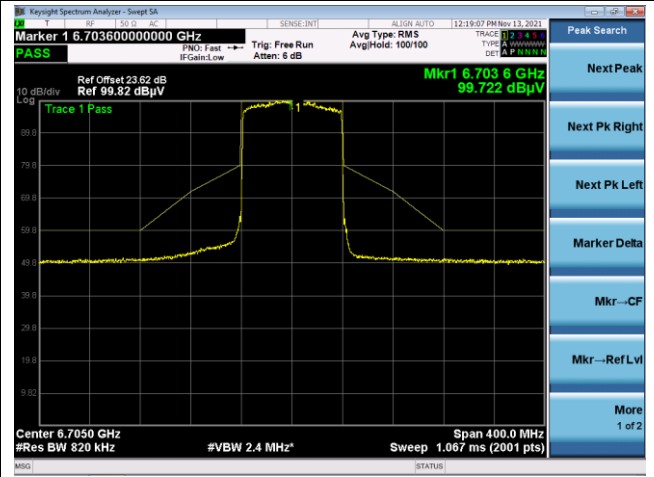
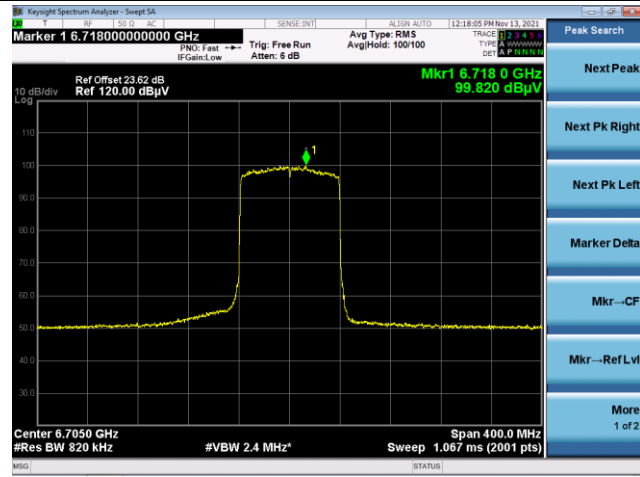


802.11ax-HE80

Channel 151 (6705MHz)

The Reference Level

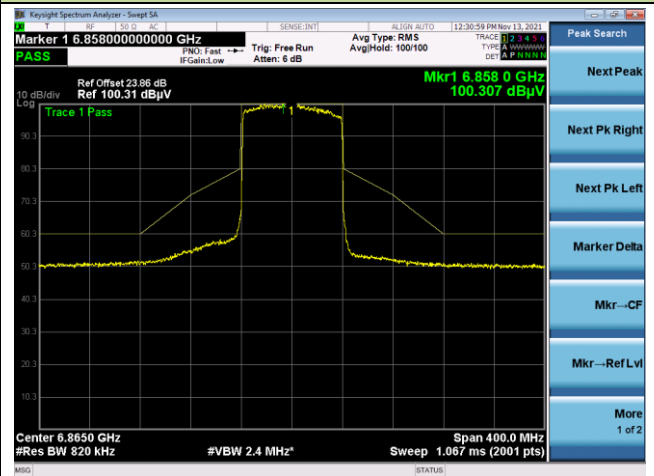
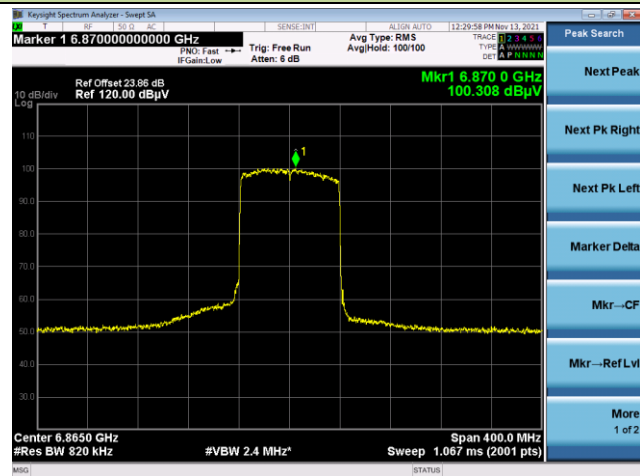
The Mask Data



Channel 183 (6865MHz)

The Reference Level

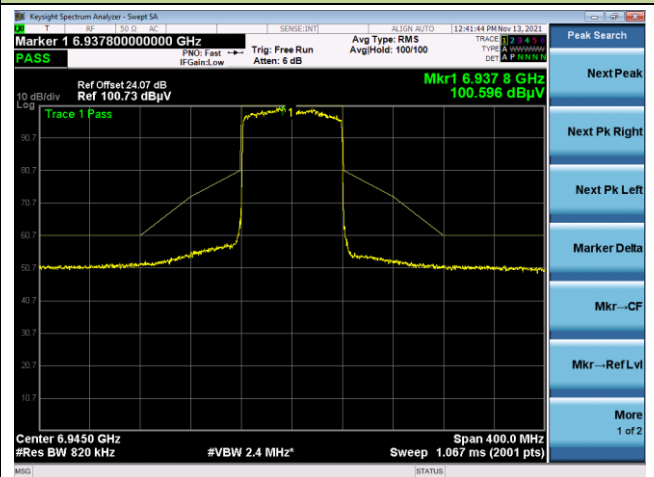
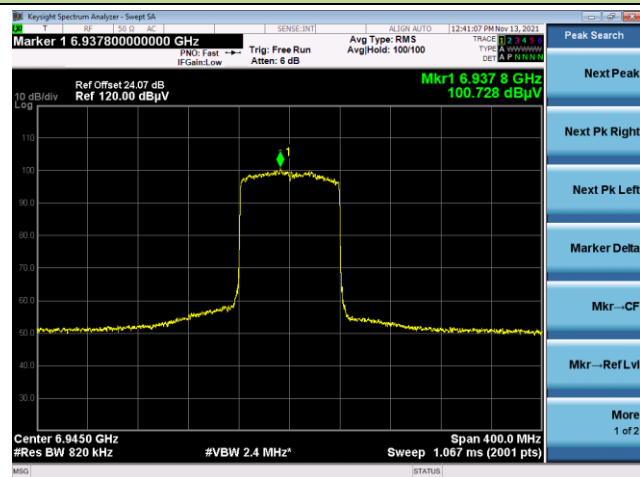
The Mask Data

