

A.3 EMISSION/OCCUPIED BANDWIDTH

Test Date	2022/03/22	Temp./Hum.	22°C/62%
Cable Loss	1.20dB	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)		

A.3.1 Emission/Occupied Bandwidth Result

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit		
			Emission (26dB)	Occupied (99%)			
802.11a	1	5180	23.86	16.541	Reference only		
		5200	22.56	16.598			
		5240	22.49	16.585			
	2A	5260	22.62	16.582			
		5300	22.80	16.594			
		5320	22.89	16.653			
	2C	5500	22.21	16.622			
		5580	23.00	16.569			
		5700	22.65	16.560			
		5720	22.95	16.737			
		U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit	
				Emission (6dB)		Occupied (99%)	
		3	5745	16.27		16.636	≥ 500kHz
	5785		16.07	16.639			
	5825		16.36	16.687			

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11n- HT20	1	5180	23.84	17.748	Reference only
		5200	23.59	17.751	
		5240	22.93	17.732	
	2A	5260	23.00	17.729	
		5300	23.17	17.689	
		5320	23.22	17.692	
	2C	5500	23.48	17.793	
		5580	23.54	17.688	
		5700	23.53	17.795	
	2C	5720	22.64	17.697	
U-NII Band		Centre Frequency (MHz)	Bandwidth (MHz)		Limit
Emission (6dB)		Occupied (99%)			
3	3	5745	17.54	17.736	≥ 500kHz
		5785	16.19	17.693	
		5825	17.55	17.764	

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit	
			Emission (26dB)	Occupied (99%)		
802.11n- HT40	1	5190	41.72	35.971	Reference only	
		5230	41.12	35.997		
	2A	5270	41.76	36.010		
		5310	40.84	36.071		
	2C	5510	40.11	36.027		
		5550	41.55	36.159		
		5670	41.72	36.073		
	2C	5710	41.01	36.003		
		U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
	Emission (6dB)	Occupied (99%)				
3	3	5755	34.92	36.040	≥ 500kHz	
		5795	33.83	36.084		

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit	
			Emission (26dB)	Occupied (99%)		
802.11ac- VHT80	1	5210	81.29	76.042	Reference only	
	2A	5290	81.12	76.011		
		2C	5530	82.27		76.000
	5610		80.80	75.922		
	5690		82.31	75.950		
	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)			Limit
	Emission (6dB)	Occupied (99%)				
3	3	5775	76.52	75.995	≥ 500kHz	

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ac- VHT160	1/2A	5250	163.1	153.59	Reference only
	2C	5570	162.2	153.35	

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ax-HE20	1	5180	21.28	18.960	Reference only
		5200	21.20	18.959	
		5240	21.25	19.009	
	2A	5260	21.23	18.959	
		5300	21.75	19.012	
		5320	21.48	19.030	
	2C	5500	21.15	18.955	
		5580	21.65	18.969	
		5700	20.80	18.977	
	U-NII Band	3	5720	21.04	
Centre Frequency (MHz)			Bandwidth (MHz)		
			Emission (6dB)	Occupied (99%)	
5745			19.13	18.982	
		5785	19.09	19.006	
		5825	18.99	18.967	

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit		
			Emission (26dB)	Occupied (99%)			
802.11ax-HE40	1	5190	40.79	37.858	Reference only		
		5230	41.17	37.849			
	2A	5270	41.09	37.803			
		5310	40.36	37.822			
	2C	5510	40.56	37.772			
		5550	40.40	37.797			
		5670	40.66	37.769			
	U-NII Band	3	5710	41.50		37.845	≥ 500kHz
			Centre Frequency (MHz)	Bandwidth (MHz)			
				Emission (6dB)		Occupied (99%)	
5755			37.84	37.780			
		5795	38.15	37.732			

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit	
			Emission (26dB)	Occupied (99%)		
802.11ax-HE80	1	5210	81.71	77.539	Reference only	
	2A	5290	81.75	77.481		
		2C	5530	81.71		77.425
	5610		80.60	77.033		
	5690		81.07	77.408		
	U-NII Band	3	Centre Frequency (MHz)	Bandwidth (MHz)		
				Emission (6dB)		Occupied (99%)
		5775	81.46	77.343	≥ 500kHz	

Mode	U-NII Band	Centre Frequency (MHz)	Bandwidth (MHz)		Limit
			Emission (26dB)	Occupied (99%)	
802.11ax-HE160	1/2A	5250	162.0	154.96	Reference only
	2C	5570	161.8	154.75	

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit	
				Emission (26dB)	Occupied (99%)		
802.11ax-HE20	1	5180	26/0	20.10	18.256	Reference only	
			52/37	19.64	17.991		
			106/53	21.08	18.170		
	2A	5320	26/8	20.07	18.361		
			52/40	19.92	18.018		
			106/54	22.47	18.177		
	2C	5500	26/0	19.73	18.323		
			52/37	19.86	18.075		
			106/53	20.34	17.476		
		5700	26/8	19.90	18.152		
			52/40	19.88	18.118		
			106/54	22.98	18.155		
	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)			Limit
	Emission (6dB)	Occupied (99%)	3	5745	26/0		2.066
52/37	17.00	18.156					
106/53	15.86	17.961					
5825	26/8	2.092		18.186			
	52/40	17.03		18.150			
106/54	17.15	17.831					

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
				Emission (26dB)	Occupied (99%)	
802.11ax-HE40	1	5190	242/61	27.83	18.867	Reference only
	2A	5310	242/62	24.73	18.940	
	2C	5510	242/61	24.34	18.898	
		5670	242/62	25.24	18.905	
	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
	Emission (6dB)	Occupied (99%)	3	5755	18.91	18.901
5795	18.84	18.831				

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
				Emission (26dB)	Occupied (99%)	
802.11ax-HE80	1	5210	484/65	45.06	37.606	Reference only
	2A	5290	484/66	41.49	37.682	
	2C	5530	484/65	40.50	37.668	
		5610	484/66	41.42	37.600	
	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
	Emission (6dB)	Occupied (99%)	3	5775	37.81	37.647
37.79	37.665					

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Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Bandwidth (MHz)		Limit
				Emission (26dB)	Occupied (99%)	
802.11ax-HE160	1/2A	5250	996/67	82.78	78.096	Reference only
			996/S67	91.22	78.005	
	2C	5570	996/67	93.16	78.077	
			996/S67	93.24	78.289	

A.3.2 Measurement Plots





































