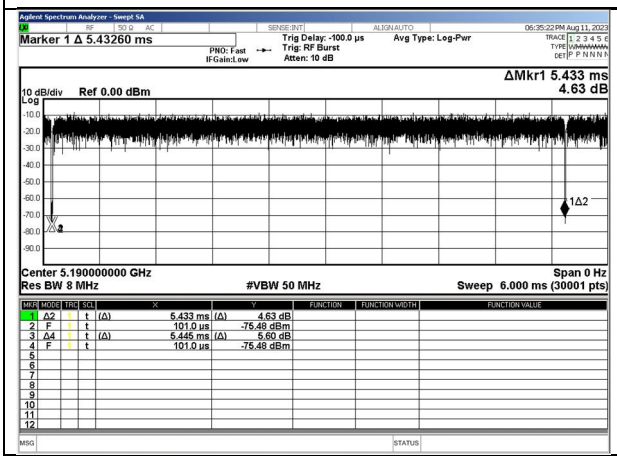


Burst rate confirmation

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	August 11, 2023
Temperature / Humidity	26 deg. C / 35 % RH
Engineer	Kenichi Adachi
Mode	Tx

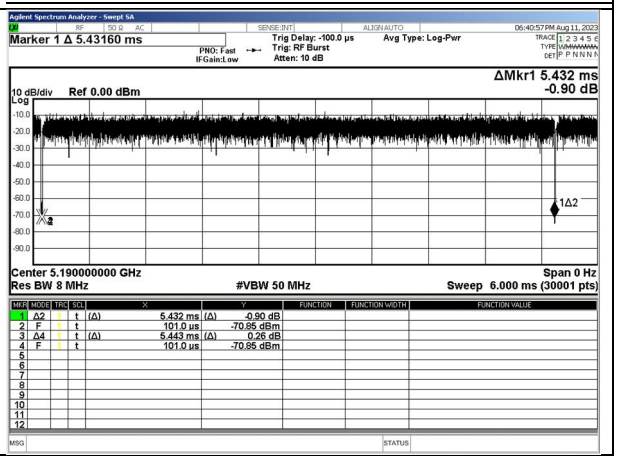
11n-40 (CDD) MCS 7

Tx on / (Tx on + Tx off) =	0.998	
Tx on / (Tx on + Tx off) * 100 =	99.8	%
Duty factor = 10 * log (5.445 / 5.433) =	0.01	dB
VBW: 1 / x = 184.06 Hz <	0.20	kHz
x: (Tx on) =	5.43	ms



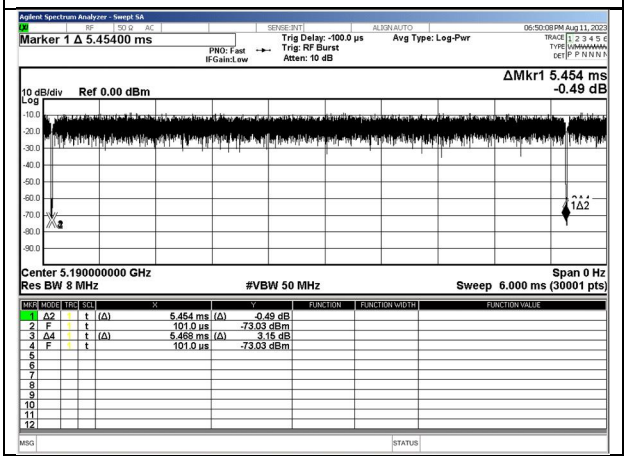
11ac-40 (CDD) MCS 9

Tx on / (Tx on + Tx off) =	0.998	
Tx on / (Tx on + Tx off) * 100 =	99.8	%
Duty factor = 10 * log (5.443 / 5.432) =	0.01	dB
VBW: 1 / x = 184.094 Hz <	0.20	kHz
x: (Tx on) =	5.43	ms



11ax-40 [OFDM] MCS 11

Tx on / (Tx on + Tx off) =	0.997	
Tx on / (Tx on + Tx off) * 100 =	99.7	%
Duty factor = 10 * log (5.468 / 5.454) =	0.01	dB
VBW: 1 / x = 183.352 Hz <	0.20	kHz
x: (Tx on) =	5.45	ms

