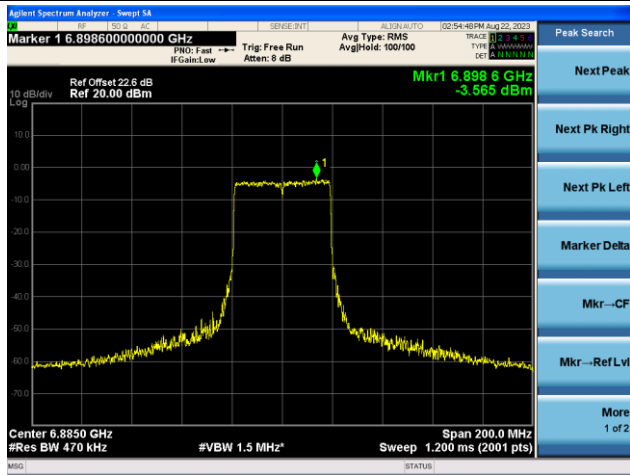


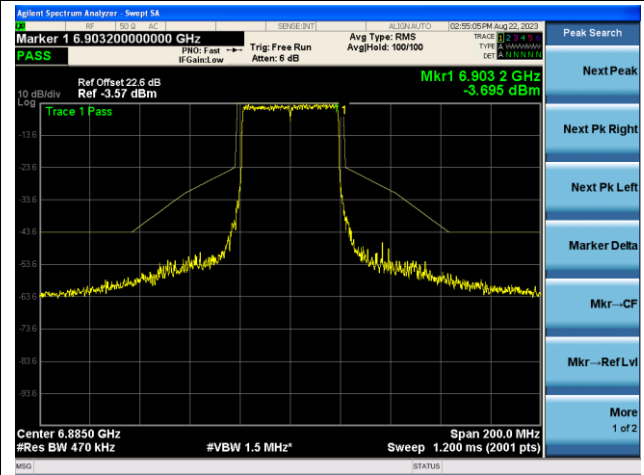
802.11ax-HE40 - Ant 2 (Nss = 2)

Channel 187 (6885MHz)

The Reference Level

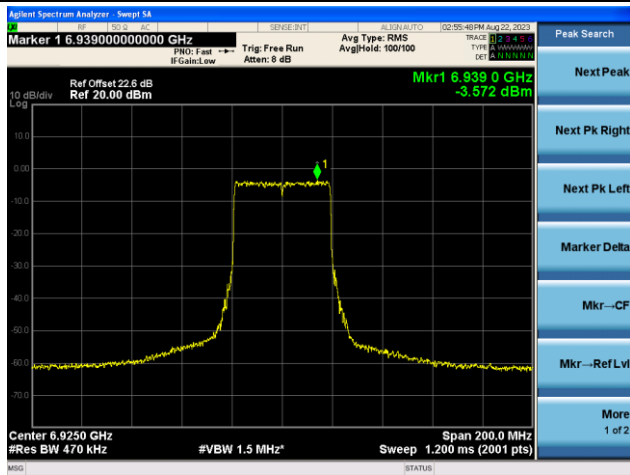


The Mask Data

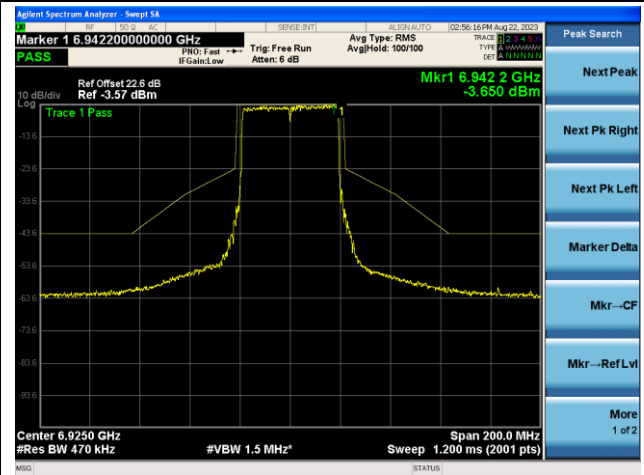


Channel 195 (6925MHz)

The Reference Level

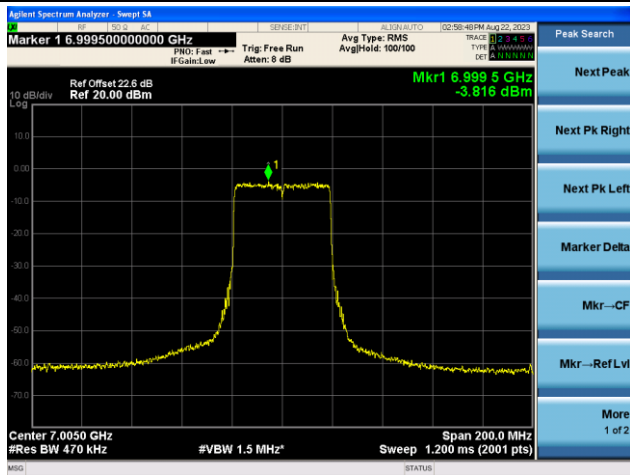


The Mask Data

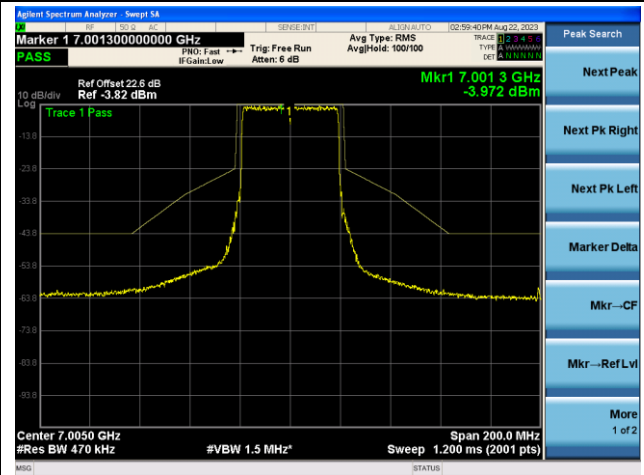


Channel 211 (7005MHz)

The Reference Level



The Mask Data

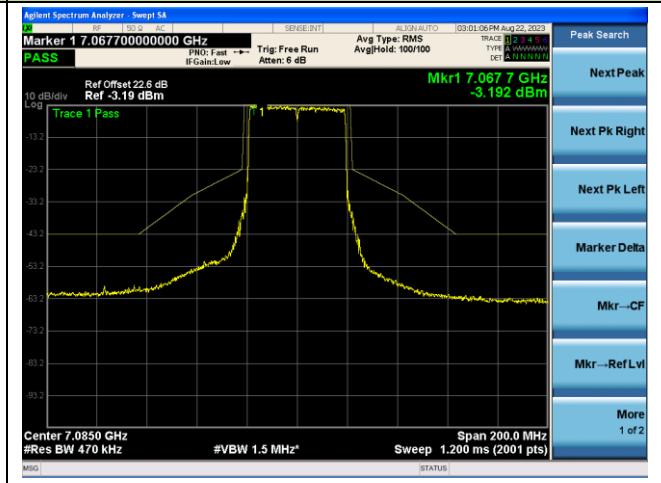
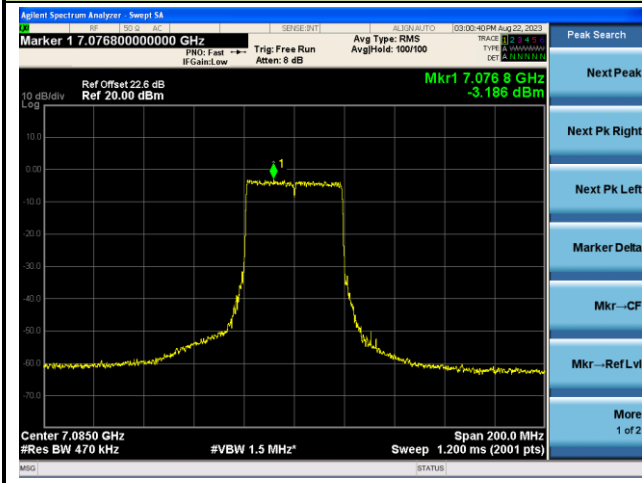


802.11ax-HE40 - Ant 2 (Nss = 2)

Channel 227 (7085MHz)

