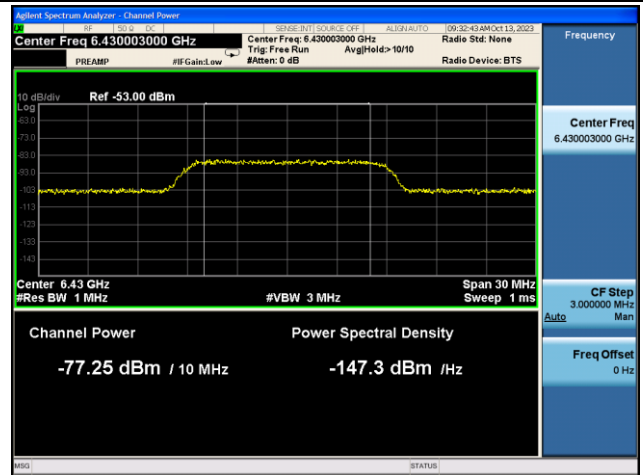
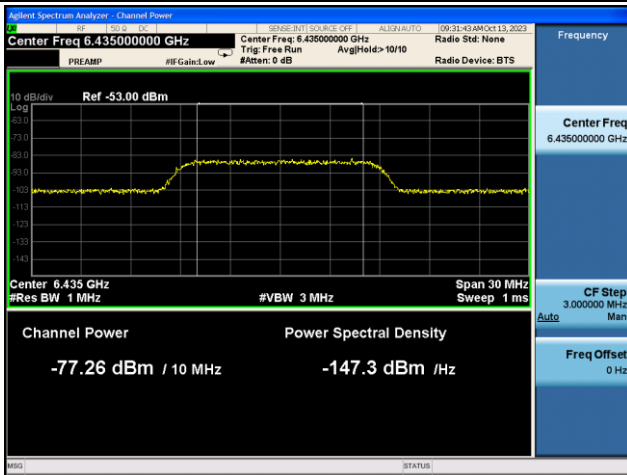


AWGN Signal Level (at Antenna Port) Calibration Plots (NII-6 Band) _Master

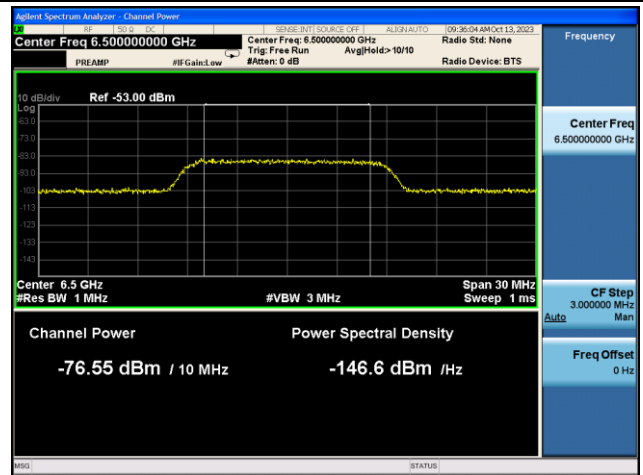
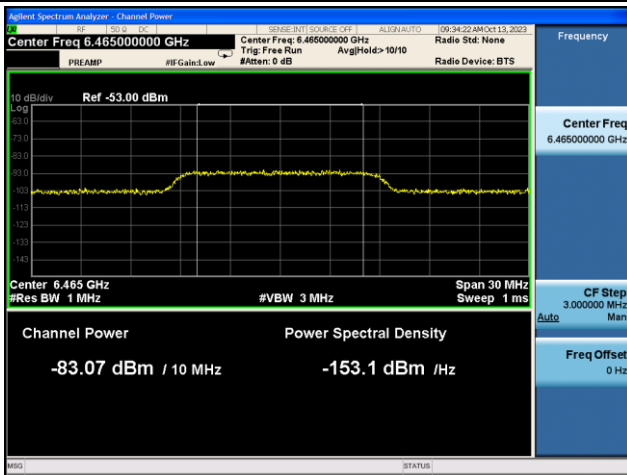
802.11 be-HET20 / CH97

802.11 be-HET320 / CH95 (Low Edge)



802.11 be-HET320 / CH95 (Middle)

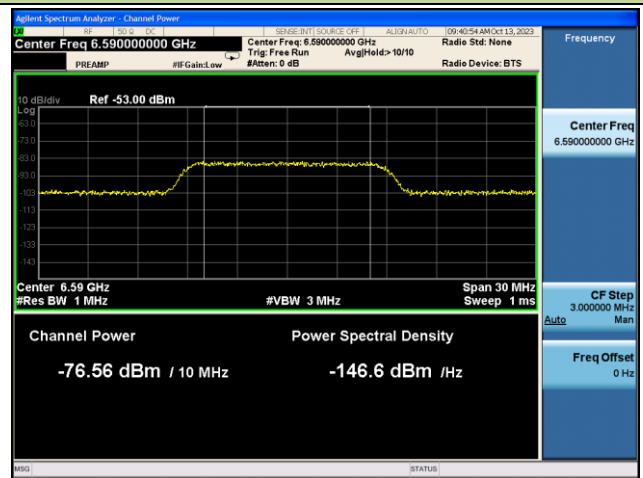
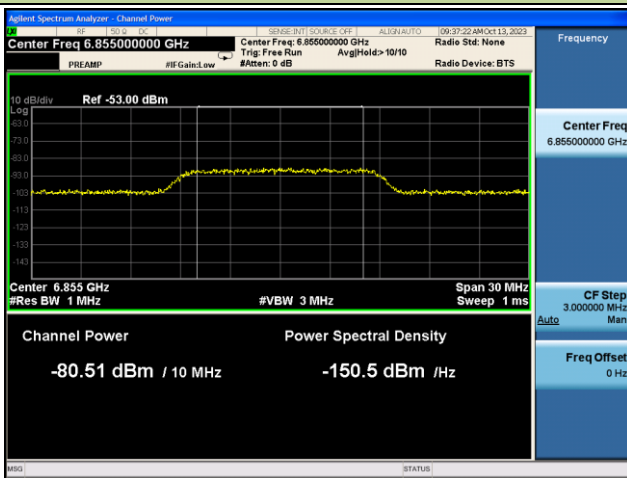
802.11 be-HET320 / CH95 (High Edge)



