

APPENDIX H: IEEE 802.11AX RU SAR EXCLUSION

1.1 IEEE 802.11ax RU SAR Exclusion

To make the most efficient use of the additional available subcarriers (data tones), IEEE 802.11ax can utilize Orthogonal Frequency-Division Multiple Access (OFDMA) which divides the existing 802.11 channels into smaller subchannels called Resource Units (RUs). Possible RU sizes are: 26T, 52T, 106T, 242T, 484T and 996T.

Per FCC Guidance, 802.11ax was considered a higher order 802.11 mode when compared to a/b/g/n/ac to apply KDB Publication 248227 D01v02r02 for OFDM mode selection. Therefore, SAR tests were not required for 802.11ax based on the maximum allowed output powers of OFDM modes and the reported SAR values. Per FCC Guidance, maximum conducted powers were performed for each RU size to demonstrate that the output powers would not be higher than the other OFDM 802.11 modes.

1.2 IEEE 802.11ax RU Target Powers

1.2.1 Maximum 802.11ax RU WLAN Output Power

Tones		SISO (ANT1) in dBm								SISO (ANT2) in dBm								MIMO (ALL) in dBm							
		2.4GHz		5GHz20MHz		5GHz40MHz		5GHz80MHz		2.4GHz		5GHz20MHz		5GHz40MHz		5GHz80MHz		2.4GHz		5GHz20MHz		5GHz40MHz		5GHz80MHz	
26T	Maximum	14	11	11	11	11	11	11	11	14	11	11	11	11	11	11	11	14	11	11	11	11	11	11	
	Nominal	13	10	10	10	10	10	10	10	13	10	10	10	10	10	10	10	13	10	10	10	10	10	10	
52T	Maximum	15	13	13	13	13	13	13	13	15	13	13	13	13	13	13	13	15	13	13	13	13	13	13	
	Nominal	14	12	12	12	12	12	12	12	14	12	12	12	12	12	12	12	14	12	12	12	12	12	12	
106T	Maximum	18	15	15	15	15	15	15	17	15	15	15	15	15	15	15	18	15	15	15	15	15	15	15	
	Nominal	ch 1: 15.0 ch 11: 15.0							ch 1: 15.0 ch 11: 15.0								ch 1: 15.0 ch 11: 15.0								
242T	Maximum	17	14	14	14	14	14	14	16	14	14	14	14	14	14	14	17	14	14	14	14	14	14	14	
	Nominal	ch 1: 15.5 Ch 2: 16.5 Ch 10: 16.5 Ch 11: 13.5	Ch 36: 15.5 Ch 64: 15.0 Ch 100: 16.0						Ch 1: 15.5 Ch 2: 16.5 Ch 10: 16.5 Ch 11: 13.5	Ch 36: 15.5 Ch 64: 15.0 Ch 100: 16.0							Ch 1: 15.5 Ch 2: 16.5 Ch 10: 16.5 Ch 11: 13.5	Ch 36: 15.5 Ch 64: 15.0 Ch 100: 16.0							
484T	Maximum	17	16	16	16	16	16	16	17	16	16	16	16	16	16	16	17	16	16	16	16	16	16	16	
	Nominal	Ch 1: 14.5 Ch 2: 15.5 Ch 10: 15.5 Ch 11: 12.5	Ch 36: 14.5 Ch 64: 14.0 Ch 100: 15.0						Ch 1: 14.5 Ch 2: 15.5 Ch 10: 15.5 Ch 11: 12.5	Ch 36: 14.5 Ch 64: 14.0 Ch 100: 15.0							Ch 1: 14.5 Ch 2: 15.5 Ch 10: 15.5 Ch 11: 12.5	Ch 36: 14.5 Ch 64: 14.0 Ch 100: 15.0							
996T	Maximum	16	15	15	15	15	15	15	16	15	15	15	15	15	15	15	16	15	15	15	15	15	15	15	
	Nominal	ch 1: 15.0 ch 11: 15.0							ch 1: 15.0 ch 11: 15.0								ch 1: 15.0 ch 11: 15.0								