The Reference Level

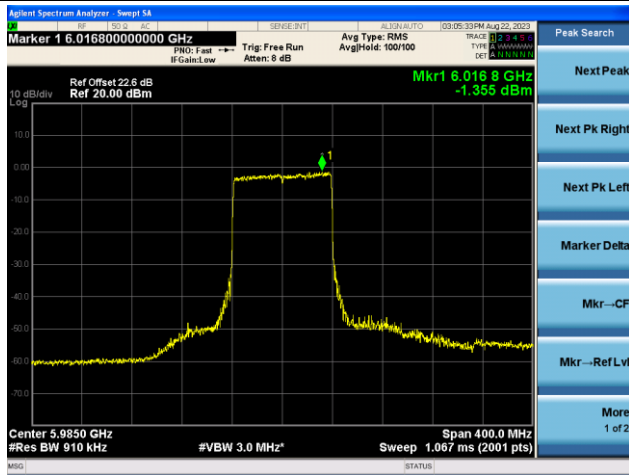
The Mask Data



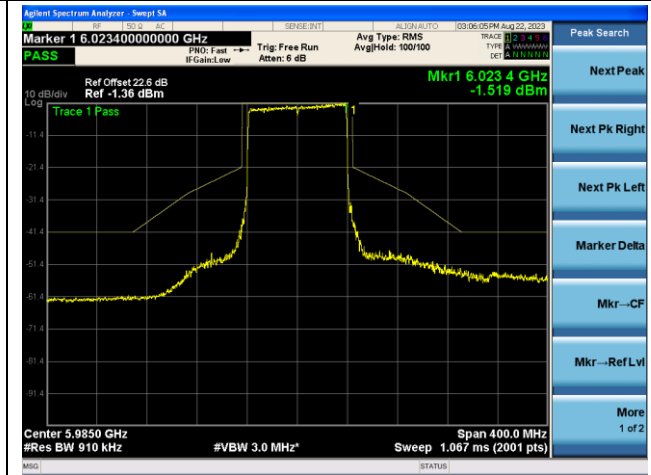
802.11ax-HE80 - Ant 2 (Nss = 2)

Channel 7 (5985MHz)

The Reference Level

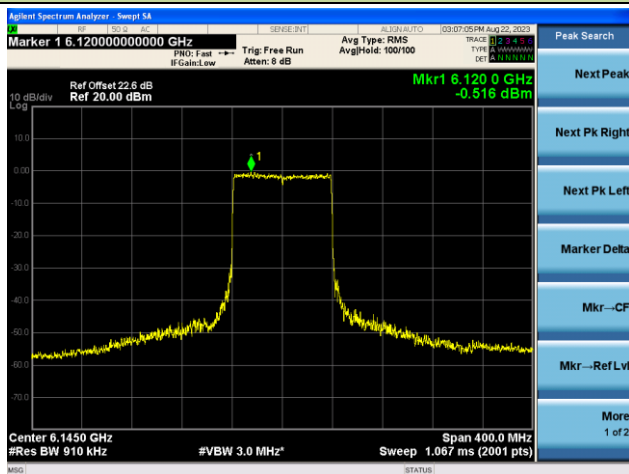


The Mask Data

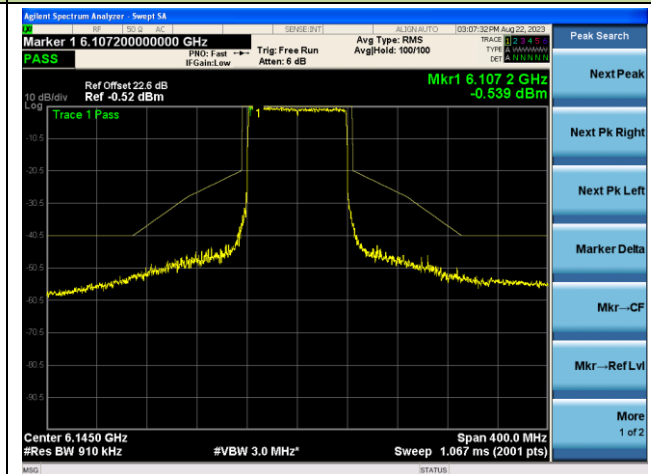


Channel 39 (6145MHz)

The Reference Level

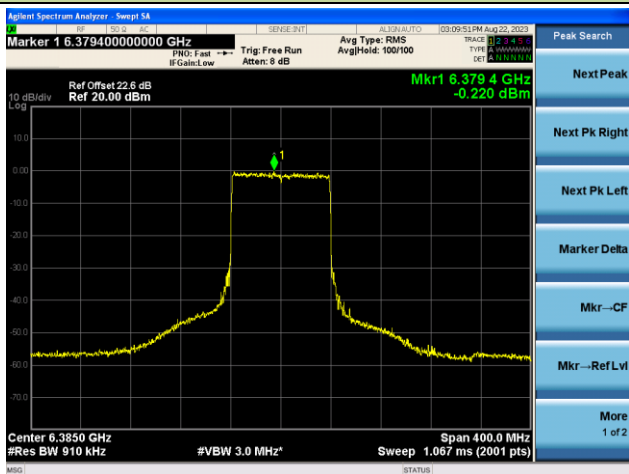


The Mask Data

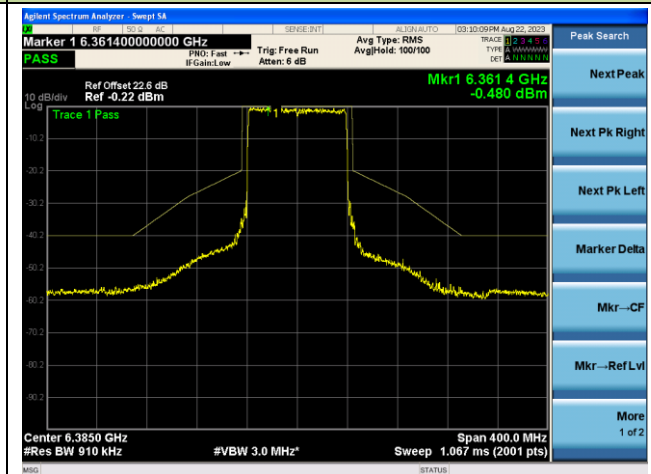


Channel 87 (6385MHz)

The Reference Level



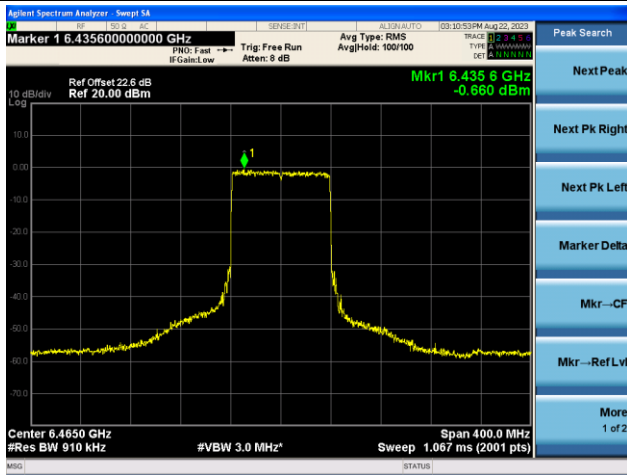
The Mask Data



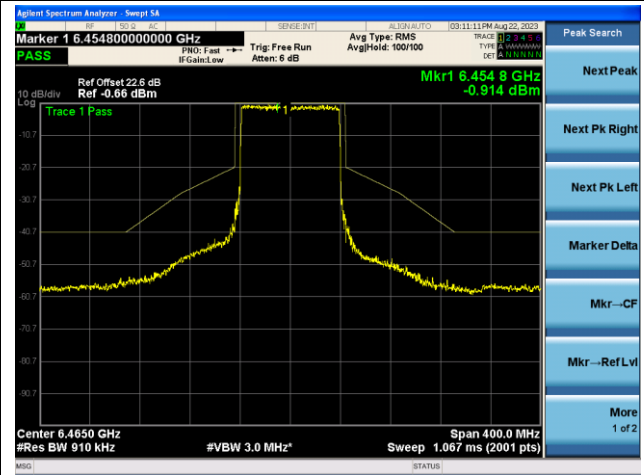
802.11ax-HE40 - Ant 2 (Nss = 2)

Channel 103 (6465MHz)

