

Maximum PSD / EIRP SD (U-NII-1) (continued)

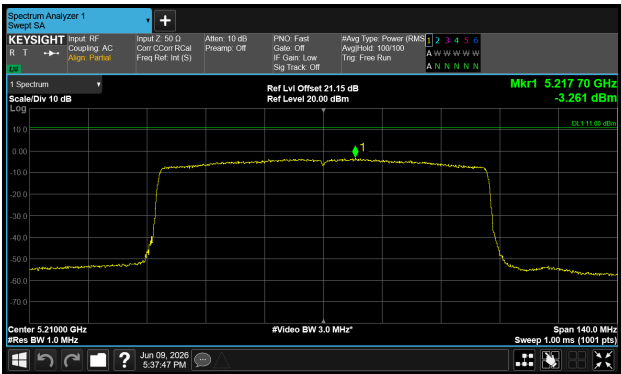
Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-3.26	-	-	-	-	11.00	14.26	3.40

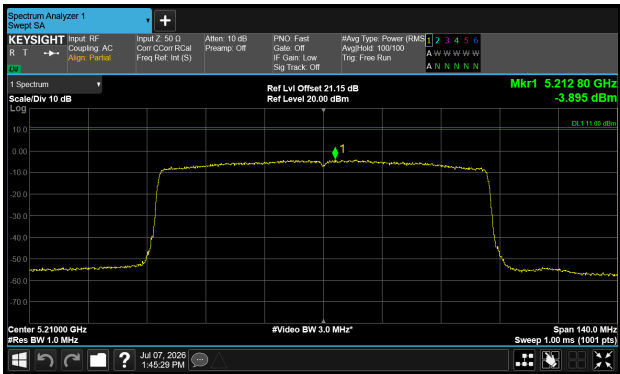
FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-3.89	-	-	-	-	3.40	-0.49	10.00	10.49

ISED



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Maximum PSD / EIRP SD (U-NII-1) (continued)

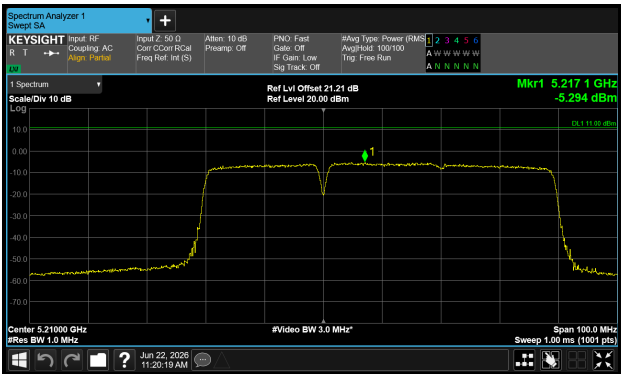
Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-5.29	-	-	-	-	11.00	16.29	3.40

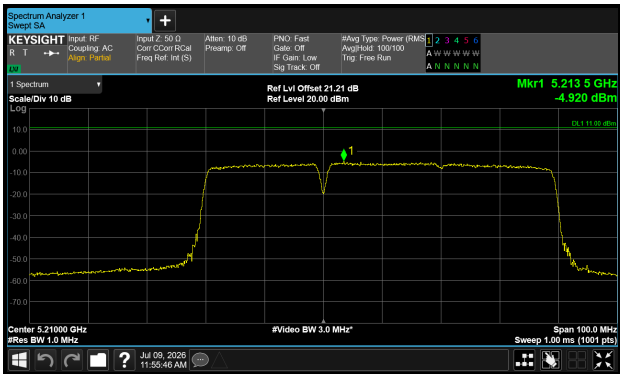
FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-4.92	-	-	-	-	3.40	-1.52	10.00	11.52

ISED



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Maximum PSD / EIRP SD (U-NII-1) (continued)

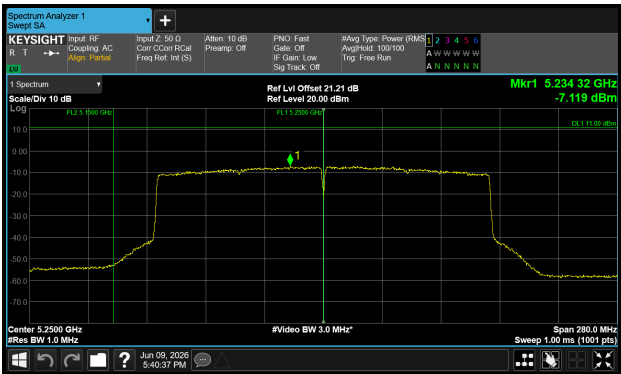
Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-7.12	-	-	-	-	11.00	18.12	4.70

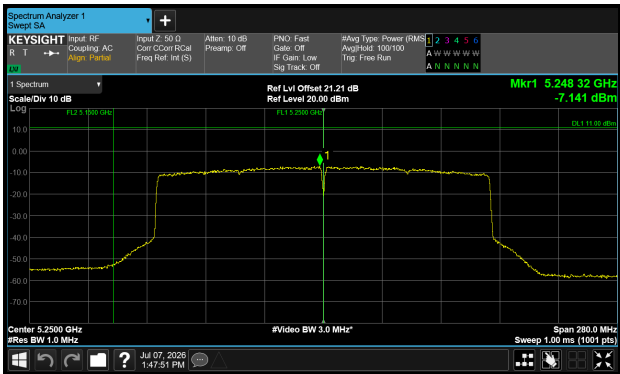
FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-7.14	-	-	-	-	4.70	-2.44	10.00	12.44

ISED



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Maximum PSD / EIRP SD (U-NII-1) (continued)

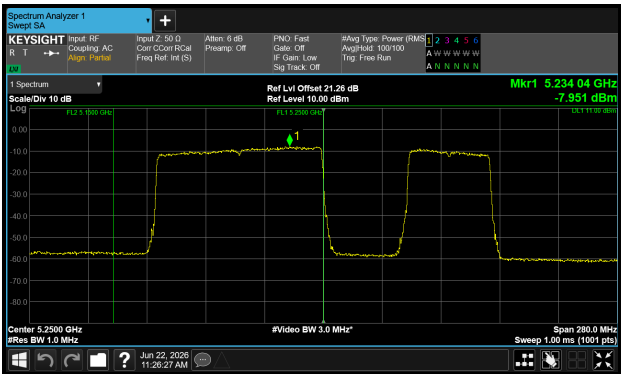
Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-7.95	-	-	-	-	11.00	18.95	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-7.80	-	-	-	-	4.70	-3.10	10.00	13.10

ISED



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Maximum PSD / EIRP SD (U-NII-1) (continued)

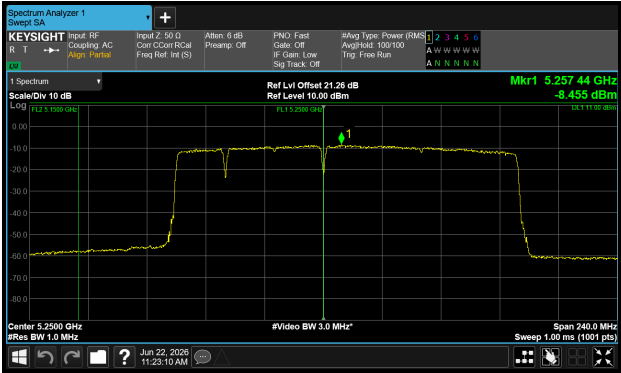
Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.46	-	-	-	-	11.00	19.46	4.70

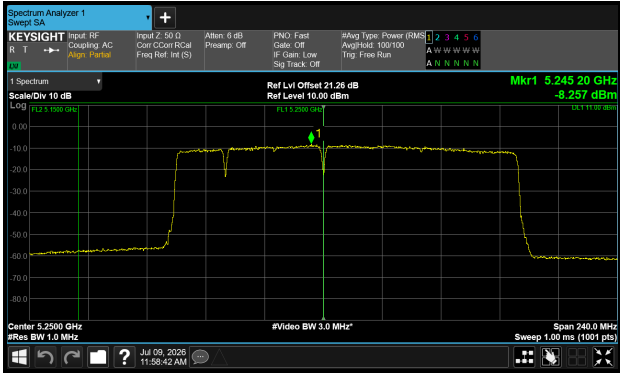
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Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-8.26	-	-	-	-	4.70	-3.56	10.00	13.56

ISED



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Maximum PSD / EIRP SD (U-NII-1) (continued)**Results: SISO / Core 1**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	-	7.97	-	-	-	11.00	3.03	4.70
5220	-	9.52	-	-	-	11.00	1.48	4.70
5240	-	9.45	-	-	-	11.00	1.55	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-	3.90	-	-	-	4.70	8.60	10.00	1.40
5220	-	3.74	-	-	-	4.70	8.44	10.00	1.56
5240	-	3.86	-	-	-	4.70	8.56	10.00	1.44

ISED

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	-	7.67	-	-	-	11.00	3.33	4.70
5220	-	9.22	-	-	-	11.00	1.78	4.70
5240	-	9.46	-	-	-	11.00	1.54	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-	3.19	-	-	-	4.70	7.89	10.00	2.11
5220	-	3.59	-	-	-	4.70	8.29	10.00	1.71
5240	-	3.65	-	-	-	4.70	8.35	10.00	1.65

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	-	-0.84	-	-	-	11.00	11.84	4.70
5230	-	7.10	-	-	-	11.00	3.90	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	-	-0.92	-	-	-	4.70	3.78	10.00	6.22
5230	-	3.65	-	-	-	4.70	8.35	10.00	1.65

ISED

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	-	1.30	-	-	-	11.00	9.70	4.70
5230	-	6.69	-	-	-	11.00	4.31	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	-	1.04	-	-	-	4.70	5.74	10.00	4.26
5230	-	3.11	-	-	-	4.70	7.81	10.00	2.19

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-	-3.17	-	-	-	11.00	14.17	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-	-3.31	-	-	-	4.70	1.39	10.00	8.61

ISED

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-	-3.86	-	-	-	11.00	14.86	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-	-4.00	-	-	-	4.70	0.70	10.00	9.30

