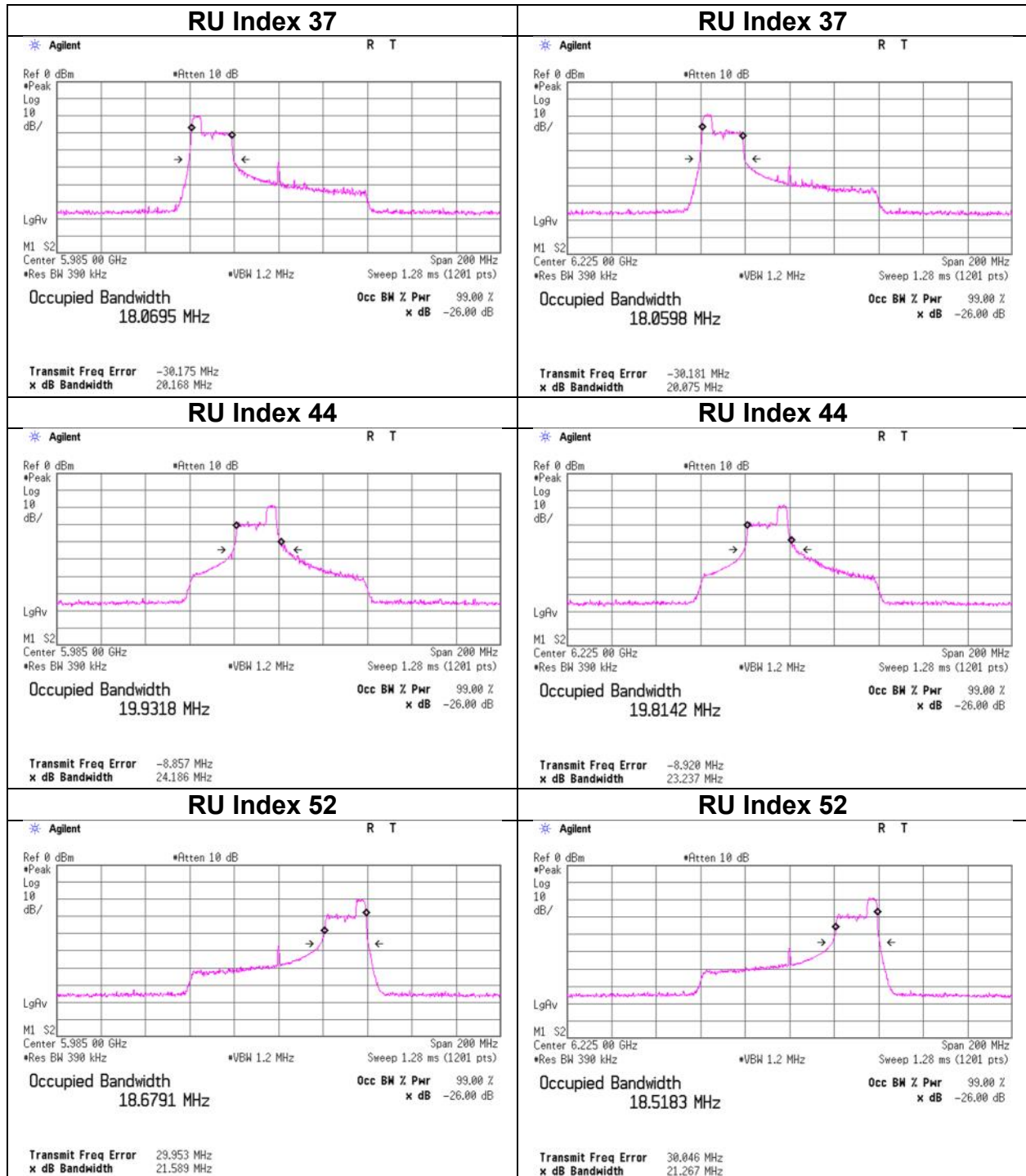


99 % Occupied Bandwidth

11ax-80 (OFDMA)

52-tone RU 5985 MHz

52-tone RU 6225 MHz

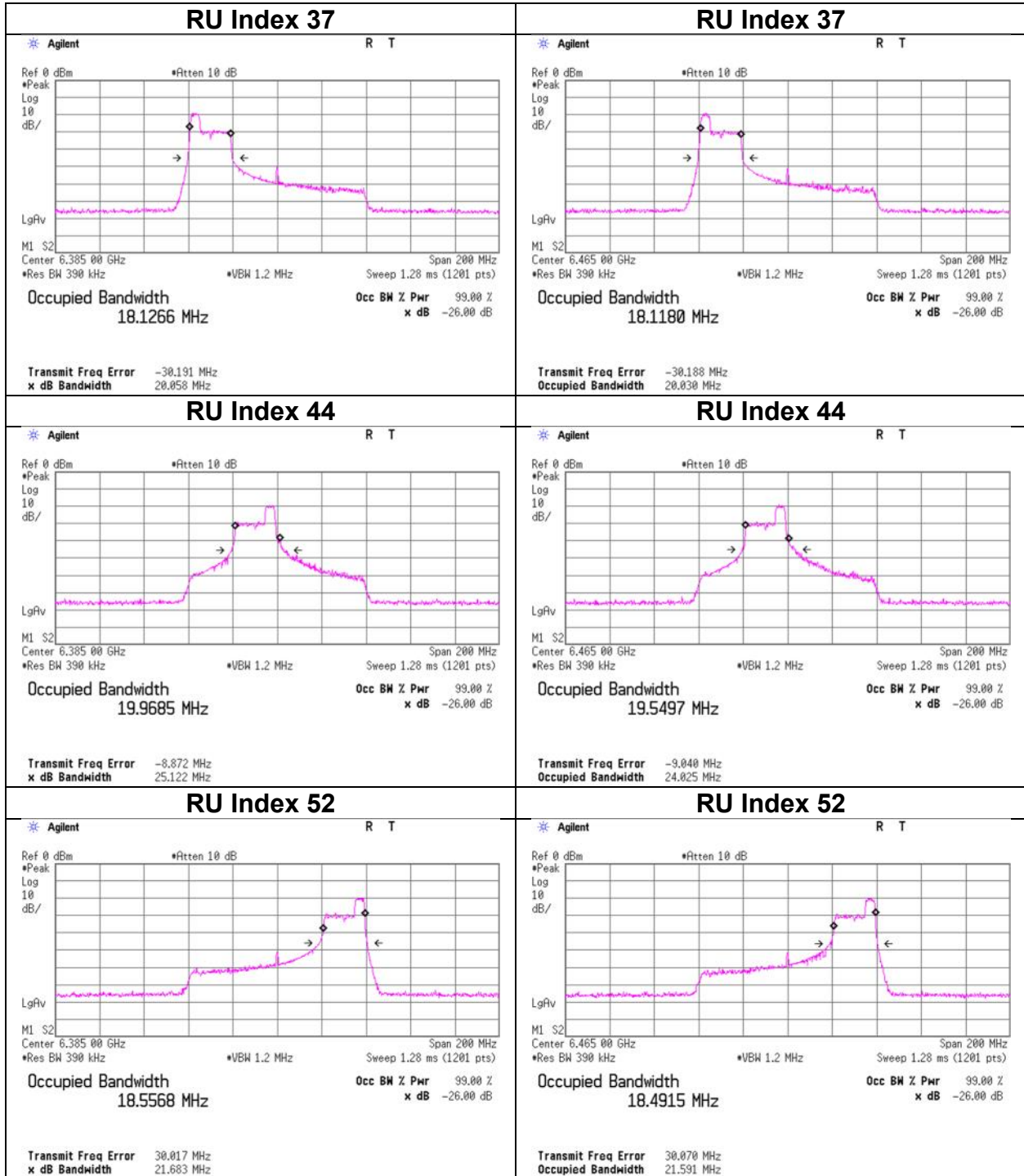


99 % Occupied Bandwidth

11ax-80 (OFDMA)

52-tone RU 6385 MHz

52-tone RU 6465 MHz

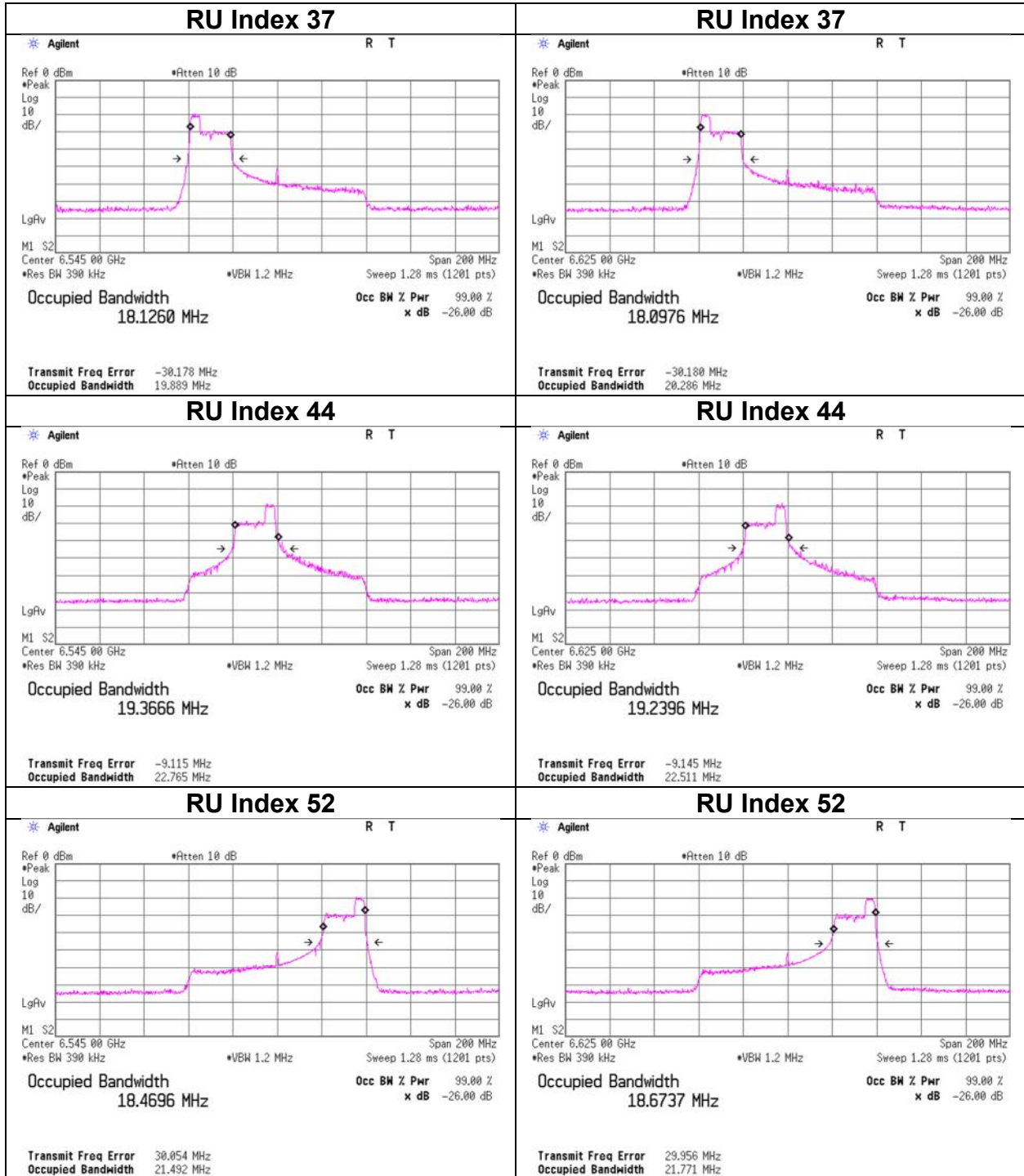


99 % Occupied Bandwidth

11ax-80 (OFDMA)

52-tone RU 6545 MHz

52-tone RU 6625 MHz

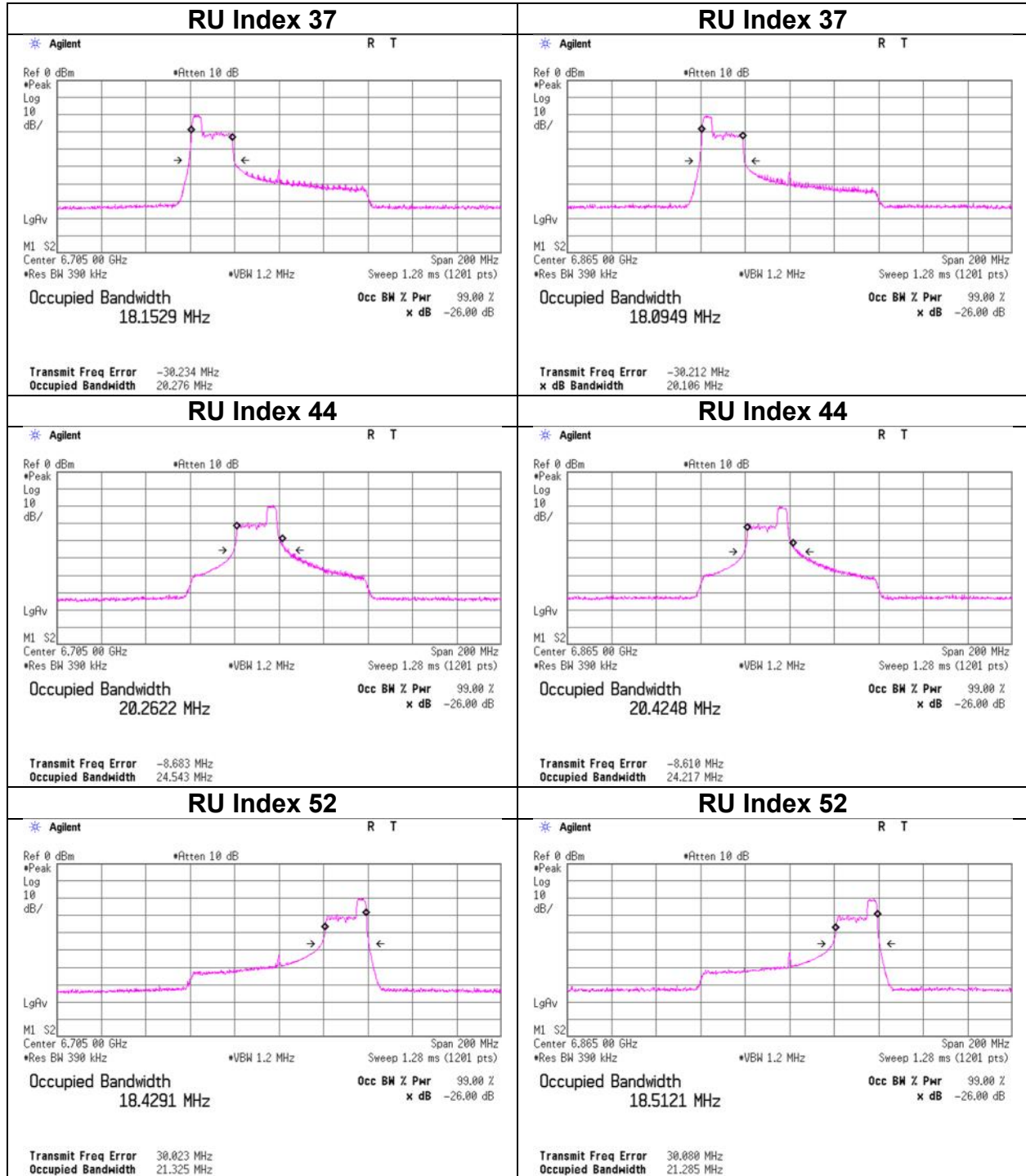


99 % Occupied Bandwidth

11ax-80 (OFDMA)

52-tone RU 6705 MHz

52-tone RU 6865 MHz

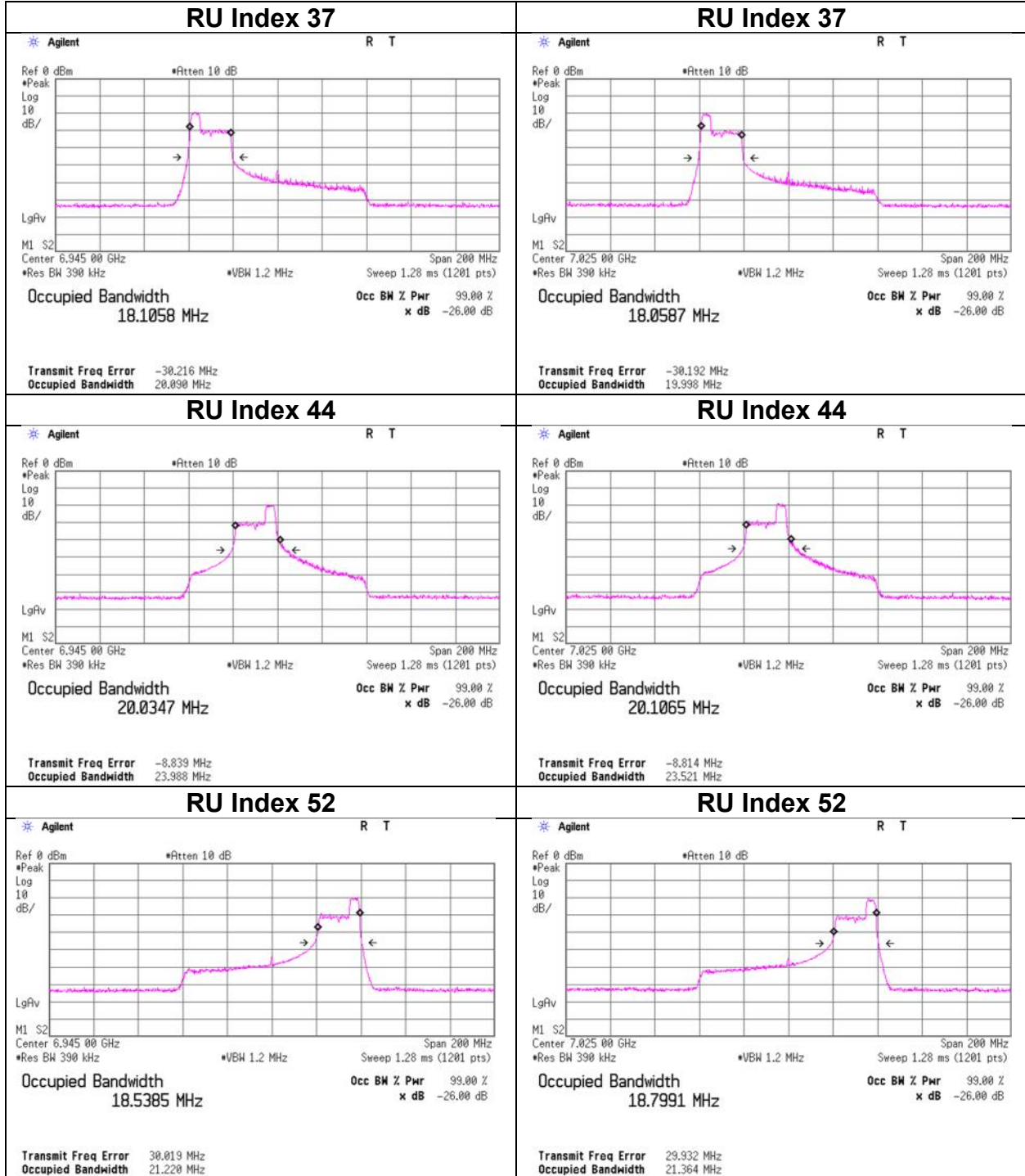


99 % Occupied Bandwidth

11ax-80 (OFDMA)

52-tone RU 6945 MHz

52-tone RU 7025 MHz

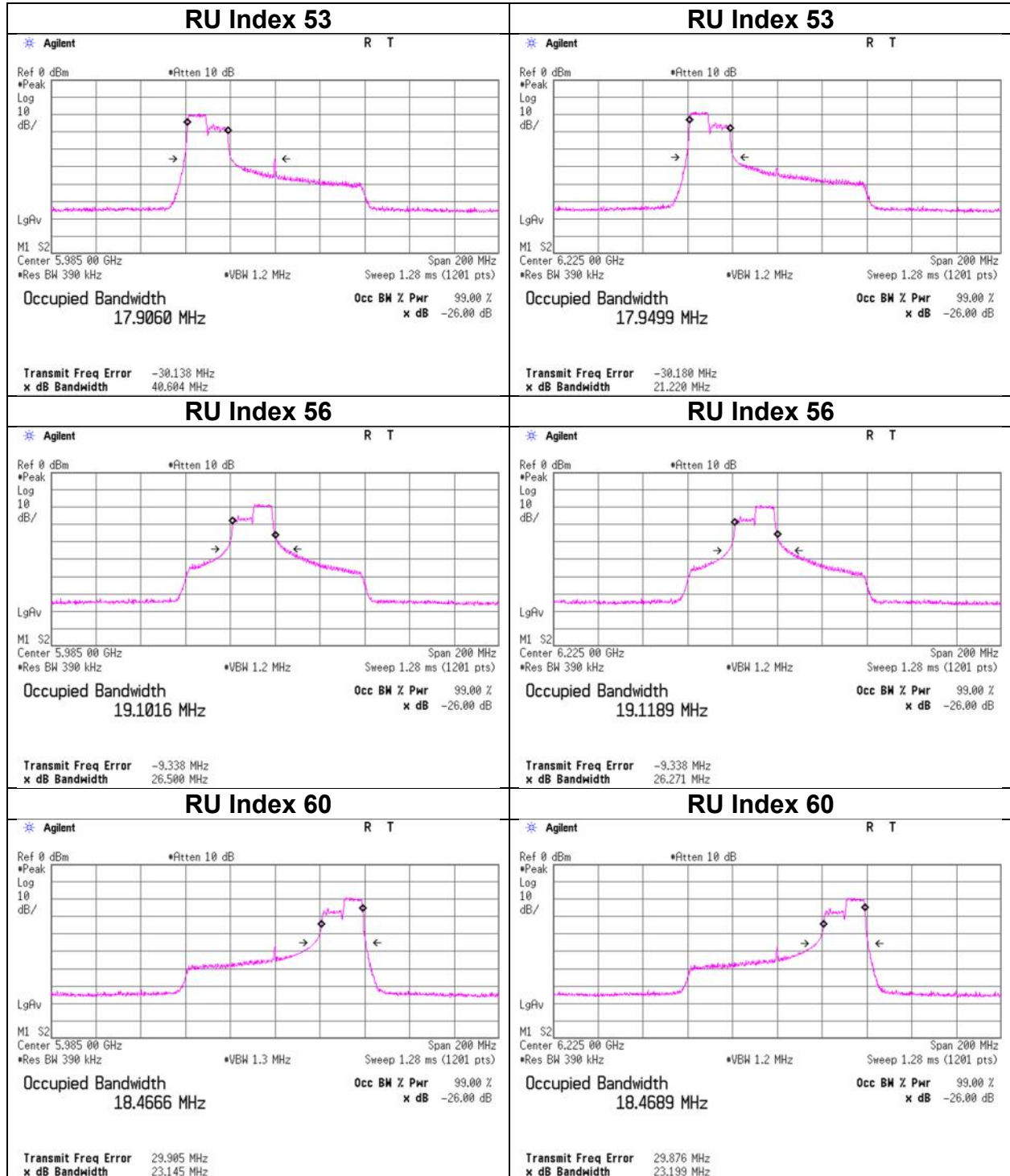


99 % Occupied Bandwidth

11ax-80 (OFDMA)

106-tone RU 5985 MHz

106-tone RU 6225 MHz

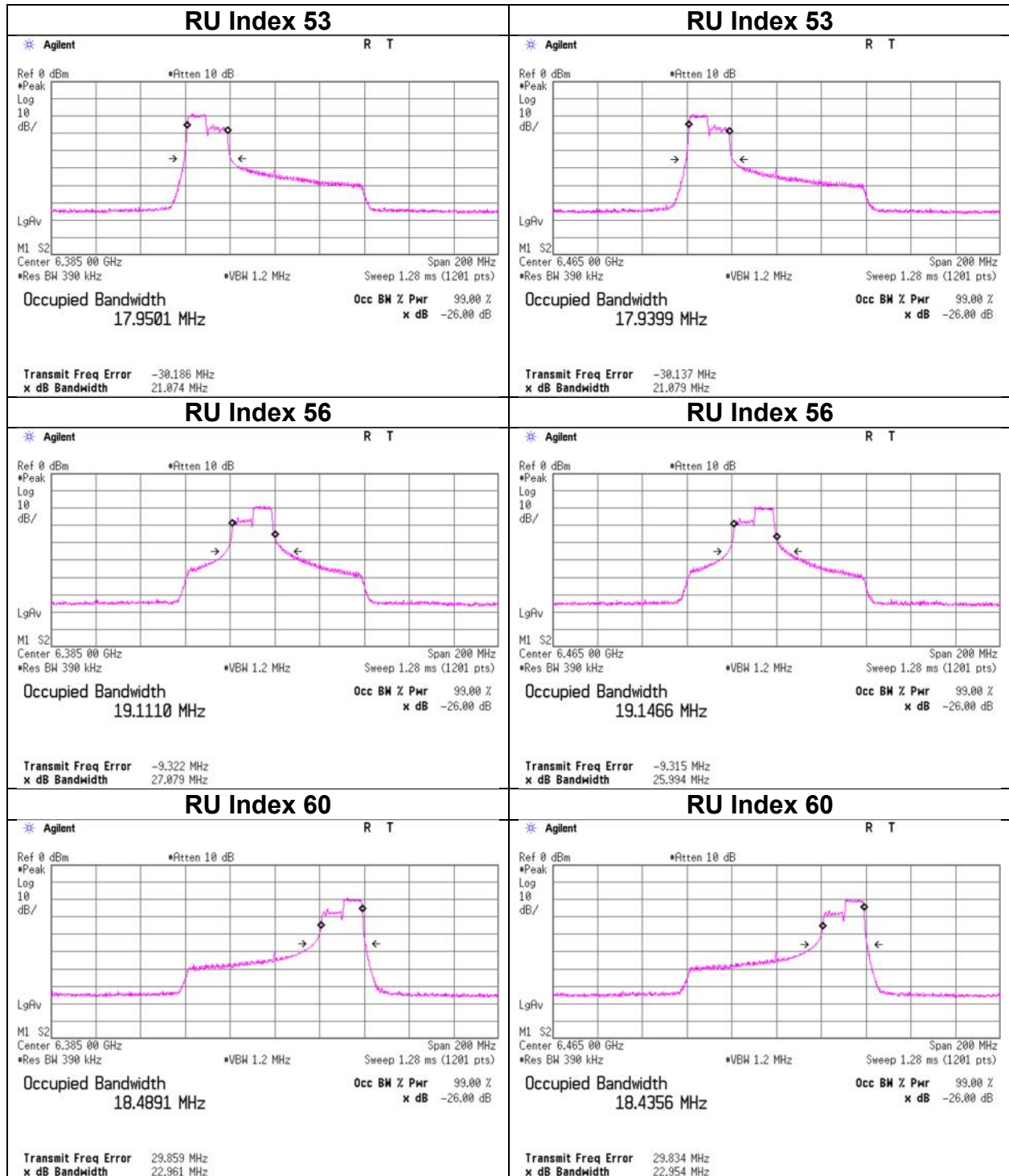


99 % Occupied Bandwidth

11ax-80 (OFDMA)

106-tone RU 6385 MHz

106-tone RU 6465 MHz

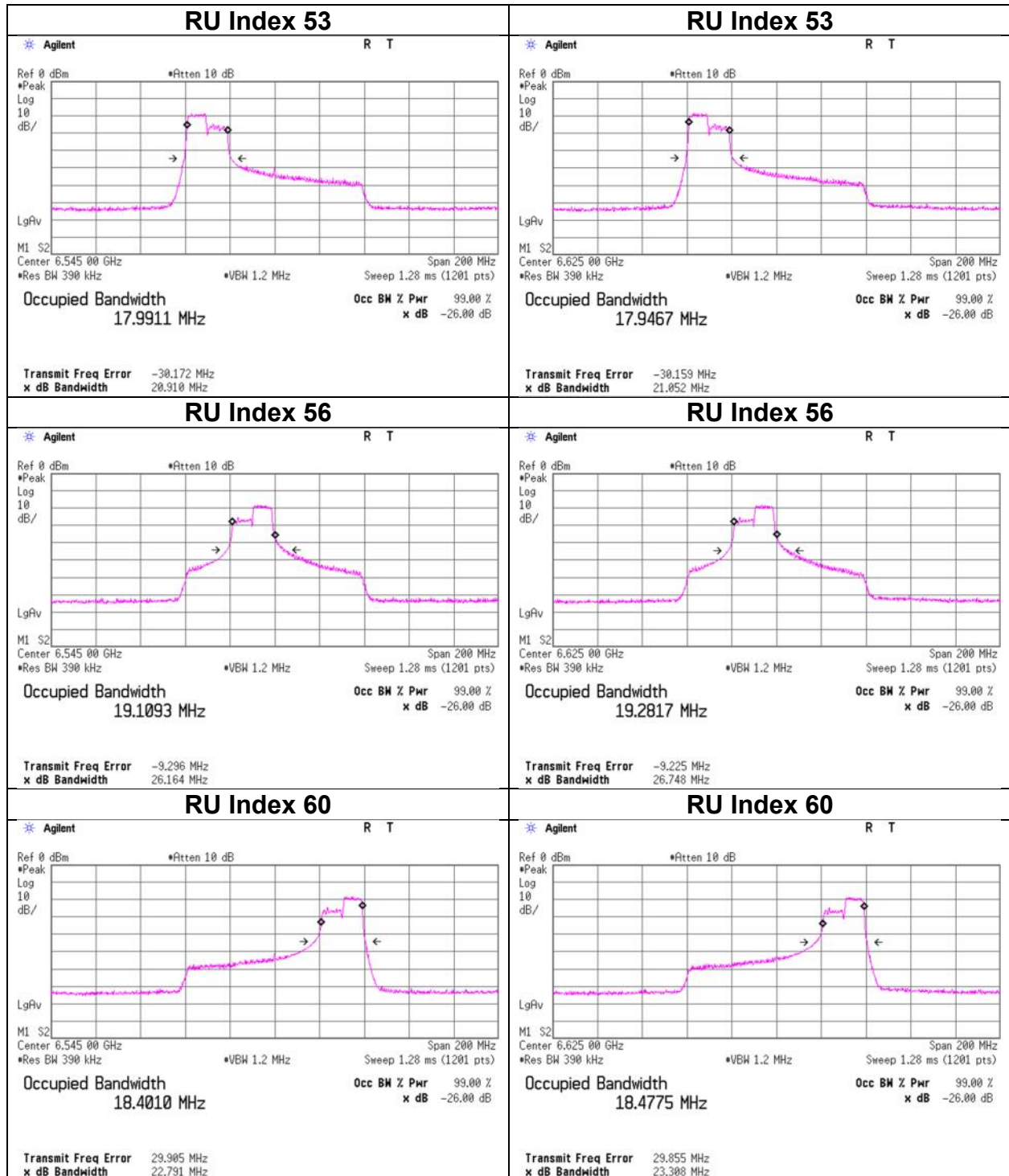


99 % Occupied Bandwidth

11ax-80 (OFDMA)

106-tone RU 6545 MHz

106-tone RU 6625 MHz

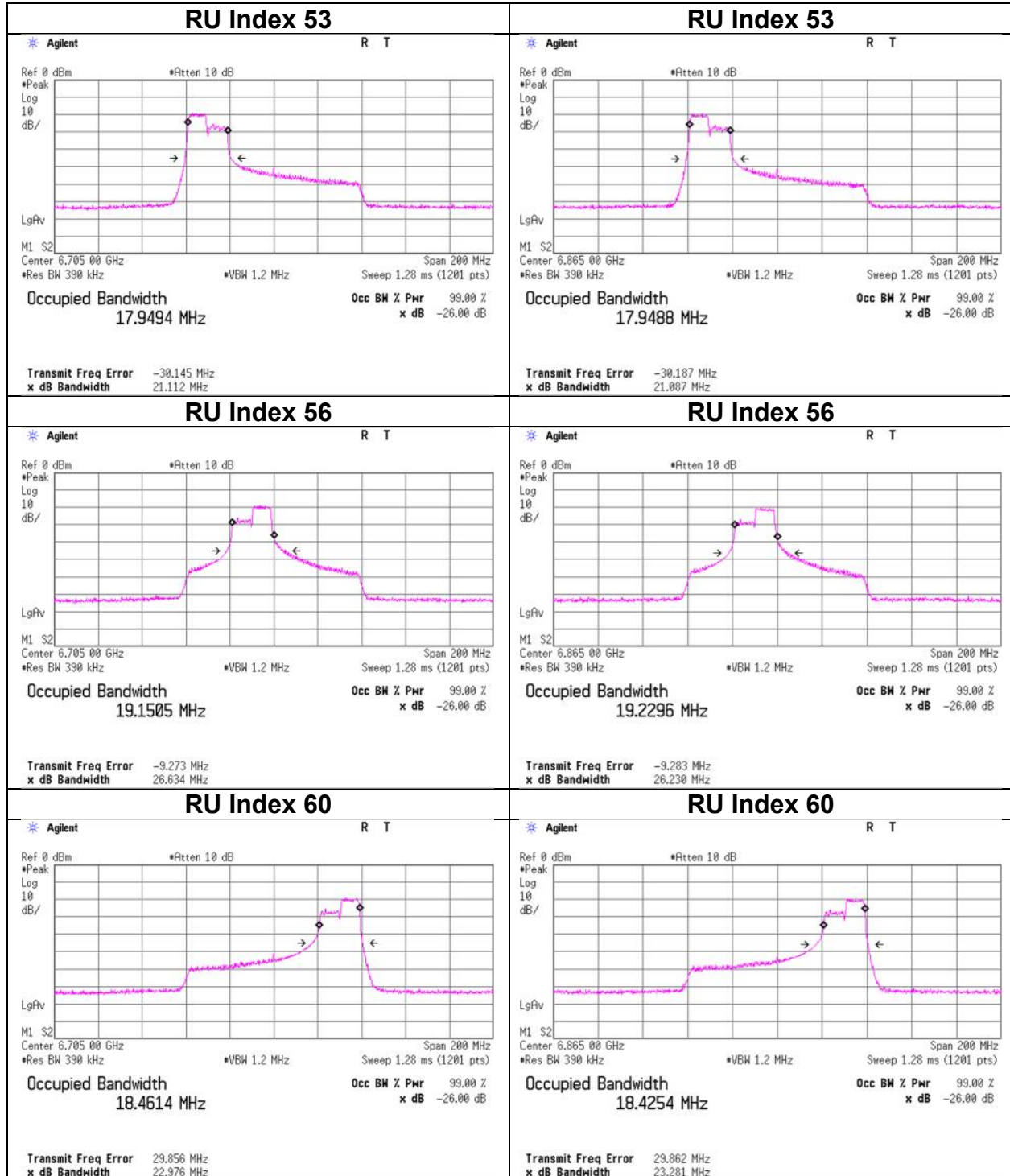


99 % Occupied Bandwidth

11ax-80 (OFDMA)

106-tone RU 6705 MHz

106-tone RU 6865 MHz

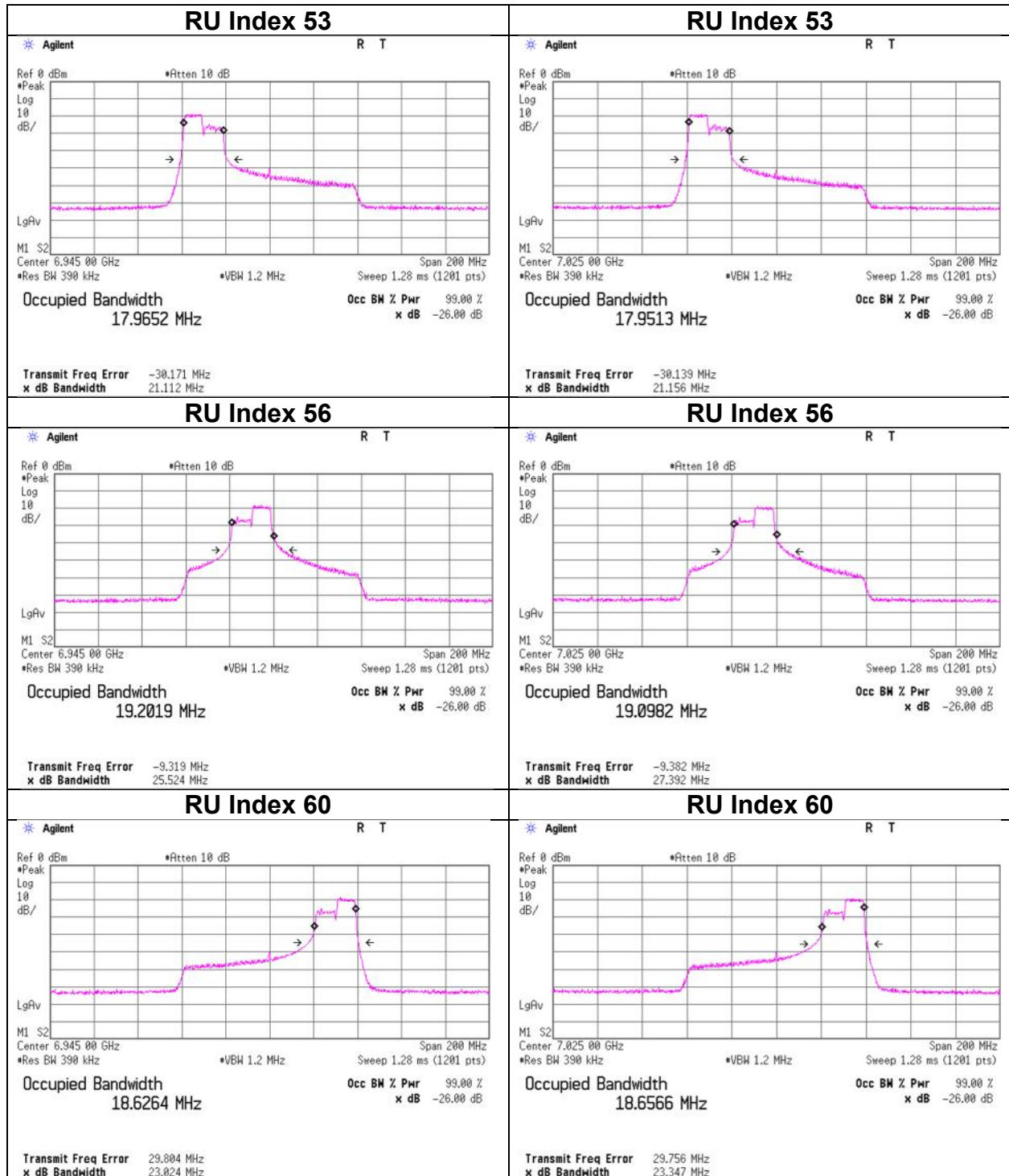


99 % Occupied Bandwidth

11ax-80 (OFDMA)

106-tone RU 6945 MHz

106-tone RU 7025 MHz

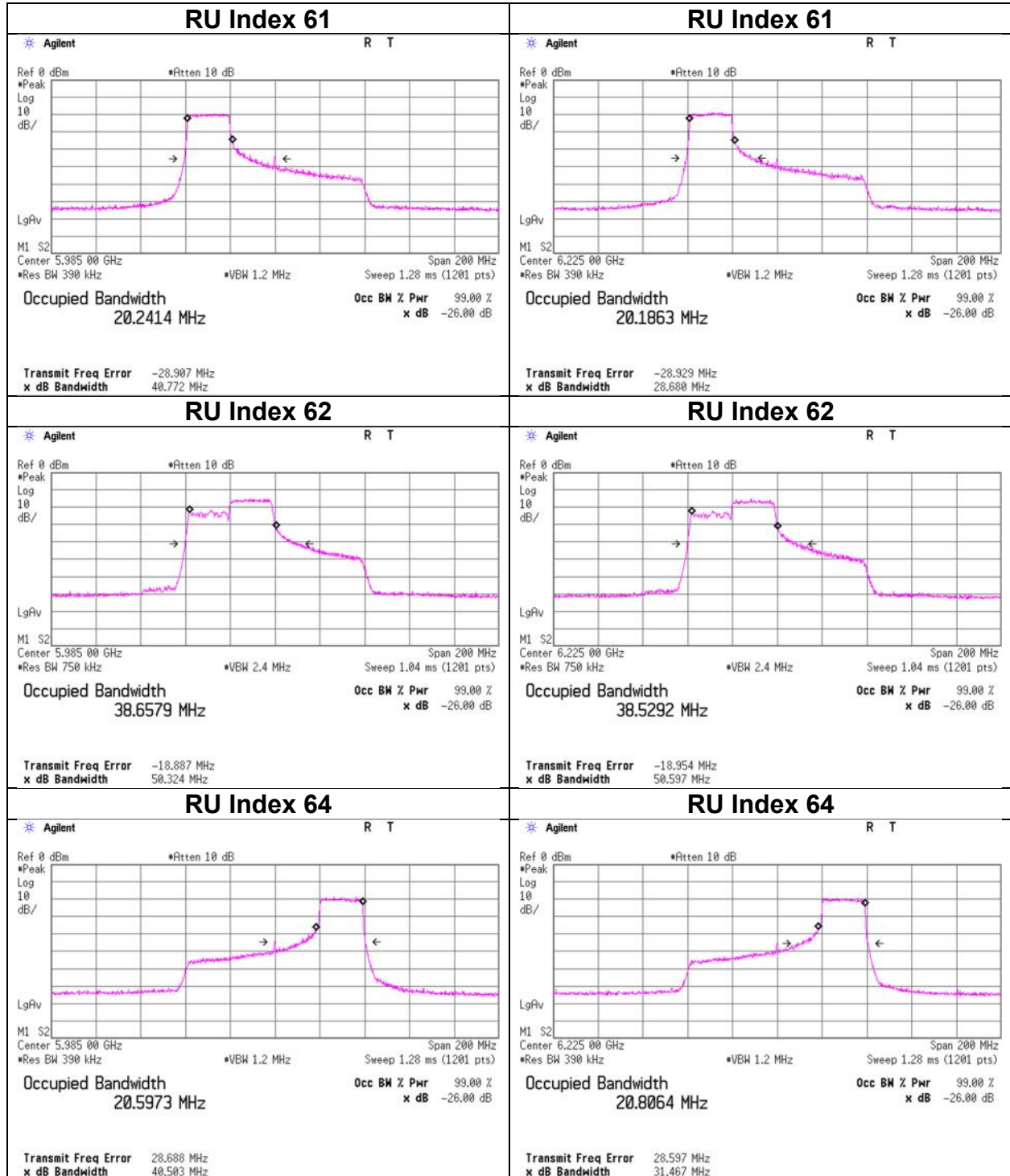


99 % Occupied Bandwidth

11ax-80 (OFDMA)

242-tone RU 5985 MHz

242-tone RU 6225 MHz

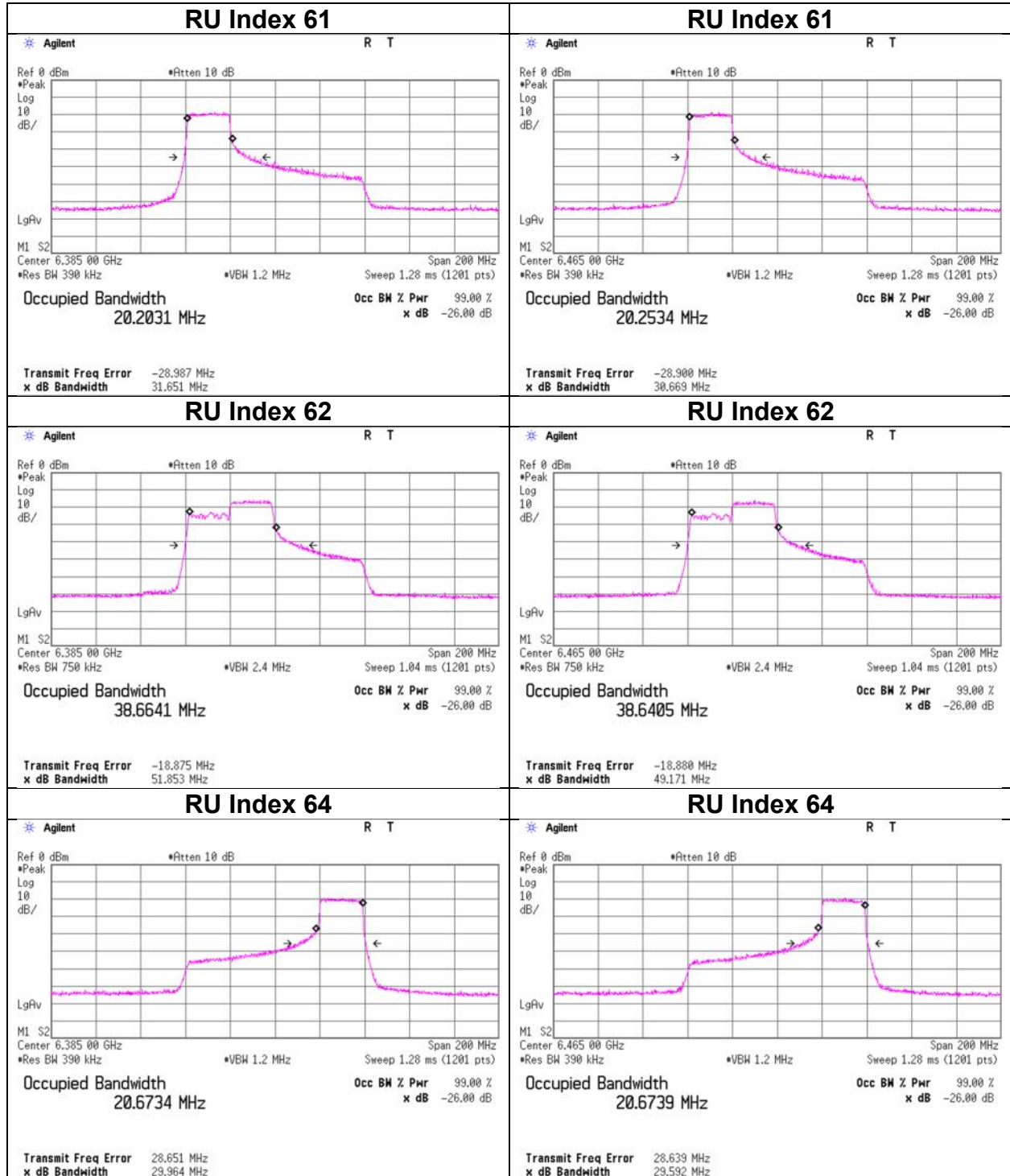


99 % Occupied Bandwidth

11ax-80 (OFDMA)

242-tone RU 6385 MHz

242-tone RU 6465 MHz

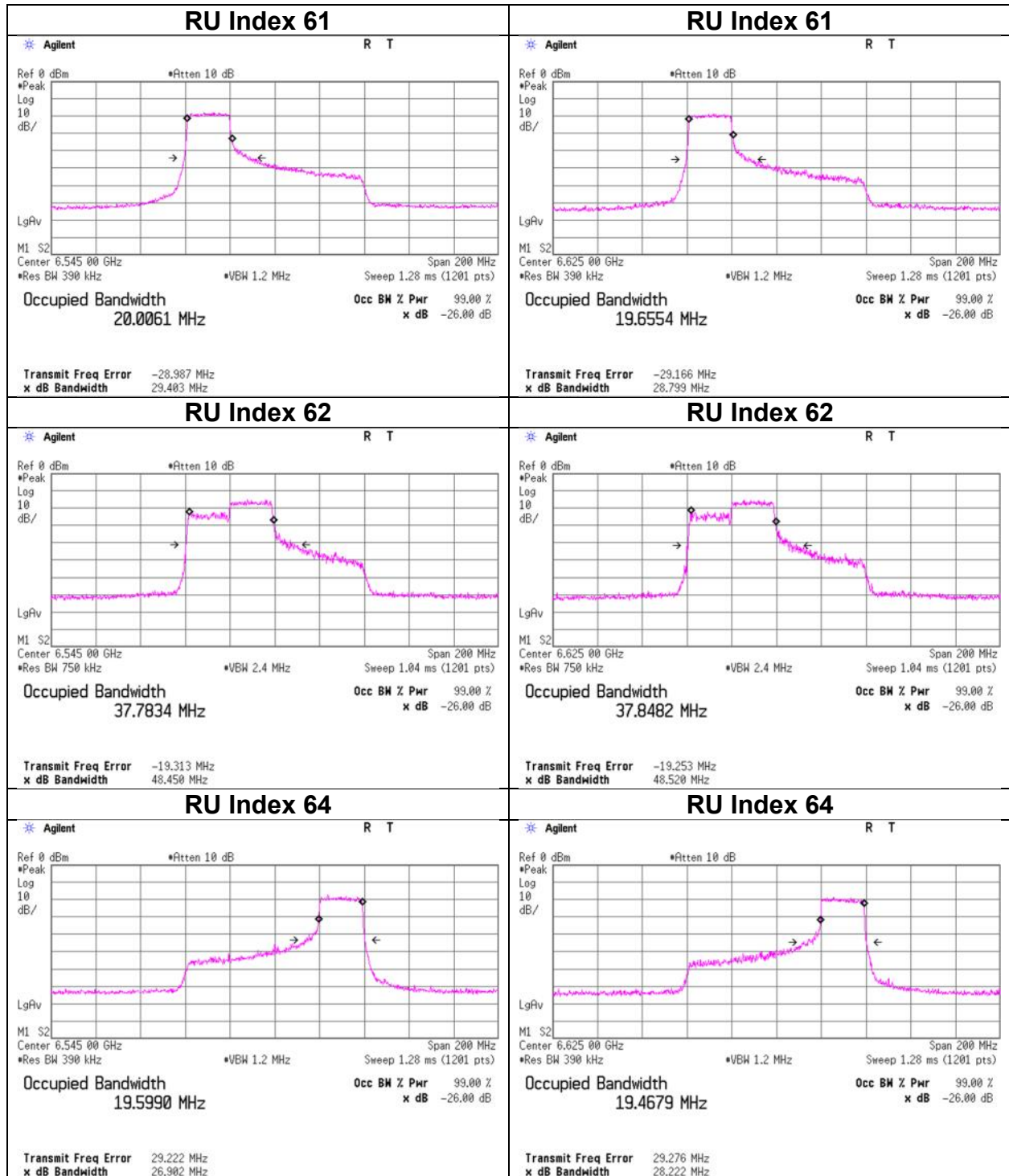


99 % Occupied Bandwidth

11ax-80 (OFDMA)

242-tone RU 6545 MHz

242-tone RU 6625 MHz

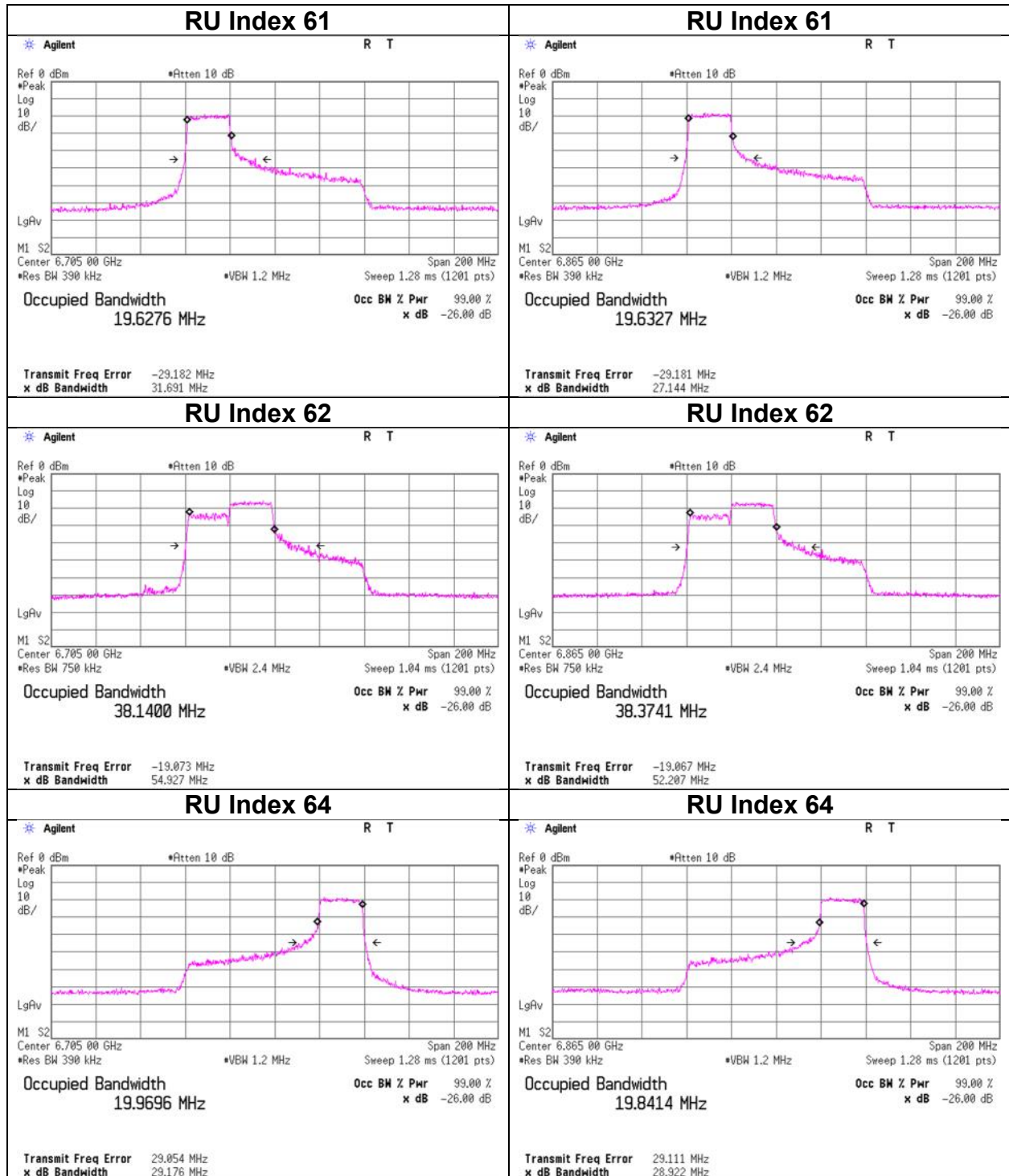


99 % Occupied Bandwidth

11ax-80 (OFDMA)

242-tone RU 6705 MHz

242-tone RU 6865 MHz

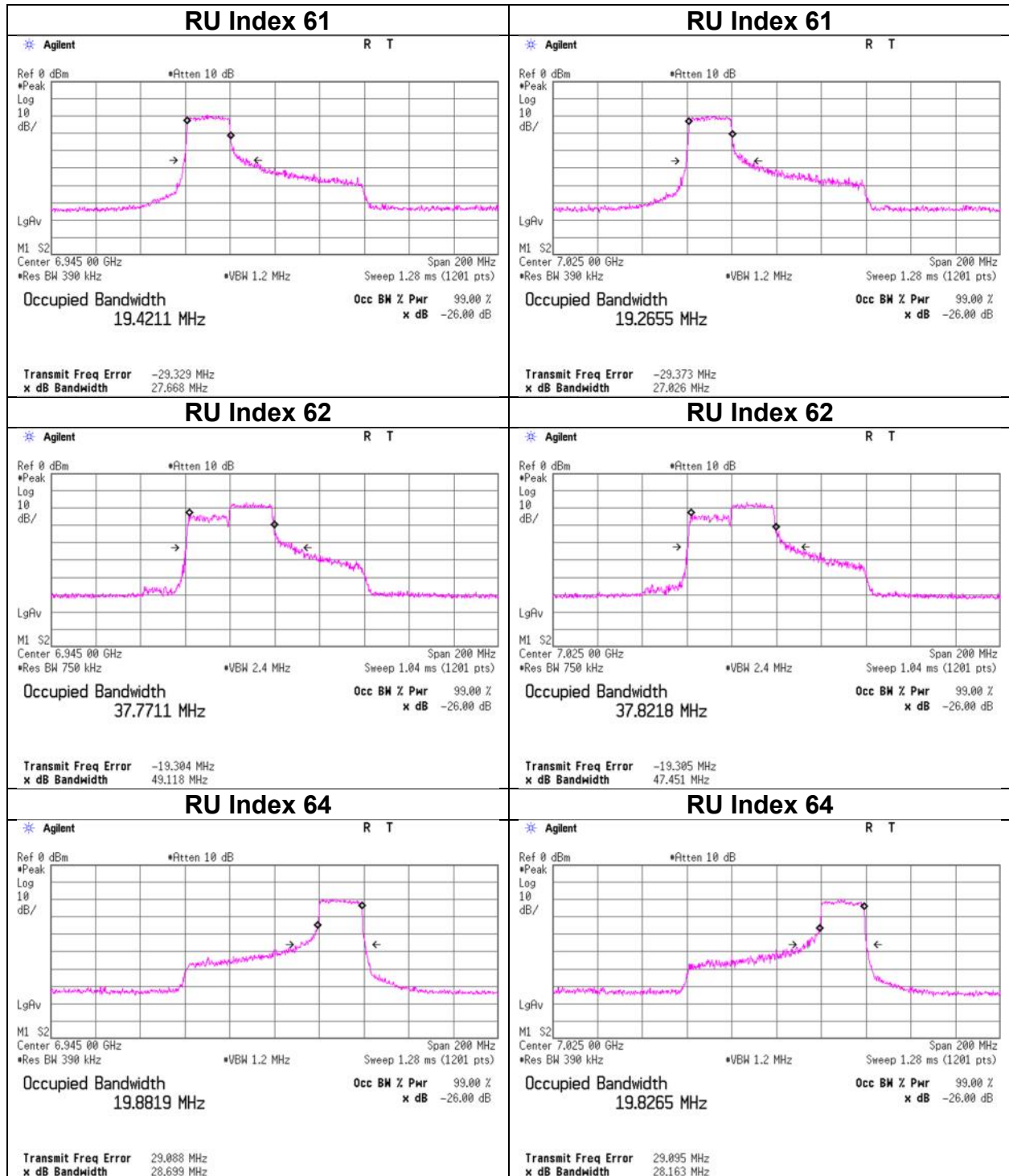


99 % Occupied Bandwidth

11ax-80 (OFDMA)

242-tone RU 6945 MHz

242-tone RU 7025 MHz

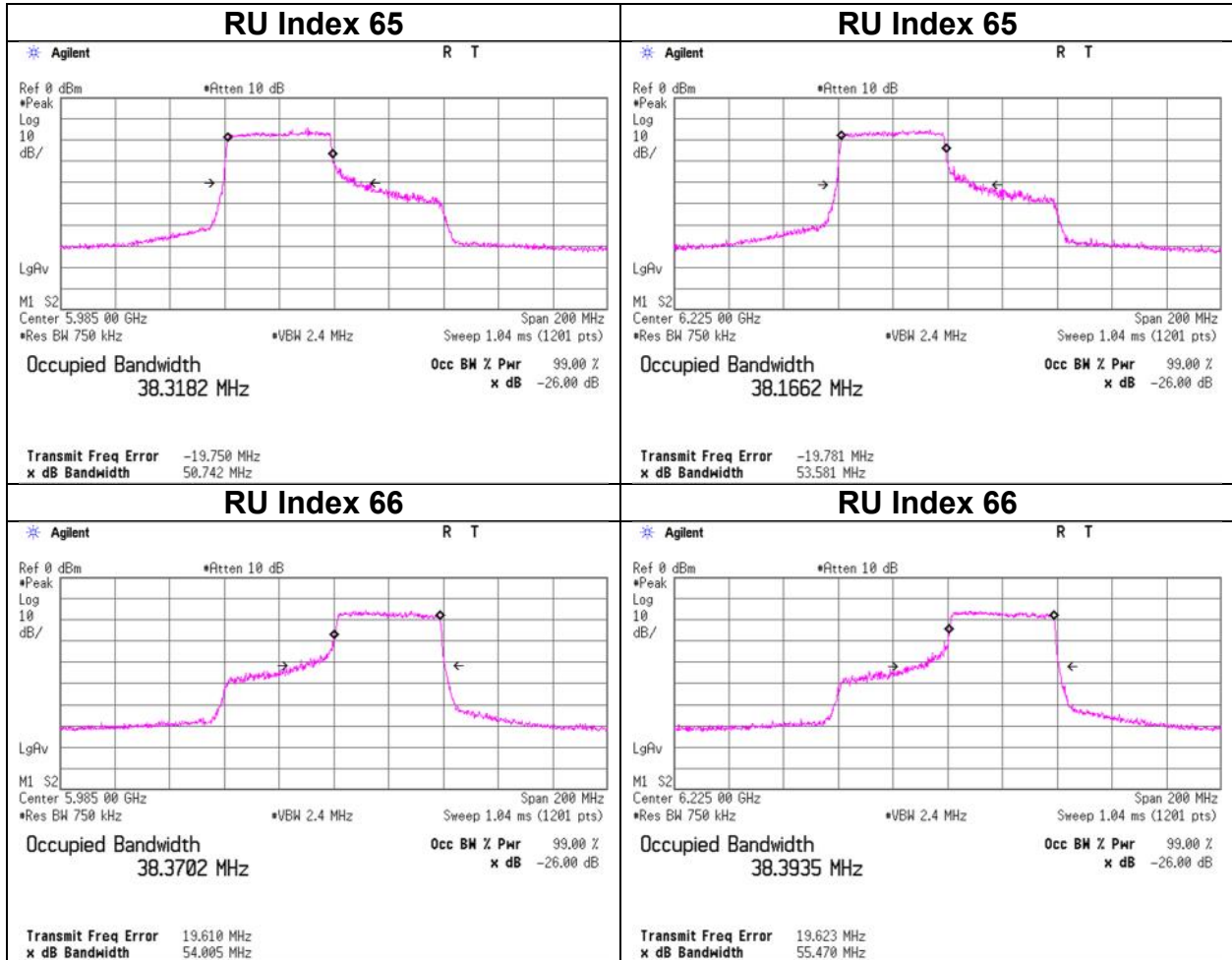


99 % Occupied Bandwidth

11ax-80 (OFDMA)

484-tone RU 5985 MHz

484-tone RU 6225 MHz

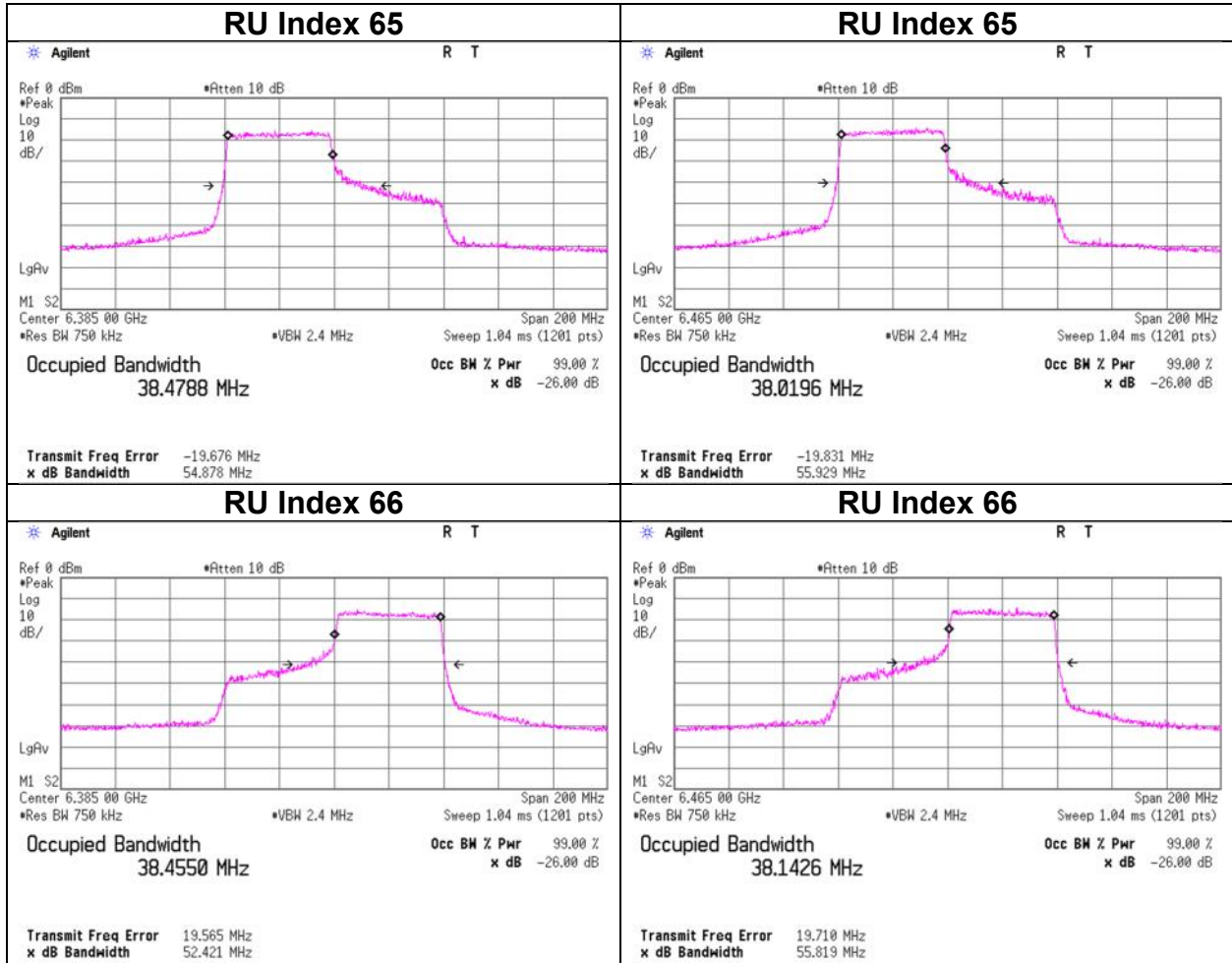


99 % Occupied Bandwidth

11ax-80 (OFDMA)

484-tone RU 6385 MHz

484-tone RU 6465 MHz

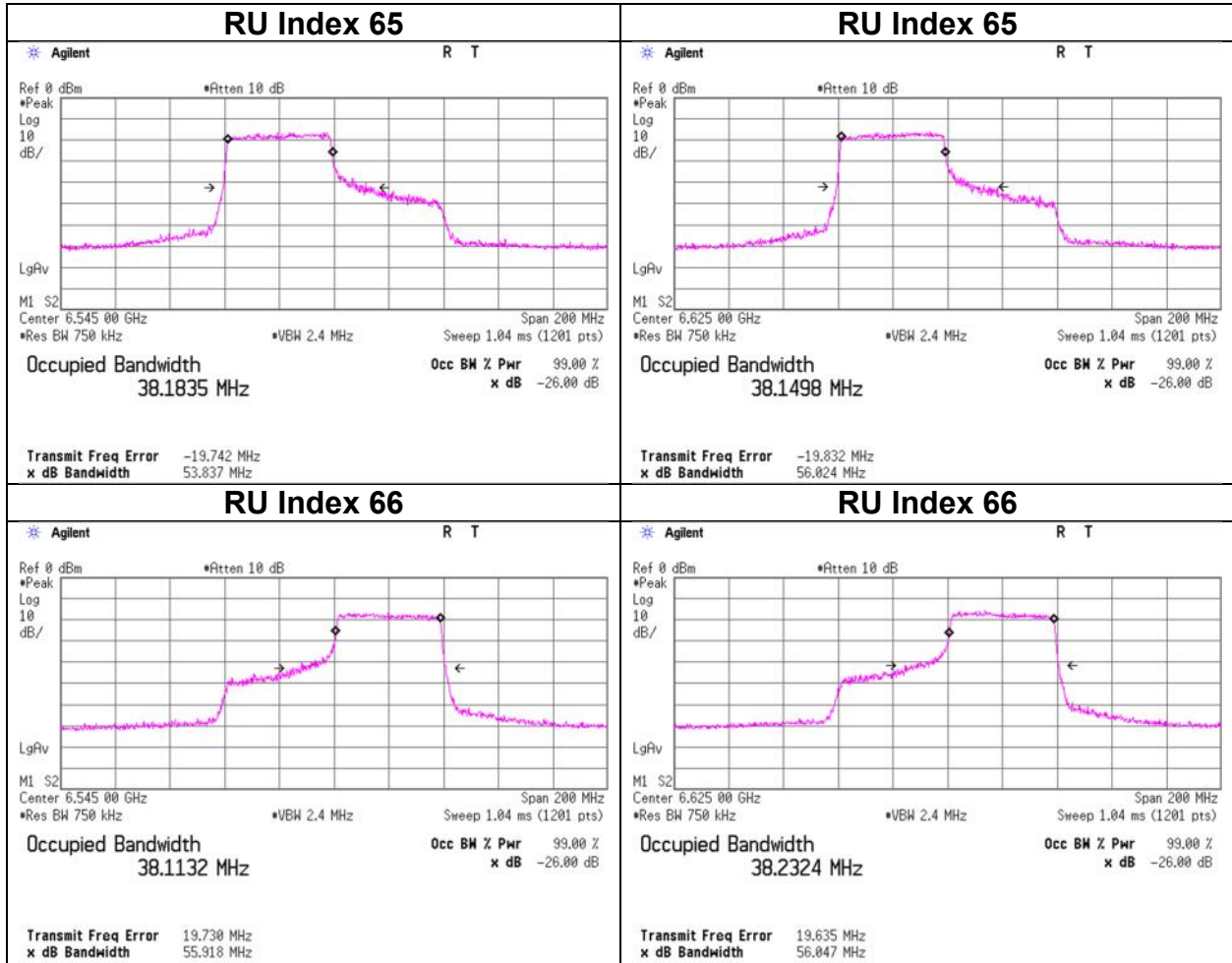


99 % Occupied Bandwidth

11ax-80 (OFDMA)

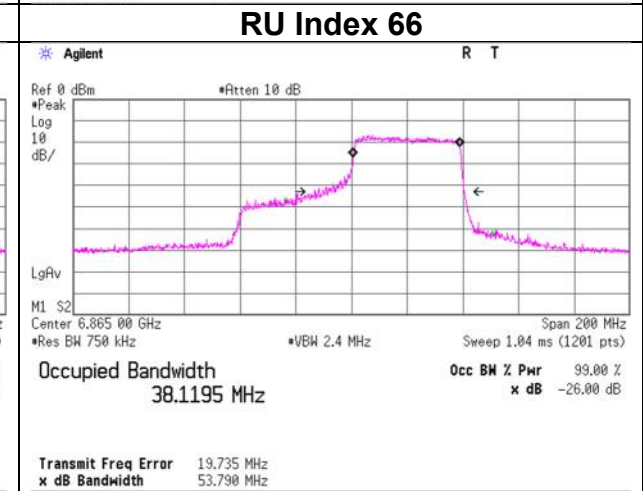
484-tone RU 6545 MHz

484-tone RU 6625 MHz



11ax-80 (OFDMA)

484-tone RU 6865 MHz

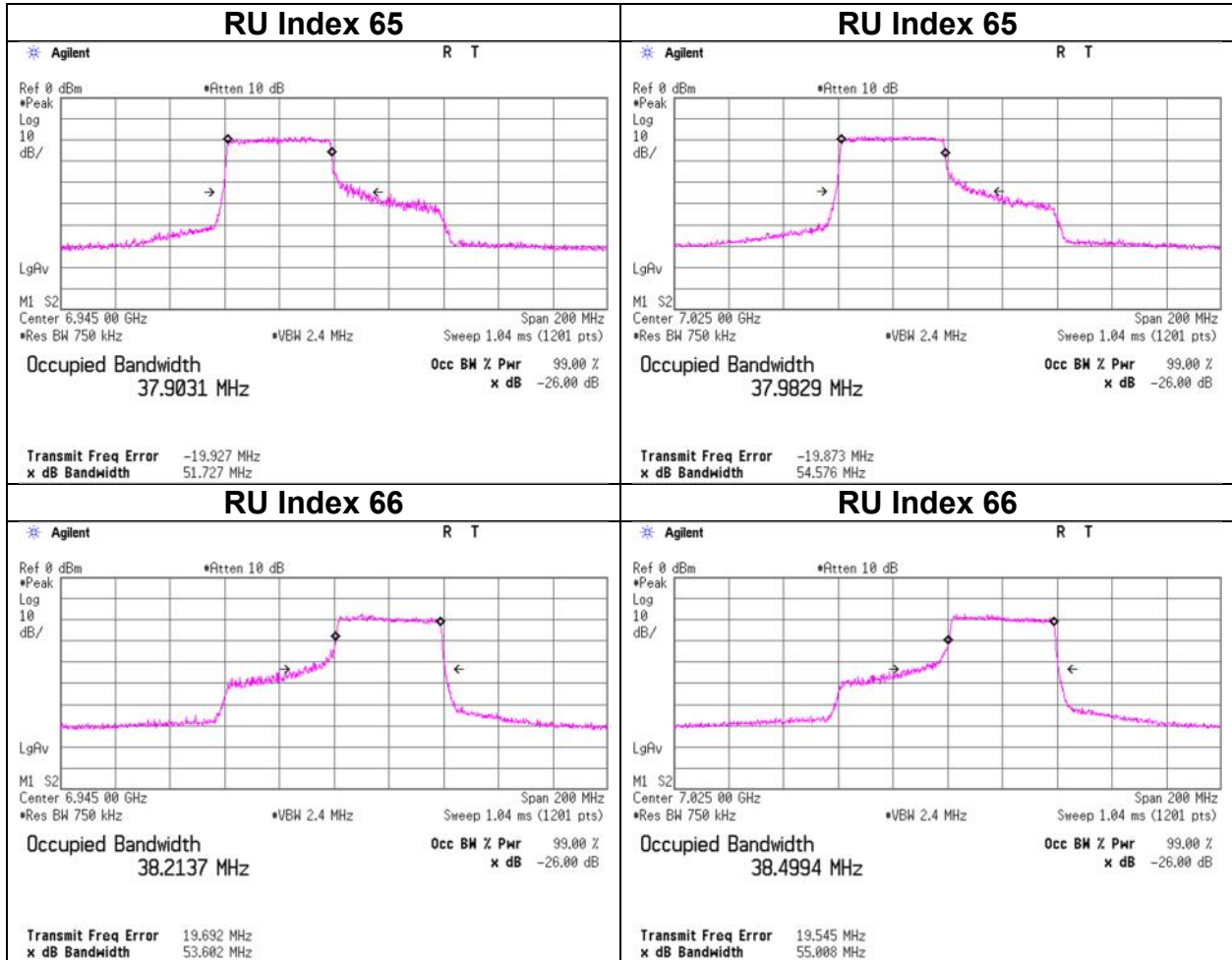


99 % Occupied Bandwidth

11ax-80 (OFDMA)

484-tone RU 6945 MHz

484-tone RU 7025 MHz

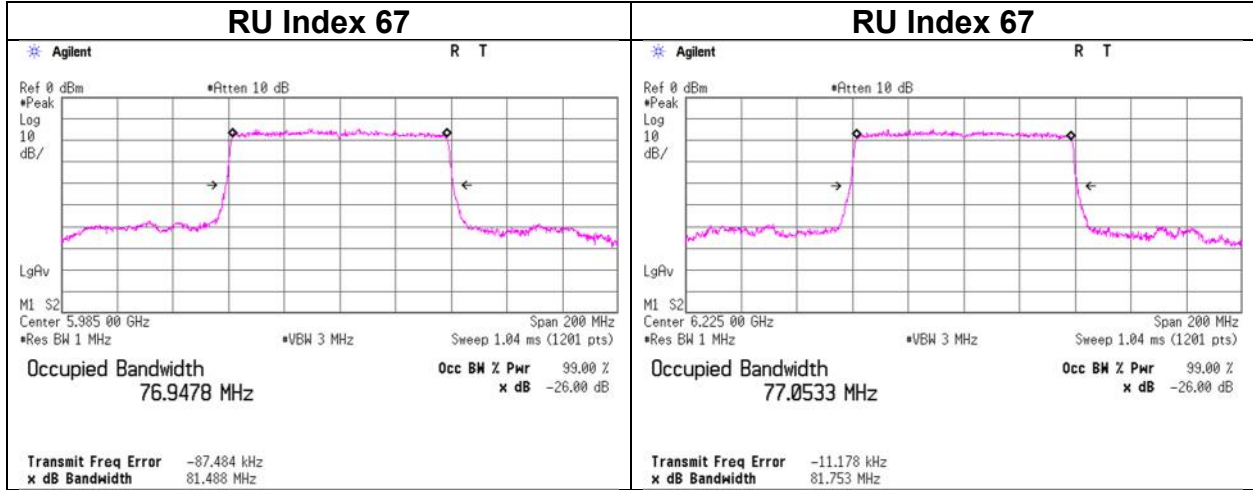


99 % Occupied Bandwidth

11ax-80 (OFDMA)