AWGN Signal Level (at Antenna Port) Calibration Plots (NII-7 Band) _Master

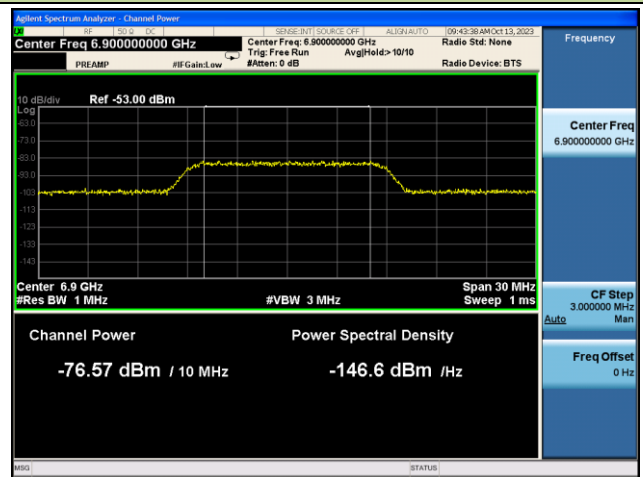
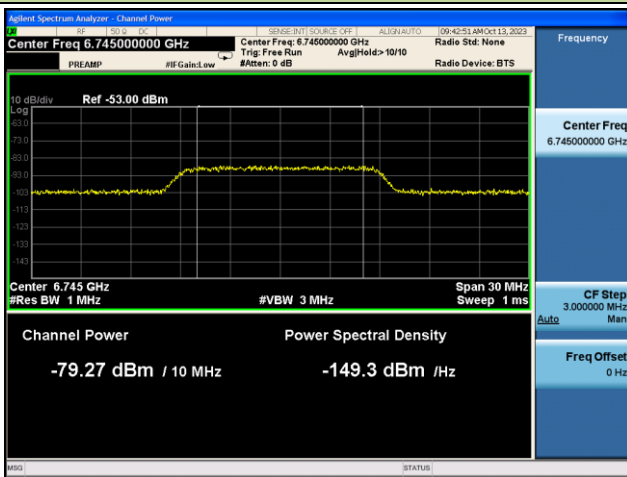
802.11 be-HET20 / CH153

802.11 be-HET320 / CH159 (Low Edge)



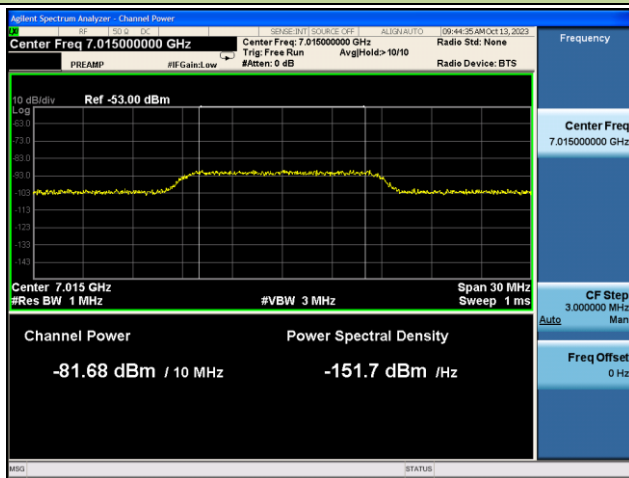
802.11 be-HET320 / CH159 (Middle)

802.11 be-HET320 / CH159 (High Edge)

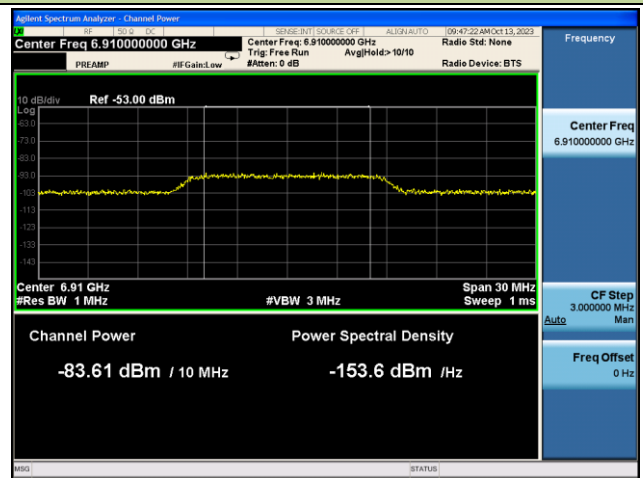


AWGN Signal Level (at Antenna Port) Calibration Plots (NII-8 Band) _Master

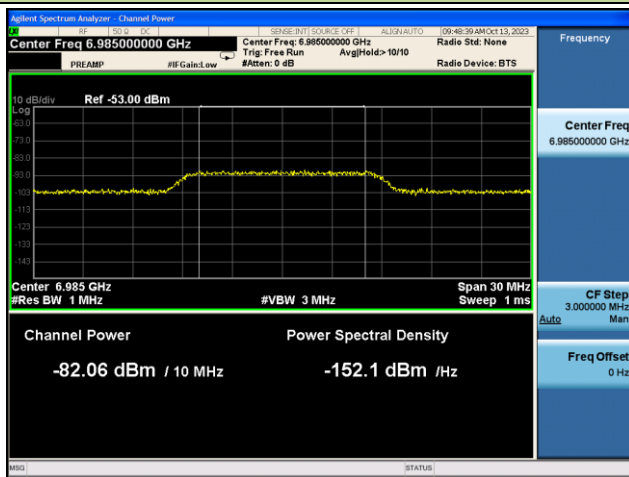
802.11 be-HET20 / CH213



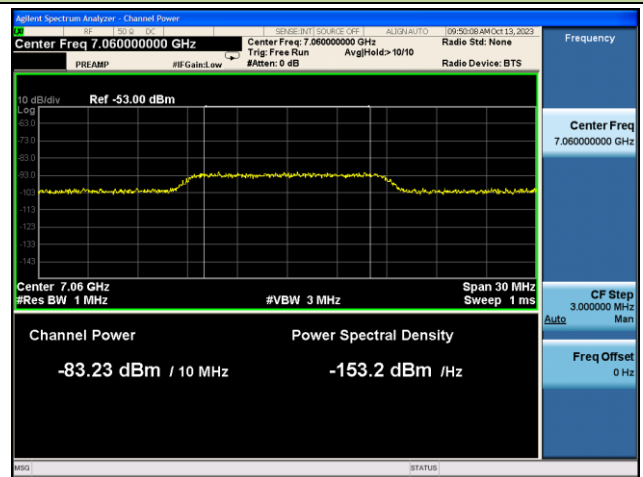
802.11 be-HET320 / CH191 (Low Edge)



802.11 be-HET320 / CH191 (Middle)



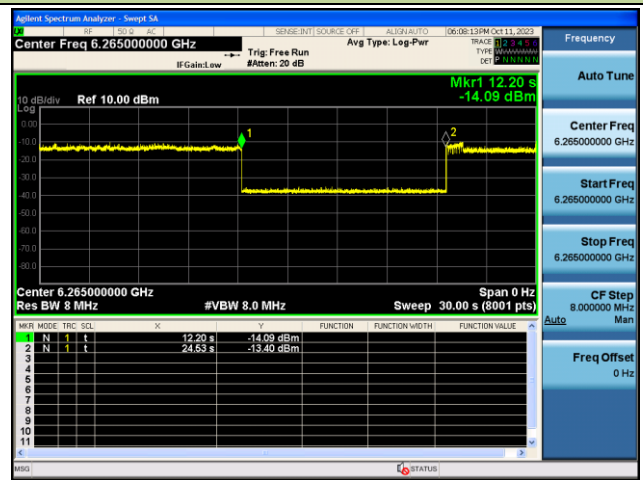
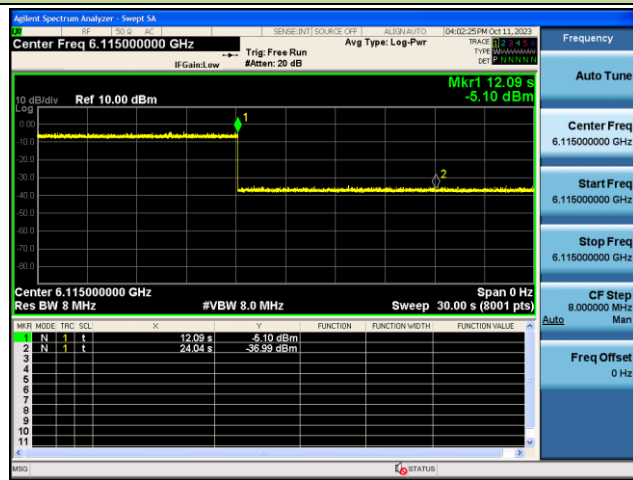
802.11 be-HET320 / CH191 (High Edge)



