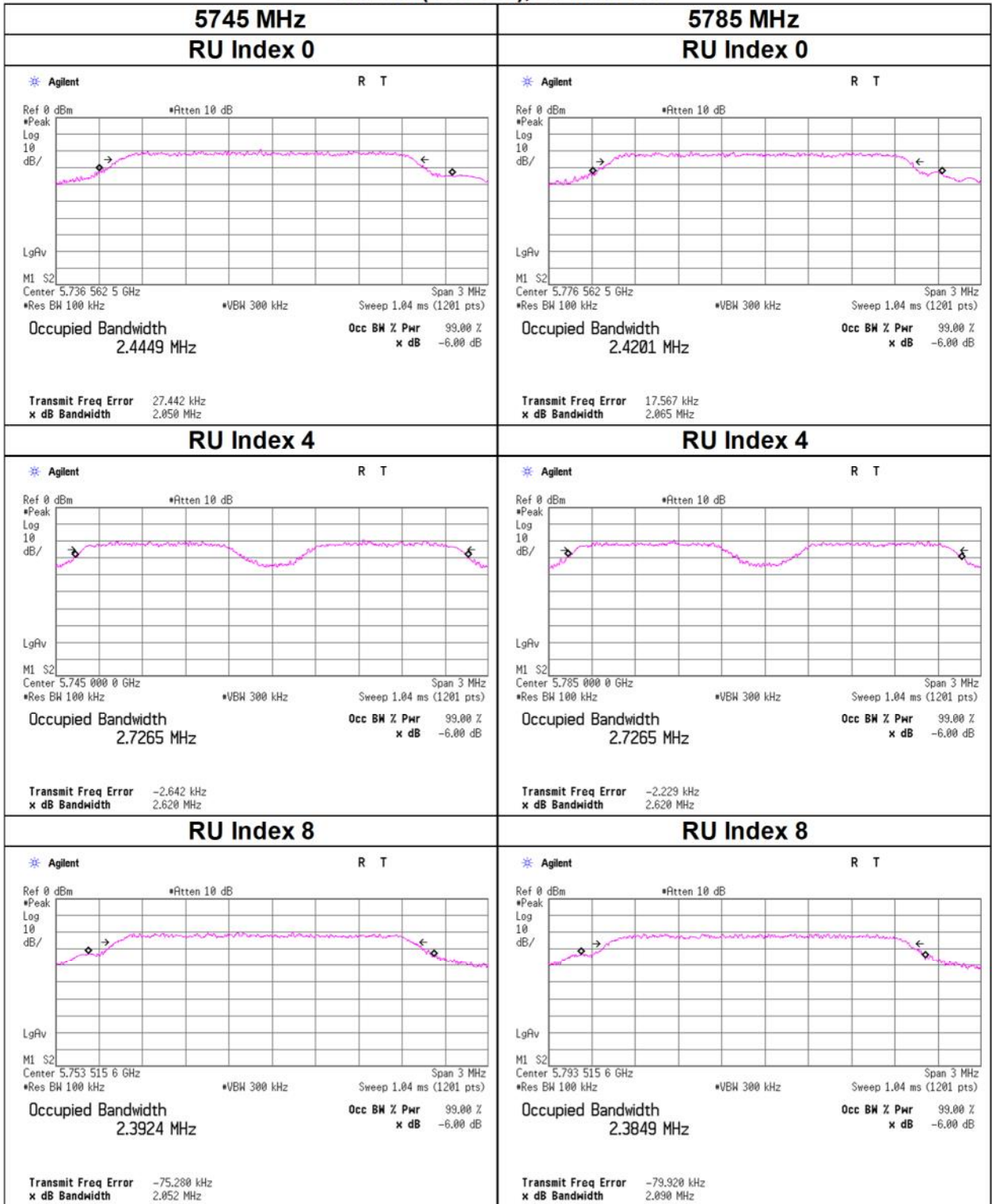
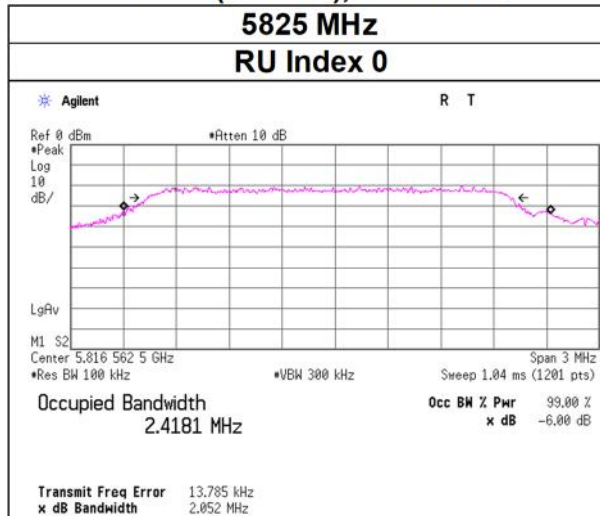


11ax-20(OFDMA), 26-tone RU

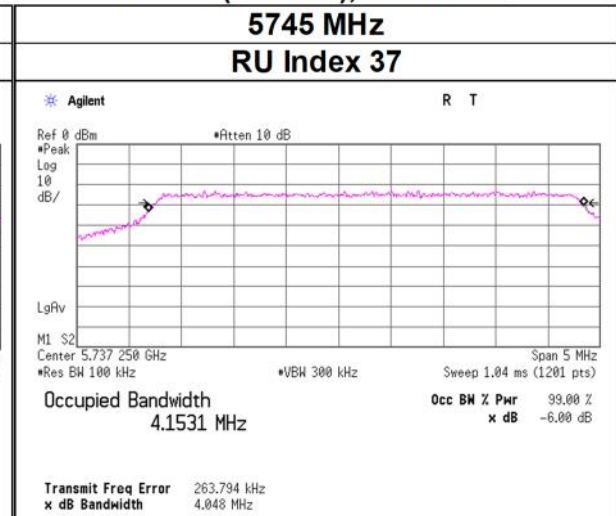


6 dB Bandwidth

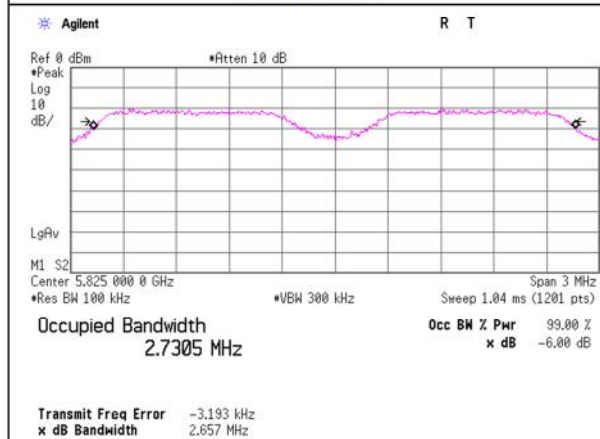
11ax-20(OFDMA), 26-tone RU



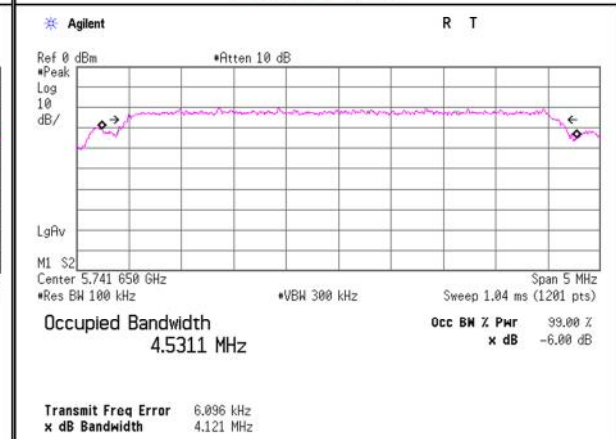
11ax-20(OFDMA), 52-tone RU



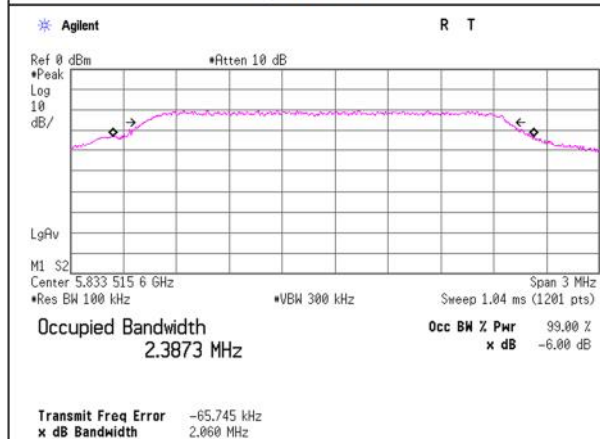
RU Index 4



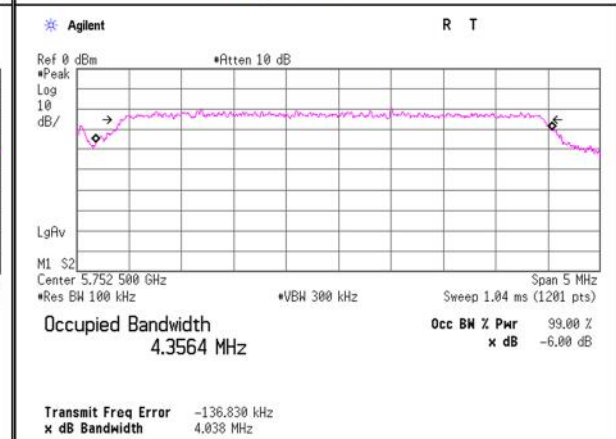
RU Index 38



RU Index 8

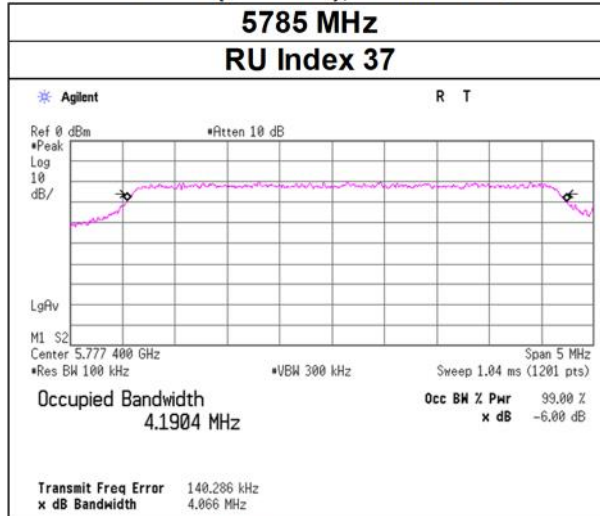


RU Index 40

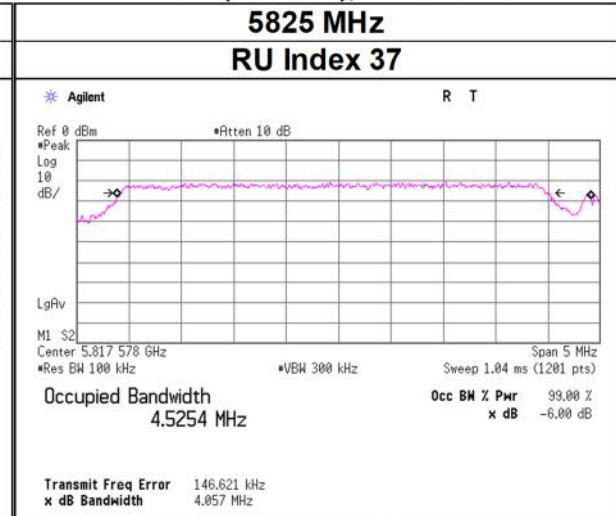


6 dB Bandwidth

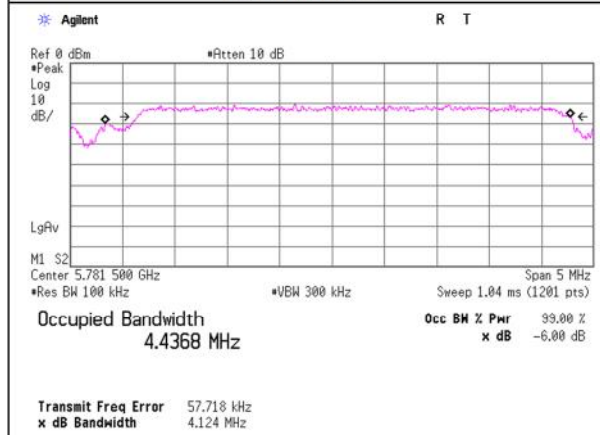
11ax-20(OFDMA), 52-tone RU



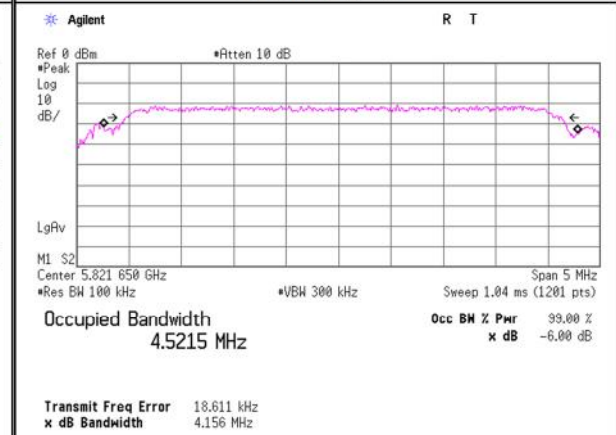
11ax-20(OFDMA), 52-tone RU



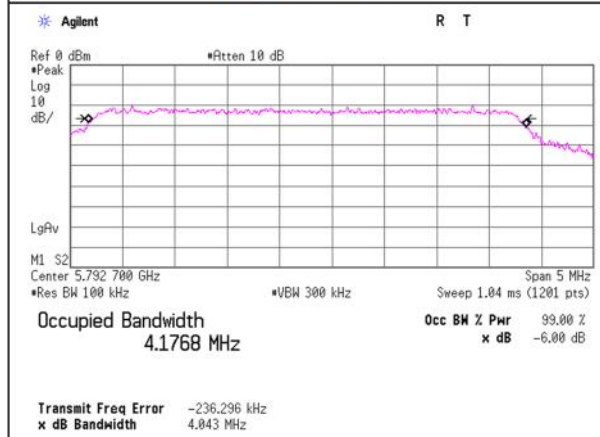
RU Index 38



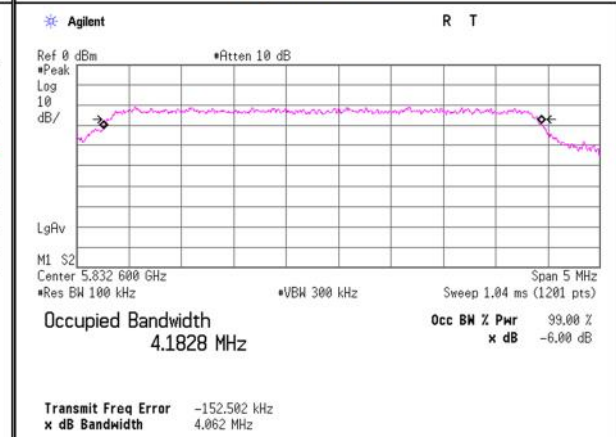
RU Index 38



RU Index 40

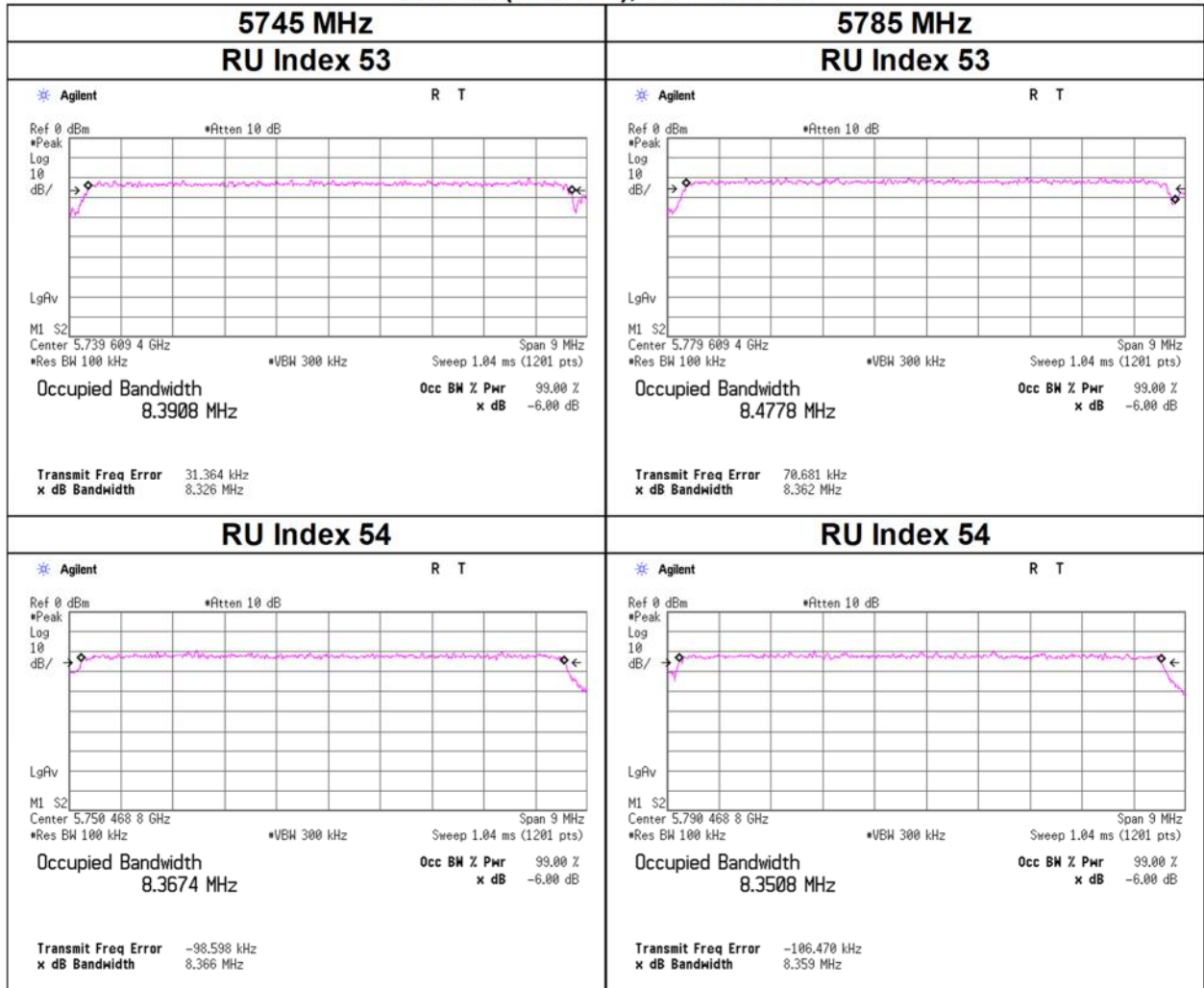


RU Index 40



6 dB Bandwidth

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

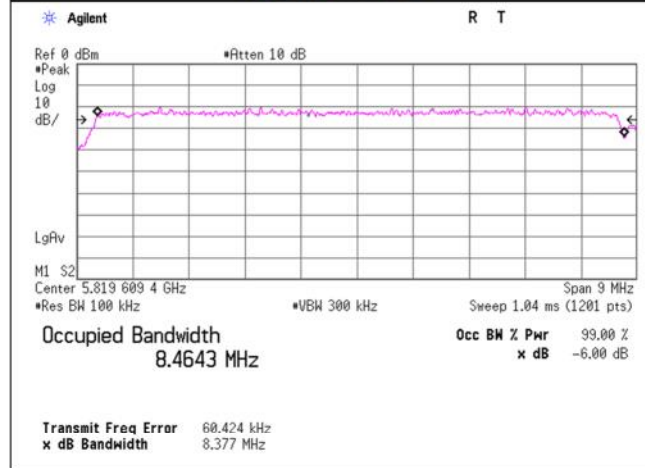


6 dB Bandwidth

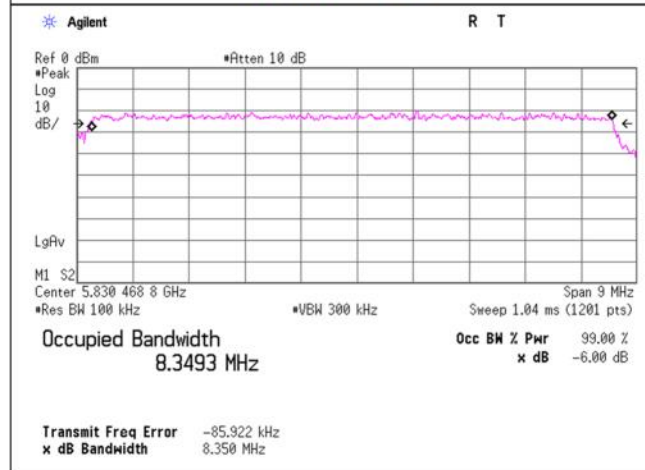
11ax-20(OFDMA), 106-tone RU

5825 MHz

RU Index 53

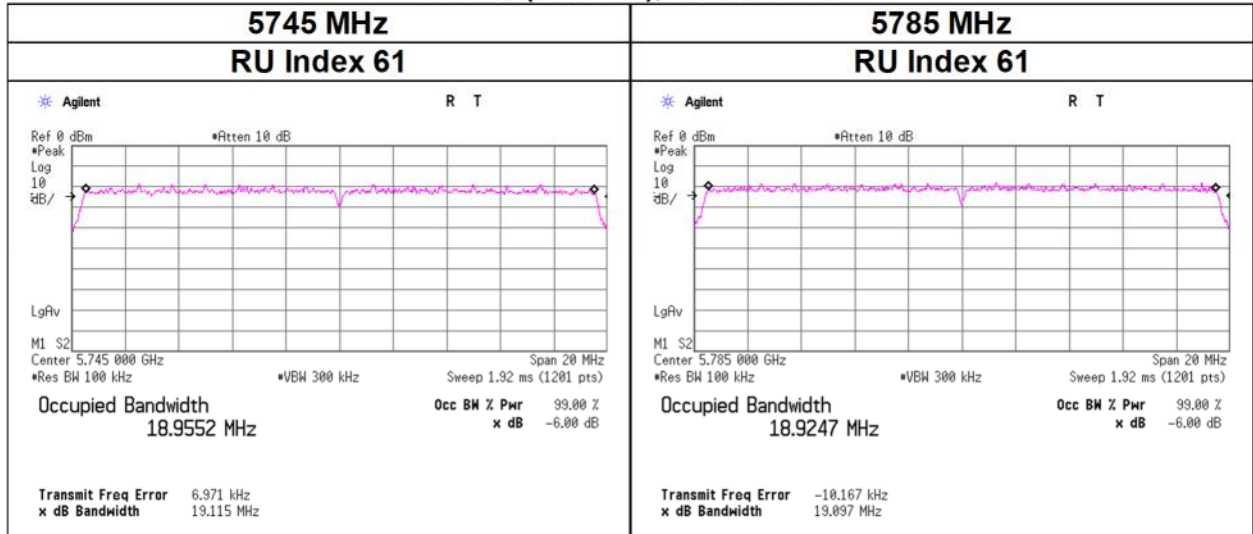


RU Index 54

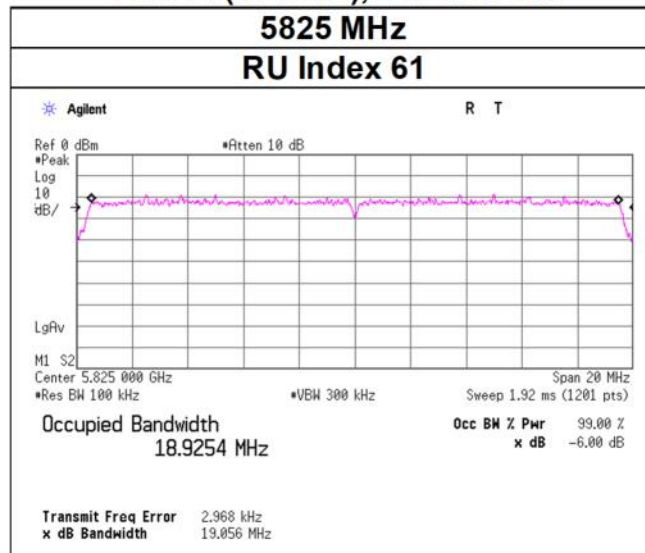


6 dB Bandwidth

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



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



6 dB Bandwidth

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 7, 2023 June 11, 2023
Temperature / Humidity 26 deg. C / 46 % RH 25 deg. C / 52 % RH
Engineer Kenichi Adachi Shiro Kobayashi
Mode Tx

11n-40

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
ANT1	5755	36.513	> 0.500
	5795	36.446	> 0.500

11ac-40

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
ANT1	5755	36.510	> 0.500
	5795	36.430	> 0.500

11ax-40 (OFDM)

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
ANT1	5755	37.802	> 0.500
	5795	37.519	> 0.500

6 dB Bandwidth

Test place Shonan EMC Lab. No.5 Shielded Room
Date January 22, 2024
Temperature / Humidity 23 deg. C / 31 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-40 (OFDMA)

11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
26-tone RU	5755	0	1.986	> 0.500
		8	2.057	> 0.500
		17	2.010	> 0.500
	5795	0	2.032	> 0.500
		8	2.074	> 0.500
		17	1.999	> 0.500

11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
52-tone RU	5755	37	4.030	> 0.500
		40	4.761	> 0.500
		44	4.047	> 0.500
	5795	37	4.042	> 0.500
		40	4.776	> 0.500
		44	4.088	> 0.500

11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
106-tone RU	5755	53	8.235	> 0.500
		54	8.537	> 0.500
		56	8.081	> 0.500
	5795	53	8.214	> 0.500
		54	8.569	> 0.500
		56	8.247	> 0.500

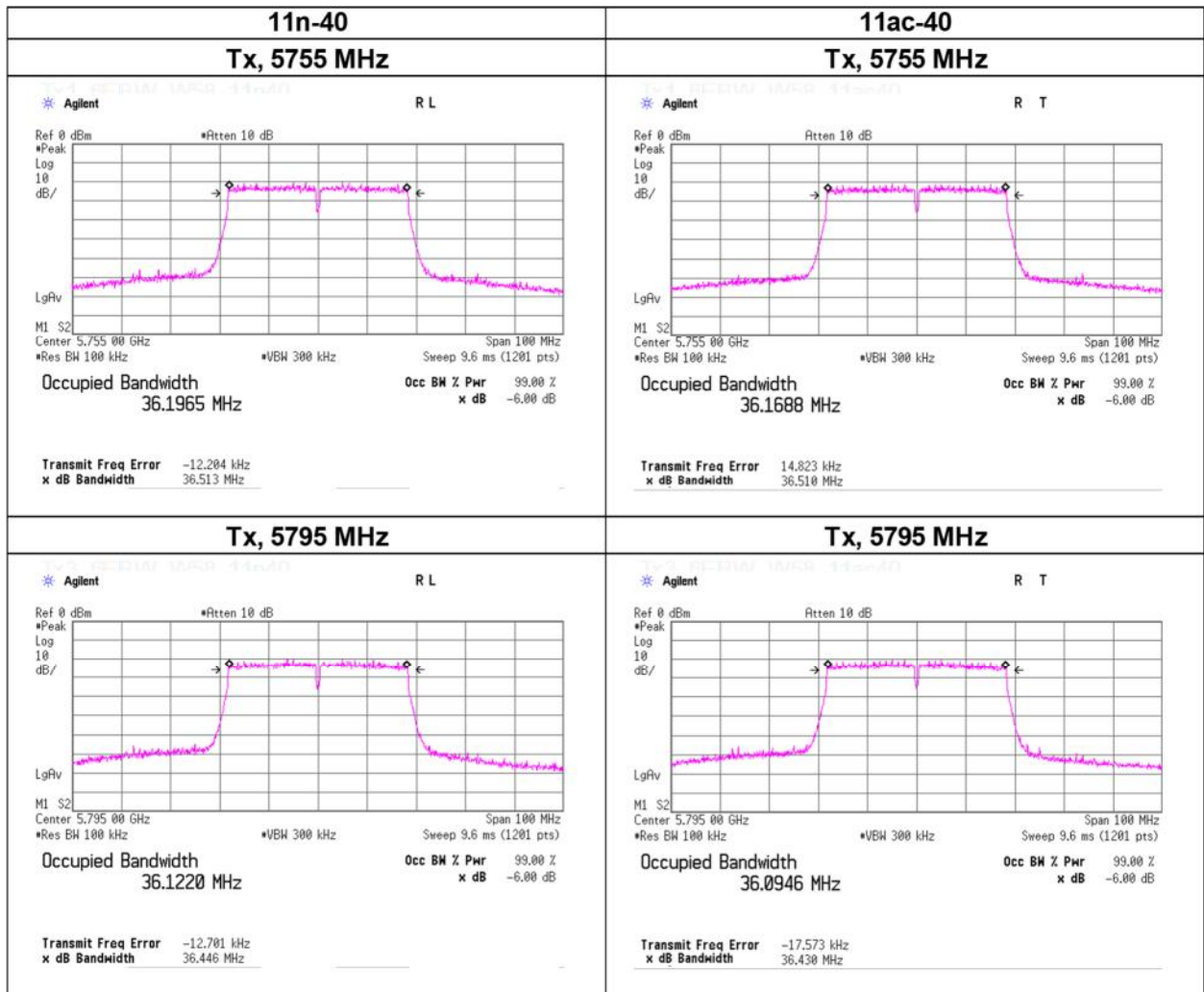
11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
242-tone RU	5755	61	18.768	> 0.500
		62	18.779	> 0.500
	5795	61	18.607	> 0.500
		62	18.690	> 0.500

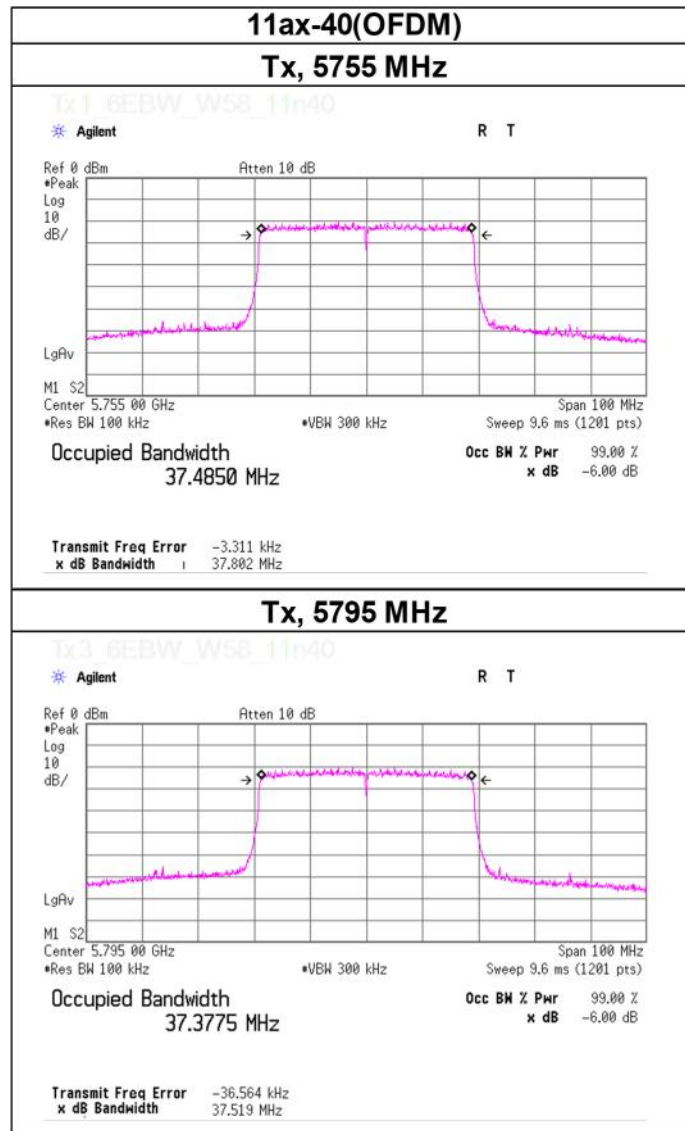
11ax-40(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
484-tone RU	5755	65	37.883	> 0.500
	5795	65	37.657	> 0.500

6 dB Bandwidth

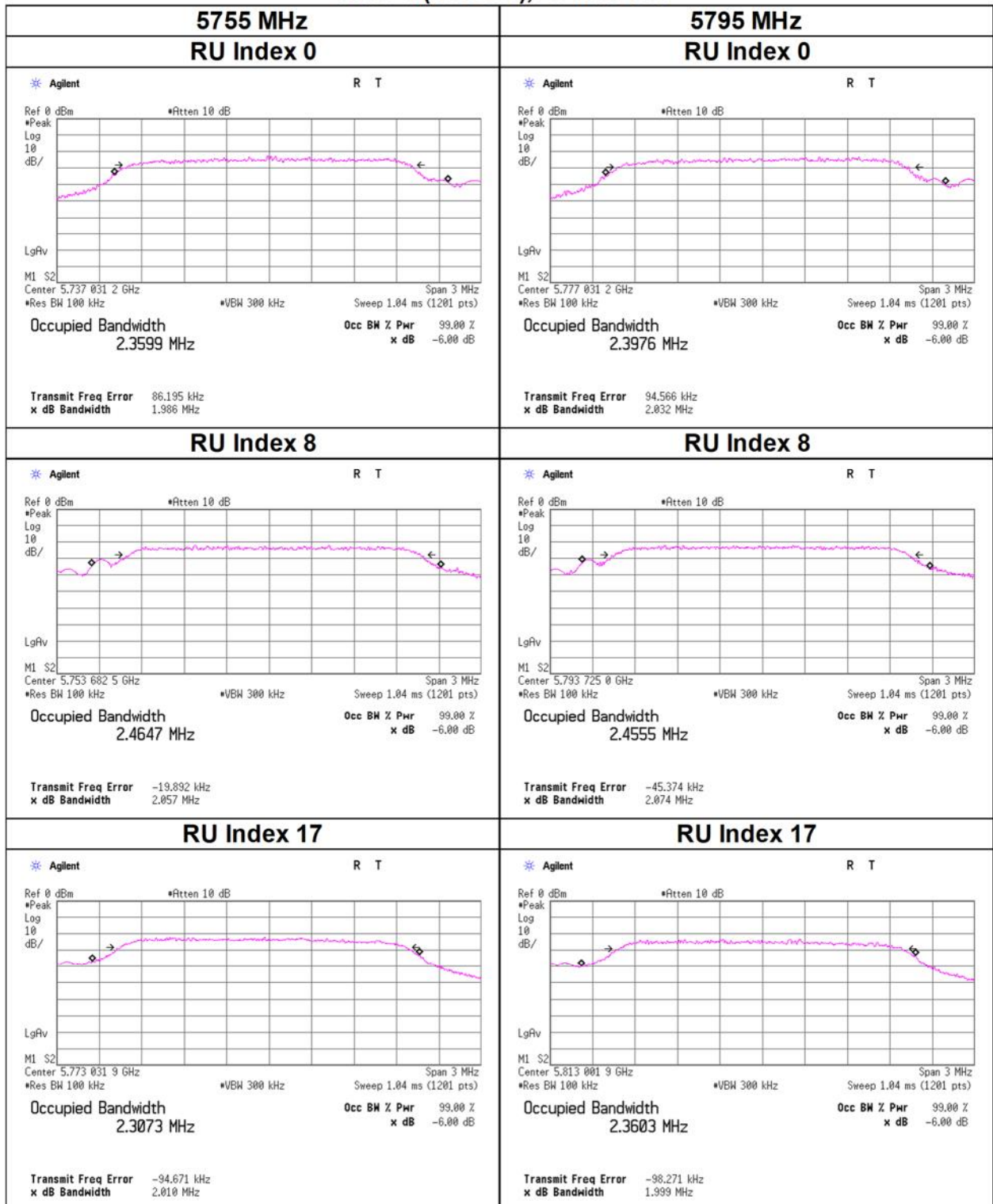


6 dB Bandwidth



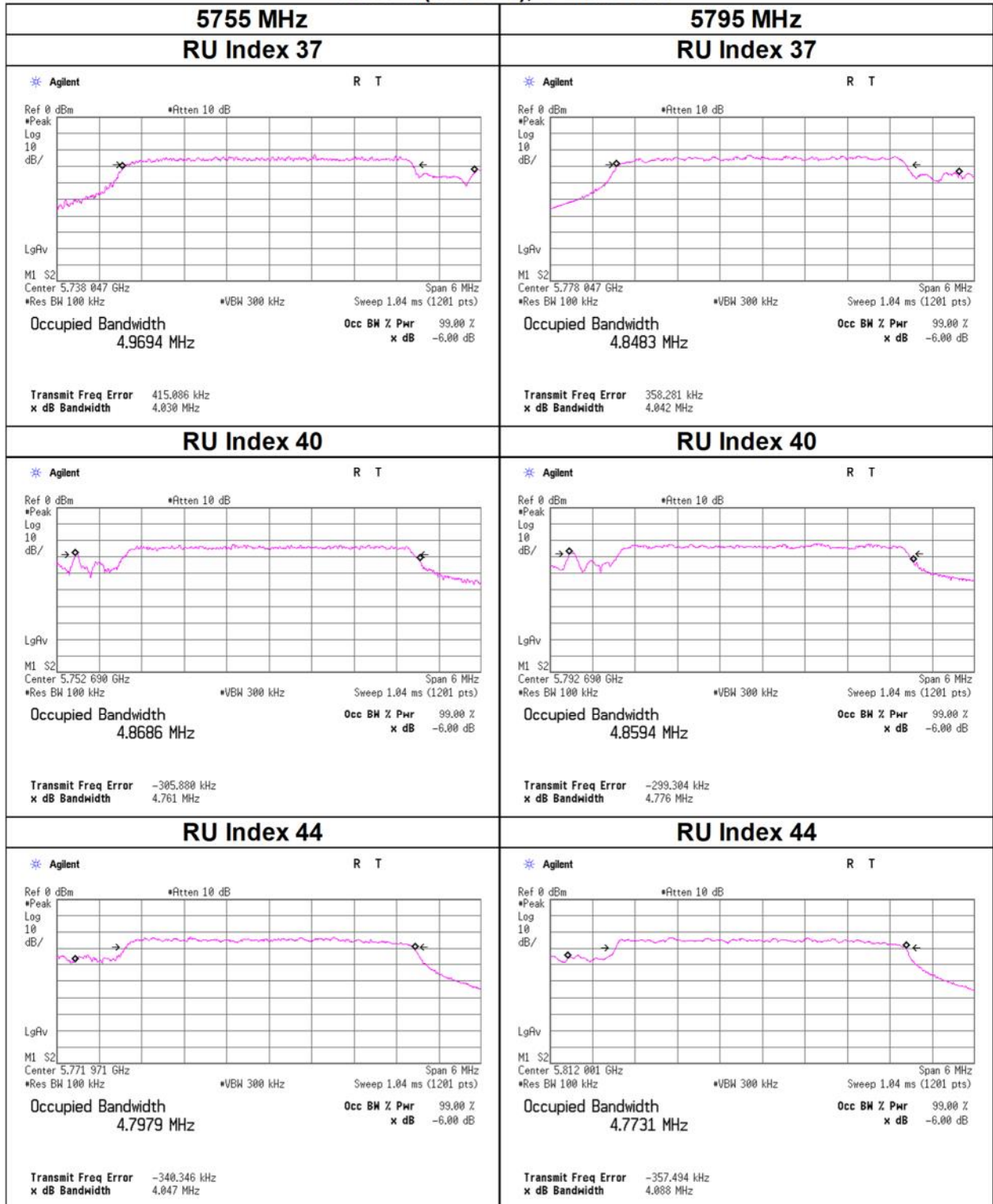
6 dB Bandwidth

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



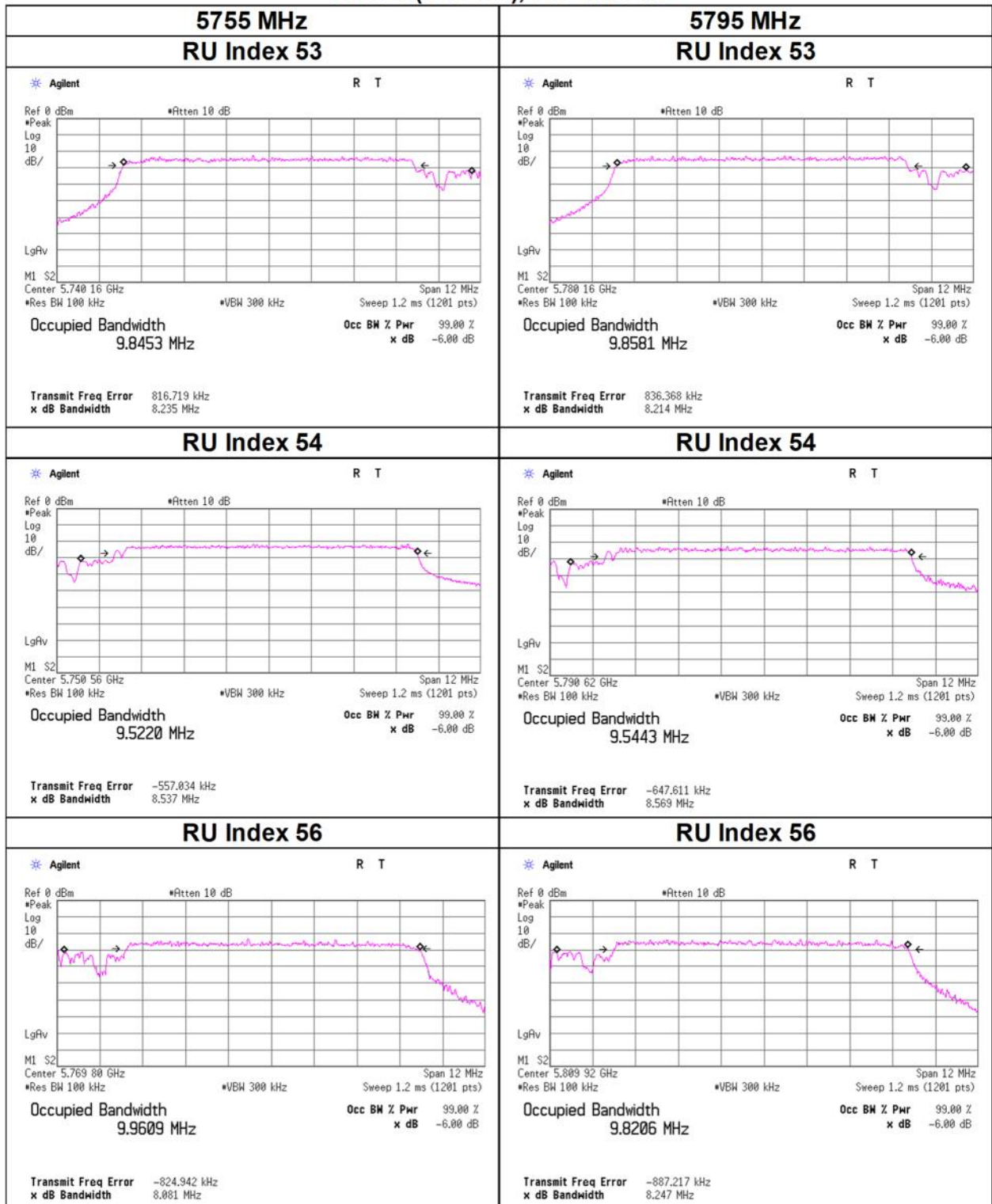
6 dB Bandwidth

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



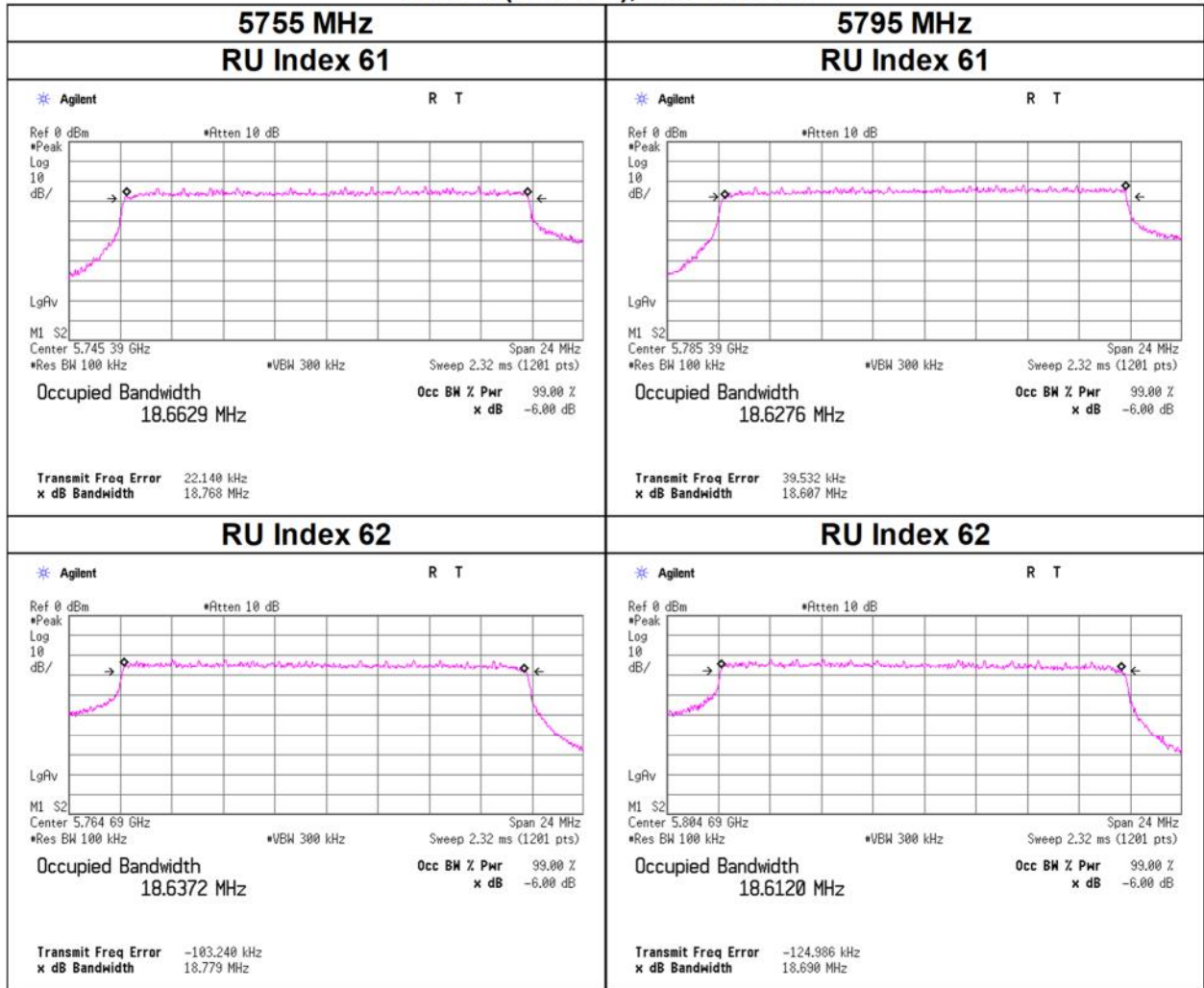
6 dB Bandwidth

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



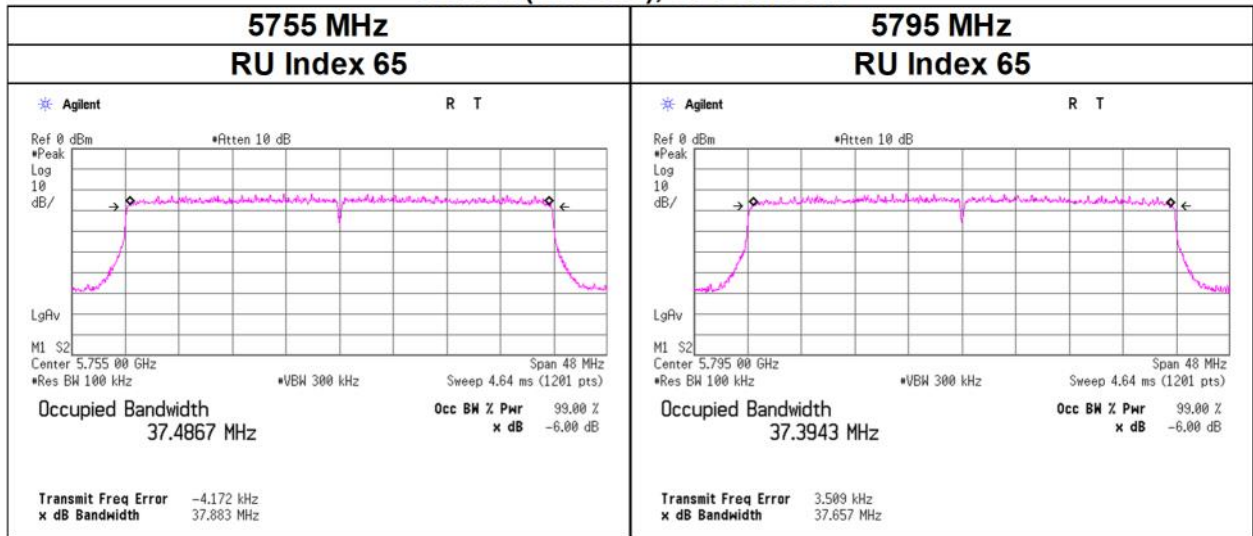
6 dB Bandwidth

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



6 dB Bandwidth

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



6 dB Bandwidth

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023
Temperature / Humidity 25 deg. C / 52 % RH
Engineer Shiro Kobayashi
Mode Tx