The Reference Level

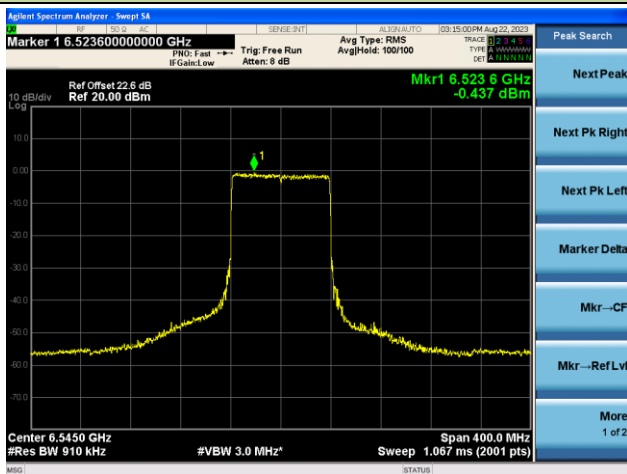


The Mask Data

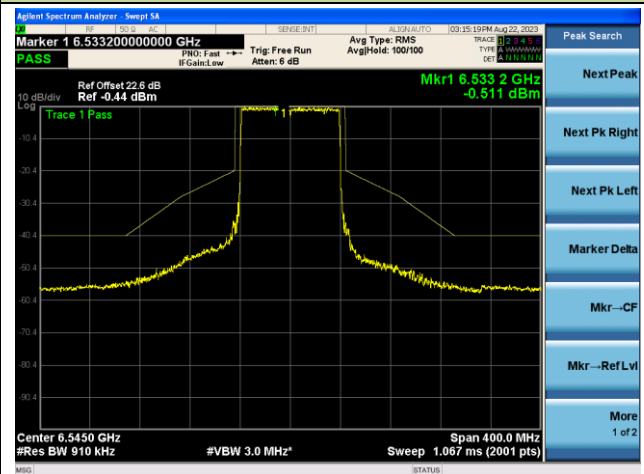


Channel 119 (6545MHz)

The Reference Level

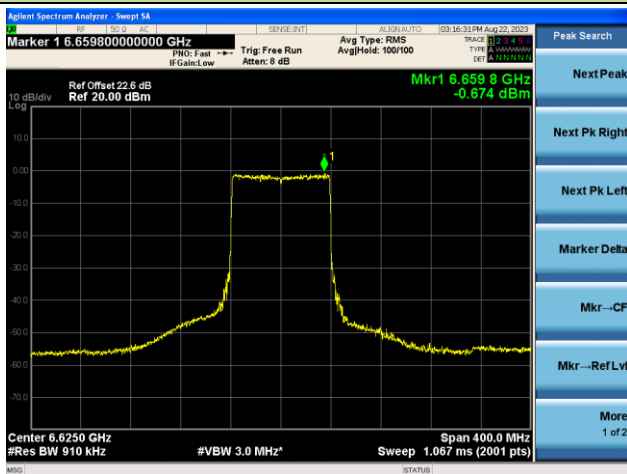


The Mask Data

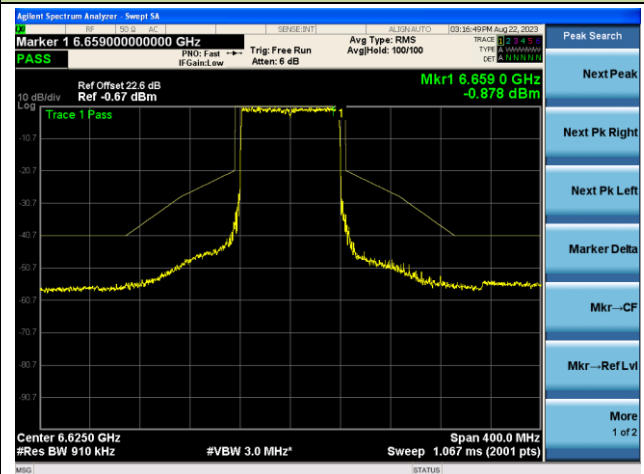


Channel 135 (6625MHz)

The Reference Level



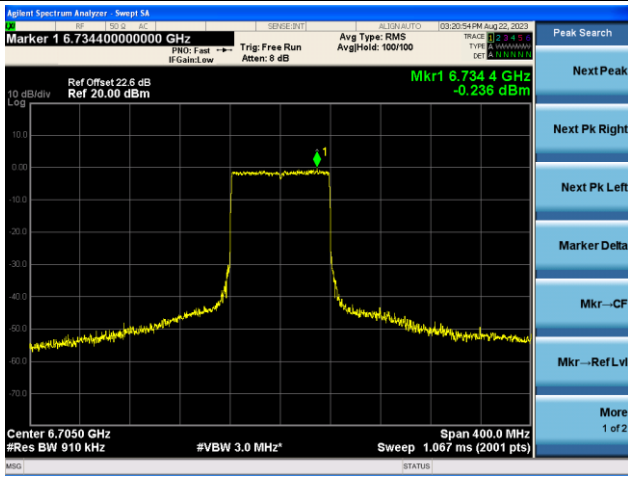
The Mask Data



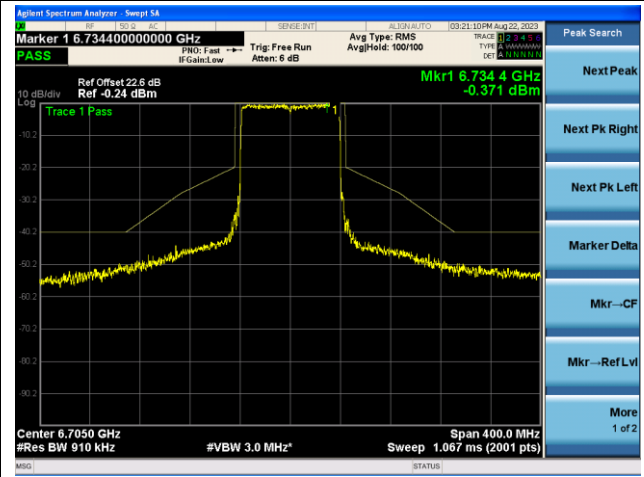
802.11ax-HE40 - Ant 2 (Nss = 2)

Channel 151 (6705MHz)

The Reference Level

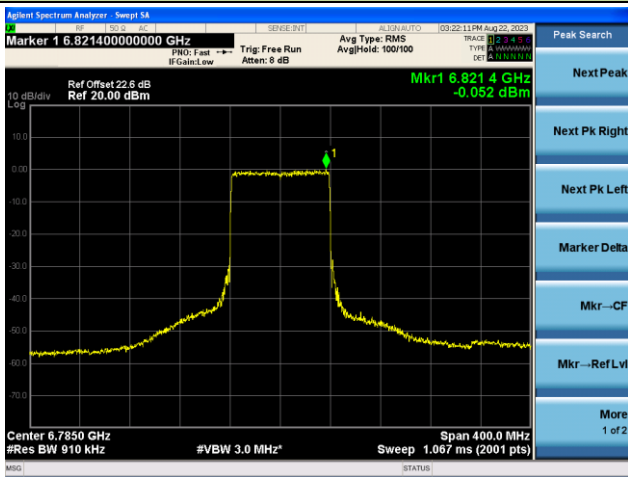


The Mask Data

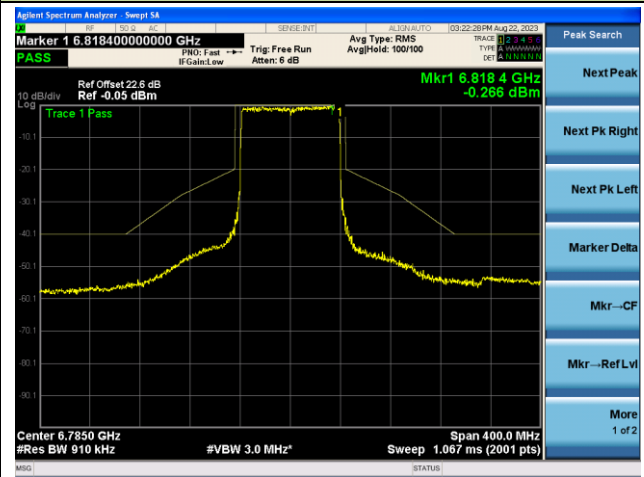


Channel 167 (6785MHz)

The Reference Level

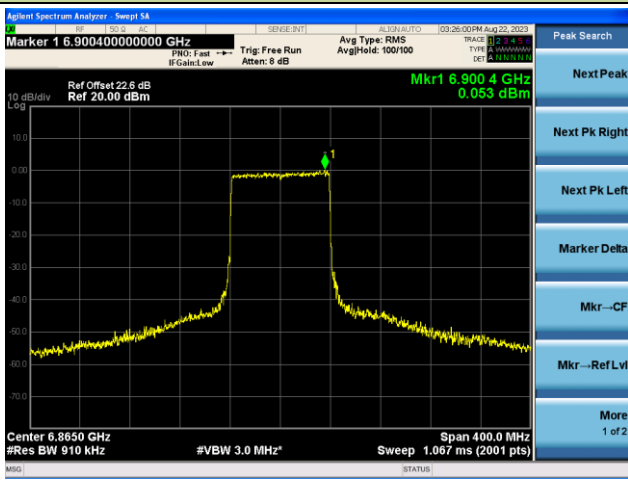


The Mask Data

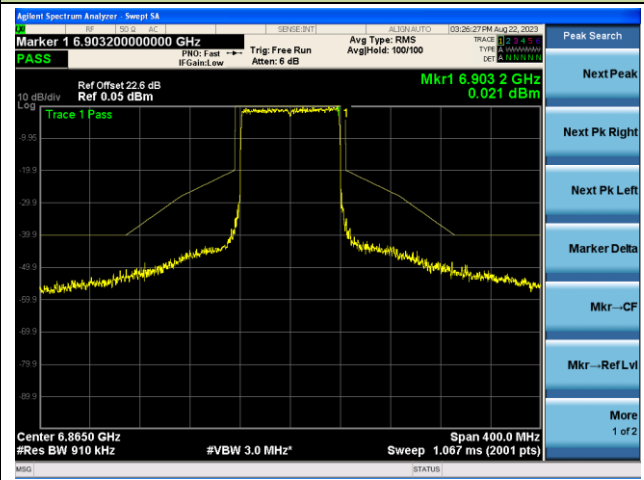


Channel 183 (6865MHz)