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

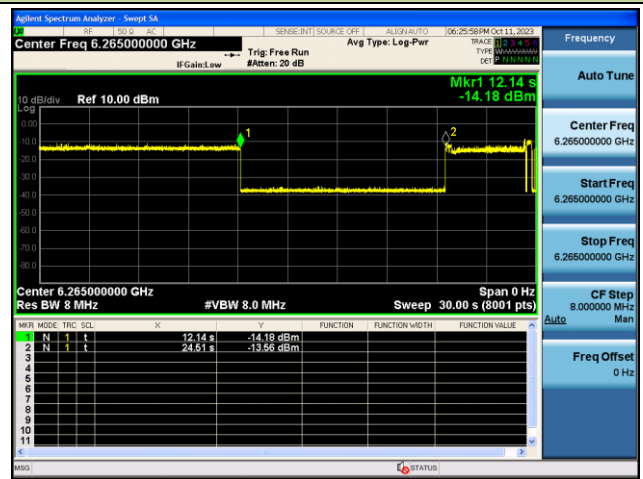
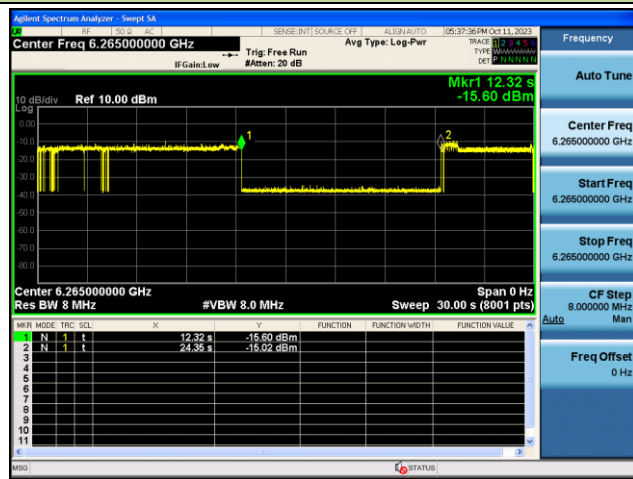
802.11 be-HET20 / CH33

802.11be-HET 320 / CH63 (Low Edge)



802.11be-HET320 / CH63 (Middle)

802.11be-HET320 / CH63 (High Edge)

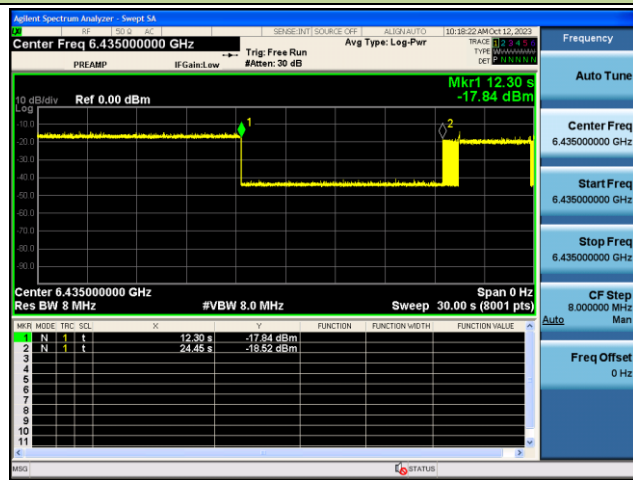


Note – M1: Injection of AWGN Signal, M2: Removal of AWGN Signal

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

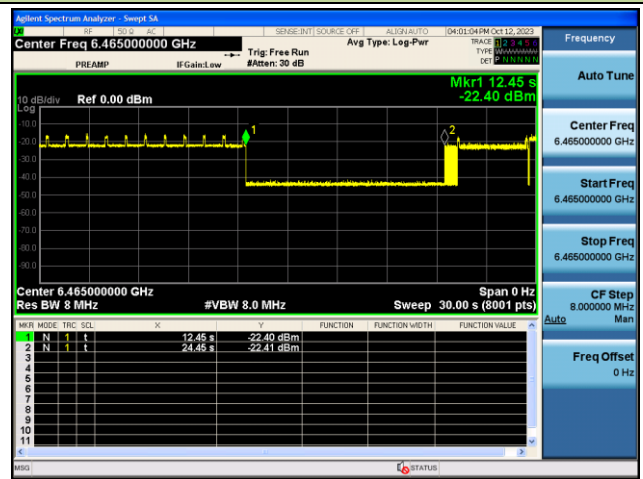
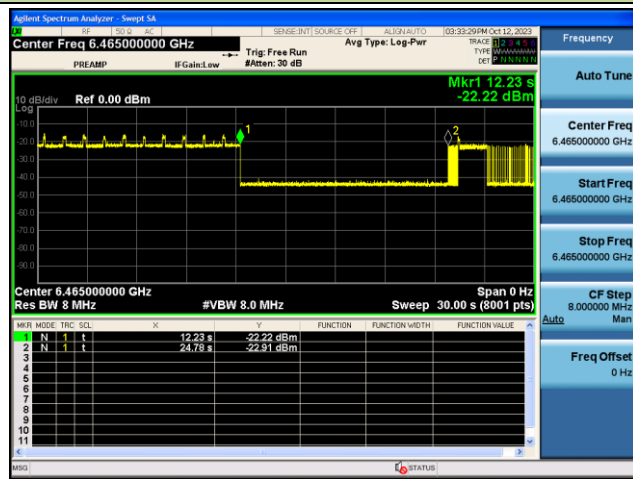
802.11be-HET20 / CH97

802.11be-HET320 / CH95 (Low Edge)



802.11be-HET320 / CH95 (Middle)

802.11be-HET320 / CH95 (High Edge)