11ac-80

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
ANT1	5775	76.450	> 0.500

11ax-80 (OFDM)

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
ANT1	5775	77.503	> 0.500

6 dB Bandwidth

Test place Shonan EMC Lab. No.5 Shielded Room
Date January 23, 2024
Temperature / Humidity 22 deg. C / 35 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-80(OFDMA)

11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
26-tone RU	5775	0	1.996	> 0.500
		18	2.632	> 0.500
		36	1.921	> 0.500

11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
52-tone RU	5775	37	4.099	> 0.500
		44	4.079	> 0.500
		52	4.045	> 0.500

11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
106-tone RU	5775	53	8.200	> 0.500
		56	8.292	> 0.500
		60	8.182	> 0.500

11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
242-tone RU	5775	61	18.811	> 0.500
		62	18.910	> 0.500
		64	18.849	> 0.500

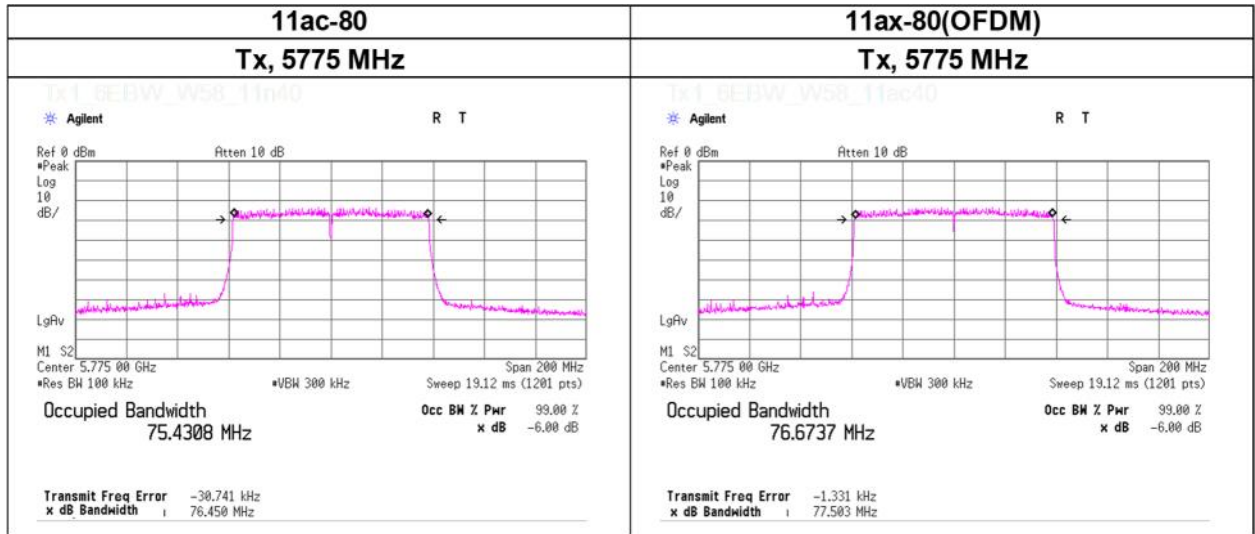
11ax-80(OFDMA)

RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
484-tone RU	5775	65	37.728	> 0.500
		66	37.608	> 0.500

11ax-80(OFDMA)

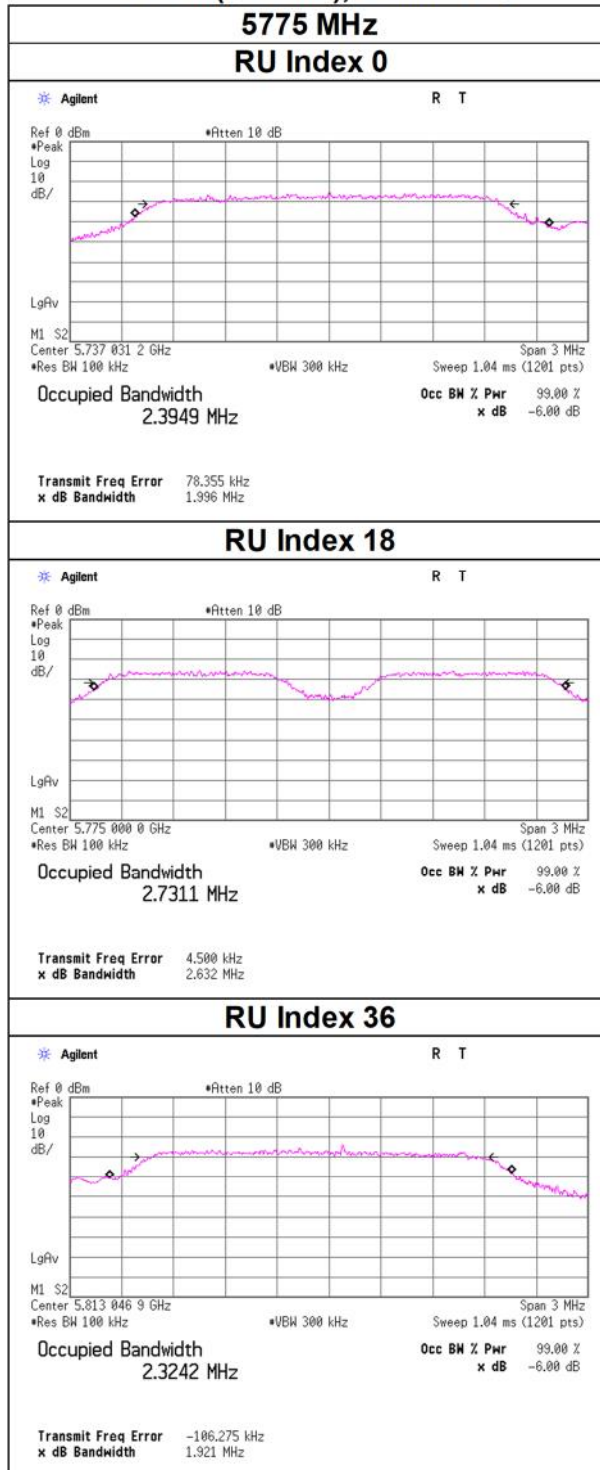
RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
996-tone RU	5775	67	77.876	> 0.500

6 dB Bandwidth

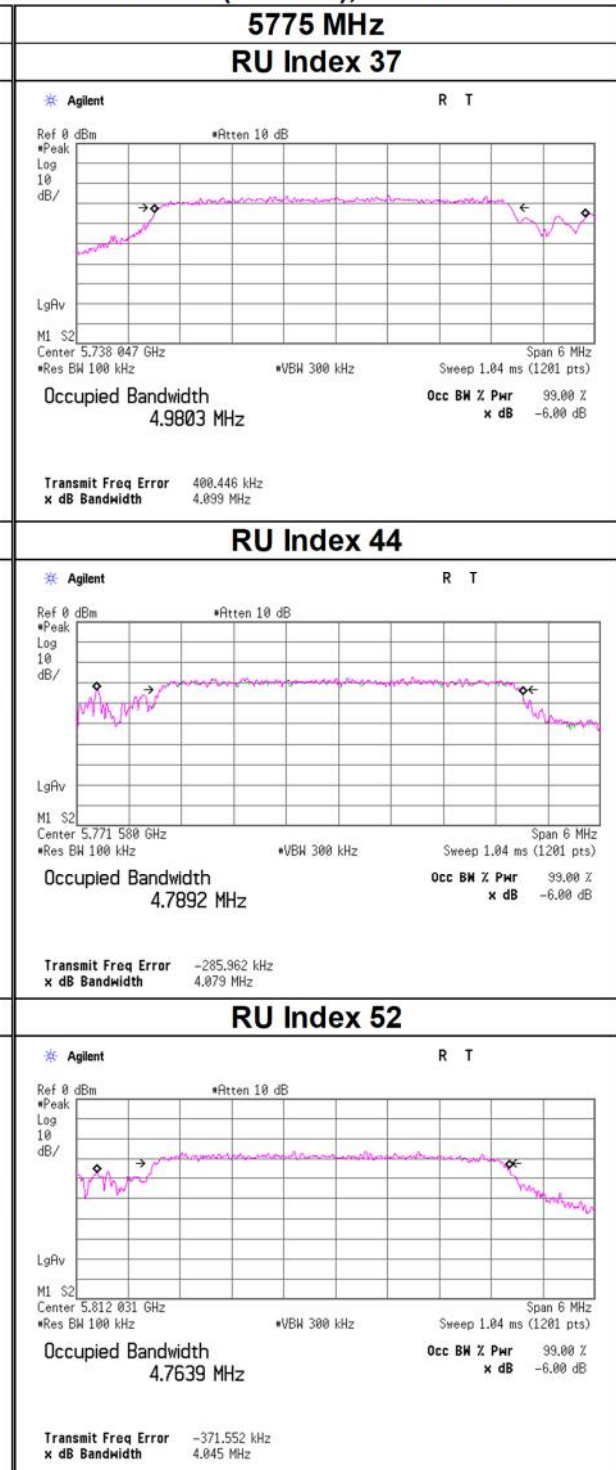


6 dB Bandwidth

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

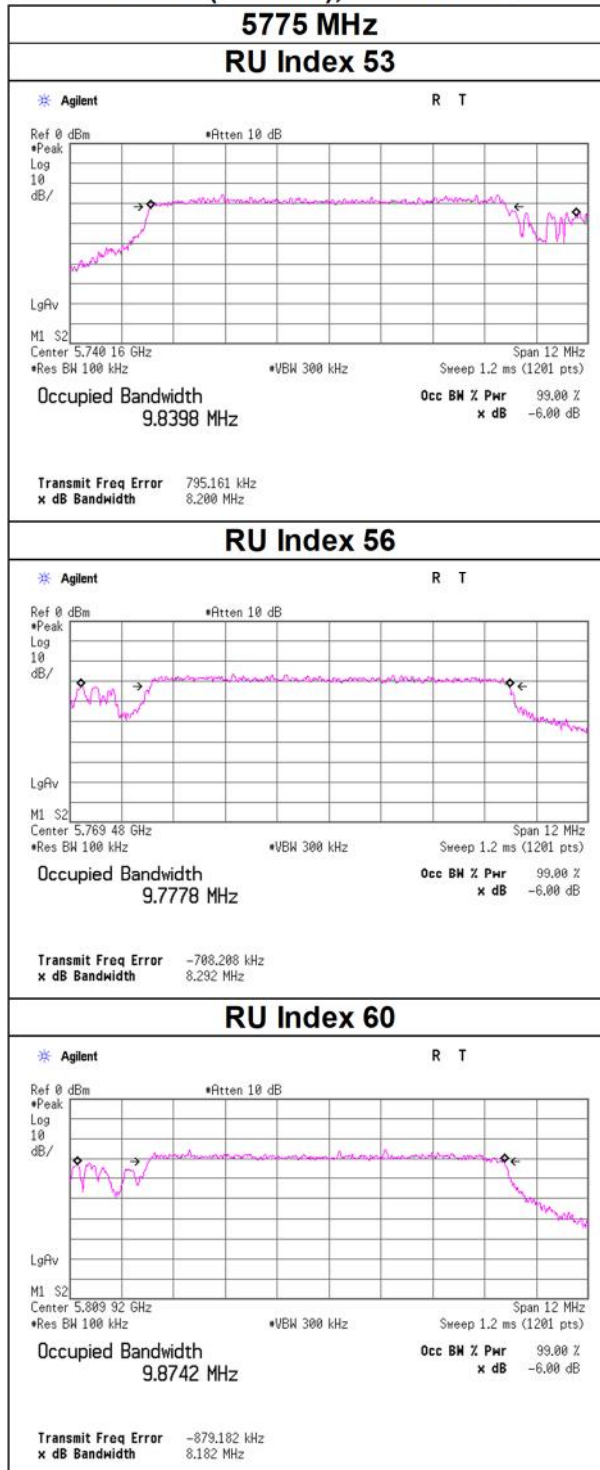


11ax-80(OFDMA), 52-tone RU

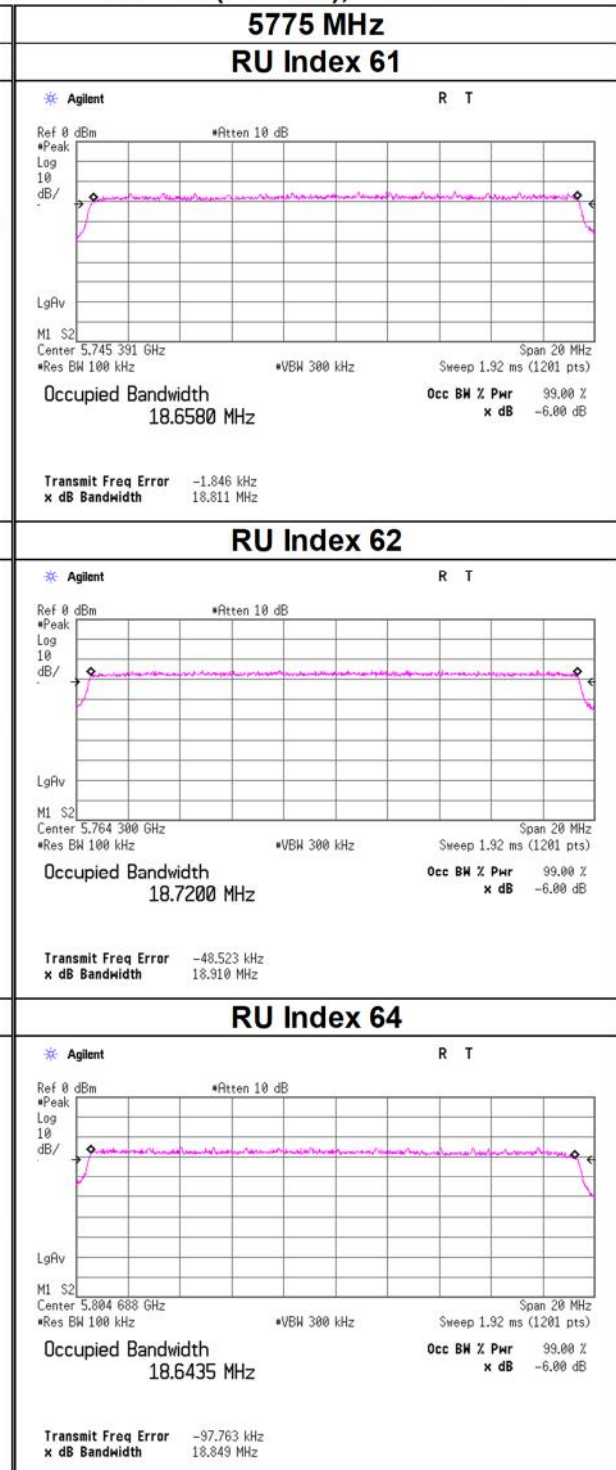


6 dB Bandwidth

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

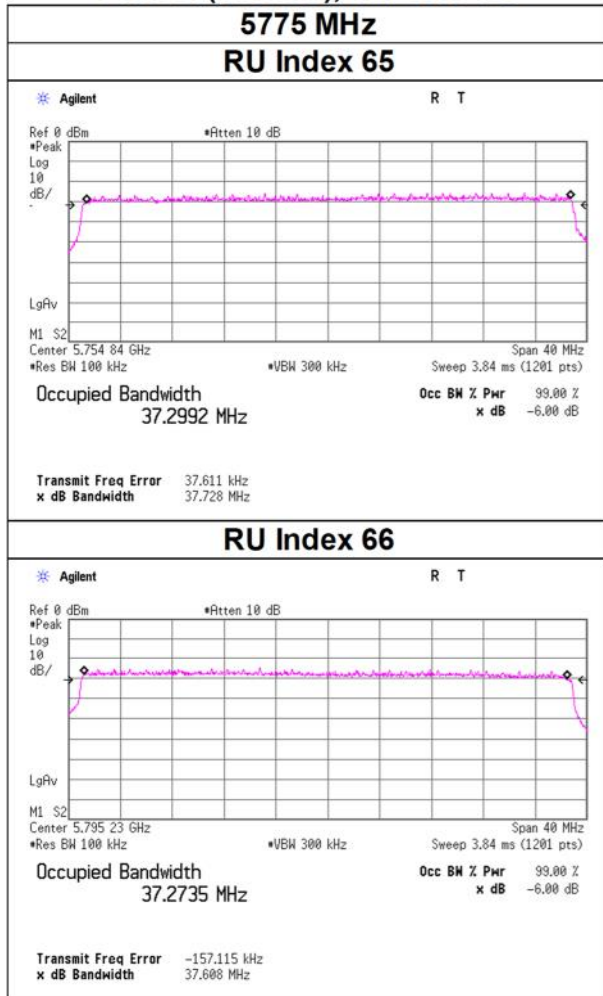


11ax-80(OFDMA), 242-tone RU

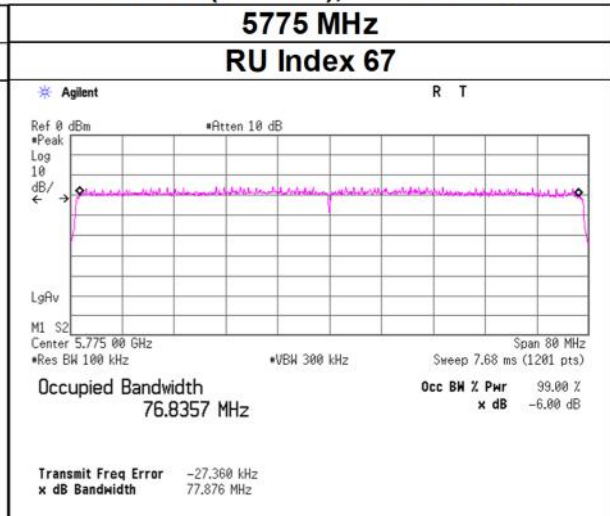


6 dB Bandwidth

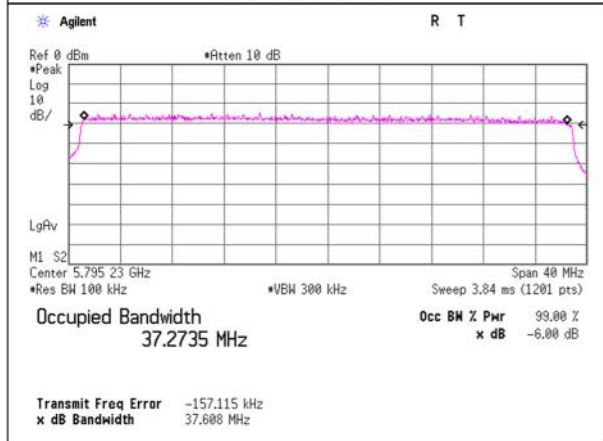
11ax-80(OFDMA), 484-tone RU



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



RU Index 66



Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room
Date May 31, 2023 July 10, 2023
Temperature / Humidity 25 deg. C / 48 % RH 25 deg. C / 40 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11a

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW [MHz]	99% OBW [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]			
5180	-	17.140	3.75	5.30	9.05	9.56	23.97	14.41	12.25	17.30	29.54	14.70	29.97	15.27
5220	-	17.064	3.66	5.55	9.21	9.64	23.97	14.33	11.97	18.11	30.08	14.78	29.97	15.19
5240	-	17.170	3.94	5.45	9.39	9.73	23.97	14.24	12.88	17.78	30.67	14.87	29.97	15.10
5260	21.387	17.157	3.88	5.43	9.31	9.69	23.97	14.28	12.68	17.74	30.42	14.83	29.97	15.14
5300	21.364	17.193	3.51	5.21	8.72	9.40	23.97	14.57	11.46	17.02	28.48	14.54	29.97	15.43
5320	21.243	17.168	3.42	5.19	8.61	9.35	23.97	14.62	11.17	16.94	28.11	14.49	29.97	15.48
5500	21.249	17.159	7.14	10.38	17.52	12.44	23.97	11.53	16.11	23.39	39.49	15.97	29.97	14.00
5580	21.405	17.140	6.92	10.28	17.20	12.35	23.97	11.62	15.60	23.17	38.77	15.88	29.97	14.09
5700	21.345	17.163	6.93	9.84	16.77	12.25	23.97	11.72	15.63	22.18	37.81	15.78	29.97	14.19
5745	-	17.192	2.82	4.57	7.39	8.69	30.00	21.31	5.69	9.23	14.91	11.74	36.00	24.26
5785	-	17.117	2.81	4.52	7.32	8.65	30.00	21.35	5.66	9.12	14.78	11.70	36.00	24.30
5825	-	17.004	2.84	4.25	7.09	8.51	30.00	21.49	5.74	8.57	14.31	11.56	36.00	24.44

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]	[dBm]
5180	0.00	-7.28	3.04	9.98	5.14	5.74	10.88	-5.91	3.06	10.09	5.14	7.24	12.38
5220	0.00	-7.39	3.05	9.98	5.14	5.64	10.78	-5.72	3.07	10.09	5.14	7.44	12.58
5240	0.00	-7.08	3.06	9.98	5.14	5.96	11.10	-5.81	3.08	10.09	5.14	7.36	12.50
5260	0.00	-7.15	3.06	9.98	5.14	5.89	11.03	-5.82	3.08	10.09	5.14	7.35	12.49
5300	0.00	-7.60	3.07	9.98	5.14	5.45	10.59	-6.01	3.09	10.09	5.14	7.17	12.31
5320	0.00	-7.72	3.08	9.98	5.14	5.34	10.48	-6.04	3.10	10.09	5.14	7.15	12.29
5500	0.00	-4.58	3.14	9.98	3.53	8.54	12.07	-3.09	3.16	10.09	3.53	10.16	13.69
5580	0.00	-4.74	3.16	9.98	3.53	8.40	11.93	-3.15	3.18	10.09	3.53	10.12	13.65
5700	0.00	-4.76	3.19	9.98	3.53	8.41	11.94	-3.37	3.21	10.09	3.53	9.93	13.46
5745	0.00	-8.68	3.20	9.98	3.05	4.50	7.55	-6.71	3.22	10.09	3.05	6.60	9.65
5785	0.00	-8.71	3.21	9.98	3.05	4.48	7.53	-6.78	3.23	10.10	3.05	6.55	9.60
5825	0.00	-8.67	3.23	9.98	3.05	4.54	7.59	-7.07	3.25	10.10	3.05	6.28	9.33

Sample Calculation:

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

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

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

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

* 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 May 31, 2023 July 10, 2023
Temperature / Humidity 25 deg. C / 48 % RH 25 deg. C / 40 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11n-20

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]
5180	-	18.113	3.96	5.04	9.00	9.54	23.97	14.43	12.94	16.44	29.39	14.68	29.97	15.29
5220	-	18.084	3.79	5.21	9.01	9.54	23.97	14.43	12.39	17.02	29.41	14.68	29.97	15.29
5240	-	18.101	4.07	5.09	9.17	9.62	23.97	14.35	13.30	16.63	29.94	14.76	29.97	15.21
5260	21.442	18.123	4.05	5.77	9.81	9.92	23.97	14.05	13.21	18.84	32.05	15.06	29.97	14.91
5300	21.373	18.128	3.78	5.60	9.38	9.72	23.97	14.25	12.36	18.28	30.64	14.86	29.97	15.11
5320	21.393	18.158	3.49	5.43	8.92	9.51	23.97	14.46	11.40	17.74	29.14	14.65	29.97	15.32
5500	21.507	18.105	7.03	10.94	17.97	12.55	23.97	11.42	15.85	24.66	40.51	16.08	29.97	13.89
5580	21.744	18.143	6.79	10.57	17.36	12.40	23.97	11.57	15.31	23.82	39.13	15.93	29.97	14.04
5700	21.694	18.112	6.85	10.23	17.09	12.33	23.97	11.64	15.45	23.07	38.52	15.86	29.97	14.11
5745	-	18.142	2.68	4.33	7.00	8.45	30.00	21.55	5.41	8.73	14.14	11.50	36.00	24.50
5785	-	18.107	2.66	4.20	6.86	8.36	30.00	21.64	5.37	8.47	13.84	11.41	36.00	24.59
5825	-	18.146	2.79	4.62	7.41	8.70	30.00	21.30	5.62	9.33	14.96	11.75	36.00	24.25

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]
5180	0.00	-7.04	3.04	9.98	5.14	5.98	11.12	-6.13	3.06	10.09	5.14	7.02	12.16
5220	0.00	-7.24	3.05	9.98	5.14	5.79	10.93	-5.99	3.07	10.09	5.14	7.17	12.31
5240	0.00	-6.94	3.06	9.98	5.14	6.10	11.24	-6.10	3.08	10.09	5.14	7.07	12.21
5260	0.00	-6.97	3.06	9.98	5.14	6.07	11.21	-5.56	3.08	10.09	5.14	7.61	12.75
5300	0.00	-7.27	3.07	9.98	5.14	5.78	10.92	-5.70	3.09	10.09	5.14	7.48	12.62
5320	0.00	-7.63	3.08	9.98	5.14	5.43	10.57	-5.84	3.10	10.09	5.14	7.35	12.49
5500	0.00	-4.65	3.14	9.98	3.53	8.47	12.00	-2.86	3.16	10.09	3.53	10.39	13.92
5580	0.00	-4.82	3.16	9.98	3.53	8.32	11.85	-3.03	3.18	10.09	3.53	10.24	13.77
5700	0.00	-4.81	3.19	9.98	3.53	8.36	11.89	-3.20	3.21	10.09	3.53	10.10	13.63
5745	0.00	-8.90	3.20	9.98	3.05	4.28	7.33	-6.95	3.22	10.09	3.05	6.36	9.41
5785	0.00	-8.94	3.21	9.98	3.05	4.25	7.30	-7.10	3.23	10.10	3.05	6.23	9.28
5825	0.00	-8.76	3.23	9.98	3.05	4.45	7.50	-6.70	3.25	10.10	3.05	6.65	9.70

Sample Calculation:

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

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

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

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

* 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 June 1, 2023 July 11, 2023
Temperature / Humidity 26 deg. C / 40 % RH 24 deg. C / 42 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11ac-20

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5180	-	18.134	3.61	5.22	8.84	9.46	23.97	14.51	11.80	17.06	28.86	14.60	29.97	15.37
5220	-	18.097	3.63	5.46	9.09	9.58	23.97	14.39	11.86	17.82	29.68	14.72	29.97	15.25
5240	-	18.116	3.60	5.83	9.43	9.75	23.97	14.22	11.75	19.05	30.80	14.89	29.97	15.08
5260	21.453	18.124	4.03	5.77	9.79	9.91	23.97	14.06	13.15	18.84	31.99	15.05	29.97	14.92
5300	21.451	18.147	3.69	5.55	9.24	9.65	23.97	14.32	12.05	18.11	30.16	14.79	29.97	15.18
5320	21.485	18.105	3.48	5.41	8.89	9.49	23.97	14.48	11.38	17.66	29.04	14.63	29.97	15.34
5500	21.371	18.130	6.98	10.69	17.67	12.47	23.97	11.50	15.74	24.10	39.84	16.00	29.97	13.97
5580	21.268	18.115	6.71	10.14	16.85	12.27	23.97	11.70	15.14	22.86	37.99	15.80	29.97	14.17
5700	21.339	18.117	6.78	10.28	17.06	12.32	23.97	11.65	15.28	23.17	38.45	15.85	29.97	14.12
5745	-	18.140	2.70	4.32	7.01	8.46	30.00	21.54	5.45	8.71	14.15	11.51	36.00	24.49
5785	-	18.118	2.94	4.25	7.19	8.57	30.00	21.43	5.94	8.57	14.51	11.62	36.00	24.38
5825	-	18.084	2.70	4.47	7.16	8.55	30.00	21.45	5.45	9.02	14.46	11.60	36.00	24.40

		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]
5180	0.00	-7.44	3.04	9.98	5.14	5.58	10.72	-5.97	3.06	10.09	5.14	7.18	12.32
5220	0.00	-7.43	3.05	9.98	5.14	5.60	10.74	-5.79	3.07	10.09	5.14	7.37	12.51
5240	0.00	-7.48	3.06	9.98	5.14	5.56	10.70	-5.51	3.08	10.09	5.14	7.66	12.80
5260	0.00	-6.99	3.06	9.98	5.14	6.05	11.19	-5.56	3.08	10.09	5.14	7.61	12.75
5300	0.00	-7.38	3.07	9.98	5.14	5.67	10.81	-5.74	3.09	10.09	5.14	7.44	12.58
5320	0.00	-7.64	3.08	9.98	5.14	5.42	10.56	-5.86	3.10	10.09	5.14	7.33	12.47
5500	0.00	-4.68	3.14	9.98	3.53	8.44	11.97	-2.96	3.16	10.09	3.53	10.29	13.82
5580	0.00	-4.87	3.16	9.98	3.53	8.27	11.80	-3.21	3.18	10.09	3.53	10.06	13.59
5700	0.00	-4.86	3.19	9.98	3.53	8.31	11.84	-3.18	3.21	10.09	3.53	10.12	13.65
5745	0.00	-8.87	3.20	9.98	3.05	4.31	7.36	-6.96	3.22	10.09	3.05	6.35	9.40
5785	0.00	-8.50	3.21	9.98	3.05	4.69	7.74	-7.05	3.23	10.10	3.05	6.28	9.33
5825	0.00	-8.90	3.23	9.98	3.05	4.31	7.36	-6.85	3.25	10.10	3.05	6.50	9.55

Sample Calculation:

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

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

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

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

* 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 June 1, 2023 July 11, 2023
Temperature / Humidity 26 deg. C / 40 % RH 24 deg. C / 42 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11ax-20 (OFDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5180	-	19.212	3.72	5.53	9.26	9.66	23.97	14.31	12.16	18.07	30.23	14.80	29.97	15.17	
5220	-	19.188	4.00	5.65	9.65	9.84	23.97	14.13	13.06	18.45	31.51	14.98	29.97	14.99	
5240	-	19.151	3.85	5.62	9.48	9.77	23.97	14.20	12.59	18.37	30.95	14.91	29.97	15.06	
5260	21.719	19.200	4.30	6.22	10.52	10.22	23.97	13.75	14.03	20.32	34.35	15.36	29.97	14.61	
5300	21.577	19.178	4.06	5.93	9.98	9.99	23.97	13.98	13.24	19.36	32.61	15.13	29.97	14.84	
5320	21.717	19.203	3.74	6.03	9.77	9.90	23.97	14.07	12.22	19.68	31.90	15.04	29.97	14.93	
5500	21.430	19.198	7.62	11.19	18.82	12.75	23.97	11.22	17.18	25.23	42.41	16.28	29.97	13.69	
5580	21.538	19.198	7.35	10.79	18.13	12.59	23.97	11.38	16.56	24.32	40.88	16.12	29.97	13.85	
5700	21.762	19.150	7.00	10.50	17.49	12.43	23.97	11.54	15.78	23.66	39.44	15.96	29.97	14.01	
5745	-	19.200	2.88	4.59	7.47	8.73	30.00	21.27	5.81	9.27	15.08	11.78	36.00	24.22	
5785	-	19.154	3.18	4.58	7.76	8.90	30.00	21.10	6.41	9.25	15.66	11.95	36.00	24.05	
5825	-	19.246	2.90	4.75	7.66	8.84	30.00	21.16	5.86	9.59	15.46	11.89	36.00	24.11	

ANT0								ANT1							
Tested Frequency [MHz]	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]		
5180	0.00	-7.31	3.04	9.98	5.14	5.71	10.85	-5.72	3.06	10.09	5.14	7.43	12.57		
5220	0.00	-7.01	3.05	9.98	5.14	6.02	11.16	-5.64	3.07	10.09	5.14	7.52	12.66		
5240	0.00	-7.18	3.06	9.98	5.14	5.86	11.00	-5.67	3.08	10.09	5.14	7.50	12.64		
5260	0.00	-6.71	3.06	9.98	5.14	6.33	11.47	-5.23	3.08	10.09	5.14	7.94	13.08		
5300	0.00	-6.97	3.07	9.98	5.14	6.08	11.22	-5.45	3.09	10.09	5.14	7.73	12.87		
5320	0.00	-7.33	3.08	9.98	5.14	5.73	10.87	-5.39	3.10	10.09	5.14	7.80	12.94		
5500	0.00	-4.30	3.14	9.98	3.53	8.82	12.35	-2.76	3.16	10.09	3.53	10.49	14.02		
5580	0.00	-4.48	3.16	9.98	3.53	8.66	12.19	-2.94	3.18	10.09	3.53	10.33	13.86		
5700	0.00	-4.72	3.19	9.98	3.53	8.45	11.98	-3.09	3.21	10.09	3.53	10.21	13.74		
5745	0.00	-8.59	3.20	9.98	3.05	4.59	7.64	-6.69	3.22	10.09	3.05	6.62	9.67		
5785	0.00	-8.17	3.21	9.98	3.05	5.02	8.07	-6.72	3.23	10.10	3.05	6.61	9.66		
5825	0.00	-8.58	3.23	9.98	3.05	4.63	7.68	-6.58	3.25	10.10	3.05	6.77	9.82		

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 26-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5180	0	-	18.496	0.27	0.47	0.74	-1.33	23.97	25.30	0.88	1.52	2.40	3.81	29.97	26.16
	4	-	17.107	0.35	0.51	0.87	-0.62	23.97	24.59	1.16	1.67	2.83	4.52	29.97	25.45
	8	-	18.735	0.31	0.53	0.84	-0.76	23.97	24.73	1.01	1.73	2.74	4.38	29.97	25.59
5220	0	-	18.508	0.38	0.55	0.93	-0.32	23.97	24.29	1.24	1.80	3.03	4.82	29.97	25.15
	4	-	17.098	0.34	0.59	0.92	-0.34	23.97	24.31	1.10	1.91	3.02	4.80	29.97	25.17
	8	-	18.753	0.32	0.55	0.87	-0.61	23.97	24.58	1.04	1.79	2.83	4.53	29.97	25.44
5240	0	-	18.499	0.34	0.54	0.87	-0.58	23.97	24.55	1.10	1.76	2.85	4.56	29.97	25.41
	4	-	17.090	0.37	0.58	0.95	-0.23	23.97	24.20	1.19	1.90	3.10	4.91	29.97	25.06
	8	-	18.748	0.34	0.52	0.87	-0.61	23.97	24.58	1.12	1.71	2.84	4.53	29.97	25.44
5260	0	19.767	18.486	0.33	0.55	0.88	-0.56	23.95	24.51	1.08	1.79	2.87	4.58	29.97	25.39
	4	18.019	17.083	0.36	0.58	0.94	-0.27	23.55	23.82	1.19	1.88	3.07	4.87	29.97	25.10
	8	19.837	18.725	0.33	0.49	0.82	-0.84	23.97	24.81	1.09	1.60	2.69	4.30	29.97	25.67
5300	0	19.651	18.479	0.36	0.51	0.88	-0.57	23.93	24.50	1.19	1.68	2.86	4.57	29.97	25.40
	4	18.036	17.080	0.39	0.56	0.95	-0.21	23.56	23.77	1.28	1.84	3.11	4.93	29.97	25.04
	8	19.749	18.504	0.36	0.52	0.88	-0.55	23.95	24.50	1.19	1.69	2.88	4.59	29.97	25.38
5320	0	19.737	18.486	0.32	0.53	0.85	-0.68	23.95	24.63	1.05	1.74	2.79	4.46	29.97	25.51
	4	18.057	17.005	0.36	0.53	0.89	-0.50	23.56	24.06	1.16	1.75	2.91	4.64	29.97	25.33
	8	19.675	18.705	0.34	0.52	0.86	-0.66	23.93	24.59	1.10	1.70	2.80	4.48	29.97	25.49

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]
5180	0	0.00	-18.72	3.04	9.98	5.14	-5.70	-0.56	-16.46	3.06	10.09	5.14	-3.31	1.83
	4	0.00	-17.52	3.04	9.98	5.14	-4.50	0.64	-16.06	3.06	10.09	5.14	-2.91	2.23
	8	0.00	-18.10	3.04	9.98	5.14	-5.08	0.06	-15.91	3.06	10.09	5.14	-2.76	2.38
5220	0	0.00	-17.25	3.05	9.98	5.14	-4.22	0.92	-15.75	3.07	10.09	5.14	-2.59	2.55
	4	0.00	-17.74	3.05	9.98	5.14	-4.71	0.43	-15.48	3.07	10.09	5.14	-2.32	2.82
	8	0.00	-18.00	3.05	9.98	5.14	-4.97	0.17	-15.76	3.07	10.09	5.14	-2.60	2.54
5240	0	0.00	-17.78	3.06	9.98	5.14	-4.74	0.40	-15.86	3.08	10.09	5.14	-2.69	2.45
	4	0.00	-17.41	3.06	9.98	5.14	-4.37	0.77	-15.52	3.08	10.09	5.14	-2.35	2.79
	8	0.00	-17.67	3.06	9.98	5.14	-4.63	0.51	-15.97	3.08	10.09	5.14	-2.80	2.34
5260	0	0.00	-17.86	3.06	9.98	5.14	-4.82	0.32	-15.77	3.08	10.09	5.14	-2.60	2.54
	4	0.00	-17.43	3.06	9.98	5.14	-4.39	0.75	-15.56	3.08	10.09	5.14	-2.39	2.75
	8	0.00	-17.79	3.06	9.98	5.14	-4.75	0.39	-16.28	3.08	10.09	5.14	-3.11	2.03
5300	0	0.00	-17.45	3.07	9.98	5.14	-4.40	0.74	-16.07	3.09	10.09	5.14	-2.89	2.25
	4	0.00	-17.13	3.07	9.98	5.14	-4.08	1.06	-15.68	3.09	10.09	5.14	-2.50	2.64
	8	0.00	-17.45	3.07	9.98	5.14	-4.40	0.74	-16.03	3.09	10.09	5.14	-2.85	2.29
5320	0	0.00	-17.97	3.08	9.98	5.14	-4.91	0.23	-15.93	3.10	10.09	5.14	-2.74	2.40
	4	0.00	-17.54	3.08	9.98	5.14	-4.48	0.66	-15.91	3.10	10.09	5.14	-2.72	2.42
	8	0.00	-17.78	3.08	9.98	5.14	-4.72	0.42	-16.02	3.10	10.09	5.14	-2.83	2.31

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 26-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5500	0	19.755	18.506	0.60	1.02	1.62	2.10	23.95	21.85	1.36	2.30	3.65	5.63	29.97	24.34
	4	18.081	16.969	0.72	1.04	1.77	2.47	23.57	21.10	1.63	2.35	3.98	6.00	29.97	23.97
	8	19.624	18.553	0.60	0.90	1.50	1.76	23.92	22.16	1.36	2.02	3.38	5.29	29.97	24.68
5580	0	19.757	18.533	0.65	1.01	1.66	2.20	23.95	21.75	1.46	2.28	3.74	5.73	29.97	24.24
	4	18.059	16.995	0.69	1.03	1.71	2.34	23.56	21.22	1.55	2.32	3.86	5.87	29.97	24.10
	8	19.733	18.736	0.66	1.03	1.69	2.28	23.95	21.67	1.50	2.31	3.81	5.81	29.97	24.16
5700	0	19.713	18.523	0.65	0.82	1.47	1.68	23.94	22.26	1.46	1.86	3.32	5.21	29.97	24.76
	4	18.064	16.993	0.65	0.86	1.52	1.81	23.56	21.75	1.47	1.95	3.42	5.34	29.97	24.63
	8	19.675	18.561	0.61	0.79	1.40	1.47	23.93	22.46	1.38	1.78	3.16	5.00	29.97	24.97
5745	0	-	18.561	0.26	0.44	0.70	-1.53	30.00	31.53	0.52	0.90	1.42	1.52	36.00	34.48
	4	-	17.010	0.26	0.46	0.73	-1.39	30.00	31.39	0.53	0.93	1.46	1.66	36.00	34.34
	8	-	18.574	0.24	0.44	0.68	-1.68	30.00	31.68	0.48	0.89	1.37	1.37	36.00	34.63
5785	0	-	18.526	0.23	0.41	0.65	-1.90	30.00	31.90	0.47	0.83	1.30	1.15	36.00	34.85
	4	-	16.971	0.24	0.41	0.66	-1.83	30.00	31.83	0.49	0.83	1.32	1.22	36.00	34.78
	8	-	18.565	0.28	0.39	0.67	-1.74	30.00	31.74	0.56	0.79	1.35	1.31	36.00	34.69
5825	0	-	18.530	0.25	0.40	0.66	-1.83	30.00	31.83	0.51	0.81	1.32	1.22	36.00	34.78
	4	-	16.970	0.26	0.44	0.70	-1.57	30.00	31.57	0.52	0.88	1.41	1.48	36.00	34.52
	8	-	18.546	0.24	0.40	0.64	-1.94	30.00	31.94	0.48	0.81	1.29	1.11	36.00	34.89

			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]
5500	0	0.00	-15.32	3.14	9.98	3.53	-2.20	1.33	-13.17	3.16	10.09	3.53	0.08	3.61
	4	0.00	-14.53	3.14	9.98	3.53	-1.41	2.12	-13.07	3.16	10.09	3.53	0.18	3.71
	8	0.00	-15.33	3.14	9.98	3.53	-2.21	1.32	-13.72	3.16	10.09	3.53	-0.47	3.06
5580	0	0.00	-15.02	3.16	9.98	3.53	-1.88	1.65	-13.22	3.18	10.09	3.53	0.05	3.58
	4	0.00	-14.78	3.16	9.98	3.53	-1.64	1.89	-13.15	3.18	10.09	3.53	0.12	3.65
	8	0.00	-14.92	3.16	9.98	3.53	-1.78	1.75	-13.16	3.18	10.09	3.53	0.11	3.64
5700	0	0.00	-15.06	3.19	9.98	3.53	-1.89	1.64	-14.14	3.21	10.09	3.53	-0.84	2.69
	4	0.00	-15.02	3.19	9.98	3.53	-1.85	1.68	-13.94	3.21	10.09	3.53	-0.64	2.89
	8	0.00	-15.31	3.19	9.98	3.53	-2.14	1.39	-14.32	3.21	10.09	3.53	-1.02	2.51
5745	0	0.00	-19.06	3.20	9.98	3.05	-5.88	-2.83	-16.83	3.22	10.09	3.05	-3.52	-0.47
	4	0.00	-18.98	3.20	9.98	3.05	-5.80	-2.75	-16.66	3.22	10.09	3.05	-3.35	-0.30
	8	0.00	-19.39	3.20	9.98	3.05	-6.21	-3.16	-16.87	3.22	10.09	3.05	-3.56	-0.51
5785	0	0.00	-19.48	3.21	9.98	3.05	-6.29	-3.24	-17.19	3.23	10.10	3.05	-3.86	-0.81
	4	0.00	-19.34	3.21	9.98	3.05	-6.15	-3.10	-17.17	3.23	10.10	3.05	-3.84	-0.79
	8	0.00	-18.74	3.21	9.98	3.05	-5.55	-2.50	-17.40	3.23	10.10	3.05	-4.07	-1.02
5825	0	0.00	-19.18	3.23	9.98	3.05	-5.97	-2.92	-17.30	3.25	10.10	3.05	-3.95	-0.90
	4	0.00	-19.08	3.23	9.98	3.05	-5.87	-2.82	-16.94	3.25	10.10	3.05	-3.59	-0.54
	8	0.00	-19.45	3.23	9.98	3.05	-6.24	-3.19	-17.30	3.25	10.10	3.05	-3.95	-0.90

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 52-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5180	37	-	18.348	0.72	0.86	1.59	2.01	23.97	21.96	2.37	2.82	5.18	7.15	29.97	22.82
	38	-	17.028	0.77	1.11	1.88	2.74	23.97	21.23	2.51	3.62	6.13	7.88	29.97	22.09
	49	-	18.429	0.71	1.02	1.72	2.37	23.97	21.60	2.31	3.33	5.63	7.51	29.97	22.46
5220	37	-	18.368	0.71	1.10	1.82	2.59	23.97	21.38	2.32	3.61	5.93	7.73	29.97	22.24
	38	-	17.023	0.73	1.11	1.84	2.65	23.97	21.32	2.38	3.64	6.02	7.79	29.97	22.18
	49	-	18.432	0.70	1.06	1.76	2.46	23.97	21.51	2.30	3.45	5.75	7.60	29.97	22.37
5240	37	-	18.362	0.71	1.05	1.76	2.45	23.97	21.52	2.32	3.42	5.74	7.59	29.97	22.38
	38	-	17.022	0.75	1.08	1.83	2.63	23.97	21.34	2.45	3.54	5.99	7.77	29.97	22.20
	49	-	18.441	0.72	1.02	1.74	2.41	23.97	21.56	2.36	3.33	5.69	7.55	29.97	22.42
5260	37	19.949	18.339	0.62	1.07	1.70	2.29	23.97	21.68	2.04	3.50	5.54	7.43	29.97	22.54
	38	18.388	17.006	0.66	1.15	1.81	2.58	23.64	21.06	2.16	3.75	5.91	7.72	29.97	22.25
	49	19.883	18.418	0.62	0.95	1.58	1.97	23.97	22.00	2.03	3.11	5.14	7.11	29.97	22.86
5300	37	19.937	18.320	0.62	0.90	1.52	1.83	23.97	22.14	2.03	2.95	4.98	6.97	29.97	23.00
	38	18.257	17.027	0.66	0.94	1.60	2.04	23.61	21.57	2.16	3.07	5.23	7.18	29.97	22.79
	49	19.846	18.439	0.70	0.89	1.60	2.03	23.97	21.94	2.30	2.92	5.21	7.17	29.97	22.80
5320	37	20.063	18.358	0.64	0.91	1.54	1.89	23.97	22.08	2.08	2.96	5.04	7.03	29.97	22.94
	38	18.335	17.009	0.67	0.91	1.58	1.98	23.63	21.65	2.20	2.96	5.16	7.12	29.97	22.85
	49	19.912	18.422	0.69	1.00	1.69	2.28	23.97	21.69	2.26	3.26	5.52	7.42	29.97	22.55

