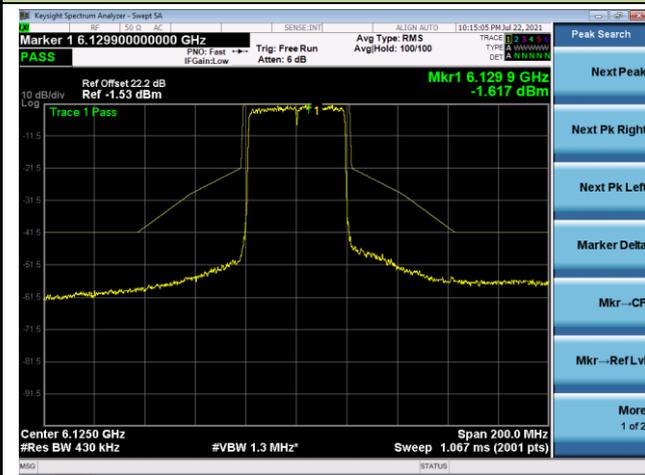
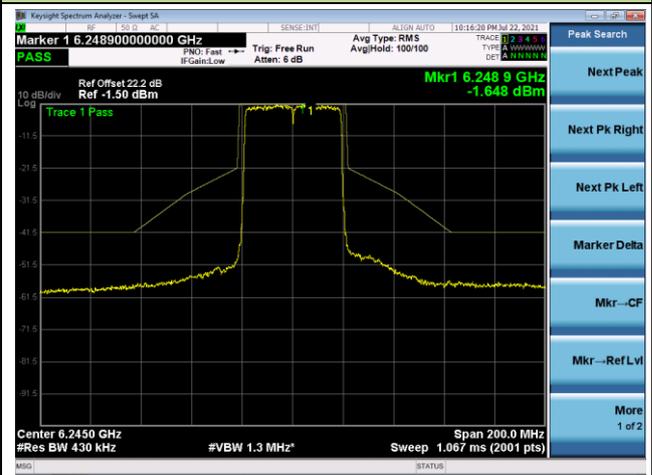


802.11ax-HE40 - Ant 1 (Nss = 2)

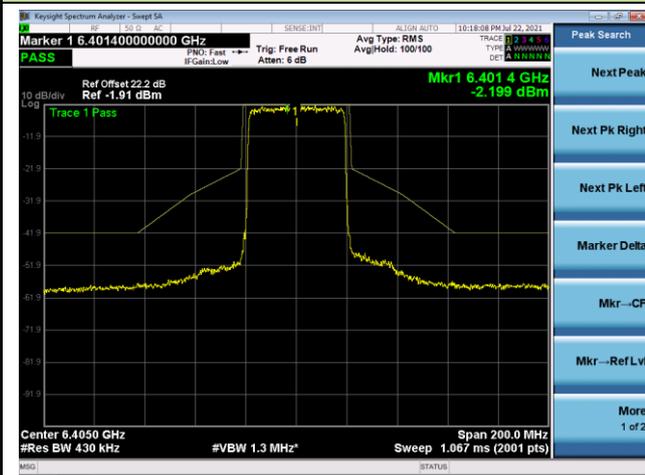
Channel 35 (6125MHz)



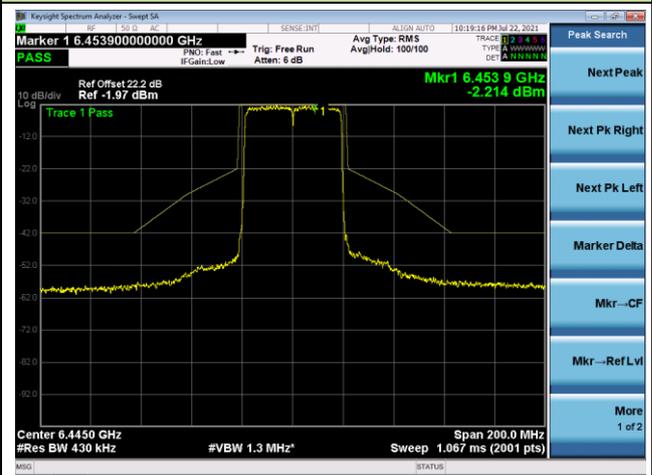
Channel 59 (6245MHz)



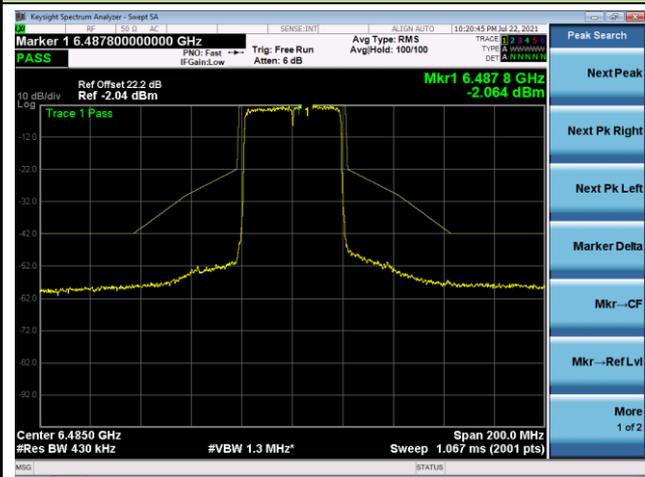
Channel 91 (6405MHz)



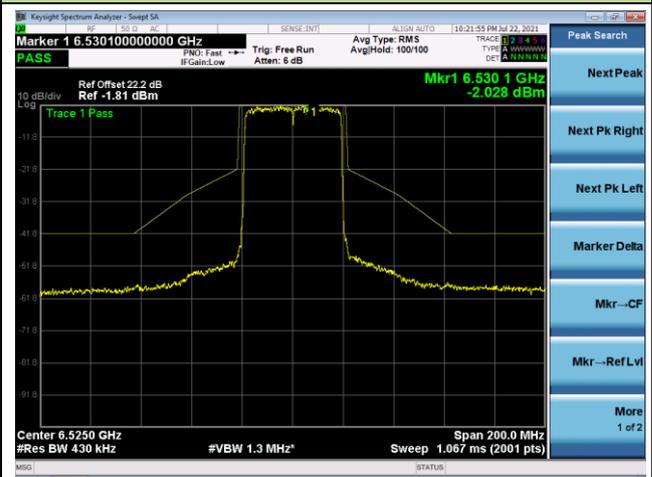
Channel 99 (6445MHz)