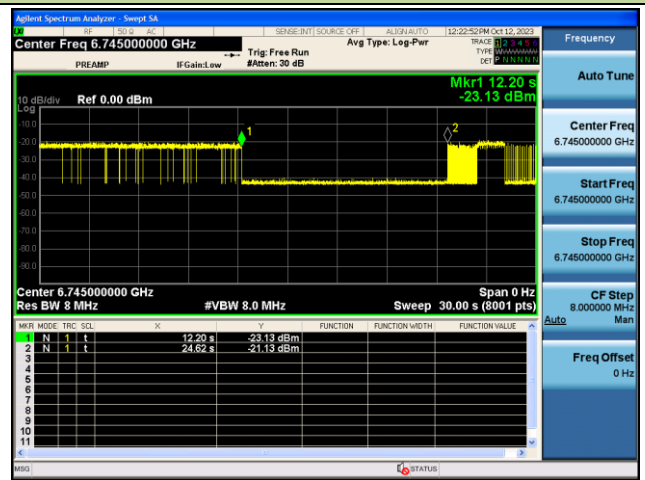
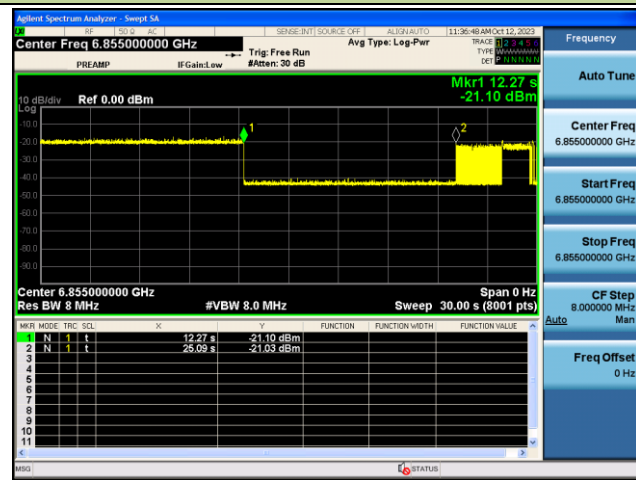


Note – M1: Injection of AWGN Signal, M2: Removal of AWGN Signal

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

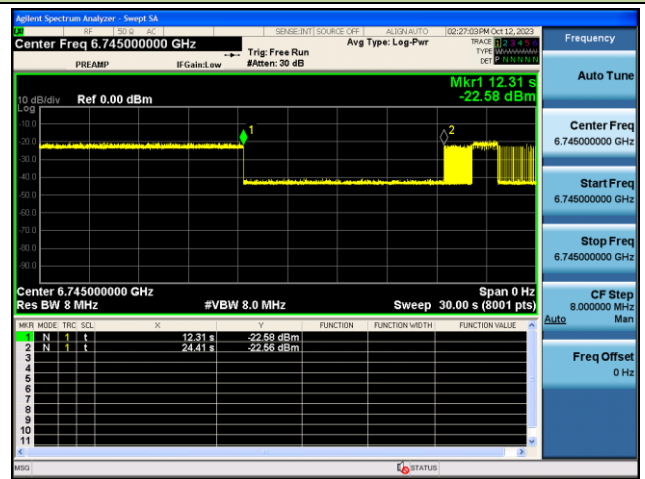
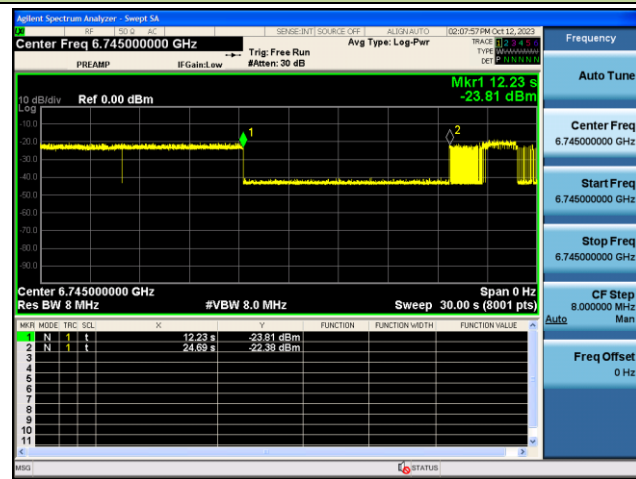
802.11be-HET20 / CH153

802.11be-HET320 / CH159 (Low Edge)



802.11be-HET320 / CH159 (Middle)

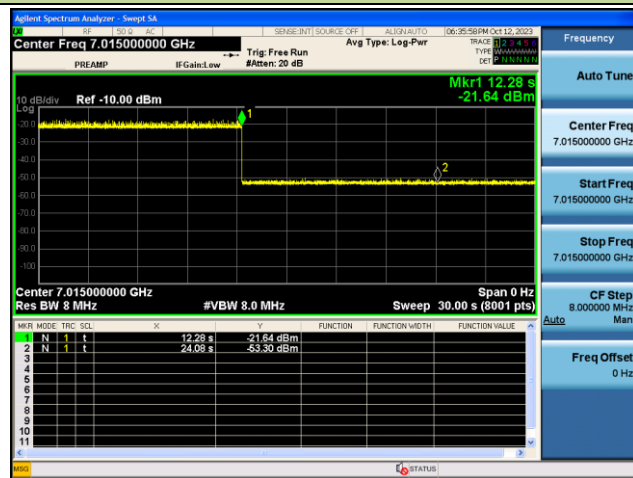
802.11be-HET320 / CH159 (High Edge)



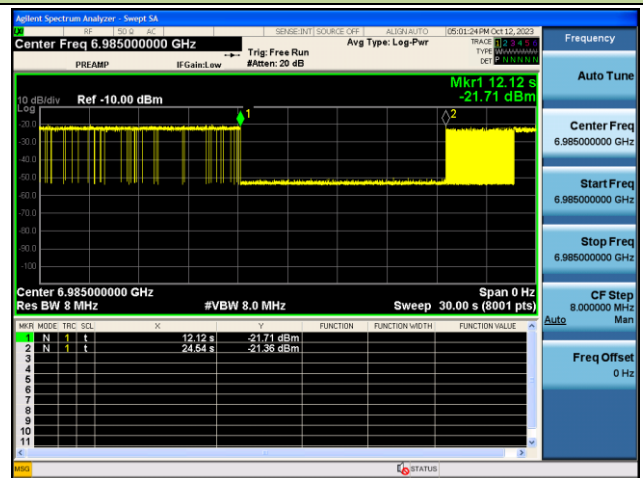
Note – M1: Injection of AWGN Signal, M2: Removal of AWGN Signal