1.2.2 Reduced 802.11ax RU WLAN Output Power

- Receiver Active
- Simultaneous conditions with 5G NR (FR1)
- Simultaneous conditions with 2.4 GHz WLAN and 5 GHz WLAN

Tones		SISO (ANT1) in dBm								SISO (ANT2) in dBm								MIMO (ALL) in dBm							
		2.4GHz		5GHz20MHz		5GHz40MHz		5GHz80MHz		2.4GHz		5GHz20MHz		5GHz40MHz		5GHz80MHz		2.4GHz		5GHz20MHz		5GHz40MHz		5GHz80MHz	
26T	Maximum	14	11	11	11	11	11	11	11	14	11	11	11	11	11	11	14	11	11	11	11	11	11	11	
	Nominal	13	10	10	10	10	10	10	10	13	10	10	10	10	10	10	13	10	10	10	10	10	10	10	
52T	Maximum	15	13	13	13	13	13	13	13	15	13	13	13	13	13	13	15	13	13	13	13	13	13	13	
	Nominal	14	12	12	12	12	12	12	12	14	12	12	12	12	12	12	14	12	12	12	12	12	12	12	
106T	Maximum	18	15	15	15	15	15	15	17	15	15	15	15	15	15	15	18	15	15	15	15	15	15	15	
	Nominal	ch 1: 15.0 ch 11: 15.0							ch 1: 15.0 ch 11: 15.0								ch 1: 15.0 ch 11: 15.0								
242T	Maximum	17	14	14	14	14	14	14	16	14	14	14	14	14	14	14	17	14	14	14	14	14	14	14	
	Nominal	ch 1: 15.5 Ch 2: 16.5 Ch 10: 16.5 Ch 11: 13.5	Ch 36: 15.5 Ch 64: 15.0 Ch 100: 16.0						ch 1: 15.5 Ch 2: 16.5 Ch 10: 16.5 Ch 11: 13.5	Ch 36: 15.5 Ch 64: 15.0 Ch 100: 16.0							Ch 1: 15.5 Ch 2: 16.5 Ch 10: 16.5 Ch 11: 13.5	Ch 36: 15.5 Ch 64: 15.0 Ch 100: 16.0							
484T	Maximum	17	16	16	16	16	16	16	17	16	16	16	16	16	16	16	17	16	16	16	16	16	16	16	
	Nominal	Ch 1: 14.5 Ch 2: 15.5 Ch 10: 15.5 Ch 11: 12.5	Ch 36: 14.5 Ch 64: 14.0 Ch 100: 15.0						Ch 1: 14.5 Ch 2: 15.5 Ch 10: 15.5 Ch 11: 12.5	Ch 36: 14.5 Ch 64: 14.0 Ch 100: 15.0							Ch 1: 14.5 Ch 2: 15.5 Ch 10: 15.5 Ch 11: 12.5	Ch 36: 14.5 Ch 64: 14.0 Ch 100: 15.0							
996T	Maximum	16	15	15	15	15	15	15	16	15	15	15	15	15	15	15	16	15	15	15	15	15	15	15	
	Nominal	ch 1: 15.0 ch 11: 15.0							ch 1: 15.0 ch 11: 15.0								ch 1: 15.0 ch 11: 15.0								

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1.2.3 Reduced 802.11ax RU WLAN Output Power



- During Conditions with Simultaneous 2.4 GHz WLAN and 5 GHz WLAN and 5G NR
- RCV active during simultaneous conditions with 5G NR
- Simultaneous conditions with 5G NR (FR2)