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]
5180	37	0.00	-14.42	3.04	9.98	5.14	-1.40	3.74	-13.79	3.06	10.09	5.14	-0.64	4.50
	38	0.00	-14.16	3.04	9.98	5.14	-1.14	4.00	-12.70	3.06	10.09	5.14	0.45	5.59
	49	0.00	-14.53	3.04	9.98	5.14	-1.51	3.63	-13.07	3.06	10.09	5.14	0.08	5.22
5220	37	0.00	-14.51	3.05	9.98	5.14	-1.48	3.66	-12.73	3.07	10.09	5.14	0.43	5.57
	38	0.00	-14.41	3.05	9.98	5.14	-1.38	3.76	-12.69	3.07	10.09	5.14	0.47	5.61
	49	0.00	-14.55	3.05	9.98	5.14	-1.52	3.62	-12.92	3.07	10.09	5.14	0.24	5.38
5240	37	0.00	-14.53	3.06	9.98	5.14	-1.49	3.65	-12.97	3.08	10.09	5.14	0.20	5.34
	38	0.00	-14.29	3.06	9.98	5.14	-1.25	3.89	-12.82	3.08	10.09	5.14	0.35	5.49
	49	0.00	-14.45	3.06	9.98	5.14	-1.41	3.73	-13.08	3.08	10.09	5.14	0.09	5.23
5260	37	0.00	-15.09	3.06	9.98	5.14	-2.05	3.09	-12.87	3.08	10.09	5.14	0.30	5.44
	38	0.00	-14.83	3.06	9.98	5.14	-1.79	3.35	-12.57	3.08	10.09	5.14	0.60	5.74
	49	0.00	-15.10	3.06	9.98	5.14	-2.06	3.08	-13.38	3.08	10.09	5.14	-0.21	4.93
5300	37	0.00	-15.12	3.07	9.98	5.14	-2.07	3.07	-13.62	3.09	10.09	5.14	-0.44	4.70
	38	0.00	-14.85	3.07	9.98	5.14	-1.80	3.34	-13.45	3.09	10.09	5.14	-0.27	4.87
	49	0.00	-14.58	3.07	9.98	5.14	-1.53	3.61	-13.67	3.09	10.09	5.14	-0.49	4.65
5320	37	0.00	-15.01	3.08	9.98	5.14	-1.95	3.19	-13.62	3.10	10.09	5.14	-0.43	4.71
	38	0.00	-14.78	3.08	9.98	5.14	-1.72	3.42	-13.62	3.10	10.09	5.14	-0.43	4.71
	49	0.00	-14.65	3.08	9.98	5.14	-1.59	3.55	-13.20	3.10	10.09	5.14	-0.01	5.13

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 52-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5500	37	20.050	18.378	1.19	1.85	3.04	4.83	23.97	19.14	2.69	4.16	6.85	8.36	29.97	21.61
	38	18.334	17.029	1.22	1.79	3.02	4.80	23.63	18.83	2.76	4.05	6.81	8.33	29.97	21.64
	40	19.984	18.424	1.24	1.78	3.02	4.80	23.97	19.17	2.79	4.02	6.81	8.33	29.97	21.64
5580	37	20.081	18.379	1.18	2.02	3.20	5.05	23.97	18.92	2.65	4.56	7.21	8.58	29.97	21.39
	38	18.452	17.019	1.34	1.81	3.14	4.97	23.66	18.69	3.01	4.07	7.09	8.50	29.97	21.47
	40	19.949	18.414	1.24	1.70	2.94	4.68	23.97	19.29	2.80	3.83	6.63	8.21	29.97	21.76
5700	37	20.503	18.479	1.19	1.75	2.95	4.70	23.97	19.27	2.69	3.95	6.65	8.23	29.97	21.74
	38	18.352	17.022	1.19	1.78	2.96	4.72	23.63	18.91	2.67	4.01	6.68	8.25	29.97	21.72
	40	20.054	18.422	1.12	1.69	2.81	4.49	23.97	19.48	2.52	3.82	6.34	8.02	29.97	21.95
5745	37	-	18.404	0.52	0.80	1.32	1.22	30.00	28.78	1.06	1.61	2.67	4.27	36.00	31.73
	38	-	17.036	0.55	0.81	1.36	1.34	30.00	28.66	1.12	1.63	2.75	4.39	36.00	31.61
	40	-	18.408	0.53	0.80	1.33	1.23	30.00	28.77	1.07	1.61	2.68	4.28	36.00	31.72
5785	37	-	18.382	0.53	0.76	1.30	1.13	30.00	28.87	1.08	1.54	2.62	4.18	36.00	31.82
	38	-	17.005	0.56	0.80	1.36	1.33	30.00	28.67	1.12	1.62	2.74	4.38	36.00	31.62
	40	-	18.403	0.53	0.76	1.29	1.12	30.00	28.88	1.07	1.54	2.61	4.17	36.00	31.83
5825	37	-	18.377	0.52	0.78	1.30	1.14	30.00	28.86	1.06	1.57	2.62	4.19	36.00	31.81
	38	-	17.015	0.57	0.83	1.40	1.46	30.00	28.54	1.14	1.68	2.83	4.51	36.00	31.49
	40	-	18.406	0.54	0.78	1.32	1.21	30.00	28.79	1.09	1.57	2.67	4.26	36.00	31.74

			ANT0						ANT1					
Tested Frequency	RU Index	Duty Factor	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	e.i.r.p.	Power Meter Reading	Cable Loss	Atten. Loss	Antenna Gain	Result Cond. Power	e.i.r.p.
[MHz]		[dB]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]	[dBm]	[dB]	[dB]	[dBi]	[dBm]	[dBm]
5500	37	0.00	-12.35	3.14	9.98	3.53	0.77	4.30	-10.59	3.16	10.09	3.53	2.66	6.19
	38	0.00	-12.24	3.14	9.98	3.53	0.88	4.41	-10.71	3.16	10.09	3.53	2.54	6.07
	40	0.00	-12.19	3.14	9.98	3.53	0.93	4.46	-10.74	3.16	10.09	3.53	2.51	6.04
5580	37	0.00	-12.43	3.16	9.98	3.53	0.71	4.24	-10.21	3.18	10.09	3.53	3.06	6.59
	38	0.00	-11.88	3.16	9.98	3.53	1.26	4.79	-10.70	3.18	10.09	3.53	2.57	6.10
	40	0.00	-12.20	3.16	9.98	3.53	0.94	4.47	-10.97	3.18	10.09	3.53	2.30	5.83
5700	37	0.00	-12.40	3.19	9.98	3.53	0.77	4.30	-10.86	3.21	10.09	3.53	2.44	5.97
	38	0.00	-12.43	3.19	9.98	3.53	0.74	4.27	-10.80	3.21	10.09	3.53	2.50	6.03
	40	0.00	-12.69	3.19	9.98	3.53	0.48	4.01	-11.01	3.21	10.09	3.53	2.29	5.82
5745	37	0.00	-15.99	3.20	9.98	3.05	-2.81	0.24	-14.28	3.22	10.09	3.05	-0.97	2.08
	38	0.00	-15.75	3.20	9.98	3.05	-2.57	0.48	-14.24	3.22	10.09	3.05	-0.93	2.12
	40	0.00	-15.95	3.20	9.98	3.05	-2.77	0.28	-14.28	3.22	10.09	3.05	-0.97	2.08
5785	37	0.00	-15.92	3.21	9.98	3.05	-2.73	0.32	-14.50	3.23	10.10	3.05	-1.17	1.88
	38	0.00	-15.74	3.21	9.98	3.05	-2.55	0.50	-14.29	3.23	10.10	3.05	-0.96	2.09
	40	0.00	-15.95	3.21	9.98	3.05	-2.76	0.29	-14.50	3.23	10.10	3.05	-1.17	1.88
5825	37	0.00	-16.02	3.23	9.98	3.05	-2.81	0.24	-14.45	3.25	10.10	3.05	-1.10	1.95
	38	0.00	-15.68	3.23	9.98	3.05	-2.47	0.58	-14.14	3.25	10.10	3.05	-0.79	2.26
	40	0.00	-15.88	3.23	9.98	3.05	-2.67	0.38	-14.43	3.25	10.10	3.05	-1.08	1.97

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 106-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [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]			
5180	53	-	18.314	1.34	1.91	3.24	5.11	23.97	18.86	4.37	6.22	10.59	10.25	29.97	19.72
	54	-	18.253	1.36	1.92	3.27	5.15	23.97	18.82	4.43	6.27	10.69	10.29	29.97	19.68
5220	53	-	18.291	1.27	2.06	3.33	5.23	23.97	18.74	4.16	6.73	10.89	10.37	29.97	19.60
	54	-	18.272	1.28	2.12	3.41	5.32	23.97	18.65	4.19	6.93	11.12	10.46	29.97	19.51
5240	53	-	18.295	1.29	2.01	3.30	5.19	23.97	18.78	4.22	6.58	10.79	10.33	29.97	19.64
	54	-	18.275	1.30	2.04	3.34	5.24	23.97	18.73	4.25	6.67	10.91	10.38	29.97	19.59
5260	53	20.304	18.329	1.26	2.11	3.37	5.28	23.97	18.69	4.11	6.90	11.01	10.42	29.97	19.55
	54	19.978	18.265	1.22	2.10	3.32	5.21	23.97	18.76	3.98	6.85	10.84	10.35	29.97	19.62
5300	53	20.233	18.320	1.40	2.02	3.42	5.34	23.97	18.63	4.56	6.61	11.17	10.48	29.97	19.49
	54	19.973	18.253	1.25	2.04	3.29	5.17	23.97	18.80	4.08	6.67	10.75	10.31	29.97	19.66
5320	53	20.407	18.343	1.29	1.98	3.27	5.14	23.97	18.83	4.20	6.47	10.67	10.28	29.97	19.69
	54	20.041	18.255	1.16	1.98	3.15	4.98	23.97	18.99	3.80	6.47	10.27	10.12	29.97	19.85

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]
5180	53	0.00	-11.76	3.04	9.98	5.14	1.26	6.40	-10.35	3.06	10.09	5.14	2.80	7.94
	54	0.00	-11.70	3.04	9.98	5.14	1.32	6.46	-10.32	3.06	10.09	5.14	2.83	7.97
5220	53	0.00	-11.98	3.05	9.98	5.14	1.05	6.19	-10.02	3.07	10.09	5.14	3.14	8.28
	54	0.00	-11.95	3.05	9.98	5.14	1.08	6.22	-9.89	3.07	10.09	5.14	3.27	8.41
5240	53	0.00	-11.93	3.06	9.98	5.14	1.11	6.25	-10.13	3.08	10.09	5.14	3.04	8.18
	54	0.00	-11.90	3.06	9.98	5.14	1.14	6.28	-10.07	3.08	10.09	5.14	3.10	8.24
5260	53	0.00	-12.04	3.06	9.98	5.14	1.00	6.14	-9.92	3.08	10.09	5.14	3.25	8.39
	54	0.00	-12.18	3.06	9.98	5.14	0.86	6.00	-9.95	3.08	10.09	5.14	3.22	8.36
5300	53	0.00	-11.60	3.07	9.98	5.14	1.45	6.59	-10.12	3.09	10.09	5.14	3.06	8.20
	54	0.00	-12.08	3.07	9.98	5.14	0.97	6.11	-10.08	3.09	10.09	5.14	3.10	8.24
5320	53	0.00	-11.97	3.08	9.98	5.14	1.09	6.23	-10.22	3.10	10.09	5.14	2.97	8.11
	54	0.00	-12.40	3.08	9.98	5.14	0.66	5.80	-10.22	3.10	10.09	5.14	2.97	8.11

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 106-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power						e.i.r.p.					
				ANT0	ANT1	Sum	Result	Limit	Margin	ANT0	ANT1	Sum	Result	Limit	Margin
				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5500	53	20.390	18.321	2.33	3.61	5.95	7.74	23.97	16.23	5.26	8.15	13.41	11.27	29.97	18.70
	54	19.990	18.248	2.29	3.54	5.83	7.65	23.97	16.32	5.15	7.98	13.13	11.18	29.97	18.79
5580	53	20.172	18.325	2.40	3.44	5.84	7.67	23.97	16.30	5.41	7.76	13.17	11.20	29.97	18.77
	54	20.017	18.274	2.23	3.47	5.70	7.56	23.97	16.41	5.02	7.82	12.84	11.09	29.97	18.88
5700	53	20.298	18.332	2.32	3.52	5.83	7.66	23.97	16.31	5.22	7.93	13.15	11.19	29.97	18.78
	54	20.074	18.250	2.26	3.48	5.73	7.59	23.97	16.38	5.09	7.83	12.93	11.12	29.97	18.85
5745	53	-	18.321	1.13	1.64	2.77	4.43	30.00	25.57	2.28	3.32	5.60	7.48	36.00	28.52
	54	-	18.240	1.11	1.61	2.72	4.34	30.00	25.66	2.24	3.24	5.48	7.39	36.00	28.61
5785	53	-	18.298	0.98	1.65	2.63	4.21	30.00	25.79	1.98	3.33	5.32	7.26	36.00	28.74
	54	-	18.257	0.96	1.62	2.58	4.12	30.00	25.88	1.94	3.27	5.21	7.17	36.00	28.83
5825	53	-	18.319	1.00	1.66	2.66	4.25	30.00	25.75	2.02	3.35	5.37	7.30	36.00	28.70
	54	-	18.242	1.06	1.64	2.71	4.32	30.00	25.68	2.14	3.32	5.46	7.37	36.00	28.63

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]
5500	53	0.00	-9.44	3.14	9.98	3.53	3.68	7.21	-7.67	3.16	10.09	3.53	5.58	9.11
	54	0.00	-9.53	3.14	9.98	3.53	3.59	7.12	-7.76	3.16	10.09	3.53	5.49	9.02
5580	53	0.00	-9.34	3.16	9.98	3.53	3.80	7.33	-7.90	3.18	10.09	3.53	5.37	8.90
	54	0.00	-9.66	3.16	9.98	3.53	3.48	7.01	-7.87	3.18	10.09	3.53	5.40	8.93
5700	53	0.00	-9.52	3.19	9.98	3.53	3.65	7.18	-7.84	3.21	10.09	3.53	5.46	8.99
	54	0.00	-9.63	3.19	9.98	3.53	3.54	7.07	-7.89	3.21	10.09	3.53	5.41	8.94
5745	53	0.00	-12.65	3.20	9.98	3.05	0.53	3.58	-11.15	3.22	10.09	3.05	2.16	5.21
	54	0.00	-12.73	3.20	9.98	3.05	0.45	3.50	-11.25	3.22	10.09	3.05	2.06	5.11
5785	53	0.00	-13.27	3.21	9.98	3.05	-0.08	2.97	-11.14	3.23	10.09	3.05	2.18	5.23
	54	0.00	-13.37	3.21	9.98	3.05	-0.18	2.87	-11.22	3.23	10.09	3.05	2.10	5.15
5825	53	0.00	-13.21	3.23	9.98	3.05	0.00	3.05	-11.14	3.25	10.09	3.05	2.20	5.25
	54	0.00	-12.95	3.23	9.98	3.05	0.26	3.31	-11.18	3.25	10.09	3.05	2.16	5.21

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-20 (OFDMA) 242-tone RU

ANT0 + ANT1

242-tone RU

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5180	-	19.244	3.23	4.79	8.01	9.04	23.97	14.93	10.54	15.63	26.18	14.18	29.97	15.79
5220	-	19.243	3.57	4.93	8.50	9.30	23.97	14.67	11.67	16.11	27.77	14.44	29.97	15.53
5240	-	19.248	3.10	5.05	8.15	9.11	23.97	14.86	10.14	16.48	26.62	14.25	29.97	15.72
5260	21.622	19.214	3.05	4.76	7.81	8.93	23.97	15.04	9.95	15.56	25.51	14.07	29.97	15.90
5300	21.637	19.243	3.01	4.61	7.63	8.82	23.97	15.15	9.84	15.07	24.91	13.96	29.97	16.01
5320	21.612	19.258	3.04	4.82	7.86	8.95	23.97	15.02	9.93	15.74	25.67	14.09	29.97	15.88
5500	21.768	19.214	4.15	7.01	11.16	10.48	23.97	13.49	9.35	15.81	25.17	14.01	29.97	15.96
5580	21.634	19.218	4.58	7.26	11.84	10.73	23.97	13.24	10.33	16.37	26.70	14.26	29.97	15.71
5700	21.672	19.219	4.45	5.83	10.28	10.12	23.97	13.85	10.02	13.15	23.18	13.65	29.97	16.32
5745	-	19.235	2.33	3.59	5.92	7.73	30.00	22.27	4.71	7.24	11.95	10.78	36.00	25.22
5785	-	19.226	2.47	3.74	6.21	7.93	30.00	22.07	4.98	7.55	12.53	10.98	36.00	25.02
5825	-	19.222	2.51	3.72	6.22	7.94	30.00	22.06	5.06	7.50	12.56	10.99	36.00	25.01

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	
[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]
5180	0.00	-7.93	3.04	9.98	5.14	5.09	10.23	-6.35	3.06	10.09	5.14	6.80	11.94
5220	0.00	-7.50	3.05	9.98	5.14	5.53	10.67	-6.23	3.07	10.09	5.14	6.93	12.07
5240	0.00	-8.12	3.06	9.98	5.14	4.92	10.06	-6.14	3.08	10.09	5.14	7.03	12.17
5260	0.00	-8.20	3.06	9.98	5.14	4.84	9.98	-6.39	3.08	10.09	5.14	6.78	11.92
5300	0.00	-8.26	3.07	9.98	5.14	4.79	9.93	-6.54	3.09	10.09	5.14	6.64	11.78
5320	0.00	-8.23	3.08	9.98	5.14	4.83	9.97	-6.36	3.10	10.09	5.14	6.83	11.97
5500	0.00	-6.94	3.14	9.98	3.53	6.18	9.71	-4.79	3.16	10.09	3.53	8.46	11.99
5580	0.00	-6.53	3.16	9.98	3.53	6.61	10.14	-4.66	3.18	10.09	3.53	8.61	12.14
5700	0.00	-6.69	3.19	9.98	3.53	6.48	10.01	-5.64	3.21	10.09	3.53	7.66	11.19
5745	0.00	-9.50	3.20	9.98	3.05	3.68	6.73	-7.76	3.22	10.09	3.05	5.55	8.60
5785	0.00	-9.27	3.21	9.98	3.05	3.92	6.97	-7.60	3.23	10.10	3.05	5.73	8.78
5825	0.00	-9.22	3.23	9.98	3.05	3.99	7.04	-7.65	3.25	10.10	3.05	5.70	8.75

Sample Calculation:

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

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

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

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

* 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
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.5 Shielded Room
November 24, 2023
24 deg. C / 46 % RH
Yosuke Murakami
Tx 11ax-20 (OFDMA) 26-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5180	0	-	18.496	0.07	0.11	0.18	-7.48	23.97	31.45	0.23	0.35	0.58	-2.34	29.97	32.31
	4	-	17.107	0.08	0.12	0.20	-6.92	23.97	30.89	0.28	0.39	0.66	-1.78	29.97	31.75
	8	-	18.735	0.08	0.11	0.19	-7.26	23.97	31.23	0.26	0.35	0.61	-2.12	29.97	32.09
5220	0	-	18.508	0.08	0.12	0.21	-6.88	23.97	30.85	0.28	0.39	0.67	-1.74	29.97	31.71
	4	-	17.098	0.09	0.13	0.22	-6.63	23.97	30.60	0.30	0.41	0.71	-1.49	29.97	31.46
	8	-	18.753	0.09	0.11	0.19	-7.15	23.97	31.12	0.28	0.35	0.63	-2.01	29.97	31.98
5240	0	-	18.499	0.07	0.10	0.17	-7.69	23.97	31.66	0.24	0.31	0.56	-2.55	29.97	32.52
	4	-	17.090	0.08	0.10	0.18	-7.47	23.97	31.44	0.25	0.33	0.58	-2.33	29.97	32.30
	8	-	18.748	0.07	0.11	0.18	-7.42	23.97	31.39	0.23	0.36	0.59	-2.28	29.97	32.25
5260	0	19.767	18.486	0.07	0.12	0.19	-7.13	23.95	31.08	0.23	0.40	0.63	-1.99	29.97	31.96
	4	18.019	17.083	0.09	0.14	0.22	-6.55	23.55	30.10	0.28	0.44	0.72	-1.41	29.97	31.38
	8	19.837	18.725	0.08	0.11	0.20	-7.05	23.97	31.02	0.27	0.37	0.64	-1.91	29.97	31.88
5300	0	19.651	18.479	0.08	0.12	0.20	-7.09	23.93	31.02	0.25	0.39	0.64	-1.95	29.97	31.92
	4	18.036	17.080	0.09	0.12	0.21	-6.81	23.56	30.37	0.28	0.40	0.68	-1.67	29.97	31.64
	8	19.749	18.504	0.08	0.12	0.20	-7.05	23.95	31.00	0.26	0.38	0.64	-1.91	29.97	31.88
5320	0	19.737	18.486	0.08	0.13	0.21	-6.88	23.95	30.83	0.26	0.41	0.67	-1.74	29.97	31.71
	4	18.057	17.005	0.07	0.13	0.20	-7.01	23.56	30.57	0.23	0.42	0.65	-1.87	29.97	31.84
	8	19.675	18.705	0.07	0.12	0.18	-7.41	23.93	31.34	0.21	0.38	0.59	-2.27	29.97	32.24

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]
5180	0	0.00	-14.51	3.04	0.00	5.14	-11.47	-6.33	-12.75	3.06	0.00	5.14	-9.69	-4.55
	4	0.00	-13.78	3.04	0.00	5.14	-10.74	-5.60	-12.30	3.06	0.00	5.14	-9.24	-4.10
	8	0.00	-13.99	3.04	0.00	5.14	-10.95	-5.81	-12.75	3.06	0.00	5.14	-9.69	-4.55
5220	0	0.00	-13.78	3.05	0.00	5.14	-10.73	-5.59	-12.25	3.07	0.00	5.14	-9.18	-4.04
	4	0.00	-13.43	3.05	0.00	5.14	-10.38	-5.24	-12.07	3.07	0.00	5.14	-9.00	-3.86
	8	0.00	-13.65	3.05	0.00	5.14	-10.60	-5.46	-12.83	3.07	0.00	5.14	-9.76	-4.62
5240	0	0.00	-14.35	3.06	0.00	5.14	-11.29	-6.15	-13.26	3.08	0.00	5.14	-10.18	-5.04
	4	0.00	-14.18	3.06	0.00	5.14	-11.12	-5.98	-13.01	3.08	0.00	5.14	-9.93	-4.79
	8	0.00	-14.62	3.06	0.00	5.14	-11.56	-6.42	-12.62	3.08	0.00	5.14	-9.54	-4.40
5260	0	0.00	-14.55	3.06	0.00	5.14	-11.49	-6.35	-12.19	3.08	0.00	5.14	-9.11	-3.97
	4	0.00	-13.73	3.06	0.00	5.14	-10.67	-5.53	-11.76	3.08	0.00	5.14	-8.68	-3.54
	8	0.00	-13.84	3.06	0.00	5.14	-10.78	-5.64	-12.52	3.08	0.00	5.14	-9.44	-4.30
5300	0	0.00	-14.18	3.07	0.00	5.14	-11.11	-5.97	-12.37	3.09	0.00	5.14	-9.28	-4.14
	4	0.00	-13.72	3.07	0.00	5.14	-10.65	-5.51	-12.22	3.09	0.00	5.14	-9.13	-3.99
	8	0.00	-14.05	3.07	0.00	5.14	-10.98	-5.84	-12.39	3.09	0.00	5.14	-9.30	-4.16
5320	0	0.00	-14.08	3.08	0.00	5.14	-11.00	-5.86	-12.11	3.10	0.00	5.14	-9.01	-3.87
	4	0.00	-14.54	3.08	0.00	5.14	-11.46	-6.32	-12.04	3.10	0.00	5.14	-8.94	-3.80
	8	0.00	-14.91	3.08	0.00	5.14	-11.83	-6.69	-12.45	3.10	0.00	5.14	-9.35	-4.21

Sample Calculation:

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

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

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

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

* 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
Date
Temperature / Humidity
Engineer
Mode

Shonan EMC Lab. No.5 Shielded Room
November 24, 2023
24 deg. C / 46 % RH
Yosuke Murakami
Tx 11ax-20 (OFDMA) 26-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	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]
5500	0	19.755	18.506	0.07	0.12	0.19	-7.17	23.95	31.12	0.16	0.27	0.43	-3.64	29.97	33.61
	4	18.081	16.969	0.08	0.13	0.20	-6.98	23.57	30.55	0.17	0.28	0.45	-3.45	29.97	33.42
	8	19.624	18.553	0.07	0.12	0.19	-7.11	23.92	31.03	0.17	0.27	0.44	-3.58	29.97	33.55
5580	0	19.757	18.533	0.07	0.13	0.20	-6.98	23.95	30.93	0.17	0.28	0.45	-3.45	29.97	33.42
	4	18.059	16.995	0.08	0.12	0.20	-7.06	23.56	30.62	0.17	0.27	0.44	-3.53	29.97	33.50
	8	19.733	18.736	0.07	0.11	0.19	-7.28	23.95	31.23	0.17	0.25	0.42	-3.75	29.97	33.72
5700	0	19.713	18.523	0.07	0.09	0.16	-7.96	23.94	31.90	0.15	0.21	0.36	-4.43	29.97	34.40
	4	18.064	16.993	0.08	0.10	0.18	-7.53	23.56	31.09	0.17	0.23	0.40	-4.00	29.97	33.97
	8	19.675	18.561	0.06	0.10	0.16	-7.87	23.93	31.80	0.14	0.23	0.37	-4.34	29.97	34.31
5745	0	-	18.561	0.08	0.11	0.19	-7.17	30.00	37.17	0.17	0.22	0.39	-4.12	36.00	40.12
	4	-	17.010	0.08	0.12	0.20	-6.88	30.00	36.88	0.17	0.24	0.41	-3.83	36.00	39.83
	8	-	18.574	0.08	0.11	0.19	-7.18	30.00	37.18	0.16	0.22	0.39	-4.13	36.00	40.13
5785	0	-	18.526	0.08	0.12	0.20	-6.98	30.00	36.98	0.16	0.24	0.40	-3.93	36.00	39.93
	4	-	16.971	0.08	0.13	0.22	-6.65	30.00	36.65	0.17	0.27	0.44	-3.60	36.00	39.60
	8	-	18.565	0.08	0.10	0.18	-7.51	30.00	37.51	0.15	0.20	0.36	-4.46	36.00	40.46
5825	0	-	18.530	0.08	0.11	0.20	-7.08	30.00	37.08	0.16	0.23	0.40	-4.03	36.00	40.03
	4	-	16.970	0.08	0.12	0.21	-6.86	30.00	36.86	0.17	0.25	0.42	-3.81	36.00	39.81
	8	-	18.546	0.08	0.11	0.18	-7.37	30.00	37.37	0.16	0.21	0.37	-4.32	36.00	40.32

			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	
							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]
5500	0	0.00	-14.53	3.14	0.00	3.53	-11.39	-7.86	-12.39	3.16	0.00	3.53	-9.23	-5.70
	4	0.00	-14.38	3.14	0.00	3.53	-11.24	-7.71	-12.18	3.16	0.00	3.53	-9.02	-5.49
	8	0.00	-14.42	3.14	0.00	3.53	-11.28	-7.75	-12.37	3.16	0.00	3.53	-9.21	-5.68
5580	0	0.00	-14.41	3.16	0.00	3.53	-11.25	-7.72	-12.19	3.18	0.00	3.53	-9.01	-5.48
	4	0.00	-14.27	3.16	0.00	3.53	-11.11	-7.58	-12.41	3.18	0.00	3.53	-9.23	-5.70
	8	0.00	-14.45	3.16	0.00	3.53	-11.29	-7.76	-12.65	3.18	0.00	3.53	-9.47	-5.94
5700	0	0.00	-14.86	3.19	0.00	3.53	-11.67	-8.14	-13.57	3.21	0.00	3.53	-10.36	-6.83
	4	0.00	-14.43	3.19	0.00	3.53	-11.24	-7.71	-13.14	3.21	0.00	3.53	-9.93	-6.40
	8	0.00	-15.28	3.19	0.00	3.53	-12.09	-8.56	-13.14	3.21	0.00	3.53	-9.93	-6.40
5745	0	0.00	-14.00	3.20	0.00	3.05	-10.80	-7.75	-12.86	3.22	0.00	3.05	-9.64	-6.59
	4	0.00	-13.92	3.20	0.00	3.05	-10.72	-7.67	-12.42	3.22	0.00	3.05	-9.20	-6.15
	8	0.00	-14.16	3.20	0.00	3.05	-10.96	-7.91	-12.75	3.22	0.00	3.05	-9.53	-6.48
5785	0	0.00	-14.13	3.21	0.00	3.05	-10.92	-7.87	-12.45	3.23	0.00	3.05	-9.22	-6.17
	4	0.00	-13.94	3.21	0.00	3.05	-10.73	-7.68	-12.03	3.23	0.00	3.05	-8.80	-5.75
	8	0.00	-14.38	3.21	0.00	3.05	-11.17	-8.12	-13.18	3.23	0.00	3.05	-9.95	-6.90
5825	0	0.00	-14.11	3.23	0.00	3.05	-10.88	-7.83	-12.67	3.25	0.00	3.05	-9.42	-6.37
	4	0.00	-14.00	3.23	0.00	3.05	-10.77	-7.72	-12.38	3.25	0.00	3.05	-9.13	-6.08
	8	0.00	-14.34	3.23	0.00	3.05	-11.11	-8.06	-13.01	3.25	0.00	3.05	-9.76	-6.71

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

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

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

* 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 November 24, 2023
Temperature / Humidity 24 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-20 (OFDMA) 52-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [MHz]	Conducted power						e.i.r.p.					
				Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				ANT0	ANT1	Sum				ANT0	ANT1	Sum			
				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5180	37	-	18.348	0.07	0.11	0.17	-7.62	23.97	31.59	0.22	0.35	0.57	-2.48	29.97	32.45
	38	-	17.028	0.08	0.12	0.20	-6.93	23.97	30.90	0.27	0.39	0.66	-1.79	29.97	31.76
	49	-	18.429	0.08	0.11	0.19	-7.17	23.97	31.14	0.26	0.36	0.63	-2.03	29.97	32.00
5220	37	-	18.368	0.08	0.12	0.20	-7.00	23.97	30.97	0.25	0.40	0.65	-1.86	29.97	31.83
	38	-	17.023	0.08	0.13	0.21	-6.80	23.97	30.77	0.27	0.41	0.68	-1.66	29.97	31.63
	49	-	18.432	0.07	0.11	0.18	-7.46	23.97	31.43	0.24	0.34	0.59	-2.32	29.97	32.29
5240	37	-	18.362	0.07	0.11	0.18	-7.37	23.97	31.34	0.24	0.36	0.60	-2.23	29.97	32.20
	38	-	17.022	0.08	0.12	0.19	-7.11	23.97	31.08	0.25	0.38	0.63	-1.97	29.97	31.94
	49	-	18.441	0.07	0.11	0.18	-7.41	23.97	31.38	0.23	0.36	0.59	-2.27	29.97	32.24
5260	37	19.949	18.339	0.07	0.12	0.19	-7.28	23.97	31.25	0.22	0.39	0.61	-2.14	29.97	32.11
	38	18.388	17.006	0.07	0.12	0.19	-7.21	23.64	30.85	0.23	0.39	0.62	-2.07	29.97	32.04
	49	19.883	18.418	0.07	0.12	0.19	-7.32	23.97	31.29	0.23	0.38	0.60	-2.18	29.97	32.15
5300	37	19.937	18.320	0.08	0.13	0.21	-6.85	23.97	30.82	0.26	0.42	0.68	-1.71	29.97	31.68
	38	18.257	17.027	0.08	0.12	0.20	-7.02	23.61	30.63	0.26	0.38	0.65	-1.88	29.97	31.85
	49	19.846	18.439	0.08	0.12	0.20	-7.08	23.97	31.05	0.25	0.38	0.64	-1.94	29.97	31.91
5320	37	20.063	18.358	0.07	0.12	0.19	-7.20	23.97	31.17	0.23	0.39	0.62	-2.06	29.97	32.03
	38	18.335	17.009	0.07	0.13	0.20	-6.95	23.63	30.58	0.23	0.43	0.66	-1.81	29.97	31.78
	49	19.912	18.422	0.07	0.12	0.18	-7.37	23.97	31.34	0.22	0.38	0.60	-2.23	29.97	32.20

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0						ANT1					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result		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]
5180	37	0.00	-14.83	3.04	0.00	5.14	-11.79	-6.65	-12.77	3.06	0.00	5.14	-9.71	-4.57
	38	0.00	-13.83	3.04	0.00	5.14	-10.79	-5.65	-12.29	3.06	0.00	5.14	-9.23	-4.09
	49	0.00	-13.98	3.04	0.00	5.14	-10.94	-5.80	-12.60	3.06	0.00	5.14	-9.54	-4.40
5220	37	0.00	-14.19	3.05	0.00	5.14	-11.14	-6.00	-12.18	3.07	0.00	5.14	-9.11	-3.97
	38	0.00	-13.93	3.05	0.00	5.14	-10.88	-5.74	-12.03	3.07	0.00	5.14	-8.96	-3.82
	49	0.00	-14.36	3.05	0.00	5.14	-11.31	-6.17	-12.84	3.07	0.00	5.14	-9.77	-4.63
5240	37	0.00	-14.39	3.06	0.00	5.14	-11.33	-6.19	-12.68	3.08	0.00	5.14	-9.60	-4.46
	38	0.00	-14.17	3.06	0.00	5.14	-11.11	-5.97	-12.40	3.08	0.00	5.14	-9.32	-4.18
	49	0.00	-14.59	3.06	0.00	5.14	-11.53	-6.39	-12.61	3.08	0.00	5.14	-9.53	-4.39
5260	37	0.00	-14.68	3.06	0.00	5.14	-11.62	-6.48	-12.35	3.08	0.00	5.14	-9.27	-4.13
	38	0.00	-14.60	3.06	0.00	5.14	-11.54	-6.40	-12.29	3.08	0.00	5.14	-9.21	-4.07
	49	0.00	-14.60	3.06	0.00	5.14	-11.54	-6.40	-12.47	3.08	0.00	5.14	-9.39	-4.25
5300	37	0.00	-14.12	3.07	0.00	5.14	-11.05	-5.91	-12.01	3.09	0.00	5.14	-8.92	-3.78
	38	0.00	-14.00	3.07	0.00	5.14	-10.93	-5.79	-12.38	3.09	0.00	5.14	-9.29	-4.15
	49	0.00	-14.15	3.07	0.00	5.14	-11.08	-5.94	-12.38	3.09	0.00	5.14	-9.29	-4.15
5320	37	0.00	-14.61	3.08	0.00	5.14	-11.53	-6.39	-12.30	3.10	0.00	5.14	-9.20	-4.06
	38	0.00	-14.64	3.08	0.00	5.14	-11.56	-6.42	-11.90	3.10	0.00	5.14	-8.80	-3.66
	49	0.00	-14.75	3.08	0.00	5.14	-11.67	-6.53	-12.49	3.10	0.00	5.14	-9.39	-4.25

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 + Antenna Gain

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

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

* 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 November 24, 2023
Temperature / Humidity 24 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-20 (OFDMA) 52-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5500	37	20.050	18.378	0.07	0.12	0.19	-7.23	23.97	31.20	0.17	0.26	0.43	-3.70	29.97	33.67
	38	18.334	17.029	0.08	0.13	0.21	-6.82	23.63	30.45	0.18	0.29	0.47	-3.29	29.97	33.26
	40	19.984	18.424	0.07	0.12	0.19	-7.21	23.97	31.18	0.16	0.27	0.43	-3.68	29.97	33.65
5580	37	20.081	18.379	0.07	0.12	0.19	-7.17	23.97	31.14	0.16	0.27	0.43	-3.64	29.97	33.61
	38	18.452	17.019	0.08	0.12	0.20	-6.97	23.66	30.63	0.17	0.28	0.45	-3.44	29.97	33.41
	40	19.949	18.414	0.07	0.11	0.19	-7.29	23.97	31.26	0.17	0.25	0.42	-3.76	29.97	33.73
5700	37	20.503	18.479	0.07	0.10	0.17	-7.78	23.97	31.75	0.16	0.22	0.38	-4.25	29.97	34.22
	38	18.352	17.022	0.07	0.10	0.17	-7.73	23.63	31.36	0.16	0.22	0.38	-4.20	29.97	34.17
	40	20.054	18.422	0.07	0.10	0.16	-7.86	23.97	31.83	0.15	0.22	0.37	-4.33	29.97	34.30
5745	37	-	18.404	0.08	0.11	0.19	-7.23	30.00	37.23	0.17	0.22	0.38	-4.18	36.00	40.18
	38	-	17.036	0.08	0.11	0.20	-7.02	30.00	37.02	0.17	0.23	0.40	-3.97	36.00	39.97
	40	-	18.408	0.08	0.11	0.19	-7.27	30.00	37.27	0.16	0.22	0.38	-4.22	36.00	40.22
5785	37	-	18.382	0.07	0.12	0.19	-7.16	30.00	37.16	0.15	0.24	0.39	-4.11	36.00	40.11
	38	-	17.005	0.09	0.13	0.22	-6.66	30.00	36.66	0.17	0.26	0.44	-3.61	36.00	39.61
	40	-	18.403	0.08	0.10	0.18	-7.52	30.00	37.52	0.15	0.20	0.36	-4.47	36.00	40.47
5825	37	-	18.377	0.08	0.12	0.20	-7.07	30.00	37.07	0.16	0.23	0.40	-4.02	36.00	40.02
	38	-	17.015	0.08	0.12	0.21	-6.81	30.00	36.81	0.17	0.25	0.42	-3.76	36.00	39.76
	40	-	18.406	0.08	0.10	0.18	-7.41	30.00	37.41	0.15	0.21	0.37	-4.36	36.00	40.36

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]
5500	37	0.00	-14.48	3.14	0.00	3.53	-11.34	-7.81	-12.53	3.16	0.00	3.53	-9.37	-5.84
	38	0.00	-14.22	3.14	0.00	3.53	-11.08	-7.55	-12.02	3.16	0.00	3.53	-8.86	-5.33
	40	0.00	-14.74	3.14	0.00	3.53	-11.60	-8.07	-12.33	3.16	0.00	3.53	-9.17	-5.64
5580	37	0.00	-14.57	3.16	0.00	3.53	-11.41	-7.88	-12.41	3.18	0.00	3.53	-9.23	-5.70
	38	0.00	-14.26	3.16	0.00	3.53	-11.10	-7.57	-12.27	3.18	0.00	3.53	-9.09	-5.56
	40	0.00	-14.46	3.16	0.00	3.53	-11.30	-7.77	-12.66	3.18	0.00	3.53	-9.48	-5.95
5700	37	0.00	-14.76	3.19	0.00	3.53	-11.57	-8.04	-13.34	3.21	0.00	3.53	-10.13	-6.60
	38	0.00	-14.70	3.19	0.00	3.53	-11.51	-7.98	-13.29	3.21	0.00	3.53	-10.08	-6.55
	40	0.00	-15.05	3.19	0.00	3.53	-11.86	-8.33	-13.27	3.21	0.00	3.53	-10.06	-6.53
5745	37	0.00	-14.06	3.20	0.00	3.05	-10.86	-7.81	-12.92	3.22	0.00	3.05	-9.70	-6.65
	38	0.00	-13.92	3.20	0.00	3.05	-10.72	-7.67	-12.66	3.22	0.00	3.05	-9.44	-6.39
	40	0.00	-14.27	3.20	0.00	3.05	-11.07	-8.02	-12.83	3.22	0.00	3.05	-9.61	-6.56
5785	37	0.00	-14.56	3.21	0.00	3.05	-11.35	-8.30	-12.48	3.23	0.00	3.05	-9.25	-6.20
	38	0.00	-13.90	3.21	0.00	3.05	-10.69	-7.64	-12.07	3.23	0.00	3.05	-8.84	-5.79
	40	0.00	-14.39	3.21	0.00	3.05	-11.18	-8.13	-13.19	3.23	0.00	3.05	-9.96	-6.91
5825	37	0.00	-14.16	3.23	0.00	3.05	-10.93	-7.88	-12.62	3.25	0.00	3.05	-9.37	-6.32
	38	0.00	-13.96	3.23	0.00	3.05	-10.73	-7.68	-12.32	3.25	0.00	3.05	-9.07	-6.02
	40	0.00	-14.38	3.23	0.00	3.05	-11.15	-8.10	-13.04	3.25	0.00	3.05	-9.79	-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

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

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

* 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 November 24, 2023
Temperature / Humidity 24 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-20 (OFDMA) 106-tone RU Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [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]			
5180	53	-	18.314	0.09	0.10	0.19	-7.24	23.97	31.21	0.29	0.33	0.62	-2.10	29.97	32.07
	54	-	18.253	0.07	0.11	0.19	-7.23	23.97	31.20	0.24	0.37	0.62	-2.09	29.97	32.06
5220	53	-	18.291	0.09	0.13	0.22	-6.50	23.97	30.47	0.30	0.43	0.73	-1.36	29.97	31.33
	54	-	18.272	0.10	0.12	0.22	-6.57	23.97	30.54	0.32	0.40	0.72	-1.43	29.97	31.40
5240	53	-	18.295	0.09	0.15	0.23	-6.35	23.97	30.32	0.28	0.48	0.76	-1.21	29.97	31.18
	54	-	18.275	0.08	0.14	0.22	-6.56	23.97	30.53	0.28	0.44	0.72	-1.42	29.97	31.39
5260	53	20.304	18.329	0.08	0.14	0.22	-6.66	23.97	30.63	0.26	0.44	0.70	-1.52	29.97	31.49
	54	19.978	18.265	0.08	0.13	0.21	-6.77	23.97	30.74	0.26	0.43	0.69	-1.63	29.97	31.60
5300	53	20.233	18.320	0.08	0.13	0.21	-6.75	23.97	30.72	0.27	0.42	0.69	-1.61	29.97	31.58
	54	19.973	18.253	0.09	0.13	0.22	-6.57	23.97	30.54	0.28	0.44	0.72	-1.43	29.97	31.40
5320	53	20.407	18.343	0.08	0.12	0.20	-6.96	23.97	30.93	0.25	0.41	0.66	-1.82	29.97	31.79
	54	20.041	18.255	0.07	0.12	0.19	-7.12	23.97	31.09	0.24	0.39	0.63	-1.98	29.97	31.95

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]
5180	53	0.00	-13.58	3.04	0.00	5.14	-10.54	-5.40	-13.04	3.06	0.00	5.14	-9.98	-4.84
	54	0.00	-14.30	3.04	0.00	5.14	-11.26	-6.12	-12.48	3.06	0.00	5.14	-9.42	-4.28
5220	53	0.00	-13.42	3.05	0.00	5.14	-10.37	-5.23	-11.86	3.07	0.00	5.14	-8.79	-3.65
	54	0.00	-13.20	3.05	0.00	5.14	-10.15	-5.01	-12.15	3.07	0.00	5.14	-9.08	-3.94
5240	53	0.00	-13.76	3.06	0.00	5.14	-10.70	-5.56	-11.42	3.08	0.00	5.14	-8.34	-3.20
	54	0.00	-13.78	3.06	0.00	5.14	-10.72	-5.58	-11.75	3.08	0.00	5.14	-8.67	-3.53
5260	53	0.00	-14.00	3.06	0.00	5.14	-10.94	-5.80	-11.77	3.08	0.00	5.14	-8.69	-3.55
	54	0.00	-14.02	3.06	0.00	5.14	-10.96	-5.82	-11.93	3.08	0.00	5.14	-8.85	-3.71
5300	53	0.00	-13.96	3.07	0.00	5.14	-10.89	-5.75	-11.95	3.09	0.00	5.14	-8.86	-3.72
	54	0.00	-13.67	3.07	0.00	5.14	-10.60	-5.46	-11.84	3.09	0.00	5.14	-8.75	-3.61
5320	53	0.00	-14.23	3.08	0.00	5.14	-11.15	-6.01	-12.15	3.10	0.00	5.14	-9.05	-3.91
	54	0.00	-14.43	3.08	0.00	5.14	-11.35	-6.21	-12.28	3.10	0.00	5.14	-9.18	-4.04

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

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

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

* 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 November 24, 2023
Temperature / Humidity 24 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-20 (OFDMA) 106-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]
5500	53	20.390	18.321	0.08	0.13	0.20	-6.97	23.97	30.94	0.17	0.28	0.45	-3.44	29.97	33.41
	54	19.990	18.248	0.07	0.12	0.19	-7.17	23.97	31.14	0.17	0.27	0.43	-3.64	29.97	33.61
5580	53	20.172	18.325	0.08	0.12	0.20	-7.05	23.97	31.02	0.17	0.27	0.44	-3.52	29.97	33.49
	54	20.017	18.274	0.08	0.12	0.20	-7.09	23.97	31.06	0.17	0.27	0.44	-3.56	29.97	33.53
5700	53	20.298	18.332	0.09	0.13	0.22	-6.53	23.97	30.50	0.20	0.30	0.50	-3.00	29.97	32.97
	54	20.074	18.250	0.07	0.10	0.17	-7.82	23.97	31.79	0.15	0.22	0.37	-4.29	29.97	34.26
5745	53	-	18.321	0.08	0.11	0.19	-7.24	30.00	37.24	0.16	0.22	0.38	-4.19	36.00	40.19
	54	-	18.240	0.08	0.11	0.19	-7.14	30.00	37.14	0.16	0.23	0.39	-4.09	36.00	40.09
5785	53	-	18.298	0.08	0.12	0.20	-7.06	30.00	37.06	0.16	0.24	0.40	-4.01	36.00	40.01
	54	-	18.257	0.08	0.10	0.18	-7.35	30.00	37.35	0.16	0.21	0.37	-4.30	36.00	40.30
5825	53	-	18.319	0.08	0.13	0.21	-6.86	30.00	36.86	0.16	0.25	0.42	-3.81	36.00	39.81
	54	-	18.242	0.08	0.11	0.18	-7.34	30.00	37.34	0.16	0.22	0.37	-4.29	36.00	40.29

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]
5500	53	0.00	-14.35	3.14	0.00	3.53	-11.21	-7.68	-12.19	3.16	0.00	3.53	-9.03	-5.50
	54	0.00	-14.48	3.14	0.00	3.53	-11.34	-7.81	-12.42	3.16	0.00	3.53	-9.26	-5.73
5580	53	0.00	-14.39	3.16	0.00	3.53	-11.23	-7.70	-12.32	3.18	0.00	3.53	-9.14	-5.61
	54	0.00	-14.26	3.16	0.00	3.53	-11.10	-7.57	-12.46	3.18	0.00	3.53	-9.28	-5.75
5700	53	0.00	-13.70	3.19	0.00	3.53	-10.51	-6.98	-11.95	3.21	0.00	3.53	-8.74	-5.21
	54	0.00	-14.91	3.19	0.00	3.53	-11.72	-8.19	-13.31	3.21	0.00	3.53	-10.10	-6.57
5745	53	0.00	-14.09	3.20	0.00	3.05	-10.89	-7.84	-12.92	3.22	0.00	3.05	-9.70	-6.65
	54	0.00	-14.19	3.20	0.00	3.05	-10.99	-7.94	-12.67	3.22	0.00	3.05	-9.45	-6.40
5785	53	0.00	-14.25	3.21	0.00	3.05	-11.04	-7.99	-12.51	3.23	0.00	3.05	-9.28	-6.23
	54	0.00	-14.22	3.21	0.00	3.05	-11.01	-7.96	-13.02	3.23	0.00	3.05	-9.79	-6.74
5825	53	0.00	-14.19	3.23	0.00	3.05	-10.96	-7.91	-12.25	3.25	0.00	3.05	-9.00	-5.95
	54	0.00	-14.37	3.23	0.00	3.05	-11.14	-8.09	-12.94	3.25	0.00	3.05	-9.69	-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 + Antenna Gain

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

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

* 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 November 24, 2023
Temperature / Humidity 24 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-20 (OFDMA) 242-tone RU Pre-correction

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

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	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]
5180	-	19.244	0.07	0.11	0.18	-7.35	23.97	31.32	0.24	0.37	0.60	-2.21	29.97	32.18
5220	-	19.243	0.09	0.10	0.19	-7.26	23.97	31.23	0.29	0.33	0.61	-2.12	29.97	32.09
5240	-	19.248	0.08	0.12	0.20	-6.98	23.97	30.95	0.25	0.40	0.65	-1.84	29.97	31.81
5260	21.622	19.214	0.08	0.13	0.21	-6.74	23.97	30.71	0.26	0.44	0.69	-1.60	29.97	31.57
5300	21.637	19.243	0.08	0.13	0.21	-6.70	23.97	30.67	0.28	0.42	0.70	-1.56	29.97	31.53
5320	21.612	19.258	0.07	0.12	0.19	-7.15	23.97	31.12	0.24	0.39	0.63	-2.01	29.97	31.98
5500	21.768	19.214	0.07	0.12	0.19	-7.10	23.97	31.07	0.16	0.28	0.44	-3.57	29.97	33.54
5580	21.634	19.218	0.07	0.12	0.19	-7.21	23.97	31.18	0.17	0.26	0.43	-3.68	29.97	33.65
5700	21.672	19.219	0.07	0.11	0.17	-7.61	23.97	31.58	0.15	0.24	0.39	-4.08	29.97	34.05
5745	-	19.235	0.08	0.11	0.19	-7.11	30.00	37.11	0.16	0.23	0.39	-4.06	36.00	40.06
5785	-	19.226	0.08	0.10	0.18	-7.40	30.00	37.40	0.16	0.21	0.37	-4.35	36.00	40.35
5825	-	19.222	0.08	0.11	0.19	-7.14	30.00	37.14	0.16	0.23	0.39	-4.09	36.00	40.09

