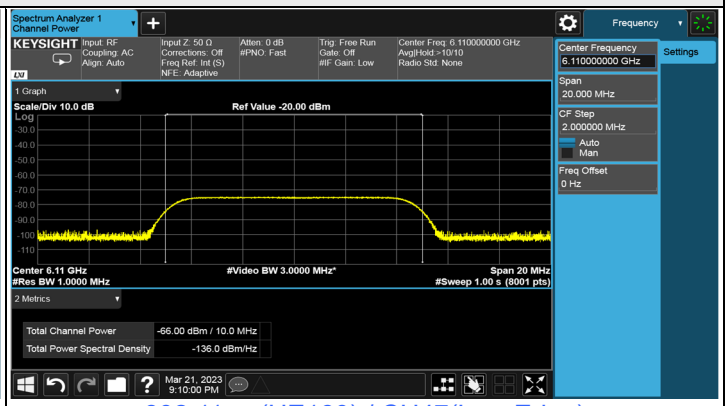
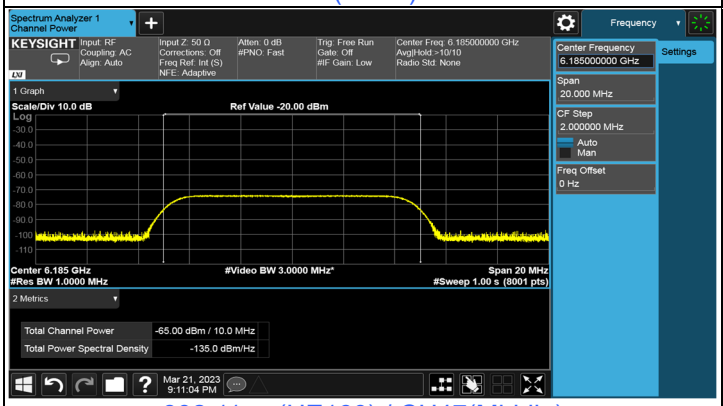
Plots of Injected signal (AWGN) level

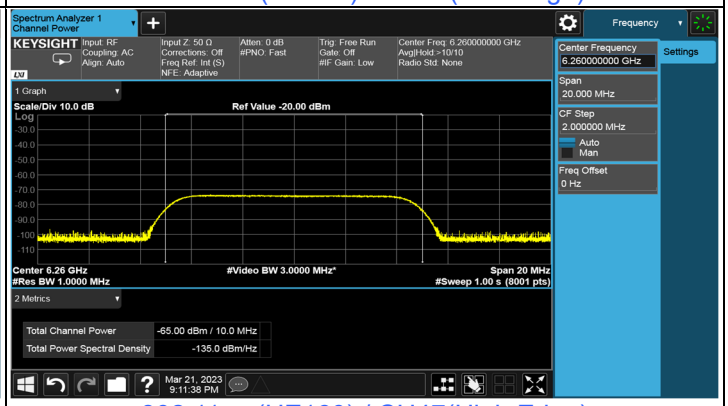
802.11ax (HE20) / CH45



802.11ax (HE160) / CH47(Low Edge)



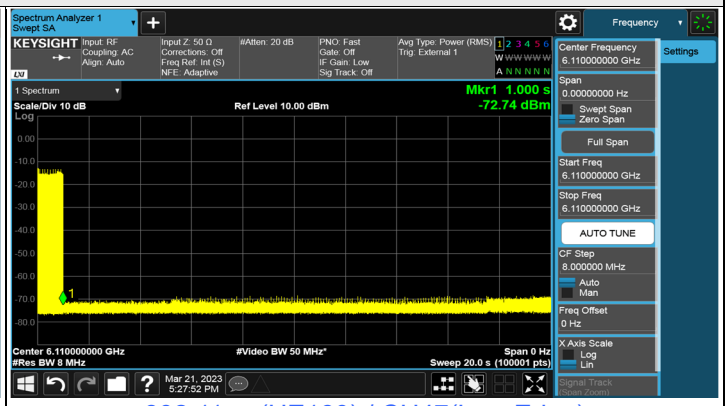
802.11ax (HE160) / CH47(Middle)



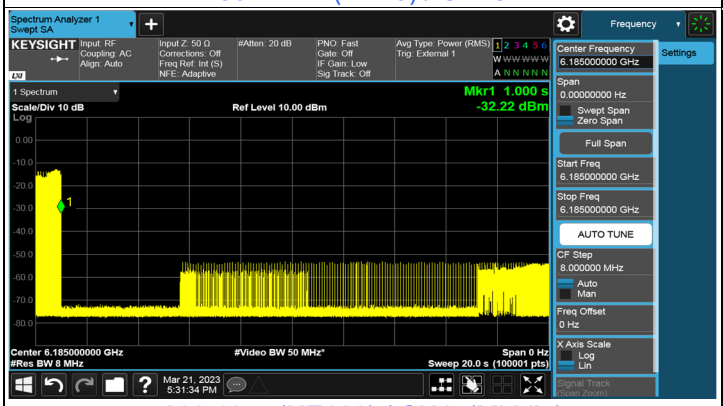
802.11ax (HE160) / CH47(High Edge)

