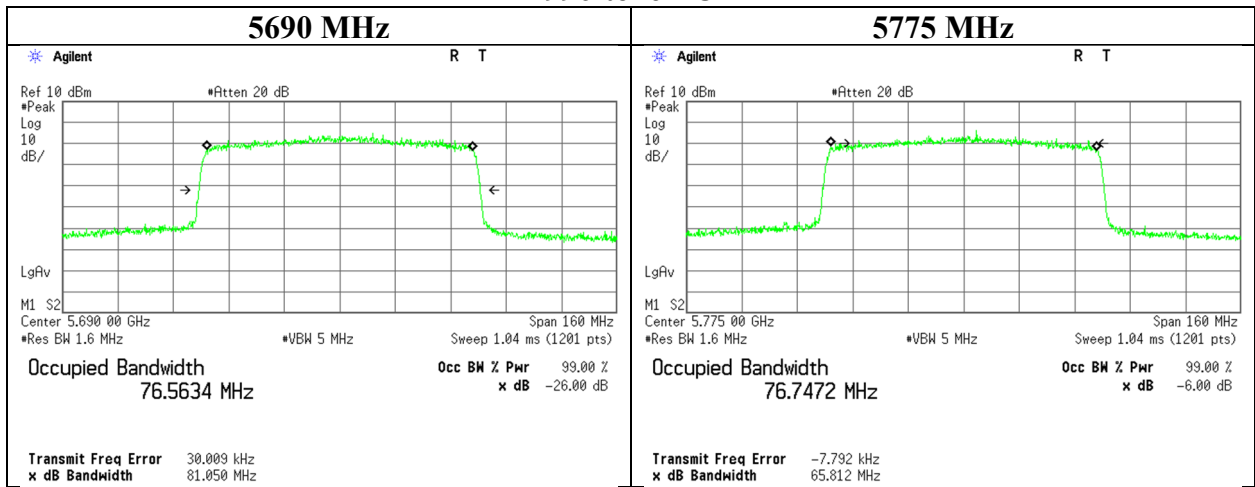


**99 % Occupied Bandwidth**

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



### 6 dB Bandwidth

Test place	Ise EMC Lab. No.8 Measurement Room
Date	February 2, 2022
Temperature / Humidity	24 deg. C / 33 % RH
Engineer	Junki Nagatomi
Mode	Tx

11a

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5745	16.363	> 0.500
	5785	16.426	> 0.500
	5825	16.339	> 0.500

11n-20

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5745	17.598	> 0.500
	5785	17.603	> 0.500
	5825	17.614	> 0.500

11ac-20

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5745	17.637	> 0.500
	5785	17.598	> 0.500
	5825	17.619	> 0.500

11ax-20 (OFDM)

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5745	18.868	> 0.500
	5785	18.926	> 0.500
	5825	18.870	> 0.500

### 6 dB Bandwidth

Test place	Ise EMC Lab. No.8 Measurement Room	
Date	February 2, 2022	February 4, 2022
Temperature / Humidity	24 deg. C / 33 % RH	26 deg. C / 28 % RH
Engineer	Junki Nagatomi	Junki Nagatomi
Mode	Tx	

11ax-20 (OFDMA)

Antenna	RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	26-tone RU	5745	0	2.103	> 0.500
			4	2.639	> 0.500
			8	2.090	> 0.500
		5785	0	2.087	> 0.500
			4	2.638	> 0.500
			8	2.086	> 0.500
		5825	0	2.090	> 0.500
			4	2.635	> 0.500
			8	2.089	> 0.500
	52-tone RU	5745	37	4.105	> 0.500
			38	4.113	> 0.500
			40	4.108	> 0.500
		5785	37	4.070	> 0.500
			38	4.108	> 0.500
			40	4.076	> 0.500
		5825	37	4.103	> 0.500
			38	4.118	> 0.500
			40	4.101	> 0.500
	106-tone RU	5745	53	8.620	> 0.500
			54	8.375	> 0.500
		5785	53	8.361	> 0.500
			54	8.381	> 0.500
		5825	53	8.599	> 0.500
			54	8.381	> 0.500
242-tone RU	5745	61	19.027	> 0.500	
	5785	61	18.880	> 0.500	
	5825	61	19.074	> 0.500	

## 6 dB Bandwidth

Test place                    Ise EMC Lab. No.8 Measurement Room  
Date                            February 2, 2022  
Temperature / Humidity      24 deg. C / 33 % RH  
Engineer                      Junki Nagatomi  
Mode                            Tx

### 11n-40

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5755	35.092	> 0.500
	5795	35.076	> 0.500

### 11ac-40

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5755	35.063	> 0.500
	5795	35.064	> 0.500

### 11ax-40 (OFDM)

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5755	35.836	> 0.500
	5795	35.168	> 0.500

### 6 dB Bandwidth

Test place	Ise EMC Lab. No.8 Measurement Room	
Date	February 4, 2022	February 5, 2022
Temperature / Humidity	26 deg. C / 28 % RH	23 deg. C / 26 % RH
Engineer	Junki Nagatomi	Takafumi Noguchi
Mode	Tx	

11ax-40 (OFDMA)

Antenna	RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	26-tone RU	5755	0	2.081	> 0.500
			8	2.110	> 0.500
			17	2.090	> 0.500
		5795	0	2.086	> 0.500
			8	2.090	> 0.500
			17	2.094	> 0.500
	52-tone RU	5755	37	4.105	> 0.500
			40	4.131	> 0.500
			44	4.093	> 0.500
		5795	37	4.093	> 0.500
			40	4.132	> 0.500
			44	4.095	> 0.500
	106-tone RU	5755	53	8.810	> 0.500
			54	8.597	> 0.500
			56	8.316	> 0.500
		5795	53	8.808	> 0.500
			54	8.583	> 0.500
			56	8.438	> 0.500
	242-tone RU	5755	61	18.850	> 0.500
			62	18.880	> 0.500
		5795	61	18.878	> 0.500
			62	18.870	> 0.500
	484-tone RU	5755	65	35.144	> 0.500
		5795	65	35.880	> 0.500