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-8.70	-	-	-	11.00	19.70	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-	-9.57	-	-	-	4.70	-4.87	10.00	14.87

ISED

Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-8.00	-	-	-	11.00	19.00	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-	-8.16	-	-	-	4.70	-3.46	10.00	13.46

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	-	7.23	-	-	-	11.00	3.77	4.70
5220	-	8.96	-	-	-	11.00	2.04	4.70
5240	-	9.30	-	-	-	11.00	1.70	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-	3.46	-	-	-	4.70	8.16	10.00	1.84
5220	-	3.67	-	-	-	4.70	8.37	10.00	1.63
5240	-	4.01	-	-	-	4.70	8.71	10.00	1.29

ISED

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	-	8.83	-	-	-	11.00	2.17	4.70
5220	-	7.53	-	-	-	11.00	3.47	4.70
5240	-	9.15	-	-	-	11.00	1.85	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-	3.20	-	-	-	4.70	7.90	10.00	2.10
5220	-	2.51	-	-	-	4.70	7.21	10.00	2.79
5240	-	3.78	-	-	-	4.70	8.48	10.00	1.52

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	-	9.68	-	-	-	11.00	1.32	4.70
5220	-	9.10	-	-	-	11.00	1.90	4.70
5240	-	9.81	-	-	-	11.00	1.19	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-	3.53	-	-	-	4.70	8.23	10.00	1.77
5220	-	3.26	-	-	-	4.70	7.96	10.00	2.04
5240	-	4.14	-	-	-	4.70	8.84	10.00	1.16

ISED

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	-	9.56	-	-	-	11.00	1.44	4.70
5220	-	9.40	-	-	-	11.00	1.60	4.70
5240	-	10.14	-	-	-	11.00	0.86	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-	3.39	-	-	-	4.70	8.09	10.00	1.91
5220	-	3.34	-	-	-	4.70	8.04	10.00	1.96
5240	-	3.73	-	-	-	4.70	8.43	10.00	1.57

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	-	9.07	-	-	-	11.00	1.93	4.70
5220	-	8.78	-	-	-	11.00	2.22	4.70
5240	-	9.84	-	-	-	11.00	1.16	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-	3.85	-	-	-	4.70	8.55	10.00	1.45
5220	-	3.43	-	-	-	4.70	8.13	10.00	1.87
5240	-	3.68	-	-	-	4.70	8.38	10.00	1.62

ISED

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	-	7.51	-	-	-	11.00	3.49	4.70
5220	-	9.53	-	-	-	11.00	1.47	4.70
5240	-	9.70	-	-	-	11.00	1.30	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-	3.92	-	-	-	4.70	8.62	10.00	1.38
5220	-	3.53	-	-	-	4.70	8.23	10.00	1.77
5240	-	3.63	-	-	-	4.70	8.33	10.00	1.67

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	-	-0.15	-	-	-	11.00	11.15	4.70
5230	-	6.56	-	-	-	11.00	4.44	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	-	0.00	-	-	-	4.70	4.70	10.00	5.30
5230	-	3.27	-	-	-	4.70	7.97	10.00	2.03

ISED

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-	-3.31	-	-	-	4.70	11.00	14.31

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-	-3.34	-	-	-	4.70	1.36	10.00	8.64

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-	-4.39	-	-	-	4.70	11.00	15.39

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-	-4.05	-	-	-	4.70	0.65	10.00	9.35

ISED

Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-7.58	-	-	-	11.00	18.58	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-	-7.70	-	-	-	4.70	-3.00	10.00	13.00

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-7.77	-	-	-	11.00	18.77	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-	-7.76	-	-	-	4.70	-3.06	10.00	13.06

ISED

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-9.21	-	-	-	11.00	20.21	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-	-8.64	-	-	-	4.70	-3.94	10.00	13.94

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)**Results: MIMO CDD**

Antenna Configuration:	MIMO CDD	Mode:	802.11a20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	5.75	5.89	-	-	8.83	9.92	1.09	7.08
5220	5.23	5.20	-	-	8.23	9.92	1.69	7.08
5240	5.52	5.73	-	-	8.64	9.92	1.28	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-1.58	-1.77	-	-	1.34	7.08	8.42	10.00	1.58
5220	-2.14	-1.69	-	-	1.10	7.08	8.19	10.00	1.81
5240	-1.78	-1.62	-	-	1.31	7.08	8.40	10.00	1.60

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	4.38	4.41	-	-	7.40	9.92	2.51	7.08
5220	4.97	4.87	-	-	7.93	9.92	1.99	7.08
5240	5.56	5.39	-	-	8.48	9.92	1.43	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-2.14	-2.21	-	-	0.83	7.08	7.92	10.00	2.08
5220	-2.42	-2.17	-	-	0.71	7.08	7.80	10.00	2.20
5240	-1.63	-1.93	-	-	1.23	7.08	8.31	10.00	1.69

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	-0.89	-0.95	-	-	2.09	9.92	7.83	7.08
5230	5.67	5.61	-	-	8.65	9.92	1.26	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	-1.91	-1.65	-	-	1.23	7.08	8.32	10.00	1.68
5230	-1.66	-1.68	-	-	1.34	7.08	8.42	10.00	1.58

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	1.17	1.21	-	-	4.20	9.92	5.71	7.08
5230	5.36	5.35	-	-	8.36	9.92	1.55	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	-1.89	-2.11	-	-	1.01	7.08	8.10	10.00	1.90
5230	-2.04	-2.09	-	-	0.94	7.08	8.03	10.00	1.97

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-3.75	-3.75	-	-	-0.74	9.92	10.66	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-3.77	-3.95	-	-	-0.85	7.08	6.24	10.00	3.76

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-4.09	-4.12	-	-	-1.10	9.92	11.01	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-4.01	-4.23	-	-	-1.11	7.08	5.97	10.00	4.03

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.66	-10.04	-	-	-6.84	9.29	16.13	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-9.66	-10.04	-	-	-6.84	7.71	0.87	10.00	9.13

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.24	-8.36	-	-	-5.29	9.29	14.58	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-8.29	-8.84	-	-	-5.55	7.71	2.16	10.00	7.84

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	3.87	3.91	-	-	6.90	9.92	3.02	7.08
5220	5.10	5.07	-	-	8.09	9.92	1.82	7.08
5240	5.53	5.14	-	-	8.35	9.92	1.57	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-2.58	-2.38	-	-	0.53	7.08	7.62	10.00	2.38
5220	-2.11	-2.10	-	-	0.91	7.08	7.99	10.00	2.01
5240	-1.96	-1.87	-	-	1.10	7.08	8.18	10.00	1.82

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	5.16	4.97	-	-	8.08	9.92	1.84	7.08
5220	3.22	3.95	-	-	6.61	9.92	3.31	7.08
5240	4.88	5.30	-	-	8.11	9.92	1.81	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-1.99	-1.96	-	-	1.04	7.08	8.12	10.00	1.88
5220	-3.45	-3.56	-	-	-0.50	7.08	6.59	10.00	3.41
5240	-1.66	-1.51	-	-	1.43	7.08	8.51	10.00	1.49

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	5.53	5.41	-	-	8.48	9.92	1.44	7.08
5220	5.40	5.10	-	-	8.26	9.92	1.65	7.08
5240	5.78	5.37	-	-	8.59	9.92	1.32	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-1.41	-1.62	-	-	1.50	7.08	8.58	10.00	1.42
5220	-2.17	-2.27	-	-	0.79	7.08	7.87	10.00	2.13
5240	-1.36	-1.12	-	-	1.78	7.08	8.86	10.00	1.14

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	5.46	5.29	-	-	8.38	9.92	1.53	7.08
5220	5.19	5.58	-	-	8.40	9.92	1.51	7.08
5240	5.71	5.60	-	-	8.66	9.92	1.25	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-2.06	-2.11	-	-	0.93	7.08	8.01	10.00	1.99
5220	-2.06	-1.49	-	-	1.24	7.08	8.32	10.00	1.68
5240	-1.68	-1.58	-	-	1.38	7.08	8.46	10.00	1.54

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	5.37	5.39	-	-	8.39	9.92	1.52	7.08
5220	4.95	4.72	-	-	7.85	9.92	2.15	7.08
5240	5.47	5.52	-	-	8.51	9.92	1.41	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-1.35	-1.28	-	-	1.69	7.08	8.78	10.00	1.22
5220	-2.36	-1.70	-	-	1.00	7.08	8.08	10.00	1.92
5240	-1.67	-1.17	-	-	1.60	7.08	8.68	10.00	1.32

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	5.24	5.49	-	-	8.37	9.92	1.54	7.08
5220	5.35	5.28	-	-	8.33	9.92	1.59	7.08
5240	5.77	5.73	-	-	8.76	9.92	1.16	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-1.75	-1.51	-	-	1.38	7.08	8.47	10.00	1.53
5220	-1.74	-1.69	-	-	1.29	7.08	8.38	10.00	1.62
5240	-1.83	-1.86	-	-	1.17	7.08	8.25	10.00	1.75

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	0.42	0.26	-	-	3.35	9.92	6.56	7.08
5230	4.84	4.91	-	-	7.88	9.92	2.03	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	-2.24	-2.30	-	-	0.74	7.08	7.83	10.00	2.17
5230	-2.12	-2.15	-	-	0.88	7.08	7.96	10.00	2.04

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-4.39	-4.50	-	-	-1.43	9.92	11.35	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-4.54	-4.47	-	-	-1.50	7.08	5.59	10.00	4.41

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-4.96	-4.84	-	-	-1.89	9.92	11.81	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-4.32	-4.65	-	-	-1.47	7.08	5.62	10.00	4.38

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-7.89	-7.80	-	-	-4.83	9.29	14.12	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-7.92	-7.93	-	-	-4.92	7.71	2.80	10.00	7.20

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.55	-8.10	-	-	-5.31	9.29	14.60	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-8.31	-8.44	-	-	-5.36	7.71	2.35	10.00	7.65

