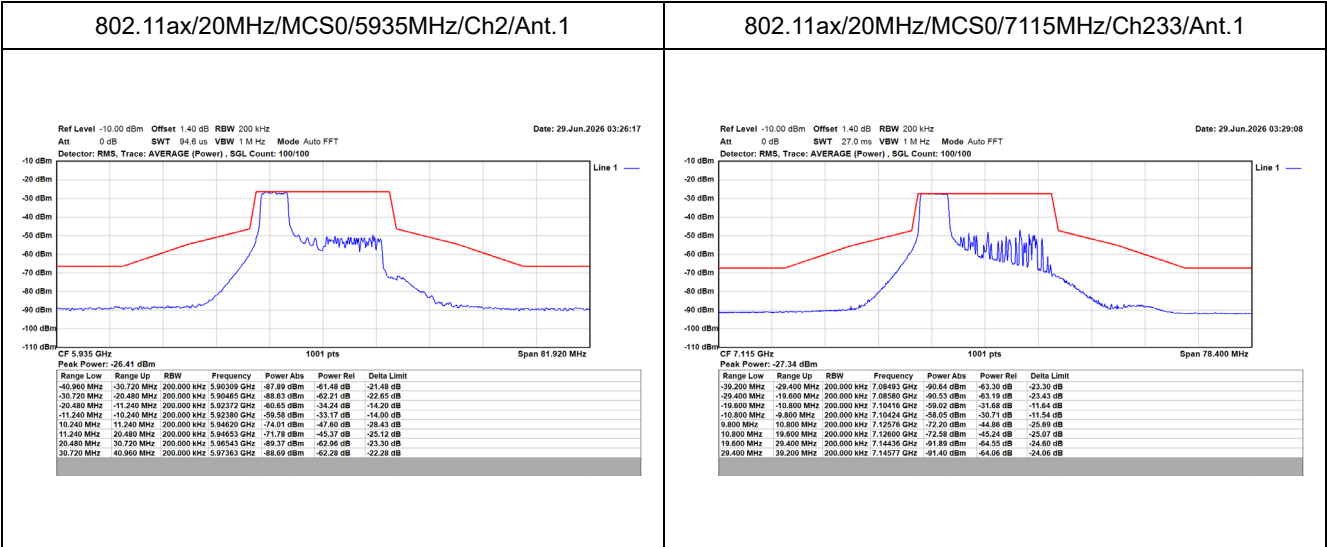
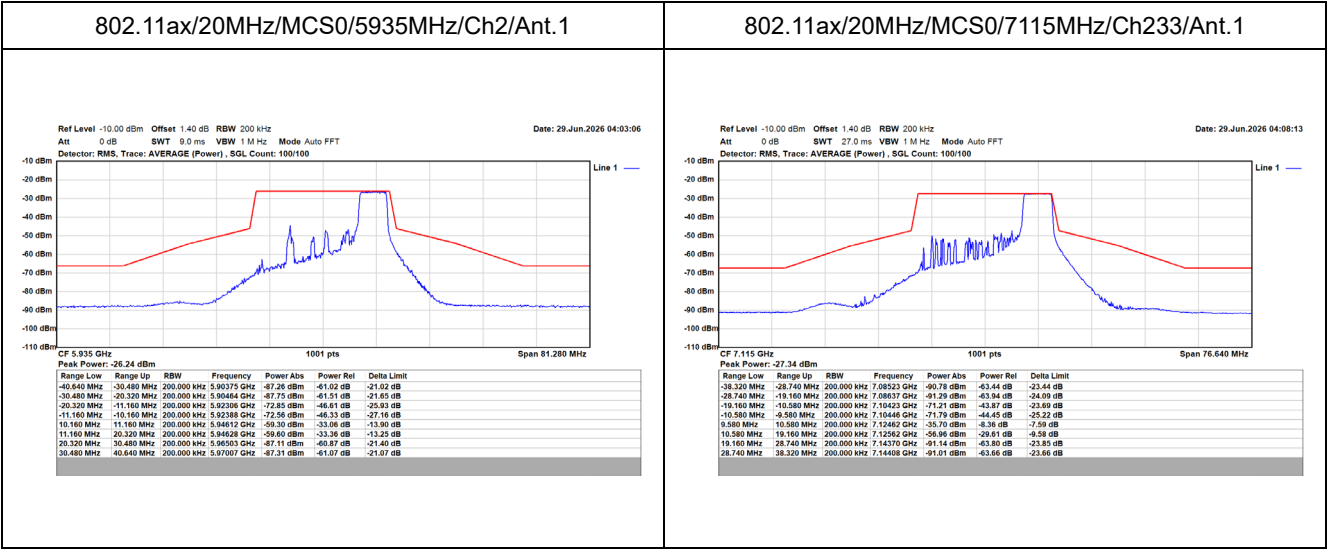


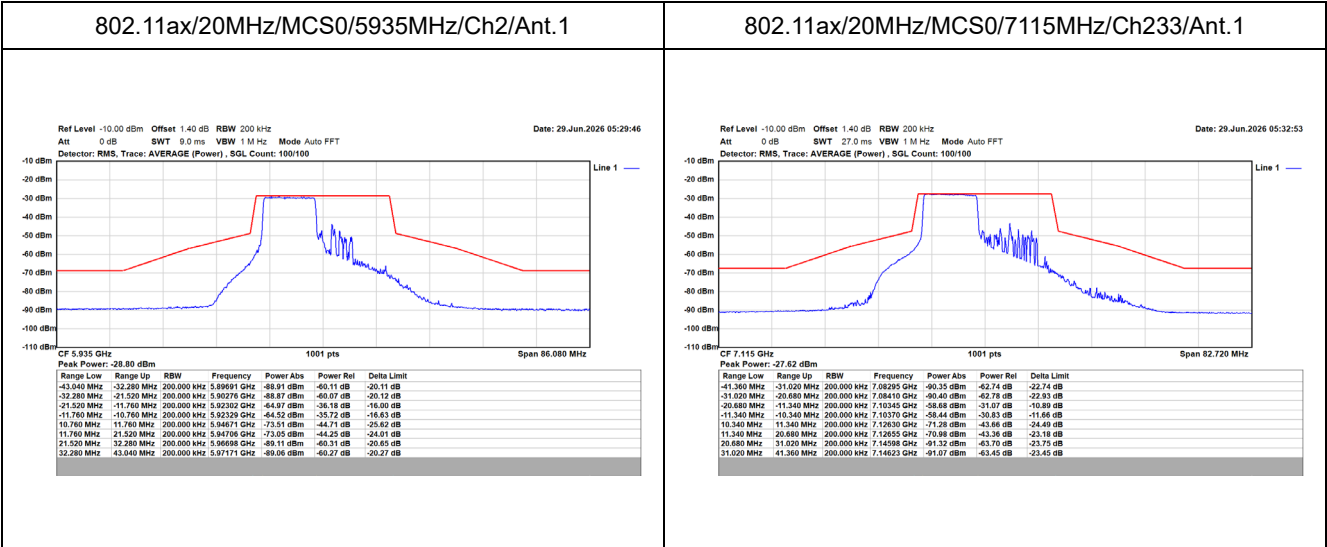
52-tone RU (37)