Test Result of EUT ceased transmission (NII-8 Band) _Master

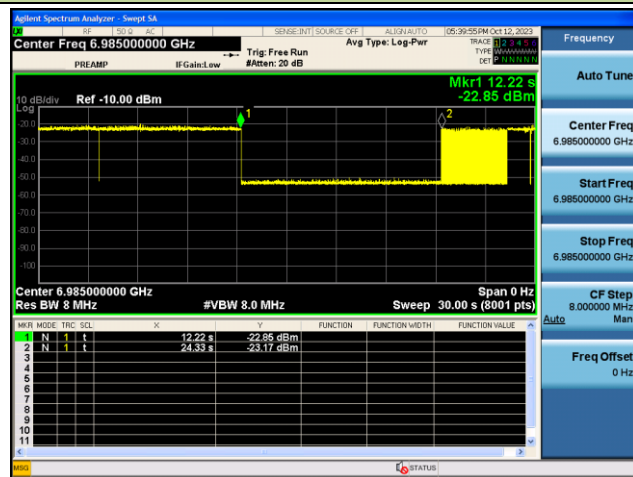
802.11be-HET20 / CH213



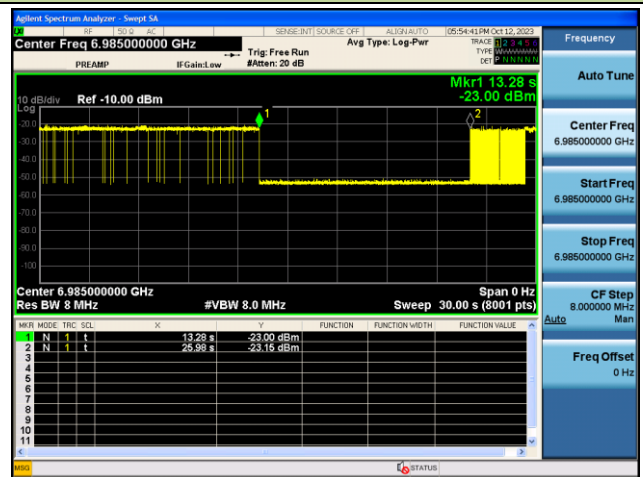
802.11be-HET320 / CH191 (Low Edge)



802.11be-HET320 / CH191 (Middle)



802.11be-HET320 / CH191 (High Edge)



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

Test Site	SR5	Test Engineer	Parker
Test Mode	Easy Mesh	Test Date	2023/10/17

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	-64.3	3.10	-67.40	≤ -62.0	10	100	90	Pass
63	320	6265	6110	-66.1	3.10	-69.20	≤ -62.0	10	100	90	Pass
63	320	6265	6265	-64.8	3.10	-67.90	≤ -62.0	10	100	90	Pass
63	320	6265	6420	-66.8	3.10	-69.90	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 6											
97	20	6435	6435	-65.7	3.04	-68.74	≤ -62.0	10	100	90	Pass
103	80	6465	6430	-65.8	3.04	-68.84	≤ -62.0	10	100	90	Pass
103	80	6465	6465	-69.7	3.04	-72.74	≤ -62.0	10	100	90	Pass
103	80	6465	6500	-65.8	3.04	-68.84	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 7											
181	20	6855	6855	-69.8	3.29	-73.09	≤ -62.0	10	100	90	Pass
159	320	6745	6590	-64.5	3.29	-67.79	≤ -62.0	10	100	90	Pass
159	320	6745	6745	-66.2	3.29	-69.49	≤ -62.0	10	100	90	Pass
159	320	6745	6900	-64.5	3.29	-67.79	≤ -62.0	10	100	90	Pass
Operation Band: U-NII 8											
213	20	7015	7015	-67.5	3.44	-70.94	≤ -62.0	10	100	90	Pass
207	160	6985	6910	-68.2	3.44	-71.64	≤ -62.0	10	100	90	Pass
207	160	6985	6985	-68.2	3.44	-71.64	≤ -62.0	10	100	90	Pass
207	160	6985	7060	-68.2	3.44	-71.64	≤ -62.0	10	100	90	Pass

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

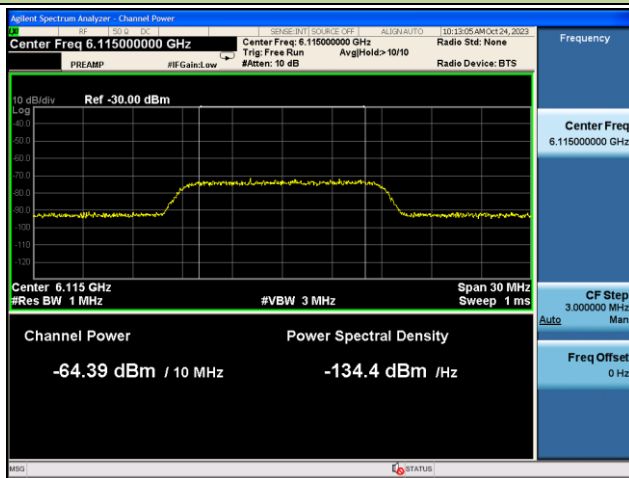
Note 2: Conducted measurements are used.

Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Tx Status
Operation Band: U-NII 5				
20	6115	6115	-93.10	ON
			-68.10	Minimal
			-67.40	OFF
320	6265	6110	-93.10	ON
			-70.10	Minimal
			-69.20	OFF
320	6265	6265	-93.10	ON
			-68.60	Minimal
			-67.90	OFF
320	6265	6420	-93.10	ON
			-70.60	Minimal
			-69.90	OFF
Operation Band: U-NII 6				
20	6435	6435	-93.04	ON
			-69.54	Minimal
			-68.74	OFF
80	6465	6430	-93.04	ON
			-69.54	Minimal
			-68.84	OFF
80	6465	6465	-93.04	ON
			-73.54	Minimal
			-72.74	OFF
80	6465	6500	-93.04	ON
			-70.54	Minimal
			-68.84	OFF

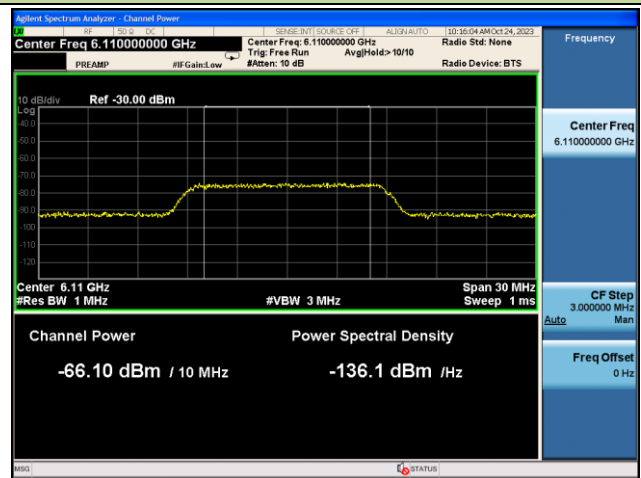
Bandwidth (MHz)	Freq. (MHz)	AWGN Freq. (MHz)	Adjust Power (dBm)	EUT Status
Operation Band: U-NII 7				
20	6695	6695	-93.29	ON
			-73.99	Minimal
			-73.09	OFF
320	6745	6590	-93.29	ON
			-68.49	Minimal
			-67.79	OFF
320	6745	6745	-93.29	ON
			-70.49	Minimal
			-69.49	OFF
320	6745	6900	-93.29	ON
			-68.79	Minimal
			-67.79	OFF
Operation Band: U-NII 8				
20	7015	7015	-93.44	ON
			-71.94	Minimal
			-70.94	OFF
160	6985	6910	-93.44	ON
			-72.64	Minimal
			-71.64	OFF
160	6985	6985	-93.44	ON
			-72.64	Minimal
			-71.64	OFF
160	6985	7060	-93.44	ON
			-72.64	Minimal
			-71.64	OFF
Note: 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				