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.50	-9.69	-	-	-6.58	9.29	15.87	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-9.42	-9.47	-	-	-6.44	7.71	1.27	10.00	8.73

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)**Results: MIMO SDM**

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	5.00	4.91	-	-	7.97	11.00	3.03	4.10
5220	6.18	6.17	-	-	9.19	11.00	1.81	4.10
5240	6.26	6.21	-	-	9.25	11.00	1.75	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	0.66	0.77	-	-	3.72	4.10	7.82	10.00	2.18
5220	0.95	0.87	-	-	3.92	4.10	8.02	10.00	1.98
5240	1.25	1.24	-	-	4.26	4.10	8.36	10.00	1.64

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	1.25	1.22	-	-	4.25	11.00	6.75	4.10
5230	6.12	6.04	-	-	9.09	11.00	1.91	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	0.13	0.18	-	-	3.17	4.10	7.27	10.00	2.73
5230	0.41	0.61	-	-	3.52	4.10	7.62	10.00	2.38

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-4.69	-4.23	-	-	-1.44	11.00	12.44	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-4.57	-4.59	-	-	-1.57	4.10	2.53	10.00	7.47

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.26	-9.50	-	-	-6.37	11.00	17.37	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-9.36	-9.60	-	-	-6.47	4.70	-1.77	10.00	11.77

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	4.95	4.72	-	-	7.85	11.00	3.15	4.10
5220	6.02	6.23	-	-	9.14	11.00	1.86	4.10
5240	6.30	6.20	-	-	9.26	11.00	1.74	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	0.99	0.88	-	-	3.94	4.10	8.04	10.00	1.96
5220	0.70	0.73	-	-	3.72	4.10	7.82	10.00	2.18
5240	1.37	1.44	-	-	4.41	4.10	8.51	10.00	1.49

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	6.29	6.01	-	-	9.16	11.00	1.84	4.10
5220	4.78	4.91	-	-	7.86	11.00	3.14	4.10
5240	5.90	6.19	-	-	9.06	11.00	1.94	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	0.99	0.88	-	-	3.94	4.10	8.04	10.00	1.96
5220	0.22	0.06	-	-	3.15	4.10	7.25	10.00	2.75
5240	0.97	1.22	-	-	4.11	4.10	8.21	10.00	1.79

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	6.56	6.43	-	-	9.51	11.00	1.49	4.10
5220	6.05	6.02	-	-	9.04	11.00	1.96	4.10
5240	6.59	6.68	-	-	9.65	11.00	1.35	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	1.29	1.42	-	-	4.37	4.10	8.46	10.00	1.54
5220	0.77	1.10	-	-	3.95	4.10	8.05	10.00	1.95
5240	1.55	1.53	-	-	4.55	4.10	8.65	10.00	1.35

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	6.47	6.47	-	-	9.48	11.00	1.52	4.10
5220	6.40	6.61	-	-	9.52	11.00	1.48	4.10
5240	6.76	6.90	-	-	9.84	11.00	1.16	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	1.37	1.22	-	-	4.31	4.10	8.41	10.00	1.59
5220	1.22	1.28	-	-	4.26	4.10	8.36	10.00	1.64
5240	1.67	1.53	-	-	4.61	4.10	8.71	10.00	1.29

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	6.96	7.16	-	-	10.07	11.00	0.93	4.10
5220	6.10	6.65	-	-	9.39	11.00	1.61	4.10
5240	6.90	6.47	-	-	9.70	11.00	1.30	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	1.69	1.48	-	-	4.60	4.10	8.70	10.00	1.30
5220	1.04	1.34	-	-	4.20	4.10	8.30	10.00	1.70
5240	1.81	1.31	-	-	4.58	4.10	8.68	10.00	1.32

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	6.55	6.77	-	-	9.67	11.00	1.33	4.10
5220	6.61	6.63	-	-	9.63	11.00	1.37	4.10
5240	6.44	6.78	-	-	9.62	11.00	1.38	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	1.31	1.53	-	-	4.43	4.10	8.53	10.00	1.47
5220	1.15	1.31	-	-	4.24	4.10	8.34	10.00	1.66
5240	1.18	1.29	-	-	4.25	4.10	8.34	10.00	1.66

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	0.32	0.38	-	-	3.36	11.00	7.64	4.10
5230	6.38	5.92	-	-	9.17	11.00	1.83	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	0.22	0.10	-	-	3.17	4.10	7.27	10.00	2.73
5230	0.79	0.85	-	-	3.83	4.10	7.93	10.00	2.07

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-4.22	-4.26	-	-	-1.23	11.00	12.23	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-4.50	-4.54	-	-	-1.51	4.10	2.59	10.00	7.41

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-5.92	-5.92	-	-	-2.91	11.00	13.91	4.10

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-5.59	-5.18	-	-	-2.37	4.10	1.73	10.00	8.27

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.59	-8.85	-	-	-5.71	11.00	16.71	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-8.54	-8.74	-	-	-5.63	4.70	-0.93	10.00	10.93

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.08	-8.95	-	-	-6.00	11.00	17.00	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-8.71	-9.00	-	-	-5.84	4.70	-1.14	10.00	11.14

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.74	-10.20	-	-	-6.96	11.00	17.96	4.60

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-9.60	-9.61	-	-	-6.59	4.70	-1.89	10.00	11.89

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)**Results: TxBF**

Antenna Configuration:	TxBF	Mode:	802.11ac VHT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	4.27	4.11	-	-	7.20	9.92	2.71	7.08
5220	5.27	5.13	-	-	8.21	9.92	1.70	7.08
5240	5.32	5.38	-	-	8.36	9.92	1.56	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-2.40	-2.22	-	-	0.70	7.08	7.79	10.00	2.21
5220	-2.18	-2.07	-	-	0.88	7.08	7.97	10.00	2.03
5240	-1.94	-1.99	-	-	1.05	7.08	8.13	10.00	1.87

ISED

Antenna Configuration:	TxBF	Mode:	802.11ac VHT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	0.10	0.00	-	-	3.06	9.92	6.86	7.08
5230	4.77	4.66	-	-	7.72	9.92	2.19	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	-2.83	-2.90	-	-	0.14	7.08	7.23	10.00	2.77
5230	-2.20	-2.48	-	-	0.67	7.08	7.76	10.00	2.24

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-4.53	-4.54	-	-	-1.52	9.92	11.44	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-5.71	-5.44	-	-	-2.56	7.08	4.52	10.00	5.48

ISED

Antenna Configuration:	TxBF	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.19	-8.47	-	-	-5.32	9.29	14.61	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-8.57	-8.86	-	-	-5.70	7.71	2.01	10.00	7.99

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5180	4.12	3.94	-	-	7.04	9.92	2.87	7.08
5220	5.14	4.89	-	-	8.03	9.92	1.89	7.08
5240	5.09	5.20	-	-	8.16	9.92	1.76	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5180	-2.48	-2.51	-	-	0.51	7.08	7.60	10.00	2.40
5220	-2.29	-2.06	-	-	0.84	7.08	7.92	10.00	2.08
5240	-1.51	-1.55	-	-	1.48	7.08	8.57	10.00	1.43

ISED

Antenna Configuration:	TxBF	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5190	-0.64	-0.84	-	-	2.27	9.92	7.65	7.08
5230	4.48	4.53	-	-	7.51	9.92	2.40	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5190	-2.39	-2.53	-	-	0.55	7.08	7.63	10.00	2.37
5230	-2.29	-2.42	-	-	0.66	7.08	7.74	10.00	2.26

ISED

Maximum PSD / EIRP SD (U-NII-1) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5210	-5.08	-5.07	-	-	-2.07	9.92	11.98	7.08

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5210	-5.38	-5.60	-	-	-2.48	7.08	4.61	10.00	5.39

ISED

Antenna Configuration:	TxBF	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.17	-8.22	-	-	-5.18	9.29	14.47	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Margin (dB)
	1	2	3	4	Σ				
5250	-8.50	-8.63	-	-	-5.55	7.71	2.16	10.00	7.84

ISED

4.5.2 5.25-5.35 GHz band (U-NII-2A)**Test Summary:**

Test Engineer:	Max Passell	Test Dates:	09 June 2026 to 09 July 2026
Test Sample Serial Number:	Y929QLWGKP		

FCC Clause:	Part 15.407(a)(2)
ISED Canada Clause:	RSS-247 7.3.2.2 / RSS-Gen 6.12
Test Method Used:	ANSI C63.10 Section 12.6. referencing Section 12.4.2.2 & 12.4.2.4

Environmental Conditions:

Temperature (°C):	21 to 26
Relative Humidity (%):	37 to 53

Note(s):

1. For data rates where the EUT was transmitting at <98% duty cycle, the equation in section 2.4 was used to calculate the correction factor based on measured duty cycle in section 4.1. The correction factor was added to the spectrum analyser reference level offset to calculate the average maximum power spectral density during the actual transmission time.
2. For MIMO & TXBF modes, PSD was measured on all ports and then combined using the measure-and-sum technique stated in ANSI C63.10 Section 14.5.2.3.
3. For SISO and MIMO SDM modes of operation, the antenna gain is < 6 dBi.
4. FCC: For 2Tx MIMO CDD & TXBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 7.61 dBi. In accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore, the limit of 11.0 dBm has been reduced by 1.61 dB to 9.39 dBm.
5. Directional antenna gains have been calculated for the results below using the equations in the sample calculation section.