Tones		ch 1				SISO (ANT2) in dBm				MIMO (ALL) in dBm			
		2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz	2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz	2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz
26T	Maximum	14	11	11	11	14	11	11	11	14	11	11	11
	Nominal	13	10	10	10	13	10	10	10	13	10	10	10
52T	Maximum	15	11	11	11	15	11	11	11	15	13	13	13
	Nominal	14	10	10	10	14	10	10	10	14	12	12	12
106T	Maximum	16	11	11	11	16	11	11	11	16	14	14	14
		ch 1: 15.0 ch 11: 15.0				ch 1: 15.0 ch 11: 15.0				ch 1: 15.0 ch 11: 15.0			
	Nominal	15	10	10	10	15	10	10	10	17	13	13	13
		ch 1: 14.0 ch 11: 14.0				ch 1: 14.0 ch 11: 14.0				ch 1: 14.0 ch 11: 14.0			
242T	Maximum	16	11	11	11	16	11	11	11	17	14	14	14
		ch 1: 15.5 ch 11: 13.5				ch 1: 15.5 ch 11: 13.5				Ch 1: 15.5 Ch 2: 16.5 Ch 10: 16.5 Ch 11: 13.5			
	Nominal	15	10	10	10	15	10	10	10	17	13	13	13
		ch 1: 14.5 ch 11: 12.5				ch 1: 14.5 ch 11: 12.5				Ch 1: 14.5 Ch 2: 15.5 Ch 10: 15.5 Ch 11: 12.5			
484T	Maximum			11	11			11	11			14	14
	Nominal			10	10			10	10			13	13
996T	Maximum											14	14
												Ch 38: 13.5 Ch 42: 13.5 Ch 62: 13.5 Ch 58: 13.0 Ch 106: 13.5	Ch 42: 13.5 Ch 58: 12.5 Ch 106: 13.5
	Nominal											13	13
												Ch 38: 12.5 Ch 42: 12.5 Ch 62: 12.5 Ch 58: 12.0 Ch 106: 12.5	Ch 42: 12.5 Ch 58: 11.5 Ch 106: 12.5

1.2.4 Reduced 802.11ax RU WLAN Output Power

- During Conditions with Receiver Active during simultaneous conditions with 5G NR and 2.4 GHz WLAN and 5 GHz WLAN

Tones		SISO (ANT1) in dBm				SISO (ANT2) in dBm				MIMO (ALL) in dBm			
		2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz	2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz	2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz
26T	Maximum	13	11	11	11	13	11	11	11	14	11	11	11
	Nominal	12	10	10	10	12	10	10	10	13	10	10	10
52T	Maximum	13	11	11	11	13	11	11	11	15	13	13	13
	Nominal	12	10	10	10	12	10	10	10	14	12	12	12
106T	Maximum	13	11	11	11	13	11	11	11	16	14	14	14
										ch 1: 15.0 ch 11: 15.0			
	Nominal	12	10	10	10	12	10	10	10	15	13	13	13
										Ch 1: 14.0 Ch 11: 14.0			
242T	Maximum	13	11	11	11	13	11	11	11	16	14	14	14
										Ch 1: 15.5 Ch 11: 13.5			
	Nominal	12	10	10	10	12	10	10	10	15	13	13	13
										Ch 1: 14.5 Ch 11: 12.5			
484T	Maximum			11	11			11	11			14	14
	Nominal			10	10			10	10			13	13
996T	Maximum											14	14
												Ch 38: 13.5 Ch 42: 13.5 Ch 62: 13.5 Ch 58: 13.0 Ch 106: 13.5	Ch 42: 13.5 Ch 58: 12.5 Ch 106: 13.5
	Nominal											13	13
												Ch 38: 12.5 Ch 42: 12.5 Ch 62: 12.5 Ch 58: 12.0 Ch 106: 12.5	Ch 42: 12.5 Ch 58: 11.5 Ch 106: 12.5

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1.2.5 Reduced 802.11ax RU WLAN Output Power

- Receiver Active During Conditions with Simultaneous 2.4 GHz WLAN and 5 GHz WLAN

Tones		SISO (ANT1) in dBm				SISO (ANT2) in dBm				MIMO (ALL) in dBm			
		2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz	2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz	2.4GHz	5GHz20MHz	5GHz40MHz	5GHz80MHz
26T	Maximum	13	11	11	11	13	11	11	11	14	11	11	11
	Nominal	12	10	10	10	12	10	10	10	13	10	10	10
52T	Maximum	13	13	13	13	13	13	13	13	15	13	13	13
	Nominal	12	12	12	12	12	12	12	12	14	12	12	12
106T	Maximum	13	13	13	13	13	13	13	13	15	15	15	15
	Nominal	12	12	12	12	12	12	12	12	14	14	14	14
242T	Maximum	13	13	13	13	13	13	13	13	16	16	16	16
	Nominal	12	12	12	12	12	12	12	12	15	15	15	15
484T	Maximum			13	13			13	13			14	14
	Nominal			12	12			12	12			13	13
996T	Maximum			13	13			13	13			14	14
	Nominal			12	12			12	12			13	13