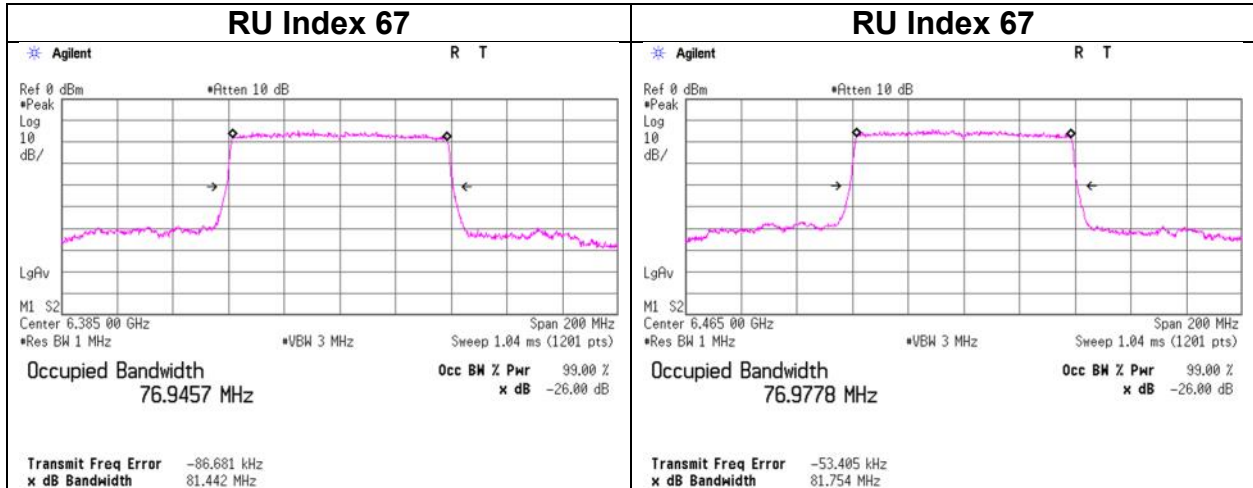
996-tone RU 5985 MHz

996-tone RU 6225 MHz



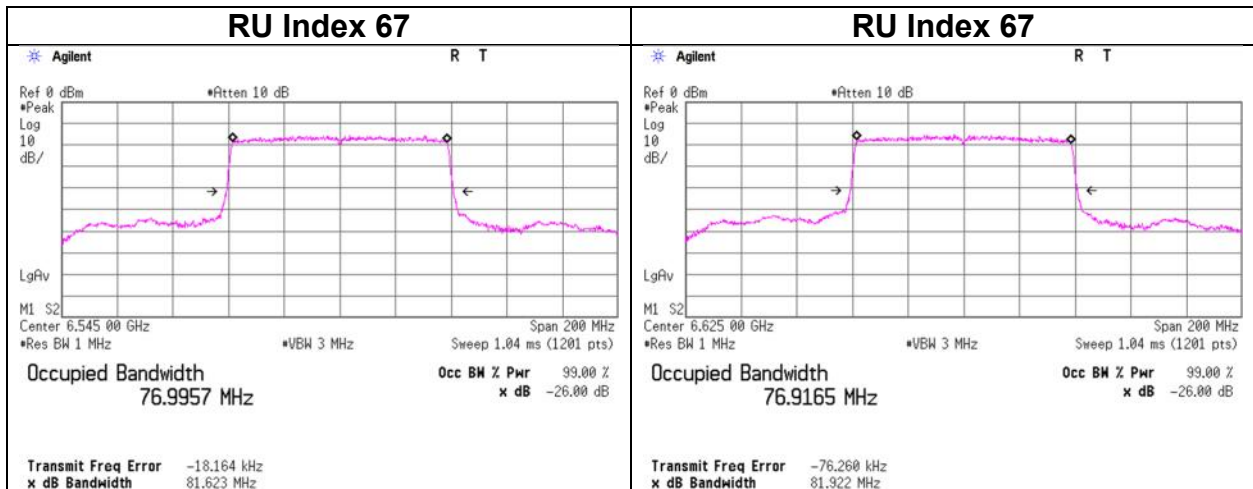
996-tone RU 6385 MHz

996-tone RU 6465 MHz



996-tone RU 6545 MHz

996-tone RU 6625 MHz

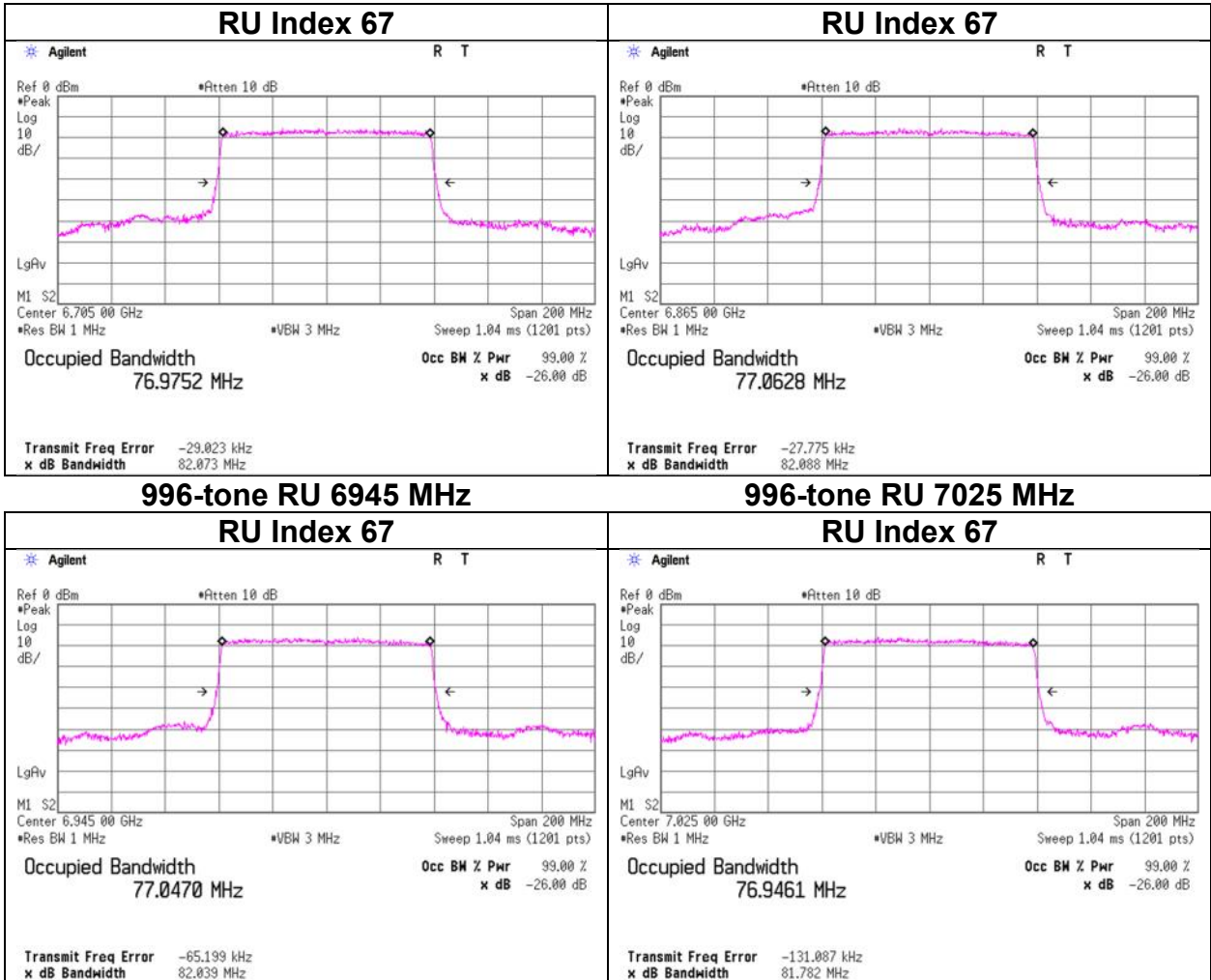


99 % Occupied Bandwidth

11ax-80 (OFDMA)

996-tone RU 6705 MHz

996-tone RU 6865 MHz



Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 8, 2024
Temperature / Humidity 23 deg. C / 38 % RH
Engineer Yusuke Tanikawara
Mode Tx 11a

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
	ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5955	0.70	0.81	1.51	1.80	-	-	1.02	1.17	2.19	3.41	24.00	20.59
6195	0.79	0.84	1.63	2.12	-	-	1.15	1.21	2.36	3.73	24.00	20.27
6415	0.72	0.87	1.60	2.04	-	-	1.05	1.27	2.32	3.65	24.00	20.35
6435	0.70	1.15	1.85	2.67	-	-	1.02	1.66	2.68	4.28	24.00	19.72
6475	0.72	1.18	1.89	2.77	-	-	1.04	1.70	2.74	4.38	24.00	19.62
6515	0.82	1.20	2.03	3.07	-	-	1.19	1.74	2.94	4.68	24.00	19.32
6535	0.99	1.18	2.16	3.35	-	-	1.13	1.35	2.48	3.95	24.00	20.05
6695	0.88	1.15	2.04	3.09	-	-	1.02	1.32	2.34	3.69	24.00	20.31
6855	0.80	1.00	1.81	2.57	-	-	0.92	1.15	2.07	3.17	24.00	20.83
6875	0.79	0.96	1.74	2.42	-	-	0.90	1.10	2.00	3.02	24.00	20.98
6895	1.22	1.20	2.42	3.85	-	-	1.40	1.38	2.78	4.45	24.00	19.55
6995	1.10	1.10	2.21	3.44	-	-	1.27	1.27	2.54	4.04	24.00	19.96
7095	1.01	0.87	1.88	2.74	-	-	1.15	1.00	2.16	3.34	24.00	20.66

ANT0							ANT1						
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result	
						Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5955	0.00	-14.77	3.27	9.98	1.61	-1.52	0.09	-14.31	3.29	10.10	1.61	-0.92	0.69
6195	0.00	-14.33	3.33	9.98	1.61	-1.02	0.59	-14.23	3.35	10.10	1.61	-0.78	0.83
6415	0.00	-14.78	3.39	9.99	1.61	-1.40	0.21	-14.10	3.41	10.11	1.61	-0.58	1.03
6435	0.00	-14.91	3.40	9.99	1.61	-1.52	0.09	-12.94	3.42	10.11	1.61	0.59	2.20
6475	0.00	-14.85	3.41	9.99	1.61	-1.45	0.16	-12.84	3.43	10.11	1.61	0.70	2.31
6515	0.00	-14.25	3.42	9.99	1.61	-0.84	0.77	-12.75	3.44	10.11	1.61	0.80	2.41
6535	0.00	-13.47	3.42	9.99	0.60	-0.06	0.54	-12.85	3.44	10.11	0.60	0.70	1.30
6695	0.00	-13.99	3.47	9.99	0.60	-0.53	0.07	-12.99	3.49	10.12	0.60	0.62	1.22
6855	0.00	-14.45	3.51	9.99	0.60	-0.95	-0.35	-13.64	3.53	10.12	0.60	0.01	0.61
6875	0.00	-14.56	3.52	9.99	0.60	-1.05	-0.45	-13.84	3.54	10.12	0.60	-0.18	0.42
6895	0.00	-12.65	3.52	9.99	0.60	0.86	1.46	-12.85	3.54	10.12	0.60	0.81	1.41
6995	0.00	-13.11	3.55	9.99	0.60	0.43	1.03	-13.26	3.57	10.12	0.60	0.43	1.03
7095	0.00	-13.55	3.58	9.99	0.60	0.02	0.62	-14.31	3.60	10.12	0.60	-0.59	0.01

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 10, 2023
Temperature / Humidity 27 deg. C / 40 % RH 26 deg. C / 48 % RH
Engineer Kouki Yamada Miku Ikudome
Mode Tx 11ax-20 (OFDM) (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	1.89	2.22	4.10	6.13	-	-	2.74	3.21	5.95	7.74	24.00	16.26
6195	2.09	2.27	4.36	6.39	-	-	3.02	3.29	6.31	8.00	24.00	16.00
6415	1.79	2.65	4.44	6.47	-	-	2.59	3.84	6.43	8.08	24.00	15.92
6435	2.10	2.84	4.94	6.94	-	-	3.04	4.11	7.16	8.55	24.00	15.45
6475	1.72	3.19	4.90	6.90	-	-	2.49	4.61	7.10	8.51	24.00	15.49
6515	2.21	2.77	4.97	6.97	-	-	3.20	4.01	7.21	8.58	24.00	15.42
6535	2.91	3.47	6.38	8.05	-	-	3.34	3.98	7.32	8.65	24.00	15.35
6695	3.09	3.35	6.44	8.09	-	-	3.55	3.85	7.40	8.69	24.00	15.31
6855	2.47	2.88	5.35	7.28	-	-	2.84	3.30	6.14	7.88	24.00	16.12
6875	2.40	3.51	5.91	7.71	-	-	2.75	4.03	6.78	8.31	24.00	15.69
6895	4.02	3.32	7.34	8.65	-	-	4.61	3.81	8.42	9.25	24.00	14.75
6995	3.53	3.30	6.83	8.34	-	-	4.05	3.79	7.84	8.94	24.00	15.06
7095	3.41	3.48	6.89	8.38	-	-	3.91	4.00	7.91	8.98	24.00	15.02

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5955	0.00	-10.49	3.27	9.98	1.61	2.76	4.37	-9.93	3.29	10.10	1.61	3.46	5.07
6195	0.00	-10.12	3.33	9.98	1.61	3.19	4.80	-9.89	3.35	10.10	1.61	3.56	5.17
6415	0.00	-10.85	3.39	9.99	1.61	2.53	4.14	-9.29	3.41	10.11	1.61	4.23	5.84
6435	0.00	-10.16	3.40	9.99	1.61	3.23	4.84	-9.00	3.42	10.11	1.61	4.53	6.14
6475	0.00	-11.05	3.41	9.99	1.61	2.35	3.96	-8.51	3.43	10.11	1.61	5.03	6.64
6515	0.00	-9.97	3.42	9.99	1.61	3.44	5.05	-9.13	3.44	10.11	1.61	4.42	6.03
6535	0.00	-8.77	3.42	9.99	0.60	4.64	5.24	-8.15	3.44	10.11	0.60	5.40	6.00
6695	0.00	-8.56	3.47	9.99	0.60	4.90	5.50	-8.35	3.49	10.12	0.60	5.26	5.86
6855	0.00	-9.57	3.51	9.99	0.60	3.93	4.53	-9.06	3.53	10.12	0.60	4.59	5.19
6875	0.00	-9.71	3.52	9.99	0.60	3.80	4.40	-8.21	3.54	10.12	0.60	5.45	6.05
6895	0.00	-7.47	3.52	9.99	0.60	6.04	6.64	-8.45	3.54	10.12	0.60	5.21	5.81
6995	0.00	-8.07	3.55	9.99	0.60	5.47	6.07	-8.50	3.57	10.12	0.60	5.19	5.79
7095	0.00	-8.25	3.58	9.99	0.60	5.32	5.92	-8.30	3.60	10.12	0.60	5.42	6.02

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

* The Duty Factor is 0 dB, 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 8, 2024
Temperature / Humidity 23 deg. C / 38 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-20 (OFDM) (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	0.95	1.17	2.12	3.26	-	-	1.37	1.69	3.07	4.87	24.00	19.13
6195	0.98	1.09	2.07	3.15	-	-	1.41	1.58	2.99	4.76	24.00	19.24
6415	0.99	1.14	2.13	3.27	-	-	1.43	1.65	3.08	4.88	24.00	19.12
6435	0.88	1.66	2.54	4.05	-	-	1.28	2.40	3.68	5.66	24.00	18.34
6475	0.96	1.60	2.56	4.09	-	-	1.39	2.32	3.72	5.70	24.00	18.30
6515	1.09	1.64	2.73	4.36	-	-	1.58	2.38	3.95	5.97	24.00	18.03
6535	1.51	1.69	3.20	5.05	-	-	1.74	1.94	3.67	5.65	24.00	18.35
6695	1.21	1.65	2.86	4.57	-	-	1.39	1.90	3.29	5.17	24.00	18.83
6855	1.04	1.30	2.34	3.70	-	-	1.19	1.50	2.69	4.30	24.00	19.70
6875	1.03	1.40	2.43	3.85	-	-	1.18	1.61	2.79	4.45	24.00	19.55
6895	1.71	1.46	3.16	5.00	-	-	1.96	1.67	3.63	5.60	24.00	18.40
6995	1.39	1.42	2.80	4.48	-	-	1.59	1.63	3.22	5.08	24.00	18.92
7095	1.30	1.27	2.57	4.10	-	-	1.49	1.46	2.95	4.70	24.00	19.30

		ANT0							ANT1						
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result			
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.		
						[dBm]	[dBm]					[dBm]	[dBm]		
5955	0.00	-13.48	3.27	9.98	1.61	-0.23	1.38	-12.71	3.29	10.10	1.61	0.68	2.29		
6195	0.00	-13.42	3.33	9.98	1.61	-0.11	1.50	-13.08	3.35	10.10	1.61	0.37	1.98		
6415	0.00	-13.44	3.39	9.99	1.61	-0.06	1.55	-12.95	3.41	10.11	1.61	0.57	2.18		
6435	0.00	-13.92	3.40	9.99	1.61	-0.53	1.08	-11.34	3.42	10.11	1.61	2.19	3.80		
6475	0.00	-13.57	3.41	9.99	1.61	-0.17	1.44	-11.49	3.43	10.11	1.61	2.05	3.66		
6515	0.00	-13.04	3.42	9.99	1.61	0.37	1.98	-11.40	3.44	10.11	1.61	2.15	3.76		
6535	0.00	-11.61	3.42	9.99	0.60	1.80	2.40	-11.28	3.44	10.11	0.60	2.27	2.87		
6695	0.00	-12.64	3.47	9.99	0.60	0.82	1.42	-11.42	3.49	10.12	0.60	2.19	2.79		
6855	0.00	-13.33	3.51	9.99	0.60	0.17	0.77	-12.50	3.53	10.12	0.60	1.15	1.75		
6875	0.00	-13.40	3.52	9.99	0.60	0.11	0.71	-12.19	3.54	10.12	0.60	1.47	2.07		
6895	0.00	-11.19	3.52	9.99	0.60	2.32	2.92	-12.03	3.54	10.12	0.60	1.63	2.23		
6995	0.00	-12.12	3.55	9.99	0.60	1.42	2.02	-12.18	3.57	10.12	0.60	1.51	2.11		
7095	0.00	-12.45	3.58	9.99	0.60	1.12	1.72	-12.67	3.60	10.12	0.60	1.05	1.65		

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 6, 2023
Temperature / Humidity 23 deg. C / 41 % RH
Engineer Akihiro Oda
Mode Tx 11ax-20 (OFDMA) 26-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]				
5955	0	0.22	0.23	0.45	-3.49	-	-		0.31	0.33	0.65	-1.88	24.00	25.88	
	4	0.24	0.26	0.50	-3.02	-	-		0.35	0.37	0.72	-1.41	24.00	25.41	
	8	0.23	0.24	0.48	-3.22	-	-		0.34	0.35	0.69	-1.61	24.00	25.61	
6195	0	0.23	0.24	0.47	-3.27	-	-		0.33	0.35	0.68	-1.66	24.00	25.66	
	4	0.23	0.25	0.48	-3.23	-	-		0.33	0.36	0.69	-1.62	24.00	25.62	
	8	0.23	0.24	0.47	-3.29	-	-		0.33	0.35	0.68	-1.68	24.00	25.68	
6415	0	0.22	0.28	0.50	-3.01	-	-		0.32	0.40	0.72	-1.40	24.00	25.40	
	4	0.22	0.27	0.49	-3.12	-	-		0.32	0.39	0.71	-1.51	24.00	25.51	
	8	0.22	0.27	0.49	-3.08	-	-		0.32	0.39	0.71	-1.47	24.00	25.47	
6435	0	0.19	0.25	0.44	-3.60	-	-		0.27	0.36	0.63	-1.99	24.00	25.99	
	4	0.23	0.35	0.58	-2.37	-	-		0.34	0.50	0.84	-0.76	24.00	24.76	
	8	0.23	0.33	0.55	-2.58	-	-		0.33	0.47	0.80	-0.97	24.00	24.97	
6475	0	0.21	0.33	0.54	-2.69	-	-		0.30	0.48	0.78	-1.08	24.00	25.08	
	4	0.22	0.33	0.55	-2.59	-	-		0.33	0.47	0.80	-0.98	24.00	24.98	
	8	0.21	0.33	0.54	-2.70	-	-		0.30	0.48	0.78	-1.09	24.00	25.09	
6515	0	0.25	0.32	0.57	-2.43	-	-		0.36	0.46	0.83	-0.82	24.00	24.82	
	4	0.27	0.35	0.61	-2.12	-	-		0.38	0.50	0.89	-0.51	24.00	24.51	
	8	0.25	0.31	0.55	-2.56	-	-		0.36	0.44	0.80	-0.95	24.00	24.95	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0							ANT1						
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	
5955	0	0.00	-9.90	3.27	0.00	1.61	-6.63	-5.02		-9.66	3.29	0.00	1.61	-6.37	-4.76	
	4	0.00	-9.42	3.27	0.00	1.61	-6.15	-4.54		-9.20	3.29	0.00	1.61	-5.91	-4.30	
	8	0.00	-9.59	3.27	0.00	1.61	-6.32	-4.71		-9.44	3.29	0.00	1.61	-6.15	-4.54	
6195	0	0.00	-9.73	3.33	0.00	1.61	-6.40	-4.79		-9.51	3.35	0.00	1.61	-6.16	-4.55	
	4	0.00	-9.74	3.33	0.00	1.61	-6.41	-4.80		-9.42	3.35	0.00	1.61	-6.07	-4.46	
	8	0.00	-9.77	3.33	0.00	1.61	-6.44	-4.83		-9.52	3.35	0.00	1.61	-6.17	-4.56	
6415	0	0.00	-9.89	3.39	0.00	1.61	-6.50	-4.89		-9.00	3.41	0.00	1.61	-5.59	-3.98	
	4	0.00	-9.94	3.39	0.00	1.61	-6.55	-4.94		-9.16	3.41	0.00	1.61	-5.75	-4.14	
	8	0.00	-9.93	3.39	0.00	1.61	-6.54	-4.93		-9.10	3.41	0.00	1.61	-5.69	-4.08	
6435	0	0.00	-10.69	3.40	0.00	1.61	-7.29	-5.68		-9.44	3.42	0.00	1.61	-6.02	-4.41	
	4	0.00	-9.74	3.40	0.00	1.61	-6.34	-4.73		-8.02	3.42	0.00	1.61	-4.60	-2.99	
	8	0.00	-9.86	3.40	0.00	1.61	-6.46	-4.85		-8.28	3.42	0.00	1.61	-4.86	-3.25	
6475	0	0.00	-10.21	3.41	0.00	1.61	-6.80	-5.19		-8.25	3.43	0.00	1.61	-4.82	-3.21	
	4	0.00	-9.90	3.41	0.00	1.61	-6.49	-4.88		-8.29	3.43	0.00	1.61	-4.86	-3.25	
	8	0.00	-10.28	3.41	0.00	1.61	-6.87	-5.26		-8.22	3.43	0.00	1.61	-4.79	-3.18	
6515	0	0.00	-9.43	3.42	0.00	1.61	-6.01	-4.40		-8.38	3.44	0.00	1.61	-4.94	-3.33	
	4	0.00	-9.18	3.42	0.00	1.61	-5.76	-4.15		-8.02	3.44	0.00	1.61	-4.58	-2.97	
	8	0.00	-9.46	3.42	0.00	1.61	-6.04	-4.43		-8.59	3.44	0.00	1.61	-5.15	-3.54	

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

* The Duty Factor is 0 dB, 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 October 6, 2023
Temperature / Humidity 23 deg. C / 41 % RH
Engineer Akihiro Oda
Mode Tx 11ax-20 (OFDMA) 26-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6535	0	0.29	0.36	0.65	-1.89	-	-	0.33	0.41	0.74	-1.29	24.00	25.29
	4	0.32	0.31	0.63	-2.03	-	-	0.37	0.35	0.72	-1.43	24.00	25.43
	8	0.32	0.37	0.69	-1.60	-	-	0.37	0.43	0.79	-1.00	24.00	25.00
6695	0	0.25	0.35	0.60	-2.25	-	-	0.29	0.40	0.68	-1.65	24.00	25.65
	4	0.27	0.36	0.63	-2.00	-	-	0.31	0.42	0.73	-1.40	24.00	25.40
	8	0.26	0.37	0.63	-2.02	-	-	0.30	0.42	0.72	-1.42	24.00	25.42
6855	0	0.24	0.27	0.51	-2.90	-	-	0.28	0.31	0.59	-2.30	24.00	26.30
	4	0.28	0.30	0.58	-2.35	-	-	0.32	0.35	0.67	-1.75	24.00	25.75
	8	0.22	0.29	0.51	-2.89	-	-	0.25	0.33	0.59	-2.29	24.00	26.29
6875	0	0.23	0.33	0.55	-2.56	-	-	0.26	0.37	0.64	-1.96	24.00	25.96
	4	0.23	0.32	0.55	-2.57	-	-	0.27	0.37	0.64	-1.97	24.00	25.97
	8	0.22	0.30	0.52	-2.84	-	-	0.25	0.34	0.60	-2.24	24.00	26.24
6895	0	0.38	0.33	0.71	-1.48	-	-	0.44	0.38	0.82	-0.88	24.00	24.88
	4	0.38	0.33	0.71	-1.51	-	-	0.44	0.37	0.81	-0.91	24.00	24.91
	8	0.34	0.36	0.70	-1.52	-	-	0.40	0.41	0.81	-0.92	24.00	24.92
6995	0	0.27	0.29	0.56	-2.51	-	-	0.31	0.33	0.64	-1.91	24.00	25.91
	4	0.33	0.29	0.61	-2.12	-	-	0.38	0.33	0.70	-1.52	24.00	25.52
	8	0.28	0.32	0.60	-2.24	-	-	0.32	0.37	0.69	-1.64	24.00	25.64
7095	0	0.28	0.26	0.54	-2.68	-	-	0.32	0.30	0.62	-2.08	24.00	26.08
	4	0.30	0.29	0.59	-2.29	-	-	0.35	0.33	0.68	-1.69	24.00	25.69
	8	0.26	0.25	0.51	-2.90	-	-	0.30	0.29	0.59	-2.30	24.00	26.30

ANT0							ANT1							
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
							[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
6535	0	0.00	-8.78	3.42	0.00	0.60	-5.36	-4.76	-7.92	3.44	0.00	0.60	-4.48	-3.88
	4	0.00	-8.39	3.42	0.00	0.60	-4.97	-4.37	-8.55	3.44	0.00	0.60	-5.11	-4.51
	8	0.00	-8.39	3.42	0.00	0.60	-4.97	-4.37	-7.72	3.44	0.00	0.60	-4.28	-3.68
6695	0	0.00	-9.49	3.47	0.00	0.60	-6.02	-5.42	-8.10	3.49	0.00	0.60	-4.61	-4.01
	4	0.00	-9.18	3.47	0.00	0.60	-5.71	-5.11	-7.89	3.49	0.00	0.60	-4.40	-3.80
	8	0.00	-9.35	3.47	0.00	0.60	-5.88	-5.28	-7.81	3.49	0.00	0.60	-4.32	-3.72
6855	0	0.00	-9.67	3.51	0.00	0.60	-6.16	-5.56	-9.20	3.53	0.00	0.60	-5.67	-5.07
	4	0.00	-9.06	3.51	0.00	0.60	-5.55	-4.95	-8.70	3.53	0.00	0.60	-5.17	-4.57
	8	0.00	-10.05	3.51	0.00	0.60	-6.54	-5.94	-8.88	3.53	0.00	0.60	-5.35	-4.75
6875	0	0.00	-9.92	3.52	0.00	0.60	-6.40	-5.80	-8.41	3.54	0.00	0.60	-4.87	-4.27
	4	0.00	-9.83	3.52	0.00	0.60	-6.31	-5.71	-8.49	3.54	0.00	0.60	-4.95	-4.35
	8	0.00	-10.07	3.52	0.00	0.60	-6.55	-5.95	-8.78	3.54	0.00	0.60	-5.24	-4.64
6895	0	0.00	-7.70	3.52	0.00	0.60	-4.18	-3.58	-8.37	3.54	0.00	0.60	-4.83	-4.23
	4	0.00	-7.73	3.52	0.00	0.60	-4.21	-3.61	-8.40	3.54	0.00	0.60	-4.86	-4.26
	8	0.00	-8.15	3.52	0.00	0.60	-4.63	-4.03	-7.98	3.54	0.00	0.60	-4.44	-3.84
6995	0	0.00	-9.19	3.55	0.00	0.60	-5.64	-5.04	-8.98	3.57	0.00	0.60	-5.41	-4.81
	4	0.00	-8.38	3.55	0.00	0.60	-4.83	-4.23	-9.02	3.57	0.00	0.60	-5.45	-4.85
	8	0.00	-9.15	3.55	0.00	0.60	-5.60	-5.00	-8.49	3.57	0.00	0.60	-4.92	-4.32
7095	0	0.00	-9.14	3.58	0.00	0.60	-5.56	-4.96	-9.42	3.60	0.00	0.60	-5.82	-5.22
	4	0.00	-8.79	3.58	0.00	0.60	-5.21	-4.61	-9.00	3.60	0.00	0.60	-5.40	-4.80
	8	0.00	-9.39	3.58	0.00	0.60	-5.81	-5.21	-9.62	3.60	0.00	0.60	-6.02	-5.42

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

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 25 deg. C / 37 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 26-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	
5955	0	0.13	0.18	0.31	-5.09	-	-		0.19	0.26	0.45	-3.48	24.00	27.48	
	4	0.14	0.14	0.28	-5.56	-	-		0.20	0.21	0.40	-3.95	24.00	27.95	
	8	0.12	0.13	0.26	-5.93	-	-		0.18	0.19	0.37	-4.32	24.00	28.32	
6195	0	0.13	0.12	0.26	-5.89	-	-		0.19	0.18	0.37	-4.28	24.00	28.28	
	4	0.13	0.13	0.27	-5.76	-	-		0.19	0.19	0.38	-4.15	24.00	28.15	
	8	0.12	0.12	0.24	-6.23	-	-		0.18	0.17	0.35	-4.62	24.00	28.62	
6415	0	0.11	0.12	0.22	-6.54	-	-		0.15	0.17	0.32	-4.93	24.00	28.93	
	4	0.13	0.15	0.28	-5.55	-	-		0.19	0.21	0.40	-3.94	24.00	27.94	
	8	0.10	0.13	0.23	-6.38	-	-		0.14	0.19	0.33	-4.77	24.00	28.77	
6435	0	0.12	0.18	0.29	-5.36	-	-		0.17	0.26	0.42	-3.75	24.00	27.75	
	4	0.12	0.19	0.31	-5.09	-	-		0.18	0.27	0.45	-3.48	24.00	27.48	
	8	0.11	0.17	0.29	-5.42	-	-		0.16	0.25	0.42	-3.81	24.00	27.81	
6475	0	0.12	0.18	0.29	-5.33	-	-		0.17	0.26	0.42	-3.72	24.00	27.72	
	4	0.12	0.19	0.30	-5.17	-	-		0.17	0.27	0.44	-3.56	24.00	27.56	
	8	0.11	0.17	0.28	-5.50	-	-		0.16	0.25	0.41	-3.89	24.00	27.89	
6515	0	0.13	0.16	0.29	-5.34	-	-		0.19	0.23	0.42	-3.73	24.00	27.73	
	4	0.14	0.16	0.30	-5.24	-	-		0.20	0.23	0.43	-3.63	24.00	27.63	
	8	0.13	0.17	0.29	-5.31	-	-		0.18	0.24	0.43	-3.70	24.00	27.70	

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
5955	0	0.00	-12.06	3.27	0.00	1.61	-8.79	-7.18	-10.80	3.29	0.00	1.61	-7.51	-5.90	
	4	0.00	-11.94	3.27	0.00	1.61	-8.67	-7.06	-11.77	3.29	0.00	1.61	-8.48	-6.87	
	8	0.00	-12.36	3.27	0.00	1.61	-9.09	-7.48	-12.09	3.29	0.00	1.61	-8.80	-7.19	
6195	0	0.00	-12.08	3.33	0.00	1.61	-8.75	-7.14	-12.41	3.35	0.00	1.61	-9.06	-7.45	
	4	0.00	-12.10	3.33	0.00	1.61	-8.77	-7.16	-12.13	3.35	0.00	1.61	-8.78	-7.17	
	8	0.00	-12.43	3.33	0.00	1.61	-9.10	-7.49	-12.73	3.35	0.00	1.61	-9.38	-7.77	
6415	0	0.00	-13.13	3.39	0.00	1.61	-9.74	-8.13	-12.78	3.41	0.00	1.61	-9.37	-7.76	
	4	0.00	-12.23	3.39	0.00	1.61	-8.84	-7.23	-11.71	3.41	0.00	1.61	-8.30	-6.69	
	8	0.00	-13.51	3.39	0.00	1.61	-10.12	-8.51	-12.17	3.41	0.00	1.61	-8.76	-7.15	
6435	0	0.00	-12.79	3.40	0.00	1.61	-9.39	-7.78	-10.96	3.42	0.00	1.61	-7.54	-5.93	
	4	0.00	-12.47	3.40	0.00	1.61	-9.07	-7.46	-10.73	3.42	0.00	1.61	-7.31	-5.70	
	8	0.00	-12.84	3.40	0.00	1.61	-9.44	-7.83	-11.03	3.42	0.00	1.61	-7.61	-6.00	
6475	0	0.00	-12.79	3.41	0.00	1.61	-9.38	-7.77	-10.93	3.43	0.00	1.61	-7.50	-5.89	
	4	0.00	-12.77	3.41	0.00	1.61	-9.36	-7.75	-10.69	3.43	0.00	1.61	-7.26	-5.65	
	8	0.00	-13.03	3.41	0.00	1.61	-9.62	-8.01	-11.05	3.43	0.00	1.61	-7.62	-6.01	
6515	0	0.00	-12.17	3.42	0.00	1.61	-8.75	-7.14	-11.42	3.44	0.00	1.61	-7.98	-6.37	
	4	0.00	-12.03	3.42	0.00	1.61	-8.61	-7.00	-11.35	3.44	0.00	1.61	-7.91	-6.30	
	8	0.00	-12.43	3.42	0.00	1.61	-9.01	-7.40	-11.17	3.44	0.00	1.61	-7.73	-6.12	

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 25 deg. C / 37 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 26-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6535	0	0.17	0.18	0.34	-4.62	-	-	0.19	0.20	0.40	-4.02	24.00	28.02
	4	0.15	0.18	0.33	-4.85	-	-	0.17	0.20	0.38	-4.25	24.00	28.25
	8	0.15	0.17	0.32	-4.97	-	-	0.17	0.20	0.37	-4.37	24.00	28.37
6695	0	0.14	0.17	0.31	-5.03	-	-	0.16	0.20	0.36	-4.43	24.00	28.43
	4	0.15	0.17	0.32	-4.89	-	-	0.17	0.20	0.37	-4.29	24.00	28.29
	8	0.14	0.17	0.31	-5.06	-	-	0.16	0.20	0.36	-4.46	24.00	28.46
6855	0	0.12	0.14	0.26	-5.90	-	-	0.14	0.16	0.30	-5.30	24.00	29.30
	4	0.13	0.15	0.27	-5.63	-	-	0.15	0.17	0.31	-5.03	24.00	29.03
	8	0.13	0.14	0.27	-5.75	-	-	0.15	0.16	0.31	-5.15	24.00	29.15
6875	0	0.12	0.14	0.26	-5.80	-	-	0.14	0.16	0.30	-5.20	24.00	29.20
	4	0.13	0.14	0.27	-5.62	-	-	0.15	0.17	0.31	-5.02	24.00	29.02
	8	0.12	0.13	0.26	-5.90	-	-	0.14	0.15	0.29	-5.30	24.00	29.30
6895	0	0.16	0.17	0.33	-4.80	-	-	0.19	0.19	0.38	-4.20	24.00	28.20
	4	0.17	0.17	0.34	-4.68	-	-	0.19	0.20	0.39	-4.08	24.00	28.08
	8	0.15	0.16	0.32	-5.01	-	-	0.18	0.19	0.36	-4.41	24.00	28.41
6995	0	0.15	0.16	0.31	-5.06	-	-	0.18	0.18	0.36	-4.46	24.00	28.46
	4	0.16	0.16	0.33	-4.86	-	-	0.19	0.19	0.37	-4.26	24.00	28.26
	8	0.14	0.15	0.29	-5.42	-	-	0.16	0.17	0.33	-4.82	24.00	28.82
7095	0	0.13	0.13	0.26	-5.83	-	-	0.15	0.15	0.30	-5.23	24.00	29.23
	4	0.15	0.14	0.29	-5.33	-	-	0.17	0.16	0.34	-4.73	24.00	28.73
	8	0.15	0.13	0.28	-5.59	-	-	0.17	0.15	0.32	-4.99	24.00	28.99

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			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]
6535	0	0.00	-11.18	3.42	0.00	0.60	-7.76	-7.16	-10.95	3.44	0.00	0.60	-7.51	-6.91
	4	0.00	-11.66	3.42	0.00	0.60	-8.24	-7.64	-10.96	3.44	0.00	0.60	-7.52	-6.92
	8	0.00	-11.71	3.42	0.00	0.60	-8.29	-7.69	-11.13	3.44	0.00	0.60	-7.69	-7.09
6695	0	0.00	-11.95	3.47	0.00	0.60	-8.48	-7.88	-11.13	3.49	0.00	0.60	-7.64	-7.04
	4	0.00	-11.70	3.47	0.00	0.60	-8.23	-7.63	-11.09	3.49	0.00	0.60	-7.60	-7.00
	8	0.00	-12.01	3.47	0.00	0.60	-8.54	-7.94	-11.14	3.49	0.00	0.60	-7.65	-7.05
6855	0	0.00	-12.78	3.51	0.00	0.60	-9.27	-8.67	-12.10	3.53	0.00	0.60	-8.57	-7.97
	4	0.00	-12.44	3.51	0.00	0.60	-8.93	-8.33	-11.89	3.53	0.00	0.60	-8.36	-7.76
	8	0.00	-12.47	3.51	0.00	0.60	-8.96	-8.36	-12.09	3.53	0.00	0.60	-8.56	-7.96
6875	0	0.00	-12.56	3.52	0.00	0.60	-9.04	-8.44	-12.14	3.54	0.00	0.60	-8.60	-8.00
	4	0.00	-12.39	3.52	0.00	0.60	-8.87	-8.27	-11.94	3.54	0.00	0.60	-8.40	-7.80
	8	0.00	-12.59	3.52	0.00	0.60	-9.07	-8.47	-12.30	3.54	0.00	0.60	-8.76	-8.16
6895	0	0.00	-11.43	3.52	0.00	0.60	-7.91	-7.31	-11.25	3.54	0.00	0.60	-7.71	-7.11
	4	0.00	-11.33	3.52	0.00	0.60	-7.81	-7.21	-11.11	3.54	0.00	0.60	-7.57	-6.97
	8	0.00	-11.68	3.52	0.00	0.60	-8.16	-7.56	-11.43	3.54	0.00	0.60	-7.89	-7.29
6995	0	0.00	-11.65	3.55	0.00	0.60	-8.10	-7.50	-11.61	3.57	0.00	0.60	-8.04	-7.44
	4	0.00	-11.47	3.55	0.00	0.60	-7.92	-7.32	-11.40	3.57	0.00	0.60	-7.83	-7.23
	8	0.00	-12.06	3.55	0.00	0.60	-8.51	-7.91	-11.93	3.57	0.00	0.60	-8.36	-7.76
7095	0	0.00	-12.54	3.58	0.00	0.60	-8.96	-8.36	-12.33	3.60	0.00	0.60	-8.73	-8.13
	4	0.00	-11.83	3.58	0.00	0.60	-8.25	-7.65	-12.04	3.60	0.00	0.60	-8.44	-7.84
	8	0.00	-11.95	3.58	0.00	0.60	-8.37	-7.77	-12.45	3.60	0.00	0.60	-8.85	-8.25

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 6, 2023
Temperature / Humidity 23 deg. C / 41 % RH
Engineer Akihiro Oda
Mode Tx 11ax-20 (OFDMA) 52-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5955	37	0.52	0.50	1.02	0.07	-	-	0.75	0.73	1.47	1.68	24.00	22.32
	38	0.49	0.47	0.97	-0.15	-	-	0.71	0.69	1.40	1.46	24.00	22.54
	40	0.46	0.49	0.95	-0.23	-	-	0.66	0.71	1.38	1.38	24.00	22.62
6195	37	0.51	0.50	1.01	0.06	-	-	0.74	0.73	1.47	1.67	24.00	22.33
	38	0.54	0.53	1.08	0.33	-	-	0.79	0.77	1.56	1.94	24.00	22.06
	40	0.53	0.51	1.03	0.14	-	-	0.76	0.73	1.49	1.75	24.00	22.25
6415	37	0.43	0.48	0.91	-0.40	-	-	0.63	0.69	1.32	1.21	24.00	22.79
	38	0.47	0.52	0.99	-0.02	-	-	0.68	0.76	1.44	1.59	24.00	22.41
	40	0.47	0.50	0.96	-0.17	-	-	0.68	0.72	1.39	1.44	24.00	22.56
6435	37	0.47	0.62	1.09	0.36	-	-	0.68	0.90	1.57	1.97	24.00	22.03
	38	0.46	0.71	1.18	0.72	-	-	0.67	1.04	1.71	2.33	24.00	21.67
	40	0.47	0.70	1.17	0.68	-	-	0.68	1.01	1.69	2.29	24.00	21.71
6475	37	0.47	0.67	1.14	0.58	-	-	0.69	0.97	1.66	2.19	24.00	21.81
	38	0.56	0.63	1.19	0.76	-	-	0.81	0.91	1.73	2.37	24.00	21.63
	40	0.51	0.69	1.20	0.78	-	-	0.73	1.00	1.73	2.39	24.00	21.61
6515	37	0.50	0.65	1.15	0.59	-	-	0.72	0.94	1.66	2.20	24.00	21.80
	38	0.54	0.61	1.15	0.61	-	-	0.78	0.89	1.67	2.22	24.00	21.78
	40	0.45	0.67	1.13	0.52	-	-	0.66	0.97	1.63	2.13	24.00	21.87

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
5955	37	0.00	-6.15	3.27	0.00	1.61	-2.88	-1.27	-6.29	3.29	0.00	1.61	-3.00	-1.39
	38	0.00	-6.34	3.27	0.00	1.61	-3.07	-1.46	-6.54	3.29	0.00	1.61	-3.25	-1.64
	40	0.00	-6.67	3.27	0.00	1.61	-3.40	-1.79	-6.37	3.29	0.00	1.61	-3.08	-1.47
6195	37	0.00	-6.27	3.33	0.00	1.61	-2.94	-1.33	-6.32	3.35	0.00	1.61	-2.97	-1.36
	38	0.00	-5.97	3.33	0.00	1.61	-2.64	-1.03	-6.08	3.35	0.00	1.61	-2.73	-1.12
	40	0.00	-6.12	3.33	0.00	1.61	-2.79	-1.18	-6.31	3.35	0.00	1.61	-2.96	-1.35
6415	37	0.00	-7.03	3.39	0.00	1.61	-3.64	-2.03	-6.61	3.41	0.00	1.61	-3.20	-1.59
	38	0.00	-6.65	3.39	0.00	1.61	-3.26	-1.65	-6.23	3.41	0.00	1.61	-2.82	-1.21
	40	0.00	-6.70	3.39	0.00	1.61	-3.31	-1.70	-6.46	3.41	0.00	1.61	-3.05	-1.44
6435	37	0.00	-6.69	3.40	0.00	1.61	-3.29	-1.68	-5.51	3.42	0.00	1.61	-2.09	-0.48
	38	0.00	-6.73	3.40	0.00	1.61	-3.33	-1.72	-4.88	3.42	0.00	1.61	-1.46	0.15
	40	0.00	-6.66	3.40	0.00	1.61	-3.26	-1.65	-4.99	3.42	0.00	1.61	-1.57	0.04
6475	37	0.00	-6.66	3.41	0.00	1.61	-3.25	-1.64	-5.17	3.43	0.00	1.61	-1.74	-0.13
	38	0.00	-5.92	3.41	0.00	1.61	-2.51	-0.90	-5.43	3.43	0.00	1.61	-2.00	-0.39
	40	0.00	-6.37	3.41	0.00	1.61	-2.96	-1.35	-5.04	3.43	0.00	1.61	-1.61	0.00
6515	37	0.00	-6.46	3.42	0.00	1.61	-3.04	-1.43	-5.31	3.44	0.00	1.61	-1.87	-0.26
	38	0.00	-6.10	3.42	0.00	1.61	-2.68	-1.07	-5.58	3.44	0.00	1.61	-2.14	-0.53
	40	0.00	-6.85	3.42	0.00	1.61	-3.43	-1.82	-5.16	3.44	0.00	1.61	-1.72	-0.11

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

* The Duty Factor is 0 dB, 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 October 6, 2023
Temperature / Humidity 23 deg. C / 41 % RH
Engineer Akihiro Oda
Mode Tx 11ax-20 (OFDMA) 52-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6535	37	0.53	0.64	1.17	0.68	-	-	0.61	0.73	1.34	1.28	24.00	22.72
	38	0.61	0.66	1.27	1.04	-	-	0.70	0.76	1.46	1.64	24.00	22.36
	40	0.56	0.68	1.24	0.94	-	-	0.65	0.78	1.43	1.54	24.00	22.46
6695	37	0.50	0.60	1.10	0.42	-	-	0.57	0.69	1.27	1.02	24.00	22.98
	38	0.59	0.71	1.30	1.15	-	-	0.68	0.82	1.50	1.75	24.00	22.25
	40	0.57	0.68	1.25	0.96	-	-	0.65	0.78	1.43	1.56	24.00	22.44
6855	37	0.47	0.59	1.06	0.25	-	-	0.53	0.68	1.22	0.85	24.00	23.15
	38	0.48	0.60	1.08	0.33	-	-	0.55	0.69	1.24	0.93	24.00	23.07
	40	0.49	0.56	1.05	0.21	-	-	0.56	0.65	1.20	0.81	24.00	23.19
6875	37	0.46	0.57	1.04	0.15	-	-	0.53	0.66	1.19	0.75	24.00	23.25
	38	0.45	0.62	1.07	0.28	-	-	0.52	0.71	1.22	0.88	24.00	23.12
	40	0.43	0.60	1.04	0.15	-	-	0.50	0.69	1.19	0.75	24.00	23.25
6895	37	0.66	0.57	1.23	0.91	-	-	0.76	0.66	1.41	1.51	24.00	22.49
	38	0.77	0.67	1.45	1.60	-	-	0.89	0.77	1.66	2.20	24.00	21.80
	40	0.66	0.58	1.23	0.90	-	-	0.75	0.66	1.41	1.50	24.00	22.50
6995	37	0.56	0.57	1.13	0.54	-	-	0.65	0.65	1.30	1.14	24.00	22.86
	38	0.65	0.64	1.28	1.08	-	-	0.74	0.73	1.47	1.68	24.00	22.32
	40	0.54	0.57	1.11	0.47	-	-	0.62	0.65	1.28	1.07	24.00	22.93
7095	37	0.55	0.54	1.09	0.38	-	-	0.63	0.62	1.25	0.98	24.00	23.02
	38	0.59	0.57	1.16	0.64	-	-	0.68	0.65	1.33	1.24	24.00	22.76
	40	0.53	0.52	1.06	0.24	-	-	0.61	0.60	1.21	0.84	24.00	23.16

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
							[dBm]	[dBm]					[dBm]	[dBm]
6535	37	0.00	-6.15	3.42	0.00	0.60	-2.73	-2.13	-5.40	3.44	0.00	0.60	-1.96	-1.36
	38	0.00	-5.57	3.42	0.00	0.60	-2.15	-1.55	-5.23	3.44	0.00	0.60	-1.79	-1.19
	40	0.00	-5.91	3.42	0.00	0.60	-2.49	-1.89	-5.13	3.44	0.00	0.60	-1.69	-1.09
6695	37	0.00	-6.48	3.47	0.00	0.60	-3.01	-2.41	-5.69	3.49	0.00	0.60	-2.20	-1.60
	38	0.00	-5.74	3.47	0.00	0.60	-2.27	-1.67	-4.97	3.49	0.00	0.60	-1.48	-0.88
	40	0.00	-5.91	3.47	0.00	0.60	-2.44	-1.84	-5.19	3.49	0.00	0.60	-1.70	-1.10
6855	37	0.00	-6.83	3.51	0.00	0.60	-3.32	-2.72	-5.79	3.53	0.00	0.60	-2.26	-1.66
	38	0.00	-6.73	3.51	0.00	0.60	-3.22	-2.62	-5.73	3.53	0.00	0.60	-2.20	-1.60
	40	0.00	-6.64	3.51	0.00	0.60	-3.13	-2.53	-6.03	3.53	0.00	0.60	-2.50	-1.90
6875	37	0.00	-6.88	3.52	0.00	0.60	-3.36	-2.76	-5.95	3.54	0.00	0.60	-2.41	-1.81
	38	0.00	-7.00	3.52	0.00	0.60	-3.48	-2.88	-5.63	3.54	0.00	0.60	-2.09	-1.49
	40	0.00	-7.14	3.52	0.00	0.60	-3.62	-3.02	-5.75	3.54	0.00	0.60	-2.21	-1.61
6895	37	0.00	-5.34	3.52	0.00	0.60	-1.82	-1.22	-5.95	3.54	0.00	0.60	-2.41	-1.81
	38	0.00	-4.65	3.52	0.00	0.60	-1.13	-0.53	-5.25	3.54	0.00	0.60	-1.71	-1.11
	40	0.00	-5.35	3.52	0.00	0.60	-1.83	-1.23	-5.94	3.54	0.00	0.60	-2.40	-1.80
6995	37	0.00	-6.04	3.55	0.00	0.60	-2.49	-1.89	-6.03	3.57	0.00	0.60	-2.46	-1.86
	38	0.00	-5.45	3.55	0.00	0.60	-1.90	-1.30	-5.54	3.57	0.00	0.60	-1.97	-1.37
	40	0.00	-6.20	3.55	0.00	0.60	-2.65	-2.05	-6.01	3.57	0.00	0.60	-2.44	-1.84
7095	37	0.00	-6.17	3.58	0.00	0.60	-2.59	-1.99	-6.28	3.60	0.00	0.60	-2.68	-2.08
	38	0.00	-5.85	3.58	0.00	0.60	-2.27	-1.67	-6.07	3.60	0.00	0.60	-2.47	-1.87
	40	0.00	-6.30	3.58	0.00	0.60	-2.72	-2.12	-6.43	3.60	0.00	0.60	-2.83	-2.23

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 22 deg. C / 35 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-20 (OFDMA) 52-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		ANT0 [mW]	ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	37	0.25	0.24	0.48	-3.16	-	-	0.36	0.34	0.70	-1.55	24.00	25.55
	38	0.26	0.27	0.52	-2.83	-	-	0.37	0.39	0.76	-1.22	24.00	25.22
	40	0.25	0.23	0.48	-3.19	-	-	0.36	0.34	0.70	-1.58	24.00	25.58
6195	37	0.24	0.24	0.48	-3.18	-	-	0.35	0.35	0.70	-1.57	24.00	25.57
	38	0.25	0.24	0.49	-3.10	-	-	0.37	0.34	0.71	-1.49	24.00	25.49
	40	0.23	0.23	0.46	-3.40	-	-	0.33	0.33	0.66	-1.79	24.00	25.79
6415	37	0.23	0.26	0.49	-3.10	-	-	0.33	0.38	0.71	-1.49	24.00	25.49
	38	0.23	0.26	0.49	-3.06	-	-	0.33	0.38	0.72	-1.45	24.00	25.45
	40	0.22	0.26	0.48	-3.22	-	-	0.32	0.37	0.69	-1.61	24.00	25.61
6435	37	0.23	0.33	0.56	-2.51	-	-	0.34	0.48	0.81	-0.90	24.00	24.90
	38	0.24	0.35	0.59	-2.33	-	-	0.35	0.50	0.85	-0.72	24.00	24.72
	40	0.24	0.33	0.57	-2.44	-	-	0.34	0.48	0.83	-0.83	24.00	24.83
6475	37	0.23	0.34	0.57	-2.47	-	-	0.33	0.49	0.82	-0.86	24.00	24.86
	38	0.22	0.34	0.56	-2.50	-	-	0.32	0.49	0.82	-0.89	24.00	24.89
	40	0.23	0.31	0.54	-2.68	-	-	0.33	0.45	0.78	-1.07	24.00	25.07
6515	37	0.25	0.32	0.57	-2.45	-	-	0.37	0.46	0.82	-0.84	24.00	24.84
	38	0.26	0.34	0.60	-2.20	-	-	0.38	0.49	0.87	-0.59	24.00	24.59
	40	0.25	0.32	0.57	-2.47	-	-	0.36	0.46	0.82	-0.86	24.00	24.86

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5955	37	0.00	-9.37	3.27	0.00	1.61	-6.10	-4.49	0.00	-9.54	3.29	0.00	1.61	-6.25	-4.64
	38	0.00	-9.20	3.27	0.00	1.61	-5.93	-4.32	0.00	-9.04	3.29	0.00	1.61	-5.75	-4.14
	40	0.00	-9.35	3.27	0.00	1.61	-6.08	-4.47	0.00	-9.61	3.29	0.00	1.61	-6.32	-4.71
6195	37	0.00	-9.52	3.33	0.00	1.61	-6.19	-4.58	0.00	-9.55	3.35	0.00	1.61	-6.20	-4.59
	38	0.00	-9.30	3.33	0.00	1.61	-5.97	-4.36	0.00	-9.60	3.35	0.00	1.61	-6.25	-4.64
	40	0.00	-9.79	3.33	0.00	1.61	-6.46	-4.85	0.00	-9.72	3.35	0.00	1.61	-6.37	-4.76
6415	37	0.00	-9.77	3.39	0.00	1.61	-6.38	-4.77	0.00	-9.27	3.41	0.00	1.61	-5.86	-4.25
	38	0.00	-9.76	3.39	0.00	1.61	-6.37	-4.76	0.00	-9.20	3.41	0.00	1.61	-5.79	-4.18
	40	0.00	-9.96	3.39	0.00	1.61	-6.57	-4.96	0.00	-9.33	3.41	0.00	1.61	-5.92	-4.31
6435	37	0.00	-9.75	3.40	0.00	1.61	-6.35	-4.74	0.00	-8.24	3.42	0.00	1.61	-4.82	-3.21
	38	0.00	-9.60	3.40	0.00	1.61	-6.20	-4.59	0.00	-8.04	3.42	0.00	1.61	-4.62	-3.01
	40	0.00	-9.68	3.40	0.00	1.61	-6.28	-4.67	0.00	-8.18	3.42	0.00	1.61	-4.76	-3.15
6475	37	0.00	-9.83	3.41	0.00	1.61	-6.42	-4.81	0.00	-8.13	3.43	0.00	1.61	-4.70	-3.09
	38	0.00	-9.94	3.41	0.00	1.61	-6.53	-4.92	0.00	-8.11	3.43	0.00	1.61	-4.68	-3.07
	40	0.00	-9.86	3.41	0.00	1.61	-6.45	-4.84	0.00	-8.47	3.43	0.00	1.61	-5.04	-3.43
6515	37	0.00	-9.40	3.42	0.00	1.61	-5.98	-4.37	0.00	-8.43	3.44	0.00	1.61	-4.99	-3.38
	38	0.00	-9.20	3.42	0.00	1.61	-5.78	-4.17	0.00	-8.14	3.44	0.00	1.61	-4.70	-3.09
	40	0.00	-9.44	3.42	0.00	1.61	-6.02	-4.41	0.00	-8.44	3.44	0.00	1.61	-5.00	-3.39

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 22 deg. C / 35 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-20 (OFDMA) 52-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6535	37	0.28	0.31	0.59	-2.27	-	-	0.32	0.36	0.68	-1.67	24.00	25.67
	38	0.28	0.33	0.60	-2.19	-	-	0.32	0.37	0.69	-1.59	24.00	25.59
	40	0.27	0.31	0.58	-2.36	-	-	0.31	0.36	0.67	-1.76	24.00	25.76
6695	37	0.28	0.31	0.59	-2.32	-	-	0.32	0.36	0.67	-1.72	24.00	25.72
	38	0.26	0.33	0.59	-2.30	-	-	0.30	0.38	0.68	-1.70	24.00	25.70
	40	0.26	0.32	0.58	-2.37	-	-	0.29	0.37	0.67	-1.77	24.00	25.77
6855	37	0.23	0.29	0.52	-2.85	-	-	0.26	0.33	0.60	-2.25	24.00	26.25
	38	0.23	0.31	0.54	-2.67	-	-	0.27	0.35	0.62	-2.07	24.00	26.07
	40	0.22	0.28	0.50	-2.97	-	-	0.26	0.32	0.58	-2.37	24.00	26.37
6875	37	0.22	0.28	0.50	-2.99	-	-	0.25	0.33	0.58	-2.39	24.00	26.39
	38	0.23	0.30	0.52	-2.82	-	-	0.26	0.34	0.60	-2.22	24.00	26.22
	40	0.21	0.29	0.50	-2.99	-	-	0.24	0.33	0.58	-2.39	24.00	26.39
6895	37	0.36	0.31	0.67	-1.76	-	-	0.41	0.36	0.77	-1.16	24.00	25.16
	38	0.34	0.31	0.66	-1.84	-	-	0.39	0.36	0.75	-1.24	24.00	25.24
	40	0.31	0.30	0.61	-2.13	-	-	0.36	0.35	0.70	-1.53	24.00	25.53
6995	37	0.31	0.30	0.61	-2.14	-	-	0.35	0.35	0.70	-1.54	24.00	25.54
	38	0.33	0.31	0.64	-1.93	-	-	0.38	0.36	0.74	-1.33	24.00	25.33
	40	0.29	0.29	0.58	-2.35	-	-	0.33	0.33	0.67	-1.75	24.00	25.75
7095	37	0.27	0.26	0.53	-2.76	-	-	0.31	0.30	0.61	-2.16	24.00	26.16
	38	0.28	0.26	0.54	-2.67	-	-	0.32	0.30	0.62	-2.07	24.00	26.07
	40	0.26	0.25	0.52	-2.88	-	-	0.30	0.29	0.59	-2.28	24.00	26.28

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result	
			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]
6535	37	0.00	-8.94	3.42	0.00	0.60	-5.52	-4.92	-8.49	3.44	0.00	0.60	-5.05	-4.45
	38	0.00	-8.97	3.42	0.00	0.60	-5.55	-4.95	-8.32	3.44	0.00	0.60	-4.88	-4.28
	40	0.00	-9.10	3.42	0.00	0.60	-5.68	-5.08	-8.53	3.44	0.00	0.60	-5.09	-4.49
6695	37	0.00	-9.07	3.47	0.00	0.60	-5.60	-5.00	-8.57	3.49	0.00	0.60	-5.08	-4.48
	38	0.00	-9.30	3.47	0.00	0.60	-5.83	-5.23	-8.33	3.49	0.00	0.60	-4.84	-4.24
	40	0.00	-9.38	3.47	0.00	0.60	-5.91	-5.31	-8.39	3.49	0.00	0.60	-4.90	-4.30
6855	37	0.00	-9.91	3.51	0.00	0.60	-6.40	-5.80	-8.91	3.53	0.00	0.60	-5.38	-4.78
	38	0.00	-9.81	3.51	0.00	0.60	-6.30	-5.70	-8.66	3.53	0.00	0.60	-5.13	-4.53
	40	0.00	-10.03	3.51	0.00	0.60	-6.52	-5.92	-9.03	3.53	0.00	0.60	-5.50	-4.90
6875	37	0.00	-10.11	3.52	0.00	0.60	-6.59	-5.99	-9.02	3.54	0.00	0.60	-5.48	-4.88
	38	0.00	-9.95	3.52	0.00	0.60	-6.43	-5.83	-8.84	3.54	0.00	0.60	-5.30	-4.70
	40	0.00	-10.23	3.52	0.00	0.60	-6.71	-6.11	-8.93	3.54	0.00	0.60	-5.39	-4.79
6895	37	0.00	-8.01	3.52	0.00	0.60	-4.49	-3.89	-8.60	3.54	0.00	0.60	-5.06	-4.46
	38	0.00	-8.20	3.52	0.00	0.60	-4.68	-4.08	-8.56	3.54	0.00	0.60	-5.02	-4.42
	40	0.00	-8.61	3.52	0.00	0.60	-5.09	-4.49	-8.73	3.54	0.00	0.60	-5.19	-4.59
6995	37	0.00	-8.65	3.55	0.00	0.60	-5.10	-4.50	-8.78	3.57	0.00	0.60	-5.21	-4.61
	38	0.00	-8.35	3.55	0.00	0.60	-4.80	-4.20	-8.65	3.57	0.00	0.60	-5.08	-4.48
	40	0.00	-8.91	3.55	0.00	0.60	-5.36	-4.76	-8.93	3.57	0.00	0.60	-5.36	-4.76
7095	37	0.00	-9.23	3.58	0.00	0.60	-5.65	-5.05	-9.50	3.60	0.00	0.60	-5.90	-5.30
	38	0.00	-9.14	3.58	0.00	0.60	-5.56	-4.96	-9.41	3.60	0.00	0.60	-5.81	-5.21
	40	0.00	-9.37	3.58	0.00	0.60	-5.79	-5.19	-9.59	3.60	0.00	0.60	-5.99	-5.39

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 6, 2023
Temperature / Humidity 23 deg. C / 41 % RH
Engineer Akihiro Oda
Mode Tx 11ax-20 (OFDMA) 106-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	53	0.90	1.00	1.91	2.81	-	-	1.31	1.46	2.76	4.42	24.00	19.58
	54	0.94	0.92	1.86	2.69	-	-	1.36	1.33	2.69	4.30	24.00	19.70
6195	53	0.86	0.99	1.85	2.67	-	-	1.25	1.43	2.68	4.28	24.00	19.72
	54	1.05	1.12	2.18	3.38	-	-	1.53	1.63	3.15	4.99	24.00	19.01
6415	53	0.84	1.00	1.84	2.65	-	-	1.22	1.45	2.67	4.26	24.00	19.74
	54	0.88	1.04	1.92	2.83	-	-	1.27	1.51	2.78	4.44	24.00	19.56
6435	53	0.93	1.29	2.22	3.46	-	-	1.35	1.87	3.22	5.07	24.00	18.93
	54	0.95	1.34	2.29	3.60	-	-	1.38	1.94	3.32	5.21	24.00	18.79
6475	53	0.88	1.21	2.09	3.19	-	-	1.28	1.75	3.02	4.80	24.00	19.20
	54	0.88	1.38	2.26	3.55	-	-	1.27	2.00	3.28	5.16	24.00	18.84
6515	53	0.90	1.24	2.14	3.30	-	-	1.30	1.80	3.10	4.91	24.00	19.09
	54	1.03	1.29	2.32	3.65	-	-	1.49	1.87	3.36	5.26	24.00	18.74

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5955	53	0.00	-3.71	3.27	0.00	1.61	-0.44	1.17	-3.27	3.29	0.00	1.61	0.02	1.63
	54	0.00	-3.55	3.27	0.00	1.61	-0.28	1.33	-3.65	3.29	0.00	1.61	-0.36	1.25
6195	53	0.00	-3.98	3.33	0.00	1.61	-0.65	0.96	-3.41	3.35	0.00	1.61	-0.06	1.55
	54	0.00	-3.10	3.33	0.00	1.61	0.23	1.84	-2.85	3.35	0.00	1.61	0.50	2.11
6415	53	0.00	-4.14	3.39	0.00	1.61	-0.75	0.86	-3.41	3.41	0.00	1.61	0.00	1.61
	54	0.00	-3.95	3.39	0.00	1.61	-0.56	1.05	-3.24	3.41	0.00	1.61	0.17	1.78
6435	53	0.00	-3.71	3.40	0.00	1.61	-0.31	1.30	-2.32	3.42	0.00	1.61	1.10	2.71
	54	0.00	-3.62	3.40	0.00	1.61	-0.22	1.39	-2.15	3.42	0.00	1.61	1.27	2.88
6475	53	0.00	-3.96	3.41	0.00	1.61	-0.55	1.06	-2.62	3.43	0.00	1.61	0.81	2.42
	54	0.00	-3.97	3.41	0.00	1.61	-0.56	1.05	-2.02	3.43	0.00	1.61	1.41	3.02
6515	53	0.00	-3.90	3.42	0.00	1.61	-0.48	1.13	-2.50	3.44	0.00	1.61	0.94	2.55
	54	0.00	-3.29	3.42	0.00	1.61	0.13	1.74	-2.34	3.44	0.00	1.61	1.10	2.71

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 October 6, 2023
Temperature / Humidity 23 deg. C / 41 % RH
Engineer Akihiro Oda
Mode Tx 11ax-20 (OFDMA) 106-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6535	53	1.02	1.31	2.33	3.68	-	-	1.17	1.51	2.68	4.28	24.00	19.72
	54	1.08	1.37	2.46	3.90	-	-	1.24	1.58	2.82	4.50	24.00	19.50
6695	53	0.97	1.22	2.20	3.42	-	-	1.12	1.40	2.52	4.02	24.00	19.98
	54	0.99	1.26	2.25	3.53	-	-	1.14	1.45	2.59	4.13	24.00	19.87
6855	53	0.90	1.13	2.03	3.07	-	-	1.03	1.30	2.33	3.67	24.00	20.33
	54	0.92	1.17	2.09	3.20	-	-	1.05	1.35	2.40	3.80	24.00	20.20
6875	53	0.88	1.10	1.98	2.96	-	-	1.01	1.26	2.27	3.56	24.00	20.44
	54	0.88	1.23	2.11	3.25	-	-	1.01	1.42	2.43	3.85	24.00	20.15
6895	53	1.46	1.23	2.69	4.29	-	-	1.67	1.41	3.08	4.89	24.00	19.11
	54	1.37	1.33	2.70	4.31	-	-	1.57	1.52	3.10	4.91	24.00	19.09
6995	53	1.19	1.09	2.28	3.58	-	-	1.37	1.25	2.62	4.18	24.00	19.82
	54	1.16	1.06	2.23	3.47	-	-	1.33	1.22	2.56	4.07	24.00	19.93
7095	53	1.11	1.13	2.24	3.50	-	-	1.28	1.29	2.57	4.10	24.00	19.90
	54	1.14	1.18	2.31	3.64	-	-	1.30	1.35	2.66	4.24	24.00	19.76

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
6535	53	0.00	-3.33	3.42	0.00	0.60	0.09	0.69	-2.26	3.44	0.00	0.60	1.18	1.78
	54	0.00	-3.08	3.42	0.00	0.60	0.34	0.94	-2.06	3.44	0.00	0.60	1.38	1.98
6695	53	0.00	-3.58	3.47	0.00	0.60	-0.11	0.49	-2.62	3.49	0.00	0.60	0.87	1.47
	54	0.00	-3.52	3.47	0.00	0.60	-0.05	0.55	-2.47	3.49	0.00	0.60	1.02	1.62
6855	53	0.00	-3.98	3.51	0.00	0.60	-0.47	0.13	-3.00	3.53	0.00	0.60	0.53	1.13
	54	0.00	-3.89	3.51	0.00	0.60	-0.38	0.22	-2.84	3.53	0.00	0.60	0.69	1.29
6875	53	0.00	-4.08	3.52	0.00	0.60	-0.56	0.04	-3.13	3.54	0.00	0.60	0.41	1.01
	54	0.00	-4.07	3.52	0.00	0.60	-0.55	0.05	-2.63	3.54	0.00	0.60	0.91	1.51
6895	53	0.00	-1.88	3.52	0.00	0.60	1.64	2.24	-2.65	3.54	0.00	0.60	0.89	1.49
	54	0.00	-2.15	3.52	0.00	0.60	1.37	1.97	-2.31	3.54	0.00	0.60	1.23	1.83
6995	53	0.00	-2.78	3.55	0.00	0.60	0.77	1.37	-3.21	3.57	0.00	0.60	0.36	0.96
	54	0.00	-2.90	3.55	0.00	0.60	0.65	1.25	-3.30	3.57	0.00	0.60	0.27	0.87
7095	53	0.00	-3.12	3.58	0.00	0.60	0.46	1.06	-3.08	3.60	0.00	0.60	0.52	1.12
	54	0.00	-3.03	3.58	0.00	0.60	0.55	1.15	-2.89	3.60	0.00	0.60	0.71	1.31

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

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 22 deg. C / 35 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-20 (OFDMA) 106-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	53	0.48	0.49	0.97	-0.14	-	-	0.70	0.71	1.40	1.47	24.00	22.53
	54	0.47	0.49	0.96	-0.16	-	-	0.69	0.71	1.40	1.45	24.00	22.55
6195	53	0.51	0.53	1.04	0.15	-	-	0.74	0.76	1.50	1.76	24.00	22.24
	54	0.50	0.51	1.01	0.04	-	-	0.72	0.74	1.46	1.65	24.00	22.35
6415	53	0.48	0.53	1.00	0.01	-	-	0.69	0.76	1.45	1.62	24.00	22.38
	54	0.46	0.52	0.98	-0.09	-	-	0.67	0.75	1.42	1.52	24.00	22.48
6435	53	0.44	0.67	1.11	0.45	-	-	0.64	0.96	1.61	2.06	24.00	21.94
	54	0.45	0.66	1.11	0.46	-	-	0.65	0.95	1.61	2.07	24.00	21.93
6475	53	0.46	0.61	1.07	0.29	-	-	0.66	0.89	1.55	1.90	24.00	22.10
	54	0.46	0.61	1.07	0.28	-	-	0.67	0.88	1.54	1.89	24.00	22.11
6515	53	0.51	0.67	1.17	0.70	-	-	0.74	0.96	1.70	2.31	24.00	21.69
	54	0.48	0.65	1.13	0.52	-	-	0.70	0.94	1.63	2.13	24.00	21.87

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5955	53	0.00	-6.45	3.27	0.00	1.61	-3.18	-1.57	-6.41	3.29	0.00	1.61	-3.12	-1.51
	54	0.00	-6.52	3.27	0.00	1.61	-3.25	-1.64	-6.38	3.29	0.00	1.61	-3.09	-1.48
6195	53	0.00	-6.26	3.33	0.00	1.61	-2.93	-1.32	-6.14	3.35	0.00	1.61	-2.79	-1.18
	54	0.00	-6.36	3.33	0.00	1.61	-3.03	-1.42	-6.27	3.35	0.00	1.61	-2.92	-1.31
6415	53	0.00	-6.61	3.39	0.00	1.61	-3.22	-1.61	-6.20	3.41	0.00	1.61	-2.79	-1.18
	54	0.00	-6.75	3.39	0.00	1.61	-3.36	-1.75	-6.26	3.41	0.00	1.61	-2.85	-1.24
6435	53	0.00	-6.93	3.40	0.00	1.61	-3.53	-1.92	-5.19	3.42	0.00	1.61	-1.77	-0.16
	54	0.00	-6.85	3.40	0.00	1.61	-3.45	-1.84	-5.23	3.42	0.00	1.61	-1.81	-0.20
6475	53	0.00	-6.82	3.41	0.00	1.61	-3.41	-1.80	-5.55	3.43	0.00	1.61	-2.12	-0.51
	54	0.00	-6.79	3.41	0.00	1.61	-3.38	-1.77	-5.60	3.43	0.00	1.61	-2.17	-0.56
6515	53	0.00	-6.35	3.42	0.00	1.61	-2.93	-1.32	-5.21	3.44	0.00	1.61	-1.77	-0.16
	54	0.00	-6.59	3.42	0.00	1.61	-3.17	-1.56	-5.34	3.44	0.00	1.61	-1.90	-0.29

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 22 deg. C / 35 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-20 (OFDMA) 106-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna	Antenna	Sum	Result	Limit	Margin		Antenna	Antenna	Sum	Result	Limit	Margin
		ANT0 [mW]	ANT1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]		ANT0 [mW]	ANT1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
6535	53	0.55	0.63	1.18	0.70	-	-		0.63	0.72	1.35	1.30	24.00	22.70
	54	0.55	0.67	1.22	0.86	-	-		0.64	0.76	1.40	1.46	24.00	22.54
6695	53	0.47	0.62	1.09	0.36	-	-		0.54	0.71	1.25	0.96	24.00	23.04
	54	0.47	0.62	1.09	0.38	-	-		0.54	0.72	1.25	0.98	24.00	23.02
6855	53	0.42	0.59	1.01	0.03	-	-		0.48	0.67	1.16	0.63	24.00	23.37
	54	0.42	0.60	1.02	0.11	-	-		0.49	0.69	1.18	0.71	24.00	23.29
6875	53	0.42	0.59	1.00	0.02	-	-		0.48	0.67	1.15	0.62	24.00	23.38
	54	0.43	0.58	1.01	0.03	-	-		0.49	0.67	1.16	0.63	24.00	23.37
6895	53	0.72	0.57	1.30	1.13	-	-		0.83	0.66	1.49	1.73	24.00	22.27
	54	0.71	0.61	1.32	1.19	-	-		0.81	0.70	1.51	1.79	24.00	22.21
6995	53	0.66	0.59	1.25	0.97	-	-		0.76	0.68	1.43	1.57	24.00	22.43
	54	0.63	0.58	1.21	0.83	-	-		0.73	0.66	1.39	1.43	24.00	22.57
7095	53	0.58	0.53	1.11	0.43	-	-		0.66	0.61	1.27	1.03	24.00	22.97
	54	0.54	0.52	1.07	0.28	-	-		0.63	0.60	1.22	0.88	24.00	23.12

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0							ANT1						
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	
6535	53	0.00	-6.05	3.42	0.00	0.60	-2.63	-2.03		-5.45	3.44	0.00	0.60	-2.01	-1.41	
	54	0.00	-5.98	3.42	0.00	0.60	-2.56	-1.96		-5.21	3.44	0.00	0.60	-1.77	-1.17	
6695	53	0.00	-6.73	3.47	0.00	0.60	-3.26	-2.66		-5.60	3.49	0.00	0.60	-2.11	-1.51	
	54	0.00	-6.78	3.47	0.00	0.60	-3.31	-2.71		-5.54	3.49	0.00	0.60	-2.05	-1.45	
6855	53	0.00	-7.26	3.51	0.00	0.60	-3.75	-3.15		-5.85	3.53	0.00	0.60	-2.32	-1.72	
	54	0.00	-7.24	3.51	0.00	0.60	-3.73	-3.13		-5.74	3.53	0.00	0.60	-2.21	-1.61	
6875	53	0.00	-7.31	3.52	0.00	0.60	-3.79	-3.19		-5.86	3.54	0.00	0.60	-2.32	-1.72	
	54	0.00	-7.22	3.52	0.00	0.60	-3.70	-3.10		-5.91	3.54	0.00	0.60	-2.37	-1.77	
6895	53	0.00	-4.92	3.52	0.00	0.60	-1.40	-0.80		-5.97	3.54	0.00	0.60	-2.43	-1.83	
	54	0.00	-5.01	3.52	0.00	0.60	-1.49	-0.89		-5.71	3.54	0.00	0.60	-2.17	-1.57	
6995	53	0.00	-5.37	3.55	0.00	0.60	-1.82	-1.22		-5.85	3.57	0.00	0.60	-2.28	-1.68	
	54	0.00	-5.54	3.55	0.00	0.60	-1.99	-1.39		-5.95	3.57	0.00	0.60	-2.38	-1.78	
7095	53	0.00	-5.96	3.58	0.00	0.60	-2.38	-1.78		-6.38	3.60	0.00	0.60	-2.78	-2.18	
	54	0.00	-6.22	3.58	0.00	0.60	-2.64	-2.04		-6.43	3.60	0.00	0.60	-2.83	-2.23	

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 6, 2023 June 21, 2024
Temperature / Humidity 23 deg. C / 41 % RH 26 deg. C / 42 % RH
Engineer Akihiro Oda Yosuke Murakami
Mode Tx 11ax-20 (OFDMA) 242-tone RU (SDM)

ANT0 + ANT1 242-toneRU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	2.13	2.35	4.48	6.51	-	-	3.08	3.40	6.49	8.12	24.00	15.88
6195	2.11	2.36	4.46	6.50	-	-	3.05	3.41	6.47	8.11	24.00	15.89
6415	2.12	2.57	4.69	6.71	-	-	3.07	3.72	6.79	8.32	24.00	15.68
6435	1.89	2.30	4.19	6.23	-	-	2.74	3.33	6.08	7.84	24.00	16.16
6475	2.10	2.33	4.43	6.47	-	-	3.04	3.38	6.42	8.08	24.00	15.92
6515	2.18	2.40	4.58	6.61	-	-	3.16	3.48	6.63	8.22	24.00	15.78
6535	2.64	2.90	5.55	7.44	-	-	3.03	3.33	6.37	8.04	24.00	15.96
6695	2.44	2.88	5.32	7.26	-	-	2.81	3.30	6.11	7.86	24.00	16.14
6855	2.30	2.60	4.90	6.90	-	-	2.64	2.99	5.62	7.50	24.00	16.50
6875	2.19	2.53	4.72	6.74	-	-	2.52	2.90	5.42	7.34	24.00	16.66
6895	3.05	2.82	5.88	7.69	-	-	3.51	3.24	6.75	8.29	24.00	15.71
6995	3.03	2.74	5.78	7.62	-	-	3.48	3.15	6.63	8.22	24.00	15.78
7095	2.61	3.03	5.64	7.51	-	-	3.00	3.48	6.47	8.11	24.00	15.89

Tested Frequency [MHz]	Duty Factor [dB]	ANT0					ANT1					Result	
		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5955	0.00	-9.97	3.27	9.98	1.61	3.28	4.89	-9.68	3.29	10.10	1.61	3.71	5.32
6195	0.00	-10.07	3.33	9.98	1.61	3.24	4.85	-9.73	3.35	10.10	1.61	3.72	5.33
6415	0.00	-10.12	3.39	9.99	1.61	3.26	4.87	-9.42	3.41	10.11	1.61	4.10	5.71
6435	0.00	-10.51	3.53	9.75	1.61	2.77	4.38	-9.97	3.60	9.99	1.61	3.62	5.23
6475	0.00	-10.08	3.54	9.76	1.61	3.22	4.83	-9.93	3.62	9.99	1.61	3.68	5.29
6515	0.00	-10.06	3.68	9.76	1.61	3.38	4.99	-9.94	3.75	9.99	1.61	3.80	5.41
6535	0.00	-9.19	3.42	9.99	0.60	4.22	4.82	-8.92	3.44	10.11	0.60	4.63	5.23
6695	0.00	-9.58	3.47	9.99	0.60	3.88	4.48	-9.02	3.49	10.12	0.60	4.59	5.19
6855	0.00	-9.89	3.51	9.99	0.60	3.61	4.21	-9.50	3.53	10.12	0.60	4.15	4.75
6875	0.00	-10.10	3.52	9.99	0.60	3.41	4.01	-9.63	3.54	10.12	0.60	4.03	4.63
6895	0.00	-8.66	3.52	9.99	0.60	4.85	5.45	-9.15	3.54	10.12	0.60	4.51	5.11
6995	0.00	-8.72	3.55	9.99	0.60	4.82	5.42	-9.31	3.57	10.12	0.60	4.38	4.98
7095	0.00	-9.40	3.58	9.99	0.60	4.17	4.77	-8.91	3.60	10.12	0.60	4.81	5.41