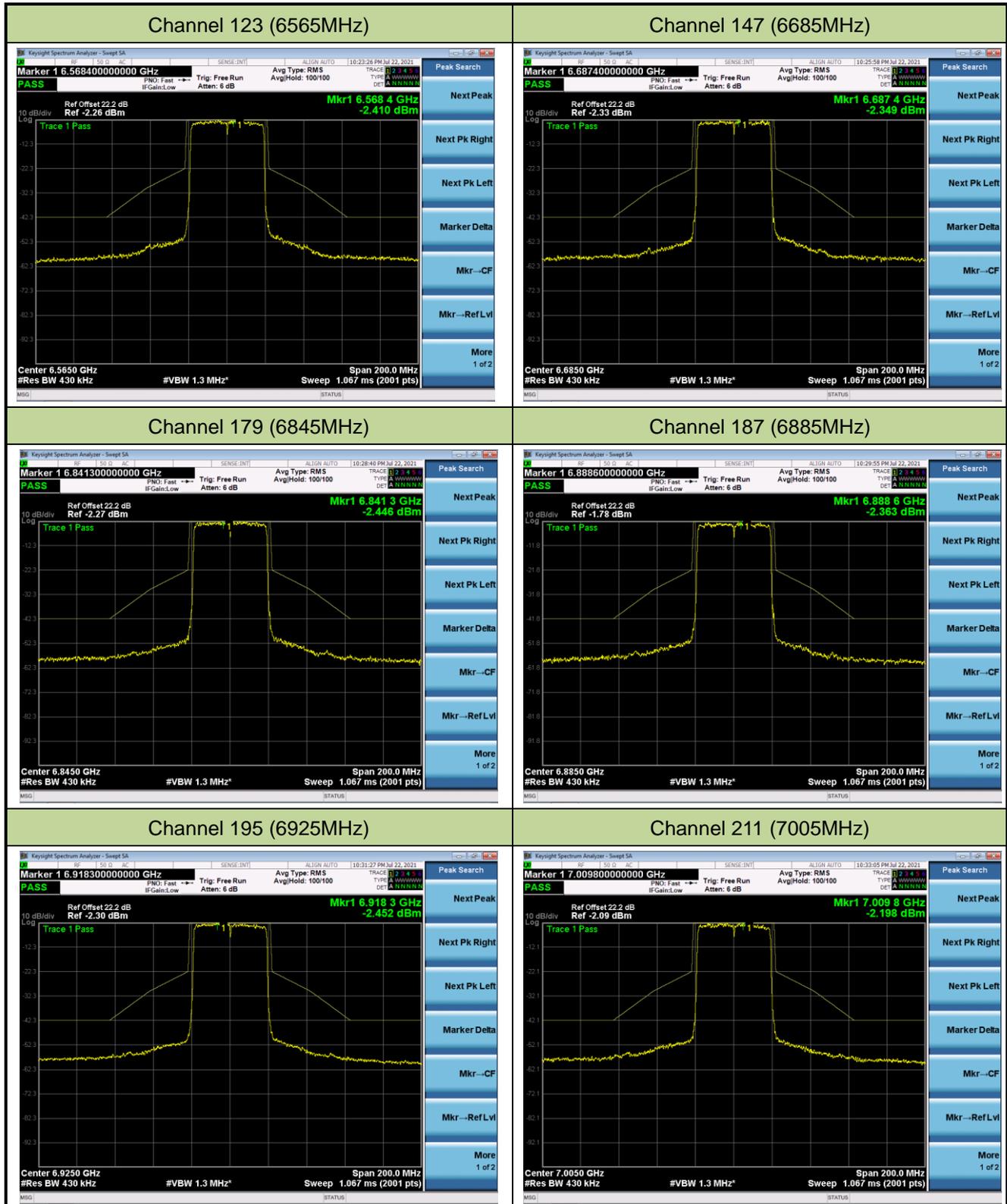


Channel 107 (6485MHz)



Channel 115 (6525MHz)

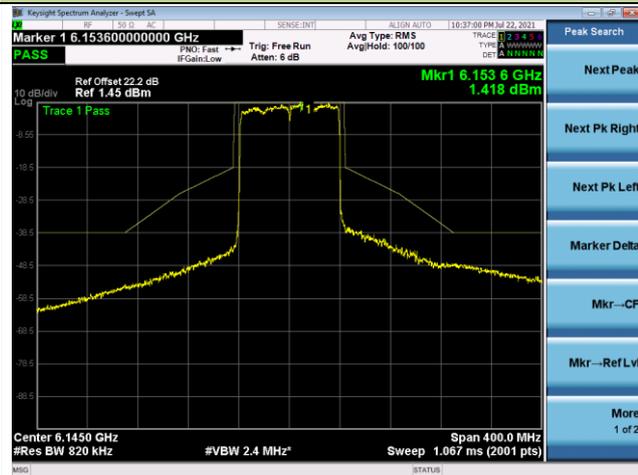




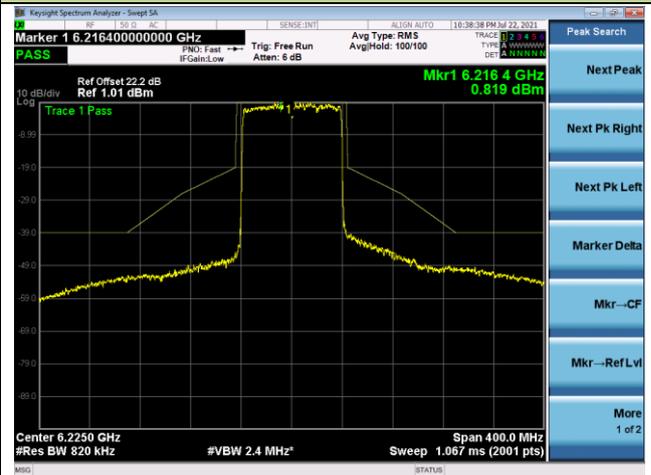


802.11ax-HE80 - Ant 1 (Nss = 2)

Channel 39 (6145MHz)



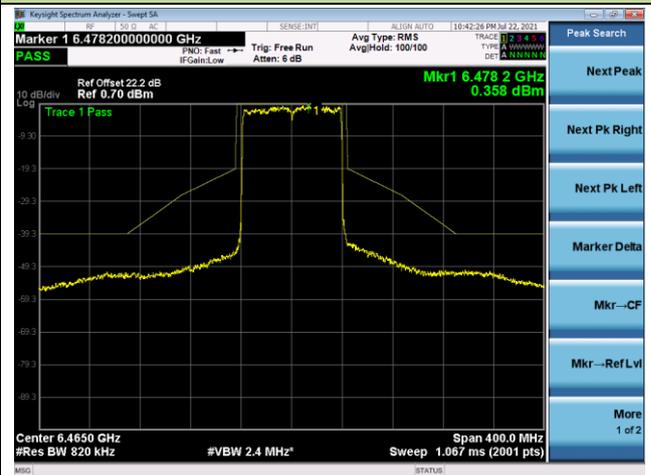
Channel 55 (6225MHz)



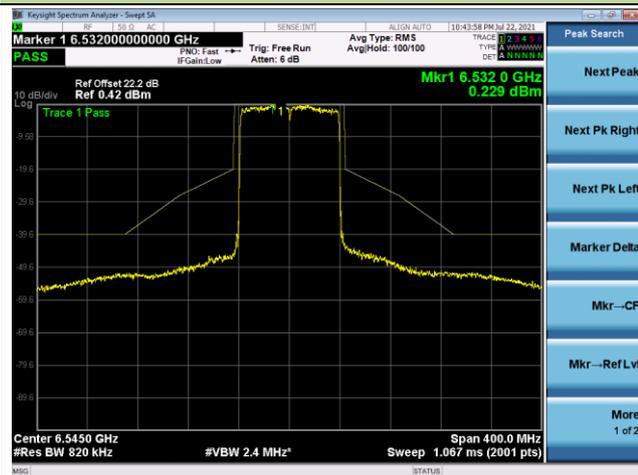
Channel 87 (6385MHz)