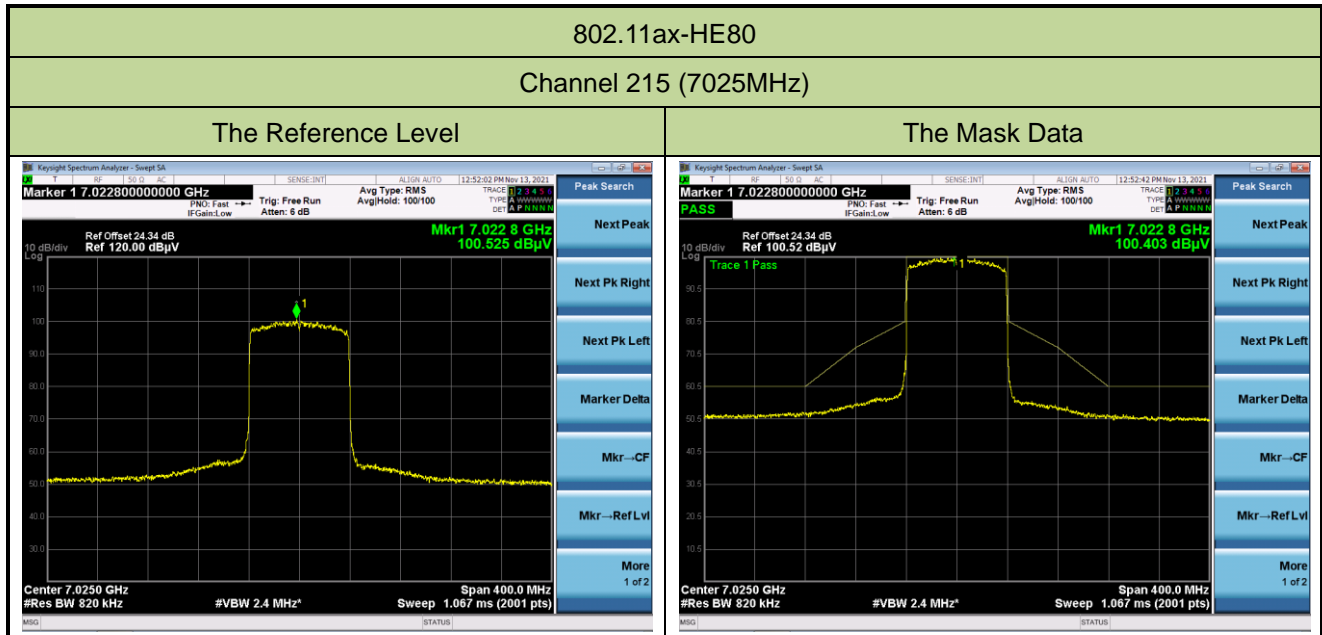


Channel 199 (6945MHz)

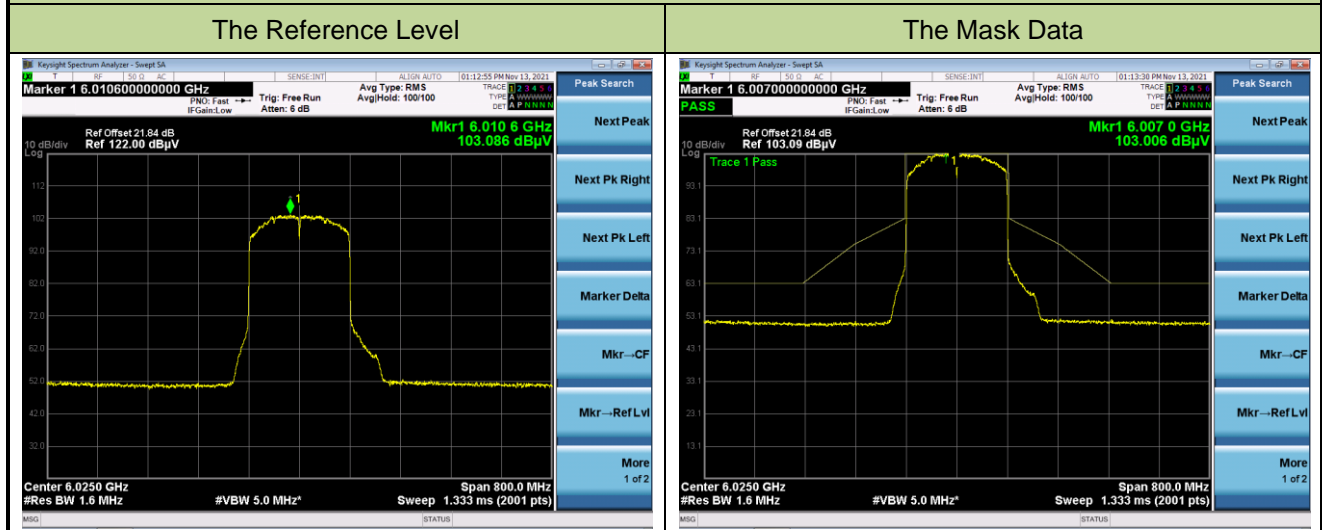
The Reference Level

The Mask Data

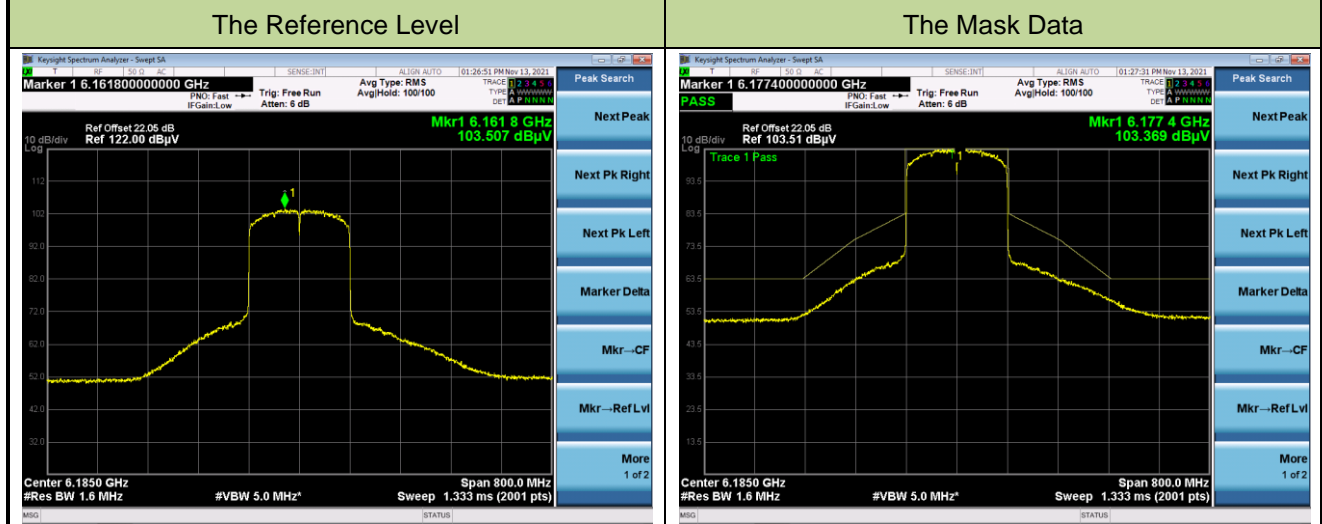




802.11ax-HE160
Channel 15 (6025MHz)



