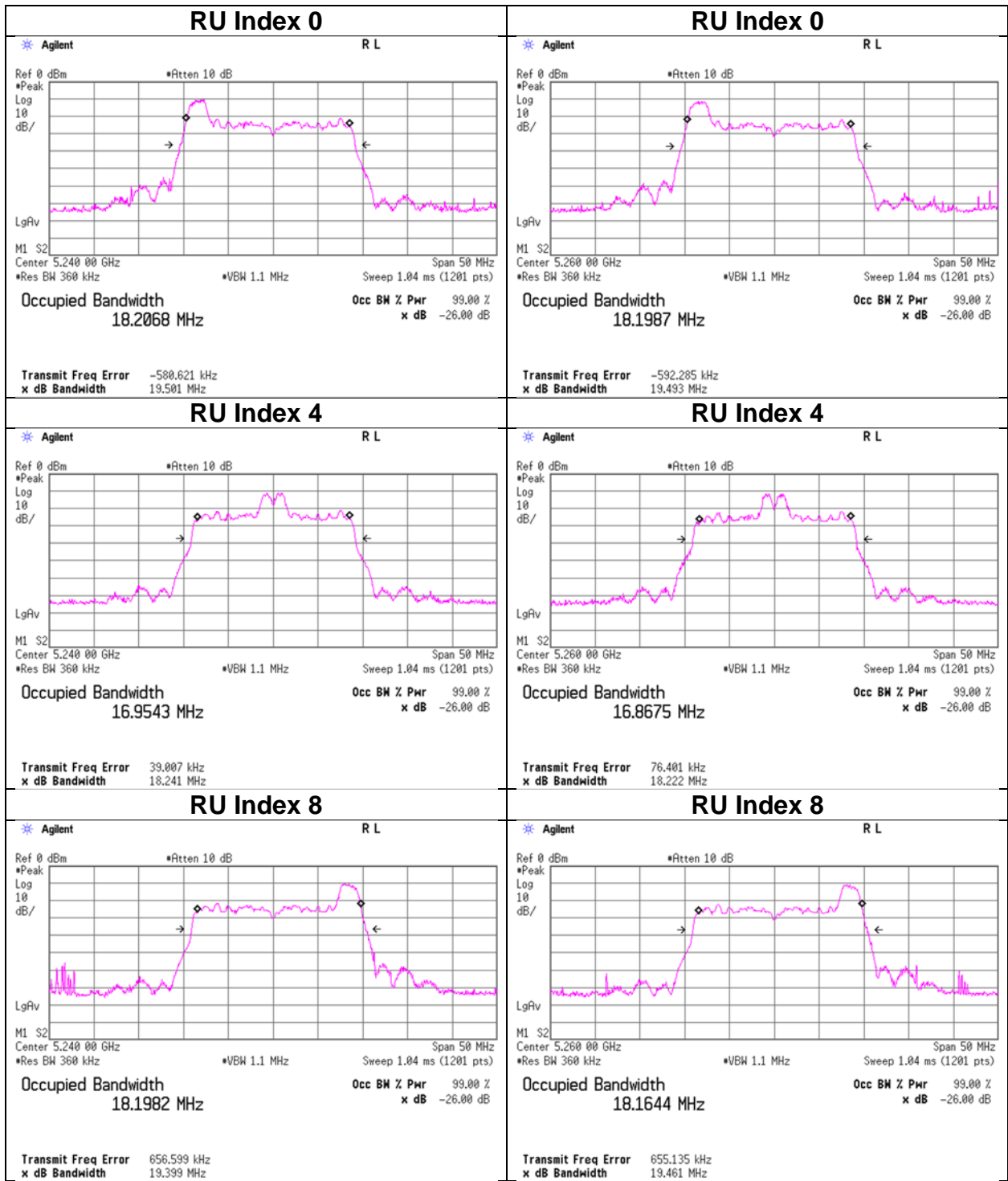


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**26-tone RU 5240 MHz**

**26-tone RU 5260 MHz**

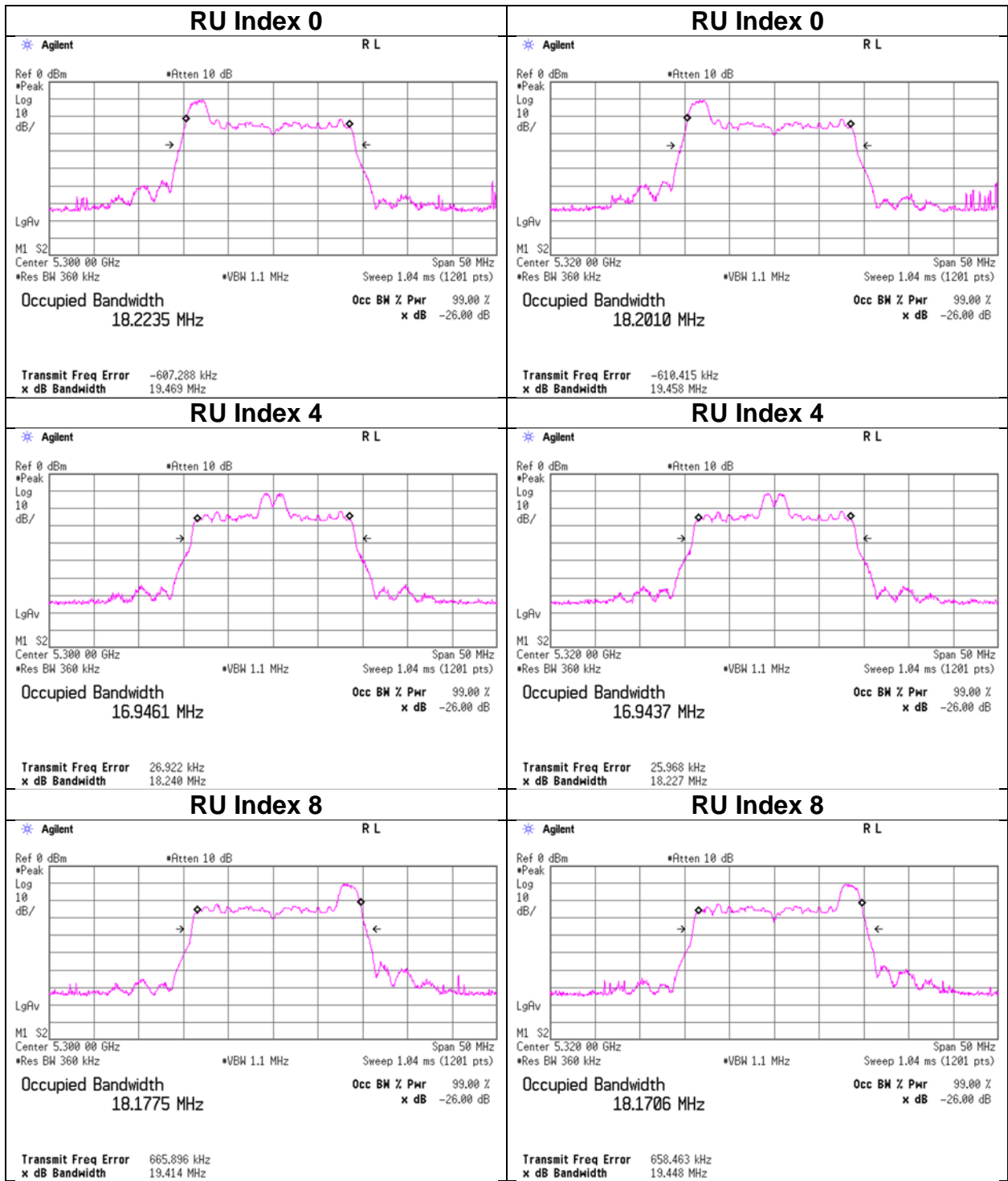


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**26-tone RU 5300 MHz**

**26-tone RU 5320 MHz**

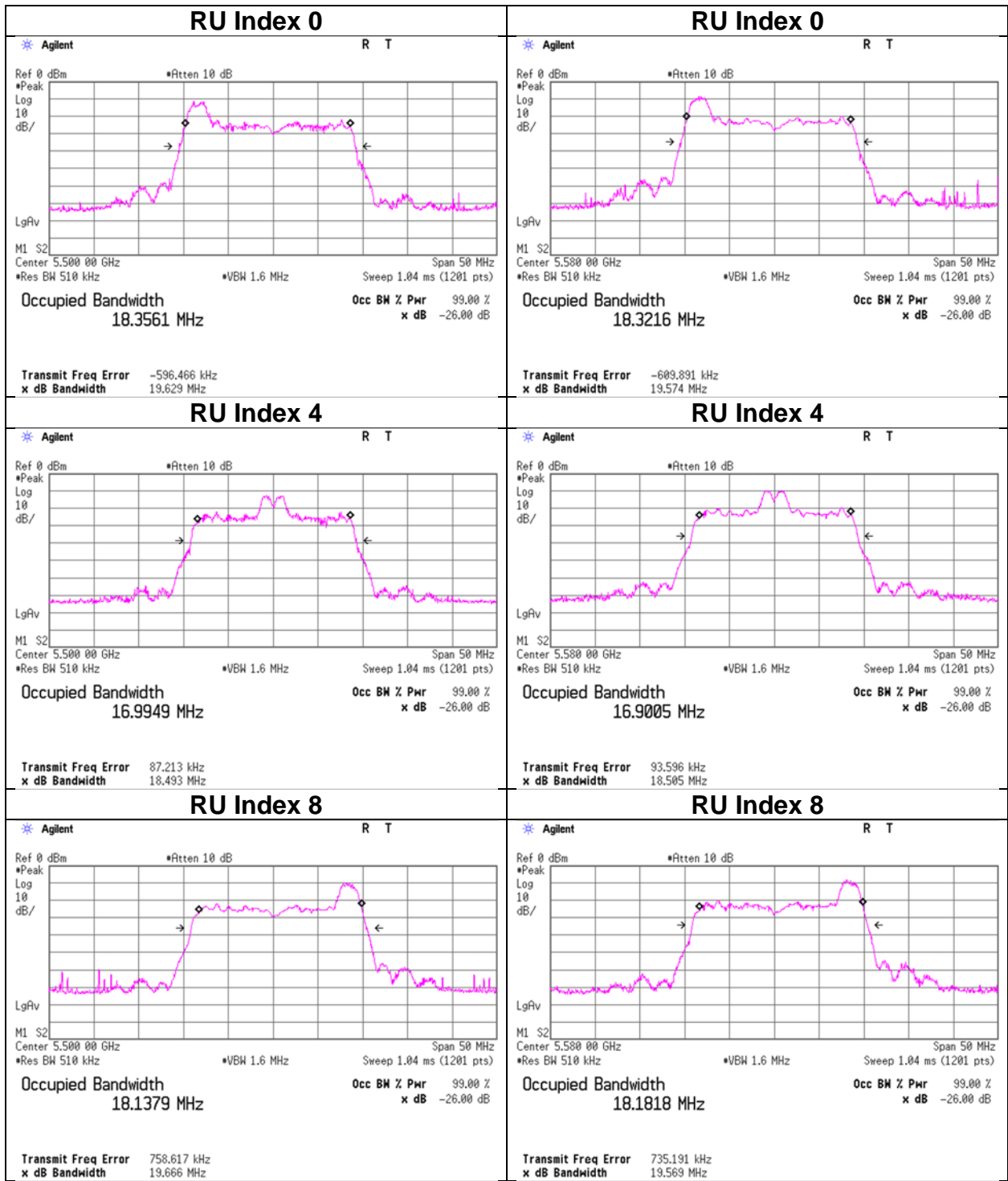


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**26-tone RU 5500 MHz**

**26-tone RU 5580 MHz**

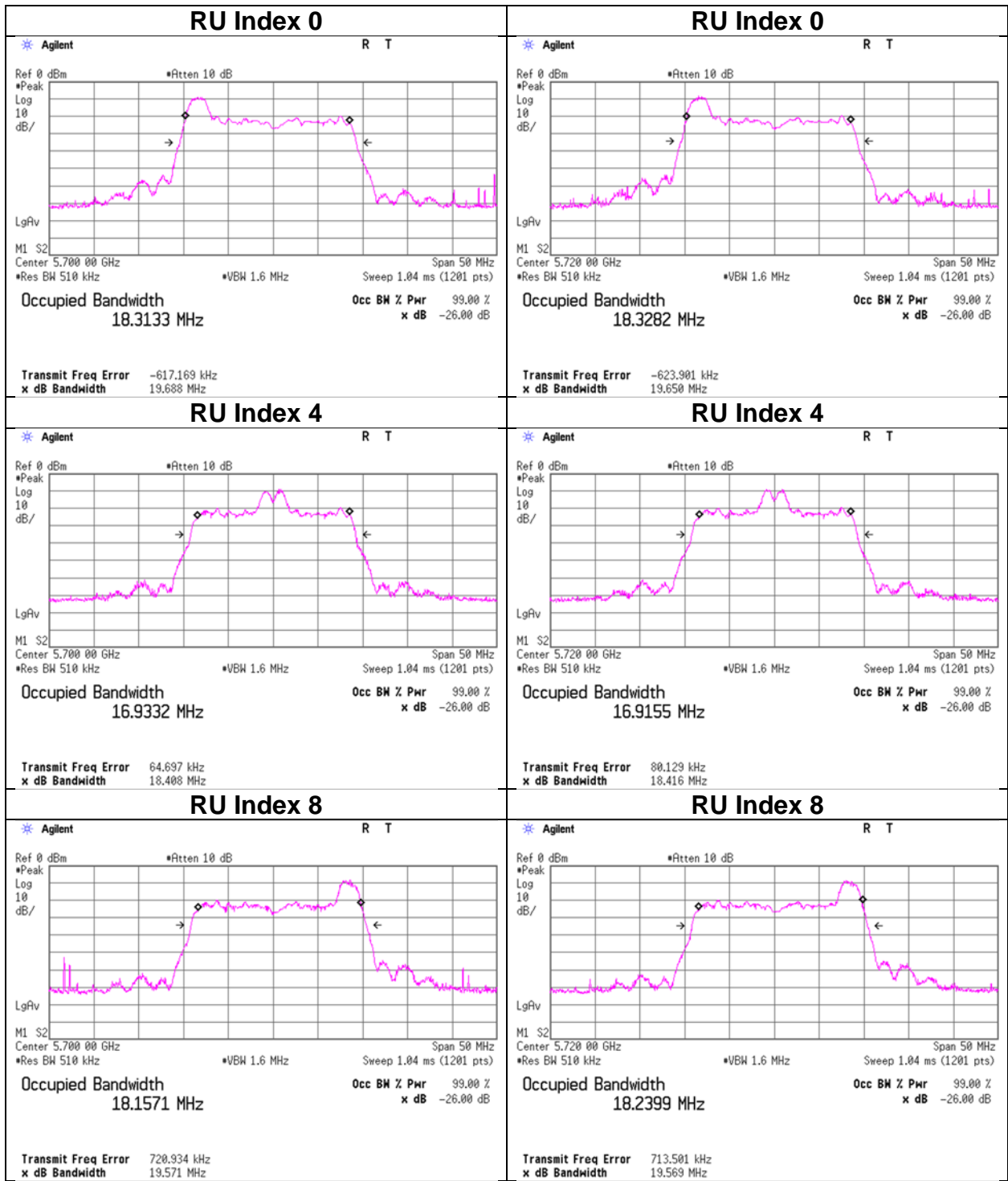


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**26-tone RU 5700 MHz**

**26-tone RU 5720 MHz**

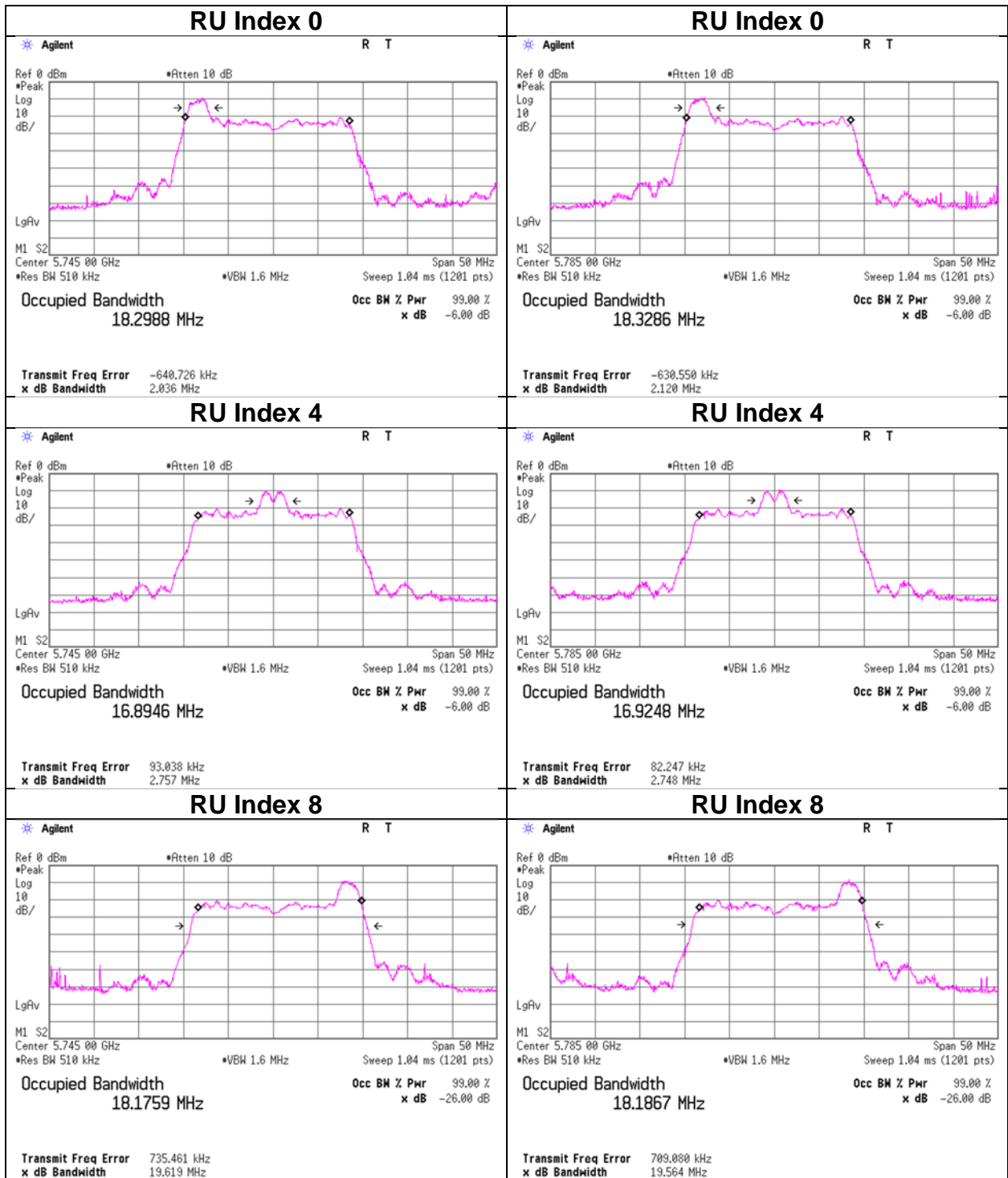


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

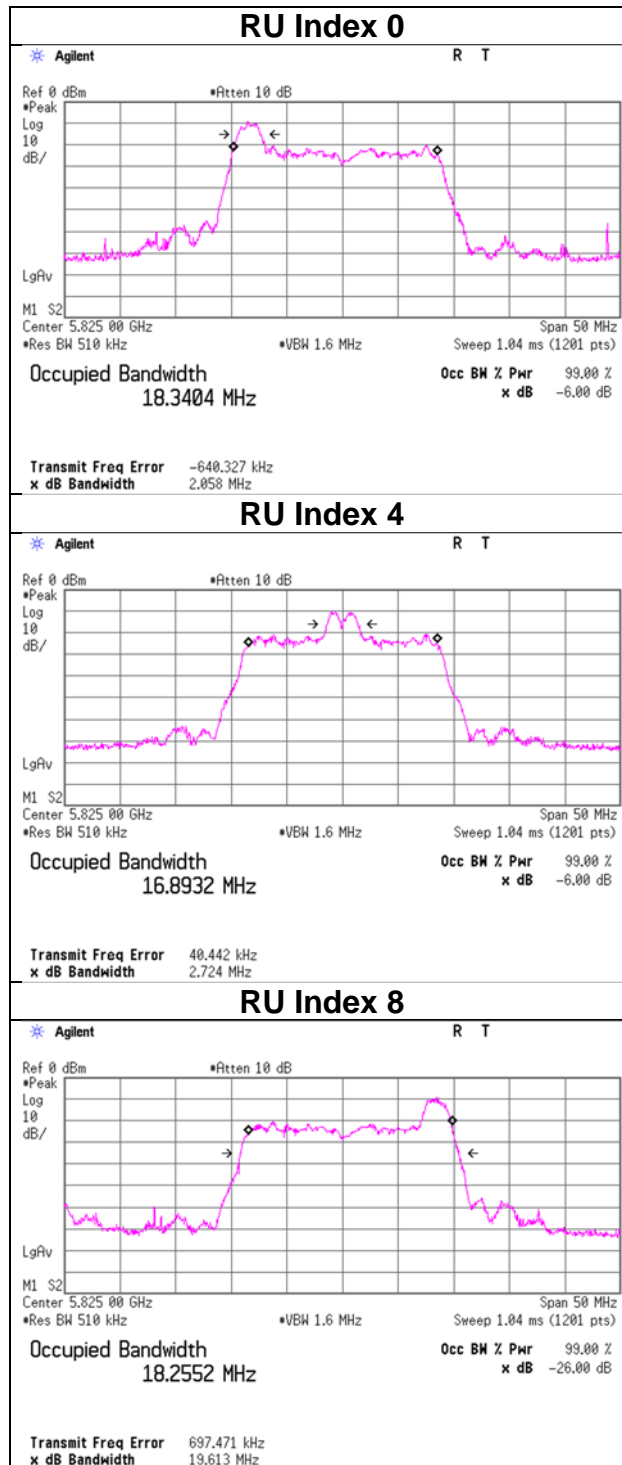
**26-tone RU 5745 MHz**

**26-tone RU 5785 MHz**



### 99 % Occupied Bandwidth

#### 11ax-20 (OFDMA) 26-tone RU 5825 MHz

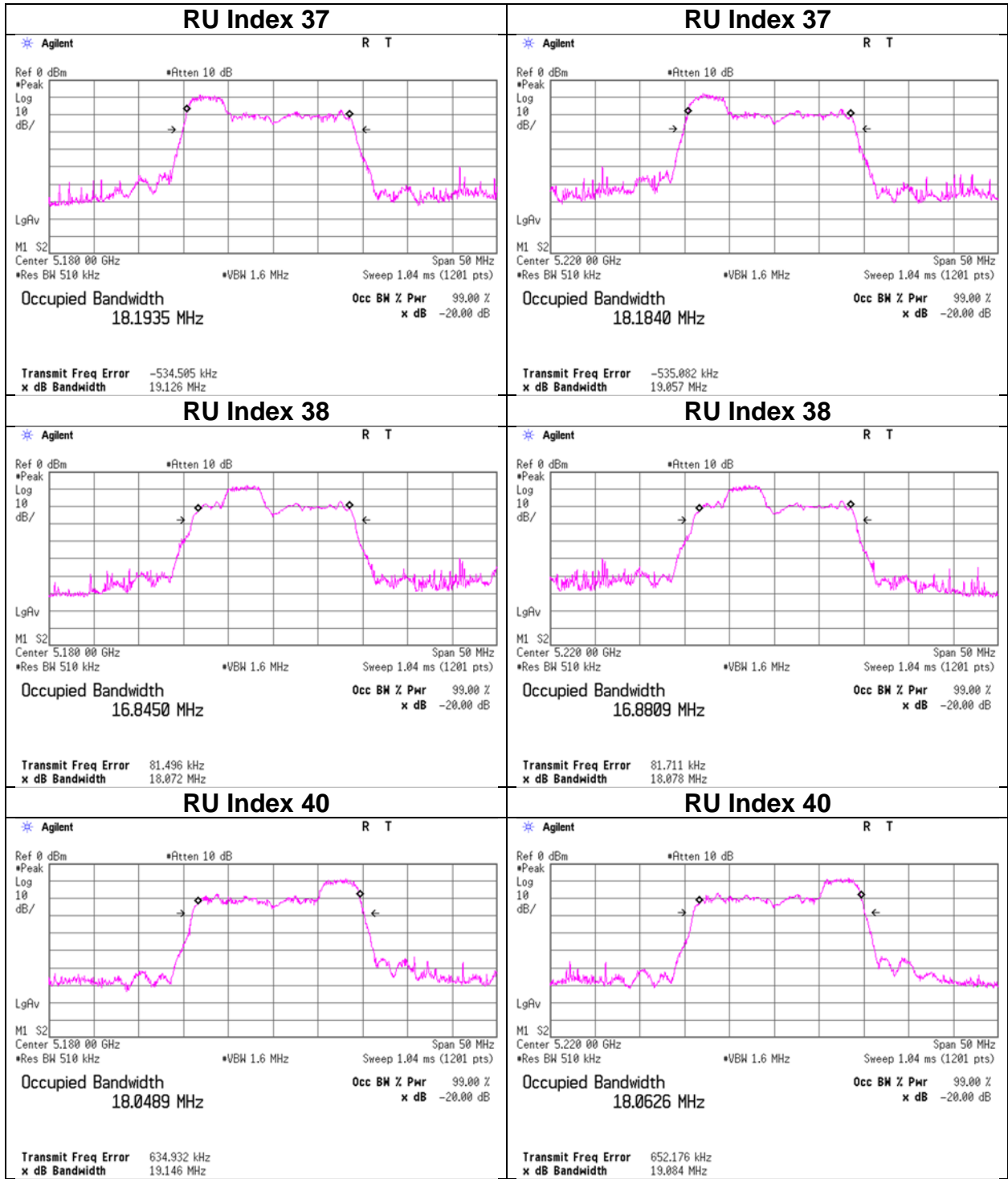


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**52-tone RU 5180 MHz**

**52-tone RU 5220 MHz**

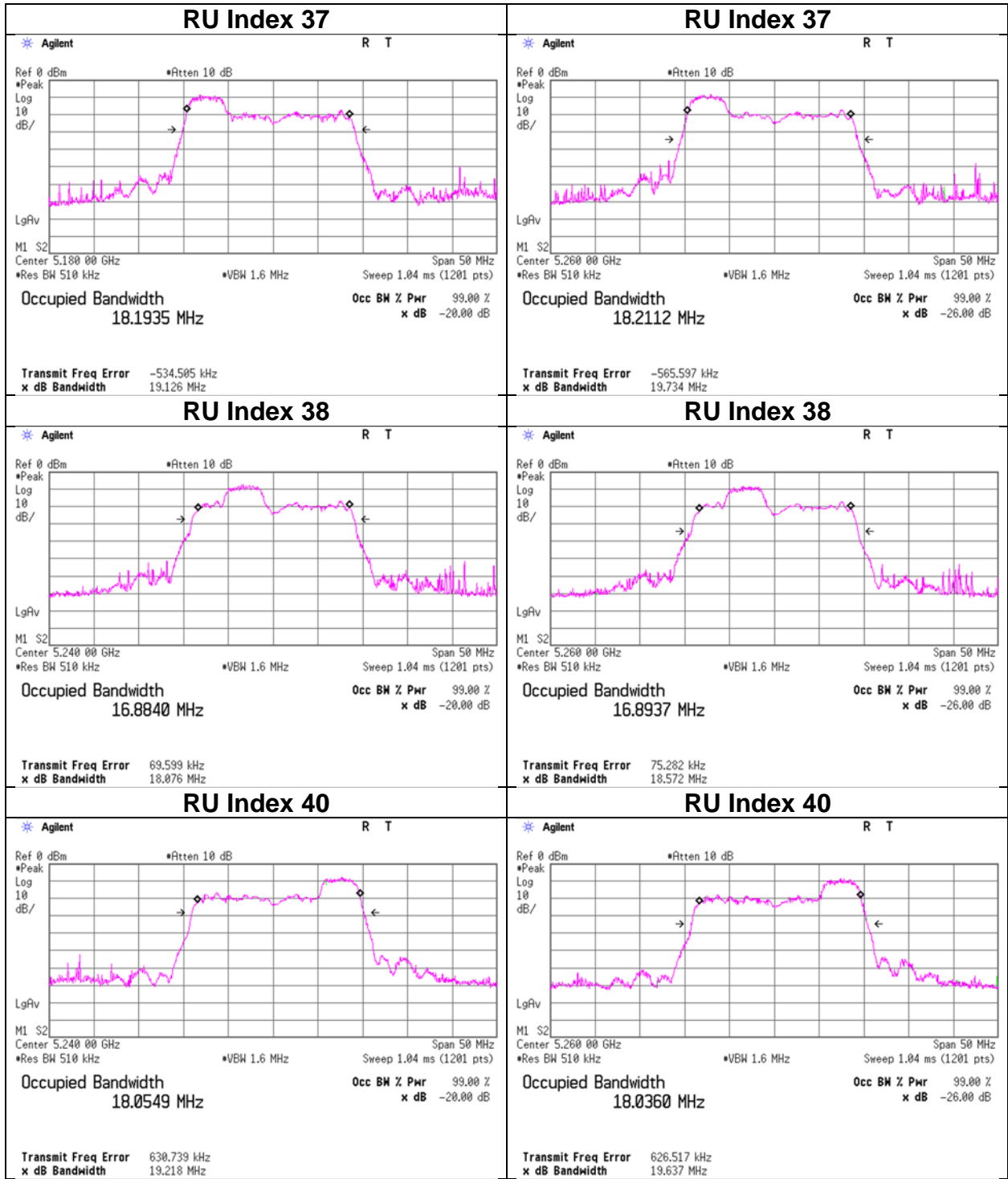


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**52-tone RU 5240 MHz**

**52-tone RU 5260 MHz**



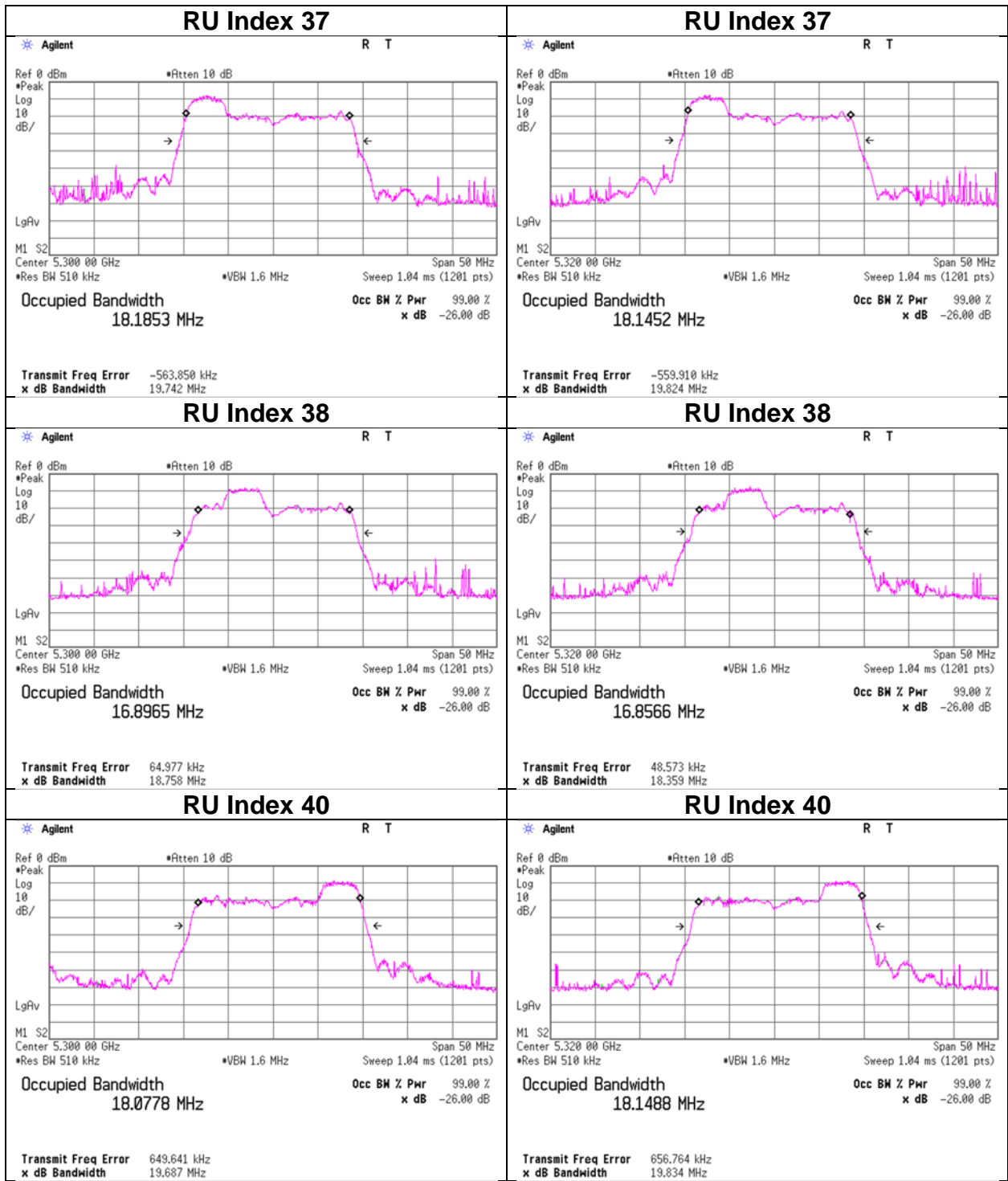


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**52-tone RU 5300 MHz**