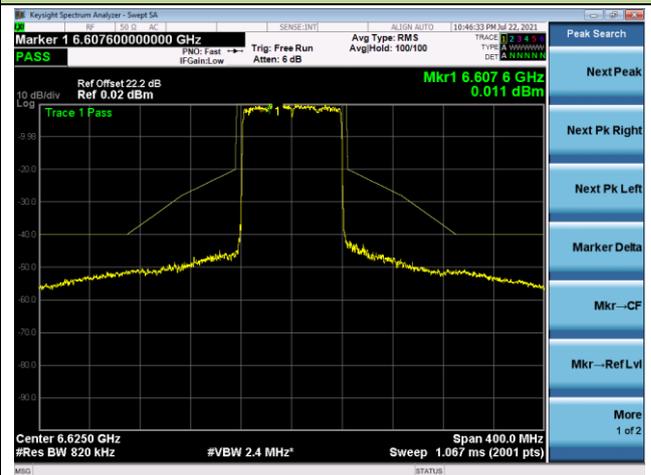
Channel 103 (6465MHz)

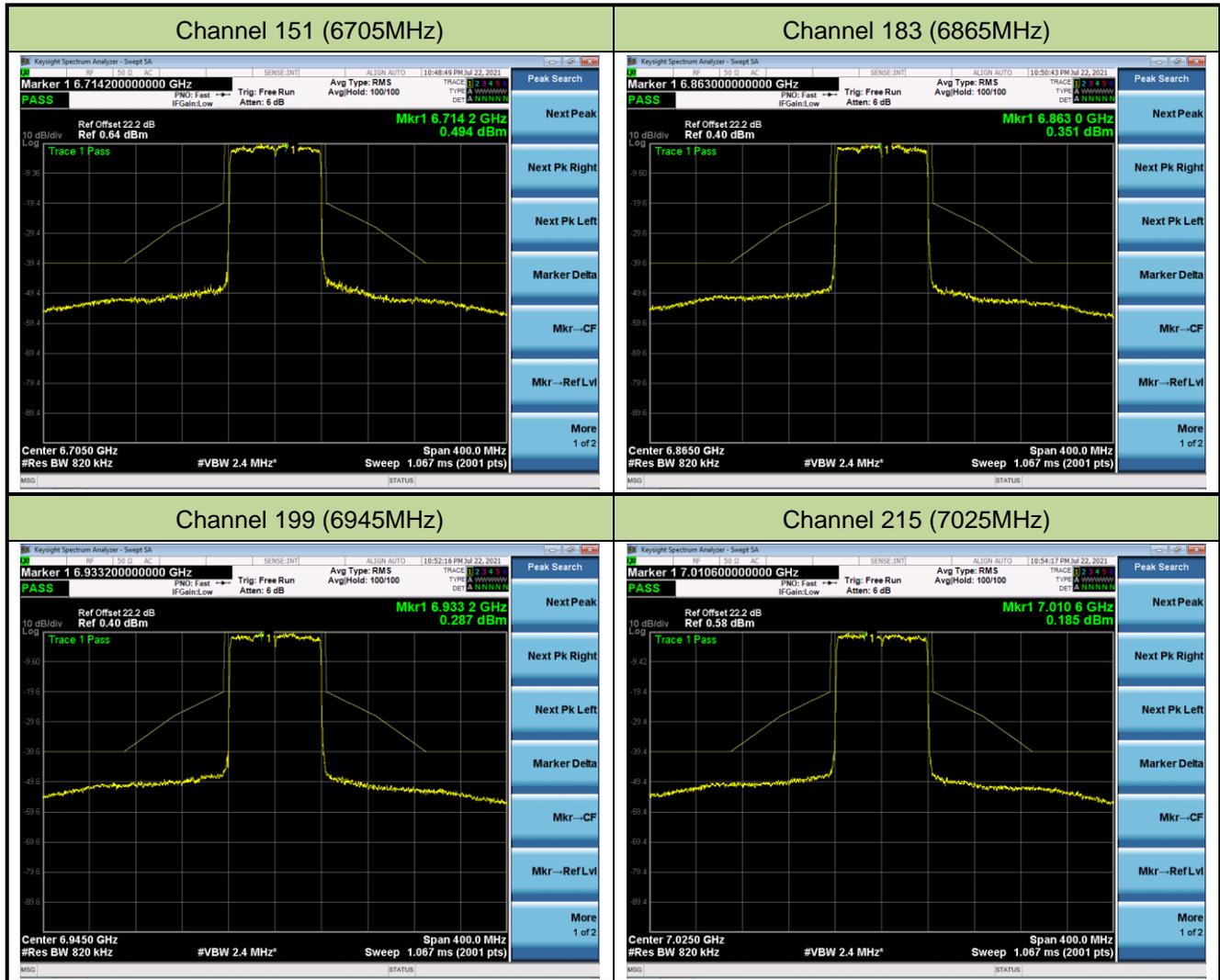


Channel 119 (6545MHz)



Channel 135 (6625MHz)



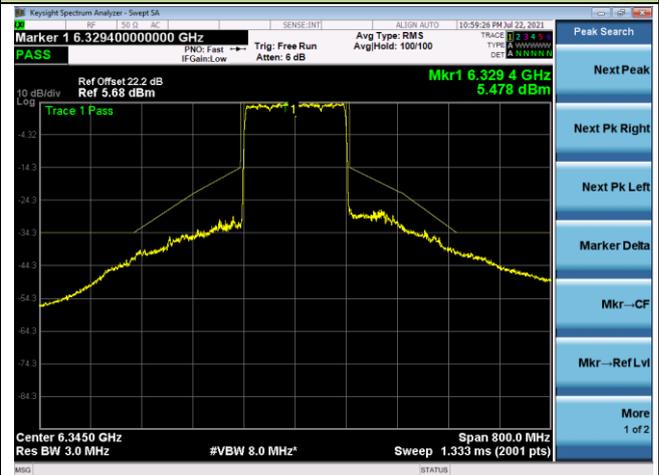


802.11ax-HE160 - Ant 1 (Nss = 2)

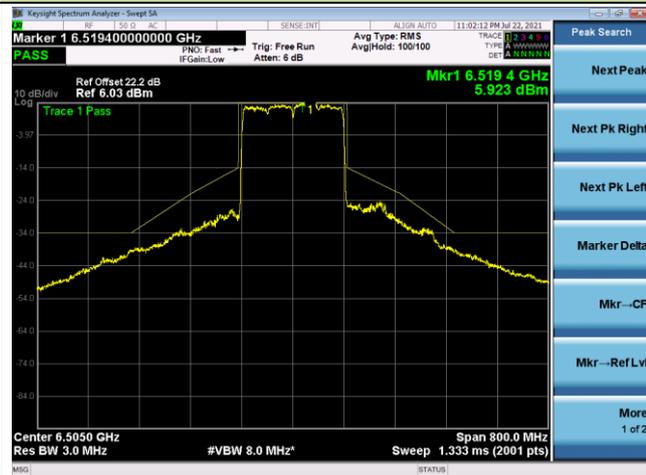
Channel 47 (6185MHz)



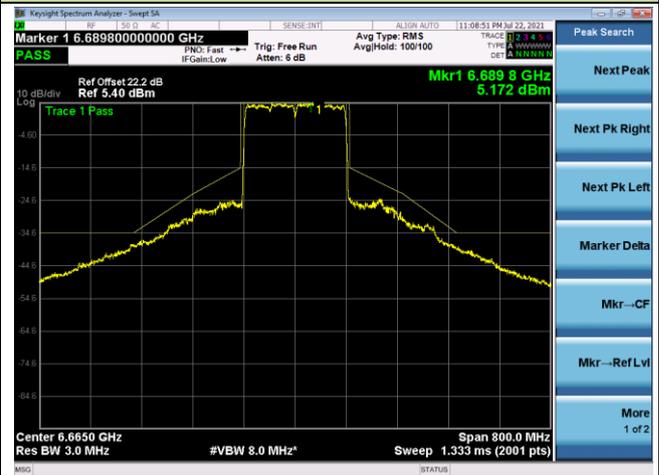
Channel 79 (6345MHz)