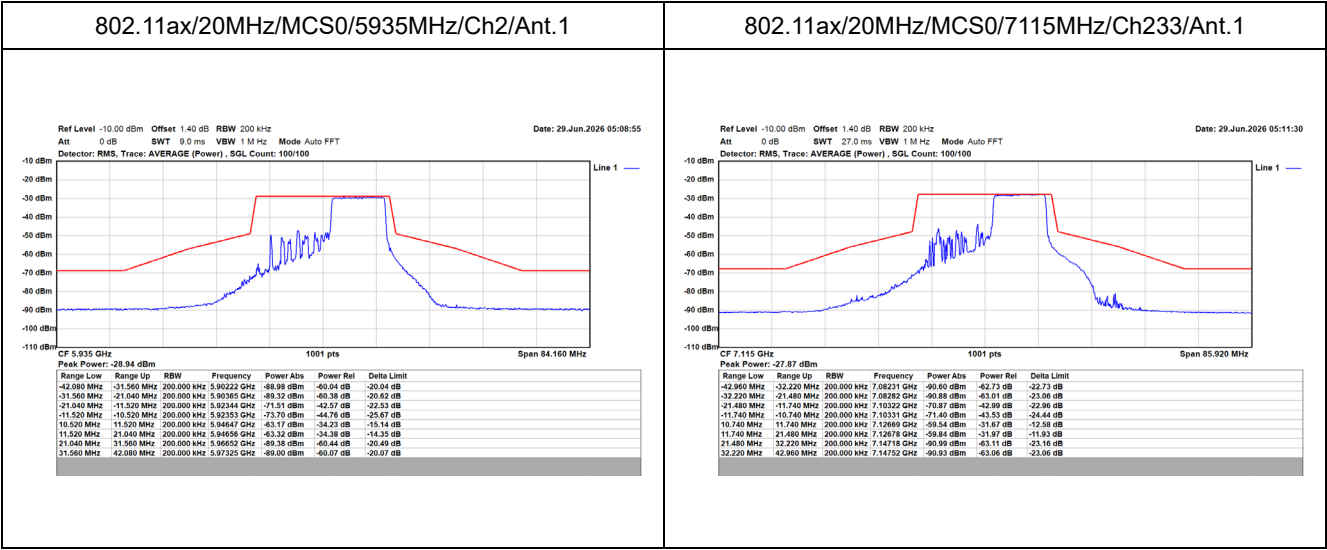
52-tone RU (40)



106-tone RU (53)



106-tone RU (54)



Appendix G. Test Result of Contention Based Protocol

Contention Based Protocol Measurement										
Measurement Mode		Conducted measurement			Device Type			Very Low Power		
The Incumbent Signal (AWGN) Level (dBm)		-62 dBm (at the antenna connector)						Gain (dBi)		-0.34
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	Test Result					
					AWGN Signals Frequency (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 5	802.11ax	20MHz	33	6115	6115	10	10	100%	90%	Pass
		160MHz	47	6185	6110	10	10	100%	90%	Pass
					6185	10	10	100%	90%	Pass
					6260	10	10	100%	90%	Pass

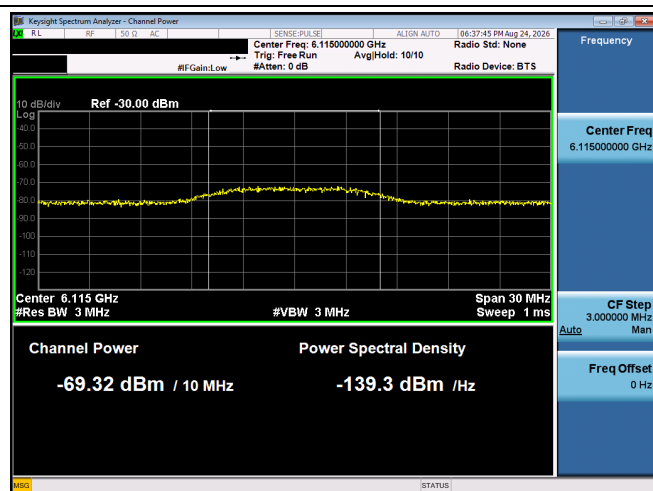
Lowest Interference (AWGN) Level Check							
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	AWGN Signals Frequency (MHz)	Threshold Level (dBm)	EUT Status
U-NII 5	802.11ax	20MHz	33	6115	6115	-73.98	OFF
						-75.16	Minimal
						-81.76	ON
		160MHz	47	6185	6110	-71.57	OFF
						-72.36	Minimal
						-75.66	ON
					6185	-67.30	OFF
						-67.36	Minimal
						-71.96	ON
					6260	-73.71	OFF
						-74.26	Minimal
						-77.96	ON

Note:

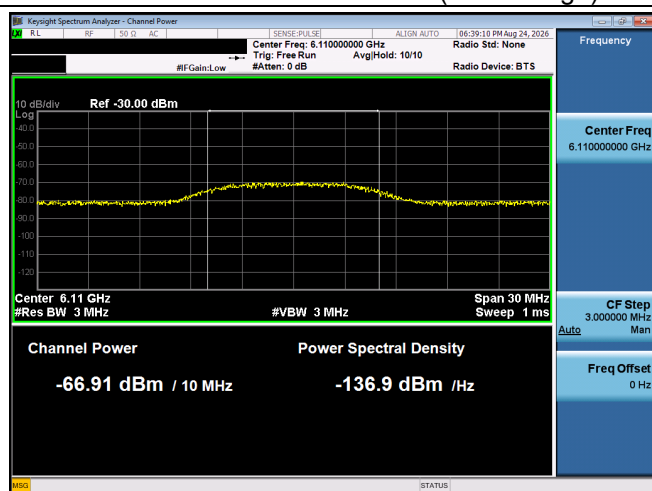
1. Injected (AWGN) POWER at the antenna connector (dBm) = S.G. (dBm) - Cable loss (dB) - Splitter loss (dB) - lowest antenna gain (dB)
2. Only one chain was performed for testing.
3. The AWGN level is reported for the following conditions:
 - OFF = AWGN level at which no transmission is detected, consistently 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.

Plots of shows Incumbent signal level

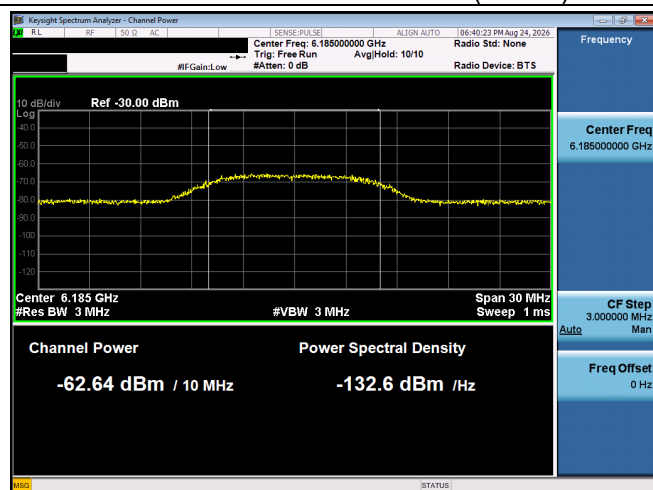
802.11ax-20 MHz / 6115 MHz



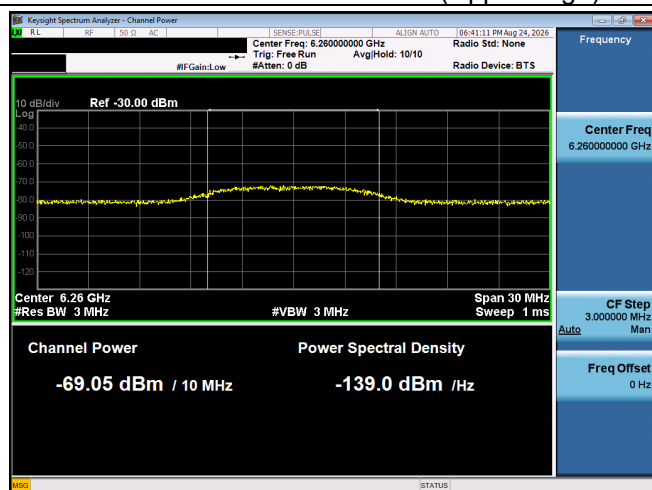
802.11ax-160 MHz / 6110 MHz (Lower Edge)



802.11ax-160 MHz / 6185 MHz (Middle)