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]
5180	0.00	-14.46	3.04	0.00	5.14	-11.42	-6.28	-12.57	3.06	0.00	5.14	-9.51	-4.37
5220	0.00	-13.63	3.05	0.00	5.14	-10.58	-5.44	-13.05	3.07	0.00	5.14	-9.98	-4.84
5240	0.00	-14.16	3.06	0.00	5.14	-11.10	-5.96	-12.19	3.08	0.00	5.14	-9.11	-3.97
5260	0.00	-14.13	3.06	0.00	5.14	-11.07	-5.93	-11.82	3.08	0.00	5.14	-8.74	-3.60
5300	0.00	-13.80	3.07	0.00	5.14	-10.73	-5.59	-11.97	3.09	0.00	5.14	-8.88	-3.74
5320	0.00	-14.43	3.08	0.00	5.14	-11.35	-6.21	-12.33	3.10	0.00	5.14	-9.23	-4.09
5500	0.00	-14.60	3.14	0.00	3.53	-11.46	-7.93	-12.25	3.16	0.00	3.53	-9.09	-5.56
5580	0.00	-14.48	3.16	0.00	3.53	-11.32	-7.79	-12.53	3.18	0.00	3.53	-9.35	-5.82
5700	0.00	-14.89	3.19	0.00	3.53	-11.70	-8.17	-12.96	3.21	0.00	3.53	-9.75	-6.22
5745	0.00	-14.18	3.20	0.00	3.05	-10.98	-7.93	-12.63	3.22	0.00	3.05	-9.41	-6.36
5785	0.00	-14.30	3.21	0.00	3.05	-11.09	-8.04	-13.06	3.23	0.00	3.05	-9.83	-6.78
5825	0.00	-14.20	3.23	0.00	3.05	-10.97	-7.92	-12.71	3.25	0.00	3.05	-9.46	-6.41

Sample Calculation:

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

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

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

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

* 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 June 1, 2023 July 11, 2023
Temperature / Humidity 26 deg. C / 40 % RH 24 deg. C / 42 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11n-40

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5190	-	36.487	3.79	5.52	9.31	9.69	23.97	14.28	12.39	18.03	30.42	14.83	29.97	15.14
5230	-	36.467	3.85	5.68	9.52	9.79	23.97	14.18	12.56	18.54	31.10	14.93	29.97	15.04
5270	39.695	36.558	3.97	5.86	9.83	9.93	23.97	14.04	12.97	19.14	32.11	15.07	29.97	14.90
5310	39.437	36.632	3.74	5.41	9.15	9.61	23.97	14.36	12.22	17.66	29.88	14.75	29.97	15.22
5510	39.846	36.643	6.98	10.91	17.90	12.53	23.97	11.44	15.74	24.60	40.34	16.06	29.97	13.91
5550	39.724	36.629	7.21	10.89	18.10	12.58	23.97	11.39	16.26	24.55	40.80	16.11	29.97	13.86
5670	39.804	36.612	7.08	10.81	17.89	12.53	23.97	11.44	15.96	24.38	40.34	16.06	29.97	13.91
5755	-	36.541	2.82	4.40	7.21	8.58	30.00	21.42	5.69	8.87	14.56	11.63	36.00	24.37
5795	-	36.414	2.82	4.50	7.32	8.64	30.00	21.36	5.69	9.08	14.77	11.69	36.00	24.31

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]	
5190	0.00	-7.23	3.04	9.98	5.14	5.79	10.93	-5.73	3.06	10.09	5.14	7.42	12.56	
5230	0.00	-7.19	3.06	9.98	5.14	5.85	10.99	-5.62	3.07	10.09	5.14	7.54	12.68	
5270	0.00	-7.06	3.07	9.98	5.14	5.99	11.13	-5.49	3.08	10.09	5.14	7.68	12.82	
5310	0.00	-7.33	3.08	9.98	5.14	5.73	10.87	-5.85	3.09	10.09	5.14	7.33	12.47	
5510	0.00	-4.68	3.14	9.98	3.53	8.44	11.97	-2.87	3.16	10.09	3.53	10.38	13.91	
5550	0.00	-4.55	3.15	9.98	3.53	8.58	12.11	-2.89	3.17	10.09	3.53	10.37	13.90	
5670	0.00	-4.66	3.18	9.98	3.53	8.50	12.03	-2.95	3.20	10.09	3.53	10.34	13.87	
5755	0.00	-8.68	3.20	9.98	3.05	4.50	7.55	-6.88	3.22	10.09	3.05	6.43	9.48	
5795	0.00	-8.69	3.21	9.98	3.05	4.50	7.55	-6.80	3.23	10.10	3.05	6.53	9.58	

Sample Calculation:

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

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

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

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

* 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 June 2, 2023 July 11, 2023
Temperature / Humidity 25 deg. C / 43 % RH 24 deg. C / 42 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11ac-40

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW [MHz]	99% OBW [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]			
5190	-	36.639	3.77	5.55	9.31	9.69	23.97	14.28	12.30	18.11	30.42	14.83	29.97	15.14
5230	-	36.625	3.87	5.75	9.63	9.83	23.97	14.14	12.65	18.79	31.44	14.97	29.97	15.00
5270	39.746	36.551	3.97	5.20	9.17	9.62	23.97	14.35	12.97	16.98	29.95	14.76	29.97	15.21
5310	39.868	36.596	3.78	5.46	9.23	9.65	23.97	14.32	12.33	17.82	30.15	14.79	29.97	15.18
5510	39.614	36.628	7.03	11.12	18.15	12.59	23.97	11.38	15.85	25.06	40.91	16.12	29.97	13.85
5550	39.549	36.635	7.31	11.12	18.43	12.65	23.97	11.32	16.48	25.06	41.54	16.18	29.97	13.79
5670	39.569	36.653	7.13	10.64	17.77	12.50	23.97	11.47	16.07	23.99	40.06	16.03	29.97	13.94
5755	-	36.627	2.88	4.94	7.83	8.94	30.00	21.06	5.82	9.98	15.80	11.99	36.00	24.01
5795	-	36.522	2.78	4.55	7.33	8.65	30.00	21.35	5.61	9.18	14.79	11.70	36.00	24.30

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]	
5190	0.00	-7.26	3.04	9.98	5.14	5.76	10.90	-5.71	3.06	10.09	5.14	7.44	12.58	
5230	0.00	-7.16	3.06	9.98	5.14	5.88	11.02	-5.56	3.07	10.09	5.14	7.60	12.74	
5270	0.00	-7.06	3.07	9.98	5.14	5.99	11.13	-6.01	3.08	10.09	5.14	7.16	12.30	
5310	0.00	-7.29	3.08	9.98	5.14	5.77	10.91	-5.81	3.09	10.09	5.14	7.37	12.51	
5510	0.00	-4.65	3.14	9.98	3.53	8.47	12.00	-2.79	3.16	10.09	3.53	10.46	13.99	
5550	0.00	-4.49	3.15	9.98	3.53	8.64	12.17	-2.8	3.17	10.09	3.53	10.46	13.99	
5670	0.00	-4.63	3.18	9.98	3.53	8.53	12.06	-3.02	3.20	10.09	3.53	10.27	13.80	
5755	0.00	-8.58	3.20	9.98	3.05	4.60	7.65	-6.37	3.22	10.09	3.05	6.94	9.99	
5795	0.00	-8.75	3.21	9.98	3.05	4.44	7.49	-6.75	3.23	10.10	3.05	6.58	9.63	

Sample Calculation:

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

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

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

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

* 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 June 2, 2023 July 11, 2023
Temperature / Humidity 25 deg. C / 43 % RH 24 deg. C / 42 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11ax-40 (OFDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW [MHz]	99% OBW [MHz]	Conducted power							e.i.r.p.					
			Antenna			Result	Limit	Margin		Antenna			Result	Limit	Margin
			ANT0	ANT1	Sum					ANT0	ANT1	Sum			
[mW]	[mW]	[mW]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	-	37.693	3.95	5.89	9.84	9.93	23.97	14.04	12.91	19.23	32.14	15.07	29.97	14.90	
5230	-	37.664	4.07	6.15	10.23	10.10	23.97	13.87	13.30	20.09	33.40	15.24	29.97	14.73	
5270	39.952	37.679	4.21	6.21	10.42	10.18	23.97	13.79	13.74	20.28	34.02	15.32	29.97	14.65	
5310	39.958	37.698	3.92	5.73	9.65	9.84	23.97	14.13	12.79	18.71	31.50	14.98	29.97	14.99	
5510	39.909	37.699	7.66	11.67	19.32	12.86	23.97	11.11	17.26	26.30	43.56	16.39	29.97	13.58	
5550	40.181	37.705	7.53	11.64	19.17	12.83	23.97	11.14	16.98	26.24	43.22	16.36	29.97	13.61	
5670	40.080	37.724	7.55	11.53	19.09	12.81	23.97	11.16	17.02	26.00	43.02	16.34	29.97	13.63	
5755	-	37.704	3.00	5.19	8.19	9.13	30.00	20.87	6.05	10.47	16.52	12.18	36.00	23.82	
5795	-	37.588	2.96	4.75	7.71	8.87	30.00	21.13	5.97	9.59	15.56	11.92	36.00	24.08	

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]
5190	0.00	-7.05	3.04	9.98	5.14	5.97	11.11	-5.45	3.06	10.09	5.14	7.70	12.84
5230	0.00	-6.94	3.06	9.98	5.14	6.10	11.24	-5.27	3.07	10.09	5.14	7.89	13.03
5270	0.00	-6.81	3.07	9.98	5.14	6.24	11.38	-5.24	3.08	10.09	5.14	7.93	13.07
5310	0.00	-7.13	3.08	9.98	5.14	5.93	11.07	-5.60	3.09	10.09	5.14	7.58	12.72
5510	0.00	-4.28	3.14	9.98	3.53	8.84	12.37	-2.58	3.16	10.09	3.53	10.67	14.20
5550	0.00	-4.36	3.15	9.98	3.53	8.77	12.30	-2.60	3.17	10.09	3.53	10.66	14.19
5670	0.00	-4.38	3.18	9.98	3.53	8.78	12.31	-2.67	3.20	10.09	3.53	10.62	14.15
5755	0.00	-8.41	3.20	9.98	3.05	4.77	7.82	-6.16	3.22	10.09	3.05	7.15	10.20
5795	0.00	-8.48	3.21	9.98	3.05	4.71	7.76	-6.56	3.23	10.10	3.05	6.77	9.82

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-40 (OFDMA) 26-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [MHz]	Conducted power						e.i.r.p.					
				Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				ANT0	ANT1	Sum				ANT0	ANT1	Sum			
				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	0	-	17.914	0.17	0.20	0.36	-4.38	23.97	28.35	0.55	0.64	1.19	0.76	29.97	29.21
	8	-	21.215	0.22	0.28	0.50	-3.04	23.97	27.01	0.72	0.90	1.62	2.10	29.97	27.87
	17	-	18.060	0.17	0.19	0.37	-4.37	23.97	28.34	0.56	0.63	1.19	0.77	29.97	29.20
5230	0	-	17.907	0.14	0.21	0.35	-4.53	23.97	28.50	0.45	0.70	1.15	0.61	29.97	29.36
	8	-	21.184	0.24	0.26	0.50	-2.97	23.97	26.94	0.78	0.86	1.65	2.17	29.97	27.80
	17	-	18.096	0.14	0.22	0.36	-4.45	23.97	28.42	0.46	0.71	1.17	0.69	29.97	29.28
5270	0	18.980	17.942	0.16	0.23	0.39	-4.14	23.78	27.92	0.52	0.74	1.26	1.00	29.97	28.97
	8	21.491	20.711	0.20	0.28	0.48	-3.21	23.97	27.18	0.65	0.91	1.56	1.93	29.97	28.04
	17	19.050	18.012	0.15	0.21	0.36	-4.43	23.79	28.22	0.48	0.69	1.18	0.71	29.97	29.26
5310	0	18.963	17.978	0.17	0.22	0.40	-4.02	23.77	27.79	0.56	0.73	1.29	1.12	29.97	28.85
	8	21.560	20.737	0.18	0.27	0.45	-3.48	23.97	27.45	0.59	0.87	1.47	1.66	29.97	28.31
	17	19.011	18.026	0.17	0.21	0.37	-4.28	23.79	28.07	0.55	0.67	1.22	0.86	29.97	29.11

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]
5190	0	0.00	-10.80	3.04	0.00	5.14	-7.76	-2.62	-10.11	3.06	0.00	5.14	-7.05	-1.91
	8	0.00	-9.62	3.04	0.00	5.14	-6.58	-1.44	-8.64	3.06	0.00	5.14	-5.58	-0.44
	17	0.00	-10.66	3.04	0.00	5.14	-7.62	-2.48	-10.21	3.06	0.00	5.14	-7.15	-2.01
5230	0	0.00	-11.66	3.06	0.00	5.14	-8.60	-3.46	-9.76	3.07	0.00	5.14	-6.69	-1.55
	8	0.00	-9.26	3.06	0.00	5.14	-6.20	-1.06	-8.84	3.07	0.00	5.14	-5.77	-0.63
	17	0.00	-11.57	3.06	0.00	5.14	-8.51	-3.37	-9.69	3.07	0.00	5.14	-6.62	-1.48
5270	0	0.00	-11.06	3.07	0.00	5.14	-7.99	-2.85	-9.52	3.08	0.00	5.14	-6.44	-1.30
	8	0.00	-10.10	3.07	0.00	5.14	-7.03	-1.89	-8.62	3.08	0.00	5.14	-5.54	-0.40
	17	0.00	-11.36	3.07	0.00	5.14	-8.29	-3.15	-9.81	3.08	0.00	5.14	-6.73	-1.59
5310	0	0.00	-10.71	3.08	0.00	5.14	-7.63	-2.49	-9.59	3.09	0.00	5.14	-6.50	-1.36
	8	0.00	-10.50	3.08	0.00	5.14	-7.42	-2.28	-8.81	3.09	0.00	5.14	-5.72	-0.58
	17	0.00	-10.84	3.08	0.00	5.14	-7.76	-2.62	-9.95	3.09	0.00	5.14	-6.86	-1.72

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-40 (OFDMA) 26-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5510	0	19.011	17.921	0.30	0.46	0.75	-1.23	23.79	25.02	0.67	1.03	1.70	2.30	29.97	27.67
	8	21.643	20.545	0.36	0.53	0.89	-0.49	23.97	24.46	0.81	1.20	2.01	3.04	29.97	26.93
	17	18.971	18.017	0.32	0.39	0.71	-1.48	23.78	25.26	0.72	0.89	1.60	2.05	29.97	27.92
5550	0	18.995	17.941	0.31	0.34	0.65	-1.85	23.78	25.63	0.70	0.78	1.47	1.68	29.97	28.29
	8	21.735	20.711	0.39	0.49	0.88	-0.55	23.97	24.52	0.87	1.11	1.99	2.98	29.97	26.99
	17	19.015	17.996	0.30	0.39	0.69	-1.58	23.79	25.37	0.68	0.88	1.57	1.95	29.97	28.02
5670	0	18.844	17.948	0.30	0.38	0.67	-1.72	23.75	25.47	0.67	0.85	1.52	1.81	29.97	28.16
	8	21.295	20.579	0.38	0.47	0.85	-0.73	23.97	24.70	0.85	1.05	1.91	2.80	29.97	27.17
	17	19.006	17.948	0.31	0.36	0.68	-1.69	23.78	25.47	0.71	0.82	1.53	1.84	29.97	28.13
5755	0	-	17.961	0.13	0.19	0.33	-4.86	30.00	34.86	0.27	0.39	0.66	-1.81	36.00	37.81
	8	-	20.799	0.17	0.24	0.41	-3.86	30.00	33.86	0.35	0.49	0.83	-0.81	36.00	36.81
	17	-	18.072	0.13	0.21	0.34	-4.67	30.00	34.67	0.26	0.43	0.69	-1.62	36.00	37.62
5795	0	-	18.012	0.11	0.18	0.29	-5.32	30.00	35.32	0.22	0.37	0.59	-2.27	36.00	38.27
	8	-	20.558	0.18	0.25	0.43	-3.64	30.00	33.64	0.37	0.50	0.87	-0.59	36.00	36.59
	17	-	18.066	0.14	0.18	0.31	-5.05	30.00	35.05	0.28	0.35	0.63	-2.00	36.00	38.00

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]
5510	0	0.00	-8.41	3.14	0.00	3.53	-5.27	-1.74	-6.57	3.16	0.00	3.53	-3.41	0.12
	8	0.00	-7.57	3.14	0.00	3.53	-4.43	-0.90	-5.90	3.16	0.00	3.53	-2.74	0.79
	17	0.00	-8.12	3.14	0.00	3.53	-4.98	-1.45	-7.21	3.16	0.00	3.53	-4.05	-0.52
5550	0	0.00	-8.26	3.15	0.00	3.53	-5.11	-1.58	-7.80	3.17	0.00	3.53	-4.63	-1.10
	8	0.00	-7.26	3.15	0.00	3.53	-4.11	-0.58	-6.24	3.17	0.00	3.53	-3.07	0.46
	17	0.00	-8.34	3.15	0.00	3.53	-5.19	-1.66	-7.24	3.17	0.00	3.53	-4.07	-0.54
5670	0	0.00	-8.47	3.18	0.00	3.53	-5.29	-1.76	-7.43	3.20	0.00	3.53	-4.23	-0.70
	8	0.00	-7.40	3.18	0.00	3.53	-4.22	-0.69	-6.51	3.20	0.00	3.53	-3.31	0.22
	17	0.00	-8.22	3.18	0.00	3.53	-5.04	-1.51	-7.59	3.20	0.00	3.53	-4.39	-0.86
5755	0	0.00	-11.96	3.20	0.00	3.05	-8.76	-5.71	-10.35	3.22	0.00	3.05	-7.13	-4.08
	8	0.00	-10.87	3.20	0.00	3.05	-7.67	-4.62	-9.41	3.22	0.00	3.05	-6.19	-3.14
	17	0.00	-12.17	3.20	0.00	3.05	-8.97	-5.92	-9.91	3.22	0.00	3.05	-6.69	-3.64
5795	0	0.00	-12.76	3.21	0.00	3.05	-9.55	-6.50	-10.61	3.23	0.00	3.05	-7.38	-4.33
	8	0.00	-10.56	3.21	0.00	3.05	-7.35	-4.30	-9.27	3.23	0.00	3.05	-6.04	-2.99
	17	0.00	-11.84	3.21	0.00	3.05	-8.63	-5.58	-10.78	3.23	0.00	3.05	-7.55	-4.50

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-40 (OFDMA) 52-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [MHz]	Conducted power						e.i.r.p.					
				Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				ANT0	ANT1	Sum				ANT0	ANT1	Sum			
				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5190	37	-	17.841	0.32	0.45	0.77	-1.14	23.97	25.11	1.05	1.47	2.51	4.00	29.97	25.97
	40	-	20.442	0.39	0.53	0.92	-0.35	23.97	24.32	1.29	1.72	3.01	4.79	29.97	25.18
	44	-	17.899	0.31	0.42	0.74	-1.31	23.97	25.28	1.03	1.39	2.41	3.83	29.97	26.14
5230	37	-	17.833	0.35	0.48	0.82	-0.84	23.97	24.81	1.14	1.55	2.69	4.30	29.97	25.67
	40	-	20.524	0.43	0.55	0.98	-0.07	23.97	24.04	1.41	1.81	3.21	5.07	29.97	24.90
	44	-	18.005	0.35	0.46	0.81	-0.91	23.97	24.88	1.13	1.52	2.65	4.23	29.97	25.74
5270	37	19.085	17.867	0.28	0.44	0.72	-1.43	23.80	25.23	0.93	1.42	2.35	3.71	29.97	26.26
	40	22.067	19.987	0.33	0.52	0.85	-0.69	23.97	24.66	1.09	1.69	2.78	4.45	29.97	25.52
	44	19.094	17.862	0.31	0.42	0.73	-1.39	23.80	25.19	1.01	1.36	2.37	3.75	29.97	26.22
5310	37	19.087	17.838	0.31	0.43	0.73	-1.36	23.80	25.16	1.00	1.39	2.39	3.78	29.97	26.19
	40	22.068	20.064	0.37	0.50	0.88	-0.56	23.97	24.53	1.22	1.65	2.87	4.58	29.97	25.39
	44	19.251	17.902	0.30	0.41	0.71	-1.48	23.84	25.32	0.98	1.34	2.32	3.66	29.97	26.31

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]
5190	37	0.00	-17.96	3.04	9.98	5.14	-4.94	0.20	-16.63	3.06	10.09	5.14	-3.48	1.66
	40	0.00	-17.06	3.04	9.98	5.14	-4.04	1.10	-15.93	3.06	10.09	5.14	-2.78	2.36
	44	0.00	-18.04	3.04	9.98	5.14	-5.02	0.12	-16.87	3.06	10.09	5.14	-3.72	1.42
5230	37	0.00	-17.62	3.06	9.98	5.14	-4.58	0.56	-16.39	3.07	10.09	5.14	-3.23	1.91
	40	0.00	-16.70	3.06	9.98	5.14	-3.66	1.48	-15.73	3.07	10.09	5.14	-2.57	2.57
	44	0.00	-17.64	3.06	9.98	5.14	-4.60	0.54	-16.49	3.07	10.09	5.14	-3.33	1.81
5270	37	0.00	-18.51	3.07	9.98	5.14	-5.46	-0.32	-16.78	3.08	10.09	5.14	-3.61	1.53
	40	0.00	-17.80	3.07	9.98	5.14	-4.75	0.39	-16.03	3.08	10.09	5.14	-2.86	2.28
	44	0.00	-18.15	3.07	9.98	5.14	-5.10	0.04	-16.96	3.08	10.09	5.14	-3.79	1.35
5310	37	0.00	-18.20	3.08	9.98	5.14	-5.14	0.00	-16.89	3.09	10.09	5.14	-3.71	1.43
	40	0.00	-17.32	3.08	9.98	5.14	-4.26	0.88	-16.15	3.09	10.09	5.14	-2.97	2.17
	44	0.00	-18.27	3.08	9.98	5.14	-5.21	-0.07	-17.05	3.09	10.09	5.14	-3.87	1.27

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-40 (OFDMA) 52-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5510	37	19.340	17.832	0.55	0.89	1.43	1.56	23.86	22.30	1.23	2.00	3.23	5.09	29.97	24.88
	40	22.410	19.755	0.67	1.03	1.70	2.30	23.97	21.67	1.51	2.32	3.82	5.83	29.97	24.14
	44	19.103	17.873	0.53	0.73	1.26	0.99	23.81	22.82	1.19	1.65	2.83	4.52	29.97	25.45
5550	37	19.288	17.844	0.56	0.86	1.42	1.53	23.85	22.32	1.27	1.94	3.21	5.06	29.97	24.91
	40	22.460	19.777	0.66	1.00	1.67	2.22	23.97	21.75	1.50	2.26	3.76	5.75	29.97	24.22
	44	19.264	17.844	0.58	0.78	1.36	1.33	23.84	22.51	1.31	1.76	3.06	4.86	29.97	25.11
5670	37	19.046	17.826	0.61	0.84	1.45	1.60	23.79	22.19	1.37	1.89	3.26	5.13	29.97	24.84
	40	22.018	19.929	0.73	0.99	1.72	2.35	23.97	21.62	1.65	2.22	3.87	5.88	29.97	24.09
	44	19.321	17.890	0.59	0.79	1.37	1.37	23.86	22.49	1.32	1.77	3.09	4.90	29.97	25.07
5755	37	-	17.804	0.29	0.38	0.68	-1.69	30.00	31.69	0.59	0.77	1.37	1.36	36.00	34.64
	40	-	20.245	0.35	0.45	0.80	-0.98	30.00	30.98	0.70	0.91	1.61	2.07	36.00	33.93
	44	-	17.746	0.27	0.37	0.64	-1.92	30.00	31.92	0.55	0.74	1.30	1.13	36.00	34.87
5795	37	-	17.940	0.28	0.36	0.64	-1.96	30.00	31.96	0.56	0.73	1.29	1.09	36.00	34.91
	40	-	19.722	0.33	0.49	0.82	-0.87	30.00	30.87	0.67	0.99	1.65	2.18	36.00	33.82
	44	-	17.844	0.27	0.36	0.62	-2.05	30.00	32.05	0.54	0.72	1.26	1.00	36.00	35.00

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]
5510	37	0.00	-15.74	3.14	9.98	3.53	-2.62	0.91	-13.78	3.16	10.09	3.53	-0.53	3.00
	40	0.00	-14.87	3.14	9.98	3.53	-1.75	1.78	-13.13	3.16	10.09	3.53	0.12	3.65
	44	0.00	-15.91	3.14	9.98	3.53	-2.79	0.74	-14.61	3.16	10.09	3.53	-1.36	2.17
5550	37	0.00	-15.63	3.15	9.98	3.53	-2.50	1.03	-13.91	3.17	10.09	3.53	-0.65	2.88
	40	0.00	-14.91	3.15	9.98	3.53	-1.78	1.75	-13.25	3.17	10.09	3.53	0.01	3.54
	44	0.00	-15.50	3.15	9.98	3.53	-2.37	1.16	-14.34	3.17	10.09	3.53	-1.08	2.45
5670	37	0.00	-15.33	3.18	9.98	3.53	-2.17	1.36	-14.05	3.20	10.09	3.53	-0.76	2.77
	40	0.00	-14.52	3.18	9.98	3.53	-1.36	2.17	-13.35	3.20	10.09	3.53	-0.06	3.47
	44	0.00	-15.48	3.18	9.98	3.53	-2.32	1.21	-14.34	3.20	10.09	3.53	-1.05	2.48
5755	37	0.00	-18.49	3.20	9.98	3.05	-5.31	-2.26	-17.48	3.22	10.09	3.05	-4.17	-1.12
	40	0.00	-17.75	3.20	9.98	3.05	-4.57	-1.52	-16.79	3.22	10.09	3.05	-3.48	-0.43
	44	0.00	-18.81	3.20	9.98	3.05	-5.63	-2.58	-17.64	3.22	10.09	3.05	-4.33	-1.28
5795	37	0.00	-18.79	3.21	9.98	3.05	-5.60	-2.55	-17.75	3.23	10.10	3.05	-4.42	-1.37
	40	0.00	-18.01	3.21	9.98	3.05	-4.82	-1.77	-16.44	3.23	10.10	3.05	-3.11	-0.06
	44	0.00	-18.92	3.21	9.98	3.05	-5.73	-2.68	-17.81	3.23	10.10	3.05	-4.48	-1.43

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-40 (OFDMA) 106 -tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5190	53	-	17.695	0.65	0.88	1.53	1.84	23.97	22.13	2.11	2.87	4.98	6.98	29.97	22.99
	54	-	19.827	0.75	1.02	1.77	2.49	23.97	21.48	2.45	3.34	5.79	7.63	29.97	22.34
	56	-	17.737	0.68	0.85	1.53	1.85	23.97	22.12	2.23	2.77	5.00	6.99	29.97	22.98
5230	53	-	17.714	0.68	0.96	1.64	2.15	23.97	21.82	2.21	3.15	5.36	7.29	29.97	22.68
	54	-	19.768	0.77	1.07	1.85	2.67	23.97	21.30	2.53	3.51	6.04	7.81	29.97	22.16
	56	-	17.733	0.76	0.93	1.69	2.29	23.97	21.68	2.48	3.05	5.53	7.43	29.97	22.54
5270	53	19.240	17.712	0.63	0.90	1.53	1.86	23.84	21.98	2.06	2.95	5.01	7.00	29.97	22.97
	54	23.587	19.231	0.71	1.04	1.75	2.44	23.97	21.53	2.33	3.40	5.72	7.58	29.97	22.39
	56	19.389	17.725	0.60	0.86	1.46	1.64	23.87	22.23	1.96	2.81	4.76	6.78	29.97	23.19
5310	53	19.155	17.738	0.60	0.86	1.47	1.66	23.82	22.16	1.97	2.82	4.79	6.80	29.97	23.17
	54	24.407	19.342	0.69	0.97	1.66	2.21	23.97	21.76	2.24	3.18	5.43	7.35	29.97	22.62
	56	19.490	17.755	0.60	0.82	1.42	1.52	23.89	22.37	1.95	2.69	4.63	6.66	29.97	23.31

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]
5190	53	0.00	-14.91	3.04	9.98	5.14	-1.89	3.25	-13.71	3.06	10.09	5.14	-0.56	4.58
	54	0.00	-14.27	3.04	9.98	5.14	-1.25	3.89	-13.05	3.06	10.09	5.14	0.10	5.24
	56	0.00	-14.68	3.04	9.98	5.14	-1.66	3.48	-13.86	3.06	10.09	5.14	-0.71	4.43
5230	53	0.00	-14.74	3.06	9.98	5.14	-1.70	3.44	-13.32	3.07	10.09	5.14	-0.16	4.98
	54	0.00	-14.15	3.06	9.98	5.14	-1.11	4.03	-12.85	3.07	10.09	5.14	0.31	5.45
	56	0.00	-14.23	3.06	9.98	5.14	-1.19	3.95	-13.46	3.07	10.09	5.14	-0.30	4.84
5270	53	0.00	-15.05	3.07	9.98	5.14	-2.00	3.14	-13.61	3.08	10.09	5.14	-0.44	4.70
	54	0.00	-14.52	3.07	9.98	5.14	-1.47	3.67	-13.00	3.08	10.09	5.14	0.17	5.31
	56	0.00	-15.27	3.07	9.98	5.14	-2.22	2.92	-13.83	3.08	10.09	5.14	-0.66	4.48
5310	53	0.00	-15.25	3.08	9.98	5.14	-2.19	2.95	-13.82	3.09	10.09	5.14	-0.64	4.50
	54	0.00	-14.69	3.08	9.98	5.14	-1.63	3.51	-13.29	3.09	10.09	5.14	-0.11	5.03
	56	0.00	-15.31	3.08	9.98	5.14	-2.25	2.89	-14.03	3.09	10.09	5.14	-0.85	4.29

Sample Calculation:

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

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

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

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

* 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 3, 2023
Temperature / Humidity 24 deg. C / 40 % RH
Engineer Hiromasa Sato
Mode Tx 11ax-40 (OFDMA) 106 -tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency	RU Index	26 dB	99%	Conducted power						e.i.r.p.					
		EBW	OBW	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
		(B for FCC)	(B for IC)	ANT0	ANT1	Sum				ANT0	ANT1	Sum			
[MHz]		[MHz]	[MHz]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5510	53	19.201	17.706	1.27	1.58	2.86	4.56	23.83	19.27	2.87	3.57	6.44	8.09	29.97	21.88
	54	24.655	19.522	1.33	1.86	3.19	5.04	23.97	18.93	3.00	4.20	7.20	8.57	29.97	21.40
	56	19.403	17.739	1.22	1.65	2.86	4.57	23.87	19.30	2.74	3.72	6.46	8.10	29.97	21.87
5550	53	19.152	17.710	1.28	0.22	1.50	1.76	23.82	22.06	2.88	0.50	3.38	5.29	29.97	24.68
	54	24.238	19.431	1.46	1.77	3.23	5.10	23.97	18.87	3.29	4.00	7.29	8.63	29.97	21.34
	56	19.450	17.755	1.24	1.67	2.91	4.64	23.88	19.24	2.79	3.78	6.56	8.17	29.97	21.80
5670	53	19.399	17.731	1.27	1.56	2.83	4.51	23.87	19.36	2.86	3.52	6.37	8.04	29.97	21.93
	54	23.249	19.277	1.45	1.99	3.43	5.35	23.97	18.62	3.26	4.48	7.74	8.88	29.97	21.09
	56	19.287	17.750	1.23	1.66	2.89	4.61	23.85	19.24	2.77	3.75	6.52	8.14	29.97	21.83
5755	53	-	17.681	0.54	0.76	1.31	1.16	30.00	28.84	1.09	1.54	2.64	4.21	36.00	31.79
	54	-	19.390	0.63	0.86	1.49	1.74	30.00	28.26	1.26	1.75	3.01	4.79	36.00	31.21
	56	-	17.750	0.52	0.74	1.26	0.99	30.00	29.01	1.04	1.50	2.54	4.04	36.00	31.96
5795	53	-	17.740	0.50	0.77	1.27	1.03	30.00	28.97	1.01	1.55	2.56	4.08	36.00	31.92
	54	-	19.218	0.63	0.92	1.55	1.91	30.00	28.09	1.28	1.86	3.13	4.96	36.00	31.04
	56	-	17.774	0.49	0.74	1.23	0.90	30.00	29.10	1.00	1.49	2.48	3.95	36.00	32.05

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	ANT0					ANT1					Result [dBm]	
			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]
5510	53	0.00	-12.07	3.14	9.98	3.53	1.05	4.58	-11.25	3.16	10.09	3.53	2.00	5.53
	54	0.00	-11.88	3.14	9.98	3.53	1.24	4.77	-10.55	3.16	10.09	3.53	2.70	6.23
	56	0.00	-12.27	3.14	9.98	3.53	0.85	4.38	-11.08	3.16	10.09	3.53	2.17	5.70
5550	53	0.00	-12.06	3.15	9.98	3.53	1.07	4.60	-19.81	3.17	10.09	3.53	-6.55	-3.02
	54	0.00	-11.49	3.15	9.98	3.53	1.64	5.17	-10.77	3.17	10.09	3.53	2.49	6.02
	56	0.00	-12.21	3.15	9.98	3.53	0.92	4.45	-11.02	3.17	10.09	3.53	2.24	5.77
5670	53	0.00	-12.13	3.18	9.98	3.53	1.03	4.56	-11.36	3.20	10.09	3.53	1.93	5.46
	54	0.00	-11.56	3.18	9.98	3.53	1.60	5.13	-10.31	3.20	10.09	3.53	2.98	6.51
	56	0.00	-12.27	3.18	9.98	3.53	0.89	4.42	-11.08	3.20	10.09	3.53	2.21	5.74
5755	53	0.00	-15.84	3.20	9.98	3.05	-2.66	0.39	-14.48	3.22	10.09	3.05	-1.17	1.88
	54	0.00	-15.21	3.20	9.98	3.05	-2.03	1.02	-13.94	3.22	10.09	3.05	-0.63	2.42
	56	0.00	-16.06	3.20	9.98	3.05	-2.88	0.17	-14.61	3.22	10.09	3.05	-1.30	1.75
5795	53	0.00	-16.19	3.21	9.98	3.05	-3.00	0.05	-14.49	3.23	10.10	3.05	-1.16	1.89
	54	0.00	-15.18	3.21	9.98	3.05	-1.99	1.06	-13.69	3.23	10.10	3.05	-0.36	2.69
	56	0.00	-16.25	3.21	9.98	3.05	-3.06	-0.01	-14.66	3.23	10.10	3.05	-1.33	1.72

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

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

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

* 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 4, 2023
Temperature / Humidity 23 deg. C / 40 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-40 (OFDMA) 242-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5190	61	-	19.237	1.50	1.97	3.48	5.41	23.97	18.56	4.91	6.44	11.35	10.55	29.97	19.42
	62	-	19.228	1.48	1.92	3.41	5.32	23.97	18.65	4.84	6.28	11.12	10.46	29.97	19.51
5230	61	-	19.234	1.53	1.66	3.19	5.04	23.97	18.93	5.00	5.42	10.42	10.18	29.97	19.79
	62	-	19.169	1.50	2.03	3.53	5.47	23.97	18.50	4.90	6.62	11.52	10.61	29.97	19.36
5270	61	25.316	19.159	1.33	1.88	3.21	5.06	23.97	18.91	4.35	6.14	10.48	10.20	29.97	19.77
	62	25.374	19.243	1.30	1.81	3.11	4.93	23.97	19.04	4.26	5.90	10.16	10.07	29.97	19.90
5310	61	25.674	19.152	1.29	1.95	3.24	5.11	23.97	18.86	4.22	6.37	10.58	10.25	29.97	19.72
	62	25.377	19.254	1.39	1.91	3.30	5.19	23.97	18.78	4.54	6.25	10.79	10.33	29.97	19.64

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]
5190	61	0.00	-11.25	3.04	9.98	5.14	1.77	6.91	-10.20	3.06	10.09	5.14	2.95	8.09
	62	0.00	-11.31	3.04	9.98	5.14	1.71	6.85	-10.31	3.06	10.09	5.14	2.84	7.98
5230	61	0.00	-11.19	3.06	9.98	5.14	1.85	6.99	-10.96	3.07	10.09	5.14	2.20	7.34
	62	0.00	-11.28	3.06	9.98	5.14	1.76	6.90	-10.09	3.07	10.09	5.14	3.07	8.21
5270	61	0.00	-11.81	3.07	9.98	5.14	1.24	6.38	-10.43	3.08	10.09	5.14	2.74	7.88
	62	0.00	-11.90	3.07	9.98	5.14	1.15	6.29	-10.60	3.08	10.09	5.14	2.57	7.71
5310	61	0.00	-11.95	3.08	9.98	5.14	1.11	6.25	-10.28	3.09	10.09	5.14	2.90	8.04
	62	0.00	-11.63	3.08	9.98	5.14	1.43	6.57	-10.36	3.09	10.09	5.14	2.82	7.96

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

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

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

* 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 4, 2023
Temperature / Humidity 23 deg. C / 40 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-40 (OFDMA) 242-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [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]			
5510	61	24.676	19.337	2.56	3.57	6.14	7.88	23.97	16.09	5.78	8.05	13.83	11.41	29.97	18.56
	62	25.216	19.116	2.56	3.40	5.95	7.75	23.97	16.22	5.77	7.66	13.42	11.28	29.97	18.69
5550	61	25.098	19.156	2.59	3.56	6.14	7.88	23.97	16.09	5.83	8.02	13.85	11.41	29.97	18.56
	62	25.111	19.218	2.53	3.44	5.96	7.76	23.97	16.21	5.70	7.74	13.45	11.29	29.97	18.68
5670	61	27.023	19.163	2.60	3.48	6.08	7.84	23.97	16.13	5.86	7.83	13.70	11.37	29.97	18.60
	62	25.224	19.185	2.49	3.37	5.85	7.67	23.97	16.30	5.61	7.59	13.20	11.20	29.97	18.77
5755	61	-	19.142	1.11	1.61	2.72	4.35	30.00	25.65	2.24	3.26	5.50	7.40	36.00	28.60
	62	-	19.348	1.23	1.63	2.86	4.56	30.00	25.44	2.49	3.28	5.77	7.61	36.00	28.39
5795	61	-	19.245	1.11	1.66	2.78	4.43	30.00	25.57	2.24	3.36	5.60	7.48	36.00	28.52
	62	-	19.132	1.10	1.64	2.74	4.38	30.00	25.62	2.23	3.30	5.53	7.43	36.00	28.57

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]
5510	61	0.00	-9.03	3.14	9.98	3.53	4.09	7.62	-7.72	3.16	10.09	3.53	5.53	9.06
	62	0.00	-9.04	3.14	9.98	3.53	4.08	7.61	-7.94	3.16	10.09	3.53	5.31	8.84
5550	61	0.00	-9.00	3.15	9.98	3.53	4.13	7.66	-7.75	3.17	10.09	3.53	5.51	9.04
	62	0.00	-9.10	3.15	9.98	3.53	4.03	7.56	-7.90	3.17	10.09	3.53	5.36	8.89
5670	61	0.00	-9.01	3.18	9.98	3.53	4.15	7.68	-7.88	3.20	10.09	3.53	5.41	8.94
	62	0.00	-9.20	3.18	9.98	3.53	3.96	7.49	-8.02	3.20	10.09	3.53	5.27	8.80
5755	61	0.00	-12.73	3.20	9.98	3.05	0.45	3.50	-11.23	3.22	10.09	3.05	2.08	5.13
	62	0.00	-12.27	3.20	9.98	3.05	0.91	3.96	-11.20	3.22	10.09	3.05	2.11	5.16
5795	61	0.00	-12.73	3.21	9.98	3.05	0.46	3.51	-11.12	3.23	10.10	3.05	2.21	5.26
	62	0.00	-12.76	3.21	9.98	3.05	0.43	3.48	-11.19	3.23	10.10	3.05	2.14	5.19

Sample Calculation:

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

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

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

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

* 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 4, 2023
Temperature / Humidity 23 deg. C / 40 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-40 (OFDMA) 484-tone RU

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

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5190	-	37.718	2.76	4.44	7.20	8.57	23.97	15.40	9.02	14.49	23.50	13.71	29.97	16.26
5230	-	37.710	2.51	4.16	6.67	8.24	23.97	15.73	8.18	13.58	21.77	13.38	29.97	16.59
5270	39.974	37.685	2.31	4.27	6.58	8.18	23.97	15.79	7.55	13.93	21.48	13.32	29.97	16.65
5310	40.003	37.706	2.52	4.04	6.56	8.17	23.97	15.80	8.24	13.18	21.42	13.31	29.97	16.66
5510	39.864	37.732	4.70	6.84	11.54	10.62	23.97	13.35	10.59	15.42	26.01	14.15	29.97	15.82
5550	39.830	37.714	4.72	6.92	11.64	10.66	23.97	13.31	10.64	15.60	26.24	14.19	29.97	15.78
5670	39.728	37.785	4.80	7.00	11.80	10.72	23.97	13.25	10.81	15.78	26.59	14.25	29.97	15.72
5755	-	37.702	1.95	3.53	5.49	7.39	30.00	22.61	3.94	7.13	11.07	10.44	36.00	25.56
5795	-	37.619	1.93	3.24	5.18	7.14	30.00	22.86	3.90	6.55	10.45	10.19	36.00	25.81

ANT0									ANT1					
Tested Frequency [MHz]	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]
5190	0.00	-8.61	3.04	9.98	5.14	4.41	9.55	-6.68	3.06	10.09	5.14	6.47	11.61	
5230	0.00	-9.05	3.06	9.98	5.14	3.99	9.13	-6.97	3.07	10.09	5.14	6.19	11.33	
5270	0.00	-9.41	3.07	9.98	5.14	3.64	8.78	-6.87	3.08	10.09	5.14	6.30	11.44	
5310	0.00	-9.04	3.08	9.98	5.14	4.02	9.16	-7.12	3.09	10.09	5.14	6.06	11.20	
5510	0.00	-6.40	3.14	9.98	3.53	6.72	10.25	-4.90	3.16	10.09	3.53	8.35	11.88	
5550	0.00	-6.39	3.15	9.98	3.53	6.74	10.27	-4.86	3.17	10.09	3.53	8.40	11.93	
5670	0.00	-6.35	3.18	9.98	3.53	6.81	10.34	-4.84	3.20	10.09	3.53	8.45	11.98	
5755	0.00	-10.27	3.20	9.98	3.05	2.91	5.96	-7.83	3.22	10.09	3.05	5.48	8.53	
5795	0.00	-10.33	3.21	9.98	3.05	2.86	5.91	-8.22	3.23	10.10	3.05	5.11	8.16	

Sample Calculation:

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

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

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 26-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5190	0	-	17.914	0.08	0.11	0.19	-7.20	23.97	31.17	0.28	0.35	0.62	-2.06	29.97	32.03
	8	-	21.215	0.11	0.14	0.25	-5.95	23.97	29.92	0.36	0.47	0.83	-0.81	29.97	30.78
	17	-	18.060	0.08	0.10	0.18	-7.54	23.97	31.51	0.26	0.32	0.58	-2.40	29.97	32.37
5230	0	-	17.907	0.08	0.12	0.20	-6.98	23.97	30.95	0.27	0.39	0.65	-1.84	29.97	31.81
	8	-	21.184	0.12	0.13	0.25	-6.08	23.97	30.05	0.38	0.42	0.80	-0.94	29.97	30.91
	17	-	18.096	0.07	0.10	0.17	-7.69	23.97	31.66	0.23	0.32	0.56	-2.55	29.97	32.52
5270	0	18.980	17.942	0.07	0.10	0.16	-7.89	23.78	31.67	0.22	0.31	0.53	-2.75	29.97	32.72
	8	21.491	20.711	0.09	0.13	0.22	-6.58	23.97	30.55	0.29	0.42	0.72	-1.44	29.97	31.41
	17	19.050	18.012	0.07	0.10	0.16	-7.84	23.79	31.63	0.22	0.31	0.54	-2.70	29.97	32.67
5310	0	18.963	17.978	0.07	0.08	0.15	-8.21	23.77	31.98	0.22	0.27	0.49	-3.07	29.97	33.04
	8	21.560	20.737	0.10	0.13	0.23	-6.36	23.97	30.33	0.33	0.43	0.75	-1.22	29.97	31.19
	17	19.011	18.026	0.08	0.08	0.15	-8.10	23.79	31.89	0.26	0.25	0.51	-2.96	29.97	32.93

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]
5190	0	0.00	-13.77	3.04	0.00	5.14	-10.73	-5.59	-12.80	3.06	0.00	5.14	-9.74	-4.60
	8	0.00	-12.61	3.04	0.00	5.14	-9.57	-4.43	-11.49	3.06	0.00	5.14	-8.43	-3.29
	17	0.00	-14.05	3.04	0.00	5.14	-11.01	-5.87	-13.20	3.06	0.00	5.14	-10.14	-5.00
5230	0	0.00	-13.94	3.06	0.00	5.14	-10.88	-5.74	-12.33	3.07	0.00	5.14	-9.26	-4.12
	8	0.00	-12.39	3.06	0.00	5.14	-9.33	-4.19	-11.94	3.07	0.00	5.14	-8.87	-3.73
	17	0.00	-14.53	3.06	0.00	5.14	-11.47	-6.33	-13.12	3.07	0.00	5.14	-10.05	-4.91
5270	0	0.00	-14.83	3.07	0.00	5.14	-11.76	-6.62	-13.26	3.08	0.00	5.14	-10.18	-5.04
	8	0.00	-13.53	3.07	0.00	5.14	-10.46	-5.32	-11.94	3.08	0.00	5.14	-8.86	-3.72
	17	0.00	-14.74	3.07	0.00	5.14	-11.67	-6.53	-13.24	3.08	0.00	5.14	-10.16	-5.02
5310	0	0.00	-14.76	3.08	0.00	5.14	-11.68	-6.54	-13.90	3.09	0.00	5.14	-10.81	-5.67
	8	0.00	-13.06	3.08	0.00	5.14	-9.98	-4.84	-11.93	3.09	0.00	5.14	-8.84	-3.70
	17	0.00	-14.07	3.08	0.00	5.14	-10.99	-5.85	-14.32	3.09	0.00	5.14	-11.23	-6.09

Sample Calculation:

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

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

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 26-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5510	0	19.011	17.921	0.06	0.10	0.16	-7.85	23.79	31.64	0.15	0.22	0.37	-4.32	29.97	34.29
	8	21.643	20.545	0.08	0.11	0.19	-7.23	23.97	31.20	0.19	0.24	0.43	-3.70	29.97	33.67
	17	18.971	18.017	0.06	0.09	0.15	-8.12	23.78	31.90	0.14	0.21	0.35	-4.59	29.97	34.56
5550	0	18.995	17.941	0.07	0.09	0.16	-7.92	23.78	31.70	0.16	0.20	0.36	-4.39	29.97	34.36
	8	21.735	20.711	0.09	0.11	0.20	-6.99	23.97	30.96	0.20	0.25	0.45	-3.46	29.97	33.43
	17	19.015	17.996	0.08	0.09	0.17	-7.78	23.79	31.57	0.17	0.21	0.38	-4.25	29.97	34.22
5670	0	18.844	17.948	0.06	0.08	0.15	-8.37	23.75	32.12	0.14	0.18	0.33	-4.84	29.97	34.81
	8	21.295	20.579	0.08	0.10	0.19	-7.30	23.97	31.27	0.19	0.23	0.42	-3.77	29.97	33.74
	17	19.006	17.948	0.06	0.08	0.15	-8.37	23.78	32.15	0.14	0.18	0.33	-4.84	29.97	34.81
5755	0	-	17.961	0.08	0.10	0.18	-7.49	30.00	37.49	0.16	0.20	0.36	-4.44	36.00	40.44
	8	-	20.799	0.10	0.14	0.23	-6.34	30.00	36.34	0.19	0.28	0.47	-3.29	36.00	39.29
	17	-	18.072	0.08	0.11	0.19	-7.33	30.00	37.33	0.15	0.22	0.37	-4.28	36.00	40.28
5795	0	-	18.012	0.07	0.09	0.16	-8.04	30.00	38.04	0.14	0.18	0.32	-4.99	36.00	40.99
	8	-	20.558	0.09	0.12	0.22	-6.63	30.00	36.63	0.19	0.25	0.44	-3.58	36.00	39.58
	17	-	18.066	0.07	0.09	0.15	-8.17	30.00	38.17	0.14	0.17	0.31	-5.12	36.00	41.12