1.3 IEEE 802.11ax Measured Powers

Table 1
Maximum 2.4 GHz 802.11ax RU Output Power – Ant 1

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	13.81	2412	1	52T	37	14.11
			4	13.61				38	14.47
			8	13.12				40	14.59
2437	6	26T	0	13.73	2437	6	52T	37	14.55
			4	13.29				38	14.61
			8	13.68				40	14.59
2462	11	26T	0	13.27	2462	11	52T	37	14.96
			4	13.68				38	14.33
			8	13.23				40	14.18
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	106T	53	14.17	2412	1	242T	61	15.32
			54	14.24					
2417	2	106T	53	17.48	2417	2	242T	61	16.48
			54	17.99					
2437	6	106T	53	17.28	2437	6	242T	61	17.25
			54	17.42					
2457	10	106T	53	17.99	2457	10	242T	61	16.37
			54	17.99					
2462	11	106T	53	14.58	2462	11	242T	61	13.01
			54	14.20					




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Table 2
Maximum 2.4 GHz 802.11ax RU Output Power – Ant 2

Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)	Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)
2412	1	26T	0	13.43	2412	1	52T	37	14.43
			4	13.90				38	14.98
			8	13.64				40	14.27
2437	6	26T	0	13.74	2437	6	52T	37	14.81
			4	13.89				38	14.68
			8	13.65				40	14.51
2462	11	26T	0	13.81	2462	11	52T	37	14.53
			4	13.57				38	14.94
			8	13.76				40	14.77
Freq [MHz]	Channel	Tones	RU Index	Avg Conducted Powers (dBm)					
2412	1	106T	53	14.08					
			54	14.76					
2417	2	106T	53	16.30	2412	1	242T	61	14.72
			54	16.62					
2437	6	106T	53	16.25	2417	2	242T	61	15.55
			54	16.22					
2457	10	106T	53	16.90	2437	6	242T	61	16.40
			54	16.44					
2462	11	106T	53	14.17	2457	10	242T	61	15.53
			54	14.14					
					2462	11	242T	61	13.26






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Table 3
Maximum 5 GHz 802.11ax RU Output Power – Ant 1

