

Appendix A:Test Data

Duty cycle							
Mode	Frequency (MHz)	Single RU	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T Minimum VBW (kHz)
802.11ax HE20	2412	26	20.000	20.000	100.000	0.000	0.010
802.11ax HE20	2412	52	20.000	20.000	100.000	0.000	0.010
802.11ax HE20	2412	106	20.000	20.000	100.000	0.000	0.010

2.4 GHz Band								
Mod.	Freq. (MHz)	Freq. (MHz)	Single RU	RF power setting in Test SW				Test SW Version
				Ant-0	Ant-1	Ant-2	Ant-3	
802.11ax HE20	1	2412	26	4.00	4.00	-	-	QRCT4
802.11ax HE20	11	2462	26	4.50	4.50	-	-	
802.11ax HE20	1	2412	52	6.00	6.00	-	-	
802.11ax HE20	11	2462	52	6.50	6.50	-	-	
802.11ax HE20	1	2412	106	8.00	8.00	-	-	
802.11ax HE20	11	2462	106	8.50	8.50	-	-	

2.4 GHz Band																			
Mode	CH	Freq. (MHz)	Single RU	Data Rate	Avg Conducted Power (dBm)					Peak Conducted Power (dBm)					Conducted Power Limit (dBm)				
					Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM
802.11ax HE20	1	2412	26	MCS0	4.02	4.19	-	-	7.12	14.92	14.03	-	-	17.51	30.00	30.00	-	-	30.00
802.11ax HE20	11	2462	26	MCS0	3.84	5.97	-	-	8.04	15.15	16.58	-	-	18.93	30.00	30.00	-	-	30.00
802.11ax HE20	1	2412	52	MCS0	5.68	6.23	-	-	8.97	16.78	16.89	-	-	19.85	30.00	30.00	-	-	30.00
802.11ax HE20	11	2462	52	MCS0	5.75	7.82	-	-	9.92	16.96	17.71	-	-	20.36	30.00	30.00	-	-	30.00
802.11ax HE20	1	2412	106	MCS0	7.83	8.41	-	-	11.14	18.72	18.49	-	-	21.62	30.00	30.00	-	-	30.00
802.11ax HE20	11	2462	106	MCS0	8.45	9.66	-	-	12.11	19.05	19.75	-	-	22.42	30.00	30.00	-	-	30.00

Maximum Power Spectral Density Measurement

Mode	Freq. (MHz)	Single-RU	Measurement (dBm/3 kHz)					Max.Limit (dBm/ 3 kHz)				
			Ant-0	Ant-1	Ant-2	Ant-3	SUM	Ant-0	Ant-1	Ant-2	Ant-3	SUM
802.11ax HE20	2412	26	-12.92	-12.88	-	-	-9.89	8.00	8.00	-	-	8.00
802.11ax HE20	2462	26	-13.33	-11.14	-	-	-9.09	8.00	8.00	-	-	8.00
802.11ax HE20	2412	52	-13.02	-12.49	-	-	-9.74	8.00	8.00	-	-	8.00
802.11ax HE20	2462	52	-12.88	-10.71	-	-	-8.65	8.00	8.00	-	-	8.00
802.11ax HE20	2412	106	-13.59	-12.92	-	-	-10.23	8.00	8.00	-	-	8.00
802.11ax HE20	2462	106	-12.78	-11.35	-	-	-9.00	8.00	8.00	-	-	8.00