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

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 22 deg. C / 35 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-20 (OFDMA) 242-tone RU (CDD)

ANT0 + ANT1 242-toneRU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	0.97	0.95	1.91	2.82	-	-	1.40	1.37	2.77	4.43	24.00	19.57
6195	0.96	0.99	1.94	2.89	-	-	1.39	1.43	2.82	4.50	24.00	19.50
6415	0.92	1.06	1.98	2.97	-	-	1.33	1.54	2.87	4.58	24.00	19.42
6435	0.95	1.18	2.13	3.29	-	-	1.38	1.71	3.09	4.90	24.00	19.10
6475	0.90	1.27	2.17	3.36	-	-	1.30	1.84	3.14	4.97	24.00	19.03
6515	0.92	1.29	2.21	3.45	-	-	1.33	1.87	3.20	5.06	24.00	18.94
6535	1.07	1.25	2.32	3.66	-	-	1.23	1.44	2.67	4.26	24.00	19.74
6695	1.03	1.33	2.36	3.72	-	-	1.18	1.52	2.70	4.32	24.00	19.68
6855	0.86	1.21	2.07	3.16	-	-	0.99	1.38	2.37	3.76	24.00	20.24
6875	0.84	1.16	2.00	3.01	-	-	0.97	1.33	2.30	3.61	24.00	20.39
6895	1.38	1.10	2.48	3.94	-	-	1.58	1.26	2.84	4.54	24.00	19.46
6995	1.27	1.14	2.41	3.82	-	-	1.46	1.31	2.77	4.42	24.00	19.58
7095	1.14	1.04	2.18	3.38	-	-	1.31	1.20	2.50	3.98	24.00	20.02

		ANT0						ANT1					
Tested Frequency	Duty Factor	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]
5955	0.00	-13.40	3.27	9.98	1.61	-0.15	1.46	-13.63	3.29	10.10	1.61	-0.24	1.37
6195	0.00	-13.50	3.33	9.98	1.61	-0.19	1.42	-13.51	3.35	10.10	1.61	-0.06	1.55
6415	0.00	-13.74	3.39	9.99	1.61	-0.36	1.25	-13.26	3.41	10.11	1.61	0.26	1.87
6435	0.00	-13.61	3.40	9.99	1.61	-0.22	1.39	-12.81	3.42	10.11	1.61	0.72	2.33
6475	0.00	-13.88	3.41	9.99	1.61	-0.48	1.13	-12.50	3.43	10.11	1.61	1.04	2.65
6515	0.00	-13.77	3.42	9.99	1.61	-0.36	1.25	-12.44	3.44	10.11	1.61	1.11	2.72
6535	0.00	-13.11	3.42	9.99	0.60	0.30	0.90	-12.57	3.44	10.11	0.60	0.98	1.58
6695	0.00	-13.34	3.47	9.99	0.60	0.12	0.72	-12.38	3.49	10.12	0.60	1.23	1.83
6855	0.00	-14.14	3.51	9.99	0.60	-0.64	-0.04	-12.84	3.53	10.12	0.60	0.81	1.41
6875	0.00	-14.25	3.52	9.99	0.60	-0.74	-0.14	-13.02	3.54	10.12	0.60	0.64	1.24
6895	0.00	-12.12	3.52	9.99	0.60	1.39	1.99	-13.25	3.54	10.12	0.60	0.41	1.01
6995	0.00	-12.51	3.55	9.99	0.60	1.03	1.63	-13.11	3.57	10.12	0.60	0.58	1.18
7095	0.00	-13.01	3.58	9.99	0.60	0.56	1.16	-13.54	3.60	10.12	0.60	0.18	0.78

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-20 (OFDMA) 26-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5955	0	0.12	0.13	0.25	-5.97	-	-	0.18	0.19	0.37	-4.36	24.00	28.36
	4	0.13	0.13	0.26	-5.93	-	-	0.18	0.19	0.37	-4.32	24.00	28.32
	8	0.11	0.12	0.23	-6.40	-	-	0.16	0.17	0.33	-4.79	24.00	28.79
6195	0	0.13	0.12	0.24	-6.12	-	-	0.18	0.17	0.35	-4.51	24.00	28.51
	4	0.13	0.12	0.25	-6.08	-	-	0.18	0.18	0.36	-4.47	24.00	28.47
	8	0.11	0.12	0.23	-6.38	-	-	0.17	0.17	0.33	-4.77	24.00	28.77
6415	0	0.10	0.12	0.22	-6.64	-	-	0.14	0.17	0.31	-5.03	24.00	29.03
	4	0.10	0.13	0.22	-6.49	-	-	0.14	0.19	0.32	-4.88	24.00	28.88
	8	0.10	0.12	0.22	-6.48	-	-	0.15	0.18	0.33	-4.87	24.00	28.87
6435	0	0.11	0.14	0.25	-6.08	-	-	0.15	0.20	0.36	-4.47	24.00	28.47
	4	0.12	0.14	0.26	-5.88	-	-	0.17	0.21	0.37	-4.27	24.00	28.27
	8	0.11	0.14	0.24	-6.13	-	-	0.15	0.20	0.35	-4.52	24.00	28.52
6475	0	0.10	0.13	0.23	-6.44	-	-	0.15	0.18	0.33	-4.83	24.00	28.83
	4	0.11	0.13	0.24	-6.20	-	-	0.15	0.19	0.35	-4.59	24.00	28.59
	8	0.10	0.13	0.22	-6.57	-	-	0.14	0.18	0.32	-4.96	24.00	28.96
6515	0	0.10	0.13	0.23	-6.40	-	-	0.15	0.18	0.33	-4.79	24.00	28.79
	4	0.12	0.15	0.26	-5.77	-	-	0.17	0.21	0.38	-4.16	24.00	28.16
	8	0.11	0.13	0.24	-6.12	-	-	0.16	0.19	0.35	-4.51	24.00	28.51

		ANT0							ANT1						
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		
[MHz]		[dB]		[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	
5955	0	0.00	-12.41	3.27	0.00	1.61	-9.14	-7.53	-12.11	3.29	0.00	1.61	-8.82	-7.21	
	4	0.00	-12.30	3.27	0.00	1.61	-9.03	-7.42	-12.15	3.29	0.00	1.61	-8.86	-7.25	
	8	0.00	-12.85	3.27	0.00	1.61	-9.58	-7.97	-12.53	3.29	0.00	1.61	-9.24	-7.63	
6195	0	0.00	-12.35	3.33	0.00	1.61	-9.02	-7.41	-12.59	3.35	0.00	1.61	-9.24	-7.63	
	4	0.00	-12.35	3.33	0.00	1.61	-9.02	-7.41	-12.51	3.35	0.00	1.61	-9.16	-7.55	
	8	0.00	-12.73	3.33	0.00	1.61	-9.40	-7.79	-12.73	3.35	0.00	1.61	-9.38	-7.77	
6415	0	0.00	-13.43	3.39	0.00	1.61	-10.04	-8.43	-12.70	3.41	0.00	1.61	-9.29	-7.68	
	4	0.00	-13.55	3.39	0.00	1.61	-10.16	-8.55	-12.34	3.41	0.00	1.61	-8.93	-7.32	
	8	0.00	-13.38	3.39	0.00	1.61	-9.99	-8.38	-12.45	3.41	0.00	1.61	-9.04	-7.43	
6435	0	0.00	-13.12	3.40	0.00	1.61	-9.72	-8.11	-11.96	3.42	0.00	1.61	-8.54	-6.93	
	4	0.00	-12.75	3.40	0.00	1.61	-9.35	-7.74	-11.90	3.42	0.00	1.61	-8.48	-6.87	
	8	0.00	-13.11	3.40	0.00	1.61	-9.71	-8.10	-12.05	3.42	0.00	1.61	-8.63	-7.02	
6475	0	0.00	-13.34	3.41	0.00	1.61	-9.93	-8.32	-12.44	3.43	0.00	1.61	-9.01	-7.40	
	4	0.00	-13.17	3.41	0.00	1.61	-9.76	-8.15	-12.15	3.43	0.00	1.61	-8.72	-7.11	
	8	0.00	-13.61	3.41	0.00	1.61	-10.20	-8.59	-12.46	3.43	0.00	1.61	-9.03	-7.42	
6515	0	0.00	-13.30	3.42	0.00	1.61	-9.88	-8.27	-12.42	3.44	0.00	1.61	-8.98	-7.37	
	4	0.00	-12.65	3.42	0.00	1.61	-9.23	-7.62	-11.81	3.44	0.00	1.61	-8.37	-6.76	
	8	0.00	-12.99	3.42	0.00	1.61	-9.57	-7.96	-12.18	3.44	0.00	1.61	-8.74	-7.13	

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

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-20 (OFDMA) 26-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6535	0	0.11	0.11	0.22	-6.61	-	-	0.12	0.13	0.25	-6.01	24.00	30.01
	4	0.11	0.12	0.22	-6.52	-	-	0.12	0.13	0.26	-5.92	24.00	29.92
	8	0.11	0.11	0.22	-6.57	-	-	0.13	0.13	0.25	-5.97	24.00	29.97
6695	0	0.10	0.12	0.21	-6.74	-	-	0.11	0.13	0.24	-6.14	24.00	30.14
	4	0.10	0.13	0.22	-6.48	-	-	0.11	0.15	0.26	-5.88	24.00	29.88
	8	0.09	0.11	0.20	-7.05	-	-	0.10	0.12	0.23	-6.45	24.00	30.45
6855	0	0.08	0.10	0.18	-7.53	-	-	0.09	0.11	0.20	-6.93	24.00	30.93
	4	0.08	0.10	0.18	-7.50	-	-	0.09	0.11	0.20	-6.90	24.00	30.90
	8	0.08	0.09	0.17	-7.77	-	-	0.09	0.10	0.19	-7.17	24.00	31.17
6875	0	0.08	0.09	0.17	-7.69	-	-	0.09	0.11	0.20	-7.09	24.00	31.09
	4	0.09	0.10	0.19	-7.22	-	-	0.10	0.12	0.22	-6.62	24.00	30.62
	8	0.08	0.10	0.18	-7.55	-	-	0.09	0.11	0.20	-6.95	24.00	30.95
6895	0	0.11	0.12	0.24	-6.28	-	-	0.13	0.14	0.27	-5.68	24.00	29.68
	4	0.13	0.13	0.26	-5.88	-	-	0.15	0.14	0.30	-5.28	24.00	29.28
	8	0.11	0.12	0.24	-6.28	-	-	0.13	0.14	0.27	-5.68	24.00	29.68
6995	0	0.10	0.10	0.21	-6.82	-	-	0.12	0.12	0.24	-6.22	24.00	30.22
	4	0.11	0.11	0.22	-6.66	-	-	0.13	0.12	0.25	-6.06	24.00	30.06
	8	0.09	0.10	0.19	-7.21	-	-	0.11	0.11	0.22	-6.61	24.00	30.61
7095	0	0.09	0.10	0.19	-7.32	-	-	0.10	0.11	0.21	-6.72	24.00	30.72
	4	0.09	0.09	0.18	-7.35	-	-	0.10	0.11	0.21	-6.75	24.00	30.75
	8	0.08	0.09	0.17	-7.74	-	-	0.09	0.10	0.19	-7.14	24.00	31.14

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6535	0	0.00	-13.18	3.42	0.00	0.60	-9.76	-9.16	-12.92	3.44	0.00	0.60	-9.48	-8.88
	4	0.00	-13.09	3.42	0.00	0.60	-9.67	-9.07	-12.83	3.44	0.00	0.60	-9.39	-8.79
	8	0.00	-13.02	3.42	0.00	0.60	-9.60	-9.00	-13.00	3.44	0.00	0.60	-9.56	-8.96
6695	0	0.00	-13.69	3.47	0.00	0.60	-10.22	-9.62	-12.81	3.49	0.00	0.60	-9.32	-8.72
	4	0.00	-13.60	3.47	0.00	0.60	-10.13	-9.53	-12.43	3.49	0.00	0.60	-8.94	-8.34
	8	0.00	-13.87	3.47	0.00	0.60	-10.40	-9.80	-13.23	3.49	0.00	0.60	-9.74	-9.14
6855	0	0.00	-14.40	3.51	0.00	0.60	-10.89	-10.29	-13.75	3.53	0.00	0.60	-10.22	-9.62
	4	0.00	-14.49	3.51	0.00	0.60	-10.98	-10.38	-13.61	3.53	0.00	0.60	-10.08	-9.48
	8	0.00	-14.58	3.51	0.00	0.60	-11.07	-10.47	-14.04	3.53	0.00	0.60	-10.51	-9.91
6875	0	0.00	-14.74	3.52	0.00	0.60	-11.22	-10.62	-13.77	3.54	0.00	0.60	-10.23	-9.63
	4	0.00	-14.13	3.52	0.00	0.60	-10.61	-10.01	-13.43	3.54	0.00	0.60	-9.89	-9.29
	8	0.00	-14.67	3.52	0.00	0.60	-11.15	-10.55	-13.59	3.54	0.00	0.60	-10.05	-9.45
6895	0	0.00	-13.00	3.52	0.00	0.60	-9.48	-8.88	-12.64	3.54	0.00	0.60	-9.10	-8.50
	4	0.00	-12.27	3.52	0.00	0.60	-8.75	-8.15	-12.57	3.54	0.00	0.60	-9.03	-8.43
	8	0.00	-13.03	3.52	0.00	0.60	-9.51	-8.91	-12.63	3.54	0.00	0.60	-9.09	-8.49
6995	0	0.00	-13.40	3.55	0.00	0.60	-9.85	-9.25	-13.39	3.57	0.00	0.60	-9.82	-9.22
	4	0.00	-13.14	3.55	0.00	0.60	-9.59	-8.99	-13.33	3.57	0.00	0.60	-9.76	-9.16
	8	0.00	-13.85	3.55	0.00	0.60	-10.30	-9.70	-13.71	3.57	0.00	0.60	-10.14	-9.54
7095	0	0.00	-14.15	3.58	0.00	0.60	-10.57	-9.97	-13.71	3.60	0.00	0.60	-10.11	-9.51
	4	0.00	-14.06	3.58	0.00	0.60	-10.48	-9.88	-13.85	3.60	0.00	0.60	-10.25	-9.65
	8	0.00	-14.53	3.58	0.00	0.60	-10.95	-10.35	-14.15	3.60	0.00	0.60	-10.55	-9.95

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

* The Duty Factor is 0 dB, 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 19, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 26-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		ANT0 [mW]	ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	0	0.13	0.18	0.31	-5.09	-	-	0.19	0.26	0.45	-3.48	24.00	27.48
	4	0.14	0.14	0.28	-5.56	-	-	0.20	0.21	0.40	-3.95	24.00	27.95
	8	0.12	0.13	0.26	-5.93	-	-	0.18	0.19	0.37	-4.32	24.00	28.32
6195	0	0.13	0.12	0.26	-5.89	-	-	0.19	0.18	0.37	-4.28	24.00	28.28
	4	0.13	0.13	0.27	-5.76	-	-	0.19	0.19	0.38	-4.15	24.00	28.15
	8	0.12	0.12	0.24	-6.23	-	-	0.18	0.17	0.35	-4.62	24.00	28.62
6415	0	0.11	0.12	0.22	-6.54	-	-	0.15	0.17	0.32	-4.93	24.00	28.93
	4	0.13	0.15	0.28	-5.55	-	-	0.19	0.21	0.40	-3.94	24.00	27.94
	8	0.10	0.13	0.23	-6.38	-	-	0.14	0.19	0.33	-4.77	24.00	28.77
6435	0	0.12	0.18	0.29	-5.36	-	-	0.17	0.26	0.42	-3.75	24.00	27.75
	4	0.12	0.19	0.31	-5.09	-	-	0.18	0.27	0.45	-3.48	24.00	27.48
	8	0.11	0.17	0.29	-5.42	-	-	0.16	0.25	0.42	-3.81	24.00	27.81
6475	0	0.12	0.18	0.29	-5.33	-	-	0.17	0.26	0.42	-3.72	24.00	27.72
	4	0.12	0.19	0.30	-5.17	-	-	0.17	0.27	0.44	-3.56	24.00	27.56
	8	0.11	0.17	0.28	-5.50	-	-	0.16	0.25	0.41	-3.89	24.00	27.89
6515	0	0.13	0.16	0.29	-5.34	-	-	0.19	0.23	0.42	-3.73	24.00	27.73
	4	0.14	0.16	0.30	-5.24	-	-	0.20	0.23	0.43	-3.63	24.00	27.63
	8	0.13	0.17	0.29	-5.31	-	-	0.18	0.24	0.43	-3.70	24.00	27.70

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5955	0	0.00	-12.06	3.27	0.00	1.61	-8.79	-7.18	-10.80	3.29	0.00	1.61	-7.51	-5.90
	4	0.00	-11.94	3.27	0.00	1.61	-8.67	-7.06	-11.77	3.29	0.00	1.61	-8.48	-6.87
	8	0.00	-12.36	3.27	0.00	1.61	-9.09	-7.48	-12.09	3.29	0.00	1.61	-8.80	-7.19
6195	0	0.00	-12.08	3.33	0.00	1.61	-8.75	-7.14	-12.41	3.35	0.00	1.61	-9.06	-7.45
	4	0.00	-12.10	3.33	0.00	1.61	-8.77	-7.16	-12.13	3.35	0.00	1.61	-8.78	-7.17
	8	0.00	-12.43	3.33	0.00	1.61	-9.10	-7.49	-12.73	3.35	0.00	1.61	-9.38	-7.77
6415	0	0.00	-13.13	3.39	0.00	1.61	-9.74	-8.13	-12.78	3.41	0.00	1.61	-9.37	-7.76
	4	0.00	-12.23	3.39	0.00	1.61	-8.84	-7.23	-11.71	3.41	0.00	1.61	-8.30	-6.69
	8	0.00	-13.51	3.39	0.00	1.61	-10.12	-8.51	-12.17	3.41	0.00	1.61	-8.76	-7.15
6435	0	0.00	-12.79	3.40	0.00	1.61	-9.39	-7.78	-10.96	3.42	0.00	1.61	-7.54	-5.93
	4	0.00	-12.47	3.40	0.00	1.61	-9.07	-7.46	-10.73	3.42	0.00	1.61	-7.31	-5.70
	8	0.00	-12.84	3.40	0.00	1.61	-9.44	-7.83	-11.03	3.42	0.00	1.61	-7.61	-6.00
6475	0	0.00	-12.79	3.41	0.00	1.61	-9.38	-7.77	-10.93	3.43	0.00	1.61	-7.50	-5.89
	4	0.00	-12.77	3.41	0.00	1.61	-9.36	-7.75	-10.69	3.43	0.00	1.61	-7.26	-5.65
	8	0.00	-13.03	3.41	0.00	1.61	-9.62	-8.01	-11.05	3.43	0.00	1.61	-7.62	-6.01
6515	0	0.00	-12.17	3.42	0.00	1.61	-8.75	-7.14	-11.42	3.44	0.00	1.61	-7.98	-6.37
	4	0.00	-12.03	3.42	0.00	1.61	-8.61	-7.00	-11.35	3.44	0.00	1.61	-7.91	-6.30
	8	0.00	-12.43	3.42	0.00	1.61	-9.01	-7.40	-11.17	3.44	0.00	1.61	-7.73	-6.12

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 19, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 26-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		ANT0 [mW]	ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6535	0	0.10	0.11	0.21	-6.80	-	-	0.11	0.13	0.24	-6.20	24.00	30.20
	4	0.11	0.12	0.23	-6.43	-	-	0.12	0.14	0.26	-5.83	24.00	29.83
	8	0.11	0.12	0.22	-6.50	-	-	0.12	0.13	0.26	-5.90	24.00	29.90
6695	0	0.09	0.10	0.20	-7.06	-	-	0.11	0.12	0.23	-6.46	24.00	30.46
	4	0.09	0.11	0.20	-6.94	-	-	0.11	0.13	0.23	-6.34	24.00	30.34
	8	0.09	0.11	0.20	-7.01	-	-	0.10	0.12	0.23	-6.41	24.00	30.41
6855	0	0.08	0.09	0.17	-7.59	-	-	0.09	0.11	0.20	-6.99	24.00	30.99
	4	0.08	0.10	0.18	-7.53	-	-	0.09	0.11	0.20	-6.93	24.00	30.93
	8	0.07	0.09	0.16	-7.86	-	-	0.09	0.10	0.19	-7.26	24.00	31.26
6875	0	0.08	0.09	0.17	-7.74	-	-	0.09	0.10	0.19	-7.14	24.00	31.14
	4	0.08	0.09	0.17	-7.81	-	-	0.09	0.10	0.19	-7.21	24.00	31.21
	8	0.07	0.09	0.16	-7.99	-	-	0.08	0.10	0.18	-7.39	24.00	31.39
6895	0	0.09	0.10	0.20	-7.06	-	-	0.11	0.12	0.23	-6.46	24.00	30.46
	4	0.11	0.11	0.22	-6.63	-	-	0.12	0.12	0.25	-6.03	24.00	30.03
	8	0.11	0.11	0.22	-6.52	-	-	0.13	0.13	0.26	-5.92	24.00	29.92
6995	0	0.10	0.10	0.20	-6.95	-	-	0.11	0.12	0.23	-6.35	24.00	30.35
	4	0.10	0.11	0.21	-6.75	-	-	0.12	0.13	0.24	-6.15	24.00	30.15
	8	0.09	0.10	0.19	-7.24	-	-	0.11	0.11	0.22	-6.64	24.00	30.64
7095	0	0.09	0.09	0.18	-7.45	-	-	0.10	0.11	0.21	-6.85	24.00	30.85
	4	0.09	0.10	0.18	-7.38	-	-	0.10	0.11	0.21	-6.78	24.00	30.78
	8	0.08	0.09	0.17	-7.76	-	-	0.09	0.10	0.19	-7.16	24.00	31.16

ANT0							ANT1							
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6535	0	0.00	-13.43	3.42	0.00	0.60	-10.01	-9.41	-13.05	3.44	0.00	0.60	-9.61	-9.01
	4	0.00	-13.19	3.42	0.00	0.60	-9.77	-9.17	-12.57	3.44	0.00	0.60	-9.13	-8.53
	8	0.00	-13.13	3.42	0.00	0.60	-9.71	-9.11	-12.76	3.44	0.00	0.60	-9.32	-8.72
6695	0	0.00	-13.77	3.47	0.00	0.60	-10.30	-9.70	-13.34	3.49	0.00	0.60	-9.85	-9.25
	4	0.00	-13.76	3.47	0.00	0.60	-10.29	-9.69	-13.12	3.49	0.00	0.60	-9.63	-9.03
	8	0.00	-13.90	3.47	0.00	0.60	-10.43	-9.83	-13.13	3.49	0.00	0.60	-9.64	-9.04
6855	0	0.00	-14.46	3.51	0.00	0.60	-10.95	-10.35	-13.81	3.53	0.00	0.60	-10.28	-9.68
	4	0.00	-14.51	3.51	0.00	0.60	-11.00	-10.40	-13.65	3.53	0.00	0.60	-10.12	-9.52
	8	0.00	-14.79	3.51	0.00	0.60	-11.28	-10.68	-14.02	3.53	0.00	0.60	-10.49	-9.89
6875	0	0.00	-14.55	3.52	0.00	0.60	-11.03	-10.43	-14.03	3.54	0.00	0.60	-10.49	-9.89
	4	0.00	-14.68	3.52	0.00	0.60	-11.16	-10.56	-14.04	3.54	0.00	0.60	-10.50	-9.90
	8	0.00	-14.84	3.52	0.00	0.60	-11.32	-10.72	-14.24	3.54	0.00	0.60	-10.70	-10.10
6895	0	0.00	-13.78	3.52	0.00	0.60	-10.26	-9.66	-13.42	3.54	0.00	0.60	-9.88	-9.28
	4	0.00	-13.16	3.52	0.00	0.60	-9.64	-9.04	-13.19	3.54	0.00	0.60	-9.65	-9.05
	8	0.00	-13.05	3.52	0.00	0.60	-9.53	-8.93	-13.07	3.54	0.00	0.60	-9.53	-8.93
6995	0	0.00	-13.65	3.55	0.00	0.60	-10.10	-9.50	-13.40	3.57	0.00	0.60	-9.83	-9.23
	4	0.00	-13.46	3.55	0.00	0.60	-9.91	-9.31	-13.19	3.57	0.00	0.60	-9.62	-9.02
	8	0.00	-13.85	3.55	0.00	0.60	-10.30	-9.70	-13.78	3.57	0.00	0.60	-10.21	-9.61
7095	0	0.00	-14.22	3.58	0.00	0.60	-10.64	-10.04	-13.89	3.60	0.00	0.60	-10.29	-9.69
	4	0.00	-14.23	3.58	0.00	0.60	-10.65	-10.05	-13.74	3.60	0.00	0.60	-10.14	-9.54
	8	0.00	-14.56	3.58	0.00	0.60	-10.98	-10.38	-14.17	3.60	0.00	0.60	-10.57	-9.97

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-20 (OFDMA) 52-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	37	0.12	0.12	0.24	-6.25	-	-	0.17	0.18	0.34	-4.64	24.00	28.64
	38	0.12	0.12	0.24	-6.16	-	-	0.17	0.18	0.35	-4.55	24.00	28.55
	40	0.12	0.12	0.24	-6.28	-	-	0.17	0.17	0.34	-4.67	24.00	28.67
6195	37	0.12	0.12	0.24	-6.14	-	-	0.18	0.17	0.35	-4.53	24.00	28.53
	38	0.12	0.12	0.24	-6.28	-	-	0.17	0.17	0.34	-4.67	24.00	28.67
	40	0.11	0.11	0.22	-6.62	-	-	0.16	0.16	0.32	-5.01	24.00	29.01
6415	37	0.10	0.12	0.22	-6.59	-	-	0.14	0.18	0.32	-4.98	24.00	28.98
	38	0.10	0.13	0.22	-6.49	-	-	0.14	0.18	0.33	-4.88	24.00	28.88
	40	0.10	0.12	0.21	-6.76	-	-	0.14	0.17	0.31	-5.15	24.00	29.15
6435	37	0.10	0.13	0.23	-6.31	-	-	0.14	0.20	0.34	-4.70	24.00	28.70
	38	0.11	0.14	0.25	-6.08	-	-	0.16	0.20	0.36	-4.47	24.00	28.47
	40	0.11	0.14	0.24	-6.12	-	-	0.16	0.20	0.35	-4.51	24.00	28.51
6475	37	0.10	0.12	0.22	-6.59	-	-	0.14	0.18	0.32	-4.98	24.00	28.98
	38	0.11	0.13	0.25	-6.07	-	-	0.17	0.19	0.36	-4.46	24.00	28.46
	40	0.09	0.13	0.22	-6.58	-	-	0.14	0.18	0.32	-4.97	24.00	28.97
6515	37	0.11	0.13	0.24	-6.18	-	-	0.16	0.19	0.35	-4.57	24.00	28.57
	38	0.12	0.13	0.25	-6.01	-	-	0.17	0.19	0.36	-4.40	24.00	28.40
	40	0.11	0.13	0.23	-6.30	-	-	0.15	0.19	0.34	-4.69	24.00	28.69

		ANT0							ANT1						
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	
5955	37	0.00	-12.65	3.27	0.00	1.61	-9.38	-7.77	-12.44	3.29	0.00	1.61	-9.15	-7.54	
	38	0.00	-12.55	3.27	0.00	1.61	-9.28	-7.67	-12.36	3.29	0.00	1.61	-9.07	-7.46	
	40	0.00	-12.57	3.27	0.00	1.61	-9.30	-7.69	-12.58	3.29	0.00	1.61	-9.29	-7.68	
6195	37	0.00	-12.38	3.33	0.00	1.61	-9.05	-7.44	-12.61	3.35	0.00	1.61	-9.26	-7.65	
	38	0.00	-12.57	3.33	0.00	1.61	-9.24	-7.63	-12.69	3.35	0.00	1.61	-9.34	-7.73	
	40	0.00	-12.91	3.33	0.00	1.61	-9.58	-7.97	-13.04	3.35	0.00	1.61	-9.69	-8.08	
6415	37	0.00	-13.46	3.39	0.00	1.61	-10.07	-8.46	-12.58	3.41	0.00	1.61	-9.17	-7.56	
	38	0.00	-13.45	3.39	0.00	1.61	-10.06	-8.45	-12.41	3.41	0.00	1.61	-9.00	-7.39	
	40	0.00	-13.59	3.39	0.00	1.61	-10.20	-8.59	-12.79	3.41	0.00	1.61	-9.38	-7.77	
6435	37	0.00	-13.44	3.40	0.00	1.61	-10.04	-8.43	-12.12	3.42	0.00	1.61	-8.70	-7.09	
	38	0.00	-13.02	3.40	0.00	1.61	-9.62	-8.01	-12.03	3.42	0.00	1.61	-8.61	-7.00	
	40	0.00	-13.09	3.40	0.00	1.61	-9.69	-8.08	-12.05	3.42	0.00	1.61	-8.63	-7.02	
6475	37	0.00	-13.59	3.41	0.00	1.61	-10.18	-8.57	-12.52	3.43	0.00	1.61	-9.09	-7.48	
	38	0.00	-12.84	3.41	0.00	1.61	-9.43	-7.82	-12.19	3.43	0.00	1.61	-8.76	-7.15	
	40	0.00	-13.66	3.41	0.00	1.61	-10.25	-8.64	-12.44	3.43	0.00	1.61	-9.01	-7.40	
6515	37	0.00	-13.02	3.42	0.00	1.61	-9.60	-7.99	-12.26	3.44	0.00	1.61	-8.82	-7.21	
	38	0.00	-12.66	3.42	0.00	1.61	-9.24	-7.63	-12.26	3.44	0.00	1.61	-8.82	-7.21	
	40	0.00	-13.17	3.42	0.00	1.61	-9.75	-8.14	-12.36	3.44	0.00	1.61	-8.92	-7.31	

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

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-20 (OFDMA) 52-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6535	37	0.10	0.12	0.22	-6.58	-	-	0.12	0.13	0.25	-5.98	24.00	29.98
	38	0.11	0.12	0.23	-6.46	-	-	0.12	0.14	0.26	-5.86	24.00	29.86
	40	0.11	0.12	0.22	-6.57	-	-	0.12	0.13	0.25	-5.97	24.00	29.97
6695	37	0.09	0.10	0.19	-7.17	-	-	0.10	0.12	0.22	-6.57	24.00	30.57
	38	0.10	0.11	0.20	-6.89	-	-	0.11	0.13	0.23	-6.29	24.00	30.29
	40	0.09	0.11	0.21	-6.88	-	-	0.10	0.13	0.24	-6.28	24.00	30.28
6855	37	0.08	0.09	0.18	-7.52	-	-	0.10	0.11	0.20	-6.92	24.00	30.92
	38	0.08	0.09	0.17	-7.63	-	-	0.09	0.11	0.20	-7.03	24.00	31.03
	40	0.08	0.09	0.17	-7.70	-	-	0.09	0.10	0.20	-7.10	24.00	31.10
6875	37	0.08	0.10	0.18	-7.50	-	-	0.09	0.11	0.20	-6.90	24.00	30.90
	38	0.08	0.10	0.18	-7.55	-	-	0.09	0.11	0.20	-6.95	24.00	30.95
	40	0.08	0.10	0.17	-7.61	-	-	0.09	0.11	0.20	-7.01	24.00	31.01
6895	37	0.11	0.12	0.23	-6.30	-	-	0.13	0.14	0.27	-5.70	24.00	29.70
	38	0.12	0.12	0.24	-6.23	-	-	0.13	0.14	0.27	-5.63	24.00	29.63
	40	0.11	0.10	0.21	-6.73	-	-	0.13	0.12	0.24	-6.13	24.00	30.13
6995	37	0.11	0.12	0.23	-6.36	-	-	0.13	0.14	0.27	-5.76	24.00	29.76
	38	0.11	0.11	0.21	-6.70	-	-	0.12	0.12	0.25	-6.10	24.00	30.10
	40	0.11	0.10	0.21	-6.72	-	-	0.13	0.12	0.24	-6.12	24.00	30.12
7095	37	0.09	0.09	0.18	-7.44	-	-	0.10	0.11	0.21	-6.84	24.00	30.84
	38	0.09	0.10	0.19	-7.29	-	-	0.10	0.11	0.21	-6.69	24.00	30.69
	40	0.08	0.09	0.17	-7.66	-	-	0.09	0.10	0.20	-7.06	24.00	31.06

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
							[dBm]	[dBm]	[dBm]				[dBm]	[dBm]
6535	37	0.00	-13.30	3.42	0.00	0.60	-9.88	-9.28	-12.76	3.44	0.00	0.60	-9.32	-8.72
	38	0.00	-13.08	3.42	0.00	0.60	-9.66	-9.06	-12.72	3.44	0.00	0.60	-9.28	-8.68
	40	0.00	-13.19	3.42	0.00	0.60	-9.77	-9.17	-12.83	3.44	0.00	0.60	-9.39	-8.79
6695	37	0.00	-13.92	3.47	0.00	0.60	-10.45	-9.85	-13.41	3.49	0.00	0.60	-9.92	-9.32
	38	0.00	-13.67	3.47	0.00	0.60	-10.20	-9.60	-13.11	3.49	0.00	0.60	-9.62	-9.02
	40	0.00	-13.90	3.47	0.00	0.60	-10.43	-9.83	-12.90	3.49	0.00	0.60	-9.41	-8.81
6855	37	0.00	-14.23	3.51	0.00	0.60	-10.72	-10.12	-13.87	3.53	0.00	0.60	-10.34	-9.74
	38	0.00	-14.49	3.51	0.00	0.60	-10.98	-10.38	-13.86	3.53	0.00	0.60	-10.33	-9.73
	40	0.00	-14.50	3.51	0.00	0.60	-10.99	-10.39	-13.97	3.53	0.00	0.60	-10.44	-9.84
6875	37	0.00	-14.51	3.52	0.00	0.60	-10.99	-10.39	-13.62	3.54	0.00	0.60	-10.08	-9.48
	38	0.00	-14.44	3.52	0.00	0.60	-10.92	-10.32	-13.76	3.54	0.00	0.60	-10.22	-9.62
	40	0.00	-14.60	3.52	0.00	0.60	-11.08	-10.48	-13.75	3.54	0.00	0.60	-10.21	-9.61
6895	37	0.00	-12.99	3.52	0.00	0.60	-9.47	-8.87	-12.70	3.54	0.00	0.60	-9.16	-8.56
	38	0.00	-12.87	3.52	0.00	0.60	-9.35	-8.75	-12.67	3.54	0.00	0.60	-9.13	-8.53
	40	0.00	-13.09	3.52	0.00	0.60	-9.57	-8.97	-13.46	3.54	0.00	0.60	-9.92	-9.32
6995	37	0.00	-13.14	3.55	0.00	0.60	-9.59	-8.99	-12.74	3.57	0.00	0.60	-9.17	-8.57
	38	0.00	-13.30	3.55	0.00	0.60	-9.75	-9.15	-13.24	3.57	0.00	0.60	-9.67	-9.07
	40	0.00	-13.08	3.55	0.00	0.60	-9.53	-8.93	-13.50	3.57	0.00	0.60	-9.93	-9.33
7095	37	0.00	-14.15	3.58	0.00	0.60	-10.57	-9.97	-13.93	3.60	0.00	0.60	-10.33	-9.73
	38	0.00	-14.12	3.58	0.00	0.60	-10.54	-9.94	-13.67	3.60	0.00	0.60	-10.07	-9.47
	40	0.00	-14.50	3.58	0.00	0.60	-10.92	-10.32	-14.03	3.60	0.00	0.60	-10.43	-9.83

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

* The Duty Factor is 0 dB, 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 19, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 52-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	37	0.11	0.11	0.22	-6.63	-	-	0.15	0.16	0.31	-5.02	24.00	29.02
	38	0.11	0.12	0.23	-6.38	-	-	0.16	0.17	0.33	-4.77	24.00	28.77
	40	0.11	0.12	0.23	-6.43	-	-	0.16	0.17	0.33	-4.82	24.00	28.82
6195	37	0.12	0.11	0.23	-6.37	-	-	0.18	0.15	0.33	-4.76	24.00	28.76
	38	0.11	0.11	0.22	-6.64	-	-	0.16	0.15	0.31	-5.03	24.00	29.03
	40	0.12	0.10	0.21	-6.73	-	-	0.17	0.14	0.31	-5.12	24.00	29.12
6415	37	0.10	0.13	0.23	-6.46	-	-	0.15	0.18	0.33	-4.85	24.00	28.85
	38	0.10	0.13	0.22	-6.51	-	-	0.14	0.18	0.32	-4.90	24.00	28.90
	40	0.09	0.11	0.20	-7.05	-	-	0.13	0.15	0.29	-5.44	24.00	29.44
6435	37	0.11	0.14	0.24	-6.12	-	-	0.15	0.20	0.35	-4.51	24.00	28.51
	38	0.11	0.14	0.25	-6.03	-	-	0.16	0.20	0.36	-4.42	24.00	28.42
	40	0.11	0.14	0.25	-5.95	-	-	0.16	0.21	0.37	-4.34	24.00	28.34
6475	37	0.10	0.12	0.22	-6.55	-	-	0.14	0.18	0.32	-4.94	24.00	28.94
	38	0.10	0.13	0.24	-6.27	-	-	0.15	0.20	0.34	-4.66	24.00	28.66
	40	0.10	0.13	0.22	-6.49	-	-	0.14	0.18	0.32	-4.88	24.00	28.88
6515	37	0.11	0.14	0.24	-6.19	-	-	0.15	0.20	0.35	-4.58	24.00	28.58
	38	0.11	0.14	0.24	-6.13	-	-	0.16	0.20	0.35	-4.52	24.00	28.52
	40	0.10	0.13	0.24	-6.24	-	-	0.15	0.19	0.34	-4.63	24.00	28.63

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5955	37	0.00	-13.05	3.27	0.00	1.61	-9.78	-8.17	-12.79	3.29	0.00	1.61	-9.50	-7.89
	38	0.00	-12.72	3.27	0.00	1.61	-9.45	-7.84	-12.62	3.29	0.00	1.61	-9.33	-7.72
	40	0.00	-12.79	3.27	0.00	1.61	-9.52	-7.91	-12.66	3.29	0.00	1.61	-9.37	-7.76
6195	37	0.00	-12.38	3.33	0.00	1.61	-9.05	-7.44	-13.09	3.35	0.00	1.61	-9.74	-8.13
	38	0.00	-12.93	3.33	0.00	1.61	-9.60	-7.99	-13.06	3.35	0.00	1.61	-9.71	-8.10
	40	0.00	-12.69	3.33	0.00	1.61	-9.36	-7.75	-13.50	3.35	0.00	1.61	-10.15	-8.54
6415	37	0.00	-13.37	3.39	0.00	1.61	-9.98	-8.37	-12.43	3.41	0.00	1.61	-9.02	-7.41
	38	0.00	-13.48	3.39	0.00	1.61	-10.09	-8.48	-12.42	3.41	0.00	1.61	-9.01	-7.40
	40	0.00	-13.81	3.39	0.00	1.61	-10.42	-8.81	-13.13	3.41	0.00	1.61	-9.72	-8.11
6435	37	0.00	-13.17	3.40	0.00	1.61	-9.77	-8.16	-11.99	3.42	0.00	1.61	-8.57	-6.96
	38	0.00	-13.04	3.40	0.00	1.61	-9.64	-8.03	-11.94	3.42	0.00	1.61	-8.52	-6.91
	40	0.00	-13.01	3.40	0.00	1.61	-9.61	-8.00	-11.82	3.42	0.00	1.61	-8.40	-6.79
6475	37	0.00	-13.53	3.41	0.00	1.61	-10.12	-8.51	-12.49	3.43	0.00	1.61	-9.06	-7.45
	38	0.00	-13.36	3.41	0.00	1.61	-9.95	-8.34	-12.13	3.43	0.00	1.61	-8.70	-7.09
	40	0.00	-13.47	3.41	0.00	1.61	-10.06	-8.45	-12.44	3.43	0.00	1.61	-9.01	-7.40
6515	37	0.00	-13.20	3.42	0.00	1.61	-9.78	-8.17	-12.13	3.44	0.00	1.61	-8.69	-7.08
	38	0.00	-13.08	3.42	0.00	1.61	-9.66	-8.05	-12.12	3.44	0.00	1.61	-8.68	-7.07
	40	0.00	-13.26	3.42	0.00	1.61	-9.84	-8.23	-12.17	3.44	0.00	1.61	-8.73	-7.12

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 19, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 52-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6535	37	0.10	0.11	0.22	-6.63	-	-	0.12	0.13	0.25	-6.03	24.00	30.03
	38	0.11	0.11	0.22	-6.54	-	-	0.12	0.13	0.25	-5.94	24.00	29.94
	40	0.10	0.12	0.21	-6.70	-	-	0.11	0.13	0.25	-6.10	24.00	30.10
6695	37	0.09	0.11	0.19	-7.12	-	-	0.10	0.12	0.22	-6.52	24.00	30.52
	38	0.09	0.11	0.20	-6.92	-	-	0.10	0.13	0.23	-6.32	24.00	30.32
	40	0.09	0.11	0.20	-7.07	-	-	0.10	0.13	0.23	-6.47	24.00	30.47
6855	37	0.08	0.10	0.18	-7.53	-	-	0.09	0.11	0.20	-6.93	24.00	30.93
	38	0.08	0.10	0.18	-7.50	-	-	0.09	0.11	0.20	-6.90	24.00	30.90
	40	0.08	0.09	0.18	-7.55	-	-	0.09	0.11	0.20	-6.95	24.00	30.95
6875	37	0.08	0.09	0.17	-7.78	-	-	0.09	0.10	0.19	-7.18	24.00	31.18
	38	0.08	0.09	0.17	-7.57	-	-	0.09	0.11	0.20	-6.97	24.00	30.97
	40	0.08	0.09	0.17	-7.68	-	-	0.09	0.11	0.20	-7.08	24.00	31.08
6895	37	0.12	0.11	0.22	-6.53	-	-	0.13	0.12	0.26	-5.93	24.00	29.93
	38	0.12	0.11	0.23	-6.36	-	-	0.13	0.13	0.27	-5.76	24.00	29.76
	40	0.11	0.11	0.22	-6.57	-	-	0.13	0.13	0.25	-5.97	24.00	29.97
6995	37	0.10	0.09	0.20	-7.06	-	-	0.12	0.11	0.23	-6.46	24.00	30.46
	38	0.10	0.10	0.20	-7.01	-	-	0.12	0.11	0.23	-6.41	24.00	30.41
	40	0.10	0.09	0.18	-7.37	-	-	0.11	0.10	0.21	-6.77	24.00	30.77
7095	37	0.09	0.09	0.18	-7.37	-	-	0.10	0.11	0.21	-6.77	24.00	30.77
	38	0.09	0.10	0.19	-7.20	-	-	0.11	0.11	0.22	-6.60	24.00	30.60
	40	0.08	0.08	0.16	-7.87	-	-	0.09	0.10	0.19	-7.27	24.00	31.27

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result	
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
6535	37	0.00	-13.28	3.42	0.00	0.60	-9.86	-9.26	-12.88	3.44	0.00	0.60	-9.44	-8.84
	38	0.00	-13.11	3.42	0.00	0.60	-9.69	-9.09	-12.85	3.44	0.00	0.60	-9.41	-8.81
	40	0.00	-13.51	3.42	0.00	0.60	-10.09	-9.49	-12.80	3.44	0.00	0.60	-9.36	-8.76
6695	37	0.00	-14.08	3.47	0.00	0.60	-10.61	-10.01	-13.19	3.49	0.00	0.60	-9.70	-9.10
	38	0.00	-13.87	3.47	0.00	0.60	-10.40	-9.80	-13.00	3.49	0.00	0.60	-9.51	-8.91
	40	0.00	-14.14	3.47	0.00	0.60	-10.67	-10.07	-13.06	3.49	0.00	0.60	-9.57	-8.97
6855	37	0.00	-14.49	3.51	0.00	0.60	-10.98	-10.38	-13.67	3.53	0.00	0.60	-10.14	-9.54
	38	0.00	-14.47	3.51	0.00	0.60	-10.96	-10.36	-13.63	3.53	0.00	0.60	-10.10	-9.50
	40	0.00	-14.43	3.51	0.00	0.60	-10.92	-10.32	-13.76	3.53	0.00	0.60	-10.23	-9.63
6875	37	0.00	-14.67	3.52	0.00	0.60	-11.15	-10.55	-13.99	3.54	0.00	0.60	-10.45	-9.85
	38	0.00	-14.41	3.52	0.00	0.60	-10.89	-10.29	-13.84	3.54	0.00	0.60	-10.30	-9.70
	40	0.00	-14.57	3.52	0.00	0.60	-11.05	-10.45	-13.90	3.54	0.00	0.60	-10.36	-9.76
6895	37	0.00	-12.89	3.52	0.00	0.60	-9.37	-8.77	-13.26	3.54	0.00	0.60	-9.72	-9.12
	38	0.00	-12.87	3.52	0.00	0.60	-9.35	-8.75	-12.94	3.54	0.00	0.60	-9.40	-8.80
	40	0.00	-13.14	3.52	0.00	0.60	-9.62	-9.02	-13.09	3.54	0.00	0.60	-9.55	-8.95
6995	37	0.00	-13.39	3.55	0.00	0.60	-9.84	-9.24	-13.89	3.57	0.00	0.60	-10.32	-9.72
	38	0.00	-13.38	3.55	0.00	0.60	-9.83	-9.23	-13.78	3.57	0.00	0.60	-10.21	-9.61
	40	0.00	-13.71	3.55	0.00	0.60	-10.16	-9.56	-14.19	3.57	0.00	0.60	-10.62	-10.02
7095	37	0.00	-14.11	3.58	0.00	0.60	-10.53	-9.93	-13.83	3.60	0.00	0.60	-10.23	-9.63
	38	0.00	-13.96	3.58	0.00	0.60	-10.38	-9.78	-13.65	3.60	0.00	0.60	-10.05	-9.45
	40	0.00	-14.62	3.58	0.00	0.60	-11.04	-10.44	-14.33	3.60	0.00	0.60	-10.73	-10.13

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-20 (OFDMA) 106-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]				
5955	53	0.12	0.12	0.24	-6.20	-	-		0.17	0.18	0.35	-4.59	24.00	28.59	
	54	0.12	0.12	0.24	-6.28	-	-		0.17	0.17	0.34	-4.67	24.00	28.67	
6195	53	0.12	0.12	0.24	-6.22	-	-		0.17	0.17	0.35	-4.61	24.00	28.61	
	54	0.11	0.11	0.22	-6.55	-	-		0.16	0.16	0.32	-4.94	24.00	28.94	
6415	53	0.09	0.12	0.21	-6.70	-	-		0.13	0.18	0.31	-5.09	24.00	29.09	
	54	0.09	0.12	0.21	-6.84	-	-		0.12	0.18	0.30	-5.23	24.00	29.23	
6435	53	0.10	0.13	0.24	-6.28	-	-		0.15	0.19	0.34	-4.67	24.00	28.67	
	54	0.11	0.14	0.25	-6.11	-	-		0.16	0.20	0.36	-4.50	24.00	28.50	
6475	53	0.10	0.13	0.23	-6.44	-	-		0.14	0.18	0.33	-4.83	24.00	28.83	
	54	0.10	0.16	0.26	-5.86	-	-		0.14	0.24	0.38	-4.25	24.00	28.25	
6515	53	0.11	0.13	0.24	-6.15	-	-		0.16	0.19	0.35	-4.54	24.00	28.54	
	54	0.11	0.13	0.24	-6.23	-	-		0.16	0.18	0.34	-4.62	24.00	28.62	

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result		e.i.r.p. [dBm]
							Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]	
5955	53	0.00	-12.56	3.27	0.00	1.61	-9.29	-7.68	-12.43	3.29	0.00	1.61	-9.14	-7.53	
	54	0.00	-12.65	3.27	0.00	1.61	-9.38	-7.77	-12.50	3.29	0.00	1.61	-9.21	-7.60	
6195	53	0.00	-12.51	3.33	0.00	1.61	-9.18	-7.57	-12.63	3.35	0.00	1.61	-9.28	-7.67	
	54	0.00	-12.90	3.33	0.00	1.61	-9.57	-7.96	-12.91	3.35	0.00	1.61	-9.56	-7.95	
6415	53	0.00	-13.81	3.39	0.00	1.61	-10.42	-8.81	-12.51	3.41	0.00	1.61	-9.10	-7.49	
	54	0.00	-14.05	3.39	0.00	1.61	-10.66	-9.05	-12.57	3.41	0.00	1.61	-9.16	-7.55	
6435	53	0.00	-13.19	3.40	0.00	1.61	-9.79	-8.18	-12.26	3.42	0.00	1.61	-8.84	-7.23	
	54	0.00	-13.04	3.40	0.00	1.61	-9.64	-8.03	-12.07	3.42	0.00	1.61	-8.65	-7.04	
6475	53	0.00	-13.41	3.41	0.00	1.61	-10.00	-8.39	-12.40	3.43	0.00	1.61	-8.97	-7.36	
	54	0.00	-13.59	3.41	0.00	1.61	-10.18	-8.57	-11.30	3.43	0.00	1.61	-7.87	-6.26	
6515	53	0.00	-12.86	3.42	0.00	1.61	-9.44	-7.83	-12.34	3.44	0.00	1.61	-8.90	-7.29	
	54	0.00	-12.98	3.42	0.00	1.61	-9.56	-7.95	-12.39	3.44	0.00	1.61	-8.95	-7.34	

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

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-20 (OFDMA) 106-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6535	53	0.10	0.12	0.22	-6.60	-	-	0.12	0.13	0.25	-6.00	24.00	30.00
	54	0.11	0.11	0.22	-6.60	-	-	0.12	0.13	0.25	-6.00	24.00	30.00
6695	53	0.12	0.11	0.23	-6.37	-	-	0.13	0.13	0.26	-5.77	24.00	29.77
	54	0.09	0.11	0.20	-7.03	-	-	0.11	0.12	0.23	-6.43	24.00	30.43
6855	53	0.07	0.09	0.17	-7.71	-	-	0.09	0.11	0.19	-7.11	24.00	31.11
	54	0.08	0.09	0.17	-7.69	-	-	0.09	0.10	0.20	-7.09	24.00	31.09
6875	53	0.08	0.10	0.17	-7.65	-	-	0.09	0.11	0.20	-7.05	24.00	31.05
	54	0.07	0.10	0.17	-7.70	-	-	0.08	0.11	0.19	-7.10	24.00	31.10
6895	53	0.11	0.11	0.22	-6.55	-	-	0.13	0.13	0.25	-5.95	24.00	29.95
	54	0.12	0.10	0.22	-6.58	-	-	0.13	0.12	0.25	-5.98	24.00	29.98
6995	53	0.10	0.11	0.21	-6.81	-	-	0.12	0.12	0.24	-6.21	24.00	30.21
	54	0.10	0.11	0.20	-6.92	-	-	0.11	0.12	0.23	-6.32	24.00	30.32
7095	53	0.09	0.09	0.18	-7.45	-	-	0.10	0.11	0.21	-6.85	24.00	30.85
	54	0.08	0.09	0.17	-7.61	-	-	0.09	0.11	0.20	-7.01	24.00	31.01

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1				
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result [dBm]
6535	53	0.00	-13.33	3.42	0.00	0.60	-9.91	-12.77	3.44	0.00	0.60	-9.33
	54	0.00	-13.20	3.42	0.00	0.60	-9.78	-12.89	3.44	0.00	0.60	-9.45
6695	53	0.00	-12.78	3.47	0.00	0.60	-9.31	-12.95	3.49	0.00	0.60	-9.46
	54	0.00	-13.82	3.47	0.00	0.60	-10.35	-13.24	3.49	0.00	0.60	-9.75
6855	53	0.00	-14.77	3.51	0.00	0.60	-11.26	-13.77	3.53	0.00	0.60	-10.24
	54	0.00	-14.52	3.51	0.00	0.60	-11.01	-13.94	3.53	0.00	0.60	-10.41
6875	53	0.00	-14.74	3.52	0.00	0.60	-11.22	-13.70	3.54	0.00	0.60	-10.16
	54	0.00	-14.89	3.52	0.00	0.60	-11.37	-13.68	3.54	0.00	0.60	-10.14
6895	53	0.00	-13.05	3.52	0.00	0.60	-9.53	-13.13	3.54	0.00	0.60	-9.59
	54	0.00	-12.83	3.52	0.00	0.60	-9.31	-13.44	3.54	0.00	0.60	-9.90
6995	53	0.00	-13.46	3.55	0.00	0.60	-9.91	-13.30	3.57	0.00	0.60	-9.73
	54	0.00	-13.76	3.55	0.00	0.60	-10.21	-13.23	3.57	0.00	0.60	-9.66
7095	53	0.00	-14.18	3.58	0.00	0.60	-10.60	-13.92	3.60	0.00	0.60	-10.32
	54	0.00	-14.46	3.58	0.00	0.60	-10.88	-13.98	3.60	0.00	0.60	-10.38

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 19, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 106-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	53	0.10	0.11	0.21	-6.77	-	-	0.15	0.16	0.30	-5.16	24.00	29.16
	54	0.11	0.11	0.22	-6.51	-	-	0.16	0.17	0.32	-4.90	24.00	28.90
6195	53	0.11	0.11	0.22	-6.50	-	-	0.16	0.16	0.32	-4.89	24.00	28.89
	54	0.10	0.11	0.21	-6.74	-	-	0.15	0.15	0.31	-5.13	24.00	29.13
6415	53	0.09	0.12	0.20	-6.96	-	-	0.13	0.17	0.29	-5.35	24.00	29.35
	54	0.08	0.11	0.20	-7.09	-	-	0.12	0.17	0.28	-5.48	24.00	29.48
6435	53	0.10	0.13	0.23	-6.35	-	-	0.15	0.19	0.34	-4.74	24.00	28.74
	54	0.10	0.13	0.24	-6.26	-	-	0.15	0.19	0.34	-4.65	24.00	28.65
6475	53	0.10	0.14	0.25	-6.08	-	-	0.15	0.21	0.36	-4.47	24.00	28.47
	54	0.10	0.12	0.22	-6.50	-	-	0.15	0.18	0.32	-4.89	24.00	28.89
6515	53	0.11	0.13	0.24	-6.27	-	-	0.16	0.18	0.34	-4.66	24.00	28.66
	54	0.10	0.13	0.23	-6.36	-	-	0.15	0.18	0.33	-4.75	24.00	28.75

ANT0							ANT1							
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
							[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5955	53	0.00	-13.14	3.27	0.00	1.61	-9.87	-8.26	-12.99	3.29	0.00	1.61	-9.70	-8.09
	54	0.00	-12.90	3.27	0.00	1.61	-9.63	-8.02	-12.71	3.29	0.00	1.61	-9.42	-7.81
6195	53	0.00	-12.84	3.33	0.00	1.61	-9.51	-7.90	-12.87	3.35	0.00	1.61	-9.52	-7.91
	54	0.00	-13.12	3.33	0.00	1.61	-9.79	-8.18	-13.06	3.35	0.00	1.61	-9.71	-8.10
6415	53	0.00	-14.03	3.39	0.00	1.61	-10.64	-9.03	-12.80	3.41	0.00	1.61	-9.39	-7.78
	54	0.00	-14.32	3.39	0.00	1.61	-10.93	-9.32	-12.81	3.41	0.00	1.61	-9.40	-7.79
6435	53	0.00	-13.33	3.40	0.00	1.61	-9.93	-8.32	-12.27	3.42	0.00	1.61	-8.85	-7.24
	54	0.00	-13.29	3.40	0.00	1.61	-9.89	-8.28	-12.15	3.42	0.00	1.61	-8.73	-7.12
6475	53	0.00	-13.33	3.41	0.00	1.61	-9.92	-8.31	-11.82	3.43	0.00	1.61	-8.39	-6.78
	54	0.00	-13.31	3.41	0.00	1.61	-9.90	-8.29	-12.58	3.43	0.00	1.61	-9.15	-7.54
6515	53	0.00	-13.04	3.42	0.00	1.61	-9.62	-8.01	-12.41	3.44	0.00	1.61	-8.97	-7.36
	54	0.00	-13.21	3.42	0.00	1.61	-9.79	-8.18	-12.43	3.44	0.00	1.61	-8.99	-7.38

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 19, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 106-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6535	53	0.11	0.11	0.22	-6.66	-	-	0.12	0.12	0.25	-6.06	24.00	30.06
	54	0.11	0.11	0.22	-6.51	-	-	0.13	0.13	0.26	-5.91	24.00	29.91
6695	53	0.08	0.11	0.19	-7.25	-	-	0.10	0.12	0.22	-6.65	24.00	30.65
	54	0.09	0.12	0.20	-6.89	-	-	0.10	0.13	0.23	-6.29	24.00	30.29
6855	53	0.08	0.10	0.18	-7.52	-	-	0.09	0.11	0.20	-6.92	24.00	30.92
	54	0.08	0.11	0.20	-7.09	-	-	0.10	0.13	0.22	-6.49	24.00	30.49
6875	53	0.07	0.09	0.16	-7.88	-	-	0.08	0.11	0.19	-7.28	24.00	31.28
	54	0.07	0.09	0.16	-7.98	-	-	0.08	0.10	0.18	-7.38	24.00	31.38
6895	53	0.12	0.10	0.22	-6.59	-	-	0.14	0.12	0.25	-5.99	24.00	29.99
	54	0.12	0.11	0.23	-6.41	-	-	0.13	0.13	0.26	-5.81	24.00	29.81
6995	53	0.11	0.11	0.21	-6.72	-	-	0.12	0.12	0.24	-6.12	24.00	30.12
	54	0.10	0.10	0.20	-6.98	-	-	0.11	0.12	0.23	-6.38	24.00	30.38
7095	53	0.08	0.09	0.17	-7.64	-	-	0.09	0.10	0.20	-7.04	24.00	31.04
	54	0.08	0.09	0.16	-7.91	-	-	0.09	0.10	0.19	-7.31	24.00	31.31

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6535	53	0.00	-13.06	3.42	0.00	0.60	-9.64	-9.04	-13.15	3.44	0.00	0.60	-9.71	-9.11
	54	0.00	-12.83	3.42	0.00	0.60	-9.41	-8.81	-13.07	3.44	0.00	0.60	-9.63	-9.03
6695	53	0.00	-14.26	3.47	0.00	0.60	-10.79	-10.19	-13.27	3.49	0.00	0.60	-9.78	-9.18
	54	0.00	-14.04	3.47	0.00	0.60	-10.57	-9.97	-12.81	3.49	0.00	0.60	-9.32	-8.72
6855	53	0.00	-14.64	3.51	0.00	0.60	-11.13	-10.53	-13.54	3.53	0.00	0.60	-10.01	-9.41
	54	0.00	-14.23	3.51	0.00	0.60	-10.72	-10.12	-13.08	3.53	0.00	0.60	-9.55	-8.95
6875	53	0.00	-14.99	3.52	0.00	0.60	-11.47	-10.87	-13.92	3.54	0.00	0.60	-10.38	-9.78
	54	0.00	-15.20	3.52	0.00	0.60	-11.68	-11.08	-13.93	3.54	0.00	0.60	-10.39	-9.79
6895	53	0.00	-12.78	3.52	0.00	0.60	-9.26	-8.66	-13.50	3.54	0.00	0.60	-9.96	-9.36
	54	0.00	-12.89	3.52	0.00	0.60	-9.37	-8.77	-13.01	3.54	0.00	0.60	-9.47	-8.87
6995	53	0.00	-13.32	3.55	0.00	0.60	-9.77	-9.17	-13.26	3.57	0.00	0.60	-9.69	-9.09
	54	0.00	-13.63	3.55	0.00	0.60	-10.08	-9.48	-13.47	3.57	0.00	0.60	-9.90	-9.30
7095	53	0.00	-14.48	3.58	0.00	0.60	-10.90	-10.30	-14.02	3.60	0.00	0.60	-10.42	-9.82
	54	0.00	-14.73	3.58	0.00	0.60	-11.15	-10.55	-14.30	3.60	0.00	0.60	-10.70	-10.10

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-20 (OFDMA) 242-tone RU (SDM) pre-correction

ANT0 + ANT1 242-toneRU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	0.12	0.12	0.23	-6.33	-	-	0.17	0.17	0.34	-4.72	24.00	28.72
6195	0.12	0.11	0.23	-6.29	-	-	0.18	0.16	0.34	-4.68	24.00	28.68
6415	0.09	0.12	0.21	-6.70	-	-	0.14	0.17	0.31	-5.09	24.00	29.09
6435	0.11	0.13	0.24	-6.15	-	-	0.16	0.20	0.35	-4.54	24.00	28.54
6475	0.10	0.12	0.22	-6.58	-	-	0.14	0.18	0.32	-4.97	24.00	28.97
6515	0.11	0.13	0.24	-6.25	-	-	0.16	0.18	0.34	-4.64	24.00	28.64
6535	0.10	0.11	0.21	-6.74	-	-	0.12	0.12	0.24	-6.14	24.00	30.14
6695	0.09	0.11	0.21	-6.80	-	-	0.11	0.13	0.24	-6.20	24.00	30.20
6855	0.08	0.09	0.17	-7.79	-	-	0.09	0.10	0.19	-7.19	24.00	31.19
6875	0.08	0.09	0.17	-7.61	-	-	0.09	0.11	0.20	-7.01	24.00	31.01
6895	0.11	0.10	0.22	-6.63	-	-	0.13	0.12	0.25	-6.03	24.00	30.03
6995	0.10	0.10	0.20	-7.07	-	-	0.11	0.11	0.23	-6.47	24.00	30.47
7095	0.08	0.09	0.17	-7.61	-	-	0.09	0.10	0.20	-7.01	24.00	31.01

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna 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]
5955	0.00	-12.66	3.27	0.00	1.61	-9.39	-7.78	-12.58	3.29	0.00	1.61	-9.29	-7.68
6195	0.00	-12.50	3.33	0.00	1.61	-9.17	-7.56	-12.79	3.35	0.00	1.61	-9.44	-7.83
6415	0.00	-13.65	3.39	0.00	1.61	-10.26	-8.65	-12.63	3.41	0.00	1.61	-9.22	-7.61
6435	0.00	-13.07	3.40	0.00	1.61	-9.67	-8.06	-12.12	3.42	0.00	1.61	-8.70	-7.09
6475	0.00	-13.53	3.41	0.00	1.61	-10.12	-8.51	-12.55	3.43	0.00	1.61	-9.12	-7.51
6515	0.00	-12.94	3.42	0.00	1.61	-9.52	-7.91	-12.45	3.44	0.00	1.61	-9.01	-7.40
6535	0.00	-13.25	3.42	0.00	0.60	-9.83	-9.23	-13.11	3.44	0.00	0.60	-9.67	-9.07
6695	0.00	-13.73	3.47	0.00	0.60	-10.26	-9.66	-12.90	3.49	0.00	0.60	-9.41	-8.81
6855	0.00	-14.71	3.51	0.00	0.60	-11.20	-10.60	-13.96	3.53	0.00	0.60	-10.43	-9.83
6875	0.00	-14.54	3.52	0.00	0.60	-11.02	-10.42	-13.80	3.54	0.00	0.60	-10.26	-9.66
6895	0.00	-12.98	3.52	0.00	0.60	-9.46	-8.86	-13.36	3.54	0.00	0.60	-9.82	-9.22
6995	0.00	-13.68	3.55	0.00	0.60	-10.13	-9.53	-13.60	3.57	0.00	0.60	-10.03	-9.43
7095	0.00	-14.44	3.58	0.00	0.60	-10.86	-10.26	-13.99	3.60	0.00	0.60	-10.39	-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 + Antenna Gain

* The Duty Factor is 0 dB, 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 19, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-20 (OFDMA) 242-tone RU (CDD) pre-correction

ANT0 + ANT1 242-toneRU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5955	0.11	0.11	0.22	-6.54	-	-	0.16	0.16	0.32	-4.93	24.00	28.93
6195	0.11	0.11	0.23	-6.43	-	-	0.16	0.17	0.33	-4.82	24.00	28.82
6415	0.08	0.12	0.21	-6.87	-	-	0.12	0.18	0.30	-5.26	24.00	29.26
6435	0.10	0.13	0.23	-6.29	-	-	0.15	0.19	0.34	-4.68	24.00	28.68
6475	0.10	0.12	0.23	-6.46	-	-	0.15	0.18	0.33	-4.85	24.00	28.85
6515	0.11	0.12	0.23	-6.30	-	-	0.16	0.18	0.34	-4.69	24.00	28.69
6535	0.11	0.11	0.22	-6.55	-	-	0.13	0.13	0.25	-5.95	24.00	29.95
6695	0.08	0.11	0.19	-7.11	-	-	0.10	0.13	0.22	-6.51	24.00	30.51
6855	0.08	0.10	0.17	-7.64	-	-	0.09	0.11	0.20	-7.04	24.00	31.04
6875	0.08	0.09	0.17	-7.72	-	-	0.09	0.11	0.19	-7.12	24.00	31.12
6895	0.12	0.10	0.22	-6.55	-	-	0.13	0.12	0.25	-5.95	24.00	29.95
6995	0.10	0.11	0.21	-6.86	-	-	0.11	0.12	0.24	-6.26	24.00	30.26
7095	0.08	0.09	0.17	-7.68	-	-	0.09	0.10	0.20	-7.08	24.00	31.08

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5955	0.00	-12.93	3.27	0.00	1.61	-9.66	-8.05	-12.73	3.29	0.00	1.61	-9.44	-7.83
6195	0.00	-12.79	3.33	0.00	1.61	-9.46	-7.85	-12.78	3.35	0.00	1.61	-9.43	-7.82
6415	0.00	-14.14	3.39	0.00	1.61	-10.75	-9.14	-12.56	3.41	0.00	1.61	-9.15	-7.54
6435	0.00	-13.24	3.40	0.00	1.61	-9.84	-8.23	-12.24	3.42	0.00	1.61	-8.82	-7.21
6475	0.00	-13.28	3.41	0.00	1.61	-9.87	-8.26	-12.53	3.43	0.00	1.61	-9.10	-7.49
6515	0.00	-12.94	3.42	0.00	1.61	-9.52	-7.91	-12.55	3.44	0.00	1.61	-9.11	-7.50
6535	0.00	-13.00	3.42	0.00	0.60	-9.58	-8.98	-12.98	3.44	0.00	0.60	-9.54	-8.94
6695	0.00	-14.18	3.47	0.00	0.60	-10.71	-10.11	-13.10	3.49	0.00	0.60	-9.61	-9.01
6855	0.00	-14.70	3.51	0.00	0.60	-11.19	-10.59	-13.70	3.53	0.00	0.60	-10.17	-9.57
6875	0.00	-14.76	3.52	0.00	0.60	-11.24	-10.64	-13.81	3.54	0.00	0.60	-10.27	-9.67
6895	0.00	-12.84	3.52	0.00	0.60	-9.32	-8.72	-13.35	3.54	0.00	0.60	-9.81	-9.21
6995	0.00	-13.58	3.55	0.00	0.60	-10.03	-9.43	-13.28	3.57	0.00	0.60	-9.71	-9.11
7095	0.00	-14.41	3.58	0.00	0.60	-10.83	-10.23	-14.15	3.60	0.00	0.60	-10.55	-9.95

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 10, 2023
Temperature / Humidity 27 deg. C / 40 % RH 26 deg. C / 48 % RH
Engineer Kouki Yamada Miku Ikudome
Mode Tx 11ax-40 (OFDM) (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5965	5.58	5.97	11.56	10.63	-	-	8.09	8.65	16.74	12.24	24.00	11.76
6205	5.70	6.07	11.77	10.71	-	-	8.26	8.79	17.05	12.32	24.00	11.68
6405	5.71	6.08	11.80	10.72	-	-	8.28	8.81	17.09	12.33	24.00	11.67
6445	5.77	6.18	11.95	10.77	-	-	8.36	8.95	17.31	12.38	24.00	11.62
6485	5.75	6.10	11.85	10.74	-	-	8.34	8.83	17.17	12.35	24.00	11.65
6525	5.68	6.15	11.83	10.73	-	-	8.22	8.91	17.13	12.34	24.00	11.66
6565	4.90	5.53	10.43	10.18	-	-	5.62	6.35	11.98	10.78	24.00	13.22
6685	4.80	5.36	10.16	10.07	-	-	5.51	6.15	11.66	10.67	24.00	13.33
6845	4.75	4.79	9.54	9.80	-	-	5.46	5.50	10.95	10.40	24.00	13.60
6885	4.99	4.50	9.49	9.77	-	-	5.73	5.16	10.89	10.37	24.00	13.63
6925	4.94	4.62	9.57	9.81	-	-	5.68	5.31	10.98	10.41	24.00	13.59
7005	4.50	4.32	8.81	9.45	-	-	5.16	4.95	10.12	10.05	24.00	13.95
7085	4.34	4.30	8.63	9.36	-	-	4.98	4.93	9.91	9.96	24.00	14.04

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna 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]
5965	0.00	-5.78	3.27	9.98	1.61	7.47	9.08	-5.63	3.29	10.10	1.61	7.76	9.37
6205	0.00	-5.76	3.34	9.98	1.61	7.56	9.17	-5.63	3.36	10.10	1.61	7.83	9.44
6405	0.00	-5.81	3.39	9.99	1.61	7.57	9.18	-5.68	3.41	10.11	1.61	7.84	9.45
6445	0.00	-5.78	3.40	9.99	1.61	7.61	9.22	-5.62	3.42	10.11	1.61	7.91	9.52
6485	0.00	-5.80	3.41	9.99	1.61	7.60	9.21	-5.69	3.43	10.11	1.61	7.85	9.46
6525	0.00	-5.87	3.42	9.99	1.61	7.54	9.15	-5.66	3.44	10.11	1.61	7.89	9.50
6565	0.00	-6.52	3.43	9.99	0.60	6.90	7.50	-6.13	3.45	10.11	0.60	7.43	8.03
6685	0.00	-6.65	3.47	9.99	0.60	6.81	7.41	-6.32	3.49	10.12	0.60	7.29	7.89
6845	0.00	-6.73	3.51	9.99	0.60	6.77	7.37	-6.85	3.53	10.12	0.60	6.80	7.40
6885	0.00	-6.53	3.52	9.99	0.60	6.98	7.58	-7.13	3.54	10.12	0.60	6.53	7.13
6925	0.00	-6.58	3.53	9.99	0.60	6.94	7.54	-7.02	3.55	10.12	0.60	6.65	7.25
7005	0.00	-7.02	3.56	9.99	0.60	6.53	7.13	-7.35	3.58	10.12	0.60	6.35	6.95
7085	0.00	-7.20	3.58	9.99	0.60	6.37	6.97	-7.39	3.60	10.12	0.60	6.33	6.93

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

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 25 deg. C / 37 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-40 (OFDM) (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5965	2.38	2.65	5.03	7.02	-	-	3.44	3.85	7.29	8.63	24.00	15.37
6205	2.10	2.66	4.76	6.78	-	-	3.04	3.85	6.90	8.39	24.00	15.61
6405	1.96	2.59	4.55	6.58	-	-	2.84	3.75	6.59	8.19	24.00	15.81
6445	1.90	2.75	4.64	6.67	-	-	2.75	3.98	6.73	8.28	24.00	15.72
6485	1.84	2.83	4.67	6.70	-	-	2.67	4.10	6.77	8.31	24.00	15.69
6525	2.18	2.27	4.45	6.49	-	-	3.16	3.29	6.45	8.10	24.00	15.90
6565	2.22	2.36	4.58	6.61	-	-	2.55	2.71	5.26	7.21	24.00	16.79
6685	2.12	2.37	4.48	6.52	-	-	2.43	2.72	5.15	7.12	24.00	16.88
6845	2.09	1.95	4.04	6.07	-	-	2.40	2.24	4.64	6.67	24.00	17.33
6885	2.20	2.04	4.23	6.27	-	-	2.52	2.34	4.86	6.87	24.00	17.13
6925	2.15	2.03	4.19	6.22	-	-	2.47	2.33	4.81	6.82	24.00	17.18
7005	2.16	2.04	4.19	6.23	-	-	2.48	2.34	4.82	6.83	24.00	17.17
7085	2.04	2.08	4.13	6.16	-	-	2.34	2.39	4.74	6.76	24.00	17.24

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5965	0.00	-9.49	3.27	9.98	1.61	3.76	5.37	-9.15	3.29	10.10	1.61	4.24	5.85
6205	0.00	-10.10	3.34	9.98	1.61	3.22	4.83	-9.21	3.36	10.10	1.61	4.25	5.86
6405	0.00	-10.45	3.39	9.99	1.61	2.93	4.54	-9.39	3.41	10.11	1.61	4.13	5.74
6445	0.00	-10.61	3.40	9.99	1.61	2.78	4.39	-9.14	3.42	10.11	1.61	4.39	6.00
6485	0.00	-10.75	3.41	9.99	1.61	2.65	4.26	-9.02	3.43	10.11	1.61	4.52	6.13
6525	0.00	-10.02	3.42	9.99	1.61	3.39	5.00	-9.99	3.44	10.11	1.61	3.56	5.17
6565	0.00	-9.96	3.43	9.99	0.60	3.46	4.06	-9.83	3.45	10.11	0.60	3.73	4.33
6685	0.00	-10.20	3.47	9.99	0.60	3.26	3.86	-9.87	3.49	10.12	0.60	3.74	4.34
6845	0.00	-10.29	3.51	9.99	0.60	3.21	3.81	-10.75	3.53	10.12	0.60	2.90	3.50
6885	0.00	-10.09	3.52	9.99	0.60	3.42	4.02	-10.57	3.54	10.12	0.60	3.09	3.69
6925	0.00	-10.19	3.53	9.99	0.60	3.33	3.93	-10.59	3.55	10.12	0.60	3.08	3.68
7005	0.00	-10.21	3.56	9.99	0.60	3.34	3.94	-10.61	3.58	10.12	0.60	3.09	3.69
7085	0.00	-10.47	3.58	9.99	0.60	3.10	3.70	-10.53	3.60	10.12	0.60	3.19	3.79

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room
Date October 16, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 26-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	0	0.17	0.21	0.38	-4.20	-	-	0.25	0.30	0.55	-2.59	24.00	26.59
	8	0.29	0.30	0.58	-2.34	-	-	0.41	0.43	0.84	-0.73	24.00	24.73
	17	0.18	0.19	0.38	-4.25	-	-	0.27	0.28	0.54	-2.64	24.00	26.64
6205	0	0.18	0.21	0.39	-4.14	-	-	0.26	0.30	0.56	-2.53	24.00	26.53
	8	0.26	0.30	0.56	-2.53	-	-	0.37	0.44	0.81	-0.92	24.00	24.92
	17	0.19	0.21	0.40	-3.98	-	-	0.28	0.30	0.58	-2.37	24.00	26.37
6405	0	0.19	0.22	0.41	-3.83	-	-	0.28	0.32	0.60	-2.22	24.00	26.22
	8	0.28	0.32	0.60	-2.21	-	-	0.41	0.46	0.87	-0.60	24.00	24.60
	17	0.17	0.20	0.37	-4.26	-	-	0.25	0.29	0.54	-2.65	24.00	26.65
6445	0	0.19	0.22	0.41	-3.89	-	-	0.28	0.32	0.59	-2.28	24.00	26.28
	8	0.26	0.29	0.55	-2.61	-	-	0.38	0.42	0.79	-1.00	24.00	25.00
	17	0.17	0.19	0.36	-4.43	-	-	0.24	0.28	0.52	-2.82	24.00	26.82
6485	0	0.18	0.22	0.40	-4.01	-	-	0.26	0.31	0.58	-2.40	24.00	26.40
	8	0.26	0.31	0.57	-2.41	-	-	0.38	0.45	0.83	-0.80	24.00	24.80
	17	0.17	0.19	0.36	-4.39	-	-	0.24	0.28	0.53	-2.78	24.00	26.78
6525	0	0.19	0.22	0.40	-3.96	-	-	0.27	0.31	0.58	-2.35	24.00	26.35
	8	0.26	0.31	0.57	-2.40	-	-	0.38	0.46	0.83	-0.79	24.00	24.79
	17	0.19	0.20	0.40	-4.01	-	-	0.28	0.29	0.57	-2.40	24.00	26.40