### 6 dB Bandwidth

Test place                    Ise EMC Lab. No.8 Measurement Room  
Date                            February 2, 2022  
Temperature / Humidity      24 deg. C / 33 % RH  
Engineer                      Junki Nagatomi  
Mode                            Tx

#### 11ac-80

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5775	75.177	> 0.500

#### 11ax-80 (OFDM)

Antenna	Tested Frequency [MHz]	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	5775	75.294	> 0.500

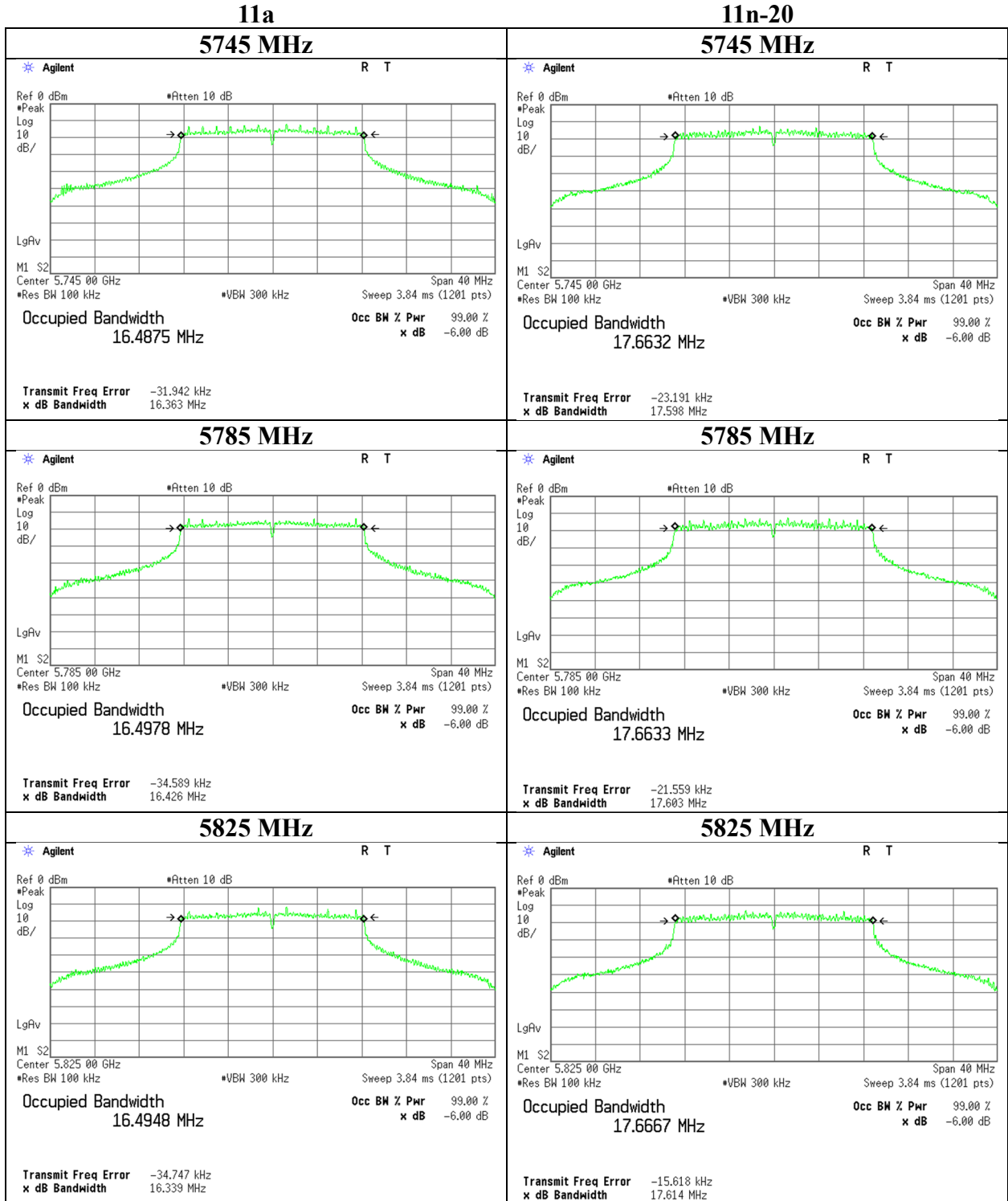
### 6 dB Bandwidth

Test place	Ise EMC Lab. No.8 Measurement Room
Date	February 8, 2022
Temperature / Humidity	24 deg. C / 24 % RH
Engineer	Kiyoshiro Okazaki
Mode	Tx

11ax-80 (OFDMA)