The Reference Level



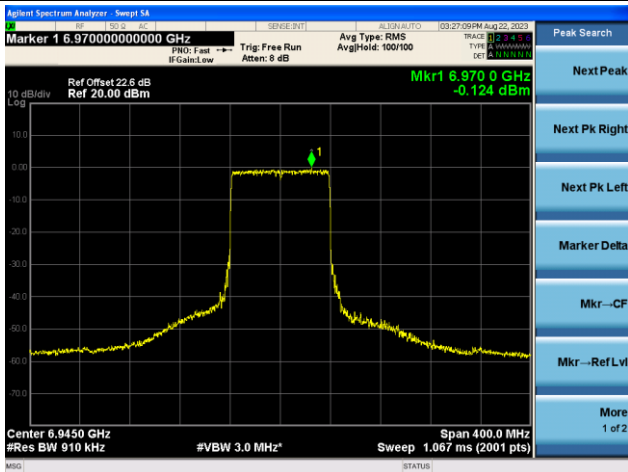
The Mask Data



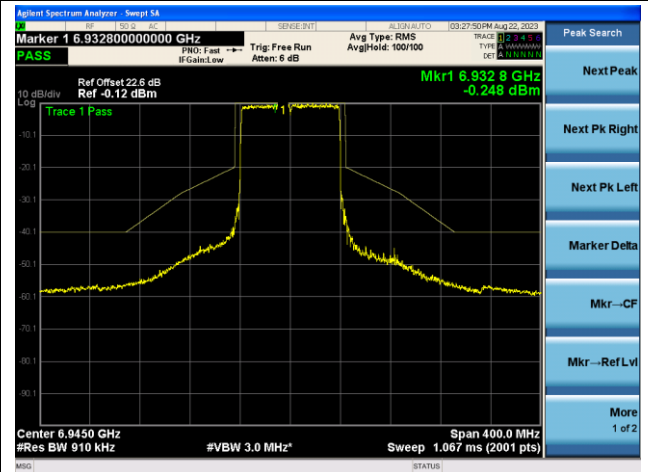
802.11ax-HE40 - Ant 2 (Nss = 2)

Channel 199 (6945MHz)

The Reference Level

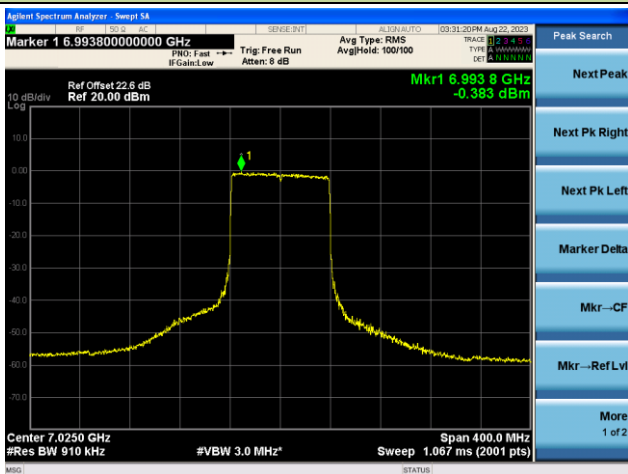


The Mask Data

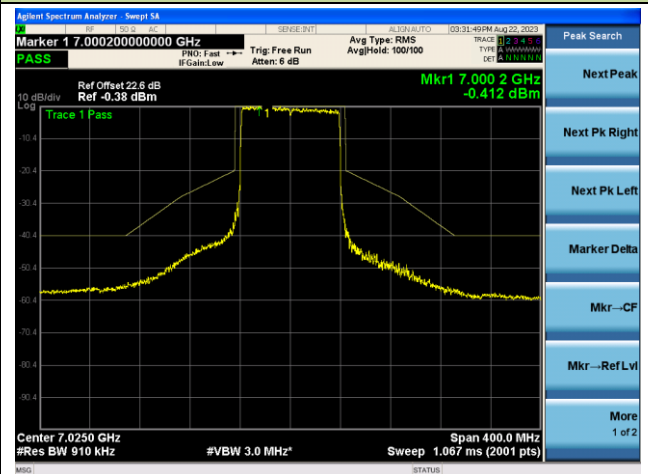


Channel 215 (7025MHz)

The Reference Level



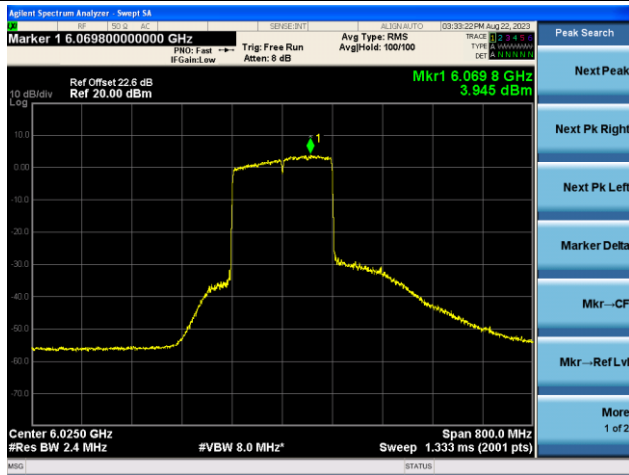
The Mask Data



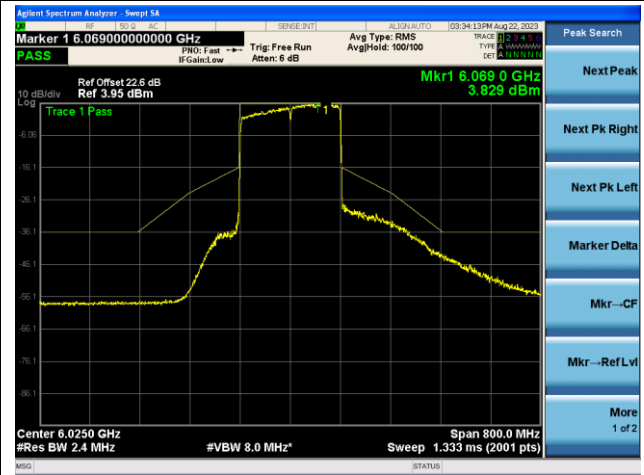
802.11ax-HE160 - Ant 2 (N_{ss} = 2)

Channel 15 (6025MHz)

The Reference Level

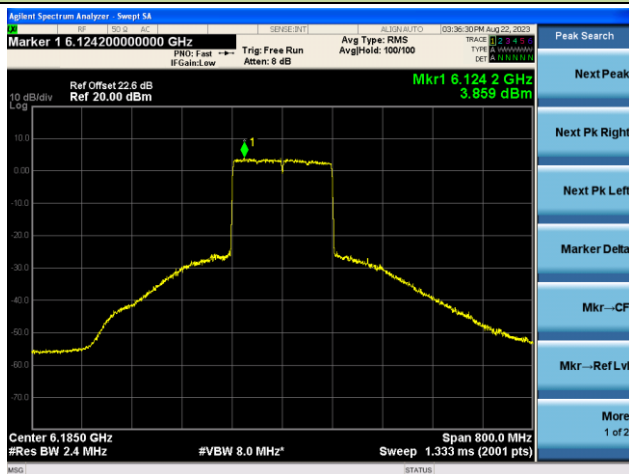


The Mask Data

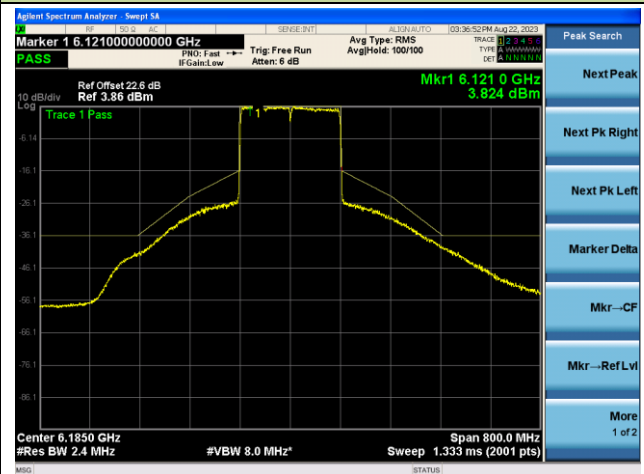


Channel 47 (6185MHz)