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)				
					RU Index								RU Index				
					0	4	8						37	39	40		
20MHz BW	1	5180	36	26T	10.39	10.83	10.56	20MHz BW	1	5180	36	52T	12.25	12.52	12.51		
		5200	40	26T	10.16	10.54	10.39			5200	40	52T	12.31	12.52	12.34		
		5240	48	26T	10.21	10.52	10.37			5240	48	52T	12.25	12.53	12.38		
	2A	5260	52	26T	10.19	10.47	10.30		2A	5260	52	52T	12.20	12.43	12.35		
		5280	56	26T	10.23	10.50	10.39			5280	56	52T	12.36	12.53	12.41		
		5320	64	26T	10.30	10.60	10.36			5320	64	52T	12.41	12.62	12.45		
	2C	5500	100	26T	10.41	10.72	10.52		2C	5500	100	52T	12.51	12.63	12.49		
		5600	120	26T	10.49	10.69	10.39			5600	120	52T	12.41	12.64	12.43		
		5720	144	26T	10.33	10.72	10.42			5720	144	52T	12.36	12.54	12.38		
	3	5745	149	26T	10.63	10.90	10.54		3	5745	149	52T	12.50	12.61	12.44		
		5785	157	26T	10.52	10.92	10.67			5785	157	52T	12.44	12.64	12.53		
		5825	165	26T	10.47	10.87	10.61			5825	165	52T	12.43	12.65	12.50		
	20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
						RU Index								RU Index			
						53	54							N/A	61	N/A	N/A
20MHz BW	1	5180	36	106T	14.23	14.37		20MHz BW	1	5180	36	242T	15.45				
		5200	40	106T	14.24	14.32				5200	40	242T	17.86				
		5240	48	106T	14.25	14.40				5240	48	242T	17.86				
	2A	5260	52	106T	14.99	14.99			2A	5260	52	242T	17.52				
		5280	56	106T	14.99	14.18				5280	56	242T	17.65				
		5320	64	106T	14.34	14.99				5320	64	242T	14.47				
	2C	5500	100	106T	14.26	14.19			2C	5500	100	242T	15.48				
		5600	120	106T	14.25	14.25				5600	120	242T	17.50				
		5720	144	106T	14.75	14.86				5720	144	242T	17.31				
	3	5745	149	106T	14.38	14.32			3	5745	149	242T	17.14				
		5785	157	106T	14.38	14.49				5785	157	242T	17.41				
		5825	165	106T	14.33	14.40				5825	165	242T	17.25				
	40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
						RU Index								RU Index			
						0	8							17	37	40	44
40MHz BW	1	5190	38	26T	10.68	10.86	10.83	40MHz BW	1	5190	38	52T	12.99	12.84	12.99		
		5230	46	26T	10.72	10.93	10.76			5230	46	52T	12.99	12.93	12.99		
		5270	54	26T	10.45	10.63	10.62			5270	54	52T	12.79	12.77	12.86		
	2A	5310	62	26T	10.62	10.71	10.56		2A	5310	62	52T	12.83	12.76	12.81		
		5510	102	26T	10.76	10.84	10.18			5510	102	52T	12.14	12.99	12.31		
		5590	118	26T	10.77	10.86	10.99			5590	118	52T	12.13	12.83	12.99		
	2C	5710	142	26T	10.82	10.97	10.89		2C	5710	142	52T	12.95	12.78	12.92		
		5755	151	26T	10.25	10.33	10.33			5755	151	52T	12.29	12.99	12.39		
		5795	159	26T	10.58	10.36	10.71			5795	159	52T	12.70	12.99	12.91		
	40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
						RU Index								RU Index			
						53	54							56	61	62	N/A
	40MHz BW	1	5190	38	106T	14.15	14.77		14.10	40MHz BW	1	5190	38	242T	16.22	16.20	
			5230	46	106T	14.20	14.75		14.11			5230	46	242T	16.22	16.13	
			5270	54	106T	14.88	14.48		14.97			5270	54	242T	16.94	16.91	
2A		5310	62	106T	14.90	14.70	14.88	2A	5310		62	242T	16.99	16.81			
		5510	102	106T	14.18	14.70	14.37		5510		102	242T	16.80	16.96			
		5590	118	106T	14.19	14.55	14.11		5590		118	242T	16.68	16.75			
2C		5710	142	106T	14.76	14.47	14.98	2C	5710		142	242T	16.65	16.76			
		5755	151	106T	14.34	14.90	14.50		5755		151	242T	16.44	16.50			
		5795	159	106T	14.87	14.81	14.17		5795		159	242T	16.19	16.38			

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1	5190	38	484T	13.31			
	5230	46	484T	16.99			
	5270	54	484T	16.71			
	5310	62	484T	13.22			
	5590	118	484T	16.77			
2A	5710	142	484T	16.74			
	5755	151	484T	16.38			
2C	5795	159	484T	16.33			
80MHz BW	1	5210	42	52T	12.99	12.27	12.98
	2A	5290	58	52T	12.67	12.30	12.81
	2C	5530	106	52T	12.26	12.63	12.19
5610		122	52T	12.97	12.35	12.96	
5690		138	52T	12.98	12.29	12.75	
3	5775	155	52T	12.17	12.62	12.33	
80MHz BW	1	5210	42	106T	14.99	14.38	14.99
	2A	5290	58	106T	14.69	14.22	14.83
	2C	5530	106	106T	14.99	14.45	14.99
5610		122	106T	14.90	14.29	14.78	
5690		138	106T	14.79	14.94	14.68	
3	5775	155	106T	14.17	14.49	14.33	
80MHz BW	1	5210	42	242T	15.32	15.55	15.25
	2A	5290	58	242T	15.97	15.36	15.93
	2C	5530	106	242T	15.88	15.39	15.94
5610		122	242T	15.74	15.18	15.73	
5690		138	242T	15.62	15.20	15.65	
3	5775	155	242T	15.30	15.63	15.46	
80MHz BW	1	5210	42	484T	13.31	13.27	N/A
	2A	5290	58	484T	12.23	12.29	N/A
	2C	5530	106	484T	12.84	12.91	N/A
5610		122	484T	15.80	15.99	N/A	
5690		138	484T	15.87	15.99	N/A	
3	5775	155	484T	15.18	15.26	N/A	
80MHz BW	1	5210	42	996T	13.35	N/A	N/A
	2A	5290	58	996T	12.31	N/A	N/A
	2C	5530	106	996T	12.92	N/A	N/A
5610		122	996T	15.52	N/A	N/A	
5690		138	996T	15.50	N/A	N/A	
3	5775	155	996T	15.10	N/A	N/A	