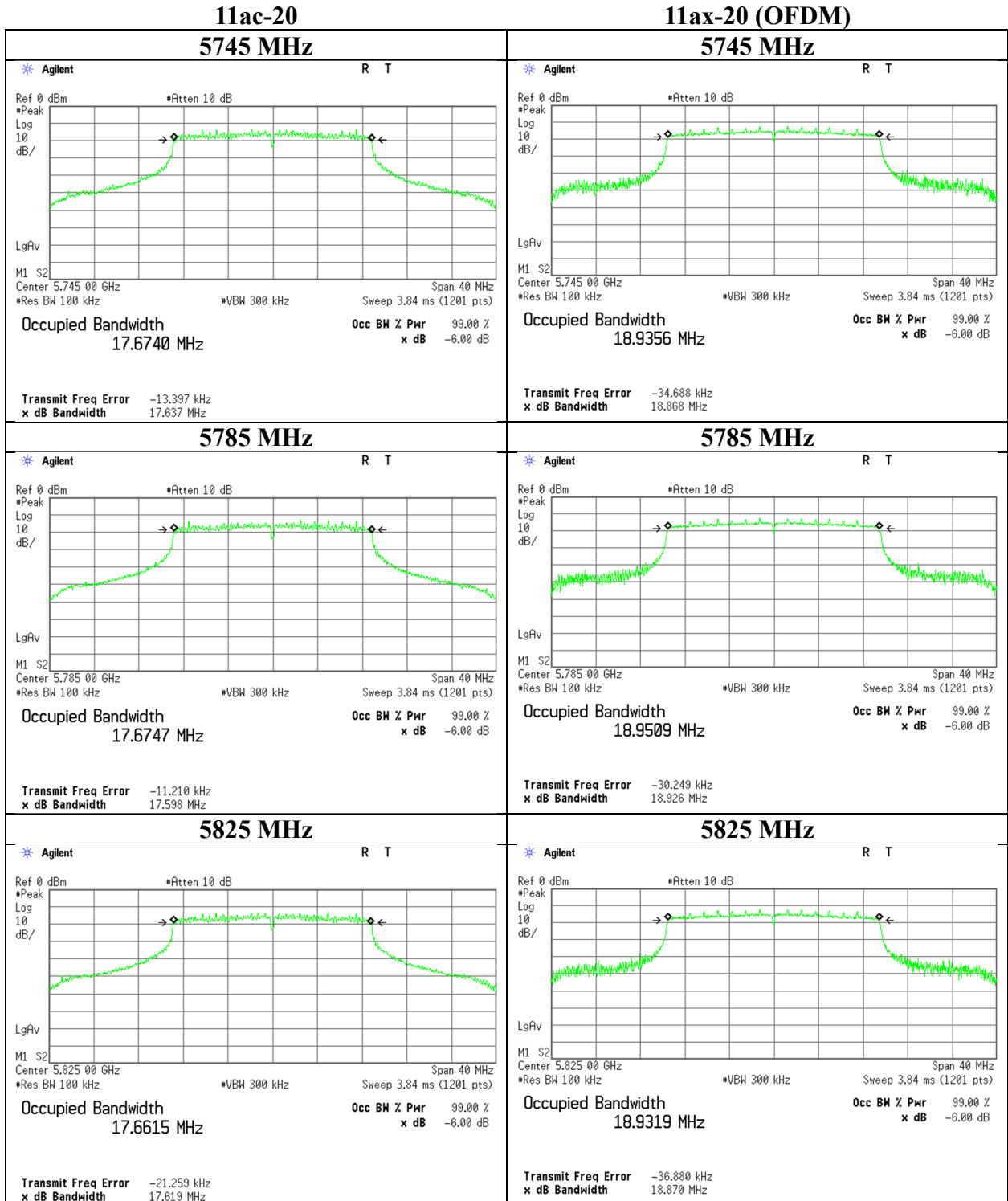
Antenna	RU Type	Tested Frequency [MHz]	RU Index	6 dB Bandwidth [MHz]	Limit [MHz]
Antenna 3	26-tone RU	5775	0	2.101	> 0.500
			18	2.632	> 0.500
			36	2.063	> 0.500
	52-tone RU	5775	37	4.129	> 0.500
			44	4.065	> 0.500
			52	4.119	> 0.500
	106-tone RU	5775	53	8.162	> 0.500
			56	8.223	> 0.500
			60	8.299	> 0.500
	242-tone RU	5775	61	18.836	> 0.500
			62	18.879	> 0.500
			64	18.674	> 0.500
	484-tone RU	5775	65	37.655	> 0.500
			66	37.682	> 0.500
	996-tone RU	5775	67	74.453	> 0.500