			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]
5510	0	0.00	-15.05	3.14	0.00	3.53	-11.91	-8.38	-13.17	3.16	0.00	3.53	-10.01	-6.48
	8	0.00	-13.98	3.14	0.00	3.53	-10.84	-7.31	-12.87	3.16	0.00	3.53	-9.71	-6.18
	17	0.00	-15.23	3.14	0.00	3.53	-12.09	-8.56	-13.51	3.16	0.00	3.53	-10.35	-6.82
5550	0	0.00	-14.54	3.15	0.00	3.53	-11.39	-7.86	-13.69	3.17	0.00	3.53	-10.52	-6.99
	8	0.00	-13.59	3.15	0.00	3.53	-10.44	-6.91	-12.78	3.17	0.00	3.53	-9.61	-6.08
	17	0.00	-14.36	3.15	0.00	3.53	-11.21	-7.68	-13.58	3.17	0.00	3.53	-10.41	-6.88
5670	0	0.00	-15.12	3.18	0.00	3.53	-11.94	-8.41	-14.09	3.20	0.00	3.53	-10.89	-7.36
	8	0.00	-13.89	3.18	0.00	3.53	-10.71	-7.18	-13.15	3.20	0.00	3.53	-9.95	-6.42
	17	0.00	-15.13	3.18	0.00	3.53	-11.95	-8.42	-14.07	3.20	0.00	3.53	-10.87	-7.34
5755	0	0.00	-14.25	3.20	0.00	3.05	-11.05	-8.00	-13.23	3.22	0.00	3.05	-10.01	-6.96
	8	0.00	-13.41	3.20	0.00	3.05	-10.21	-7.16	-11.86	3.22	0.00	3.05	-8.64	-5.59
	17	0.00	-14.35	3.20	0.00	3.05	-11.15	-8.10	-12.87	3.22	0.00	3.05	-9.65	-6.60
5795	0	0.00	-14.82	3.21	0.00	3.05	-11.61	-8.56	-13.79	3.23	0.00	3.05	-10.56	-7.51
	8	0.00	-13.53	3.21	0.00	3.05	-10.32	-7.27	-12.28	3.23	0.00	3.05	-9.05	-6.00
	17	0.00	-14.93	3.21	0.00	3.05	-11.72	-8.67	-13.93	3.23	0.00	3.05	-10.70	-7.65

Sample Calculation:

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

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

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 52-tone RU Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [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]			
5190	37	-	17.841	0.09	0.11	0.20	-7.06	23.97	31.03	0.28	0.36	0.64	-1.92	29.97	31.89
	40	-	20.442	0.11	0.14	0.25	-6.09	23.97	30.06	0.35	0.46	0.80	-0.95	29.97	30.92
	44	-	17.899	0.09	0.11	0.20	-7.00	23.97	30.97	0.28	0.37	0.65	-1.86	29.97	31.83
5230	37	-	17.833	0.10	0.12	0.22	-6.63	23.97	30.60	0.31	0.40	0.71	-1.49	29.97	31.46
	40	-	20.524	0.11	0.13	0.23	-6.30	23.97	30.27	0.35	0.42	0.77	-1.16	29.97	31.13
	44	-	18.005	0.10	0.12	0.21	-6.71	23.97	30.68	0.32	0.38	0.70	-1.57	29.97	31.54
5270	37	19.085	17.867	0.07	0.11	0.18	-7.48	23.80	31.28	0.23	0.35	0.58	-2.34	29.97	32.31
	40	22.067	19.987	0.09	0.13	0.22	-6.62	23.97	30.59	0.28	0.43	0.71	-1.48	29.97	31.45
	44	19.094	17.862	0.07	0.10	0.18	-7.56	23.80	31.36	0.23	0.34	0.57	-2.42	29.97	32.39
5310	37	19.087	17.838	0.08	0.09	0.18	-7.49	23.80	31.29	0.27	0.31	0.58	-2.35	29.97	32.32
	40	22.068	20.064	0.10	0.13	0.23	-6.34	23.97	30.31	0.33	0.43	0.76	-1.20	29.97	31.17
	44	19.251	17.902	0.08	0.11	0.19	-7.29	23.84	31.13	0.26	0.35	0.61	-2.15	29.97	32.12

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]
5190	37	0.00	-13.71	3.04	0.00	5.14	-10.67	-5.53	-12.60	3.06	0.00	5.14	-9.54	-4.40
	40	0.00	-12.78	3.04	0.00	5.14	-9.74	-4.60	-11.61	3.06	0.00	5.14	-8.55	-3.41
	44	0.00	-13.70	3.04	0.00	5.14	-10.66	-5.52	-12.50	3.06	0.00	5.14	-9.44	-4.30
5230	37	0.00	-13.23	3.06	0.00	5.14	-10.17	-5.03	-12.24	3.07	0.00	5.14	-9.17	-4.03
	40	0.00	-12.80	3.06	0.00	5.14	-9.74	-4.60	-11.99	3.07	0.00	5.14	-8.92	-3.78
	44	0.00	-13.17	3.06	0.00	5.14	-10.11	-4.97	-12.43	3.07	0.00	5.14	-9.36	-4.22
5270	37	0.00	-14.61	3.07	0.00	5.14	-11.54	-6.40	-12.72	3.08	0.00	5.14	-9.64	-4.50
	40	0.00	-13.68	3.07	0.00	5.14	-10.61	-5.47	-11.91	3.08	0.00	5.14	-8.83	-3.69
	44	0.00	-14.60	3.07	0.00	5.14	-11.53	-6.39	-12.87	3.08	0.00	5.14	-9.79	-4.65
5310	37	0.00	-13.84	3.08	0.00	5.14	-10.76	-5.62	-13.34	3.09	0.00	5.14	-10.25	-5.11
	40	0.00	-13.02	3.08	0.00	5.14	-9.94	-4.80	-11.93	3.09	0.00	5.14	-8.84	-3.70
	44	0.00	-14.00	3.08	0.00	5.14	-10.92	-5.78	-12.84	3.09	0.00	5.14	-9.75	-4.61

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 + Antenna Gain

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 52-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5510	37	19.340	17.832	0.07	0.10	0.17	-7.79	23.86	31.65	0.15	0.23	0.37	-4.26	29.97	34.23
	40	22.410	19.755	0.10	0.12	0.22	-6.66	23.97	30.63	0.21	0.27	0.49	-3.13	29.97	33.10
	44	19.103	17.873	0.08	0.10	0.18	-7.55	23.81	31.36	0.17	0.23	0.40	-4.02	29.97	33.99
5550	37	19.288	17.844	0.08	0.09	0.17	-7.69	23.85	31.54	0.18	0.21	0.38	-4.16	29.97	34.13
	40	22.460	19.777	0.09	0.11	0.20	-7.00	23.97	30.97	0.20	0.25	0.45	-3.47	29.97	33.44
	44	19.264	17.844	0.07	0.09	0.16	-7.86	23.84	31.70	0.16	0.20	0.37	-4.33	29.97	34.30
5670	37	19.046	17.826	0.08	0.08	0.16	-7.97	23.79	31.76	0.17	0.19	0.36	-4.44	29.97	34.41
	40	22.018	19.929	0.09	0.10	0.19	-7.31	23.97	31.28	0.19	0.23	0.42	-3.78	29.97	33.75
	44	19.321	17.890	0.07	0.08	0.16	-8.04	23.86	31.90	0.17	0.19	0.35	-4.51	29.97	34.48
5755	37	-	17.804	0.08	0.10	0.18	-7.36	30.00	37.36	0.17	0.21	0.37	-4.31	36.00	40.31
	40	-	20.245	0.09	0.12	0.22	-6.63	30.00	36.63	0.19	0.25	0.44	-3.58	36.00	39.58
	44	-	17.746	0.08	0.10	0.18	-7.53	30.00	37.53	0.16	0.20	0.36	-4.48	36.00	40.48
5795	37	-	17.940	0.07	0.10	0.17	-7.62	30.00	37.62	0.15	0.20	0.35	-4.57	36.00	40.57
	40	-	19.722	0.09	0.13	0.22	-6.59	30.00	36.59	0.19	0.25	0.44	-3.54	36.00	39.54
	44	-	17.844	0.07	0.11	0.18	-7.49	30.00	37.49	0.14	0.21	0.36	-4.44	36.00	40.44

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]
5510	37	0.00	-14.99	3.14	0.00	3.53	-11.85	-8.32	-13.12	3.16	0.00	3.53	-9.96	-6.43
	40	0.00	-13.35	3.14	0.00	3.53	-10.21	-6.68	-12.35	3.16	0.00	3.53	-9.19	-5.66
	44	0.00	-14.38	3.14	0.00	3.53	-11.24	-7.71	-13.14	3.16	0.00	3.53	-9.98	-6.45
5550	37	0.00	-14.22	3.15	0.00	3.53	-11.07	-7.54	-13.53	3.17	0.00	3.53	-10.36	-6.83
	40	0.00	-13.63	3.15	0.00	3.53	-10.48	-6.95	-12.75	3.17	0.00	3.53	-9.58	-6.05
	44	0.00	-14.51	3.15	0.00	3.53	-11.36	-7.83	-13.60	3.17	0.00	3.53	-10.43	-6.90
5670	37	0.00	-14.35	3.18	0.00	3.53	-11.17	-7.64	-13.99	3.20	0.00	3.53	-10.79	-7.26
	40	0.00	-13.88	3.18	0.00	3.53	-10.70	-7.17	-13.17	3.20	0.00	3.53	-9.97	-6.44
	44	0.00	-14.48	3.18	0.00	3.53	-11.30	-7.77	-14.01	3.20	0.00	3.53	-10.81	-7.28
5755	37	0.00	-14.07	3.20	0.00	3.05	-10.87	-7.82	-13.14	3.22	0.00	3.05	-9.92	-6.87
	40	0.00	-13.46	3.20	0.00	3.05	-10.26	-7.21	-12.31	3.22	0.00	3.05	-9.09	-6.04
	44	0.00	-14.27	3.20	0.00	3.05	-11.07	-8.02	-13.28	3.22	0.00	3.05	-10.06	-7.01
5795	37	0.00	-14.48	3.21	0.00	3.05	-11.27	-8.22	-13.30	3.23	0.00	3.05	-10.07	-7.02
	40	0.00	-13.51	3.21	0.00	3.05	-10.30	-7.25	-12.22	3.23	0.00	3.05	-8.99	-5.94
	44	0.00	-14.65	3.21	0.00	3.05	-11.44	-8.39	-12.96	3.23	0.00	3.05	-9.73	-6.68

Sample Calculation:

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

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

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 106 -tone RU Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5190	53	-	17.695	0.09	0.12	0.21	-6.84	23.97	30.81	0.29	0.38	0.68	-1.70	29.97	31.67
	54	-	19.827	0.10	0.14	0.24	-6.24	23.97	30.21	0.33	0.44	0.78	-1.10	29.97	31.07
	56	-	17.737	0.09	0.12	0.21	-6.79	23.97	30.76	0.29	0.39	0.68	-1.65	29.97	31.62
5230	53	-	17.714	0.09	0.11	0.20	-6.94	23.97	30.91	0.29	0.37	0.66	-1.80	29.97	31.77
	54	-	19.768	0.11	0.14	0.25	-6.05	23.97	30.02	0.36	0.45	0.81	-0.91	29.97	30.88
	56	-	17.733	0.12	0.12	0.24	-6.21	23.97	30.18	0.40	0.39	0.78	-1.07	29.97	31.04
5270	53	19.240	17.712	0.07	0.11	0.18	-7.49	23.84	31.33	0.23	0.35	0.58	-2.35	29.97	32.32
	54	23.587	19.231	0.08	0.12	0.20	-6.93	23.97	30.90	0.27	0.39	0.66	-1.79	29.97	31.76
	56	19.389	17.725	0.07	0.10	0.16	-7.84	23.87	31.71	0.22	0.32	0.54	-2.70	29.97	32.67
5310	53	19.155	17.738	0.08	0.10	0.18	-7.35	23.82	31.17	0.26	0.34	0.60	-2.21	29.97	32.18
	54	24.407	19.342	0.09	0.12	0.21	-6.77	23.97	30.74	0.30	0.39	0.69	-1.63	29.97	31.60
	56	19.490	17.755	0.08	0.10	0.18	-7.56	23.89	31.45	0.25	0.32	0.57	-2.42	29.97	32.39

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]
5190	53	0.00	-13.53	3.04	0.00	5.14	-10.49	-5.35	-12.36	3.06	0.00	5.14	-9.30	-4.16
	54	0.00	-12.94	3.04	0.00	5.14	-9.90	-4.76	-11.75	3.06	0.00	5.14	-8.69	-3.55
	56	0.00	-13.54	3.04	0.00	5.14	-10.50	-5.36	-12.25	3.06	0.00	5.14	-9.19	-4.05
5230	53	0.00	-13.59	3.06	0.00	5.14	-10.53	-5.39	-12.51	3.07	0.00	5.14	-9.44	-4.30
	54	0.00	-12.61	3.06	0.00	5.14	-9.55	-4.41	-11.69	3.07	0.00	5.14	-8.62	-3.48
	56	0.00	-12.23	3.06	0.00	5.14	-9.17	-4.03	-12.34	3.07	0.00	5.14	-9.27	-4.13
5270	53	0.00	-14.62	3.07	0.00	5.14	-11.55	-6.41	-12.73	3.08	0.00	5.14	-9.65	-4.51
	54	0.00	-13.94	3.07	0.00	5.14	-10.87	-5.73	-12.26	3.08	0.00	5.14	-9.18	-4.04
	56	0.00	-14.78	3.07	0.00	5.14	-11.71	-6.57	-13.21	3.08	0.00	5.14	-10.13	-4.99
5310	53	0.00	-14.03	3.08	0.00	5.14	-10.95	-5.81	-12.93	3.09	0.00	5.14	-9.84	-4.70
	54	0.00	-13.43	3.08	0.00	5.14	-10.35	-5.21	-12.37	3.09	0.00	5.14	-9.28	-4.14
	56	0.00	-14.21	3.08	0.00	5.14	-11.13	-5.99	-13.17	3.09	0.00	5.14	-10.08	-4.94

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

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 106 -tone RU Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz] (B for FCC)	99% OBW [MHz] (B for IC)	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]			
5510	53	19.201	17.706	0.08	0.10	0.18	-7.46	23.83	31.29	0.18	0.23	0.40	-3.93	29.97	33.90
	54	24.655	19.522	0.09	0.11	0.20	-6.97	23.97	30.94	0.20	0.26	0.45	-3.44	29.97	33.41
	56	19.403	17.739	0.07	0.10	0.17	-7.69	23.87	31.56	0.17	0.22	0.38	-4.16	29.97	34.13
5550	53	19.152	17.710	0.08	0.09	0.17	-7.67	23.82	31.49	0.18	0.20	0.39	-4.14	29.97	34.11
	54	24.238	19.431	0.08	0.10	0.19	-7.26	23.97	31.23	0.19	0.23	0.42	-3.73	29.97	33.70
	56	19.450	17.755	0.07	0.09	0.16	-7.87	23.88	31.75	0.16	0.21	0.37	-4.34	29.97	34.31
5670	53	19.399	17.731	0.08	0.09	0.16	-7.86	23.87	31.73	0.17	0.20	0.37	-4.33	29.97	34.30
	54	23.249	19.277	0.09	0.10	0.19	-7.27	23.97	31.24	0.20	0.22	0.42	-3.74	29.97	33.71
	56	19.287	17.750	0.07	0.09	0.16	-7.92	23.85	31.77	0.17	0.20	0.36	-4.39	29.97	34.36
5755	53	-	17.681	0.08	0.11	0.19	-7.16	30.00	37.16	0.16	0.23	0.39	-4.11	36.00	40.11
	54	-	19.390	0.09	0.12	0.21	-6.69	30.00	36.69	0.18	0.25	0.43	-3.64	36.00	39.64
	56	-	17.750	0.08	0.11	0.19	-7.22	30.00	37.22	0.17	0.22	0.38	-4.17	36.00	40.17
5795	53	-	17.740	0.07	0.11	0.18	-7.36	30.00	37.36	0.15	0.22	0.37	-4.31	36.00	40.31
	54	-	19.218	0.09	0.13	0.22	-6.50	30.00	36.50	0.18	0.27	0.45	-3.45	36.00	39.45
	56	-	17.774	0.08	0.11	0.19	-7.21	30.00	37.21	0.17	0.22	0.38	-4.16	36.00	40.16

			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 [dBm]	e.i.r.p. [dBm]	[dBm]	[dB]	[dB]	[dBi]	Cond. Power [dBm]	e.i.r.p. [dBm]
5510	53	0.00	-14.22	3.14	0.00	3.53	-11.08	-7.55	-13.09	3.16	0.00	3.53	-9.93	-6.40
	54	0.00	-13.73	3.14	0.00	3.53	-10.59	-7.06	-12.61	3.16	0.00	3.53	-9.45	-5.92
	56	0.00	-14.48	3.14	0.00	3.53	-11.34	-7.81	-13.30	3.16	0.00	3.53	-10.14	-6.61
5550	53	0.00	-14.02	3.15	0.00	3.53	-10.87	-7.34	-13.67	3.17	0.00	3.53	-10.50	-6.97
	54	0.00	-13.86	3.15	0.00	3.53	-10.71	-7.18	-13.04	3.17	0.00	3.53	-9.87	-6.34
	56	0.00	-14.60	3.15	0.00	3.53	-11.45	-7.92	-13.54	3.17	0.00	3.53	-10.37	-6.84
5670	53	0.00	-14.37	3.18	0.00	3.53	-11.19	-7.66	-13.78	3.20	0.00	3.53	-10.58	-7.05
	54	0.00	-13.71	3.18	0.00	3.53	-10.53	-7.00	-13.24	3.20	0.00	3.53	-10.04	-6.51
	56	0.00	-14.49	3.18	0.00	3.53	-11.31	-7.78	-13.79	3.20	0.00	3.53	-10.59	-7.06
5755	53	0.00	-14.17	3.20	0.00	3.05	-10.97	-7.92	-12.71	3.22	0.00	3.05	-9.49	-6.44
	54	0.00	-13.61	3.20	0.00	3.05	-10.41	-7.36	-12.31	3.22	0.00	3.05	-9.09	-6.04
	56	0.00	-14.02	3.20	0.00	3.05	-10.82	-7.77	-12.94	3.22	0.00	3.05	-9.72	-6.67
5795	53	0.00	-14.57	3.21	0.00	3.05	-11.36	-8.31	-12.79	3.23	0.00	3.05	-9.56	-6.51
	54	0.00	-13.70	3.21	0.00	3.05	-10.49	-7.44	-11.94	3.23	0.00	3.05	-8.71	-5.66
	56	0.00	-14.02	3.21	0.00	3.05	-10.81	-7.76	-12.94	3.23	0.00	3.05	-9.71	-6.66

Sample Calculation:

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

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

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 242-tone RU Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5190	61	-	19.237	0.08	0.10	0.18	-7.50	23.97	31.47	0.26	0.32	0.58	-2.36	29.97	32.33
	62	-	19.228	0.08	0.10	0.18	-7.44	23.97	31.41	0.26	0.33	0.59	-2.30	29.97	32.27
5230	61	-	19.234	0.09	0.11	0.20	-6.92	23.97	30.89	0.31	0.36	0.66	-1.78	29.97	31.75
	62	-	19.169	0.10	0.11	0.20	-6.94	23.97	30.91	0.32	0.35	0.66	-1.80	29.97	31.77
5270	61	25.316	19.159	0.07	0.11	0.18	-7.43	23.97	31.40	0.24	0.35	0.59	-2.29	29.97	32.26
	62	25.374	19.243	0.08	0.11	0.19	-7.29	23.97	31.26	0.26	0.35	0.61	-2.15	29.97	32.12
5310	61	25.674	19.152	0.08	0.11	0.19	-7.31	23.97	31.28	0.26	0.34	0.61	-2.17	29.97	32.14
	62	25.377	19.254	0.08	0.10	0.18	-7.38	23.97	31.35	0.26	0.34	0.60	-2.24	29.97	32.21

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]
5190	61	0.00	-14.08	3.04	0.00	5.14	-11.04	-5.90	-13.09	3.06	0.00	5.14	-10.03	-4.89
	62	0.00	-14.01	3.04	0.00	5.14	-10.97	-5.83	-13.05	3.06	0.00	5.14	-9.99	-4.85
5230	61	0.00	-13.31	3.06	0.00	5.14	-10.25	-5.11	-12.70	3.07	0.00	5.14	-9.63	-4.49
	62	0.00	-13.21	3.06	0.00	5.14	-10.15	-5.01	-12.83	3.07	0.00	5.14	-9.76	-4.62
5270	61	0.00	-14.45	3.07	0.00	5.14	-11.38	-6.24	-12.74	3.08	0.00	5.14	-9.66	-4.52
	62	0.00	-13.99	3.07	0.00	5.14	-10.92	-5.78	-12.83	3.08	0.00	5.14	-9.75	-4.61
5310	61	0.00	-14.03	3.08	0.00	5.14	-10.95	-5.81	-12.86	3.09	0.00	5.14	-9.77	-4.63
	62	0.00	-14.05	3.08	0.00	5.14	-10.97	-5.83	-12.97	3.09	0.00	5.14	-9.88	-4.74

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

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 242-tone RU Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5510	61	24.676	19.337	0.08	0.10	0.18	-7.40	23.97	31.37	0.18	0.23	0.41	-3.87	29.97	33.84
	62	25.216	19.116	0.08	0.10	0.18	-7.37	23.97	31.34	0.18	0.23	0.41	-3.84	29.97	33.81
5550	61	25.098	19.156	0.08	0.09	0.17	-7.63	23.97	31.60	0.18	0.21	0.39	-4.10	29.97	34.07
	62	25.111	19.218	0.08	0.10	0.18	-7.45	23.97	31.42	0.18	0.23	0.41	-3.92	29.97	33.89
5670	61	27.023	19.163	0.08	0.09	0.17	-7.62	23.97	31.59	0.18	0.21	0.39	-4.09	29.97	34.06
	62	25.224	19.185	0.08	0.09	0.17	-7.69	23.97	31.66	0.18	0.20	0.38	-4.16	29.97	34.13
5755	61	-	19.142	0.09	0.12	0.20	-6.93	30.00	36.93	0.17	0.24	0.41	-3.88	36.00	39.88
	62	-	19.348	0.09	0.13	0.21	-6.70	30.00	36.70	0.17	0.26	0.43	-3.65	36.00	39.65
5795	61	-	19.245	0.08	0.12	0.20	-7.02	30.00	37.02	0.16	0.24	0.40	-3.97	36.00	39.97
	62	-	19.132	0.09	0.12	0.21	-6.78	30.00	36.78	0.19	0.24	0.42	-3.73	36.00	39.73

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]
5510	61	0.00	-14.13	3.14	0.00	3.53	-10.99	-7.46	-13.06	3.16	0.00	3.53	-9.90	-6.37
	62	0.00	-14.09	3.14	0.00	3.53	-10.95	-7.42	-13.04	3.16	0.00	3.53	-9.88	-6.35
5550	61	0.00	-14.20	3.15	0.00	3.53	-11.05	-7.52	-13.44	3.17	0.00	3.53	-10.27	-6.74
	62	0.00	-14.16	3.15	0.00	3.53	-11.01	-7.48	-13.14	3.17	0.00	3.53	-9.97	-6.44
5670	61	0.00	-14.15	3.18	0.00	3.53	-10.97	-7.44	-13.52	3.20	0.00	3.53	-10.32	-6.79
	62	0.00	-14.19	3.18	0.00	3.53	-11.01	-7.48	-13.62	3.20	0.00	3.53	-10.42	-6.89
5755	61	0.00	-13.90	3.20	0.00	3.05	-10.70	-7.65	-12.51	3.22	0.00	3.05	-9.29	-6.24
	62	0.00	-13.84	3.20	0.00	3.05	-10.64	-7.59	-12.16	3.22	0.00	3.05	-8.94	-5.89
5795	61	0.00	-14.21	3.21	0.00	3.05	-11.00	-7.95	-12.46	3.23	0.00	3.05	-9.23	-6.18
	62	0.00	-13.54	3.21	0.00	3.05	-10.33	-7.28	-12.54	3.23	0.00	3.05	-9.31	-6.26

Sample Calculation:

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

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

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

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

* 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 13, 2024
Temperature / Humidity 20 deg. C / 48 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-40 (OFDMA) 484-tone RU Pre-correction

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

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5190	-	37.718	0.08	0.12	0.20	-7.07	23.97	31.04	0.26	0.38	0.64	-1.93	29.97	31.90
5230	-	37.710	0.10	0.12	0.22	-6.62	23.97	30.59	0.32	0.40	0.71	-1.48	29.97	31.45
5270	39.974	37.685	0.07	0.13	0.20	-6.97	23.97	30.94	0.23	0.42	0.66	-1.83	29.97	31.80
5310	40.003	37.706	0.08	0.11	0.19	-7.16	23.97	31.13	0.26	0.37	0.63	-2.02	29.97	31.99
5510	39.864	37.732	0.08	0.12	0.20	-7.03	23.97	31.00	0.18	0.26	0.45	-3.50	29.97	33.47
5550	39.830	37.714	0.08	0.12	0.19	-7.16	23.97	31.13	0.17	0.26	0.43	-3.63	29.97	33.60
5670	39.728	37.785	0.08	0.10	0.18	-7.39	23.97	31.36	0.18	0.23	0.41	-3.86	29.97	33.83
5755	-	37.702	0.08	0.11	0.19	-7.19	30.00	37.19	0.16	0.22	0.39	-4.14	36.00	40.14
5795	-	37.619	0.08	0.12	0.20	-7.10	30.00	37.10	0.16	0.24	0.39	-4.05	36.00	40.05

		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]
5190	0.00	-13.95	3.04	0.00	5.14	-10.91	-5.77	-12.45	3.06	0.00	5.14	-9.39	-4.25
5230	0.00	-13.21	3.06	0.00	5.14	-10.15	-5.01	-12.23	3.07	0.00	5.14	-9.16	-4.02
5270	0.00	-14.50	3.07	0.00	5.14	-11.43	-6.29	-11.97	3.08	0.00	5.14	-8.89	-3.75
5310	0.00	-14.06	3.08	0.00	5.14	-10.98	-5.84	-12.58	3.09	0.00	5.14	-9.49	-4.35
5510	0.00	-14.05	3.14	0.00	3.53	-10.91	-7.38	-12.47	3.16	0.00	3.53	-9.31	-5.78
5550	0.00	-14.28	3.15	0.00	3.53	-11.13	-7.60	-12.56	3.17	0.00	3.53	-9.39	-5.86
5670	0.00	-14.18	3.18	0.00	3.53	-11.00	-7.47	-13.07	3.20	0.00	3.53	-9.87	-6.34
5755	0.00	-14.16	3.20	0.00	3.05	-10.96	-7.91	-12.77	3.22	0.00	3.05	-9.55	-6.50
5795	0.00	-14.26	3.21	0.00	3.05	-11.05	-8.00	-12.56	3.23	0.00	3.05	-9.33	-6.28

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

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

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

* 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 June 2, 2023 July 11, 2023
Temperature / Humidity 25 deg. C / 43 % RH 24 deg. C / 42 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11ac-80

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Conducted power						e.i.r.p.					
			Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
			ANT0	ANT1	Sum				ANT0	ANT1	Sum			
[mW]	[mW]	[mW]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	-	76.172	3.52	5.40	8.92	9.50	23.97	14.47	11.51	17.62	29.13	14.64	29.97	15.33
5290	81.130	76.199	3.89	5.40	9.29	9.68	23.97	14.29	12.71	17.62	30.33	14.82	29.97	15.15
5530	81.004	76.173	6.78	10.64	17.42	12.41	23.97	11.56	15.28	23.99	39.26	15.94	29.97	14.03
5610	81.432	76.227	6.81	10.35	17.16	12.34	23.97	11.63	15.35	23.33	38.68	15.87	29.97	14.10
5775	-	76.064	2.91	4.72	7.63	8.83	30.00	21.17	5.87	9.53	15.40	11.88	36.00	24.12

		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]		
5210	0.00	-7.56	3.05	9.98	5.14	5.47	10.61	-5.84	3.07	10.09	5.14	7.32	12.46		
5290	0.00	-7.15	3.07	9.98	5.14	5.90	11.04	-5.86	3.09	10.09	5.14	7.32	12.46		
5530	0.00	-4.81	3.14	9.98	3.53	8.31	11.84	-2.98	3.16	10.09	3.53	10.27	13.80		
5610	0.00	-4.82	3.17	9.98	3.53	8.33	11.86	-3.12	3.18	10.09	3.53	10.15	13.68		
5775	0.00	-8.55	3.21	9.98	3.05	4.64	7.69	-6.59	3.23	10.10	3.05	6.74	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

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

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

* 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 June 6, 2023 July 11, 2023
Temperature / Humidity 25 deg. C / 42 % RH 24 deg. C / 42 % RH
Engineer Kenichi Adachi Miku Ikudome
Mode Tx 11ax-80 (OFDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5210	-	77.363	4.04	5.38	9.42	9.74	23.97	14.23	13.18	17.58	30.76	14.88	29.97	15.09
5290	81.583	77.234	3.94	5.35	9.29	9.68	23.97	14.29	12.88	17.46	30.34	14.82	29.97	15.15
5530	81.922	77.283	7.24	11.35	18.59	12.69	23.97	11.28	16.33	25.59	41.92	16.22	29.97	13.75
5610	81.625	77.302	7.21	11.12	18.33	12.63	23.97	11.34	16.26	25.06	41.32	16.16	29.97	13.81
5775	-	77.238	3.01	4.68	7.69	8.86	30.00	21.14	6.08	9.44	15.52	11.91	36.00	24.09

		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]
5210	0.00	-6.97	3.05	9.98	5.14	6.06	11.20	-5.85	3.07	10.09	5.14	7.31	12.45
5290	0.00	-7.09	3.07	9.98	5.14	5.96	11.10	-5.90	3.09	10.09	5.14	7.28	12.42
5530	0.00	-4.52	3.14	9.98	3.53	8.60	12.13	-2.70	3.16	10.09	3.53	10.55	14.08
5610	0.00	-4.57	3.17	9.98	3.53	8.58	12.11	-2.81	3.18	10.09	3.53	10.46	13.99
5775	0.00	-8.40	3.21	9.98	3.05	4.79	7.84	-6.63	3.23	10.10	3.05	6.70	9.75

Sample Calculation:

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

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

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

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

* 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 4, 2023
Temperature / Humidity 23 deg. C / 40 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-80 (OFDMA) 26-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [MHz]	Conducted power						e.i.r.p.					
				Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				ANT0	ANT1	Sum				ANT0	ANT1	Sum			
				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	0	-	18.035	0.09	0.11	0.20	-6.91	23.97	30.88	0.31	0.36	0.67	-1.77	29.97	31.74
	18	-	36.381	0.10	0.14	0.24	-6.18	23.97	30.15	0.33	0.45	0.79	-1.04	29.97	31.01
	36	-	18.094	0.08	0.10	0.18	-7.42	23.97	31.39	0.27	0.32	0.59	-2.28	29.97	32.25
5290	0	19.214	18.106	0.08	0.11	0.19	-7.26	23.83	31.09	0.27	0.35	0.61	-2.12	29.97	32.09
	18	38.243	36.405	0.09	0.14	0.23	-6.44	23.97	30.41	0.30	0.45	0.74	-1.30	29.97	31.27
	36	19.109	18.128	0.09	0.10	0.19	-7.17	23.81	30.98	0.29	0.33	0.63	-2.03	29.97	32.00
5530	0	19.295	18.099	0.16	0.18	0.34	-4.72	23.85	28.57	0.35	0.41	0.76	-1.19	29.97	31.16
	18	38.272	36.481	0.16	0.24	0.40	-3.95	23.97	27.92	0.36	0.55	0.91	-0.42	29.97	30.39
	36	19.230	18.292	0.15	0.19	0.35	-4.59	23.83	28.42	0.34	0.44	0.78	-1.06	29.97	31.03
5610	0	19.324	18.104	0.18	0.20	0.37	-4.27	23.86	28.13	0.40	0.45	0.84	-0.74	29.97	30.71
	18	38.245	36.501	0.15	0.26	0.41	-3.92	23.97	27.89	0.34	0.58	0.91	-0.39	29.97	30.36
	36	19.170	18.110	0.14	0.18	0.33	-4.88	23.82	28.70	0.32	0.41	0.73	-1.35	29.97	31.32
5775	0	-	18.106	0.07	0.11	0.18	-7.44	30.00	37.44	0.15	0.21	0.36	-4.39	36.00	40.39
	18	-	36.426	0.08	0.13	0.21	-6.78	30.00	36.78	0.17	0.26	0.42	-3.73	36.00	39.73
	36	-	18.133	0.08	0.11	0.19	-7.28	30.00	37.28	0.16	0.22	0.38	-4.23	36.00	40.23

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]
5210	0	0.00	-13.30	3.05	0.00	5.14	-10.25	-5.11	-12.68	3.07	0.00	5.14	-9.61	-4.47
	18	0.00	-12.97	3.05	0.00	5.14	-9.92	-4.78	-11.64	3.07	0.00	5.14	-8.57	-3.43
	36	0.00	-13.89	3.05	0.00	5.14	-10.84	-5.70	-13.13	3.07	0.00	5.14	-10.06	-4.92
5290	0	0.00	-13.95	3.07	0.00	5.14	-10.88	-5.74	-12.82	3.09	0.00	5.14	-9.73	-4.59
	18	0.00	-13.49	3.07	0.00	5.14	-10.42	-5.28	-11.74	3.09	0.00	5.14	-8.65	-3.51
	36	0.00	-13.54	3.07	0.00	5.14	-10.47	-5.33	-13.00	3.09	0.00	5.14	-9.91	-4.77
5530	0	0.00	-11.22	3.14	0.00	3.53	-8.08	-4.55	-10.57	3.16	0.00	3.53	-7.41	-3.88
	18	0.00	-11.14	3.14	0.00	3.53	-8.00	-4.47	-9.29	3.16	0.00	3.53	-6.13	-2.60
	36	0.00	-11.30	3.14	0.00	3.53	-8.16	-4.63	-10.27	3.16	0.00	3.53	-7.11	-3.58
5610	0	0.00	-10.71	3.17	0.00	3.53	-7.54	-4.01	-10.21	3.18	0.00	3.53	-7.03	-3.50
	18	0.00	-11.43	3.17	0.00	3.53	-8.26	-4.73	-9.09	3.18	0.00	3.53	-5.91	-2.38
	36	0.00	-11.60	3.17	0.00	3.53	-8.43	-4.90	-10.59	3.18	0.00	3.53	-7.41	-3.88
5775	0	0.00	-14.46	3.21	0.00	3.05	-11.25	-8.20	-13.01	3.23	0.00	3.05	-9.78	-6.73
	18	0.00	-14.05	3.21	0.00	3.05	-10.84	-7.79	-12.18	3.23	0.00	3.05	-8.95	-5.90
	36	0.00	-14.30	3.21	0.00	3.05	-11.09	-8.04	-12.84	3.23	0.00	3.05	-9.61	-6.56

Sample Calculation:

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

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

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

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

* 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-80 (OFDMA) 52-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [MHz]	Conducted power						e.i.r.p.					
				Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				ANT0	ANT1	Sum				ANT0	ANT1	Sum			
				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	37	-	17.905	0.18	0.24	0.42	-3.72	23.97	27.69	0.59	0.80	1.39	1.42	29.97	28.55
	44	-	19.196	0.20	0.27	0.47	-3.32	23.97	27.29	0.65	0.87	1.52	1.82	29.97	28.15
	52	-	18.060	0.16	0.22	0.38	-4.15	23.97	28.12	0.54	0.72	1.26	0.99	29.97	28.98
5290	37	19.236	18.006	0.16	0.21	0.37	-4.37	23.84	28.21	0.51	0.68	1.19	0.77	29.97	29.20
	44	21.030	19.094	0.16	0.23	0.39	-4.09	23.97	28.06	0.54	0.74	1.27	1.05	29.97	28.92
	52	19.629	18.024	0.18	0.20	0.38	-4.18	23.92	28.10	0.59	0.66	1.25	0.96	29.97	29.01
5530	37	19.469	17.994	0.32	0.39	0.71	-1.51	23.89	25.40	0.72	0.87	1.59	2.02	29.97	27.95
	44	21.446	19.488	0.31	0.44	0.75	-1.25	23.97	25.22	0.70	0.99	1.69	2.28	29.97	27.69
	52	19.466	17.926	0.29	0.39	0.67	-1.72	23.89	25.61	0.64	0.87	1.52	1.81	29.97	28.16
5610	37	19.536	17.958	0.35	0.38	0.73	-1.36	23.90	25.26	0.79	0.86	1.65	2.17	29.97	27.80
	44	21.361	19.138	0.36	0.40	0.76	-1.20	23.97	25.17	0.81	0.90	1.71	2.33	29.97	27.64
	52	19.404	17.948	0.32	0.37	0.69	-1.63	23.87	25.50	0.72	0.83	1.55	1.90	29.97	28.07
5775	37	-	17.957	0.15	0.20	0.35	-4.59	30.00	34.59	0.30	0.40	0.70	-1.54	36.00	37.54
	44	-	19.368	0.15	0.23	0.38	-4.20	30.00	34.20	0.30	0.46	0.77	-1.15	36.00	37.15
	52	-	18.019	0.16	0.21	0.36	-4.40	30.00	34.40	0.31	0.42	0.73	-1.35	36.00	37.35

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]
5210	37	0.00	-10.47	3.05	0.00	5.14	-7.42	-2.28	-9.20	3.07	0.00	5.14	-6.13	-0.99
	44	0.00	-10.04	3.05	0.00	5.14	-6.99	-1.85	-8.83	3.07	0.00	5.14	-5.76	-0.62
	52	0.00	-10.90	3.05	0.00	5.14	-7.85	-2.71	-9.63	3.07	0.00	5.14	-6.56	-1.42
5290	37	0.00	-11.14	3.07	0.00	5.14	-8.07	-2.93	-9.88	3.09	0.00	5.14	-6.79	-1.65
	44	0.00	-10.92	3.07	0.00	5.14	-7.85	-2.71	-9.55	3.09	0.00	5.14	-6.46	-1.32
	52	0.00	-10.52	3.07	0.00	5.14	-7.45	-2.31	-10.04	3.09	0.00	5.14	-6.95	-1.81
5530	37	0.00	-8.08	3.14	0.00	3.53	-4.94	-1.41	-7.29	3.16	0.00	3.53	-4.13	-0.60
	44	0.00	-8.23	3.14	0.00	3.53	-5.09	-1.56	-6.73	3.16	0.00	3.53	-3.57	-0.04
	52	0.00	-8.58	3.14	0.00	3.53	-5.44	-1.91	-7.28	3.16	0.00	3.53	-4.12	-0.59
5610	37	0.00	-7.72	3.17	0.00	3.53	-4.55	-1.02	-7.37	3.18	0.00	3.53	-4.19	-0.66
	44	0.00	-7.62	3.17	0.00	3.53	-4.45	-0.92	-7.16	3.18	0.00	3.53	-3.98	-0.45
	52	0.00	-8.15	3.17	0.00	3.53	-4.98	-1.45	-7.51	3.18	0.00	3.53	-4.33	-0.80
5775	37	0.00	-11.45	3.21	0.00	3.05	-8.24	-5.19	-10.27	3.23	0.00	3.05	-7.04	-3.99
	44	0.00	-11.44	3.21	0.00	3.05	-8.23	-5.18	-9.61	3.23	0.00	3.05	-6.38	-3.33
	52	0.00	-11.29	3.21	0.00	3.05	-8.08	-5.03	-10.06	3.23	0.00	3.05	-6.83	-3.78

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

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

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

* 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 4, 2023
Temperature / Humidity 23 deg. C / 40 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-80 (OFDMA) 106-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5210	53	-	17.828	0.36	0.45	0.80	-0.95	23.97	24.92	1.16	1.46	2.63	4.19	29.97	25.78
	56	-	18.123	0.36	0.50	0.86	-0.65	23.97	24.62	1.17	1.64	2.81	4.49	29.97	25.48
	60	-	17.871	0.36	0.45	0.82	-0.88	23.97	24.85	1.18	1.49	2.67	4.26	29.97	25.71
5290	53	19.651	17.901	0.32	0.45	0.77	-1.14	23.93	25.07	1.03	1.48	2.51	4.00	29.97	25.97
	56	23.447	18.544	0.37	0.46	0.83	-0.80	23.97	24.77	1.21	1.51	2.72	4.34	29.97	25.63
	60	19.459	17.853	0.32	0.43	0.74	-1.28	23.89	25.17	1.04	1.39	2.43	3.86	29.97	26.11
5530	53	19.476	17.893	0.60	0.80	1.41	1.48	23.89	22.41	1.36	1.81	3.17	5.01	29.97	24.96
	56	21.450	18.841	0.56	0.77	1.33	1.25	23.97	22.72	1.27	1.73	3.01	4.78	29.97	25.19
	60	19.604	17.937	0.61	0.77	1.38	1.39	23.92	22.53	1.38	1.73	3.11	4.92	29.97	25.05
5610	53	19.530	17.877	0.55	0.73	1.29	1.09	23.90	22.81	1.24	1.66	2.90	4.62	29.97	25.35
	56	22.786	18.436	0.64	0.74	1.38	1.39	23.97	22.58	1.44	1.66	3.10	4.92	29.97	25.05
	60	19.656	17.866	0.57	0.72	1.29	1.11	23.93	22.82	1.29	1.63	2.91	4.64	29.97	25.33
5775	53	-	17.827	0.30	0.42	0.72	-1.42	30.00	31.42	0.60	0.86	1.46	1.63	36.00	34.37
	56	-	18.476	0.31	0.41	0.72	-1.40	30.00	31.40	0.63	0.83	1.46	1.65	36.00	34.35
	60	-	17.897	0.27	0.40	0.67	-1.75	30.00	31.75	0.54	0.81	1.35	1.30	36.00	34.70

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]
5210	53	0.00	-17.51	3.05	9.98	5.14	-4.48	0.66	-16.65	3.07	10.09	5.14	-3.49	1.65
	56	0.00	-17.48	3.05	9.98	5.14	-4.45	0.69	-16.15	3.07	10.09	5.14	-2.99	2.15
	60	0.00	-17.45	3.05	9.98	5.14	-4.42	0.72	-16.58	3.07	10.09	5.14	-3.42	1.72
5290	53	0.00	-18.06	3.07	9.98	5.14	-5.01	0.13	-16.62	3.09	10.09	5.14	-3.44	1.70
	56	0.00	-17.38	3.07	9.98	5.14	-4.33	0.81	-16.52	3.09	10.09	5.14	-3.34	1.80
	60	0.00	-18.02	3.07	9.98	5.14	-4.97	0.17	-16.88	3.09	10.09	5.14	-3.70	1.44
5530	53	0.00	-15.31	3.14	9.98	3.53	-2.19	1.34	-14.21	3.16	10.09	3.53	-0.96	2.57
	56	0.00	-15.60	3.14	9.98	3.53	-2.48	1.05	-14.39	3.16	10.09	3.53	-1.14	2.39
	60	0.00	-15.26	3.14	9.98	3.53	-2.14	1.39	-14.40	3.16	10.09	3.53	-1.15	2.38
5610	53	0.00	-15.73	3.17	9.98	3.53	-2.58	0.95	-14.61	3.18	10.09	3.53	-1.34	2.19
	56	0.00	-15.10	3.17	9.98	3.53	-1.95	1.58	-14.59	3.18	10.09	3.53	-1.32	2.21
	60	0.00	-15.59	3.17	9.98	3.53	-2.44	1.09	-14.69	3.18	10.09	3.53	-1.42	2.11
5775	53	0.00	-18.45	3.21	9.98	3.05	-5.26	-2.21	-17.06	3.23	10.10	3.05	-3.73	-0.68
	56	0.00	-18.26	3.21	9.98	3.05	-5.07	-2.02	-17.17	3.23	10.10	3.05	-3.84	-0.79
	60	0.00	-18.90	3.21	9.98	3.05	-5.71	-2.66	-17.31	3.23	10.10	3.05	-3.98	-0.93

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

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

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

* 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 4, 2023
Temperature / Humidity 23 deg. C / 40 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-80 (OFDMA) 242-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5210	61	-	19.946	0.78	1.04	1.83	2.61	23.97	21.36	2.56	3.40	5.96	7.75	29.97	22.22
	62	-	37.086	0.80	1.24	2.05	3.11	23.97	20.86	2.62	4.06	6.68	8.25	29.97	21.72
	64	-	19.849	0.77	0.98	1.75	2.44	23.97	21.53	2.51	3.21	5.73	7.58	29.97	22.39
5290	61	26.659	20.542	0.62	0.84	1.46	1.64	23.97	22.33	2.03	2.74	4.77	6.78	29.97	23.19
	62	48.335	37.278	0.34	1.03	1.37	1.37	23.97	22.60	1.12	3.36	4.48	6.51	29.97	23.46
	64	27.847	20.543	0.64	0.85	1.48	1.71	23.97	22.26	2.08	2.76	4.85	6.85	29.97	23.12
5530	61	27.993	20.286	1.48	1.87	3.35	5.26	23.97	18.71	3.33	4.23	7.56	8.79	29.97	21.18
	62	47.167	37.270	1.39	2.24	3.63	5.60	23.97	18.37	3.13	5.06	8.18	9.13	29.97	20.84
	64	26.632	20.650	1.47	1.79	3.26	5.13	23.97	18.84	3.31	4.03	7.34	8.66	29.97	21.31
5610	61	27.470	20.446	1.29	2.07	3.36	5.26	23.97	18.71	2.92	4.66	7.57	8.79	29.97	21.18
	62	48.795	37.435	1.26	1.95	3.22	5.07	23.97	18.90	2.84	4.41	7.25	8.60	29.97	21.37
	64	26.412	20.615	1.24	1.58	2.82	4.51	23.97	19.46	2.79	3.57	6.37	8.04	29.97	21.93
5775	61	-	20.370	0.61	0.91	1.52	1.82	30.00	28.18	1.24	1.83	3.07	4.87	36.00	31.13
	62	-	37.352	0.58	0.95	1.52	1.83	30.00	28.17	1.17	1.91	3.08	4.88	36.00	31.12
	64	-	20.482	0.57	0.87	1.44	1.57	30.00	28.43	1.15	1.75	2.90	4.62	36.00	31.38