AWGN Signal Level (at Antenna Port) Calibration Plots (NII-5 Band) _Easy Mesh

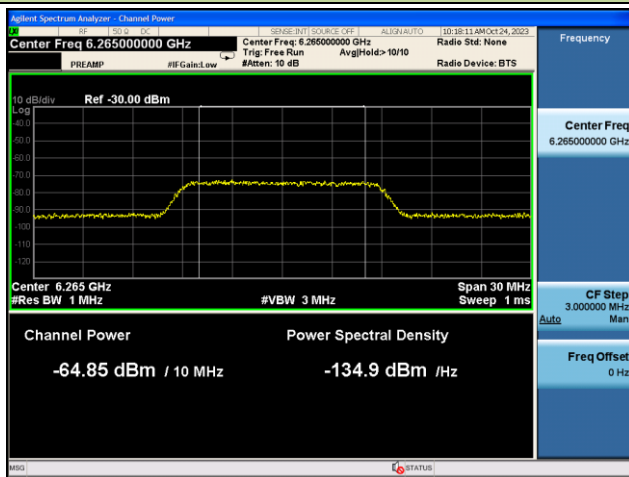
802.11be-HET20 / CH33



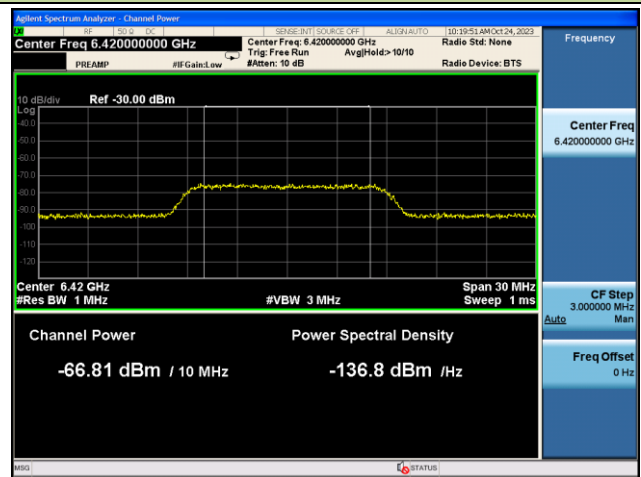
802.11 be-HET320 / CH63 (Low Edge)



802.11 be-HET320 / CH63 (Middle)

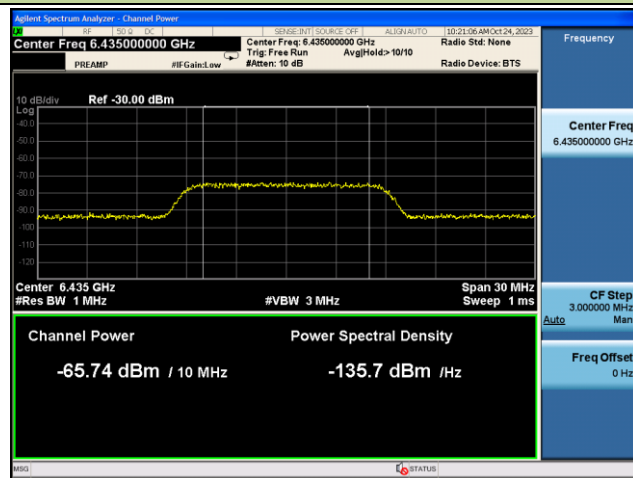


802.11 be-HET320 / CH63 (High Edge)

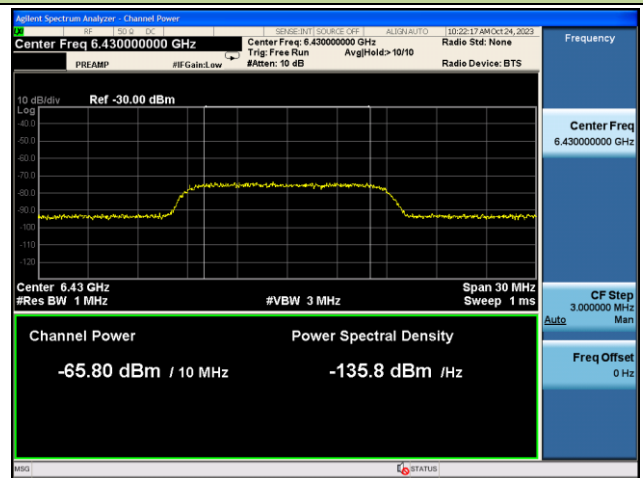


AWGN Signal Level (at Antenna Port) Calibration Plots (NII-6 Band) _Easy Mesh

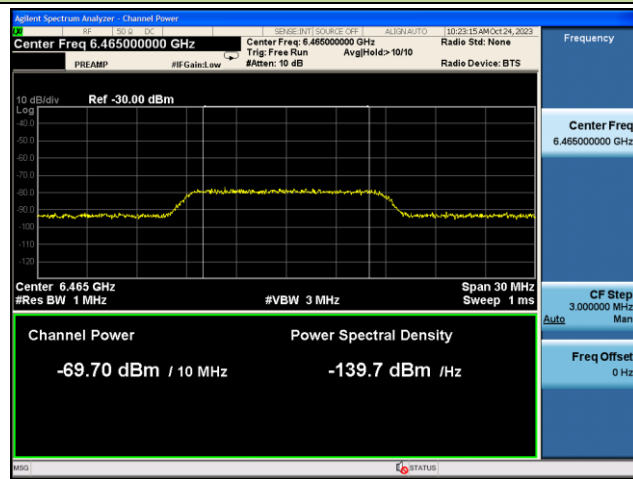
802.11 be-HET20 / CH97



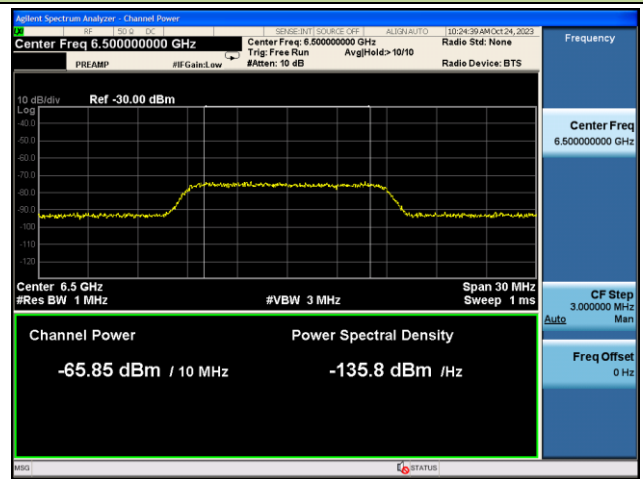
802.11 be-HET320 / CH95 (Low Edge)



802.11 be-HET320 / CH95 (Middle)