### 6 dB Bandwidth





### 6 dB Bandwidth

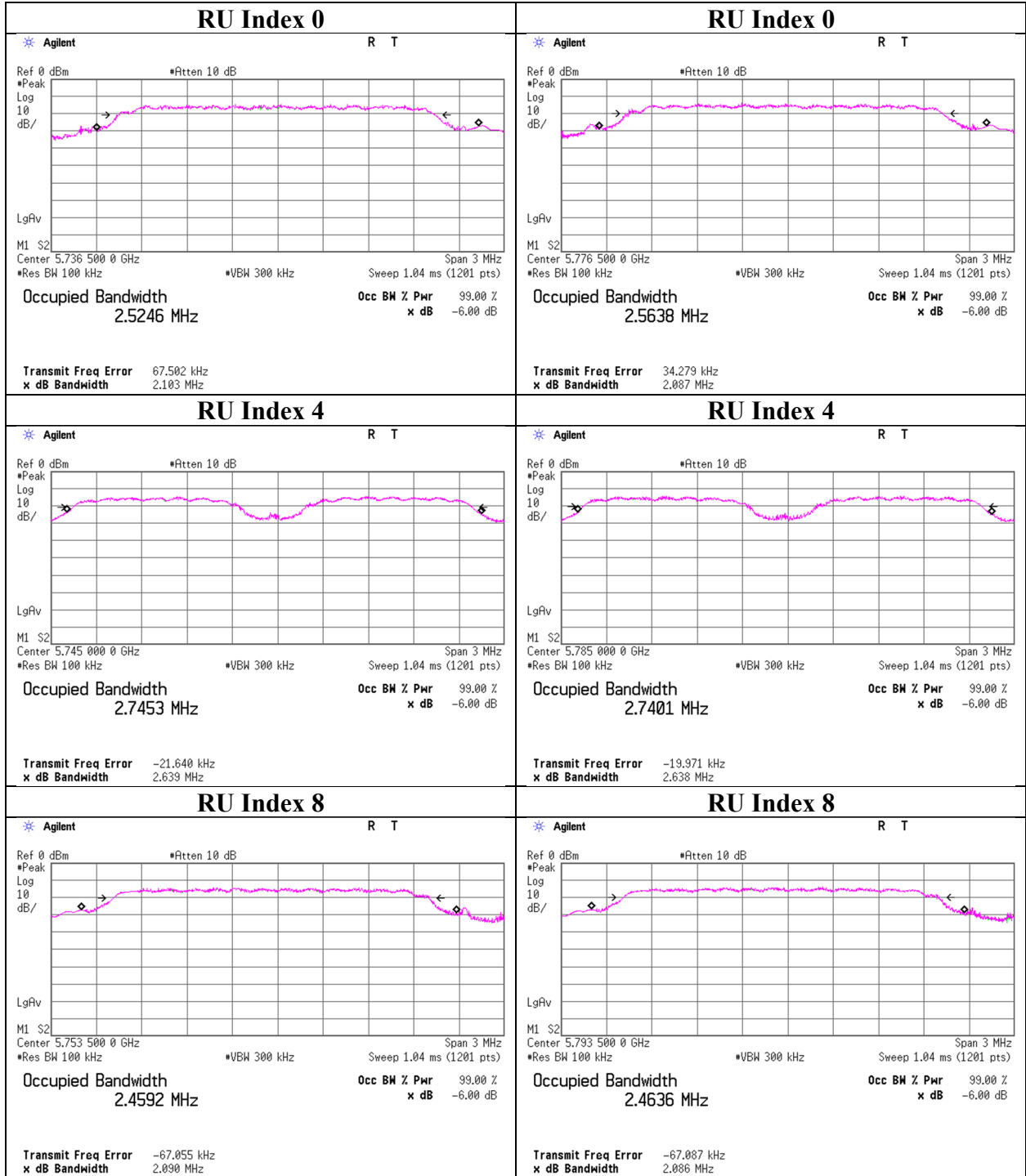


**6 dB Bandwidth**

**11ax-20 (OFDMA)**

**26-tone RU 5745 MHz**

**26-tone RU 5785 MHz**

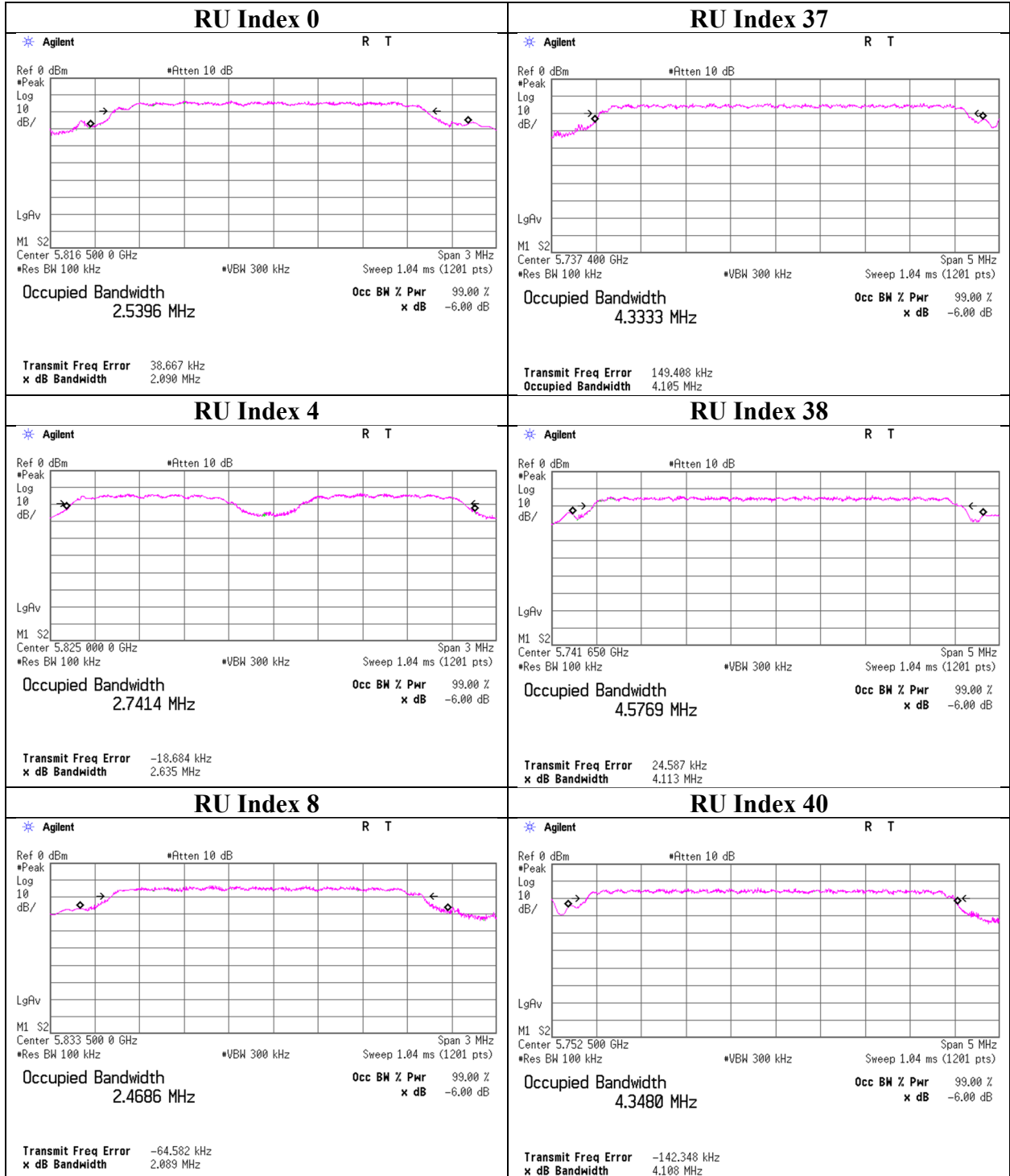