Maximum Power Spectral Density (U-NII-2A) (continued)**Results: SISO / Core 0**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	9.64	-	-	-	-	11.00	1.36	4.70
5300	9.63	-	-	-	-	11.00	1.37	4.70
5320	8.24	-	-	-	-	11.00	2.76	4.70

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	10.04	-	-	-	-	11.00	0.96	4.70
5300	9.54	-	-	-	-	11.00	1.46	4.70
5320	8.15	-	-	-	-	11.00	2.85	4.70

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	6.98	-	-	-	-	11.00	4.02	4.70
5310	-0.37	-	-	-	-	11.00	11.37	4.70

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	6.95	-	-	-	-	11.00	4.05	4.70
5310	2.79	-	-	-	-	11.00	8.21	4.70

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-2.92	-	-	-	-	11.00	13.92	4.70

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-2.91	-	-	-	-	11.00	13.91	4.70

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.55	-	-	-	-	11.00	19.55	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-8.61	-	-	-	-	11.00	19.61

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-7.45	-	-	-	-	11.00	18.45	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-7.70	-	-	-	-	11.00	18.70

ISED

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	10.00	-	-	-	-	11.00	1.00	4.70
5300	9.75	-	-	-	-	11.00	1.25	4.70
5320	7.59	-	-	-	-	11.00	3.41	4.70

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	10.15	-	-	-	-	11.00	0.85	4.70
5300	9.63	-	-	-	-	11.00	1.37	4.70
5320	9.98	-	-	-	-	11.00	1.02	4.70

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	10.06	-	-	-	-	11.00	0.94	4.70
5300	9.95	-	-	-	-	11.00	1.05	4.70
5320	9.98	-	-	-	-	11.00	1.02	4.70

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	9.58	-	-	-	-	11.00	1.42	4.70
5300	9.31	-	-	-	-	11.00	1.69	4.70
5320	9.70	-	-	-	-	11.00	1.30	4.70

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	9.70	-	-	-	-	11.00	1.30	4.70
5300	9.73	-	-	-	-	11.00	1.27	4.70
5320	7.51	-	-	-	-	11.00	3.49	4.70

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	6.89	-	-	-	-	11.00	4.11	4.70
5310	2.25	-	-	-	-	11.00	8.75	4.70

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-2.95	-	-	-	-	11.00	13.95	4.70

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-3.91	-	-	-	-	11.00	14.91	4.70

Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-7.06	-	-	-	-	11.00	18.06	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-7.16	-	-	-	-	11.00	18.16

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.30	-	-	-	-	11.00	20.30	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-8.99	-	-	-	-	11.00	19.99

ISED

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.46	-	-	-	-	11.00	19.46	4.70

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-8.37	-	-	-	-	11.00	19.37

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)**Results: SISO / Core 1**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	-	9.46	-	-	-	11.00	1.54	4.50
5300	-	9.66	-	-	-	11.00	1.34	4.50
5320	-	8.31	-	-	-	11.00	2.69	4.50

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	-	9.31	-	-	-	11.00	1.69	4.50
5300	-	9.49	-	-	-	11.00	1.51	4.50
5320	-	8.04	-	-	-	11.00	2.96	4.50

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	-	7.07	-	-	-	11.00	3.93	4.50
5310	-	0.52	-	-	-	11.00	10.48	4.50

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	-	6.50	-	-	-	11.00	4.50	4.50
5310	-	2.07	-	-	-	11.00	8.93	4.50

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-	-1.99	-	-	-	11.00	12.99	4.50

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-	-3.34	-	-	-	11.00	14.34	4.50

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-8.60	-	-	-	11.00	19.60	4.50

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-	-9.16	-	-	-	11.00	20.16

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-7.85	-	-	-	11.00	18.85	4.50

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-	-7.80	-	-	-	11.00	18.80

ISED

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	-	9.28	-	-	-	11.00	1.72	4.50
5300	-	9.16	-	-	-	11.00	1.84	4.50
5320	-	7.36	-	-	-	11.00	3.64	4.50

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	-	9.52	-	-	-	11.00	1.48	4.50
5300	-	9.79	-	-	-	11.00	1.21	4.50
5320	-	9.76	-	-	-	11.00	1.24	4.50

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	-	9.93	-	-	-	11.00	1.07	4.50
5300	-	9.33	-	-	-	11.00	1.67	4.50
5320	-	9.36	-	-	-	11.00	1.64	4.50

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	-	9.41	-	-	-	11.00	1.59	4.50
5300	-	9.11	-	-	-	11.00	1.89	4.50
5320	-	9.18	-	-	-	11.00	1.82	4.50

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	-	10.01	-	-	-	11.00	0.99	4.50
5300	-	9.20	-	-	-	11.00	1.80	4.50
5320	-	7.36	-	-	-	11.00	3.64	4.50

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	-	6.48	-	-	-	11.00	4.52	4.50
5310	-	1.62	-	-	-	11.00	9.38	4.50

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-	-2.78	-	-	-	11.00	13.78	4.50

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-	-2.60	-	-	-	11.00	13.60	4.50

Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-7.15	-	-	-	11.00	18.15	4.50

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-	-7.20	-	-	-	11.00	18.20

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-8.60	-	-	-	11.00	19.60	4.50

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-	-8.28	-	-	-	11.00	19.28

ISED

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-	-8.78	-	-	-	11.00	19.78	4.50

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-	-8.47	-	-	-	11.00	19.47

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)**Results: MIMO CDD**

Antenna Configuration:	MIMO CDD	Mode:	802.11a20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	4.62	4.55	-	-	7.59	9.39	1.79	7.61
5300	4.88	4.80	-	-	7.85	9.39	1.54	7.61
5320	4.91	4.71	-	-	7.82	9.39	1.57	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	4.62	4.55	-	-	7.59	11.00	3.41
5300	4.88	4.80	-	-	7.85	11.00	3.15
5320	4.91	4.71	-	-	7.82	11.00	3.18

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	4.58	4.57	-	-	7.58	9.39	1.81	7.61
5300	4.61	4.65	-	-	7.64	9.39	1.75	7.61
5320	4.69	4.56	-	-	7.64	9.39	1.75	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	4.58	4.57	-	-	7.58	11.00	3.42
5300	4.61	4.65	-	-	7.64	11.00	3.36
5320	4.69	4.56	-	-	7.64	11.00	3.36

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	4.47	4.97	-	-	7.74	9.39	1.65	7.61
5310	-1.09	-0.99	-	-	1.97	9.39	7.42	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5270	4.47	4.97	-	-	7.74	11.00	3.26
5310	-1.09	-0.99	-	-	1.97	11.00	9.03

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	4.82	4.82	-	-	7.83	9.39	1.55	7.61
5310	1.00	1.10	-	-	4.06	9.39	5.33	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5270	4.82	4.82	-	-	7.83	11.00	3.17
5310	1.00	1.10	-	-	4.06	11.00	6.94

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-3.75	-3.85	-	-	-0.79	9.39	10.18	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5290	-3.75	-3.85	-	-	-0.79	11.00	11.79

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-4.20	-4.01	-	-	-1.09	9.39	10.48	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5290	-4.20	-4.01	-	-	-1.09	11.00	12.09

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.80	-9.67	-	-	-6.72	9.29	16.01	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-9.80	-9.67	-	-	-6.72	11.00	17.72

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.40	-7.89	-	-	-5.13	9.29	14.42	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-8.35	-8.40	-	-	-5.37	11.00	16.37

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	4.57	4.98	-	-	7.79	9.39	1.60	7.61
5300	4.82	4.80	-	-	7.82	9.39	1.57	7.61
5320	4.68	4.72	-	-	7.71	9.39	1.68	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	4.57	4.98	-	-	7.79	11.00	3.21
5300	4.82	4.80	-	-	7.82	11.00	3.18
5320	4.68	4.72	-	-	7.71	11.00	3.29

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	5.08	4.85	-	-	7.98	9.29	1.31	7.61
5300	4.81	4.71	-	-	7.77	9.39	1.62	7.61
5320	4.99	4.90	-	-	7.95	9.39	1.44	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	5.08	4.85	-	-	7.98	11.00	3.02
5300	4.81	4.71	-	-	7.77	11.00	3.23
5320	4.99	4.90	-	-	7.95	11.00	3.05

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	4.45	4.87	-	-	7.68	9.39	1.61	7.61
5300	4.25	4.56	-	-	7.42	9.39	1.97	7.61
5320	4.78	4.85	-	-	7.83	9.39	1.56	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	4.45	4.87	-	-	7.68	11.00	3.32
5300	4.25	4.56	-	-	7.42	11.00	3.58
5320	4.78	4.85	-	-	7.83	11.00	3.17

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	4.93	5.19	-	-	8.07	9.39	1.32	7.61
5300	4.86	4.99	-	-	7.93	9.39	1.56	7.61
5320	4.78	4.85	-	-	7.83	9.39	1.25	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	4.93	5.19	-	-	8.07	11.00	2.93
5300	4.86	4.99	-	-	7.93	11.00	3.07
5320	4.78	4.85	-	-	7.83	11.00	3.17

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	4.90	4.90	-	-	7.91	9.39	1.48	7.61
5300	4.77	4.55	-	-	7.67	9.39	1.72	7.61
5320	4.78	4.85	-	-	7.83	9.39	1.56	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	4.90	4.90	-	-	7.91	11.00	3.09
5300	4.77	4.55	-	-	7.67	11.00	3.33
5320	4.78	4.85	-	-	7.83	11.00	3.17

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	4.39	4.18	-	-	7.29	9.39	2.09	7.61
5310	0.38	0.47	-	-	3.44	9.39	5.95	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5270	4.39	4.18	-	-	7.29	11.00	3.71
5310	0.38	0.47	-	-	3.44	11.00	7.56

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-4.03	-3.96	-	-	-0.99	9.39	10.38	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5290	-4.03	-3.96	-	-	-0.99	11.00	11.99

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-3.56	-3.12	-	-	-0.32	9.39	9.71	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5290	-3.56	-3.12	-	-	-0.32	11.00	11.32

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-7.78	-7.63	-	-	-4.69	9.29	13.98	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-8.02	-8.05	-	-	-5.03	11.00	16.03

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.85	-9.26	-	-	-6.53	9.39	15.82	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-9.76	-9.10	-	-	-6.41	11.00	17.41

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.41	-9.02	-	-	-6.20	9.39	15.49	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-9.32	-9.37	-	-	-6.33	11.00	17.33

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)**Results: MIMO SDM**

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	6.43	6.48	-	-	9.47	11.00	1.53	4.60
5300	6.44	6.32	-	-	9.39	11.00	1.61	4.60
5320	5.73	5.43	-	-	8.59	11.00	2.41	4.60