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]	
5210	61	0.00	-14.09	3.05	9.98	5.14	-1.06	4.08	-12.98	3.07	10.09	5.14	0.18	5.32	
	62	0.00	-13.99	3.05	9.98	5.14	-0.96	4.18	-12.21	3.07	10.09	5.14	0.95	6.09	
	64	0.00	-14.17	3.05	9.98	5.14	-1.14	4.00	-13.23	3.07	10.09	5.14	-0.07	5.07	
5290	61	0.00	-15.12	3.07	9.98	5.14	-2.07	3.07	-13.94	3.09	10.09	5.14	-0.76	4.38	
	62	0.00	-17.70	3.07	9.98	5.14	-4.65	0.49	-13.06	3.09	10.09	5.14	0.12	5.26	
	64	0.00	-15.00	3.07	9.98	5.14	-1.95	3.19	-13.91	3.09	10.09	5.14	-0.73	4.41	
5530	61	0.00	-11.42	3.14	9.98	3.53	1.70	5.23	-10.52	3.16	10.09	3.53	2.73	6.26	
	62	0.00	-11.70	3.14	9.98	3.53	1.42	4.95	-9.74	3.16	10.09	3.53	3.51	7.04	
	64	0.00	-11.45	3.14	9.98	3.53	1.67	5.20	-10.73	3.16	10.09	3.53	2.52	6.05	
5610	61	0.00	-12.03	3.17	9.98	3.53	1.12	4.65	-10.12	3.18	10.09	3.53	3.15	6.68	
	62	0.00	-12.14	3.17	9.98	3.53	1.01	4.54	-10.36	3.18	10.09	3.53	2.91	6.44	
	64	0.00	-12.22	3.17	9.98	3.53	0.93	4.46	-11.27	3.18	10.09	3.53	2.00	5.53	
5775	61	0.00	-15.32	3.21	9.98	3.05	-2.13	0.92	-13.75	3.23	10.10	3.05	-0.42	2.63	
	62	0.00	-15.57	3.21	9.98	3.05	-2.38	0.67	-13.57	3.23	10.10	3.05	-0.24	2.81	
	64	0.00	-15.63	3.21	9.98	3.05	-2.44	0.61	-13.95	3.23	10.10	3.05	-0.62	2.43	

Sample Calculation:

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

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

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

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

* 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 4, 2023
Temperature / Humidity 23 deg. C / 40 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-80 (OFDMA) 484-tone RU

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5210	65	-	37.711	1.07	1.63	2.70	4.31	23.97	19.66	3.49	5.32	8.81	9.45	29.97	20.52
	66	-	38.001	1.29	1.73	3.02	4.79	23.97	19.18	4.20	5.65	9.85	9.93	29.97	20.04
5290	65	49.208	37.747	1.06	1.52	2.57	4.11	23.97	19.86	3.45	4.95	8.41	9.25	29.97	20.72
	66	49.505	37.749	1.04	1.47	2.51	4.00	23.97	19.97	3.40	4.81	8.21	9.14	29.97	20.83
5530	65	50.066	37.774	1.99	3.03	5.02	7.01	23.97	16.96	4.48	6.84	11.32	10.54	29.97	19.43
	66	52.540	37.746	1.95	2.90	4.85	6.85	23.97	17.12	4.40	6.53	10.93	10.38	29.97	19.59
5610	65	51.748	37.656	1.77	2.65	4.41	6.45	23.97	17.52	3.98	5.97	9.95	9.98	29.97	19.99
	66	50.963	37.724	1.90	2.66	4.56	6.59	23.97	17.38	4.29	6.00	10.28	10.12	29.97	19.85
5775	65	-	37.726	0.86	1.39	2.24	3.51	30.00	26.49	1.73	2.80	4.53	6.56	36.00	29.44
	66	-	37.745	0.91	1.51	2.42	3.83	30.00	26.17	1.83	3.05	4.88	6.88	36.00	29.12

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]
5210	65	0.00	-12.74	3.05	9.98	5.14	0.29	5.43	-11.04	3.07	10.09	5.14	2.12	7.26
	66	0.00	-11.94	3.05	9.98	5.14	1.09	6.23	-10.78	3.07	10.09	5.14	2.38	7.52
5290	65	0.00	-12.81	3.07	9.98	5.14	0.24	5.38	-11.37	3.09	10.09	5.14	1.81	6.95
	66	0.00	-12.87	3.07	9.98	5.14	0.18	5.32	-11.50	3.09	10.09	5.14	1.68	6.82
5530	65	0.00	-10.14	3.14	9.98	3.53	2.98	6.51	-8.43	3.16	10.09	3.53	4.82	8.35
	66	0.00	-10.22	3.14	9.98	3.53	2.90	6.43	-8.63	3.16	10.09	3.53	4.62	8.15
5610	65	0.00	-10.68	3.17	9.98	3.53	2.47	6.00	-9.04	3.18	10.09	3.53	4.23	7.76
	66	0.00	-10.36	3.17	9.98	3.53	2.79	6.32	-9.02	3.18	10.09	3.53	4.25	7.78
5775	65	0.00	-13.86	3.21	9.98	3.05	-0.67	2.38	-11.91	3.23	10.10	3.05	1.42	4.47
	66	0.00	-13.61	3.21	9.98	3.05	-0.42	2.63	-11.54	3.23	10.10	3.05	1.79	4.84

Sample Calculation:

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

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

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

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

* 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 4, 2023
Temperature / Humidity 23 deg. C / 40 % RH
Engineer Shiro Kobayashi
Mode Tx 11ax-80 (OFDMA) 996-tone RU

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

Tested Frequency [MHz]	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]			
5210	-	77.150	2.11	3.49	5.60	7.49	23.97	16.48	6.90	11.40	18.30	12.63	29.97	17.34
5290	81.774	77.138	1.79	2.88	4.68	6.70	23.97	17.27	5.86	9.42	15.28	11.84	29.97	18.13
5530	81.779	77.148	3.55	5.48	9.03	9.56	23.97	14.41	8.00	12.36	20.36	13.09	29.97	16.88
5610	81.809	77.129	3.78	5.13	8.91	9.50	23.97	14.47	8.53	11.56	20.09	13.03	29.97	16.94
5775	-	77.171	1.64	2.77	4.40	6.44	30.00	23.56	3.30	5.58	8.89	9.49	36.00	26.51

		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]
5210	0.00	-9.78	3.05	9.98	5.14	3.25	8.39	-7.73	3.07	10.09	5.14	5.43	10.57
5290	0.00	-10.51	3.07	9.98	5.14	2.54	7.68	-8.58	3.09	10.09	5.14	4.60	9.74
5530	0.00	-7.62	3.14	9.98	3.53	5.50	9.03	-5.86	3.16	10.09	3.53	7.39	10.92
5610	0.00	-7.37	3.17	9.98	3.53	5.78	9.31	-6.17	3.18	10.09	3.53	7.10	10.63
5775	0.00	-11.05	3.21	9.98	3.05	2.14	5.19	-8.91	3.23	10.10	3.05	4.42	7.47

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 + Antenna Gain

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

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

* 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 23 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-80 (OFDMA) 26-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [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]			
5210	0	-	18.035	0.08	0.10	0.18	-7.50	23.97	31.47	0.26	0.32	0.58	-2.36	29.97	32.33
	18	-	36.381	0.08	0.11	0.19	-7.16	23.97	31.13	0.26	0.36	0.63	-2.02	29.97	31.99
	36	-	18.094	0.07	0.09	0.16	-7.90	23.97	31.87	0.23	0.30	0.53	-2.76	29.97	32.73
5290	0	19.214	18.106	0.08	0.10	0.17	-7.61	23.83	31.44	0.25	0.32	0.57	-2.47	29.97	32.44
	18	38.243	36.405	0.08	0.12	0.20	-6.97	23.97	30.94	0.26	0.40	0.66	-1.83	29.97	31.80
	36	19.109	18.128	0.07	0.09	0.17	-7.77	23.81	31.58	0.24	0.31	0.55	-2.63	29.97	32.60
5530	0	19.295	18.099	0.07	0.08	0.16	-8.09	23.85	31.94	0.16	0.19	0.35	-4.56	29.97	34.53
	18	38.272	36.481	0.07	0.11	0.19	-7.26	23.97	31.23	0.17	0.26	0.42	-3.73	29.97	33.70
	36	19.230	18.292	0.06	0.08	0.15	-8.37	23.83	32.20	0.14	0.18	0.33	-4.84	29.97	34.81
5610	0	19.324	18.104	0.07	0.08	0.15	-8.19	23.86	32.05	0.16	0.18	0.34	-4.66	29.97	34.63
	18	38.245	36.501	0.07	0.11	0.18	-7.50	23.97	31.47	0.16	0.24	0.40	-3.97	29.97	33.94
	36	19.170	18.110	0.06	0.08	0.14	-8.49	23.82	32.31	0.15	0.17	0.32	-4.96	29.97	34.93
5775	0	-	18.106	0.07	0.11	0.18	-7.46	30.00	37.46	0.15	0.21	0.36	-4.41	36.00	40.41
	18	-	36.426	0.09	0.12	0.21	-6.77	30.00	36.77	0.17	0.25	0.42	-3.72	36.00	39.72
	36	-	18.133	0.08	0.10	0.18	-7.46	30.00	37.46	0.16	0.20	0.36	-4.41	36.00	40.41

			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]
5210	0	0.00	-14.06	3.05	0.00	5.14	-11.01	-5.87	-13.14	3.07	0.00	5.14	-10.07	-4.93
	18	0.00	-13.98	3.05	0.00	5.14	-10.93	-5.79	-12.60	3.07	0.00	5.14	-9.53	-4.39
	36	0.00	-14.53	3.05	0.00	5.14	-11.48	-6.34	-13.48	3.07	0.00	5.14	-10.41	-5.27
5290	0	0.00	-14.25	3.07	0.00	5.14	-11.18	-6.04	-13.21	3.09	0.00	5.14	-10.12	-4.98
	18	0.00	-14.14	3.07	0.00	5.14	-11.07	-5.93	-12.20	3.09	0.00	5.14	-9.11	-3.97
	36	0.00	-14.44	3.07	0.00	5.14	-11.37	-6.23	-13.36	3.09	0.00	5.14	-10.27	-5.13
5530	0	0.00	-14.62	3.14	0.00	3.53	-11.48	-7.95	-13.91	3.16	0.00	3.53	-10.75	-7.22
	18	0.00	-14.49	3.14	0.00	3.53	-11.35	-7.82	-12.57	3.16	0.00	3.53	-9.41	-5.88
	36	0.00	-15.11	3.14	0.00	3.53	-11.97	-8.44	-14.03	3.16	0.00	3.53	-10.87	-7.34
5610	0	0.00	-14.54	3.17	0.00	3.53	-11.37	-7.84	-14.22	3.18	0.00	3.53	-11.04	-7.51
	18	0.00	-14.57	3.17	0.00	3.53	-11.40	-7.87	-12.96	3.18	0.00	3.53	-9.78	-6.25
	36	0.00	-15.05	3.17	0.00	3.53	-11.88	-8.35	-14.34	3.18	0.00	3.53	-11.16	-7.63
5775	0	0.00	-14.58	3.21	0.00	3.05	-11.37	-8.32	-12.96	3.23	0.00	3.05	-9.73	-6.68
	18	0.00	-13.86	3.21	0.00	3.05	-10.65	-7.60	-12.29	3.23	0.00	3.05	-9.06	-6.01
	36	0.00	-14.29	3.21	0.00	3.05	-11.08	-8.03	-13.17	3.23	0.00	3.05	-9.94	-6.89

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

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

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

* 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 23 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-80 (OFDMA) 52-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [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]			
5210	37	-	17.905	0.08	0.09	0.17	-7.66	23.97	31.63	0.25	0.31	0.56	-2.52	29.97	32.49
	44	-	19.196	0.08	0.11	0.19	-7.24	23.97	31.21	0.27	0.35	0.62	-2.10	29.97	32.07
	52	-	18.060	0.07	0.09	0.16	-7.90	23.97	31.87	0.23	0.30	0.53	-2.76	29.97	32.73
5290	37	19.236	18.006	0.07	0.09	0.17	-7.82	23.84	31.66	0.24	0.30	0.54	-2.68	29.97	32.65
	44	21.030	19.094	0.08	0.10	0.17	-7.63	23.97	31.60	0.25	0.31	0.56	-2.49	29.97	32.46
	52	19.629	18.024	0.07	0.09	0.16	-7.86	23.92	31.78	0.24	0.29	0.53	-2.72	29.97	32.69
5530	37	19.469	17.994	0.07	0.09	0.15	-8.11	23.89	32.00	0.16	0.19	0.35	-4.58	29.97	34.55
	44	21.446	19.488	0.08	0.10	0.17	-7.67	23.97	31.64	0.17	0.22	0.39	-4.14	29.97	34.11
	52	19.466	17.926	0.07	0.08	0.15	-8.14	23.89	32.03	0.16	0.19	0.35	-4.61	29.97	34.58
5610	37	19.536	17.958	0.07	0.08	0.15	-8.18	23.90	32.08	0.16	0.18	0.34	-4.65	29.97	34.62
	44	21.361	19.138	0.07	0.09	0.16	-8.02	23.97	31.99	0.16	0.20	0.36	-4.49	29.97	34.46
	52	19.404	17.948	0.07	0.08	0.14	-8.39	23.87	32.26	0.15	0.17	0.33	-4.86	29.97	34.83
5775	37	-	17.957	0.07	0.11	0.18	-7.47	30.00	37.47	0.14	0.22	0.36	-4.42	36.00	40.42
	44	-	19.368	0.09	0.12	0.22	-6.64	30.00	36.64	0.19	0.25	0.44	-3.59	36.00	39.59
	52	-	18.019	0.08	0.12	0.19	-7.13	30.00	37.13	0.15	0.24	0.39	-4.08	36.00	40.08

			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]
5210	37	0.00	-14.20	3.05	0.00	5.14	-11.15	-6.01	-13.30	3.07	0.00	5.14	-10.23	-5.09
	44	0.00	-13.90	3.05	0.00	5.14	-10.85	-5.71	-12.80	3.07	0.00	5.14	-9.73	-4.59
	52	0.00	-14.59	3.05	0.00	5.14	-11.54	-6.40	-13.43	3.07	0.00	5.14	-10.36	-5.22
5290	37	0.00	-14.42	3.07	0.00	5.14	-11.35	-6.21	-13.45	3.09	0.00	5.14	-10.36	-5.22
	44	0.00	-14.18	3.07	0.00	5.14	-11.11	-5.97	-13.31	3.09	0.00	5.14	-10.22	-5.08
	52	0.00	-14.36	3.07	0.00	5.14	-11.29	-6.15	-13.58	3.09	0.00	5.14	-10.49	-5.35
5530	37	0.00	-14.74	3.14	0.00	3.53	-11.60	-8.07	-13.84	3.16	0.00	3.53	-10.68	-7.15
	44	0.00	-14.36	3.14	0.00	3.53	-11.22	-7.69	-13.36	3.16	0.00	3.53	-10.20	-6.67
	52	0.00	-14.69	3.14	0.00	3.53	-11.55	-8.02	-13.95	3.16	0.00	3.53	-10.79	-7.26
5610	37	0.00	-14.55	3.17	0.00	3.53	-11.38	-7.85	-14.18	3.18	0.00	3.53	-11.00	-7.47
	44	0.00	-14.71	3.17	0.00	3.53	-11.54	-8.01	-13.75	3.18	0.00	3.53	-10.57	-7.04
	52	0.00	-14.84	3.17	0.00	3.53	-11.67	-8.14	-14.32	3.18	0.00	3.53	-11.14	-7.61
5775	37	0.00	-14.68	3.21	0.00	3.05	-11.47	-8.42	-12.91	3.23	0.00	3.05	-9.68	-6.63
	44	0.00	-13.48	3.21	0.00	3.05	-10.27	-7.22	-12.33	3.23	0.00	3.05	-9.10	-6.05
	52	0.00	-14.38	3.21	0.00	3.05	-11.17	-8.12	-12.54	3.23	0.00	3.05	-9.31	-6.26

Sample Calculation:

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

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

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

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

* 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 23 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-80 (OFDMA) 106-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [MHz]	Conducted power						e.i.r.p.					
				Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				ANT0	ANT1	Sum				ANT0	ANT1	Sum			
				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	53	-	17.828	0.84	1.07	1.91	2.81	23.97	21.16	2.74	3.51	6.24	7.95	29.97	22.02
	56	-	18.123	0.86	1.16	2.02	3.06	23.97	20.91	2.82	3.78	6.60	8.20	29.97	21.77
	60	-	17.871	0.77	0.94	1.71	2.33	23.97	21.64	2.51	3.08	5.59	7.47	29.97	22.50
5290	53	19.651	17.901	0.80	1.02	1.82	2.61	23.93	21.32	2.62	3.33	5.95	7.75	29.97	22.22
	56	23.447	18.544	0.81	1.04	1.85	2.67	23.97	21.30	2.64	3.40	6.04	7.81	29.97	22.16
	60	19.459	17.853	0.82	1.01	1.83	2.62	23.89	21.27	2.68	3.30	5.98	7.76	29.97	22.21
5530	53	19.476	17.893	0.72	0.87	1.59	2.02	23.89	21.87	1.63	1.95	3.59	5.55	29.97	24.42
	56	21.450	18.841	0.79	1.04	1.82	2.61	23.97	21.36	1.77	2.33	4.11	6.14	29.97	23.83
	60	19.604	17.937	0.73	0.90	1.63	2.12	23.92	21.80	1.65	2.02	3.67	5.65	29.97	24.32
5610	53	19.530	17.877	0.76	0.85	1.60	2.05	23.90	21.85	1.71	1.91	3.61	5.58	29.97	24.39
	56	22.786	18.436	0.75	0.95	1.70	2.30	23.97	21.67	1.70	2.13	3.83	5.83	29.97	24.14
	60	19.656	17.866	0.70	0.82	1.53	1.83	23.93	22.10	1.58	1.85	3.44	5.36	29.97	24.61
5775	53	-	17.827	0.75	1.15	1.90	2.78	30.00	27.22	1.52	2.31	3.83	5.83	36.00	30.17
	56	-	18.476	0.90	1.26	2.16	3.34	30.00	26.66	1.82	2.54	4.36	6.39	36.00	29.61
	60	-	17.897	0.78	1.22	1.99	3.00	30.00	27.00	1.57	2.45	4.03	6.05	36.00	29.95

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]	
5210	53	0.00	-13.80	3.05	9.98	5.14	-0.77	4.37	-12.85	3.07	10.09	5.14	0.31	5.45	
	56	0.00	-13.67	3.05	9.98	5.14	-0.64	4.50	-12.52	3.07	10.09	5.14	0.64	5.78	
	60	0.00	-14.18	3.05	9.98	5.14	-1.15	3.99	-13.41	3.07	10.09	5.14	-0.25	4.89	
5290	53	0.00	-14.01	3.07	9.98	5.14	-0.96	4.18	-13.09	3.09	10.09	5.14	0.09	5.23	
	56	0.00	-13.98	3.07	9.98	5.14	-0.93	4.21	-13.00	3.09	10.09	5.14	0.18	5.32	
	60	0.00	-13.91	3.07	9.98	5.14	-0.86	4.28	-13.14	3.09	10.09	5.14	0.04	5.18	
5530	53	0.00	-14.52	3.14	9.98	3.53	-1.40	2.13	-13.87	3.16	10.09	3.53	-0.62	2.91	
	56	0.00	-14.16	3.14	9.98	3.53	-1.04	2.49	-13.10	3.16	10.09	3.53	0.15	3.68	
	60	0.00	-14.47	3.14	9.98	3.53	-1.35	2.18	-13.73	3.16	10.09	3.53	-0.48	3.05	
5610	53	0.00	-14.36	3.17	9.98	3.53	-1.21	2.32	-14.00	3.18	10.09	3.53	-0.73	2.80	
	56	0.00	-14.38	3.17	9.98	3.53	-1.23	2.30	-13.51	3.18	10.09	3.53	-0.24	3.29	
	60	0.00	-14.68	3.17	9.98	3.53	-1.53	2.00	-14.12	3.18	10.09	3.53	-0.85	2.68	
5775	53	0.00	-14.42	3.21	9.98	3.05	-1.23	1.82	-12.74	3.23	10.10	3.05	0.59	3.64	
	56	0.00	-13.65	3.21	9.98	3.05	-0.46	2.59	-12.33	3.23	10.10	3.05	1.00	4.05	
	60	0.00	-14.28	3.21	9.98	3.05	-1.09	1.96	-12.48	3.23	10.10	3.05	0.85	3.90	

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

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

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

* 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 23 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-80 (OFDMA) 242-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [MHz]	Conducted power						e.i.r.p.					
				Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
				ANT0	ANT1	Sum				ANT0	ANT1	Sum			
				[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]	[mW]	[mW]	[mW]	[dBm]	[dBm]	[dB]
5210	61	-	19.946	0.09	0.12	0.20	-6.90	23.97	30.87	0.29	0.38	0.67	-1.76	29.97	31.73
	62	-	37.086	0.09	0.13	0.22	-6.66	23.97	30.63	0.28	0.42	0.71	-1.52	29.97	31.49
	64	-	19.849	0.08	0.10	0.19	-7.30	23.97	31.27	0.27	0.34	0.61	-2.16	29.97	32.13
5290	61	26.659	20.542	0.08	0.10	0.19	-7.25	23.97	31.22	0.27	0.34	0.61	-2.11	29.97	32.08
	62	48.335	37.278	0.08	0.11	0.19	-7.13	23.97	31.10	0.26	0.37	0.63	-1.99	29.97	31.96
	64	27.847	20.543	0.08	0.10	0.19	-7.31	23.97	31.28	0.27	0.34	0.61	-2.17	29.97	32.14
5530	61	27.993	20.286	0.08	0.09	0.17	-7.70	23.97	31.67	0.17	0.21	0.38	-4.17	29.97	34.14
	62	47.167	37.270	0.08	0.12	0.20	-7.09	23.97	31.06	0.18	0.26	0.44	-3.56	29.97	33.53
	64	26.632	20.650	0.08	0.09	0.17	-7.79	23.97	31.76	0.17	0.20	0.37	-4.26	29.97	34.23
5610	61	27.470	20.446	0.08	0.08	0.16	-7.95	23.97	31.92	0.17	0.19	0.36	-4.42	29.97	34.39
	62	48.795	37.435	0.08	0.10	0.19	-7.32	23.97	31.29	0.19	0.23	0.42	-3.79	29.97	33.76
	64	26.412	20.615	0.07	0.08	0.16	-8.03	23.97	32.00	0.16	0.19	0.36	-4.50	29.97	34.47
5775	61	-	20.370	0.09	0.12	0.21	-6.82	30.00	36.82	0.18	0.24	0.42	-3.77	36.00	39.77
	62	-	37.352	0.09	0.13	0.22	-6.48	30.00	36.48	0.18	0.27	0.45	-3.43	36.00	39.43
	64	-	20.482	0.09	0.12	0.21	-6.76	30.00	36.76	0.18	0.25	0.43	-3.71	36.00	39.71

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]
5210	61	0.00	-13.56	3.05	0.00	5.14	-10.51	-5.37	-12.46	3.07	0.00	5.14	-9.39	-4.25
	62	0.00	-13.71	3.05	0.00	5.14	-10.66	-5.52	-11.93	3.07	0.00	5.14	-8.86	-3.72
	64	0.00	-13.92	3.05	0.00	5.14	-10.87	-5.73	-12.89	3.07	0.00	5.14	-9.82	-4.68
5290	61	0.00	-13.83	3.07	0.00	5.14	-10.76	-5.62	-12.91	3.09	0.00	5.14	-9.82	-4.68
	62	0.00	-14.08	3.07	0.00	5.14	-11.01	-5.87	-12.51	3.09	0.00	5.14	-9.42	-4.28
	64	0.00	-13.87	3.07	0.00	5.14	-10.80	-5.66	-12.97	3.09	0.00	5.14	-9.88	-4.74
5530	61	0.00	-14.24	3.14	0.00	3.53	-11.10	-7.57	-13.52	3.16	0.00	3.53	-10.36	-6.83
	62	0.00	-14.18	3.14	0.00	3.53	-11.04	-7.51	-12.48	3.16	0.00	3.53	-9.32	-5.79
	64	0.00	-14.26	3.14	0.00	3.53	-11.12	-7.59	-13.67	3.16	0.00	3.53	-10.51	-6.98
5610	61	0.00	-14.39	3.17	0.00	3.53	-11.22	-7.69	-13.90	3.18	0.00	3.53	-10.72	-7.19
	62	0.00	-13.94	3.17	0.00	3.53	-10.77	-7.24	-13.12	3.18	0.00	3.53	-9.94	-6.41
	64	0.00	-14.55	3.17	0.00	3.53	-11.38	-7.85	-13.90	3.18	0.00	3.53	-10.72	-7.19
5775	61	0.00	-13.62	3.21	0.00	3.05	-10.41	-7.36	-12.55	3.23	0.00	3.05	-9.32	-6.27
	62	0.00	-13.67	3.21	0.00	3.05	-10.46	-7.41	-11.93	3.23	0.00	3.05	-8.70	-5.65
	64	0.00	-13.74	3.21	0.00	3.05	-10.53	-7.48	-12.35	3.23	0.00	3.05	-9.12	-6.07

Sample Calculation:

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

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

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

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

* 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 23 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-80 (OFDMA) 484-tone RU

Pre-correction

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	26 dB EBW [MHz]	99% OBW [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]			
5210	65	-	37.711	0.08	0.11	0.19	-7.19	23.97	31.16	0.26	0.37	0.62	-2.05	29.97	32.02
	66	-	38.001	0.08	0.11	0.19	-7.15	23.97	31.12	0.26	0.37	0.63	-2.01	29.97	31.98
5290	65	49.208	37.747	0.08	0.12	0.20	-6.99	23.97	30.96	0.28	0.38	0.65	-1.85	29.97	31.82
	66	49.505	37.749	0.08	0.11	0.19	-7.24	23.97	31.21	0.26	0.35	0.62	-2.10	29.97	32.07
5530	65	50.066	37.774	0.07	0.10	0.17	-7.74	23.97	31.71	0.15	0.23	0.38	-4.21	29.97	34.18
	66	52.540	37.746	0.07	0.10	0.17	-7.72	23.97	31.69	0.15	0.23	0.38	-4.19	29.97	34.16
5610	65	51.748	37.656	0.08	0.09	0.17	-7.59	23.97	31.56	0.18	0.21	0.39	-4.06	29.97	34.03
	66	50.963	37.724	0.07	0.11	0.18	-7.35	23.97	31.32	0.17	0.25	0.41	-3.82	29.97	33.79
5775	65	-	37.726	0.08	0.13	0.21	-6.74	30.00	36.74	0.17	0.26	0.43	-3.69	36.00	39.69
	66	-	37.745	0.08	0.12	0.20	-6.97	30.00	36.97	0.16	0.25	0.41	-3.92	36.00	39.92

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]
5210	65	0.00	-14.11	3.05	0.00	5.14	-11.06	-5.92	-12.55	3.07	0.00	5.14	-9.48	-4.34
	66	0.00	-14.04	3.05	0.00	5.14	-10.99	-5.85	-12.53	3.07	0.00	5.14	-9.46	-4.32
5290	65	0.00	-13.80	3.07	0.00	5.14	-10.73	-5.59	-12.47	3.09	0.00	5.14	-9.38	-4.24
	66	0.00	-14.01	3.07	0.00	5.14	-10.94	-5.80	-12.75	3.09	0.00	5.14	-9.66	-4.52
5530	65	0.00	-14.80	3.14	0.00	3.53	-11.66	-8.13	-13.16	3.16	0.00	3.53	-10.00	-6.47
	66	0.00	-14.77	3.14	0.00	3.53	-11.63	-8.10	-13.15	3.16	0.00	3.53	-9.99	-6.46
5610	65	0.00	-14.15	3.17	0.00	3.53	-10.98	-7.45	-13.43	3.18	0.00	3.53	-10.25	-6.72
	66	0.00	-14.44	3.17	0.00	3.53	-11.27	-7.74	-12.79	3.18	0.00	3.53	-9.61	-6.08
5775	65	0.00	-13.95	3.21	0.00	3.05	-10.74	-7.69	-12.17	3.23	0.00	3.05	-8.94	-5.89
	66	0.00	-14.29	3.21	0.00	3.05	-11.08	-8.03	-12.33	3.23	0.00	3.05	-9.10	-6.05

Sample Calculation:

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

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

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

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

* 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 23 deg. C / 46 % RH
Engineer Yosuke Murakami
Mode Tx 11ax-80 (OFDMA) 996-tone RU Pre-correction

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

Tested Frequency [MHz]	RU Index	26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [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]
5210	67	-	77.150	0.08	0.11	0.19	-7.23	23.97	31.20	0.26	0.36	0.62	-2.09	29.97	32.06
5290	67	81.774	77.138	0.07	0.10	0.17	-7.74	23.97	31.71	0.23	0.32	0.55	-2.60	29.97	32.57
5530	67	81.779	77.148	0.07	0.10	0.17	-7.81	23.97	31.78	0.15	0.22	0.37	-4.28	29.97	34.25
5610	67	81.809	77.129	0.08	0.09	0.17	-7.67	23.97	31.64	0.17	0.21	0.39	-4.14	29.97	34.11
5775	67	-	77.171	0.08	0.12	0.20	-6.95	30.00	36.95	0.16	0.25	0.41	-3.90	36.00	39.90

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]
5210	67	0.00	-14.08	3.05	0.00	5.14	-11.03	-5.89		-12.64	3.07	0.00	5.14	-9.57	-4.43
5290	67	0.00	-14.61	3.07	0.00	5.14	-11.54	-6.40		-13.18	3.09	0.00	5.14	-10.09	-4.95
5530	67	0.00	-14.94	3.14	0.00	3.53	-11.80	-8.27		-13.18	3.16	0.00	3.53	-10.02	-6.49
5610	67	0.00	-14.28	3.17	0.00	3.53	-11.11	-7.58		-13.47	3.18	0.00	3.53	-10.29	-6.76
5775	67	0.00	-14.21	3.21	0.00	3.05	-11.00	-7.95		-12.35	3.23	0.00	3.05	-9.12	-6.07

Sample Calculation:

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

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

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

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

* 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 May 31, 2023
Temperature / Humidity 25 deg. C / 48 % RH
Engineer Kenichi Adachi
Mode Tx 11a, Tx 11n-20

11a

Worst rate check (5180 MHz)

data rate	ANT0					ANT1					Total		Remark
	Reading (Average)	Cable Loss	Atten. Loss	Result		Reading (Average)	Cable Loss	Atten. Loss	Result		Result Power		
				[dBm]	[mW]				[dBm]	[mW]	[dBm]	[mW]	
[Mbps]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	
6	-6.19	3.04	9.98	6.83	4.82	-4.88	3.06	10.09	8.27	6.71	10.62	11.53	-
9	-7.01	3.04	9.98	6.01	3.99	-5.27	3.06	10.09	7.88	6.14	10.06	10.13	-
12	-6.93	3.04	9.98	6.09	4.06	-5.36	3.06	10.09	7.79	6.01	10.03	10.08	-
18	-6.38	3.04	9.98	6.64	4.61	-4.98	3.06	10.09	8.17	6.56	10.48	11.17	-
24	-6.10	3.04	9.98	6.92	4.92	-4.87	3.06	10.09	8.28	6.73	10.66	11.65	-
36	-6.19	3.04	9.98	6.83	4.82	-4.86	3.06	10.09	8.29	6.75	10.63	11.56	-
48	-6.06	3.04	9.98	6.96	4.97	-4.76	3.06	10.09	8.39	6.90	10.74	11.87	-
54	-6.04	3.04	9.98	6.98	4.99	-4.71	3.06	10.09	8.44	6.98	10.78	11.97	*

*Worst Rate

Sample Calculation:

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.

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

11n-20

Worst rate check (5180 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	-6.28	3.04	9.98	6.74	4.72	-4.97	3.06	10.09	8.18	6.58	10.53	11.30	-
1	-6.92	3.04	9.98	6.10	4.07	-5.74	3.06	10.09	7.41	5.51	9.81	9.58	-
2	-6.57	3.04	9.98	6.45	4.42	-5.00	3.06	10.09	8.15	6.53	10.39	10.95	-
3	-6.54	3.04	9.98	6.48	4.45	-5.06	3.06	10.09	8.09	6.44	10.37	10.89	-
4	-6.30	3.04	9.98	6.72	4.70	-4.85	3.06	10.09	8.30	6.76	10.59	11.46	-
5	-5.98	3.04	9.98	7.04	5.06	-4.66	3.06	10.09	8.49	7.06	10.84	12.12	-
6	-6.08	3.04	9.98	6.94	4.94	-4.70	3.06	10.09	8.45	7.00	10.77	11.94	-
7	-6.15	3.04	9.98	6.87	4.86	-4.72	3.06	10.09	8.43	6.97	10.73	11.83	-
8	-6.40	3.04	9.98	6.62	4.59	-4.82	3.06	10.09	8.33	6.81	10.57	11.40	-
9	-6.93	3.04	9.98	6.09	4.06	-5.60	3.06	10.09	7.55	5.69	9.89	9.75	-
10	-6.62	3.04	9.98	6.40	4.37	-5.21	3.06	10.09	7.94	6.22	10.25	10.59	-
11	-6.60	3.04	9.98	6.42	4.39	-5.20	3.06	10.09	7.95	6.24	10.26	10.62	-
12	-6.42	3.04	9.98	6.60	4.57	-4.82	3.06	10.09	8.33	6.81	10.56	11.38	-
13	-6.09	3.04	9.98	6.93	4.93	-4.57	3.06	10.09	8.58	7.21	10.84	12.14	*
14	-6.15	3.04	9.98	6.87	4.86	-4.58	3.06	10.09	8.57	7.19	10.81	12.06	-
15	-6.20	3.04	9.98	6.82	4.81	-4.72	3.06	10.09	8.43	6.97	10.71	11.77	-

*Worst Rate

Sample Calculation:

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.

* 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 June 1, 2023
Temperature / Humidity 26 deg. C / 40 % RH
Engineer Kenichi Adachi
Mode Tx 11ac-20, Tx 11ax-20 (OFDM)

11ac-20

Worst rate check (5180 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)	-6.29	3.04	9.98	6.73	4.71	-4.84	3.06	10.09	8.31	6.78	10.60	11.49	-
1 (1SS)	-7.20	3.04	9.98	5.82	3.82	-5.40	3.06	10.09	7.75	5.96	9.90	9.78	-
2 (1SS)	-6.52	3.04	9.98	6.50	4.47	-5.16	3.06	10.09	7.99	6.30	10.32	10.76	-
3 (1SS)	-6.33	3.04	9.98	6.69	4.67	-4.94	3.06	10.09	8.21	6.62	10.53	11.29	-
4 (1SS)	-6.35	3.04	9.98	6.67	4.65	-4.92	3.06	10.09	8.23	6.65	10.53	11.30	-
5 (1SS)	-6.14	3.04	9.98	6.88	4.88	-4.67	3.06	10.09	8.48	7.05	10.76	11.92	-
6 (1SS)	-6.22	3.04	9.98	6.80	4.79	-4.72	3.06	10.09	8.43	6.97	10.70	11.75	-
7 (1SS)	-6.06	3.04	9.98	6.96	4.97	-4.70	3.06	10.09	8.45	7.00	10.78	11.96	-
8 (1SS)	-6.21	3.04	9.98	6.81	4.80	-4.78	3.06	10.09	8.37	6.87	10.67	11.67	-
0 (2SS)	-6.27	3.04	9.98	6.75	4.73	-4.84	3.06	10.09	8.31	6.78	10.61	11.51	-
1 (2SS)	-7.02	3.04	9.98	6.00	3.98	-5.68	3.06	10.09	7.47	5.58	9.81	9.57	-
2 (2SS)	-6.66	3.04	9.98	6.36	4.33	-5.05	3.06	10.09	8.10	6.46	10.33	10.78	-
3 (2SS)	-6.37	3.04	9.98	6.65	4.62	-5.01	3.06	10.09	8.14	6.52	10.47	11.14	-
4 (2SS)	-6.22	3.04	9.98	6.80	4.79	-4.82	3.06	10.09	8.33	6.81	10.64	11.59	-
5 (2SS)	-6.15	3.04	9.98	6.87	4.86	-4.61	3.06	10.09	8.54	7.14	10.80	12.01	*
6 (2SS)	-6.21	3.04	9.98	6.81	4.80	-4.90	3.06	10.09	8.25	6.68	10.60	11.48	-
7 (2SS)	-6.16	3.04	9.98	6.86	4.85	-4.82	3.06	10.09	8.33	6.81	10.67	11.66	-
8 (2SS)	-6.24	3.04	9.98	6.78	4.76	-4.85	3.06	10.09	8.30	6.76	10.62	11.53	-

*Worst Rate

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.

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

11ax-20 (OFDM)

Worst rate check (5180 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)	-6.47	3.04	9.98	6.55	4.52	-5.04	3.06	10.09	8.11	6.47	10.41	10.99	-
1 (1SS)	-7.04	3.04	9.98	5.98	3.96	-5.35	3.06	10.09	7.80	6.03	9.99	9.99	-
2 (1SS)	-6.69	3.04	9.98	6.33	4.30	-5.33	3.06	10.09	7.82	6.05	10.15	10.35	-
3 (1SS)	-6.50	3.04	9.98	6.52	4.49	-5.11	3.06	10.09	8.04	6.37	10.36	10.86	-
4 (1SS)	-6.37	3.04	9.98	6.65	4.62	-4.92	3.06	10.09	8.23	6.65	10.52	11.28	-
5 (1SS)	-5.80	3.04	9.98	7.22	5.27	-4.51	3.06	10.09	8.64	7.31	11.00	12.58	-
6 (1SS)	-6.00	3.04	9.98	7.02	5.04	-4.58	3.06	10.09	8.57	7.19	10.87	12.23	-
7 (1SS)	-5.72	3.04	9.98	7.30	5.37	-4.40	3.06	10.09	8.75	7.50	11.10	12.87	-
8 (1SS)	-5.79	3.04	9.98	7.23	5.28	-4.44	3.06	10.09	8.71	7.43	11.04	12.71	-
9 (1SS)	-5.80	3.04	9.98	7.22	5.27	-4.45	3.06	10.09	8.70	7.41	11.03	12.69	-
10 (1SS)	-5.92	3.04	9.98	7.10	5.13	-4.52	3.06	10.09	8.63	7.29	10.94	12.42	-
11 (1SS)	-5.73	3.04	9.98	7.29	5.36	-4.68	3.06	10.09	8.47	7.03	10.93	12.39	-
0 (2SS)	-6.42	3.04	9.98	6.60	4.57	-5.03	3.06	10.09	8.12	6.49	10.44	11.06	-
1 (2SS)	-7.13	3.04	9.98	5.89	3.88	-5.30	3.06	10.09	7.85	6.10	9.99	9.98	-
2 (2SS)	-6.64	3.04	9.98	6.38	4.35	-5.23	3.06	10.09	7.92	6.19	10.23	10.54	-
3 (2SS)	-6.43	3.04	9.98	6.59	4.56	-5.17	3.06	10.09	7.98	6.28	10.35	10.84	-
4 (2SS)	-6.38	3.04	9.98	6.64	4.61	-5.00	3.06	10.09	8.15	6.53	10.47	11.14	-
5 (2SS)	-5.90	3.04	9.98	7.12	5.15	-4.45	3.06	10.09	8.70	7.41	10.99	12.57	-
6 (2SS)	-5.80	3.04	9.98	7.22	5.27	-4.38	3.06	10.09	8.77	7.53	11.07	12.81	-
7 (2SS)	-5.76	3.04	9.98	7.26	5.32	-4.34	3.06	10.09	8.81	7.60	11.11	12.92	*
8 (2SS)	-5.88	3.04	9.98	7.14	5.18	-4.37	3.06	10.09	8.78	7.55	11.05	12.73	-
9 (2SS)	-5.90	3.04	9.98	7.12	5.15	-4.49	3.06	10.09	8.66	7.35	10.97	12.50	-
10 (2SS)	-5.83	3.04	9.98	7.19	5.24	-4.40	3.06	10.09	8.75	7.50	11.05	12.73	-
11 (2SS)	-5.86	3.04	9.98	7.16	5.20	-4.41	3.06	10.09	8.74	7.48	11.03	12.68	-

*Worst Rate

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 May 31, 2023 June 2, 2023
Temperature / Humidity 25 deg. C / 48 % RH 25 deg. C / 43 % RH
Engineer Kenichi Adachi Kenichi Adachi
Mode Tx 11n-40, Tx 11ac-40

11n-40

Worst rate check (5190 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	-6.37	3.04	9.98	6.65	4.62	-4.45	3.06	10.09	8.70	7.41	10.81	12.04	-
1	-6.64	3.04	9.98	6.38	4.35	-4.76	3.06	10.09	8.39	6.90	10.51	11.25	-
2	-6.22	3.04	9.98	6.80	4.79	-4.53	3.06	10.09	8.62	7.28	10.81	12.06	-
3	-6.30	3.04	9.98	6.72	4.70	-4.38	3.06	10.09	8.77	7.53	10.88	12.23	-
4	-6.00	3.04	9.98	7.02	5.04	-4.33	3.06	10.09	8.82	7.62	11.02	12.66	-
5	-5.94	3.04	9.98	7.08	5.11	-4.30	3.06	10.09	8.85	7.67	11.06	12.78	-
6	-6.01	3.04	9.98	7.01	5.02	-4.26	3.06	10.09	8.89	7.74	11.06	12.77	-
7	-6.02	3.04	9.98	7.00	5.01	-4.34	3.06	10.09	8.81	7.60	11.01	12.62	-
8	-6.27	3.04	9.98	6.75	4.73	-4.44	3.06	10.09	8.71	7.43	10.85	12.16	-
9	-6.66	3.04	9.98	6.36	4.33	-4.57	3.06	10.09	8.58	7.21	10.62	11.54	-
10	-6.12	3.04	9.98	6.90	4.90	-4.39	3.06	10.09	8.76	7.52	10.94	12.41	-
11	-6.22	3.04	9.98	6.80	4.79	-4.60	3.06	10.09	8.55	7.16	10.77	11.95	-
12	-6.12	3.04	9.98	6.90	4.90	-4.28	3.06	10.09	8.87	7.71	11.01	12.61	-
13	-6.02	3.04	9.98	7.00	5.01	-4.14	3.06	10.09	9.01	7.96	11.13	12.97	*
14	-6.05	3.04	9.98	6.97	4.98	-4.17	3.06	10.09	8.98	7.91	11.10	12.88	-
15	-6.10	3.04	9.98	6.92	4.92	-4.21	3.06	10.09	8.94	7.83	11.06	12.75	-

*Worst Rate

Sample Calculation:

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.

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

11ac-40

Worst rate check (5190 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]	[dBm]	[mW]	
0 (1SS)	-6.04	3.04	9.98	6.98	4.99	-4.44	3.06	10.09	8.71	7.43	10.94	12.42	-
1 (1SS)	-6.31	3.04	9.98	6.71	4.69	-4.55	3.06	10.09	8.60	7.24	10.77	11.93	-
2 (1SS)	-6.27	3.04	9.98	6.75	4.73	-4.36	3.06	10.09	8.79	7.57	10.90	12.30	-
3 (1SS)	-6.11	3.04	9.98	6.91	4.91	-4.67	3.06	10.09	8.48	7.05	10.78	11.96	-
4 (1SS)	-6.10	3.04	9.98	6.92	4.92	-4.42	3.06	10.09	8.73	7.46	10.93	12.38	-
5 (1SS)	-5.88	3.04	9.98	7.14	5.18	-4.48	3.06	10.09	8.67	7.36	10.98	12.54	-
6 (1SS)	-5.90	3.04	9.98	7.12	5.15	-4.19	3.06	10.09	8.96	7.87	11.15	13.02	-
7 (1SS)	-5.80	3.04	9.98	7.22	5.27	-4.14	3.06	10.09	9.01	7.96	11.22	13.23	-
8 (1SS)	-6.00	3.04	9.98	7.02	5.04	-4.15	3.06	10.09	9.00	7.94	11.13	12.98	-
9 (1SS)	-6.06	3.04	9.98	6.96	4.97	-4.21	3.06	10.09	8.94	7.83	11.07	12.80	-
0 (2SS)	-6.22	3.04	9.98	6.80	4.79	-4.38	3.06	10.09	8.77	7.53	10.91	12.32	-
1 (2SS)	-6.24	3.04	9.98	6.78	4.76	-4.54	3.06	10.09	8.61	7.26	10.80	12.03	-
2 (2SS)	-6.01	3.04	9.98	7.01	5.02	-4.33	3.06	10.09	8.82	7.62	11.02	12.64	-
3 (2SS)	-6.19	3.04	9.98	6.83	4.82	-4.26	3.06	10.09	8.89	7.74	10.99	12.56	-
4 (2SS)	-5.88	3.04	9.98	7.14	5.18	-4.45	3.06	10.09	8.70	7.41	11.00	12.59	-
5 (2SS)	-5.82	3.04	9.98	7.20	5.25	-4.42	3.06	10.09	8.73	7.46	11.04	12.71	-
6 (2SS)	-5.84	3.04	9.98	7.18	5.22	-4.40	3.06	10.09	8.75	7.50	11.05	12.72	-
7 (2SS)	-5.88	3.04	9.98	7.14	5.18	-4.07	3.06	10.09	9.08	8.09	11.23	13.27	*
8 (2SS)	-5.91	3.04	9.98	7.11	5.14	-4.34	3.06	10.09	8.81	7.60	11.05	12.74	-
9 (2SS)	-6.00	3.04	9.98	7.02	5.04	-4.09	3.06	10.09	9.06	8.05	11.17	13.09	-

*Worst Rate

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.

* 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 June 2, 2023
Temperature / Humidity 25 deg. C / 43 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-40 (OFDM), Tx 11ac-80

11ax-40 (OFDM)
Worst rate check (5190 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]			
											[dBm]	[mW]	
0 (1SS)	-6.32	3.04	9.98	6.70	4.68	-4.47	3.06	10.09	8.68	7.38	10.81	12.06	-
1 (1SS)	-6.43	3.04	9.98	6.59	4.56	-4.39	3.06	10.09	8.76	7.52	10.82	12.08	-
2 (1SS)	-6.11	3.04	9.98	6.91	4.91	-4.40	3.06	10.09	8.75	7.50	10.94	12.41	-
3 (1SS)	-6.16	3.04	9.98	6.86	4.85	-4.22	3.06	10.09	8.93	7.82	11.03	12.67	-
4 (1SS)	-6.10	3.04	9.98	6.92	4.92	-4.35	3.06	10.09	8.80	7.59	10.97	12.51	-
5 (1SS)	-5.45	3.04	9.98	7.57	5.71	-3.66	3.06	10.09	9.49	8.89	11.65	14.61	-
6 (1SS)	-5.56	3.04	9.98	7.46	5.57	-3.65	3.06	10.09	9.50	8.91	11.61	14.48	-
7 (1SS)	-5.44	3.04	9.98	7.58	5.73	-3.63	3.06	10.09	9.52	8.95	11.67	14.68	-
8 (1SS)	-5.39	3.04	9.98	7.63	5.79	-3.76	3.06	10.09	9.39	8.69	11.61	14.48	-
9 (1SS)	-5.46	3.04	9.98	7.56	5.70	-3.84	3.06	10.09	9.31	8.53	11.53	14.23	-
10 (1SS)	-5.59	3.04	9.98	7.43	5.53	-3.69	3.06	10.09	9.46	8.83	11.57	14.36	-
11 (1SS)	-5.76	3.04	9.98	7.26	5.32	-3.87	3.06	10.09	9.28	8.47	11.40	13.79	-
0 (2SS)	-6.25	3.04	9.98	6.77	4.75	-4.24	3.06	10.09	8.91	7.78	10.98	12.53	-
1 (2SS)	-6.36	3.04	9.98	6.66	4.63	-4.37	3.06	10.09	8.78	7.55	10.86	12.19	-
2 (2SS)	-6.20	3.04	9.98	6.82	4.81	-4.25	3.06	10.09	8.90	7.76	10.99	12.57	-
3 (2SS)	-6.33	3.04	9.98	6.69	4.67	-4.50	3.06	10.09	8.65	7.33	10.79	11.99	-
4 (2SS)	-6.01	3.04	9.98	7.01	5.02	-4.37	3.06	10.09	8.78	7.55	10.99	12.57	-
5 (2SS)	-5.51	3.04	9.98	7.51	5.64	-3.66	3.06	10.09	9.49	8.89	11.62	14.53	-
6 (2SS)	-5.53	3.04	9.98	7.49	5.61	-3.69	3.06	10.09	9.46	8.83	11.60	14.44	-
7 (2SS)	-5.51	3.04	9.98	7.51	5.64	-3.57	3.06	10.09	9.58	9.08	11.68	14.71	*
8 (2SS)	-5.56	3.04	9.98	7.46	5.57	-3.64	3.06	10.09	9.51	8.93	11.62	14.50	-
9 (2SS)	-5.54	3.04	9.98	7.48	5.60	-3.72	3.06	10.09	9.43	8.77	11.57	14.37	-
10 (2SS)	-5.69	3.04	9.98	7.33	5.41	-3.80	3.06	10.09	9.35	8.61	11.47	14.02	-
11 (2SS)	-5.75	3.04	9.98	7.27	5.33	-3.87	3.06	10.09	9.28	8.47	11.40	13.81	-

*Worst Rate

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.