Plots of EUT ceased transmission in the time domain

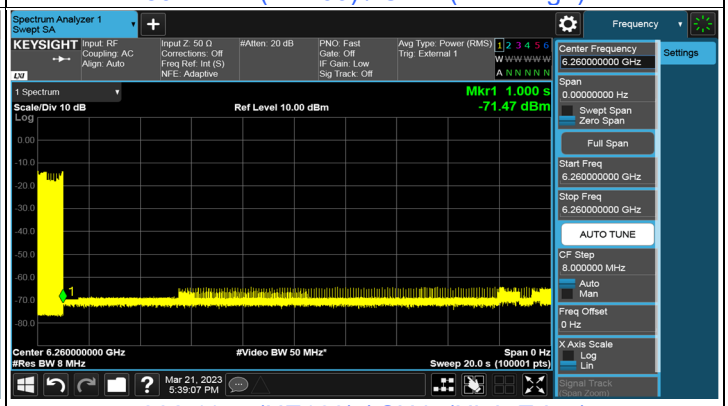
802.11ax (HE20) / CH45



802.11ax (HE160) / CH47(Low Edge)



802.11ax (HE160) / CH47(Middle)



802.11ax (HE160) / CH47(High Edge)

For U-NII-6

Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	105	6475	6475	-66	3.6	0	-69.6	-62	OFF
					-68	3.6	0	-71.6	-62	Minimal
					-78.4	3.6	0	-82	-62	ON
	160	111	6505	6430	-66	3.6	0	-69.6	-62	OFF
					-68	3.6	0	-71.6	-62	Minimal
					-78.4	3.6	0	-82	-62	ON
				6505	-66	3.6	0	-69.6	-62	OFF
					-69	3.6	0	-72.6	-62	Minimal
					-78.4	3.6	0	-82	-62	ON
				6580	-66	3.6	0	-69.6	-62	OFF
					-69	3.6	0	-72.6	-62	Minimal
					-78.4	3.6	0	-82	-62	ON

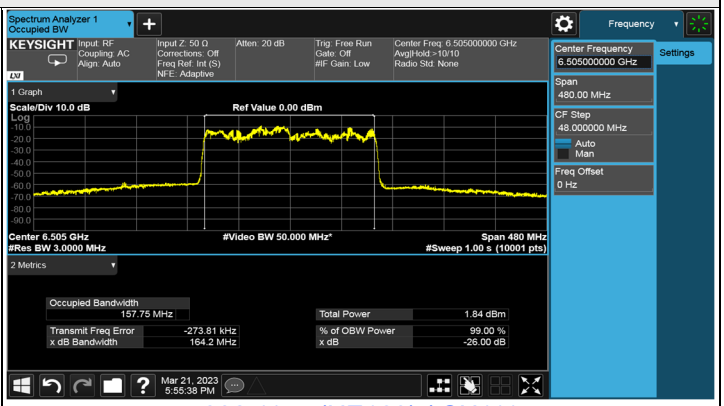
Notes:

1. After investigation (consider antenna gain and path loss) , the one representative port (Ant. 5.6G_A3-2) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability														
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6475	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6430	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6505	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6580	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