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
5965	0	0.00	-10.86	3.27	0.00	1.61	-7.59	-5.98	-10.16	3.29	0.00	1.61	-6.87	-5.26
	8	0.00	-8.72	3.27	0.00	1.61	-5.45	-3.84	-8.55	3.29	0.00	1.61	-5.26	-3.65
	17	0.00	-10.62	3.27	0.00	1.61	-7.35	-5.74	-10.47	3.29	0.00	1.61	-7.18	-5.57
6205	0	0.00	-10.83	3.34	0.00	1.61	-7.49	-5.88	-10.19	3.36	0.00	1.61	-6.83	-5.22
	8	0.00	-9.25	3.34	0.00	1.61	-5.91	-4.30	-8.56	3.36	0.00	1.61	-5.20	-3.59
	17	0.00	-10.46	3.34	0.00	1.61	-7.12	-5.51	-10.22	3.36	0.00	1.61	-6.86	-5.25
6405	0	0.00	-10.50	3.39	0.00	1.61	-7.11	-5.50	-10.00	3.41	0.00	1.61	-6.59	-4.98
	8	0.00	-8.91	3.39	0.00	1.61	-5.52	-3.91	-8.35	3.41	0.00	1.61	-4.94	-3.33
	17	0.00	-11.02	3.39	0.00	1.61	-7.63	-6.02	-10.35	3.41	0.00	1.61	-6.94	-5.33
6445	0	0.00	-10.60	3.40	0.00	1.61	-7.20	-5.59	-10.04	3.42	0.00	1.61	-6.62	-5.01
	8	0.00	-9.26	3.40	0.00	1.61	-5.86	-4.25	-8.81	3.42	0.00	1.61	-5.39	-3.78
	17	0.00	-11.18	3.40	0.00	1.61	-7.78	-6.17	-10.54	3.42	0.00	1.61	-7.12	-5.51
6485	0	0.00	-10.84	3.41	0.00	1.61	-7.43	-5.82	-10.08	3.43	0.00	1.61	-6.65	-5.04
	8	0.00	-9.18	3.41	0.00	1.61	-5.77	-4.16	-8.52	3.43	0.00	1.61	-5.09	-3.48
	17	0.00	-11.13	3.41	0.00	1.61	-7.72	-6.11	-10.53	3.43	0.00	1.61	-7.10	-5.49
6525	0	0.00	-10.73	3.42	0.00	1.61	-7.31	-5.70	-10.10	3.44	0.00	1.61	-6.66	-5.05
	8	0.00	-9.27	3.42	0.00	1.61	-5.85	-4.24	-8.46	3.44	0.00	1.61	-5.02	-3.41
	17	0.00	-10.55	3.42	0.00	1.61	-7.13	-5.52	-10.36	3.44	0.00	1.61	-6.92	-5.31

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

* The Duty Factor is 0 dB, 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 October 10, 2023
Temperature / Humidity 26 deg. C / 48 % RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 26-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	0	0.18	0.20	0.39	-4.13	-	-	0.21	0.23	0.44	-3.53	24.00	27.53
	8	0.25	0.28	0.53	-2.76	-	-	0.29	0.32	0.61	-2.16	24.00	26.16
	17	0.18	0.21	0.39	-4.10	-	-	0.21	0.24	0.45	-3.50	24.00	27.50
6685	0	0.19	0.21	0.40	-4.00	-	-	0.21	0.24	0.46	-3.40	24.00	27.40
	8	0.25	0.28	0.53	-2.76	-	-	0.29	0.32	0.61	-2.16	24.00	26.16
	17	0.18	0.20	0.38	-4.16	-	-	0.21	0.23	0.44	-3.56	24.00	27.56
6845	0	0.17	0.19	0.35	-4.52	-	-	0.19	0.21	0.41	-3.92	24.00	27.92
	8	0.23	0.26	0.48	-3.14	-	-	0.26	0.30	0.56	-2.54	24.00	26.54
	17	0.16	0.19	0.35	-4.57	-	-	0.18	0.22	0.40	-3.97	24.00	27.97
6885	0	0.22	0.20	0.42	-3.77	-	-	0.25	0.23	0.48	-3.17	24.00	27.17
	8	0.23	0.25	0.48	-3.19	-	-	0.26	0.29	0.55	-2.59	24.00	26.59
	17	0.16	0.19	0.35	-4.56	-	-	0.18	0.22	0.40	-3.96	24.00	27.96
6925	0	0.23	0.22	0.45	-3.44	-	-	0.27	0.25	0.52	-2.84	24.00	26.84
	8	0.26	0.25	0.51	-2.91	-	-	0.30	0.29	0.59	-2.31	24.00	26.31
	17	0.21	0.21	0.42	-3.80	-	-	0.24	0.24	0.48	-3.20	24.00	27.20
7005	0	0.19	0.19	0.38	-4.18	-	-	0.22	0.22	0.44	-3.58	24.00	27.58
	8	0.29	0.28	0.57	-2.45	-	-	0.33	0.32	0.65	-1.85	24.00	25.85
	17	0.20	0.23	0.43	-3.65	-	-	0.23	0.26	0.50	-3.05	24.00	27.05
7085	0	0.21	0.20	0.41	-3.86	-	-	0.24	0.23	0.47	-3.26	24.00	27.26
	8	0.28	0.26	0.54	-2.70	-	-	0.32	0.30	0.62	-2.10	24.00	26.10
	17	0.21	0.21	0.42	-3.77	-	-	0.24	0.24	0.48	-3.17	24.00	27.17

		ANT0							ANT1						
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	
6565	0	0.00	-10.80	3.43	0.00	0.60	-7.37	-6.77	-10.38	3.45	0.00	0.60	-6.93	-6.33	
	8	0.00	-9.44	3.43	0.00	0.60	-6.01	-5.41	-9.00	3.45	0.00	0.60	-5.55	-4.95	
	17	0.00	-10.82	3.43	0.00	0.60	-7.39	-6.79	-10.29	3.45	0.00	0.60	-6.84	-6.24	
6685	0	0.00	-10.77	3.47	0.00	0.60	-7.30	-6.70	-10.23	3.49	0.00	0.60	-6.74	-6.14	
	8	0.00	-9.45	3.47	0.00	0.60	-5.98	-5.38	-9.06	3.49	0.00	0.60	-5.57	-4.97	
	17	0.00	-10.93	3.47	0.00	0.60	-7.46	-6.86	-10.38	3.49	0.00	0.60	-6.89	-6.29	
6845	0	0.00	-11.28	3.51	0.00	0.60	-7.77	-7.17	-10.84	3.53	0.00	0.60	-7.31	-6.71	
	8	0.00	-9.98	3.51	0.00	0.60	-6.47	-5.87	-9.39	3.53	0.00	0.60	-5.86	-5.26	
	17	0.00	-11.53	3.51	0.00	0.60	-8.02	-7.42	-10.71	3.53	0.00	0.60	-7.18	-6.58	
6885	0	0.00	-10.13	3.52	0.00	0.60	-6.61	-6.01	-10.50	3.54	0.00	0.60	-6.96	-6.36	
	8	0.00	-9.98	3.52	0.00	0.60	-6.46	-5.86	-9.49	3.54	0.00	0.60	-5.95	-5.35	
	17	0.00	-11.58	3.52	0.00	0.60	-8.06	-7.46	-10.67	3.54	0.00	0.60	-7.13	-6.53	
6925	0	0.00	-9.83	3.53	0.00	0.60	-6.30	-5.70	-10.15	3.55	0.00	0.60	-6.60	-6.00	
	8	0.00	-9.37	3.53	0.00	0.60	-5.84	-5.24	-9.55	3.55	0.00	0.60	-6.00	-5.40	
	17	0.00	-10.29	3.53	0.00	0.60	-6.76	-6.16	-10.41	3.55	0.00	0.60	-6.86	-6.26	
7005	0	0.00	-10.73	3.56	0.00	0.60	-7.17	-6.57	-10.79	3.58	0.00	0.60	-7.21	-6.61	
	8	0.00	-8.91	3.56	0.00	0.60	-5.35	-4.75	-9.15	3.58	0.00	0.60	-5.57	-4.97	
	17	0.00	-10.51	3.56	0.00	0.60	-6.95	-6.35	-9.96	3.58	0.00	0.60	-6.38	-5.78	
7085	0	0.00	-10.40	3.58	0.00	0.60	-6.82	-6.22	-10.53	3.60	0.00	0.60	-6.93	-6.33	
	8	0.00	-9.14	3.58	0.00	0.60	-5.56	-4.96	-9.46	3.60	0.00	0.60	-5.86	-5.26	
	17	0.00	-10.37	3.58	0.00	0.60	-6.79	-6.19	-10.37	3.60	0.00	0.60	-6.77	-6.17	

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

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 22 deg. C / 35 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-40 (OFDMA) 26-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]				
5965	0	0.09	0.11	0.19	-7.12	-	-		0.13	0.16	0.28	-5.51	24.00	29.51	
	8	0.12	0.15	0.27	-5.67	-	-		0.18	0.21	0.39	-4.06	24.00	28.06	
	17	0.09	0.10	0.19	-7.11	-	-		0.13	0.15	0.28	-5.50	24.00	29.50	
6205	0	0.09	0.10	0.19	-7.17	-	-		0.13	0.15	0.28	-5.56	24.00	29.56	
	8	0.12	0.13	0.25	-6.02	-	-		0.18	0.18	0.36	-4.41	24.00	28.41	
	17	0.09	0.09	0.18	-7.56	-	-		0.12	0.13	0.25	-5.95	24.00	29.95	
6405	0	0.08	0.08	0.17	-7.76	-	-		0.12	0.12	0.24	-6.15	24.00	30.15	
	8	0.12	0.12	0.24	-6.22	-	-		0.17	0.17	0.35	-4.61	24.00	28.61	
	17	0.08	0.08	0.16	-8.01	-	-		0.11	0.12	0.23	-6.40	24.00	30.40	
6445	0	0.08	0.11	0.20	-7.05	-	-		0.12	0.16	0.29	-5.44	24.00	29.44	
	8	0.12	0.15	0.27	-5.65	-	-		0.17	0.22	0.39	-4.04	24.00	28.04	
	17	0.09	0.12	0.21	-6.85	-	-		0.13	0.17	0.30	-5.24	24.00	29.24	
6485	0	0.08	0.11	0.19	-7.25	-	-		0.12	0.16	0.27	-5.64	24.00	29.64	
	8	0.11	0.14	0.25	-5.97	-	-		0.16	0.20	0.37	-4.36	24.00	28.36	
	17	0.08	0.10	0.19	-7.33	-	-		0.12	0.15	0.27	-5.72	24.00	29.72	
6525	0	0.08	0.13	0.21	-6.72	-	-		0.12	0.19	0.31	-5.11	24.00	29.11	
	8	0.12	0.16	0.28	-5.56	-	-		0.17	0.23	0.40	-3.95	24.00	27.95	
	17	0.08	0.12	0.20	-7.01	-	-		0.12	0.17	0.29	-5.40	24.00	29.40	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5965	0	0.00	-13.91	3.27	0.00	1.61	-10.64	-9.03	-12.96	3.29	0.00	1.61	-9.67	-8.06
	8	0.00	-12.33	3.27	0.00	1.61	-9.06	-7.45	-11.62	3.29	0.00	1.61	-8.33	-6.72
	17	0.00	-13.63	3.27	0.00	1.61	-10.36	-8.75	-13.19	3.29	0.00	1.61	-9.90	-8.29
6205	0	0.00	-13.71	3.34	0.00	1.61	-10.37	-8.76	-13.35	3.36	0.00	1.61	-9.99	-8.38
	8	0.00	-12.42	3.34	0.00	1.61	-9.08	-7.47	-12.34	3.36	0.00	1.61	-8.98	-7.37
	17	0.00	-13.99	3.34	0.00	1.61	-10.65	-9.04	-13.86	3.36	0.00	1.61	-10.50	-8.89
6405	0	0.00	-14.22	3.39	0.00	1.61	-10.83	-9.22	-14.13	3.41	0.00	1.61	-10.72	-9.11
	8	0.00	-12.61	3.39	0.00	1.61	-9.22	-7.61	-12.66	3.41	0.00	1.61	-9.25	-7.64
	17	0.00	-14.52	3.39	0.00	1.61	-11.13	-9.52	-14.33	3.41	0.00	1.61	-10.92	-9.31
6445	0	0.00	-14.11	3.40	0.00	1.61	-10.71	-9.10	-12.91	3.42	0.00	1.61	-9.49	-7.88
	8	0.00	-12.68	3.40	0.00	1.61	-9.28	-7.67	-11.54	3.42	0.00	1.61	-8.12	-6.51
	17	0.00	-14.02	3.40	0.00	1.61	-10.62	-9.01	-12.63	3.42	0.00	1.61	-9.21	-7.60
6485	0	0.00	-14.35	3.41	0.00	1.61	-10.94	-9.33	-13.11	3.43	0.00	1.61	-9.68	-8.07
	8	0.00	-12.91	3.41	0.00	1.61	-9.50	-7.89	-11.94	3.43	0.00	1.61	-8.51	-6.90
	17	0.00	-14.26	3.41	0.00	1.61	-10.85	-9.24	-13.31	3.43	0.00	1.61	-9.88	-8.27
6525	0	0.00	-14.20	3.42	0.00	1.61	-10.78	-9.17	-12.33	3.44	0.00	1.61	-8.89	-7.28
	8	0.00	-12.76	3.42	0.00	1.61	-9.34	-7.73	-11.35	3.44	0.00	1.61	-7.91	-6.30
	17	0.00	-14.18	3.42	0.00	1.61	-10.76	-9.15	-12.82	3.44	0.00	1.61	-9.38	-7.77

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 22 deg. C / 35 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-40 (OFDMA) 26-tone RU (CDD)

ANT0 + ANT1

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	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]				
[MHz]					[dBm]	[dBm]	[dB]				[dBm]	[dBm]	[dB]	
6565	0	0.10	0.11	0.20	-6.90	-	-	0.11	0.12	0.23	-6.30	24.00	30.30	
	8	0.13	0.14	0.28	-5.55	-	-	0.15	0.17	0.32	-4.95	24.00	28.95	
	17	0.09	0.10	0.19	-7.21	-	-	0.10	0.12	0.22	-6.61	24.00	30.61	
6685	0	0.10	0.11	0.20	-6.92	-	-	0.11	0.12	0.23	-6.32	24.00	30.32	
	8	0.13	0.14	0.27	-5.66	-	-	0.15	0.16	0.31	-5.06	24.00	29.06	
	17	0.10	0.11	0.21	-6.84	-	-	0.12	0.12	0.24	-6.24	24.00	30.24	
6845	0	0.08	0.09	0.17	-7.65	-	-	0.09	0.10	0.20	-7.05	24.00	31.05	
	8	0.11	0.14	0.24	-6.14	-	-	0.12	0.16	0.28	-5.54	24.00	29.54	
	17	0.08	0.10	0.17	-7.59	-	-	0.09	0.11	0.20	-6.99	24.00	30.99	
6885	0	0.10	0.10	0.21	-6.85	-	-	0.12	0.12	0.24	-6.25	24.00	30.25	
	8	0.14	0.14	0.28	-5.60	-	-	0.16	0.16	0.32	-5.00	24.00	29.00	
	17	0.10	0.09	0.20	-7.07	-	-	0.12	0.11	0.23	-6.47	24.00	30.47	
6925	0	0.10	0.09	0.19	-7.17	-	-	0.12	0.10	0.22	-6.57	24.00	30.57	
	8	0.13	0.12	0.25	-6.00	-	-	0.15	0.14	0.29	-5.40	24.00	29.40	
	17	0.09	0.09	0.18	-7.42	-	-	0.11	0.10	0.21	-6.82	24.00	30.82	
7005	0	0.10	0.08	0.19	-7.26	-	-	0.12	0.10	0.22	-6.66	24.00	30.66	
	8	0.13	0.11	0.24	-6.12	-	-	0.15	0.13	0.28	-5.52	24.00	29.52	
	17	0.10	0.10	0.20	-7.03	-	-	0.12	0.11	0.23	-6.43	24.00	30.43	
7085	0	0.11	0.08	0.18	-7.36	-	-	0.12	0.09	0.21	-6.76	24.00	30.76	
	8	0.14	0.12	0.26	-5.89	-	-	0.16	0.14	0.30	-5.29	24.00	29.29	
	17	0.09	0.09	0.18	-7.33	-	-	0.11	0.11	0.21	-6.73	24.00	30.73	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0							ANT1						
			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]	
6565	0	0.00	-13.47	3.43	0.00	0.60	-10.04	-9.44		-13.23	3.45	0.00	0.60	-9.78	-9.18	
	8	0.00	-12.16	3.43	0.00	0.60	-8.73	-8.13		-11.85	3.45	0.00	0.60	-8.40	-7.80	
	17	0.00	-13.94	3.43	0.00	0.60	-10.51	-9.91		-13.39	3.45	0.00	0.60	-9.94	-9.34	
6685	0	0.00	-13.59	3.47	0.00	0.60	-10.12	-9.52		-13.24	3.49	0.00	0.60	-9.75	-9.15	
	8	0.00	-12.22	3.47	0.00	0.60	-8.75	-8.15		-12.09	3.49	0.00	0.60	-8.60	-8.00	
	17	0.00	-13.43	3.47	0.00	0.60	-9.96	-9.36		-13.24	3.49	0.00	0.60	-9.75	-9.15	
6845	0	0.00	-14.43	3.51	0.00	0.60	-10.92	-10.32		-13.94	3.53	0.00	0.60	-10.41	-9.81	
	8	0.00	-13.18	3.51	0.00	0.60	-9.67	-9.07		-12.21	3.53	0.00	0.60	-8.68	-8.08	
	17	0.00	-14.66	3.51	0.00	0.60	-11.15	-10.55		-13.65	3.53	0.00	0.60	-10.12	-9.52	
6885	0	0.00	-13.32	3.52	0.00	0.60	-9.80	-9.20		-13.47	3.54	0.00	0.60	-9.93	-9.33	
	8	0.00	-12.12	3.52	0.00	0.60	-8.60	-8.00		-12.16	3.54	0.00	0.60	-8.62	-8.02	
	17	0.00	-13.42	3.52	0.00	0.60	-9.90	-9.30		-13.81	3.54	0.00	0.60	-10.27	-9.67	
6925	0	0.00	-13.51	3.53	0.00	0.60	-9.98	-9.38		-13.94	3.55	0.00	0.60	-10.39	-9.79	
	8	0.00	-12.42	3.53	0.00	0.60	-8.89	-8.29		-12.69	3.55	0.00	0.60	-9.14	-8.54	
	17	0.00	-13.76	3.53	0.00	0.60	-10.23	-9.63		-14.18	3.55	0.00	0.60	-10.63	-10.03	
7005	0	0.00	-13.43	3.56	0.00	0.60	-9.87	-9.27		-14.29	3.58	0.00	0.60	-10.71	-10.11	
	8	0.00	-12.32	3.56	0.00	0.60	-8.76	-8.16		-13.12	3.58	0.00	0.60	-9.54	-8.94	
	17	0.00	-13.48	3.56	0.00	0.60	-9.92	-9.32		-13.74	3.58	0.00	0.60	-10.16	-9.56	
7085	0	0.00	-13.29	3.58	0.00	0.60	-9.71	-9.11		-14.76	3.60	0.00	0.60	-11.16	-10.56	
	8	0.00	-12.17	3.58	0.00	0.60	-8.59	-7.99		-12.83	3.60	0.00	0.60	-9.23	-8.63	
	17	0.00	-13.95	3.58	0.00	0.60	-10.37	-9.77		-13.91	3.60	0.00	0.60	-10.31	-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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 16, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 52-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	37	0.35	0.37	0.72	-1.40	-	-	0.51	0.54	1.05	0.21	24.00	23.79
	40	0.52	0.58	1.10	0.43	-	-	0.76	0.84	1.60	2.04	24.00	21.96
	44	0.38	0.41	0.78	-1.06	-	-	0.54	0.59	1.14	0.55	24.00	23.45
6205	37	0.37	0.45	0.82	-0.84	-	-	0.54	0.65	1.19	0.77	24.00	23.23
	40	0.52	0.59	1.11	0.45	-	-	0.75	0.86	1.61	2.06	24.00	21.94
	44	0.37	0.40	0.77	-1.15	-	-	0.53	0.58	1.11	0.46	24.00	23.54
6405	37	0.40	0.43	0.83	-0.81	-	-	0.58	0.62	1.20	0.80	24.00	23.20
	40	0.52	0.59	1.11	0.46	-	-	0.76	0.86	1.61	2.07	24.00	21.93
	44	0.37	0.42	0.79	-1.01	-	-	0.54	0.60	1.15	0.60	24.00	23.40
6445	37	0.37	0.43	0.80	-0.96	-	-	0.54	0.62	1.16	0.65	24.00	23.35
	40	0.51	0.58	1.09	0.39	-	-	0.74	0.85	1.58	2.00	24.00	22.00
	44	0.38	0.41	0.79	-1.03	-	-	0.55	0.60	1.14	0.58	24.00	23.42
6485	37	0.38	0.44	0.83	-0.83	-	-	0.55	0.64	1.20	0.78	24.00	23.22
	40	0.52	0.61	1.13	0.54	-	-	0.76	0.88	1.64	2.15	24.00	21.85
	44	0.39	0.43	0.82	-0.85	-	-	0.56	0.63	1.19	0.76	24.00	23.24
6525	37	0.38	0.45	0.83	-0.80	-	-	0.55	0.65	1.20	0.81	24.00	23.19
	40	0.55	0.52	1.07	0.28	-	-	0.80	0.75	1.54	1.89	24.00	22.11
	44	0.37	0.42	0.80	-0.99	-	-	0.54	0.61	1.15	0.62	24.00	23.38

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5965	37	0.00	-7.83	3.27	0.00	1.61	-4.56	-2.95	-7.56	3.29	0.00	1.61	-4.27	-2.66
	40	0.00	-6.08	3.27	0.00	1.61	-2.81	-1.20	-5.66	3.29	0.00	1.61	-2.37	-0.76
	44	0.00	-7.52	3.27	0.00	1.61	-4.25	-2.64	-7.18	3.29	0.00	1.61	-3.89	-2.28
6205	37	0.00	-7.62	3.34	0.00	1.61	-4.28	-2.67	-6.82	3.36	0.00	1.61	-3.46	-1.85
	40	0.00	-6.22	3.34	0.00	1.61	-2.88	-1.27	-5.62	3.36	0.00	1.61	-2.26	-0.65
	44	0.00	-7.69	3.34	0.00	1.61	-4.35	-2.74	-7.34	3.36	0.00	1.61	-3.98	-2.37
6405	37	0.00	-7.36	3.39	0.00	1.61	-3.97	-2.36	-7.08	3.41	0.00	1.61	-3.67	-2.06
	40	0.00	-6.21	3.39	0.00	1.61	-2.82	-1.21	-5.70	3.41	0.00	1.61	-2.29	-0.68
	44	0.00	-7.65	3.39	0.00	1.61	-4.26	-2.65	-7.21	3.41	0.00	1.61	-3.80	-2.19
6445	37	0.00	-7.70	3.40	0.00	1.61	-4.30	-2.69	-7.09	3.42	0.00	1.61	-3.67	-2.06
	40	0.00	-6.33	3.40	0.00	1.61	-2.93	-1.32	-5.76	3.42	0.00	1.61	-2.34	-0.73
	44	0.00	-7.63	3.40	0.00	1.61	-4.23	-2.62	-7.27	3.42	0.00	1.61	-3.85	-2.24
6485	37	0.00	-7.58	3.41	0.00	1.61	-4.17	-2.56	-6.96	3.43	0.00	1.61	-3.53	-1.92
	40	0.00	-6.21	3.41	0.00	1.61	-2.80	-1.19	-5.60	3.43	0.00	1.61	-2.17	-0.56
	44	0.00	-7.51	3.41	0.00	1.61	-4.10	-2.49	-7.06	3.43	0.00	1.61	-3.63	-2.02
6525	37	0.00	-7.61	3.42	0.00	1.61	-4.19	-2.58	-6.91	3.44	0.00	1.61	-3.47	-1.86
	40	0.00	-6.02	3.42	0.00	1.61	-2.60	-0.99	-6.31	3.44	0.00	1.61	-2.87	-1.26
	44	0.00	-7.68	3.42	0.00	1.61	-4.26	-2.65	-7.20	3.44	0.00	1.61	-3.76	-2.15

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 October 10, 2023 October 16, 2023
Temperature / Humidity 26 deg. C / 48 % RH 24 deg. C / 41 % RH
Engineer Miku Ikudome Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 52-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6565	37	0.46	0.42	0.88	-0.55	-	-	0.52	0.49	1.01	0.05	24.00	23.95
	40	0.62	0.56	1.18	0.71	-	-	0.71	0.65	1.35	1.31	24.00	22.69
	44	0.43	0.41	0.84	-0.76	-	-	0.50	0.47	0.96	-0.16	24.00	24.16
6685	37	0.49	0.39	0.88	-0.56	-	-	0.56	0.45	1.01	0.04	24.00	23.96
	40	0.62	0.56	1.18	0.72	-	-	0.71	0.65	1.36	1.32	24.00	22.68
	44	0.44	0.40	0.84	-0.75	-	-	0.50	0.46	0.97	-0.15	24.00	24.15
6845	37	0.48	0.38	0.86	-0.63	-	-	0.56	0.44	0.99	-0.03	24.00	24.03
	40	0.59	0.57	1.16	0.65	-	-	0.68	0.65	1.33	1.25	24.00	22.75
	44	0.43	0.40	0.84	-0.78	-	-	0.50	0.46	0.96	-0.18	24.00	24.18
6885	37	0.47	0.55	1.02	0.10	-	-	0.54	0.64	1.17	0.70	24.00	23.30
	40	0.57	0.52	1.10	0.40	-	-	0.66	0.60	1.26	1.00	24.00	23.00
	44	0.46	0.43	0.89	-0.52	-	-	0.52	0.50	1.02	0.08	24.00	23.92
6925	37	0.48	0.44	0.92	-0.36	-	-	0.55	0.51	1.06	0.24	24.00	23.76
	40	0.62	0.58	1.19	0.77	-	-	0.71	0.67	1.37	1.37	24.00	22.63
	44	0.45	0.41	0.86	-0.66	-	-	0.51	0.47	0.99	-0.06	24.00	24.06
7005	37	0.47	0.44	0.91	-0.40	-	-	0.54	0.50	1.05	0.20	24.00	23.80
	40	0.60	0.58	1.18	0.73	-	-	0.69	0.67	1.36	1.33	24.00	22.67
	44	0.49	0.46	0.95	-0.24	-	-	0.56	0.53	1.09	0.36	24.00	23.64
7085	37	0.49	0.46	0.95	-0.22	-	-	0.56	0.53	1.09	0.38	24.00	23.62
	40	0.64	0.58	1.22	0.87	-	-	0.74	0.66	1.40	1.47	24.00	22.53
	44	0.47	0.43	0.89	-0.50	-	-	0.54	0.49	1.02	0.10	24.00	23.90

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6565	37	0.00	-6.83	3.43	0.00	0.60	-3.40	-2.80	-7.17	3.45	0.00	0.60	-3.72	-3.12
	40	0.00	-5.53	3.43	0.00	0.60	-2.10	-1.50	-5.95	3.45	0.00	0.60	-2.50	-1.90
	44	0.00	-7.06	3.43	0.00	0.60	-3.63	-3.03	-7.36	3.45	0.00	0.60	-3.91	-3.31
6685	37	0.00	-6.58	3.47	0.00	0.60	-3.11	-2.51	-7.57	3.49	0.00	0.60	-4.08	-3.48
	40	0.00	-5.57	3.47	0.00	0.60	-2.10	-1.50	-5.97	3.49	0.00	0.60	-2.48	-1.88
	44	0.00	-7.04	3.47	0.00	0.60	-3.57	-2.97	-7.44	3.49	0.00	0.60	-3.95	-3.35
6845	37	0.00	-6.66	3.51	0.00	0.60	-3.15	-2.55	-7.73	3.53	0.00	0.60	-4.20	-3.60
	40	0.00	-5.77	3.51	0.00	0.60	-2.26	-1.66	-5.99	3.53	0.00	0.60	-2.46	-1.86
	44	0.00	-7.13	3.51	0.00	0.60	-3.62	-3.02	-7.50	3.53	0.00	0.60	-3.97	-3.37
6885	37	0.00	-6.81	3.52	0.00	0.60	-3.29	-2.69	-6.11	3.54	0.00	0.60	-2.57	-1.97
	40	0.00	-5.94	3.52	0.00	0.60	-2.42	-1.82	-6.35	3.54	0.00	0.60	-2.81	-2.21
	44	0.00	-6.93	3.52	0.00	0.60	-3.41	-2.81	-7.19	3.54	0.00	0.60	-3.65	-3.05
6925	37	0.00	-6.75	3.53	0.00	0.60	-3.22	-2.62	-7.07	3.55	0.00	0.60	-3.52	-2.92
	40	0.00	-5.64	3.53	0.00	0.60	-2.11	-1.51	-5.92	3.55	0.00	0.60	-2.37	-1.77
	44	0.00	-7.02	3.53	0.00	0.60	-3.49	-2.89	-7.40	3.55	0.00	0.60	-3.85	-3.25
7005	37	0.00	-6.80	3.56	0.00	0.60	-3.24	-2.64	-7.17	3.58	0.00	0.60	-3.59	-2.99
	40	0.00	-5.79	3.56	0.00	0.60	-2.23	-1.63	-5.92	3.58	0.00	0.60	-2.34	-1.74
	44	0.00	-6.70	3.56	0.00	0.60	-3.14	-2.54	-6.94	3.58	0.00	0.60	-3.36	-2.76
7085	37	0.00	-6.68	3.58	0.00	0.60	-3.10	-2.50	-6.97	3.60	0.00	0.60	-3.37	-2.77
	40	0.00	-5.49	3.58	0.00	0.60	-1.91	-1.31	-5.98	3.60	0.00	0.60	-2.38	-1.78
	44	0.00	-6.89	3.58	0.00	0.60	-3.31	-2.71	-7.31	3.60	0.00	0.60	-3.71	-3.11

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

* The Duty Factor is 0 dB, 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 11, 2024
Temperature / Humidity 22 deg. C / 36 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-40 (OFDMA) 52-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]				
5965	37	0.18	0.23	0.40	-3.93	-	-		0.26	0.33	0.59	-2.32	24.00	26.32	
	40	0.27	0.29	0.56	-2.48	-	-		0.39	0.42	0.82	-0.87	24.00	24.87	
	44	0.19	0.19	0.39	-4.13	-	-		0.28	0.28	0.56	-2.52	24.00	26.52	
6205	37	0.18	0.19	0.37	-4.29	-	-		0.27	0.27	0.54	-2.68	24.00	26.68	
	40	0.23	0.26	0.49	-3.13	-	-		0.33	0.37	0.70	-1.52	24.00	25.52	
	44	0.18	0.19	0.37	-4.34	-	-		0.25	0.28	0.53	-2.73	24.00	26.73	
6405	37	0.16	0.17	0.33	-4.85	-	-		0.23	0.24	0.47	-3.24	24.00	27.24	
	40	0.22	0.23	0.45	-3.49	-	-		0.32	0.33	0.65	-1.88	24.00	25.88	
	44	0.17	0.21	0.37	-4.31	-	-		0.24	0.30	0.54	-2.70	24.00	26.70	
6445	37	0.16	0.23	0.39	-4.10	-	-		0.23	0.33	0.56	-2.49	24.00	26.49	
	40	0.22	0.31	0.54	-2.71	-	-		0.32	0.46	0.78	-1.10	24.00	25.10	
	44	0.17	0.22	0.39	-4.08	-	-		0.25	0.32	0.57	-2.47	24.00	26.47	
6485	37	0.17	0.22	0.39	-4.12	-	-		0.24	0.32	0.56	-2.51	24.00	26.51	
	40	0.24	0.28	0.52	-2.86	-	-		0.34	0.41	0.75	-1.25	24.00	25.25	
	44	0.17	0.23	0.40	-3.99	-	-		0.24	0.34	0.58	-2.38	24.00	26.38	
6525	37	0.19	0.23	0.41	-3.85	-	-		0.27	0.33	0.60	-2.24	24.00	26.24	
	40	0.24	0.30	0.54	-2.67	-	-		0.35	0.43	0.78	-1.06	24.00	25.06	
	44	0.18	0.21	0.39	-4.05	-	-		0.26	0.31	0.57	-2.44	24.00	26.44	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result	
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5965	37	0.00	-10.78	3.27	0.00	1.61	-7.51	-5.90	-9.72	3.29	0.00	1.61	-6.43	-4.82
	40	0.00	-8.92	3.27	0.00	1.61	-5.65	-4.04	-8.63	3.29	0.00	1.61	-5.34	-3.73
	44	0.00	-10.45	3.27	0.00	1.61	-7.18	-5.57	-10.39	3.29	0.00	1.61	-7.10	-5.49
6205	37	0.00	-10.68	3.34	0.00	1.61	-7.34	-5.73	-10.62	3.36	0.00	1.61	-7.26	-5.65
	40	0.00	-9.70	3.34	0.00	1.61	-6.36	-4.75	-9.29	3.36	0.00	1.61	-5.93	-4.32
	44	0.00	-10.89	3.34	0.00	1.61	-7.55	-5.94	-10.52	3.36	0.00	1.61	-7.16	-5.55
6405	37	0.00	-11.40	3.39	0.00	1.61	-8.01	-6.40	-11.13	3.41	0.00	1.61	-7.72	-6.11
	40	0.00	-9.92	3.39	0.00	1.61	-6.53	-4.92	-9.88	3.41	0.00	1.61	-6.47	-4.86
	44	0.00	-11.19	3.39	0.00	1.61	-7.80	-6.19	-10.29	3.41	0.00	1.61	-6.88	-5.27
6445	37	0.00	-11.36	3.40	0.00	1.61	-7.96	-6.35	-9.82	3.42	0.00	1.61	-6.40	-4.79
	40	0.00	-9.96	3.40	0.00	1.61	-6.56	-4.95	-8.44	3.42	0.00	1.61	-5.02	-3.41
	44	0.00	-11.07	3.40	0.00	1.61	-7.67	-6.06	-10.00	3.42	0.00	1.61	-6.58	-4.97
6485	37	0.00	-11.20	3.41	0.00	1.61	-7.79	-6.18	-9.99	3.43	0.00	1.61	-6.56	-4.95
	40	0.00	-9.68	3.41	0.00	1.61	-6.27	-4.66	-8.93	3.43	0.00	1.61	-5.50	-3.89
	44	0.00	-11.21	3.41	0.00	1.61	-7.80	-6.19	-9.76	3.43	0.00	1.61	-6.33	-4.72
6525	37	0.00	-10.73	3.42	0.00	1.61	-7.31	-5.70	-9.89	3.44	0.00	1.61	-6.45	-4.84
	40	0.00	-9.57	3.42	0.00	1.61	-6.15	-4.54	-8.70	3.44	0.00	1.61	-5.26	-3.65
	44	0.00	-10.88	3.42	0.00	1.61	-7.46	-5.85	-10.13	3.44	0.00	1.61	-6.69	-5.08

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 52-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	37	0.20	0.23	0.43	-3.66	-	-	0.23	0.26	0.49	-3.06	24.00	27.06
	40	0.26	0.29	0.55	-2.59	-	-	0.29	0.34	0.63	-1.99	24.00	25.99
	44	0.20	0.22	0.42	-3.81	-	-	0.22	0.25	0.48	-3.21	24.00	27.21
6685	37	0.19	0.21	0.41	-3.91	-	-	0.22	0.25	0.47	-3.31	24.00	27.31
	40	0.24	0.26	0.51	-2.96	-	-	0.28	0.30	0.58	-2.36	24.00	26.36
	44	0.19	0.21	0.40	-3.99	-	-	0.22	0.24	0.46	-3.39	24.00	27.39
6845	37	0.18	0.20	0.38	-4.19	-	-	0.21	0.23	0.44	-3.59	24.00	27.59
	40	0.23	0.25	0.49	-3.12	-	-	0.27	0.29	0.56	-2.52	24.00	26.52
	44	0.17	0.19	0.37	-4.37	-	-	0.20	0.22	0.42	-3.77	24.00	27.77
6885	37	0.22	0.21	0.43	-3.64	-	-	0.26	0.24	0.50	-3.04	24.00	27.04
	40	0.29	0.28	0.57	-2.44	-	-	0.33	0.32	0.65	-1.84	24.00	25.84
	44	0.22	0.20	0.42	-3.72	-	-	0.26	0.23	0.49	-3.12	24.00	27.12
6925	37	0.21	0.19	0.41	-3.92	-	-	0.24	0.22	0.47	-3.32	24.00	27.32
	40	0.27	0.24	0.50	-2.97	-	-	0.30	0.27	0.58	-2.37	24.00	26.37
	44	0.23	0.21	0.44	-3.58	-	-	0.26	0.24	0.50	-2.98	24.00	26.98
7005	37	0.21	0.22	0.43	-3.68	-	-	0.24	0.25	0.49	-3.08	24.00	27.08
	40	0.27	0.26	0.53	-2.78	-	-	0.31	0.30	0.61	-2.18	24.00	26.18
	44	0.21	0.22	0.42	-3.76	-	-	0.24	0.25	0.48	-3.16	24.00	27.16
7085	37	0.21	0.19	0.40	-3.93	-	-	0.24	0.22	0.46	-3.33	24.00	27.33
	40	0.26	0.24	0.50	-2.98	-	-	0.30	0.28	0.58	-2.38	24.00	26.38
	44	0.20	0.21	0.41	-3.87	-	-	0.23	0.24	0.47	-3.27	24.00	27.27

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result	
			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]
6565	37	0.00	-10.32	3.43	0.00	0.60	-6.89	-6.29	-9.91	3.45	0.00	0.60	-6.46	-5.86
	40	0.00	-9.35	3.43	0.00	0.60	-5.92	-5.32	-8.76	3.45	0.00	0.60	-5.31	-4.71
	44	0.00	-10.51	3.43	0.00	0.60	-7.08	-6.48	-10.03	3.45	0.00	0.60	-6.58	-5.98
6685	37	0.00	-10.62	3.47	0.00	0.60	-7.15	-6.55	-10.19	3.49	0.00	0.60	-6.70	-6.10
	40	0.00	-9.61	3.47	0.00	0.60	-6.14	-5.54	-9.29	3.49	0.00	0.60	-5.80	-5.20
	44	0.00	-10.74	3.47	0.00	0.60	-7.27	-6.67	-10.23	3.49	0.00	0.60	-6.74	-6.14
6845	37	0.00	-10.94	3.51	0.00	0.60	-7.43	-6.83	-10.51	3.53	0.00	0.60	-6.98	-6.38
	40	0.00	-9.83	3.51	0.00	0.60	-6.32	-5.72	-9.47	3.53	0.00	0.60	-5.94	-5.34
	44	0.00	-11.17	3.51	0.00	0.60	-7.66	-7.06	-10.65	3.53	0.00	0.60	-7.12	-6.52
6885	37	0.00	-10.02	3.52	0.00	0.60	-6.50	-5.90	-10.34	3.54	0.00	0.60	-6.80	-6.20
	40	0.00	-8.88	3.52	0.00	0.60	-5.36	-4.76	-9.08	3.54	0.00	0.60	-5.54	-4.94
	44	0.00	-10.04	3.52	0.00	0.60	-6.52	-5.92	-10.49	3.54	0.00	0.60	-6.95	-6.35
6925	37	0.00	-10.27	3.53	0.00	0.60	-6.74	-6.14	-10.68	3.55	0.00	0.60	-7.13	-6.53
	40	0.00	-9.29	3.53	0.00	0.60	-5.76	-5.16	-9.77	3.55	0.00	0.60	-6.22	-5.62
	44	0.00	-9.92	3.53	0.00	0.60	-6.39	-5.79	-10.36	3.55	0.00	0.60	-6.81	-6.21
7005	37	0.00	-10.29	3.56	0.00	0.60	-6.73	-6.13	-10.23	3.58	0.00	0.60	-6.65	-6.05
	40	0.00	-9.31	3.56	0.00	0.60	-5.75	-5.15	-9.41	3.58	0.00	0.60	-5.83	-5.23
	44	0.00	-10.44	3.56	0.00	0.60	-6.88	-6.28	-10.25	3.58	0.00	0.60	-6.67	-6.07
7085	37	0.00	-10.35	3.58	0.00	0.60	-6.77	-6.17	-10.71	3.60	0.00	0.60	-7.11	-6.51
	40	0.00	-9.38	3.58	0.00	0.60	-5.80	-5.20	-9.78	3.60	0.00	0.60	-6.18	-5.58
	44	0.00	-10.53	3.58	0.00	0.60	-6.95	-6.35	-10.42	3.60	0.00	0.60	-6.82	-6.22

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 17, 2023
Temperature / Humidity 26 deg. C / 41 % RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 106 -tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	53	0.78	0.88	1.66	2.20	-	-	1.13	1.27	2.40	3.81	24.00	20.19
	54	0.86	0.92	1.78	2.50	-	-	1.24	1.33	2.57	4.11	24.00	19.89
	56	0.75	0.82	1.57	1.96	-	-	1.09	1.18	2.27	3.57	24.00	20.43
6205	53	0.73	0.88	1.61	2.07	-	-	1.06	1.28	2.33	3.68	24.00	20.32
	54	0.93	1.04	1.97	2.95	-	-	1.35	1.51	2.86	4.56	24.00	19.44
	56	0.77	0.84	1.60	2.04	-	-	1.11	1.21	2.32	3.65	24.00	20.35
6405	53	0.79	0.88	1.68	2.24	-	-	1.15	1.28	2.43	3.85	24.00	20.15
	54	0.96	1.06	2.02	3.05	-	-	1.39	1.54	2.92	4.66	24.00	19.34
	56	0.77	0.83	1.60	2.03	-	-	1.11	1.20	2.31	3.64	24.00	20.36
6445	53	0.80	0.89	1.68	2.26	-	-	1.16	1.28	2.44	3.87	24.00	20.13
	54	0.95	1.07	2.02	3.06	-	-	1.37	1.56	2.93	4.67	24.00	19.33
	56	0.76	0.85	1.61	2.07	-	-	1.10	1.23	2.33	3.68	24.00	20.32
6485	53	0.80	0.91	1.70	2.31	-	-	1.15	1.31	2.47	3.92	24.00	20.08
	54	0.95	1.07	2.02	3.05	-	-	1.37	1.55	2.93	4.66	24.00	19.34
	56	0.77	0.85	1.61	2.08	-	-	1.11	1.23	2.34	3.69	24.00	20.31
6525	53	0.70	0.91	1.61	2.06	-	-	1.02	1.31	2.33	3.67	24.00	20.33
	54	0.84	1.23	2.07	3.15	-	-	1.21	1.78	2.99	4.76	24.00	19.24
	56	0.67	0.99	1.66	2.20	-	-	0.97	1.43	2.40	3.81	24.00	20.19

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	
5965	53	0.00	-14.32	3.27	9.98	1.61	-1.07	0.54	-13.96	3.29	10.10	1.61	-0.57	1.04	
	54	0.00	-13.91	3.27	9.98	1.61	-0.66	0.95	-13.76	3.29	10.10	1.61	-0.37	1.24	
	56	0.00	-14.48	3.27	9.98	1.61	-1.23	0.38	-14.27	3.29	10.10	1.61	-0.88	0.73	
6205	53	0.00	-14.69	3.34	9.98	1.61	-1.37	0.24	-14.01	3.36	10.10	1.61	-0.55	1.06	
	54	0.00	-13.64	3.34	9.98	1.61	-0.32	1.29	-13.27	3.36	10.10	1.61	0.19	1.80	
	56	0.00	-14.48	3.34	9.98	1.61	-1.16	0.45	-14.24	3.36	10.10	1.61	-0.78	0.83	
6405	53	0.00	-14.38	3.39	9.99	1.61	-1.00	0.61	-14.07	3.41	10.11	1.61	-0.55	1.06	
	54	0.00	-13.57	3.39	9.99	1.61	-0.19	1.42	-13.26	3.41	10.11	1.61	0.26	1.87	
	56	0.00	-14.53	3.39	9.99	1.61	-1.15	0.46	-14.34	3.41	10.11	1.61	-0.82	0.79	
6445	53	0.00	-14.37	3.40	9.99	1.61	-0.98	0.63	-14.06	3.42	10.11	1.61	-0.53	1.08	
	54	0.00	-13.62	3.40	9.99	1.61	-0.23	1.38	-13.22	3.42	10.11	1.61	0.31	1.92	
	56	0.00	-14.57	3.40	9.99	1.61	-1.18	0.43	-14.25	3.42	10.11	1.61	-0.72	0.89	
6485	53	0.00	-14.39	3.41	9.99	1.61	-0.99	0.62	-13.97	3.43	10.11	1.61	-0.43	1.18	
	54	0.00	-13.63	3.41	9.99	1.61	-0.23	1.38	-13.24	3.43	10.11	1.61	0.30	1.91	
	56	0.00	-14.55	3.41	9.99	1.61	-1.15	0.46	-14.26	3.43	10.11	1.61	-0.72	0.89	
6525	53	0.00	-14.95	3.42	9.99	1.61	-1.54	0.07	-13.98	3.44	10.11	1.61	-0.43	1.18	
	54	0.00	-14.19	3.42	9.99	1.61	-0.78	0.83	-12.65	3.44	10.11	1.61	0.90	2.51	
	56	0.00	-15.13	3.42	9.99	1.61	-1.72	-0.11	-13.61	3.44	10.11	1.61	-0.06	1.55	

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 October 17, 2023
Temperature / Humidity 26 deg. C / 41 % RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 106 -tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	53	0.69	1.03	1.72	2.36	-	-	0.79	1.18	1.98	2.96	24.00	21.04
	54	0.85	1.23	2.08	3.18	-	-	0.98	1.41	2.39	3.78	24.00	20.22
	56	0.69	0.98	1.67	2.23	-	-	0.79	1.13	1.92	2.83	24.00	21.17
6685	53	0.71	1.04	1.75	2.43	-	-	0.81	1.20	2.01	3.03	24.00	20.97
	54	0.85	1.27	2.12	3.26	-	-	0.98	1.46	2.43	3.86	24.00	20.14
	56	0.70	1.03	1.73	2.39	-	-	0.81	1.18	1.99	2.99	24.00	21.01
6845	53	0.70	1.04	1.74	2.41	-	-	0.81	1.19	2.00	3.01	24.00	20.99
	54	0.85	1.24	2.08	3.19	-	-	0.97	1.42	2.39	3.79	24.00	20.21
	56	0.80	1.00	1.80	2.55	-	-	0.92	1.15	2.07	3.15	24.00	20.85
6885	53	0.68	1.02	1.71	2.32	-	-	0.78	1.17	1.96	2.92	24.00	21.08
	54	0.85	1.23	2.08	3.18	-	-	0.98	1.41	2.39	3.78	24.00	20.22
	56	0.70	1.02	1.72	2.37	-	-	0.81	1.17	1.98	2.97	24.00	21.03
6925	53	0.70	1.06	1.77	2.48	-	-	0.81	1.22	2.03	3.08	24.00	20.92
	54	0.86	1.27	2.13	3.28	-	-	0.99	1.46	2.44	3.88	24.00	20.12
	56	0.71	1.04	1.75	2.43	-	-	0.81	1.20	2.01	3.03	24.00	20.97
7005	53	0.72	1.06	1.78	2.51	-	-	0.83	1.22	2.04	3.11	24.00	20.89
	54	0.87	1.29	2.16	3.35	-	-	1.00	1.48	2.48	3.95	24.00	20.05
	56	0.71	1.03	1.74	2.40	-	-	0.81	1.18	1.99	3.00	24.00	21.00
7085	53	0.72	1.05	1.77	2.49	-	-	0.82	1.21	2.03	3.09	24.00	20.91
	54	0.86	1.27	2.12	3.27	-	-	0.98	1.46	2.44	3.87	24.00	20.13
	56	0.71	1.02	1.73	2.39	-	-	0.82	1.17	1.99	2.99	24.00	21.01

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6565	53	0.00	-15.02	3.43	9.99	0.60	-1.60	-1.00	-13.43	3.45	10.11	0.60	0.13	0.73
	54	0.00	-14.12	3.43	9.99	0.60	-0.70	-0.10	-12.66	3.45	10.11	0.60	0.90	1.50
	56	0.00	-15.05	3.43	9.99	0.60	-1.63	-1.03	-13.63	3.45	10.11	0.60	-0.07	0.53
6685	53	0.00	-14.96	3.47	9.99	0.60	-1.50	-0.90	-13.43	3.49	10.12	0.60	0.18	0.78
	54	0.00	-14.16	3.47	9.99	0.60	-0.70	-0.10	-12.58	3.49	10.12	0.60	1.03	1.63
	56	0.00	-14.98	3.47	9.99	0.60	-1.52	-0.92	-13.49	3.49	10.12	0.60	0.12	0.72
6845	53	0.00	-15.04	3.51	9.99	0.60	-1.54	-0.94	-13.48	3.53	10.12	0.60	0.17	0.77
	54	0.00	-14.22	3.51	9.99	0.60	-0.72	-0.12	-12.73	3.53	10.12	0.60	0.92	1.52
	56	0.00	-14.48	3.51	9.99	0.60	-0.98	-0.38	-13.64	3.53	10.12	0.60	0.01	0.61
6885	53	0.00	-15.17	3.52	9.99	0.60	-1.66	-1.06	-13.56	3.54	10.12	0.60	0.10	0.70
	54	0.00	-14.21	3.52	9.99	0.60	-0.70	-0.10	-12.76	3.54	10.12	0.60	0.90	1.50
	56	0.00	-15.05	3.52	9.99	0.60	-1.54	-0.94	-13.56	3.54	10.12	0.60	0.10	0.70
6925	53	0.00	-15.04	3.53	9.99	0.60	-1.52	-0.92	-13.40	3.55	10.12	0.60	0.27	0.87
	54	0.00	-14.17	3.53	9.99	0.60	-0.65	-0.05	-12.64	3.55	10.12	0.60	1.03	1.63
	56	0.00	-15.02	3.53	9.99	0.60	-1.50	-0.90	-13.49	3.55	10.12	0.60	0.18	0.78
7005	53	0.00	-14.97	3.56	9.99	0.60	-1.42	-0.82	-13.45	3.58	10.12	0.60	0.25	0.85
	54	0.00	-14.14	3.56	9.99	0.60	-0.59	0.01	-12.60	3.58	10.12	0.60	1.10	1.70
	56	0.00	-15.06	3.56	9.99	0.60	-1.51	-0.91	-13.57	3.58	10.12	0.60	0.13	0.73
7085	53	0.00	-15.01	3.58	9.99	0.60	-1.44	-0.84	-13.49	3.60	10.12	0.60	0.23	0.83
	54	0.00	-14.25	3.58	9.99	0.60	-0.68	-0.08	-12.69	3.60	10.12	0.60	1.03	1.63
	56	0.00	-15.03	3.58	9.99	0.60	-1.46	-0.86	-13.64	3.60	10.12	0.60	0.08	0.68

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

* The Duty Factor is 0 dB, 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 11, 2024
Temperature / Humidity 22 deg. C / 36 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-40 (OFDMA) 106 -tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	53	0.41	0.43	0.83	-0.79	-	-	0.59	0.62	1.21	0.82	24.00	23.18
	54	0.47	0.51	0.98	-0.10	-	-	0.68	0.74	1.42	1.51	24.00	22.49
	56	0.37	0.39	0.75	-1.23	-	-	0.53	0.56	1.09	0.38	24.00	23.62
6205	53	0.35	0.42	0.77	-1.14	-	-	0.50	0.61	1.11	0.47	24.00	23.53
	54	0.42	0.51	0.93	-0.30	-	-	0.61	0.74	1.35	1.31	24.00	22.69
	56	0.32	0.40	0.72	-1.41	-	-	0.47	0.58	1.05	0.20	24.00	23.80
6405	53	0.34	0.46	0.80	-1.00	-	-	0.49	0.66	1.15	0.61	24.00	23.39
	54	0.40	0.51	0.91	-0.40	-	-	0.58	0.74	1.32	1.21	24.00	22.79
	56	0.32	0.42	0.75	-1.28	-	-	0.47	0.61	1.08	0.33	24.00	23.67
6445	53	0.33	0.50	0.83	-0.82	-	-	0.47	0.73	1.20	0.79	24.00	23.21
	54	0.39	0.59	0.98	-0.08	-	-	0.57	0.86	1.42	1.53	24.00	22.47
	56	0.36	0.50	0.86	-0.67	-	-	0.52	0.72	1.24	0.94	24.00	23.06
6485	53	0.34	0.45	0.79	-1.03	-	-	0.49	0.65	1.14	0.58	24.00	23.42
	54	0.38	0.54	0.92	-0.36	-	-	0.55	0.78	1.33	1.25	24.00	22.75
	56	0.33	0.49	0.81	-0.91	-	-	0.47	0.70	1.18	0.70	24.00	23.30
6525	53	0.36	0.48	0.85	-0.72	-	-	0.53	0.70	1.23	0.89	24.00	23.11
	54	0.43	0.56	0.99	-0.02	-	-	0.63	0.81	1.44	1.59	24.00	22.41
	56	0.35	0.52	0.87	-0.62	-	-	0.51	0.75	1.26	0.99	24.00	23.01

			ANT0							ANT1						
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result			
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]		
5965	53	0.00	-17.14	3.27	9.98	1.61	-3.89	-2.28	-17.10	3.29	10.10	1.61	-3.71	-2.10		
	54	0.00	-16.56	3.27	9.98	1.61	-3.31	-1.70	-16.31	3.29	10.10	1.61	-2.92	-1.31		
	56	0.00	-17.62	3.27	9.98	1.61	-4.37	-2.76	-17.50	3.29	10.10	1.61	-4.11	-2.50		
6205	53	0.00	-17.92	3.34	9.98	1.61	-4.60	-2.99	-17.20	3.36	10.10	1.61	-3.74	-2.13		
	54	0.00	-17.07	3.34	9.98	1.61	-3.75	-2.14	-16.38	3.36	10.10	1.61	-2.92	-1.31		
	56	0.00	-18.24	3.34	9.98	1.61	-4.92	-3.31	-17.43	3.36	10.10	1.61	-3.97	-2.36		
6405	53	0.00	-18.09	3.39	9.99	1.61	-4.71	-3.10	-16.92	3.41	10.11	1.61	-3.40	-1.79		
	54	0.00	-17.38	3.39	9.99	1.61	-4.00	-2.39	-16.42	3.41	10.11	1.61	-2.90	-1.29		
	56	0.00	-18.31	3.39	9.99	1.61	-4.93	-3.32	-17.25	3.41	10.11	1.61	-3.73	-2.12		
6445	53	0.00	-18.24	3.40	9.99	1.61	-4.85	-3.24	-16.53	3.42	10.11	1.61	-3.00	-1.39		
	54	0.00	-17.47	3.40	9.99	1.61	-4.08	-2.47	-15.81	3.42	10.11	1.61	-2.28	-0.67		
	56	0.00	-17.81	3.40	9.99	1.61	-4.42	-2.81	-16.58	3.42	10.11	1.61	-3.05	-1.44		
6485	53	0.00	-18.10	3.41	9.99	1.61	-4.70	-3.09	-17.01	3.43	10.11	1.61	-3.47	-1.86		
	54	0.00	-17.61	3.41	9.99	1.61	-4.21	-2.60	-16.21	3.43	10.11	1.61	-2.67	-1.06		
	56	0.00	-18.28	3.41	9.99	1.61	-4.88	-3.27	-16.67	3.43	10.11	1.61	-3.13	-1.52		
6525	53	0.00	-17.81	3.42	9.99	1.61	-4.40	-2.79	-16.70	3.44	10.11	1.61	-3.15	-1.54		
	54	0.00	-17.04	3.42	9.99	1.61	-3.63	-2.02	-16.06	3.44	10.11	1.61	-2.51	-0.90		
	56	0.00	-17.97	3.42	9.99	1.61	-4.56	-2.95	-16.42	3.44	10.11	1.61	-2.87	-1.26		

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 11, 2024
Temperature / Humidity 22 deg. C / 36 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-40 (OFDMA) 106 -tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	53	0.40	0.47	0.87	-0.62	-	-	0.45	0.54	1.00	-0.02	24.00	24.02
	54	0.48	0.56	1.05	0.20	-	-	0.55	0.65	1.20	0.80	24.00	23.20
	56	0.39	0.46	0.85	-0.69	-	-	0.45	0.53	0.98	-0.09	24.00	24.09
6685	53	0.37	0.46	0.83	-0.81	-	-	0.42	0.53	0.95	-0.21	24.00	24.21
	54	0.46	0.58	1.03	0.14	-	-	0.52	0.66	1.19	0.74	24.00	23.26
	56	0.37	0.46	0.83	-0.80	-	-	0.43	0.53	0.96	-0.20	24.00	24.20
6845	53	0.32	0.43	0.75	-1.27	-	-	0.36	0.49	0.86	-0.67	24.00	24.67
	54	0.37	0.51	0.88	-0.55	-	-	0.42	0.59	1.01	0.05	24.00	23.95
	56	0.35	0.40	0.75	-1.25	-	-	0.40	0.46	0.86	-0.65	24.00	24.65
6885	53	0.46	0.43	0.90	-0.47	-	-	0.53	0.50	1.03	0.13	24.00	23.87
	54	0.55	0.51	1.06	0.26	-	-	0.63	0.59	1.22	0.86	24.00	23.14
	56	0.49	0.41	0.90	-0.45	-	-	0.57	0.47	1.04	0.15	24.00	23.85
6925	53	0.45	0.44	0.89	-0.50	-	-	0.52	0.50	1.02	0.10	24.00	23.90
	54	0.51	0.48	0.99	-0.05	-	-	0.59	0.55	1.14	0.55	24.00	23.45
	56	0.47	0.46	0.93	-0.33	-	-	0.54	0.53	1.06	0.27	24.00	23.73
7005	53	0.48	0.44	0.92	-0.36	-	-	0.55	0.51	1.06	0.24	24.00	23.76
	54	0.53	0.49	1.02	0.08	-	-	0.61	0.56	1.17	0.68	24.00	23.32
	56	0.46	0.39	0.85	-0.72	-	-	0.53	0.45	0.97	-0.12	24.00	24.12
7085	53	0.42	0.36	0.78	-1.06	-	-	0.48	0.42	0.90	-0.46	24.00	24.46
	54	0.49	0.49	0.98	-0.08	-	-	0.56	0.56	1.13	0.52	24.00	23.48
	56	0.43	0.42	0.85	-0.70	-	-	0.49	0.49	0.98	-0.10	24.00	24.10

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6565	53	0.00	-17.44	3.43	9.99	0.60	-4.02	-3.42	-16.83	3.45	10.11	0.60	-3.27	-2.67
	54	0.00	-16.59	3.43	9.99	0.60	-3.17	-2.57	-16.04	3.45	10.11	0.60	-2.48	-1.88
	56	0.00	-17.46	3.43	9.99	0.60	-4.04	-3.44	-16.94	3.45	10.11	0.60	-3.38	-2.78
6685	53	0.00	-17.82	3.47	9.99	0.60	-4.36	-3.76	-16.95	3.49	10.12	0.60	-3.34	-2.74
	54	0.00	-16.87	3.47	9.99	0.60	-3.41	-2.81	-16.00	3.49	10.12	0.60	-2.39	-1.79
	56	0.00	-17.73	3.47	9.99	0.60	-4.27	-3.67	-17.00	3.49	10.12	0.60	-3.39	-2.79
6845	53	0.00	-18.48	3.51	9.99	0.60	-4.98	-4.38	-17.33	3.53	10.12	0.60	-3.68	-3.08
	54	0.00	-17.82	3.51	9.99	0.60	-4.32	-3.72	-16.56	3.53	10.12	0.60	-2.91	-2.31
	56	0.00	-18.10	3.51	9.99	0.60	-4.60	-4.00	-17.59	3.53	10.12	0.60	-3.94	-3.34
6885	53	0.00	-16.85	3.52	9.99	0.60	-3.34	-2.74	-17.29	3.54	10.12	0.60	-3.63	-3.03
	54	0.00	-16.09	3.52	9.99	0.60	-2.58	-1.98	-16.58	3.54	10.12	0.60	-2.92	-2.32
	56	0.00	-16.58	3.52	9.99	0.60	-3.07	-2.47	-17.54	3.54	10.12	0.60	-3.88	-3.28
6925	53	0.00	-16.95	3.53	9.99	0.60	-3.43	-2.83	-17.27	3.55	10.12	0.60	-3.60	-3.00
	54	0.00	-16.43	3.53	9.99	0.60	-2.91	-2.31	-16.88	3.55	10.12	0.60	-3.21	-2.61
	56	0.00	-16.81	3.53	9.99	0.60	-3.29	-2.69	-17.06	3.55	10.12	0.60	-3.39	-2.79
7005	53	0.00	-16.76	3.56	9.99	0.60	-3.21	-2.61	-17.24	3.58	10.12	0.60	-3.54	-2.94
	54	0.00	-16.30	3.56	9.99	0.60	-2.75	-2.15	-16.82	3.58	10.12	0.60	-3.12	-2.52
	56	0.00	-16.94	3.56	9.99	0.60	-3.39	-2.79	-17.79	3.58	10.12	0.60	-4.09	-3.49
7085	53	0.00	-17.33	3.58	9.99	0.60	-3.76	-3.16	-18.12	3.60	10.12	0.60	-4.40	-3.80
	54	0.00	-16.66	3.58	9.99	0.60	-3.09	-2.49	-16.82	3.60	10.12	0.60	-3.10	-2.50
	56	0.00	-17.26	3.58	9.99	0.60	-3.69	-3.09	-17.46	3.60	10.12	0.60	-3.74	-3.14

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 + Antenna Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 17, 2023
Temperature / Humidity 26 deg. C / 41 % RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 242-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	61	1.89	2.45	4.34	6.38	-	-	2.74	3.56	6.29	7.99	24.00	16.01
	62	2.05	2.24	4.29	6.32	-	-	2.97	3.24	6.22	7.93	24.00	16.07
6205	61	1.92	2.30	4.22	6.26	-	-	2.79	3.33	6.12	7.87	24.00	16.13
	62	2.08	2.26	4.34	6.37	-	-	3.01	3.27	6.29	7.98	24.00	16.02
6405	61	1.95	2.37	4.31	6.35	-	-	2.82	3.43	6.25	7.96	24.00	16.04
	62	2.10	2.33	4.44	6.47	-	-	3.05	3.38	6.43	8.08	24.00	15.92
6445	61	1.97	2.39	4.36	6.39	-	-	2.85	3.46	6.31	8.00	24.00	16.00
	62	2.11	2.36	4.47	6.50	-	-	3.05	3.42	6.47	8.11	24.00	15.89
6485	61	1.97	2.49	4.46	6.49	-	-	2.86	3.61	6.46	8.10	24.00	15.90
	62	1.96	2.45	4.42	6.45	-	-	2.84	3.56	6.40	8.06	24.00	15.94
6525	61	2.02	2.47	4.49	6.52	-	-	2.93	3.57	6.50	8.13	24.00	15.87
	62	2.17	2.38	4.56	6.58	-	-	3.15	3.45	6.60	8.19	24.00	15.81

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5965	61	0.00	-10.49	3.27	9.98	1.61	2.76	4.37	-9.49	3.29	10.10	1.61	3.90	5.51
	62	0.00	-10.13	3.27	9.98	1.61	3.12	4.73	-9.89	3.29	10.10	1.61	3.50	5.11
6205	61	0.00	-10.48	3.34	9.98	1.61	2.84	4.45	-9.84	3.36	10.10	1.61	3.62	5.23
	62	0.00	-10.14	3.34	9.98	1.61	3.18	4.79	-9.92	3.36	10.10	1.61	3.54	5.15
6405	61	0.00	-10.49	3.39	9.99	1.61	2.89	4.50	-9.78	3.41	10.11	1.61	3.74	5.35
	62	0.00	-10.15	3.39	9.99	1.61	3.23	4.84	-9.84	3.41	10.11	1.61	3.68	5.29
6445	61	0.00	-10.45	3.40	9.99	1.61	2.94	4.55	-9.75	3.42	10.11	1.61	3.78	5.39
	62	0.00	-10.15	3.40	9.99	1.61	3.24	4.85	-9.80	3.42	10.11	1.61	3.73	5.34
6485	61	0.00	-10.45	3.41	9.99	1.61	2.95	4.56	-9.58	3.43	10.11	1.61	3.96	5.57
	62	0.00	-10.47	3.41	9.99	1.61	2.93	4.54	-9.64	3.43	10.11	1.61	3.90	5.51
6525	61	0.00	-10.35	3.42	9.99	1.61	3.06	4.67	-9.63	3.44	10.11	1.61	3.92	5.53
	62	0.00	-10.04	3.42	9.99	1.61	3.37	4.98	-9.78	3.44	10.11	1.61	3.77	5.38

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 October 17, 2023
Temperature / Humidity 26 deg. C / 41 % RH
Engineer Miku Ikudome
Mode Tx 11ax-40 (OFDMA) 242-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	61	1.97	2.40	4.38	6.41	-	-	2.26	2.76	5.03	7.01	24.00	16.99
	62	2.14	2.42	4.56	6.59	-	-	2.46	2.77	5.23	7.19	24.00	16.81
6685	61	2.02	2.45	4.47	6.51	-	-	2.32	2.81	5.13	7.11	24.00	16.89
	62	2.17	2.42	4.59	6.62	-	-	2.49	2.78	5.27	7.22	24.00	16.78
6845	61	2.05	2.22	4.27	6.31	-	-	2.36	2.55	4.91	6.91	24.00	17.09
	62	2.03	2.49	4.53	6.56	-	-	2.33	2.86	5.20	7.16	24.00	16.84
6885	61	2.11	2.52	4.63	6.66	-	-	2.43	2.89	5.32	7.26	24.00	16.74
	62	1.99	2.46	4.45	6.48	-	-	2.29	2.82	5.11	7.08	24.00	16.92
6925	61	2.07	2.54	4.61	6.63	-	-	2.38	2.91	5.29	7.23	24.00	16.77
	62	2.17	2.45	4.63	6.65	-	-	2.49	2.82	5.31	7.25	24.00	16.75
7005	61	2.06	2.53	4.59	6.62	-	-	2.37	2.90	5.27	7.22	24.00	16.78
	62	2.18	2.47	4.65	6.67	-	-	2.51	2.83	5.34	7.27	24.00	16.73
7085	61	2.03	2.55	4.57	6.60	-	-	2.33	2.92	5.25	7.20	24.00	16.80
	62	2.15	2.46	4.61	6.64	-	-	2.47	2.82	5.29	7.24	24.00	16.76

ANT0									ANT1					
Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
6565	61	0.00	-10.47	3.43	9.99	0.60	2.95	3.55	-9.75	3.45	10.11	0.60	3.81	4.41
	62	0.00	-10.11	3.43	9.99	0.60	3.31	3.91	-9.73	3.45	10.11	0.60	3.83	4.43
6685	61	0.00	-10.40	3.47	9.99	0.60	3.06	3.66	-9.72	3.49	10.12	0.60	3.89	4.49
	62	0.00	-10.09	3.47	9.99	0.60	3.37	3.97	-9.77	3.49	10.12	0.60	3.84	4.44
6845	61	0.00	-10.38	3.51	9.99	0.60	3.12	3.72	-10.18	3.53	10.12	0.60	3.47	4.07
	62	0.00	-10.42	3.51	9.99	0.60	3.08	3.68	-9.68	3.53	10.12	0.60	3.97	4.57
6885	61	0.00	-10.26	3.52	9.99	0.60	3.25	3.85	-9.65	3.54	10.12	0.60	4.01	4.61
	62	0.00	-10.52	3.52	9.99	0.60	2.99	3.59	-9.75	3.54	10.12	0.60	3.91	4.51
6925	61	0.00	-10.36	3.53	9.99	0.60	3.16	3.76	-9.63	3.55	10.12	0.60	4.04	4.64
	62	0.00	-10.15	3.53	9.99	0.60	3.37	3.97	-9.77	3.55	10.12	0.60	3.90	4.50
7005	61	0.00	-10.41	3.56	9.99	0.60	3.14	3.74	-9.67	3.58	10.12	0.60	4.03	4.63
	62	0.00	-10.16	3.56	9.99	0.60	3.39	3.99	-9.78	3.58	10.12	0.60	3.92	4.52
7085	61	0.00	-10.50	3.58	9.99	0.60	3.07	3.67	-9.66	3.60	10.12	0.60	4.06	4.66
	62	0.00	-10.25	3.58	9.99	0.60	3.32	3.92	-9.81	3.60	10.12	0.60	3.91	4.51

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

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 242-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	61	0.92	1.14	2.07	3.15	-	-	1.34	1.66	3.00	4.76	24.00	19.24
	62	1.02	1.12	2.14	3.31	-	-	1.48	1.63	3.10	4.92	24.00	19.08
6205	61	1.02	1.06	2.08	3.18	-	-	1.48	1.53	3.01	4.79	24.00	19.21
	62	1.08	1.18	2.26	3.54	-	-	1.56	1.71	3.27	5.15	24.00	18.85
6405	61	0.89	1.11	2.00	3.00	-	-	1.29	1.60	2.89	4.61	24.00	19.39
	62	1.00	1.21	2.21	3.45	-	-	1.45	1.75	3.21	5.06	24.00	18.94
6445	61	0.96	1.43	2.39	3.77	-	-	1.39	2.07	3.46	5.38	24.00	18.62
	62	0.97	1.49	2.46	3.91	-	-	1.40	2.16	3.57	5.52	24.00	18.48
6485	61	0.87	1.24	2.11	3.25	-	-	1.26	1.79	3.06	4.86	24.00	19.14
	62	0.99	1.40	2.39	3.78	-	-	1.43	2.03	3.46	5.39	24.00	18.61
6525	61	1.03	1.44	2.46	3.92	-	-	1.49	2.08	3.57	5.53	24.00	18.47
	62	1.01	1.44	2.45	3.89	-	-	1.47	2.08	3.55	5.50	24.00	18.50

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
			[dBm]				[dBm]	[dBm]					[dBm]	[dBm]
5965	61	0.00	-13.59	3.27	9.98	1.61	-0.34	1.27	-12.81	3.29	10.10	1.61	0.58	2.19
	62	0.00	-13.17	3.27	9.98	1.61	0.08	1.69	-12.89	3.29	10.10	1.61	0.50	2.11
6205	61	0.00	-13.24	3.34	9.98	1.61	0.08	1.69	-13.21	3.36	10.10	1.61	0.25	1.86
	62	0.00	-12.99	3.34	9.98	1.61	0.33	1.94	-12.74	3.36	10.10	1.61	0.72	2.33
6405	61	0.00	-13.89	3.39	9.99	1.61	-0.51	1.10	-13.08	3.41	10.11	1.61	0.44	2.05
	62	0.00	-13.37	3.39	9.99	1.61	0.01	1.62	-12.69	3.41	10.11	1.61	0.83	2.44
6445	61	0.00	-13.57	3.40	9.99	1.61	-0.18	1.43	-11.99	3.42	10.11	1.61	1.54	3.15
	62	0.00	-13.53	3.40	9.99	1.61	-0.14	1.47	-11.79	3.42	10.11	1.61	1.74	3.35
6485	61	0.00	-13.99	3.41	9.99	1.61	-0.59	1.02	-12.61	3.43	10.11	1.61	0.93	2.54
	62	0.00	-13.46	3.41	9.99	1.61	-0.06	1.55	-12.08	3.43	10.11	1.61	1.46	3.07
6525	61	0.00	-13.30	3.42	9.99	1.61	0.11	1.72	-11.97	3.44	10.11	1.61	1.58	3.19
	62	0.00	-13.36	3.42	9.99	1.61	0.05	1.66	-11.98	3.44	10.11	1.61	1.57	3.18

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 242-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	61	0.90	0.89	1.79	2.53	-	-	1.03	1.03	2.05	3.13	24.00	20.87
	62	0.89	0.90	1.79	2.53	-	-	1.02	1.04	2.05	3.13	24.00	20.87
6685	61	0.84	1.03	1.87	2.72	-	-	0.97	1.18	2.15	3.32	24.00	20.68
	62	0.83	1.04	1.87	2.72	-	-	0.95	1.19	2.15	3.32	24.00	20.68
6845	61	0.77	0.92	1.69	2.28	-	-	0.88	1.06	1.94	2.88	24.00	21.12
	62	0.76	0.90	1.66	2.21	-	-	0.87	1.04	1.91	2.81	24.00	21.19
6885	61	1.05	0.92	1.97	2.95	-	-	1.20	1.06	2.26	3.55	24.00	20.45
	62	0.97	1.03	2.00	3.01	-	-	1.11	1.18	2.30	3.61	24.00	20.39
6925	61	1.01	0.92	1.93	2.85	-	-	1.16	1.06	2.21	3.45	24.00	20.55
	62	1.06	0.98	2.04	3.10	-	-	1.22	1.13	2.35	3.70	24.00	20.30
7005	61	0.90	0.94	1.84	2.65	-	-	1.04	1.08	2.11	3.25	24.00	20.75
	62	0.98	0.88	1.86	2.70	-	-	1.12	1.01	2.14	3.30	24.00	20.70
7085	61	0.95	0.93	1.88	2.75	-	-	1.10	1.06	2.16	3.35	24.00	20.65
	62	1.01	0.97	1.98	2.96	-	-	1.16	1.11	2.27	3.56	24.00	20.44

ANT0									ANT1						
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	
6565	61	0.00	-13.90	3.43	9.99	0.60	-0.48	0.12	-14.05	3.45	10.11	0.60	-0.49	0.11	
	62	0.00	-13.95	3.43	9.99	0.60	-0.53	0.07	-14.00	3.45	10.11	0.60	-0.44	0.16	
6685	61	0.00	-14.21	3.47	9.99	0.60	-0.75	-0.15	-13.49	3.49	10.12	0.60	0.12	0.72	
	62	0.00	-14.27	3.47	9.99	0.60	-0.81	-0.21	-13.44	3.49	10.12	0.60	0.17	0.77	
6845	61	0.00	-14.64	3.51	9.99	0.60	-1.14	-0.54	-14.00	3.53	10.12	0.60	-0.35	0.25	
	62	0.00	-14.69	3.51	9.99	0.60	-1.19	-0.59	-14.10	3.53	10.12	0.60	-0.45	0.15	
6885	61	0.00	-13.31	3.52	9.99	0.60	0.20	0.80	-14.00	3.54	10.12	0.60	-0.34	0.26	
	62	0.00	-13.64	3.52	9.99	0.60	-0.13	0.47	-13.53	3.54	10.12	0.60	0.13	0.73	
6925	61	0.00	-13.49	3.53	9.99	0.60	0.03	0.63	-14.03	3.55	10.12	0.60	-0.36	0.24	
	62	0.00	-13.27	3.53	9.99	0.60	0.25	0.85	-13.74	3.55	10.12	0.60	-0.07	0.53	
7005	61	0.00	-13.99	3.56	9.99	0.60	-0.44	0.16	-13.98	3.58	10.12	0.60	-0.28	0.32	
	62	0.00	-13.64	3.56	9.99	0.60	-0.09	0.51	-14.25	3.58	10.12	0.60	-0.55	0.05	
7085	61	0.00	-13.77	3.58	9.99	0.60	-0.20	0.40	-14.05	3.60	10.12	0.60	-0.33	0.27	
	62	0.00	-13.54	3.58	9.99	0.60	0.03	0.63	-13.85	3.60	10.12	0.60	-0.13	0.47	

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 11, 2024
Temperature / Humidity 23 deg. C / 50 % RH
Engineer Yuta Shiba
Mode Tx 11ax-40 (OFDMA) 484-tone RU (SDM)

ANT0 + ANT1 484-tone RU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5965	3.62	4.11	7.73	8.88	-	-	5.25	5.96	11.20	10.49	24.00	13.51
6205	3.15	3.97	7.12	8.52	-	-	4.56	5.75	10.31	10.13	24.00	13.87
6405	3.18	3.67	6.85	8.36	-	-	4.60	5.32	9.92	9.97	24.00	14.03
6445	2.94	4.71	7.65	8.84	-	-	4.27	6.82	11.09	10.45	24.00	13.55
6485	2.77	4.31	7.07	8.50	-	-	4.01	6.24	10.25	10.11	24.00	13.89
6525	2.77	4.28	7.05	8.48	-	-	4.02	6.19	10.21	10.09	24.00	13.91
6565	3.15	3.56	6.71	8.27	-	-	3.61	4.09	7.71	8.87	24.00	15.13
6685	3.34	3.48	6.83	8.34	-	-	3.84	4.00	7.84	8.94	24.00	15.06
6845	3.03	3.07	6.10	7.86	-	-	3.48	3.52	7.01	8.46	24.00	15.54
6885	3.39	3.10	6.49	8.12	-	-	3.89	3.56	7.45	8.72	24.00	15.28
6925	3.45	3.21	6.67	8.24	-	-	3.96	3.69	7.65	8.84	24.00	15.16
7005	3.25	3.37	6.62	8.21	-	-	3.73	3.87	7.61	8.81	24.00	15.19
7085	3.11	3.02	6.13	7.88	-	-	3.57	3.47	7.04	8.48	24.00	15.52

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna 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]
5965	0.00	-7.66	3.27	9.98	1.61	5.59	7.20	-7.25	3.29	10.10	1.61	6.14	7.75
6205	0.00	-8.34	3.34	9.98	1.61	4.98	6.59	-7.47	3.36	10.10	1.61	5.99	7.60
6405	0.00	-8.36	3.39	9.99	1.61	5.02	6.63	-7.87	3.41	10.11	1.61	5.65	7.26
6445	0.00	-8.70	3.40	9.99	1.61	4.69	6.30	-6.80	3.42	10.11	1.61	6.73	8.34
6485	0.00	-8.98	3.41	9.99	1.61	4.42	6.03	-7.20	3.43	10.11	1.61	6.34	7.95
6525	0.00	-8.98	3.42	9.99	1.61	4.43	6.04	-7.24	3.44	10.11	1.61	6.31	7.92
6565	0.00	-8.44	3.43	9.99	0.60	4.98	5.58	-8.04	3.45	10.11	0.60	5.52	6.12
6685	0.00	-8.22	3.47	9.99	0.60	5.24	5.84	-8.19	3.49	10.12	0.60	5.42	6.02
6845	0.00	-8.68	3.51	9.99	0.60	4.82	5.42	-8.78	3.53	10.12	0.60	4.87	5.47
6885	0.00	-8.21	3.52	9.99	0.60	5.30	5.90	-8.74	3.54	10.12	0.60	4.92	5.52
6925	0.00	-8.14	3.53	9.99	0.60	5.38	5.98	-8.60	3.55	10.12	0.60	5.07	5.67
7005	0.00	-8.43	3.56	9.99	0.60	5.12	5.72	-8.42	3.58	10.12	0.60	5.28	5.88
7085	0.00	-8.64	3.58	9.99	0.60	4.93	5.53	-8.92	3.60	10.12	0.60	4.80	5.40