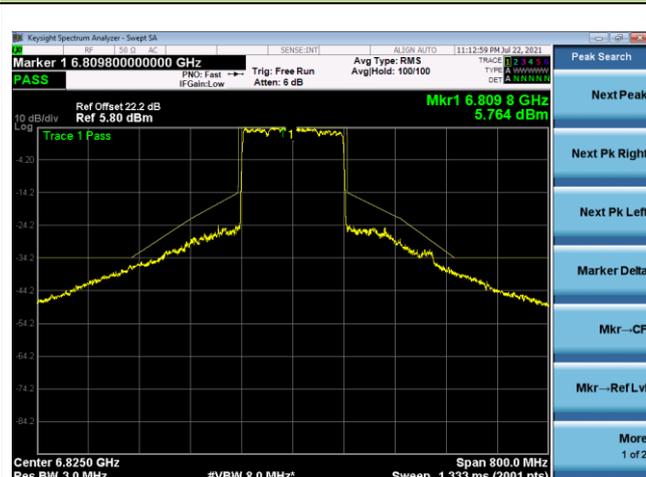
Channel 111 (6505MHz)



Channel 143 (6665MHz)



Channel 175 (6825MHz)



Channel 207 (6985MHz)



A.5 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Liz Yuan
Test Date	2021/11/19		
Test Mode	6115MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	5.98	6.38	6.46	6.53
		- 20	6.21	6.38	6.47	6.53
		- 10	6.23	6.40	6.47	6.54
		0	6.26	6.42	6.48	6.54
		+ 10	6.28	6.43	6.48	6.55
		+ 20 (Ref)	6.31	6.44	6.49	6.55
		+ 30	6.31	6.44	6.49	6.55
		+ 40	6.33	6.44	6.51	6.55
		+ 50	6.35	6.45	6.51	6.56
115%	138	+ 20	6.36	6.45	6.52	6.56
85%	102	+ 20	6.37	6.46	6.52	6.56

Note: Frequency Tolerance (ppm) = $\{[\text{Measured Frequency (Hz)} - \text{Declared Frequency (Hz)}] / \text{Declared Frequency (Hz)}\} * 10^6$.

A.6 Contention Based Protocol Test Result

Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2022/01/14		

Test Channel	Bandwidth (MHz)	Freq. (MHz)	Interference Freq. (MHz)	AWGN Level (dBm)	Detected Number	Detection Probability (%)	Limit (%)	Test Result
Operation Band: U-NII 5								
33	20	6115	6115	-80	10	100	90	Pass
47	160	6185	6110	-74	10	100	90	Pass
47	160	6185	6185	-77	10	100	90	Pass
47	160	6185	6260	-75	10	100	90	Pass
Operation Band: U-NII 6								
97	20	6435	6435	-78	10	100	90	Pass
103	80	6465	6430	-86	10	100	90	Pass
103	80	6465	6465	-84	10	100	90	Pass
103	80	6465	6500	-85	10	100	90	Pass
Operation Band: U-NII 7								
153	20	6715	6715	-78	10	100	90	Pass
143	160	6665	6590	-84	10	100	90	Pass
143	160	6665	6665	-75	10	100	90	Pass
143	160	6665	6740	-82	10	100	90	Pass
Operation Band: U-NII 8								
213	20	7015	7015	-78	10	100	90	Pass
207	160	6985	6910	-86	10	100	90	Pass
207	160	6985	6985	-78	10	100	90	Pass
207	160	6985	7060	-65	10	100	90	Pass

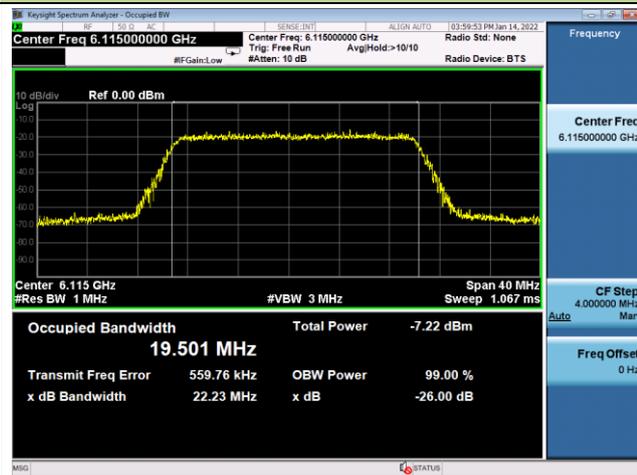
Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2022/01/14		
Remark	Lowest Interference (AWGN) Level Check		

Test Channel	Bandwidth (MHz)	Freq. (MHz)	Interference Freq. (MHz)	AWGN Level (dBm)	EUT Status
Operation Band: U-NII 5					
33	20	6115	6115	-80	Ceased
				-81	Minimal
47	160	6185	6110	-74	Ceased
				-75	Minimal
47	160	6185	6185	-77	Ceased
				-78	Minimal
47	160	6185	6260	-75	Ceased
				-76	Minimal
Operation Band: U-NII 6					
97	20	6435	6435	-78	Ceased
				-79	Minimal
103	80	6465	6430	-86	Ceased
				-87	Minimal
103	80	6465	6465	-84	Ceased
				-85	Minimal
103	80	6465	6500	-85	Ceased
				-86	Minimal
Operation Band: U-NII 7					
153	20	6715	6715	-78	Ceased
				-79	Minimal
143	160	6665	6590	-84	Ceased
				-85	Minimal
143	160	6665	6665	-75	Ceased
				-76	Minimal
143	160	6665	6740	-82	Ceased
				-83	Minimal

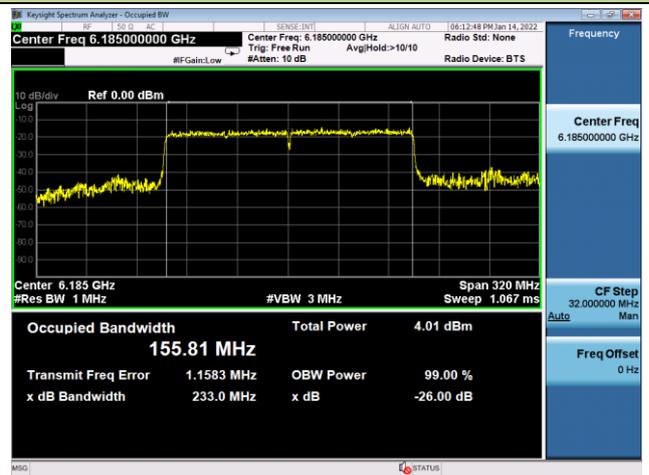
Test Channel	Bandwidth (MHz)	Freq. (MHz)	Interference Freq. (MHz)	AWGN Level (dBm)	EUT Status
Operation Band: U-NII 8					
213	20	7015	7015	-78	Ceased
				-79	Minimal
207	160	6985	6910	-86	Ceased
				-87	Minimal
207	160	6985	6985	-78	Ceased
				-79	Minimal
207	160	6985	7060	-85	Ceased
				-86	Minimal