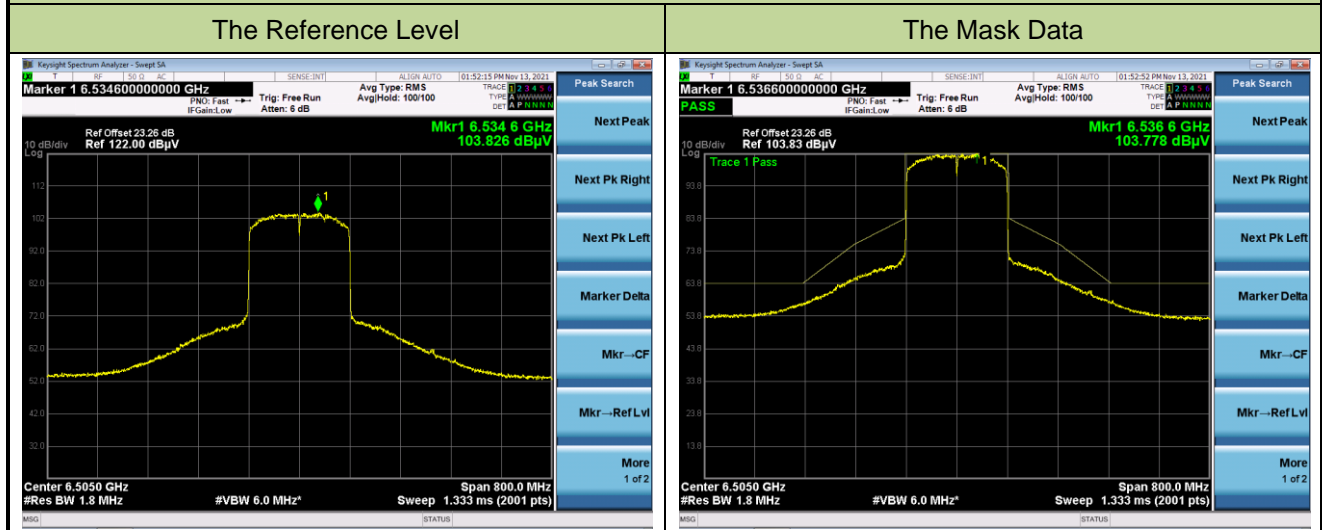
Channel 47 (6185MHz)



Channel 79 (6345MHz)



802.11ax-HE160
Channel 111 (6505MHz)

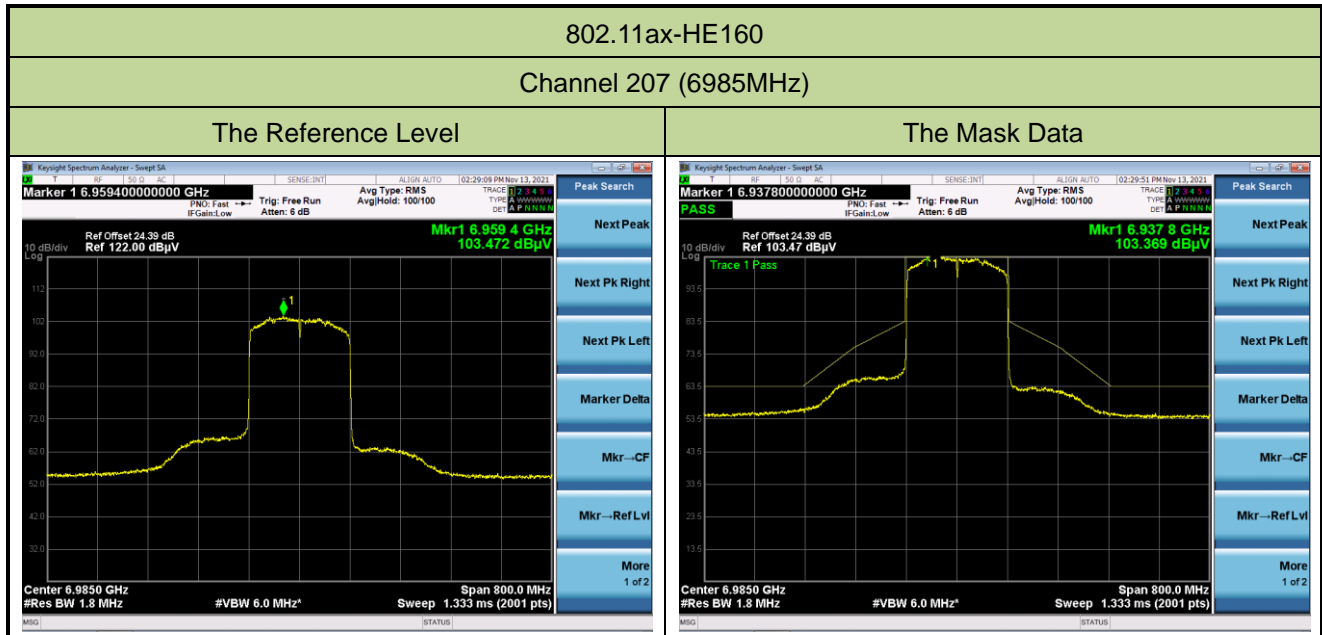


Channel 143 (6665MHz)



Channel 175 (6825MHz)





A.6 Frequency Stability Test Result

Test Site	WZ-TR3	Test Engineer	Liz Yuan
Test Date	2022/01/26		
Test Mode	5955MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100	120	- 30	14.09	20.29	12.97	8.09
		- 20	14.27	12.75	20.30	9.36
		- 10	14.39	20.31	12.95	9.64
		0	20.27	12.79	20.31	6.96
		+ 10	13.34	20.31	12.83	7.81
		+ 20 (Ref)	20.27	12.85	20.31	11.34
		+ 30	13.66	20.31	9.94	11.74
		+ 40	20.28	12.99	10.32	7.41
		+ 50	13.79	20.31	10.65	12.04
115	138	+ 20	20.28	12.60	11.00	12.34
85	102	+ 20	13.94	20.31	7.12	6.95

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

A.7 Contention Based Protocol Test Result

Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2022/02/24		

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	-63	10	100	90	Pass
47	160	6185	6110	-63	10	100	90	Pass
47	160	6185	6185	-63	10	100	90	Pass
47	160	6185	6260	-65	10	100	90	Pass
Operation Band: U-NII 6								
97	20	6435	6435	-61	10	100	90	Pass
103	80	6465	6430	-60	10	100	90	Pass
103	80	6465	6465	-69	10	100	90	Pass
103	80	6465	6500	-62	10	100	90	Pass
Operation Band: U-NII 7								
153	20	6715	6715	-60	10	100	90	Pass
143	160	6665	6590	-62	10	100	90	Pass
143	160	6665	6665	-64	10	100	90	Pass
143	160	6665	6740	-62	10	100	90	Pass
Operation Band: U-NII 8								
213	20	7015	7015	-60	10	100	90	Pass
207	160	6985	6910	-67	10	100	90	Pass
207	160	6985	6985	-62	10	100	90	Pass
207	160	6985	7060	-63	10	100	90	Pass

Note: Refer to KDB 987594 D02 U-NII 6GHz EMC Measurement v01r01 Clause I), the -62dBm threshold is referenced to 0dBi antenna gain. The AWGN level (dBm) had take account for antenna gain if -62dBm or less detection failure. Wi-Fi 6E antenna gain = 3.97dBi, so the worst threshold level = -62 dBm + 3.97dBi = -58.03 dBm.