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

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 484-tone RU (CDD)

ANT0 + ANT1 484-tone RU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
	ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	1.87	2.23	4.10	6.13	-	-	2.71	3.24	5.95	7.74	24.00	16.26
6205	1.65	2.11	3.77	5.76	-	-	2.39	3.06	5.46	7.37	24.00	16.63
6405	1.65	2.18	3.83	5.83	-	-	2.39	3.16	5.55	7.44	24.00	16.56
6445	1.59	2.81	4.40	6.43	-	-	2.31	4.06	6.37	8.04	24.00	15.96
6485	1.52	2.55	4.07	6.09	-	-	2.20	3.69	5.89	7.70	24.00	16.30
6525	1.60	2.70	4.29	6.33	-	-	2.31	3.91	6.22	7.94	24.00	16.06
6565	1.78	2.13	3.91	5.92	-	-	2.04	2.44	4.49	6.52	24.00	17.48
6685	1.98	2.09	4.07	6.10	-	-	2.27	2.40	4.67	6.70	24.00	17.30
6845	1.76	1.81	3.57	5.53	-	-	2.02	2.08	4.10	6.13	24.00	17.87
6885	1.85	1.71	3.56	5.51	-	-	2.12	1.96	4.08	6.11	24.00	17.89
6925	1.76	1.68	3.44	5.37	-	-	2.02	1.93	3.95	5.97	24.00	18.03
7005	1.73	1.68	3.41	5.33	-	-	1.99	1.93	3.91	5.93	24.00	18.07
7085	1.66	1.59	3.24	5.11	-	-	1.90	1.82	3.72	5.71	24.00	18.29

		ANT0						ANT1					
Tested Frequency	Duty Factor	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]
5965	0.00	-10.53	3.27	9.98	1.61	2.72	4.33	-9.90	3.29	10.10	1.61	3.49	5.10
6205	0.00	-11.14	3.34	9.98	1.61	2.18	3.79	-10.21	3.36	10.10	1.61	3.25	4.86
6405	0.00	-11.20	3.39	9.99	1.61	2.18	3.79	-10.14	3.41	10.11	1.61	3.38	4.99
6445	0.00	-11.37	3.40	9.99	1.61	2.02	3.63	-9.05	3.42	10.11	1.61	4.48	6.09
6485	0.00	-11.58	3.41	9.99	1.61	1.82	3.43	-9.48	3.43	10.11	1.61	4.06	5.67
6525	0.00	-11.38	3.42	9.99	1.61	2.03	3.64	-9.24	3.44	10.11	1.61	4.31	5.92
6565	0.00	-10.92	3.43	9.99	0.60	2.50	3.10	-10.28	3.45	10.11	0.60	3.28	3.88
6685	0.00	-10.50	3.47	9.99	0.60	2.96	3.56	-10.40	3.49	10.12	0.60	3.21	3.81
6845	0.00	-11.04	3.51	9.99	0.60	2.46	3.06	-11.07	3.53	10.12	0.60	2.58	3.18
6885	0.00	-10.84	3.52	9.99	0.60	2.67	3.27	-11.34	3.54	10.12	0.60	2.32	2.92
6925	0.00	-11.06	3.53	9.99	0.60	2.46	3.06	-11.42	3.55	10.12	0.60	2.25	2.85
7005	0.00	-11.17	3.56	9.99	0.60	2.38	2.98	-11.45	3.58	10.12	0.60	2.25	2.85
7085	0.00	-11.38	3.58	9.99	0.60	2.19	2.79	-11.71	3.60	10.12	0.60	2.01	2.61

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

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 26-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	0	0.09	0.12	0.21	-6.73	-	-		0.14	0.17	0.31	-5.12	24.00	29.12
	8	0.15	0.16	0.32	-4.99	-	-		0.22	0.24	0.46	-3.38	24.00	27.38
	17	0.10	0.11	0.21	-6.81	-	-		0.15	0.15	0.30	-5.20	24.00	29.20
6205	0	0.10	0.11	0.21	-6.83	-	-		0.15	0.15	0.30	-5.22	24.00	29.22
	8	0.13	0.14	0.27	-5.69	-	-		0.19	0.20	0.39	-4.08	24.00	28.08
	17	0.10	0.10	0.20	-6.97	-	-		0.14	0.15	0.29	-5.36	24.00	29.36
6405	0	0.09	0.11	0.19	-7.14	-	-		0.12	0.16	0.28	-5.53	24.00	29.53
	8	0.12	0.14	0.26	-5.84	-	-		0.18	0.20	0.38	-4.23	24.00	28.23
	17	0.08	0.10	0.18	-7.53	-	-		0.12	0.14	0.26	-5.92	24.00	29.92
6445	0	0.08	0.13	0.21	-6.68	-	-		0.12	0.19	0.31	-5.07	24.00	29.07
	8	0.12	0.19	0.31	-5.11	-	-		0.17	0.27	0.45	-3.50	24.00	27.50
	17	0.09	0.12	0.21	-6.79	-	-		0.12	0.18	0.30	-5.18	24.00	29.18
6485	0	0.08	0.12	0.20	-6.97	-	-		0.12	0.17	0.29	-5.36	24.00	29.36
	8	0.12	0.17	0.29	-5.30	-	-		0.18	0.25	0.43	-3.69	24.00	27.69
	17	0.08	0.13	0.21	-6.75	-	-		0.12	0.19	0.31	-5.14	24.00	29.14
6525	0	0.10	0.13	0.22	-6.55	-	-		0.14	0.18	0.32	-4.94	24.00	28.94
	8	0.13	0.19	0.32	-4.98	-	-		0.18	0.28	0.46	-3.37	24.00	27.37
	17	0.09	0.14	0.23	-6.36	-	-		0.13	0.20	0.34	-4.75	24.00	28.75

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1						
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result	
							Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5965	0	0.00	-13.51	3.27	0.00	1.61	-10.24	-8.63	-12.58	3.29	0.00	1.61	-9.29	-7.68
	8	0.00	-11.41	3.27	0.00	1.61	-8.14	-6.53	-11.16	3.29	0.00	1.61	-7.87	-6.26
	17	0.00	-13.20	3.27	0.00	1.61	-9.93	-8.32	-13.01	3.29	0.00	1.61	-9.72	-8.11
6205	0	0.00	-13.28	3.34	0.00	1.61	-9.94	-8.33	-13.10	3.36	0.00	1.61	-9.74	-8.13
	8	0.00	-12.10	3.34	0.00	1.61	-8.76	-7.15	-12.00	3.36	0.00	1.61	-8.64	-7.03
	17	0.00	-13.51	3.34	0.00	1.61	-10.17	-8.56	-13.16	3.36	0.00	1.61	-9.80	-8.19
6405	0	0.00	-14.09	3.39	0.00	1.61	-10.70	-9.09	-13.07	3.41	0.00	1.61	-9.66	-8.05
	8	0.00	-12.46	3.39	0.00	1.61	-9.07	-7.46	-12.05	3.41	0.00	1.61	-8.64	-7.03
	17	0.00	-14.33	3.39	0.00	1.61	-10.94	-9.33	-13.59	3.41	0.00	1.61	-10.18	-8.57
6445	0	0.00	-14.21	3.40	0.00	1.61	-10.81	-9.20	-12.22	3.42	0.00	1.61	-8.80	-7.19
	8	0.00	-12.63	3.40	0.00	1.61	-9.23	-7.62	-10.66	3.42	0.00	1.61	-7.24	-5.63
	17	0.00	-14.10	3.40	0.00	1.61	-10.70	-9.09	-12.47	3.42	0.00	1.61	-9.05	-7.44
6485	0	0.00	-14.28	3.41	0.00	1.61	-10.87	-9.26	-12.67	3.43	0.00	1.61	-9.24	-7.63
	8	0.00	-12.51	3.41	0.00	1.61	-9.10	-7.49	-11.08	3.43	0.00	1.61	-7.65	-6.04
	17	0.00	-14.27	3.41	0.00	1.61	-10.86	-9.25	-12.31	3.43	0.00	1.61	-8.88	-7.27
6525	0	0.00	-13.61	3.42	0.00	1.61	-10.19	-8.58	-12.45	3.44	0.00	1.61	-9.01	-7.40
	8	0.00	-12.45	3.42	0.00	1.61	-9.03	-7.42	-10.60	3.44	0.00	1.61	-7.16	-5.55
	17	0.00	-13.76	3.42	0.00	1.61	-10.34	-8.73	-12.01	3.44	0.00	1.61	-8.57	-6.96

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 26-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	0	0.08	0.09	0.17	-7.66	-	-	0.10	0.10	0.20	-7.06	24.00	31.06
	8	0.11	0.12	0.24	-6.25	-	-	0.13	0.14	0.27	-5.65	24.00	29.65
	17	0.08	0.09	0.16	-7.84	-	-	0.09	0.10	0.19	-7.24	24.00	31.24
6685	0	0.08	0.09	0.18	-7.56	-	-	0.10	0.11	0.20	-6.96	24.00	30.96
	8	0.12	0.13	0.24	-6.16	-	-	0.13	0.14	0.28	-5.56	24.00	29.56
	17	0.08	0.09	0.18	-7.53	-	-	0.10	0.11	0.20	-6.93	24.00	30.93
6845	0	0.06	0.08	0.14	-8.46	-	-	0.07	0.09	0.16	-7.86	24.00	31.86
	8	0.09	0.11	0.20	-6.93	-	-	0.10	0.13	0.23	-6.33	24.00	30.33
	17	0.06	0.09	0.15	-8.33	-	-	0.07	0.10	0.17	-7.73	24.00	31.73
6885	0	0.10	0.08	0.18	-7.50	-	-	0.12	0.09	0.20	-6.90	24.00	30.90
	8	0.11	0.12	0.24	-6.29	-	-	0.13	0.14	0.27	-5.69	24.00	29.69
	17	0.09	0.08	0.17	-7.61	-	-	0.11	0.09	0.20	-7.01	24.00	31.01
6925	0	0.09	0.08	0.18	-7.48	-	-	0.11	0.10	0.21	-6.88	24.00	30.88
	8	0.12	0.11	0.24	-6.26	-	-	0.14	0.13	0.27	-5.66	24.00	29.66
	17	0.09	0.08	0.17	-7.68	-	-	0.10	0.10	0.20	-7.08	24.00	31.08
7005	0	0.09	0.08	0.16	-7.89	-	-	0.10	0.09	0.19	-7.29	24.00	31.29
	8	0.11	0.11	0.22	-6.67	-	-	0.12	0.12	0.25	-6.07	24.00	30.07
	17	0.08	0.08	0.16	-8.01	-	-	0.09	0.09	0.18	-7.41	24.00	31.41
7085	0	0.09	0.08	0.17	-7.76	-	-	0.10	0.09	0.19	-7.16	24.00	31.16
	8	0.12	0.10	0.22	-6.62	-	-	0.14	0.11	0.25	-6.02	24.00	30.02
	17	0.08	0.07	0.15	-8.29	-	-	0.09	0.08	0.17	-7.69	24.00	31.69

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6565	0	0.00	-14.23	3.43	0.00	0.60	-10.80	-10.20	-14.00	3.45	0.00	0.60	-10.55	-9.95
	8	0.00	-12.89	3.43	0.00	0.60	-9.46	-8.86	-12.51	3.45	0.00	0.60	-9.06	-8.46
	17	0.00	-14.57	3.43	0.00	0.60	-11.14	-10.54	-14.02	3.45	0.00	0.60	-10.57	-9.97
6685	0	0.00	-14.27	3.47	0.00	0.60	-10.80	-10.20	-13.84	3.49	0.00	0.60	-10.35	-9.75
	8	0.00	-12.78	3.47	0.00	0.60	-9.31	-8.71	-12.52	3.49	0.00	0.60	-9.03	-8.43
	17	0.00	-14.18	3.47	0.00	0.60	-10.71	-10.11	-13.87	3.49	0.00	0.60	-10.38	-9.78
6845	0	0.00	-15.43	3.51	0.00	0.60	-11.92	-11.32	-14.60	3.53	0.00	0.60	-11.07	-10.47
	8	0.00	-13.98	3.51	0.00	0.60	-10.47	-9.87	-13.00	3.53	0.00	0.60	-9.47	-8.87
	17	0.00	-15.63	3.51	0.00	0.60	-12.12	-11.52	-14.21	3.53	0.00	0.60	-10.68	-10.08
6885	0	0.00	-13.46	3.52	0.00	0.60	-9.94	-9.34	-14.70	3.54	0.00	0.60	-11.16	-10.56
	8	0.00	-13.00	3.52	0.00	0.60	-9.48	-8.88	-12.66	3.54	0.00	0.60	-9.12	-8.52
	17	0.00	-13.89	3.52	0.00	0.60	-10.37	-9.77	-14.42	3.54	0.00	0.60	-10.88	-10.28
6925	0	0.00	-13.81	3.53	0.00	0.60	-10.28	-9.68	-14.26	3.55	0.00	0.60	-10.71	-10.11
	8	0.00	-12.58	3.53	0.00	0.60	-9.05	-8.45	-13.05	3.55	0.00	0.60	-9.50	-8.90
	17	0.00	-14.21	3.53	0.00	0.60	-10.68	-10.08	-14.26	3.55	0.00	0.60	-10.71	-10.11
7005	0	0.00	-14.24	3.56	0.00	0.60	-10.68	-10.08	-14.72	3.58	0.00	0.60	-11.14	-10.54
	8	0.00	-13.22	3.56	0.00	0.60	-9.66	-9.06	-13.28	3.58	0.00	0.60	-9.70	-9.10
	17	0.00	-14.68	3.56	0.00	0.60	-11.12	-10.52	-14.51	3.58	0.00	0.60	-10.93	-10.33
7085	0	0.00	-13.99	3.58	0.00	0.60	-10.41	-9.81	-14.77	3.60	0.00	0.60	-11.17	-10.57
	8	0.00	-12.84	3.58	0.00	0.60	-9.26	-8.66	-13.64	3.60	0.00	0.60	-10.04	-9.44
	17	0.00	-14.69	3.58	0.00	0.60	-11.11	-10.51	-15.10	3.60	0.00	0.60	-11.50	-10.90

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

* The Duty Factor is 0 dB, 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 20, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Takayuki Kobayashi
Mode Tx 11ax-40 (OFDMA) 26-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5965	0	0.10	0.11	0.21	-6.83	-	-	0.15	0.16	0.30	-5.22	24.00	29.22
	8	0.14	0.14	0.29	-5.45	-	-	0.20	0.21	0.41	-3.84	24.00	27.84
	17	0.09	0.10	0.19	-7.20	-	-	0.13	0.14	0.28	-5.59	24.00	29.59
6205	0	0.09	0.09	0.19	-7.26	-	-	0.14	0.14	0.27	-5.65	24.00	29.65
	8	0.12	0.12	0.24	-6.11	-	-	0.18	0.18	0.35	-4.50	24.00	28.50
	17	0.09	0.10	0.18	-7.44	-	-	0.12	0.14	0.26	-5.83	24.00	29.83
6405	0	0.08	0.09	0.17	-7.77	-	-	0.11	0.13	0.24	-6.16	24.00	30.16
	8	0.11	0.13	0.24	-6.18	-	-	0.16	0.19	0.35	-4.57	24.00	28.57
	17	0.07	0.09	0.16	-7.90	-	-	0.11	0.13	0.23	-6.29	24.00	30.29
6445	0	0.08	0.12	0.20	-6.96	-	-	0.11	0.18	0.29	-5.35	24.00	29.35
	8	0.11	0.14	0.25	-6.00	-	-	0.16	0.21	0.36	-4.39	24.00	28.39
	17	0.08	0.12	0.19	-7.11	-	-	0.11	0.17	0.28	-5.50	24.00	29.50
6485	0	0.08	0.11	0.19	-7.11	-	-	0.12	0.16	0.28	-5.50	24.00	29.50
	8	0.10	0.16	0.26	-5.81	-	-	0.15	0.23	0.38	-4.20	24.00	28.20
	17	0.07	0.12	0.19	-7.17	-	-	0.11	0.17	0.28	-5.56	24.00	29.56
6525	0	0.09	0.12	0.21	-6.77	-	-	0.13	0.18	0.30	-5.16	24.00	29.16
	8	0.12	0.17	0.28	-5.47	-	-	0.17	0.24	0.41	-3.86	24.00	27.86
	17	0.08	0.12	0.20	-7.02	-	-	0.12	0.17	0.29	-5.41	24.00	29.41

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result	
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5965	0	0.00	-13.26	3.27	0.00	1.61	-9.99	-8.38	-12.99	3.29	0.00	1.61	-9.70	-8.09
	8	0.00	-11.78	3.27	0.00	1.61	-8.51	-6.90	-11.70	3.29	0.00	1.61	-8.41	-6.80
	17	0.00	-13.60	3.27	0.00	1.61	-10.33	-8.72	-13.38	3.29	0.00	1.61	-10.09	-8.48
6205	0	0.00	-13.62	3.34	0.00	1.61	-10.28	-8.67	-13.63	3.36	0.00	1.61	-10.27	-8.66
	8	0.00	-12.46	3.34	0.00	1.61	-9.12	-7.51	-12.48	3.36	0.00	1.61	-9.12	-7.51
	17	0.00	-14.03	3.34	0.00	1.61	-10.69	-9.08	-13.58	3.36	0.00	1.61	-10.22	-8.61
6405	0	0.00	-14.54	3.39	0.00	1.61	-11.15	-9.54	-13.85	3.41	0.00	1.61	-10.44	-8.83
	8	0.00	-12.99	3.39	0.00	1.61	-9.60	-7.99	-12.22	3.41	0.00	1.61	-8.81	-7.20
	17	0.00	-14.69	3.39	0.00	1.61	-11.30	-9.69	-13.97	3.41	0.00	1.61	-10.56	-8.95
6445	0	0.00	-14.55	3.40	0.00	1.61	-11.15	-9.54	-12.47	3.42	0.00	1.61	-9.05	-7.44
	8	0.00	-13.03	3.40	0.00	1.61	-9.63	-8.02	-11.89	3.42	0.00	1.61	-8.47	-6.86
	17	0.00	-14.44	3.40	0.00	1.61	-11.04	-9.43	-12.78	3.42	0.00	1.61	-9.36	-7.75
6485	0	0.00	-14.22	3.41	0.00	1.61	-10.81	-9.20	-12.95	3.43	0.00	1.61	-9.52	-7.91
	8	0.00	-13.23	3.41	0.00	1.61	-9.82	-8.21	-11.43	3.43	0.00	1.61	-8.00	-6.39
	17	0.00	-14.67	3.41	0.00	1.61	-11.26	-9.65	-12.74	3.43	0.00	1.61	-9.31	-7.70
6525	0	0.00	-13.96	3.42	0.00	1.61	-10.54	-8.93	-12.58	3.44	0.00	1.61	-9.14	-7.53
	8	0.00	-12.79	3.42	0.00	1.61	-9.37	-7.76	-11.19	3.44	0.00	1.61	-7.75	-6.14
	17	0.00	-14.22	3.42	0.00	1.61	-10.80	-9.19	-12.82	3.44	0.00	1.61	-9.38	-7.77

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 20, 2024

Temperature / Humidity 25 deg. C / 43 % RH
Engineer Takayuki Kobayashi
Mode Tx 11ax-40 (OFDMA) 26-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6565	0	0.08	0.08	0.16	-8.05	-	-	0.09	0.09	0.18	-7.45	24.00	31.45
	8	0.10	0.11	0.21	-6.71	-	-	0.12	0.13	0.25	-6.11	24.00	30.11
	17	0.07	0.08	0.15	-8.13	-	-	0.08	0.09	0.18	-7.53	24.00	31.53
6685	0	0.08	0.09	0.16	-7.84	-	-	0.09	0.10	0.19	-7.24	24.00	31.24
	8	0.11	0.11	0.22	-6.60	-	-	0.12	0.13	0.25	-6.00	24.00	30.00
	17	0.08	0.08	0.16	-7.94	-	-	0.09	0.10	0.18	-7.34	24.00	31.34
6845	0	0.06	0.07	0.13	-8.78	-	-	0.07	0.08	0.15	-8.18	24.00	32.18
	8	0.08	0.10	0.19	-7.32	-	-	0.10	0.12	0.21	-6.72	24.00	30.72
	17	0.05	0.08	0.13	-8.83	-	-	0.06	0.09	0.15	-8.23	24.00	32.23
6885	0	0.09	0.09	0.18	-7.50	-	-	0.11	0.10	0.20	-6.90	24.00	30.90
	8	0.13	0.10	0.23	-6.38	-	-	0.14	0.12	0.26	-5.78	24.00	29.78
	17	0.09	0.08	0.16	-7.87	-	-	0.10	0.09	0.19	-7.27	24.00	31.27
6925	0	0.08	0.07	0.15	-8.22	-	-	0.09	0.08	0.17	-7.62	24.00	31.62
	8	0.11	0.10	0.22	-6.64	-	-	0.13	0.12	0.25	-6.04	24.00	30.04
	17	0.08	0.07	0.15	-8.20	-	-	0.09	0.08	0.17	-7.60	24.00	31.60
7005	0	0.08	0.08	0.16	-7.98	-	-	0.09	0.09	0.18	-7.38	24.00	31.38
	8	0.10	0.11	0.21	-6.74	-	-	0.12	0.12	0.24	-6.14	24.00	30.14
	17	0.07	0.07	0.15	-8.38	-	-	0.08	0.09	0.17	-7.78	24.00	31.78
7085	0	0.07	0.08	0.15	-8.36	-	-	0.08	0.09	0.17	-7.76	24.00	31.76
	8	0.09	0.09	0.18	-7.38	-	-	0.10	0.11	0.21	-6.78	24.00	30.78
	17	0.08	0.07	0.14	-8.51	-	-	0.09	0.07	0.16	-7.91	24.00	31.91

			ANT0					ANT1						
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
							[dBm]	[dBm]	[dBm]				[dBm]	[dBm]
6565	0	0.00	-14.66	3.43	0.00	0.60	-11.23	-10.63	-14.34	3.45	0.00	0.60	-10.89	-10.29
	8	0.00	-13.30	3.43	0.00	0.60	-9.87	-9.27	-13.02	3.45	0.00	0.60	-9.57	-8.97
	17	0.00	-14.80	3.43	0.00	0.60	-11.37	-10.77	-14.37	3.45	0.00	0.60	-10.92	-10.32
6685	0	0.00	-14.51	3.47	0.00	0.60	-11.04	-10.44	-14.15	3.49	0.00	0.60	-10.66	-10.06
	8	0.00	-13.24	3.47	0.00	0.60	-9.77	-9.17	-12.94	3.49	0.00	0.60	-9.45	-8.85
	17	0.00	-14.61	3.47	0.00	0.60	-11.14	-10.54	-14.25	3.49	0.00	0.60	-10.76	-10.16
6845	0	0.00	-15.76	3.51	0.00	0.60	-12.25	-11.65	-14.90	3.53	0.00	0.60	-11.37	-10.77
	8	0.00	-14.30	3.51	0.00	0.60	-10.79	-10.19	-13.44	3.53	0.00	0.60	-9.91	-9.31
	17	0.00	-16.12	3.51	0.00	0.60	-12.61	-12.01	-14.72	3.53	0.00	0.60	-11.19	-10.59
6885	0	0.00	-13.88	3.52	0.00	0.60	-10.36	-9.76	-14.21	3.54	0.00	0.60	-10.67	-10.07
	8	0.00	-12.54	3.52	0.00	0.60	-9.02	-8.42	-13.33	3.54	0.00	0.60	-9.79	-9.19
	17	0.00	-14.21	3.52	0.00	0.60	-10.69	-10.09	-14.61	3.54	0.00	0.60	-11.07	-10.47
6925	0	0.00	-14.46	3.53	0.00	0.60	-10.93	-10.33	-15.10	3.55	0.00	0.60	-11.55	-10.95
	8	0.00	-12.95	3.53	0.00	0.60	-9.42	-8.82	-13.44	3.55	0.00	0.60	-9.89	-9.29
	17	0.00	-14.56	3.53	0.00	0.60	-11.03	-10.43	-14.95	3.55	0.00	0.60	-11.40	-10.80
7005	0	0.00	-14.42	3.56	0.00	0.60	-10.86	-10.26	-14.70	3.58	0.00	0.60	-11.12	-10.52
	8	0.00	-13.36	3.56	0.00	0.60	-9.80	-9.20	-13.29	3.58	0.00	0.60	-9.71	-9.11
	17	0.00	-15.06	3.56	0.00	0.60	-11.50	-10.90	-14.87	3.58	0.00	0.60	-11.29	-10.69
7085	0	0.00	-15.10	3.58	0.00	0.60	-11.52	-10.92	-14.82	3.60	0.00	0.60	-11.22	-10.62
	8	0.00	-14.08	3.58	0.00	0.60	-10.50	-9.90	-13.89	3.60	0.00	0.60	-10.29	-9.69
	17	0.00	-14.79	3.58	0.00	0.60	-11.21	-10.61	-15.46	3.60	0.00	0.60	-11.86	-11.26

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 52-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	37	0.11	0.12	0.23	-6.37	-	-	0.16	0.17	0.33	-4.76	24.00	28.76
	40	0.14	0.16	0.29	-5.36	-	-	0.20	0.23	0.42	-3.75	24.00	27.75
	44	0.10	0.11	0.22	-6.63	-	-	0.15	0.16	0.31	-5.02	24.00	29.02
6205	37	0.10	0.11	0.21	-6.71	-	-	0.14	0.17	0.31	-5.10	24.00	29.10
	40	0.13	0.15	0.28	-5.49	-	-	0.19	0.22	0.41	-3.88	24.00	27.88
	44	0.10	0.11	0.20	-6.89	-	-	0.14	0.15	0.30	-5.28	24.00	29.28
6405	37	0.09	0.11	0.20	-7.02	-	-	0.13	0.15	0.29	-5.41	24.00	29.41
	40	0.12	0.14	0.26	-5.87	-	-	0.18	0.20	0.37	-4.26	24.00	28.26
	44	0.09	0.10	0.18	-7.33	-	-	0.12	0.14	0.27	-5.72	24.00	29.72
6445	37	0.09	0.14	0.23	-6.41	-	-	0.13	0.20	0.33	-4.80	24.00	28.80
	40	0.12	0.19	0.31	-5.13	-	-	0.17	0.27	0.44	-3.52	24.00	27.52
	44	0.09	0.14	0.22	-6.51	-	-	0.13	0.20	0.32	-4.90	24.00	28.90
6485	37	0.09	0.12	0.22	-6.67	-	-	0.13	0.18	0.31	-5.06	24.00	29.06
	40	0.11	0.17	0.28	-5.53	-	-	0.16	0.24	0.41	-3.92	24.00	27.92
	44	0.09	0.11	0.20	-6.95	-	-	0.13	0.17	0.29	-5.34	24.00	29.34
6525	37	0.10	0.13	0.23	-6.37	-	-	0.14	0.19	0.33	-4.76	24.00	28.76
	40	0.13	0.18	0.31	-5.09	-	-	0.19	0.26	0.45	-3.48	24.00	27.48
	44	0.09	0.15	0.24	-6.23	-	-	0.13	0.21	0.35	-4.62	24.00	28.62

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5965	37	0.00	-12.75	3.27	0.00	1.61	-9.48	-7.87	-12.58	3.29	0.00	1.61	-9.29	-7.68
	40	0.00	-11.96	3.27	0.00	1.61	-8.69	-7.08	-11.36	3.29	0.00	1.61	-8.07	-6.46
	44	0.00	-13.06	3.27	0.00	1.61	-9.79	-8.18	-12.78	3.29	0.00	1.61	-9.49	-7.88
6205	37	0.00	-13.38	3.34	0.00	1.61	-10.04	-8.43	-12.79	3.36	0.00	1.61	-9.43	-7.82
	40	0.00	-12.09	3.34	0.00	1.61	-8.75	-7.14	-11.63	3.36	0.00	1.61	-8.27	-6.66
	44	0.00	-13.43	3.34	0.00	1.61	-10.09	-8.48	-13.07	3.36	0.00	1.61	-9.71	-8.10
6405	37	0.00	-13.74	3.39	0.00	1.61	-10.35	-8.74	-13.15	3.41	0.00	1.61	-9.74	-8.13
	40	0.00	-12.47	3.39	0.00	1.61	-9.08	-7.47	-12.10	3.41	0.00	1.61	-8.69	-7.08
	44	0.00	-14.07	3.39	0.00	1.61	-10.68	-9.07	-13.44	3.41	0.00	1.61	-10.03	-8.42
6445	37	0.00	-13.92	3.40	0.00	1.61	-10.52	-8.91	-11.96	3.42	0.00	1.61	-8.54	-6.93
	40	0.00	-12.64	3.40	0.00	1.61	-9.24	-7.63	-10.69	3.42	0.00	1.61	-7.27	-5.66
	44	0.00	-13.94	3.40	0.00	1.61	-10.54	-8.93	-12.11	3.42	0.00	1.61	-8.69	-7.08
6485	37	0.00	-13.76	3.41	0.00	1.61	-10.35	-8.74	-12.53	3.43	0.00	1.61	-9.10	-7.49
	40	0.00	-12.88	3.41	0.00	1.61	-9.47	-7.86	-11.21	3.43	0.00	1.61	-7.78	-6.17
	44	0.00	-14.01	3.41	0.00	1.61	-10.60	-8.99	-12.83	3.43	0.00	1.61	-9.40	-7.79
6525	37	0.00	-13.52	3.42	0.00	1.61	-10.10	-8.49	-12.20	3.44	0.00	1.61	-8.76	-7.15
	40	0.00	-12.32	3.42	0.00	1.61	-8.90	-7.29	-10.87	3.44	0.00	1.61	-7.43	-5.82
	44	0.00	-13.77	3.42	0.00	1.61	-10.35	-8.74	-11.79	3.44	0.00	1.61	-8.35	-6.74

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

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 52-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6565	37	0.09	0.09	0.18	-7.46	-	-	0.10	0.11	0.21	-6.86	24.00	30.86
	40	0.11	0.12	0.24	-6.29	-	-	0.13	0.14	0.27	-5.69	24.00	29.69
	44	0.09	0.09	0.18	-7.44	-	-	0.10	0.11	0.21	-6.84	24.00	30.84
6685	37	0.08	0.11	0.19	-7.26	-	-	0.09	0.12	0.22	-6.66	24.00	30.66
	40	0.11	0.14	0.25	-5.96	-	-	0.13	0.16	0.29	-5.36	24.00	29.36
	44	0.09	0.09	0.18	-7.42	-	-	0.10	0.11	0.21	-6.82	24.00	30.82
6845	37	0.07	0.08	0.15	-8.33	-	-	0.08	0.09	0.17	-7.73	24.00	31.73
	40	0.09	0.11	0.20	-7.04	-	-	0.10	0.13	0.23	-6.44	24.00	30.44
	44	0.07	0.08	0.14	-8.44	-	-	0.07	0.09	0.16	-7.84	24.00	31.84
6885	37	0.10	0.08	0.18	-7.41	-	-	0.12	0.09	0.21	-6.81	24.00	30.81
	40	0.13	0.11	0.24	-6.23	-	-	0.15	0.12	0.27	-5.63	24.00	29.63
	44	0.10	0.09	0.18	-7.41	-	-	0.11	0.10	0.21	-6.81	24.00	30.81
6925	37	0.10	0.09	0.19	-7.27	-	-	0.11	0.10	0.22	-6.67	24.00	30.67
	40	0.12	0.11	0.24	-6.24	-	-	0.14	0.13	0.27	-5.64	24.00	29.64
	44	0.09	0.08	0.17	-7.75	-	-	0.10	0.09	0.19	-7.15	24.00	31.15
7005	37	0.08	0.09	0.17	-7.63	-	-	0.10	0.10	0.20	-7.03	24.00	31.03
	40	0.11	0.11	0.22	-6.48	-	-	0.13	0.13	0.26	-5.88	24.00	29.88
	44	0.08	0.09	0.17	-7.71	-	-	0.09	0.10	0.19	-7.11	24.00	31.11
7085	37	0.09	0.08	0.17	-7.70	-	-	0.10	0.09	0.19	-7.10	24.00	31.10
	40	0.12	0.10	0.22	-6.61	-	-	0.14	0.11	0.25	-6.01	24.00	30.01
	44	0.08	0.07	0.16	-8.04	-	-	0.10	0.08	0.18	-7.44	24.00	31.44

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6565	37	0.00	-14.07	3.43	0.00	0.60	-10.64	-10.04	-13.76	3.45	0.00	0.60	-10.31	-9.71
	40	0.00	-12.99	3.43	0.00	0.60	-9.56	-8.96	-12.50	3.45	0.00	0.60	-9.05	-8.45
	44	0.00	-14.06	3.43	0.00	0.60	-10.63	-10.03	-13.73	3.45	0.00	0.60	-10.28	-9.68
6685	37	0.00	-14.37	3.47	0.00	0.60	-10.90	-10.30	-13.21	3.49	0.00	0.60	-9.72	-9.12
	40	0.00	-12.89	3.47	0.00	0.60	-9.42	-8.82	-12.05	3.49	0.00	0.60	-8.56	-7.96
	44	0.00	-14.10	3.47	0.00	0.60	-10.63	-10.03	-13.73	3.49	0.00	0.60	-10.24	-9.64
6845	37	0.00	-15.29	3.51	0.00	0.60	-11.78	-11.18	-14.47	3.53	0.00	0.60	-10.94	-10.34
	40	0.00	-14.06	3.51	0.00	0.60	-10.55	-9.95	-13.14	3.53	0.00	0.60	-9.61	-9.01
	44	0.00	-15.36	3.51	0.00	0.60	-11.85	-11.25	-14.61	3.53	0.00	0.60	-11.08	-10.48
6885	37	0.00	-13.44	3.52	0.00	0.60	-9.92	-9.32	-14.52	3.54	0.00	0.60	-10.98	-10.38
	40	0.00	-12.34	3.52	0.00	0.60	-8.82	-8.22	-13.24	3.54	0.00	0.60	-9.70	-9.10
	44	0.00	-13.71	3.52	0.00	0.60	-10.19	-9.59	-14.21	3.54	0.00	0.60	-10.67	-10.07
6925	37	0.00	-13.61	3.53	0.00	0.60	-10.08	-9.48	-14.05	3.55	0.00	0.60	-10.50	-9.90
	40	0.00	-12.59	3.53	0.00	0.60	-9.06	-8.46	-13.00	3.55	0.00	0.60	-9.45	-8.85
	44	0.00	-14.07	3.53	0.00	0.60	-10.54	-9.94	-14.55	3.55	0.00	0.60	-11.00	-10.40
7005	37	0.00	-14.27	3.56	0.00	0.60	-10.71	-10.11	-14.16	3.58	0.00	0.60	-10.58	-9.98
	40	0.00	-13.09	3.56	0.00	0.60	-9.53	-8.93	-13.04	3.58	0.00	0.60	-9.46	-8.86
	44	0.00	-14.57	3.56	0.00	0.60	-11.01	-10.41	-14.02	3.58	0.00	0.60	-10.44	-9.84
7085	37	0.00	-13.97	3.58	0.00	0.60	-10.39	-9.79	-14.66	3.60	0.00	0.60	-11.06	-10.46
	40	0.00	-12.73	3.58	0.00	0.60	-9.15	-8.55	-13.74	3.60	0.00	0.60	-10.14	-9.54
	44	0.00	-14.38	3.58	0.00	0.60	-10.80	-10.20	-14.92	3.60	0.00	0.60	-11.32	-10.72

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 20, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Takayuki Kobayashi
Mode Tx 11ax-40 (OFDMA) 52-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	37	0.10	0.10	0.20	-6.97	-	-	0.14	0.15	0.29	-5.36	24.00	29.36
	40	0.13	0.14	0.27	-5.68	-	-	0.19	0.20	0.39	-4.07	24.00	28.07
	44	0.09	0.11	0.21	-6.81	-	-	0.14	0.17	0.30	-5.20	24.00	29.20
6205	37	0.10	0.11	0.21	-6.82	-	-	0.14	0.16	0.30	-5.21	24.00	29.21
	40	0.13	0.14	0.26	-5.80	-	-	0.18	0.20	0.38	-4.19	24.00	28.19
	44	0.09	0.10	0.19	-7.11	-	-	0.14	0.15	0.28	-5.50	24.00	29.50
6405	37	0.08	0.10	0.18	-7.36	-	-	0.11	0.15	0.27	-5.75	24.00	29.75
	40	0.11	0.14	0.25	-6.05	-	-	0.16	0.20	0.36	-4.44	24.00	28.44
	44	0.08	0.10	0.18	-7.35	-	-	0.12	0.15	0.27	-5.74	24.00	29.74
6445	37	0.08	0.12	0.20	-7.03	-	-	0.12	0.17	0.29	-5.42	24.00	29.42
	40	0.12	0.15	0.27	-5.62	-	-	0.17	0.22	0.40	-4.01	24.00	28.01
	44	0.09	0.11	0.20	-7.02	-	-	0.13	0.16	0.29	-5.41	24.00	29.41
6485	37	0.08	0.10	0.19	-7.22	-	-	0.12	0.15	0.27	-5.61	24.00	29.61
	40	0.11	0.18	0.29	-5.38	-	-	0.16	0.26	0.42	-3.77	24.00	27.77
	44	0.09	0.12	0.21	-6.87	-	-	0.12	0.17	0.30	-5.26	24.00	29.26
6525	37	0.10	0.11	0.21	-6.71	-	-	0.14	0.16	0.31	-5.10	24.00	29.10
	40	0.12	0.15	0.26	-5.80	-	-	0.17	0.21	0.38	-4.19	24.00	28.19
	44	0.09	0.13	0.23	-6.43	-	-	0.14	0.19	0.33	-4.82	24.00	28.82

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5965	37	0.00	-13.44	3.27	0.00	1.61	-10.17	-8.56	-13.08	3.29	0.00	1.61	-9.79	-8.18
	40	0.00	-12.06	3.27	0.00	1.61	-8.79	-7.18	-11.88	3.29	0.00	1.61	-8.59	-6.98
	44	0.00	-13.55	3.27	0.00	1.61	-10.28	-8.67	-12.69	3.29	0.00	1.61	-9.40	-7.79
6205	37	0.00	-13.34	3.34	0.00	1.61	-10.00	-8.39	-13.02	3.36	0.00	1.61	-9.66	-8.05
	40	0.00	-12.37	3.34	0.00	1.61	-9.03	-7.42	-11.96	3.36	0.00	1.61	-8.60	-6.99
	44	0.00	-13.63	3.34	0.00	1.61	-10.29	-8.68	-13.32	3.36	0.00	1.61	-9.96	-8.35
6405	37	0.00	-14.42	3.39	0.00	1.61	-11.03	-9.42	-13.21	3.41	0.00	1.61	-9.80	-8.19
	40	0.00	-13.02	3.39	0.00	1.61	-9.63	-8.02	-11.96	3.41	0.00	1.61	-8.55	-6.94
	44	0.00	-14.25	3.39	0.00	1.61	-10.86	-9.25	-13.32	3.41	0.00	1.61	-9.91	-8.30
6445	37	0.00	-14.26	3.40	0.00	1.61	-10.86	-9.25	-12.77	3.42	0.00	1.61	-9.35	-7.74
	40	0.00	-12.59	3.40	0.00	1.61	-9.19	-7.58	-11.55	3.42	0.00	1.61	-8.13	-6.52
	44	0.00	-13.80	3.40	0.00	1.61	-10.40	-8.79	-13.11	3.42	0.00	1.61	-9.69	-8.08
6485	37	0.00	-14.12	3.41	0.00	1.61	-10.71	-9.10	-13.23	3.43	0.00	1.61	-9.80	-8.19
	40	0.00	-12.85	3.41	0.00	1.61	-9.44	-7.83	-10.97	3.43	0.00	1.61	-7.54	-5.93
	44	0.00	-14.08	3.41	0.00	1.61	-10.67	-9.06	-12.65	3.43	0.00	1.61	-9.22	-7.61
6525	37	0.00	-13.44	3.42	0.00	1.61	-10.02	-8.41	-12.88	3.44	0.00	1.61	-9.44	-7.83
	40	0.00	-12.77	3.42	0.00	1.61	-9.35	-7.74	-11.77	3.44	0.00	1.61	-8.33	-6.72
	44	0.00	-13.68	3.42	0.00	1.61	-10.26	-8.65	-12.19	3.44	0.00	1.61	-8.75	-7.14

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 20, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Takayuki Kobayashi
Mode Tx 11ax-40 (OFDMA) 52-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6565	37	0.08	0.09	0.17	-7.75	-	-	0.09	0.10	0.19	-7.15	24.00	31.15
	40	0.11	0.11	0.22	-6.63	-	-	0.12	0.13	0.25	-6.03	24.00	30.03
	44	0.08	0.09	0.17	-7.65	-	-	0.09	0.10	0.20	-7.05	24.00	31.05
6685	37	0.09	0.10	0.18	-7.42	-	-	0.10	0.11	0.21	-6.82	24.00	30.82
	40	0.11	0.12	0.23	-6.36	-	-	0.13	0.14	0.27	-5.76	24.00	29.76
	44	0.08	0.09	0.17	-7.72	-	-	0.09	0.11	0.19	-7.12	24.00	31.12
6845	37	0.07	0.08	0.15	-8.30	-	-	0.08	0.09	0.17	-7.70	24.00	31.70
	40	0.09	0.11	0.19	-7.10	-	-	0.10	0.12	0.22	-6.50	24.00	30.50
	44	0.06	0.07	0.14	-8.66	-	-	0.07	0.09	0.16	-8.06	24.00	32.06
6885	37	0.09	0.09	0.18	-7.54	-	-	0.10	0.10	0.20	-6.94	24.00	30.94
	40	0.11	0.10	0.21	-6.72	-	-	0.13	0.12	0.24	-6.12	24.00	30.12
	44	0.09	0.08	0.17	-7.63	-	-	0.10	0.10	0.20	-7.03	24.00	31.03
6925	37	0.09	0.09	0.17	-7.60	-	-	0.10	0.10	0.20	-7.00	24.00	31.00
	40	0.11	0.11	0.22	-6.52	-	-	0.13	0.13	0.26	-5.92	24.00	29.92
	44	0.09	0.08	0.16	-7.89	-	-	0.10	0.09	0.19	-7.29	24.00	31.29
7005	37	0.09	0.08	0.17	-7.77	-	-	0.10	0.09	0.19	-7.17	24.00	31.17
	40	0.11	0.10	0.20	-6.95	-	-	0.12	0.11	0.23	-6.35	24.00	30.35
	44	0.08	0.08	0.16	-8.09	-	-	0.09	0.09	0.18	-7.49	24.00	31.49
7085	37	0.07	0.07	0.15	-8.35	-	-	0.08	0.08	0.17	-7.75	24.00	31.75
	40	0.11	0.09	0.21	-6.85	-	-	0.13	0.11	0.24	-6.25	24.00	30.25
	44	0.08	0.07	0.15	-8.18	-	-	0.09	0.08	0.17	-7.58	24.00	31.58

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6565	37	0.00	-14.27	3.43	0.00	0.60	-10.84	-10.24	-14.14	3.45	0.00	0.60	-10.69	-10.09
	40	0.00	-13.19	3.43	0.00	0.60	-9.76	-9.16	-12.98	3.45	0.00	0.60	-9.53	-8.93
	44	0.00	-14.38	3.43	0.00	0.60	-10.95	-10.35	-13.84	3.45	0.00	0.60	-10.39	-9.79
6685	37	0.00	-14.13	3.47	0.00	0.60	-10.66	-10.06	-13.71	3.49	0.00	0.60	-10.22	-9.62
	40	0.00	-13.05	3.47	0.00	0.60	-9.58	-8.98	-12.66	3.49	0.00	0.60	-9.17	-8.57
	44	0.00	-14.59	3.47	0.00	0.60	-11.12	-10.52	-13.86	3.49	0.00	0.60	-10.37	-9.77
6845	37	0.00	-15.30	3.51	0.00	0.60	-11.79	-11.19	-14.41	3.53	0.00	0.60	-10.88	-10.28
	40	0.00	-14.14	3.51	0.00	0.60	-10.63	-10.03	-13.18	3.53	0.00	0.60	-9.65	-9.05
	44	0.00	-15.60	3.51	0.00	0.60	-12.09	-11.49	-14.81	3.53	0.00	0.60	-11.28	-10.68
6885	37	0.00	-14.16	3.52	0.00	0.60	-10.64	-10.04	-14.00	3.54	0.00	0.60	-10.46	-9.86
	40	0.00	-13.11	3.52	0.00	0.60	-9.59	-8.99	-13.42	3.54	0.00	0.60	-9.88	-9.28
	44	0.00	-14.00	3.52	0.00	0.60	-10.48	-9.88	-14.34	3.54	0.00	0.60	-10.80	-10.20
6925	37	0.00	-14.12	3.53	0.00	0.60	-10.59	-9.99	-14.18	3.55	0.00	0.60	-10.63	-10.03
	40	0.00	-13.05	3.53	0.00	0.60	-9.52	-8.92	-13.09	3.55	0.00	0.60	-9.54	-8.94
	44	0.00	-14.23	3.53	0.00	0.60	-10.70	-10.10	-14.65	3.55	0.00	0.60	-11.10	-10.50
7005	37	0.00	-14.17	3.56	0.00	0.60	-10.61	-10.01	-14.54	3.58	0.00	0.60	-10.96	-10.36
	40	0.00	-13.34	3.56	0.00	0.60	-9.78	-9.18	-13.72	3.58	0.00	0.60	-10.14	-9.54
	44	0.00	-14.73	3.56	0.00	0.60	-11.17	-10.57	-14.62	3.58	0.00	0.60	-11.04	-10.44
7085	37	0.00	-14.94	3.58	0.00	0.60	-11.36	-10.76	-14.96	3.60	0.00	0.60	-11.36	-10.76
	40	0.00	-13.05	3.58	0.00	0.60	-9.47	-8.87	-13.88	3.60	0.00	0.60	-10.28	-9.68
	44	0.00	-14.45	3.58	0.00	0.60	-10.87	-10.27	-15.14	3.60	0.00	0.60	-11.54	-10.94

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 106 -tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	53	0.12	0.13	0.25	-6.06	-	-	0.17	0.19	0.36	-4.45	24.00	28.45
	54	0.15	0.16	0.31	-5.10	-	-	0.22	0.23	0.45	-3.49	24.00	27.49
	56	0.11	0.12	0.23	-6.29	-	-	0.16	0.18	0.34	-4.68	24.00	28.68
6205	53	0.11	0.11	0.22	-6.54	-	-	0.16	0.16	0.32	-4.93	24.00	28.93
	54	0.13	0.14	0.27	-5.70	-	-	0.19	0.20	0.39	-4.09	24.00	28.09
	56	0.11	0.11	0.22	-6.56	-	-	0.15	0.17	0.32	-4.95	24.00	28.95
6405	53	0.09	0.11	0.20	-6.95	-	-	0.14	0.16	0.29	-5.34	24.00	29.34
	54	0.12	0.14	0.25	-5.94	-	-	0.17	0.20	0.37	-4.33	24.00	28.33
	56	0.09	0.11	0.20	-7.05	-	-	0.13	0.16	0.29	-5.44	24.00	29.44
6445	53	0.09	0.15	0.24	-6.17	-	-	0.13	0.22	0.35	-4.56	24.00	28.56
	54	0.12	0.18	0.30	-5.25	-	-	0.17	0.26	0.43	-3.64	24.00	27.64
	56	0.10	0.15	0.24	-6.15	-	-	0.14	0.21	0.35	-4.54	24.00	28.54
6485	53	0.10	0.14	0.24	-6.26	-	-	0.15	0.20	0.34	-4.65	24.00	28.65
	54	0.09	0.14	0.23	-6.29	-	-	0.13	0.21	0.34	-4.68	24.00	28.68
	56	0.09	0.14	0.23	-6.35	-	-	0.14	0.20	0.34	-4.74	24.00	28.74
6525	53	0.11	0.14	0.25	-6.07	-	-	0.15	0.21	0.36	-4.46	24.00	28.46
	54	0.13	0.17	0.30	-5.23	-	-	0.18	0.25	0.43	-3.62	24.00	27.62
	56	0.10	0.16	0.26	-5.93	-	-	0.14	0.23	0.37	-4.32	24.00	28.32

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	
5965	53	0.00	-12.54	3.27	0.00	1.61	-9.27	-7.66	-12.17	3.29	0.00	1.61	-8.88	-7.27	
	54	0.00	-11.45	3.27	0.00	1.61	-8.18	-6.57	-11.34	3.29	0.00	1.61	-8.05	-6.44	
	56	0.00	-12.75	3.27	0.00	1.61	-9.48	-7.87	-12.42	3.29	0.00	1.61	-9.13	-7.52	
6205	53	0.00	-12.93	3.34	0.00	1.61	-9.59	-7.98	-12.88	3.36	0.00	1.61	-9.52	-7.91	
	54	0.00	-12.17	3.34	0.00	1.61	-8.83	-7.22	-11.95	3.36	0.00	1.61	-8.59	-6.98	
	56	0.00	-13.09	3.34	0.00	1.61	-9.75	-8.14	-12.76	3.36	0.00	1.61	-9.40	-7.79	
6405	53	0.00	-13.67	3.39	0.00	1.61	-10.28	-8.67	-13.07	3.41	0.00	1.61	-9.66	-8.05	
	54	0.00	-12.75	3.39	0.00	1.61	-9.36	-7.75	-11.99	3.41	0.00	1.61	-8.58	-6.97	
	56	0.00	-13.85	3.39	0.00	1.61	-10.46	-8.85	-13.11	3.41	0.00	1.61	-9.70	-8.09	
6445	53	0.00	-13.76	3.40	0.00	1.61	-10.36	-8.75	-11.67	3.42	0.00	1.61	-8.25	-6.64	
	54	0.00	-12.66	3.40	0.00	1.61	-9.26	-7.65	-10.87	3.42	0.00	1.61	-7.45	-5.84	
	56	0.00	-13.53	3.40	0.00	1.61	-10.13	-8.52	-11.78	3.42	0.00	1.61	-8.36	-6.75	
6485	53	0.00	-13.37	3.41	0.00	1.61	-9.96	-8.35	-12.10	3.43	0.00	1.61	-8.67	-7.06	
	54	0.00	-13.78	3.41	0.00	1.61	-10.37	-8.76	-11.88	3.43	0.00	1.61	-8.45	-6.84	
	56	0.00	-13.71	3.41	0.00	1.61	-10.30	-8.69	-12.01	3.43	0.00	1.61	-8.58	-6.97	
6525	53	0.00	-13.19	3.42	0.00	1.61	-9.77	-8.16	-11.93	3.44	0.00	1.61	-8.49	-6.88	
	54	0.00	-12.40	3.42	0.00	1.61	-8.98	-7.37	-11.05	3.44	0.00	1.61	-7.61	-6.00	
	56	0.00	-13.45	3.42	0.00	1.61	-10.03	-8.42	-11.51	3.44	0.00	1.61	-8.07	-6.46	

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

* The Duty Factor is 0 dB, 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 17, 2024
Temperature / Humidity 23 deg. C / 25 % RH
Engineer Kouki Yamada
Mode Tx 11ax-40 (OFDMA) 106 -tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW]	ANT1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	ANT0 [mW]	ANT1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
6565	53	0.09	0.10	0.19	-7.20	-	-	0.10	0.11	0.22	-6.60	24.00	30.60
	54	0.11	0.12	0.23	-6.37	-	-	0.13	0.14	0.26	-5.77	24.00	29.77
	56	0.09	0.10	0.18	-7.36	-	-	0.10	0.11	0.21	-6.76	24.00	30.76
6685	53	0.09	0.10	0.20	-7.10	-	-	0.11	0.12	0.22	-6.50	24.00	30.50
	54	0.11	0.14	0.25	-6.02	-	-	0.13	0.16	0.29	-5.42	24.00	29.42
	56	0.09	0.10	0.19	-7.18	-	-	0.11	0.11	0.22	-6.58	24.00	30.58
6845	53	0.07	0.09	0.16	-7.97	-	-	0.08	0.10	0.18	-7.37	24.00	31.37
	54	0.09	0.11	0.20	-7.01	-	-	0.10	0.13	0.23	-6.41	24.00	30.41
	56	0.07	0.09	0.16	-8.02	-	-	0.08	0.10	0.18	-7.42	24.00	31.42
6885	53	0.11	0.10	0.21	-6.86	-	-	0.13	0.11	0.24	-6.26	24.00	30.26
	54	0.13	0.10	0.23	-6.36	-	-	0.15	0.12	0.27	-5.76	24.00	29.76
	56	0.10	0.09	0.20	-7.10	-	-	0.12	0.11	0.22	-6.50	24.00	30.50
6925	53	0.10	0.10	0.20	-7.02	-	-	0.12	0.11	0.23	-6.42	24.00	30.42
	54	0.12	0.11	0.23	-6.42	-	-	0.14	0.12	0.26	-5.82	24.00	29.82
	56	0.09	0.09	0.18	-7.46	-	-	0.11	0.10	0.21	-6.86	24.00	30.86
7005	53	0.09	0.09	0.19	-7.25	-	-	0.11	0.11	0.22	-6.65	24.00	30.65
	54	0.11	0.10	0.21	-6.80	-	-	0.12	0.12	0.24	-6.20	24.00	30.20
	56	0.08	0.09	0.18	-7.52	-	-	0.10	0.11	0.20	-6.92	24.00	30.92
7085	53	0.10	0.08	0.18	-7.39	-	-	0.11	0.10	0.21	-6.79	24.00	30.79
	54	0.12	0.10	0.21	-6.70	-	-	0.13	0.11	0.25	-6.10	24.00	30.10
	56	0.09	0.08	0.17	-7.82	-	-	0.10	0.09	0.19	-7.22	24.00	31.22

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
6565	53	0.00	-13.86	3.43	0.00	0.60	-10.43	-9.83	-13.45	3.45	0.00	0.60	-10.00	-9.40
	54	0.00	-13.04	3.43	0.00	0.60	-9.61	-9.01	-12.62	3.45	0.00	0.60	-9.17	-8.57
	56	0.00	-14.05	3.43	0.00	0.60	-10.62	-10.02	-13.59	3.45	0.00	0.60	-10.14	-9.54
6685	53	0.00	-13.73	3.47	0.00	0.60	-10.26	-9.66	-13.45	3.49	0.00	0.60	-9.96	-9.36
	54	0.00	-12.91	3.47	0.00	0.60	-9.44	-8.84	-12.15	3.49	0.00	0.60	-8.66	-8.06
	56	0.00	-13.81	3.47	0.00	0.60	-10.34	-9.74	-13.53	3.49	0.00	0.60	-10.04	-9.44
6845	53	0.00	-14.87	3.51	0.00	0.60	-11.36	-10.76	-14.17	3.53	0.00	0.60	-10.64	-10.04
	54	0.00	-14.02	3.51	0.00	0.60	-10.51	-9.91	-13.11	3.53	0.00	0.60	-9.58	-8.98
	56	0.00	-15.15	3.51	0.00	0.60	-11.64	-11.04	-14.02	3.53	0.00	0.60	-10.49	-9.89
6885	53	0.00	-13.14	3.52	0.00	0.60	-9.62	-9.02	-13.67	3.54	0.00	0.60	-10.13	-9.53
	54	0.00	-12.41	3.52	0.00	0.60	-8.89	-8.29	-13.46	3.54	0.00	0.60	-9.92	-9.32
	56	0.00	-13.47	3.52	0.00	0.60	-9.95	-9.35	-13.81	3.54	0.00	0.60	-10.27	-9.67
6925	53	0.00	-13.39	3.53	0.00	0.60	-9.86	-9.26	-13.75	3.55	0.00	0.60	-10.20	-9.60
	54	0.00	-12.69	3.53	0.00	0.60	-9.16	-8.56	-13.27	3.55	0.00	0.60	-9.72	-9.12
	56	0.00	-13.84	3.53	0.00	0.60	-10.31	-9.71	-14.19	3.55	0.00	0.60	-10.64	-10.04
7005	53	0.00	-13.82	3.56	0.00	0.60	-10.26	-9.66	-13.84	3.58	0.00	0.60	-10.26	-9.66
	54	0.00	-13.21	3.56	0.00	0.60	-9.65	-9.05	-13.55	3.58	0.00	0.60	-9.97	-9.37
	56	0.00	-14.27	3.56	0.00	0.60	-10.71	-10.11	-13.94	3.58	0.00	0.60	-10.36	-9.76
7085	53	0.00	-13.69	3.58	0.00	0.60	-10.11	-9.51	-14.32	3.60	0.00	0.60	-10.72	-10.12
	54	0.00	-12.93	3.58	0.00	0.60	-9.35	-8.75	-13.70	3.60	0.00	0.60	-10.10	-9.50
	56	0.00	-14.14	3.58	0.00	0.60	-10.56	-9.96	-14.72	3.60	0.00	0.60	-11.12	-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

* The Duty Factor is 0 dB, 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 20, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Takayuki Kobayashi
Mode Tx 11ax-40 (OFDMA) 106 -tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]				
5965	53	0.10	0.12	0.22	-6.52	-	-	-	0.15	0.18	0.32	-4.91	24.00	28.91	-
	54	0.12	0.15	0.27	-5.69	-	-	-	0.18	0.21	0.39	-4.08	24.00	28.08	-
	56	0.11	0.11	0.22	-6.59	-	-	-	0.15	0.16	0.32	-4.98	24.00	28.98	-
6205	53	0.11	0.12	0.23	-6.36	-	-	-	0.16	0.18	0.34	-4.75	24.00	28.75	-
	54	0.12	0.14	0.26	-5.84	-	-	-	0.18	0.20	0.38	-4.23	24.00	28.23	-
	56	0.10	0.12	0.22	-6.54	-	-	-	0.15	0.17	0.32	-4.93	24.00	28.93	-
6405	53	0.09	0.10	0.20	-7.03	-	-	-	0.14	0.15	0.29	-5.42	24.00	29.42	-
	54	0.11	0.13	0.24	-6.15	-	-	-	0.17	0.19	0.35	-4.54	24.00	28.54	-
	56	0.09	0.11	0.20	-7.00	-	-	-	0.13	0.16	0.29	-5.39	24.00	29.39	-
6445	53	0.09	0.14	0.23	-6.31	-	-	-	0.13	0.21	0.34	-4.70	24.00	28.70	-
	54	0.11	0.18	0.30	-5.26	-	-	-	0.17	0.27	0.43	-3.65	24.00	27.65	-
	56	0.09	0.13	0.23	-6.47	-	-	-	0.13	0.20	0.33	-4.86	24.00	28.86	-
6485	53	0.10	0.13	0.23	-6.42	-	-	-	0.14	0.19	0.33	-4.81	24.00	28.81	-
	54	0.11	0.16	0.27	-5.65	-	-	-	0.17	0.23	0.39	-4.04	24.00	28.04	-
	56	0.09	0.14	0.23	-6.40	-	-	-	0.13	0.20	0.33	-4.79	24.00	28.79	-
6525	53	0.10	0.14	0.24	-6.24	-	-	-	0.14	0.20	0.34	-4.63	24.00	28.63	-
	54	0.12	0.17	0.29	-5.45	-	-	-	0.17	0.24	0.41	-3.84	24.00	27.84	-
	56	0.10	0.14	0.23	-6.30	-	-	-	0.14	0.20	0.34	-4.69	24.00	28.69	-

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		e.i.r.p. [dBm]
							Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]	
5965	53	0.00	-13.23	3.27	0.00	1.61	-9.96	-8.35	-12.43	3.29	0.00	1.61	-9.14	-7.53	-
	54	0.00	-12.42	3.27	0.00	1.61	-9.15	-7.54	-11.59	3.29	0.00	1.61	-8.30	-6.69	-
	56	0.00	-13.01	3.27	0.00	1.61	-9.74	-8.13	-12.75	3.29	0.00	1.61	-9.46	-7.85	-
6205	53	0.00	-12.99	3.34	0.00	1.61	-9.65	-8.04	-12.46	3.36	0.00	1.61	-9.10	-7.49	-
	54	0.00	-12.48	3.34	0.00	1.61	-9.14	-7.53	-11.94	3.36	0.00	1.61	-8.58	-6.97	-
	56	0.00	-13.16	3.34	0.00	1.61	-9.82	-8.21	-12.66	3.36	0.00	1.61	-9.30	-7.69	-
6405	53	0.00	-13.65	3.39	0.00	1.61	-10.26	-8.65	-13.24	3.41	0.00	1.61	-9.83	-8.22	-
	54	0.00	-12.81	3.39	0.00	1.61	-9.42	-7.81	-12.33	3.41	0.00	1.61	-8.92	-7.31	-
	56	0.00	-13.82	3.39	0.00	1.61	-10.43	-8.82	-13.04	3.41	0.00	1.61	-9.63	-8.02	-
6445	53	0.00	-13.85	3.40	0.00	1.61	-10.45	-8.84	-11.84	3.42	0.00	1.61	-8.42	-6.81	-
	54	0.00	-12.80	3.40	0.00	1.61	-9.40	-7.79	-10.79	3.42	0.00	1.61	-7.37	-5.76	-
	56	0.00	-13.82	3.40	0.00	1.61	-10.42	-8.81	-12.12	3.42	0.00	1.61	-8.70	-7.09	-
6485	53	0.00	-13.59	3.41	0.00	1.61	-10.18	-8.57	-12.22	3.43	0.00	1.61	-8.79	-7.18	-
	54	0.00	-12.81	3.41	0.00	1.61	-9.40	-7.79	-11.46	3.43	0.00	1.61	-8.03	-6.42	-
	56	0.00	-13.89	3.41	0.00	1.61	-10.48	-8.87	-11.99	3.43	0.00	1.61	-8.56	-6.95	-
6525	53	0.00	-13.43	3.42	0.00	1.61	-10.01	-8.40	-12.04	3.44	0.00	1.61	-8.60	-6.99	-
	54	0.00	-12.72	3.42	0.00	1.61	-9.30	-7.69	-11.19	3.44	0.00	1.61	-7.75	-6.14	-
	56	0.00	-13.56	3.42	0.00	1.61	-10.14	-8.53	-12.05	3.44	0.00	1.61	-8.61	-7.00	-

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 20, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Takayuki Kobayashi
Mode Tx 11ax-40 (OFDMA) 106 -tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	53	0.09	0.09	0.18	-7.54	-	-	0.10	0.10	0.20	-6.94	24.00	30.94
	54	0.10	0.12	0.22	-6.62	-	-	0.12	0.13	0.25	-6.02	24.00	30.02
	56	0.08	0.09	0.18	-7.56	-	-	0.09	0.11	0.20	-6.96	24.00	30.96
6685	53	0.09	0.10	0.19	-7.26	-	-	0.10	0.11	0.22	-6.66	24.00	30.66
	54	0.10	0.11	0.21	-6.77	-	-	0.12	0.13	0.24	-6.17	24.00	30.17
	56	0.09	0.10	0.18	-7.33	-	-	0.10	0.11	0.21	-6.73	24.00	30.73
6845	53	0.07	0.09	0.16	-8.04	-	-	0.08	0.10	0.18	-7.44	24.00	31.44
	54	0.08	0.10	0.18	-7.51	-	-	0.09	0.11	0.20	-6.91	24.00	30.91
	56	0.07	0.09	0.16	-8.03	-	-	0.08	0.11	0.18	-7.43	24.00	31.43
6885	53	0.10	0.10	0.20	-7.03	-	-	0.12	0.11	0.23	-6.43	24.00	30.43
	54	0.12	0.10	0.22	-6.65	-	-	0.14	0.11	0.25	-6.05	24.00	30.05
	56	0.09	0.10	0.19	-7.20	-	-	0.11	0.11	0.22	-6.60	24.00	30.60
6925	53	0.10	0.09	0.19	-7.30	-	-	0.11	0.10	0.21	-6.70	24.00	30.70
	54	0.11	0.11	0.22	-6.67	-	-	0.12	0.12	0.25	-6.07	24.00	30.07
	56	0.09	0.09	0.19	-7.30	-	-	0.11	0.11	0.21	-6.70	24.00	30.70
7005	53	0.09	0.09	0.18	-7.53	-	-	0.10	0.10	0.20	-6.93	24.00	30.93
	54	0.10	0.10	0.20	-7.01	-	-	0.12	0.11	0.23	-6.41	24.00	30.41
	56	0.08	0.08	0.17	-7.73	-	-	0.10	0.10	0.19	-7.13	24.00	31.13
7085	53	0.08	0.08	0.16	-8.02	-	-	0.09	0.09	0.18	-7.42	24.00	31.42
	54	0.09	0.10	0.19	-7.31	-	-	0.10	0.11	0.21	-6.71	24.00	30.71
	56	0.08	0.07	0.16	-7.99	-	-	0.10	0.09	0.18	-7.39	24.00	31.39

Tested Frequency [MHz]	RU Index	ANT0						ANT1					
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]
6565	53	0.00	-14.12	3.43	0.00	0.60	-10.69	-10.09	-13.86	3.45	0.00	0.60	-10.41
	54	0.00	-13.39	3.43	0.00	0.60	-9.96	-9.36	-12.78	3.45	0.00	0.60	-9.33
	56	0.00	-14.26	3.43	0.00	0.60	-10.83	-10.23	-13.78	3.45	0.00	0.60	-10.33
6685	53	0.00	-13.93	3.47	0.00	0.60	-10.46	-9.86	-13.57	3.49	0.00	0.60	-10.08
	54	0.00	-13.44	3.47	0.00	0.60	-9.97	-9.37	-13.08	3.49	0.00	0.60	-9.59
	56	0.00	-14.01	3.47	0.00	0.60	-10.54	-9.94	-13.64	3.49	0.00	0.60	-10.15
6845	53	0.00	-15.04	3.51	0.00	0.60	-11.53	-10.93	-14.15	3.53	0.00	0.60	-10.62
	54	0.00	-14.49	3.51	0.00	0.60	-10.98	-10.38	-13.64	3.53	0.00	0.60	-10.11
	56	0.00	-15.35	3.51	0.00	0.60	-11.84	-11.24	-13.90	3.53	0.00	0.60	-10.37
6885	53	0.00	-13.45	3.52	0.00	0.60	-9.93	-9.33	-13.70	3.54	0.00	0.60	-10.16
	54	0.00	-12.77	3.52	0.00	0.60	-9.25	-8.65	-13.66	3.54	0.00	0.60	-10.12
	56	0.00	-13.81	3.52	0.00	0.60	-10.29	-9.69	-13.67	3.54	0.00	0.60	-10.13
6925	53	0.00	-13.63	3.53	0.00	0.60	-10.10	-9.50	-14.09	3.55	0.00	0.60	-10.54
	54	0.00	-13.19	3.53	0.00	0.60	-9.66	-9.06	-13.25	3.55	0.00	0.60	-9.70
	56	0.00	-13.87	3.53	0.00	0.60	-10.34	-9.74	-13.83	3.55	0.00	0.60	-10.28
7005	53	0.00	-14.16	3.56	0.00	0.60	-10.60	-10.00	-14.06	3.58	0.00	0.60	-10.48
	54	0.00	-13.40	3.56	0.00	0.60	-9.84	-9.24	-13.78	3.58	0.00	0.60	-10.20
	56	0.00	-14.30	3.56	0.00	0.60	-10.74	-10.14	-14.32	3.58	0.00	0.60	-10.74
7085	53	0.00	-14.77	3.58	0.00	0.60	-11.19	-10.59	-14.48	3.60	0.00	0.60	-10.88
	54	0.00	-14.08	3.58	0.00	0.60	-10.50	-9.90	-13.74	3.60	0.00	0.60	-10.14
	56	0.00	-14.32	3.58	0.00	0.60	-10.74	-10.14	-14.87	3.60	0.00	0.60	-11.27

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 21, 2024
Temperature / Humidity 25 deg. C / 50 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-40 (OFDMA) 242-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5965	61	0.12	0.13	0.24	-6.11	-	-	0.17	0.19	0.35	-4.50	24.00	28.50
	62	0.12	0.13	0.25	-6.04	-	-	0.17	0.19	0.36	-4.43	24.00	28.43
6205	61	0.11	0.12	0.23	-6.38	-	-	0.16	0.18	0.33	-4.77	24.00	28.77
	62	0.11	0.12	0.22	-6.52	-	-	0.15	0.17	0.32	-4.91	24.00	28.91
6405	61	0.10	0.11	0.21	-6.88	-	-	0.14	0.16	0.30	-5.27	24.00	29.27
	62	0.10	0.11	0.21	-6.77	-	-	0.15	0.16	0.30	-5.16	24.00	29.16
6445	61	0.10	0.12	0.22	-6.52	-	-	0.14	0.18	0.32	-4.91	24.00	28.91
	62	0.10	0.15	0.25	-6.06	-	-	0.14	0.22	0.36	-4.45	24.00	28.45
6485	61	0.09	0.14	0.23	-6.37	-	-	0.13	0.20	0.33	-4.76	24.00	28.76
	62	0.10	0.15	0.25	-6.02	-	-	0.14	0.22	0.36	-4.41	24.00	28.41
6525	61	0.10	0.15	0.25	-5.94	-	-	0.15	0.22	0.37	-4.33	24.00	28.33
	62	0.10	0.17	0.27	-5.67	-	-	0.15	0.24	0.39	-4.06	24.00	28.06

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result	
							Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5965	61	0.00	-12.65	3.27	0.00	1.61	-9.38	-7.77	-12.17	3.29	0.00	1.61	-8.88	-7.27
	62	0.00	-12.49	3.27	0.00	1.61	-9.22	-7.61	-12.17	3.29	0.00	1.61	-8.88	-7.27
6205	61	0.00	-13.02	3.34	0.00	1.61	-9.68	-8.07	-12.48	3.36	0.00	1.61	-9.12	-7.51
	62	0.00	-13.09	3.34	0.00	1.61	-9.75	-8.14	-12.68	3.36	0.00	1.61	-9.32	-7.71
6405	61	0.00	-13.55	3.39	0.00	1.61	-10.16	-8.55	-13.05	3.41	0.00	1.61	-9.64	-8.03
	62	0.00	-13.36	3.39	0.00	1.61	-9.97	-8.36	-13.01	3.41	0.00	1.61	-9.60	-7.99
6445	61	0.00	-13.48	3.40	0.00	1.61	-10.08	-8.47	-12.47	3.42	0.00	1.61	-9.05	-7.44
	62	0.00	-13.52	3.40	0.00	1.61	-10.12	-8.51	-11.64	3.42	0.00	1.61	-8.22	-6.61
6485	61	0.00	-13.73	3.41	0.00	1.61	-10.32	-8.71	-12.03	3.43	0.00	1.61	-8.60	-6.99
	62	0.00	-13.58	3.41	0.00	1.61	-10.17	-8.56	-11.56	3.43	0.00	1.61	-8.13	-6.52
6525	61	0.00	-13.38	3.42	0.00	1.61	-9.96	-8.35	-11.57	3.44	0.00	1.61	-8.13	-6.52
	62	0.00	-13.33	3.42	0.00	1.61	-9.91	-8.30	-11.16	3.44	0.00	1.61	-7.72	-6.11

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

* The Duty Factor is 0 dB, 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 21, 2024
Temperature / Humidity 25 deg. C / 50 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-40 (OFDMA) 242-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		ANT0 [mW]	ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	ANT0 [mW]	ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	61	0.09	0.10	0.20	-7.06	-	-	0.11	0.12	0.23	-6.46	24.00	30.46
	62	0.09	0.10	0.19	-7.23	-	-	0.10	0.12	0.22	-6.63	24.00	30.63
6685	61	0.09	0.10	0.20	-7.06	-	-	0.11	0.12	0.23	-6.46	24.00	30.46
	62	0.10	0.10	0.20	-7.06	-	-	0.11	0.12	0.23	-6.46	24.00	30.46
6845	61	0.07	0.09	0.16	-7.85	-	-	0.09	0.10	0.19	-7.25	24.00	31.25
	62	0.07	0.08	0.15	-8.13	-	-	0.08	0.10	0.18	-7.53	24.00	31.53
6885	61	0.09	0.10	0.20	-7.07	-	-	0.11	0.12	0.23	-6.47	24.00	30.47
	62	0.10	0.10	0.21	-6.86	-	-	0.12	0.12	0.24	-6.26	24.00	30.26
6925	61	0.10	0.10	0.20	-7.00	-	-	0.12	0.11	0.23	-6.40	24.00	30.40
	62	0.10	0.10	0.20	-7.04	-	-	0.11	0.12	0.23	-6.44	24.00	30.44
7005	61	0.09	0.10	0.19	-7.21	-	-	0.11	0.11	0.22	-6.61	24.00	30.61
	62	0.09	0.09	0.18	-7.52	-	-	0.10	0.10	0.20	-6.92	24.00	30.92
7085	61	0.08	0.08	0.16	-7.84	-	-	0.09	0.10	0.19	-7.24	24.00	31.24
	62	0.09	0.08	0.18	-7.53	-	-	0.11	0.09	0.20	-6.93	24.00	30.93

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6565	61	0.00	-13.77	3.43	0.00	0.60	-10.34	-9.74	-13.26	3.45	0.00	0.60	-9.81	-9.21
	62	0.00	-13.95	3.43	0.00	0.60	-10.52	-9.92	-13.42	3.45	0.00	0.60	-9.97	-9.37
6685	61	0.00	-13.70	3.47	0.00	0.60	-10.23	-9.63	-13.41	3.49	0.00	0.60	-9.92	-9.32
	62	0.00	-13.69	3.47	0.00	0.60	-10.22	-9.62	-13.41	3.49	0.00	0.60	-9.92	-9.32
6845	61	0.00	-14.81	3.51	0.00	0.60	-11.30	-10.70	-14.00	3.53	0.00	0.60	-10.47	-9.87
	62	0.00	-15.12	3.51	0.00	0.60	-11.61	-11.01	-14.24	3.53	0.00	0.60	-10.71	-10.11
6885	61	0.00	-13.75	3.52	0.00	0.60	-10.23	-9.63	-13.48	3.54	0.00	0.60	-9.94	-9.34
	62	0.00	-13.31	3.52	0.00	0.60	-9.79	-9.19	-13.49	3.54	0.00	0.60	-9.95	-9.35
6925	61	0.00	-13.36	3.53	0.00	0.60	-9.83	-9.23	-13.75	3.55	0.00	0.60	-10.20	-9.60
	62	0.00	-13.69	3.53	0.00	0.60	-10.16	-9.56	-13.49	3.55	0.00	0.60	-9.94	-9.34
7005	61	0.00	-13.88	3.56	0.00	0.60	-10.32	-9.72	-13.70	3.58	0.00	0.60	-10.12	-9.52
	62	0.00	-14.04	3.56	0.00	0.60	-10.48	-9.88	-14.16	3.58	0.00	0.60	-10.58	-9.98
7085	61	0.00	-14.54	3.58	0.00	0.60	-10.96	-10.36	-14.35	3.60	0.00	0.60	-10.75	-10.15
	62	0.00	-13.81	3.58	0.00	0.60	-10.23	-9.63	-14.48	3.60	0.00	0.60	-10.88	-10.28

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 20, 2024
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Takayuki Kobayashi
Mode Tx 11ax-40 (OFDMA) 242-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5965	61	0.11	0.14	0.25	-5.95	-	-	0.17	0.20	0.37	-4.34	24.00	28.34
	62	0.11	0.14	0.25	-5.97	-	-	0.17	0.20	0.37	-4.36	24.00	28.36
6205	61	0.11	0.13	0.24	-6.28	-	-	0.16	0.18	0.34	-4.67	24.00	28.67
	62	0.12	0.13	0.25	-6.09	-	-	0.17	0.18	0.36	-4.48	24.00	28.48
6405	61	0.10	0.13	0.23	-6.37	-	-	0.15	0.18	0.33	-4.76	24.00	28.76
	62	0.10	0.13	0.23	-6.35	-	-	0.15	0.19	0.34	-4.74	24.00	28.74
6445	61	0.11	0.14	0.24	-6.13	-	-	0.16	0.20	0.35	-4.52	24.00	28.52
	62	0.11	0.16	0.28	-5.57	-	-	0.16	0.24	0.40	-3.96	24.00	27.96
6485	61	0.10	0.12	0.23	-6.45	-	-	0.15	0.18	0.33	-4.84	24.00	28.84
	62	0.10	0.15	0.25	-6.07	-	-	0.15	0.21	0.36	-4.46	24.00	28.46
6525	61	0.11	0.14	0.24	-6.14	-	-	0.16	0.20	0.35	-4.53	24.00	28.53
	62	0.11	0.17	0.28	-5.57	-	-	0.16	0.24	0.40	-3.96	24.00	27.96

			ANT0							ANT1						
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result			
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.		
5965	61	0.00	-12.69	3.27	0.00	1.61	-9.42	-7.81	-11.83	3.29	0.00	1.61	-8.54	-6.93		
	62	0.00	-12.70	3.27	0.00	1.61	-9.43	-7.82	-11.87	3.29	0.00	1.61	-8.58	-6.97		
6205	61	0.00	-12.91	3.34	0.00	1.61	-9.57	-7.96	-12.39	3.36	0.00	1.61	-9.03	-7.42		
	62	0.00	-12.59	3.34	0.00	1.61	-9.25	-7.64	-12.32	3.36	0.00	1.61	-8.96	-7.35		
6405	61	0.00	-13.25	3.39	0.00	1.61	-9.86	-8.25	-12.35	3.41	0.00	1.61	-8.94	-7.33		
	62	0.00	-13.31	3.39	0.00	1.61	-9.92	-8.31	-12.28	3.41	0.00	1.61	-8.87	-7.26		
6445	61	0.00	-13.04	3.40	0.00	1.61	-9.64	-8.03	-12.11	3.42	0.00	1.61	-8.69	-7.08		
	62	0.00	-12.90	3.40	0.00	1.61	-9.50	-7.89	-11.25	3.42	0.00	1.61	-7.83	-6.22		
6485	61	0.00	-13.29	3.41	0.00	1.61	-9.88	-8.27	-12.50	3.43	0.00	1.61	-9.07	-7.46		
	62	0.00	-13.34	3.41	0.00	1.61	-9.93	-8.32	-11.80	3.43	0.00	1.61	-8.37	-6.76		
6525	61	0.00	-13.11	3.42	0.00	1.61	-9.69	-8.08	-12.11	3.44	0.00	1.61	-8.67	-7.06		
	62	0.00	-12.93	3.42	0.00	1.61	-9.51	-7.90	-11.25	3.44	0.00	1.61	-7.81	-6.20		