EUT Tx Waveform

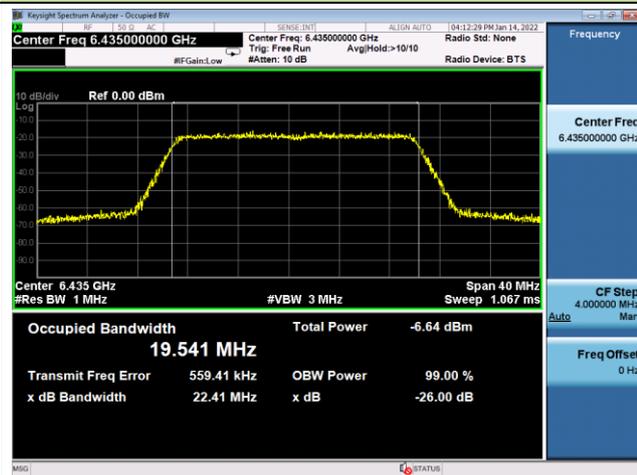
802.11ax-HE20 / CH33



802.11ax-HE160 / CH47



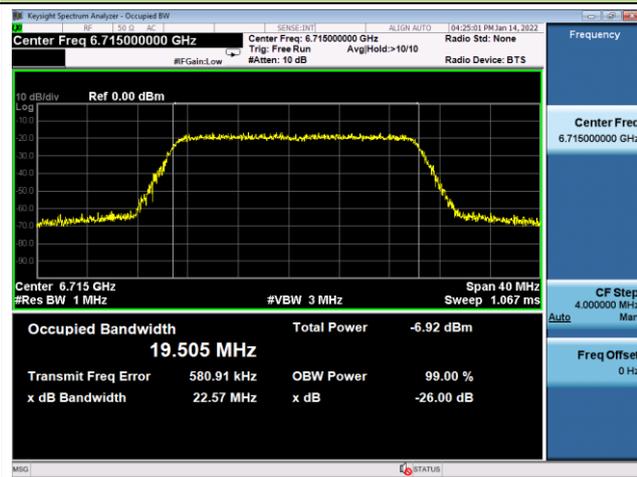
802.11ax-HE20 / CH97



802.11ax-HE80 / CH103

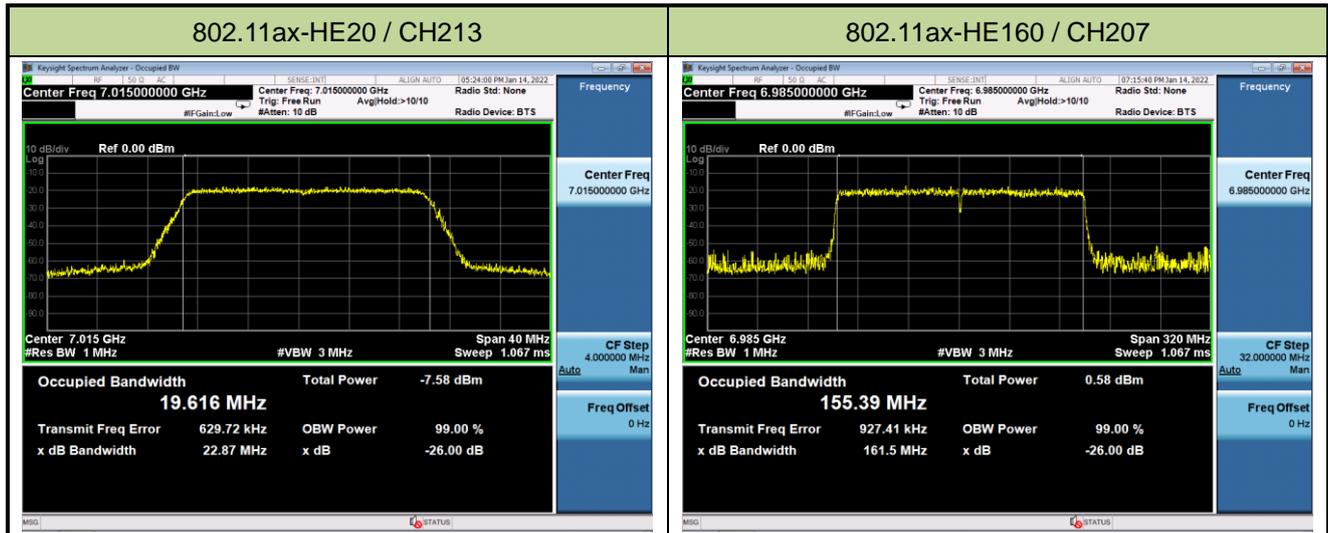


802.11ax-HE20 / CH153



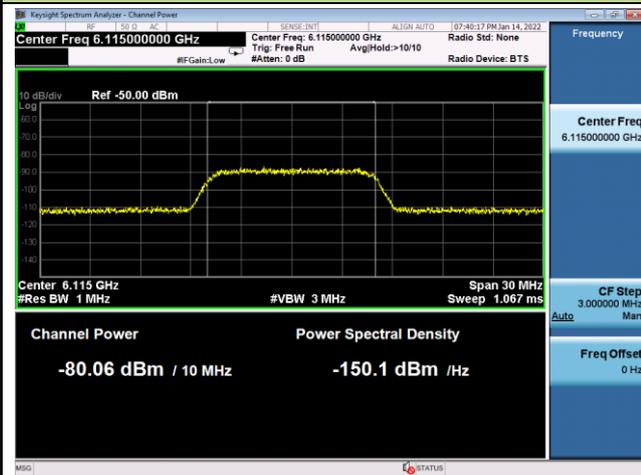
802.11ax-HE160 / CH143



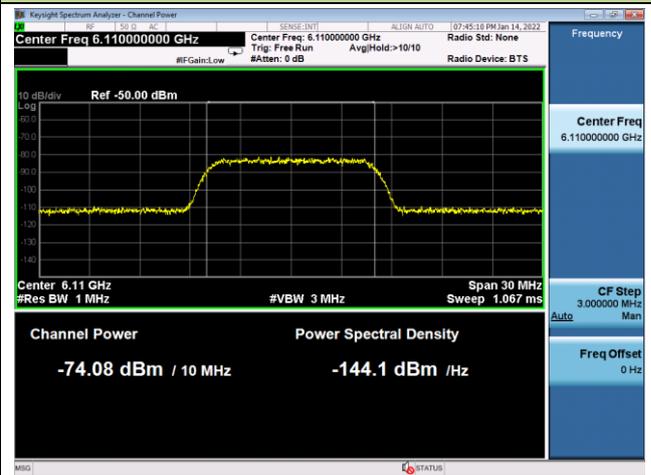


Incumbent Signal Calibration Plots (NII-5 Band)