**52-tone RU 5320 MHz**

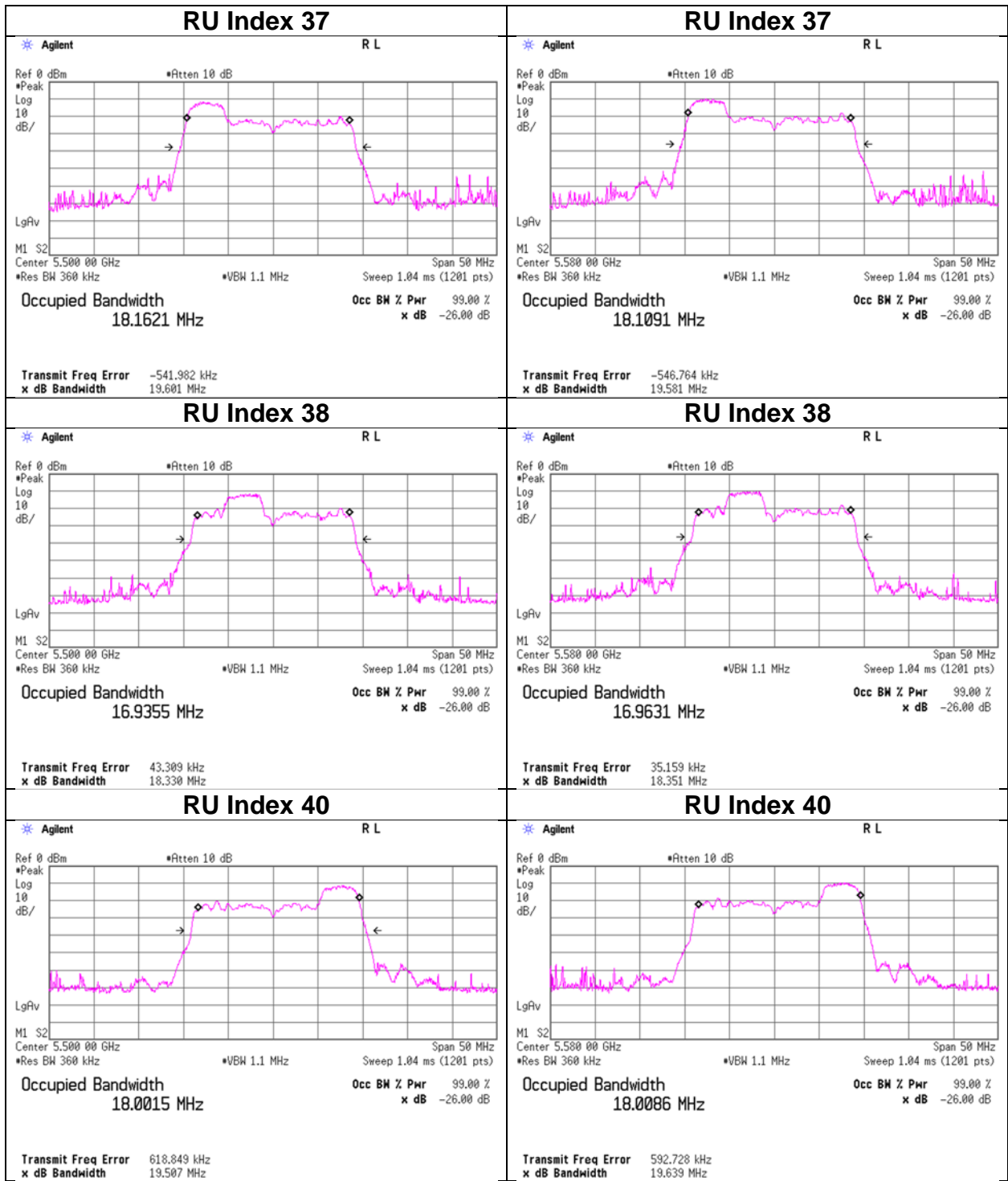


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**52-tone RU 5500 MHz**

**52-tone RU 5580 MHz**

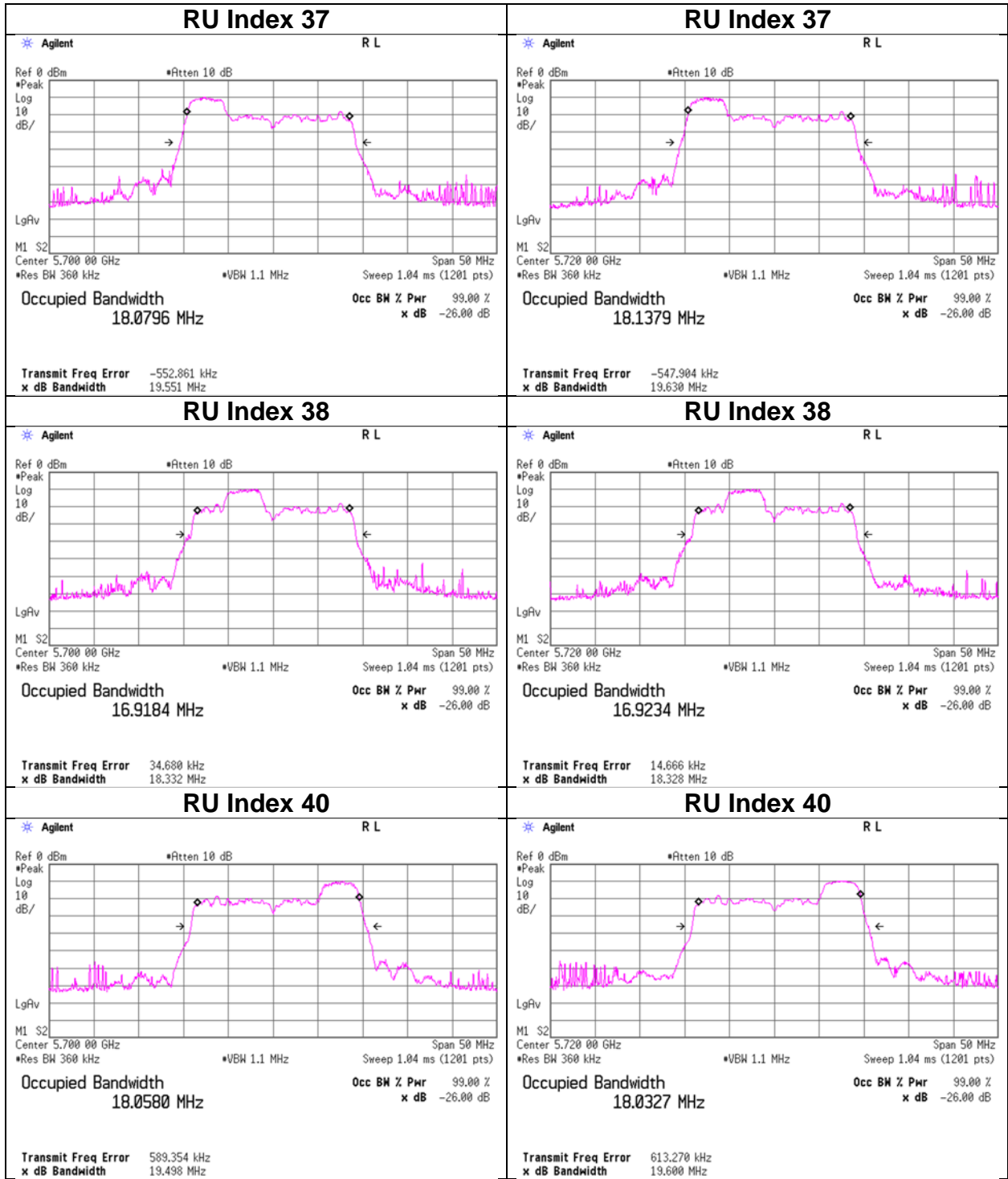


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**52-tone RU 5700 MHz**

**52-tone RU 5720 MHz**

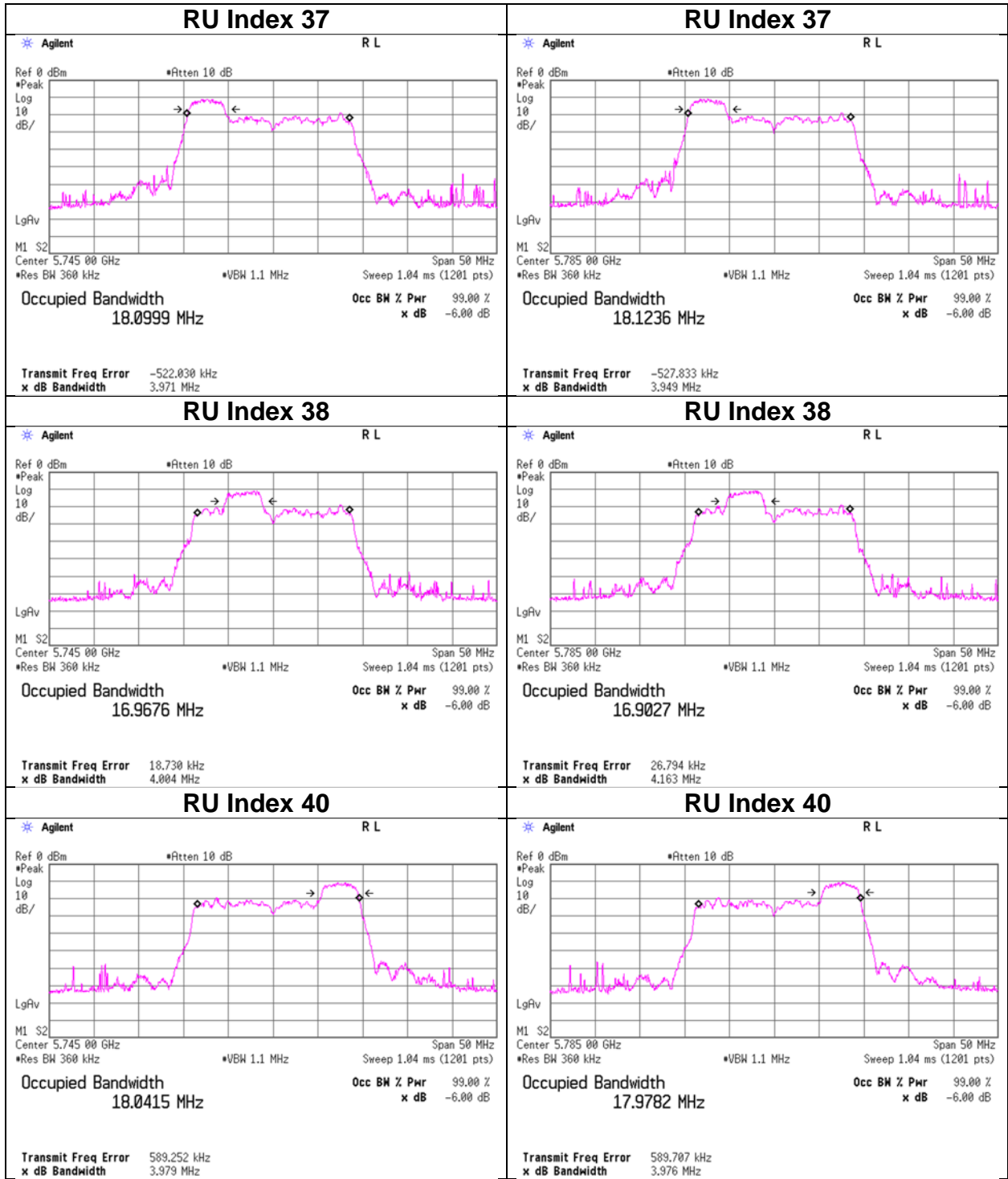


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**52-tone RU 5745 MHz**

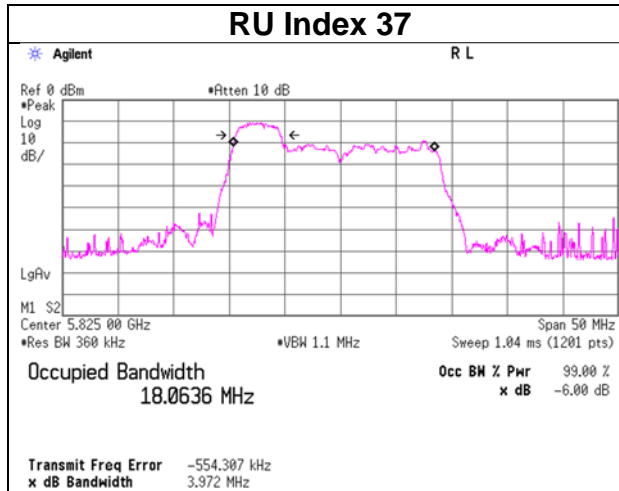
**52-tone RU 5785 MHz**



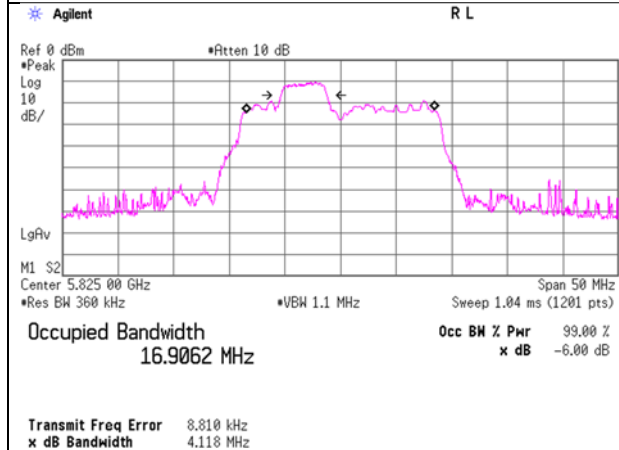
### 99 % Occupied Bandwidth

#### 11ax-20 (OFDMA) 52-tone RU 5825 MHz

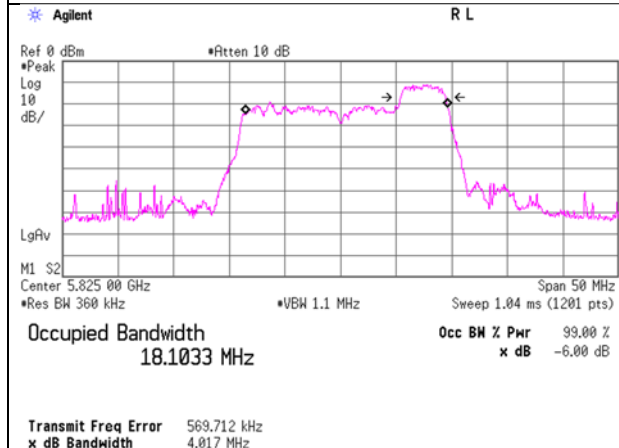
##### RU Index 37



##### RU Index 38



##### RU Index 40

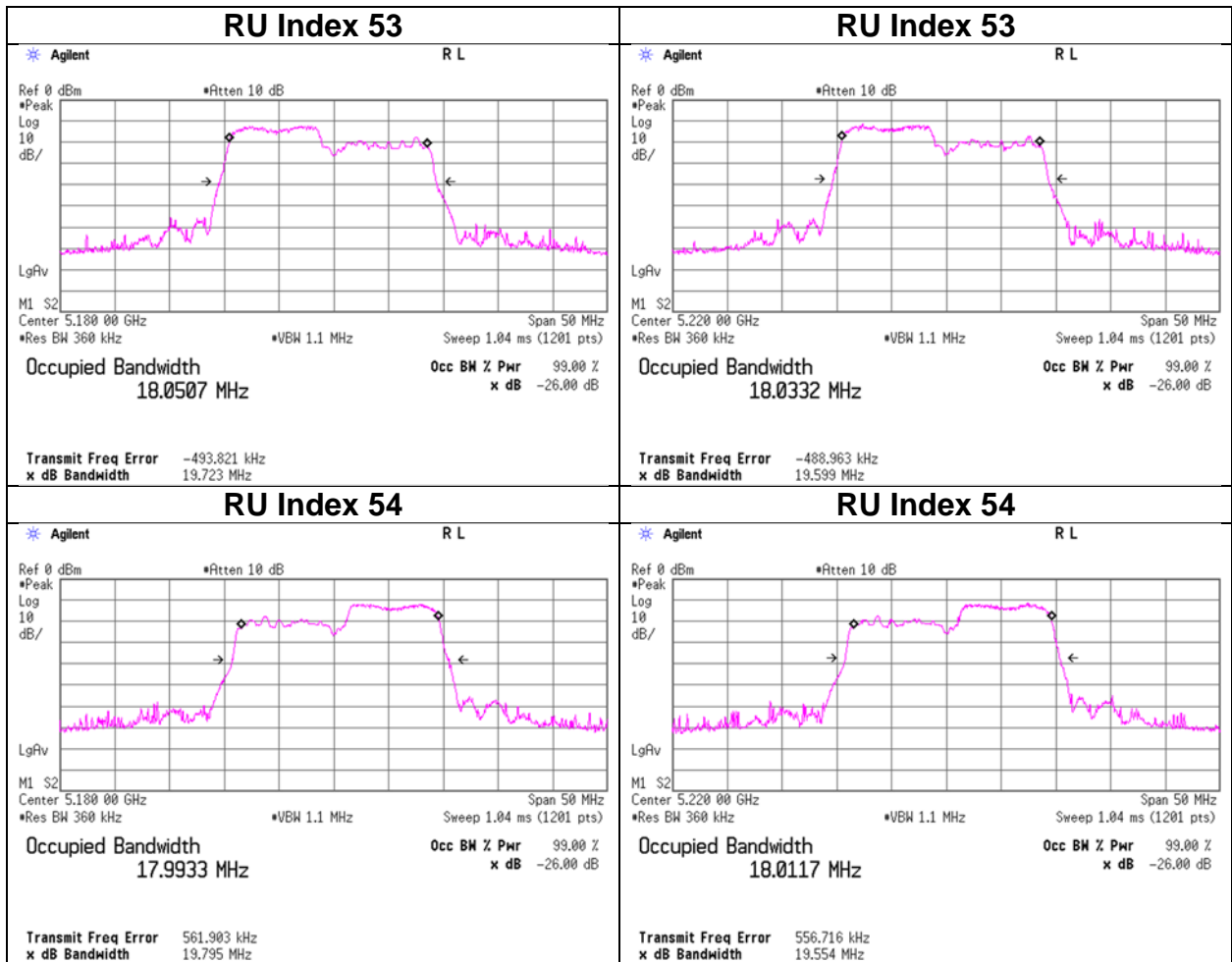


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**106-tone RU 5180 MHz**

**106-tone RU 5220 MHz**

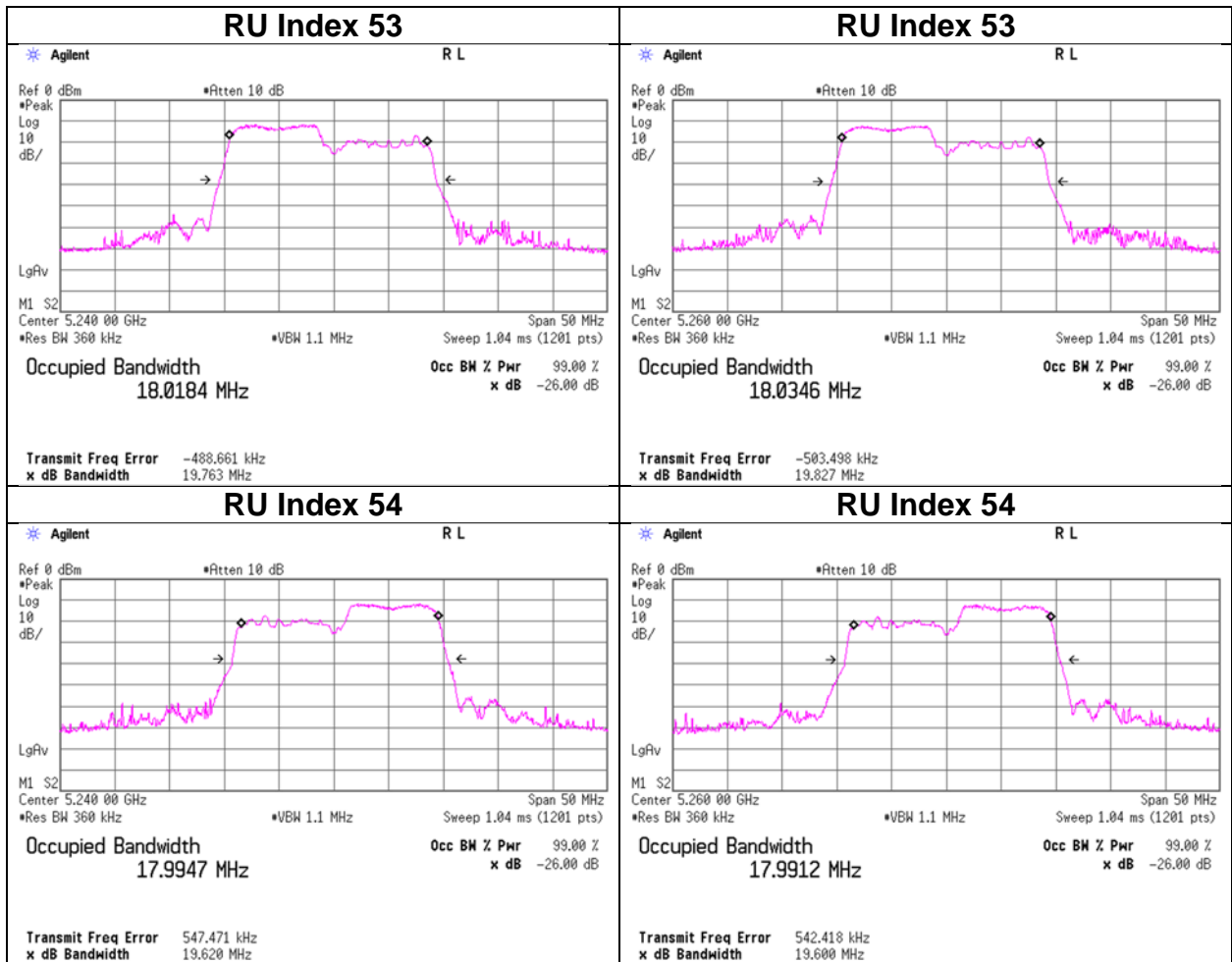


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**106-tone RU 5240 MHz**

**106-tone RU 5260 MHz**

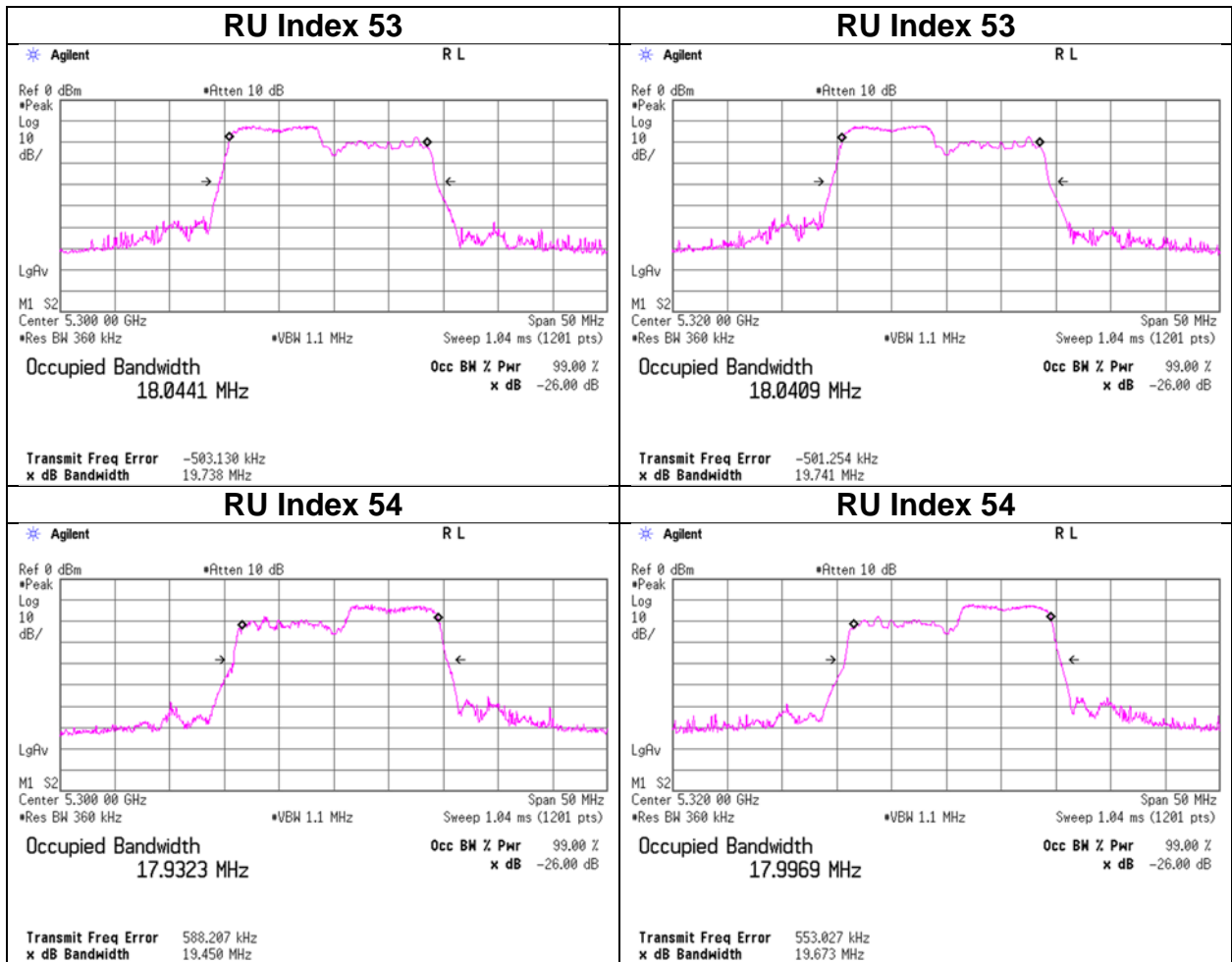


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**106-tone RU 5300 MHz**

**106-tone RU 5320 MHz**



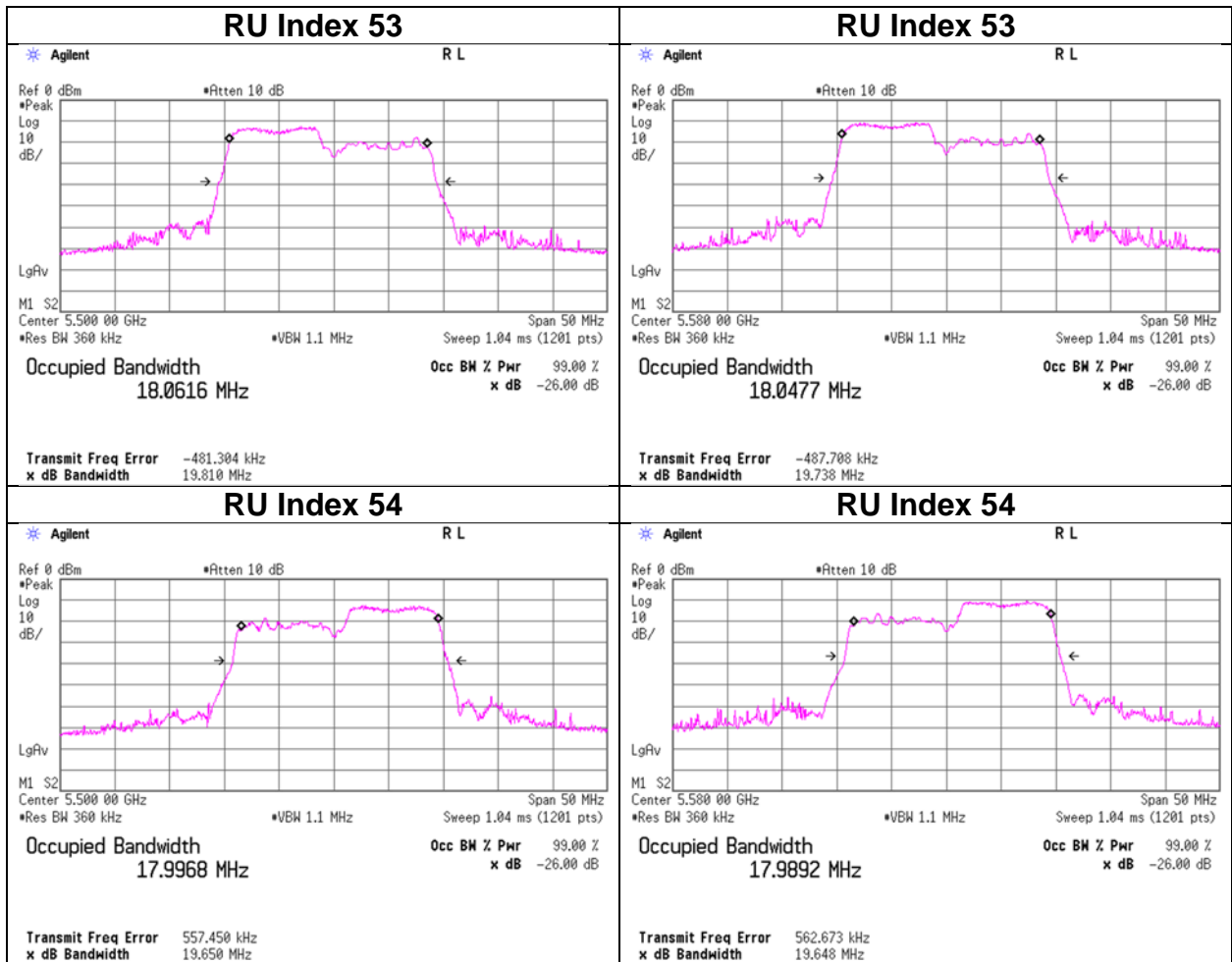


