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A.8 CONTENTION BASED PROTOCOL

Test Date	2025/09/04~15	Temp./Hum.	23~26°C/50~54%
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	EUT Frequency (MHz)	AWGN Frequency (MHz)	SG Power level (dBm)	Path Loss (dB)	Injected AWGN Power (dBm)	Min. Antenna Gain (Include path loss) (dBi) *Note1	Adjusted Power (dBm)	Detection Limit (dBm)	EUT Tx Status
802.11be-EHT20	5	6135	6135	-38	-44.29	-82.29	-0.51	-81.78	-62	OFF
			6135	-42	-44.29	-86.29	-0.51	-85.78	-62	Minimum
			6135	-44	-44.29	-88.29	-0.51	-87.78	-62	ON
	6	6455	6455	-38	-42.42	-80.42	-0.51	-79.91	-62	OFF
			6455	-44	-42.42	-86.42	-0.51	-85.91	-62	Minimum
			6455	-46	-42.42	-88.42	-0.51	-87.91	-62	ON
	7	6695	6695	-38	-40.41	-78.41	-0.51	-77.9	-62	OFF
			6695	-43	-40.41	-83.41	-0.51	-82.9	-62	Minimum
			6695	-45	-40.41	-85.41	-0.51	-84.9	-62	ON
	8	7015	7015	-37	-42.17	-79.17	-0.51	-78.66	-62	OFF
			7015	-42	-42.17	-84.17	-0.51	-83.66	-62	Minimum
			7015	-44	-42.17	-86.17	-0.51	-85.66	-62	ON
802.11be-EHT160	5	6185	6110	-34	-43.89	-77.89	-0.51	-77.38	-62	OFF
			6110	-44	-43.89	-87.89	-0.51	-87.38	-62	Minimum
			6110	-46	-43.89	-89.89	-0.51	-89.38	-62	ON
			6185	-30	-42.3	-72.3	-0.51	-71.79	-62	OFF
			6185	-36	-42.3	-78.3	-0.51	-77.79	-62	Minimum
			6185	-38	-42.3	-80.3	-0.51	-79.79	-62	ON
			6260	-34	-42.72	-76.72	-0.51	-76.21	-62	OFF
			6260	-44	-42.72	-86.72	-0.51	-86.21	-62	Minimum
			6260	-46	-42.72	-88.72	-0.51	-88.21	-62	ON
	5/6/7	6505	6430	-34	-44.63	-78.63	-0.51	-78.12	-62	OFF
			6430	-45	-44.63	-89.63	-0.51	-89.12	-62	Minimum
			6430	-46	-44.63	-90.63	-0.51	-90.12	-62	ON
			6505	-30	-41.92	-71.92	-0.51	-71.41	-62	OFF
			6505	-37	-41.92	-78.92	-0.51	-78.41	-62	Minimum
			6505	-38	-41.92	-79.92	-0.51	-79.41	-62	ON
			6580	-34	-44.11	-78.11	-0.51	-77.6	-62	OFF
			6580	-45	-44.11	-89.11	-0.51	-88.6	-62	Minimum
			6580	-47	-44.11	-91.11	-0.51	-90.6	-62	ON
	7/8	6665	6590	-34	-42.2	-76.2	-0.51	-75.69	-62	OFF
			6590	-45	-42.2	-87.2	-0.51	-86.69	-62	Minimum
			6590	-46	-42.2	-88.2	-0.51	-87.69	-62	ON
			6665	-31	-41.69	-72.69	-0.51	-72.18	-62	OFF
			6665	-30	-41.69	-71.69	-0.51	-71.18	-62	Minimum
			6665	-38	-41.69	-79.69	-0.51	-79.18	-62	ON
			6740	-33	-42.8	-75.8	-0.51	-75.29	-62	OFF
			6740	-44	-42.8	-86.8	-0.51	-86.29	-62	Minimum
			6740	-46	-42.8	-88.8	-0.51	-88.29	-62	ON
	7/8	6985	6910	-33	-42.16	-75.16	-0.51	-74.65	-62	OFF
			6910	-43	-42.16	-85.16	-0.51	-84.65	-62	Minimum
			6910	-44	-42.16	-86.16	-0.51	-85.65	-62	ON
			6985	-29	-41.7	-70.7	-0.51	-70.19	-62	OFF
			6985	-35	-41.7	-76.7	-0.51	-76.19	-62	Minimum
			6985	-36	-41.7	-77.7	-0.51	-77.19	-62	ON
			7060	-33	-41.81	-74.81	-0.51	-74.3	-62	OFF
			7060	-43	-41.81	-84.81	-0.51	-84.3	-62	Minimum
			7060	-45	-41.81	-86.81	-0.51	-86.3	-62	ON