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

11ac-80
Worst rate check (5210 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)	-6.55	3.04	9.98	6.47	4.44	-4.66	3.06	10.09	8.49	7.06	10.61	11.50	-
1 (1SS)	-6.58	3.04	9.98	6.44	4.41	-4.69	3.06	10.09	8.46	7.01	10.58	11.42	-
2 (1SS)	-6.50	3.04	9.98	6.52	4.49	-4.63	3.06	10.09	8.52	7.11	10.64	11.60	-
3 (1SS)	-6.43	3.04	9.98	6.59	4.56	-4.49	3.06	10.09	8.66	7.35	10.76	11.91	-
4 (1SS)	-6.35	3.04	9.98	6.67	4.65	-4.28	3.06	10.09	8.87	7.71	10.92	12.35	-
5 (1SS)	-6.10	3.04	9.98	6.92	4.92	-4.19	3.06	10.09	8.96	7.87	11.07	12.79	-
6 (1SS)	-6.16	3.04	9.98	6.86	4.85	-4.28	3.06	10.09	8.87	7.71	10.99	12.56	-
7 (1SS)	-6.16	3.04	9.98	6.86	4.85	-4.11	3.06	10.09	9.04	8.02	11.10	12.87	-
8 (1SS)	-6.14	3.04	9.98	6.88	4.88	-4.14	3.06	10.09	9.01	7.96	11.08	12.84	-
9 (1SS)	-6.03	3.04	9.98	6.99	5.00	-4.20	3.06	10.09	8.95	7.85	11.09	12.85	-
0 (2SS)	-6.39	3.04	9.98	6.63	4.60	-4.47	3.06	10.09	8.68	7.38	10.79	11.98	-
1 (2SS)	-6.40	3.04	9.98	6.62	4.59	-4.52	3.06	10.09	8.63	7.29	10.75	11.89	-
2 (2SS)	-6.42	3.04	9.98	6.60	4.57	-4.41	3.06	10.09	8.74	7.48	10.81	12.05	-
3 (2SS)	-6.33	3.04	9.98	6.69	4.67	-4.27	3.06	10.09	8.88	7.73	10.93	12.39	-
4 (2SS)	-6.27	3.04	9.98	6.75	4.73	-4.43	3.06	10.09	8.72	7.45	10.86	12.18	-
5 (2SS)	-6.21	3.04	9.98	6.81	4.80	-4.17	3.06	10.09	8.98	7.91	11.04	12.70	-
6 (2SS)	-6.35	3.04	9.98	6.67	4.65	-4.48	3.06	10.09	8.67	7.36	10.79	12.01	-
7 (2SS)	-5.99	3.04	9.98	7.03	5.05	-4.18	3.06	10.09	8.97	7.89	11.12	12.94	*
8 (2SS)	-6.28	3.04	9.98	6.74	4.72	-4.44	3.06	10.09	8.71	7.43	10.85	12.15	-
9 (2SS)	-6.34	3.04	9.98	6.68	4.66	-4.49	3.06	10.09	8.66	7.35	10.79	12.00	-

*Worst Rate

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.

* 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 June 6, 2023
Temperature / Humidity 25 deg. C / 42 % RH
Engineer Kenichi Adachi
Mode Tx 11ax-80 (OFDM)

11ax-80 (OFDM)
Worst rate check (5210 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)	-7.06	3.04	9.98	5.96	3.94	-4.80	3.06	10.09	8.35	6.84	10.33	10.78	-
1 (1SS)	-6.84	3.04	9.98	6.18	4.15	-4.81	3.06	10.09	8.34	6.82	10.40	10.97	-
2 (1SS)	-6.59	3.04	9.98	6.43	4.40	-4.64	3.06	10.09	8.51	7.10	10.60	11.49	-
3 (1SS)	-6.46	3.04	9.98	6.56	4.53	-4.67	3.06	10.09	8.48	7.05	10.64	11.58	-
4 (1SS)	-6.50	3.04	9.98	6.52	4.49	-4.53	3.06	10.09	8.62	7.28	10.71	11.77	-
5 (1SS)	-6.05	3.04	9.98	6.97	4.98	-4.18	3.06	10.09	8.97	7.89	11.09	12.87	-
6 (1SS)	-6.03	3.04	9.98	6.99	5.00	-4.14	3.06	10.09	9.01	7.96	11.13	12.96	-
7 (1SS)	-5.96	3.04	9.98	7.06	5.08	-4.01	3.06	10.09	9.14	8.20	11.23	13.29	-
8 (1SS)	-5.93	3.04	9.98	7.09	5.12	-4.08	3.06	10.09	9.07	8.07	11.20	13.19	-
9 (1SS)	-5.89	3.04	9.98	7.13	5.16	-4.09	3.06	10.09	9.06	8.05	11.21	13.22	-
10 (1SS)	-5.94	3.04	9.98	7.08	5.11	-4.06	3.06	10.09	9.09	8.11	11.21	13.21	-
11 (1SS)	-6.06	3.04	9.98	6.96	4.97	-4.07	3.06	10.09	9.08	8.09	11.16	13.06	-
0 (2SS)	-6.93	3.04	9.98	6.09	4.06	-4.77	3.06	10.09	8.38	6.89	10.39	10.95	-
1 (2SS)	-6.92	3.04	9.98	6.10	4.07	-4.81	3.06	10.09	8.34	6.82	10.37	10.90	-
2 (2SS)	-6.73	3.04	9.98	6.29	4.26	-4.80	3.06	10.09	8.35	6.84	10.45	11.10	-
3 (2SS)	-6.50	3.04	9.98	6.52	4.49	-4.63	3.06	10.09	8.52	7.11	10.64	11.60	-
4 (2SS)	-6.60	3.04	9.98	6.42	4.39	-4.71	3.06	10.09	8.44	6.98	10.56	11.37	-
5 (2SS)	-6.03	3.04	9.98	6.99	5.00	-4.17	3.06	10.09	8.98	7.91	11.11	12.91	-
6 (2SS)	-5.96	3.04	9.98	7.06	5.08	-4.07	3.06	10.09	9.08	8.09	11.20	13.17	-
7 (2SS)	-5.88	3.04	9.98	7.14	5.18	-3.98	3.06	10.09	9.17	8.26	11.28	13.44	*
8 (2SS)	-5.99	3.04	9.98	7.03	5.05	-4.24	3.06	10.09	8.91	7.78	11.08	12.83	-
9 (2SS)	-5.99	3.04	9.98	7.03	5.05	-3.99	3.06	10.09	9.16	8.24	11.23	13.29	-
10 (2SS)	-5.98	3.04	9.98	7.04	5.06	-4.11	3.06	10.09	9.04	8.02	11.16	13.08	-
11 (2SS)	-5.96	3.04	9.98	7.06	5.08	-4.12	3.06	10.09	9.03	8.00	11.17	13.08	-

*Worst Rate

Sample Calculation:

(* SS: Spatial Stream)

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

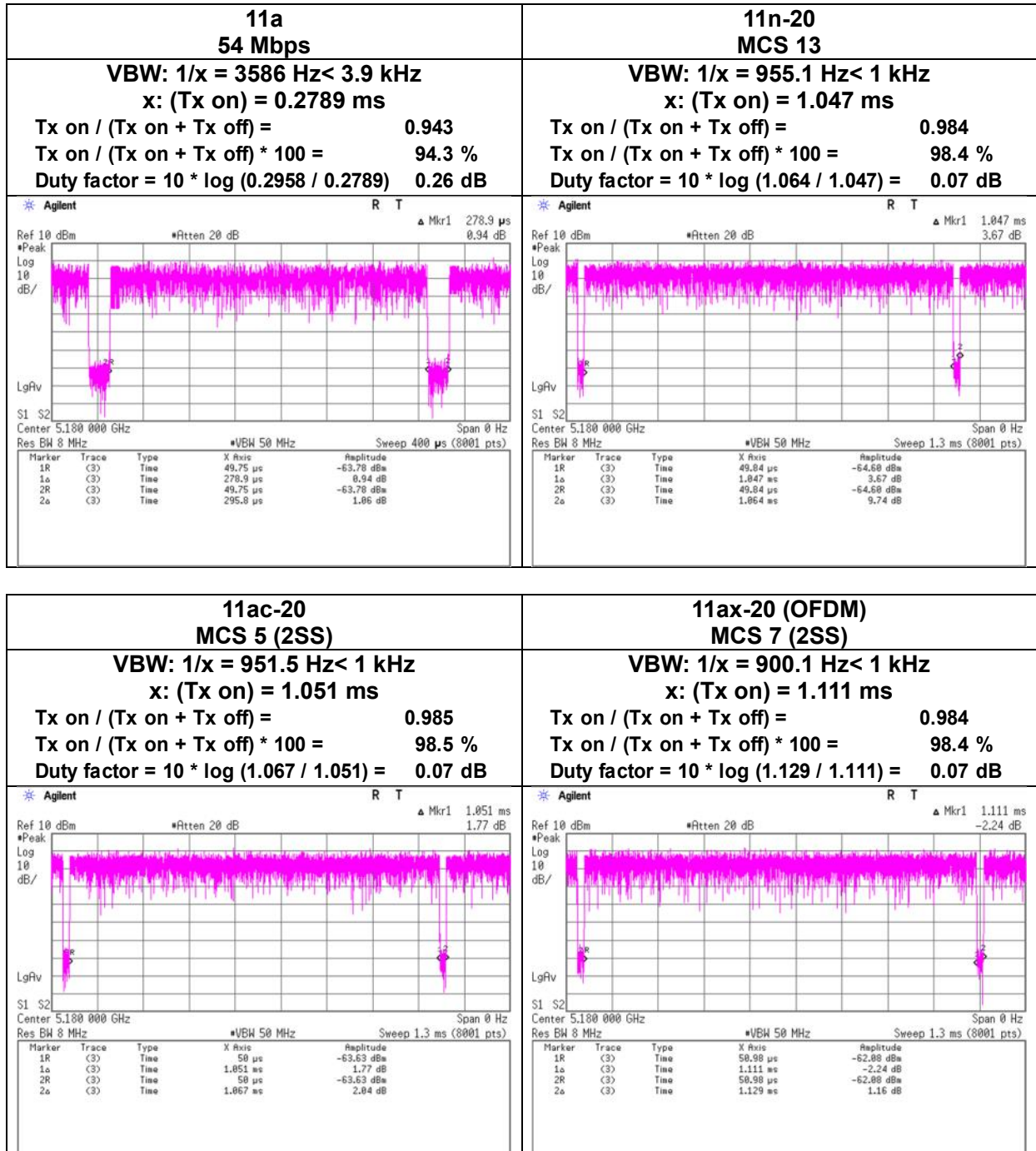
Total Result = ANT0 Result + ANT1 Result

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

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

Burst rate confirmation

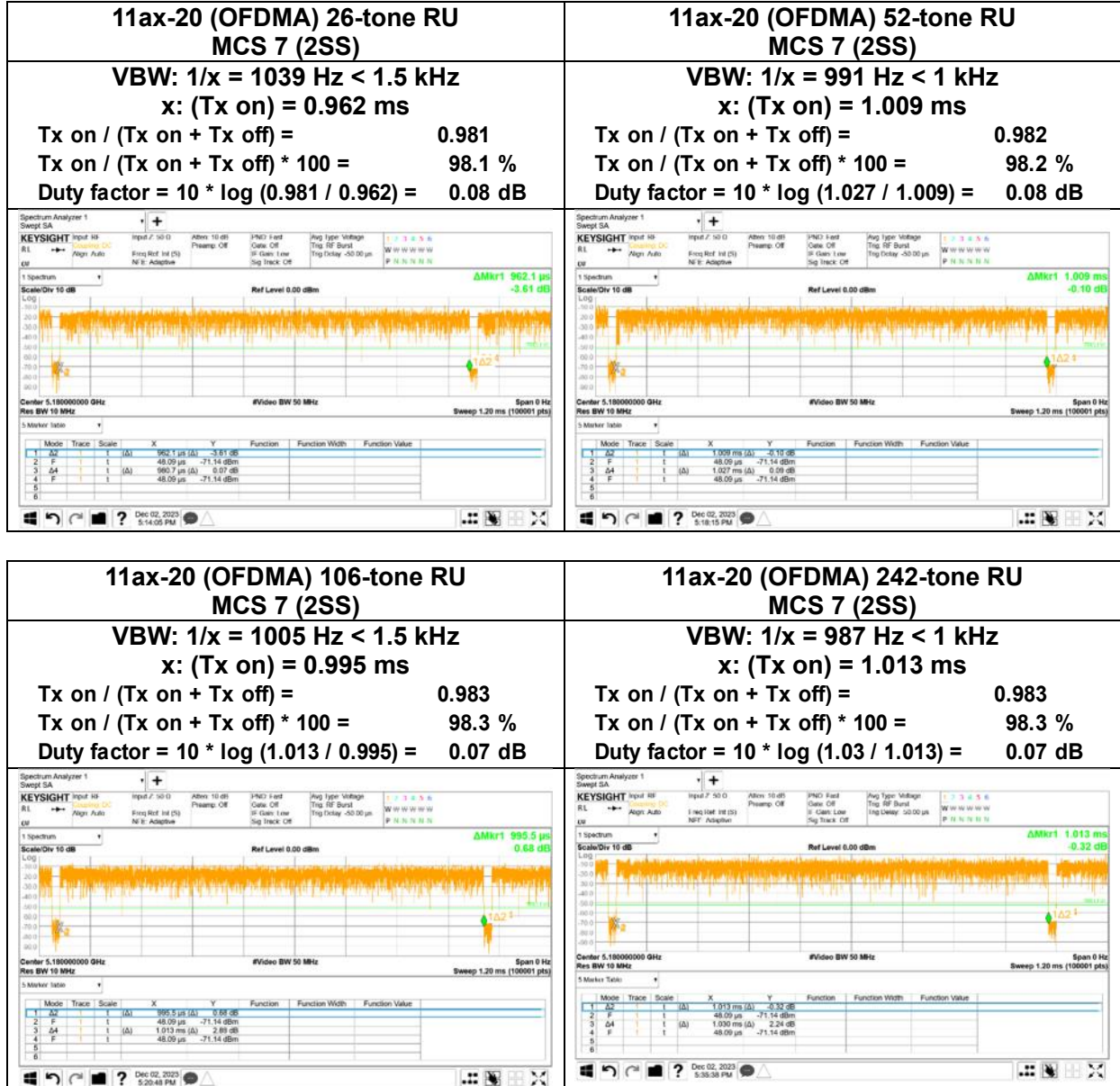
Test place Shonan EMC Lab. No.5 Shielded Room
Date June 7, 2023
Temperature / Humidity 26 deg. C / 46 % RH
Engineer Kenichi Adachi
Mode Tx



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

Burst rate confirmation

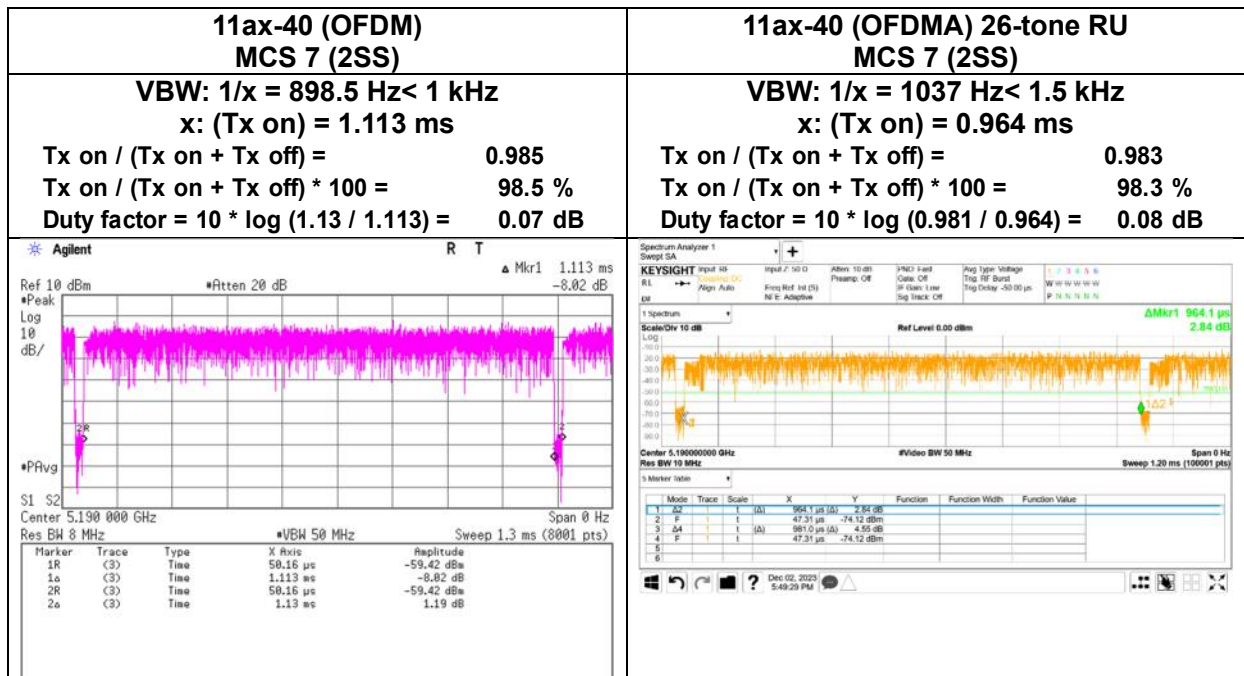
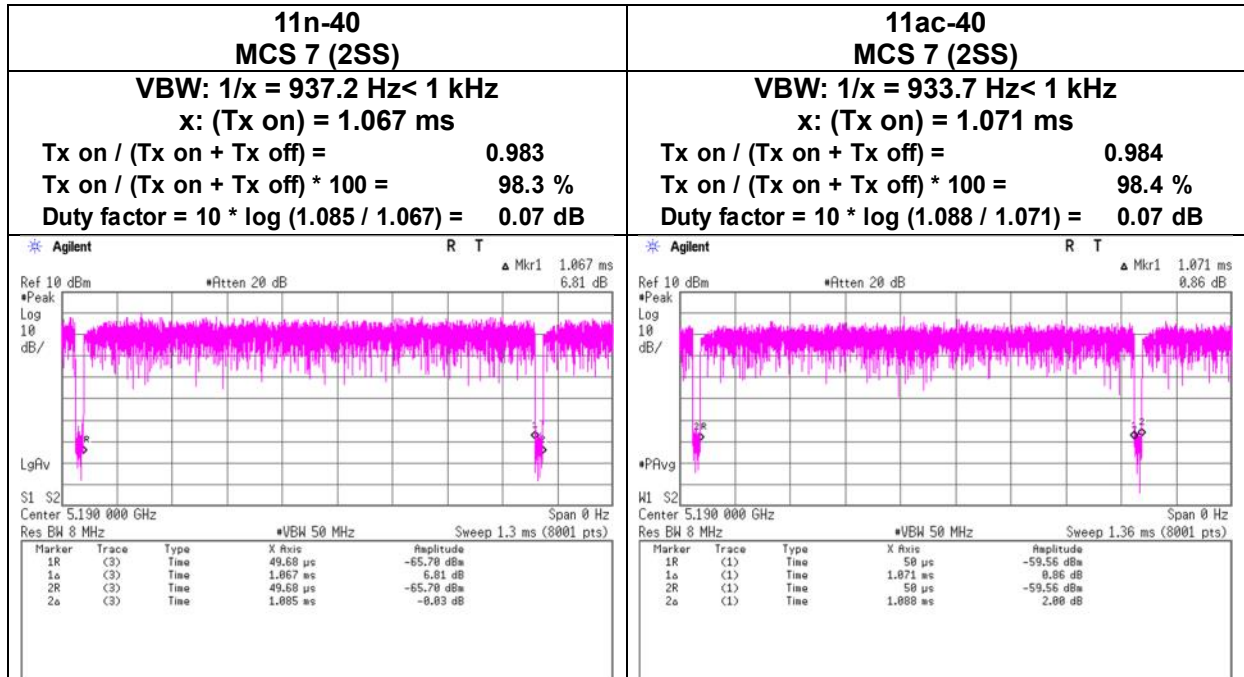
Test place Shonan EMC Lab. No.5 Shielded Room
Date December 2, 2023
Temperature / Humidity 24 deg. C / 28 % RH
Engineer Kenichi Adachi
Mode Tx



* 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	June 7, 2023	December 2, 2023
Temperature / Humidity	26 deg. C / 46 % RH	24 deg. C / 28 % RH
Engineer	Kenichi Adachi	Kenichi Adachi
Mode	Tx	

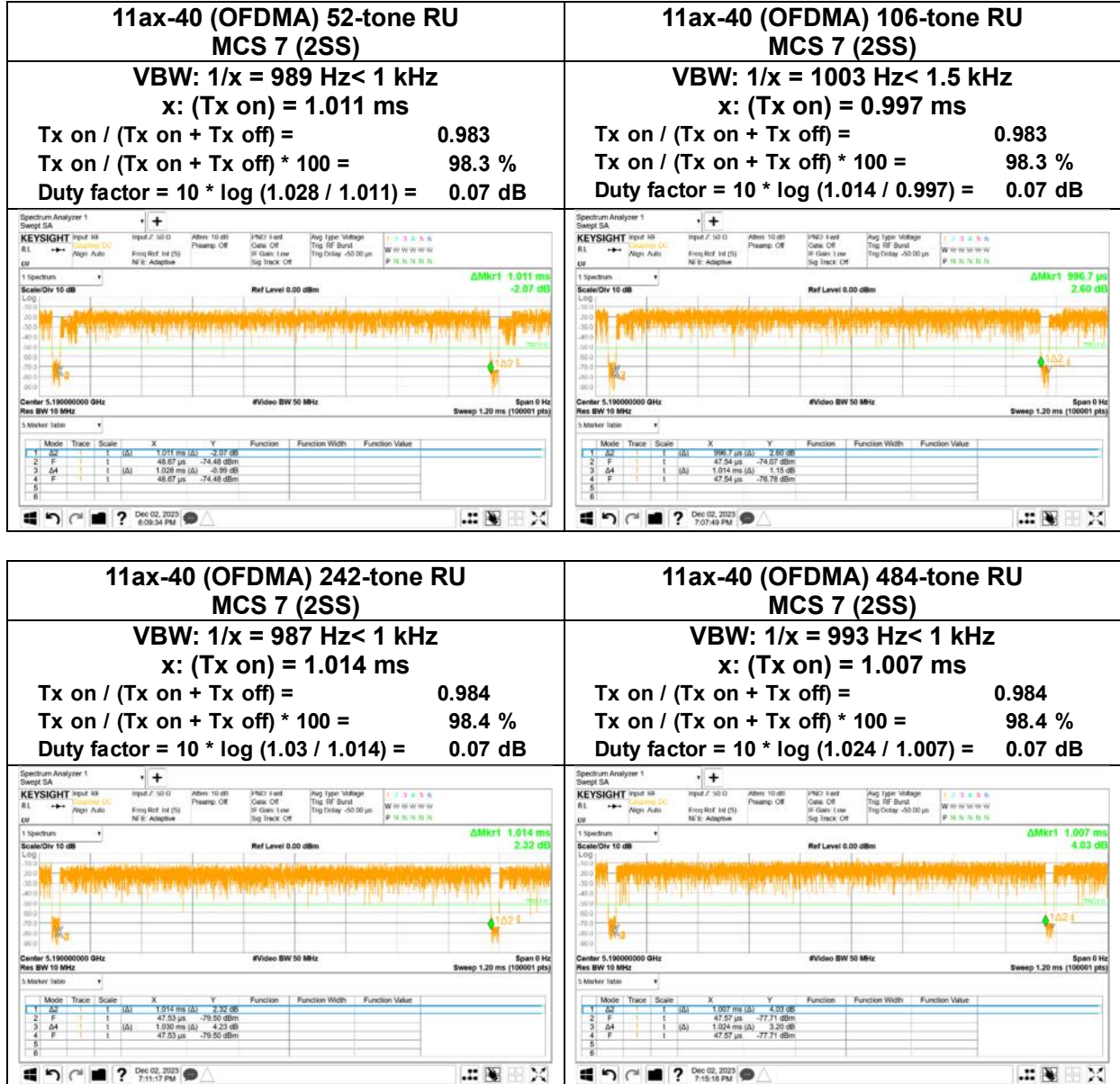


* Since the burst rate is not different between the channels, the data has been obtained on the representative channel.

Burst rate confirmation

Test place
Date
Temperature / Humidity
Engineer
Mode

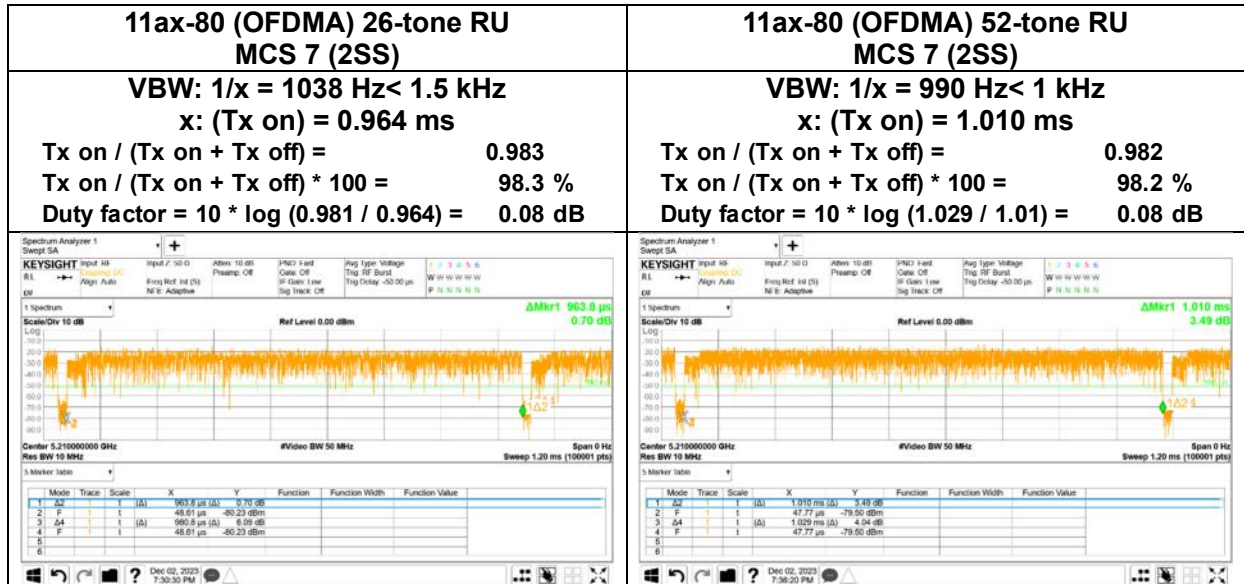
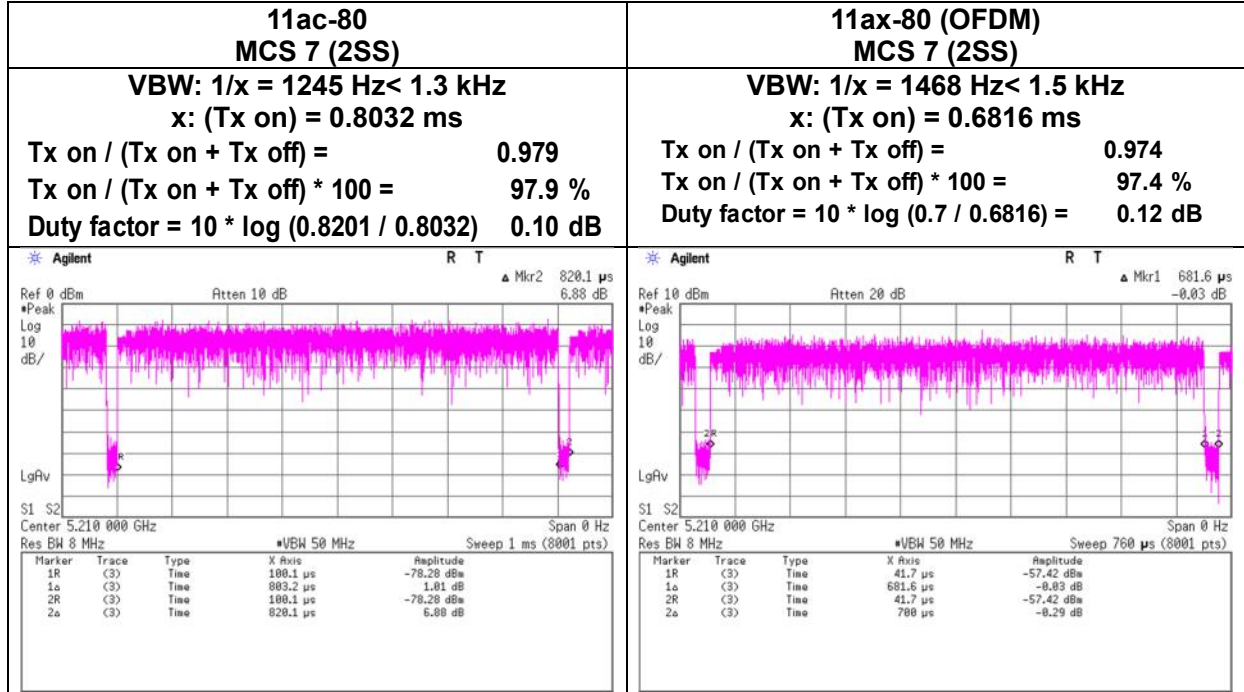
Shonan EMC Lab. No.5 Shielded Room
December 2, 2023
24 deg. C / 28 % RH
Kenichi Adachi
Tx



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

Burst rate confirmation

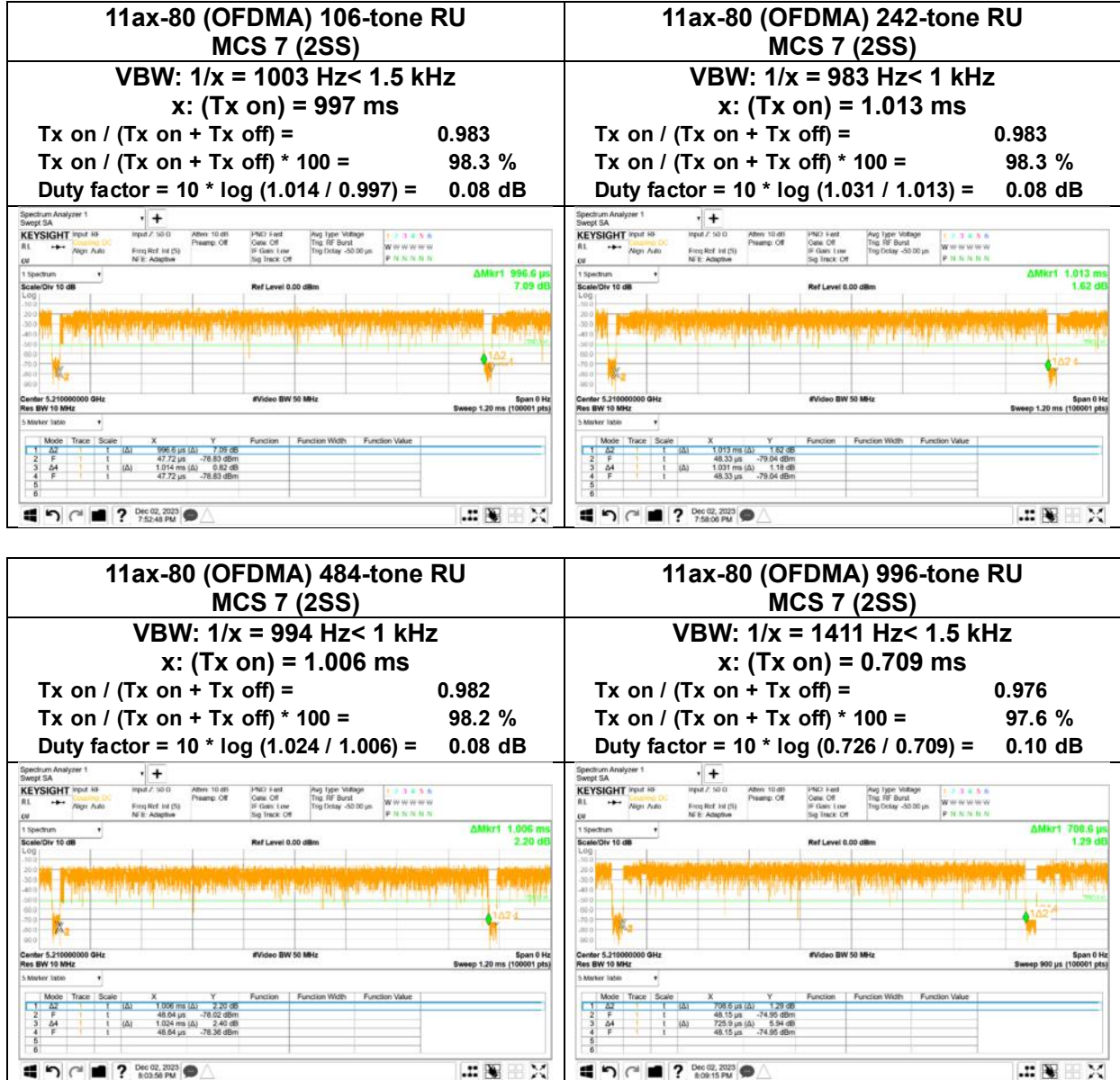
Test place	Shonan EMC Lab. No.5 Shielded Room	
Date	June 11, 2023	December 2, 2023
Temperature / Humidity	25 deg. C / 52 % RH	24 deg. C / 28 % RH
Engineer	Shiro Kobayashi	Kenichi Adachi
Mode	Tx	



* 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 December 2, 2023
Temperature / Humidity 24 deg. C / 28 % RH
Engineer Kenichi Adachi
Mode Tx



* 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 June 11, 2023 November 23, 2023
Temperature / Humidity 25 deg. C / 52 % RH 25 deg. C / 53 % RH
Engineer Shiro Kobayashi Shiro Kobayashi
Mode Tx 11a

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						PSD (e.i.r.p.)					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]			
5180	0.26	0.43	0.70	-1.57	8.84	10.41	1.73	2.83	4.56	6.59	17.00	10.41
5220	0.30	0.47	0.77	-1.15	8.84	9.99	1.97	3.06	5.03	7.01	17.00	9.99
5240	0.30	0.43	0.74	-1.32	8.84	10.16	1.98	2.85	4.83	6.84	17.00	10.16
5260	0.25	0.44	0.70	-1.58	8.84	10.42	1.65	2.91	4.56	6.58	17.00	10.42
5300	0.30	0.46	0.76	-1.22	8.84	10.06	1.96	2.99	4.94	6.94	17.00	10.06
5320	0.26	0.45	0.71	-1.48	8.84	10.32	1.70	2.95	4.65	6.68	17.00	10.32
5500	0.58	0.87	1.45	1.61	10.45	8.84	2.63	3.92	6.54	8.16	17.00	8.84
5580	0.53	0.89	1.42	1.53	10.45	8.92	2.40	4.03	6.43	8.08	17.00	8.92
5700	0.57	0.82	1.38	1.41	10.45	9.04	2.55	3.70	6.26	7.96	17.00	9.04
5745	0.20	0.34	0.55	-2.60	29.93	32.53	0.83	1.39	2.22	3.47	36.00	32.53
5785	0.21	0.34	0.54	-2.65	29.93	32.58	0.83	1.36	2.20	3.42	36.00	32.58
5825	0.22	0.28	0.49	-3.08	29.93	33.01	0.88	1.11	1.99	2.99	36.00	33.01

Tested Frequency [MHz]	ANT0							ANT1						
	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	PSD Reading	PSD Result
	[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]
5180	0.26	0.00	-19.06	3.04	9.98	8.16	-5.78	2.38	-17.05	3.06	10.09	8.16	-3.64	4.52
5220	0.26	0.00	-18.51	3.05	9.98	8.16	-5.22	2.94	-16.72	3.07	10.09	8.16	-3.30	4.86
5240	0.26	0.00	-18.49	3.06	9.98	8.16	-5.20	2.96	-17.04	3.08	10.09	8.16	-3.62	4.54
5260	0.26	0.00	-19.30	3.06	9.98	8.16	-6.00	2.16	-16.95	3.08	10.09	8.16	-3.52	4.64
5300	0.26	0.00	-18.55	3.07	9.98	8.16	-5.24	2.92	-16.85	3.09	10.09	8.16	-3.41	4.75
5320	0.26	0.00	-19.16	3.08	9.98	8.16	-5.84	2.32	-16.91	3.10	10.09	8.16	-3.47	4.69
5500	0.26	0.00	-15.73	3.14	9.98	6.55	-2.36	4.19	-14.13	3.16	10.09	6.55	-0.62	5.93
5580	0.26	0.00	-16.14	3.16	9.98	6.55	-2.74	3.81	-14.02	3.18	10.09	6.55	-0.50	6.05
5700	0.26	0.00	-15.90	3.19	9.98	6.55	-2.48	4.07	-14.42	3.21	10.09	6.55	-0.87	5.68
5745	0.26	6.99	-27.31	3.20	9.98	6.07	-6.89	-0.82	-25.19	3.22	10.09	6.07	-4.63	1.44
5785	0.26	6.99	-27.30	3.21	9.98	6.07	-6.86	-0.79	-25.31	3.23	10.10	6.07	-4.73	1.34
5825	0.26	6.99	-27.09	3.23	9.98	6.07	-6.64	-0.57	-26.20	3.25	10.10	6.07	-5.60	0.47

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log$ (Specified bandwidth / Measured bandwidth)

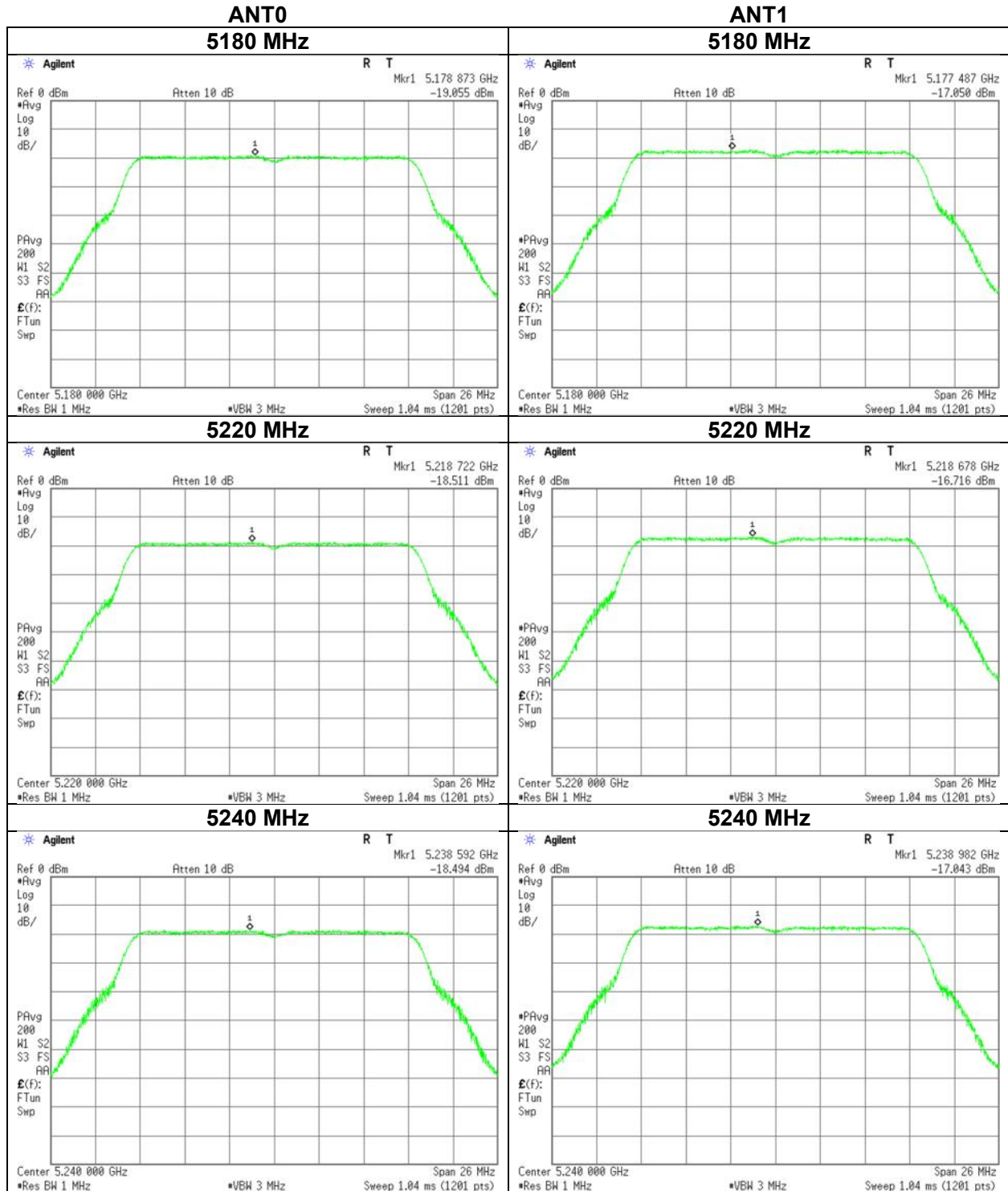
PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

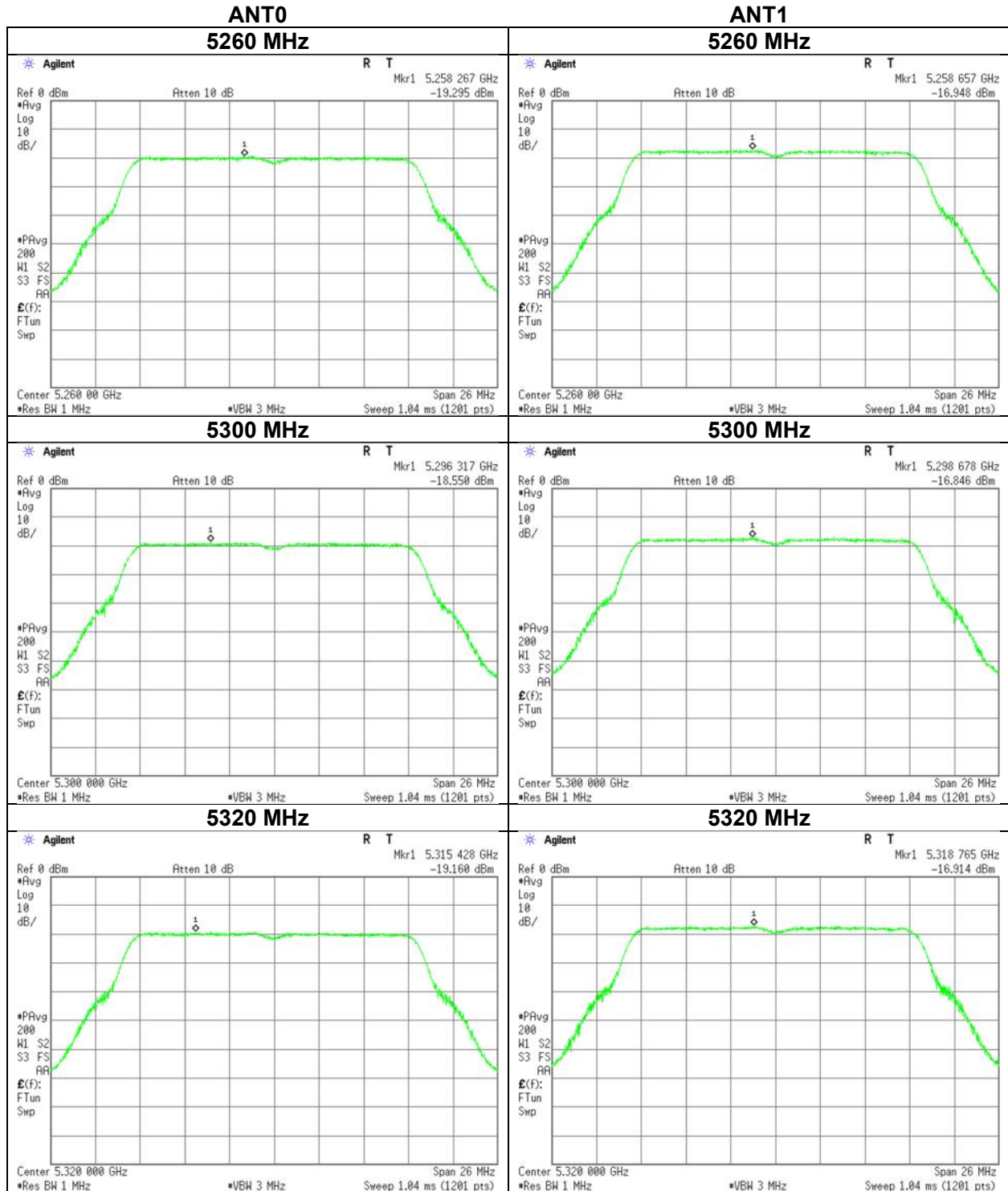
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023
Temperature / Humidity 25 deg. C / 52 % RH
Engineer Shiro Kobayashi
Mode Tx 11a



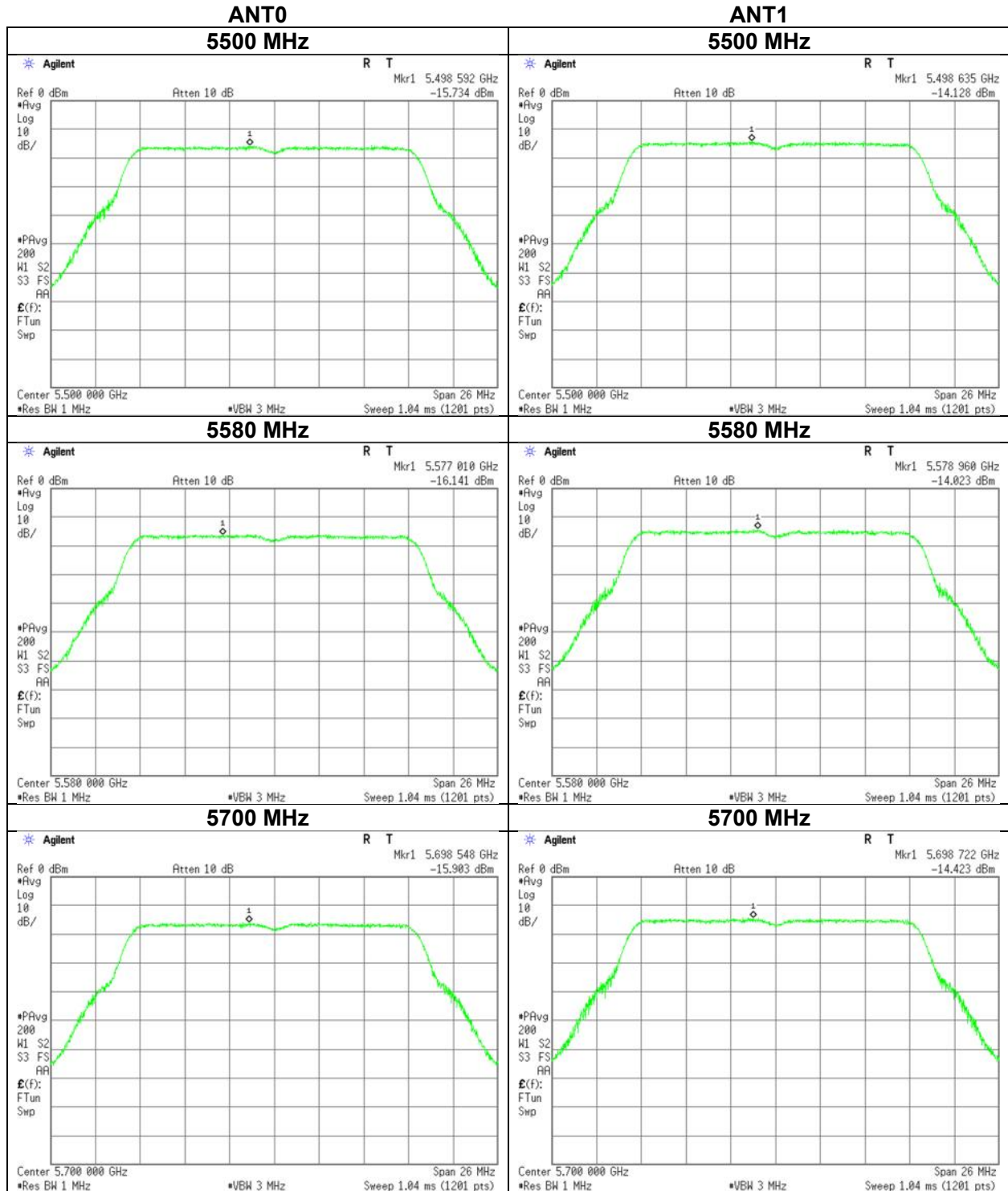
Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	November 23, 2023
Temperature / Humidity	25 deg. C / 53 % RH
Engineer	Shiro Kobayashi
Mode	Tx 11a