**6 dB Bandwidth**

**11ax-20 (OFDMA)**

**26-tone RU 5825 MHz**

**52-tone RU 5745 MHz**

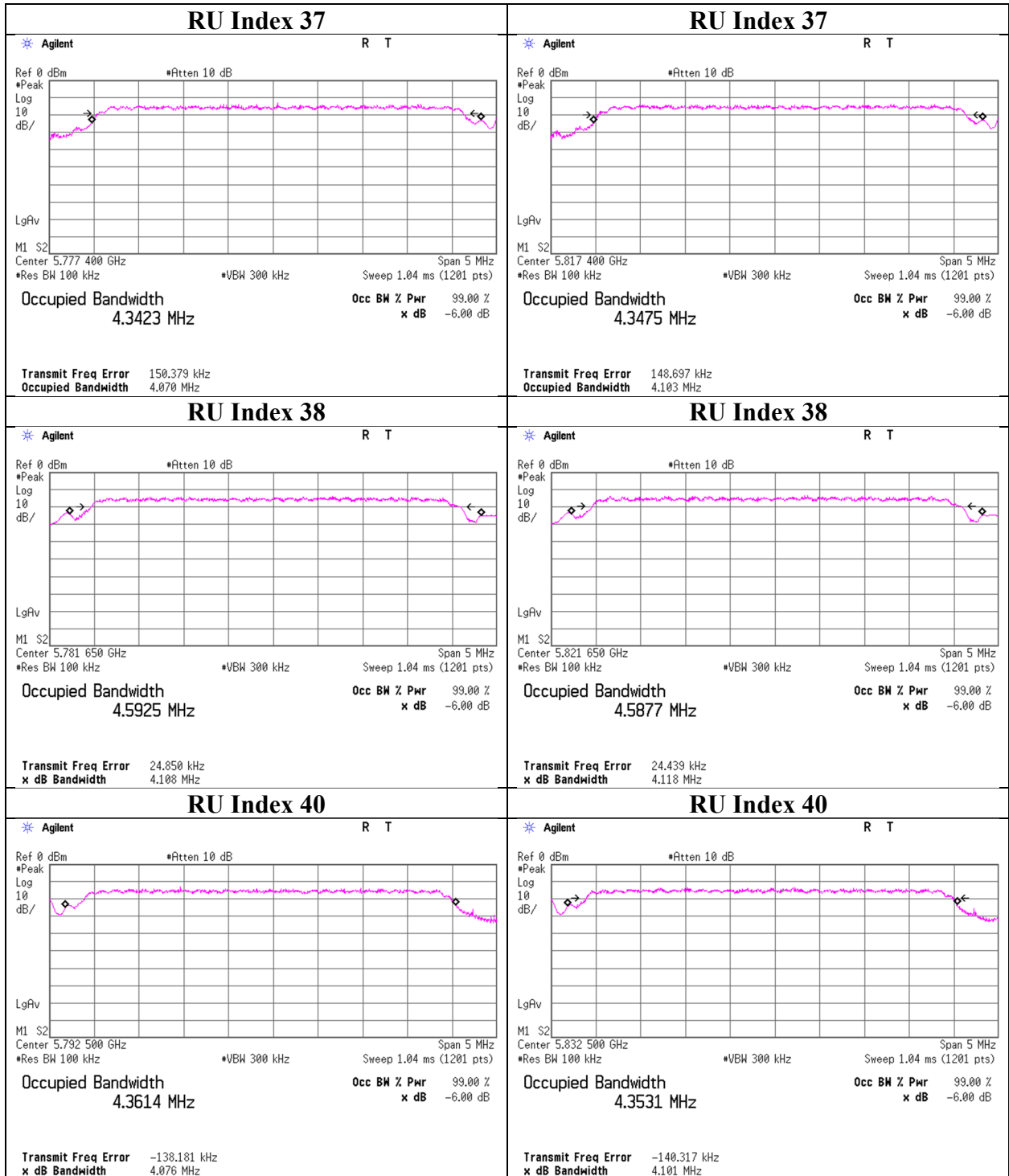


**6 dB Bandwidth**

**11ax-20 (OFDMA)**

**52-tone RU 5785 MHz**

**52-tone RU 5825 MHz**

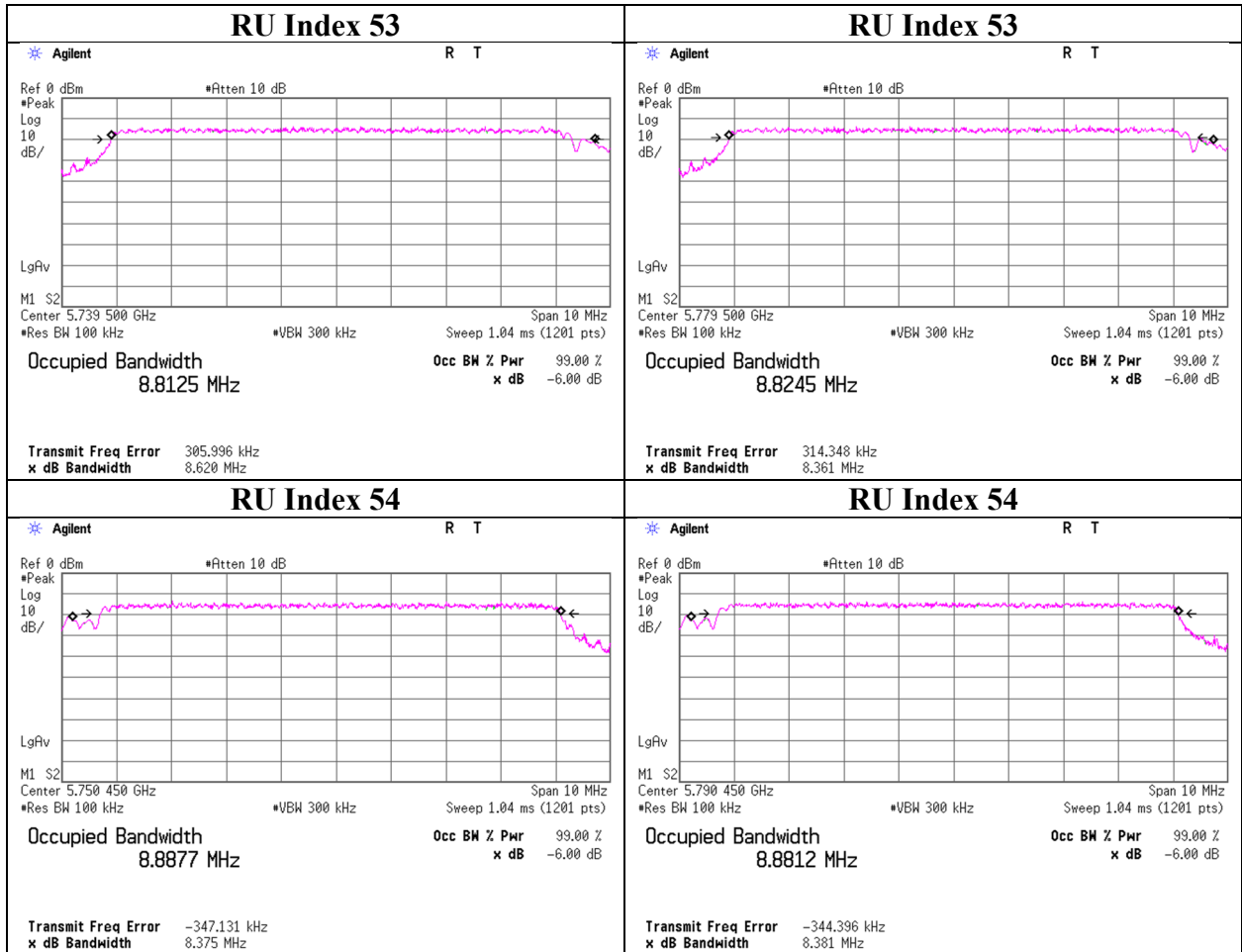