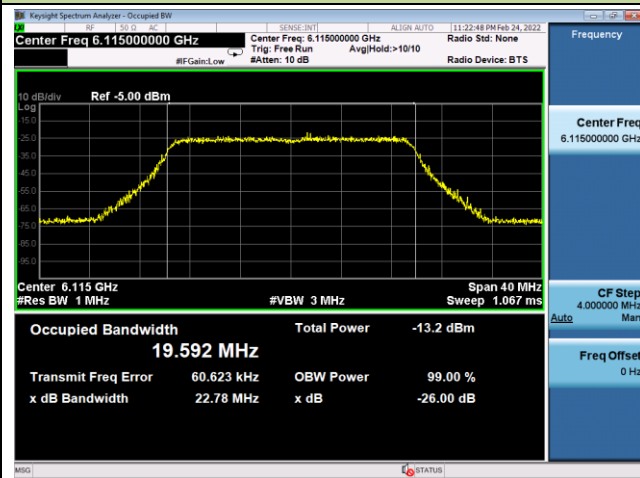
Test Site	WZ-SR5	Test Engineer	Liz Yuan
Test Date	2022/02/24		

Test Channel	Bandwidth (MHz)	Freq. (MHz)	Interference Freq. (MHz)	AWGN Level (dBm)	EUT Status
Operation Band: U-NII 5					
33	20	6115	6115	-63	Ceased
				-64	Minimal
47	160	6185	6110	-63	Ceased
				-64	Minimal
47	160	6185	6185	-63	Ceased
				-64	Minimal
47	160	6185	6260	-65	Ceased
				-66	Minimal
Operation Band: U-NII 6					
97	20	6435	6435	-61	Ceased
				-62	Minimal
103	80	6465	6430	-60	Ceased
				-61	Minimal
103	80	6465	6465	-69	Ceased
				-70	Minimal
103	80	6465	6500	-62	Ceased
				-63	Minimal
Operation Band: U-NII 7					
153	20	6715	6715	-60	Ceased
				-61	Minimal
143	160	6665	6590	-62	Ceased
				-63	Minimal
143	160	6665	6665	-64	Ceased
				-65	Minimal
143	160	6665	6740	-62	Ceased
				-63	Minimal

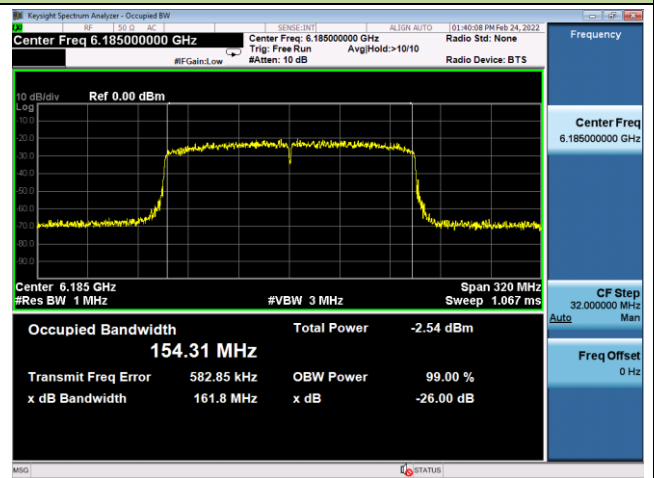
Test Channel	Bandwidth (MHz)	Freq. (MHz)	Interference Freq. (MHz)	AWGN Level (dBm)	EUT Status
Operation Band: U-NII 8					
213	20	7015	7015	-60	Ceased
				-61	Minimal
207	160	6985	6910	-67	Ceased
				-68	Minimal
207	160	6985	6985	-62	Ceased
				-63	Minimal
207	160	6985	7060	-63	Ceased
				-64	Minimal