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 21, 2024
Temperature / Humidity 25 deg. C / 50 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-40 (OFDMA) 242-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6565	61	0.09	0.10	0.19	-7.16	-	-	0.10	0.12	0.22	-6.56	24.00	30.56
	62	0.09	0.10	0.19	-7.13	-	-	0.10	0.12	0.22	-6.53	24.00	30.53
6685	61	0.09	0.10	0.19	-7.22	-	-	0.10	0.11	0.22	-6.62	24.00	30.62
	62	0.09	0.10	0.20	-7.09	-	-	0.11	0.12	0.22	-6.49	24.00	30.49
6845	61	0.07	0.09	0.17	-7.77	-	-	0.09	0.11	0.19	-7.17	24.00	31.17
	62	0.07	0.09	0.15	-8.10	-	-	0.08	0.10	0.18	-7.50	24.00	31.50
6885	61	0.10	0.09	0.19	-7.19	-	-	0.11	0.10	0.22	-6.59	24.00	30.59
	62	0.11	0.10	0.21	-6.82	-	-	0.12	0.12	0.24	-6.22	24.00	30.22
6925	61	0.10	0.10	0.20	-7.00	-	-	0.12	0.11	0.23	-6.40	24.00	30.40
	62	0.10	0.09	0.19	-7.24	-	-	0.11	0.10	0.22	-6.64	24.00	30.64
7005	61	0.09	0.10	0.19	-7.25	-	-	0.11	0.11	0.22	-6.65	24.00	30.65
	62	0.09	0.09	0.18	-7.43	-	-	0.10	0.11	0.21	-6.83	24.00	30.83
7085	61	0.10	0.09	0.19	-7.29	-	-	0.12	0.10	0.21	-6.69	24.00	30.69
	62	0.09	0.08	0.18	-7.52	-	-	0.11	0.10	0.20	-6.92	24.00	30.92

Tested Frequency [MHz]	RU Index	ANT0						ANT1					
		Duty Factor [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]
6565	61	0.00	-13.88	3.43	0.00	0.60	-10.45	-9.85	-13.35	3.45	0.00	0.60	-9.90
	62	0.00	-13.83	3.43	0.00	0.60	-10.40	-9.80	-13.35	3.45	0.00	0.60	-9.90
6685	61	0.00	-13.90	3.47	0.00	0.60	-10.43	-9.83	-13.52	3.49	0.00	0.60	-10.03
	62	0.00	-13.79	3.47	0.00	0.60	-10.32	-9.72	-13.38	3.49	0.00	0.60	-9.89
6845	61	0.00	-14.79	3.51	0.00	0.60	-11.28	-10.68	-13.87	3.53	0.00	0.60	-10.34
	62	0.00	-15.08	3.51	0.00	0.60	-11.57	-10.97	-14.22	3.53	0.00	0.60	-10.69
6885	61	0.00	-13.53	3.52	0.00	0.60	-10.01	-9.41	-13.94	3.54	0.00	0.60	-10.40
	62	0.00	-13.22	3.52	0.00	0.60	-9.70	-9.10	-13.50	3.54	0.00	0.60	-9.96
6925	61	0.00	-13.37	3.53	0.00	0.60	-9.84	-9.24	-13.74	3.55	0.00	0.60	-10.19
	62	0.00	-13.61	3.53	0.00	0.60	-10.08	-9.48	-13.97	3.55	0.00	0.60	-10.42
7005	61	0.00	-13.88	3.56	0.00	0.60	-10.32	-9.72	-13.79	3.58	0.00	0.60	-10.21
	62	0.00	-14.10	3.56	0.00	0.60	-10.54	-9.94	-13.92	3.58	0.00	0.60	-10.34
7085	61	0.00	-13.53	3.58	0.00	0.60	-9.95	-9.35	-14.28	3.60	0.00	0.60	-10.68
	62	0.00	-13.84	3.58	0.00	0.60	-10.26	-9.66	-14.42	3.60	0.00	0.60	-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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 21, 2024
Temperature / Humidity 25 deg. C / 50 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-40 (OFDMA) 484-tone RU (SDM) pre-correction

ANT0 + ANT1		484-tone RU					Applied limit: 15.407, mobile and portable client device					
Tested Frequency	Conducted power						e.i.r.p.					
	ANT0	Antenna		Result	Limit	Margin	ANT0	Antenna		Result	Limit	Margin
[MHz]	[mW]	ANT1	Sum	[dBm]	[dBm]	[dB]	[mW]	ANT1	Sum	[dBm]	[dBm]	[dB]
		[mW]	[mW]					[mW]	[mW]			
5965	0.11	0.13	0.24	-6.27	-	-	0.15	0.19	0.34	-4.66	24.00	28.66
6205	0.09	0.11	0.20	-6.99	-	-	0.13	0.16	0.29	-5.38	24.00	29.38
6405	0.09	0.12	0.20	-6.93	-	-	0.13	0.17	0.29	-5.32	24.00	29.32
6445	0.08	0.12	0.20	-6.91	-	-	0.11	0.18	0.30	-5.30	24.00	29.30
6485	0.08	0.11	0.19	-7.13	-	-	0.12	0.16	0.28	-5.52	24.00	29.52
6525	0.09	0.12	0.21	-6.85	-	-	0.12	0.18	0.30	-5.24	24.00	29.24
6565	0.09	0.10	0.19	-7.11	-	-	0.10	0.12	0.22	-6.51	24.00	30.51
6685	0.10	0.11	0.20	-6.94	-	-	0.11	0.12	0.23	-6.34	24.00	30.34
6845	0.09	0.09	0.17	-7.64	-	-	0.10	0.10	0.20	-7.04	24.00	31.04
6885	0.09	0.08	0.17	-7.67	-	-	0.10	0.10	0.20	-7.07	24.00	31.07
6925	0.08	0.08	0.16	-7.83	-	-	0.10	0.09	0.19	-7.23	24.00	31.23
7005	0.08	0.08	0.16	-7.98	-	-	0.10	0.09	0.18	-7.38	24.00	31.38
7085	0.07	0.07	0.15	-8.36	-	-	0.08	0.08	0.17	-7.76	24.00	31.76

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
						[dBm]	[dBm]					[dBm]	[dBm]
5965	0.00	-13.04	3.27	0.00	1.61	-9.77	-8.16	-12.13	3.29	0.00	1.61	-8.84	-7.23
6205	0.00	-13.84	3.34	0.00	1.61	-10.50	-8.89	-12.92	3.36	0.00	1.61	-9.56	-7.95
6405	0.00	-13.97	3.39	0.00	1.61	-10.58	-8.97	-12.80	3.41	0.00	1.61	-9.39	-7.78
6445	0.00	-14.41	3.40	0.00	1.61	-11.01	-9.40	-12.47	3.42	0.00	1.61	-9.05	-7.44
6485	0.00	-14.28	3.41	0.00	1.61	-10.87	-9.26	-12.95	3.43	0.00	1.61	-9.52	-7.91
6525	0.00	-14.12	3.42	0.00	1.61	-10.70	-9.09	-12.59	3.44	0.00	1.61	-9.15	-7.54
6565	0.00	-13.84	3.43	0.00	0.60	-10.41	-9.81	-13.29	3.45	0.00	0.60	-9.84	-9.24
6685	0.00	-13.59	3.47	0.00	0.60	-10.12	-9.52	-13.27	3.49	0.00	0.60	-9.78	-9.18
6845	0.00	-14.16	3.51	0.00	0.60	-10.65	-10.05	-14.19	3.53	0.00	0.60	-10.66	-10.06
6885	0.00	-14.07	3.52	0.00	0.60	-10.55	-9.95	-14.35	3.54	0.00	0.60	-10.81	-10.21
6925	0.00	-14.33	3.53	0.00	0.60	-10.80	-10.20	-14.43	3.55	0.00	0.60	-10.88	-10.28
7005	0.00	-14.32	3.56	0.00	0.60	-10.76	-10.16	-14.82	3.58	0.00	0.60	-11.24	-10.64
7085	0.00	-14.95	3.58	0.00	0.60	-11.37	-10.77	-14.97	3.60	0.00	0.60	-11.37	-10.77

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 21, 2024
Temperature / Humidity 25 deg. C / 50 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-40 (OFDMA) 484-tone RU (CDD) pre-correction

ANT0 + ANT1 484-tone RU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5965	0.11	0.13	0.24	-6.12	-	-	0.16	0.19	0.35	-4.51	24.00	28.51
6205	0.09	0.11	0.20	-6.96	-	-	0.13	0.16	0.29	-5.35	24.00	29.35
6405	0.09	0.11	0.20	-6.98	-	-	0.13	0.16	0.29	-5.37	24.00	29.37
6445	0.08	0.13	0.21	-6.78	-	-	0.12	0.19	0.30	-5.17	24.00	29.17
6485	0.08	0.11	0.20	-7.09	-	-	0.12	0.16	0.28	-5.48	24.00	29.48
6525	0.09	0.12	0.21	-6.77	-	-	0.13	0.18	0.31	-5.16	24.00	29.16
6565	0.09	0.10	0.20	-7.08	-	-	0.11	0.12	0.23	-6.48	24.00	30.48
6685	0.09	0.11	0.20	-6.96	-	-	0.11	0.12	0.23	-6.36	24.00	30.36
6845	0.09	0.09	0.17	-7.59	-	-	0.10	0.10	0.20	-6.99	24.00	30.99
6885	0.09	0.08	0.17	-7.77	-	-	0.10	0.09	0.19	-7.17	24.00	31.17
6925	0.08	0.08	0.16	-7.86	-	-	0.09	0.09	0.19	-7.26	24.00	31.26
7005	0.08	0.07	0.16	-8.02	-	-	0.10	0.09	0.18	-7.42	24.00	31.42
7085	0.08	0.08	0.15	-8.10	-	-	0.09	0.09	0.18	-7.50	24.00	31.50

Tested Frequency [MHz]	Duty Factor [dB]	ANT0						ANT1					
		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]
5965	0.00	-12.84	3.27	0.00	1.61	-9.57	-7.96	-12.02	3.29	0.00	1.61	-8.73	-7.12
6205	0.00	-13.85	3.34	0.00	1.61	-10.51	-8.90	-12.85	3.36	0.00	1.61	-9.49	-7.88
6405	0.00	-13.95	3.39	0.00	1.61	-10.56	-8.95	-12.90	3.41	0.00	1.61	-9.49	-7.88
6445	0.00	-14.28	3.40	0.00	1.61	-10.88	-9.27	-12.34	3.42	0.00	1.61	-8.92	-7.31
6485	0.00	-14.28	3.41	0.00	1.61	-10.87	-9.26	-12.88	3.43	0.00	1.61	-9.45	-7.84
6525	0.00	-13.93	3.42	0.00	1.61	-10.51	-8.90	-12.59	3.44	0.00	1.61	-9.15	-7.54
6565	0.00	-13.80	3.43	0.00	0.60	-10.37	-9.77	-13.27	3.45	0.00	0.60	-9.82	-9.22
6685	0.00	-13.72	3.47	0.00	0.60	-10.25	-9.65	-13.19	3.49	0.00	0.60	-9.70	-9.10
6845	0.00	-14.13	3.51	0.00	0.60	-10.62	-10.02	-14.12	3.53	0.00	0.60	-10.59	-9.99
6885	0.00	-14.13	3.52	0.00	0.60	-10.61	-10.01	-14.49	3.54	0.00	0.60	-10.95	-10.35
6925	0.00	-14.37	3.53	0.00	0.60	-10.84	-10.24	-14.45	3.55	0.00	0.60	-10.90	-10.30
7005	0.00	-14.36	3.56	0.00	0.60	-10.80	-10.20	-14.85	3.58	0.00	0.60	-11.27	-10.67
7085	0.00	-14.68	3.58	0.00	0.60	-11.10	-10.50	-14.72	3.60	0.00	0.60	-11.12	-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 + Directional Gain

* The Duty Factor is 0 dB, 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 25, 2023 July 25, 2023
Temperature / Humidity 24 deg. C / 51 % RH 24 deg. C / 51 % RH
Engineer Hiromasa Sato Kouki Yamada
Mode Tx 11ax-80 (OFDM) (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5985	4.58	4.56	9.14	9.61	-	-	6.64	6.60	13.24	11.22	24.00	12.78
6225	4.61	4.45	9.07	9.57	-	-	6.68	6.45	13.14	11.18	24.00	12.82
6385	4.37	4.46	8.83	9.46	-	-	6.33	6.45	12.79	11.07	24.00	12.93
6465	4.38	5.27	9.65	9.85	-	-	6.35	7.64	13.98	11.46	24.00	12.54
6545	5.98	5.34	11.32	10.54	-	-	6.87	6.13	12.99	11.14	24.00	12.86
6625	6.02	5.29	11.31	10.53	-	-	6.91	6.07	12.99	11.13	24.00	12.87
6705	5.76	5.83	11.59	10.64	-	-	6.62	6.69	13.31	11.24	24.00	12.76
6865	5.33	5.68	11.01	10.42	-	-	6.12	6.52	12.64	11.02	24.00	12.98
6945	5.14	5.45	10.59	10.25	-	-	5.90	6.26	12.16	10.85	24.00	13.15
7025	6.11	4.95	11.05	10.44	-	-	7.01	5.68	12.69	11.04	24.00	12.96

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna 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]
5985	0.00	-6.64	3.27	9.98	1.61	6.61	8.22	-6.81	3.30	10.10	1.61	6.59	8.20
6225	0.00	-6.68	3.34	9.98	1.61	6.64	8.25	-6.98	3.37	10.10	1.61	6.49	8.10
6385	0.00	-6.97	3.39	9.99	1.61	6.41	8.02	-7.03	3.41	10.11	1.61	6.49	8.10
6465	0.00	-6.97	3.40	9.99	1.61	6.42	8.03	-6.32	3.43	10.11	1.61	7.22	8.83
6545	0.00	-5.64	3.42	9.99	0.60	7.77	8.37	-6.28	3.44	10.11	0.60	7.27	7.87
6625	0.00	-5.64	3.45	9.99	0.60	7.80	8.40	-6.35	3.47	10.11	0.60	7.23	7.83
6705	0.00	-5.85	3.47	9.99	0.60	7.61	8.21	-5.95	3.49	10.12	0.60	7.66	8.26
6865	0.00	-6.23	3.51	9.99	0.60	7.27	7.87	-6.10	3.53	10.12	0.60	7.55	8.15
6945	0.00	-6.41	3.53	9.99	0.60	7.11	7.71	-6.30	3.55	10.12	0.60	7.37	7.97
7025	0.00	-5.69	3.56	9.99	0.60	7.86	8.46	-6.75	3.58	10.12	0.60	6.95	7.55

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 9, 2024
Temperature / Humidity 25 deg. C / 37 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-80 (OFDM) (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
	ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	1.73	1.96	3.68	5.66	-	-	2.50	2.84	5.34	7.27	24.00	16.73
6225	2.09	2.28	4.37	6.40	-	-	3.03	3.30	6.33	8.01	24.00	15.99
6385	1.75	2.06	3.81	5.81	-	-	2.54	2.98	5.52	7.42	24.00	16.58
6465	1.89	2.69	4.58	6.61	-	-	2.73	3.90	6.63	8.22	24.00	15.78
6545	2.73	2.35	5.08	7.06	-	-	3.13	2.70	5.83	7.66	24.00	16.34
6625	2.67	2.54	5.21	7.17	-	-	3.06	2.92	5.98	7.77	24.00	16.23
6705	2.57	2.59	5.16	7.13	-	-	2.95	2.98	5.92	7.73	24.00	16.27
6865	2.18	2.66	4.85	6.85	-	-	2.50	3.06	5.56	7.45	24.00	16.55
6945	2.50	2.54	5.04	7.03	-	-	2.87	2.92	5.79	7.63	24.00	16.37
7025	2.88	2.42	5.30	7.24	-	-	3.30	2.78	6.08	7.84	24.00	16.16

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5985	0.00	-10.88	3.27	9.98	1.61	2.37	3.98	-10.48	3.30	10.10	1.61	2.92	4.53
6225	0.00	-10.12	3.34	9.98	1.61	3.20	4.81	-9.89	3.37	10.10	1.61	3.58	5.19
6385	0.00	-10.94	3.39	9.99	1.61	2.44	4.05	-10.38	3.41	10.11	1.61	3.14	4.75
6465	0.00	-10.63	3.40	9.99	1.61	2.76	4.37	-9.24	3.43	10.11	1.61	4.30	5.91
6545	0.00	-9.05	3.42	9.99	0.60	4.36	4.96	-9.84	3.44	10.11	0.60	3.71	4.31
6625	0.00	-9.18	3.45	9.99	0.60	4.26	4.86	-9.53	3.47	10.11	0.60	4.05	4.65
6705	0.00	-9.36	3.47	9.99	0.60	4.10	4.70	-9.47	3.49	10.12	0.60	4.14	4.74
6865	0.00	-10.11	3.51	9.99	0.60	3.39	3.99	-9.39	3.53	10.12	0.60	4.26	4.86
6945	0.00	-9.54	3.53	9.99	0.60	3.98	4.58	-9.61	3.55	10.12	0.60	4.06	4.66
7025	0.00	-8.96	3.56	9.99	0.60	4.59	5.19	-9.85	3.58	10.12	0.60	3.85	4.45

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room
Date October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 26-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5985	0	0.11	0.11	0.23	-6.46	-	-	0.16	0.17	0.33	-4.85	24.00	28.85
	18	0.12	0.15	0.27	-5.69	-	-	0.18	0.21	0.39	-4.08	24.00	28.08
	36	0.10	0.10	0.20	-6.93	-	-	0.15	0.15	0.29	-5.32	24.00	29.32
6225	0	0.14	0.15	0.30	-5.29	-	-	0.21	0.22	0.43	-3.68	24.00	27.68
	18	0.13	0.18	0.31	-5.08	-	-	0.19	0.26	0.45	-3.47	24.00	27.47
	36	0.10	0.14	0.24	-6.11	-	-	0.15	0.21	0.35	-4.50	24.00	28.50
6385	0	0.13	0.14	0.27	-5.71	-	-	0.18	0.21	0.39	-4.10	24.00	28.10
	18	0.12	0.15	0.28	-5.60	-	-	0.18	0.22	0.40	-3.99	24.00	27.99
	36	0.11	0.12	0.23	-6.31	-	-	0.16	0.18	0.34	-4.70	24.00	28.70
6465	0	0.10	0.16	0.26	-5.89	-	-	0.14	0.23	0.37	-4.28	24.00	28.28
	18	0.10	0.18	0.28	-5.56	-	-	0.14	0.26	0.40	-3.95	24.00	27.95
	36	0.11	0.16	0.27	-5.76	-	-	0.16	0.23	0.38	-4.15	24.00	28.15

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5985	0	0.00	-12.79	3.27	0.00	1.61	-9.52	-7.91	0.00	-12.73	3.30	0.00	1.61	-9.43	-7.82
	18	0.00	-12.38	3.27	0.00	1.61	-9.11	-7.50	0.00	-11.62	3.30	0.00	1.61	-8.32	-6.71
	36	0.00	-13.18	3.27	0.00	1.61	-9.91	-8.30	0.00	-13.28	3.30	0.00	1.61	-9.98	-8.37
6225	0	0.00	-11.79	3.34	0.00	1.61	-8.45	-6.84	0.00	-11.52	3.37	0.00	1.61	-8.15	-6.54
	18	0.00	-12.09	3.34	0.00	1.61	-8.75	-7.14	0.00	-10.88	3.37	0.00	1.61	-7.51	-5.90
	36	0.00	-13.32	3.34	0.00	1.61	-9.98	-8.37	0.00	-11.78	3.37	0.00	1.61	-8.41	-6.80
6385	0	0.00	-12.40	3.39	0.00	1.61	-9.01	-7.40	0.00	-11.86	3.41	0.00	1.61	-8.45	-6.84
	18	0.00	-12.51	3.39	0.00	1.61	-9.12	-7.51	0.00	-11.57	3.41	0.00	1.61	-8.16	-6.55
	36	0.00	-13.00	3.39	0.00	1.61	-9.61	-8.00	0.00	-12.45	3.41	0.00	1.61	-9.04	-7.43
6465	0	0.00	-13.57	3.40	0.00	1.61	-10.17	-8.56	0.00	-11.35	3.43	0.00	1.61	-7.92	-6.31
	18	0.00	-13.40	3.40	0.00	1.61	-10.00	-8.39	0.00	-10.92	3.43	0.00	1.61	-7.49	-5.88
	36	0.00	-13.00	3.40	0.00	1.61	-9.60	-7.99	0.00	-11.50	3.43	0.00	1.61	-8.07	-6.46

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

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 26-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]				
6545	0	0.15	0.14	0.29	-5.33	-	-		0.18	0.16	0.34	-4.73	24.00	28.73	
	18	0.18	0.19	0.37	-4.33	-	-		0.21	0.21	0.42	-3.73	24.00	27.73	
	36	0.12	0.12	0.24	-6.26	-	-		0.13	0.14	0.27	-5.66	24.00	29.66	
6625	0	0.14	0.15	0.30	-5.24	-	-		0.17	0.18	0.34	-4.64	24.00	28.64	
	18	0.17	0.18	0.35	-4.51	-	-		0.20	0.21	0.41	-3.91	24.00	27.91	
	36	0.14	0.14	0.28	-5.49	-	-		0.17	0.16	0.32	-4.89	24.00	28.89	
6705	0	0.12	0.14	0.26	-5.81	-	-		0.14	0.17	0.30	-5.21	24.00	29.21	
	18	0.16	0.14	0.30	-5.20	-	-		0.18	0.16	0.35	-4.60	24.00	28.60	
	36	0.11	0.14	0.26	-5.92	-	-		0.13	0.16	0.29	-5.32	24.00	29.32	
6865	0	0.10	0.13	0.23	-6.35	-	-		0.12	0.15	0.27	-5.75	24.00	29.75	
	18	0.15	0.13	0.28	-5.55	-	-		0.17	0.15	0.32	-4.95	24.00	28.95	
	36	0.11	0.14	0.25	-6.01	-	-		0.13	0.16	0.29	-5.41	24.00	29.41	
6945	0	0.16	0.13	0.28	-5.49	-	-		0.18	0.14	0.32	-4.89	24.00	28.89	
	18	0.15	0.11	0.26	-5.78	-	-		0.18	0.13	0.30	-5.18	24.00	29.18	
	36	0.14	0.13	0.27	-5.73	-	-		0.16	0.15	0.31	-5.13	24.00	29.13	
7025	0	0.15	0.12	0.27	-5.63	-	-		0.17	0.14	0.31	-5.03	24.00	29.03	
	18	0.15	0.13	0.28	-5.53	-	-		0.17	0.15	0.32	-4.93	24.00	28.93	
	36	0.13	0.13	0.25	-5.94	-	-		0.15	0.15	0.29	-5.34	24.00	29.34	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result	
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]		Cond. Power [dBm]	e.i.r.p. [dBm]
6545	0	0.00	-11.52	3.42	0.00	0.60		-12.03	3.44	0.00	0.60		-8.10	-7.50
	18	0.00	-10.79	3.42	0.00	0.60		-10.76	3.44	0.00	0.60		-7.37	-6.77
	36	0.00	-12.72	3.42	0.00	0.60		-12.68	3.44	0.00	0.60		-9.30	-8.70
6625	0	0.00	-11.84	3.45	0.00	0.60		-11.59	3.47	0.00	0.60		-8.39	-7.79
	18	0.00	-11.06	3.45	0.00	0.60		-10.91	3.47	0.00	0.60		-7.61	-7.01
	36	0.00	-11.84	3.45	0.00	0.60		-12.08	3.47	0.00	0.60		-8.39	-7.79
6705	0	0.00	-12.74	3.47	0.00	0.60		-11.90	3.49	0.00	0.60		-9.27	-8.67
	18	0.00	-11.45	3.47	0.00	0.60		-11.95	3.49	0.00	0.60		-7.98	-7.38
	36	0.00	-12.93	3.47	0.00	0.60		-11.95	3.49	0.00	0.60		-9.46	-8.86
6865	0	0.00	-13.35	3.51	0.00	0.60		-12.45	3.53	0.00	0.60		-9.84	-9.24
	18	0.00	-11.84	3.51	0.00	0.60		-12.34	3.53	0.00	0.60		-8.33	-7.73
	36	0.00	-13.13	3.51	0.00	0.60		-12.02	3.53	0.00	0.60		-9.62	-9.02
6945	0	0.00	-11.59	3.53	0.00	0.60		-12.54	3.55	0.00	0.60		-8.06	-7.46
	18	0.00	-11.66	3.53	0.00	0.60		-13.11	3.55	0.00	0.60		-8.13	-7.53
	36	0.00	-12.07	3.53	0.00	0.60		-12.49	3.55	0.00	0.60		-8.54	-7.94
7025	0	0.00	-11.80	3.56	0.00	0.60		-12.66	3.58	0.00	0.60		-8.24	-7.64
	18	0.00	-11.83	3.56	0.00	0.60		-12.40	3.58	0.00	0.60		-8.27	-7.67
	36	0.00	-12.49	3.56	0.00	0.60		-12.56	3.58	0.00	0.60		-8.93	-8.33

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 11, 2024
Temperature / Humidity 22 deg. C / 36 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 26-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	0	0.07	0.08	0.14	-8.43	-	-	0.10	0.11	0.21	-6.82	24.00	30.82
	18	0.08	0.08	0.16	-7.84	-	-	0.12	0.12	0.24	-6.23	24.00	30.23
	36	0.07	0.07	0.14	-8.44	-	-	0.10	0.11	0.21	-6.83	24.00	30.83
6225	0	0.09	0.10	0.18	-7.36	-	-	0.13	0.14	0.27	-5.75	24.00	29.75
	18	0.09	0.11	0.19	-7.11	-	-	0.12	0.16	0.28	-5.50	24.00	29.50
	36	0.08	0.09	0.17	-7.80	-	-	0.11	0.13	0.24	-6.19	24.00	30.19
6385	0	0.08	0.09	0.17	-7.69	-	-	0.12	0.13	0.25	-6.08	24.00	30.08
	18	0.08	0.10	0.18	-7.42	-	-	0.12	0.14	0.26	-5.81	24.00	29.81
	36	0.08	0.08	0.16	-8.02	-	-	0.11	0.12	0.23	-6.41	24.00	30.41
6465	0	0.07	0.10	0.17	-7.65	-	-	0.10	0.15	0.25	-6.04	24.00	30.04
	18	0.07	0.12	0.18	-7.38	-	-	0.10	0.17	0.26	-5.77	24.00	29.77
	36	0.07	0.11	0.18	-7.50	-	-	0.10	0.15	0.26	-5.89	24.00	29.89

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5985	0	0.00	-15.04	3.27	0.00	1.61	-11.77	-10.16	-14.43	3.30	0.00	1.61	-11.13	-9.52
	18	0.00	-14.18	3.27	0.00	1.61	-10.91	-9.30	-14.10	3.30	0.00	1.61	-10.80	-9.19
	36	0.00	-14.80	3.27	0.00	1.61	-11.53	-9.92	-14.68	3.30	0.00	1.61	-11.38	-9.77
6225	0	0.00	-13.98	3.34	0.00	1.61	-10.64	-9.03	-13.48	3.37	0.00	1.61	-10.11	-8.50
	18	0.00	-14.03	3.34	0.00	1.61	-10.69	-9.08	-12.98	3.37	0.00	1.61	-9.61	-8.00
	36	0.00	-14.53	3.34	0.00	1.61	-11.19	-9.58	-13.83	3.37	0.00	1.61	-10.46	-8.85
6385	0	0.00	-14.35	3.39	0.00	1.61	-10.96	-9.35	-13.86	3.41	0.00	1.61	-10.45	-8.84
	18	0.00	-14.29	3.39	0.00	1.61	-10.90	-9.29	-13.41	3.41	0.00	1.61	-10.00	-8.39
	36	0.00	-14.46	3.39	0.00	1.61	-11.07	-9.46	-14.41	3.41	0.00	1.61	-11.00	-9.39
6465	0	0.00	-14.86	3.40	0.00	1.61	-11.46	-9.85	-13.42	3.43	0.00	1.61	-9.99	-8.38
	18	0.00	-15.23	3.40	0.00	1.61	-11.83	-10.22	-12.74	3.43	0.00	1.61	-9.31	-7.70
	36	0.00	-14.85	3.40	0.00	1.61	-11.45	-9.84	-13.17	3.43	0.00	1.61	-9.74	-8.13

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 11, 2024
Temperature / Humidity 22 deg. C / 36 % RH
Engineer Makoto Hosaka
Mode Tx 11ax-80 (OFDMA) 26-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	0	0.08	0.07	0.16	-8.08	-	-	0.09	0.09	0.18	-7.48	24.00	31.48
	18	0.09	0.09	0.18	-7.34	-	-	0.10	0.11	0.21	-6.74	24.00	30.74
	36	0.08	0.07	0.15	-8.18	-	-	0.09	0.08	0.17	-7.58	24.00	31.58
6625	0	0.08	0.08	0.16	-8.02	-	-	0.09	0.09	0.18	-7.42	24.00	31.42
	18	0.09	0.10	0.19	-7.11	-	-	0.11	0.12	0.22	-6.51	24.00	30.51
	36	0.08	0.07	0.15	-8.27	-	-	0.09	0.08	0.17	-7.67	24.00	31.67
6705	0	0.06	0.07	0.14	-8.65	-	-	0.07	0.08	0.16	-8.05	24.00	32.05
	18	0.08	0.08	0.16	-7.95	-	-	0.10	0.09	0.18	-7.35	24.00	31.35
	36	0.06	0.07	0.13	-8.85	-	-	0.07	0.08	0.15	-8.25	24.00	32.25
6865	0	0.06	0.07	0.13	-8.80	-	-	0.07	0.08	0.15	-8.20	24.00	32.20
	18	0.06	0.08	0.14	-8.58	-	-	0.07	0.09	0.16	-7.98	24.00	31.98
	36	0.06	0.06	0.12	-9.17	-	-	0.07	0.07	0.14	-8.57	24.00	32.57
6945	0	0.08	0.06	0.14	-8.45	-	-	0.09	0.07	0.16	-7.85	24.00	31.85
	18	0.09	0.06	0.15	-8.30	-	-	0.10	0.07	0.17	-7.70	24.00	31.70
	36	0.07	0.06	0.13	-8.73	-	-	0.08	0.07	0.15	-8.13	24.00	32.13
7025	0	0.08	0.06	0.14	-8.63	-	-	0.09	0.07	0.16	-8.03	24.00	32.03
	18	0.07	0.07	0.14	-8.55	-	-	0.08	0.08	0.16	-7.95	24.00	31.95
	36	0.06	0.07	0.13	-8.86	-	-	0.07	0.08	0.15	-8.26	24.00	32.26

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6545	0	0.00	-14.33	3.42	0.00	0.60	-10.91	-10.31	-14.72	3.44	0.00	0.60	-11.28	-10.68
	18	0.00	-13.83	3.42	0.00	0.60	-10.41	-9.81	-13.74	3.44	0.00	0.60	-10.30	-9.70
	36	0.00	-14.40	3.42	0.00	0.60	-10.98	-10.38	-14.85	3.44	0.00	0.60	-11.41	-10.81
6625	0	0.00	-14.55	3.45	0.00	0.60	-11.10	-10.50	-14.43	3.47	0.00	0.60	-10.96	-10.36
	18	0.00	-13.74	3.45	0.00	0.60	-10.29	-9.69	-13.42	3.47	0.00	0.60	-9.95	-9.35
	36	0.00	-14.66	3.45	0.00	0.60	-11.21	-10.61	-14.83	3.47	0.00	0.60	-11.36	-10.76
6705	0	0.00	-15.45	3.47	0.00	0.60	-11.98	-11.38	-14.85	3.49	0.00	0.60	-11.36	-10.76
	18	0.00	-14.25	3.47	0.00	0.60	-10.78	-10.18	-14.64	3.49	0.00	0.60	-11.15	-10.55
	36	0.00	-15.49	3.47	0.00	0.60	-12.02	-11.42	-15.19	3.49	0.00	0.60	-11.70	-11.10
6865	0	0.00	-15.66	3.51	0.00	0.60	-12.15	-11.55	-15.03	3.53	0.00	0.60	-11.50	-10.90
	18	0.00	-15.57	3.51	0.00	0.60	-12.06	-11.46	-14.70	3.53	0.00	0.60	-11.17	-10.57
	36	0.00	-15.98	3.51	0.00	0.60	-12.47	-11.87	-15.44	3.53	0.00	0.60	-11.91	-11.31
6945	0	0.00	-14.60	3.53	0.00	0.60	-11.07	-10.47	-15.44	3.55	0.00	0.60	-11.89	-11.29
	18	0.00	-14.19	3.53	0.00	0.60	-10.66	-10.06	-15.62	3.55	0.00	0.60	-12.07	-11.47
	36	0.00	-14.99	3.53	0.00	0.60	-11.46	-10.86	-15.59	3.55	0.00	0.60	-12.04	-11.44
7025	0	0.00	-14.76	3.56	0.00	0.60	-11.20	-10.60	-15.71	3.58	0.00	0.60	-12.13	-11.53
	18	0.00	-14.97	3.56	0.00	0.60	-11.41	-10.81	-15.30	3.58	0.00	0.60	-11.72	-11.12
	36	0.00	-15.46	3.56	0.00	0.60	-11.90	-11.30	-15.42	3.58	0.00	0.60	-11.84	-11.24

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 + Antenna Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 52-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5985	37	0.22	0.25	0.47	-3.26	-	-	0.32	0.37	0.68	-1.65	24.00	25.65
	44	0.23	0.27	0.50	-3.05	-	-	0.33	0.39	0.72	-1.44	24.00	25.44
	52	0.20	0.23	0.43	-3.66	-	-	0.30	0.33	0.62	-2.05	24.00	26.05
6225	37	0.28	0.30	0.58	-2.36	-	-	0.40	0.44	0.84	-0.75	24.00	24.75
	44	0.28	0.31	0.59	-2.29	-	-	0.40	0.45	0.85	-0.68	24.00	24.68
	52	0.24	0.29	0.53	-2.76	-	-	0.35	0.42	0.77	-1.15	24.00	25.15
6385	37	0.24	0.28	0.51	-2.89	-	-	0.34	0.40	0.74	-1.28	24.00	25.28
	44	0.23	0.28	0.51	-2.93	-	-	0.33	0.40	0.74	-1.32	24.00	25.32
	52	0.21	0.25	0.46	-3.42	-	-	0.30	0.36	0.66	-1.81	24.00	25.81
6465	37	0.21	0.33	0.54	-2.64	-	-	0.31	0.48	0.79	-1.03	24.00	25.03
	44	0.23	0.32	0.55	-2.61	-	-	0.33	0.47	0.80	-1.00	24.00	25.00
	52	0.21	0.32	0.53	-2.72	-	-	0.31	0.47	0.77	-1.11	24.00	25.11

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5985	37	0.00	-9.86	3.27	0.00	1.61	-6.59	-4.98	-9.27	3.30	0.00	1.61	-5.97	-4.36
	44	0.00	-9.67	3.27	0.00	1.61	-6.40	-4.79	-9.04	3.30	0.00	1.61	-5.74	-4.13
	52	0.00	-10.18	3.27	0.00	1.61	-6.91	-5.30	-9.75	3.30	0.00	1.61	-6.45	-4.84
6225	37	0.00	-8.90	3.34	0.00	1.61	-5.56	-3.95	-8.56	3.37	0.00	1.61	-5.19	-3.58
	44	0.00	-8.90	3.34	0.00	1.61	-5.56	-3.95	-8.43	3.37	0.00	1.61	-5.06	-3.45
	52	0.00	-9.50	3.34	0.00	1.61	-6.16	-4.55	-8.79	3.37	0.00	1.61	-5.42	-3.81
6385	37	0.00	-9.65	3.39	0.00	1.61	-6.26	-4.65	-8.98	3.41	0.00	1.61	-5.57	-3.96
	44	0.00	-9.77	3.39	0.00	1.61	-6.38	-4.77	-8.96	3.41	0.00	1.61	-5.55	-3.94
	52	0.00	-10.18	3.39	0.00	1.61	-6.79	-5.18	-9.50	3.41	0.00	1.61	-6.09	-4.48
6465	37	0.00	-10.08	3.40	0.00	1.61	-6.68	-5.07	-8.25	3.43	0.00	1.61	-4.82	-3.21
	44	0.00	-9.83	3.40	0.00	1.61	-6.43	-4.82	-8.36	3.43	0.00	1.61	-4.93	-3.32
	52	0.00	-10.12	3.40	0.00	1.61	-6.72	-5.11	-8.35	3.43	0.00	1.61	-4.92	-3.31

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

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 52-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	37	0.29	0.26	0.55	-2.60	-	-	0.34	0.29	0.63	-2.00	24.00	26.00
	44	0.28	0.28	0.56	-2.54	-	-	0.32	0.32	0.64	-1.94	24.00	25.94
	52	0.29	0.25	0.53	-2.73	-	-	0.33	0.28	0.61	-2.13	24.00	26.13
6625	37	0.27	0.27	0.54	-2.69	-	-	0.31	0.31	0.62	-2.09	24.00	26.09
	44	0.30	0.32	0.62	-2.11	-	-	0.34	0.37	0.71	-1.51	24.00	25.51
	52	0.27	0.25	0.52	-2.84	-	-	0.31	0.29	0.60	-2.24	24.00	26.24
6705	37	0.22	0.28	0.50	-2.99	-	-	0.25	0.33	0.58	-2.39	24.00	26.39
	44	0.27	0.30	0.58	-2.40	-	-	0.32	0.35	0.66	-1.80	24.00	25.80
	52	0.22	0.28	0.50	-2.99	-	-	0.25	0.33	0.58	-2.39	24.00	26.39
6865	37	0.20	0.25	0.45	-3.51	-	-	0.23	0.28	0.51	-2.91	24.00	26.91
	44	0.22	0.29	0.51	-2.93	-	-	0.25	0.33	0.58	-2.33	24.00	26.33
	52	0.19	0.28	0.47	-3.26	-	-	0.22	0.32	0.54	-2.66	24.00	26.66
6945	37	0.29	0.25	0.54	-2.67	-	-	0.33	0.29	0.62	-2.07	24.00	26.07
	44	0.31	0.28	0.59	-2.31	-	-	0.35	0.32	0.67	-1.71	24.00	25.71
	52	0.26	0.24	0.49	-3.06	-	-	0.30	0.27	0.57	-2.46	24.00	26.46
7025	37	0.28	0.24	0.52	-2.84	-	-	0.32	0.28	0.60	-2.24	24.00	26.24
	44	0.32	0.27	0.59	-2.32	-	-	0.37	0.31	0.67	-1.72	24.00	25.72
	52	0.31	0.25	0.56	-2.52	-	-	0.36	0.28	0.64	-1.92	24.00	25.92

		ANT0							ANT1						
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	
							[dBm]	[dBm]	[dBm]				[dBm]	[dBm]	
6545	37	0.00	-8.75	3.42	0.00	0.60	-5.33	-4.73	-9.36	3.44	0.00	0.60	-5.92	-5.32	
	44	0.00	-8.97	3.42	0.00	0.60	-5.55	-4.95	-8.99	3.44	0.00	0.60	-5.55	-4.95	
	52	0.00	-8.86	3.42	0.00	0.60	-5.44	-4.84	-9.50	3.44	0.00	0.60	-6.06	-5.46	
6625	37	0.00	-9.17	3.45	0.00	0.60	-5.72	-5.12	-9.16	3.47	0.00	0.60	-5.69	-5.09	
	44	0.00	-8.72	3.45	0.00	0.60	-5.27	-4.67	-8.44	3.47	0.00	0.60	-4.97	-4.37	
	52	0.00	-9.20	3.45	0.00	0.60	-5.75	-5.15	-9.42	3.47	0.00	0.60	-5.95	-5.35	
6705	37	0.00	-10.07	3.47	0.00	0.60	-6.60	-6.00	-8.97	3.49	0.00	0.60	-5.48	-4.88	
	44	0.00	-9.08	3.47	0.00	0.60	-5.61	-5.01	-8.71	3.49	0.00	0.60	-5.22	-4.62	
	52	0.00	-10.08	3.47	0.00	0.60	-6.61	-6.01	-8.95	3.49	0.00	0.60	-5.46	-4.86	
6865	37	0.00	-10.54	3.51	0.00	0.60	-7.03	-6.43	-9.59	3.53	0.00	0.60	-6.06	-5.46	
	44	0.00	-10.07	3.51	0.00	0.60	-6.56	-5.96	-8.93	3.53	0.00	0.60	-5.40	-4.80	
	52	0.00	-10.70	3.51	0.00	0.60	-7.19	-6.59	-9.05	3.53	0.00	0.60	-5.52	-4.92	
6945	37	0.00	-8.94	3.53	0.00	0.60	-5.41	-4.81	-9.51	3.55	0.00	0.60	-5.96	-5.36	
	44	0.00	-8.64	3.53	0.00	0.60	-5.11	-4.51	-9.10	3.55	0.00	0.60	-5.55	-4.95	
	52	0.00	-9.40	3.53	0.00	0.60	-5.87	-5.27	-9.83	3.55	0.00	0.60	-6.28	-5.68	
7025	37	0.00	-9.16	3.56	0.00	0.60	-5.60	-5.00	-9.69	3.58	0.00	0.60	-6.11	-5.51	
	44	0.00	-8.53	3.56	0.00	0.60	-4.97	-4.37	-9.30	3.58	0.00	0.60	-5.72	-5.12	
	52	0.00	-8.60	3.56	0.00	0.60	-5.04	-4.44	-9.66	3.58	0.00	0.60	-6.08	-5.48	

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

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 52-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	37	0.12	0.13	0.25	-6.09	-	-		0.17	0.18	0.36	-4.48	24.00	28.48
	44	0.13	0.14	0.27	-5.71	-	-		0.19	0.20	0.39	-4.10	24.00	28.10
	52	0.11	0.11	0.22	-6.58	-	-		0.16	0.16	0.32	-4.97	24.00	28.97
6225	37	0.13	0.16	0.28	-5.48	-	-		0.18	0.23	0.41	-3.87	24.00	27.87
	44	0.14	0.14	0.28	-5.54	-	-		0.20	0.20	0.40	-3.93	24.00	27.93
	52	0.14	0.15	0.28	-5.49	-	-		0.20	0.21	0.41	-3.88	24.00	27.88
6385	37	0.13	0.15	0.28	-5.53	-	-		0.19	0.22	0.41	-3.92	24.00	27.92
	44	0.13	0.13	0.26	-5.92	-	-		0.18	0.19	0.37	-4.31	24.00	28.31
	52	0.13	0.13	0.25	-5.94	-	-		0.19	0.18	0.37	-4.33	24.00	28.33
6465	37	0.10	0.17	0.28	-5.59	-	-		0.15	0.25	0.40	-3.98	24.00	27.98
	44	0.12	0.17	0.29	-5.34	-	-		0.18	0.25	0.42	-3.73	24.00	27.73
	52	0.11	0.16	0.27	-5.61	-	-		0.16	0.23	0.40	-4.00	24.00	28.00

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result	
							Cond. Power [dBm]	e.i.r.p. [dBm]						Cond. Power [dBm]	e.i.r.p. [dBm]
5985	37	0.00	-12.47	3.27	0.00	1.61	-9.20	-7.59	-12.30	3.30	0.00	0.00	1.61	-9.00	-7.39
	44	0.00	-12.19	3.27	0.00	1.61	-8.92	-7.31	-11.83	3.30	0.00	0.00	1.61	-8.53	-6.92
	52	0.00	-12.84	3.27	0.00	1.61	-9.57	-7.96	-12.92	3.30	0.00	0.00	1.61	-9.62	-8.01
6225	37	0.00	-12.36	3.34	0.00	1.61	-9.02	-7.41	-11.38	3.37	0.00	0.00	1.61	-8.01	-6.40
	44	0.00	-11.89	3.34	0.00	1.61	-8.55	-6.94	-11.93	3.37	0.00	0.00	1.61	-8.56	-6.95
	52	0.00	-12.00	3.34	0.00	1.61	-8.66	-7.05	-11.72	3.37	0.00	0.00	1.61	-8.35	-6.74
6385	37	0.00	-12.31	3.39	0.00	1.61	-8.92	-7.31	-11.61	3.41	0.00	0.00	1.61	-8.20	-6.59
	44	0.00	-12.38	3.39	0.00	1.61	-8.99	-7.38	-12.29	3.41	0.00	0.00	1.61	-8.88	-7.27
	52	0.00	-12.30	3.39	0.00	1.61	-8.91	-7.30	-12.40	3.41	0.00	0.00	1.61	-8.99	-7.38
6465	37	0.00	-13.28	3.40	0.00	1.61	-9.88	-8.27	-11.05	3.43	0.00	0.00	1.61	-7.62	-6.01
	44	0.00	-12.53	3.40	0.00	1.61	-9.13	-7.52	-11.12	3.43	0.00	0.00	1.61	-7.69	-6.08
	52	0.00	-12.86	3.40	0.00	1.61	-9.46	-7.85	-11.35	3.43	0.00	0.00	1.61	-7.92	-6.31

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 52-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6545	37	0.16	0.14	0.31	-5.15	-	-		0.19	0.16	0.35	-4.55	24.00	28.55
	44	0.18	0.16	0.35	-4.60	-	-		0.21	0.19	0.40	-4.00	24.00	28.00
	52	0.15	0.14	0.29	-5.34	-	-		0.18	0.16	0.34	-4.74	24.00	28.74
6625	37	0.15	0.15	0.30	-5.25	-	-		0.17	0.17	0.34	-4.65	24.00	28.65
	44	0.16	0.17	0.33	-4.85	-	-		0.18	0.19	0.38	-4.25	24.00	28.25
	52	0.15	0.15	0.29	-5.36	-	-		0.17	0.17	0.33	-4.76	24.00	28.76
6705	37	0.12	0.15	0.28	-5.58	-	-		0.14	0.17	0.32	-4.98	24.00	28.98
	44	0.14	0.14	0.29	-5.44	-	-		0.17	0.16	0.33	-4.84	24.00	28.84
	52	0.12	0.16	0.28	-5.58	-	-		0.14	0.18	0.32	-4.98	24.00	28.98
6865	37	0.12	0.13	0.26	-5.90	-	-		0.14	0.15	0.29	-5.30	24.00	29.30
	44	0.13	0.14	0.26	-5.78	-	-		0.14	0.16	0.30	-5.18	24.00	29.18
	52	0.11	0.14	0.25	-5.94	-	-		0.13	0.17	0.29	-5.34	24.00	29.34
6945	37	0.17	0.14	0.31	-5.03	-	-		0.19	0.17	0.36	-4.43	24.00	28.43
	44	0.17	0.14	0.31	-5.07	-	-		0.19	0.16	0.36	-4.47	24.00	28.47
	52	0.14	0.12	0.26	-5.81	-	-		0.16	0.14	0.30	-5.21	24.00	29.21
7025	37	0.17	0.13	0.30	-5.28	-	-		0.20	0.14	0.34	-4.68	24.00	28.68
	44	0.15	0.13	0.28	-5.52	-	-		0.17	0.15	0.32	-4.92	24.00	28.92
	52	0.13	0.13	0.25	-5.96	-	-		0.15	0.14	0.29	-5.36	24.00	29.36

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result	
			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]
6545	37	0.00	-11.30	3.42	0.00	0.60	-7.88	-7.28	-11.90	3.44	0.00	0.60	-8.46	-7.86
	44	0.00	-10.77	3.42	0.00	0.60	-7.35	-6.75	-11.33	3.44	0.00	0.60	-7.89	-7.29
	52	0.00	-11.57	3.42	0.00	0.60	-8.15	-7.55	-12.01	3.44	0.00	0.60	-8.57	-7.97
6625	37	0.00	-11.79	3.45	0.00	0.60	-8.34	-7.74	-11.66	3.47	0.00	0.60	-8.19	-7.59
	44	0.00	-11.46	3.45	0.00	0.60	-8.01	-7.41	-11.18	3.47	0.00	0.60	-7.71	-7.11
	52	0.00	-11.82	3.45	0.00	0.60	-8.37	-7.77	-11.84	3.47	0.00	0.60	-8.37	-7.77
6705	37	0.00	-12.52	3.47	0.00	0.60	-9.05	-8.45	-11.67	3.49	0.00	0.60	-8.18	-7.58
	44	0.00	-11.86	3.47	0.00	0.60	-8.39	-7.79	-12.01	3.49	0.00	0.60	-8.52	-7.92
	52	0.00	-12.62	3.47	0.00	0.60	-9.15	-8.55	-11.58	3.49	0.00	0.60	-8.09	-7.49
6865	37	0.00	-12.65	3.51	0.00	0.60	-9.14	-8.54	-12.23	3.53	0.00	0.60	-8.70	-8.10
	44	0.00	-12.54	3.51	0.00	0.60	-9.03	-8.43	-12.10	3.53	0.00	0.60	-8.57	-7.97
	52	0.00	-13.08	3.51	0.00	0.60	-9.57	-8.97	-11.94	3.53	0.00	0.60	-8.41	-7.81
6945	37	0.00	-11.25	3.53	0.00	0.60	-7.72	-7.12	-11.94	3.55	0.00	0.60	-8.39	-7.79
	44	0.00	-11.29	3.53	0.00	0.60	-7.76	-7.16	-11.98	3.55	0.00	0.60	-8.43	-7.83
	52	0.00	-12.09	3.53	0.00	0.60	-8.56	-7.96	-12.65	3.55	0.00	0.60	-9.10	-8.50
7025	37	0.00	-11.24	3.56	0.00	0.60	-7.68	-7.08	-12.58	3.58	0.00	0.60	-9.00	-8.40
	44	0.00	-11.89	3.56	0.00	0.60	-8.33	-7.73	-12.32	3.58	0.00	0.60	-8.74	-8.14
	52	0.00	-12.49	3.56	0.00	0.60	-8.93	-8.33	-12.60	3.58	0.00	0.60	-9.02	-8.42

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 106-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]				
5985	53	0.40	0.50	0.91	-0.42	-	-	-	0.58	0.73	1.31	1.19	24.00	22.81	
	56	0.45	0.51	0.96	-0.18	-	-	-	0.65	0.74	1.39	1.43	24.00	22.57	
	60	0.41	0.51	0.92	-0.36	-	-	-	0.60	0.74	1.33	1.25	24.00	22.75	
6225	53	0.49	0.58	1.07	0.29	-	-	-	0.71	0.84	1.55	1.90	24.00	22.10	
	56	0.56	0.67	1.23	0.89	-	-	-	0.81	0.97	1.78	2.50	24.00	21.50	
	60	0.54	0.59	1.13	0.54	-	-	-	0.79	0.86	1.64	2.15	24.00	21.85	
6385	53	0.50	0.49	0.99	-0.02	-	-	-	0.73	0.71	1.44	1.59	24.00	22.41	
	56	0.50	0.55	1.05	0.23	-	-	-	0.72	0.80	1.53	1.84	24.00	22.16	
	60	0.45	0.48	0.93	-0.32	-	-	-	0.65	0.70	1.35	1.29	24.00	22.71	
6465	53	0.44	0.69	1.12	0.51	-	-	-	0.63	1.00	1.63	2.12	24.00	21.88	
	56	0.42	0.71	1.14	0.56	-	-	-	0.62	1.03	1.65	2.17	24.00	21.83	
	60	0.45	0.70	1.15	0.59	-	-	-	0.65	1.01	1.66	2.20	24.00	21.80	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0							ANT1						
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result [dBm]	e.i.r.p. [dBm]
5985	53	0.00	-7.22	3.27	0.00	1.61	-3.95	-2.34	-6.27	3.30	0.00	0.00	1.61	-2.97	-1.36	
	56	0.00	-6.75	3.27	0.00	1.61	-3.48	-1.87	-6.21	3.30	0.00	0.00	1.61	-2.91	-1.30	
	60	0.00	-7.12	3.27	0.00	1.61	-3.85	-2.24	-6.23	3.30	0.00	0.00	1.61	-2.93	-1.32	
6225	53	0.00	-6.45	3.34	0.00	1.61	-3.11	-1.50	-5.73	3.37	0.00	0.00	1.61	-2.36	-0.75	
	56	0.00	-5.87	3.34	0.00	1.61	-2.53	-0.92	-5.11	3.37	0.00	0.00	1.61	-1.74	-0.13	
	60	0.00	-6.00	3.34	0.00	1.61	-2.66	-1.05	-5.65	3.37	0.00	0.00	1.61	-2.28	-0.67	
6385	53	0.00	-6.39	3.39	0.00	1.61	-3.00	-1.39	-6.48	3.41	0.00	0.00	1.61	-3.07	-1.46	
	56	0.00	-6.41	3.39	0.00	1.61	-3.02	-1.41	-5.97	3.41	0.00	0.00	1.61	-2.56	-0.95	
	60	0.00	-6.89	3.39	0.00	1.61	-3.50	-1.89	-6.57	3.41	0.00	0.00	1.61	-3.16	-1.55	
6465	53	0.00	-7.00	3.40	0.00	1.61	-3.60	-1.99	-5.06	3.43	0.00	0.00	1.61	-1.63	-0.02	
	56	0.00	-7.12	3.40	0.00	1.61	-3.72	-2.11	-4.90	3.43	0.00	0.00	1.61	-1.47	0.14	
	60	0.00	-6.88	3.40	0.00	1.61	-3.48	-1.87	-5.00	3.43	0.00	0.00	1.61	-1.57	0.04	

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 106-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6545	53	0.62	0.64	1.26	1.00	-	-	0.71	0.74	1.44	1.60	24.00	22.40
	56	0.67	0.61	1.28	1.08	-	-	0.77	0.70	1.47	1.68	24.00	22.32
	60	0.59	0.60	1.19	0.75	-	-	0.67	0.69	1.36	1.35	24.00	22.65
6625	53	0.57	0.58	1.15	0.62	-	-	0.65	0.67	1.32	1.22	24.00	22.78
	56	0.57	0.65	1.22	0.85	-	-	0.66	0.74	1.40	1.45	24.00	22.55
	60	0.62	0.61	1.23	0.90	-	-	0.71	0.70	1.41	1.50	24.00	22.50
6705	53	0.47	0.55	1.02	0.10	-	-	0.54	0.63	1.18	0.70	24.00	23.30
	56	0.49	0.60	1.09	0.37	-	-	0.56	0.69	1.25	0.97	24.00	23.03
	60	0.48	0.52	1.00	-0.01	-	-	0.55	0.60	1.15	0.59	24.00	23.41
6865	53	0.49	0.55	1.05	0.20	-	-	0.57	0.64	1.20	0.80	24.00	23.20
	56	0.45	0.60	1.06	0.23	-	-	0.52	0.69	1.21	0.83	24.00	23.17
	60	0.47	0.49	0.95	-0.20	-	-	0.54	0.56	1.10	0.40	24.00	23.60
6945	53	0.58	0.51	1.09	0.37	-	-	0.67	0.58	1.25	0.97	24.00	23.03
	56	0.62	0.54	1.16	0.66	-	-	0.71	0.62	1.34	1.26	24.00	22.74
	60	0.53	0.50	1.04	0.16	-	-	0.61	0.58	1.19	0.76	24.00	23.24
7025	53	0.58	0.49	1.08	0.32	-	-	0.67	0.57	1.23	0.92	24.00	23.08
	56	0.60	0.52	1.12	0.49	-	-	0.69	0.60	1.29	1.09	24.00	22.91
	60	0.59	0.53	1.12	0.49	-	-	0.68	0.61	1.29	1.09	24.00	22.91

ANT0							ANT1							
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
							[dBm]	[dBm]	[dBm]				[dBm]	[dBm]
6545	53	0.00	-5.52	3.42	0.00	0.60	-2.10	-1.50	-5.37	3.44	0.00	0.60	-1.93	-1.33
	56	0.00	-5.14	3.42	0.00	0.60	-1.72	-1.12	-5.60	3.44	0.00	0.60	-2.16	-1.56
	60	0.00	-5.73	3.42	0.00	0.60	-2.31	-1.71	-5.65	3.44	0.00	0.60	-2.21	-1.61
6625	53	0.00	-5.90	3.45	0.00	0.60	-2.45	-1.85	-5.81	3.47	0.00	0.60	-2.34	-1.74
	56	0.00	-5.88	3.45	0.00	0.60	-2.43	-1.83	-5.37	3.47	0.00	0.60	-1.90	-1.30
	60	0.00	-5.56	3.45	0.00	0.60	-2.11	-1.51	-5.59	3.47	0.00	0.60	-2.12	-1.52
6705	53	0.00	-6.73	3.47	0.00	0.60	-3.26	-2.66	-6.07	3.49	0.00	0.60	-2.58	-1.98
	56	0.00	-6.57	3.47	0.00	0.60	-3.10	-2.50	-5.71	3.49	0.00	0.60	-2.22	-1.62
	60	0.00	-6.66	3.47	0.00	0.60	-3.19	-2.59	-6.34	3.49	0.00	0.60	-2.85	-2.25
6865	53	0.00	-6.58	3.51	0.00	0.60	-3.07	-2.47	-6.10	3.53	0.00	0.60	-2.57	-1.97
	56	0.00	-6.94	3.51	0.00	0.60	-3.43	-2.83	-5.74	3.53	0.00	0.60	-2.21	-1.61
	60	0.00	-6.81	3.51	0.00	0.60	-3.30	-2.70	-6.66	3.53	0.00	0.60	-3.13	-2.53
6945	53	0.00	-5.88	3.53	0.00	0.60	-2.35	-1.75	-6.50	3.55	0.00	0.60	-2.95	-2.35
	56	0.00	-5.60	3.53	0.00	0.60	-2.07	-1.47	-6.20	3.55	0.00	0.60	-2.65	-2.05
	60	0.00	-6.26	3.53	0.00	0.60	-2.73	-2.13	-6.52	3.55	0.00	0.60	-2.97	-2.37
7025	53	0.00	-5.91	3.56	0.00	0.60	-2.35	-1.75	-6.65	3.58	0.00	0.60	-3.07	-2.47
	56	0.00	-5.79	3.56	0.00	0.60	-2.23	-1.63	-6.41	3.58	0.00	0.60	-2.83	-2.23
	60	0.00	-5.83	3.56	0.00	0.60	-2.27	-1.67	-6.36	3.58	0.00	0.60	-2.78	-2.18

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

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 106-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	53	0.22	0.24	0.46	-3.38	-	-		0.32	0.34	0.67	-1.77	24.00	25.77
	56	0.25	0.27	0.51	-2.89	-	-		0.36	0.39	0.74	-1.28	24.00	25.28
	60	0.22	0.25	0.47	-3.32	-	-		0.31	0.36	0.67	-1.71	24.00	25.71
6225	53	0.27	0.32	0.59	-2.29	-	-		0.40	0.46	0.86	-0.68	24.00	24.68
	56	0.29	0.31	0.60	-2.25	-	-		0.42	0.45	0.86	-0.64	24.00	24.64
	60	0.24	0.29	0.53	-2.73	-	-		0.35	0.42	0.77	-1.12	24.00	25.12
6385	53	0.25	0.30	0.55	-2.61	-	-		0.36	0.43	0.79	-1.00	24.00	25.00
	56	0.24	0.28	0.52	-2.82	-	-		0.34	0.41	0.76	-1.21	24.00	25.21
	60	0.26	0.27	0.53	-2.78	-	-		0.38	0.39	0.76	-1.17	24.00	25.17
6465	53	0.23	0.35	0.58	-2.40	-	-		0.33	0.50	0.83	-0.79	24.00	24.79
	56	0.24	0.37	0.60	-2.20	-	-		0.34	0.53	0.87	-0.59	24.00	24.59
	60	0.22	0.34	0.56	-2.51	-	-		0.32	0.49	0.81	-0.90	24.00	24.90

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5985	53	0.00	-9.78	3.27	0.00	1.61	-6.51	-4.90	-9.57	3.30	0.00	1.61	-6.27	-4.66
	56	0.00	-9.36	3.27	0.00	1.61	-6.09	-4.48	-9.02	3.30	0.00	1.61	-5.72	-4.11
	60	0.00	-9.91	3.27	0.00	1.61	-6.64	-5.03	-9.35	3.30	0.00	1.61	-6.05	-4.44
6225	53	0.00	-8.96	3.34	0.00	1.61	-5.62	-4.01	-8.37	3.37	0.00	1.61	-5.00	-3.39
	56	0.00	-8.75	3.34	0.00	1.61	-5.41	-3.80	-8.49	3.37	0.00	1.61	-5.12	-3.51
	60	0.00	-9.51	3.34	0.00	1.61	-6.17	-4.56	-8.72	3.37	0.00	1.61	-5.35	-3.74
6385	53	0.00	-9.41	3.39	0.00	1.61	-6.02	-4.41	-8.67	3.41	0.00	1.61	-5.26	-3.65
	56	0.00	-9.63	3.39	0.00	1.61	-6.24	-4.63	-8.87	3.41	0.00	1.61	-5.46	-3.85
	60	0.00	-9.23	3.39	0.00	1.61	-5.84	-4.23	-9.15	3.41	0.00	1.61	-5.74	-4.13
6465	53	0.00	-9.79	3.40	0.00	1.61	-6.39	-4.78	-8.04	3.43	0.00	1.61	-4.61	-3.00
	56	0.00	-9.68	3.40	0.00	1.61	-6.28	-4.67	-7.79	3.43	0.00	1.61	-4.36	-2.75
	60	0.00	-9.94	3.40	0.00	1.61	-6.54	-4.93	-8.13	3.43	0.00	1.61	-4.70	-3.09

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 106-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	53	0.30	0.27	0.57	-2.43	-	-	0.35	0.31	0.66	-1.83	24.00	25.83
	56	0.34	0.30	0.64	-1.94	-	-	0.39	0.35	0.73	-1.34	24.00	25.34
	60	0.27	0.26	0.52	-2.80	-	-	0.31	0.30	0.60	-2.20	24.00	26.20
6625	53	0.28	0.30	0.58	-2.35	-	-	0.32	0.34	0.67	-1.75	24.00	25.75
	56	0.30	0.32	0.62	-2.05	-	-	0.34	0.37	0.72	-1.45	24.00	25.45
	60	0.28	0.27	0.55	-2.61	-	-	0.32	0.31	0.63	-2.01	24.00	26.01
6705	53	0.27	0.31	0.58	-2.36	-	-	0.31	0.36	0.67	-1.76	24.00	25.76
	56	0.28	0.31	0.58	-2.33	-	-	0.32	0.35	0.67	-1.73	24.00	25.73
	60	0.23	0.31	0.54	-2.67	-	-	0.27	0.35	0.62	-2.07	24.00	26.07
6865	53	0.22	0.27	0.49	-3.13	-	-	0.25	0.31	0.56	-2.53	24.00	26.53
	56	0.24	0.31	0.56	-2.55	-	-	0.28	0.36	0.64	-1.95	24.00	25.95
	60	0.21	0.30	0.51	-2.91	-	-	0.25	0.34	0.59	-2.31	24.00	26.31
6945	53	0.32	0.27	0.59	-2.30	-	-	0.36	0.31	0.68	-1.70	24.00	25.70
	56	0.32	0.28	0.60	-2.22	-	-	0.37	0.32	0.69	-1.62	24.00	25.62
	60	0.27	0.28	0.56	-2.53	-	-	0.32	0.33	0.64	-1.93	24.00	25.93
7025	53	0.27	0.28	0.55	-2.63	-	-	0.31	0.32	0.63	-2.03	24.00	26.03
	56	0.33	0.26	0.59	-2.30	-	-	0.38	0.29	0.68	-1.70	24.00	25.70
	60	0.28	0.23	0.51	-2.92	-	-	0.32	0.26	0.59	-2.32	24.00	26.32

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
			[dBm]				[dBm]	[dBm]	[dBm]				[dBm]	[dBm]
6545	53	0.00	-8.60	3.42	0.00	0.60	-5.18	-4.58	-9.16	3.44	0.00	0.60	-5.72	-5.12
	56	0.00	-8.14	3.42	0.00	0.60	-4.72	-4.12	-8.63	3.44	0.00	0.60	-5.19	-4.59
	60	0.00	-9.17	3.42	0.00	0.60	-5.75	-5.15	-9.31	3.44	0.00	0.60	-5.87	-5.27
6625	53	0.00	-8.95	3.45	0.00	0.60	-5.50	-4.90	-8.70	3.47	0.00	0.60	-5.23	-4.63
	56	0.00	-8.68	3.45	0.00	0.60	-5.23	-4.63	-8.37	3.47	0.00	0.60	-4.90	-4.30
	60	0.00	-8.99	3.45	0.00	0.60	-5.54	-4.94	-9.18	3.47	0.00	0.60	-5.71	-5.11
6705	53	0.00	-9.17	3.47	0.00	0.60	-5.70	-5.10	-8.56	3.49	0.00	0.60	-5.07	-4.47
	56	0.00	-9.01	3.47	0.00	0.60	-5.54	-4.94	-8.64	3.49	0.00	0.60	-5.15	-4.55
	60	0.00	-9.78	3.47	0.00	0.60	-6.31	-5.71	-8.62	3.49	0.00	0.60	-5.13	-4.53
6865	53	0.00	-10.10	3.51	0.00	0.60	-6.59	-5.99	-9.27	3.53	0.00	0.60	-5.74	-5.14
	56	0.00	-9.67	3.51	0.00	0.60	-6.16	-5.56	-8.56	3.53	0.00	0.60	-5.03	-4.43
	60	0.00	-10.19	3.51	0.00	0.60	-6.68	-6.08	-8.81	3.53	0.00	0.60	-5.28	-4.68
6945	53	0.00	-8.54	3.53	0.00	0.60	-5.01	-4.41	-9.19	3.55	0.00	0.60	-5.64	-5.04
	56	0.00	-8.45	3.53	0.00	0.60	-4.92	-4.32	-9.11	3.55	0.00	0.60	-5.56	-4.96
	60	0.00	-9.14	3.53	0.00	0.60	-5.61	-5.01	-9.03	3.55	0.00	0.60	-5.48	-4.88
7025	53	0.00	-9.27	3.56	0.00	0.60	-5.71	-5.11	-9.15	3.58	0.00	0.60	-5.57	-4.97
	56	0.00	-8.34	3.56	0.00	0.60	-4.78	-4.18	-9.49	3.58	0.00	0.60	-5.91	-5.31
	60	0.00	-9.10	3.56	0.00	0.60	-5.54	-4.94	-9.95	3.58	0.00	0.60	-6.37	-5.77

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 242-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.						
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]				
5985	61	1.00	1.01	2.01	3.04	-	-		1.45	1.47	2.92	4.65	24.00	19.35	
	62	0.88	1.12	2.00	3.00	-	-		1.27	1.62	2.89	4.61	24.00	19.39	
	64	0.93	1.13	2.06	3.14	-	-		1.35	1.64	2.98	4.75	24.00	19.25	
6225	61	0.98	1.24	2.22	3.47	-	-		1.43	1.79	3.22	5.08	24.00	18.92	
	62	0.96	1.30	2.26	3.55	-	-		1.39	1.89	3.28	5.16	24.00	18.84	
	64	1.01	1.14	2.16	3.34	-	-		1.47	1.66	3.12	4.95	24.00	19.05	
6385	61	1.03	1.05	2.08	3.19	-	-		1.49	1.53	3.02	4.80	24.00	19.20	
	62	0.86	1.09	1.95	2.90	-	-		1.25	1.58	2.82	4.51	24.00	19.49	
	64	0.97	1.11	2.08	3.19	-	-		1.40	1.61	3.02	4.80	24.00	19.20	
6465	61	0.89	1.44	2.33	3.68	-	-		1.29	2.09	3.38	5.29	24.00	18.71	
	62	0.76	1.53	2.29	3.60	-	-		1.10	2.21	3.32	5.21	24.00	18.79	
	64	0.85	1.54	2.39	3.79	-	-		1.23	2.23	3.47	5.40	24.00	18.60	

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5985	61	0.00	-13.25	3.27	9.98	1.61	0.00	1.61	-13.34	3.30	10.10	1.61	0.06	1.67
	62	0.00	-13.82	3.27	9.98	1.61	-0.57	1.04	-12.91	3.30	10.10	1.61	0.49	2.10
	64	0.00	-13.56	3.27	9.98	1.61	-0.31	1.30	-12.87	3.30	10.10	1.61	0.53	2.14
6225	61	0.00	-13.39	3.34	9.98	1.61	-0.07	1.54	-12.55	3.37	10.10	1.61	0.92	2.53
	62	0.00	-13.50	3.34	9.98	1.61	-0.18	1.43	-12.32	3.37	10.10	1.61	1.15	2.76
	64	0.00	-13.27	3.34	9.98	1.61	0.05	1.66	-12.89	3.37	10.10	1.61	0.58	2.19
6385	61	0.00	-13.25	3.39	9.99	1.61	0.13	1.74	-13.29	3.41	10.11	1.61	0.23	1.84
	62	0.00	-14.03	3.39	9.99	1.61	-0.65	0.96	-13.15	3.41	10.11	1.61	0.37	1.98
	64	0.00	-13.51	3.39	9.99	1.61	-0.13	1.48	-13.05	3.41	10.11	1.61	0.47	2.08
6465	61	0.00	-13.89	3.40	9.99	1.61	-0.50	1.11	-11.95	3.43	10.11	1.61	1.59	3.20
	62	0.00	-14.57	3.40	9.99	1.61	-1.18	0.43	-11.70	3.43	10.11	1.61	1.84	3.45
	64	0.00	-14.09	3.40	9.99	1.61	-0.70	0.91	-11.66	3.43	10.11	1.61	1.88	3.49

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 242-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	61	1.24	1.23	2.47	3.94	-	-	1.42	1.42	2.84	4.54	24.00	19.46
	62	1.31	1.42	2.73	4.36	-	-	1.51	1.63	3.14	4.96	24.00	19.04
	64	1.23	1.19	2.42	3.83	-	-	1.41	1.37	2.77	4.43	24.00	19.57
6625	61	1.19	1.20	2.39	3.78	-	-	1.36	1.37	2.74	4.38	24.00	19.62
	62	1.28	1.43	2.70	4.32	-	-	1.46	1.64	3.10	4.92	24.00	19.08
	64	1.22	1.30	2.52	4.02	-	-	1.41	1.49	2.90	4.62	24.00	19.38
6705	61	1.03	1.23	2.26	3.55	-	-	1.19	1.41	2.60	4.15	24.00	19.85
	62	1.22	1.27	2.49	3.96	-	-	1.40	1.46	2.86	4.56	24.00	19.44
	64	1.10	1.26	2.36	3.74	-	-	1.27	1.45	2.71	4.34	24.00	19.66
6865	61	0.85	1.10	1.95	2.91	-	-	0.98	1.26	2.24	3.51	24.00	20.49
	62	1.17	1.15	2.32	3.65	-	-	1.34	1.32	2.66	4.25	24.00	19.75
	64	0.91	1.08	1.99	2.98	-	-	1.04	1.24	2.28	3.58	24.00	20.42
6945	61	1.18	1.08	2.27	3.55	-	-	1.36	1.24	2.60	4.15	24.00	19.85
	62	1.28	1.16	2.44	3.87	-	-	1.47	1.33	2.80	4.47	24.00	19.53
	64	1.18	1.13	2.31	3.63	-	-	1.35	1.30	2.65	4.23	24.00	19.77
7025	61	1.18	1.01	2.19	3.41	-	-	1.36	1.16	2.52	4.01	24.00	19.99
	62	1.16	0.90	2.06	3.14	-	-	1.33	1.04	2.37	3.74	24.00	20.26
	64	1.21	1.11	2.32	3.65	-	-	1.39	1.27	2.66	4.25	24.00	19.75

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
							[dBm]	[dBm]	[dBm]				[dBm]	[dBm]
6545	61	0.00	-12.47	3.42	9.99	0.60	0.94	1.54	-12.64	3.44	10.11	0.60	0.91	1.51
	62	0.00	-12.22	3.42	9.99	0.60	1.19	1.79	-12.04	3.44	10.11	0.60	1.51	2.11
	64	0.00	-12.52	3.42	9.99	0.60	0.89	1.49	-12.80	3.44	10.11	0.60	0.75	1.35
6625	61	0.00	-12.69	3.45	9.99	0.60	0.75	1.35	-12.80	3.47	10.11	0.60	0.78	1.38
	62	0.00	-12.38	3.45	9.99	0.60	1.06	1.66	-12.04	3.47	10.11	0.60	1.54	2.14
	64	0.00	-12.56	3.45	9.99	0.60	0.88	1.48	-12.45	3.47	10.11	0.60	1.13	1.73
6705	61	0.00	-13.32	3.47	9.99	0.60	0.14	0.74	-12.70	3.49	10.12	0.60	0.91	1.51
	62	0.00	-12.59	3.47	9.99	0.60	0.87	1.47	-12.57	3.49	10.12	0.60	1.04	1.64
	64	0.00	-13.03	3.47	9.99	0.60	0.43	1.03	-12.60	3.49	10.12	0.60	1.01	1.61
6865	61	0.00	-14.19	3.51	9.99	0.60	-0.69	-0.09	-13.23	3.53	10.12	0.60	0.42	1.02
	62	0.00	-12.83	3.51	9.99	0.60	0.67	1.27	-13.04	3.53	10.12	0.60	0.61	1.21
	64	0.00	-13.92	3.51	9.99	0.60	-0.42	0.18	-13.32	3.53	10.12	0.60	0.33	0.93
6945	61	0.00	-12.79	3.53	9.99	0.60	0.73	1.33	-13.32	3.55	10.12	0.60	0.35	0.95
	62	0.00	-12.45	3.53	9.99	0.60	1.07	1.67	-13.03	3.55	10.12	0.60	0.64	1.24
	64	0.00	-12.81	3.53	9.99	0.60	0.71	1.31	-13.14	3.55	10.12	0.60	0.53	1.13
7025	61	0.00	-12.82	3.56	9.99	0.60	0.73	1.33	-13.65	3.58	10.12	0.60	0.05	0.65
	62	0.00	-12.91	3.56	9.99	0.60	0.64	1.24	-14.14	3.58	10.12	0.60	-0.44	0.16
	64	0.00	-12.72	3.56	9.99	0.60	0.83	1.43	-13.25	3.58	10.12	0.60	0.45	1.05

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

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 242-tone RU (CDD)

ANT0 + ANT1

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	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]				
[MHz]					[dBm]	[dBm]	[dB]				[dBm]	[dBm]	[dB]	
5985	61	0.52	0.58	1.10	0.43	-	-	0.76	0.84	1.60	2.04	24.00	21.96	
	62	0.48	0.54	1.02	0.07	-	-	0.70	0.78	1.47	1.68	24.00	22.32	
	64	0.48	0.50	0.98	-0.07	-	-	0.70	0.73	1.42	1.54	24.00	22.46	
6225	61	0.54	0.61	1.15	0.60	-	-	0.79	0.88	1.66	2.21	24.00	21.79	
	62	0.50	0.65	1.15	0.63	-	-	0.73	0.94	1.67	2.24	24.00	21.76	
	64	0.55	0.57	1.12	0.50	-	-	0.80	0.82	1.63	2.11	24.00	21.89	
6385	61	0.54	0.53	1.07	0.29	-	-	0.78	0.77	1.55	1.90	24.00	22.10	
	62	0.50	0.61	1.11	0.46	-	-	0.73	0.89	1.61	2.07	24.00	21.93	
	64	0.49	0.53	1.02	0.09	-	-	0.71	0.77	1.48	1.70	24.00	22.30	
6465	61	0.51	0.72	1.23	0.91	-	-	0.74	1.04	1.79	2.52	24.00	21.48	
	62	0.44	0.74	1.18	0.73	-	-	0.64	1.08	1.71	2.34	24.00	21.66	
	64	0.48	0.75	1.23	0.90	-	-	0.70	1.08	1.78	2.51	24.00	21.49	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0							ANT1						
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		e.i.r.p. [dBm]
							Cond. Power [dBm]							Cond. Power [dBm]		
5985	61	0.00	-16.05	3.27	9.98	1.61	-2.80	-1.19	-15.77	3.30	10.10	1.61	-2.37	-0.76		
	62	0.00	-16.43	3.27	9.98	1.61	-3.18	-1.57	-16.11	3.30	10.10	1.61	-2.71	-1.10		
	64	0.00	-16.44	3.27	9.98	1.61	-3.19	-1.58	-16.38	3.30	10.10	1.61	-2.98	-1.37		
6225	61	0.00	-15.98	3.34	9.98	1.61	-2.66	-1.05	-15.65	3.37	10.10	1.61	-2.18	-0.57		
	62	0.00	-16.31	3.34	9.98	1.61	-2.99	-1.38	-15.33	3.37	10.10	1.61	-1.86	-0.25		
	64	0.00	-15.90	3.34	9.98	1.61	-2.58	-0.97	-15.92	3.37	10.10	1.61	-2.45	-0.84		
6385	61	0.00	-16.09	3.39	9.99	1.61	-2.71	-1.10	-16.24	3.41	10.11	1.61	-2.72	-1.11		
	62	0.00	-16.38	3.39	9.99	1.61	-3.00	-1.39	-15.65	3.41	10.11	1.61	-2.13	-0.52		
	64	0.00	-16.50	3.39	9.99	1.61	-3.12	-1.51	-16.24	3.41	10.11	1.61	-2.72	-1.11		
6465	61	0.00	-16.29	3.40	9.99	1.61	-2.90	-1.29	-14.96	3.43	10.11	1.61	-1.42	0.19		
	62	0.00	-16.95	3.40	9.99	1.61	-3.56	-1.95	-14.83	3.43	10.11	1.61	-1.29	0.32		
	64	0.00	-16.55	3.40	9.99	1.61	-3.16	-1.55	-14.81	3.43	10.11	1.61	-1.27	0.34		