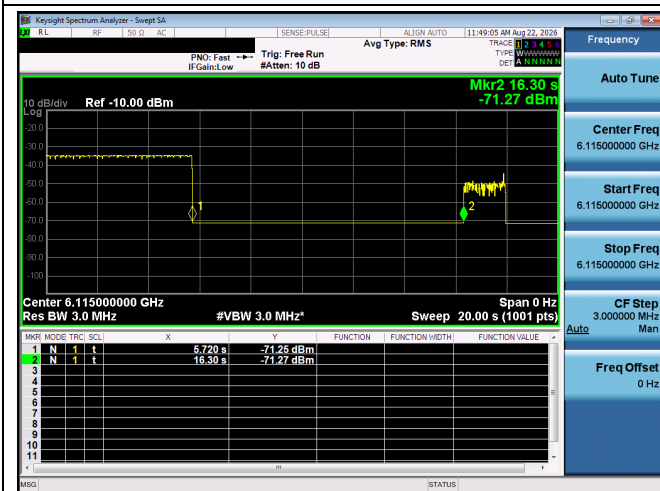


802.11ax-160 MHz / 6260 MHz (Upper Edge)

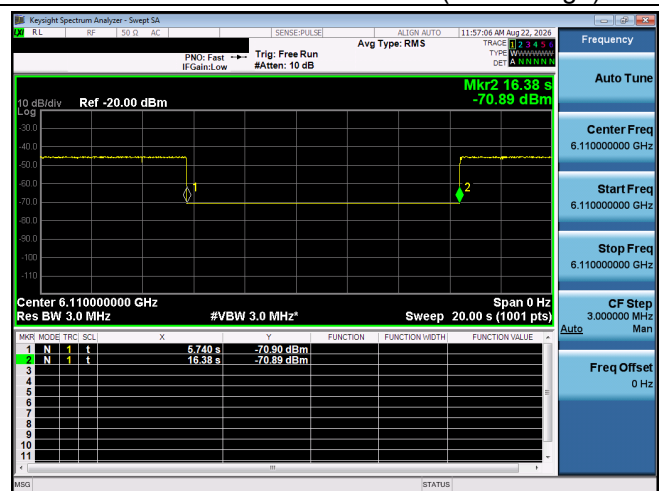


Plots of EUT ceased transmission in the time domain

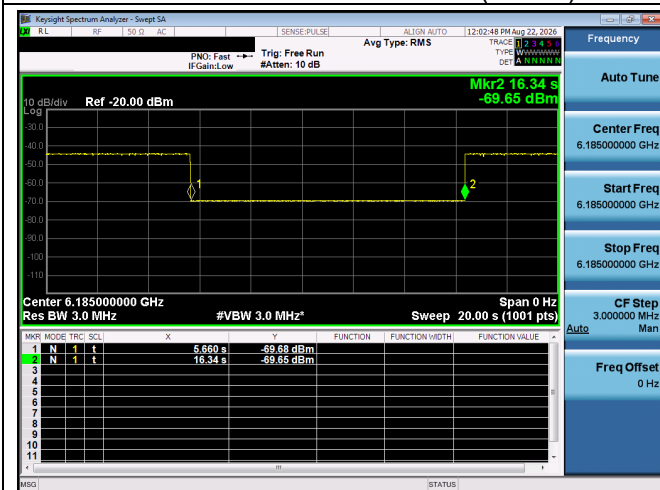
802.11ax-20 MHz / 6115 MHz



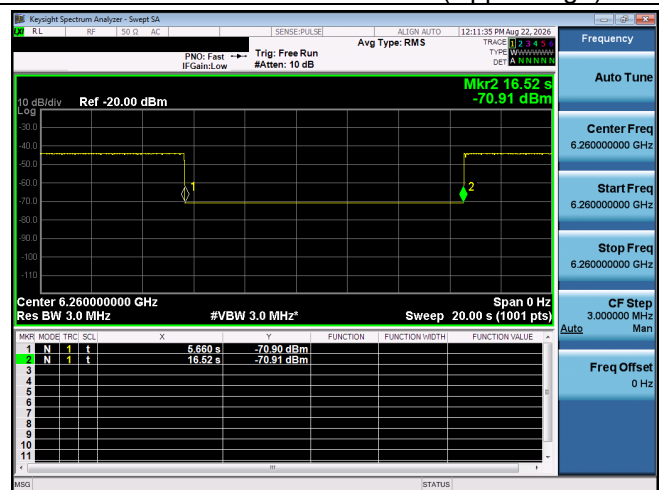
802.11ax-160 MHz / 6110 MHz (Lower Edge)



802.11ax-160 MHz / 6185 MHz (Middle)



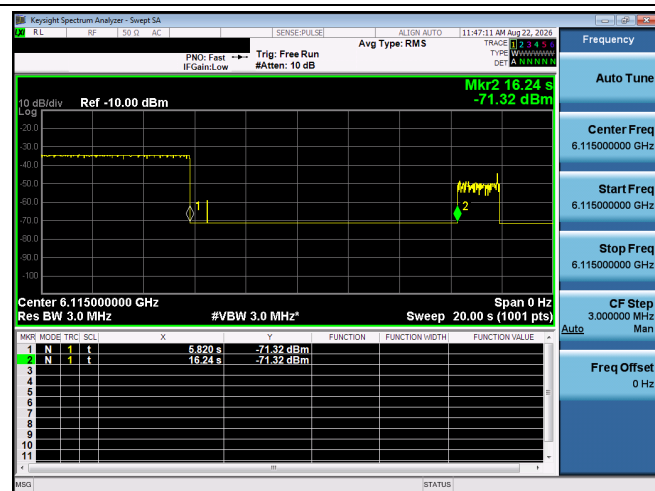
802.11ax-160 MHz / 6260 MHz (Upper Edge)



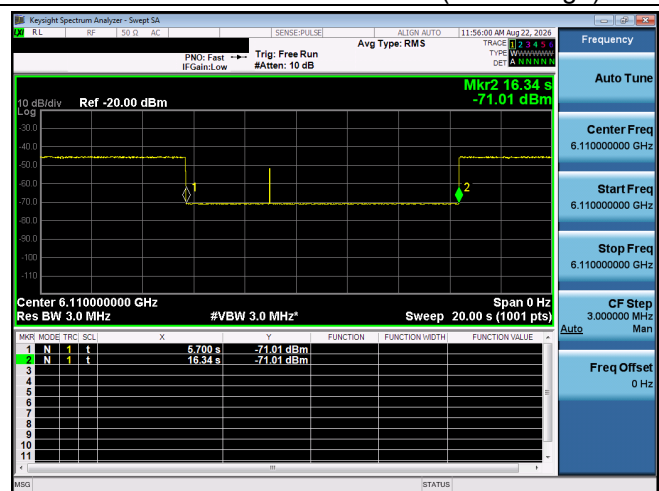
Note: Injected Interference signal at 10 sec.

Plots of Start transmitting

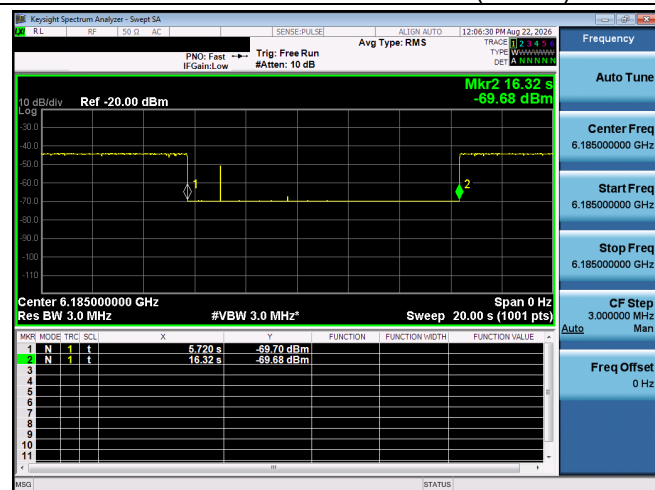
802.11ax-20 MHz / 6115 MHz



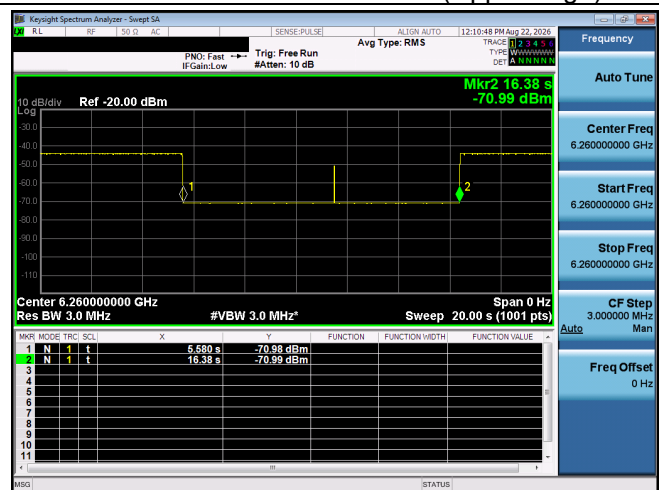
802.11ax-160 MHz / 6110 MHz (Lower Edge)