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**106-tone RU 5500 MHz**

**106-tone RU 5580 MHz**

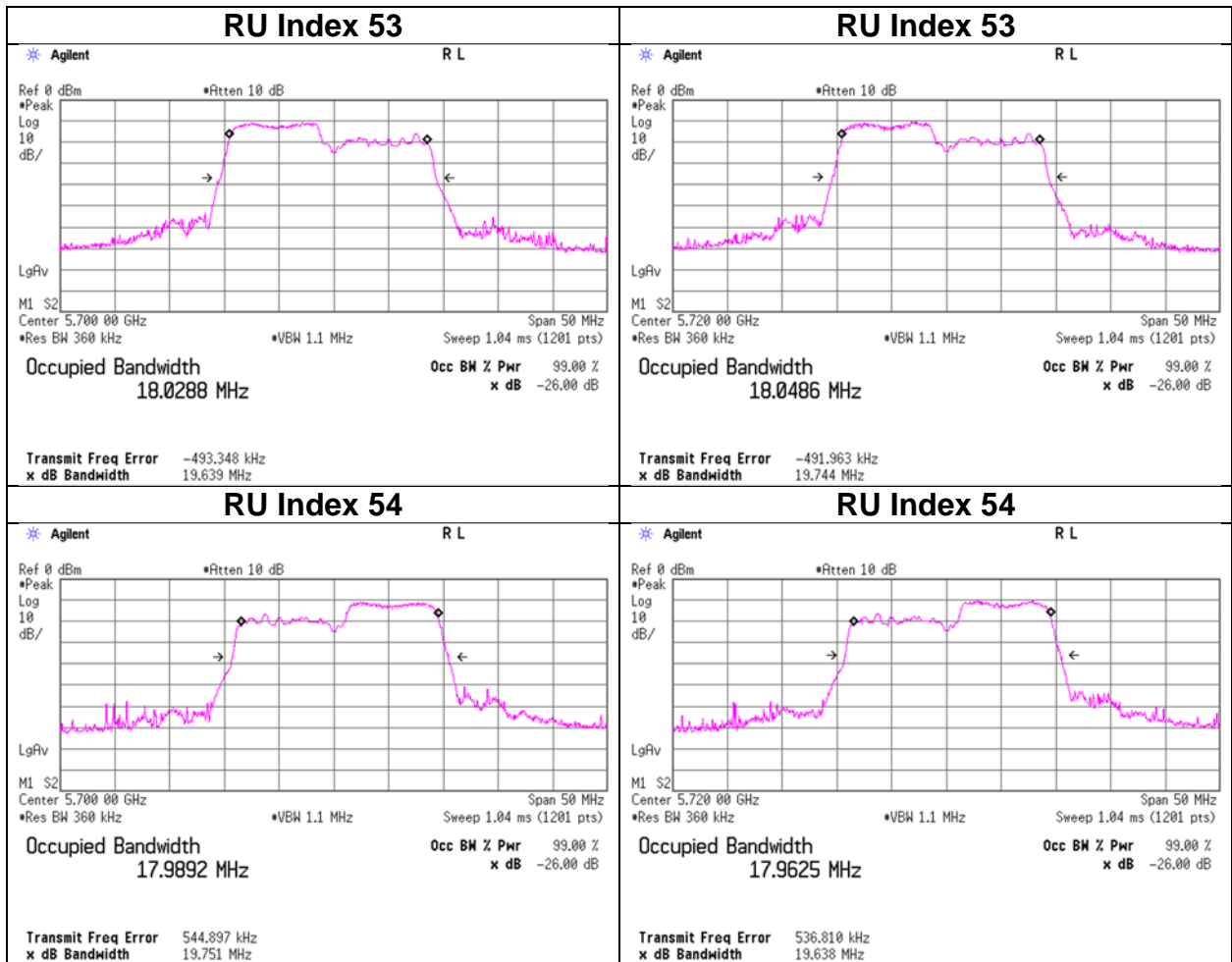


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**106-tone RU 5700 MHz**

**106-tone RU 5720 MHz**

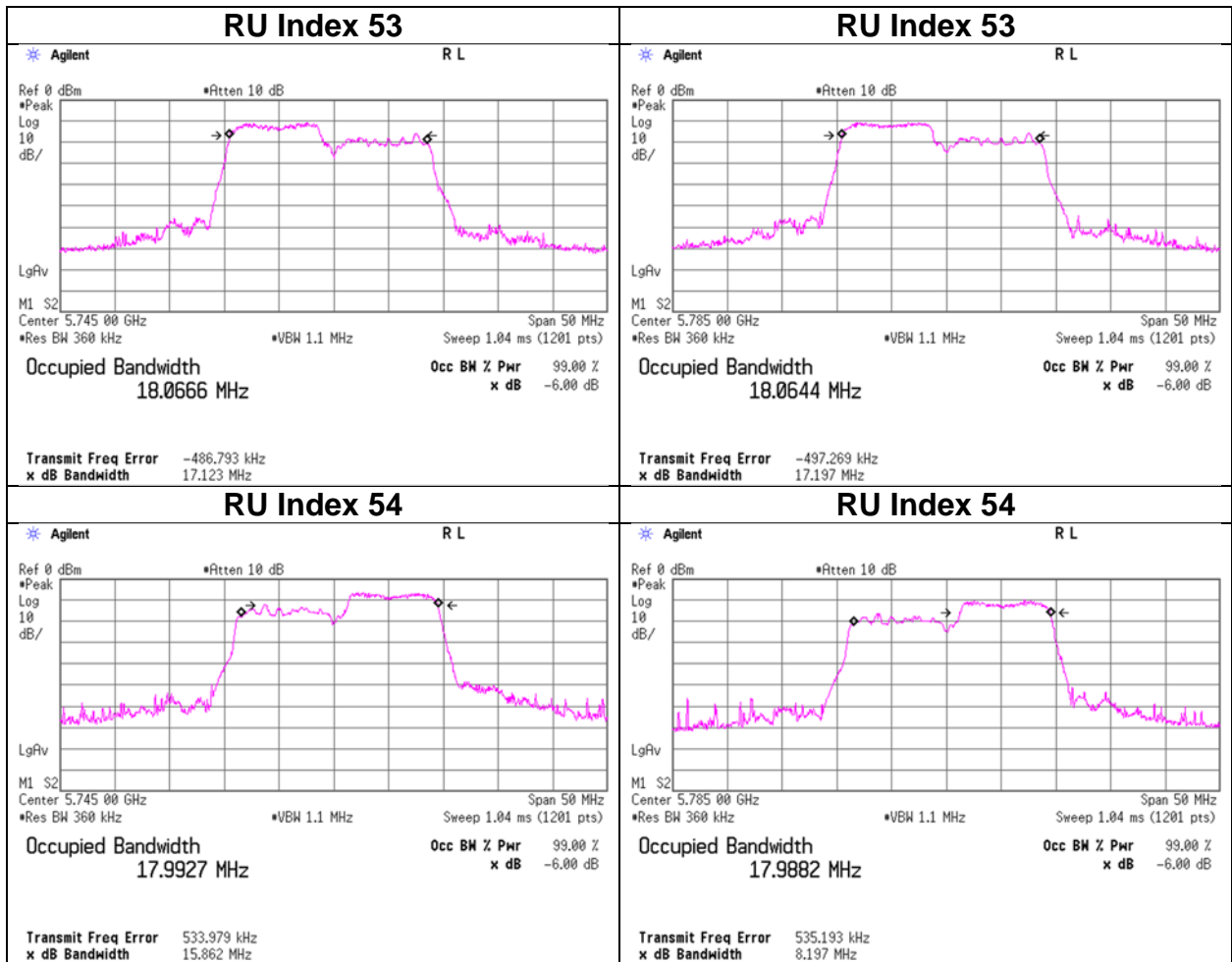


**99 % Occupied Bandwidth**

**11ax-20 (OFDMA)**

**106-tone RU 5745 MHz**

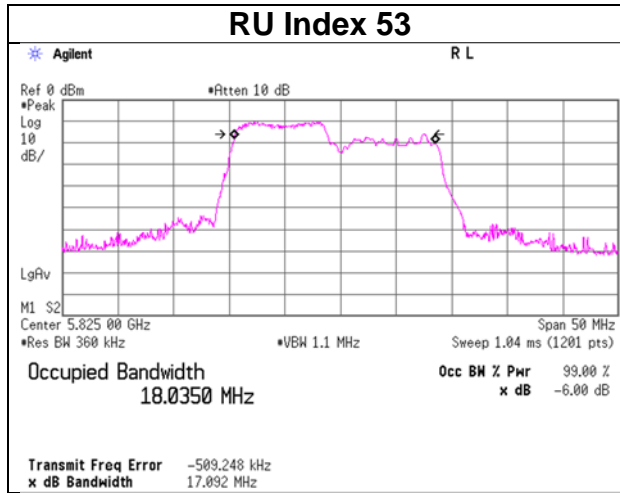
**106-tone RU 5785 MHz**



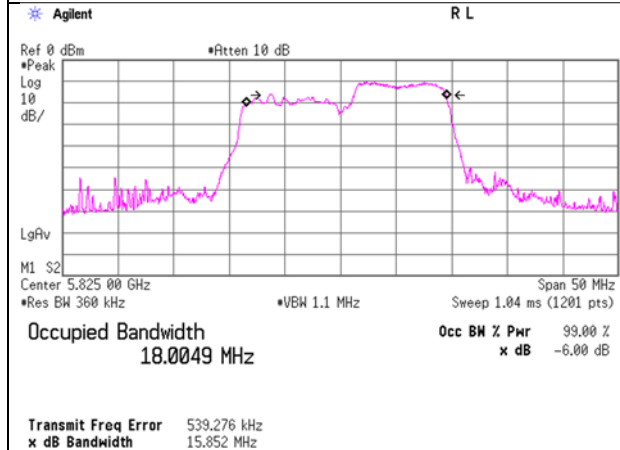
### 99 % Occupied Bandwidth

#### 11ax-20 (OFDMA) 106-tone RU 5825 MHz

##### RU Index 53

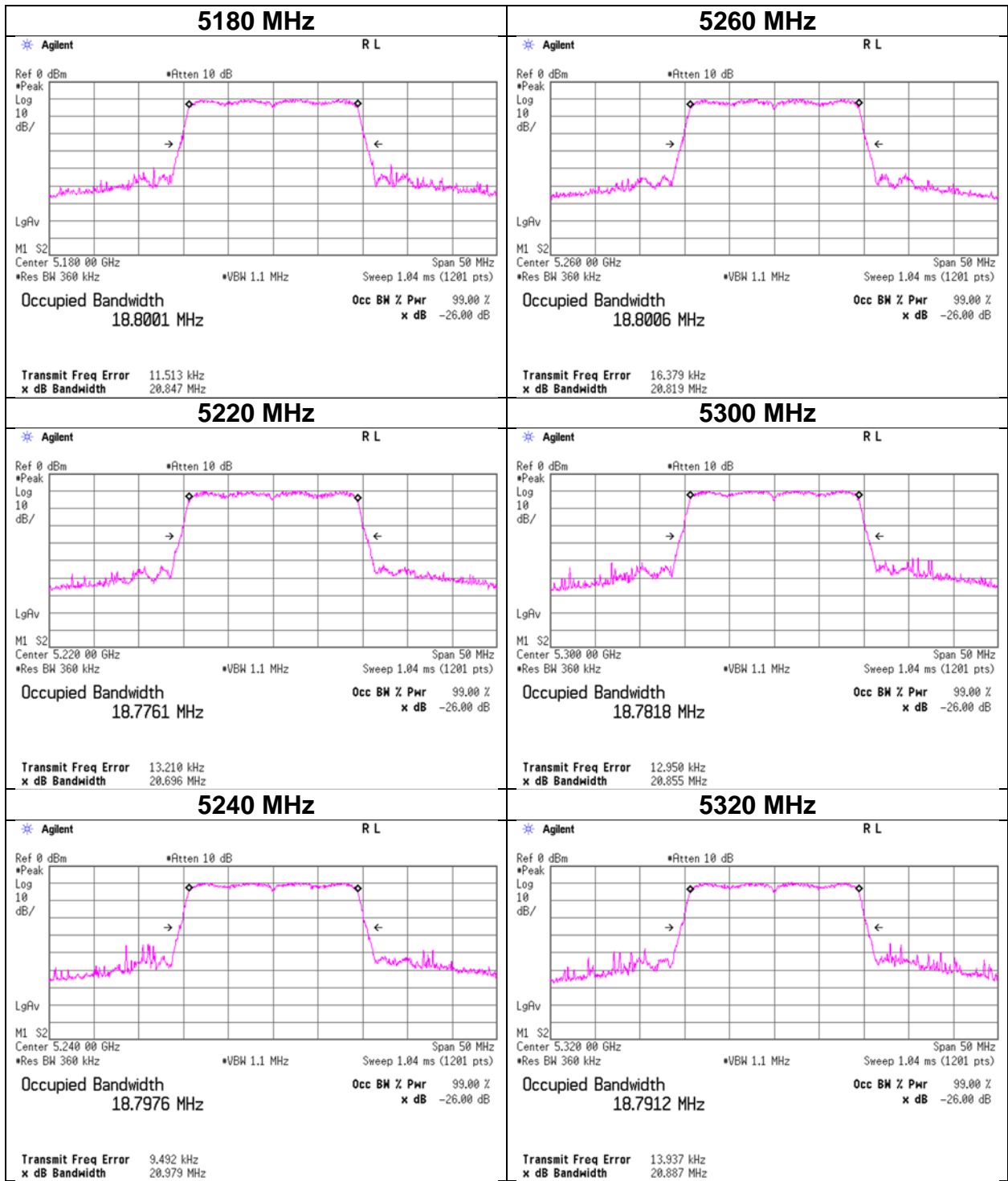


##### RU Index 54



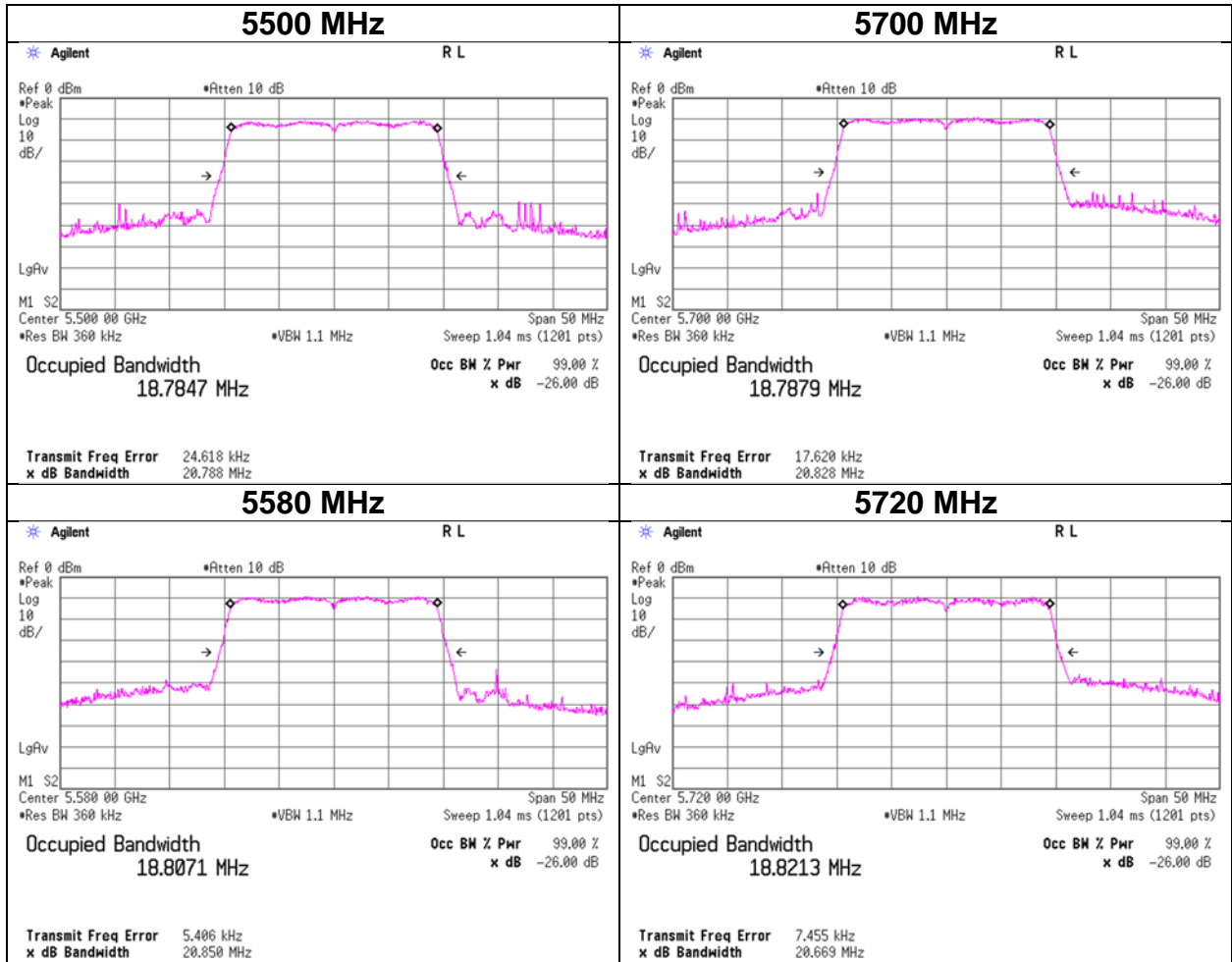
**99 % Occupied Bandwidth**

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



**99 % Occupied Bandwidth**

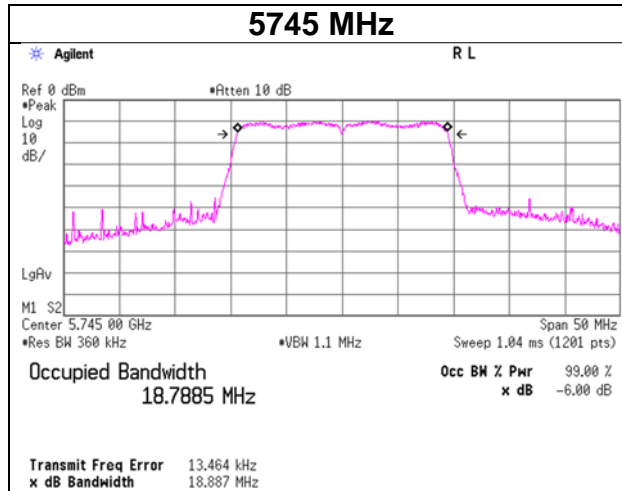
**11ax-20 (OFDMA)  
242-tone RU**



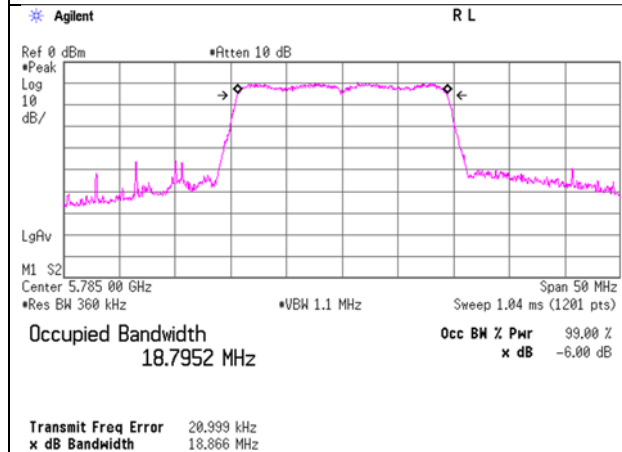
### 99 % Occupied Bandwidth

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

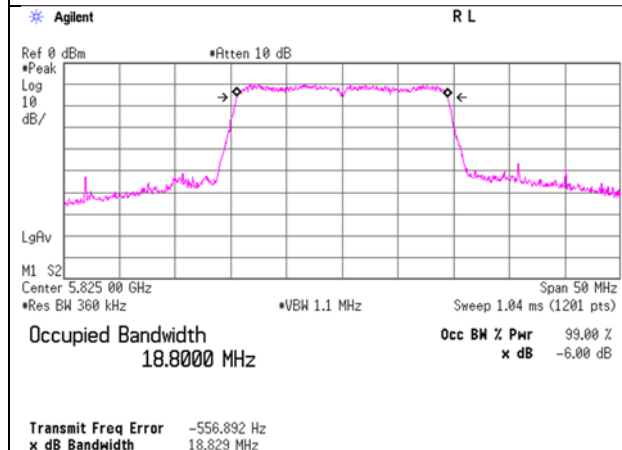
##### 5745 MHz



##### 5785 MHz



##### 5825 MHz



## 6 dB Bandwidth

Test place	Shonan EMC Lab. No.5 Shielded Room
Date	March 1, 2023
Temperature / Humidity	23 deg. C / 41 % RH
Engineer	Miku Ikudome
Mode	Tx