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 242-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	61	0.61	0.65	1.26	1.01	-	-	0.70	0.75	1.45	1.61	24.00	22.39
	62	0.74	0.69	1.43	1.55	-	-	0.85	0.79	1.64	2.15	24.00	21.85
	64	0.60	0.66	1.26	1.01	-	-	0.69	0.75	1.45	1.61	24.00	22.39
6625	61	0.59	0.62	1.21	0.81	-	-	0.68	0.71	1.38	1.41	24.00	22.59
	62	0.63	0.73	1.36	1.35	-	-	0.72	0.84	1.57	1.95	24.00	22.05
	64	0.59	0.59	1.18	0.73	-	-	0.68	0.68	1.36	1.33	24.00	22.67
6705	61	0.58	0.62	1.19	0.77	-	-	0.66	0.71	1.37	1.37	24.00	22.63
	62	0.61	0.60	1.21	0.83	-	-	0.70	0.69	1.39	1.43	24.00	22.57
	64	0.50	0.55	1.05	0.19	-	-	0.57	0.63	1.20	0.79	24.00	23.21
6865	61	0.51	0.57	1.08	0.35	-	-	0.58	0.66	1.24	0.95	24.00	23.05
	62	0.61	0.61	1.22	0.87	-	-	0.71	0.70	1.40	1.47	24.00	22.53
	64	0.48	0.56	1.03	0.13	-	-	0.55	0.64	1.18	0.73	24.00	23.27
6945	61	0.62	0.55	1.17	0.67	-	-	0.71	0.63	1.34	1.27	24.00	22.73
	62	0.66	0.59	1.25	0.97	-	-	0.76	0.68	1.44	1.57	24.00	22.43
	64	0.68	0.55	1.23	0.90	-	-	0.78	0.64	1.41	1.50	24.00	22.50
7025	61	0.63	0.51	1.14	0.56	-	-	0.72	0.59	1.31	1.16	24.00	22.84
	62	0.63	0.48	1.11	0.45	-	-	0.72	0.55	1.27	1.05	24.00	22.95
	64	0.66	0.49	1.15	0.61	-	-	0.76	0.56	1.32	1.21	24.00	22.79

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6545	61	0.00	-15.55	3.42	9.99	0.60	-2.14	-1.54	-15.41	3.44	10.11	0.60	-1.86	-1.26
	62	0.00	-14.73	3.42	9.99	0.60	-1.32	-0.72	-15.16	3.44	10.11	0.60	-1.61	-1.01
	64	0.00	-15.59	3.42	9.99	0.60	-2.18	-1.58	-15.38	3.44	10.11	0.60	-1.83	-1.23
6625	61	0.00	-15.73	3.45	9.99	0.60	-2.29	-1.69	-15.69	3.47	10.11	0.60	-2.11	-1.51
	62	0.00	-15.44	3.45	9.99	0.60	-2.00	-1.40	-14.93	3.47	10.11	0.60	-1.35	-0.75
	64	0.00	-15.70	3.45	9.99	0.60	-2.26	-1.66	-15.88	3.47	10.11	0.60	-2.30	-1.70
6705	61	0.00	-15.84	3.47	9.99	0.60	-2.38	-1.78	-15.71	3.49	10.12	0.60	-2.10	-1.50
	62	0.00	-15.62	3.47	9.99	0.60	-2.16	-1.56	-15.80	3.49	10.12	0.60	-2.19	-1.59
	64	0.00	-16.47	3.47	9.99	0.60	-3.01	-2.41	-16.24	3.49	10.12	0.60	-2.63	-2.03
6865	61	0.00	-16.43	3.51	9.99	0.60	-2.93	-2.33	-16.05	3.53	10.12	0.60	-2.40	-1.80
	62	0.00	-15.61	3.51	9.99	0.60	-2.11	-1.51	-15.81	3.53	10.12	0.60	-2.16	-1.56
	64	0.00	-16.73	3.51	9.99	0.60	-3.23	-2.63	-16.20	3.53	10.12	0.60	-2.55	-1.95
6945	61	0.00	-15.59	3.53	9.99	0.60	-2.07	-1.47	-16.29	3.55	10.12	0.60	-2.62	-2.02
	62	0.00	-15.31	3.53	9.99	0.60	-1.79	-1.19	-15.96	3.55	10.12	0.60	-2.29	-1.69
	64	0.00	-15.22	3.53	9.99	0.60	-1.70	-1.10	-16.23	3.55	10.12	0.60	-2.56	-1.96
7025	61	0.00	-15.58	3.56	9.99	0.60	-2.03	-1.43	-16.60	3.58	10.12	0.60	-2.90	-2.30
	62	0.00	-15.58	3.56	9.99	0.60	-2.03	-1.43	-16.86	3.58	10.12	0.60	-3.16	-2.56
	64	0.00	-15.34	3.56	9.99	0.60	-1.79	-1.19	-16.80	3.58	10.12	0.60	-3.10	-2.50

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 484-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]				
5985	65	1.27	1.62	2.89	4.62	-	-	1.85	2.35	4.19	6.23	24.00	17.77	
	66	1.43	1.82	3.25	5.12	-	-	2.07	2.64	4.71	6.73	24.00	17.27	
6225	65	1.36	1.85	3.20	5.06	-	-	1.96	2.68	4.64	6.67	24.00	17.33	
	66	1.46	2.01	3.47	5.40	-	-	2.11	2.92	5.02	7.01	24.00	16.99	
6385	65	1.27	1.69	2.96	4.71	-	-	1.83	2.45	4.28	6.32	24.00	17.68	
	66	1.35	1.71	3.07	4.87	-	-	1.96	2.48	4.44	6.48	24.00	17.52	
6465	65	1.10	1.93	3.03	4.82	-	-	1.60	2.80	4.40	6.43	24.00	17.57	
	66	1.23	2.12	3.35	5.25	-	-	1.78	3.07	4.85	6.86	24.00	17.14	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5985	65	0.00	-12.20	3.27	9.98	1.61	1.05	2.66	-11.30	3.30	10.10	1.61	2.10	3.71
	66	0.00	-11.71	3.27	9.98	1.61	1.54	3.15	-10.79	3.30	10.10	1.61	2.61	4.22
6225	65	0.00	-12.00	3.34	9.98	1.61	1.32	2.93	-10.80	3.37	10.10	1.61	2.67	4.28
	66	0.00	-11.69	3.34	9.98	1.61	1.63	3.24	-10.43	3.37	10.10	1.61	3.04	4.65
6385	65	0.00	-12.35	3.39	9.99	1.61	1.03	2.64	-11.24	3.41	10.11	1.61	2.28	3.89
	66	0.00	-12.06	3.39	9.99	1.61	1.32	2.93	-11.18	3.41	10.11	1.61	2.34	3.95
6465	65	0.00	-12.96	3.40	9.99	1.61	0.43	2.04	-10.68	3.43	10.11	1.61	2.86	4.47
	66	0.00	-12.49	3.40	9.99	1.61	0.90	2.51	-10.28	3.43	10.11	1.61	3.26	4.87

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

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 484-tone RU (SDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	65	1.87	1.96	3.84	5.84	-	-	2.15	2.26	4.41	6.44	24.00	17.56
	66	1.90	2.01	3.90	5.91	-	-	2.18	2.30	4.48	6.51	24.00	17.49
6625	65	1.78	2.05	3.82	5.83	-	-	2.04	2.35	4.39	6.43	24.00	17.57
	66	2.01	2.10	4.11	6.14	-	-	2.31	2.41	4.72	6.74	24.00	17.26
6705	65	1.72	1.65	3.37	5.28	-	-	1.98	1.89	3.88	5.88	24.00	18.12
	66	1.74	1.68	3.43	5.35	-	-	2.00	1.93	3.94	5.95	24.00	18.05
6865	65	1.65	1.71	3.36	5.27	-	-	1.90	1.96	3.86	5.87	24.00	18.13
	66	1.62	1.72	3.34	5.23	-	-	1.86	1.97	3.83	5.83	24.00	18.17
6945	65	1.64	1.51	3.16	4.99	-	-	1.89	1.74	3.62	5.59	24.00	18.41
	66	1.74	1.71	3.44	5.37	-	-	1.99	1.96	3.96	5.97	24.00	18.03
7025	65	1.70	1.52	3.22	5.08	-	-	1.95	1.74	3.70	5.68	24.00	18.32
	66	1.76	1.55	3.31	5.20	-	-	2.02	1.78	3.80	5.80	24.00	18.20

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
6545	65	0.00	-10.68	3.42	9.99	0.60	2.73	3.33	-10.62	3.44	10.11	0.60	2.93	3.53
	66	0.00	-10.63	3.42	9.99	0.60	2.78	3.38	-10.53	3.44	10.11	0.60	3.02	3.62
6625	65	0.00	-10.94	3.45	9.99	0.60	2.50	3.10	-10.47	3.47	10.11	0.60	3.11	3.71
	66	0.00	-10.40	3.45	9.99	0.60	3.04	3.64	-10.36	3.47	10.11	0.60	3.22	3.82
6705	65	0.00	-11.09	3.47	9.99	0.60	2.37	2.97	-11.43	3.49	10.12	0.60	2.18	2.78
	66	0.00	-11.04	3.47	9.99	0.60	2.42	3.02	-11.34	3.49	10.12	0.60	2.27	2.87
6865	65	0.00	-11.31	3.51	9.99	0.60	2.19	2.79	-11.32	3.53	10.12	0.60	2.33	2.93
	66	0.00	-11.40	3.51	9.99	0.60	2.10	2.70	-11.30	3.53	10.12	0.60	2.35	2.95
6945	65	0.00	-11.36	3.53	9.99	0.60	2.16	2.76	-11.87	3.55	10.12	0.60	1.80	2.40
	66	0.00	-11.12	3.53	9.99	0.60	2.40	3.00	-11.34	3.55	10.12	0.60	2.33	2.93
7025	65	0.00	-11.24	3.56	9.99	0.60	2.31	2.91	-11.88	3.58	10.12	0.60	1.82	2.42
	66	0.00	-11.09	3.56	9.99	0.60	2.46	3.06	-11.79	3.58	10.12	0.60	1.91	2.51

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

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 484-tone RU (CDD)

ANT0 + ANT1

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	
		ANT0	ANT1	Sum				ANT0	ANT1	Sum				
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	
5985	65	0.78	0.87	1.65	2.18	-	-	1.13	1.26	2.39	3.79	24.00	20.21	
	66	0.74	0.82	1.56	1.92	-	-	1.07	1.18	2.25	3.53	24.00	20.47	
6225	65	0.80	0.87	1.67	2.22	-	-	1.16	1.26	2.41	3.83	24.00	20.17	
	66	0.75	0.94	1.69	2.29	-	-	1.09	1.37	2.45	3.90	24.00	20.10	
6385	65	0.72	0.83	1.54	1.88	-	-	1.04	1.20	2.24	3.49	24.00	20.51	
	66	0.77	0.88	1.65	2.19	-	-	1.12	1.28	2.40	3.80	24.00	20.20	
6465	65	0.58	1.15	1.73	2.37	-	-	0.84	1.66	2.50	3.98	24.00	20.02	
	66	0.59	1.06	1.66	2.19	-	-	0.86	1.54	2.40	3.80	24.00	20.20	

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result	
							Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5985	65	0.00	-14.32	3.27	9.98	1.61	-1.07	0.54	-14.00	3.30	10.10	1.61	-0.60	1.01
	66	0.00	-14.56	3.27	9.98	1.61	-1.31	0.30	-14.28	3.30	10.10	1.61	-0.88	0.73
6225	65	0.00	-14.30	3.34	9.98	1.61	-0.98	0.63	-14.08	3.37	10.10	1.61	-0.61	1.00
	66	0.00	-14.57	3.34	9.98	1.61	-1.25	0.36	-13.72	3.37	10.10	1.61	-0.25	1.36
6385	65	0.00	-14.82	3.39	9.99	1.61	-1.44	0.17	-14.35	3.41	10.11	1.61	-0.83	0.78
	66	0.00	-14.49	3.39	9.99	1.61	-1.11	0.50	-14.07	3.41	10.11	1.61	-0.55	1.06
6465	65	0.00	-15.74	3.40	9.99	1.61	-2.35	-0.74	-12.95	3.43	10.11	1.61	0.59	2.20
	66	0.00	-15.65	3.40	9.99	1.61	-2.26	-0.65	-13.27	3.43	10.11	1.61	0.27	1.88

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 484-tone RU (CDD)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6545	65	1.05	1.01	2.07	3.16	-	-	1.21	1.16	2.37	3.76	24.00	20.24
	66	1.04	1.01	2.05	3.12	-	-	1.20	1.15	2.35	3.72	24.00	20.28
6625	65	0.91	1.06	1.97	2.93	-	-	1.04	1.22	2.26	3.53	24.00	20.47
	66	0.91	1.03	1.94	2.88	-	-	1.04	1.19	2.23	3.48	24.00	20.52
6705	65	1.02	0.88	1.90	2.80	-	-	1.17	1.01	2.19	3.40	24.00	20.60
	66	1.03	0.88	1.91	2.81	-	-	1.18	1.01	2.19	3.41	24.00	20.59
6865	65	0.84	0.90	1.74	2.40	-	-	0.97	1.03	1.99	3.00	24.00	21.00
	66	0.85	0.90	1.75	2.43	-	-	0.98	1.03	2.01	3.03	24.00	20.97
6945	65	0.98	0.78	1.77	2.47	-	-	1.13	0.90	2.03	3.07	24.00	20.93
	66	0.89	0.83	1.72	2.35	-	-	1.02	0.95	1.97	2.95	24.00	21.05
7025	65	0.85	0.73	1.58	1.97	-	-	0.97	0.83	1.81	2.57	24.00	21.43
	66	0.84	0.73	1.58	1.98	-	-	0.97	0.84	1.81	2.58	24.00	21.42

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			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]
6545	65	0.00	-13.18	3.42	9.99	0.60	0.23	0.83	-13.49	3.44	10.11	0.60	0.06	0.66
	66	0.00	-13.22	3.42	9.99	0.60	0.19	0.79	-13.53	3.44	10.11	0.60	0.02	0.62
6625	65	0.00	-13.87	3.45	9.99	0.60	-0.43	0.17	-13.33	3.47	10.11	0.60	0.25	0.85
	66	0.00	-13.85	3.45	9.99	0.60	-0.41	0.19	-13.44	3.47	10.11	0.60	0.14	0.74
6705	65	0.00	-13.36	3.47	9.99	0.60	0.10	0.70	-14.15	3.49	10.12	0.60	-0.54	0.06
	66	0.00	-13.33	3.47	9.99	0.60	0.13	0.73	-14.16	3.49	10.12	0.60	-0.55	0.05
6865	65	0.00	-14.25	3.51	9.99	0.60	-0.75	-0.15	-14.12	3.53	10.12	0.60	-0.47	0.13
	66	0.00	-14.19	3.51	9.99	0.60	-0.69	-0.09	-14.11	3.53	10.12	0.60	-0.46	0.14
6945	65	0.00	-13.59	3.53	9.99	0.60	-0.07	0.53	-14.73	3.55	10.12	0.60	-1.06	-0.46
	66	0.00	-14.03	3.53	9.99	0.60	-0.51	0.09	-14.47	3.55	10.12	0.60	-0.80	-0.20
7025	65	0.00	-14.26	3.56	9.99	0.60	-0.71	-0.11	-15.08	3.58	10.12	0.60	-1.38	-0.78
	66	0.00	-14.28	3.56	9.99	0.60	-0.73	-0.13	-15.05	3.58	10.12	0.60	-1.35	-0.75

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 October 9, 2023
Temperature / Humidity 24 deg. C / 41 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 996-tone RU (SDM)

ANT0 + ANT1 996-toneRU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	2.14	2.58	4.72	6.74	-	-	3.10	3.74	6.84	8.35	24.00	15.65
6225	2.42	2.92	5.33	7.27	-	-	3.50	4.22	7.72	8.88	24.00	15.12
6385	2.31	2.51	4.83	6.84	-	-	3.35	3.64	6.99	8.45	24.00	15.55
6465	2.44	2.76	5.20	7.16	-	-	3.54	4.00	7.53	8.77	24.00	15.23
6545	3.83	3.19	7.02	8.46	-	-	4.40	3.66	8.06	9.06	24.00	14.94
6625	3.51	3.12	6.63	8.22	-	-	4.03	3.58	7.62	8.82	24.00	15.18
6705	3.32	3.14	6.46	8.10	-	-	3.82	3.60	7.42	8.70	24.00	15.30
6865	3.26	3.11	6.37	8.04	-	-	3.75	3.57	7.32	8.64	24.00	15.36
6945	3.04	2.97	6.01	7.79	-	-	3.49	3.41	6.90	8.39	24.00	15.61
7025	3.53	3.09	6.62	8.21	-	-	4.05	3.54	7.60	8.81	24.00	15.19

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5985	0.00	-9.95	3.27	9.98	1.61	3.30	4.91	-9.28	3.30	10.10	1.61	4.12	5.73
6225	0.00	-9.49	3.34	9.98	1.61	3.83	5.44	-8.82	3.37	10.10	1.61	4.65	6.26
6385	0.00	-9.73	3.39	9.99	1.61	3.65	5.26	-9.52	3.41	10.11	1.61	4.00	5.61
6465	0.00	-9.51	3.40	9.99	1.61	3.88	5.49	-9.13	3.43	10.11	1.61	4.41	6.02
6545	0.00	-7.57	3.42	9.99	0.60	5.84	6.44	-8.52	3.44	10.11	0.60	5.03	5.63
6625	0.00	-7.98	3.45	9.99	0.60	5.46	6.06	-8.64	3.47	10.11	0.60	4.94	5.54
6705	0.00	-8.24	3.47	9.99	0.60	5.22	5.82	-8.64	3.49	10.12	0.60	4.97	5.57
6865	0.00	-8.36	3.51	9.99	0.60	5.14	5.74	-8.72	3.53	10.12	0.60	4.93	5.53
6945	0.00	-8.69	3.53	9.99	0.60	4.83	5.43	-8.94	3.55	10.12	0.60	4.73	5.33
7025	0.00	-8.07	3.56	9.99	0.60	5.48	6.08	-8.80	3.58	10.12	0.60	4.90	5.50

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

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 996-tone RU (CDD)

ANT0 + ANT1 996-toneRU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
	ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	1.21	1.39	2.60	4.15	-	-	1.75	2.02	3.77	5.76	24.00	18.24
6225	1.43	1.58	3.02	4.79	-	-	2.08	2.29	4.37	6.40	24.00	17.60
6385	1.54	1.78	3.32	5.21	-	-	2.23	2.58	4.81	6.82	24.00	17.18
6465	1.27	1.76	3.03	4.82	-	-	1.84	2.55	4.39	6.43	24.00	17.57
6545	1.91	1.65	3.56	5.51	-	-	2.19	1.89	4.08	6.11	24.00	17.89
6625	1.84	1.68	3.53	5.47	-	-	2.12	1.93	4.05	6.07	24.00	17.93
6705	1.80	1.80	3.60	5.57	-	-	2.07	2.07	4.14	6.17	24.00	17.83
6865	1.55	1.83	3.38	5.29	-	-	1.78	2.10	3.88	5.89	24.00	18.11
6945	1.66	1.54	3.21	5.06	-	-	1.91	1.77	3.68	5.66	24.00	18.34
7025	1.85	1.41	3.26	5.14	-	-	2.12	1.62	3.75	5.74	24.00	18.26

Tested Frequency [MHz]	Duty Factor [dB]	ANT0						ANT1					
		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result	
						Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5985	0.00	-12.43	3.27	9.98	1.61	0.82	2.43	-11.96	3.30	10.10	1.61	1.44	3.05
6225	0.00	-11.76	3.34	9.98	1.61	1.56	3.17	-11.47	3.37	10.10	1.61	2.00	3.61
6385	0.00	-11.50	3.39	9.99	1.61	1.88	3.49	-11.02	3.41	10.11	1.61	2.50	4.11
6465	0.00	-12.35	3.40	9.99	1.61	1.04	2.65	-11.08	3.43	10.11	1.61	2.46	4.07
6545	0.00	-10.60	3.42	9.99	0.60	2.81	3.41	-11.38	3.44	10.11	0.60	2.17	2.77
6625	0.00	-10.78	3.45	9.99	0.60	2.66	3.26	-11.32	3.47	10.11	0.60	2.26	2.86
6705	0.00	-10.90	3.47	9.99	0.60	2.56	3.16	-11.05	3.49	10.12	0.60	2.56	3.16
6865	0.00	-11.59	3.51	9.99	0.60	1.91	2.51	-11.02	3.53	10.12	0.60	2.63	3.23
6945	0.00	-11.31	3.53	9.99	0.60	2.21	2.81	-11.78	3.55	10.12	0.60	1.89	2.49
7025	0.00	-10.88	3.56	9.99	0.60	2.67	3.27	-12.19	3.58	10.12	0.60	1.51	2.11

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 22, 2024
Temperature / Humidity 23 deg. C / 33 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-80 (OFDMA) 26-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	0	0.09	0.09	0.18	-7.34	-	-	0.14	0.13	0.27	-5.73	24.00	29.73
	18	0.10	0.10	0.20	-6.94	-	-	0.14	0.15	0.29	-5.33	24.00	29.33
	36	0.09	0.09	0.17	-7.66	-	-	0.12	0.12	0.25	-6.05	24.00	30.05
6225	0	0.12	0.11	0.23	-6.47	-	-	0.17	0.16	0.33	-4.86	24.00	28.86
	18	0.11	0.13	0.24	-6.20	-	-	0.16	0.19	0.35	-4.59	24.00	28.59
	36	0.09	0.10	0.19	-7.18	-	-	0.13	0.15	0.28	-5.57	24.00	29.57
6385	0	0.09	0.12	0.21	-6.80	-	-	0.13	0.17	0.30	-5.19	24.00	29.19
	18	0.10	0.14	0.24	-6.26	-	-	0.14	0.20	0.34	-4.65	24.00	28.65
	36	0.08	0.09	0.17	-7.70	-	-	0.11	0.13	0.25	-6.09	24.00	30.09
6465	0	0.09	0.14	0.23	-6.36	-	-	0.13	0.21	0.34	-4.75	24.00	28.75
	18	0.08	0.14	0.22	-6.51	-	-	0.12	0.21	0.32	-4.90	24.00	28.90
	36	0.08	0.14	0.22	-6.64	-	-	0.11	0.20	0.31	-5.03	24.00	29.03

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
5985	0	0.00	-13.56	3.27	0.00	1.61	-10.29	-8.68	-13.71	3.30	0.00	1.61	-10.41	-8.80
	18	0.00	-13.29	3.27	0.00	1.61	-10.02	-8.41	-13.19	3.30	0.00	1.61	-9.89	-8.28
	36	0.00	-13.93	3.27	0.00	1.61	-10.66	-9.05	-13.98	3.30	0.00	1.61	-10.68	-9.07
6225	0	0.00	-12.73	3.34	0.00	1.61	-9.39	-7.78	-12.94	3.37	0.00	1.61	-9.57	-7.96
	18	0.00	-12.97	3.34	0.00	1.61	-9.63	-8.02	-12.19	3.37	0.00	1.61	-8.82	-7.21
	36	0.00	-13.74	3.34	0.00	1.61	-10.40	-8.79	-13.36	3.37	0.00	1.61	-9.99	-8.38
6385	0	0.00	-13.77	3.39	0.00	1.61	-10.38	-8.77	-12.71	3.41	0.00	1.61	-9.30	-7.69
	18	0.00	-13.56	3.39	0.00	1.61	-10.17	-8.56	-11.93	3.41	0.00	1.61	-8.52	-6.91
	36	0.00	-14.41	3.39	0.00	1.61	-11.02	-9.41	-13.84	3.41	0.00	1.61	-10.43	-8.82
6465	0	0.00	-14.00	3.40	0.00	1.61	-10.60	-8.99	-11.84	3.43	0.00	1.61	-8.41	-6.80
	18	0.00	-14.37	3.40	0.00	1.61	-10.97	-9.36	-11.86	3.43	0.00	1.61	-8.43	-6.82
	36	0.00	-14.48	3.40	0.00	1.61	-11.08	-9.47	-12.01	3.43	0.00	1.61	-8.58	-6.97

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

* The Duty Factor is 0 dB, 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 22, 2024
Temperature / Humidity 23 deg. C / 33 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-80 (OFDMA) 26-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6545	0	0.09	0.11	0.20	-6.94	-	-	0.11	0.12	0.23	-6.34	24.00	30.34
	18	0.12	0.12	0.24	-6.24	-	-	0.13	0.14	0.27	-5.64	24.00	29.64
	36	0.09	0.09	0.18	-7.40	-	-	0.10	0.11	0.21	-6.80	24.00	30.80
6625	0	0.10	0.11	0.21	-6.72	-	-	0.12	0.13	0.24	-6.12	24.00	30.12
	18	0.10	0.12	0.23	-6.42	-	-	0.12	0.14	0.26	-5.82	24.00	29.82
	36	0.09	0.09	0.17	-7.60	-	-	0.10	0.10	0.20	-7.00	24.00	31.00
6705	0	0.08	0.10	0.18	-7.45	-	-	0.10	0.11	0.21	-6.85	24.00	30.85
	18	0.10	0.10	0.20	-6.92	-	-	0.12	0.12	0.23	-6.32	24.00	30.32
	36	0.07	0.10	0.17	-7.72	-	-	0.08	0.11	0.19	-7.12	24.00	31.12
6865	0	0.06	0.09	0.15	-8.30	-	-	0.07	0.10	0.17	-7.70	24.00	31.70
	18	0.09	0.10	0.19	-7.22	-	-	0.11	0.11	0.22	-6.62	24.00	30.62
	36	0.07	0.09	0.15	-8.12	-	-	0.08	0.10	0.18	-7.52	24.00	31.52
6945	0	0.10	0.09	0.19	-7.29	-	-	0.11	0.10	0.21	-6.69	24.00	30.69
	18	0.10	0.08	0.18	-7.44	-	-	0.11	0.09	0.21	-6.84	24.00	30.84
	36	0.08	0.08	0.16	-8.00	-	-	0.09	0.09	0.18	-7.40	24.00	31.40
7025	0	0.09	0.08	0.17	-7.82	-	-	0.10	0.09	0.19	-7.22	24.00	31.22
	18	0.09	0.09	0.18	-7.53	-	-	0.10	0.10	0.20	-6.93	24.00	30.93
	36	0.08	0.07	0.15	-8.19	-	-	0.09	0.08	0.17	-7.59	24.00	31.59

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6545	0	0.00	-13.68	3.42	0.00	0.60	-10.26	-9.66	-13.11	3.44	0.00	0.60	-9.67	-9.07
	18	0.00	-12.77	3.42	0.00	0.60	-9.35	-8.75	-12.59	3.44	0.00	0.60	-9.15	-8.55
	36	0.00	-13.90	3.42	0.00	0.60	-10.48	-9.88	-13.79	3.44	0.00	0.60	-10.35	-9.75
6625	0	0.00	-13.44	3.45	0.00	0.60	-9.99	-9.39	-12.96	3.47	0.00	0.60	-9.49	-8.89
	18	0.00	-13.28	3.45	0.00	0.60	-9.83	-9.23	-12.54	3.47	0.00	0.60	-9.07	-8.47
	36	0.00	-14.04	3.45	0.00	0.60	-10.59	-9.99	-14.10	3.47	0.00	0.60	-10.63	-10.03
6705	0	0.00	-14.26	3.47	0.00	0.60	-10.79	-10.19	-13.65	3.49	0.00	0.60	-10.16	-9.56
	18	0.00	-13.44	3.47	0.00	0.60	-9.97	-9.37	-13.38	3.49	0.00	0.60	-9.89	-9.29
	36	0.00	-14.81	3.47	0.00	0.60	-11.34	-10.74	-13.68	3.49	0.00	0.60	-10.19	-9.59
6865	0	0.00	-15.54	3.51	0.00	0.60	-12.03	-11.43	-14.23	3.53	0.00	0.60	-10.70	-10.10
	18	0.00	-13.76	3.51	0.00	0.60	-10.25	-9.65	-13.75	3.53	0.00	0.60	-10.22	-9.62
	36	0.00	-15.31	3.51	0.00	0.60	-11.80	-11.20	-14.08	3.53	0.00	0.60	-10.55	-9.95
6945	0	0.00	-13.67	3.53	0.00	0.60	-10.14	-9.54	-14.02	3.55	0.00	0.60	-10.47	-9.87
	18	0.00	-13.60	3.53	0.00	0.60	-10.07	-9.47	-14.41	3.55	0.00	0.60	-10.86	-10.26
	36	0.00	-14.45	3.53	0.00	0.60	-10.92	-10.32	-14.66	3.55	0.00	0.60	-11.11	-10.51
7025	0	0.00	-14.26	3.56	0.00	0.60	-10.70	-10.10	-14.55	3.58	0.00	0.60	-10.97	-10.37
	18	0.00	-13.99	3.56	0.00	0.60	-10.43	-9.83	-14.24	3.58	0.00	0.60	-10.66	-10.06
	36	0.00	-14.44	3.56	0.00	0.60	-10.88	-10.28	-15.12	3.58	0.00	0.60	-11.54	-10.94

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 22, 2024
Temperature / Humidity 23 deg. C / 33 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-80 (OFDMA) 52-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	37	0.10	0.09	0.19	-7.20	-	-	0.14	0.13	0.28	-5.59	24.00	29.59
	44	0.10	0.10	0.20	-6.92	-	-	0.14	0.15	0.29	-5.31	24.00	29.31
	52	0.09	0.09	0.18	-7.50	-	-	0.13	0.13	0.26	-5.89	24.00	29.89
6225	37	0.12	0.11	0.23	-6.44	-	-	0.17	0.16	0.33	-4.83	24.00	28.83
	44	0.11	0.13	0.24	-6.22	-	-	0.16	0.19	0.35	-4.61	24.00	28.61
	52	0.10	0.10	0.21	-6.86	-	-	0.15	0.15	0.30	-5.25	24.00	29.25
6385	37	0.09	0.12	0.21	-6.68	-	-	0.13	0.18	0.31	-5.07	24.00	29.07
	44	0.10	0.13	0.23	-6.38	-	-	0.15	0.19	0.33	-4.77	24.00	28.77
	52	0.08	0.11	0.19	-7.30	-	-	0.11	0.16	0.27	-5.69	24.00	29.69
6465	37	0.09	0.14	0.23	-6.34	-	-	0.13	0.21	0.34	-4.73	24.00	28.73
	44	0.10	0.14	0.24	-6.25	-	-	0.14	0.20	0.34	-4.64	24.00	28.64
	52	0.08	0.14	0.22	-6.55	-	-	0.12	0.21	0.32	-4.94	24.00	28.94

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
5985	37	0.00	-13.36	3.27	0.00	1.61	-10.09	-8.48	-13.64	3.30	0.00	1.61	-10.34	-8.73
	44	0.00	-13.28	3.27	0.00	1.61	-10.01	-8.40	-13.16	3.30	0.00	1.61	-9.86	-8.25
	52	0.00	-13.80	3.27	0.00	1.61	-10.53	-8.92	-13.79	3.30	0.00	1.61	-10.49	-8.88
6225	37	0.00	-12.69	3.34	0.00	1.61	-9.35	-7.74	-12.93	3.37	0.00	1.61	-9.56	-7.95
	44	0.00	-12.91	3.34	0.00	1.61	-9.57	-7.96	-12.28	3.37	0.00	1.61	-8.91	-7.30
	52	0.00	-13.16	3.34	0.00	1.61	-9.82	-8.21	-13.29	3.37	0.00	1.61	-9.92	-8.31
6385	37	0.00	-13.76	3.39	0.00	1.61	-10.37	-8.76	-12.51	3.41	0.00	1.61	-9.10	-7.49
	44	0.00	-13.35	3.39	0.00	1.61	-9.96	-8.35	-12.30	3.41	0.00	1.61	-8.89	-7.28
	52	0.00	-14.44	3.39	0.00	1.61	-11.05	-9.44	-13.09	3.41	0.00	1.61	-9.68	-8.07
6465	37	0.00	-13.93	3.40	0.00	1.61	-10.53	-8.92	-11.86	3.43	0.00	1.61	-8.43	-6.82
	44	0.00	-13.49	3.40	0.00	1.61	-10.09	-8.48	-11.99	3.43	0.00	1.61	-8.56	-6.95
	52	0.00	-14.40	3.40	0.00	1.61	-11.00	-9.39	-11.91	3.43	0.00	1.61	-8.48	-6.87

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

* The Duty Factor is 0 dB, 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 22, 2024
Temperature / Humidity 23 deg. C / 33 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-80 (OFDMA) 52-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW]	ANT1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	ANT0 [mW]	ANT1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
6545	37	0.10	0.11	0.20	-6.93	-	-	0.11	0.12	0.23	-6.33	24.00	30.33
	44	0.11	0.11	0.22	-6.50	-	-	0.13	0.13	0.26	-5.90	24.00	29.90
	52	0.09	0.11	0.20	-7.05	-	-	0.10	0.12	0.23	-6.45	24.00	30.45
6625	37	0.09	0.09	0.18	-7.48	-	-	0.11	0.10	0.21	-6.88	24.00	30.88
	44	0.10	0.10	0.19	-7.10	-	-	0.11	0.11	0.22	-6.50	24.00	30.50
	52	0.09	0.09	0.18	-7.43	-	-	0.10	0.10	0.21	-6.83	24.00	30.83
6705	37	0.08	0.10	0.18	-7.41	-	-	0.10	0.11	0.21	-6.81	24.00	30.81
	44	0.09	0.10	0.19	-7.23	-	-	0.10	0.12	0.22	-6.63	24.00	30.63
	52	0.07	0.10	0.17	-7.68	-	-	0.09	0.11	0.20	-7.08	24.00	31.08
6865	37	0.07	0.09	0.16	-7.86	-	-	0.09	0.10	0.19	-7.26	24.00	31.26
	44	0.08	0.10	0.17	-7.62	-	-	0.09	0.11	0.20	-7.02	24.00	31.02
	52	0.07	0.08	0.15	-8.38	-	-	0.08	0.09	0.17	-7.78	24.00	31.78
6945	37	0.09	0.09	0.18	-7.48	-	-	0.10	0.10	0.21	-6.88	24.00	30.88
	44	0.10	0.08	0.18	-7.42	-	-	0.11	0.09	0.21	-6.82	24.00	30.82
	52	0.09	0.08	0.17	-7.67	-	-	0.10	0.10	0.20	-7.07	24.00	31.07
7025	37	0.08	0.08	0.17	-7.82	-	-	0.10	0.09	0.19	-7.22	24.00	31.22
	44	0.09	0.09	0.17	-7.60	-	-	0.10	0.10	0.20	-7.00	24.00	31.00
	52	0.09	0.07	0.16	-8.04	-	-	0.10	0.08	0.18	-7.44	24.00	31.44

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6545	37	0.00	-13.62	3.42	0.00	0.60	-10.20	-9.60	-13.14	3.44	0.00	0.60	-9.70	-9.10
	44	0.00	-12.93	3.42	0.00	0.60	-9.51	-8.91	-12.96	3.44	0.00	0.60	-9.52	-8.92
	52	0.00	-13.89	3.42	0.00	0.60	-10.47	-9.87	-13.12	3.44	0.00	0.60	-9.68	-9.08
6625	37	0.00	-13.77	3.45	0.00	0.60	-10.32	-9.72	-14.13	3.47	0.00	0.60	-10.66	-10.06
	44	0.00	-13.57	3.45	0.00	0.60	-10.12	-9.52	-13.58	3.47	0.00	0.60	-10.11	-9.51
	52	0.00	-13.91	3.45	0.00	0.60	-10.46	-9.86	-13.90	3.47	0.00	0.60	-10.43	-9.83
6705	37	0.00	-14.26	3.47	0.00	0.60	-10.79	-10.19	-13.57	3.49	0.00	0.60	-10.08	-9.48
	44	0.00	-14.15	3.47	0.00	0.60	-10.68	-10.08	-13.34	3.49	0.00	0.60	-9.85	-9.25
	52	0.00	-14.73	3.47	0.00	0.60	-11.26	-10.66	-13.67	3.49	0.00	0.60	-10.18	-9.58
6865	37	0.00	-14.77	3.51	0.00	0.60	-11.26	-10.66	-14.05	3.53	0.00	0.60	-10.52	-9.92
	44	0.00	-14.67	3.51	0.00	0.60	-11.16	-10.56	-13.68	3.53	0.00	0.60	-10.15	-9.55
	52	0.00	-15.26	3.51	0.00	0.60	-11.75	-11.15	-14.58	3.53	0.00	0.60	-11.05	-10.45
6945	37	0.00	-14.00	3.53	0.00	0.60	-10.47	-9.87	-14.06	3.55	0.00	0.60	-10.51	-9.91
	44	0.00	-13.58	3.53	0.00	0.60	-10.05	-9.45	-14.39	3.55	0.00	0.60	-10.84	-10.24
	52	0.00	-14.14	3.53	0.00	0.60	-10.61	-10.01	-14.31	3.55	0.00	0.60	-10.76	-10.16
7025	37	0.00	-14.33	3.56	0.00	0.60	-10.77	-10.17	-14.48	3.58	0.00	0.60	-10.90	-10.30
	44	0.00	-14.08	3.56	0.00	0.60	-10.52	-9.92	-14.28	3.58	0.00	0.60	-10.70	-10.10
	52	0.00	-14.22	3.56	0.00	0.60	-10.66	-10.06	-15.07	3.58	0.00	0.60	-11.49	-10.89

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 22, 2024
Temperature / Humidity 23 deg. C / 33 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-80 (OFDMA) 52-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	37	0.10	0.09	0.19	-7.21	-	-	0.14	0.13	0.28	-5.60	24.00	29.60
	44	0.10	0.11	0.21	-6.79	-	-	0.15	0.15	0.30	-5.18	24.00	29.18
	52	0.09	0.09	0.18	-7.43	-	-	0.13	0.13	0.26	-5.82	24.00	29.82
6225	37	0.11	0.11	0.22	-6.56	-	-	0.16	0.16	0.32	-4.95	24.00	28.95
	44	0.11	0.12	0.23	-6.33	-	-	0.16	0.18	0.34	-4.72	24.00	28.72
	52	0.10	0.10	0.21	-6.86	-	-	0.15	0.15	0.30	-5.25	24.00	29.25
6385	37	0.09	0.12	0.21	-6.69	-	-	0.13	0.18	0.31	-5.08	24.00	29.08
	44	0.10	0.13	0.23	-6.42	-	-	0.15	0.18	0.33	-4.81	24.00	28.81
	52	0.08	0.11	0.19	-7.32	-	-	0.12	0.15	0.27	-5.71	24.00	29.71
6465	37	0.09	0.14	0.23	-6.42	-	-	0.13	0.21	0.33	-4.81	24.00	28.81
	44	0.10	0.14	0.24	-6.23	-	-	0.14	0.21	0.35	-4.62	24.00	28.62
	52	0.10	0.14	0.24	-6.20	-	-	0.15	0.20	0.35	-4.59	24.00	28.59

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
5985	37	0.00	-13.38	3.27	0.00	1.61	-10.11	-8.50	-13.64	3.30	0.00	1.61	-10.34	-8.73
	44	0.00	-13.16	3.27	0.00	1.61	-9.89	-8.28	-13.01	3.30	0.00	1.61	-9.71	-8.10
	52	0.00	-13.72	3.27	0.00	1.61	-10.45	-8.84	-13.74	3.30	0.00	1.61	-10.44	-8.83
6225	37	0.00	-13.01	3.34	0.00	1.61	-9.67	-8.06	-12.85	3.37	0.00	1.61	-9.48	-7.87
	44	0.00	-12.95	3.34	0.00	1.61	-9.61	-8.00	-12.45	3.37	0.00	1.61	-9.08	-7.47
	52	0.00	-13.23	3.34	0.00	1.61	-9.89	-8.28	-13.23	3.37	0.00	1.61	-9.86	-8.25
6385	37	0.00	-13.75	3.39	0.00	1.61	-10.36	-8.75	-12.53	3.41	0.00	1.61	-9.12	-7.51
	44	0.00	-13.27	3.39	0.00	1.61	-9.88	-8.27	-12.43	3.41	0.00	1.61	-9.02	-7.41
	52	0.00	-14.39	3.39	0.00	1.61	-11.00	-9.39	-13.16	3.41	0.00	1.61	-9.75	-8.14
6465	37	0.00	-14.02	3.40	0.00	1.61	-10.62	-9.01	-11.92	3.43	0.00	1.61	-8.49	-6.88
	44	0.00	-13.55	3.40	0.00	1.61	-10.15	-8.54	-11.92	3.43	0.00	1.61	-8.49	-6.88
	52	0.00	-13.33	3.40	0.00	1.61	-9.93	-8.32	-12.02	3.43	0.00	1.61	-8.59	-6.98

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 22, 2024
Temperature / Humidity 23 deg. C / 33 % RH
Engineer Yusuke Tanikawara
Mode Tx 11ax-80 (OFDMA) 52-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		ANT0 [mW]	ANT1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	ANT0 [mW]	ANT1 [mW]	Sum [mW]	[dBm]	[dBm]	[dB]
6545	37	0.10	0.11	0.20	-6.91	-	-	0.11	0.12	0.23	-6.31	24.00	30.31
	44	0.11	0.11	0.23	-6.47	-	-	0.13	0.13	0.26	-5.87	24.00	29.87
	52	0.09	0.10	0.19	-7.12	-	-	0.10	0.12	0.22	-6.52	24.00	30.52
6625	37	0.10	0.11	0.21	-6.73	-	-	0.11	0.13	0.24	-6.13	24.00	30.13
	44	0.10	0.11	0.21	-6.74	-	-	0.12	0.13	0.24	-6.14	24.00	30.14
	52	0.09	0.10	0.19	-7.15	-	-	0.10	0.12	0.22	-6.55	24.00	30.55
6705	37	0.08	0.10	0.18	-7.51	-	-	0.09	0.11	0.20	-6.91	24.00	30.91
	44	0.09	0.10	0.19	-7.28	-	-	0.10	0.12	0.22	-6.68	24.00	30.68
	52	0.07	0.10	0.17	-7.69	-	-	0.08	0.11	0.20	-7.09	24.00	31.09
6865	37	0.07	0.09	0.16	-7.91	-	-	0.08	0.10	0.19	-7.31	24.00	31.31
	44	0.08	0.09	0.17	-7.61	-	-	0.09	0.11	0.20	-7.01	24.00	31.01
	52	0.07	0.09	0.16	-7.97	-	-	0.08	0.10	0.18	-7.37	24.00	31.37
6945	37	0.10	0.09	0.19	-7.28	-	-	0.11	0.10	0.21	-6.68	24.00	30.68
	44	0.11	0.09	0.20	-6.99	-	-	0.12	0.11	0.23	-6.39	24.00	30.39
	52	0.08	0.08	0.16	-7.90	-	-	0.10	0.09	0.19	-7.30	24.00	31.30
7025	37	0.11	0.08	0.19	-7.24	-	-	0.12	0.09	0.22	-6.64	24.00	30.64
	44	0.09	0.09	0.18	-7.52	-	-	0.10	0.10	0.20	-6.92	24.00	30.92
	52	0.08	0.07	0.15	-8.12	-	-	0.09	0.08	0.18	-7.52	24.00	31.52

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Directional Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6545	37	0.00	-13.60	3.42	0.00	0.60	-10.18	-9.58	-13.11	3.44	0.00	0.60	-9.67	-9.07
	44	0.00	-12.88	3.42	0.00	0.60	-9.46	-8.86	-12.94	3.44	0.00	0.60	-9.50	-8.90
	52	0.00	-13.90	3.42	0.00	0.60	-10.48	-9.88	-13.25	3.44	0.00	0.60	-9.81	-9.21
6625	37	0.00	-13.46	3.45	0.00	0.60	-10.01	-9.41	-12.95	3.47	0.00	0.60	-9.48	-8.88
	44	0.00	-13.40	3.45	0.00	0.60	-9.95	-9.35	-13.02	3.47	0.00	0.60	-9.55	-8.95
	52	0.00	-13.95	3.45	0.00	0.60	-10.50	-9.90	-13.32	3.47	0.00	0.60	-9.85	-9.25
6705	37	0.00	-14.32	3.47	0.00	0.60	-10.85	-10.25	-13.70	3.49	0.00	0.60	-10.21	-9.61
	44	0.00	-14.12	3.47	0.00	0.60	-10.65	-10.05	-13.44	3.49	0.00	0.60	-9.95	-9.35
	52	0.00	-14.80	3.47	0.00	0.60	-11.33	-10.73	-13.64	3.49	0.00	0.60	-10.15	-9.55
6865	37	0.00	-14.82	3.51	0.00	0.60	-11.31	-10.71	-14.09	3.53	0.00	0.60	-10.56	-9.96
	44	0.00	-14.53	3.51	0.00	0.60	-11.02	-10.42	-13.79	3.53	0.00	0.60	-10.26	-9.66
	52	0.00	-14.91	3.51	0.00	0.60	-11.40	-10.80	-14.12	3.53	0.00	0.60	-10.59	-9.99
6945	37	0.00	-13.57	3.53	0.00	0.60	-10.04	-9.44	-14.11	3.55	0.00	0.60	-10.56	-9.96
	44	0.00	-13.24	3.53	0.00	0.60	-9.71	-9.11	-13.86	3.55	0.00	0.60	-10.31	-9.71
	52	0.00	-14.33	3.53	0.00	0.60	-10.80	-10.20	-14.57	3.55	0.00	0.60	-11.02	-10.42
7025	37	0.00	-13.20	3.56	0.00	0.60	-9.64	-9.04	-14.53	3.58	0.00	0.60	-10.95	-10.35
	44	0.00	-13.99	3.56	0.00	0.60	-10.43	-9.83	-14.21	3.58	0.00	0.60	-10.63	-10.03
	52	0.00	-14.42	3.56	0.00	0.60	-10.86	-10.26	-15.00	3.58	0.00	0.60	-11.42	-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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 25, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-80 (OFDMA) 106-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	53	0.10	0.10	0.20	-6.94	-	-		0.15	0.14	0.29	-5.33	24.00	29.33
	56	0.11	0.10	0.20	-6.93	-	-		0.15	0.14	0.29	-5.32	24.00	29.32
	60	0.09	0.09	0.18	-7.41	-	-		0.14	0.13	0.26	-5.80	24.00	29.80
6225	53	0.11	0.12	0.23	-6.32	-	-		0.16	0.17	0.34	-4.71	24.00	28.71
	56	0.11	0.12	0.23	-6.37	-	-		0.16	0.17	0.33	-4.76	24.00	28.76
	60	0.10	0.11	0.21	-6.81	-	-		0.15	0.16	0.30	-5.20	24.00	29.20
6385	53	0.10	0.13	0.22	-6.52	-	-		0.14	0.18	0.32	-4.91	24.00	28.91
	56	0.11	0.11	0.22	-6.61	-	-		0.15	0.16	0.32	-5.00	24.00	29.00
	60	0.08	0.11	0.20	-7.01	-	-		0.12	0.17	0.29	-5.40	24.00	29.40
6465	53	0.10	0.10	0.21	-6.84	-	-		0.15	0.15	0.30	-5.23	24.00	29.23
	56	0.10	0.15	0.25	-6.09	-	-		0.14	0.22	0.36	-4.48	24.00	28.48
	60	0.08	0.14	0.22	-6.59	-	-		0.12	0.20	0.32	-4.98	24.00	28.98

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Cond. Power [dBm]	Result e.i.r.p. [dBm]
5985	53	0.00	-13.14	3.27	0.00	1.61	-9.87	-8.26	-13.33	3.30	0.00	1.61	-10.03	-8.42
	56	0.00	-13.05	3.27	0.00	1.61	-9.78	-8.17	-13.41	3.30	0.00	1.61	-10.11	-8.50
	60	0.00	-13.51	3.27	0.00	1.61	-10.24	-8.63	-13.91	3.30	0.00	1.61	-10.61	-9.00
6225	53	0.00	-12.80	3.34	0.00	1.61	-9.46	-7.85	-12.58	3.37	0.00	1.61	-9.21	-7.60
	56	0.00	-12.85	3.34	0.00	1.61	-9.51	-7.90	-12.63	3.37	0.00	1.61	-9.26	-7.65
	60	0.00	-13.33	3.34	0.00	1.61	-9.99	-8.38	-13.02	3.37	0.00	1.61	-9.65	-8.04
6385	53	0.00	-13.56	3.39	0.00	1.61	-10.17	-8.56	-12.39	3.41	0.00	1.61	-8.98	-7.37
	56	0.00	-13.14	3.39	0.00	1.61	-9.75	-8.14	-12.90	3.41	0.00	1.61	-9.49	-7.88
	60	0.00	-14.14	3.39	0.00	1.61	-10.75	-9.14	-12.81	3.41	0.00	1.61	-9.40	-7.79
6465	53	0.00	-13.31	3.40	0.00	1.61	-9.91	-8.30	-13.23	3.43	0.00	1.61	-9.80	-8.19
	56	0.00	-13.57	3.40	0.00	1.61	-10.17	-8.56	-11.67	3.43	0.00	1.61	-8.24	-6.63
	60	0.00	-14.32	3.40	0.00	1.61	-10.92	-9.31	-12.02	3.43	0.00	1.61	-8.59	-6.98

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

* The Duty Factor is 0 dB, 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 25, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-80 (OFDMA) 106-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	53	0.10	0.10	0.20	-6.97	-	-	0.12	0.11	0.23	-6.37	24.00	30.37
	56	0.11	0.12	0.22	-6.50	-	-	0.12	0.13	0.26	-5.90	24.00	29.90
	60	0.09	0.10	0.19	-7.12	-	-	0.11	0.11	0.22	-6.52	24.00	30.52
6625	53	0.10	0.09	0.19	-7.26	-	-	0.11	0.11	0.22	-6.66	24.00	30.66
	56	0.10	0.12	0.22	-6.57	-	-	0.12	0.14	0.25	-5.97	24.00	29.97
	60	0.10	0.10	0.20	-6.97	-	-	0.11	0.12	0.23	-6.37	24.00	30.37
6705	53	0.08	0.11	0.19	-7.27	-	-	0.09	0.12	0.22	-6.67	24.00	30.67
	56	0.08	0.11	0.19	-7.21	-	-	0.10	0.12	0.22	-6.61	24.00	30.61
	60	0.08	0.09	0.17	-7.59	-	-	0.09	0.11	0.20	-6.99	24.00	30.99
6865	53	0.07	0.10	0.17	-7.82	-	-	0.08	0.11	0.19	-7.22	24.00	31.22
	56	0.08	0.09	0.17	-7.65	-	-	0.09	0.11	0.20	-7.05	24.00	31.05
	60	0.07	0.08	0.16	-8.08	-	-	0.08	0.10	0.18	-7.48	24.00	31.48
6945	53	0.10	0.09	0.18	-7.36	-	-	0.11	0.10	0.21	-6.76	24.00	30.76
	56	0.10	0.09	0.19	-7.12	-	-	0.12	0.10	0.22	-6.52	24.00	30.52
	60	0.08	0.09	0.17	-7.68	-	-	0.10	0.10	0.20	-7.08	24.00	31.08
7025	53	0.09	0.09	0.18	-7.63	-	-	0.10	0.10	0.20	-7.03	24.00	31.03
	56	0.09	0.09	0.18	-7.48	-	-	0.11	0.10	0.20	-6.88	24.00	30.88
	60	0.10	0.07	0.17	-7.75	-	-	0.11	0.08	0.19	-7.15	24.00	31.15

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.	[dBm]	[dB]	[dB]	[dBi]	Cond. Power	e.i.r.p.
							[dBm]	[dBm]	[dBm]				[dBm]	[dBm]
6545	53	0.00	-13.37	3.42	0.00	0.60	-9.95	-9.35	-13.46	3.44	0.00	0.60	-10.02	-9.42
	56	0.00	-13.13	3.42	0.00	0.60	-9.71	-9.11	-12.76	3.44	0.00	0.60	-9.32	-8.72
	60	0.00	-13.67	3.42	0.00	0.60	-10.25	-9.65	-13.46	3.44	0.00	0.60	-10.02	-9.42
6625	53	0.00	-13.64	3.45	0.00	0.60	-10.19	-9.59	-13.83	3.47	0.00	0.60	-10.36	-9.76
	56	0.00	-13.40	3.45	0.00	0.60	-9.95	-9.35	-12.71	3.47	0.00	0.60	-9.24	-8.64
	60	0.00	-13.45	3.45	0.00	0.60	-10.00	-9.40	-13.44	3.47	0.00	0.60	-9.97	-9.37
6705	53	0.00	-14.40	3.47	0.00	0.60	-10.93	-10.33	-13.21	3.49	0.00	0.60	-9.72	-9.12
	56	0.00	-14.20	3.47	0.00	0.60	-10.73	-10.13	-13.25	3.49	0.00	0.60	-9.76	-9.16
	60	0.00	-14.36	3.47	0.00	0.60	-10.89	-10.29	-13.81	3.49	0.00	0.60	-10.32	-9.72
6865	53	0.00	-15.11	3.51	0.00	0.60	-11.60	-11.00	-13.71	3.53	0.00	0.60	-10.18	-9.58
	56	0.00	-14.57	3.51	0.00	0.60	-11.06	-10.46	-13.82	3.53	0.00	0.60	-10.29	-9.69
	60	0.00	-14.97	3.51	0.00	0.60	-11.46	-10.86	-14.28	3.53	0.00	0.60	-10.75	-10.15
6945	53	0.00	-13.65	3.53	0.00	0.60	-10.12	-9.52	-14.19	3.55	0.00	0.60	-10.64	-10.04
	56	0.00	-13.33	3.53	0.00	0.60	-9.80	-9.20	-14.04	3.55	0.00	0.60	-10.49	-9.89
	60	0.00	-14.24	3.53	0.00	0.60	-10.71	-10.11	-14.22	3.55	0.00	0.60	-10.67	-10.07
7025	53	0.00	-14.24	3.56	0.00	0.60	-10.68	-10.08	-14.18	3.58	0.00	0.60	-10.60	-10.00
	56	0.00	-13.94	3.56	0.00	0.60	-10.38	-9.78	-14.19	3.58	0.00	0.60	-10.61	-10.01
	60	0.00	-13.78	3.56	0.00	0.60	-10.22	-9.62	-14.96	3.58	0.00	0.60	-11.38	-10.78

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 + Antenna Gain

* The Duty Factor is 0 dB, 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 25, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-80 (OFDMA) 106-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	53	0.10	0.10	0.20	-7.01	-	-		0.15	0.14	0.29	-5.40	24.00	29.40
	56	0.10	0.09	0.20	-7.04	-	-		0.15	0.14	0.29	-5.43	24.00	29.43
	60	0.09	0.09	0.19	-7.23	-	-		0.14	0.14	0.27	-5.62	24.00	29.62
6225	53	0.11	0.12	0.23	-6.35	-	-		0.16	0.17	0.34	-4.74	24.00	28.74
	56	0.13	0.13	0.26	-5.78	-	-		0.19	0.19	0.38	-4.17	24.00	28.17
	60	0.11	0.11	0.22	-6.57	-	-		0.16	0.16	0.32	-4.96	24.00	28.96
6385	53	0.10	0.13	0.23	-6.47	-	-		0.14	0.18	0.33	-4.86	24.00	28.86
	56	0.11	0.13	0.24	-6.22	-	-		0.15	0.19	0.35	-4.61	24.00	28.61
	60	0.08	0.10	0.19	-7.29	-	-		0.12	0.15	0.27	-5.68	24.00	29.68
6465	53	0.09	0.15	0.24	-6.28	-	-		0.13	0.21	0.34	-4.67	24.00	28.67
	56	0.10	0.14	0.24	-6.24	-	-		0.14	0.20	0.34	-4.63	24.00	28.63
	60	0.08	0.15	0.23	-6.39	-	-		0.12	0.22	0.33	-4.78	24.00	28.78

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result	
							Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5985	53	0.00	-13.14	3.27	0.00	1.61	-9.87	-8.26	-13.48	3.30	0.00	1.61	-10.18	-8.57
	56	0.00	-13.11	3.27	0.00	1.61	-9.84	-8.23	-13.57	3.30	0.00	1.61	-10.27	-8.66
	60	0.00	-13.51	3.27	0.00	1.61	-10.24	-8.63	-13.54	3.30	0.00	1.61	-10.24	-8.63
6225	53	0.00	-12.80	3.34	0.00	1.61	-9.46	-7.85	-12.63	3.37	0.00	1.61	-9.26	-7.65
	56	0.00	-12.13	3.34	0.00	1.61	-8.79	-7.18	-12.17	3.37	0.00	1.61	-8.80	-7.19
	60	0.00	-12.84	3.34	0.00	1.61	-9.50	-7.89	-13.03	3.37	0.00	1.61	-9.66	-8.05
6385	53	0.00	-13.46	3.39	0.00	1.61	-10.07	-8.46	-12.38	3.41	0.00	1.61	-8.97	-7.36
	56	0.00	-13.14	3.39	0.00	1.61	-9.75	-8.14	-12.18	3.41	0.00	1.61	-8.77	-7.16
	60	0.00	-14.26	3.39	0.00	1.61	-10.87	-9.26	-13.20	3.41	0.00	1.61	-9.79	-8.18
6465	53	0.00	-13.86	3.40	0.00	1.61	-10.46	-8.85	-11.80	3.43	0.00	1.61	-8.37	-6.76
	56	0.00	-13.44	3.40	0.00	1.61	-10.04	-8.43	-12.01	3.43	0.00	1.61	-8.58	-6.97
	60	0.00	-14.36	3.40	0.00	1.61	-10.96	-9.35	-11.68	3.43	0.00	1.61	-8.25	-6.64

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 25, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-80 (OFDMA) 106-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
6545	53	0.10	0.11	0.22	-6.62	-	-	0.12	0.13	0.25	-6.02	24.00	30.02
	56	0.11	0.12	0.23	-6.38	-	-	0.13	0.13	0.26	-5.78	24.00	29.78
	60	0.10	0.11	0.21	-6.81	-	-	0.11	0.13	0.24	-6.21	24.00	30.21
6625	53	0.10	0.10	0.20	-6.94	-	-	0.11	0.12	0.23	-6.34	24.00	30.34
	56	0.10	0.10	0.20	-7.04	-	-	0.11	0.11	0.23	-6.44	24.00	30.44
	60	0.10	0.09	0.19	-7.18	-	-	0.11	0.11	0.22	-6.58	24.00	30.58
6705	53	0.08	0.10	0.18	-7.40	-	-	0.09	0.12	0.21	-6.80	24.00	30.80
	56	0.09	0.11	0.20	-7.01	-	-	0.10	0.12	0.23	-6.41	24.00	30.41
	60	0.08	0.10	0.18	-7.44	-	-	0.09	0.12	0.21	-6.84	24.00	30.84
6865	53	0.07	0.09	0.16	-7.90	-	-	0.08	0.11	0.19	-7.30	24.00	31.30
	56	0.08	0.09	0.17	-7.76	-	-	0.09	0.10	0.19	-7.16	24.00	31.16
	60	0.07	0.09	0.16	-7.90	-	-	0.08	0.11	0.19	-7.30	24.00	31.30
6945	53	0.09	0.09	0.18	-7.43	-	-	0.10	0.10	0.21	-6.83	24.00	30.83
	56	0.11	0.09	0.20	-6.95	-	-	0.12	0.11	0.23	-6.35	24.00	30.35
	60	0.08	0.08	0.17	-7.80	-	-	0.10	0.09	0.19	-7.20	24.00	31.20
7025	53	0.08	0.08	0.16	-7.81	-	-	0.10	0.09	0.19	-7.21	24.00	31.21
	56	0.10	0.09	0.19	-7.26	-	-	0.12	0.10	0.22	-6.66	24.00	30.66
	60	0.08	0.07	0.16	-8.09	-	-	0.10	0.08	0.18	-7.49	24.00	31.49

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result	
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
6545	53	0.00	-13.28	3.42	0.00	0.60	-9.86	-9.26	-12.85	3.44	0.00	0.60	-9.41	-8.81
	56	0.00	-12.82	3.42	0.00	0.60	-9.40	-8.80	-12.83	3.44	0.00	0.60	-9.39	-8.79
	60	0.00	-13.61	3.42	0.00	0.60	-10.19	-9.59	-12.92	3.44	0.00	0.60	-9.48	-8.88
6625	53	0.00	-13.53	3.45	0.00	0.60	-10.08	-9.48	-13.30	3.47	0.00	0.60	-9.83	-9.23
	56	0.00	-13.55	3.45	0.00	0.60	-10.10	-9.50	-13.47	3.47	0.00	0.60	-10.00	-9.40
	60	0.00	-13.60	3.45	0.00	0.60	-10.15	-9.55	-13.70	3.47	0.00	0.60	-10.23	-9.63
6705	53	0.00	-14.49	3.47	0.00	0.60	-11.02	-10.42	-13.36	3.49	0.00	0.60	-9.87	-9.27
	56	0.00	-13.87	3.47	0.00	0.60	-10.40	-9.80	-13.17	3.49	0.00	0.60	-9.68	-9.08
	60	0.00	-14.51	3.47	0.00	0.60	-11.04	-10.44	-13.42	3.49	0.00	0.60	-9.93	-9.33
6865	53	0.00	-15.21	3.51	0.00	0.60	-11.70	-11.10	-13.78	3.53	0.00	0.60	-10.25	-9.65
	56	0.00	-14.63	3.51	0.00	0.60	-11.12	-10.52	-13.98	3.53	0.00	0.60	-10.45	-9.85
	60	0.00	-15.14	3.51	0.00	0.60	-11.63	-11.03	-13.82	3.53	0.00	0.60	-10.29	-9.69
6945	53	0.00	-13.92	3.53	0.00	0.60	-10.39	-9.79	-14.04	3.55	0.00	0.60	-10.49	-9.89
	56	0.00	-13.24	3.53	0.00	0.60	-9.71	-9.11	-13.78	3.55	0.00	0.60	-10.23	-9.63
	60	0.00	-14.27	3.53	0.00	0.60	-10.74	-10.14	-14.44	3.55	0.00	0.60	-10.89	-10.29
7025	53	0.00	-14.31	3.56	0.00	0.60	-10.75	-10.15	-14.48	3.58	0.00	0.60	-10.90	-10.30
	56	0.00	-13.45	3.56	0.00	0.60	-9.89	-9.29	-14.26	3.58	0.00	0.60	-10.68	-10.08
	60	0.00	-14.32	3.56	0.00	0.60	-10.76	-10.16	-15.05	3.58	0.00	0.60	-11.47	-10.87

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 25, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-80 (OFDMA) 242-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	61	0.11	0.11	0.22	-6.58	-	-		0.17	0.15	0.32	-4.97	24.00	28.97
	62	0.11	0.11	0.22	-6.59	-	-		0.16	0.16	0.32	-4.98	24.00	28.98
	64	0.10	0.10	0.20	-6.91	-	-		0.15	0.15	0.29	-5.30	24.00	29.30
6225	61	0.12	0.12	0.24	-6.17	-	-		0.17	0.18	0.35	-4.56	24.00	28.56
	62	0.11	0.13	0.25	-6.10	-	-		0.17	0.19	0.36	-4.49	24.00	28.49
	64	0.12	0.11	0.23	-6.38	-	-		0.17	0.16	0.33	-4.77	24.00	28.77
6385	61	0.10	0.13	0.23	-6.31	-	-		0.15	0.19	0.34	-4.70	24.00	28.70
	62	0.10	0.14	0.24	-6.15	-	-		0.15	0.21	0.35	-4.54	24.00	28.54
	64	0.09	0.13	0.22	-6.59	-	-		0.14	0.18	0.32	-4.98	24.00	28.98
6465	61	0.10	0.16	0.26	-5.79	-	-		0.14	0.24	0.38	-4.18	24.00	28.18
	62	0.08	0.15	0.24	-6.24	-	-		0.12	0.22	0.34	-4.63	24.00	28.63
	64	0.09	0.17	0.25	-5.94	-	-		0.13	0.24	0.37	-4.33	24.00	28.33

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result [dBm]	e.i.r.p. [dBm]
5985	61	0.00	-12.68	3.27	0.00	1.61	-9.41	-7.80	-13.07	3.30	0.00	1.61	-9.77	-8.16
	62	0.00	-12.92	3.27	0.00	1.61	-9.65	-8.04	-12.85	3.30	0.00	1.61	-9.55	-7.94
	64	0.00	-13.20	3.27	0.00	1.61	-9.93	-8.32	-13.22	3.30	0.00	1.61	-9.92	-8.31
6225	61	0.00	-12.67	3.34	0.00	1.61	-9.33	-7.72	-12.41	3.37	0.00	1.61	-9.04	-7.43
	62	0.00	-12.76	3.34	0.00	1.61	-9.42	-7.81	-12.19	3.37	0.00	1.61	-8.82	-7.21
	64	0.00	-12.60	3.34	0.00	1.61	-9.26	-7.65	-12.89	3.37	0.00	1.61	-9.52	-7.91
6385	61	0.00	-13.24	3.39	0.00	1.61	-9.85	-8.24	-12.26	3.41	0.00	1.61	-8.85	-7.24
	62	0.00	-13.35	3.39	0.00	1.61	-9.96	-8.35	-11.90	3.41	0.00	1.61	-8.49	-6.88
	64	0.00	-13.67	3.39	0.00	1.61	-10.28	-8.67	-12.42	3.41	0.00	1.61	-9.01	-7.40
6465	61	0.00	-13.42	3.40	0.00	1.61	-10.02	-8.41	-11.28	3.43	0.00	1.61	-7.85	-6.24
	62	0.00	-14.11	3.40	0.00	1.61	-10.71	-9.10	-11.59	3.43	0.00	1.61	-8.16	-6.55
	64	0.00	-13.92	3.40	0.00	1.61	-10.52	-8.91	-11.23	3.43	0.00	1.61	-7.80	-6.19

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

* The Duty Factor is 0 dB, 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 25, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-80 (OFDMA) 242-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	61	0.11	0.12	0.23	-6.42	-	-	0.12	0.14	0.26	-5.82	24.00	29.82
	62	0.12	0.12	0.25	-6.07	-	-	0.14	0.14	0.28	-5.47	24.00	29.47
	64	0.10	0.12	0.22	-6.57	-	-	0.12	0.14	0.25	-5.97	24.00	29.97
6625	61	0.10	0.11	0.21	-6.80	-	-	0.12	0.12	0.24	-6.20	24.00	30.20
	62	0.12	0.11	0.22	-6.53	-	-	0.13	0.12	0.26	-5.93	24.00	29.93
	64	0.10	0.11	0.20	-6.96	-	-	0.11	0.12	0.23	-6.36	24.00	30.36
6705	61	0.09	0.10	0.19	-7.15	-	-	0.10	0.12	0.22	-6.55	24.00	30.55
	62	0.11	0.10	0.21	-6.76	-	-	0.13	0.11	0.24	-6.16	24.00	30.16
	64	0.09	0.11	0.19	-7.17	-	-	0.10	0.12	0.22	-6.57	24.00	30.57
6865	61	0.07	0.10	0.17	-7.67	-	-	0.08	0.11	0.20	-7.07	24.00	31.07
	62	0.10	0.10	0.20	-7.07	-	-	0.12	0.11	0.23	-6.47	24.00	30.47
	64	0.08	0.09	0.17	-7.79	-	-	0.09	0.10	0.19	-7.19	24.00	31.19
6945	61	0.10	0.10	0.20	-6.93	-	-	0.12	0.11	0.23	-6.33	24.00	30.33
	62	0.09	0.09	0.18	-7.44	-	-	0.11	0.10	0.21	-6.84	24.00	30.84
	64	0.09	0.09	0.18	-7.35	-	-	0.11	0.10	0.21	-6.75	24.00	30.75
7025	61	0.09	0.09	0.18	-7.51	-	-	0.10	0.10	0.20	-6.91	24.00	30.91
	62	0.09	0.08	0.17	-7.66	-	-	0.11	0.09	0.20	-7.06	24.00	31.06
	64	0.09	0.08	0.17	-7.60	-	-	0.11	0.09	0.20	-7.00	24.00	31.00

ANT0									ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
6545	61	0.00	-13.17	3.42	0.00	0.60	-9.75	-9.15	-12.58	3.44	0.00	0.60	-9.14	-8.54
	62	0.00	-12.54	3.42	0.00	0.60	-9.12	-8.52	-12.49	3.44	0.00	0.60	-9.05	-8.45
	64	0.00	-13.40	3.42	0.00	0.60	-9.98	-9.38	-12.66	3.44	0.00	0.60	-9.22	-8.62
6625	61	0.00	-13.43	3.45	0.00	0.60	-9.98	-9.38	-13.11	3.47	0.00	0.60	-9.64	-9.04
	62	0.00	-12.76	3.45	0.00	0.60	-9.31	-8.71	-13.25	3.47	0.00	0.60	-9.78	-9.18
	64	0.00	-13.66	3.45	0.00	0.60	-10.21	-9.61	-13.21	3.47	0.00	0.60	-9.74	-9.14
6705	61	0.00	-13.94	3.47	0.00	0.60	-10.47	-9.87	-13.36	3.49	0.00	0.60	-9.87	-9.27
	62	0.00	-12.99	3.47	0.00	0.60	-9.52	-8.92	-13.52	3.49	0.00	0.60	-10.03	-9.43
	64	0.00	-14.16	3.47	0.00	0.60	-10.69	-10.09	-13.21	3.49	0.00	0.60	-9.72	-9.12
6865	61	0.00	-14.93	3.51	0.00	0.60	-11.42	-10.82	-13.58	3.53	0.00	0.60	-10.05	-9.45
	62	0.00	-13.47	3.51	0.00	0.60	-9.96	-9.36	-13.74	3.53	0.00	0.60	-10.21	-9.61
	64	0.00	-14.75	3.51	0.00	0.60	-11.24	-10.64	-13.94	3.53	0.00	0.60	-10.41	-9.81
6945	61	0.00	-13.42	3.53	0.00	0.60	-9.89	-9.29	-13.55	3.55	0.00	0.60	-10.00	-9.40
	62	0.00	-13.82	3.53	0.00	0.60	-10.29	-9.69	-14.16	3.55	0.00	0.60	-10.61	-10.01
	64	0.00	-13.82	3.53	0.00	0.60	-10.29	-9.69	-13.98	3.55	0.00	0.60	-10.43	-9.83
7025	61	0.00	-14.08	3.56	0.00	0.60	-10.52	-9.92	-14.11	3.58	0.00	0.60	-10.53	-9.93
	62	0.00	-13.84	3.56	0.00	0.60	-10.28	-9.68	-14.69	3.58	0.00	0.60	-11.11	-10.51
	64	0.00	-13.80	3.56	0.00	0.60	-10.24	-9.64	-14.60	3.58	0.00	0.60	-11.02	-10.42

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

* The Duty Factor is 0 dB, 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 25, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-80 (OFDMA) 242-tone RU (CDD) pre-correction

ANT0 + ANT1

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		
		ANT0	ANT1	Sum				ANT0	ANT1	Sum					
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]		
5985	61	0.11	0.10	0.21	-6.73	-	-	0.16	0.14	0.31	-5.12	24.00	29.12		
	62	0.11	0.12	0.23	-6.32	-	-	0.17	0.17	0.34	-4.71	24.00	28.71		
	64	0.10	0.10	0.21	-6.87	-	-	0.15	0.15	0.30	-5.26	24.00	29.26		
6225	61	0.12	0.12	0.24	-6.26	-	-	0.17	0.17	0.34	-4.65	24.00	28.65		
	62	0.11	0.13	0.24	-6.11	-	-	0.17	0.19	0.35	-4.50	24.00	28.50		
	64	0.11	0.11	0.22	-6.58	-	-	0.15	0.16	0.32	-4.97	24.00	28.97		
6385	61	0.10	0.13	0.24	-6.29	-	-	0.15	0.19	0.34	-4.68	24.00	28.68		
	62	0.10	0.14	0.24	-6.17	-	-	0.15	0.20	0.35	-4.56	24.00	28.56		
	64	0.09	0.12	0.22	-6.64	-	-	0.14	0.18	0.31	-5.03	24.00	29.03		
6465	61	0.10	0.15	0.25	-6.10	-	-	0.14	0.21	0.36	-4.49	24.00	28.49		
	62	0.09	0.15	0.24	-6.22	-	-	0.12	0.22	0.35	-4.61	24.00	28.61		
	64	0.09	0.16	0.25	-5.97	-	-	0.13	0.24	0.37	-4.36	24.00	28.36		

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result	
							Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5985	61	0.00	-12.75	3.27	0.00	1.61	-9.48	-7.87	-13.31	3.30	0.00	1.61	-10.01	-8.40
	62	0.00	-12.69	3.27	0.00	1.61	-9.42	-7.81	-12.54	3.30	0.00	1.61	-9.24	-7.63
	64	0.00	-13.25	3.27	0.00	1.61	-9.98	-8.37	-13.09	3.30	0.00	1.61	-9.79	-8.18
6225	61	0.00	-12.66	3.34	0.00	1.61	-9.32	-7.71	-12.59	3.37	0.00	1.61	-9.22	-7.61
	62	0.00	-12.77	3.34	0.00	1.61	-9.43	-7.82	-12.21	3.37	0.00	1.61	-8.84	-7.23
	64	0.00	-13.06	3.34	0.00	1.61	-9.72	-8.11	-12.83	3.37	0.00	1.61	-9.46	-7.85
6385	61	0.00	-13.25	3.39	0.00	1.61	-9.86	-8.25	-12.21	3.41	0.00	1.61	-8.80	-7.19
	62	0.00	-13.35	3.39	0.00	1.61	-9.96	-8.35	-11.93	3.41	0.00	1.61	-8.52	-6.91
	64	0.00	-13.69	3.39	0.00	1.61	-10.30	-8.69	-12.49	3.41	0.00	1.61	-9.08	-7.47
6465	61	0.00	-13.41	3.40	0.00	1.61	-10.01	-8.40	-11.80	3.43	0.00	1.61	-8.37	-6.76
	62	0.00	-14.08	3.40	0.00	1.61	-10.68	-9.07	-11.57	3.43	0.00	1.61	-8.14	-6.53
	64	0.00	-13.95	3.40	0.00	1.61	-10.55	-8.94	-11.26	3.43	0.00	1.61	-7.83	-6.22

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 25, 2024
Temperature / Humidity 23 deg. C / 35 % RH
Engineer Yohsuke Matsuzawa
Mode Tx 11ax-80 (OFDMA) 242-tone RU (CDD) pre-correction

ANT0 + ANT1

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	
		ANT0	ANT1	Sum				ANT0	ANT1	Sum				
[MHz]		[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	
6545	61	0.10	0.12	0.22	-6.53	-	-	0.12	0.14	0.26	-5.93	24.00	29.93	
	62	0.12	0.12	0.24	-6.24	-	-	0.14	0.14	0.27	-5.64	24.00	29.64	
	64	0.10	0.12	0.21	-6.76	-	-	0.11	0.13	0.24	-6.16	24.00	30.16	
6625	61	0.10	0.12	0.22	-6.51	-	-	0.12	0.14	0.26	-5.91	24.00	29.91	
	62	0.10	0.11	0.21	-6.77	-	-	0.12	0.12	0.24	-6.17	24.00	30.17	
	64	0.10	0.10	0.20	-6.94	-	-	0.12	0.12	0.23	-6.34	24.00	30.34	
6705	61	0.09	0.11	0.19	-7.13	-	-	0.10	0.12	0.22	-6.53	24.00	30.53	
	62	0.11	0.11	0.22	-6.60	-	-	0.13	0.12	0.25	-6.00	24.00	30.00	
	64	0.09	0.11	0.19	-7.11	-	-	0.10	0.12	0.22	-6.51	24.00	30.51	
6865	61	0.07	0.10	0.17	-7.68	-	-	0.08	0.11	0.20	-7.08	24.00	31.08	
	62	0.10	0.09	0.19	-7.17	-	-	0.11	0.11	0.22	-6.57	24.00	30.57	
	64	0.08	0.09	0.17	-7.79	-	-	0.09	0.10	0.19	-7.19	24.00	31.19	
6945	61	0.10	0.10	0.20	-6.97	-	-	0.12	0.11	0.23	-6.37	24.00	30.37	
	62	0.09	0.09	0.18	-7.49	-	-	0.11	0.10	0.20	-6.89	24.00	30.89	
	64	0.09	0.09	0.18	-7.41	-	-	0.10	0.10	0.21	-6.81	24.00	30.81	
7025	61	0.09	0.09	0.18	-7.45	-	-	0.10	0.10	0.21	-6.85	24.00	30.85	
	62	0.09	0.08	0.17	-7.63	-	-	0.11	0.09	0.20	-7.03	24.00	31.03	
	64	0.09	0.08	0.17	-7.61	-	-	0.11	0.09	0.20	-7.01	24.00	31.01	