802.11ax-160 MHz / 6185 MHz (Middle)



802.11ax-160 MHz / 6260 MHz (Upper Edge)



Contention Based Protocol Measurement										
Measurement Mode		Conducted measurement			Device Type			Very Low Power		
The Incumbent Signal (AWGN) Level (dBm)		-62 dBm (at the antenna connector)						Gain (dBi)		-0.25
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	Test Result					
					AWGN Signals Frequency (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 6	802.11ax	20MHz	97	6435	6435	10	10	100%	90%	Pass
		160MHz	111	6505	6430	10	10	100%	90%	Pass
					6505	10	10	100%	90%	Pass
					6580	10	10	100%	90%	Pass

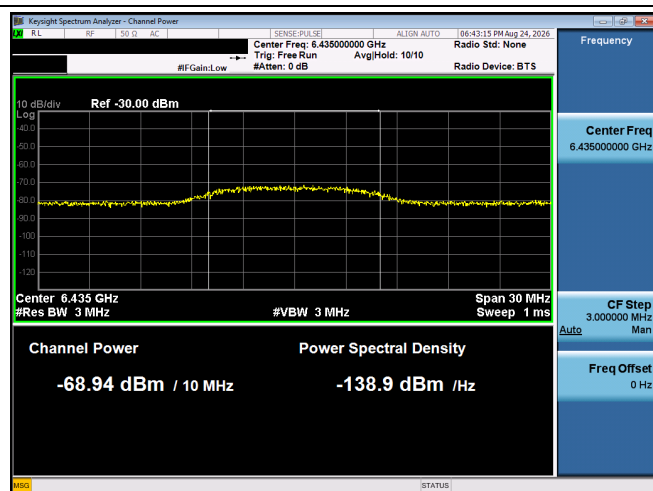
Lowest Interference (AWGN) Level Check							
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	AWGN Signals Frequency (MHz)	Threshold Level (dBm)	EUT Status
U-NII 6	802.11ax	20MHz	97	6435	6435	-73.69	OFF
						-74.25	Minimal
						-77.65	ON
		160MHz	111	6505	6430	-70.38	OFF
						-70.95	Minimal
						-73.75	ON
					6505	-65.71	OFF
						-65.95	Minimal
						-69.65	ON
					6580	-71.30	OFF
						-71.55	Minimal
						-74.05	ON

Note:

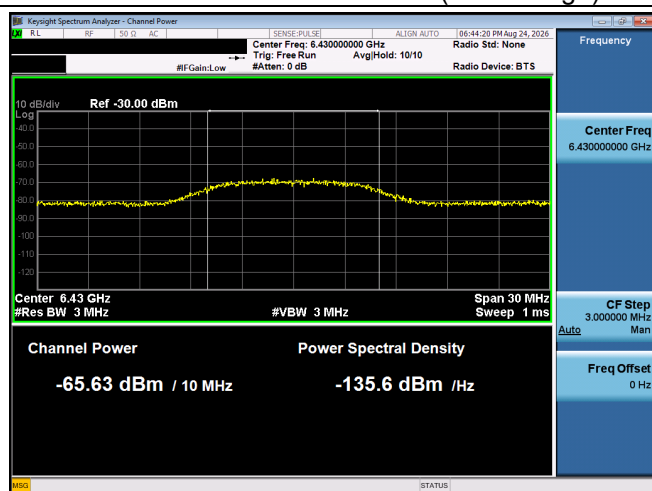
1. Injected (AWGN) POWER at the antenna connector (dBm) = S.G. (dBm) - Cable loss (dB) - Splitter loss (dB) - lowest antenna gain (dB)
2. Only one chain was performed for testing.
3. The AWGN level is reported for the following conditions:
 - OFF = AWGN level at which no transmission is detected, consistently 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.

Plots of shows Incumbent signal level

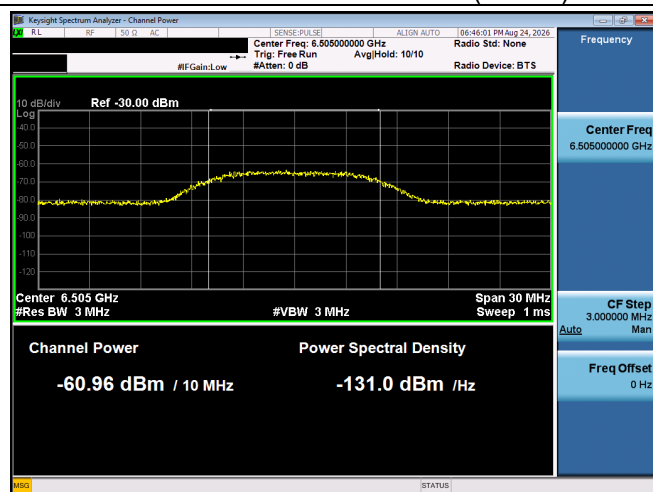
802.11ax-20 MHz / 6435 MHz



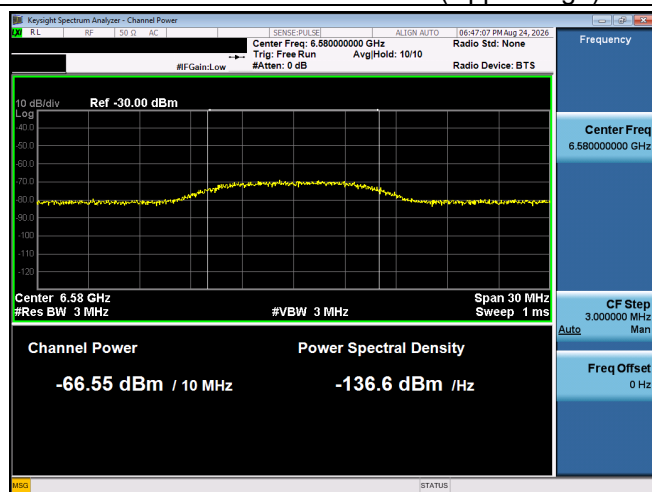
802.11ax-160 MHz / 6430 MHz (Lower Edge)



802.11ax-160 MHz / 6505 MHz (Middle)

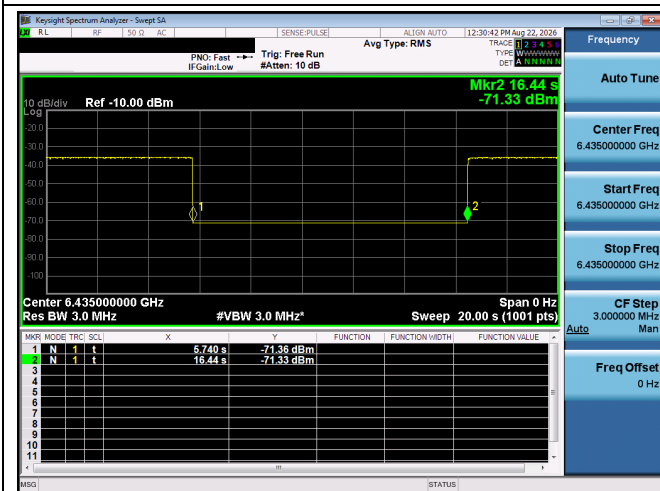


802.11ax-160 MHz / 6580 MHz (Upper Edge)