EUT Tx Waveform

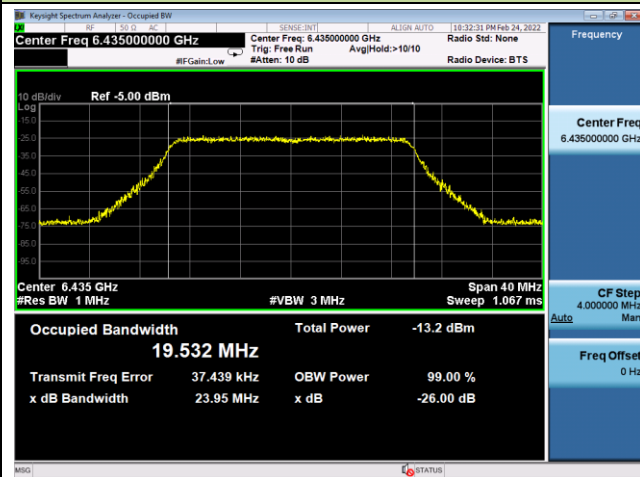
802.11ax-HE20 / CH33



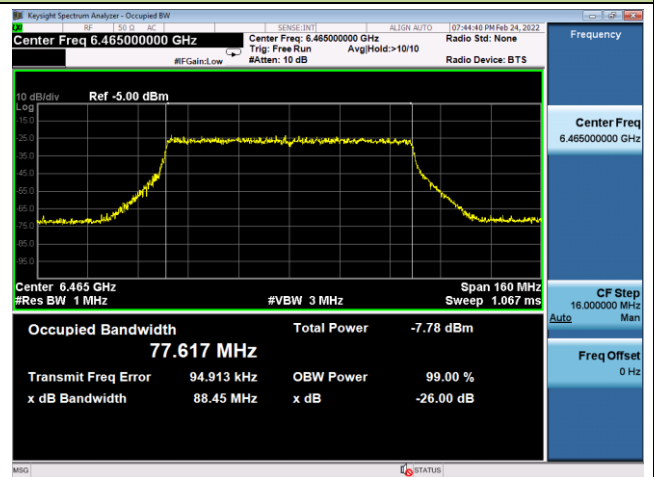
802.11ax-HE160 / CH47



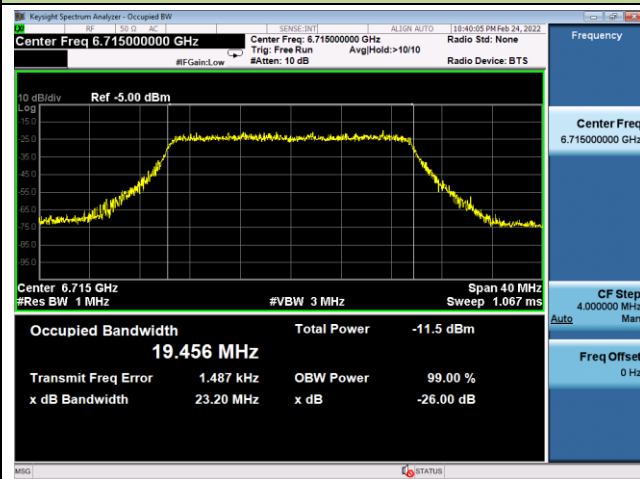
802.11ax-HE20 / CH97



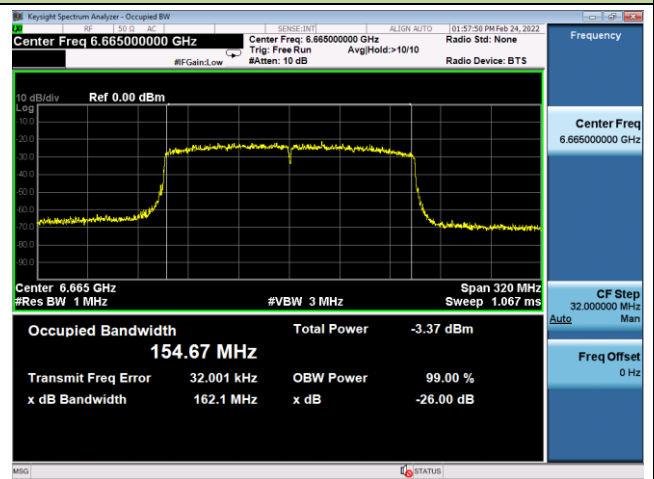
802.11ax-HE80 / CH103

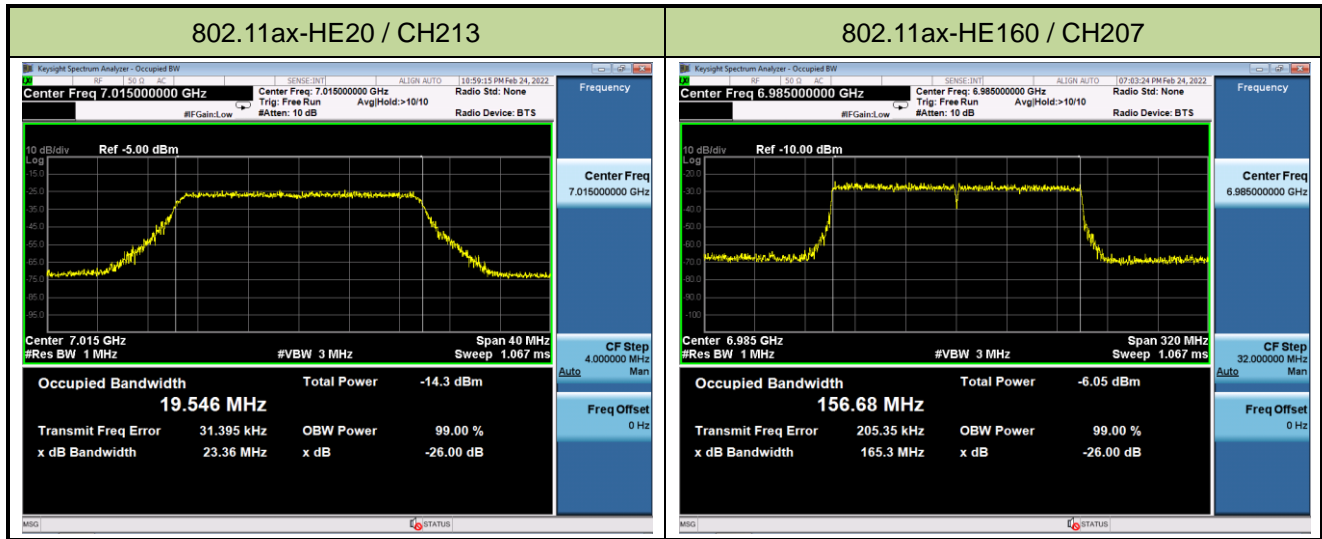


802.11ax-HE20 / CH153



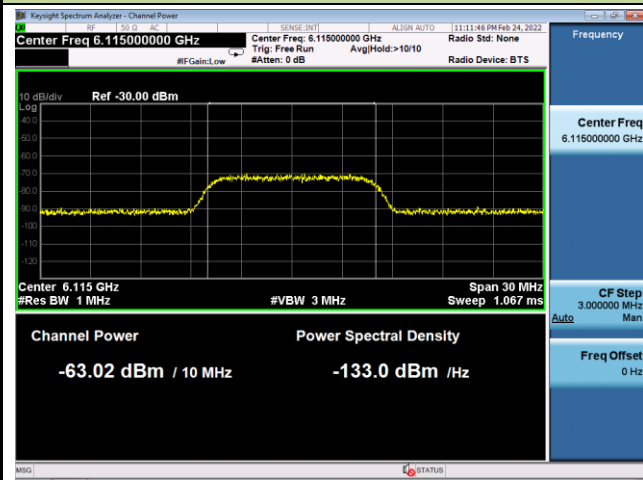
802.11ax-HE160 / CH143





Incumbent Signal Calibration Plots (NII-5 Band)

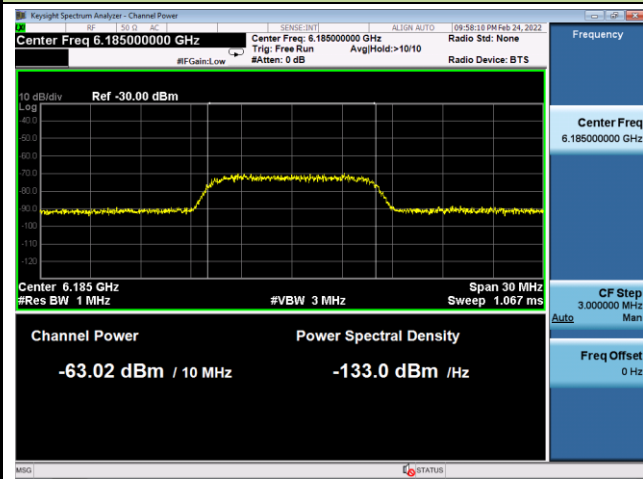
802.11ax-HE20 / CH33



802.11ax-HE160 / CH47 (Low Edge)



802.11ax-HE160 / CH47 (Middle)

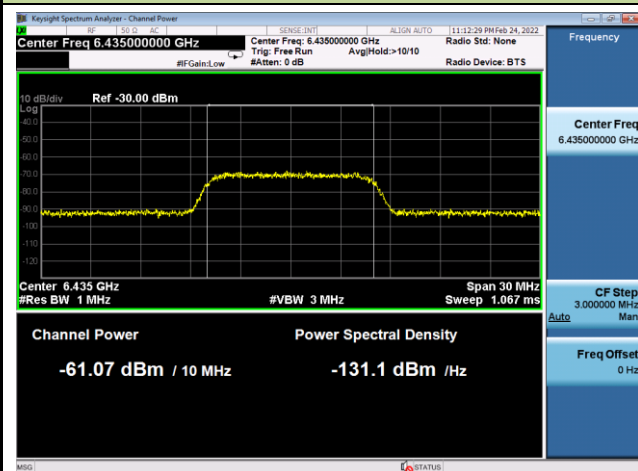


802.11ax-HE160 / CH47 (High Edge)

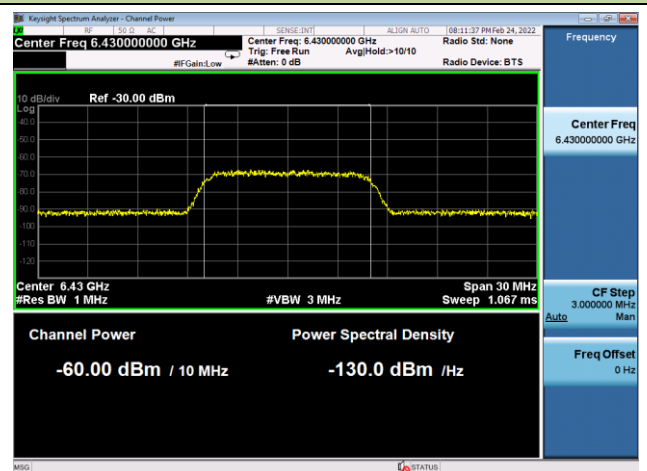


Incumbent Signal Calibration Plots (NII-6 Band)