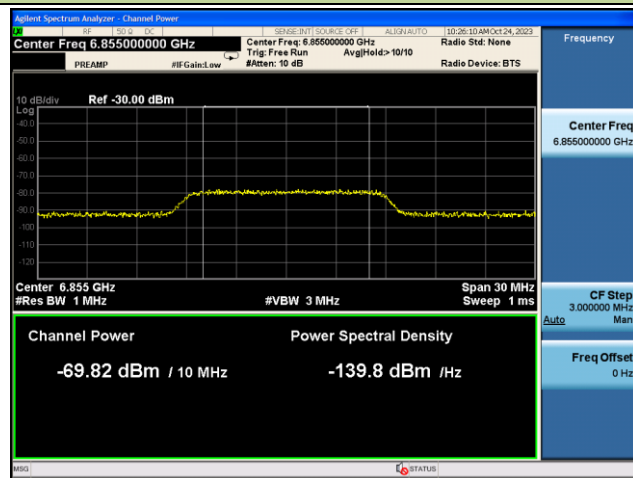


802.11 be-HET320 / CH95 (High Edge)

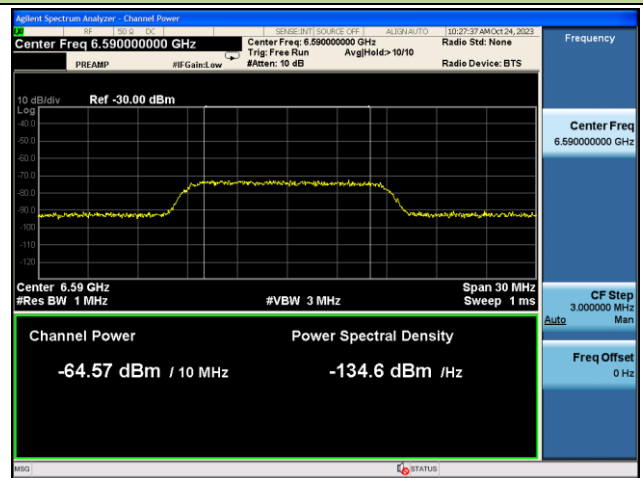


AWGN Signal Level (at Antenna Port) Calibration Plots (NII-7 Band) _Easy Mesh

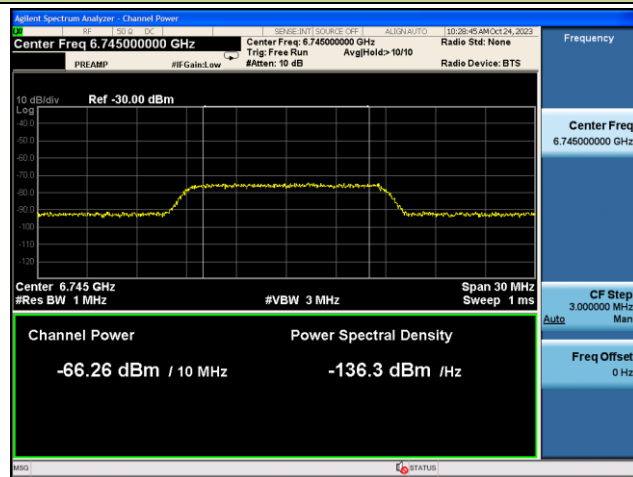
802.11 be-HET20 / CH153



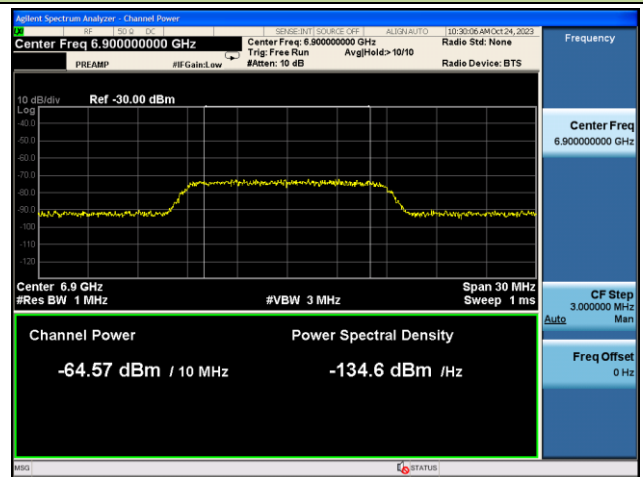
802.11 be-HET320 / CH159 (Low Edge)



802.11 be-HET320 / CH159 (Middle)

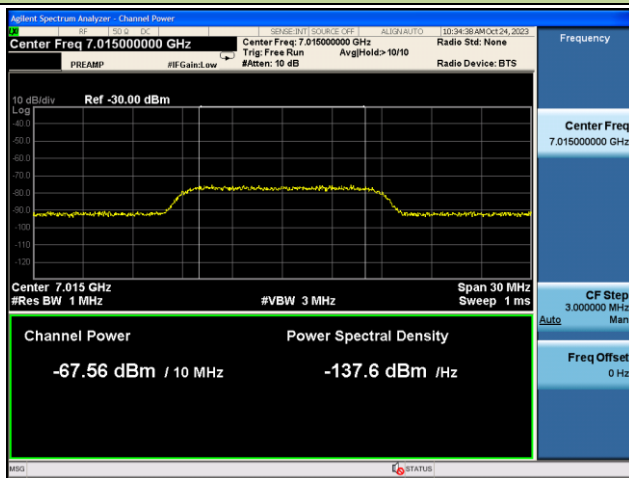


802.11 be-HET320 / CH159 (High Edge)