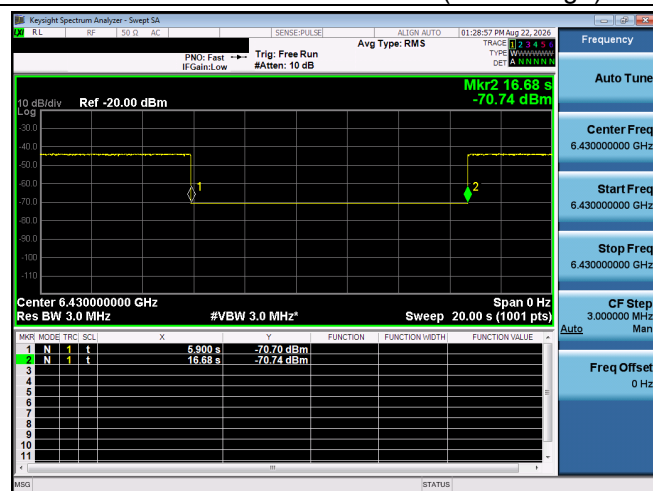


Plots of EUT ceased transmission in the time domain

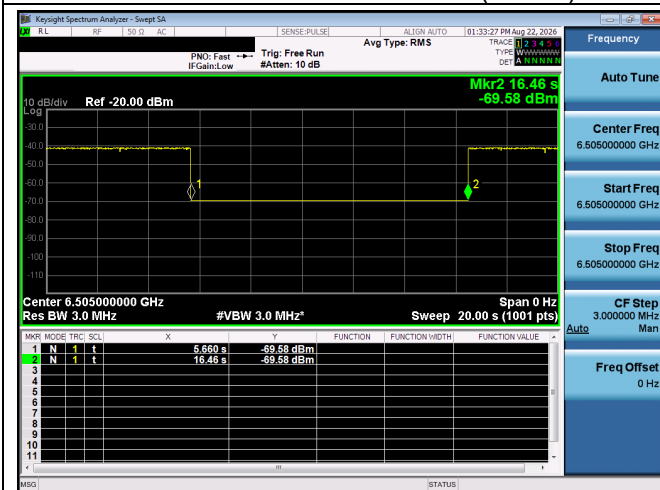
802.11ax-20 MHz / 6435 MHz



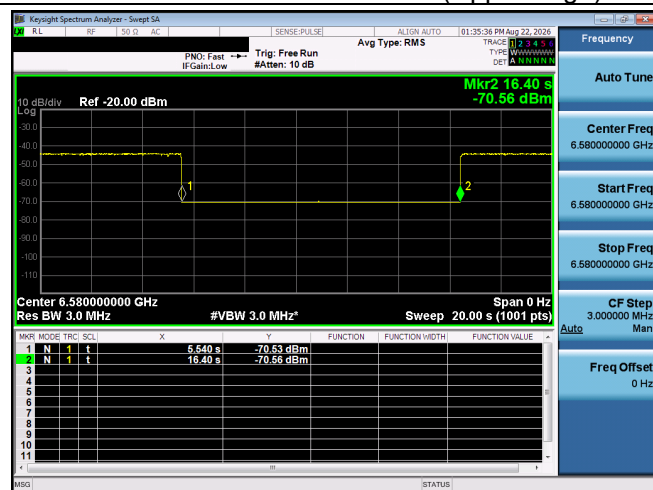
802.11ax-160 MHz / 6430 MHz (Lower Edge)



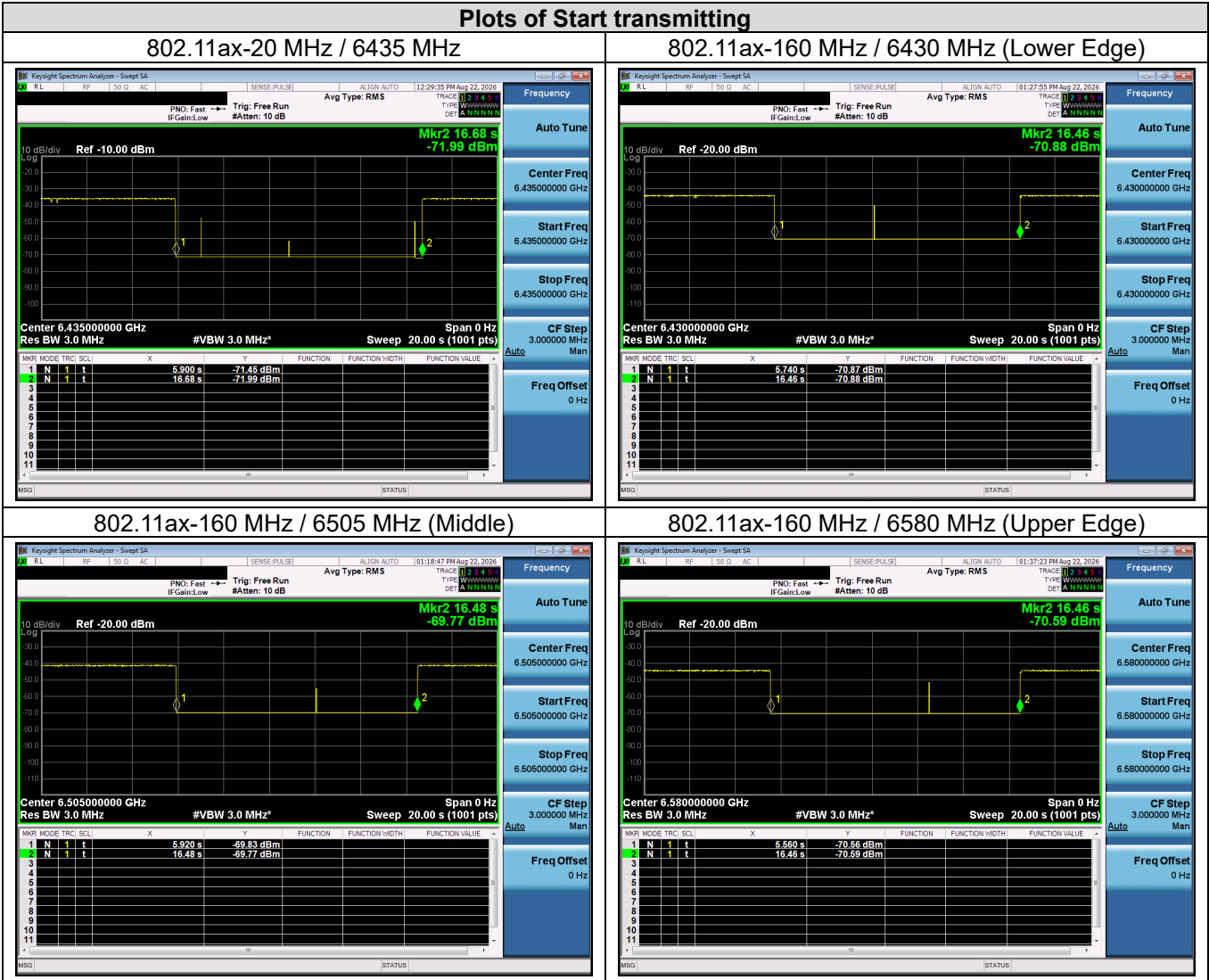
802.11ax-160 MHz / 6505 MHz (Middle)



802.11ax-160 MHz / 6580 MHz (Upper Edge)



Note: Injected Interference signal at 10 sec.