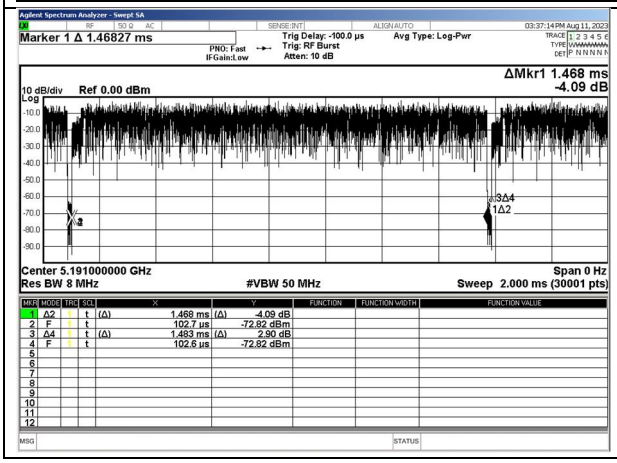


Burst rate confirmation

Test place	Shonan EMC Lab.	
	No.2 Measurement Room	No.5 Shielded Room
Date	August 11, 2023	March 22, 2024
Temperature / Humidity	26 deg. C / 35 % RH	23 deg. C / 36 % RH
Engineer	Kenichi Adachi	Yuta Shiba
Mode	Tx	

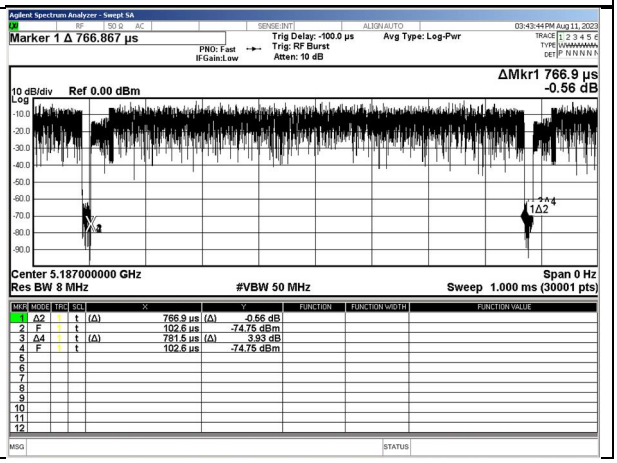
11ax-40 [26-tone RU] (CDD) MCS 11

Tx on / (Tx on + Tx off) = 0.990
Tx on / (Tx on + Tx off) * 100 = 99.0 %
Duty factor = 10 * log (1.483 / 1.468) = 0.04 dB
VBW: 1 / x = 681.199 Hz < 1.00 kHz
x: (Tx on) = 1.47 ms



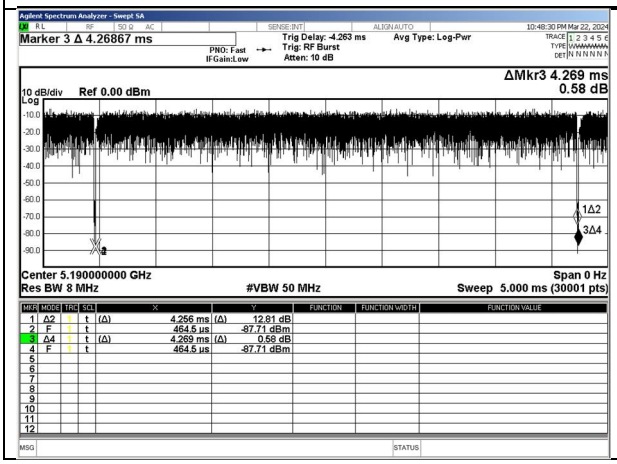
11ax-40 [52-tone RU] (CDD) MCS 11

Tx on / (Tx on + Tx off) = 0.981
Tx on / (Tx on + Tx off) * 100 = 98.1 %
Duty factor = 10 * log (0.782 / 0.767) = 0.08 dB
VBW: 1 / x = 1303.951 Hz < 2.00 kHz
x: (Tx on) = 0.77 ms