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	6.23	5.97	-	-	9.11	11.00	1.89	4.60
5310	1.22	1.33	-	-	4.28	11.00	6.72	4.60

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-4.44	-4.33	-	-	-1.37	11.00	12.37	4.60

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.97	-9.23	-	-	-6.09	11.00	17.09	4.60

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-9.31	-9.36	-	-	-6.33	11.00	17.33

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	6.47	6.30	-	-	9.39	11.00	1.61	4.60
5300	6.28	6.19	-	-	9.25	11.00	1.75	4.60
5320	5.47	5.35	-	-	8.42	11.00	2.58	4.60

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	6.63	6.46	-	-	9.55	11.00	1.45	4.60
5300	6.50	6.38	-	-	9.45	11.00	1.55	4.60
5320	6.56	6.66	-	-	9.62	11.00	1.38	4.60

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	7.12	6.84	-	-	9.99	11.00	1.01	4.60
5300	6.36	6.54	-	-	9.46	11.00	1.54	4.60
5320	6.69	6.37	-	-	9.55	11.00	1.45	4.60

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	6.90	7.23	-	-	10.08	11.00	0.92	4.60
5300	6.59	6.54	-	-	9.58	11.00	1.42	4.60
5320	6.72	7.13	-	-	9.94	11.00	1.06	4.60

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	6.82	6.41	-	-	9.63	11.00	1.37	4.60
5300	6.28	6.29	-	-	9.30	11.00	1.70	4.60
5320	6.83	6.32	-	-	9.59	11.00	1.41	4.60

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	5.84	5.89	-	-	8.87	11.00	2.13	4.60
5310	0.69	1.09	-	-	3.90	11.00	7.10	4.60

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-4.35	-4.26	-	-	-1.29	11.00	12.29	4.60

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-3.12	-3.25	-	-	-0.17	11.00	11.17	4.60

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.73	-8.54	-	-	-5.63	11.00	16.63	4.60

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-8.46	-8.45	-	-	-5.44	11.00	16.54

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-10.46	-10.04	-	-	-7.23	11.00	18.23	4.60

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-10.36	-9.94	-	-	-7.14	11.00	18.14

ISED

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-9.71	-10.06	-	-	-6.87	11.00	17.87	4.60

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-9.58	-9.70	-	-	-6.63	11.00	17.63

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)**Results: TxBF**

Antenna Configuration:	TxBF	Mode:	802.11ac VHT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	4.55	4.66	-	-	7.62	9.39	1.77	7.61
5300	4.58	4.43	-	-	7.51	9.39	1.88	7.61
5320	3.67	3.44	-	-	6.57	9.39	2.82	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	4.55	4.66	-	-	7.62	11.00	3.38
5300	4.58	4.43	-	-	7.51	11.00	3.49
5320	3.67	3.44	-	-	6.57	11.00	4.43

ISED

Antenna Configuration:	TxBF	Mode:	802.11ac VHT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	4.22	4.06	-	-	7.15	9.39	2.24	7.61
5310	0.06	0.06	-	-	3.07	9.39	6.32	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5270	4.22	4.06	-	-	7.15	11.00	3.85
5310	0.06	0.06	-	-	3.07	11.00	7.93

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-3.97	-3.96	-	-	-0.95	9.39	10.34	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5290	-3.97	-3.96	-	-	-0.95	11.00	11.95

ISED

Antenna Configuration:	TxBF	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.31	-8.08	-	-	-5.18	9.29	14.47	7.71

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-8.41	-8.61	-	-	-5.50	11.00	16.50

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5260	4.73	4.62	-	-	7.69	9.39	1.70	7.61
5300	5.00	4.78	-	-	7.90	9.39	1.48	7.61
5320	3.71	3.46	-	-	6.60	9.39	2.79	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5260	4.73	4.62	-	-	7.69	11.00	3.31
5300	5.00	4.78	-	-	7.90	11.00	3.10
5320	3.71	3.46	-	-	6.60	11.00	4.40

ISED

Antenna Configuration:	TxBF	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5270	4.17	4.22	-	-	7.21	9.39	2.18	7.61
5310	0.26	0.74	-	-	3.52	9.39	5.87	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5270	4.17	4.22	-	-	7.21	11.00	3.79
5310	0.26	0.74	-	-	3.52	11.00	7.48

ISED

Maximum Power Spectral Density (U-NII-2A) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5290	-5.25	-5.04	-	-	-2.13	9.39	11.52	7.61

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5290	-5.25	-5.04	-	-	-2.13	11.00	13.13

ISED

Antenna Configuration:	TxBF	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5250	-8.16	-8.13	-	-	-5.14	7.71	9.29	14.43

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5250	-8.61	-8.33	-	-	-5.46	11.00	16.46

ISED

4.5.3 5.47-5.725 GHz band (U-NII-2C)**Test Summary:**

Test Engineer:	Max Passell	Test Dates:	09 June 2026 to 09 July 2026
Test Sample Serial Number:	Y929QLWGKP		

FCC Clause:	Part 15.407(a)(2)
ISED Canada Clause:	RSS-247 7.3.2.2 / RSS-Gen 6.12
Test Method Used:	ANSI C63.10 Section 12.6. referencing Section 12.4.2.2 & 12.4.2.4

Environmental Conditions:

Temperature (°C):	21 to 26
Relative Humidity (%):	37 to 53

Note(s):

1. For data rates where the EUT was transmitting at <98% duty cycle, the equation in section 2.4 was used to calculate the correction factor based on measured duty cycle in section 4.1. The correction factor was added to the spectrum analyser reference level offset to calculate the average maximum power spectral density during the actual transmission time.
2. For MIMO & TXBF modes, PSD was measured on all ports and then combined using the measure-and-sum technique stated in ANSI C63.10 Section 14.5.2.3.
3. For SISO and MIMO SDM modes of operation, the antenna gain is < 6 dBi.
4. FCC: For 2Tx MIMO CDD & TXBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 7.37 dBi. In accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore, the limit of 11.0 dBm has been reduced by 1.37 dB to 9.43 dBm.

Maximum Power Spectral Density (U-NII-2C) (continued)**Results: SISO / Core 0**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	6.78	-	-	-	-	11.00	4.22	4.80
5600	9.31	-	-	-	-	11.00	1.69	4.80
5700	6.15	-	-	-	-	11.00	4.85	4.80

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	6.86	-	-	-	-	11.00	4.14	4.80
5600	9.07	-	-	-	-	11.00	1.93	4.80
5700	6.36	-	-	-	-	11.00	4.64	4.80

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	-1.48	-	-	-	-	11.00	12.48	4.80
5590	6.36	-	-	-	-	11.00	4.64	4.80
5670	1.69	-	-	-	-	11.00	9.31	4.80

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	2.57	-	-	-	-	11.00	8.43	4.80
5590	6.02	-	-	-	-	11.00	4.98	4.80
5670	4.94	-	-	-	-	11.00	6.06	4.80

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-4.23	-	-	-	-	11.00	15.23	4.80
5610	1.37	-	-	-	-	11.00	9.63	4.80

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-0.96	-	-	-	-	11.00	11.96	4.80
5610	3.40	-	-	-	-	11.00	7.60	4.80

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-7.01	-	-	-	-	11.00	18.01	4.80

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-6.57	-	-	-	-	11.00	17.57	4.80

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	5.91	-	-	-	-	11.00	5.09	4.80
5600	8.99	-	-	-	-	11.00	2.01	4.80
5700	3.84	-	-	-	-	11.00	7.16	4.80

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	10.32	-	-	-	-	11.00	0.68	4.80
5600	9.07	-	-	-	-	11.00	1.93	4.80
5700	8.91	-	-	-	-	11.00	2.09	4.80

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	9.59	-	-	-	-	11.00	1.18	4.80
5600	9.78	-	-	-	-	11.00	1.22	4.80
5700	8.85	-	-	-	-	11.00	1.60	4.80

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	9.78	-	-	-	-	11.00	1.22	4.80
5600	8.72	-	-	-	-	11.00	2.28	4.80
5700	7.25	-	-	-	-	11.00	3.75	4.80

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	6.23	-	-	-	-	11.00	4.77	4.80
5600	8.97	-	-	-	-	11.00	2.03	4.80
5700	3.89	-	-	-	-	11.00	7.11	4.80

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	2.52	-	-	-	-	11.00	8.48	4.80
5590	5.89	-	-	-	-	11.00	5.11	4.80
5670	4.44	-	-	-	-	11.00	6.56	4.80

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-1.66	-	-	-	-	11.00	12.66	4.80
5610	3.03	-	-	-	-	11.00	7.97	4.80

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-2.72	-	-	-	-	11.00	13.72	4.80
5610	-0.63	-	-	-	-	11.00	11.63	4.80

Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-6.08	-	-	-	-	11.00	17.08	4.80

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-8.04	-	-	-	-	11.00	19.04	4.80

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-7.90	-	-	-	-	11.00	18.90	4.80

Maximum Power Spectral Density (U-NII-2C) (continued)**Results: SISO / Core 1**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	-	6.46	-	-	-	11.00	4.54	3.90
5600	-	8.67	-	-	-	11.00	2.33	3.90
5700	-	6.07	-	-	-	11.00	4.93	3.90

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	-	6.15	-	-	-	11.00	4.85	3.90
5600	-	8.83	-	-	-	11.00	2.17	3.90
5700	-	6.20	-	-	-	11.00	4.80	3.90

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	-	-0.93	-	-	-	11.00	11.93	3.90
5590	-	6.17	-	-	-	11.00	4.83	3.90
5670	-	1.63	-	-	-	11.00	9.37	3.90

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	-	2.71	-	-	-	11.00	8.29	3.90
5590	-	5.63	-	-	-	11.00	5.37	3.90
5670	-	4.79	-	-	-	11.00	6.21	3.90

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-	-3.75	-	-	-	11.00	14.75	3.90
5610	-	0.51	-	-	-	11.00	10.49	3.90