The Reference Level

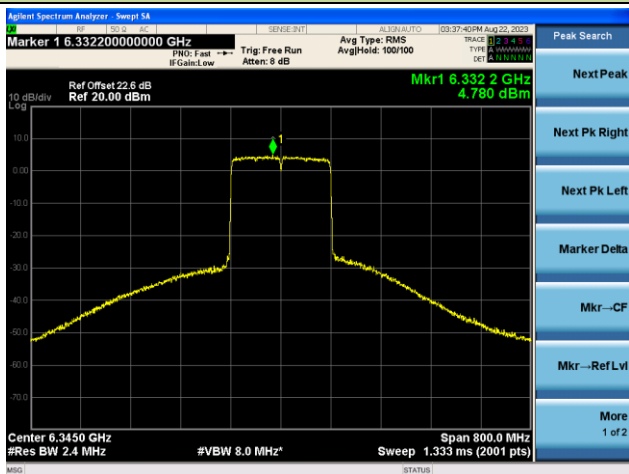


The Mask Data

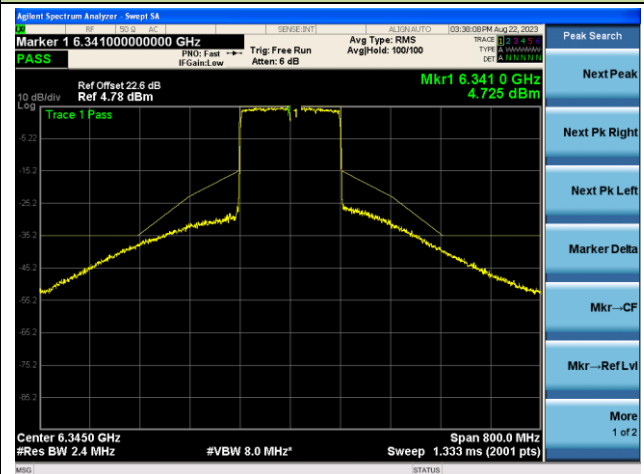


Channel 79 (6345MHz)

The Reference Level



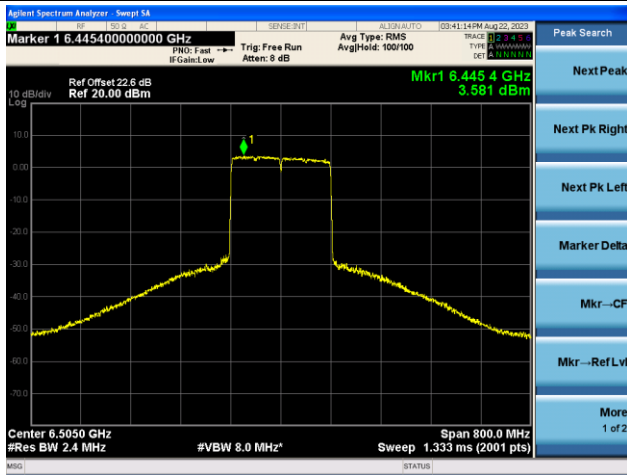
The Mask Data



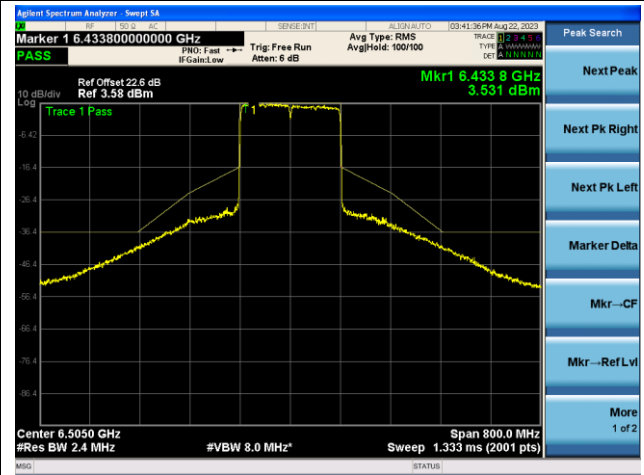
802.11ax-HE160 - Ant 2 (N_{ss} = 2)

Channel 111 (6505MHz)

The Reference Level

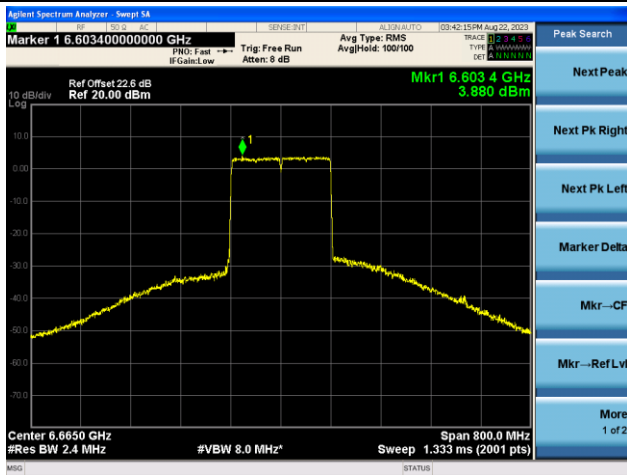


The Mask Data

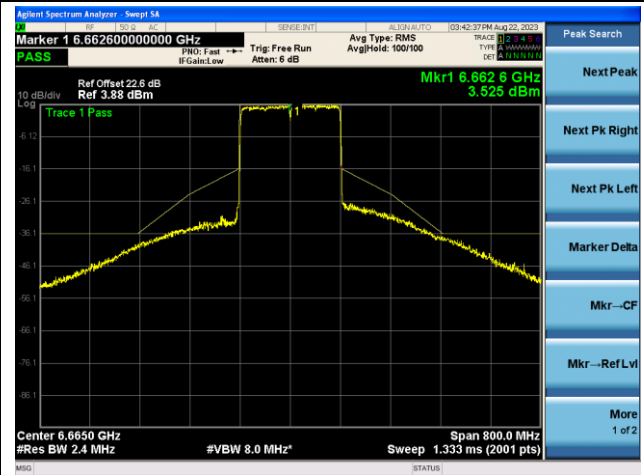


Channel 143 (6665MHz)

The Reference Level

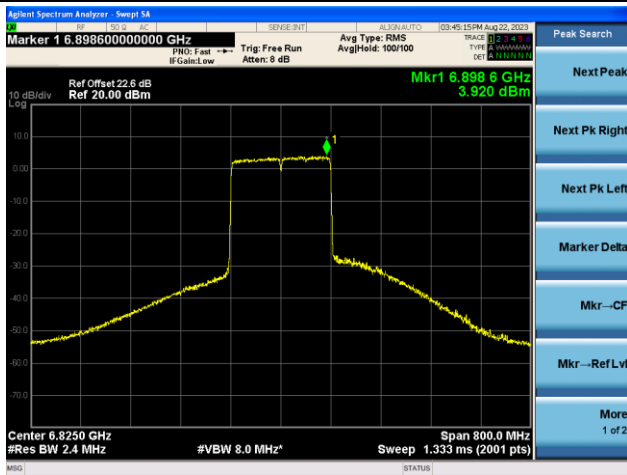


The Mask Data

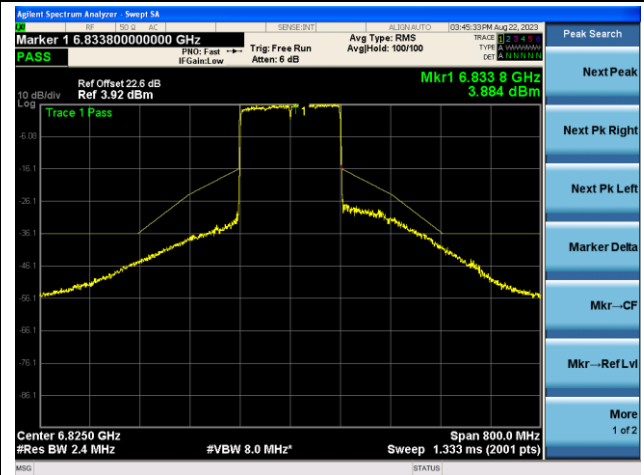


Channel 175 (6825MHz)