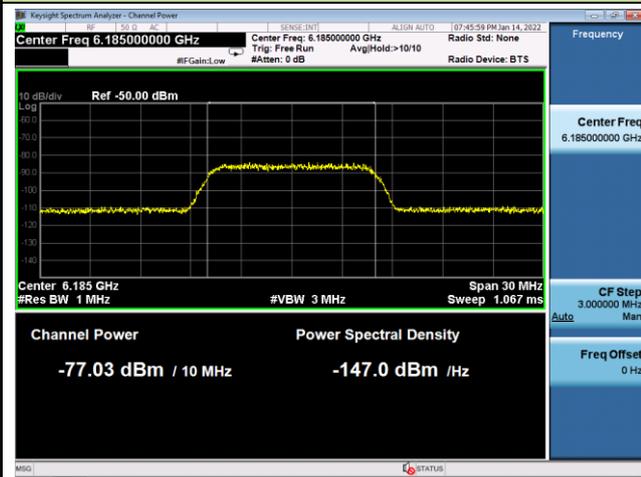
802.11ax-HE20 / CH33



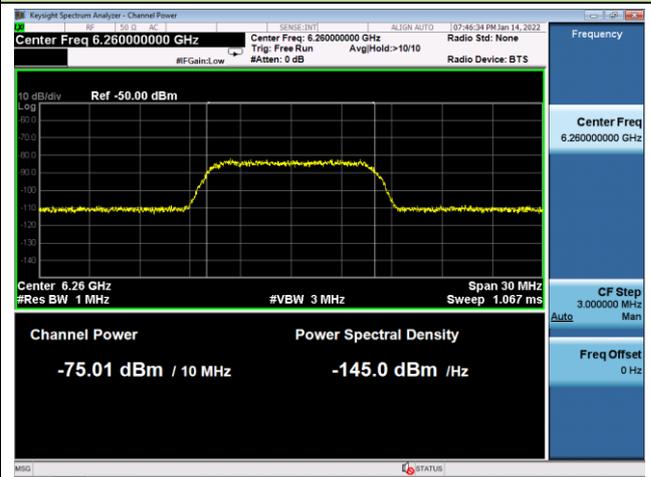
802.11ax-HE160 / CH47 (Low Edge)



802.11ax-HE160 / CH47 (Middle)

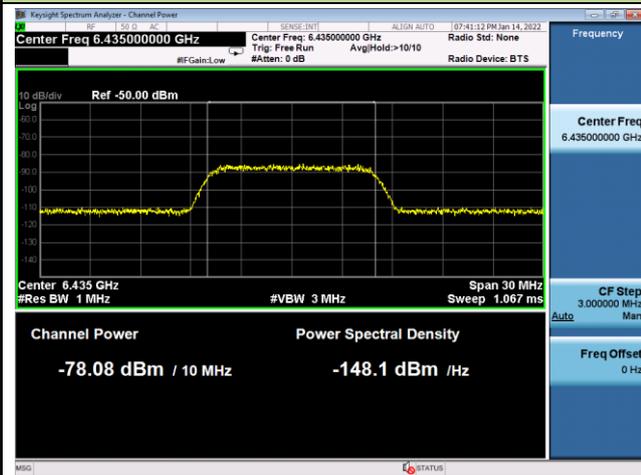


802.11ax-HE160 / CH47 (High Edge)

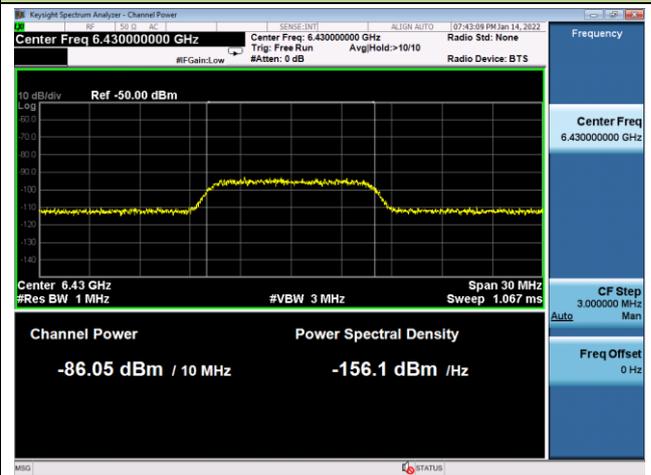


Incumbent Signal Calibration Plots (NII-6 Band)

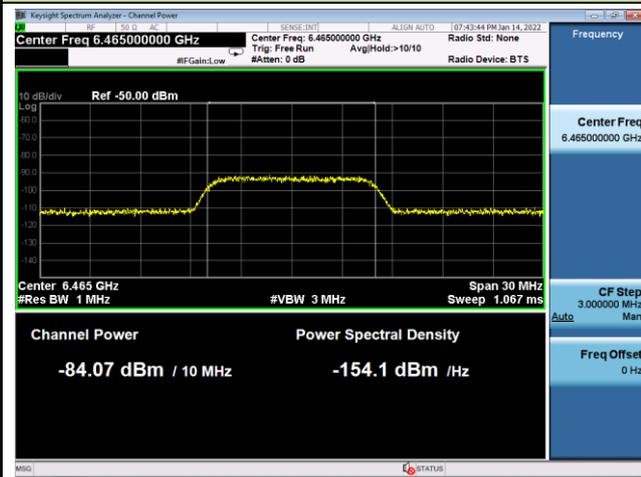
802.11ax-HE20 / CH97



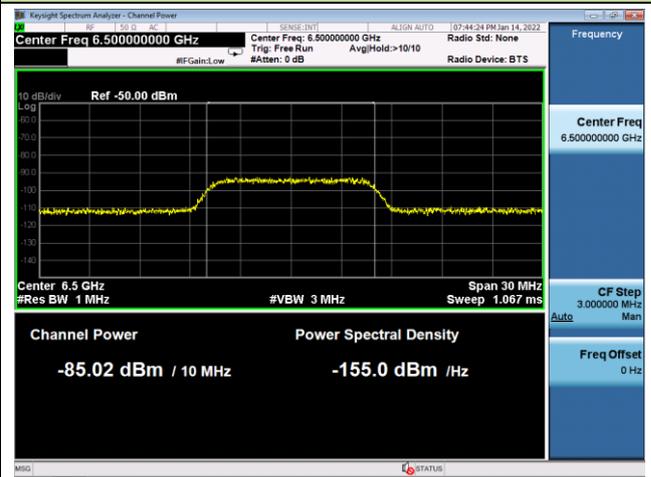
802.11ax-HE80 / CH103 (Low Edge)



802.11ax-HE80 / CH103 (Middle)

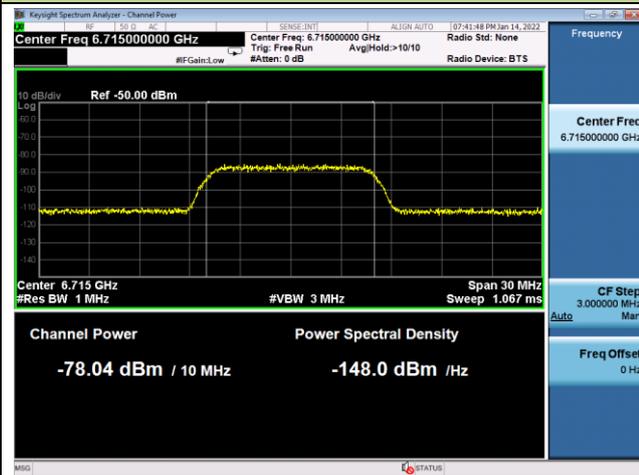


802.11ax-HE80 / CH103 (High Edge)

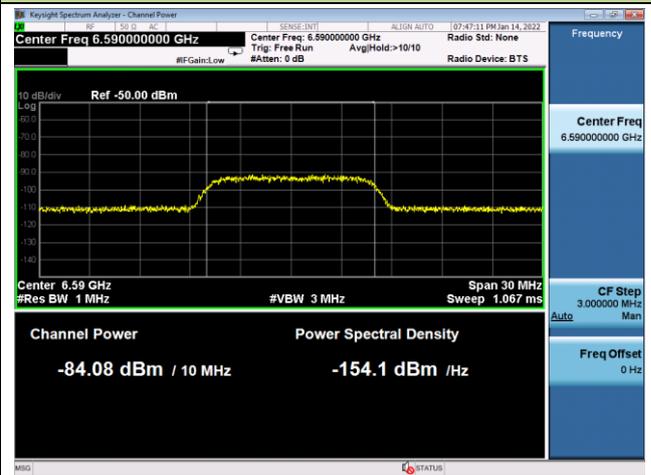


Incumbent Signal Calibration Plots (NII-7 Band)