802.11ax (HE20) / CH105

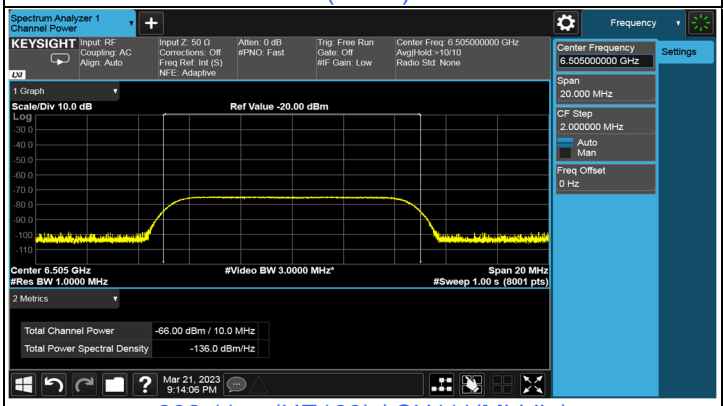


802.11ax (HE160) / CH111

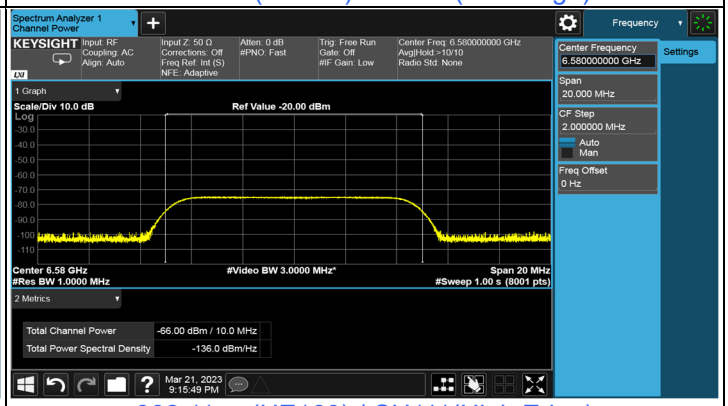
Plots of Injected signal (AWGN) level

802.11ax (HE20) / CH105

802.11ax (HE160) / CH111(Low Edge)



802.11ax (HE160) / CH111(Middle)

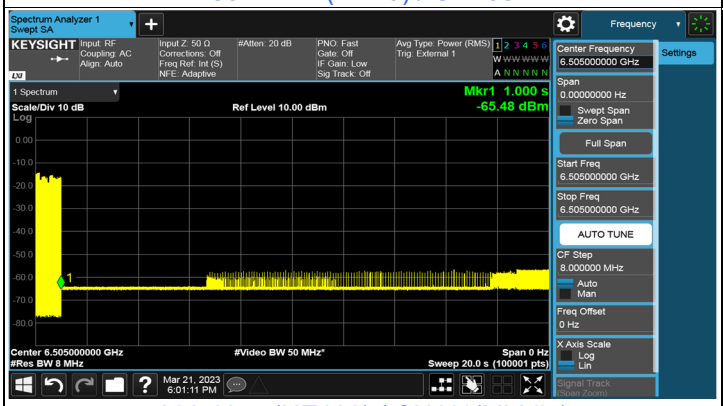


802.11ax (HE160) / CH111(High Edge)

Plots of EUT ceased transmission in the time domain

802.11ax (HE20) / CH105

802.11ax (HE160) / CH111(Low Edge)



802.11ax (HE160) / CH111(Middle)

802.11ax (HE160) / CH111(High Edge)

For U-NII-7

Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	149	6695	6695	-66	3	0	-69	-62	OFF
					-68	3	0	-71	-62	Minimal
					-79	3	0	-82	-62	ON
	160	143	6665	6590	-66	3	0	-69	-62	OFF
					-68	3	0	-71	-62	Minimal
					-79	3	0	-82	-62	ON
				6665	-65	3	0	-68	-62	OFF
					-69	3	0	-72	-62	Minimal
					-79	3	0	-82	-62	ON
				6740	-64	3	0	-67	-62	OFF
					-68	3	0	-71	-62	Minimal
					-79	3	0	-82	-62	ON

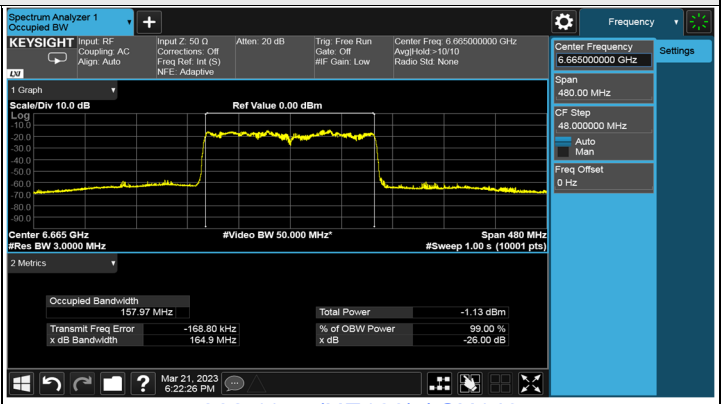
Notes:

1. After investigation (consider antenna gain and path loss) , the one representative port (Ant. 5.6G_A3-2) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
2. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability														
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6695	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6590	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6665	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6740	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