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Table 4
Maximum 5 GHz 802.11ax RU Output Power – Ant 2

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					0	4	8						37	39	40	
20MHz BW	1	5180	36	26T	10.13	10.50	10.31	20MHz BW	1	5180	36	52T	12.17	12.45	12.34	
		5200	40	26T	10.21	10.59	10.36			5200	40	52T	12.29	12.48	12.32	
		5240	48	26T	10.28	10.62	10.40			5240	48	52T	12.31	12.49	12.40	
	2A	5260	52	26T	10.22	10.56	10.27		20MHz BW	2A	5260	52	52T	12.27	12.50	12.38
		5280	56	26T	10.23	10.67	10.43				5280	56	52T	12.35	12.63	12.55
		5320	64	26T	10.74	10.76	10.61				5320	64	52T	12.53	12.89	12.64
	2C	5500	100	26T	10.27	10.50	10.24		20MHz BW	2C	5500	100	52T	12.40	12.51	12.29
		5600	120	26T	10.30	10.45	10.10				5600	120	52T	12.31	12.35	12.18
		5720	144	26T	10.99	10.16	10.92				5720	144	52T	12.99	12.14	12.85
3	5745	149	26T	10.72	10.78	10.41	20MHz BW	3	5745	149	52T	12.52	12.55	12.32		
	5785	157	26T	10.50	10.92	10.56			5785	157	52T	12.47	12.60	12.37		
	5825	165	26T	10.27	10.64	10.27			5825	165	52T	12.26	12.48	12.19		

20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			20MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					53	54	N/A						61	N/A	N/A	
20MHz BW	1	5180	36	106T	14.14	14.32		20MHz BW	1	5180	36	242T	15.21			
		5200	40	106T	14.27	14.28				5200	40	242T	16.75			
		5240	48	106T	14.32	14.47				5240	48	242T	16.71			
	2A	5260	52	106T	14.31	14.33			20MHz BW	2A	5260	52	242T	16.78		
		5280	56	106T	14.46	14.58					5280	56	242T	16.89		
		5320	64	106T	14.60	14.65					5320	64	242T	14.49		
	2C	5500	100	106T	14.43	14.39			20MHz BW	2C	5500	100	242T	15.31		
		5600	120	106T	14.38	14.23					5600	120	242T	16.87		
		5720	144	106T	14.96	14.83					5720	144	242T	16.43		
3	5745	149	106T	14.44	14.20		20MHz BW	3	5745	149	242T	16.67				
	5785	157	106T	14.39	14.33				5785	157	242T	16.38				
	5825	165	106T	14.99	14.99				5825	165	242T	16.21				

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					0	8	17						37	40	44	
40MHz BW	1	5190	38	26T	10.65	10.68	10.68	40MHz BW	1	5190	38	52T	12.90	12.69	12.89	
		5230	46	26T	10.83	10.84	10.71			5230	46	52T	12.87	12.73	12.95	
		5270	54	26T	10.48	10.69	10.62			5270	54	52T	12.90	12.77	12.99	
	2A	5310	62	26T	10.56	10.82	10.58		40MHz BW	2A	5310	62	52T	12.99	12.88	12.99
		5510	102	26T	10.43	10.39	10.48				5510	102	52T	12.86	12.55	12.92
		5590	118	26T	10.51	10.40	10.23				5590	118	52T	12.74	12.47	12.63
	2C	5710	142	26T	10.25	10.24	10.14		40MHz BW	2C	5710	142	52T	12.65	12.35	12.52
		5755	151	26T	10.85	10.78	10.76				5755	151	52T	12.20	12.91	12.15
		5795	159	26T	10.51	10.83	10.46				5795	159	52T	12.59	12.83	12.54