Note 1: The listed Min. gain of EUT was included path loss.

Note 2: Detected level (Adjusted Power) = Injected AWGN Power (dBm) – (Antenna Gain (dBi) + Path loss (dB)) *Note1.

Note 3: The AWGN level is reported for the following conditions:

- OFF = AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- ON = AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Note 4: The EUT don't support channel puncturing or BW reduction mechanism.

Note 5: Per FCC TCB workshop April 2022, The Injected AWGN power is actual power of AWGN injected into the antenna port.

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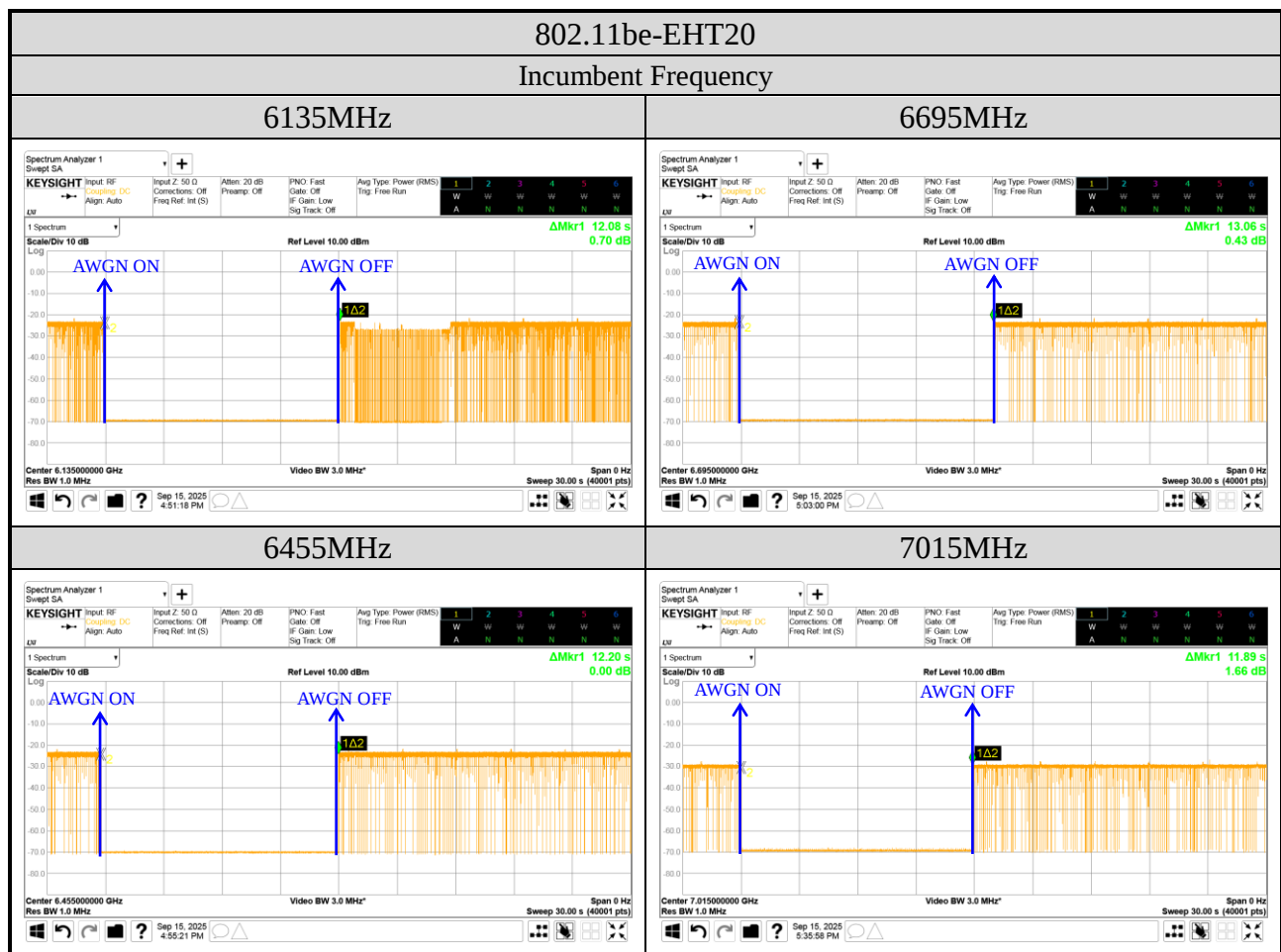
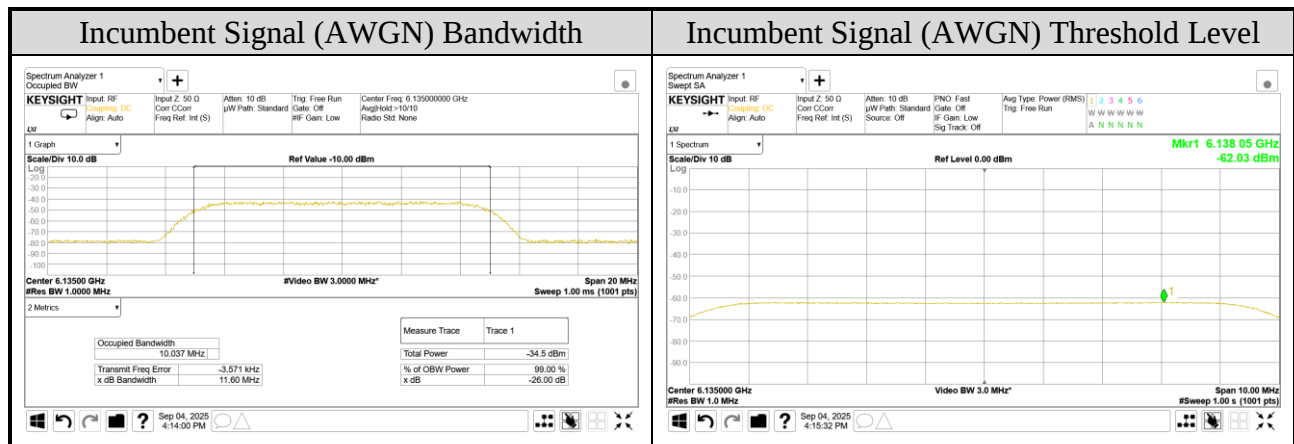
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● Summary table

Mode	U-NII Band	Centre Frequency (MHz)	Incumbent Frequency (MHz)	1	2	3	4	5	6	7	8	9	10	Detection Possibility (%)	Limit (%)
802.11be-EHT20	5	6135	6135	1	1	1	1	1	1	1	1	1	1	100	90
	6	6455	6455	1	1	1	1	1	1	1	1	1	1	100	90
	7	6695	6695	1	1	1	1	1	1	1	1	1	1	100	90
	8	7015	7015	1	1	1	1	1	1	1	1	1	1	100	90
802.11be-EHT160	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	100	90
			6260	1	1	1	1	1	1	1	1	1	1	100	90
			6430	1	1	1	1	1	1	1	1	1	1	100	90
	5/6/7	6505	6505	1	1	1	1	1	1	1	1	1	1	100	90
			6580	1	1	1	1	1	1	1	1	1	1	100	90
			6590	1	1	1	1	1	1	1	1	1	1	100	90
			6665	1	1	1	1	1	1	1	1	1	1	100	90
	7/8	6665	6740	1	1	1	1	1	1	1	1	1	1	100	90
			6910	1	1	1	1	1	1	1	1	1	1	100	90
			6985	1	1	1	1	1	1	1	1	1	1	100	90
			7060	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



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