802.11ax (HE20) / CH149

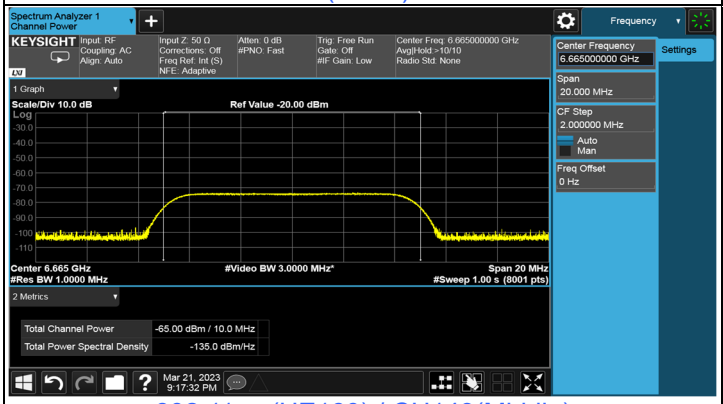


802.11ax (HE160) / CH143

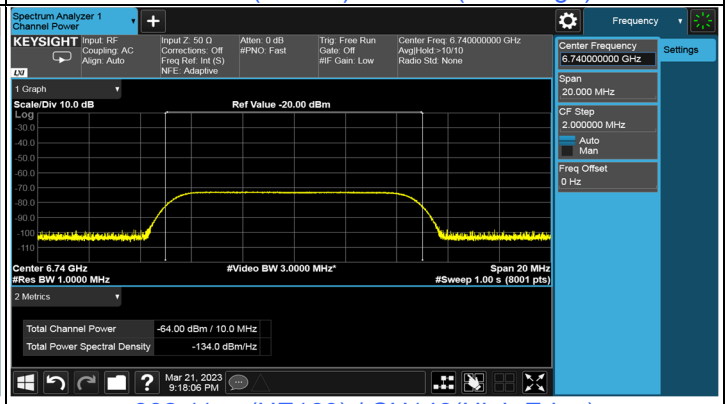
Plots of Injected signal (AWGN) level

802.11ax (HE20) / CH149

802.11ax (HE160) / CH143(Low Edge)

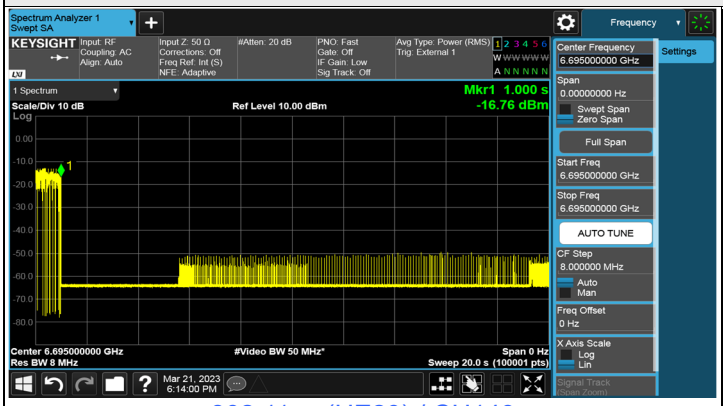


802.11ax (HE160) / CH143(Middle)



802.11ax (HE160) / CH143(High Edge)

Plots of EUT ceased transmission in the time domain



802.11ax (HE20) / CH149

802.11ax (HE160) / CH143(Low Edge)

802.11ax (HE160) / CH143(Middle)

802.11ax (HE160) / CH143(High Edge)

For U-NII-8

Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 2)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	209	6995	6995	-66	2.7	0	-68.7	-62	OFF
					-68	2.7	0	-70.7	-62	Minimal
					-79.3	2.7	0	-82	-62	ON
	160	207	6985	6910	-66	2.7	0	-68.7	-62	OFF
					-68	2.7	0	-70.7	-62	Minimal
					-79.3	2.7	0	-82	-62	ON
				6985	-65	2.7	0	-67.7	-62	OFF
					-69	2.7	0	-71.7	-62	Minimal
					-79.3	2.7	0	-82	-62	ON
				7060	-64	2.7	0	-66.7	-62	OFF
					-68	2.7	0	-70.7	-62	Minimal
					-79.3	2.7	0	-82	-62	ON

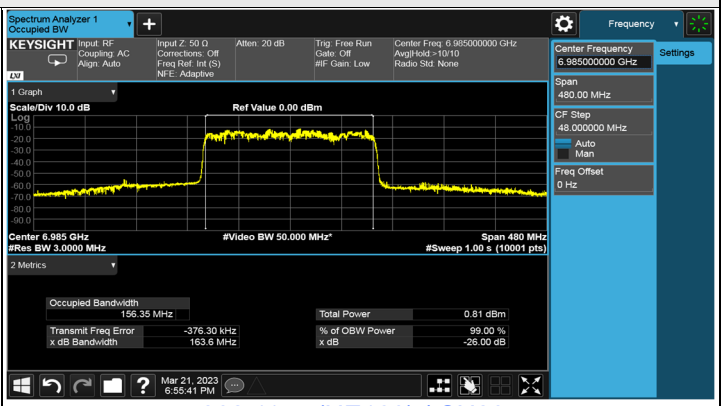
Notes:

1. After investigation (consider antenna gain and path loss) , the one representative port (Ant. 5.6G_A3-2) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
2. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability														
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6995	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6910	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6985	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		7060	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

Plots of EUT Tx waveform

802.11ax (HE20) / CH209



802.11ax (HE160) / CH207