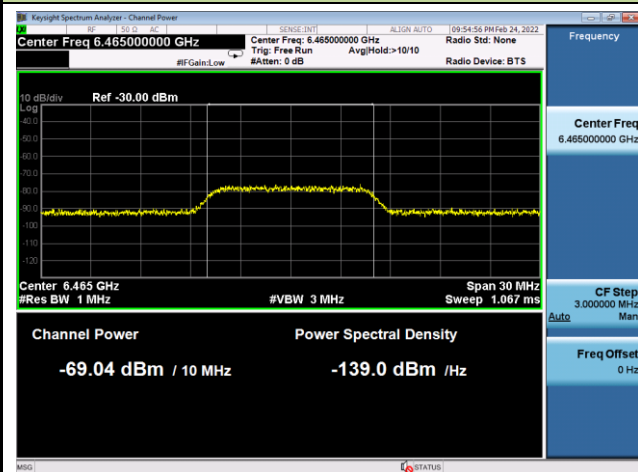
802.11ax-HE20 / CH97



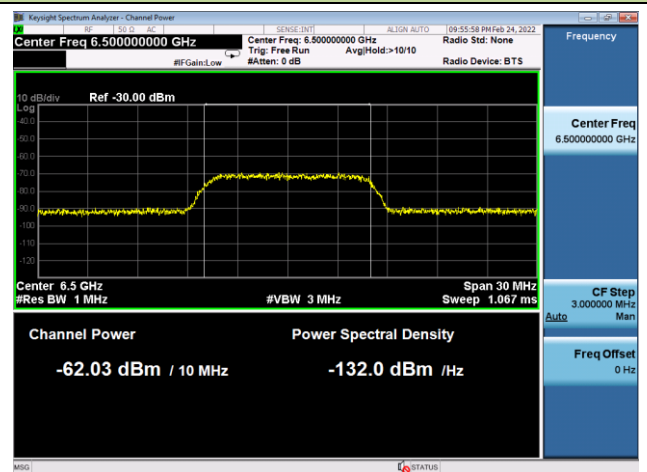
802.11ax-HE80 / CH103 (Low Edge)



802.11ax-HE80 / CH103 (Middle)

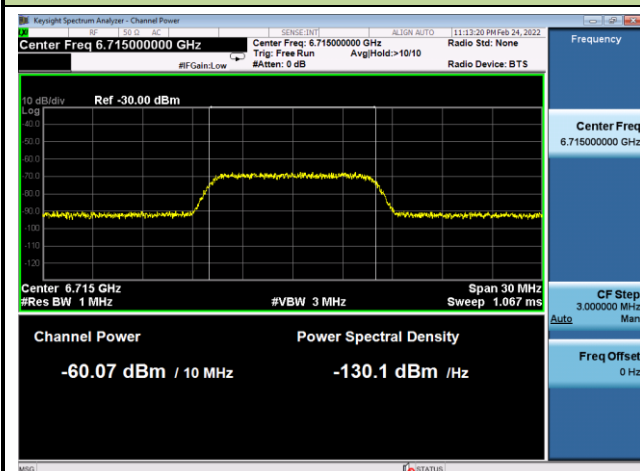


802.11ax-HE80 / CH103 (High Edge)

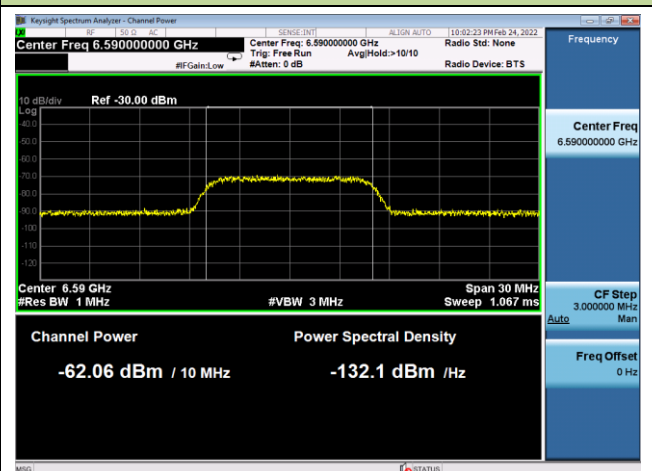


Incumbent Signal Calibration Plots (NII-7 Band)

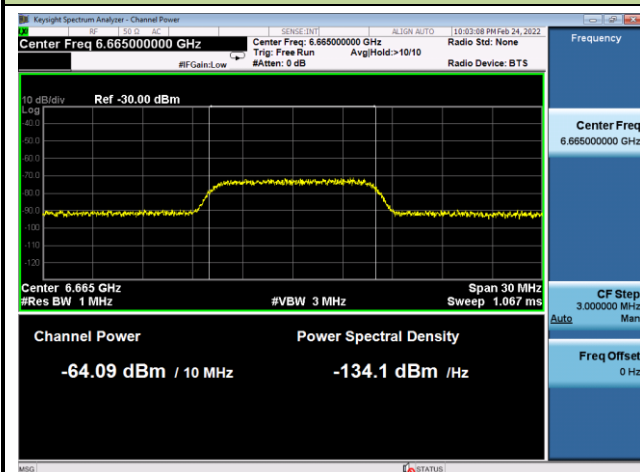
802.11ax-HE20 / CH153



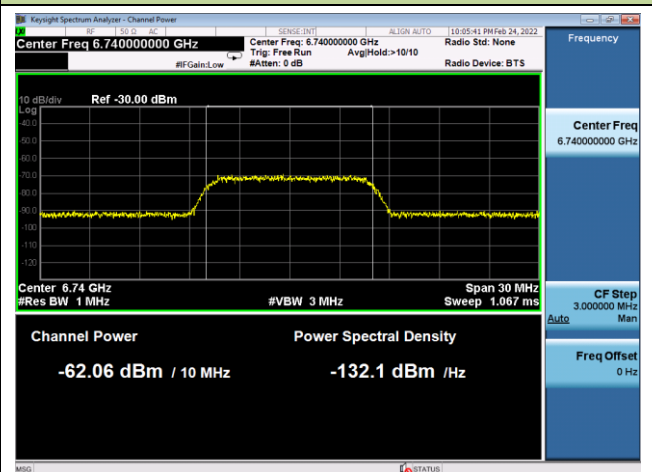
802.11ax-HE160 / CH143 (Low Edge)



802.11ax-HE160 / CH143 (Middle)

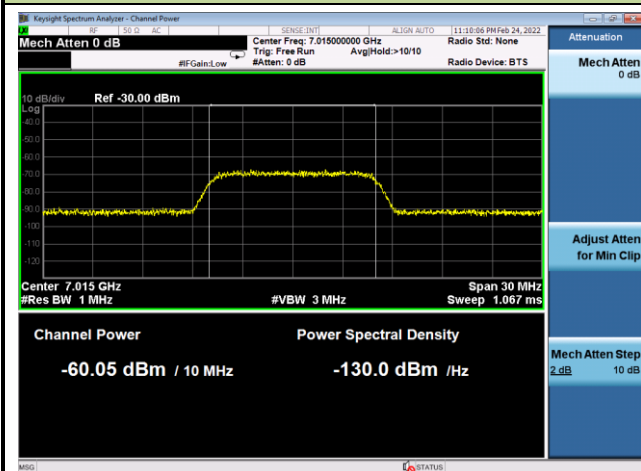


802.11ax-HE160 / CH143 (High Edge)

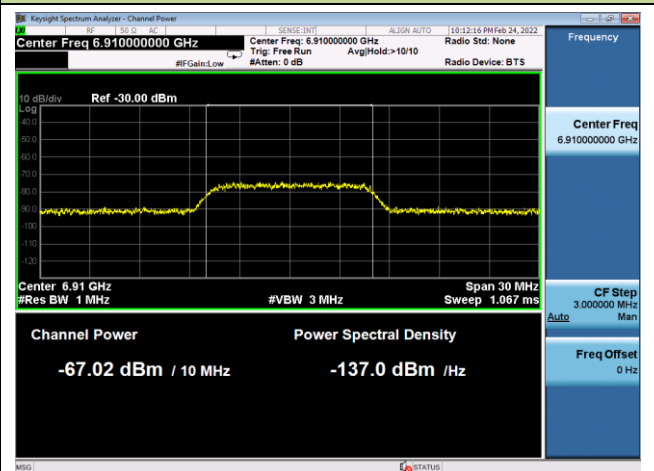


Incumbent Signal Calibration Plots (NII-8 Band)