40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)			
					RU Index								RU Index			
					53	54	56						61	62	N/A	
40MHz BW	1	5190	38	106T	14.93	14.67	14.91	40MHz BW	1	5190	38	242T	15.84	15.72		
		5230	46	106T	14.98	14.66	14.97			5230	46	242T	15.85	15.73		
		5270	54	106T	14.14	14.67	14.18			5270	54	242T	15.97	15.94		
	2A	5310	62	106T	14.16	14.84	14.17		40MHz BW	2A	5310	62	242T	15.32	15.34	
		5510	102	106T	14.09	14.52	14.18				5510	102	242T	15.99	15.99	
		5590	118	106T	14.99	14.41	14.88				5590	118	242T	15.87	15.90	
	2C	5710	142	106T	14.76	14.22	14.65		40MHz BW	2C	5710	142	242T	15.65	15.68	
		5755	151	106T	14.22	14.74	14.19				5755	151	242T	15.81	15.97	
		5795	159	106T	14.85	14.59	14.78				5795	159	242T	15.66	15.72	

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40MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	N/A	N/A
1	5190	38	484T	13.26			
	5230	46	484T	15.72			
2A	5270	54	484T	15.61			
	5310	62	484T	13.38			
2C	5510	102	484T	13.48			
	5590	118	484T	15.75			
	5710	142	484T	15.61			
3	5755	151	484T	15.94			
	5795	159	484T	15.44			

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					37	44	52
1	5210	42	52T	12.73	12.14	12.86	
2A	5290	58	52T	12.71	12.20	12.99	
2C	5530	106	52T	12.91	12.12	12.73	
	5610	122	52T	12.74	12.89	12.51	
	5690	138	52T	12.71	12.77	12.28	
3	5775	155	52T	12.99	12.31	12.81	




80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					61	62	64
1	5210	42	242T	14.74	14.95	14.76	
2A	5290	58	242T	14.86	14.15	14.83	
2C	5530	106	242T	14.99	14.99	14.99	
	5610	122	242T	14.98	14.93	14.82	
	5690	138	242T	14.81	14.78	14.63	
3	5775	155	242T	14.84	14.93	14.82	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					67	N/A	N/A
1	5210	42	996T	13.04			
2A	5290	58	996T	11.82			
2C	5530	106	996T	12.97			
	5610	122	996T	14.99			
	5690	138	996T	14.67			
3	5775	155	996T	14.99			

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					0	18	36
1	5210	42	26T	10.56	10.25	10.75	
2A	5290	58	26T	10.50	10.23	10.71	
2C	5530	106	26T	10.65	10.22	10.52	
	5610	122	26T	10.60	10.99	10.26	
	5690	138	26T	10.50	10.86	10.17	
3	5775	155	26T	10.99	10.73	10.87	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					53	56	60
1	5210	42	106T	14.79	14.17	14.85	
2A	5290	58	106T	14.89	14.25	14.99	
2C	5530	106	106T	14.11	14.16	14.99	
	5610	122	106T	14.99	14.99	14.68	
	5690	138	106T	14.82	14.87	14.47	
3	5775	155	106T	14.99	14.22	14.89	

80MHz BW	Band	Freq [MHz]	Channel	Tones	Avg Conducted Power (dBm)		
					RU Index		
					65	66	N/A
1	5210	42	484T	13.11	13.17		
2A	5290	58	484T	12.17	12.23		
2C	5530	106	484T	13.27	13.47		
	5610	122	484T	14.62	14.65		
	5690	138	484T	14.53	14.42		
3	5775	155	484T	14.68	14.65		

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