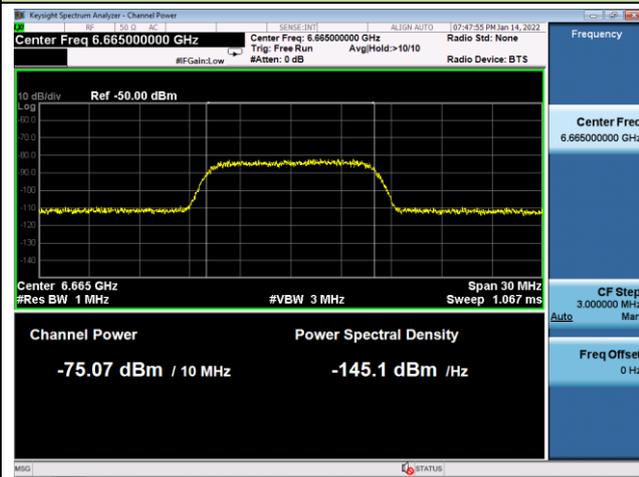
802.11ax-HE20 / CH153



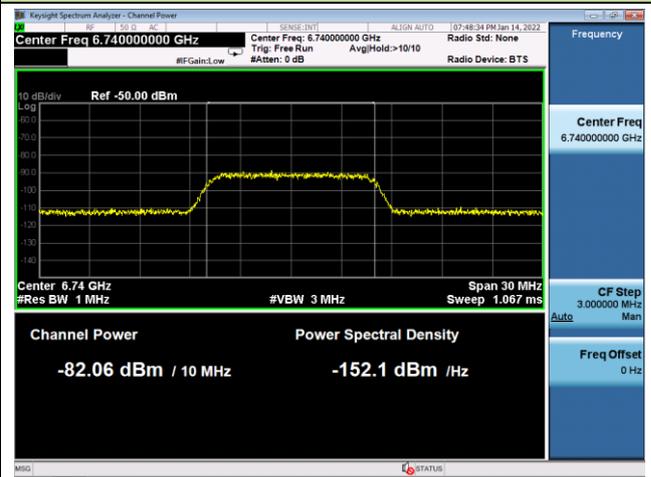
802.11ax-HE160 / CH143 (Low Edge)

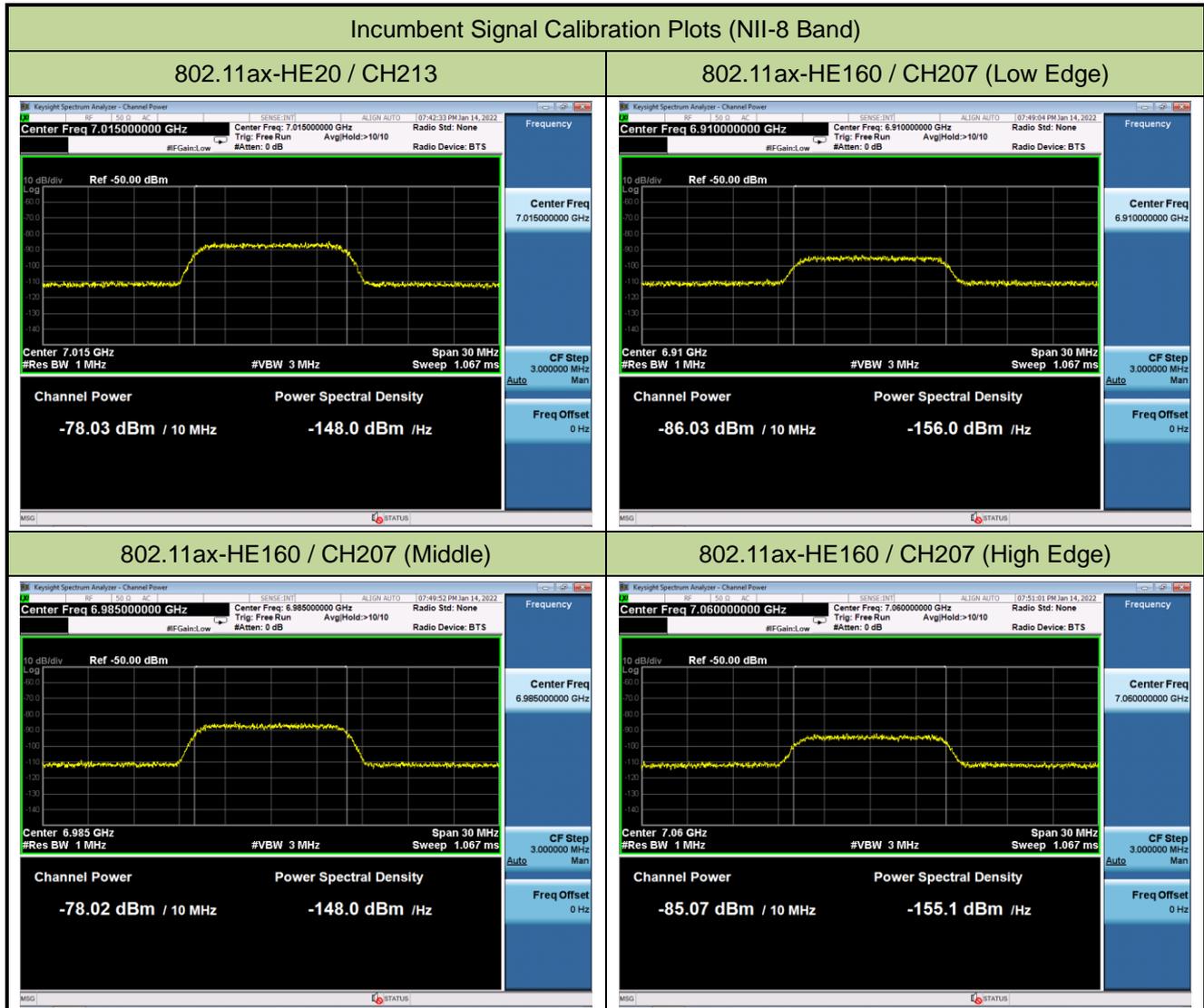


802.11ax-HE160 / CH143 (Middle)