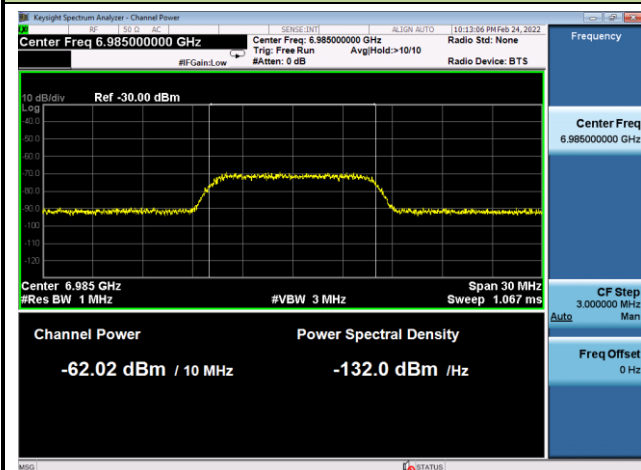
802.11ax-HE20 / CH213



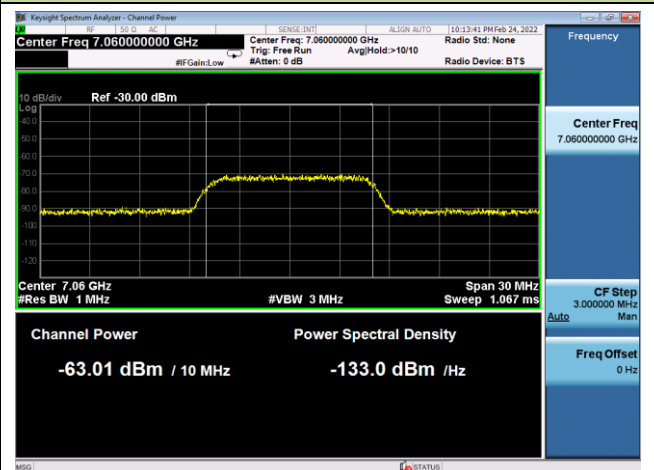
802.11ax-HE160 / CH207 (Low Edge)



802.11ax-HE160 / CH207 (Middle)

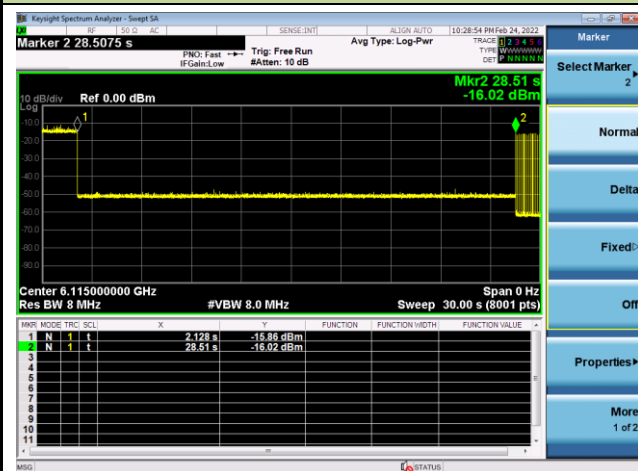


802.11ax-HE160 / CH207 (High Edge)

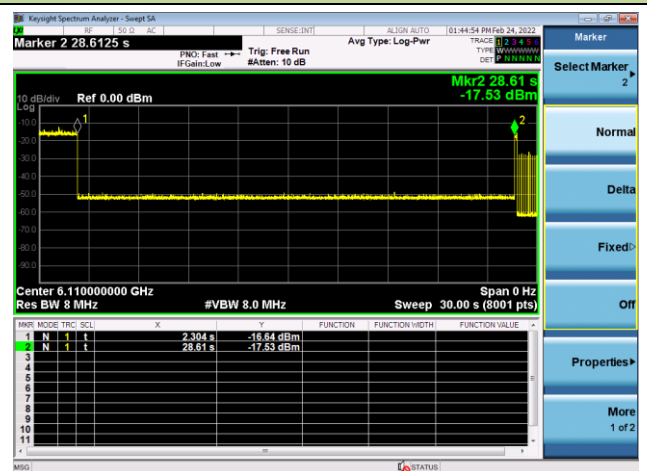


Test Result of EUT ceased transmission (NII-5 Band)

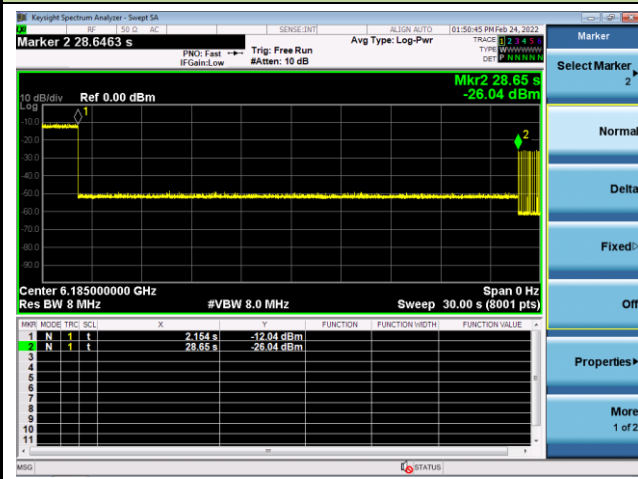
802.11ax-HE20 / CH33



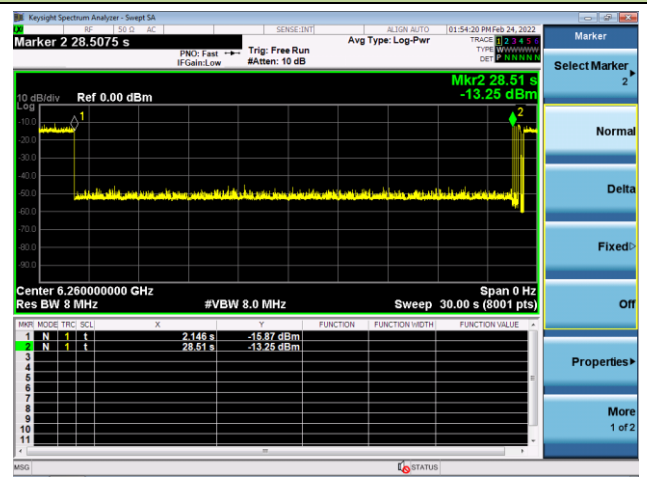
802.11ax-HE160 / CH47 (Low Edge)



802.11ax-HE160 / CH47 (Middle)