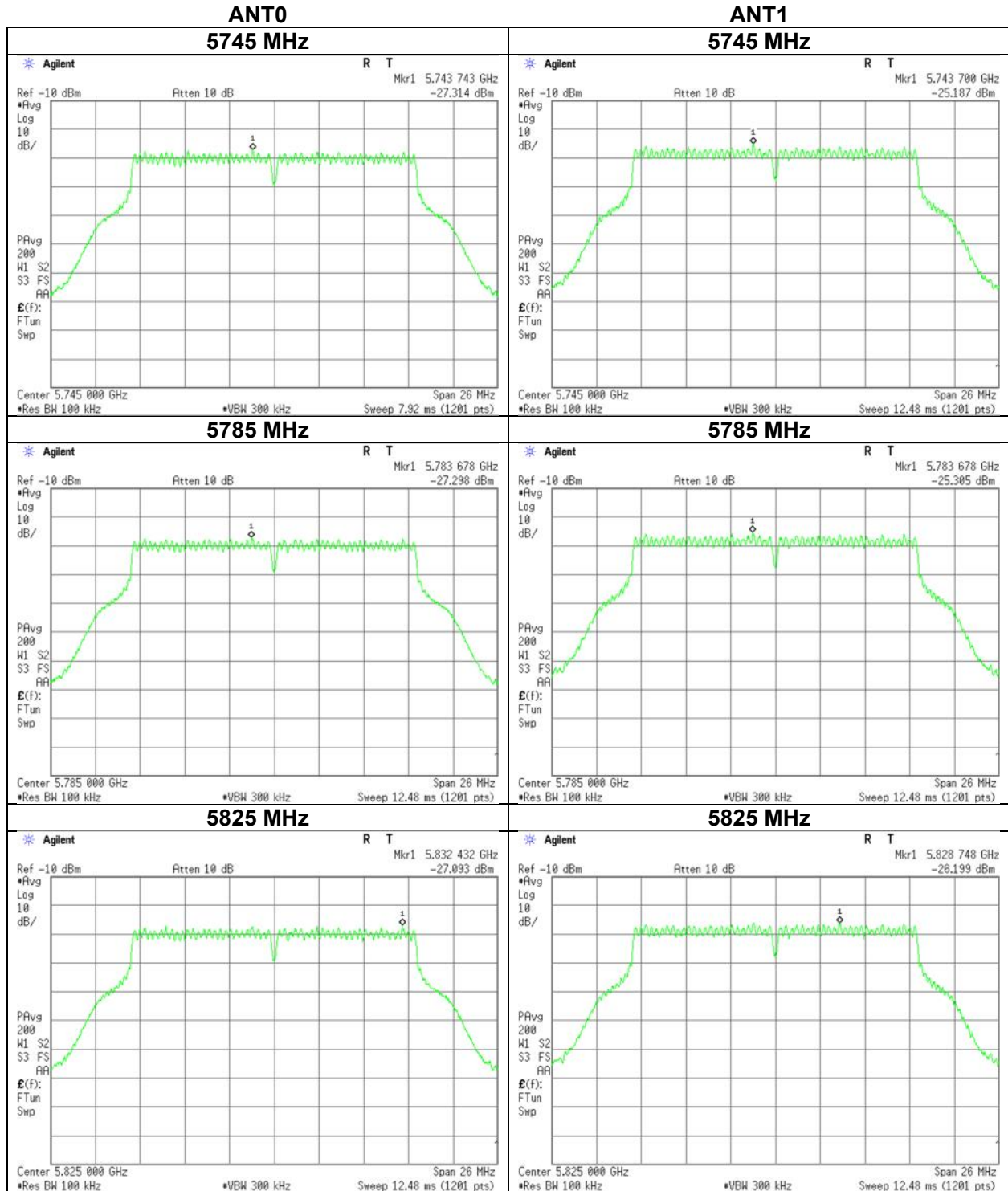
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date November 23, 2023
Temperature / Humidity 25 deg. C / 53 % RH
Engineer Shiro Kobayashi
Mode Tx 11a



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023
Temperature / Humidity 25 deg. C / 52 % RH
Engineer Shiro Kobayashi
Mode Tx 11a



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023 November 23, 2023
Temperature / Humidity 25 deg. C / 52 % RH 25 deg. C / 53 % RH
Engineer Shiro Kobayashi Shiro Kobayashi
Mode Tx 11n-20

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						PSD (e.i.r.p.)					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]			
5180	0.32	0.44	0.76	-1.18	8.84	10.02	2.12	2.87	4.99	6.98	17.00	10.02
5220	0.31	0.47	0.78	-1.06	8.84	9.90	2.04	3.09	5.13	7.10	17.00	9.90
5240	0.30	0.47	0.77	-1.15	8.84	9.99	1.96	3.06	5.03	7.01	17.00	9.99
5260	0.24	0.38	0.63	-2.04	8.84	10.88	1.60	2.50	4.10	6.12	17.00	10.88
5300	0.28	0.38	0.66	-1.80	8.84	10.64	1.85	2.47	4.32	6.36	17.00	10.64
5320	0.26	0.38	0.64	-1.96	8.84	10.80	1.70	2.47	4.17	6.20	17.00	10.80
5500	0.55	0.75	1.30	1.13	10.45	9.32	2.48	3.38	5.86	7.68	17.00	9.32
5580	0.52	0.76	1.28	1.07	10.45	9.38	2.36	3.43	5.79	7.62	17.00	9.38
5700	0.51	0.76	1.27	1.02	10.45	9.43	2.29	3.42	5.72	7.57	17.00	9.43
5745	0.15	0.23	0.38	-4.21	29.93	34.14	0.62	0.92	1.54	1.86	36.00	34.14
5785	0.15	0.23	0.39	-4.13	29.93	34.06	0.62	0.95	1.56	1.94	36.00	34.06
5825	0.16	0.24	0.39	-4.05	29.93	33.98	0.63	0.96	1.59	2.02	36.00	33.98

Tested Frequency [MHz]	Duty Factor [dB]	RBW Correction Factor [dB]	ANT0						ANT1					
			PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	
			[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	e.i.r.p.	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	e.i.r.p.
5180	0.07	0.00	-17.99	3.04	9.98	8.16	-4.90	3.26	-16.80	3.06	10.09	8.16	-3.58	4.58
5220	0.07	0.00	-18.16	3.05	9.98	8.16	-5.06	3.11	-16.50	3.07	10.09	8.16	-3.27	4.89
5240	0.07	0.00	-18.34	3.06	9.98	8.16	-5.23	2.93	-16.54	3.08	10.09	8.16	-3.30	4.86
5260	0.07	0.00	-19.23	3.06	9.98	8.16	-6.12	2.04	-17.43	3.08	10.09	8.16	-4.19	3.97
5300	0.07	0.00	-18.60	3.07	9.98	8.16	-5.48	2.68	-17.49	3.09	10.09	8.16	-4.24	3.93
5320	0.07	0.00	-18.98	3.08	9.98	8.16	-5.85	2.31	-17.50	3.10	10.09	8.16	-4.24	3.92
5500	0.07	0.00	-15.80	3.14	9.98	6.55	-2.61	3.94	-14.58	3.16	10.09	6.55	-1.26	5.29
5580	0.07	0.00	-16.03	3.16	9.98	6.55	-2.82	3.73	-14.54	3.18	10.09	6.55	-1.20	5.35
5700	0.07	0.00	-16.19	3.19	9.98	6.55	-2.95	3.60	-14.58	3.21	10.09	6.55	-1.21	5.35
5745	0.07	6.99	-28.40	3.20	9.98	6.07	-8.16	-2.09	-26.82	3.22	10.09	6.07	-6.45	-0.38
5785	0.07	6.99	-28.42	3.21	9.98	6.07	-8.17	-2.10	-26.69	3.23	10.10	6.07	-6.30	-0.23
5825	0.07	6.99	-28.32	3.23	9.98	6.07	-8.05	-1.98	-26.67	3.25	10.10	6.07	-6.26	-0.19

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log (\text{Specified bandwidth} / \text{Measured bandwidth})$

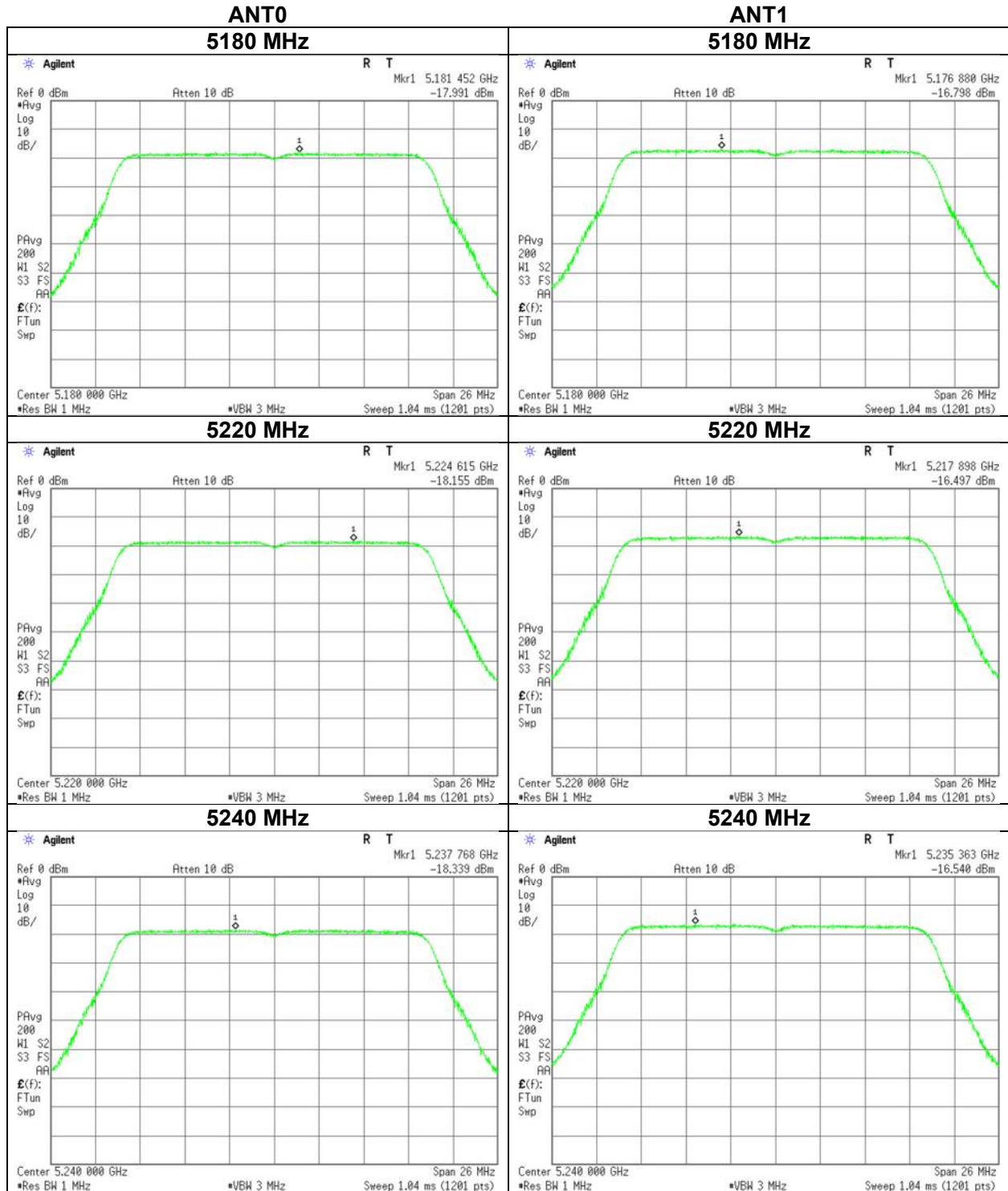
PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

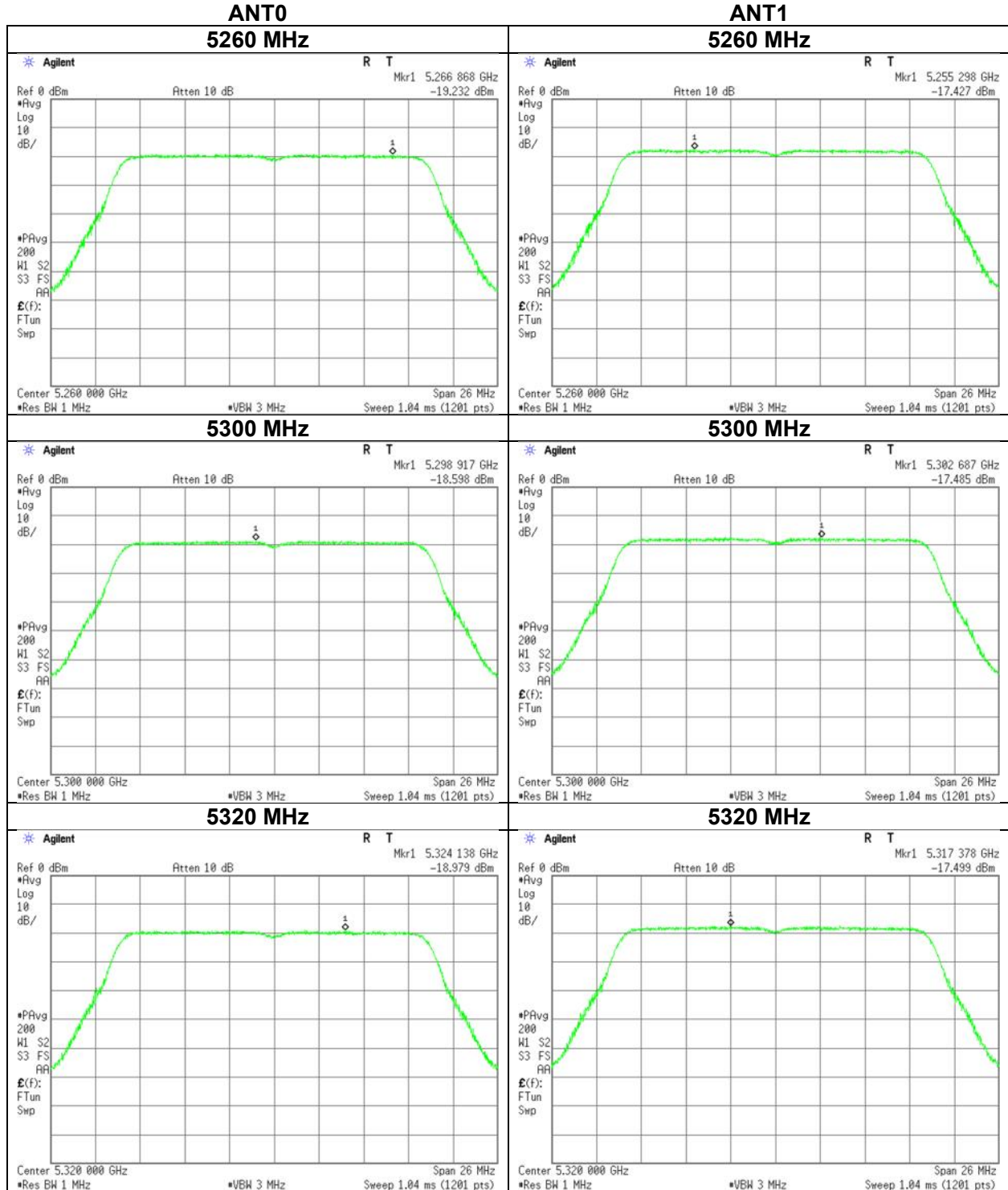
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023
Temperature / Humidity 25 deg. C / 52 % RH
Engineer Shiro Kobayashi
Mode Tx 11n-20



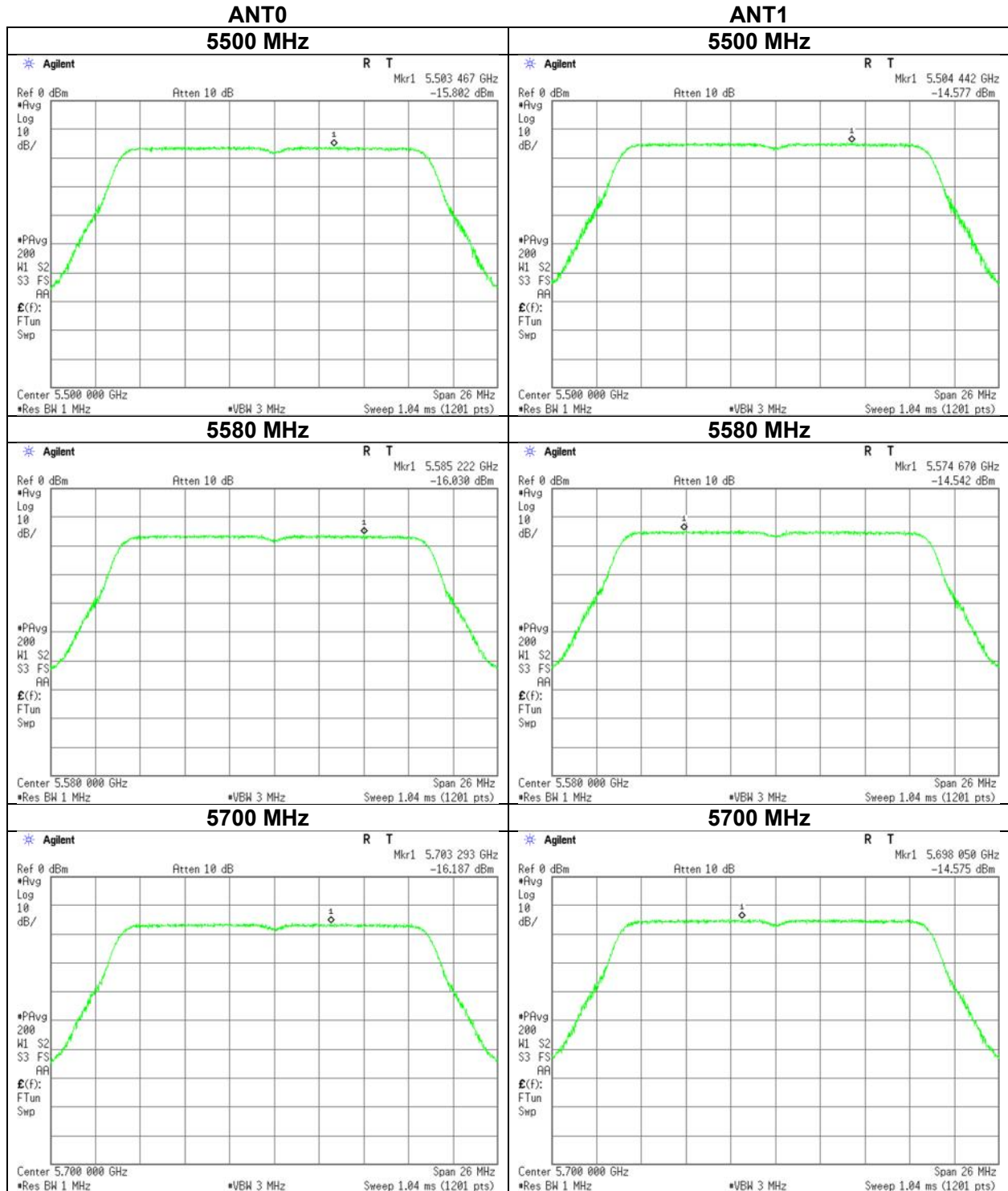
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date November 23, 2023
Temperature / Humidity 25 deg. C / 53 % RH
Engineer Shiro Kobayashi
Mode Tx 11n-20



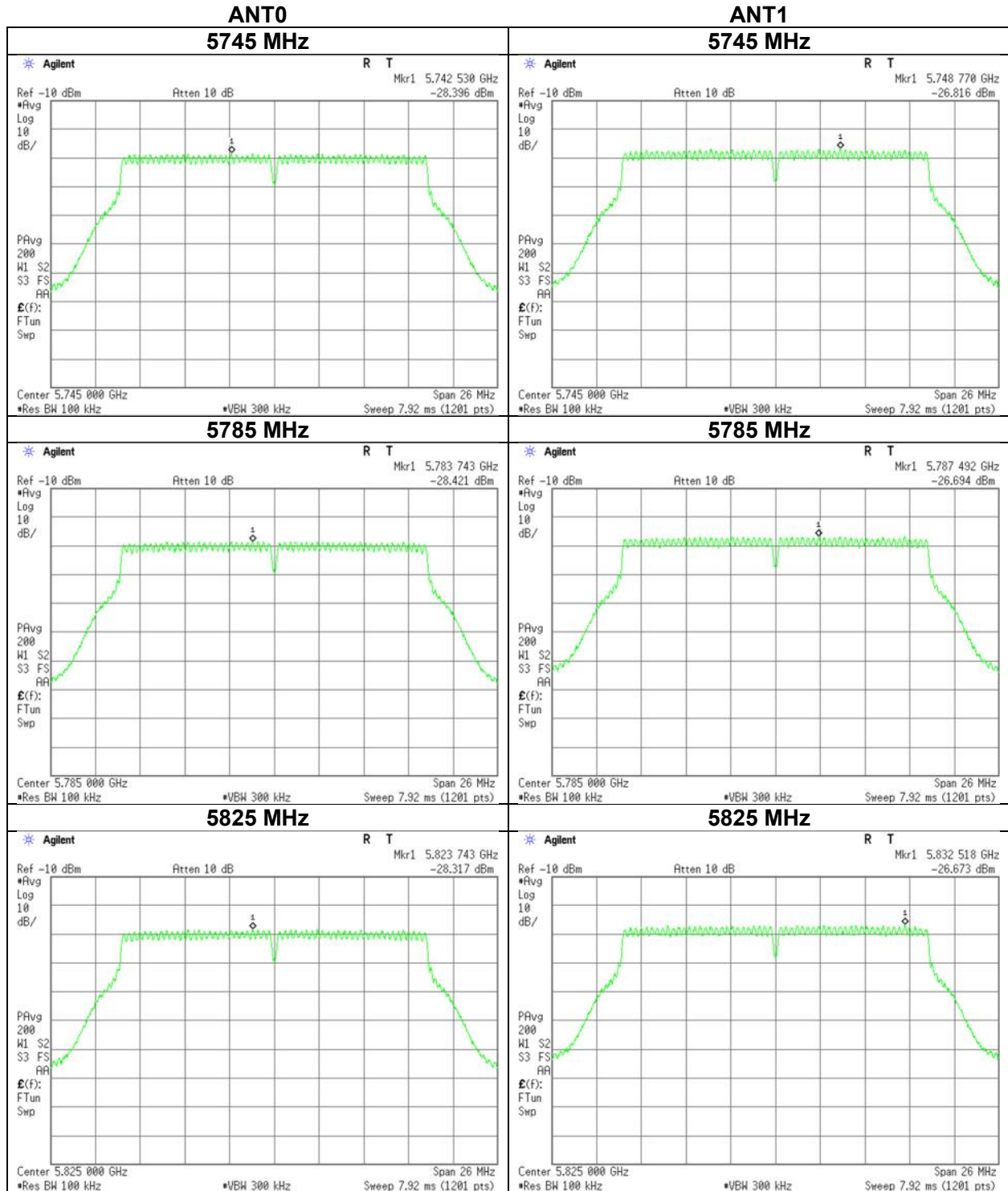
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date November 23, 2023
Temperature / Humidity 25 deg. C / 53 % RH
Engineer Shiro Kobayashi
Mode Tx 11n-20



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023
Temperature / Humidity 25 deg. C / 52 % RH
Engineer Shiro Kobayashi
Mode Tx 11n-20



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023 November 23, 2023
Temperature / Humidity 25 deg. C / 52 % RH 25 deg. C / 53 % RH
Engineer Shiro Kobayashi Shiro Kobayashi
Mode Tx 11ac-20

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						PSD (e.i.r.p.)					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]			
5180	0.32	0.46	0.77	-1.13	8.84	9.97	2.07	2.98	5.05	7.03	17.00	9.97
5220	0.30	0.47	0.77	-1.11	8.84	9.95	1.96	3.11	5.07	7.05	17.00	9.95
5240	0.31	0.48	0.79	-1.03	8.84	9.87	2.03	3.14	5.16	7.13	17.00	9.87
5260	0.25	0.38	0.63	-1.99	8.84	10.83	1.63	2.50	4.14	6.17	17.00	10.83
5300	0.28	0.37	0.65	-1.87	8.84	10.71	1.82	2.43	4.26	6.29	17.00	10.71
5320	0.25	0.37	0.61	-2.12	8.84	10.96	1.61	2.41	4.02	6.04	17.00	10.96
5500	0.57	0.79	1.36	1.33	10.45	9.12	2.57	3.56	6.13	7.88	17.00	9.12
5580	0.51	0.73	1.24	0.94	10.45	9.51	2.29	3.32	5.61	7.49	17.00	9.51
5700	0.51	0.74	1.25	0.97	10.45	9.48	2.28	3.37	5.65	7.52	17.00	9.48
5745	0.13	0.19	0.32	-5.00	29.93	34.93	0.52	0.76	1.28	1.07	36.00	34.93
5785	0.15	0.23	0.39	-4.14	29.93	34.07	0.62	0.94	1.56	1.93	36.00	34.07
5825	0.16	0.22	0.38	-4.16	29.93	34.09	0.67	0.89	1.55	1.91	36.00	34.09

Tested Frequency [MHz]	ANT0							ANT1						
	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	Cond.	e.i.r.p.	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result
	[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]			[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]
5180	0.07	0.00	-18.10	3.04	9.98	8.16	-5.01	3.15	-16.64	3.06	10.09	8.16	-3.42	4.75
5220	0.07	0.00	-18.33	3.05	9.98	8.16	-5.23	2.93	-16.47	3.07	10.09	8.16	-3.24	4.92
5240	0.07	0.00	-18.21	3.06	9.98	8.16	-5.10	3.07	-16.43	3.08	10.09	8.16	-3.19	4.97
5260	0.07	0.00	-19.14	3.06	9.98	8.16	-6.03	2.13	-17.41	3.08	10.09	8.16	-4.17	3.99
5300	0.07	0.00	-18.67	3.07	9.98	8.16	-5.55	2.61	-17.55	3.09	10.09	8.16	-4.30	3.86
5320	0.07	0.00	-19.23	3.08	9.98	8.16	-6.10	2.06	-17.60	3.10	10.09	8.16	-4.34	3.83
5500	0.07	0.00	-15.63	3.14	9.98	6.55	-2.44	4.11	-14.36	3.16	10.09	6.55	-1.04	5.51
5580	0.07	0.00	-16.16	3.16	9.98	6.55	-2.95	3.60	-14.68	3.18	10.09	6.55	-1.34	5.21
5700	0.07	0.00	-16.21	3.19	9.98	6.55	-2.97	3.59	-14.65	3.21	10.09	6.55	-1.28	5.27
5745	0.07	6.99	-29.16	3.20	9.98	6.07	-8.92	-2.85	-27.63	3.22	10.09	6.07	-7.26	-1.19
5785	0.07	6.99	-28.37	3.21	9.98	6.07	-8.12	-2.05	-26.74	3.23	10.10	6.07	-6.35	-0.28
5825	0.07	6.99	-28.10	3.23	9.98	6.07	-7.83	-1.76	-27.00	3.25	10.10	6.07	-6.59	-0.52

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

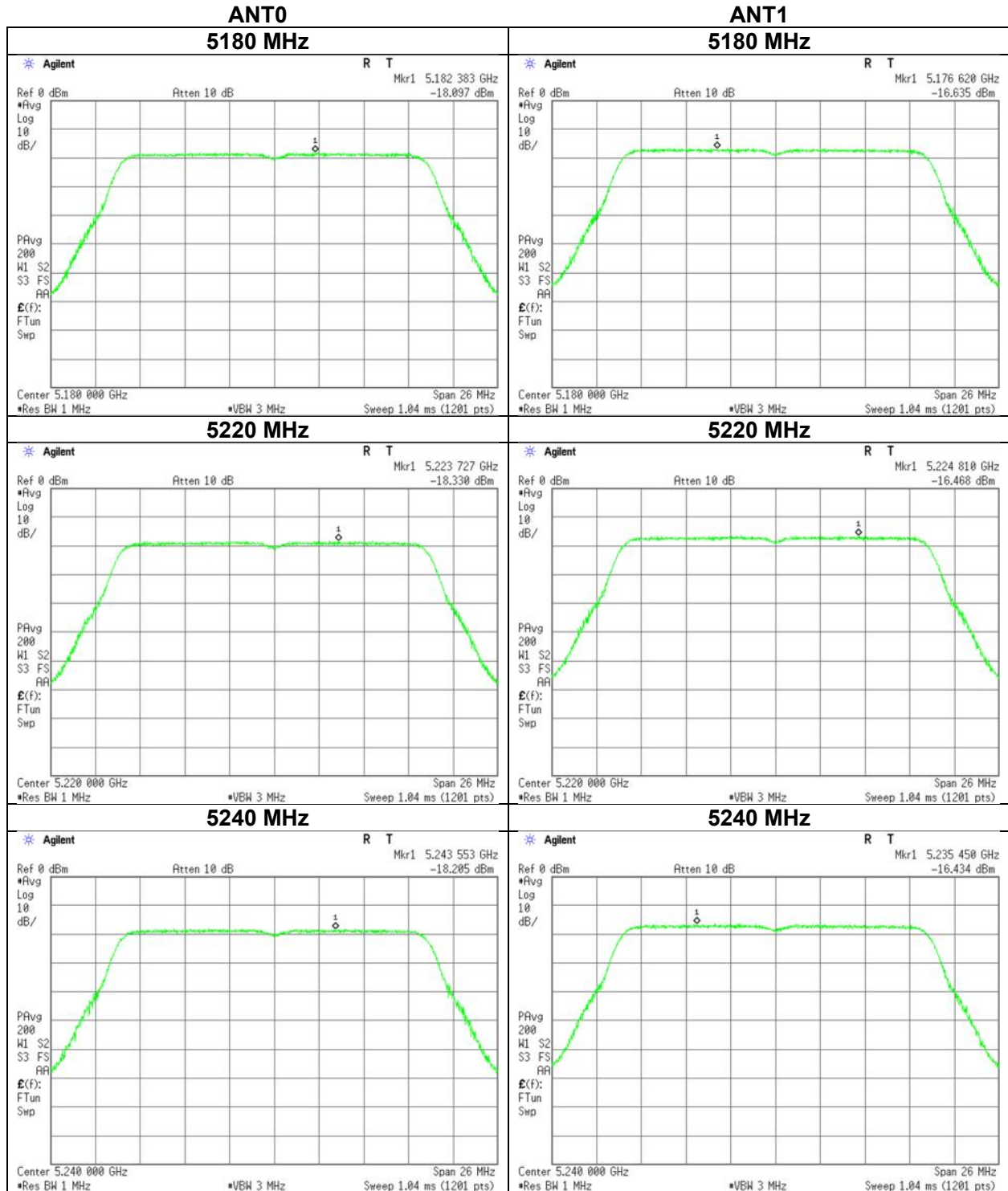
PSD Result (Conducted) = Reading + Cable Loss (including the cable(s) customer supplied) + Atten. Loss + Duty Factor + RBW Correction Factor

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)

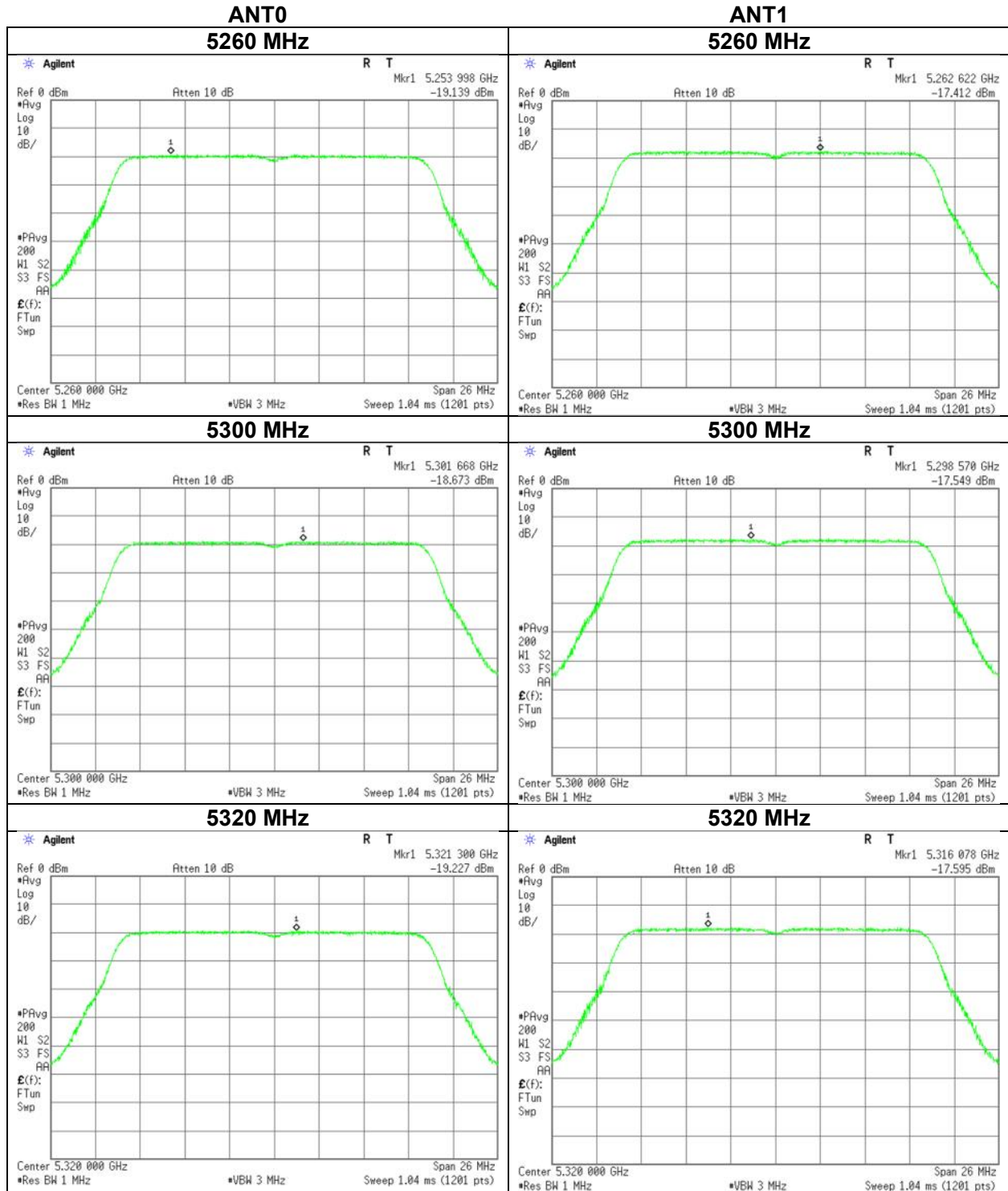
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023
Temperature / Humidity 25 deg. C / 52 % RH
Engineer Shiro Kobayashi
Mode Tx 11ac-20



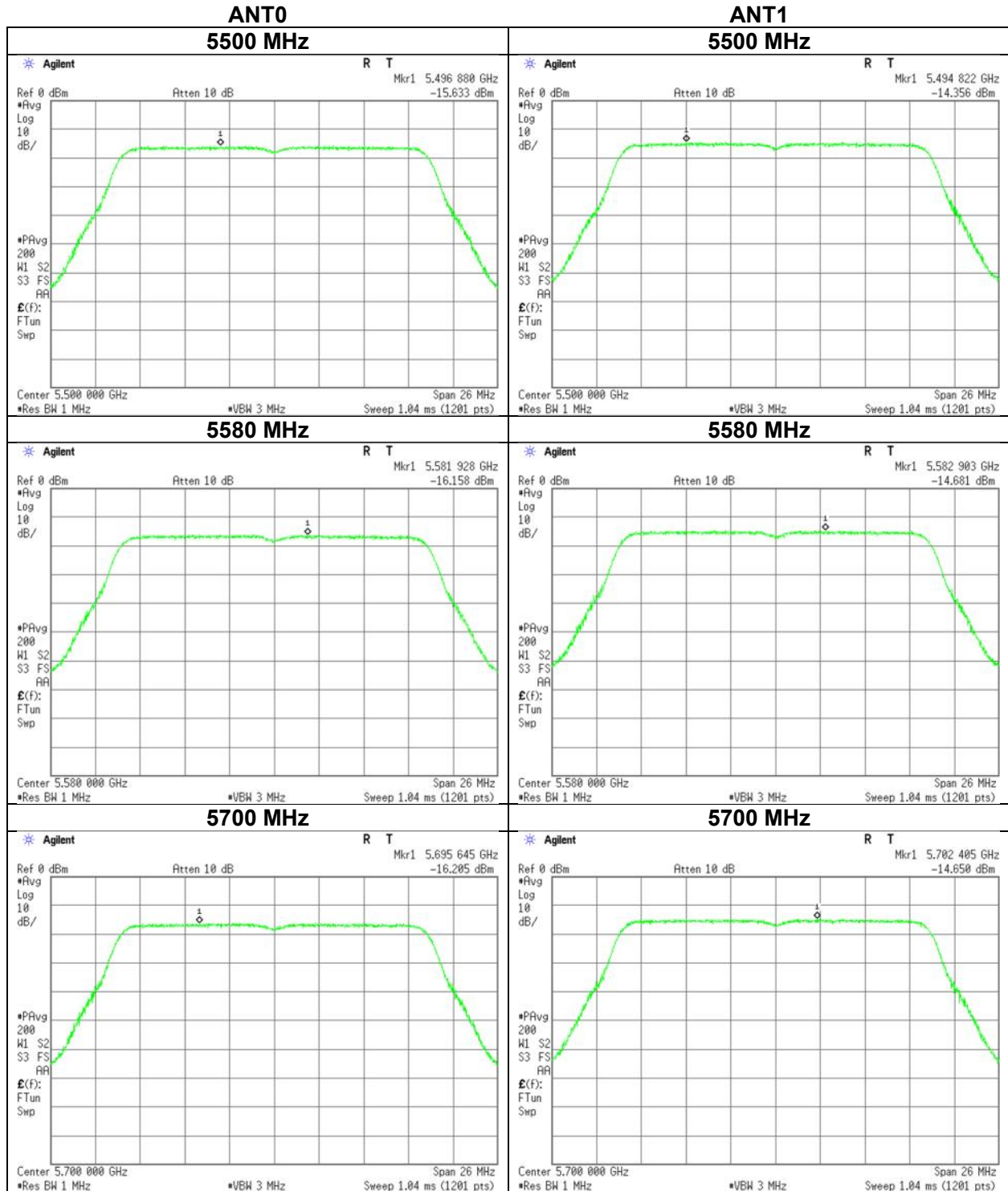
Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date November 23, 2023
Temperature / Humidity 25 deg. C / 53 % RH
Engineer Shiro Kobayashi
Mode Tx 11ac-20



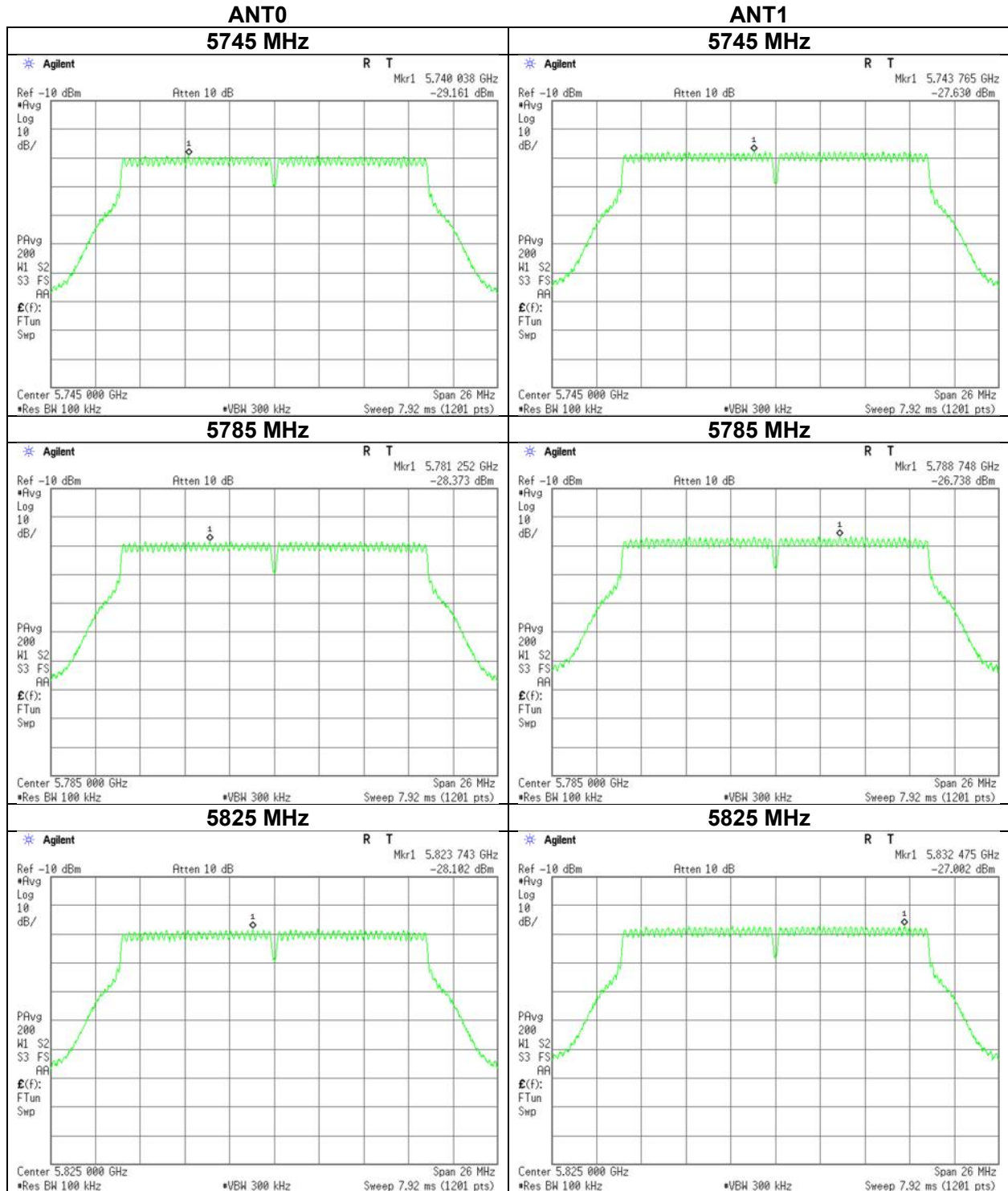
Maximum Power Spectral Density

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	November 23, 2023
Temperature / Humidity	25 deg. C / 53 % RH
Engineer	Shiro Kobayashi
Mode	Tx 11ac-20



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023
Temperature / Humidity 25 deg. C / 52 % RH
Engineer Shiro Kobayashi
Mode Tx 11ac-20



Maximum Power Spectral Density

Test place Shonan EMC Lab. No.5 Shielded Room
Date June 11, 2023 November 23, 2023
Temperature / Humidity 25 deg. C / 52 % RH 25 deg. C / 53 % RH
Engineer Shiro Kobayashi Shiro Kobayashi
Mode Tx 11ax-20 (OFDM)

ANT0 + ANT1

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	PSD (Conducted)						PSD (e.i.r.p.)					
	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin
	ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]				ANT0 [mW/MHz]	ANT1 [mW/MHz]	Sum [mW/MHz]			
5180	0.33	0.47	0.80	-0.99	8.84	9.83	2.15	3.06	5.21	7.17	17.00	9.83
5220	0.34	0.47	0.81	-0.93	8.84	9.77	2.21	3.08	5.29	7.23	17.00	9.77
5240	0.33	0.47	0.80	-0.99	8.84	9.83	2.14	3.07	5.21	7.17	17.00	9.83
5260	0.25	0.39	0.64	-1.92	8.84	10.76	1.64	2.57	4.21	6.24	17.00	10.76
5300	0.28	0.38	0.66	-1.79	8.84	10.63	1.83	2.51	4.34	6.37	17.00	10.63
5320	0.26	0.36	0.62	-2.05	8.84	10.89	1.71	2.37	4.08	6.11	17.00	10.89
5500	0.55	0.80	1.34	1.28	10.45	9.17	2.47	3.59	6.07	7.83	17.00	9.17
5580	0.53	0.75	1.28	1.06	10.45	9.39	2.39	3.37	5.77	7.61	17.00	9.39
5700	0.55	0.73	1.28	1.07	10.45	9.38	2.49	3.29	5.78	7.62	17.00	9.38
5745	0.13	0.19	0.31	-5.06	29.93	34.99	0.51	0.75	1.26	1.01	36.00	34.99
5785	0.13	0.20	0.33	-4.78	29.93	34.71	0.54	0.81	1.35	1.29	36.00	34.71
5825	0.14	0.18	0.32	-4.96	29.93	34.89	0.56	0.73	1.29	1.11	36.00	34.89

			ANT0						ANT1					
Tested Frequency	Duty Factor	RBW Correction Factor	PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result		PSD Reading	Cable Loss	Atten. Loss	Antenna Gain	PSD Result	
							Cond.	e.i.r.p.					Cond.	e.i.r.p.
[MHz]	[dB]	[dB]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]	[dBm/MHz]	[dB]	[dB]	[dBi]	[dBm/MHz]	[dBm/MHz]
5180	0.07	0.00	-17.92	3.04	9.98	8.16	-4.83	3.33	-16.53	3.06	10.09	8.16	-3.31	4.85
5220	0.07	0.00	-17.82	3.05	9.98	8.16	-4.72	3.44	-16.50	3.07	10.09	8.16	-3.27	4.89
5240	0.07	0.00	-17.96	3.06	9.98	8.16	-4.85	3.31	-16.53	3.08	10.09	8.16	-3.29	4.87
5260	0.07	0.00	-19.13	3.06	9.98	8.16	-6.02	2.14	-17.30	3.08	10.09	8.16	-4.06	4.11
5300	0.07	0.00	-18.66	3.07	9.98	8.16	-5.54	2.62	-17.41	3.09	10.09	8.16	-4.16	4.00
5320	0.07	0.00	-18.95	3.08	9.98	8.16	-5.82	2.34	-17.67	3.10	10.09	8.16	-4.41	3.75
5500	0.07	0.00	-15.81	3.14	9.98	6.55	-2.62	3.93	-14.32	3.16	10.09	6.55	-1.00	5.55
5580	0.07	0.00	-15.97	3.16	9.98	6.55	-2.76	3.79	-14.61	3.18	10.09	6.55	-1.27	5.28
5700	0.07	0.00	-15.82	3.19	9.98	6.55	-2.58	3.97	-14.75	3.21	10.09	6.55	-1.38	5.17
5745	0.07	6.99	-29.24	3.20	9.98	6.07	-9.00	-2.93	-27.67	3.22	10.09	6.07	-7.30	-1.23
5785	0.07	6.99	-28.99	3.21	9.98	6.07	-8.74	-2.67	-27.39	3.23	10.10	6.07	-7.00	-0.93
5825	0.07	6.99	-28.86	3.23	9.98	6.07	-8.59	-2.52	-27.84	3.25	10.10	6.07	-7.43	-1.36

Sample Calculation:

PSD: Power Spectral Density

The PSD within 5725 MHz to 5825 MHz are based on any 500 kHz band.

RBW Correction Factor = $10 \cdot \log(\text{Specified bandwidth} / \text{Measured bandwidth})$

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

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

The conducted PSD limit was reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. (All frequencies for FCC, 5725 MHz-5850 MHz for IC)