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-	-1.73	-	-	-	11.00	12.73	3.90
5610	-	2.67	-	-	-	11.00	8.33	3.90

Antenna Configuration:	SISO	Mode:	802.11a160
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-	-6.78	-	-	-	11.00	17.78	3.90

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	SISO	Mode:	802.11ac VHT160
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-	-7.51	-	-	-	11.00	18.51	3.90

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	-	5.45	-	-	-	11.00	5.55	3.90
5600	-	8.32	-	-	-	11.00	2.68	3.90
5700	-	4.13	-	-	-	11.00	6.87	3.90

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	-	9.86	-	-	-	11.00	1.14	3.90
5600	-	9.01	-	-	-	11.00	1.99	3.90
5700	-	9.23	-	-	-	11.00	1.77	3.90

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	-	8.92	-	-	-	11.00	2.08	3.90
5600	-	8.96	-	-	-	11.00	2.04	3.90
5700	-	9.53	-	-	-	11.00	1.47	3.90

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	-	9.76	-	-	-	11.00	1.24	3.90
5600	-	8.94	-	-	-	11.00	2.06	3.90
5700	-	6.85	-	-	-	11.00	4.15	3.90

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	-	6.16	-	-	-	11.00	4.84	3.90
5600	-	8.78	-	-	-	11.00	2.22	3.90
5700	-	4.09	-	-	-	11.00	6.91	3.90

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	-	1.71	-	-	-	11.00	9.29	3.90
5590	-	5.28	-	-	-	11.00	5.72	3.90
5670	-	4.18	-	-	-	11.00	6.82	3.90

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-	-2.35	-	-	-	11.00	13.35	3.90
5610	-	2.19	-	-	-	11.00	8.81	3.90

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-	-2.73	-	-	-	11.00	13.73	3.90
5610	-	-0.92	-	-	-	11.00	11.92	3.90

Antenna Configuration:	SISO	Mode:	802.11ax HE160 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-	-6.86	-	-	-	11.00	17.86	3.90

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-	-7.72	-	-	-	11.00	18.72	3.90

Antenna Configuration:	SISO	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-	-7.91	-	-	-	11.00	18.91	3.90

Maximum Power Spectral Density (U-NII-2C) (continued)**Results: MIMO CDD**

Antenna Configuration:	MIMO CDD	Mode:	802.11a20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	4.96	5.00	-	-	7.99	9.63	1.63	7.37
5600	5.11	5.03	-	-	8.08	9.63	1.54	7.37
5700	5.14	4.77	-	-	7.97	9.63	1.66	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	4.96	5.00	-	-	7.99	11.00	3.01
5600	5.11	5.03	-	-	8.08	11.00	2.92
5700	5.14	4.77	-	-	7.97	11.00	3.03

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Antenna Configuration:	MIMO CDD	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	4.28	4.47	-	-	7.39	9.63	2.24	7.37
5600	4.84	4.89	-	-	7.88	9.63	1.75	7.37
5700	5.25	4.89	-	-	8.09	9.63	1.54	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	4.28	4.47	-	-	7.39	11.00	3.61
5600	4.84	4.89	-	-	7.88	11.00	3.12
5700	5.25	4.89	-	-	8.09	11.00	2.91

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Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	-2.17	-2.19	-	-	0.83	9.63	8.80	7.37
5590	5.24	5.33	-	-	8.30	9.63	1.33	7.37
5670	1.42	1.56	-	-	4.50	9.63	5.13	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5510	-2.17	-2.19	-	-	0.83	11.00	10.17
5590	5.24	5.33	-	-	8.30	11.00	2.70
5670	1.42	1.56	-	-	4.50	11.00	6.50

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	1.64	1.76	-	-	4.71	9.63	4.92	7.37
5590	5.24	5.32	-	-	8.29	9.63	2.39	7.37
5670	4.33	4.13	-	-	7.24	9.63	1.50	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5510	1.64	1.76	-	-	4.71	11.00	6.29
5590	5.24	5.32	-	-	8.29	11.00	2.71
5670	4.33	4.13	-	-	7.24	11.00	3.76

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-4.93	-5.15	-	-	-2.03	9.63	11.66	7.37
5610	0.32	0.51	-	-	3.43	9.63	6.20	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5530	-4.93	-5.15	-	-	-2.03	11.00	13.03
5610	0.32	0.51	-	-	3.43	11.00	7.57

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-2.66	-2.75	-	-	0.30	9.63	9.32	7.37
5610	1.67	1.52	-	-	4.61	9.63	5.02	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5530	-2.66	-2.75	-	-	0.30	11.00	10.70
5610	1.67	1.52	-	-	4.61	11.00	6.39

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-8.18	-8.27	-	-	-5.22	9.63	14.84	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5570	-8.18	-8.27	-	-	-5.22	11.00	16.22

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-7.60	-7.80	-	-	-4.69	9.63	14.32	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5570	-7.60	-7.80	-	-	-4.69	11.00	15.69

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	4.58	4.79	-	-	7.69	9.63	1.93	7.37
5600	5.10	5.09	-	-	8.11	9.63	1.52	7.37
5700	2.95	2.38	-	-	5.68	9.63	3.95	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	4.58	4.79	-	-	7.69	11.00	3.31
5600	5.10	5.09	-	-	8.11	11.00	2.89
5700	2.95	2.38	-	-	5.68	11.00	5.32

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	5.35	5.23	-	-	8.30	9.63	1.04	7.37
5600	4.52	4.47	-	-	7.51	9.63	2.12	7.37
5700	5.20	4.96	-	-	8.09	9.63	1.54	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	5.35	5.23	-	-	8.30	11.00	2.70
5600	4.52	4.47	-	-	7.51	11.00	3.49
5700	5.20	4.96	-	-	8.09	11.00	2.91

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	4.93	5.35	-	-	8.16	9.63	1.18	7.37
5600	4.79	4.70	-	-	7.75	9.63	1.87	7.37
5700	5.45	4.65	-	-	8.08	9.63	1.55	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	4.93	5.35	-	-	8.16	11.00	2.84
5600	4.79	4.70	-	-	7.75	11.00	3.25
5700	5.45	4.65	-	-	8.08	11.00	2.92

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	5.14	5.42	-	-	8.29	9.63	1.34	7.37
5600	4.90	4.79	-	-	7.85	9.63	1.77	7.37
5700	5.21	4.93	-	-	8.08	9.63	1.55	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	5.14	5.42	-	-	8.29	11.00	2.71
5600	4.90	4.79	-	-	7.85	11.00	3.15
5700	5.21	4.93	-	-	8.08	11.00	2.92

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	5.60	5.24	-	-	8.43	9.63	1.20	7.37
5600	4.88	4.85	-	-	7.88	9.63	1.75	7.37
5700	3.58	2.97	-	-	6.29	9.63	3.34	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	5.60	5.24	-	-	8.43	11.00	2.57
5600	4.88	4.85	-	-	7.88	11.00	3.12
5700	3.58	2.97	-	-	6.29	11.00	4.71

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	1.53	1.16	-	-	4.36	9.63	5.27	7.37
5590	5.16	4.80	-	-	7.99	9.63	1.63	7.37
5670	4.23	4.09	-	-	7.17	9.63	2.46	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5510	1.53	1.16	-	-	4.36	11.00	6.64
5590	5.16	4.80	-	-	7.99	11.00	3.01
5670	4.23	4.09	-	-	7.17	11.00	3.83

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-3.29	-3.39	-	-	-0.33	9.63	9.96	7.37
5610	1.45	1.42	-	-	4.45	9.63	5.18	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5530	-3.29	-3.39	-	-	-0.33	11.00	11.33
5610	1.45	1.42	-	-	4.45	11.00	6.55

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-3.60	-3.93	-	-	-0.75	9.63	10.38	7.37
5610	-0.99	-1.20	-	-	1.92	9.63	7.71	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5530	-3.60	-3.93	-	-	-0.75	11.00	11.75
5610	-0.99	-1.20	-	-	1.92	11.00	9.08

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-7.10	-7.37	-	-	-4.22	9.63	13.85	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5570	-7.10	-7.37	-	-	-4.22	11.00	15.22

ISED

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-8.23	-8.35	-	-	-5.28	9.63	14.91	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5570	-8.23	-8.35	-	-	-5.28	11.00	16.28

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-8.71	-8.81	-	-	-5.75	9.63	15.37	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5570	-8.71	-8.81	-	-	-5.75	11.00	16.75

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)**Results: MIMO SDM**

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	5.21	5.38	-	-	8.30	11.00	2.70	4.37
5600	6.38	6.41	-	-	9.40	11.00	1.60	4.37
5700	5.45	5.14	-	-	8.31	11.00	2.69	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	1.49	1.38	-	-	4.45	11.00	6.55	4.37
5590	5.54	5.26	-	-	8.41	11.00	2.59	4.37
5670	4.64	4.31	-	-	7.49	11.00	3.51	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-2.56	-2.87	-	-	0.30	11.00	10.70	4.37
5610	1.60	1.62	-	-	4.62	11.00	6.38	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-7.54	-7.82	-	-	-4.67	11.00	15.67	4.37

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	4.39	4.54	-	-	7.47	11.00	3.53	4.37
5600	6.63	6.57	-	-	9.61	11.00	1.39	4.37
5700	3.29	2.92	-	-	6.12	11.00	4.88	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	6.27	6.44	-	-	9.36	11.00	1.64	4.37
5600	5.80	6.00	-	-	8.91	11.00	2.09	4.37
5700	6.71	6.20	-	-	9.47	11.00	1.53	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	6.63	6.44	-	-	9.55	11.00	1.45	4.37
5600	6.37	6.31	-	-	9.35	11.00	1.65	4.37
5700	6.25	6.05	-	-	9.16	11.00	.84	4.37

