

A.8 CONTENTION BASED PROTOCOL

Test Date	2022/03/29 ~ 04/20	Temp./Hum.	20~21°C/62~66%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Sam Chang

A.8.1 Contention-based Protocol

- Contention-based Protocol Threshold Incumbent Signal & Mini. Detection level

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	Detected Level (dBm)	Threshold Incumbent Signal (dBm)
802.11ax-HE20	5	6175	6175	-75.7	-62.0
			6475	-72.2	-62.0
			6695	-75.0	-62.0
			6995	-74.0	-62.0
802.11ax-HE160	5	6185	6110	-77.2	-62.0
			6185	-72.2	-62.0
			6260	-73.2	-62.0
	6	6505	6430	-69.7	-62.0
			6505	-70.2	-62.0
			6580	-74.2	-62.0
	7	6665	6590	-70.8	-62.0
			6665	-71.2	-62.0
			6740	-76.2	-62.0
	8	6985	6910	-70.0	-62.0
			6985	-70.8	-62.0
			7060	-72.7	-62.0

Note: Threshold incumbent signal is referenced to a 0 dBi antenna gain .
 Detected level is EUT detect incumbent signal with minimum level.

- Summary table

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)	
802.11ax-HE20	5	6175	6175	1	1	1	1	1	1	1	1	1	1	100	90	
			6475	1	1	1	1	1	1	1	1	1	1	100	90	
			6695	1	1	1	1	1	1	1	1	1	1	1	100	90
			6995	1	1	1	1	1	1	1	1	1	1	1	100	90
802.11ax-HE160	5	6185	6110	1	1	1	1	1	1	1	1	1	1	100	90	
			6185	1	1	1	1	1	1	1	1	1	1	1	100	90
			6260	1	1	1	1	1	1	1	1	1	1	1	100	90
	6	6505	6430	1	1	1	1	1	1	1	1	1	1	1	100	90
			6505	1	1	1	1	1	1	1	1	1	1	1	100	90
			6580	1	1	1	1	1	1	1	1	1	1	1	100	90
	7	6665	6590	1	1	1	1	1	1	1	1	1	1	1	100	90
			6665	1	1	1	1	1	1	1	1	1	1	1	100	90
			6740	1	1	1	1	1	1	1	1	1	1	1	100	90
	8	6985	6910	1	1	1	1	1	1	1	1	1	1	1	100	90
			6985	1	1	1	1	1	1	1	1	1	1	1	100	90
			7060	1	1	1	1	1	1	1	1	1	1	1	100	90

Note: CBP Detection Trials (1= Detection, 0= No Detection)

A.8.2 Measurement Plots