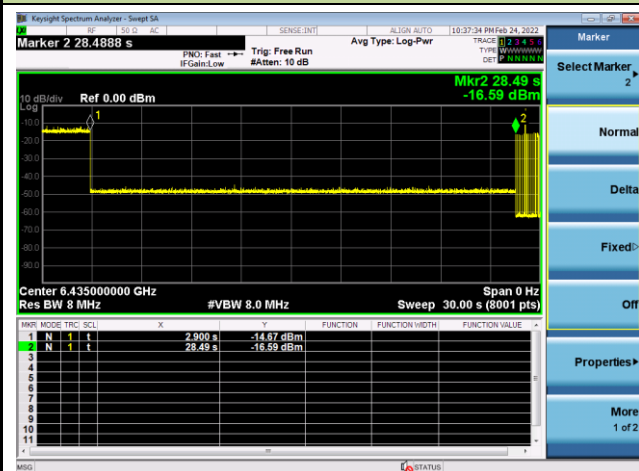


802.11ax-HE160 / CH47 (High Edge)

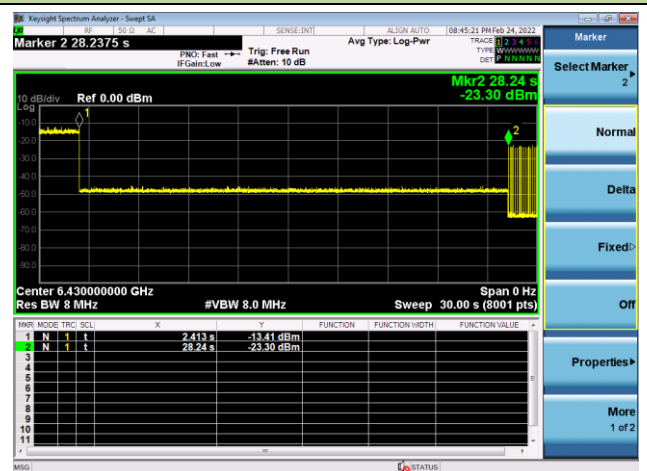


Test Result of EUT ceased transmission (NII-6 Band)

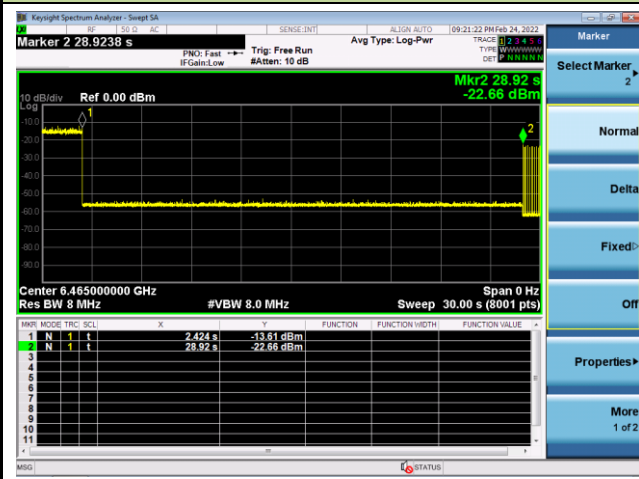
802.11ax-HE20 / CH97



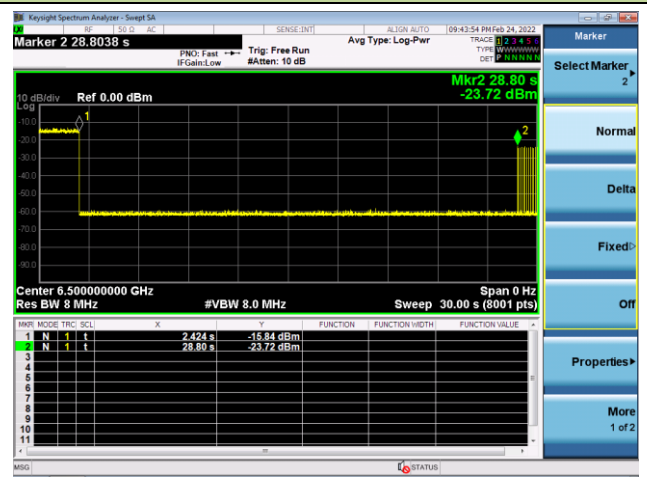
802.11ax-HE80 / CH103 (Low Edge)



802.11ax-HE80 / CH103 (Middle)

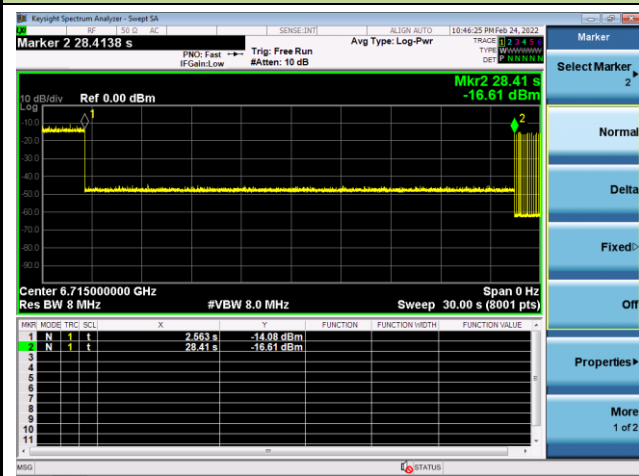


802.11ax-HE80 / CH103 (High Edge)

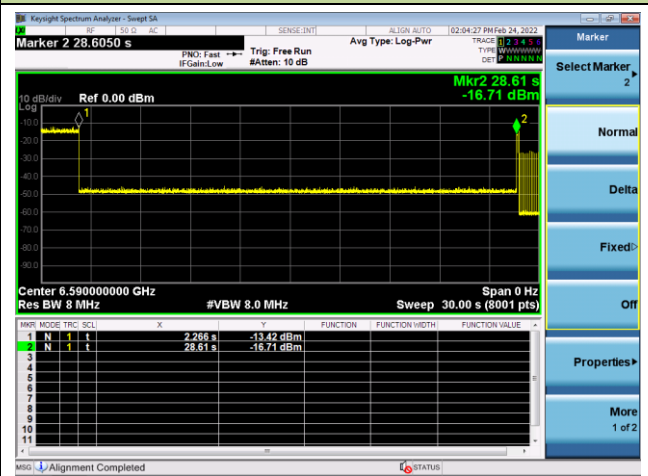


Test Result of EUT ceased transmission (NII-7 Band)

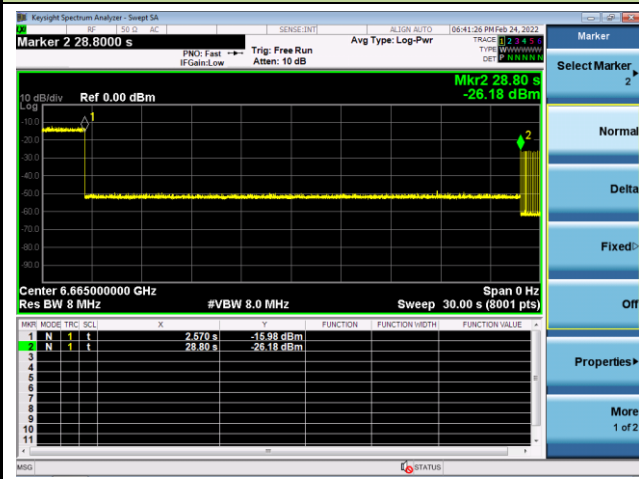
802.11ax-HE20 / CH153



802.11ax-HE160 / CH143 (Low Edge)



802.11ax-HE160 / CH143 (Middle)



802.11ax-HE160 / CH143 (High Edge)