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	6.73	6.71	-	-	9.73	11.00	1.27	4.37
5600	6.46	6.44	-	-	9.46	11.00	1.54	4.37
5700	6.81	6.71	-	-	9.77	11.00	0.53	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	5.53	5.72	-	-	8.63	11.00	2.37	4.37
5600	6.06	6.05	-	-	9.07	11.00	1.93	4.37
5700	3.46	3.00	-	-	6.25	11.00	3.94	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	1.07	1.15	-	-	4.12	11.00	6.88	4.37
5590	5.20	4.99	-	-	8.11	11.00	2.89	4.37
5670	4.37	4.31	-	-	7.35	11.00	3.65	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-2.57	-2.83	-	-	0.31	11.00	10.69	4.37
5610	1.72	1.51	-	-	4.63	11.00	6.37	4.37

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-3.77	-4.26	-	-	-1.00	11.00	12.00	4.37
5610	-0.97	-1.28	-	-	1.89	11.00	9.11	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-7.38	-7.40	-	-	-4.38	11.00	15.38	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT160 MRU 996+484
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-8.37	-8.49	-	-	-5.42	11.00	16.42	4.37

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT160 MRU 996+484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-8.87	-8.70	-	-	-5.77	11.00	16.77	4.37

Maximum Power Spectral Density (U-NII-2C) (continued)**Results: TxBF**

Antenna Configuration:	TxBF	Mode:	802.11ac VHT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	4.59	4.58	-	-	7.59	9.63	2.03	7.37
5600	4.91	5.10	-	-	8.02	9.63	1.61	7.37
5700	4.73	4.27	-	-	7.51	9.63	2.12	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	4.59	4.58	-	-	7.59	11.00	3.41
5600	4.91	5.10	-	-	8.02	11.00	4.41
5700	4.73	4.27	-	-	7.51	11.00	3.57

ISED

Antenna Configuration:	TxBF	Mode:	802.11ac VHT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	0.51	0.60	-	-	3.56	9.63	6.06	7.37
5590	4.41	3.98	-	-	7.21	9.63	2.41	7.37
5670	3.57	3.26	-	-	6.43	9.63	3.20	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5510	0.51	0.60	-	-	3.56	11.00	7.44
5590	4.41	3.98	-	-	7.21	11.00	3.79
5670	3.57	3.26	-	-	6.43	11.00	4.57

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-3.77	-4.07	-	-	-0.91	9.63	10.53	7.37
5610	0.63	0.56	-	-	3.61	9.63	6.02	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5530	-3.77	-4.07	-	-	-0.91	11.00	11.91
5610	0.63	0.56	-	-	3.61	11.00	7.39

ISED

Antenna Configuration:	TxBF	Mode:	802.11ac VHT160
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-7.44	-7.71	-	-	-4.56	9.63	14.19	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5570	-7.44	-7.71	-	-	-4.56	11.00	15.56

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5500	3.70	3.59	-	-	6.65	9.63	2.97	7.37
5600	5.16	4.88	-	-	8.03	9.63	1.60	7.37
5700	1.88	1.08	-	-	4.51	9.63	5.12	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5500	3.70	3.59	-	-	6.65	11.00	4.35
5600	5.16	4.88	-	-	8.03	11.00	2.97
5700	1.88	1.08	-	-	4.51	11.00	6.49

ISED

Antenna Configuration:	TxBF	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5510	0.13	0.18	-	-	3.17	9.63	6.46	7.37
5590	4.13	3.70	-	-	6.93	9.63	2.70	7.37
5670	4.16	3.99	-	-	7.09	9.63	2.54	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5510	0.13	0.18	-	-	3.17	11.00	7.83
5590	4.13	3.70	-	-	6.93	11.00	4.07
5670	4.16	3.99	-	-	7.09	11.00	3.91

ISED

Maximum Power Spectral Density (U-NII-2C) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5530	-4.14	-4.35	-	-	-1.23	9.63	10.86	7.37
5610	0.80	0.25	-	-	3.55	9.63	6.08	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5530	-4.14	-4.35	-	-	-1.23	11.00	12.23
5610	0.80	0.25	-	-	3.55	11.00	7.45

ISED

Antenna Configuration:	TxBF	Mode:	802.11ax HE160 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5570	-7.03	-7.53	-	-	-4.26	9.63	13.89	7.37

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5570	-7.03	-7.53	-	-	-4.26	11.00	15.26

ISED

4.5.4 Channels that straddle the U-NII-2C and U-NII-3 bands at 5.725 GHz**Test Summary:**

Test Engineer:	Max Passell	Test Dates:	09 June 2026 to 09 July 2026
Test Sample Serial Number:	Y929QLWGKP		

FCC Clause:	Part 15.407(a)(2) & Part 15.407(a)(3)(i)
ISED Canada Clause:	RSS-247 7.3.3.2 & RSS-247 7.3.4.3 / RSS-Gen 6.12
Test Method Used:	ANSI C63.10 Section 12.6. referencing Section 12.4.2.2 & 12.4.2.4

Environmental Conditions:

Temperature (°C):	21 to 26
Relative Humidity (%):	37 to 53

Note(s):

1. For data rates where the EUT was transmitting at <98% duty cycle, the equation in section 2.4 was used to calculate the correction factor based on measured duty cycle in section 4.1. The correction factor was added to the spectrum analyser reference level offset to calculate the average maximum power spectral density during the actual transmission time.
2. For MIMO & TXBF modes, PSD was measured on all ports and then combined using the measure-and-sum technique stated in ANSI C63.10 Section 14.5.2.3.
3. For SISO and MIMO SDM modes of operation, the antenna gain is < 6 dBi.
4. FCC: For 2Tx MIMO CDD & TXBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 7.66 dBi for U-NII-2C and 7.36 dBi for U-NII-3. As U-NII-2C has the more stringent limit, in accordance with Part 15.407(a)(2), the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore, the limit of 11.0 dBm has been reduced by 1.66 dB to 9.34 dBm.
5. ISED: For 2Tx MIMO CDD & TXBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 7.36 dBi for U-NII-3. In accordance with RSS-247 7.3.4.3, the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore, the limit of 30 dBm/500 kHz has been reduced by 1.36 dB to 28.64 dBm/500 kHz.
6. Directional antenna gains have been calculated for the results below using the equations in the sample calculation section.

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)**Results: SISO / Core 0**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	9.79	-	-	-	-	11.00	1.21	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.80	-	-	-	-	30.00	24.20	4.20

UNII-3

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	9.76	-	-	-	-	11.00	1.24	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.86	-	-	-	-	30.00	24.14	4.20

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	7.21	-	-	-	-	11.00	3.79	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	1.50	-	-	-	-	30.00	28.50	4.20

UNII-3

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	6.82	-	-	-	-	11.00	4.18	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	1.44	-	-	-	-	30.00	28.56	4.20

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	4.27	-	-	-	-	11.00	6.73	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-2.40	-	-	-	-	30.00	32.40	4.20

UNII-3

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	3.73	-	-	-	-	11.00	7.27	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-2.80	-	-	-	-	30.00	32.80	4.20

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	9.69	-	-	-	-	11.00	1.31	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.58	-	-	-	-	30.00	24.42	4.20

UNII-3

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	1.66	-	-	-	-	11.00	9.34	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	6.96	-	-	-	-	30.00	23.04	4.20

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	1 (Core 0)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	10.27	-	-	-	-	11.00	0.73	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	6.39	-	-	-	-	30.00	23.61	4.20

UNII-3

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	9.91	-	-	-	-	11.00	1.09	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.82	-	-	-	-	30.00	22.82	4.20

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	9.65	-	-	-	-	11.00	1.35	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.61	-	-	-	-	30.00	24.39	4.20

UNII-3

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	6.42	-	-	-	-	11.00	4.58	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	0.91	-	-	-	-	30.00	29.09	4.20

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	1 (Core 0)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	3.89	-	-	-	-	11.00	7.11	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-2.47	-	-	-	-	30.00	32.47	4.20

UNII-3

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1 (Core 0)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	3.05	-	-	-	-	11.00	7.95	4.80

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-2.07	-	-	-	-	30.00	32.07	4.20

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)**Results: SISO / Core 1**

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	9.17	-	-	-	11.00	1.83	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	5.18	-	-	-	30.00	24.82	4.50

UNII-3

Antenna Configuration:	SISO	Mode:	802.11n HT20
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	9.17	-	-	-	11.00	1.83	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	4.96	-	-	-	30.00	25.04	4.50

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11a40
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-	7.08	-	-	-	11.00	3.92	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-	1.69	-	-	-	30.00	28.31	4.50

UNII-3

Antenna Configuration:	SISO	Mode:	802.11n HT40
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-	6.61	-	-	-	11.00	4.39	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-	1.21	-	-	-	30.00	28.79	4.50

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11a80
Test Port:	2 (Core 1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-	4.03	-	-	-	11.00	6.97	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-	-2.54	-	-	-	30.00	32.54	4.50

UNII-3

Antenna Configuration:	SISO	Mode:	802.11ac VHT80
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-	3.30	-	-	-	11.00	7.70	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-	-3.30	-	-	-	30.00	33.30	4.50

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	9.53	-	-	-	11.00	1.47	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	5.46	-	-	-	30.00	24.54	4.50

UNII-3

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU52
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	1.97	-	-	-	11.00	9.03	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	7.13	-	-	-	30.00	22.87	4.50

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE20 RU106
Test Port:	2 (Core 1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	9.92	-	-	-	11.00	1.08	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	6.13	-	-	-	30.00	23.87	4.50

UNII-3

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 52+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	9.53	-	-	-	11.00	1.47	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	5.34	-	-	-	30.00	24.66	4.50

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11be EHT20 MRU 106+26
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	9.55	-	-	-	11.00	1.45	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-	5.46	-	-	-	30.00	24.54	4.50

UNII-3

Antenna Configuration:	SISO	Mode:	802.11ax HE40 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-	6.46	-	-	-	11.00	4.54	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-	0.93	-	-	-	30.00	29.07	4.50

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	SISO	Mode:	802.11ax HE80 SU
Test Port:	2 (Core 1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-	3.57	-	-	-	11.00	7.43	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-	-2.87	-	-	-	30.00	32.87	4.50