Contention Based Protocol Measurement										
Measurement Mode		Conducted measurement			Device Type			Very Low Power		
The Incumbent Signal (AWGN) Level (dBm)		-62 dBm (at the antenna connector)						Gain (dBi)		-2.71
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	Test Result					
					AWGN Signals Frequency (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 7	802.11ax	20MHz	117	6535	6535	10	10	100%	90%	Pass
		160MHz	143	6665	6590	10	10	100%	90%	Pass
					6665	10	10	100%	90%	Pass
					6740	10	10	100%	90%	Pass

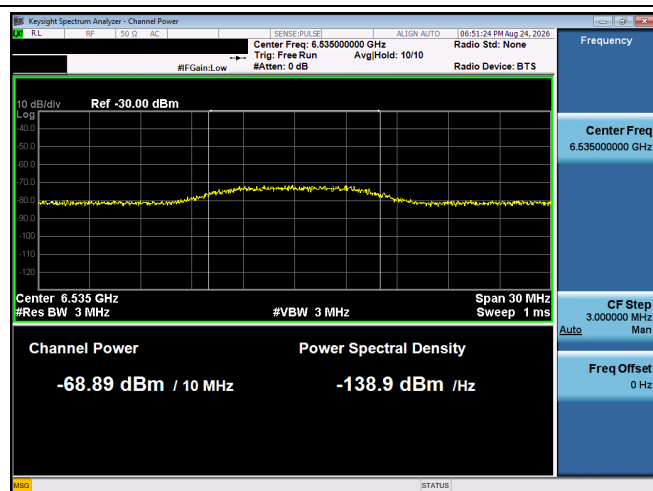
Lowest Interference (AWGN) Level Check							
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	AWGN Signals Frequency (MHz)	Threshold Level (dBm)	EUT Status
U-NII 7	802.11ax	20MHz	117	6535	6535	-71.18	OFF
						-71.39	Minimal
						-77.29	ON
		160MHz	143	6665	6590	-66.62	OFF
						-66.89	Minimal
						-69.69	ON
					6665	-62.47	OFF
						-62.69	Minimal
						-65.59	ON
					6740	-68.37	OFF
						-69.29	Minimal
						-72.79	ON

Note:

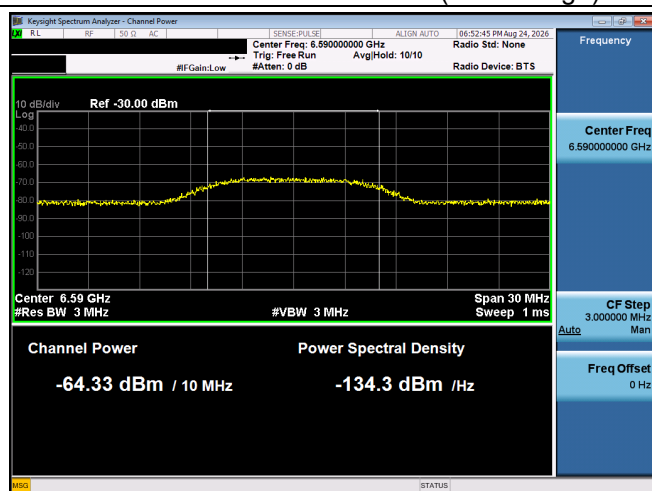
1. Injected (AWGN) POWER at the antenna connector (dBm) = S.G. (dBm) - Cable loss (dB) - Splitter loss (dB) - lowest antenna gain (dB)
2. Only one chain was performed for testing.
3. The AWGN level is reported for the following conditions:
 - OFF = AWGN level at which no transmission is detected, consistently 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.

Plots of shows Incumbent signal level

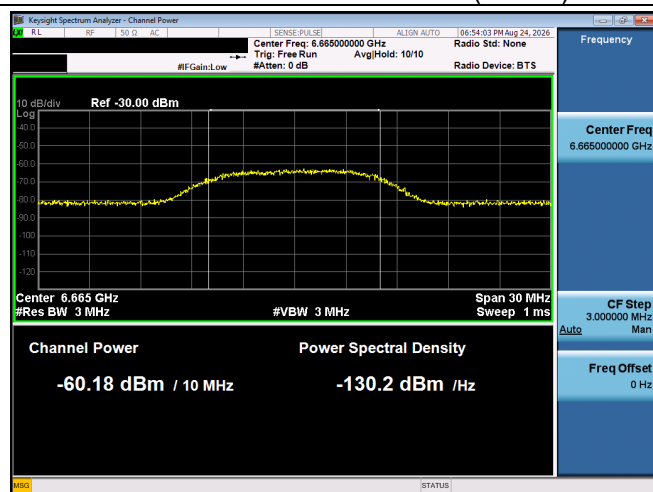
802.11ax-20 MHz / 6535 MHz



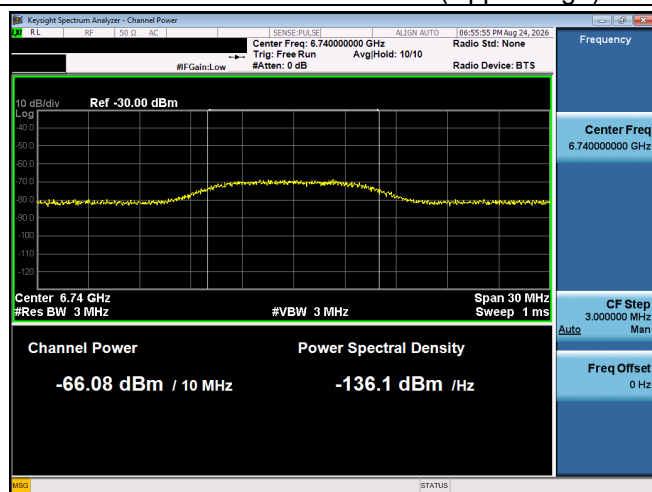
802.11ax-160 MHz / 6590 MHz (Lower Edge)



802.11ax-160 MHz / 6665 MHz (Middle)

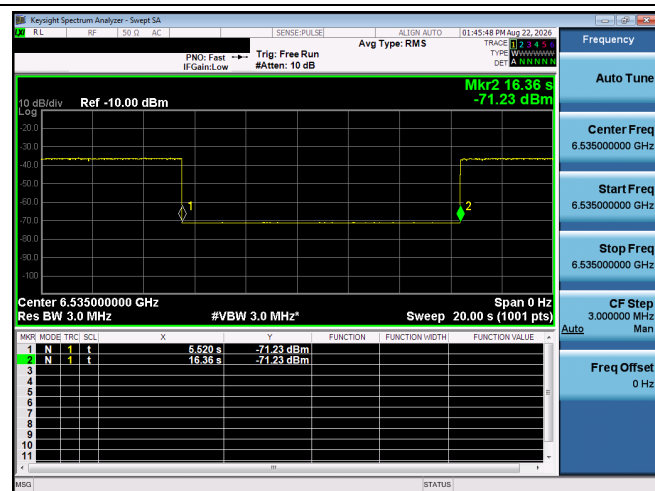


802.11ax-160 MHz / 6740 MHz (Upper Edge)

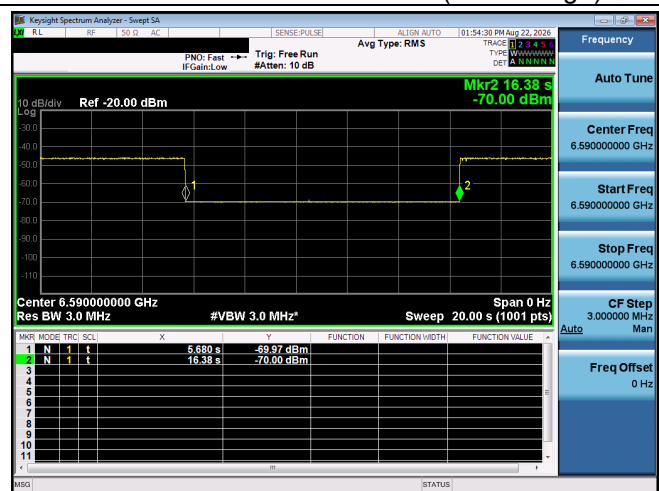


Plots of EUT ceased transmission in the time domain

802.11ax-20 MHz / 6535 MHz



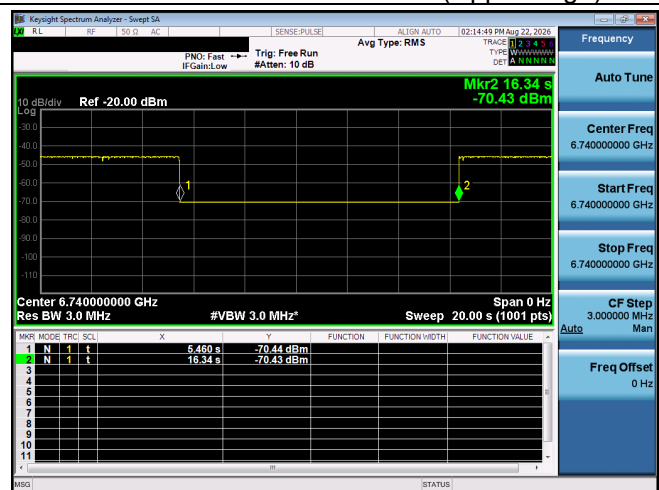
802.11ax-160 MHz / 6590 MHz (Lower Edge)