11a

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Ant B	5745	16.491	> 0.500
	5785	16.523	> 0.500
	5825	16.492	> 0.500

11n-20

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Ant B	5745	17.744	> 0.500
	5785	17.620	> 0.500
	5825	17.651	> 0.500

11ac-20

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Ant B	5745	17.591	> 0.500
	5785	17.626	> 0.500
	5825	17.674	> 0.500

11ax-20 (OFDM)

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Ant B	5745	18.592	> 0.500
	5785	18.575	> 0.500
	5825	18.730	> 0.500



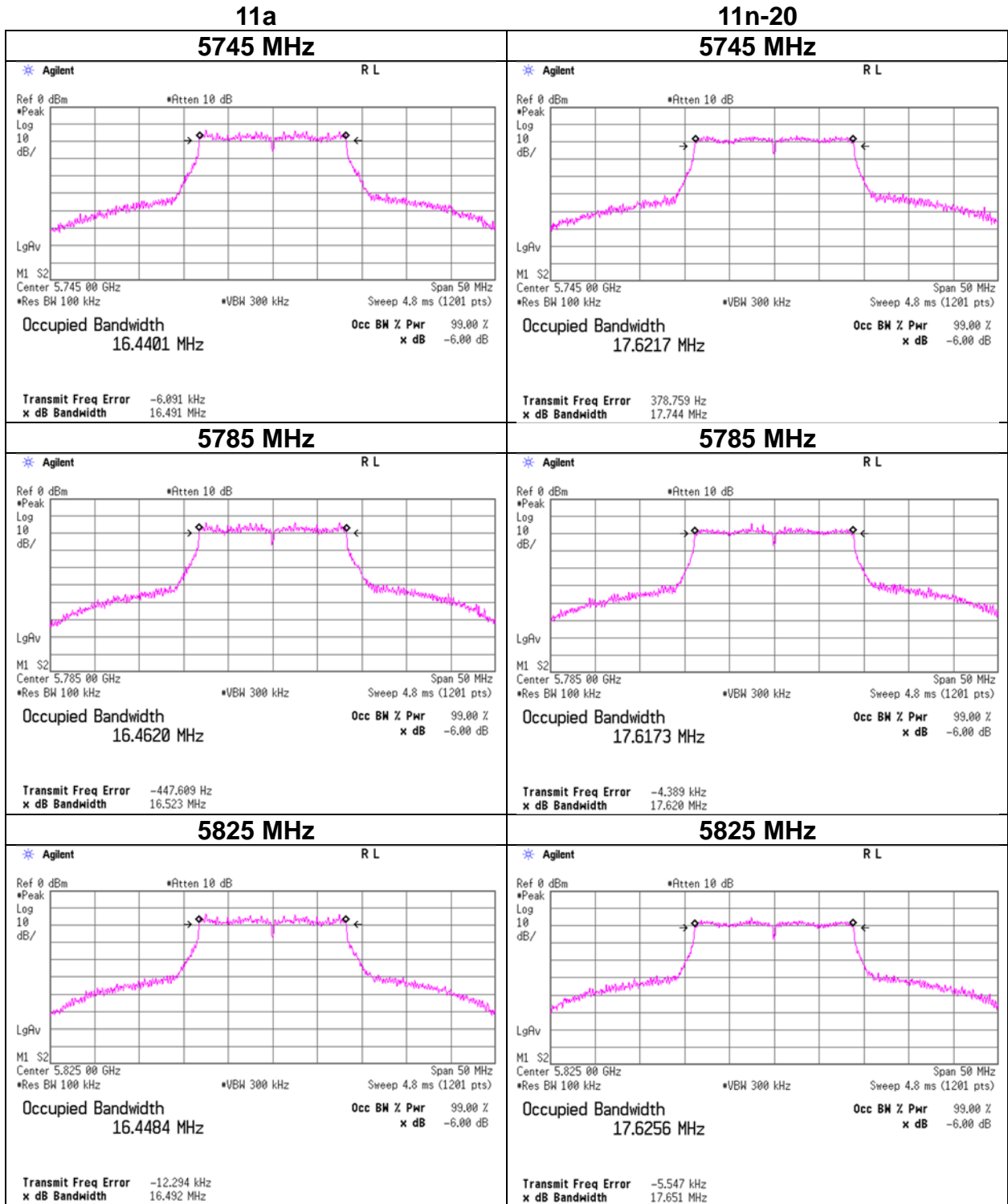
### 6 dB Bandwidth

Test place	Shonan EMC Lab. No.1 Measurement Room		
Date	February 17, 2023	February 20, 2023	February 22, 2023
Temperature / Humidity	22 deg. C / 40 % RH	23 deg. C / 32 % RH	22 deg. C / 41 % RH
Engineer	Akihiro Oda	Miku Ikudome	Miku Ikudome
Mode	Tx		

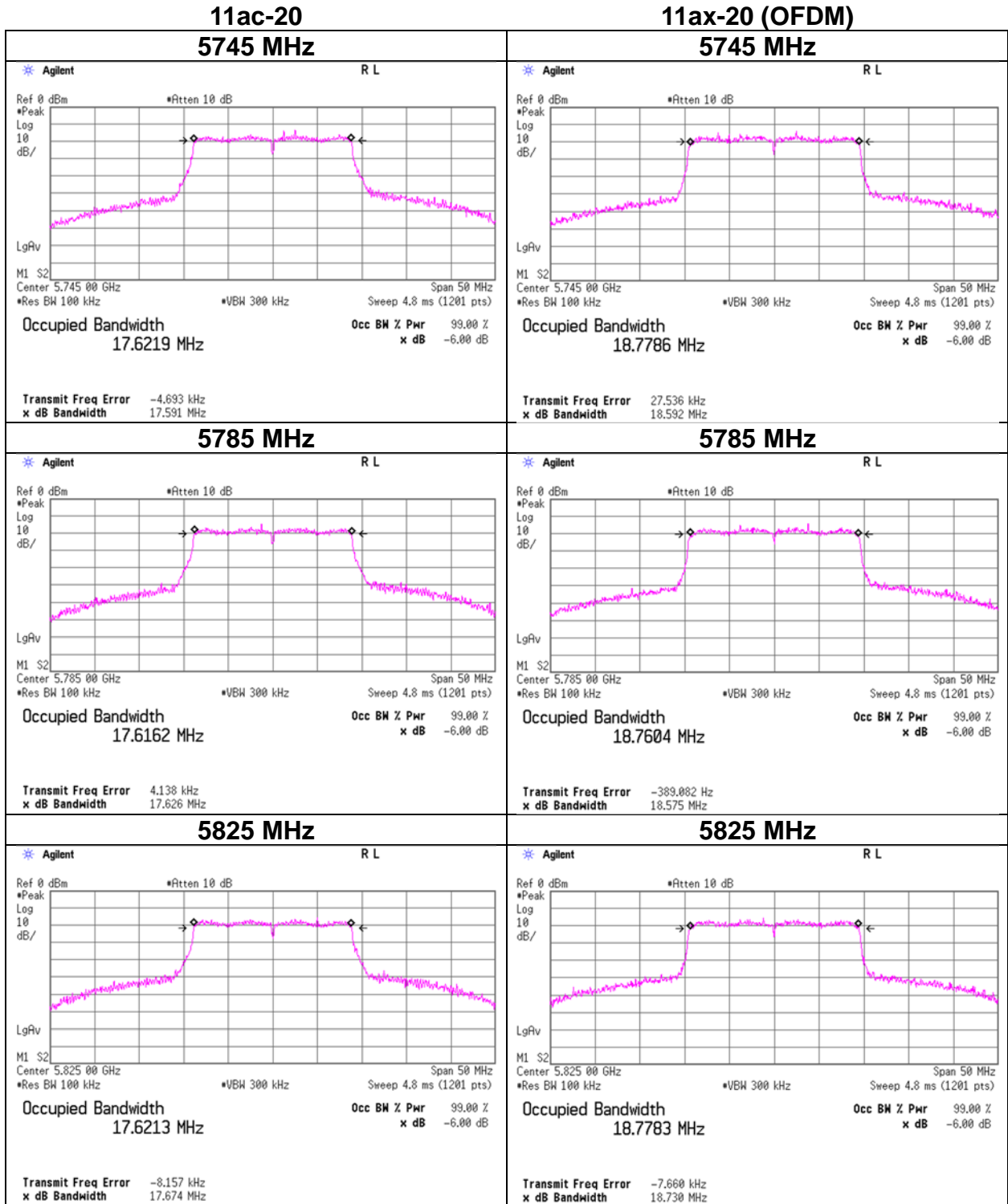
11ax-20 (OFDMA)

Antenna	RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
Ant B	26-tone RU	5745	0	1.965	> 0.500
			4	2.659	> 0.500
			8	1.996	> 0.500
		5785	0	1.993	> 0.500
			4	2.656	> 0.500
			8	1.985	> 0.500
		5825	0	1.992	> 0.500
			4	2.651	> 0.500
			8	1.981	> 0.500
	52-tone RU	5745	37	3.989	> 0.500
			38	4.032	> 0.500
			40	3.984	> 0.500
		5785	37	3.998	> 0.500
			38	4.094	> 0.500
			40	3.983	> 0.500
		5825	37	3.977	> 0.500
			38	4.086	> 0.500
			40	3.974	> 0.500
	106-tone RU	5745	53	8.274	> 0.500
			54	8.267	> 0.500
		5785	53	8.277	> 0.500
			54	8.280	> 0.500
		5825	53	8.304	> 0.500
			54	8.222	> 0.500
242-tone RU	5745	61	18.467	> 0.500	
	5785	61	18.504	> 0.500	
	5825	61	18.612	> 0.500	

**6 dB Bandwidth**



**6 dB Bandwidth**

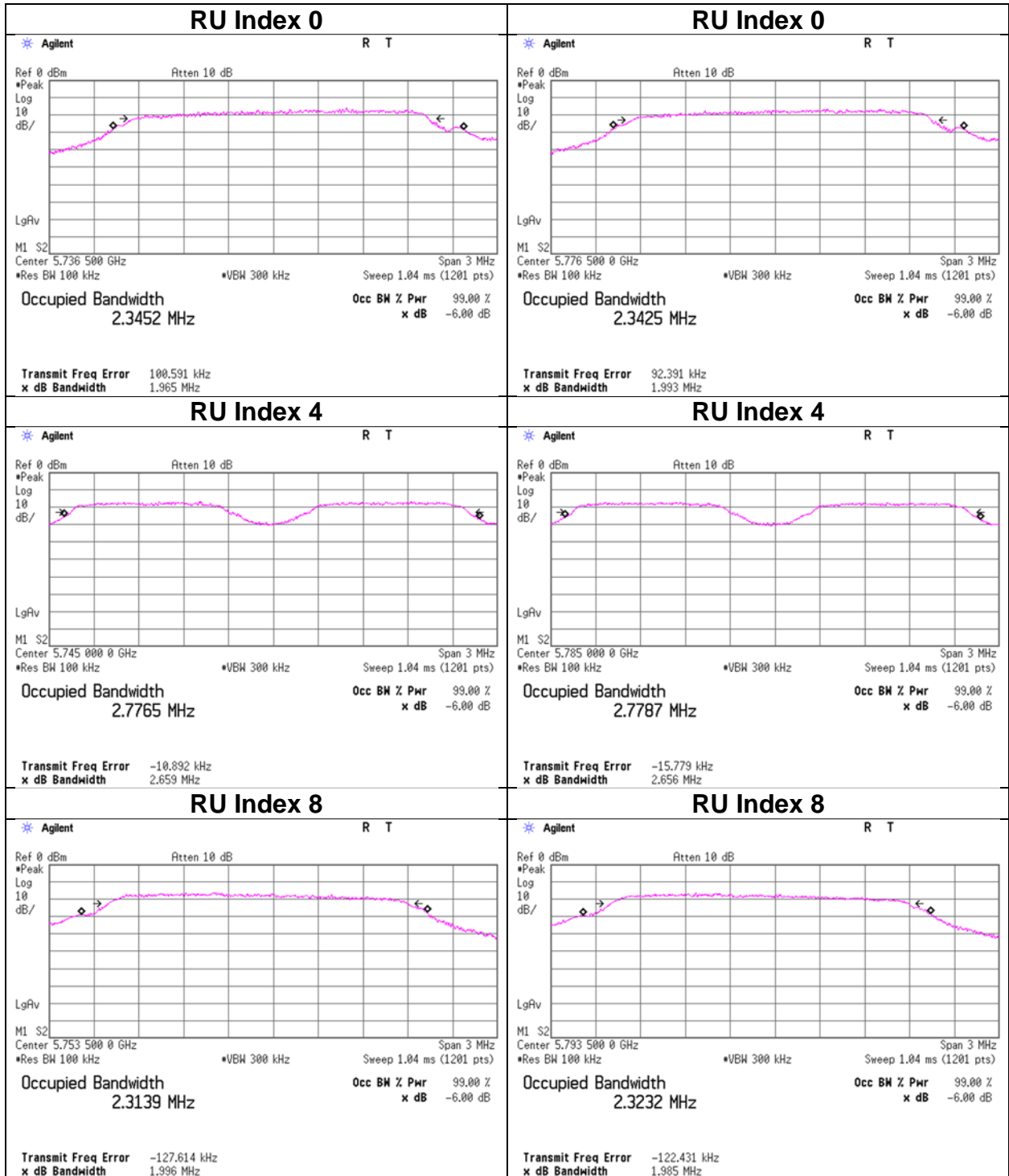


**6 dB Bandwidth**

**11ax-20 (OFDMA)**

**26-tone RU 5745 MHz**

**26-tone RU 5785 MHz**

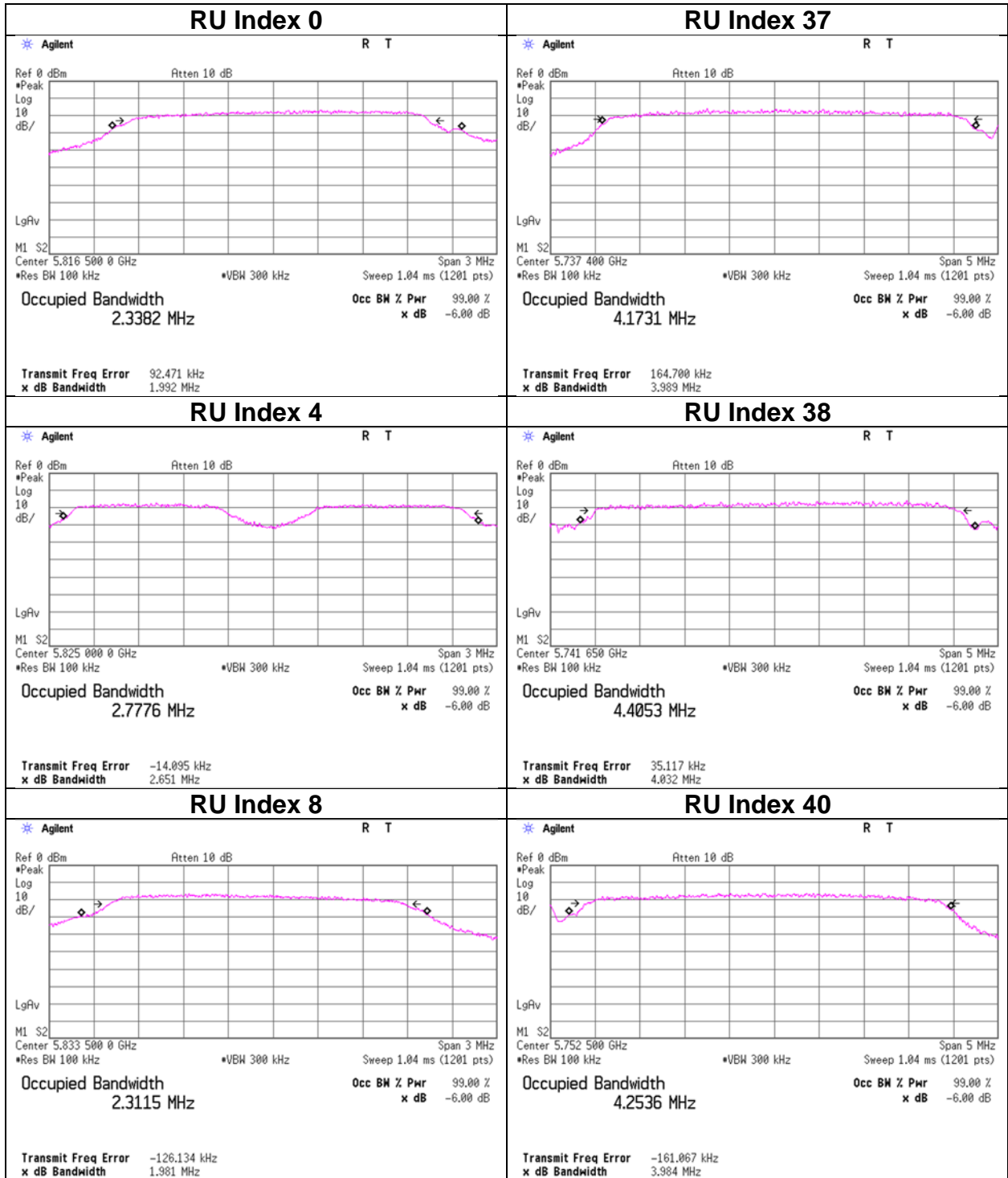


### 6 dB Bandwidth

### 11ax-20 (OFDMA)

#### 26-tone RU 5825 MHz

#### 52-tone RU 5745 MHz

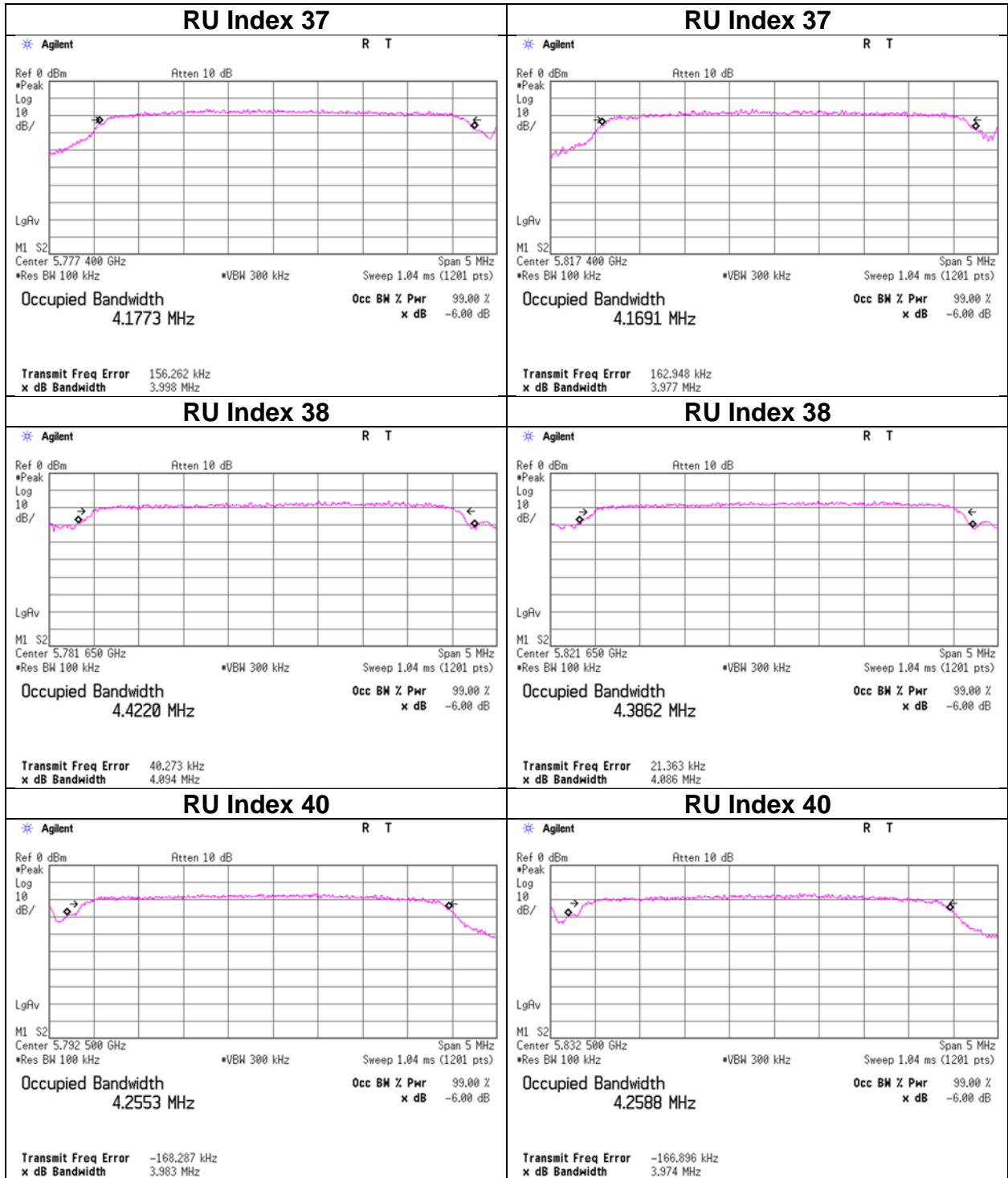


### 6 dB Bandwidth

### 11ax-20 (OFDMA)

#### 52-tone RU 5785 MHz

#### 52-tone RU 5825 MHz

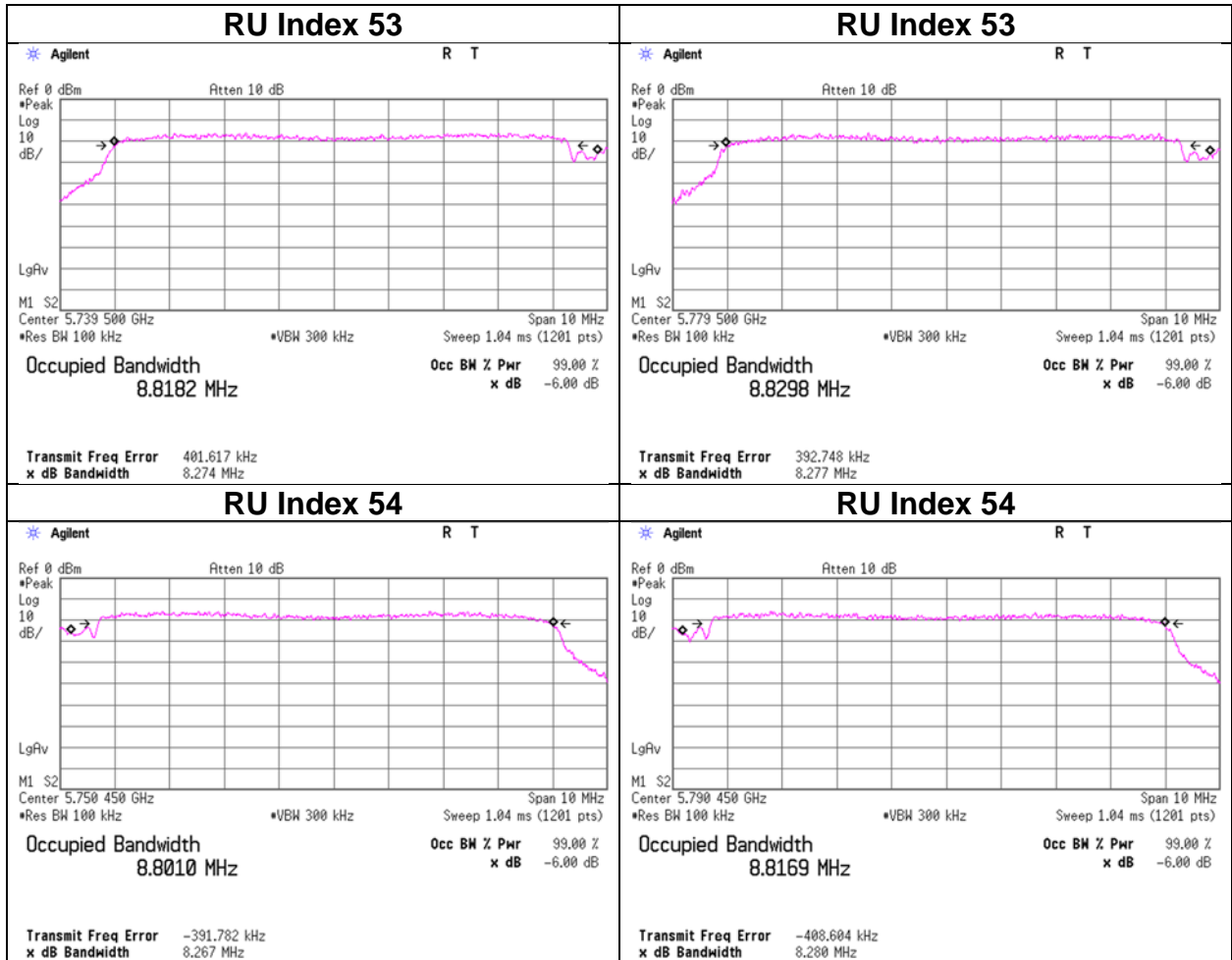


**6 dB Bandwidth**

**11ax-20 (OFDMA)**

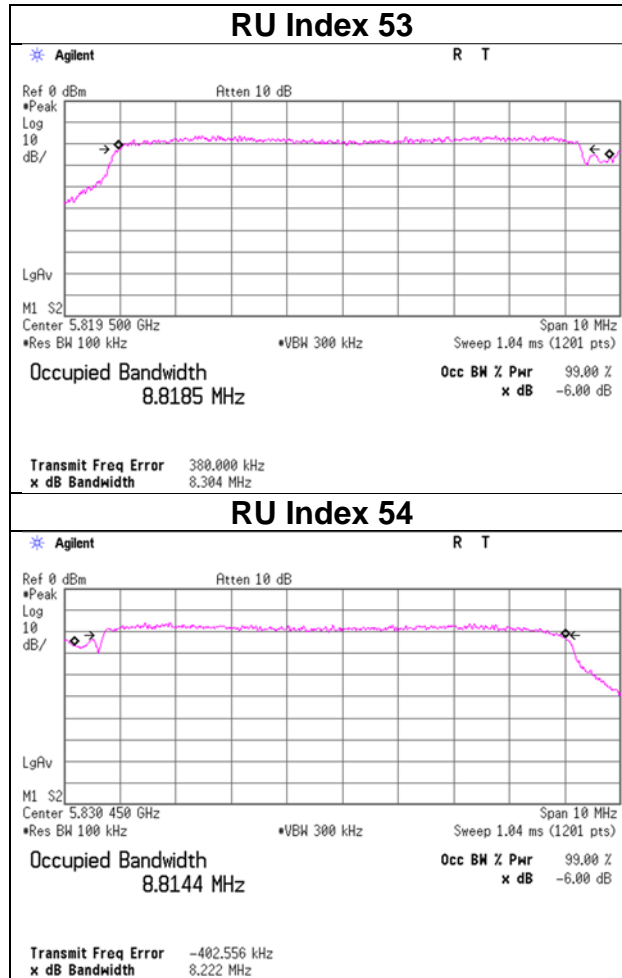
**106-tone RU 5745 MHz**

**106-tone RU 5785 MHz**



### 6 dB Bandwidth

#### 11ax-20 (OFDMA) 106-tone RU 5825 MHz

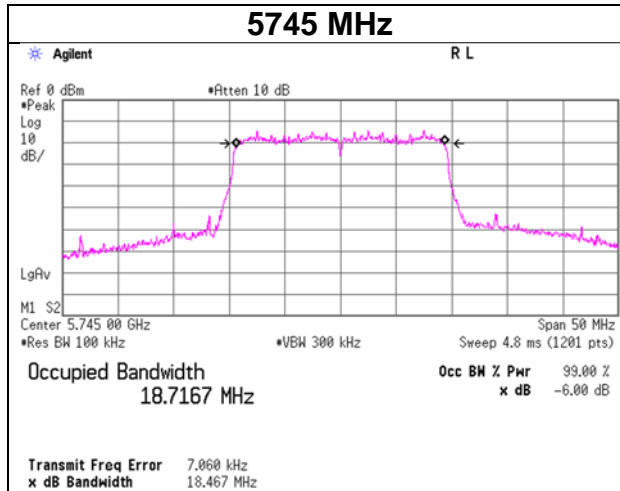




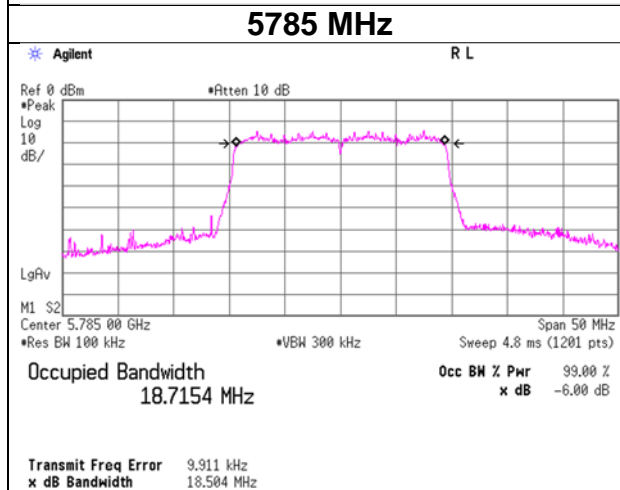
### 6 dB Bandwidth

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

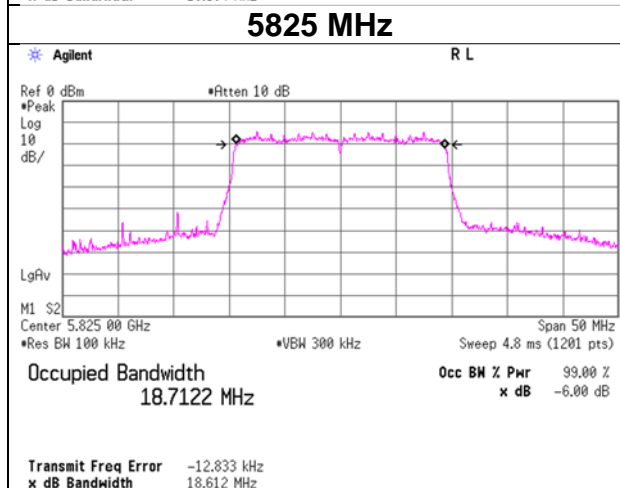
#### 5745 MHz



#### 5785 MHz



#### 5825 MHz



## Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.1 Measurement Room
Date	February 1, 2023
Temperature / Humidity	24 deg. C / 29 % RH
Engineer	Miku Ikudome
Mode	Tx 11a