**6 dB Bandwidth**

**11ax-20 (OFDMA)**

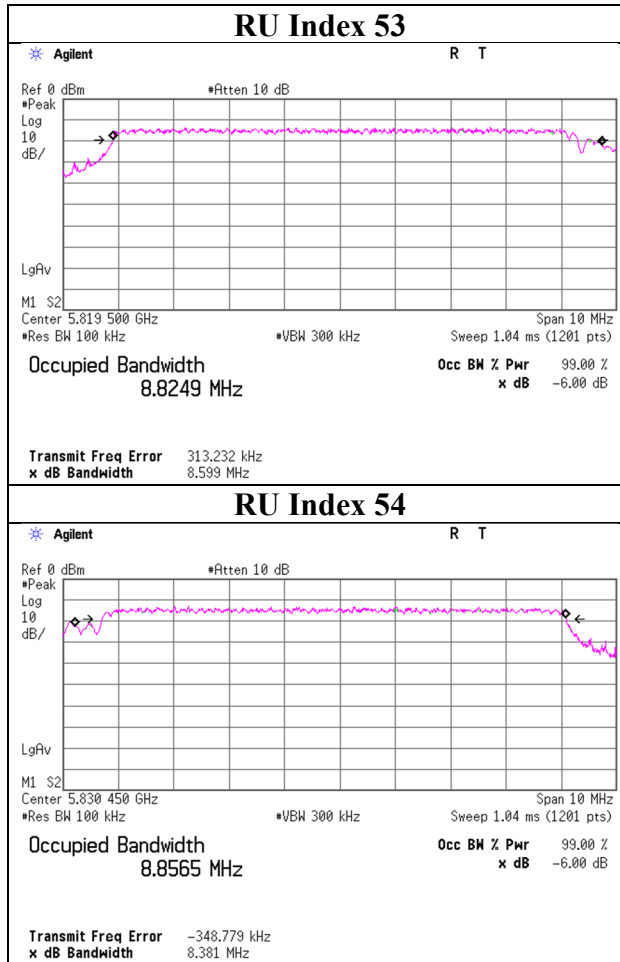
**106-tone RU 5745 MHz**

**106-tone RU 5785 MHz**



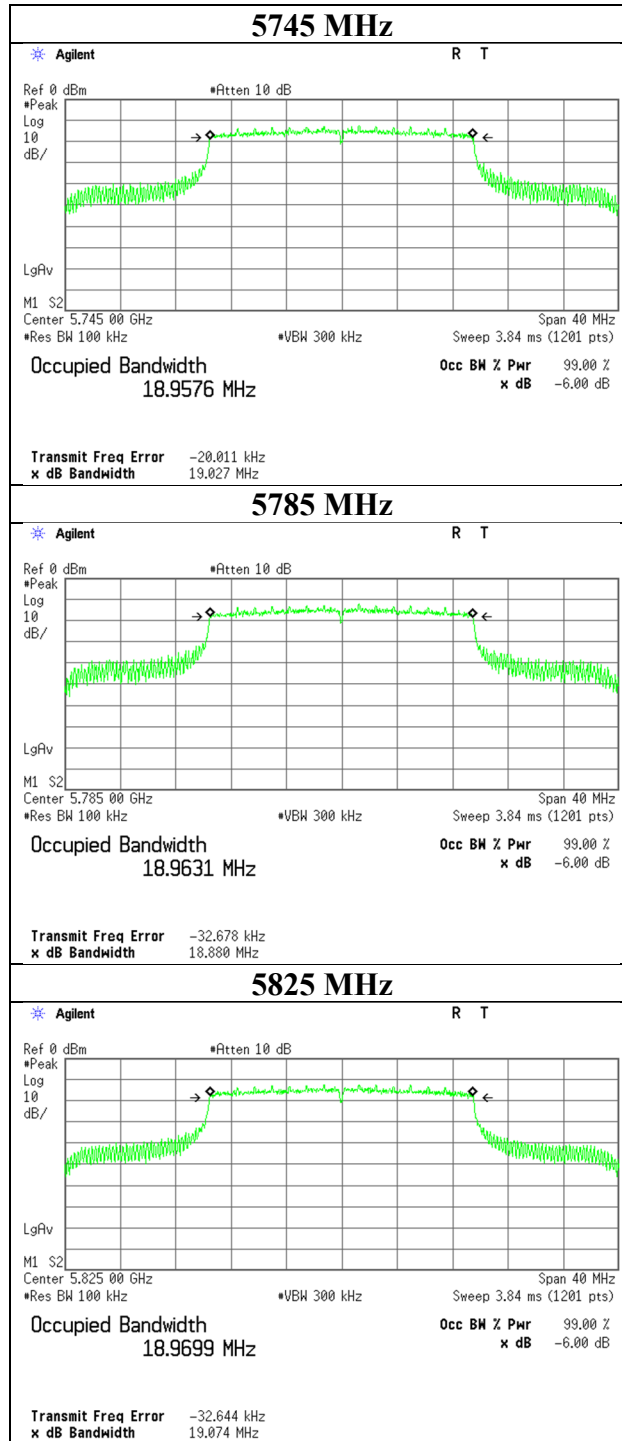
### 6 dB Bandwidth

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