802.11ax-160 MHz / 6665 MHz (Middle)



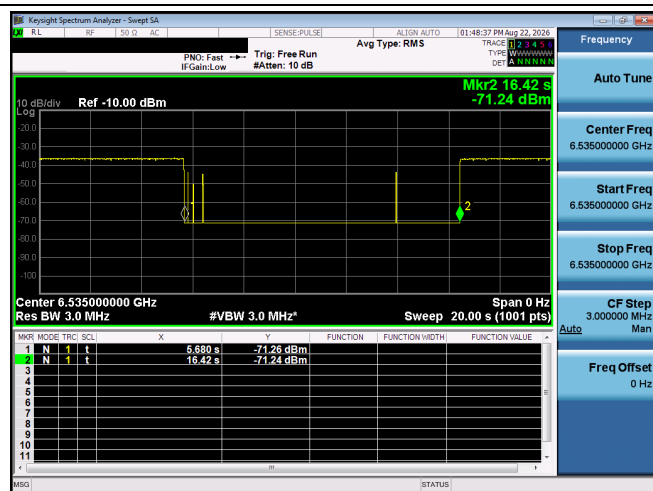
802.11ax-160 MHz / 6740 MHz (Upper Edge)



Note: Injected Interference signal at 10 sec.

Plots of Start transmitting

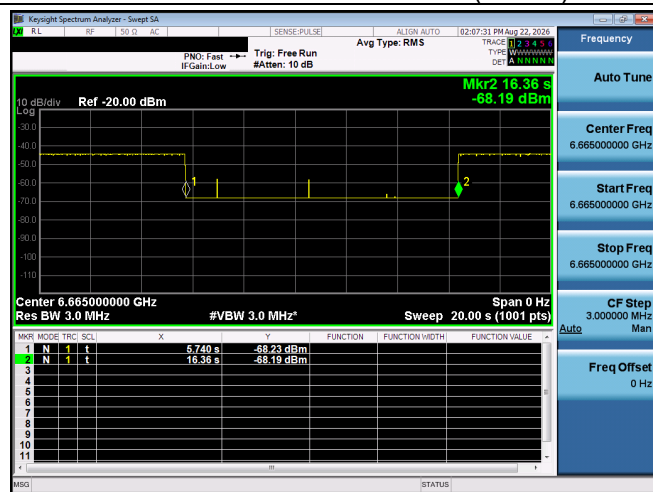
802.11ax-20 MHz / 6535 MHz



802.11ax-160 MHz / 6590 MHz (Lower Edge)



802.11ax-160 MHz / 6665 MHz (Middle)



802.11ax-160 MHz / 6740 MHz (Upper Edge)



Contention Based Protocol Measurement										
Measurement Mode		Conducted measurement			Device Type			Very Low Power		
The Incumbent Signal (AWGN) Level (dBm)		-62 dBm (at the antenna connector)						Gain (dBi)		-6.18
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	Test Result					
					AWGN Signals Frequency (MHz)	Number of Times	Number of Detected	Detection Rate	Limit	Pass/Fail
U-NII 8	802.11ax	20MHz	189	6895	6895	10	10	100%	90%	Pass
		160MHz	207	6985	6910	10	10	100%	90%	Pass
					6985	10	10	100%	90%	Pass
					7060	10	10	100%	90%	Pass

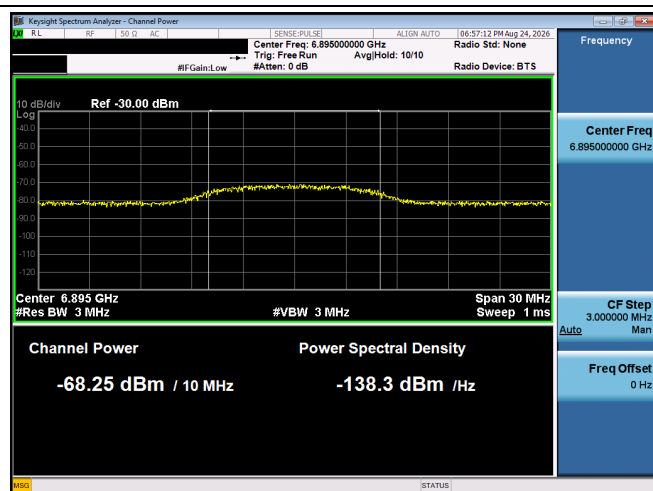
Lowest Interference (AWGN) Level Check							
Operation Band	Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Frequency (MHz)	AWGN Signals Frequency (MHz)	Threshold Level (dBm)	EUT Status
U-NII 8	802.11ax	20MHz	189	6895	6895	-67.07	OFF
						-67.52	Minimal
						-71.72	ON
		160MHz	207	6985	6910	-63.56	OFF
						-64.12	Minimal
						-67.12	ON
					6985	-62.25	OFF
						-62.62	Minimal
						-64.02	ON
					7060	-64.03	OFF
						-64.82	Minimal
						-67.72	ON

Note:

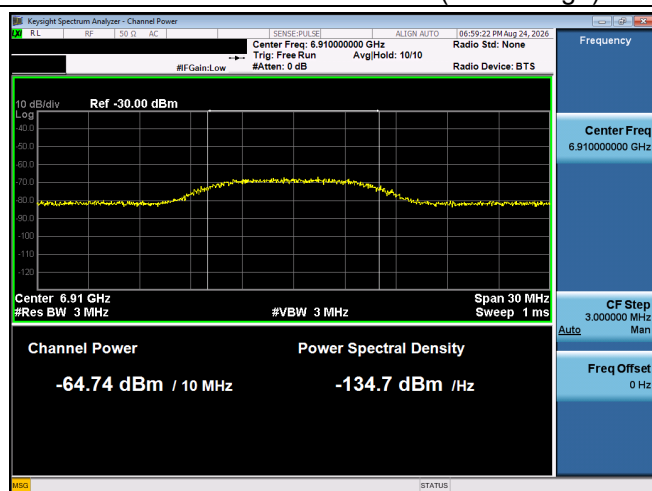
4. Injected (AWGN) POWER at the antenna connector (dBm) = S.G. (dBm) - Cable loss (dB) - Splitter loss (dB) - lowest antenna gain (dB)
5. Only one chain was performed for testing.
6. The AWGN level is reported for the following conditions:
 - OFF = AWGN level at which no transmission is detected, consistently 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.