**Ant A + Ant B**

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		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna		e.i.r.p.			
			Ant A [mW]	Ant B [mW]									Ant A [mW]	Ant B [mW]
5180	-	16.750	11.25	11.99	23.24	13.66	23.97	10.31	27.04	28.84	55.88	17.47	29.97	12.50
5220	-	16.756	11.12	12.45	23.56	13.72	23.97	10.25	26.73	29.92	56.65	17.53	29.97	12.44
5240	-	16.738	10.84	12.50	23.34	13.68	23.97	10.29	26.06	30.06	56.12	17.49	29.97	12.48
5260	19.732	16.736	11.32	11.32	22.65	13.55	23.95	10.40	29.79	29.79	59.57	17.75	29.97	12.22
5300	19.513	16.684	10.59	11.53	22.13	13.45	23.90	10.45	27.86	30.34	58.20	17.65	29.97	12.32
5320	19.857	16.721	10.54	11.40	21.95	13.41	23.97	10.56	27.73	29.99	57.72	17.61	29.97	12.36
5500	19.629	16.740	9.82	10.99	20.81	13.18	23.92	10.74	26.42	29.58	56.00	17.48	29.97	12.49
5580	19.712	16.735	10.64	11.89	22.53	13.53	23.94	10.41	28.64	31.99	60.63	17.83	29.97	12.14
5700	19.612	16.745	10.79	11.75	22.54	13.53	23.92	10.39	29.04	31.62	60.66	17.83	29.97	12.14
5720	19.773	16.732	10.45	10.69	21.14	13.25	23.96	10.71	28.12	28.77	56.89	17.55	29.97	12.42
5745	-	16.720	9.64	10.33	19.97	13.00	30.00	17.00	26.18	28.05	54.24	17.34	36.00	18.66
5785	-	16.757	9.86	10.40	20.26	13.07	30.00	16.93	26.79	28.25	55.04	17.41	36.00	18.59
5825	-	16.778	9.75	10.23	19.98	13.01	30.00	16.99	26.49	27.80	54.28	17.35	36.00	18.65

Tested Frequency [MHz]	Duty Factor [dB]	Ant A						Ant B					
		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	0.10	-2.64	3.07	9.98	3.81	10.51	14.32	-2.52	3.12	10.09	3.81	10.79	14.60
5220	0.10	-2.70	3.08	9.98	3.81	10.46	14.27	-2.37	3.13	10.09	3.81	10.95	14.76
5240	0.10	-2.82	3.09	9.98	3.81	10.35	14.16	-2.35	3.13	10.09	3.81	10.97	14.78
5260	0.10	-2.63	3.09	9.98	4.20	10.54	14.74	-2.78	3.13	10.09	4.20	10.54	14.74
5300	0.10	-2.93	3.10	9.98	4.20	10.25	14.45	-2.71	3.14	10.09	4.20	10.62	14.82
5320	0.10	-2.95	3.10	9.98	4.20	10.23	14.43	-2.77	3.15	10.09	4.20	10.57	14.77
5500	0.10	-3.29	3.13	9.98	4.30	9.92	14.22	-2.97	3.18	10.10	4.30	10.41	14.71
5580	0.10	-2.96	3.15	9.98	4.30	10.27	14.57	-2.65	3.20	10.10	4.30	10.75	15.05
5700	0.10	-2.92	3.17	9.98	4.30	10.33	14.63	-2.73	3.23	10.10	4.30	10.70	15.00
5720	0.10	-3.06	3.17	9.98	4.30	10.19	14.49	-3.14	3.23	10.10	4.30	10.29	14.59
5745	0.10	-3.42	3.18	9.98	4.34	9.84	14.18	-3.30	3.24	10.10	4.34	10.14	14.48
5785	0.10	-3.33	3.19	9.98	4.34	9.94	14.28	-3.28	3.25	10.10	4.34	10.17	14.51
5825	0.10	-3.38	3.19	9.98	4.34	9.89	14.23	-3.37	3.26	10.11	4.34	10.10	14.44

Sample Calculation:

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

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

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

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

### Maximum Conducted Output Power

Test place	Shonan EMC Lab. No.1 Measurement Room	
Date	February 1, 2023	February 2, 2023
Temperature / Humidity	24 deg. C / 29 % RH	24 deg. C / 33 % RH
Engineer	Miku Ikudome	Yohsuke Matsuzawa
Mode	Tx 11n-20	

**Ant A + Ant B**

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		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna			Result [dBm]	Limit [dBm]	Margin [dB]
Ant A [mW]	Ant B [mW]	Ant A [mW]	Ant B [mW]	Sum [mW]					Ant A [mW]	Ant B [mW]	Sum [mW]			
5180	-	17.815	10.91	10.96	21.88	13.40	23.97	10.57	26.24	26.36	52.61	17.21	29.97	12.76
5220	-	17.765	11.32	11.83	23.15	13.65	23.97	10.32	27.23	28.44	55.67	17.46	29.97	12.51
5240	-	17.774	10.94	12.13	23.07	13.63	23.97	10.34	26.30	29.17	55.48	17.44	29.97	12.53
5260	19.814	17.791	11.53	10.96	22.50	13.52	23.96	10.44	30.34	28.84	59.18	17.72	29.97	12.25
5300	20.072	17.760	10.94	11.40	22.34	13.49	23.97	10.48	28.77	29.99	58.77	17.69	29.97	12.28
5320	20.191	17.790	10.81	11.17	21.98	13.42	23.97	10.55	28.44	29.38	57.82	17.62	29.97	12.35
5500	20.293	17.789	9.40	9.44	18.84	12.75	23.97	11.22	25.29	25.41	50.70	17.05	29.97	12.92
5580	20.151	17.814	10.81	12.79	23.61	13.73	23.97	10.24	29.11	34.43	63.54	18.03	29.97	11.94
5700	20.177	17.809	11.09	11.91	23.00	13.62	23.97	10.35	29.85	32.06	61.92	17.92	29.97	12.05
5720	20.105	17.777	11.02	11.43	22.44	13.51	23.97	10.46	29.65	30.76	60.41	17.81	29.97	12.16
5745	-	17.781	9.84	10.99	20.83	13.19	30.00	16.81	26.73	29.85	56.58	17.53	36.00	18.47
5785	-	17.804	10.19	10.52	20.71	13.16	30.00	16.84	27.67	28.58	56.25	17.50	36.00	18.50
5825	-	17.785	9.98	10.99	20.97	13.22	30.00	16.78	27.10	29.85	56.96	17.56	36.00	18.44

Tested Frequency [MHz]	Duty Factor [dB]	Ant A						Ant B					
		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
5180	0.00	-2.67	3.07	9.98	3.81	10.38	14.19	-2.81	3.12	10.09	3.81	10.40	14.21
5220	0.00	-2.52	3.08	9.98	3.81	10.54	14.35	-2.49	3.13	10.09	3.81	10.73	14.54
5240	0.00	-2.68	3.09	9.98	3.81	10.39	14.20	-2.38	3.13	10.09	3.81	10.84	14.65
5260	0.00	-2.45	3.09	9.98	4.20	10.62	14.82	-2.82	3.13	10.09	4.20	10.40	14.60
5300	0.00	-2.69	3.10	9.98	4.20	10.39	14.59	-2.66	3.14	10.09	4.20	10.57	14.77
5320	0.00	-2.74	3.10	9.98	4.20	10.34	14.54	-2.76	3.15	10.09	4.20	10.48	14.68
5500	0.00	-3.38	3.13	9.98	4.30	9.73	14.03	-3.53	3.18	10.10	4.30	9.75	14.05
5580	0.00	-2.79	3.15	9.98	4.30	10.34	14.64	-2.23	3.20	10.10	4.30	11.07	15.37
5700	0.00	-2.70	3.17	9.98	4.30	10.45	14.75	-2.57	3.23	10.10	4.30	10.76	15.06
5720	0.00	-2.73	3.17	9.98	4.30	10.42	14.72	-2.75	3.23	10.10	4.30	10.58	14.88
5745	0.00	-3.23	3.18	9.98	4.34	9.93	14.27	-2.93	3.24	10.10	4.34	10.41	14.75
5785	0.00	-3.09	3.19	9.98	4.34	10.08	14.42	-3.13	3.25	10.10	4.34	10.22	14.56
5825	0.00	-3.18	3.19	9.98	4.34	9.99	14.33	-2.96	3.26	10.11	4.34	10.41	14.75

Sample Calculation:

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

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

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

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
 Date February 1, 2023 February 2, 2023  
 Temperature / Humidity 24 deg. C / 29 % RH 24 deg. C / 33 % RH  
 Engineer Miku Ikudome Yohsuke Matsuzawa  
 Mode Tx 11ac-20

**Ant A + Ant B**

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		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
			Ant A [mW]	Ant B [mW]					Ant A [mW]	Ant B [mW]				
5180	-	17.769	11.78	12.42	24.19	13.84	23.97	10.13	28.31	29.85	58.17	17.65	29.97	12.32
5220	-	17.784	11.61	12.56	24.17	13.83	23.97	10.14	27.93	30.20	58.12	17.64	29.97	12.33
5240	-	17.792	11.17	12.74	23.90	13.78	23.97	10.19	26.85	30.62	57.47	17.59	29.97	12.38
5260	20.035	17.780	11.67	11.69	23.36	13.69	23.97	10.28	30.69	30.76	61.45	17.89	29.97	12.08
5300	20.192	17.815	11.04	11.83	22.87	13.59	23.97	10.38	29.04	31.12	60.16	17.79	29.97	12.18
5320	20.252	17.750	11.07	11.78	22.84	13.59	23.97	10.38	29.11	30.97	60.08	17.79	29.97	12.18
5500	20.151	17.797	10.05	12.25	22.29	13.48	23.97	10.49	27.04	32.96	60.00	17.78	29.97	12.19
5580	20.112	17.797	10.94	14.00	24.94	13.97	23.97	10.00	29.44	37.67	67.11	18.27	29.97	11.70
5700	20.089	17.786	10.96	12.65	23.61	13.73	23.97	10.24	29.51	34.04	63.55	18.03	29.97	11.94
5720	20.196	17.793	10.86	12.13	23.00	13.62	23.97	10.35	29.24	32.66	61.90	17.92	29.97	12.05
5745	-	17.800	9.77	11.51	21.28	13.28	30.00	16.72	26.55	31.26	57.81	17.62	36.00	18.38
5785	-	17.800	10.02	10.99	21.01	13.22	30.00	16.78	27.23	29.85	57.08	17.56	36.00	18.44
5825	-	17.789	9.66	11.43	21.09	13.24	30.00	16.76	26.24	31.05	57.29	17.58	36.00	18.42

Ant A								Ant B						
Tested Frequency [MHz]	Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result		
						Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]	
5180	0.01	-2.35	3.07	9.98	3.81	10.71	14.52	-2.28	3.12	10.09	3.81	10.94	14.75	
5220	0.01	-2.42	3.08	9.98	3.81	10.65	14.46	-2.24	3.13	10.09	3.81	10.99	14.80	
5240	0.01	-2.60	3.09	9.98	3.81	10.48	14.29	-2.18	3.13	10.09	3.81	11.05	14.86	
5260	0.01	-2.41	3.09	9.98	4.20	10.67	14.87	-2.55	3.13	10.09	4.20	10.68	14.88	
5300	0.01	-2.66	3.10	9.98	4.20	10.43	14.63	-2.51	3.14	10.09	4.20	10.73	14.93	
5320	0.01	-2.65	3.10	9.98	4.20	10.44	14.64	-2.54	3.15	10.09	4.20	10.71	14.91	
5500	0.01	-3.10	3.13	9.98	4.30	10.02	14.32	-2.41	3.18	10.10	4.30	10.88	15.18	
5580	0.01	-2.75	3.15	9.98	4.30	10.39	14.69	-1.85	3.20	10.10	4.30	11.46	15.76	
5700	0.01	-2.76	3.17	9.98	4.30	10.40	14.70	-2.32	3.23	10.10	4.30	11.02	15.32	
5720	0.01	-2.80	3.17	9.98	4.30	10.36	14.66	-2.50	3.23	10.10	4.30	10.84	15.14	
5745	0.01	-3.27	3.18	9.98	4.34	9.90	14.24	-2.74	3.24	10.10	4.34	10.61	14.95	
5785	0.01	-3.17	3.19	9.98	4.34	10.01	14.35	-2.95	3.25	10.10	4.34	10.41	14.75	
5825	0.01	-3.33	3.19	9.98	4.34	9.85	14.19	-2.80	3.26	10.11	4.34	10.58	14.92	

Sample Calculation:

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

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

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
 Date February 1, 2023 February 2, 2023  
 Temperature / Humidity 24 deg. C / 29 % RH 24 deg. C / 33 % RH  
 Engineer Miku Ikudome Yohsuke Matsuzawa  
 Mode Tx 11ax-20 (OFDM)

**Ant A + Ant B**

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		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
Ant A [mW]	Ant B [mW]	Ant A [mW]	Ant B [mW]											
5180	-	18.858	11.72	11.69	23.42	13.70	23.97	10.27	28.18	28.12	56.30	17.51	29.97	12.46
5220	-	18.817	12.05	12.62	24.67	13.92	23.97	10.05	28.97	30.34	59.31	17.73	29.97	12.24
5240	-	18.789	11.69	12.82	24.52	13.89	23.97	10.08	28.12	30.83	58.95	17.70	29.97	12.27
5260	20.607	18.860	12.19	11.69	23.88	13.78	23.97	10.19	32.06	30.76	62.82	17.98	29.97	11.99
5300	20.301	18.841	11.51	12.13	23.64	13.74	23.97	10.23	30.27	31.92	62.18	17.94	29.97	12.03
5320	20.485	18.839	11.40	11.89	23.29	13.67	23.97	10.30	29.99	31.26	61.25	17.87	29.97	12.10
5500	20.256	18.877	10.07	10.35	20.42	13.10	23.97	10.87	27.10	27.86	54.96	17.40	29.97	12.57
5580	20.452	18.810	12.11	13.61	25.72	14.10	23.97	9.87	32.58	36.64	69.23	18.40	29.97	11.57
5700	20.466	18.865	11.67	12.62	24.29	13.85	23.97	10.12	31.41	33.96	65.37	18.15	29.97	11.82
5720	20.631	18.821	11.80	12.27	24.08	13.82	23.97	10.15	31.77	33.04	64.81	18.12	29.97	11.85
5745	-	18.849	10.38	11.53	21.91	13.41	30.00	16.59	28.18	31.33	59.52	17.75	36.00	18.25
5785	-	18.796	10.74	11.04	21.78	13.38	30.00	16.62	29.17	29.99	59.17	17.72	36.00	18.28
5825	-	18.898	10.52	11.69	22.21	13.47	30.00	16.53	28.58	31.77	60.34	17.81	36.00	18.19

Tested Frequency [MHz]	Duty Factor [dB]	Ant A						Ant B					
		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
5180	0.00	-2.36	3.07	9.98	3.81	10.69	14.50	-2.53	3.12	10.09	3.81	10.68	14.49
5220	0.00	-2.25	3.08	9.98	3.81	10.81	14.62	-2.21	3.13	10.09	3.81	11.01	14.82
5240	0.00	-2.39	3.09	9.98	3.81	10.68	14.49	-2.14	3.13	10.09	3.81	11.08	14.89
5260	0.00	-2.21	3.09	9.98	4.20	10.86	15.06	-2.54	3.13	10.09	4.20	10.68	14.88
5300	0.00	-2.47	3.10	9.98	4.20	10.61	14.81	-2.39	3.14	10.09	4.20	10.84	15.04
5320	0.00	-2.51	3.10	9.98	4.20	10.57	14.77	-2.49	3.15	10.09	4.20	10.75	14.95
5500	0.00	-3.08	3.13	9.98	4.30	10.03	14.33	-3.13	3.18	10.10	4.30	10.15	14.45
5580	0.00	-2.30	3.15	9.98	4.30	10.83	15.13	-1.96	3.20	10.10	4.30	11.34	15.64
5700	0.00	-2.48	3.17	9.98	4.30	10.67	14.97	-2.32	3.23	10.10	4.30	11.01	15.31
5720	0.00	-2.43	3.17	9.98	4.30	10.72	15.02	-2.44	3.23	10.10	4.30	10.89	15.19
5745	0.00	-3.00	3.18	9.98	4.34	10.16	14.50	-2.72	3.24	10.10	4.34	10.62	14.96
5785	0.00	-2.86	3.19	9.98	4.34	10.31	14.65	-2.92	3.25	10.10	4.34	10.43	14.77
5825	0.00	-2.95	3.19	9.98	4.34	10.22	14.56	-2.69	3.26	10.11	4.34	10.68	15.02

Sample Calculation:

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

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

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

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
Date February 11, 2023  
Temperature / Humidity 22 deg. C / 37 % RH  
Engineer Akihiro Oda  
Mode Tx 11ax-20 (OFDMA) 26-tone RU

Ant A + Ant B

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]
				Ant A [mW]	Ant B [mW]	Sum [mW]				Ant A [mW]	Ant B [mW]	Sum [mW]			
5180	0	-	18.202	0.77	0.80	1.57	1.96	23.97	22.01	1.86	1.91	3.77	5.77	29.97	24.20
	4	-	16.954	0.81	0.84	1.65	2.19	23.97	21.78	1.96	2.02	3.98	6.00	29.97	23.97
	8	-	18.148	0.73	0.78	1.51	1.79	23.97	22.18	1.75	1.87	3.63	5.60	29.97	24.37
5220	0	-	18.235	0.81	0.91	1.72	2.36	23.97	21.61	1.96	2.18	4.14	6.17	29.97	23.80
	4	-	16.924	0.85	0.94	1.79	2.52	23.97	21.45	2.03	2.26	4.29	6.33	29.97	23.64
	8	-	18.164	0.77	0.90	1.67	2.23	23.97	21.74	1.85	2.17	4.02	6.04	29.97	23.93
5240	0	-	18.207	0.78	0.90	1.68	2.25	23.97	21.72	1.87	2.16	4.03	6.06	29.97	23.91
	4	-	16.543	0.80	0.96	1.76	2.46	23.97	21.51	1.93	2.31	4.24	6.27	29.97	23.70
	8	-	18.198	0.79	0.91	1.70	2.30	23.97	21.67	1.91	2.18	4.08	6.11	29.97	23.86
5260	0	19.199	18.199	0.74	0.75	1.49	1.73	23.83	22.10	1.94	1.97	3.91	5.93	29.97	24.04
	4	18.034	16.867	0.75	0.82	1.57	1.97	23.56	21.59	1.97	2.17	4.14	6.17	29.97	23.80
	8	19.169	18.164	0.75	0.77	1.52	1.81	23.82	22.01	1.97	2.02	3.99	6.01	29.97	23.96
5300	0	19.159	18.224	0.76	0.81	1.58	1.98	23.82	21.84	2.00	2.14	4.15	6.18	29.97	23.79
	4	18.016	16.946	0.79	0.86	1.66	2.19	23.55	21.36	2.08	2.27	4.35	6.39	29.97	23.58
	8	19.185	18.177	0.76	0.84	1.60	2.04	23.82	21.78	2.00	2.20	4.21	6.24	29.97	23.73
5320	0	19.080	18.201	0.74	0.87	1.61	2.07	23.80	21.73	1.95	2.29	4.24	6.27	29.97	23.70
	4	18.005	16.944	0.81	0.89	1.69	2.29	23.55	21.26	2.13	2.33	4.46	6.49	29.97	23.48
	8	19.239	18.171	0.77	0.85	1.62	2.09	23.84	21.75	2.02	2.23	4.26	6.29	29.97	23.68

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Ant A					Ant B						
			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	-14.17	3.07	9.98	3.81	-1.12	2.69	-14.20	3.12	10.09	3.81	-0.99	2.82
	4	0.00	-13.94	3.07	9.98	3.81	-0.89	2.92	-13.97	3.12	10.09	3.81	-0.76	3.05
	8	0.00	-14.42	3.07	9.98	3.81	-1.37	2.44	-14.29	3.12	10.09	3.81	-1.08	2.73
5220	0	0.00	-13.95	3.08	9.98	3.81	-0.89	2.92	-13.64	3.13	10.09	3.81	-0.42	3.39
	4	0.00	-13.79	3.08	9.98	3.81	-0.73	3.08	-13.49	3.13	10.09	3.81	-0.27	3.54
	8	0.00	-14.21	3.08	9.98	3.81	-1.15	2.66	-13.66	3.13	10.09	3.81	-0.44	3.37
5240	0	0.00	-14.16	3.09	9.98	3.81	-1.09	2.72	-13.68	3.13	10.09	3.81	-0.46	3.35
	4	0.00	-14.03	3.09	9.98	3.81	-0.96	2.85	-13.39	3.13	10.09	3.81	-0.17	3.64
	8	0.00	-14.08	3.09	9.98	3.81	-1.01	2.80	-13.65	3.13	10.09	3.81	-0.43	3.38
5260	0	0.00	-14.39	3.09	9.98	4.20	-1.32	2.88	-14.46	3.12	10.09	4.20	-1.25	2.95
	4	0.00	-14.32	3.09	9.98	4.20	-1.25	2.95	-14.05	3.12	10.09	4.20	-0.84	3.36
	8	0.00	-14.32	3.09	9.98	4.20	-1.25	2.95	-14.36	3.12	10.09	4.20	-1.15	3.05
5300	0	0.00	-14.26	3.10	9.98	4.20	-1.18	3.02	-14.11	3.13	10.09	4.20	-0.89	3.31
	4	0.00	-14.09	3.10	9.98	4.20	-1.01	3.19	-13.86	3.13	10.09	4.20	-0.64	3.56
	8	0.00	-14.26	3.10	9.98	4.20	-1.18	3.02	-13.99	3.13	10.09	4.20	-0.77	3.43
5320	0	0.00	-14.38	3.10	9.98	4.20	-1.30	2.90	-13.82	3.13	10.09	4.20	-0.60	3.60
	4	0.00	-14.00	3.10	9.98	4.20	-0.92	3.28	-13.75	3.13	10.09	4.20	-0.53	3.67
	8	0.00	-14.22	3.10	9.98	4.20	-1.14	3.06	-13.93	3.13	10.09	4.20	-0.71	3.49

Sample Calculation:

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

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

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 test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
Date February 11, 2023  
Temperature / Humidity 22 deg. C / 37 % RH  
Engineer Akihiro Oda  
Mode Tx 11ax-20 (OFDMA) 26-tone RU

Ant A + Ant B

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.					
				Ant A [mW]	Ant B [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Ant A [mW]	Ant B [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5500	0	19.187	18.356	0.73	0.81	1.54	1.87	23.83	21.96	1.98	2.17	4.14	6.17	29.97	23.80
	4	18.046	16.995	0.75	0.85	1.60	2.04	23.56	21.52	2.02	2.29	4.31	6.34	29.97	23.63
	8	19.254	18.138	0.73	0.81	1.54	1.87	23.84	21.97	1.97	2.17	4.14	6.17	29.97	23.80
5580	0	19.243	18.322	0.78	0.87	1.65	2.19	23.84	21.65	2.10	2.35	4.45	6.49	29.97	23.48
	4	18.071	16.901	0.85	0.89	1.75	2.42	23.56	21.14	2.30	2.40	4.70	6.72	29.97	23.25
	8	19.224	18.182	0.81	0.90	1.71	2.33	23.83	21.50	2.18	2.43	4.60	6.63	29.97	23.34
5700	0	19.229	18.313	0.87	0.89	1.75	2.44	23.83	21.39	2.34	2.38	4.72	6.74	29.97	23.23
	4	18.010	16.933	0.92	0.97	1.89	2.76	23.55	20.79	2.48	2.60	5.08	7.06	29.97	22.91
	8	19.269	18.157	0.87	0.92	1.79	2.54	23.84	21.30	2.35	2.48	4.83	6.84	29.97	23.13
5720	0	19.299	18.328	0.90	0.97	1.88	2.73	23.85	21.12	2.43	2.62	5.05	7.03	29.97	22.94
	4	18.068	16.915	0.94	1.00	1.94	2.89	23.56	20.67	2.53	2.70	5.23	7.19	29.97	22.78
	8	19.251	18.240	0.89	0.95	1.84	2.65	23.84	21.19	2.40	2.55	4.95	6.95	29.97	23.02
5745	0	-	18.299	0.69	0.82	1.51	1.80	30.00	28.20	1.87	2.24	4.11	6.14	36.00	29.86
	4	-	16.895	0.69	0.83	1.52	1.82	30.00	28.18	1.87	2.25	4.13	6.16	36.00	29.84
	8	-	18.176	0.66	0.80	1.47	1.67	30.00	28.33	1.80	2.18	3.99	6.01	36.00	29.99
5785	0	-	18.329	0.69	0.83	1.52	1.82	30.00	28.18	1.88	2.25	4.13	6.16	36.00	29.84
	4	-	16.925	0.77	0.85	1.62	2.10	30.00	27.90	2.09	2.32	4.41	6.44	36.00	29.56
	8	-	18.187	0.74	0.84	1.58	1.98	30.00	28.02	2.00	2.28	4.28	6.32	36.00	29.68
5825	0	-	18.340	0.69	0.81	1.50	1.77	30.00	28.23	1.87	2.21	4.08	6.11	36.00	29.89
	4	-	16.893	0.74	0.79	1.52	1.83	30.00	28.17	2.00	2.13	4.14	6.17	36.00	29.83
	8	-	18.255	0.72	0.73	1.45	1.61	30.00	28.39	1.95	1.98	3.93	5.95	36.00	30.05