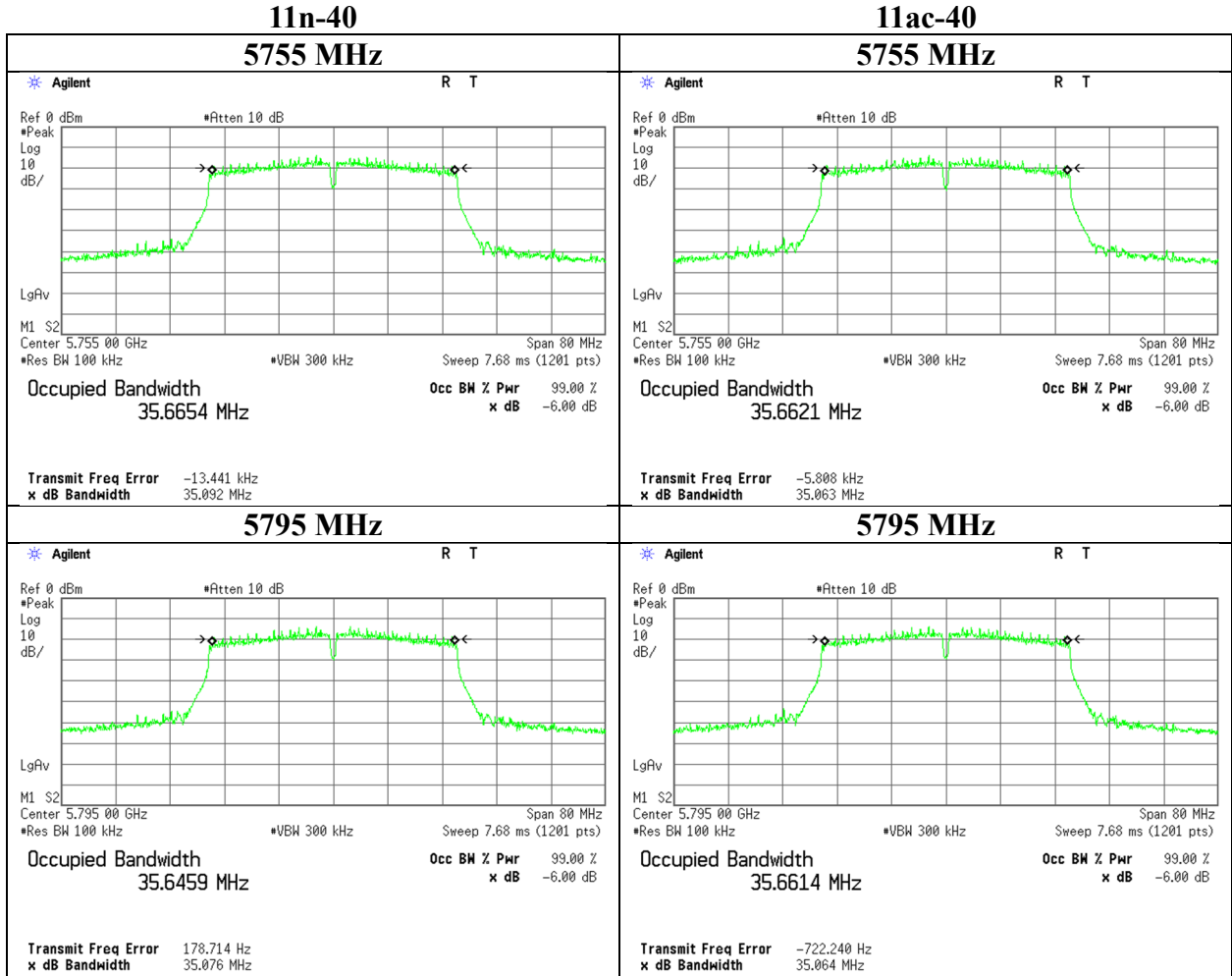


### 6 dB Bandwidth

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



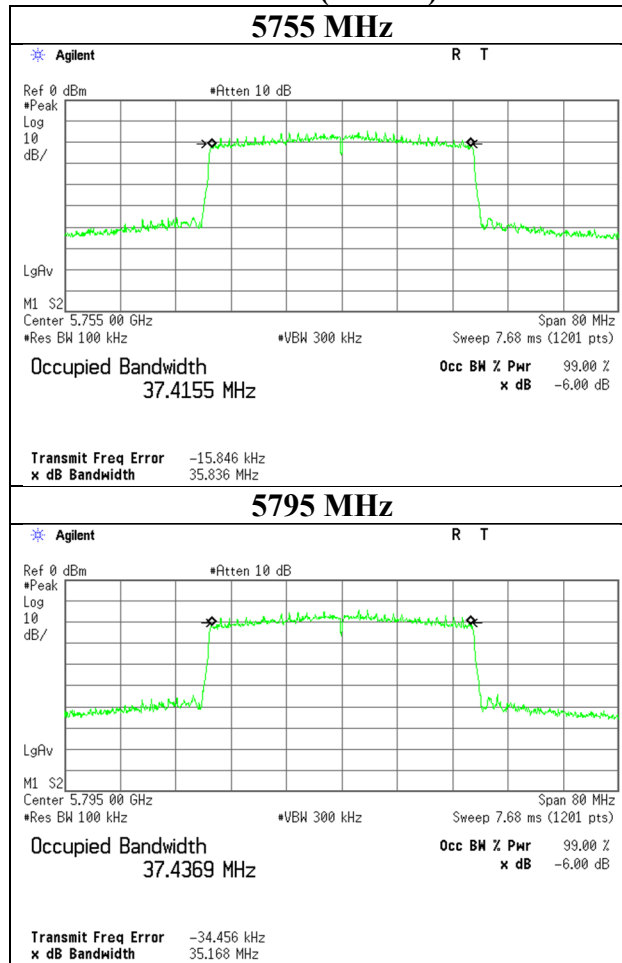
### 6 dB Bandwidth





## 6 dB Bandwidth

### 11ax-40 (OFDM)

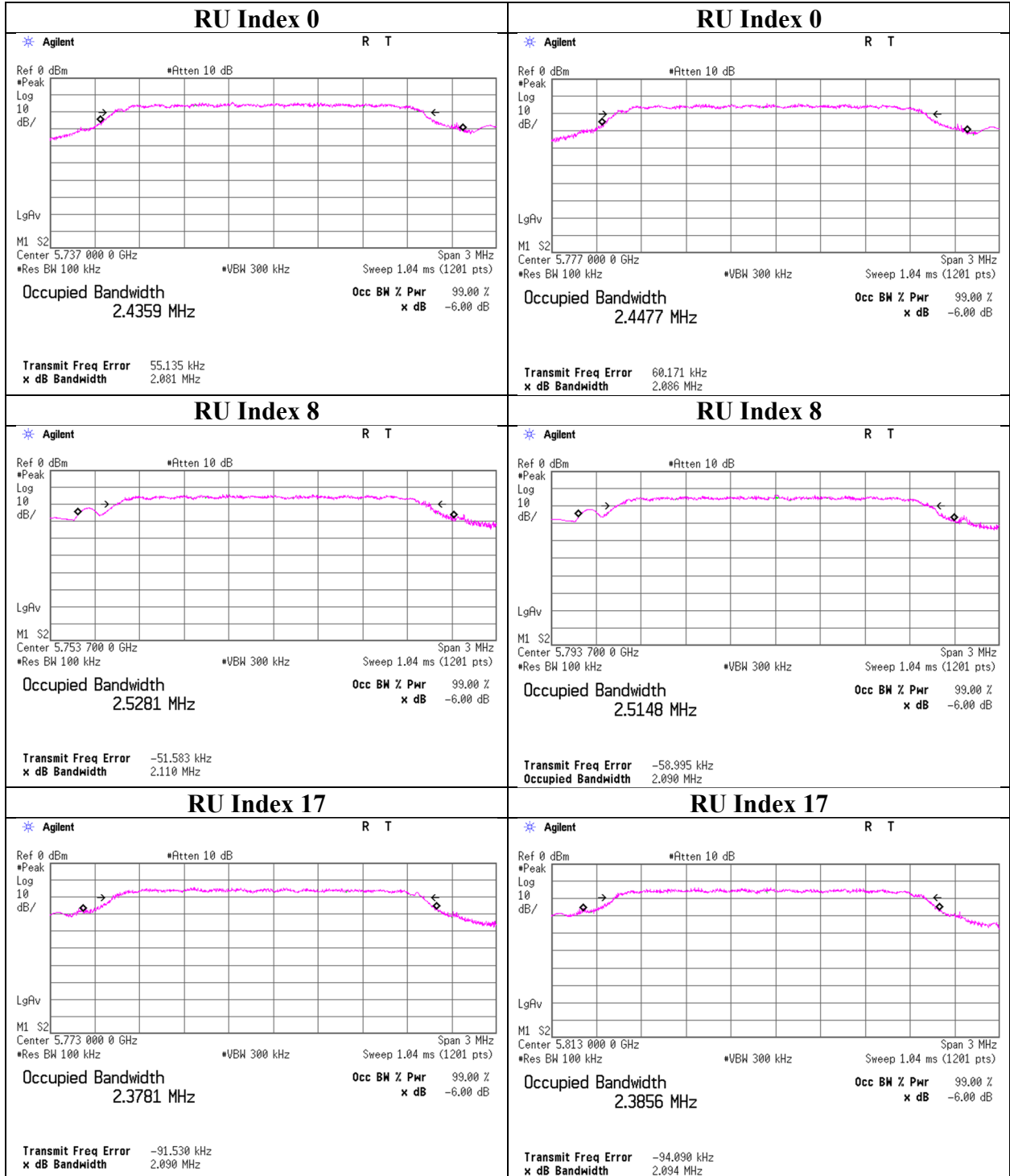


**6 dB Bandwidth**

**11ax-40 (OFDMA)**

**26-tone RU 5755 MHz**

**26-tone RU 5795 MHz**



**6 dB Bandwidth**

**11ax-40 (OFDMA)**

**52-tone RU 5755 MHz**

**52-tone RU 5795 MHz**