UNII-3

Antenna Configuration:	SISO	Mode:	802.11be EHT80 MRU 484+242
Test Port:	2 (Core 1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-	2.78	-	-	-	11.00	8.22	4.50

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-	-2.12	-	-	-	30.00	32.12	4.50

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)**Results: MIMO CDD**

Antenna Configuration:	MIMO CDD	Mode:	802.11a20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.00	4.96	-	-	7.99	9.34	1.35	7.66

FCC UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	5.00	4.96	-	-	7.99	11.00	3.01

ISED UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	1.27	0.60	-	-	3.96	28.64	24.68	7.36

UNII-3

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.17	4.79	-	-	7.99	9.34	1.35	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	5.17	4.79	-	-	7.99	11.00	3.01

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	0.93	0.39	-	-	3.68	28.64	24.96	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	5.58	5.43	-	-	8.51	9.34	0.83	7.66

FCC UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5710	5.58	5.43	-	-	8.51	11.00	2.49

ISED UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-0.19	-0.27	-	-	2.78	28.64	25.86	7.36

FCC UNII-3

Antenna Configuration:	MIMO CDD	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	5.35	4.71	-	-	8.05	9.34	1.29	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5710	5.35	4.71	-	-	8.05	11.00	2.95

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-0.36	-0.68	-	-	2.49	28.64	26.15	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11a80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	3.44	3.26	-	-	6.36	9.34	2.98	7.66

FCC UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5690	3.44	3.26	-	-	6.36	11.00	4.64

ISED UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-3.45	-3.50	-	-	-0.47	28.64	29.11	7.36

UNII-3

Antenna Configuration:	MIMO CDD	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	2.98	2.63	-	-	5.82	9.34	3.52	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5690	2.98	2.63	-	-	5.82	11.00	5.18

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-3.31	-3.86	-	-	-0.57	28.64	29.21	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.15	4.82	-	-	8.00	9.34	1.34	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	5.15	4.82	-	-	8.00	11.00	3.00

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	0.95	0.36	-	-	3.67	28.64	24.96	7.36

UNII-3

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-3.10	-3.47	-	-	-0.27	9.34	9.61	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	-3.10	-3.47	-	-	-0.27	11.00	11.27

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	7.05	6.82	-	-	9.95	28.64	18.69	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x1 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	4.94	4.42	-	-	7.70	9.34	1.67	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	4.94	4.42	-	-	7.70	11.00	3.30

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	1.68	0.80	-	-	4.27	28.64	24.37	7.36

UNII-3

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.26	4.87	-	-	8.08	9.34	1.26	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	5.26	4.87	-	-	8.08	11.00	2.92

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	1.26	1.17	-	-	4.22	28.64	24.42	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.42	5.01	-	-	8.23	9.34	1.11	7.66

FCC

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	5.42	5.01	-	-	8.23	11.00	2.77

ISED

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	1.26	0.89	-	-	4.09	28.64	24.55	7.36

UNII-3

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	4.72	4.28	-	-	7.52	9.34	1.82	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5710	4.72	4.28	-	-	7.52	11.00	3.48

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-0.58	-1.24	-	-	2.11	28.64	26.53	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO CDD	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	2.51	2.35	-	-	5.44	9.34	3.90	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5690	2.51	2.35	-	-	5.44	11.00	5.56

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-3.93	-4.13	-	-	-1.02	28.64	29.66	7.36

UNII-3

Antenna Configuration:	MIMO CDD	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x1 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	2.09	1.12	-	-	4.64	9.34	4.70	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5690	2.09	1.12	-	-	4.64	11.00	6.36

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-3.33	-3.42	-	-	-0.36	28.64	29.00	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)**Results: MIMO SDM**

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	6.62	6.15	-	-	9.40	11.00	1.60	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	2.25	1.81	-	-	5.05	30.00	24.95	4.35

UNII-3

Antenna Configuration:	MIMO SDM	Mode:	802.11n HT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS10 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	5.70	5.73	-	-	8.73	11.00	2.27	4.65

UNII -2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	0.46	0.13	-	-	3.31	30.00	26.69	4.35

UNII -3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	3.18	2.82	-	-	6.01	11.00	4.99	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-3.39	-3.61	-	-	-0.48	30.00	30.48	4.35

UNII-3

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	6.63	6.25	-	-	9.45	11.00	1.55	4.65

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	2.43	2.16	-	-	5.31	30.00	24.69	4.35

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU52
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	-1.86	-2.56	-	-	0.81	11.00	10.19	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	3.87	3.59	-	-	6.74	30.00	23.26	4.35

UNII-3

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE20 RU106
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS11x2 (1024QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	6.74	6.48	-	-	9.62	11.00	1.38	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	2.83	2.19	-	-	5.53	30.00	24.47	4.35

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 52+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	7.09	6.63	-	-	9.88	11.00	1.12	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	2.60	2.45	-	-	5.54	30.00	24.46	4.35

UNII-3

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT20 MRU 106+26
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	6.84	6.45	-	-	9.66	11.00	1.34	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	2.76	2.27	-	-	5.53	30.00	24.47	4.35

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	5.73	5.20	-	-	8.48	11.00	2.52	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-0.01	-0.24	-	-	2.89	30.00	27.11	4.35

UNII-3

Antenna Configuration:	MIMO SDM	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x2 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	3.01	2.72	-	-	5.88	11.00	5.12	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-3.44	-3.76	-	-	-0.59	30.00	30.59	4.35

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	MIMO SDM	Mode:	802.11be EHT80 MRU 484+242
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS9x2 (256QAM)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	3.07	2.58	-	-	5.84	11.00	5.16	4.65

UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-2.42	-2.88	-	-	0.37	30.00	29.63	4.35

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)**Results: TxBF**

Antenna Configuration:	TxBF	Mode:	802.11ac VHT20
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.06	4.51	-	-	7.80	9.34	1.53	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	5.06	4.51	-	-	7.80	11.00	3.20

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	0.68	0.13	-	-	3.42	28.64	25.22	7.36

UNII-3

Antenna Configuration:	TxBF	Mode:	802.11ac VHT40
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	4.72	4.08	-	-	7.42	9.34	1.92	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5710	4.72	4.08	-	-	7.42	11.00	3.58

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-0.91	-1.28	-	-	1.92	28.64	26.72	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ac VHT80
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	1.45	1.30	-	-	4.39	9.34	4.95	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5690	1.45	1.30	-	-	4.39	11.00	6.61

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-4.89	-5.22	-	-	-2.04	28.64	30.68	7.36

UNII-3

Antenna Configuration:	TxBF	Mode:	802.11ax HE20 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	5.05	4.46	-	-	7.77	9.34	1.56	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5720	5.05	4.46	-	-	7.77	11.00	3.23

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5720	0.81	0.39	-	-	3.61	28.64	25.03	7.36

UNII-3

Maximum Power Spectral Density (Straddle Channels U-NII-2C – U-NII-3) (continued)

Antenna Configuration:	TxBF	Mode:	802.11ax HE40 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	4.59	3.81	-	-	7.22	9.34	2.11	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5710	4.59	3.81	-	-	7.22	11.00	3.78

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5710	-1.17	-1.19	-	-	1.83	28.64	26.81	7.36

UNII-3

Antenna Configuration:	TxBF	Mode:	802.11ax HE80 SU
Test Port:	1+2 (Core 0+Core1)	Rate/Modulation:	MCS2x1 (QPSK)

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	1.49	1.13	-	-	4.32	9.34	5.02	7.66

FCC – UNII-2C

Test Frequency (MHz)	PSD (dBm / MHz)					Limit (dBm)	Margin (dB)
	1	2	3	4	Σ		
5690	1.49	1.13	-	-	4.32	11.00	6.68

ISED – UNII-2C

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5690	-4.84	-5.47	-	-	-2.14	28.64	30.78	7.36

UNII-3

4.5.5 5.725-5.85 GHz band (U-NII-3)**Test Summary:**

Test Engineer:	Max Passell	Test Dates:	09 June 2026 to 09 July 2026
Test Sample Serial Number:	Y929QLWGKP		

FCC Clause:	Part 15.407(a)(3)(i)
ISED Canada Clause:	RSS-247 7.3.4.3 / RSS-Gen 6.12
Test Method Used:	ANSI C63.10 Section 12.6. referencing Section 12.4.2.2 & 12.4.2.4

Environmental Conditions:

Temperature (°C):	21 to 26
Relative Humidity (%):	37 to 53

Note(s):

1. For data rates where the EUT was transmitting at <98% duty cycle, the equation in section 2.4 was used to calculate the correction factor based on measured duty cycle in section 4.1. The correction factor was added to the spectrum analyser reference level offset to calculate the average maximum power spectral density during the actual transmission time.
2. For MIMO & TXBF modes, PSD was measured on all ports and then combined using the measure-and-sum technique stated in ANSI C63.10 Section 14.5.2.3.
3. For SISO and MIMO SDM modes of operation, the antenna gain is < 6 dBi.
4. For 2Tx MIMO CDD & TXBF modes of operation presented in this section of the test report, the EUT has a directional antenna gain of 7.36 dBi. In accordance with Part 15.407(a)(3)(i) / RSS-247 7.3.4.3, the limit was reduced by the amount in dB the antenna gain exceeds 6 dBi. Therefore, the limit of 30.0 dBm/500 kHz has been reduced by 1.36 dB to 28.64 dBm/500 kHz.
5. Directional antenna gains have been calculated for the results below using the equations in the sample calculation section.

Maximum Power Spectral Density (U-NII-3) (continued)

Results: SISO / Core 0

Antenna Configuration:	SISO	Mode:	802.11a20
Test Port:	1 (Core 0)	Rate/Modulation:	12 Mbps (QPSK)

Test Frequency (MHz)	PSD (dBm / 500 kHz)					Limit (dBm / 500 kHz)	Margin (dB)	Antenna Gain (dBi)
	1	2	3	4	Σ			
5745	6.85	-	-	-	-	30.00	23.15	4.20
5785	7.06	-	-	-	-	30.00	22.94	4.20
5825	7.14	-	-	-	-	30.00	22.86	4.20