The Reference Level



The Mask Data

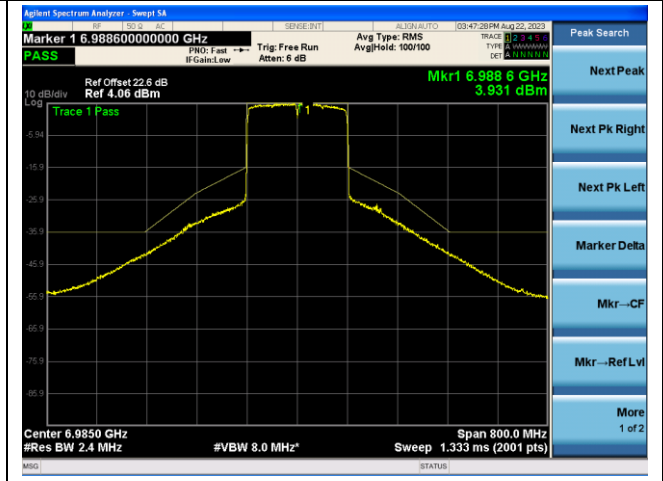
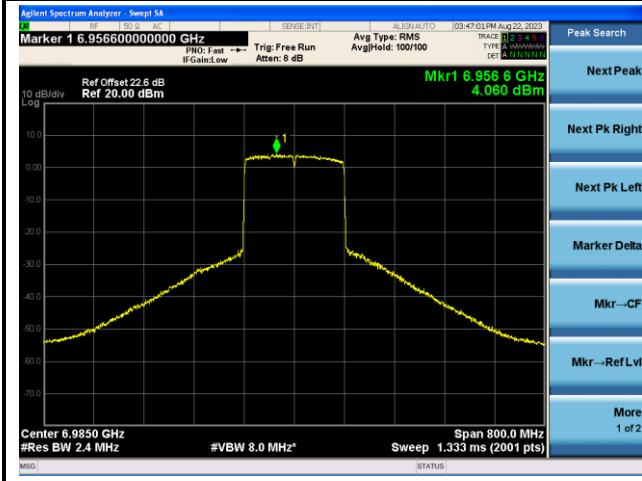


802.11ax-HE160 - Ant 2 (N_{ss} = 2)

Channel 207 (6985MHz)

The Reference Level

The Mask Data



A.6 Contention Based Protocol Test Result

Test Site	WZ-SR4	Test Engineer	Jeff Yang
Test Date	2024-01-11 ~ 2024-01-14	Device Type	Low Power Indoor Access Point (6ID)

Test Channel	Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	AWGN Power (dBm)	Ant. Gain (dBi)	Adjust Power (dBm)	Detection Limit (dBm)	Detected Number	Detection Probability (%)	Limit (%)	Test Result
Operation Band: U-NII 5											
33	20	6115	6115	-76	2	-78	≤ -62.0	10	100	90	Pass
47	160	6185	6110	-74	2	-76	≤ -62.0	10	100	90	Pass
47	160	6185	6185	-71	2	-73	≤ -62.0	10	100	90	Pass
47	160	6185	6260	-62	2	-64	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
97	20	6435	6435	-74	2	-76	≤ -62.0	10	100	90	Pass
111	80	6465	6430	-68	2	-70	≤ -62.0	10	100	90	Pass
111	80	6465	6465	-72	2	-74	≤ -62.0	10	100	90	Pass
111	80	6465	6500	-63	2	-65	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
153	20	6715	6715	-65	2	-67	≤ -62.0	10	100	90	Pass
143	160	6665	6590	-62	2	-64	≤ -62.0	10	100	90	Pass
143	160	6665	6665	-64	2	-66	≤ -62.0	10	100	90	Pass
143	160	6665	6740	-72	2	-74	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-70	2	-72	≤ -62.0	10	100	90	Pass
207	160	6985	6910	-75	2	-77	≤ -62.0	10	100	90	Pass
207	160	6985	6985	-63	2	-65	≤ -62.0	10	100	90	Pass
207	160	6985	7060	-72	2	-74	≤ -62.0	10	100	90	Pass

Note 1: Adjust Power (dBm) = AWGN Power (dBm) – Antenna Gain (dBi).

Note 2: Conducted measurements are used.

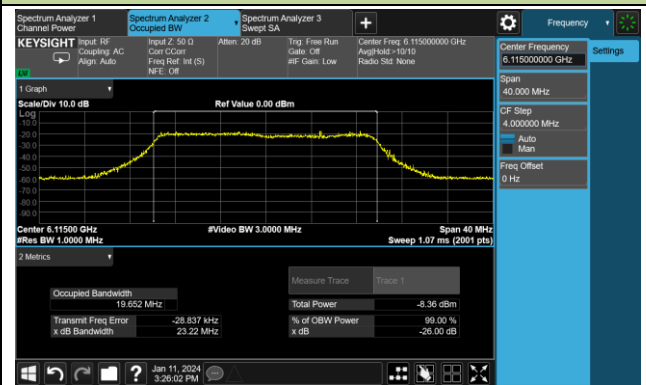
Test Site	WZ-SR4	Test Engineer	Jeff Yang
Test Date	2024-01-11 ~ 2024-01-14	Device Type	Low Power Indoor Access Point (6ID)

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6115	6115	-81	ON
			-80	Minimal
			-78	OFF
160	6185	6110	-82	ON
			-81	Minimal
			-76	OFF
160	6185	6185	-75	ON
			-74	Minimal
			-73	OFF
160	6185	6260	-84	ON
			-83	Minimal
			-64	OFF
Operation Band: U-NII 6				
20	6435	6435	-81	ON
			-80	Minimal
			-76	OFF
160	6505	6430	-83	ON
			-82	Minimal
			-70	OFF
160	6505	6505	-77	ON
			-76	Minimal
			-74	OFF
160	6505	6580	-84	ON
			-83	Minimal
			-65	OFF

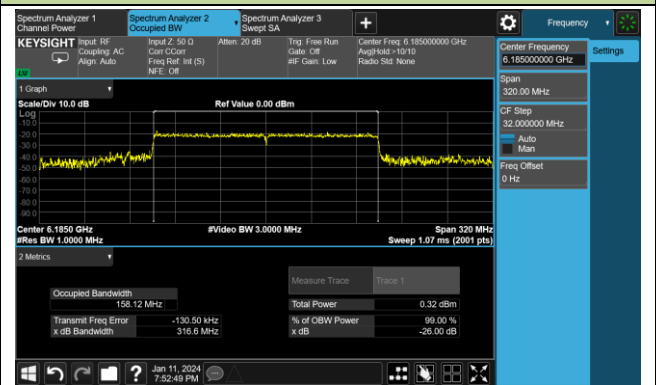
Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6715	6715	-79	ON
			-78	Minimal
			-67	OFF
160	6665	6590	-84	ON
			-83	Minimal
			-64	OFF
160	6665	6665	-76	ON
			-75	Minimal
			-66	OFF
160	6665	6740	-83	ON
			-82	Minimal
			-74	OFF
Operation Band: U-NII 8				
20	7015	7015	-80	ON
			-79	Minimal
			-72	OFF
160	6985	6910	-84	ON
			-83	Minimal
			-77	OFF
160	6985	6985	-76	ON
			-75	Minimal
			-65	OFF
160	6985	7060	-82	ON
			-81	Minimal
			-74	OFF
<p>Note:</p> <p>OFF: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds</p> <p>Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently</p> <p>ON: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds</p>				