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Ant A						Ant B					
			Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Power [dBm]	e.i.r.p. [dBm]
5500	0	0.00	-14.45	3.13	9.98	4.30	-1.34	2.96	-14.22	3.18	10.10	4.30	-0.94	3.36
	4	0.00	-14.35	3.13	9.98	4.30	-1.24	3.06	-13.99	3.18	10.10	4.30	-0.71	3.59
	8	0.00	-14.47	3.13	9.98	4.30	-1.36	2.94	-14.21	3.18	10.10	4.30	-0.93	3.37
5580	0	0.00	-14.20	3.15	9.98	4.30	-1.07	3.23	-13.89	3.20	10.10	4.30	-0.59	3.71
	4	0.00	-13.82	3.15	9.98	4.30	-0.69	3.61	-13.79	3.20	10.10	4.30	-0.49	3.81
	8	0.00	-14.05	3.15	9.98	4.30	-0.92	3.38	-13.75	3.20	10.10	4.30	-0.45	3.85
5700	0	0.00	-13.76	3.17	9.98	4.30	-0.61	3.69	-13.86	3.23	10.10	4.30	-0.53	3.77
	4	0.00	-13.51	3.17	9.98	4.30	-0.36	3.94	-13.48	3.23	10.10	4.30	-0.15	4.15
	8	0.00	-13.74	3.17	9.98	4.30	-0.59	3.71	-13.69	3.23	10.10	4.30	-0.36	3.94
5720	0	0.00	-13.60	3.17	9.98	4.30	-0.45	3.85	-13.44	3.23	10.10	4.30	-0.11	4.19
	4	0.00	-13.42	3.17	9.98	4.30	-0.27	4.03	-13.31	3.23	10.10	4.30	0.02	4.32
	8	0.00	-13.64	3.17	9.98	4.30	-0.49	3.81	-13.57	3.23	10.10	4.30	-0.24	4.06
5745	0	0.00	-14.77	3.18	9.98	4.34	-1.61	2.73	-14.18	3.24	10.10	4.34	-0.84	3.50
	4	0.00	-14.77	3.18	9.98	4.34	-1.61	2.73	-14.15	3.24	10.10	4.34	-0.81	3.53
	8	0.00	-14.94	3.18	9.98	4.34	-1.78	2.56	-14.29	3.24	10.10	4.34	-0.95	3.39
5785	0	0.00	-14.77	3.19	9.98	4.34	-1.60	2.74	-14.16	3.25	10.10	4.34	-0.81	3.53
	4	0.00	-14.31	3.19	9.98	4.34	-1.14	3.20	-14.04	3.25	10.10	4.34	-0.69	3.65
	8	0.00	-14.49	3.19	9.98	4.34	-1.32	3.02	-14.11	3.25	10.10	4.34	-0.76	3.58
5825	0	0.00	-14.79	3.19	9.98	4.34	-1.62	2.72	-14.27	3.26	10.11	4.34	-0.90	3.44
	4	0.00	-14.49	3.19	9.98	4.34	-1.32	3.02	-14.42	3.26	10.11	4.34	-1.05	3.29
	8	0.00	-14.60	3.19	9.98	4.34	-1.43	2.91	-14.75	3.26	10.11	4.34	-1.38	2.96

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 test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
Date February 11, 2023  
Temperature / Humidity 22 deg. C / 37 % RH  
Engineer Akihiro Oda  
Mode Tx 11ax-20 (OFDMA) 52-tone RU

Ant A + Ant B

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]
				Ant A [mW]	Ant B [mW]	Sum [mW]				Ant A [mW]	Ant B [mW]	Sum [mW]			
5180	37	-	18.194	1.64	1.71	3.36	5.25	23.97	18.72	3.95	4.12	8.07	9.07	29.97	20.90
	38	-	16.845	1.79	1.83	3.62	5.59	23.97	18.38	4.32	4.40	8.71	9.40	29.97	20.57
	40	-	18.049	1.62	1.70	3.32	5.21	23.97	18.76	3.89	4.08	7.97	9.02	29.97	20.95
5220	37	-	18.184	1.77	1.91	3.68	5.66	23.97	18.31	4.26	4.59	8.85	9.47	29.97	20.50
	38	-	16.881	1.97	2.10	4.07	6.10	23.97	17.87	4.73	5.05	9.78	9.90	29.97	20.07
	40	-	18.063	1.68	1.90	3.58	5.54	23.97	18.43	4.04	4.57	8.61	9.35	29.97	20.62
5240	37	-	18.221	1.71	1.95	3.66	5.63	23.97	18.34	4.10	4.70	8.80	9.45	29.97	20.52
	38	-	16.884	1.83	2.00	3.83	5.83	23.97	18.14	4.40	4.81	9.20	9.64	29.97	20.33
	40	-	18.055	1.66	1.94	3.60	5.56	23.97	18.41	3.99	4.67	8.66	9.37	29.97	20.60
5260	37	19.388	18.211	1.63	1.67	3.31	5.19	23.87	18.68	4.30	4.41	8.70	9.40	29.97	20.57
	38	18.042	16.894	1.80	1.84	3.64	5.61	23.56	17.95	4.73	4.84	9.57	9.81	29.97	20.16
	40	19.210	18.036	1.64	1.68	3.32	5.21	23.83	18.62	4.31	4.43	8.73	9.41	29.97	20.56
5300	37	19.212	18.185	1.64	1.83	3.47	5.40	23.83	18.43	4.32	4.81	9.12	9.60	29.97	20.37
	38	18.104	16.897	1.77	2.04	3.81	5.81	23.57	17.76	4.66	5.37	10.03	10.01	29.97	19.96
	40	19.297	18.078	1.60	1.82	3.42	5.34	23.85	18.51	4.20	4.79	8.98	9.53	29.97	20.44
5320	37	19.257	18.145	1.64	1.84	3.48	5.42	23.84	18.42	4.31	4.84	9.15	9.61	29.97	20.36
	38	18.137	16.857	1.78	2.02	3.81	5.80	23.58	17.78	4.69	5.32	10.01	10.00	29.97	19.97
	40	19.178	18.149	1.60	1.85	3.45	5.38	23.82	18.44	4.21	4.86	9.07	9.58	29.97	20.39

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Ant A					Ant B						
			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	-10.89	3.07	9.98	3.81	2.16	5.97	-10.87	3.12	10.09	3.81	2.34	6.15
	38	0.00	-10.51	3.07	9.98	3.81	2.54	6.35	-10.59	3.12	10.09	3.81	2.62	6.43
	40	0.00	-10.96	3.07	9.98	3.81	2.09	5.90	-10.91	3.12	10.09	3.81	2.30	6.11
5220	37	0.00	-10.58	3.08	9.98	3.81	2.48	6.29	-10.41	3.13	10.09	3.81	2.81	6.62
	38	0.00	-10.12	3.08	9.98	3.81	2.94	6.75	-10.00	3.13	10.09	3.81	3.22	7.03
	40	0.00	-10.81	3.08	9.98	3.81	2.25	6.06	-10.43	3.13	10.09	3.81	2.79	6.60
5240	37	0.00	-10.75	3.09	9.98	3.81	2.32	6.13	-10.31	3.13	10.09	3.81	2.91	6.72
	38	0.00	-10.45	3.09	9.98	3.81	2.62	6.43	-10.21	3.13	10.09	3.81	3.01	6.82
	40	0.00	-10.87	3.09	9.98	3.81	2.20	6.01	-10.34	3.13	10.09	3.81	2.88	6.69
5260	37	0.00	-10.94	3.09	9.98	4.20	2.13	6.33	-10.98	3.13	10.09	4.20	2.24	6.44
	38	0.00	-10.52	3.09	9.98	4.20	2.55	6.75	-10.57	3.13	10.09	4.20	2.65	6.85
	40	0.00	-10.93	3.09	9.98	4.20	2.14	6.34	-10.96	3.13	10.09	4.20	2.26	6.46
5300	37	0.00	-10.93	3.10	9.98	4.20	2.15	6.35	-10.61	3.14	10.09	4.20	2.62	6.82
	38	0.00	-10.60	3.10	9.98	4.20	2.48	6.68	-10.13	3.14	10.09	4.20	3.10	7.30
	40	0.00	-11.05	3.10	9.98	4.20	2.03	6.23	-10.63	3.14	10.09	4.20	2.60	6.80
5320	37	0.00	-10.94	3.10	9.98	4.20	2.14	6.34	-10.59	3.15	10.09	4.20	2.65	6.85
	38	0.00	-10.57	3.10	9.98	4.20	2.51	6.71	-10.18	3.15	10.09	4.20	3.06	7.26
	40	0.00	-11.04	3.10	9.98	4.20	2.04	6.24	-10.57	3.15	10.09	4.20	2.67	6.87

Sample Calculation:

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

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

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) = 1W

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.



### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
Date February 11, 2023  
Temperature / Humidity 22 deg. C / 37 % RH  
Engineer Akihiro Oda  
Mode Tx 11ax-20 (OFDMA) 52-tone RU

Ant A + Ant B

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]
				Ant A [mW]	Ant B [mW]	Sum [mW]				Ant A [mW]	Ant B [mW]	Sum [mW]			
5500	37	19.310	18.162	1.36	1.29	2.65	4.23	23.85	19.62	3.66	3.48	7.13	8.53	29.97	21.44
	38	18.094	16.936	1.46	1.47	2.92	4.67	23.57	18.90	3.93	3.94	7.87	8.96	29.97	21.01
	40	19.172	18.002	1.30	1.36	2.66	4.25	23.82	19.57	3.50	3.66	7.16	8.55	29.97	21.42
5580	37	19.415	18.109	1.50	1.80	3.30	5.19	23.88	18.69	4.04	4.85	8.89	9.49	29.97	20.48
	38	18.048	16.963	1.70	1.99	3.69	5.67	23.56	17.89	4.57	5.36	9.93	9.97	29.97	20.00
	40	19.243	18.009	1.50	1.89	3.39	5.30	23.84	18.54	4.04	5.09	9.13	9.60	29.97	20.37
5700	37	19.327	18.080	1.79	2.03	3.82	5.82	23.86	18.04	4.81	5.47	10.28	10.12	29.97	19.85
	38	18.082	16.918	1.71	1.91	3.62	5.59	23.57	17.98	4.60	5.13	9.73	9.88	29.97	20.09
	40	19.281	18.058	1.79	2.00	3.79	5.79	23.85	18.06	4.81	5.40	10.20	10.09	29.97	19.88
5720	37	19.339	18.138	1.83	2.08	3.91	5.92	23.86	17.94	4.92	5.60	10.52	10.22	29.97	19.75
	38	18.021	16.923	1.97	2.32	4.29	6.32	23.55	17.23	5.30	6.24	11.53	10.62	29.97	19.35
	40	19.256	18.033	1.83	2.07	3.90	5.91	23.84	17.93	4.92	5.57	10.49	10.21	29.97	19.76
5745	37	-	18.100	1.43	1.60	3.02	4.81	30.00	25.19	3.88	4.34	8.22	9.15	36.00	26.85
	38	-	16.968	1.56	1.73	3.29	5.17	30.00	24.83	4.25	4.70	8.95	9.52	36.00	26.48
	40	-	18.041	1.47	1.58	3.04	4.84	30.00	25.16	3.98	4.29	8.27	9.17	36.00	26.83
5785	37	-	18.124	1.56	1.67	3.23	5.09	30.00	24.91	4.24	4.55	8.79	9.44	36.00	26.56
	38	-	16.903	1.71	1.82	3.53	5.48	30.00	24.52	4.63	4.94	9.58	9.81	36.00	26.19
	40	-	17.978	1.59	1.46	3.05	4.84	30.00	25.16	4.32	3.97	8.29	9.18	36.00	26.82
5825	37	-	18.064	1.49	1.69	3.17	5.02	30.00	24.98	4.04	4.58	8.62	9.35	36.00	26.65
	38	-	16.906	1.66	1.79	3.45	5.38	30.00	24.62	4.51	4.85	9.36	9.71	36.00	26.29
	40	-	18.103	1.55	1.55	3.10	4.91	30.00	25.09	4.21	4.22	8.42	9.26	36.00	26.74

Tested Frequency [MHz]	RU Index	Ant A						Ant B						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
5500	37	0.00	-11.78	3.13	9.98	4.30	1.33	5.63	-12.17	3.18	10.10	4.30	1.11	5.41
	38	0.00	-11.47	3.13	9.98	4.30	1.64	5.94	-11.62	3.18	10.10	4.30	1.66	5.96
	40	0.00	-11.97	3.13	9.98	4.30	1.14	5.44	-11.95	3.18	10.10	4.30	1.33	5.63
5580	37	0.00	-11.37	3.15	9.98	4.30	1.76	6.06	-10.74	3.20	10.10	4.30	2.56	6.86
	38	0.00	-10.83	3.15	9.98	4.30	2.30	6.60	-10.31	3.20	10.10	4.30	2.99	7.29
	40	0.00	-11.37	3.15	9.98	4.30	1.76	6.06	-10.53	3.20	10.10	4.30	2.77	7.07
5700	37	0.00	-10.63	3.17	9.98	4.30	2.52	6.82	-10.25	3.23	10.10	4.30	3.08	7.38
	38	0.00	-10.82	3.17	9.98	4.30	2.33	6.63	-10.53	3.23	10.10	4.30	2.80	7.10
	40	0.00	-10.63	3.17	9.98	4.30	2.52	6.82	-10.31	3.23	10.10	4.30	3.02	7.32
5720	37	0.00	-10.53	3.17	9.98	4.30	2.62	6.92	-10.15	3.23	10.10	4.30	3.18	7.48
	38	0.00	-10.21	3.17	9.98	4.30	2.94	7.24	-9.68	3.23	10.10	4.30	3.65	7.95
	40	0.00	-10.53	3.17	9.98	4.30	2.62	6.92	-10.17	3.23	10.10	4.30	3.16	7.46
5745	37	0.00	-11.61	3.18	9.98	4.34	1.55	5.89	-11.31	3.24	10.10	4.34	2.03	6.37
	38	0.00	-11.22	3.18	9.98	4.34	1.94	6.28	-10.96	3.24	10.10	4.34	2.38	6.72
	40	0.00	-11.50	3.18	9.98	4.34	1.66	6.00	-11.36	3.24	10.10	4.34	1.98	6.32
5785	37	0.00	-11.24	3.19	9.98	4.34	1.93	6.27	-11.11	3.25	10.10	4.34	2.24	6.58
	38	0.00	-10.85	3.19	9.98	4.34	2.32	6.66	-10.75	3.25	10.10	4.34	2.60	6.94
	40	0.00	-11.16	3.19	9.98	4.34	2.01	6.35	-11.70	3.25	10.10	4.34	1.65	5.99
5825	37	0.00	-11.45	3.19	9.98	4.34	1.72	6.06	-11.10	3.26	10.11	4.34	2.27	6.61
	38	0.00	-10.97	3.19	9.98	4.34	2.20	6.54	-10.85	3.26	10.11	4.34	2.52	6.86
	40	0.00	-11.27	3.19	9.98	4.34	1.90	6.24	-11.46	3.26	10.11	4.34	1.91	6.25

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) = 1W

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
Date February 11, 2023  
Temperature / Humidity 22 deg. C / 37 % RH  
Engineer Akihiro Oda  
Mode Tx 11ax-20 (OFDMA) 106-tone RU

Ant A + Ant B

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		Sum	Result	Limit	Margin	Antenna		Sum	Result	Limit	Margin
				Ant A [mW]	Ant B [mW]					Ant A [mW]	Ant B [mW]				
5180	53	-	18.051	3.55	3.57	7.12	8.52	23.97	15.45	8.53	8.59	17.12	12.34	29.97	17.63
	54	-	17.993	3.48	3.66	7.14	8.54	23.97	15.43	8.38	8.79	17.17	12.35	29.97	17.62
5220	53	-	18.033	3.80	4.09	7.89	8.97	23.97	15.00	9.14	9.84	18.98	12.78	29.97	17.19
	54	-	18.012	3.60	4.06	7.66	8.84	23.97	15.13	8.65	9.77	18.42	12.65	29.97	17.32
5240	53	-	18.018	3.65	4.14	7.79	8.92	23.97	15.05	8.77	9.95	18.72	12.72	29.97	17.25
	54	-	17.995	3.52	4.08	7.61	8.81	23.97	15.16	8.47	9.82	18.29	12.62	29.97	17.35
5260	53	19.386	18.035	3.58	3.56	7.15	8.54	23.87	15.33	9.42	9.38	18.79	12.74	29.97	17.23
	54	19.335	17.991	3.59	3.73	7.32	8.65	23.86	15.21	9.44	9.82	19.26	12.85	29.97	17.12
5300	53	19.279	18.044	3.44	3.78	7.21	8.59	23.85	15.26	9.04	9.93	18.97	12.78	29.97	17.19
	54	19.304	17.932	3.45	3.74	7.19	8.57	23.85	15.28	9.08	9.84	18.92	12.77	29.97	17.20
5320	53	19.334	18.041	3.49	3.79	7.28	8.62	23.86	15.24	9.18	9.98	19.16	12.82	29.97	17.15
	54	19.335	17.997	3.44	3.77	7.21	8.58	23.86	15.28	9.06	9.91	18.97	12.78	29.97	17.19

Tested Frequency [MHz]	RU Index	Ant A							Ant B						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	
5180	53	0.00	-7.55	3.07	9.98	3.81	5.50	9.31	-7.68	3.12	10.09	3.81	5.53	9.34	
	54	0.00	-7.63	3.07	9.98	3.81	5.42	9.23	-7.58	3.12	10.09	3.81	5.63	9.44	
5220	53	0.00	-7.26	3.08	9.98	3.81	5.80	9.61	-7.10	3.13	10.09	3.81	6.12	9.93	
	54	0.00	-7.50	3.08	9.98	3.81	5.56	9.37	-7.13	3.13	10.09	3.81	6.09	9.90	
5240	53	0.00	-7.45	3.09	9.98	3.81	5.62	9.43	-7.05	3.13	10.09	3.81	6.17	9.98	
	54	0.00	-7.60	3.09	9.98	3.81	5.47	9.28	-7.11	3.13	10.09	3.81	6.11	9.92	
5260	53	0.00	-7.53	3.09	9.98	4.20	5.54	9.74	-7.70	3.13	10.09	4.20	5.52	9.72	
	54	0.00	-7.52	3.09	9.98	4.20	5.55	9.75	-7.50	3.13	10.09	4.20	5.72	9.92	
5300	53	0.00	-7.72	3.10	9.98	4.20	5.36	9.56	-7.46	3.14	10.09	4.20	5.77	9.97	
	54	0.00	-7.70	3.10	9.98	4.20	5.38	9.58	-7.50	3.14	10.09	4.20	5.73	9.93	
5320	53	0.00	-7.65	3.10	9.98	4.20	5.43	9.63	-7.45	3.15	10.09	4.20	5.79	9.99	
	54	0.00	-7.71	3.10	9.98	4.20	5.37	9.57	-7.48	3.15	10.09	4.20	5.76	9.96	

Sample Calculation:

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

e.i.r.p. Result = Conducted Power Result + 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) = 1W

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
Date February 11, 2023  
Temperature / Humidity 22 deg. C / 37 % RH  
Engineer Akihiro Oda  
Mode Tx 11ax-20 (OFDMA) 106-tone RU

Ant A + Ant B

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]
				Ant A [mW]	Ant B [mW]	Sum [mW]				Ant A [mW]	Ant B [mW]	Sum [mW]			
5500	53	19.475	18.062	2.88	2.94	5.83	7.65	23.89	16.24	7.76	7.93	15.69	11.96	29.97	18.01
	54	19.302	17.997	2.88	3.03	5.92	7.72	23.85	16.13	7.76	8.17	15.93	12.02	29.97	17.95
5580	53	19.317	18.048	3.18	3.45	6.63	8.22	23.85	15.63	8.55	9.29	17.84	12.51	29.97	17.46
	54	19.486	17.989	3.34	3.81	7.15	8.54	23.89	15.35	8.99	10.26	19.25	12.84	29.97	17.13
5700	53	19.395	18.029	3.10	3.30	6.40	8.06	23.87	15.81	8.36	8.87	17.23	12.36	29.97	17.61
	54	19.352	17.989	3.11	3.22	6.33	8.01	23.86	15.85	8.38	8.67	17.04	12.32	29.97	17.65
5720	53	19.223	18.049	3.05	3.34	6.40	8.06	23.83	15.77	8.22	8.99	17.22	12.36	29.97	17.61
	54	19.189	17.962	3.12	3.21	6.33	8.01	23.83	15.82	8.39	8.65	17.04	12.32	29.97	17.65
5745	53	-	18.067	3.12	3.84	6.96	8.42	30.00	21.58	8.47	10.42	18.90	12.76	36.00	23.24
	54	-	17.993	3.13	3.80	6.94	8.41	30.00	21.59	8.51	10.33	18.84	12.75	36.00	23.25
5785	53	-	18.064	3.28	3.66	6.94	8.41	30.00	21.59	8.91	9.93	18.84	12.75	36.00	23.25
	54	-	17.988	3.40	3.61	7.02	8.46	30.00	21.54	9.25	9.82	19.06	12.80	36.00	23.20
5825	53	-	18.035	3.20	3.69	6.89	8.38	30.00	21.62	8.69	10.02	18.71	12.72	36.00	23.28
	54	-	18.005	3.24	3.50	6.74	8.28	30.00	21.72	8.79	9.51	18.30	12.62	36.00	23.38

Tested Frequency [MHz]	RU Index	Ant A						Ant B						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result		Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result	
							Cond. Power [dBm]	e.i.r.p. [dBm]					Cond. Power [dBm]	e.i.r.p. [dBm]
5500	53	0.00	-8.51	3.13	9.98	4.30	4.60	8.90	-8.59	3.18	10.10	4.30	4.69	8.99
	54	0.00	-8.51	3.13	9.98	4.30	4.60	8.90	-8.46	3.18	10.10	4.30	4.82	9.12
5580	53	0.00	-8.11	3.15	9.98	4.30	5.02	9.32	-7.92	3.20	10.10	4.30	5.38	9.68
	54	0.00	-7.89	3.15	9.98	4.30	5.24	9.54	-7.49	3.20	10.10	4.30	5.81	10.11
5700	53	0.00	-8.23	3.17	9.98	4.30	4.92	9.22	-8.15	3.23	10.10	4.30	5.18	9.48
	54	0.00	-8.22	3.17	9.98	4.30	4.93	9.23	-8.25	3.23	10.10	4.30	5.08	9.38
5720	53	0.00	-8.30	3.17	9.98	4.30	4.85	9.15	-8.09	3.23	10.10	4.30	5.24	9.54
	54	0.00	-8.21	3.17	9.98	4.30	4.94	9.24	-8.26	3.23	10.10	4.30	5.07	9.37
5745	53	0.00	-8.22	3.18	9.98	4.34	4.94	9.28	-7.50	3.24	10.10	4.34	5.84	10.18
	54	0.00	-8.20	3.18	9.98	4.34	4.96	9.30	-7.54	3.24	10.10	4.34	5.80	10.14
5785	53	0.00	-8.01	3.19	9.98	4.34	5.16	9.50	-7.72	3.25	10.10	4.34	5.63	9.97
	54	0.00	-7.85	3.19	9.98	4.34	5.32	9.66	-7.77	3.25	10.10	4.34	5.58	9.92
5825	53	0.00	-8.12	3.19	9.98	4.34	5.05	9.39	-7.70	3.26	10.11	4.34	5.67	10.01
	54	0.00	-8.07	3.19	9.98	4.34	5.10	9.44	-7.93	3.26	10.11	4.34	5.44	9.78

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) = 1W

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.1 Measurement Room  
Date February 11, 2023  
Temperature / Humidity 22 deg. C / 37 % RH  
Engineer Akihiro Oda  
Mode Tx 11ax-20 (OFDMA) 242-tone RU

Ant A + Ant B

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]
				Ant A [mW]	Ant B [mW]	Sum [mW]				Ant A [mW]	Ant B [mW]	Sum [mW]			
5180	61	-	18.800	12.97	12.39	25.36	14.04	23.97	9.93	31.19	29.79	60.97	17.85	29.97	12.12
5220	61	-	18.776	12.50	13.12	25.62	14.09	23.97	9.88	30.06	31.55	61.61	17.90	29.97	12.07
5240	61	-	18.798	11.61	12.74	24.35	13.86	23.97	10.11	27.93	30.62	58.55	17.67	29.97	12.30
5260	61	20.416	18.801	11.91	12.36	24.27	13.85	23.97	10.12	31.33	32.51	63.84	18.05	29.97	11.92
5300	61	20.456	18.782	11.35	12.16	23.51	13.71	23.97	10.26	29.85	31.99	61.84	17.91	29.97	12.06
5320	61	20.418	18.791	10.74	12.02	22.76	13.57	23.97	10.40	28.25	31.62	59.87	17.77	29.97	12.20
5500	61	20.320	18.785	7.19	7.94	15.14	11.80	23.97	12.17	19.36	21.38	40.74	16.10	29.97	13.87
5580	61	20.348	18.807	7.74	9.75	17.49	12.43	23.97	11.54	20.84	26.24	47.09	16.73	29.97	13.24
5700	61	20.307	18.788	6.84	8.34	15.18	11.81	23.97	12.16	18.41	22.44	40.85	16.11	29.97	13.86
5720	61	20.429	18.821	6.68	8.36	15.04	11.77	23.97	12.20	17.99	22.49	40.48	16.07	29.97	13.90
5745	61	-	18.789	5.41	6.98	12.39	10.93	30.00	19.07	14.69	18.97	33.66	15.27	36.00	20.73
5785	61	-	18.795	5.47	6.40	11.87	10.74	30.00	19.26	14.86	17.38	32.24	15.08	36.00	20.92
5825	61	-	18.800	5.07	6.11	11.18	10.48	30.00	19.52	13.77	16.60	30.37	14.82	36.00	21.18