Tested Frequency [MHz]	RU Index	ANT0							ANT1						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	
6545	61	0.00	-13.32	3.42	0.00	0.60	-9.90	-9.30	-12.64	3.44	0.00	0.60	-9.20	-8.60	
	62	0.00	-12.69	3.42	0.00	0.60	-9.27	-8.67	-12.67	3.44	0.00	0.60	-9.23	-8.63	
	64	0.00	-13.62	3.42	0.00	0.60	-10.20	-9.60	-12.82	3.44	0.00	0.60	-9.38	-8.78	
6625	61	0.00	-13.43	3.45	0.00	0.60	-9.98	-9.38	-12.58	3.47	0.00	0.60	-9.11	-8.51	
	62	0.00	-13.29	3.45	0.00	0.60	-9.84	-9.24	-13.19	3.47	0.00	0.60	-9.72	-9.12	
	64	0.00	-13.41	3.45	0.00	0.60	-9.96	-9.36	-13.42	3.47	0.00	0.60	-9.95	-9.35	
6705	61	0.00	-14.17	3.47	0.00	0.60	-10.70	-10.10	-13.14	3.49	0.00	0.60	-9.65	-9.05	
	62	0.00	-12.92	3.47	0.00	0.60	-9.45	-8.85	-13.26	3.49	0.00	0.60	-9.77	-9.17	
	64	0.00	-14.11	3.47	0.00	0.60	-10.64	-10.04	-13.15	3.49	0.00	0.60	-9.66	-9.06	
6865	61	0.00	-14.97	3.51	0.00	0.60	-11.46	-10.86	-13.56	3.53	0.00	0.60	-10.03	-9.43	
	62	0.00	-13.63	3.51	0.00	0.60	-10.12	-9.52	-13.77	3.53	0.00	0.60	-10.24	-9.64	
	64	0.00	-14.74	3.51	0.00	0.60	-11.23	-10.63	-13.94	3.53	0.00	0.60	-10.41	-9.81	
6945	61	0.00	-13.46	3.53	0.00	0.60	-9.93	-9.33	-13.59	3.55	0.00	0.60	-10.04	-9.44	
	62	0.00	-13.90	3.53	0.00	0.60	-10.37	-9.77	-14.18	3.55	0.00	0.60	-10.63	-10.03	
	64	0.00	-13.97	3.53	0.00	0.60	-10.44	-9.84	-13.96	3.55	0.00	0.60	-10.41	-9.81	
7025	61	0.00	-13.98	3.56	0.00	0.60	-10.42	-9.82	-14.08	3.58	0.00	0.60	-10.50	-9.90	
	62	0.00	-13.83	3.56	0.00	0.60	-10.27	-9.67	-14.63	3.58	0.00	0.60	-11.05	-10.45	
	64	0.00	-13.80	3.56	0.00	0.60	-10.24	-9.64	-14.62	3.58	0.00	0.60	-11.04	-10.44	

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 28, 2024
Temperature / Humidity 22 deg. C / 33 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 484-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	65	0.10	0.11	0.21	-6.80	-	-		0.15	0.15	0.30	-5.19	24.00	29.19
	66	0.10	0.11	0.21	-6.70	-	-		0.15	0.16	0.31	-5.09	24.00	29.09
6225	65	0.10	0.13	0.23	-6.41	-	-		0.14	0.19	0.33	-4.80	24.00	28.80
	66	0.11	0.12	0.23	-6.39	-	-		0.15	0.18	0.33	-4.78	24.00	28.78
6385	65	0.09	0.13	0.22	-6.58	-	-		0.13	0.19	0.32	-4.97	24.00	28.97
	66	0.09	0.12	0.22	-6.67	-	-		0.13	0.18	0.31	-5.06	24.00	29.06
6465	65	0.09	0.16	0.25	-5.99	-	-		0.13	0.24	0.36	-4.38	24.00	28.38
	66	0.08	0.15	0.23	-6.29	-	-		0.12	0.22	0.34	-4.68	24.00	28.68

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
			[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5985	65	0.00	-13.17	3.27	0.00	1.61	-9.90	-8.29	-13.02	3.30	0.00	1.61	-9.72	-8.11
	66	0.00	-13.24	3.27	0.00	1.61	-9.97	-8.36	-12.76	3.30	0.00	1.61	-9.46	-7.85
6225	65	0.00	-13.35	3.34	0.00	1.61	-10.01	-8.40	-12.28	3.37	0.00	1.61	-8.91	-7.30
	66	0.00	-13.05	3.34	0.00	1.61	-9.71	-8.10	-12.48	3.37	0.00	1.61	-9.11	-7.50
6385	65	0.00	-13.84	3.39	0.00	1.61	-10.45	-8.84	-12.28	3.41	0.00	1.61	-8.87	-7.26
	66	0.00	-13.77	3.39	0.00	1.61	-10.38	-8.77	-12.49	3.41	0.00	1.61	-9.08	-7.47
6465	65	0.00	-13.95	3.40	0.00	1.61	-10.55	-8.94	-11.29	3.43	0.00	1.61	-7.86	-6.25
	66	0.00	-14.29	3.40	0.00	1.61	-10.89	-9.28	-11.57	3.43	0.00	1.61	-8.14	-6.53

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

* The Duty Factor is 0 dB, 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 28, 2024
Temperature / Humidity 22 deg. C / 33 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 484-tone RU (SDM) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power						e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	65	0.11	0.11	0.22	-6.64	-	-	0.13	0.12	0.25	-6.04	24.00	30.04
	66	0.11	0.11	0.22	-6.66	-	-	0.13	0.12	0.25	-6.06	24.00	30.06
6625	65	0.11	0.11	0.22	-6.67	-	-	0.12	0.12	0.25	-6.07	24.00	30.07
	66	0.11	0.12	0.22	-6.48	-	-	0.12	0.14	0.26	-5.88	24.00	29.88
6705	65	0.10	0.10	0.20	-7.02	-	-	0.11	0.11	0.23	-6.42	24.00	30.42
	66	0.10	0.10	0.20	-7.06	-	-	0.11	0.11	0.23	-6.46	24.00	30.46
6865	65	0.09	0.09	0.18	-7.50	-	-	0.10	0.10	0.20	-6.90	24.00	30.90
	66	0.09	0.10	0.19	-7.25	-	-	0.10	0.11	0.22	-6.65	24.00	30.65
6945	65	0.10	0.08	0.17	-7.58	-	-	0.11	0.09	0.20	-6.98	24.00	30.98
	66	0.09	0.08	0.17	-7.60	-	-	0.10	0.09	0.20	-7.00	24.00	31.00
7025	65	0.09	0.08	0.17	-7.71	-	-	0.10	0.09	0.19	-7.11	24.00	31.11
	66	0.09	0.08	0.17	-7.66	-	-	0.11	0.09	0.20	-7.06	24.00	31.06

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	Result e.i.r.p. [dBm]
6545	65	0.00	-13.03	3.42	0.00	0.60	-9.61	-9.01	-13.13	3.44	0.00	0.60	-9.69	-9.09
	66	0.00	-13.04	3.42	0.00	0.60	-9.62	-9.02	-13.17	3.44	0.00	0.60	-9.73	-9.13
6625	65	0.00	-13.11	3.45	0.00	0.60	-9.66	-9.06	-13.18	3.47	0.00	0.60	-9.71	-9.11
	66	0.00	-13.21	3.45	0.00	0.60	-9.76	-9.16	-12.71	3.47	0.00	0.60	-9.24	-8.64
6705	65	0.00	-13.51	3.47	0.00	0.60	-10.04	-9.44	-13.52	3.49	0.00	0.60	-10.03	-9.43
	66	0.00	-13.55	3.47	0.00	0.60	-10.08	-9.48	-13.56	3.49	0.00	0.60	-10.07	-9.47
6865	65	0.00	-14.01	3.51	0.00	0.60	-10.50	-9.90	-14.05	3.53	0.00	0.60	-10.52	-9.92
	66	0.00	-13.91	3.51	0.00	0.60	-10.40	-9.80	-13.65	3.53	0.00	0.60	-10.12	-9.52
6945	65	0.00	-13.75	3.53	0.00	0.60	-10.22	-9.62	-14.55	3.55	0.00	0.60	-11.00	-10.40
	66	0.00	-13.93	3.53	0.00	0.60	-10.40	-9.80	-14.38	3.55	0.00	0.60	-10.83	-10.23
7025	65	0.00	-14.12	3.56	0.00	0.60	-10.56	-9.96	-14.46	3.58	0.00	0.60	-10.88	-10.28
	66	0.00	-13.94	3.56	0.00	0.60	-10.38	-9.78	-14.57	3.58	0.00	0.60	-10.99	-10.39

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

* The Duty Factor is 0 dB, 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 28, 2024
Temperature / Humidity 22 deg. C / 33 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 484-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]		Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
		ANT0 [mW]	ANT1 [mW]	Sum [mW]					ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	65	0.09	0.10	0.19	-7.16	-	-		0.14	0.14	0.28	-5.55	24.00	29.55
	66	0.10	0.12	0.23	-6.45	-	-		0.15	0.18	0.33	-4.84	24.00	28.84
6225	65	0.10	0.13	0.23	-6.44	-	-		0.14	0.18	0.33	-4.83	24.00	28.83
	66	0.11	0.12	0.23	-6.36	-	-		0.16	0.18	0.33	-4.75	24.00	28.75
6385	65	0.10	0.12	0.22	-6.63	-	-		0.14	0.17	0.32	-5.02	24.00	29.02
	66	0.09	0.12	0.21	-6.74	-	-		0.13	0.18	0.31	-5.13	24.00	29.13
6465	65	0.09	0.17	0.25	-5.96	-	-		0.13	0.24	0.37	-4.35	24.00	28.35
	66	0.08	0.15	0.23	-6.36	-	-		0.12	0.22	0.34	-4.75	24.00	28.75

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5985	65	0.00	-13.51	3.27	0.00	1.61	-10.24	-8.63	-13.40	3.30	0.00	1.61	-10.10	-8.49
	66	0.00	-13.11	3.27	0.00	1.61	-9.84	-8.23	-12.41	3.30	0.00	1.61	-9.11	-7.50
6225	65	0.00	-13.37	3.34	0.00	1.61	-10.03	-8.42	-12.31	3.37	0.00	1.61	-8.94	-7.33
	66	0.00	-13.04	3.34	0.00	1.61	-9.70	-8.09	-12.44	3.37	0.00	1.61	-9.07	-7.46
6385	65	0.00	-13.51	3.39	0.00	1.61	-10.12	-8.51	-12.61	3.41	0.00	1.61	-9.20	-7.59
	66	0.00	-13.84	3.39	0.00	1.61	-10.45	-8.84	-12.56	3.41	0.00	1.61	-9.15	-7.54
6465	65	0.00	-13.95	3.40	0.00	1.61	-10.55	-8.94	-11.25	3.43	0.00	1.61	-7.82	-6.21
	66	0.00	-14.31	3.40	0.00	1.61	-10.91	-9.30	-11.66	3.43	0.00	1.61	-8.23	-6.62

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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 10, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 484-tone RU (CDD) pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power							e.i.r.p.					
		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]		Antenna ANT0 [mW]	Antenna ANT1 [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
6545	65	0.11	0.12	0.23	-6.40	-	-		0.12	0.14	0.26	-5.80	24.00	29.80
	66	0.11	0.12	0.23	-6.46	-	-		0.12	0.14	0.26	-5.86	24.00	29.86
6625	65	0.11	0.10	0.21	-6.77	-	-		0.12	0.12	0.24	-6.17	24.00	30.17
	66	0.10	0.12	0.22	-6.52	-	-		0.12	0.14	0.26	-5.92	24.00	29.92
6705	65	0.10	0.10	0.20	-6.95	-	-		0.12	0.12	0.23	-6.35	24.00	30.35
	66	0.10	0.10	0.20	-7.09	-	-		0.11	0.11	0.22	-6.49	24.00	30.49
6865	65	0.09	0.09	0.18	-7.38	-	-		0.10	0.11	0.21	-6.78	24.00	30.78
	66	0.09	0.10	0.19	-7.16	-	-		0.11	0.11	0.22	-6.56	24.00	30.56
6945	65	0.10	0.08	0.17	-7.60	-	-		0.11	0.09	0.20	-7.00	24.00	31.00
	66	0.09	0.08	0.17	-7.59	-	-		0.11	0.09	0.20	-6.99	24.00	30.99
7025	65	0.10	0.08	0.18	-7.55	-	-		0.11	0.09	0.20	-6.95	24.00	30.95
	66	0.09	0.08	0.17	-7.67	-	-		0.11	0.09	0.20	-7.07	24.00	31.07

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			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]
6545	65	0.00	-13.13	3.42	0.00	0.60	-9.71	-9.11	-12.57	3.44	0.00	0.60	-9.13	-8.53
	66	0.00	-13.14	3.42	0.00	0.60	-9.72	-9.12	-12.68	3.44	0.00	0.60	-9.24	-8.64
6625	65	0.00	-13.21	3.45	0.00	0.60	-9.76	-9.16	-13.27	3.47	0.00	0.60	-9.80	-9.20
	66	0.00	-13.24	3.45	0.00	0.60	-9.79	-9.19	-12.75	3.47	0.00	0.60	-9.28	-8.68
6705	65	0.00	-13.45	3.47	0.00	0.60	-9.98	-9.38	-13.44	3.49	0.00	0.60	-9.95	-9.35
	66	0.00	-13.55	3.47	0.00	0.60	-10.08	-9.48	-13.61	3.49	0.00	0.60	-10.12	-9.52
6865	65	0.00	-13.93	3.51	0.00	0.60	-10.42	-9.82	-13.90	3.53	0.00	0.60	-10.37	-9.77
	66	0.00	-13.84	3.51	0.00	0.60	-10.33	-9.73	-13.55	3.53	0.00	0.60	-10.02	-9.42
6945	65	0.00	-13.75	3.53	0.00	0.60	-10.22	-9.62	-14.60	3.55	0.00	0.60	-11.05	-10.45
	66	0.00	-13.85	3.53	0.00	0.60	-10.32	-9.72	-14.46	3.55	0.00	0.60	-10.91	-10.31
7025	65	0.00	-13.78	3.56	0.00	0.60	-10.22	-9.62	-14.51	3.58	0.00	0.60	-10.93	-10.33
	66	0.00	-13.94	3.56	0.00	0.60	-10.38	-9.78	-14.59	3.58	0.00	0.60	-11.01	-10.41

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

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 28, 2024
Temperature / Humidity 22 deg. C / 33 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 996-tone RU (SDM) pre-correction

ANT0 + ANT1 996-toneRU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	0.09	0.08	0.17	-7.66	-	-	0.13	0.12	0.25	-6.05	24.00	30.05
6225	0.10	0.09	0.19	-7.32	-	-	0.14	0.13	0.27	-5.71	24.00	29.71
6385	0.08	0.10	0.19	-7.30	-	-	0.12	0.15	0.27	-5.69	24.00	29.69
6465	0.08	0.11	0.20	-7.04	-	-	0.12	0.16	0.29	-5.43	24.00	29.43
6545	0.10	0.10	0.20	-7.00	-	-	0.11	0.12	0.23	-6.40	24.00	30.40
6625	0.09	0.10	0.19	-7.27	-	-	0.10	0.11	0.22	-6.67	24.00	30.67
6705	0.09	0.09	0.18	-7.47	-	-	0.10	0.10	0.21	-6.87	24.00	30.87
6865	0.08	0.08	0.17	-7.71	-	-	0.10	0.10	0.19	-7.11	24.00	31.11
6945	0.09	0.07	0.16	-7.86	-	-	0.10	0.08	0.19	-7.26	24.00	31.26
7025	0.10	0.07	0.17	-7.63	-	-	0.11	0.09	0.20	-7.03	24.00	31.03

		ANT0						ANT1					
Tested Frequency	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result		Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result	
[MHz]	[dB]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5985	0.00	-13.67	3.27	0.00	1.61	-10.40	-8.79	-14.25	3.30	0.00	1.61	-10.95	-9.34
6225	0.00	-13.54	3.34	0.00	1.61	-10.20	-8.59	-13.83	3.37	0.00	1.61	-10.46	-8.85
6385	0.00	-14.12	3.39	0.00	1.61	-10.73	-9.12	-13.33	3.41	0.00	1.61	-9.92	-8.31
6465	0.00	-14.14	3.40	0.00	1.61	-10.74	-9.13	-12.89	3.43	0.00	1.61	-9.46	-7.85
6545	0.00	-13.46	3.42	0.00	0.60	-10.04	-9.44	-13.42	3.44	0.00	0.60	-9.98	-9.38
6625	0.00	-13.91	3.45	0.00	0.60	-10.46	-9.86	-13.57	3.47	0.00	0.60	-10.10	-9.50
6705	0.00	-13.90	3.47	0.00	0.60	-10.43	-9.83	-14.02	3.49	0.00	0.60	-10.53	-9.93
6865	0.00	-14.22	3.51	0.00	0.60	-10.71	-10.11	-14.26	3.53	0.00	0.60	-10.73	-10.13
6945	0.00	-14.01	3.53	0.00	0.60	-10.48	-9.88	-14.86	3.55	0.00	0.60	-11.31	-10.71
7025	0.00	-13.67	3.56	0.00	0.60	-10.11	-9.51	-14.83	3.58	0.00	0.60	-11.25	-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 + Antenna Gain

* The Duty Factor is 0 dB, 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 28, 2024
Temperature / Humidity 22 deg. C / 33 % RH
Engineer Kouki Yamada
Mode Tx 11ax-80 (OFDMA) 996-tone RU (CDD) pre-correction

ANT0 + ANT1 996-toneRU Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	Conducted power						e.i.r.p.					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0 [mW]	ANT1 [mW]	Sum [mW]				ANT0 [mW]	ANT1 [mW]	Sum [mW]			
5985	0.08	0.08	0.16	-7.84	-	-	0.12	0.12	0.24	-6.23	24.00	30.23
6225	0.10	0.09	0.19	-7.30	-	-	0.14	0.13	0.27	-5.69	24.00	29.69
6385	0.09	0.10	0.20	-7.09	-	-	0.13	0.15	0.28	-5.48	24.00	29.48
6465	0.08	0.12	0.20	-6.89	-	-	0.12	0.17	0.30	-5.28	24.00	29.28
6545	0.11	0.10	0.21	-6.87	-	-	0.12	0.12	0.24	-6.27	24.00	30.27
6625	0.10	0.10	0.20	-7.00	-	-	0.12	0.11	0.23	-6.40	24.00	30.40
6705	0.10	0.10	0.20	-7.06	-	-	0.11	0.11	0.23	-6.46	24.00	30.46
6865	0.09	0.09	0.17	-7.61	-	-	0.10	0.10	0.20	-7.01	24.00	31.01
6945	0.09	0.08	0.16	-7.85	-	-	0.10	0.09	0.19	-7.25	24.00	31.25
7025	0.10	0.08	0.17	-7.59	-	-	0.11	0.09	0.20	-6.99	24.00	30.99

Tested Frequency [MHz]	Duty Factor [dB]	ANT0						ANT1					
		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Directional Gain [dBi]	Result	
						Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5985	0.00	-14.19	3.27	0.00	1.61	-10.92	-9.31	-14.09	3.30	0.00	1.61	-10.79	-9.18
6225	0.00	-13.48	3.34	0.00	1.61	-10.14	-8.53	-13.85	3.37	0.00	1.61	-10.48	-8.87
6385	0.00	-13.78	3.39	0.00	1.61	-10.39	-8.78	-13.24	3.41	0.00	1.61	-9.83	-8.22
6465	0.00	-14.13	3.40	0.00	1.61	-10.73	-9.12	-12.63	3.43	0.00	1.61	-9.20	-7.59
6545	0.00	-13.19	3.42	0.00	0.60	-9.77	-9.17	-13.43	3.44	0.00	0.60	-9.99	-9.39
6625	0.00	-13.30	3.45	0.00	0.60	-9.85	-9.25	-13.64	3.47	0.00	0.60	-10.17	-9.57
6705	0.00	-13.52	3.47	0.00	0.60	-10.05	-9.45	-13.59	3.49	0.00	0.60	-10.10	-9.50
6865	0.00	-14.21	3.51	0.00	0.60	-10.70	-10.10	-14.07	3.53	0.00	0.60	-10.54	-9.94
6945	0.00	-14.04	3.53	0.00	0.60	-10.51	-9.91	-14.79	3.55	0.00	0.60	-11.24	-10.64
7025	0.00	-13.69	3.56	0.00	0.60	-10.13	-9.53	-14.70	3.58	0.00	0.60	-11.12	-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 + Directional Gain

Directional Gain: Antenna Gain [dBi] + Array gain (= 0 dB) (* refer to ANSI C63.10: 2013, section 14.4.3.2.5)

* The Duty Factor is 0 dB, 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 27, 2023 February 11, 2024
Temperature / Humidity 24 deg. C / 46 % RH 22 deg. C / 36 % RH
Engineer Hiromasa Sato Makoto Hosaka
Mode Tx 11ax-20 (OFDM)

11ax-20 (OFDM)
Worst rate check (5955 MHz)

MCS	ANT0					ANT1					Total		Remark
	Reading (Average) [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Reading (Average) [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Result Power		
				[dBm]	[mW]				[dBm]	[mW]	[dBm]	[mW]	
0 (1SS)	-10.62	3.27	9.98	2.63	1.83	-9.49	3.29	10.10	3.90	2.45	6.32	4.29	-
1 (1SS)	-10.46	3.27	9.98	2.79	1.90	-9.71	3.29	10.10	3.68	2.33	6.27	4.23	-
2 (1SS)	-10.81	3.27	9.98	2.44	1.75	-9.94	3.29	10.10	3.45	2.21	5.98	3.97	-
3 (1SS)	-9.64	3.27	9.98	3.61	2.30	-8.77	3.29	10.10	4.62	2.90	7.15	5.19	-
4 (1SS)	-9.65	3.27	9.98	3.60	2.29	-8.83	3.29	10.10	4.56	2.86	7.12	5.15	-
5 (1SS)	-8.87	3.27	9.98	4.38	2.74	-8.45	3.29	10.10	4.94	3.12	7.68	5.86	-
6 (1SS)	-9.42	3.27	9.98	3.83	2.42	-8.46	3.29	10.10	4.93	3.11	7.43	5.53	-
7 (1SS)	-9.11	3.27	9.98	4.14	2.59	-8.22	3.29	10.10	5.17	3.29	7.70	5.88	*
8 (1SS)	-9.24	3.27	9.98	4.01	2.52	-8.32	3.29	10.10	5.07	3.21	7.58	5.73	-
9 (1SS)	-9.14	3.27	9.98	4.11	2.58	-8.22	3.29	10.10	5.17	3.29	7.68	5.86	-
10 (1SS)	-8.82	3.27	9.98	4.43	2.77	-8.35	3.29	10.10	5.04	3.19	7.76	5.96	**
11 (1SS)	-8.80	3.27	9.98	4.45	2.79	-8.38	3.29	10.10	5.01	3.17	7.75	5.96	-
0 (2SS)	-10.61	3.27	9.98	2.64	1.84	-9.66	3.29	10.10	3.73	2.36	6.23	4.20	-
1 (2SS)	-10.41	3.27	9.98	2.84	1.92	-9.69	3.29	10.10	3.70	2.34	6.30	4.27	-
2 (2SS)	-10.81	3.27	9.98	2.44	1.75	-9.99	3.29	10.10	3.40	2.19	5.96	3.94	-
3 (2SS)	-9.55	3.27	9.98	3.70	2.34	-8.73	3.29	10.10	4.66	2.92	7.22	5.27	-
4 (2SS)	-9.44	3.27	9.98	3.81	2.40	-8.60	3.29	10.10	4.79	3.01	7.34	5.42	-
5 (2SS)	-8.79	3.27	9.98	4.46	2.79	-8.32	3.29	10.10	5.07	3.21	7.79	6.01	-
6 (2SS)	-8.79	3.27	9.98	4.46	2.79	-8.29	3.29	10.10	5.10	3.24	7.80	6.03	-
7 (2SS)	-8.76	3.27	9.98	4.49	2.81	-8.17	3.29	10.10	5.22	3.33	7.88	6.14	***
8 (2SS)	-8.74	3.27	9.98	4.51	2.82	-8.25	3.29	10.10	5.14	3.27	7.85	6.09	-
9 (2SS)	-8.69	3.27	9.98	4.56	2.86	-8.28	3.29	10.10	5.11	3.24	7.85	6.10	-
10 (2SS)	-8.70	3.27	9.98	4.55	2.85	-8.25	3.29	10.10	5.14	3.27	7.87	6.12	-
11 (2SS)	-9.20	3.27	9.98	4.05	2.54	-8.18	3.29	10.10	5.21	3.32	7.68	5.86	-

*Worst Rate (***: worst of 2SS, **: worst of 1SS, *: worst of MCS 0 to 9 of 1SS)

Sample Calculation: (* SS: Spatial Stream)

Each port Result = Reading + Cable Loss (including the cable(s) customer supplied) + Attenuator Loss

Total Result = ANT0 Result + ANT1 Result

* This measurement was performed only on the on time using the gate function of power meter.

* Data rate mode is same that 11ax-20 (OFDM) mode and 11ax-20 (OFDMA) mode.

* Worst rate check was performed at different power settings than the main measurements.

Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room
Date July 27, 2023 February 11, 2024
Temperature / Humidity 24 deg. C / 46 % RH 22 deg. C / 36 % RH
Engineer Hiromasa Sato Makoto Hosaka
Mode Tx 11ax-40 (OFDM)

11ax-40 (OFDM)
Worst rate check (5965 MHz)

MCS	ANT0					ANT1					Total		Remark
	Reading (Average) [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Reading (Average) [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Result Power		
				[dBm]	[mW]				[dBm]	[mW]	[dBm]	[mW]	
0 (1SS)	-7.27	3.27	9.98	5.98	3.96	-7.11	3.29	10.10	6.28	4.25	9.14	8.21	-
1 (1SS)	-6.81	3.27	9.98	6.44	4.41	-6.67	3.29	10.10	6.72	4.70	9.59	9.10	-
2 (1SS)	-7.64	3.27	9.98	5.61	3.64	-7.56	3.29	10.10	5.83	3.83	8.73	7.47	-
3 (1SS)	-6.64	3.27	9.98	6.61	4.58	-6.46	3.29	10.10	6.93	4.93	9.78	9.51	-
4 (1SS)	-6.42	3.27	9.98	6.83	4.82	-6.25	3.29	10.10	7.14	5.18	10.00	10.00	-
5 (1SS)	-6.22	3.27	9.98	7.03	5.05	-5.63	3.29	10.10	7.76	5.97	10.42	11.02	-
6 (1SS)	-6.25	3.27	9.98	7.00	5.01	-5.64	3.29	10.10	7.75	5.96	10.40	10.97	-
7 (1SS)	-6.22	3.27	9.98	7.03	5.05	-5.61	3.29	10.10	7.78	6.00	10.43	11.04	-
8 (1SS)	-6.10	3.27	9.98	7.15	5.19	-6.15	3.29	10.10	7.24	5.30	10.21	10.48	-
9 (1SS)	-6.23	3.27	9.98	7.02	5.04	-5.31	3.29	10.10	8.08	6.43	10.59	11.46	*
10 (1SS)	-6.25	3.27	9.98	7.00	5.01	-5.28	3.29	10.10	8.11	6.47	10.60	11.48	**
11 (1SS)	-6.24	3.27	9.98	7.01	5.02	-5.29	3.29	10.10	8.10	6.46	10.60	11.48	-
0 (2SS)	-7.18	3.27	9.98	6.07	4.05	-6.69	3.29	10.10	6.70	4.68	9.41	8.72	-
1 (2SS)	-6.84	3.27	9.98	6.41	4.38	-6.08	3.29	10.10	7.31	5.38	9.89	9.76	-
2 (2SS)	-7.75	3.27	9.98	5.50	3.55	-6.29	3.29	10.10	7.10	5.13	9.38	8.68	-
3 (2SS)	-6.61	3.27	9.98	6.64	4.61	-6.09	3.29	10.10	7.30	5.37	9.99	9.98	-
4 (2SS)	-6.36	3.27	9.98	6.89	4.89	-5.95	3.29	10.10	7.44	5.55	10.18	10.43	-
5 (2SS)	-6.21	3.27	9.98	7.04	5.06	-5.30	3.29	10.10	8.09	6.44	10.61	11.50	-
6 (2SS)	-6.15	3.27	9.98	7.10	5.13	-5.66	3.29	10.10	7.73	5.93	10.44	11.06	-
7 (2SS)	-5.86	3.27	9.98	7.39	5.48	-5.35	3.29	10.10	8.04	6.37	10.74	11.85	***
8 (2SS)	-6.23	3.27	9.98	7.02	5.04	-5.33	3.29	10.10	8.06	6.40	10.58	11.43	-
9 (2SS)	-6.30	3.27	9.98	6.95	4.95	-5.31	3.29	10.10	8.08	6.43	10.56	11.38	-
10 (2SS)	-6.27	3.27	9.98	6.98	4.99	-5.35	3.29	10.10	8.04	6.37	10.55	11.36	-
11 (2SS)	-6.28	3.27	9.98	6.97	4.98	-5.83	3.29	10.10	7.56	5.70	10.29	10.68	-

*Worst Rate (***: worst of 2SS, **: worst of 1SS, *: worst of MCS 0 to 9 of 1SS)

Sample Calculation: (* SS: Spatial Stream)

Each port Result = Reading + Cable Loss (including the cable(s) customer supplied) + Attenuator Loss
Total Result = ANT0 Result + ANT1 Result

* This measurement was performed only on the on time using the gate function of power meter.

* Data rate mode is same that 11ax-40 (OFDM) mode and 11ax-40 (OFDMA) mode.

* Worst rate check was performed at different power settings than the main measurements.

Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room
Date July 27, 2023
Temperature / Humidity 24 deg. C / 46 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-80 (OFDM)

11ax-80 (OFDM)
Worst rate check (5985 MHz)

MCS	ANT0					ANT1					Total Result Power		Remark
	Reading (Average) [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Reading (Average) [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result				
				[dBm]	[mW]				[dBm]	[mW]			
0 (1SS)	-6.71	3.27	9.98	6.54	4.51	-6.37	3.30	10.10	7.02	5.04	9.80	9.55	-
1 (1SS)	-7.48	3.27	9.98	5.77	3.78	-7.12	3.30	10.10	6.27	4.24	9.04	8.02	-
2 (1SS)	-7.29	3.27	9.98	5.96	3.95	-6.88	3.30	10.10	6.51	4.48	9.26	8.43	-
3 (1SS)	-6.98	3.27	9.98	6.27	4.24	-6.56	3.30	10.10	6.83	4.82	9.57	9.06	-
4 (1SS)	-7.03	3.27	9.98	6.22	4.19	-6.66	3.30	10.10	6.73	4.71	9.50	8.90	-
5 (1SS)	-6.75	3.27	9.98	6.50	4.47	-6.28	3.30	10.10	7.11	5.14	9.83	9.61	-
6 (1SS)	-6.67	3.27	9.98	6.58	4.55	-6.33	3.30	10.10	7.06	5.08	9.84	9.64	**
7 (1SS)	-6.70	3.27	9.98	6.55	4.52	-6.33	3.30	10.10	7.06	5.08	9.83	9.61	-
8 (1SS)	-6.75	3.27	9.98	6.50	4.47	-6.38	3.30	10.10	7.01	5.03	9.78	9.50	-
9 (1SS)	-6.77	3.27	9.98	6.48	4.45	-6.32	3.30	10.10	7.07	5.10	9.80	9.55	-
10 (1SS)	-6.78	3.27	9.98	6.47	4.44	-6.34	3.30	10.10	7.05	5.07	9.78	9.51	-
11 (1SS)	-6.78	3.27	9.98	6.47	4.44	-6.43	3.30	10.10	6.96	4.97	9.74	9.41	-
0 (2SS)	-6.87	3.27	9.98	6.38	4.35	-6.51	3.30	10.10	6.88	4.88	9.65	9.23	-
1 (2SS)	-7.57	3.27	9.98	5.68	3.70	-7.17	3.30	10.10	6.22	4.19	8.97	7.89	-
2 (2SS)	-7.33	3.27	9.98	5.92	3.91	-6.96	3.30	10.10	6.43	4.40	9.20	8.31	-
3 (2SS)	-7.07	3.27	9.98	6.18	4.15	-6.73	3.30	10.10	6.66	4.64	9.44	8.79	-
4 (2SS)	-7.10	3.27	9.98	6.15	4.12	-6.66	3.30	10.10	6.73	4.71	9.46	8.84	-
5 (2SS)	-6.39	3.27	9.98	6.86	4.86	-6.41	3.30	10.10	6.98	4.99	9.93	9.85	-
6 (2SS)	-6.30	3.27	9.98	6.95	4.96	-6.38	3.30	10.10	7.01	5.03	9.99	9.99	-
7 (2SS)	-6.28	3.27	9.98	6.97	4.98	-6.38	3.30	10.10	7.01	5.03	10.00	10.01	***
8 (2SS)	-6.80	3.27	9.98	6.45	4.42	-6.45	3.30	10.10	6.94	4.95	9.72	9.37	-
9 (2SS)	-6.87	3.27	9.98	6.38	4.35	-6.39	3.30	10.10	7.00	5.02	9.71	9.36	-
10 (2SS)	-6.83	3.27	9.98	6.42	4.39	-6.44	3.30	10.10	6.95	4.96	9.71	9.35	-
11 (2SS)	-6.78	3.27	9.98	6.47	4.44	-6.40	3.30	10.10	6.99	5.00	9.75	9.44	-

*Worst Rate (***: worst of 2SS, **: worst of 1SS, *: worst of MCS 0 to 9 of 1SS)

Sample Calculation: (* SS: Spatial Stream)

Each port Result = Reading + Cable Loss (including the cable(s) customer supplied) + Attenuator Loss
Total Result = ANT0 Result + ANT1 Result

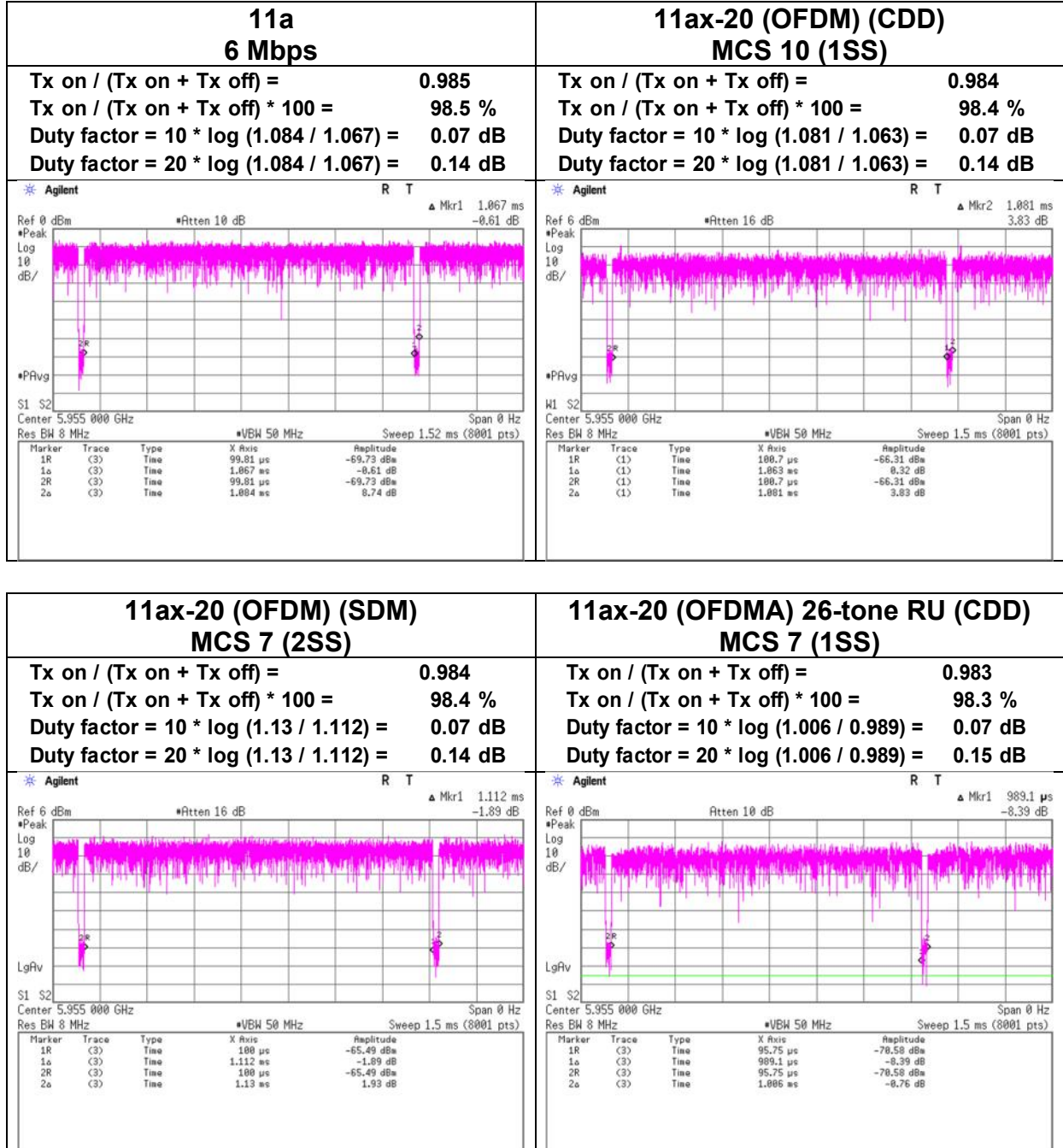
* This measurement was performed only on the on time using the gate function of power meter.

* Data rate mode is same that 11ax-80 (OFDM) mode and 11ax-80 (OFDMA) mode.

* Worst rate check was performed at different power settings than the main measurements.

Burst rate confirmation

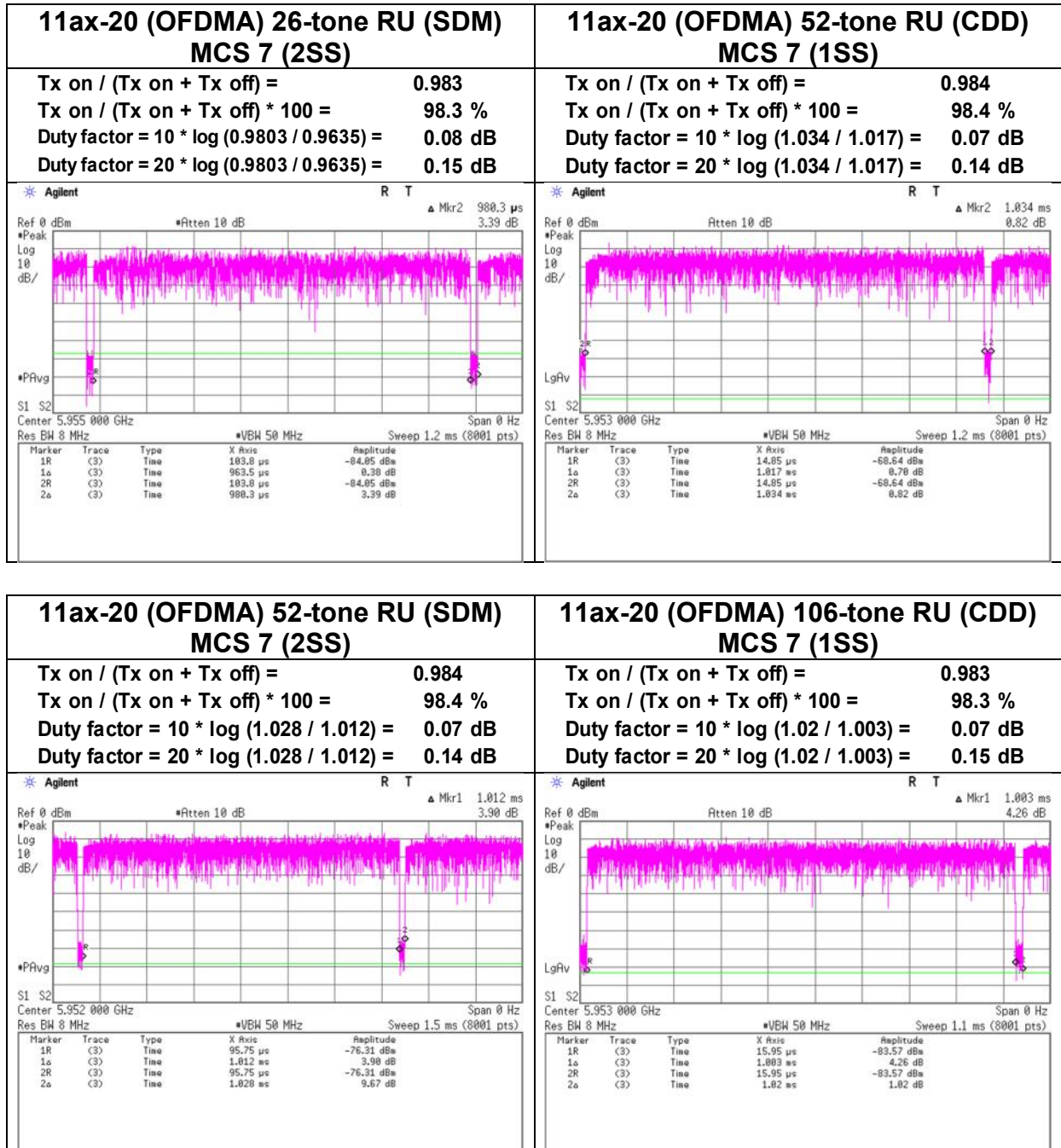
Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 30, 2024 February 2, 2024
Temperature / Humidity	24 deg. C / 25 % RH 25 deg. C / 24 % RH
Engineer	Kenichi Adachi Kenichi Adachi
Mode	Tx



* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

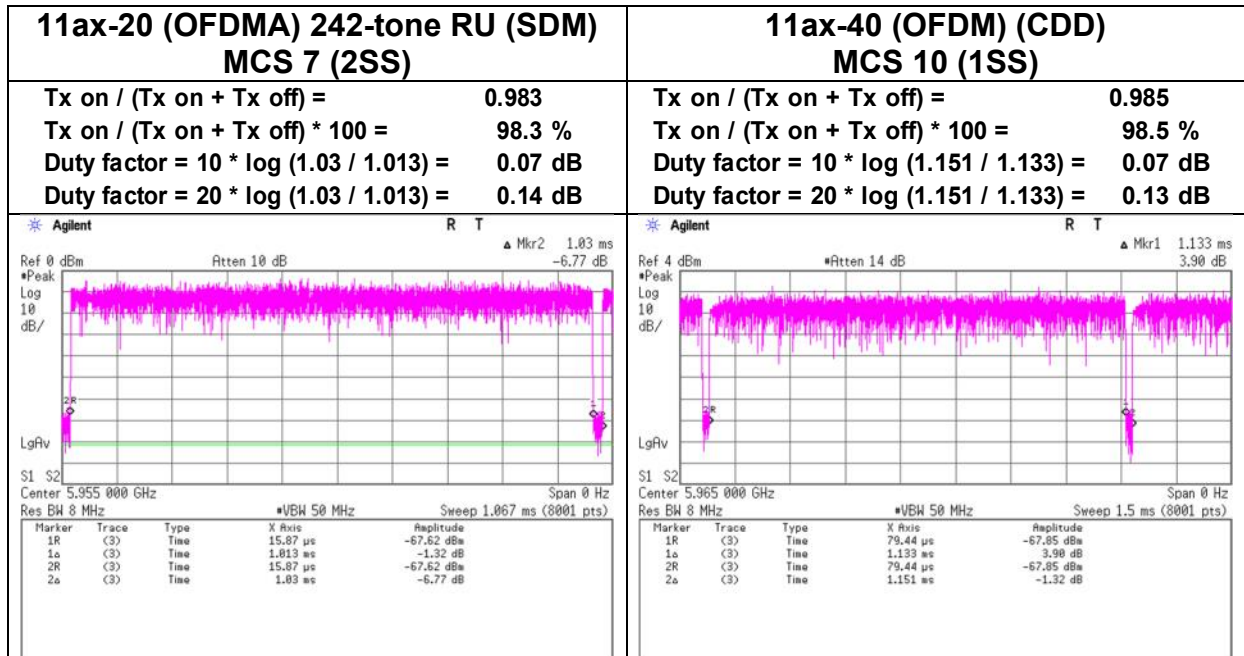
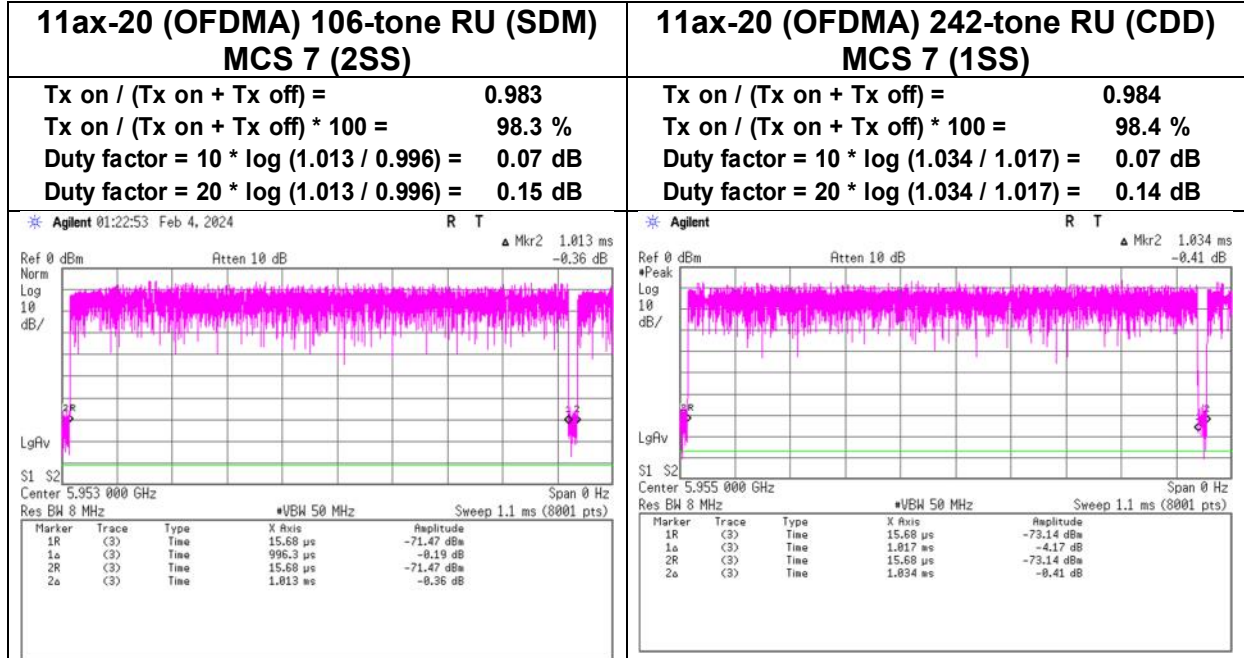
Test place	Shonan EMC Lab. No.5 Shielded Room
Date	February 1, 2024 February 6, 2024
Temperature / Humidity	23 deg. C / 33 % RH 24 deg. C / 35 % RH
Engineer	Yusuke Tanikawara Makoto Hosaka
Mode	Tx



* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

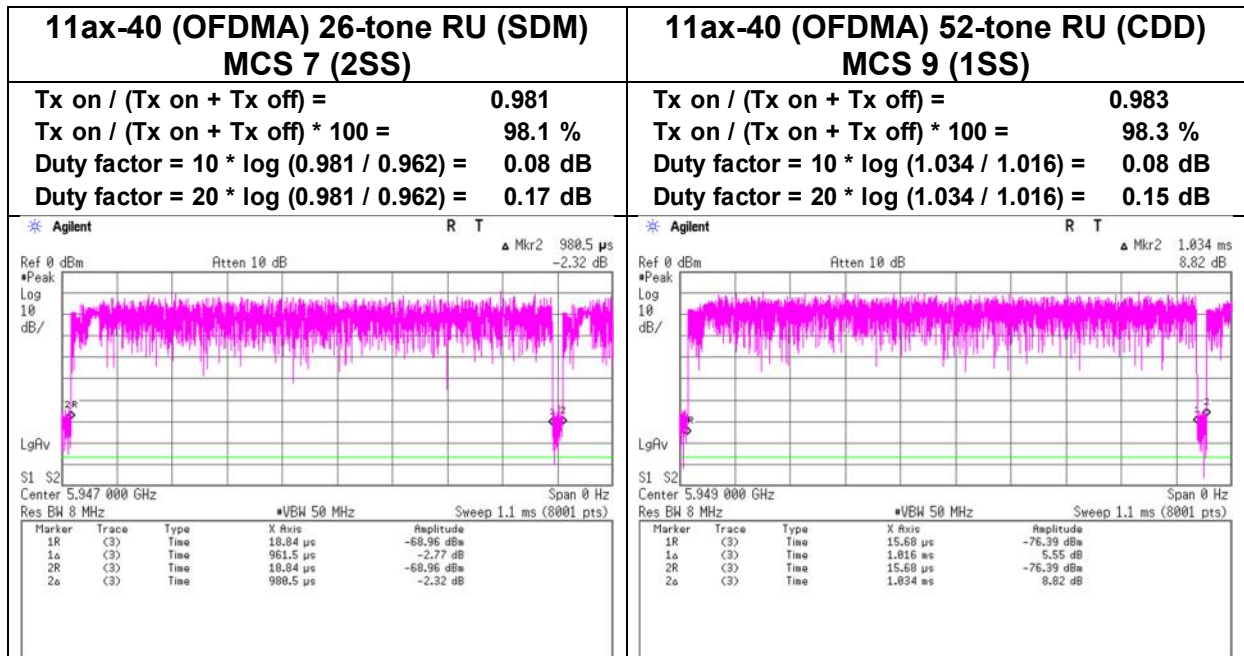
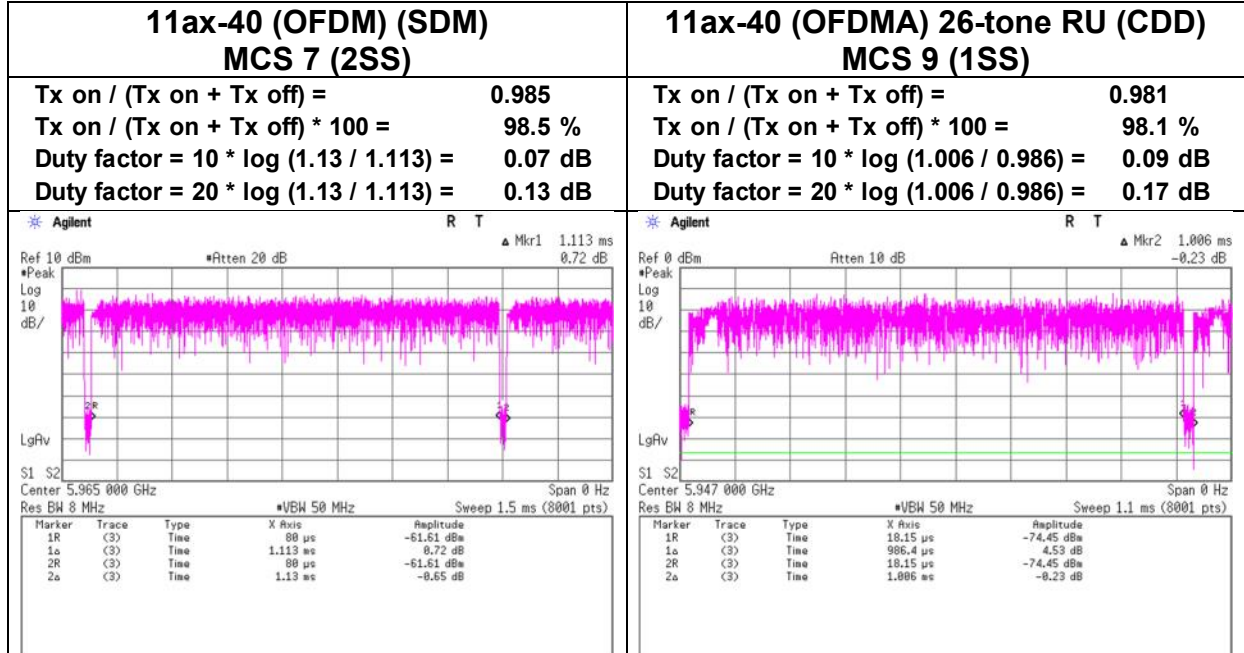
Test place	Shonan EMC Lab. No.5 Shielded Room		
Date	January 31, 2024	February 4, 2024	February 8, 2024
Temperature / Humidity	24 deg. C / 36 % RH	23 deg. C / 35 % RH	23 deg. C / 35 % RH
Engineer	Kenichi Adachi	Makoto Hosaka	Makoto Hosaka
Mode	Tx		



* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

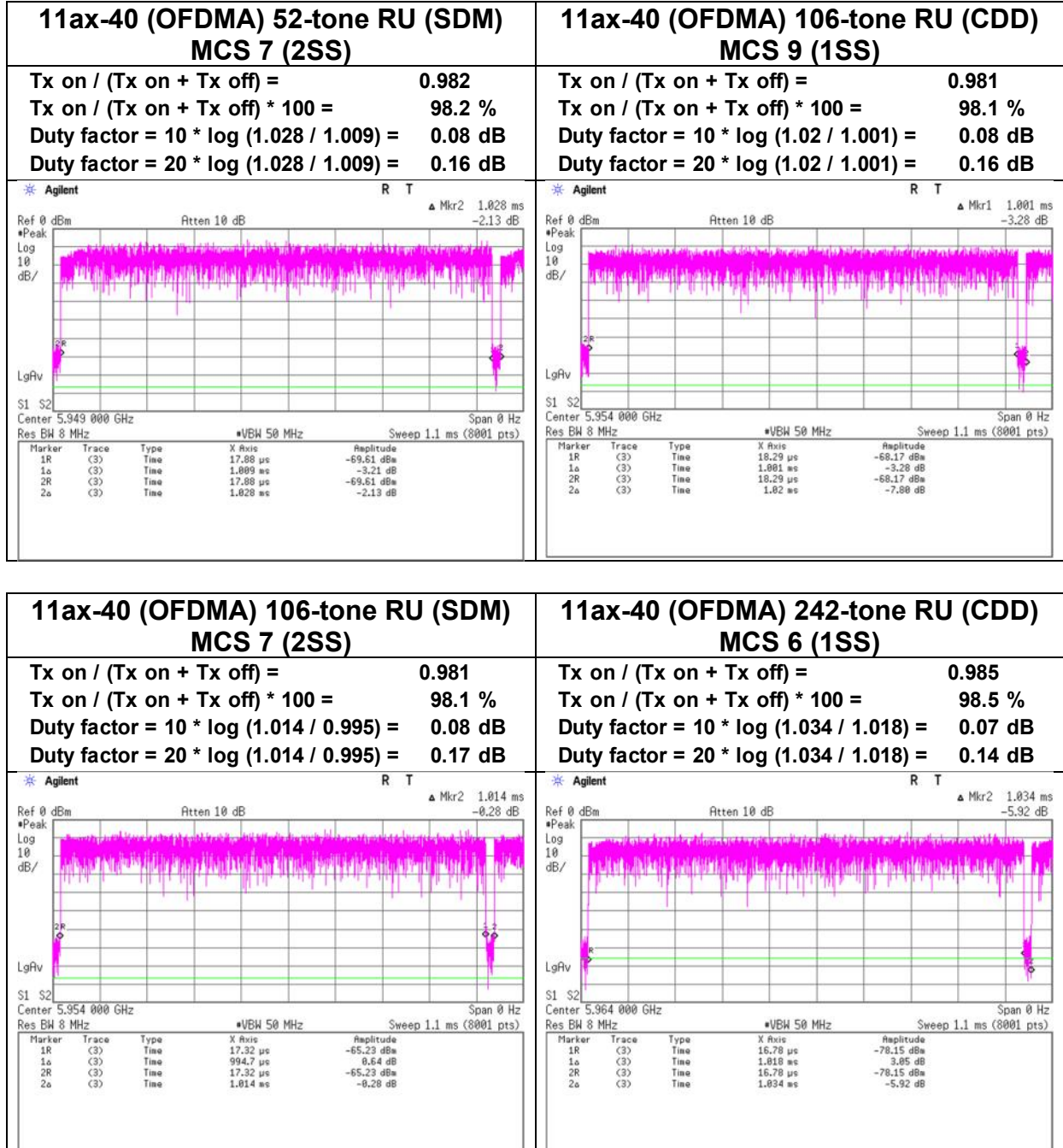
Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024 February 29, 2024
Temperature / Humidity	24 deg. C / 36 % RH 24 deg. C / 32 % RH
Engineer	Kenichi Adachi Makoto Hosaka
Mode	Tx



* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

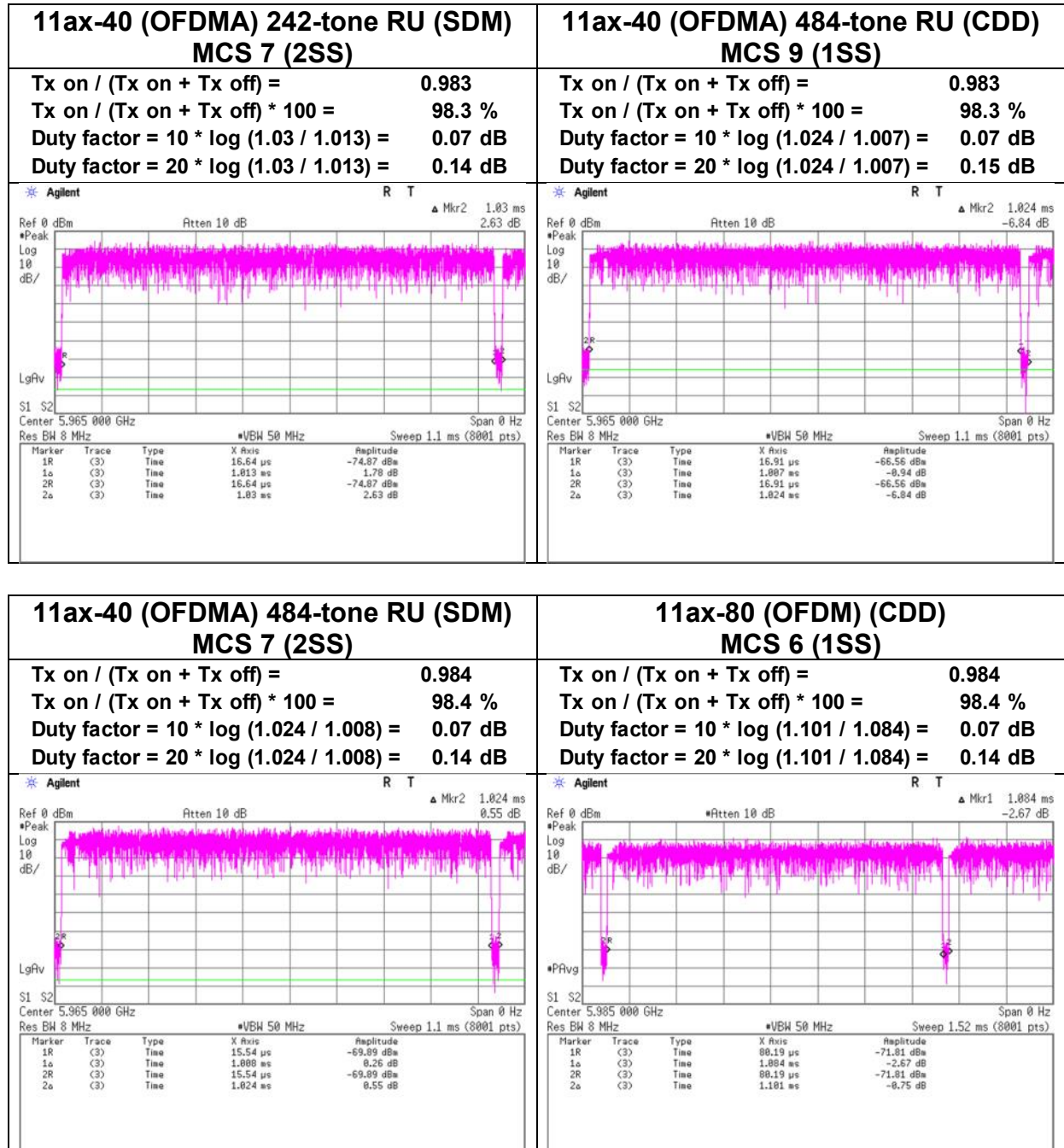
Test place Shonan EMC Lab. No.5 Shielded Room
Date February 29, 2024
Temperature / Humidity 24 deg. C / 32 % RH
Engineer Makoto Hosaka
Mode Tx



* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

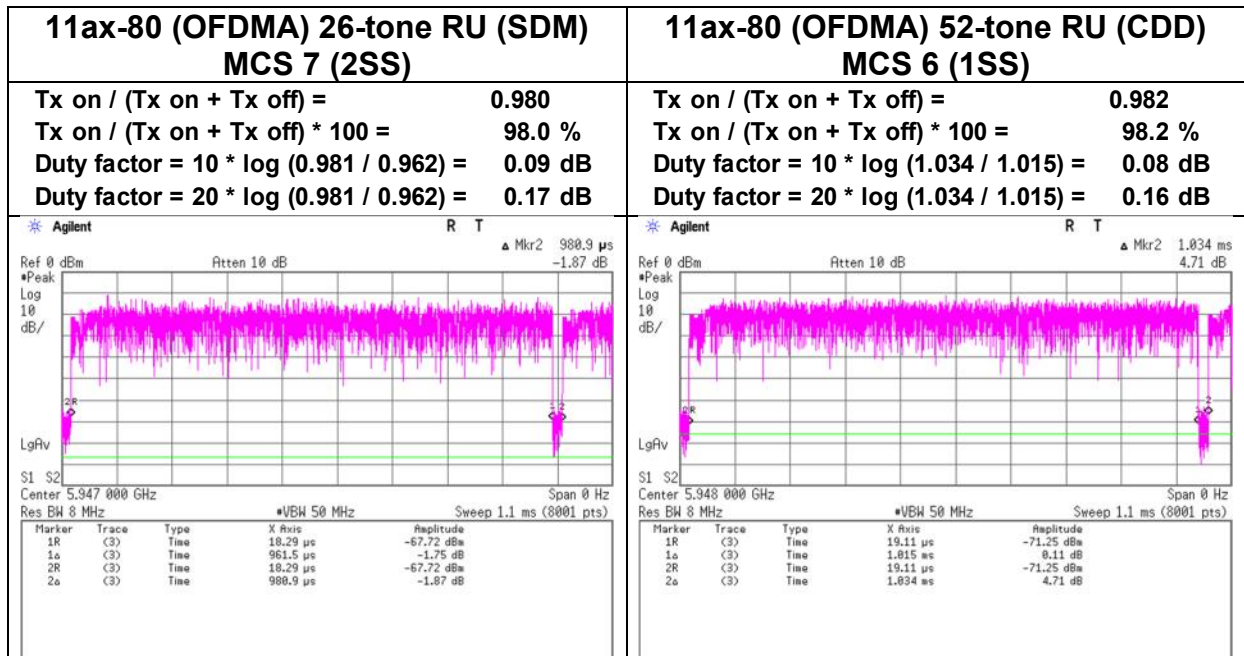
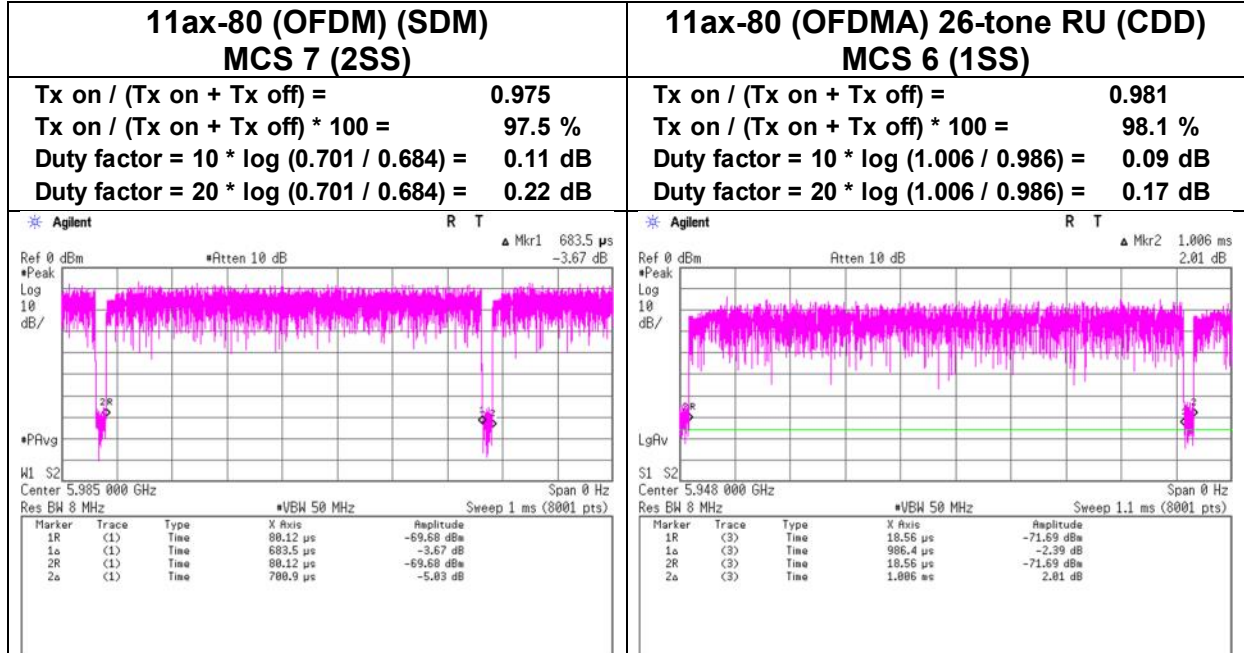
Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024 February 29, 2024
Temperature / Humidity	24 deg. C / 36 % RH 24 deg. C / 32 % RH
Engineer	Kenichi Adachi Makoto Hosaka
Mode	Tx



* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	January 31, 2024 February 29, 2024
Temperature / Humidity	24 deg. C / 36 % RH 24 deg. C / 32 % RH
Engineer	Kenichi Adachi Makoto Hosaka
Mode	Tx



* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 29, 2024
Temperature / Humidity 24 deg. C / 32 % RH
Engineer Makoto Hosaka
Mode Tx

11ax-80 (OFDMA) 242-tone RU (SDM) MCS 7 (2SS) Tx on / (Tx on + Tx off) =0.982 Tx on / (Tx on + Tx off) * 100 =98.2 % Duty factor = 10 * log (1.031 / 1.012) =0.08 dB Duty factor = 20 * log (1.031 / 1.012) =0.16 dB Agilent R T Mkr2 1.031 ms -3.96 dB Ref 0 dBm Atten 10 dB Peak Log 10 dB/ LgRv S1 S2 Center 5.964 000 GHz Res BW 8 MHz VBW 50 MHz Sweep 1.1 ms (8001 pts) Span 0 Hz <table><tr><th>Marker</th><th>Trace</th><th>Type</th><th>X Axis</th><th>Amplitude</th></tr><tr><td>1R</td><td>(3)</td><td>Time</td><td>18.43 μs</td><td>-73.24 dBm</td></tr><tr><td>1a</td><td>(3)</td><td>Time</td><td>1.012 ms</td><td>-0.55 dB</td></tr><tr><td>2R</td><td>(3)</td><td>Time</td><td>18.43 μs</td><td>-73.24 dBm</td></tr><tr><td>2a</td><td>(3)</td><td>Time</td><td>1.031 ms</td><td>-3.96 dB</td></tr></table>	Marker	Trace	Type	X Axis	Amplitude	1R	(3)	Time	18.43 μs	-73.24 dBm	1a	(3)	Time	1.012 ms	-0.55 dB	2R	(3)	Time	18.43 μs	-73.24 dBm	2a	(3)	Time	1.031 ms	-3.96 dB	11ax-80 (OFDMA) 484-tone RU (CDD) MCS 6 (1SS) Tx on / (Tx on + Tx off) =0.983 Tx on / (Tx on + Tx off) * 100 =98.3 % Duty factor = 10 * log (1.02 / 1.003) =0.07 dB Duty factor = 20 * log (1.02 / 1.003) =0.15 dB Agilent R T Mkr2 1.02 ms -2.38 dB Ref 0 dBm Atten 10 dB Peak Log 10 dB/ LgRv S1 S2 Center 5.982 000 GHz Res BW 8 MHz VBW 50 MHz Sweep 1.1 ms (8001 pts) Span 0 Hz <table><tr><th>Marker</th><th>Trace</th><th>Type</th><th>X Axis</th><th>Amplitude</th></tr><tr><td>1R</td><td>(3)</td><td>Time</td><td>16.78 μs</td><td>-70.27 dBm</td></tr><tr><td>1a</td><td>(3)</td><td>Time</td><td>1.003 ms</td><td>-0.58 dB</td></tr><tr><td>2R</td><td>(3)</td><td>Time</td><td>16.78 μs</td><td>-70.27 dBm</td></tr><tr><td>2a</td><td>(3)</td><td>Time</td><td>1.02 ms</td><td>-2.38 dB</td></tr></table>	Marker	Trace	Type	X Axis	Amplitude	1R	(3)	Time	16.78 μs	-70.27 dBm	1a	(3)	Time	1.003 ms	-0.58 dB	2R	(3)	Time	16.78 μs	-70.27 dBm	2a	(3)	Time	1.02 ms	-2.38 dB
Marker	Trace	Type	X Axis	Amplitude																																															
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11ax-80 (OFDMA) 484-tone RU (SDM) MCS 7 (2SS) Tx on / (Tx on + Tx off) =0.984 Tx on / (Tx on + Tx off) * 100 =98.4 % Duty factor = 10 * log (1.023 / 1.007) =0.07 dB Duty factor = 20 * log (1.023 / 1.007) =0.14 dB Agilent R T Mkr2 1.023 ms -0.18 dB Ref 0 dBm Atten 10 dB Peak Log 10 dB/ LgRv S1 S2 Center 5.983 000 GHz Res BW 8 MHz VBW 50 MHz Sweep 1.1 ms (8001 pts) Span 0 Hz <table><tr><th>Marker</th><th>Trace</th><th>Type</th><th>X Axis</th><th>Amplitude</th></tr><tr><td>1R</td><td>(3)</td><td>Time</td><td>15.95 μs</td><td>-71.58 dBm</td></tr><tr><td>1a</td><td>(3)</td><td>Time</td><td>1.007 ms</td><td>-0.57 dB</td></tr><tr><td>2R</td><td>(3)</td><td>Time</td><td>15.95 μs</td><td>-71.58 dBm</td></tr><tr><td>2a</td><td>(3)</td><td>Time</td><td>1.023 ms</td><td>-0.18 dB</td></tr></table>	Marker	Trace	Type	X Axis	Amplitude	1R	(3)	Time	15.95 μs	-71.58 dBm	1a	(3)	Time	1.007 ms	-0.57 dB	2R	(3)	Time	15.95 μs	-71.58 dBm	2a	(3)	Time	1.023 ms	-0.18 dB	11ax-80 (OFDMA) 996-tone RU (CDD) MCS 6 (1SS) Tx on / (Tx on + Tx off) =0.983 Tx on / (Tx on + Tx off) * 100 =98.3 % Duty factor = 10 * log (1.02 / 1.003) =0.07 dB Duty factor = 20 * log (1.02 / 1.003) =0.15 dB Agilent R T Mkr2 1.02 ms -0.76 dB Ref 0 dBm Atten 10 dB Peak Log 10 dB/ LgRv S1 S2 Center 5.985 000 GHz Res BW 8 MHz VBW 50 MHz Sweep 1.1 ms (8001 pts) Span 0 Hz <table><tr><th>Marker</th><th>Trace</th><th>Type</th><th>X Axis</th><th>Amplitude</th></tr><tr><td>1R</td><td>(3)</td><td>Time</td><td>17.05 μs</td><td>-72.17 dBm</td></tr><tr><td>1a</td><td>(3)</td><td>Time</td><td>1.003 ms</td><td>-5.60 dB</td></tr><tr><td>2R</td><td>(3)</td><td>Time</td><td>17.05 μs</td><td>-72.17 dBm</td></tr><tr><td>2a</td><td>(3)</td><td>Time</td><td>1.02 ms</td><td>-0.76 dB</td></tr></table>	Marker	Trace	Type	X Axis	Amplitude	1R	(3)	Time	17.05 μs	-72.17 dBm	1a	(3)	Time	1.003 ms	-5.60 dB	2R	(3)	Time	17.05 μs	-72.17 dBm	2a	(3)	Time	1.02 ms	-0.76 dB
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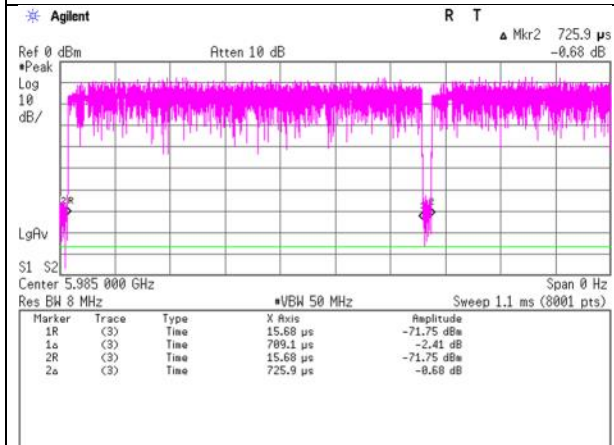
* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

Test place Shonan EMC Lab. No.5 Shielded Room
Date February 29, 2024
Temperature / Humidity 24 deg. C / 32 % RH
Engineer Makoto Hosaka
Mode Tx

11ax-80 (OFDMA) 996-tone RU (SDM) MCS 7 (2SS)

Tx on / (Tx on + Tx off) = 0.977
Tx on / (Tx on + Tx off) * 100 = 97.7 %
Duty factor = 10 * log (0.726 / 0.709) = 0.10 dB
Duty factor = 20 * log (0.726 / 0.709) = 0.20 dB



* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date January 30, 2024
Temperature / Humidity 24 deg. C / 25 % RH
Engineer Kenichi Adachi
Mode Tx 11a

ANT0 + ANT1

Applied limit: 15.407, Low Power Indoor Client

Tested Frequency	PSD (Cond.)						PSD (e.i.r.p.)					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0	ANT1	Sum				ANT0	ANT1	Sum			
[MHz]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[mW/MHz]	[mW/MHz]	[mW/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]
5955	0.09	0.11	0.19	-7.13	-	-	0.25	0.31	0.56	-2.50	-1.00	1.50
6195	0.09	0.10	0.19	-7.21	-	-	0.25	0.30	0.55	-2.58	-1.00	1.58
6415	0.08	0.12	0.20	-7.06	-	-	0.23	0.34	0.57	-2.43	-1.00	1.43
6435	0.10	0.14	0.24	-6.14	-	-	0.29	0.41	0.71	-1.51	-1.00	0.51
6475	0.11	0.14	0.25	-6.04	-	-	0.31	0.42	0.72	-1.41	-1.00	0.41
6515	0.10	0.15	0.25	-5.99	-	-	0.30	0.43	0.73	-1.36	-1.00	0.36
6535	0.13	0.14	0.27	-5.67	-	-	0.30	0.32	0.62	-2.05	-1.00	1.05
6695	0.10	0.13	0.24	-6.27	-	-	0.24	0.30	0.54	-2.65	-1.00	1.65
6855	0.09	0.12	0.21	-6.79	-	-	0.20	0.28	0.48	-3.17	-1.00	2.17
6875	0.08	0.12	0.20	-6.93	-	-	0.19	0.28	0.47	-3.31	-1.00	2.31
6895	0.14	0.13	0.28	-5.59	-	-	0.33	0.31	0.64	-1.97	-1.00	0.97
6995	0.12	0.13	0.24	-6.11	-	-	0.27	0.30	0.56	-2.49	-1.00	1.49
7095	0.10	0.11	0.22	-6.67	-	-	0.24	0.26	0.50	-3.05	-1.00	2.05

		ANT0						ANT1					
Tested Frequency	Duty Factor	PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Directional Gain	PSD Result	
						Cond.	e.i.r.p.					Cond.	e.i.r.p.
	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
5955	0.07	-23.89	3.27	9.98	4.63	-10.57	-5.94	-23.20	3.29	10.10	4.63	-9.74	-5.11
6195	0.07	-24.04	3.33	9.98	4.63	-10.65	-6.02	-23.35	3.35	10.10	4.63	-9.82	-5.19
6415	0.07	-24.50	3.39	9.99	4.63	-11.05	-6.42	-22.87	3.42	10.11	4.63	-9.27	-4.64
6435	0.07	-23.39	3.40	9.99	4.63	-9.94	-5.31	-22.09	3.42	10.11	4.63	-8.49	-3.86
6475	0.07	-23.24	3.41	9.99	4.63	-9.77	-5.14	-22.05	3.43	10.11	4.63	-8.43	-3.80
6515	0.07	-23.32	3.42	9.99	4.63	-9.84	-5.21	-21.93	3.44	10.11	4.63	-8.30	-3.67
6535	0.07	-22.28	3.43	9.99	3.62	-8.79	-5.17	-22.20	3.45	10.11	3.62	-8.57	-4.95
6695	0.07	-23.36	3.47	9.99	3.62	-9.83	-6.21	-22.48	3.49	10.12	3.62	-8.80	-5.18
6855	0.07	-24.25	3.52	9.99	3.62	-10.67	-7.05	-22.80	3.54	10.12	3.62	-9.08	-5.46
6875	0.07	-24.40	3.52	9.99	3.62	-10.81	-7.19	-22.95	3.54	10.12	3.62	-9.22	-5.60
6895	0.07	-22.09	3.53	9.99	3.62	-8.50	-4.88	-22.44	3.55	10.12	3.62	-8.71	-5.09
6995	0.07	-23.00	3.56	9.99	3.62	-9.38	-5.76	-22.65	3.58	10.12	3.62	-8.88	-5.26
7095	0.07	-23.54	3.58	9.99	3.62	-9.89	-6.27	-23.27	3.60	10.12	3.62	-9.48	-5.86

Sample Calculation:

PSD: Power Spectral Density

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

PSD (e.i.r.p.) Result = PSD (Conducted) Result + Directional Gain

Directional Gain = Antenna Gain + Array Gain, Array Gain = $10\log(\text{Number of transmit antennas} / \text{Number of spatial streams})$

Number of transmit antennas = 2, Number of spatial streams = 1