EUT Tx Waveform

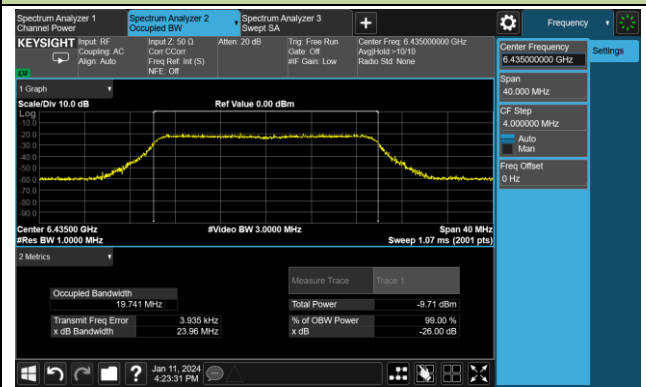
802.11ax-HE20 / CH33



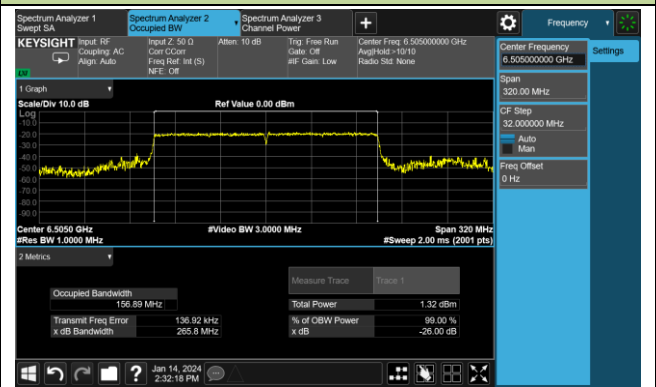
802.11ax-HE160 / CH47



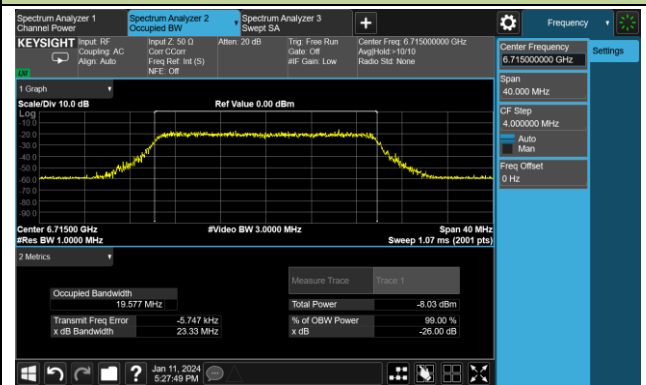
802.11ax-HE20 / CH97



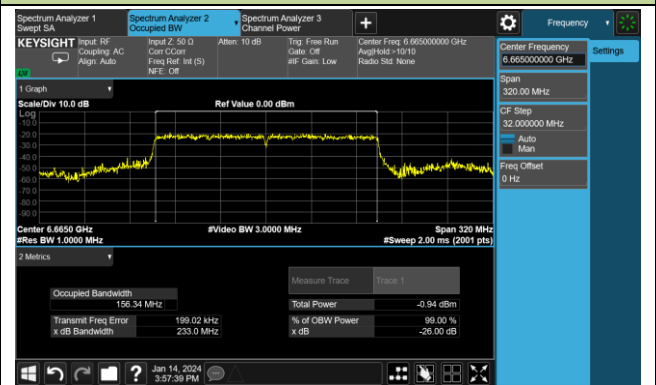
802.11ax-HE80 / CH111



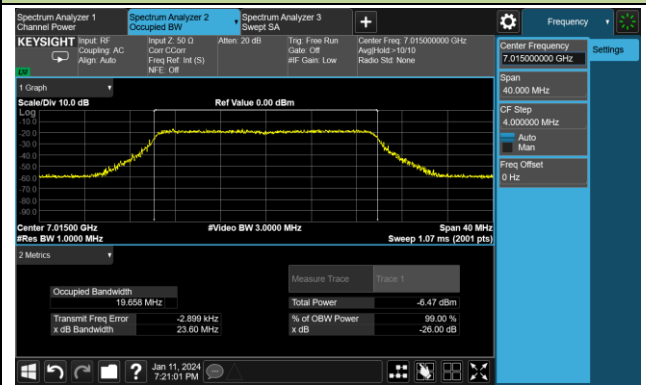
802.11ax-HE20 / CH153



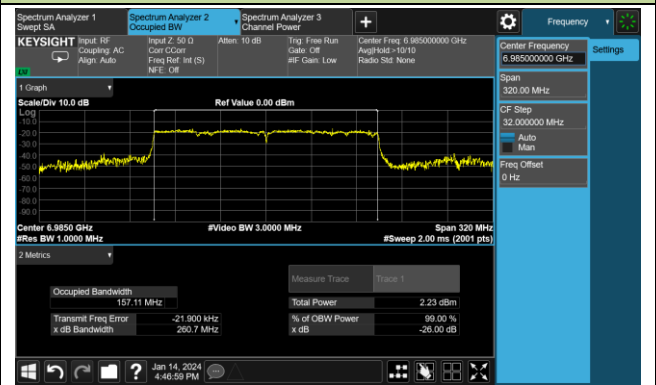
802.11ax-HE160 / CH143



802.11ax-HE20 / CH213

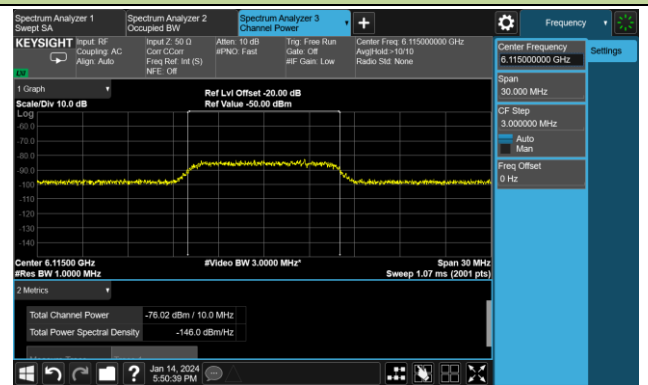


802.11ax-HE160 / CH207

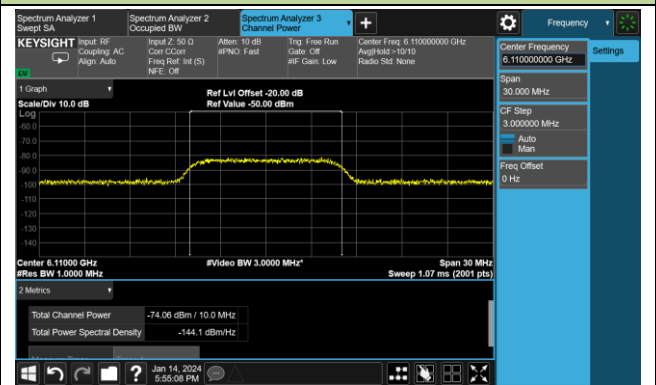


Incumbent Signal Calibration Plots (NII-5 Band)

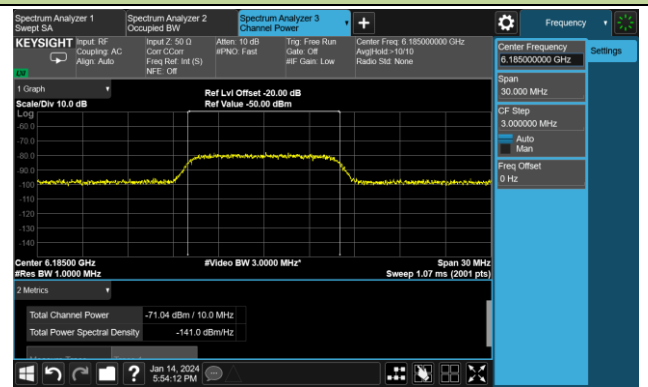
802.11ax-HE20 / CH33



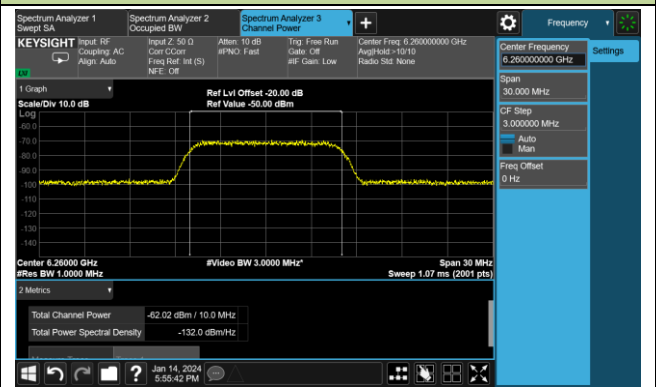
802.11ax-HE160 / CH47 (Low Edge)



802.11ax-HE160 / CH47 (Middle)

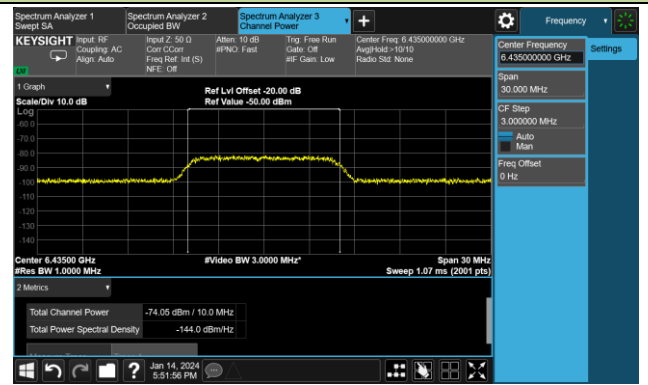


802.11ax-HE160 / CH47 (High Edge)