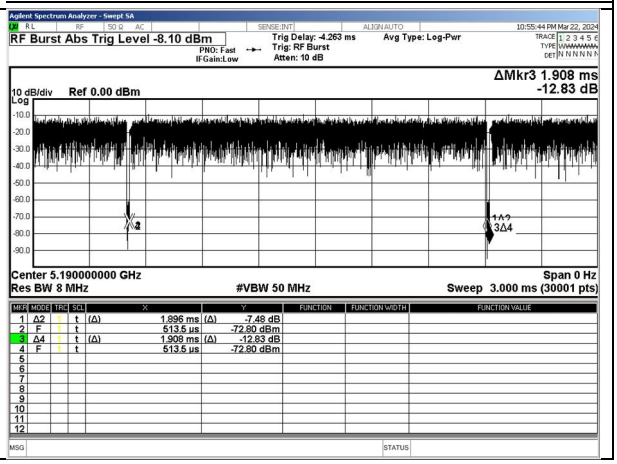
11ax-40 [106-tone RU] (CDD) MCS 11

Tx on / (Tx on + Tx off) = 0.997
Tx on / (Tx on + Tx off) * 100 = 99.7 %
Duty factor = 10 * log (4.269 / 4.256) = 0.01 dB
VBW: 1 / x = 234.962 Hz < 0.30 kHz
x: (Tx on) = 4.26 ms



11ax-40 [242-tone RU] (CDD) MCS 11

Tx on / (Tx on + Tx off) = 0.994
Tx on / (Tx on + Tx off) * 100 = 99.4 %
Duty factor = 10 * log (1.908 / 1.896) = 0.03 dB
VBW: 1 / x = 527.426 Hz < 1.00 kHz
x: (Tx on) = 1.90 ms

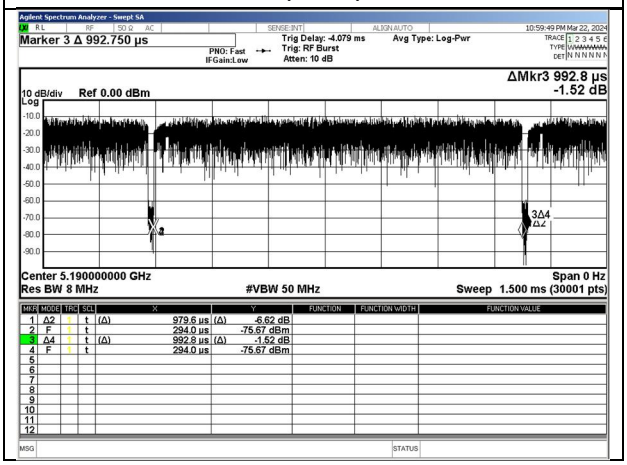


Burst rate confirmation

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 22, 2024
Temperature / Humidity	23 deg. C / 36 % RH
Engineer	Yuta Shiba
Mode	Tx

11ax-40 [484-tone RU]
MCS 11

Tx on / (Tx on + Tx off) =		0.987
Tx on / (Tx on + Tx off) * 100 =		98.7 %
Duty factor = 10 * log (0.993 / 0.980) =		0.06 dB
VBW: 1 / x = 1020.825 Hz <	2.00	kHz
x: (Tx on) =	0.98	ms



Burst rate confirmation

Test place	Shonan EMC Lab. No.2 Measurement Room
Date	August 11, 2023
Temperature / Humidity	26 deg. C / 35 % RH
Engineer	Kenichi Adachi
Mode	Tx

11ac-80 (CDD) MCS 9	11ax-80 [OFDM] MCS 9
Tx on / (Tx on + Tx off) = 0.997	Tx on / (Tx on + Tx off) = 0.998
Tx on / (Tx on + Tx off) * 100 = 99.7 %	Tx on / (Tx on + Tx off) * 100 = 99.8 %
Duty factor = 10 * log (5.445 / 5.431) = 0.01 dB	Duty factor = 10 * log (5.468 / 5.458) = 0.01 dB
VBW: 1 / x = 184.128 Hz < 0.20 kHz	VBW: 1 / x = 183.217 Hz < 0.20 kHz
x: (Tx on) = 5.43 ms	x: (Tx on) = 5.46 ms