Plots of shows Incumbent signal level

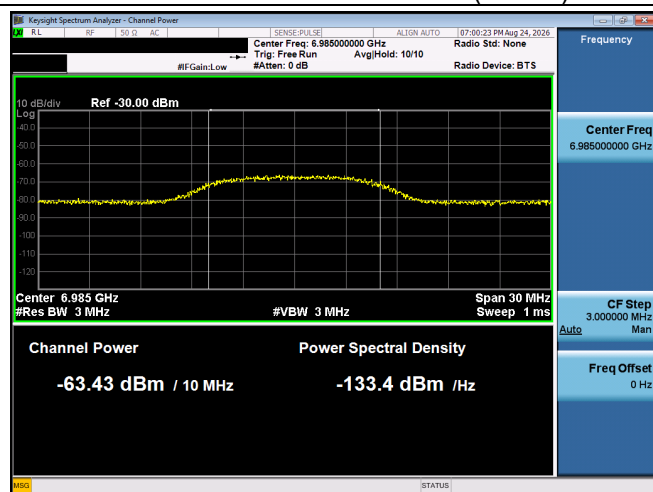
802.11ax-20 MHz / 6895 MHz



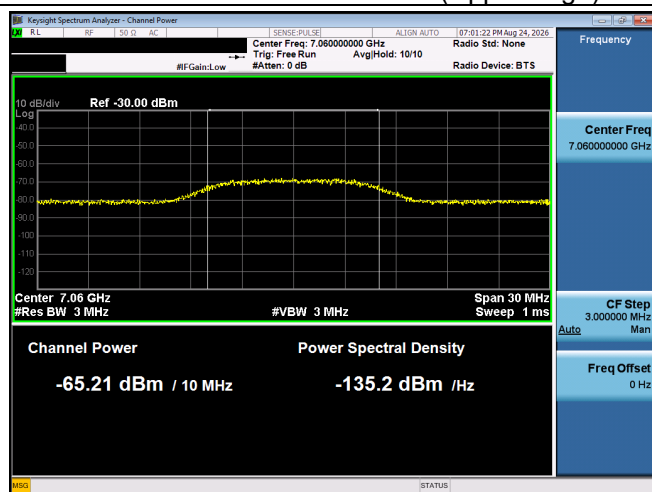
802.11ax-160 MHz / 6910 MHz (Lower Edge)

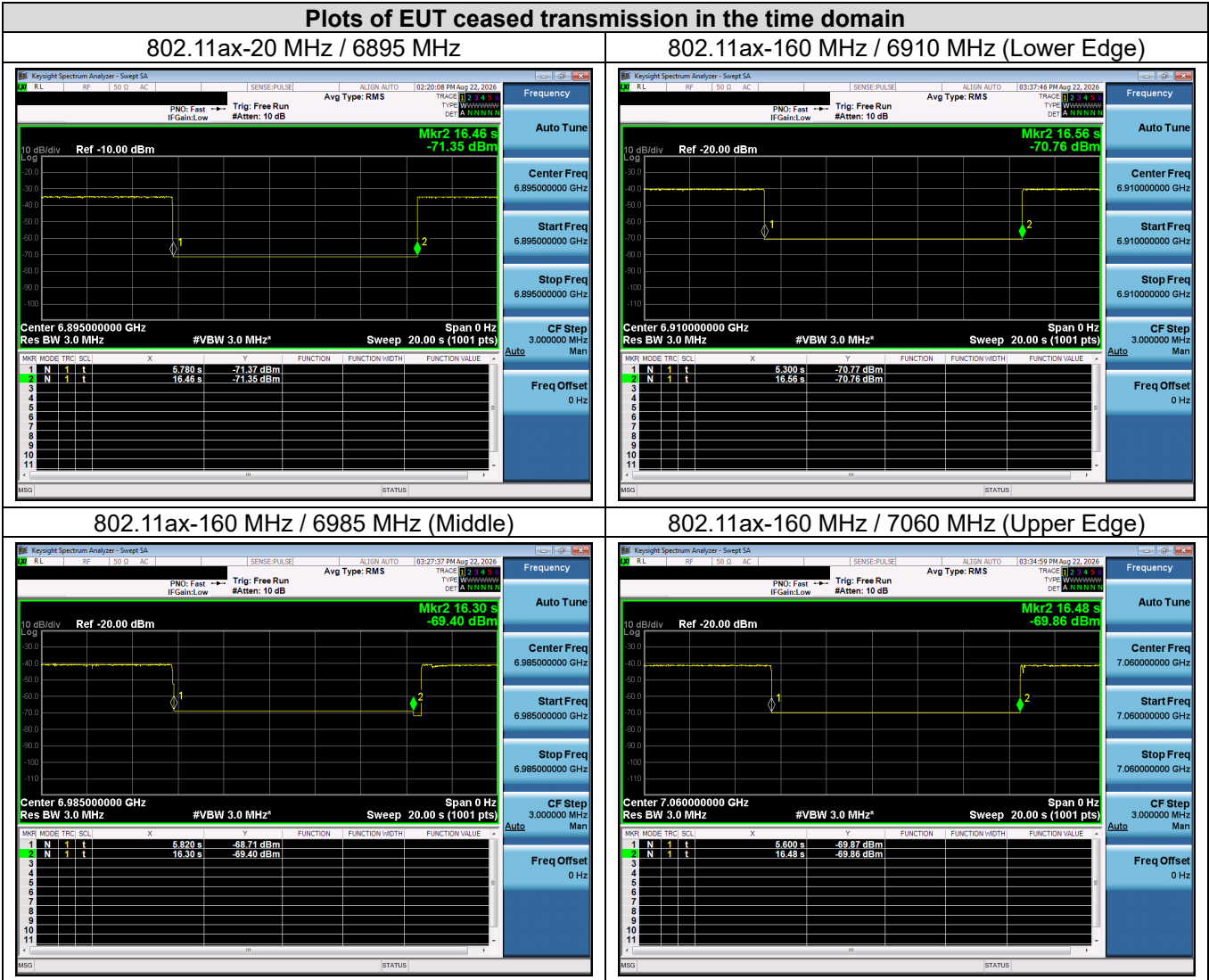


802.11ax-160 MHz / 6985 MHz (Middle)



802.11ax-160 MHz / 7060 MHz (Upper Edge)

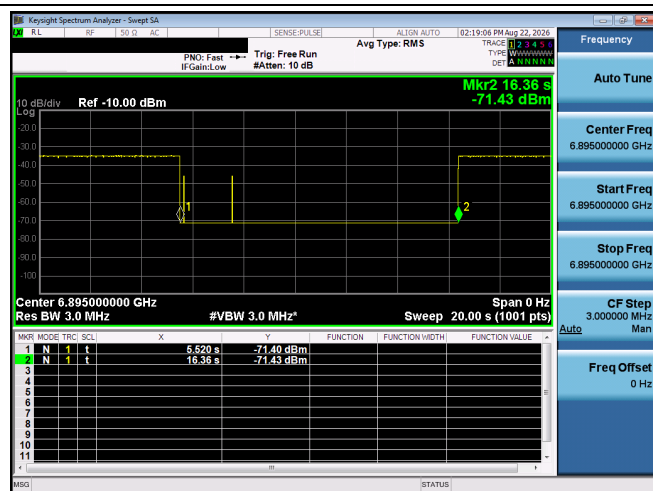




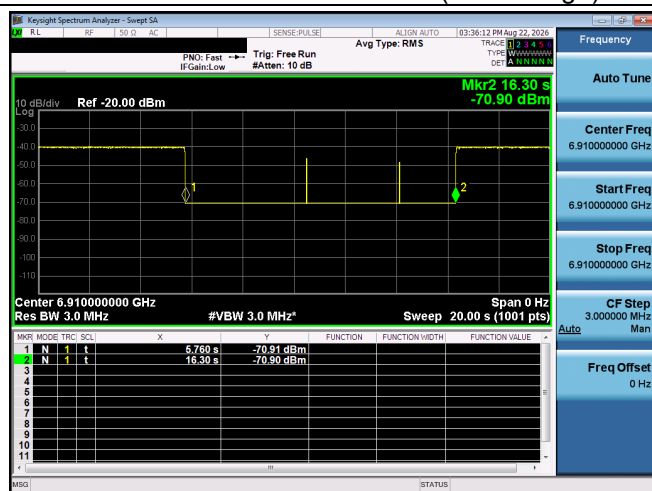
Note: Injected Interference signal at 10 sec.

Plots of Start transmitting

802.11ax-20 MHz / 6895 MHz



802.11ax-160 MHz / 6910 MHz (Lower Edge)



802.11ax-160 MHz / 6985 MHz (Middle)



802.11ax-160 MHz / 7060 MHz (Upper Edge)