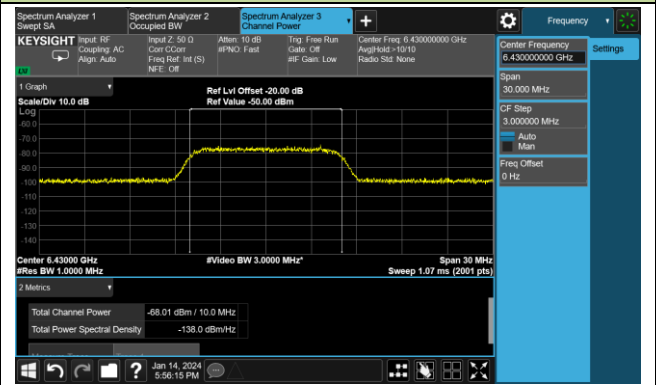


Incumbent Signal Calibration Plots (NII-6 Band)

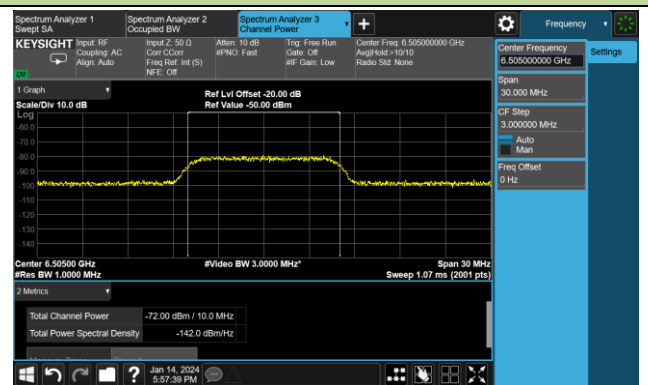
802.11ax-HE20 / CH97



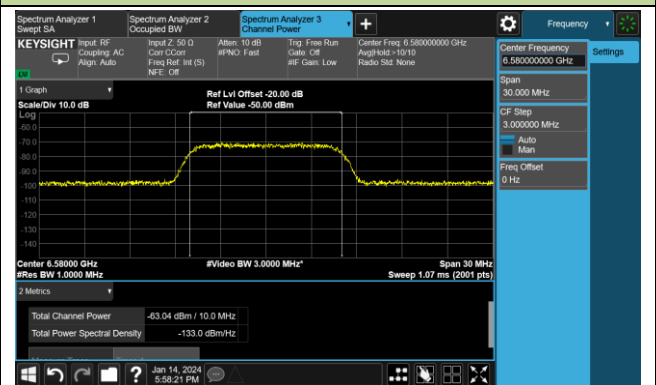
802.11ax-HE80 / CH111 (Low Edge)



802.11ax-HE80 / CH111 (Middle)

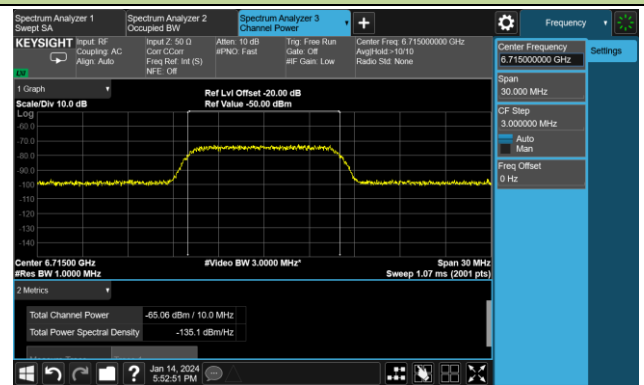


802.11ax-HE80 / CH111 (High Edge)

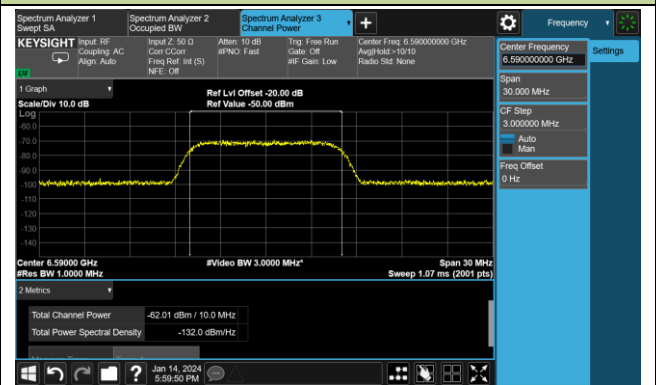


Incumbent Signal Calibration Plots (NII-7 Band)

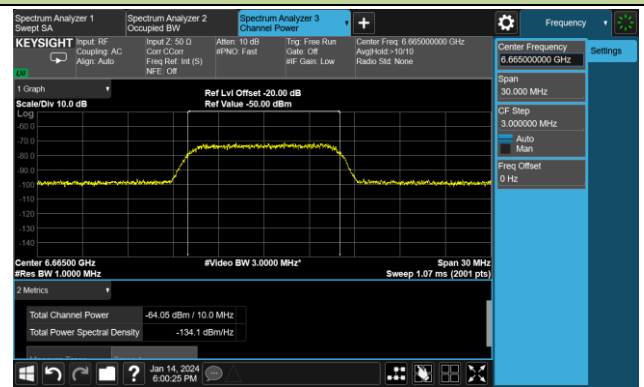
802.11ax-HE20 / CH153



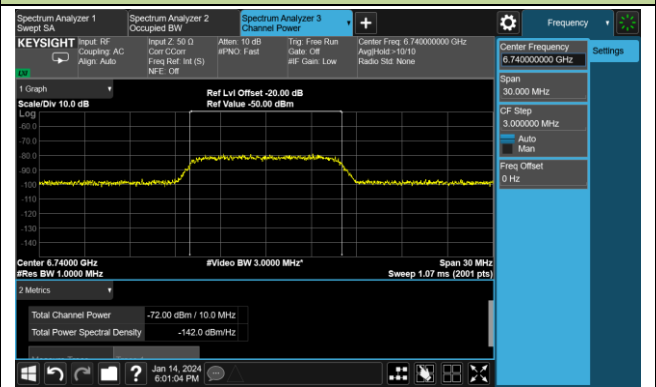
802.11ax-HE160 / CH143 (Low Edge)



802.11ax-HE160 / CH143 (Middle)

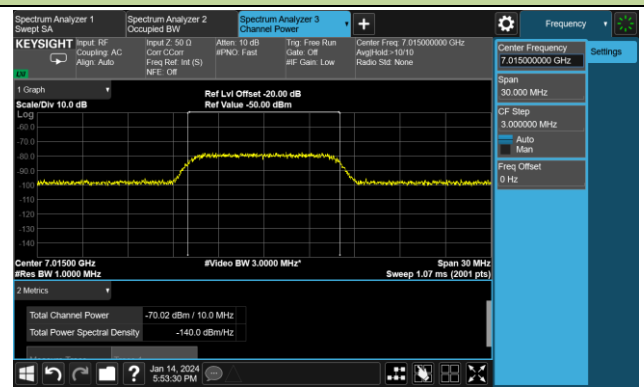


802.11ax-HE160 / CH143 (High Edge)

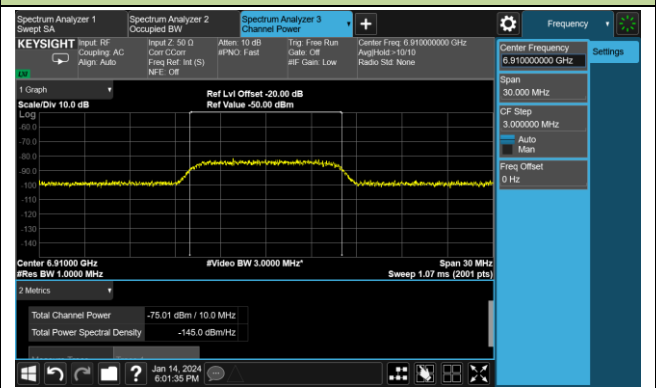


Incumbent Signal Calibration Plots (NII-8 Band)

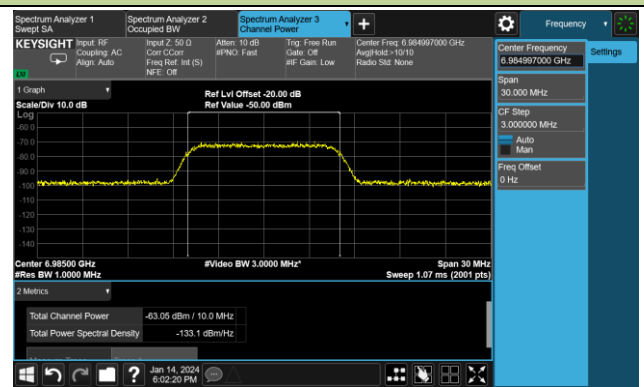
802.11ax-HE20 / CH213



802.11ax-HE160 / CH207 (Low Edge)



802.11ax-HE160 / CH207 (Middle)



802.11ax-HE160 / CH207 (High Edge)