Tested Frequency [MHz]	RU Index	Ant A						Ant B						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]
5180	61	0.00	-1.92	3.07	9.98	3.81	11.13	14.94	-2.28	3.12	10.09	3.81	10.93	14.74
5220	61	0.00	-2.09	3.08	9.98	3.81	10.97	14.78	-2.04	3.13	10.09	3.81	11.18	14.99
5240	61	0.00	-2.42	3.09	9.98	3.81	10.65	14.46	-2.17	3.13	10.09	3.81	11.05	14.86
5260	61	0.00	-2.31	3.09	9.98	4.20	10.76	14.96	-2.30	3.13	10.09	4.20	10.92	15.12
5300	61	0.00	-2.53	3.10	9.98	4.20	10.55	14.75	-2.38	3.14	10.09	4.20	10.85	15.05
5320	61	0.00	-2.77	3.10	9.98	4.20	10.31	14.51	-2.44	3.15	10.09	4.20	10.80	15.00
5500	61	0.00	-4.54	3.13	9.98	4.30	8.57	12.87	-4.28	3.18	10.10	4.30	9.00	13.30
5580	61	0.00	-4.24	3.15	9.98	4.30	8.89	13.19	-3.41	3.20	10.10	4.30	9.89	14.19
5700	61	0.00	-4.80	3.17	9.98	4.30	8.35	12.65	-4.12	3.23	10.10	4.30	9.21	13.51
5720	61	0.00	-4.90	3.17	9.98	4.30	8.25	12.55	-4.11	3.23	10.10	4.30	9.22	13.52
5745	61	0.00	-5.83	3.18	9.98	4.34	7.33	11.67	-4.90	3.24	10.10	4.34	8.44	12.78
5785	61	0.00	-5.79	3.19	9.98	4.34	7.38	11.72	-5.29	3.25	10.10	4.34	8.06	12.40
5825	61	0.00	-6.12	3.19	9.98	4.34	7.05	11.39	-5.51	3.26	10.11	4.34	7.86	12.20

Sample Calculation:

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

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

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

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

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

## Maximum Conducted Output Power

Test place                      Shonan EMC Lab. No.5 Shielded Room  
Date                                April 19, 2023  
Temperature / Humidity        25 deg. C / 41 % RH  
Engineer                         Miku Ikudome  
Mode                                Tx 11ax-20 (OFDM), pre-correction

**Ant A + Ant B**

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]
			Ant A [mW]	Ant B [mW]	Sum [mW]				Ant A [mW]	Ant B [mW]	Sum [mW]			
5180	-	18.858	0.15	0.17	0.33	-4.85	23.97	28.82	0.37	0.41	0.79	-1.04	29.97	31.01
5220	-	18.817	0.17	0.20	0.36	-4.38	23.97	28.35	0.40	0.48	0.88	-0.57	29.97	30.54
5240	-	18.789	0.17	0.20	0.37	-4.35	23.97	28.32	0.40	0.49	0.88	-0.54	29.97	30.51
5260	20.607	18.860	0.16	0.18	0.34	-4.63	23.97	28.60	0.42	0.48	0.91	-0.43	29.97	30.40
5300	20.301	18.841	0.16	0.20	0.36	-4.48	23.97	28.45	0.42	0.52	0.94	-0.28	29.97	30.25
5320	20.485	18.839	0.16	0.20	0.36	-4.46	23.97	28.43	0.42	0.52	0.94	-0.26	29.97	30.23
5500	20.256	18.877	0.13	0.17	0.29	-5.31	23.97	29.28	0.35	0.44	0.79	-1.01	29.97	30.98
5580	20.452	18.810	0.16	0.22	0.38	-4.19	23.97	28.16	0.43	0.59	1.02	0.11	29.97	29.86
5700	20.466	18.865	0.17	0.20	0.38	-4.21	23.97	28.18	0.47	0.55	1.02	0.09	29.97	29.88
5720	20.631	18.821	0.17	0.22	0.38	-4.19	23.97	28.16	0.45	0.58	1.03	0.11	29.97	29.86
5745	-	18.849	0.12	0.17	0.30	-5.29	30.00	35.29	0.34	0.47	0.80	-0.95	36.00	36.95
5785	-	18.796	0.14	0.19	0.32	-4.91	30.00	34.91	0.37	0.51	0.88	-0.57	36.00	36.57
5825	-	18.898	0.12	0.18	0.30	-5.22	30.00	35.22	0.34	0.48	0.82	-0.88	36.00	36.88

Tested Frequency [MHz]	Duty Factor [dB]	Ant A						Ant B					
		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	0.00	-21.16	3.07	9.98	3.81	-8.11	-4.30	-20.84	3.12	10.09	3.81	-7.63	-3.82
5220	0.00	-20.85	3.08	9.98	3.81	-7.79	-3.98	-20.24	3.13	10.09	3.81	-7.02	-3.21
5240	0.00	-20.88	3.09	9.98	3.81	-7.81	-4.00	-20.17	3.13	10.09	3.81	-6.95	-3.14
5260	0.00	-21.00	3.09	9.98	4.20	-7.93	-3.73	-20.59	3.13	10.09	4.20	-7.37	-3.17
5300	0.00	-21.03	3.10	9.98	4.20	-7.95	-3.75	-20.30	3.14	10.09	4.20	-7.07	-2.87
5320	0.00	-21.05	3.10	9.98	4.20	-7.97	-3.77	-20.26	3.15	10.09	4.20	-7.02	-2.82
5500	0.00	-21.99	3.13	9.98	4.30	-8.88	-4.58	-21.10	3.18	10.10	4.30	-7.82	-3.52
5580	0.00	-21.09	3.15	9.98	4.30	-7.96	-3.66	-19.86	3.20	10.10	4.30	-6.56	-2.26
5700	0.00	-20.72	3.17	9.98	4.30	-7.57	-3.27	-20.22	3.23	10.10	4.30	-6.89	-2.59
5720	0.00	-20.95	3.17	9.98	4.30	-7.80	-3.50	-20.00	3.23	10.10	4.30	-6.67	-2.37
5745	0.00	-22.23	3.18	9.98	4.34	-9.07	-4.73	-20.98	3.24	10.10	4.34	-7.64	-3.30
5785	0.00	-21.81	3.19	9.98	4.34	-8.64	-4.30	-20.65	3.25	10.10	4.34	-7.30	-2.96
5825	0.00	-22.21	3.19	9.98	4.34	-9.04	-4.70	-20.92	3.26	10.11	4.34	-7.55	-3.21

Sample Calculation:

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

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

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

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room  
Date April 20, 2023  
Temperature / Humidity 25 deg. C / 42 % RH  
Engineer Miku Ikudome  
Mode Tx 11ax-20 (OFDMA) 26-tone RU, pre-correction

Ant A + Ant B

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		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Antenna		Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
				Ant A [mW]	Ant B [mW]					Ant A [mW]	Ant B [mW]				
5180	0	-	18.202	0.22	0.24	0.46	-3.35	23.97	27.32	0.53	0.58	1.11	0.46	29.97	29.51
	4	-	16.954	0.24	0.25	0.49	-3.10	23.97	27.07	0.57	0.60	1.18	0.71	29.97	29.26
	8	-	18.148	0.22	0.24	0.46	-3.36	23.97	27.33	0.53	0.58	1.11	0.45	29.97	29.52
5220	0	-	18.235	0.23	0.25	0.48	-3.23	23.97	27.20	0.55	0.60	1.14	0.58	29.97	29.39
	4	-	16.924	0.24	0.27	0.51	-2.95	23.97	26.92	0.57	0.65	1.22	0.86	29.97	29.11
	8	-	18.164	0.22	0.25	0.47	-3.25	23.97	27.22	0.53	0.61	1.14	0.56	29.97	29.41
5240	0	-	18.207	0.21	0.26	0.47	-3.28	23.97	27.25	0.51	0.62	1.13	0.53	29.97	29.44
	4	-	16.954	0.22	0.26	0.48	-3.15	23.97	27.12	0.54	0.63	1.17	0.66	29.97	29.31
	8	-	18.198	0.21	0.25	0.47	-3.31	23.97	27.28	0.52	0.61	1.12	0.50	29.97	29.47
5260	0	19.199	18.199	0.20	0.20	0.40	-3.96	23.83	27.79	0.52	0.54	1.06	0.24	29.97	29.73
	4	18.034	16.867	0.21	0.22	0.43	-3.65	23.56	27.21	0.55	0.59	1.13	0.55	29.97	29.42
	8	19.169	18.164	0.20	0.21	0.42	-3.80	23.82	27.62	0.53	0.56	1.10	0.40	29.97	29.57
5300	0	19.159	18.224	0.19	0.21	0.40	-3.98	23.82	27.80	0.49	0.56	1.05	0.22	29.97	29.75
	4	18.016	16.946	0.20	0.22	0.42	-3.76	23.55	27.31	0.52	0.59	1.11	0.44	29.97	29.53
	8	19.185	18.177	0.19	0.22	0.41	-3.92	23.82	27.74	0.49	0.58	1.07	0.28	29.97	29.69
5320	0	19.080	18.201	0.18	0.21	0.40	-4.01	23.80	27.81	0.49	0.56	1.04	0.19	29.97	29.78
	4	18.005	16.944	0.19	0.22	0.42	-3.80	23.55	27.35	0.51	0.59	1.10	0.40	29.97	29.57
	8	19.239	18.171	0.19	0.21	0.40	-4.02	23.84	27.86	0.49	0.55	1.04	0.18	29.97	29.79

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Ant A					Ant B						
			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	-19.58	3.07	9.98	3.81	-6.53	-2.72	-19.40	3.12	10.09	3.81	-6.19	-2.38
	4	0.00	-19.27	3.07	9.98	3.81	-6.22	-2.41	-19.21	3.12	10.09	3.81	-6.00	-2.19
	8	0.00	-19.62	3.07	9.98	3.81	-6.57	-2.76	-19.38	3.12	10.09	3.81	-6.17	-2.36
5220	0	0.00	-19.50	3.08	9.98	3.81	-6.44	-2.63	-19.26	3.13	10.09	3.81	-6.04	-2.23
	4	0.00	-19.33	3.08	9.98	3.81	-6.27	-2.46	-18.90	3.13	10.09	3.81	-5.68	-1.87
	8	0.00	-19.62	3.08	9.98	3.81	-6.56	-2.75	-19.20	3.13	10.09	3.81	-5.98	-2.17
5240	0	0.00	-19.79	3.09	9.98	3.81	-6.72	-2.91	-19.12	3.13	10.09	3.81	-5.90	-2.09
	4	0.00	-19.59	3.09	9.98	3.81	-6.52	-2.71	-19.04	3.13	10.09	3.81	-5.82	-2.01
	8	0.00	-19.75	3.09	9.98	3.81	-6.68	-2.87	-19.21	3.13	10.09	3.81	-5.99	-2.18
5260	0	0.00	-20.13	3.09	9.98	4.20	-7.06	-2.86	-20.10	3.12	10.09	4.20	-6.89	-2.69
	4	0.00	-19.88	3.09	9.98	4.20	-6.81	-2.61	-19.73	3.12	10.09	4.20	-6.52	-2.32
	8	0.00	-19.99	3.09	9.98	4.20	-6.92	-2.72	-19.91	3.12	10.09	4.20	-6.70	-2.50
5300	0	0.00	-20.40	3.10	9.98	4.20	-7.32	-3.12	-19.91	3.13	10.09	4.20	-6.69	-2.49
	4	0.00	-20.14	3.10	9.98	4.20	-7.06	-2.86	-19.71	3.13	10.09	4.20	-6.49	-2.29
	8	0.00	-20.38	3.10	9.98	4.20	-7.30	-3.10	-19.81	3.13	10.09	4.20	-6.59	-2.39
5320	0	0.00	-20.42	3.10	9.98	4.20	-7.34	-3.14	-19.95	3.13	10.09	4.20	-6.73	-2.53
	4	0.00	-20.21	3.10	9.98	4.20	-7.13	-2.93	-19.74	3.13	10.09	4.20	-6.52	-2.32
	8	0.00	-20.39	3.10	9.98	4.20	-7.31	-3.11	-19.98	3.13	10.09	4.20	-6.76	-2.56

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 test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room  
Date April 20, 2023  
Temperature / Humidity 25 deg. C / 42 % RH  
Engineer Miku Ikudome  
Mode Tx 11ax-20 (OFDMA) 26-tone RU, pre-correction

Ant A + Ant B

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.					
				Ant A [mW]	Ant B [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Ant A [mW]	Ant B [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5500	0	19.187	18.356	0.12	0.14	0.25	-5.98	23.83	29.81	0.31	0.36	0.68	-1.68	29.97	31.65
	4	18.046	16.995	0.12	0.14	0.26	-5.79	23.56	29.35	0.32	0.39	0.71	-1.49	29.97	31.46
	8	19.254	18.138	0.12	0.15	0.26	-5.81	23.84	29.65	0.31	0.40	0.71	-1.51	29.97	31.48
5580	0	19.243	18.322	0.13	0.17	0.30	-5.28	23.84	29.12	0.35	0.44	0.80	-0.98	29.97	30.95
	4	18.071	16.901	0.14	0.18	0.33	-4.88	23.56	28.44	0.38	0.49	0.88	-0.58	29.97	30.55
	8	19.224	18.182	0.14	0.18	0.31	-5.02	23.83	28.85	0.37	0.48	0.85	-0.72	29.97	30.69
5700	0	19.229	18.313	0.12	0.13	0.26	-5.89	23.83	29.72	0.33	0.36	0.69	-1.59	29.97	31.56
	4	18.010	16.933	0.13	0.15	0.27	-5.65	23.55	29.20	0.34	0.39	0.73	-1.35	29.97	31.32
	8	19.269	18.157	0.13	0.13	0.26	-5.83	23.84	29.67	0.35	0.36	0.70	-1.53	29.97	31.50
5720	0	19.299	18.328	0.11	0.12	0.24	-6.22	23.85	30.07	0.31	0.34	0.64	-1.92	29.97	31.89
	4	18.068	16.915	0.14	0.15	0.28	-5.46	23.56	29.02	0.37	0.40	0.77	-1.16	29.97	31.13
	8	19.251	18.240	0.12	0.13	0.25	-5.96	23.84	29.80	0.33	0.35	0.68	-1.66	29.97	31.63
5745	0	-	18.299	0.08	0.12	0.20	-6.90	30.00	36.90	0.23	0.33	0.55	-2.56	36.00	38.56
	4	-	16.895	0.12	0.15	0.28	-5.56	30.00	35.56	0.34	0.42	0.76	-1.22	36.00	37.22
	8	-	18.176	0.11	0.15	0.26	-5.79	30.00	35.79	0.30	0.41	0.72	-1.45	36.00	37.45
5785	0	-	18.329	0.12	0.14	0.27	-5.76	30.00	35.76	0.34	0.39	0.72	-1.42	36.00	37.42
	4	-	16.925	0.16	0.17	0.33	-4.84	30.00	34.84	0.43	0.46	0.89	-0.50	36.00	36.50
	8	-	18.187	0.13	0.15	0.27	-5.64	30.00	35.64	0.34	0.40	0.74	-1.30	36.00	37.30
5825	0	-	18.340	0.11	0.13	0.24	-6.16	30.00	36.16	0.30	0.36	0.66	-1.82	36.00	37.82
	4	-	16.893	0.12	0.15	0.26	-5.78	30.00	35.78	0.32	0.40	0.72	-1.44	36.00	37.44
	8	-	18.255	0.12	0.13	0.25	-6.09	30.00	36.09	0.32	0.35	0.67	-1.75	36.00	37.75

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Ant A					Ant B						
			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]
5500	0	0.00	-22.43	3.13	9.98	4.30	-9.32	-5.02	-21.97	3.18	10.10	4.30	-8.69	-4.39
	4	0.00	-22.33	3.13	9.98	4.30	-9.22	-4.92	-21.70	3.18	10.10	4.30	-8.42	-4.12
	8	0.00	-22.49	3.13	9.98	4.30	-9.38	-5.08	-21.61	3.18	10.10	4.30	-8.33	-4.03
5580	0	0.00	-21.95	3.15	9.98	4.30	-8.82	-4.52	-21.12	3.20	10.10	4.30	-7.82	-3.52
	4	0.00	-21.62	3.15	9.98	4.30	-8.49	-4.19	-20.66	3.20	10.10	4.30	-7.36	-3.06
	8	0.00	-21.79	3.15	9.98	4.30	-8.66	-4.36	-20.78	3.20	10.10	4.30	-7.48	-3.18
5700	0	0.00	-22.23	3.17	9.98	4.30	-9.08	-4.78	-22.05	3.23	10.10	4.30	-8.72	-4.42
	4	0.00	-22.10	3.17	9.98	4.30	-8.95	-4.65	-21.71	3.23	10.10	4.30	-8.38	-4.08
	8	0.00	-22.06	3.17	9.98	4.30	-8.91	-4.61	-22.11	3.23	10.10	4.30	-8.78	-4.48
5720	0	0.00	-22.57	3.17	9.98	4.30	-9.42	-5.12	-22.37	3.23	10.10	4.30	-9.04	-4.74
	4	0.00	-21.82	3.17	9.98	4.30	-8.67	-4.37	-21.60	3.23	10.10	4.30	-8.27	-3.97
	8	0.00	-22.22	3.17	9.98	4.30	-9.07	-4.77	-22.21	3.23	10.10	4.30	-8.88	-4.58
5745	0	0.00	-23.95	3.18	9.98	4.34	-10.79	-6.45	-22.52	3.24	10.10	4.34	-9.18	-4.84
	4	0.00	-22.24	3.18	9.98	4.34	-9.08	-4.74	-21.45	3.24	10.10	4.34	-8.11	-3.77
	8	0.00	-22.70	3.18	9.98	4.34	-9.54	-5.20	-21.51	3.24	10.10	4.34	-8.17	-3.83
5785	0	0.00	-22.25	3.19	9.98	4.34	-9.08	-4.74	-21.83	3.25	10.10	4.34	-8.48	-4.14
	4	0.00	-21.21	3.19	9.98	4.34	-8.04	-3.70	-21.02	3.25	10.10	4.34	-7.67	-3.33
	8	0.00	-22.18	3.19	9.98	4.34	-9.01	-4.67	-21.66	3.25	10.10	4.34	-8.31	-3.97
5825	0	0.00	-22.72	3.19	9.98	4.34	-9.55	-5.21	-22.19	3.26	10.11	4.34	-8.82	-4.48
	4	0.00	-22.51	3.19	9.98	4.34	-9.34	-5.00	-21.67	3.26	10.11	4.34	-8.30	-3.96
	8	0.00	-22.45	3.19	9.98	4.34	-9.28	-4.94	-22.30	3.26	10.11	4.34	-8.93	-4.59

Sample Calculation:

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

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

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

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

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

## Maximum Conducted Output Power

Test place                      Shonan EMC Lab. No.5 Shielded Room  
Date                                April 20, 2023  
Temperature / Humidity        25 deg. C / 42 % RH  
Engineer                         Miku Ikudome  
Mode                                Tx 11ax-20 (OFDMA) 52-tone RU, pre-correction

**Ant A + Ant B**

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.					
				Ant A [mW]	Ant B [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]	Ant A [mW]	Ant B [mW]	Sum [mW]	Result [dBm]	Limit [dBm]	Margin [dB]
5180	37	-	18.194	0.23	0.24	0.47	-3.28	23.97	27.25	0.56	0.57	1.13	0.53	29.97	29.44
	38	-	16.845	0.25	0.27	0.52	-2.86	23.97	26.83	0.59	0.65	1.24	0.95	29.97	29.02
	40	-	18.049	0.23	0.24	0.47	-3.26	23.97	27.23	0.55	0.58	1.13	0.55	29.97	29.42
5220	37	-	18.184	0.23	0.26	0.49	-3.11	23.97	27.08	0.55	0.63	1.17	0.70	29.97	29.27
	38	-	16.881	0.25	0.28	0.53	-2.73	23.97	26.70	0.61	0.67	1.28	1.08	29.97	28.89
	40	-	18.063	0.22	0.26	0.48	-3.15	23.97	27.12	0.54	0.63	1.16	0.66	29.97	29.31
5240	37	-	18.221	0.22	0.26	0.48	-3.18	23.97	27.15	0.54	0.62	1.16	0.63	29.97	29.34
	38	-	16.884	0.24	0.28	0.53	-2.79	23.97	26.76	0.58	0.68	1.26	1.02	29.97	28.95
	40	-	18.055	0.22	0.25	0.47	-3.26	23.97	27.23	0.52	0.61	1.13	0.55	29.97	29.42
5260	37	19.388	18.211	0.20	0.21	0.41	-3.86	23.87	27.73	0.52	0.56	1.08	0.34	29.97	29.63
	38	18.042	16.894	0.22	0.24	0.46	-3.36	23.56	26.92	0.59	0.62	1.21	0.84	29.97	29.13
	40	19.210	18.036	0.20	0.22	0.42	-3.72	23.83	27.55	0.54	0.58	1.12	0.48	29.97	29.49
5300	37	19.212	18.185	0.19	0.22	0.41	-3.84	23.83	27.67	0.51	0.58	1.09	0.36	29.97	29.61
	38	18.104	16.897	0.21	0.25	0.46	-3.41	23.57	26.98	0.55	0.65	1.20	0.79	29.97	29.18
	40	19.297	18.078	0.19	0.22	0.41	-3.86	23.85	27.71	0.49	0.59	1.08	0.34	29.97	29.63
5320	37	19.257	18.145	0.19	0.23	0.41	-3.83	23.84	27.67	0.49	0.60	1.09	0.37	29.97	29.60
	38	18.137	16.857	0.21	0.24	0.45	-3.47	23.58	27.05	0.55	0.63	1.18	0.73	29.97	29.24
	40	19.178	18.149	0.18	0.22	0.40	-4.01	23.82	27.83	0.48	0.57	1.04	0.19	29.97	29.78

Tested Frequency [MHz]	RU Index	Ant A							Ant B						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	
5180	37	0.00	-19.35	3.07	9.98	3.81	-6.30	-2.49	-19.49	3.12	10.09	3.81	-6.28	-2.47	
	38	0.00	-19.14	3.07	9.98	3.81	-6.09	-2.28	-18.88	3.12	10.09	3.81	-5.67	-1.86	
	40	0.00	-19.42	3.07	9.98	3.81	-6.37	-2.56	-19.39	3.12	10.09	3.81	-6.18	-2.37	
5220	37	0.00	-19.49	3.08	9.98	3.81	-6.43	-2.62	-19.06	3.13	10.09	3.81	-5.84	-2.03	
	38	0.00	-19.00	3.08	9.98	3.81	-5.94	-2.13	-18.77	3.13	10.09	3.81	-5.55	-1.74	
	40	0.00	-19.56	3.08	9.98	3.81	-6.50	-2.69	-19.06	3.13	10.09	3.81	-5.84	-2.03	
5240	37	0.00	-19.59	3.09	9.98	3.81	-6.52	-2.71	-19.11	3.13	10.09	3.81	-5.89	-2.08	
	38	0.00	-19.23	3.09	9.98	3.81	-6.16	-2.35	-18.69	3.13	10.09	3.81	-5.47	-1.66	
	40	0.00	-19.68	3.09	9.98	3.81	-6.61	-2.80	-19.18	3.13	10.09	3.81	-5.96	-2.15	
5260	37	0.00	-20.13	3.09	9.98	4.20	-7.06	-2.86	-19.90	3.13	10.09	4.20	-6.68	-2.48	
	38	0.00	-19.55	3.09	9.98	4.20	-6.48	-2.28	-19.48	3.13	10.09	4.20	-6.26	-2.06	
	40	0.00	-19.97	3.09	9.98	4.20	-6.90	-2.70	-19.78	3.13	10.09	4.20	-6.56	-2.36	
5300	37	0.00	-20.24	3.10	9.98	4.20	-7.16	-2.96	-19.80	3.14	10.09	4.20	-6.57	-2.37	
	38	0.00	-19.85	3.10	9.98	4.20	-6.77	-2.57	-19.32	3.14	10.09	4.20	-6.09	-1.89	
	40	0.00	-20.34	3.10	9.98	4.20	-7.26	-3.06	-19.75	3.14	10.09	4.20	-6.52	-2.32	
5320	37	0.00	-20.36	3.10	9.98	4.20	-7.28	-3.08	-19.69	3.15	10.09	4.20	-6.45	-2.25	
	38	0.00	-19.87	3.10	9.98	4.20	-6.79	-2.59	-19.44	3.15	10.09	4.20	-6.20	-2.00	
	40	0.00	-20.51	3.10	9.98	4.20	-7.43	-3.23	-19.89	3.15	10.09	4.20	-6.65	-2.45	

Sample Calculation:

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

e.i.r.p. Result = Conducted Power Result + 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) = 1W

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.



### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room  
Date April 20, 2023  
Temperature / Humidity 25 deg. C / 42 % RH  
Engineer Miku Ikudome  
Mode Tx 11ax-20 (OFDMA) 52-tone RU, pre-correction

Ant A + Ant B

Applied limit: 15.407, mobile and portable client device

Tested Frequency [MHz]	RU Index	Conducted power									e.i.r.p.					
		26 dB EBW (B for FCC) [MHz]	99% OBW (B for IC) [MHz]	Antenna			Result	Limit	Margin	Antenna			Result	Limit	Margin	
		[mW]	[mW]	Ant A [mW]	Ant B [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	Ant A [mW]	Ant B [mW]	Sum [mW]	[dBm]	[dBm]	[dB]	
5500	37	19.310	18.162	0.12	0.13	0.25	-6.02	23.85	29.87	0.31	0.36	0.67	-1.72	29.97	31.69	
	38	18.094	16.936	0.13	0.14	0.27	-5.67	23.57	29.24	0.34	0.39	0.73	-1.37	29.97	31.34	
	40	19.172	18.002	0.12	0.15	0.27	-5.70	23.82	29.52	0.32	0.40	0.72	-1.40	29.97	31.37	
5580	37	19.415	18.109	0.13	0.17	0.30	-5.21	23.88	29.09	0.35	0.46	0.81	-0.91	29.97	30.88	
	38	18.048	16.963	0.15	0.19	0.34	-4.69	23.56	28.25	0.39	0.52	0.91	-0.39	29.97	30.36	
	40	19.243	18.009	0.14	0.18	0.31	-5.03	23.84	28.87	0.37	0.48	0.85	-0.73	29.97	30.70	
5700	37	19.327	18.080	0.13	0.14	0.27	-5.62	23.86	29.48	0.35	0.39	0.74	-1.32	29.97	31.29	
	38	18.082	16.918	0.15	0.16	0.31	-5.16	23.57	28.73	0.40	0.43	0.82	-0.86	29.97	30.83	
	40	19.281	18.058	0.13	0.14	0.27	-5.64	23.85	29.49	0.35	0.38	0.73	-1.34	29.97	31.31	
5720	37	19.339	18.138	0.13	0.15	0.27	-5.62	23.86	29.48	0.34	0.40	0.74	-1.32	29.97	31.29	
	38	18.021	16.923	0.15	0.16	0.31	-5.08	23.55	28.63	0.40	0.44	0.84	-0.78	29.97	30.75	
	40	19.256	18.033	0.13	0.15	0.27	-5.63	23.84	29.47	0.34	0.39	0.74	-1.33	29.97	31.30	
5745	37	-	18.100	0.11	0.14	0.26	-5.91	30.00	35.91	0.31	0.39	0.70	-1.57	36.00	37.57	
	38	-	16.968	0.10	0.16	0.26	-5.84	30.00	35.84	0.27	0.44	0.71	-1.50	36.00	37.50	
	40	-	18.041	0.13	0.16	0.30	-5.28	30.00	35.28	0.36	0.44	0.81	-0.94	36.00	36.94	
5785	37	-	18.124	0.12	0.14	0.26	-5.82	30.00	35.82	0.32	0.39	0.71	-1.48	36.00	37.48	
	38	-	16.903	0.14	0.19	0.33	-4.83	30.00	34.83	0.39	0.50	0.89	-0.49	36.00	36.49	
	40	-	17.978	0.14	0.16	0.30	-5.23	30.00	35.23	0.37	0.45	0.81	-0.89	36.00	36.89	
5825	37	-	18.064	0.11	0.13	0.24	-6.15	30.00	36.15	0.30	0.36	0.66	-1.81	36.00	37.81	
	38	-	16.906	0.13	0.17	0.30	-5.24	30.00	35.24	0.36	0.46	0.81	-0.90	36.00	36.90	
	40	-	18.103	0.12	0.15	0.27	-5.67	30.00	35.67	0.34	0.40	0.74	-1.33	36.00	37.33	

Tested Frequency [MHz]	RU Index	Ant A						Ant B						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Power [dBm]	e.i.r.p. [dBm]
5500	37	0.00	-22.46	3.13	9.98	4.30	-9.35	-5.05	-22.01	3.18	10.10	4.30	-8.73	-4.43
	38	0.00	-22.05	3.13	9.98	4.30	-8.94	-4.64	-21.71	3.18	10.10	4.30	-8.43	-4.13
	40	0.00	-22.30	3.13	9.98	4.30	-9.19	-4.89	-21.56	3.18	10.10	4.30	-8.28	-3.98
5580	37	0.00	-21.94	3.15	9.98	4.30	-8.81	-4.51	-21.01	3.20	10.10	4.30	-7.71	-3.41
	38	0.00	-21.47	3.15	9.98	4.30	-8.34	-4.04	-20.45	3.20	10.10	4.30	-7.15	-2.85
	40	0.00	-21.79	3.15	9.98	4.30	-8.66	-4.36	-20.80	3.20	10.10	4.30	-7.50	-3.20
5700	37	0.00	-22.01	3.17	9.98	4.30	-8.86	-4.56	-21.74	3.23	10.10	4.30	-8.41	-4.11
	38	0.00	-21.48	3.17	9.98	4.30	-8.33	-4.03	-21.34	3.23	10.10	4.30	-8.01	-3.71
	40	0.00	-22.02	3.17	9.98	4.30	-8.87	-4.57	-21.78	3.23	10.10	4.30	-8.45	-4.15
5720	37	0.00	-22.13	3.17	9.98	4.30	-8.98	-4.68	-21.63	3.23	10.10	4.30	-8.30	-4.00
	38	0.00	-21.45	3.17	9.98	4.30	-8.30	-4.00	-21.22	3.23	10.10	4.30	-7.89	-3.59
	40	0.00	-22.08	3.17	9.98	4.30	-8.93	-4.63	-21.70	3.23	10.10	4.30	-8.37	-4.07
5745	37	0.00	-22.58	3.18	9.98	4.34	-9.42	-5.08	-21.82	3.24	10.10	4.34	-8.48	-4.14
	38	0.00	-23.16	3.18	9.98	4.34	-10.00	-5.66	-21.29	3.24	10.10	4.34	-7.95	-3.61
	40	0.00	-21.91	3.18	9.98	4.34	-8.75	-4.41	-21.21	3.24	10.10	4.34	-7.87	-3.53
5785	37	0.00	-22.42	3.19	9.98	4.34	-9.25	-4.91	-21.79	3.25	10.10	4.34	-8.44	-4.10
	38	0.00	-21.61	3.19	9.98	4.34	-8.44	-4.10	-20.66	3.25	10.10	4.34	-7.31	-2.97
	40	0.00	-21.84	3.19	9.98	4.34	-8.67	-4.33	-21.20	3.25	10.10	4.34	-7.85	-3.51
5825	37	0.00	-22.77	3.19	9.98	4.34	-9.60	-5.26	-22.13	3.26	10.11	4.34	-8.76	-4.42
	38	0.00	-22.00	3.19	9.98	4.34	-8.83	-4.49	-21.11	3.26	10.11	4.34	-7.74	-3.40
	40	0.00	-22.22	3.19	9.98	4.34	-9.05	-4.71	-21.71	3.26	10.11	4.34	-8.34	-4.00

Sample Calculation:

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

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

## Maximum Conducted Output Power

Test place                      Shonan EMC Lab. No.5 Shielded Room  
Date                                April 21, 2023  
Temperature / Humidity        26 deg. C / 45 % RH  
Engineer                         Miku Ikudome  
Mode                                Tx 11ax-20 (OFDMA) 106-tone RU, pre-correction

**Ant A + Ant B**

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]	
Ant A [mW]	Ant B [mW]	Sum [mW]	Ant A [mW]	Ant B [mW]	Sum [mW]	Ant A [mW]				Ant B [mW]	Sum [mW]					
5180	53	-	18.051	0.24	0.25	0.48	-3.15	23.97	27.12	0.57	0.60	1.16	0.66	29.97	29.31	
	54	-	17.993	0.22	0.25	0.47	-3.25	23.97	27.22	0.54	0.60	1.14	0.56	29.97	29.41	
5220	53	-	18.033	0.23	0.26	0.49	-3.12	23.97	27.09	0.55	0.62	1.17	0.69	29.97	29.28	
	54	-	18.012	0.22	0.26	0.48	-3.20	23.97	27.17	0.53	0.62	1.15	0.61	29.97	29.36	
5240	53	-	18.018	0.21	0.26	0.47	-3.27	23.97	27.24	0.51	0.62	1.13	0.54	29.97	29.43	
	54	-	17.995	0.21	0.26	0.47	-3.26	23.97	27.23	0.51	0.62	1.13	0.55	29.97	29.42	
5260	53	19.386	18.035	0.20	0.22	0.42	-3.75	23.87	27.62	0.54	0.57	1.11	0.45	29.97	29.52	
	54	19.335	17.991	0.20	0.22	0.42	-3.76	23.86	27.62	0.53	0.58	1.11	0.44	29.97	29.53	
5300	53	19.279	18.044	0.20	0.22	0.42	-3.79	23.85	27.64	0.52	0.58	1.10	0.41	29.97	29.56	
	54	19.304	17.932	0.19	0.23	0.42	-3.76	23.85	27.61	0.51	0.59	1.11	0.44	29.97	29.53	
5320	53	19.334	18.041	0.19	0.21	0.40	-3.95	23.86	27.81	0.50	0.56	1.06	0.25	29.97	29.72	
	54	19.335	17.997	0.19	0.22	0.41	-3.82	23.86	27.68	0.51	0.58	1.09	0.38	29.97	29.59	

Tested Frequency [MHz]	RU Index	Ant A						Ant B						
		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]
5180	53	0.00	-19.33	3.07	9.98	3.81	-6.28	-2.47	-19.26	3.12	10.09	3.81	-6.05	-2.24
	54	0.00	-19.56	3.07	9.98	3.81	-6.51	-2.70	-19.23	3.12	10.09	3.81	-6.02	-2.21
5220	53	0.00	-19.47	3.08	9.98	3.81	-6.41	-2.60	-19.09	3.13	10.09	3.81	-5.87	-2.06
	54	0.00	-19.59	3.08	9.98	3.81	-6.53	-2.72	-19.14	3.13	10.09	3.81	-5.92	-2.11
5240	53	0.00	-19.82	3.09	9.98	3.81	-6.75	-2.94	-19.08	3.13	10.09	3.81	-5.86	-2.05
	54	0.00	-19.78	3.09	9.98	3.81	-6.71	-2.90	-19.10	3.13	10.09	3.81	-5.88	-2.07
5260	53	0.00	-19.98	3.09	9.98	4.20	-6.91	-2.71	-19.84	3.13	10.09	4.20	-6.62	-2.42
	54	0.00	-20.04	3.09	9.98	4.20	-6.97	-2.77	-19.79	3.13	10.09	4.20	-6.57	-2.37
5300	53	0.00	-20.14	3.10	9.98	4.20	-7.06	-2.86	-19.78	3.14	10.09	4.20	-6.55	-2.35
	54	0.00	-20.18	3.10	9.98	4.20	-7.10	-2.90	-19.70	3.14	10.09	4.20	-6.47	-2.27
5320	53	0.00	-20.31	3.10	9.98	4.20	-7.23	-3.03	-19.94	3.15	10.09	4.20	-6.70	-2.50
	54	0.00	-20.21	3.10	9.98	4.20	-7.13	-2.93	-19.79	3.15	10.09	4.20	-6.55	-2.35

Sample Calculation:

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

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

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

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

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

## Maximum Conducted Output Power

Test place                      Shonan EMC Lab. No.5 Shielded Room  
Date                                April 21, 2023  
Temperature / Humidity        26 deg. C / 45 % RH  
Engineer                         Miku Ikudome  
Mode                                Tx 11ax-20 (OFDMA) 106-tone RU, pre-correction

Ant A+Ant B

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]
				Ant A [mW]	Ant B [mW]	Sum [mW]				Ant A [mW]	Ant B [mW]	Sum [mW]			
5500	53	19.475	18.062	0.13	0.14	0.26	-5.80	23.89	29.69	0.34	0.37	0.71	-1.50	29.97	31.47
	54	19.302	17.997	0.13	0.14	0.27	-5.76	23.85	29.61	0.34	0.38	0.71	-1.46	29.97	31.43
5580	53	19.317	18.048	0.14	0.18	0.32	-4.97	23.85	28.82	0.38	0.48	0.86	-0.67	29.97	30.64
	54	19.486	17.989	0.15	0.18	0.33	-4.82	23.89	28.71	0.39	0.49	0.89	-0.52	29.97	30.49
5700	53	19.395	18.029	0.14	0.15	0.29	-5.32	23.87	29.19	0.39	0.40	0.79	-1.02	29.97	30.99
	54	19.352	17.989	0.15	0.14	0.29	-5.37	23.86	29.23	0.39	0.39	0.78	-1.07	29.97	31.04
5720	53	19.223	18.049	0.15	0.14	0.29	-5.37	23.83	29.20	0.40	0.39	0.78	-1.07	29.97	31.04
	54	19.189	17.962	0.15	0.15	0.29	-5.32	23.83	29.15	0.39	0.40	0.79	-1.02	29.97	30.99
5745	53	-	18.067	0.14	0.17	0.31	-5.09	30.00	35.09	0.39	0.45	0.84	-0.75	36.00	36.75
	54	-	17.993	0.15	0.16	0.31	-5.07	30.00	35.07	0.40	0.44	0.85	-0.73	36.00	36.73
5785	53	-	18.064	0.15	0.17	0.32	-4.92	30.00	34.92	0.41	0.47	0.88	-0.58	36.00	36.58
	54	-	17.988	0.15	0.17	0.32	-4.89	30.00	34.89	0.42	0.46	0.88	-0.55	36.00	36.55
5825	53	-	18.035	0.14	0.16	0.30	-5.17	30.00	35.17	0.39	0.44	0.83	-0.83	36.00	36.83
	54	-	18.005	0.14	0.15	0.29	-5.34	30.00	35.34	0.38	0.41	0.79	-1.00	36.00	37.00

Tested Frequency [MHz]	RU Index	Ant A							Ant B						
		Duty Factor [dB]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	Power Meter Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Antenna Gain [dBi]	Result Cond. Power [dBm]	e.i.r.p. [dBm]	
5500	53	0.00	-22.14	3.13	9.98	4.30	-9.03	-4.73	-21.88	3.18	10.10	4.30	-8.60	-4.30	
	54	0.00	-22.14	3.13	9.98	4.30	-9.03	-4.73	-21.80	3.18	10.10	4.30	-8.52	-4.22	
5580	53	0.00	-21.65	3.15	9.98	4.30	-8.52	-4.22	-20.80	3.20	10.10	4.30	-7.50	-3.20	
	54	0.00	-21.47	3.15	9.98	4.30	-8.34	-4.04	-20.67	3.20	10.10	4.30	-7.37	-3.07	
5700	53	0.00	-21.54	3.17	9.98	4.30	-8.39	-4.09	-21.61	3.23	10.10	4.30	-8.28	-3.98	
	54	0.00	-21.50	3.17	9.98	4.30	-8.35	-4.05	-21.74	3.23	10.10	4.30	-8.41	-4.11	
5720	53	0.00	-21.48	3.17	9.98	4.30	-8.33	-4.03	-21.76	3.23	10.10	4.30	-8.43	-4.13	
	54	0.00	-21.53	3.17	9.98	4.30	-8.38	-4.08	-21.62	3.23	10.10	4.30	-8.29	-3.99	
5745	53	0.00	-21.60	3.18	9.98	4.34	-8.44	-4.10	-21.13	3.24	10.10	4.34	-7.79	-3.45	
	54	0.00	-21.43	3.18	9.98	4.34	-8.27	-3.93	-21.23	3.24	10.10	4.34	-7.89	-3.55	
5785	53	0.00	-21.41	3.19	9.98	4.34	-8.24	-3.90	-20.99	3.25	10.10	4.34	-7.64	-3.30	
	54	0.00	-21.29	3.19	9.98	4.34	-8.12	-3.78	-21.05	3.25	10.10	4.34	-7.70	-3.36	
5825	53	0.00	-21.63	3.19	9.98	4.34	-8.46	-4.12	-21.28	3.26	10.11	4.34	-7.91	-3.57	
	54	0.00	-21.68	3.19	9.98	4.34	-8.51	-4.17	-21.56	3.26	10.11	4.34	-8.19	-3.85	

Sample Calculation:

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) = 1W

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

### Maximum Conducted Output Power

Test place Shonan EMC Lab. No.5 Shielded Room  
Date April 21, 2023  
Temperature / Humidity 26 deg. C / 45 % RH  
Engineer Miku Ikudome  
Mode Tx 11ax-20 (OFDMA) 242-tone RU, pre-correction

Ant A + Ant B

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]
				Ant A [mW]	Ant B [mW]	Sum [mW]				Ant A [mW]	Ant B [mW]	Sum [mW]			
5180	61	-	18.800	0.24	0.25	0.50	-3.03	23.97	27.00	0.58	0.61	1.20	0.78	29.97	29.19
5220	61	-	18.776	0.24	0.26	0.50	-2.99	23.97	26.96	0.59	0.62	1.21	0.82	29.97	29.15
5240	61	-	18.798	0.23	0.26	0.49	-3.07	23.97	27.04	0.55	0.63	1.19	0.74	29.97	29.23
5260	61	20.416	18.801	0.22	0.23	0.46	-3.42	23.97	27.39	0.58	0.62	1.20	0.78	29.97	29.19
5300	61	20.456	18.782	0.21	0.24	0.45	-3.49	23.97	27.46	0.54	0.64	1.18	0.71	29.97	29.26
5320	61	20.418	18.791	0.20	0.23	0.44	-3.60	23.97	27.57	0.53	0.62	1.15	0.60	29.97	29.37
5500	61	20.320	18.785	0.12	0.14	0.26	-5.92	23.97	29.89	0.32	0.37	0.69	-1.62	29.97	31.59
5580	61	20.348	18.807	0.14	0.18	0.32	-4.89	23.97	28.86	0.39	0.49	0.87	-0.59	29.97	30.56
5700	61	20.307	18.788	0.14	0.15	0.29	-5.36	23.97	29.33	0.38	0.40	0.78	-1.06	29.97	31.03
5720	61	20.429	18.821	0.14	0.15	0.29	-5.35	23.97	29.32	0.38	0.40	0.78	-1.05	29.97	31.02
5745	61	-	18.789	0.14	0.17	0.31	-5.04	30.00	35.04	0.39	0.46	0.85	-0.70	36.00	36.70
5785	61	-	18.795	0.16	0.17	0.33	-4.82	30.00	34.82	0.43	0.46	0.89	-0.48	36.00	36.48
5825	61	-	18.800	0.15	0.16	0.30	-5.18	30.00	35.18	0.40	0.42	0.82	-0.84	36.00	36.84

Tested Frequency [MHz]	RU Index	Duty Factor [dB]	Ant A					Ant B						
			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	61	0.00	-19.19	3.07	9.98	3.81	-6.14	-2.33	-19.15	3.12	10.09	3.81	-5.94	-2.13
5220	61	0.00	-19.18	3.08	9.98	3.81	-6.12	-2.31	-19.10	3.13	10.09	3.81	-5.88	-2.07
5240	61	0.00	-19.44	3.09	9.98	3.81	-6.37	-2.56	-19.03	3.13	10.09	3.81	-5.81	-2.00
5260	61	0.00	-19.64	3.09	9.98	4.20	-6.57	-2.37	-19.51	3.13	10.09	4.20	-6.29	-2.09
5300	61	0.00	-19.96	3.10	9.98	4.20	-6.88	-2.68	-19.39	3.14	10.09	4.20	-6.16	-1.96
5320	61	0.00	-20.02	3.10	9.98	4.20	-6.94	-2.74	-19.54	3.15	10.09	4.20	-6.30	-2.10
5500	61	0.00	-22.32	3.13	9.98	4.30	-9.21	-4.91	-21.95	3.18	10.10	4.30	-8.67	-4.37
5580	61	0.00	-21.56	3.15	9.98	4.30	-8.43	-4.13	-20.73	3.20	10.10	4.30	-7.43	-3.13
5700	61	0.00	-21.64	3.17	9.98	4.30	-8.49	-4.19	-21.59	3.23	10.10	4.30	-8.26	-3.96
5720	61	0.00	-21.62	3.17	9.98	4.30	-8.47	-4.17	-21.59	3.23	10.10	4.30	-8.26	-3.96
5745	61	0.00	-21.58	3.18	9.98	4.34	-8.42	-4.08	-21.05	3.24	10.10	4.34	-7.71	-3.37
5785	61	0.00	-21.14	3.19	9.98	4.34	-7.97	-3.63	-21.05	3.25	10.10	4.34	-7.70	-3.36
5825	61	0.00	-21.49	3.19	9.98	4.34	-8.32	-3.98	-21.44	3.26	10.11	4.34	-8.07	-3.73

Sample Calculation:

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) = 1W

The test was performed with Gate function.

\* The Duty Factor is 0 dB, since this measurement was performed only on the on time using the gate function of power meter, since the off time is not constant in this mode.

### Maximum Conducted Output Power

Test place                      Shonan EMC Lab. No.1 Measurement Room  
Date                                February 1, 2023  
Temperature / Humidity        24 deg. C / 29 % RH  
Engineer                         Miku Ikudome  
Mode                                Tx 11a

**[Pre check]**

Mode (Mbps)	Freq. [MHz]	Duty factor [dB]	Antenna Ant A			Antenna Ant B			Antenna Ant A + Ant B	
			Reading [dBm]	Result [dBm]   [mW]		Reading [dBm]	Result [dBm]   [mW]		Result [dBm]   [mW]	
6	5180.0	0.01	-2.69	-2.68	0.54	-2.72	-2.71	0.54	0.33	1.08
9	5180.0	0.01	<b>-2.58</b>	-2.57	0.55	-2.56	-2.55	0.56	0.45	1.11
12	5180.0	0.02	-2.60	-2.58	0.55	<b>-2.48</b>	-2.46	0.57	0.49	1.12
18	5180.0	0.03	-2.64	-2.61	0.55	<b>-2.48</b>	-2.45	0.57	0.49	1.12
24	5180.0	0.04	-2.60	-2.56	0.55	-2.51	-2.47	0.57	0.49	1.12
36	5180.0	0.07	-2.63	-2.56	0.55	<b>-2.48</b>	<b>-2.41</b>	0.57	0.49	1.12
48	5180.0	0.09	-2.66	-2.57	0.55	-2.58	-2.49	0.56	0.45	1.11
54	5180.0	0.10	-2.64	<b>-2.54</b>	0.56	-2.52	-2.42	0.57	0.53	1.13

**Worst**

Sample Calculation:      Result = Duty factor + Reading

\* The upper table shows the result values before considering the cable and the attenuator factor, not final result.

## Maximum Conducted Output Power

Test place                      Shonan EMC Lab. No.1 Measurement Room  
Date                                February 1, 2023  
Temperature / Humidity        24 deg. C / 29 % RH  
Engineer                         Miku Ikudome  
Mode                                Tx 11n-20

[Pre check]

Mode (MCS)	Freq. [MHz]	Duty factor [dB]	Antenna Ant A			Antenna Ant B			Antenna Ant A + Ant B	
			Reading [dBm]	Result [dBm]    [mW]		Reading [dBm]	Result [dBm]    [mW]		Result [dBm]    [mW]	
0	5180.0	0.00	<b>-2.55</b>	<b>-2.55</b>	0.56	<b>-2.46</b>	<b>-2.46</b>	0.57	0.53	1.13
1	5180.0	0.01	-2.59	-2.58	0.55	-2.47	-2.46	0.57	0.49	1.12
2	5180.0	0.01	-2.60	-2.59	0.55	-2.52	-2.51	0.56	0.45	1.11
3	5180.0	0.01	-2.62	-2.61	0.55	-2.51	-2.50	0.56	0.45	1.11
4	5180.0	0.02	-2.65	-2.63	0.55	-2.55	-2.53	0.56	0.45	1.11
5	5180.0	0.03	-2.65	-2.62	0.55	-2.56	-2.53	0.56	0.45	1.11
6	5180.0	0.03	-2.69	-2.66	0.54	-2.62	-2.59	0.55	0.37	1.09
7	5180.0	0.03	-2.72	-2.69	0.54	-2.64	-2.61	0.55	0.37	1.09
8	5180.0	0.00	-2.57	-2.57	0.55	-2.47	-2.47	0.57	0.49	1.12
9	5180.0	0.01	-2.59	-2.58	0.55	-2.51	-2.50	0.56	0.45	1.11
10	5180.0	0.02	-2.62	-2.60	0.55	-2.53	-2.51	0.56	0.45	1.11
11	5180.0	0.03	-2.66	-2.63	0.55	-2.63	-2.60	0.55	0.41	1.10
12	5180.0	0.04	-2.77	-2.73	0.53	-2.66	-2.62	0.55	0.33	1.08
13	5180.0	0.05	-2.71	-2.66	0.54	-2.68	-2.63	0.55	0.37	1.09
14	5180.0	0.06	-2.77	-2.71	0.54	-2.69	-2.63	0.55	0.37	1.09
15	5180.0	0.07	-2.82	-2.75	0.53	-2.77	-2.70	0.54	0.29	1.07

**Worst**

Sample Calculation:      Result = Duty factor + Reading

\* The upper table shows the result values before considering the cable and the attenuator factor, not final result.

### Maximum Conducted Output Power

Test place                      Shonan EMC Lab. No.1 Measurement Room  
Date                                February 1, 2023  
Temperature / Humidity        24 deg. C / 29 % RH  
Engineer                         Miku Ikudome  
Mode                                Tx 11ac-20

[Pre check]

	Mode (MCS)	Freq. [MHz]	Duty factor [dB]	Antenna Ant A			Antenna Ant B			Antenna Ant A + Ant B		Worst
				Reading [dBm]	Result		Reading [dBm]	Result		Result		
					[dBm]	[mW]		[dBm]	[dBm]	[mW]	[dBm]	
1SS	0, 1SS	5180.0	0.01	-2.54	-2.53	0.56	-2.44	-2.43	0.57	0.53	1.13	
	1, 1SS	5180.0	0.01	-2.65	-2.64	0.54	-2.54	-2.53	0.56	0.41	1.10	
	2, 1SS	5180.0	0.01	-2.78	-2.77	0.53	-2.76	-2.75	0.53	0.25	1.06	
	3, 1SS	5180.0	0.01	-2.77	-2.76	0.53	-2.67	-2.66	0.54	0.29	1.07	
	4, 1SS	5180.0	0.02	-2.82	-2.80	0.52	-2.73	-2.71	0.54	0.25	1.06	
	5, 1SS	5180.0	0.03	-2.82	-2.79	0.53	-2.71	-2.68	0.54	0.29	1.07	
	6, 1SS	5180.0	0.03	-2.86	-2.83	0.52	-2.77	-2.74	0.53	0.21	1.05	
	7, 1SS	5180.0	0.03	-2.86	-2.83	0.52	-2.76	-2.73	0.53	0.21	1.05	
8, 1SS	5180.0	0.04	-4.63	-4.59	0.35	-4.61	-4.57	0.35	-1.55	0.70		
2SS	0, 2SS	5180.0	0.00	-2.57	-2.57	0.55	-2.50	-2.50	0.56	0.45	1.11	
	1, 2SS	5180.0	0.01	-2.60	-2.59	0.55	-2.53	-2.52	0.56	0.45	1.11	
	2, 2SS	5180.0	0.02	-2.66	-2.64	0.54	-2.58	-2.56	0.55	0.37	1.09	
	3, 2SS	5180.0	0.03	-2.67	-2.64	0.54	-2.65	-2.62	0.55	0.37	1.09	
	4, 2SS	5180.0	0.04	-2.72	-2.68	0.54	-2.63	-2.59	0.55	0.37	1.09	
	5, 2SS	5180.0	0.05	-2.80	-2.75	0.53	-2.72	-2.67	0.54	0.29	1.07	
	6, 2SS	5180.0	0.06	-2.83	-2.77	0.53	-2.74	-2.68	0.54	0.29	1.07	
	7, 2SS	5180.0	0.07	-2.84	-2.77	0.53	-2.76	-2.69	0.54	0.29	1.07	
8, 2SS	5180.0	0.09	-4.68	-4.59	0.35	-4.63	-4.54	0.35	-1.55	0.70		

Sample Calculation:      Result = Duty factor + Reading

\* The upper table shows the result values before considering the cable and the attenuator factor, not final result.

### Maximum Conducted Output Power

Test place                      Shonan EMC Lab. No.1 Measurement Room  
Date                                February 1, 2023  
Temperature / Humidity        24 deg. C / 29 % RH  
Engineer                         Miku Ikudome  
Mode                                Tx 11ax-20 (OFDM)

[Pre check]

	Mode (MCS)	Freq. [MHz]	Duty factor [dB]	Antenna Ant A			Antenna Ant B			Antenna Ant A + Ant B		Worst
				Reading [dBm]	Result		Reading [dBm]	Result		Result		
					[dBm]	[mW]		[dBm]	[dBm]	[mW]	[dBm]	
1SS	0, 1SS	5180.0	0.00	<b>-2.30</b>	<b>-2.30</b>	0.59	-2.30	-2.30	0.59	0.72	1.18	
	1, 1SS	5180.0	0.01	-2.35	-2.34	0.58	<b>-2.29</b>	<b>-2.28</b>	0.59	0.68	1.17	
	2, 1SS	5180.0	0.01	-2.39	-2.38	0.58	-2.31	-2.30	0.59	0.68	1.17	
	3, 1SS	5180.0	0.02	-2.43	-2.41	0.57	-2.33	-2.31	0.59	0.64	1.16	
	4, 1SS	5180.0	0.03	-2.47	-2.44	0.57	-2.38	-2.35	0.58	0.61	1.15	
	5, 1SS	5180.0	0.04	-2.50	-2.46	0.57	-2.38	-2.34	0.58	0.61	1.15	
	6, 1SS	5180.0	0.04	-2.53	-2.49	0.56	-2.40	-2.36	0.58	0.57	1.14	
7, 1SS	5180.0	0.05	-2.56	-2.51	0.56	-2.42	-2.37	0.58	0.57	1.14		
2SS	0, 2SS	5180.0	0.01	-2.34	-2.33	0.58	-2.35	-2.34	0.58	0.64	1.16	
	1, 2SS	5180.0	0.02	-2.42	-2.40	0.57	-2.38	-2.36	0.58	0.61	1.15	
	2, 2SS	5180.0	0.02	-2.47	-2.45	0.57	-2.43	-2.41	0.57	0.57	1.14	
	3, 2SS	5180.0	0.03	-2.53	-2.50	0.56	-2.45	-2.42	0.57	0.53	1.13	
	4, 2SS	5180.0	0.05	-2.57	-2.52	0.56	-2.59	-2.54	0.56	0.49	1.12	
	5, 2SS	5180.0	0.07	-2.59	-2.52	0.56	-2.60	-2.53	0.56	0.49	1.12	
	6, 2SS	5180.0	0.07	-2.60	-2.53	0.56	-2.56	-2.49	0.56	0.49	1.12	
	7, 2SS	5180.0	0.08	-2.65	-2.57	0.55	-2.61	-2.53	0.56	0.45	1.11	

Sample Calculation:      Result = Duty factor + Reading

\* The upper table shows the result values before considering the cable and the attenuator factor, not final result.

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



### Burst rate confirmation

Test place Shonan EMC Lab. No.5 Shielded Room  
Date March 17, 2023  
Temperature / Humidity 24 deg. C / 34 % RH  
Engineer Kouki Yamada  
Mode Tx