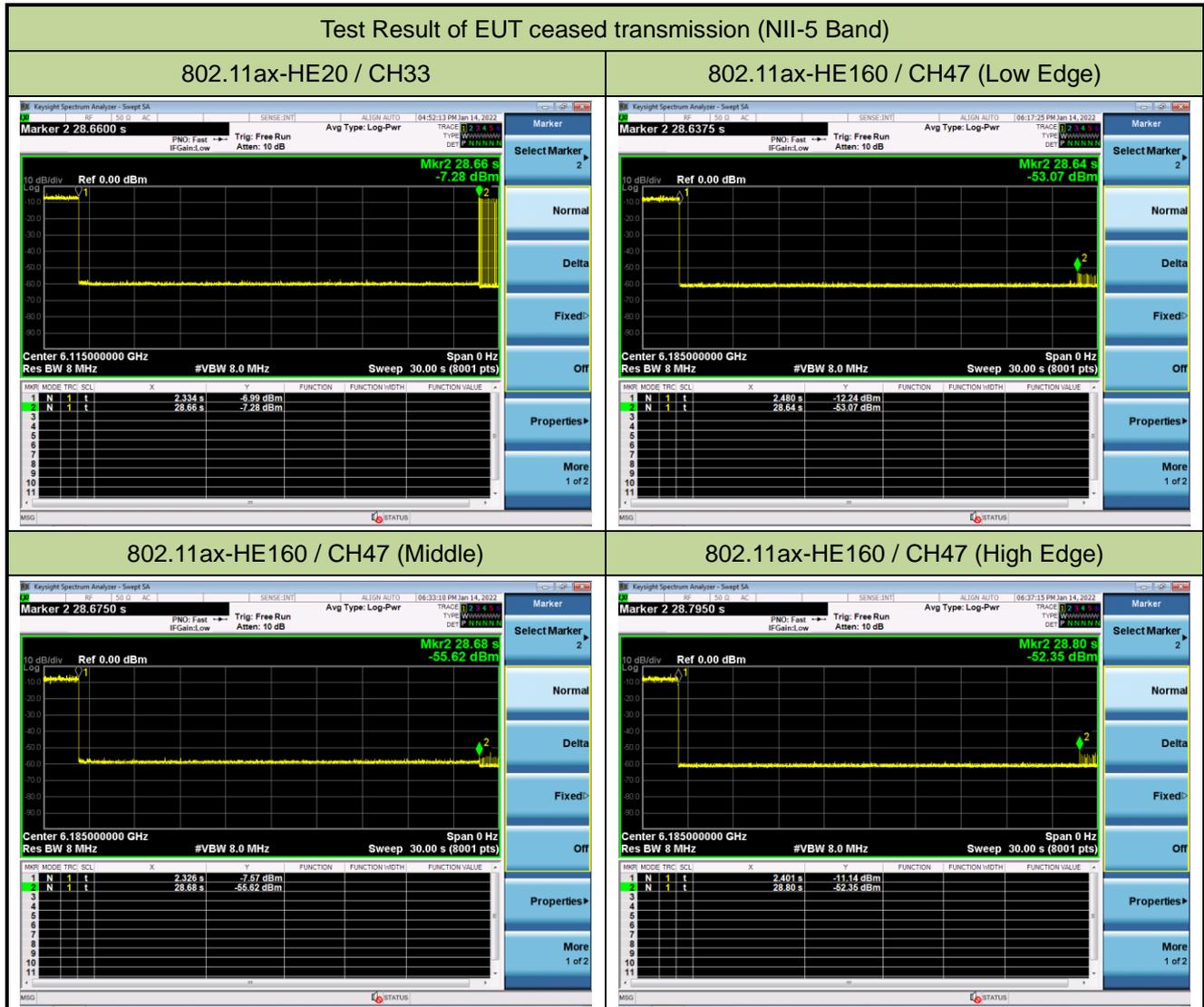


802.11ax-HE160 / CH143 (High Edge)





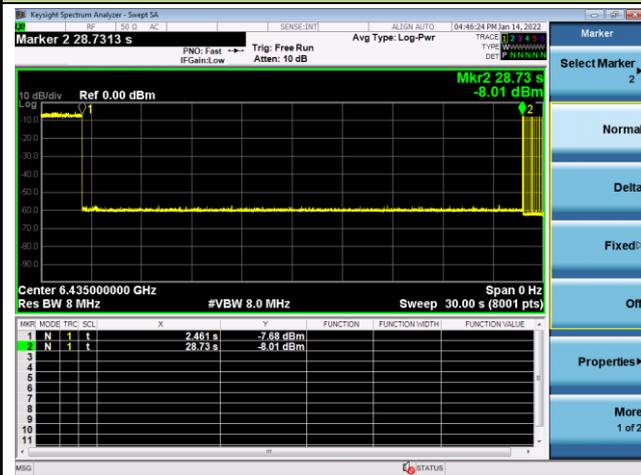
Note: Due to the Incumbent Signal level is too low, so we use an amplifier to render the signal more accurately when calibrating the signal, but it is not used on the test.



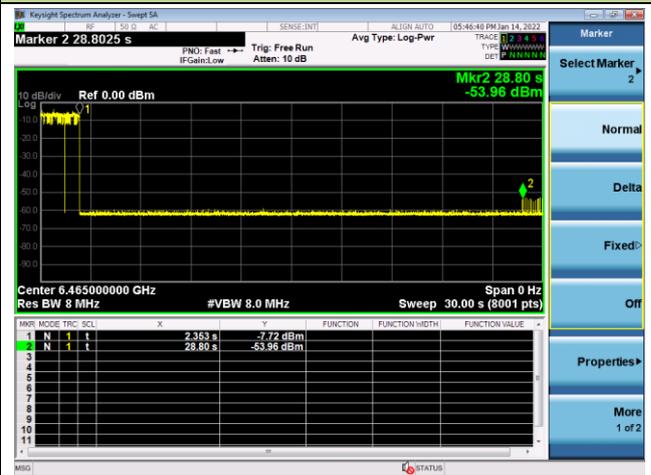
Note: M1: Injection of AWGN Signal, M2: Removal of AWGN Signal.

Test Result of EUT ceased transmission (NII-6 Band)

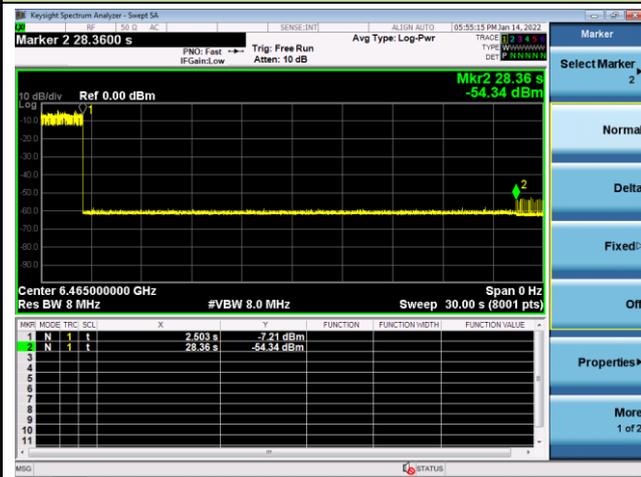
802.11ax-HE20 / CH97



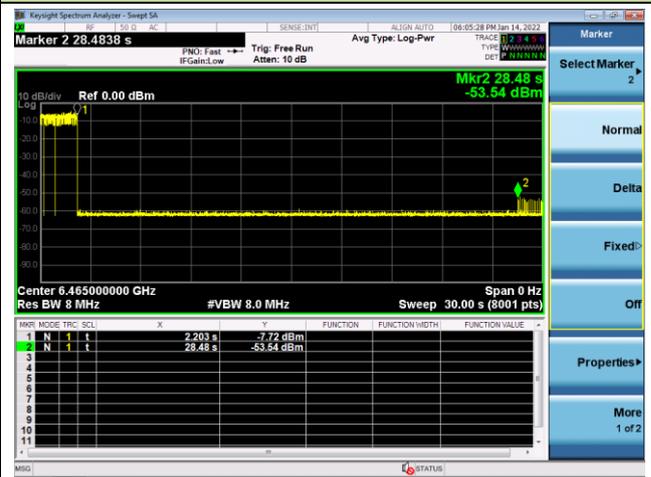
802.11ax-HE80 / CH103 (Low Edge)



802.11ax-HE80 / CH103 (Middle)



802.11ax-HE80 / CH103 (High Edge)



Note: M1: Injection of AWGN Signal, M2: Removal of AWGN Signal.