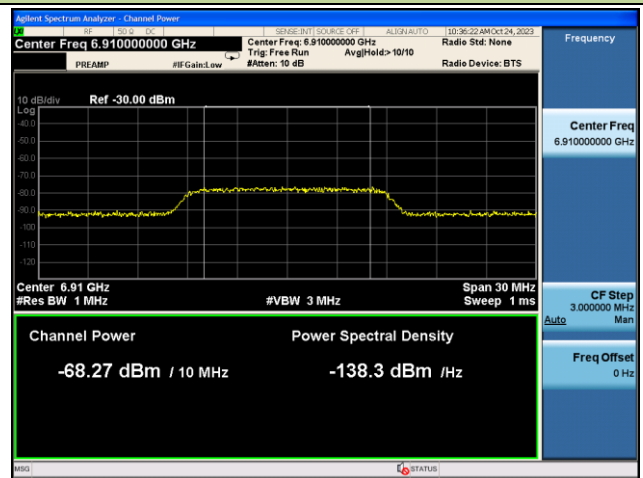


AWGN Signal Level (at Antenna Port) Calibration Plots (NII-8 Band) _Easy Mesh

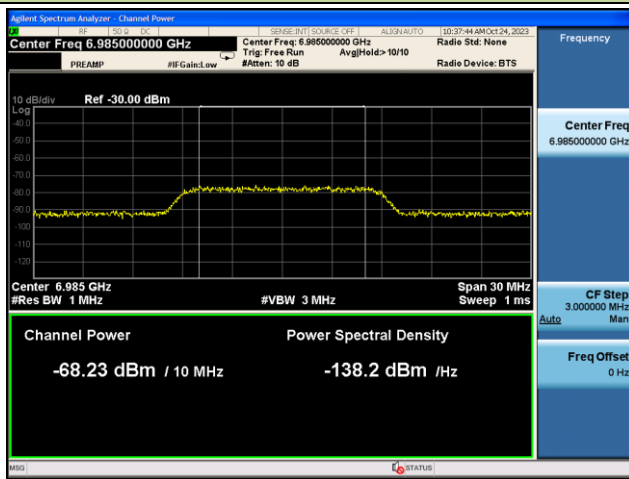
802.11 be-HET20 / CH213



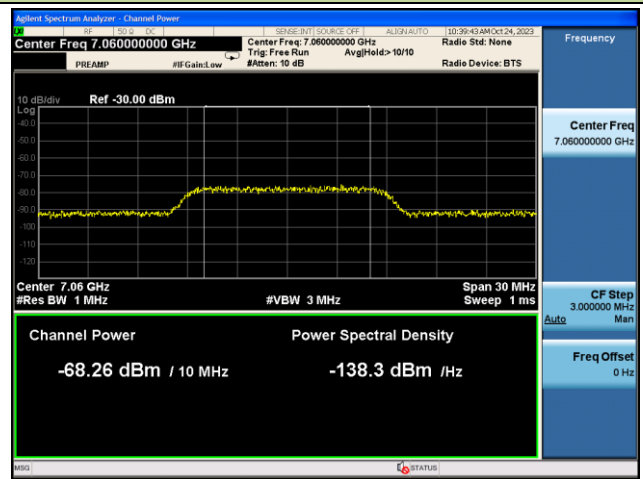
802.11 be-HET320 / CH191 (Low Edge)



802.11 be-HET320 / CH191 (Middle)

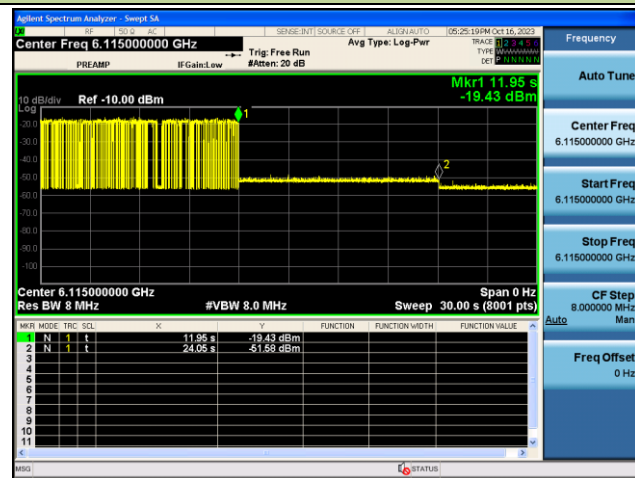


802.11 be-HET320 / CH191 (High Edge)

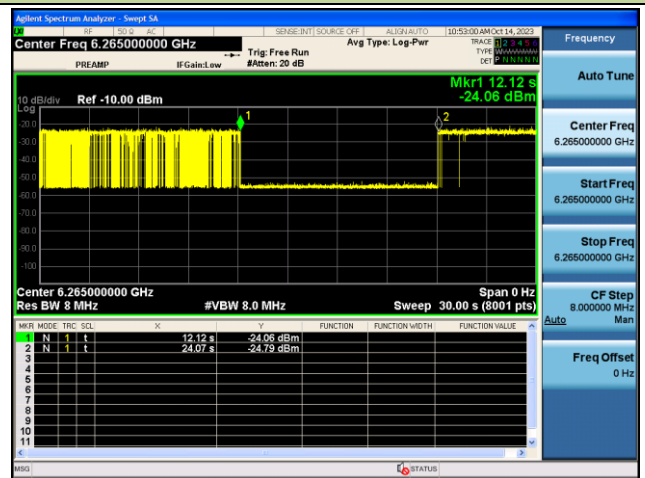


Test Result of EUT ceased transmission (NII-5 Band) _Easy Mesh

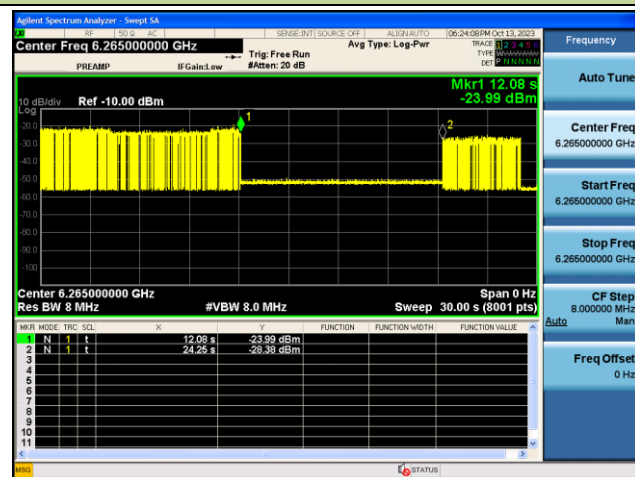
802.11 be-HET20 / CH33



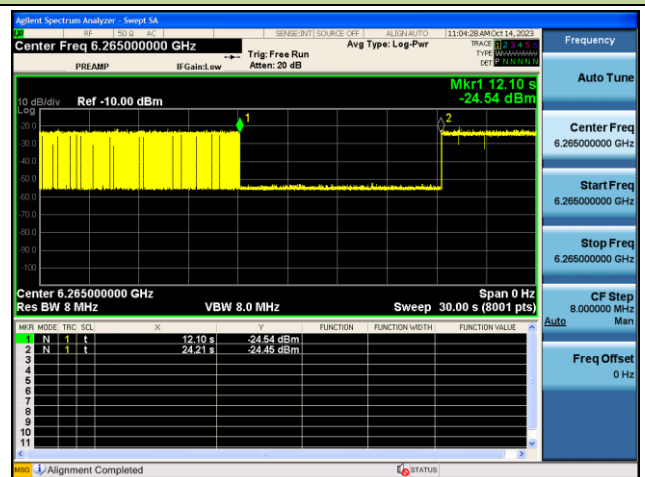
802.11be-HET 320 / CH63 (Low Edge)



802.11be-HET320 / CH63 (Middle)



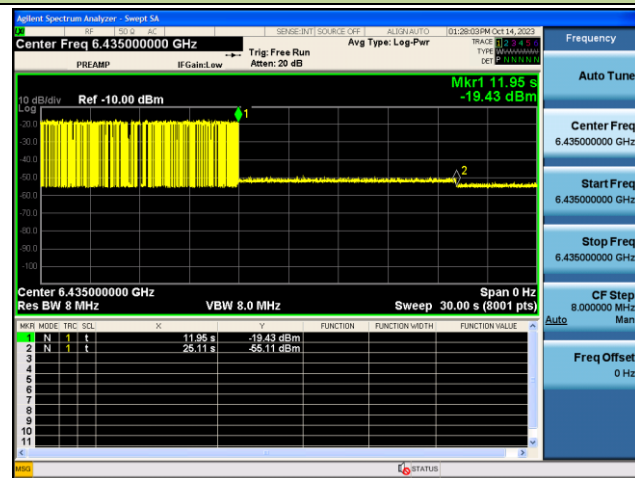
802.11be-HET320 / CH63 (High Edge)



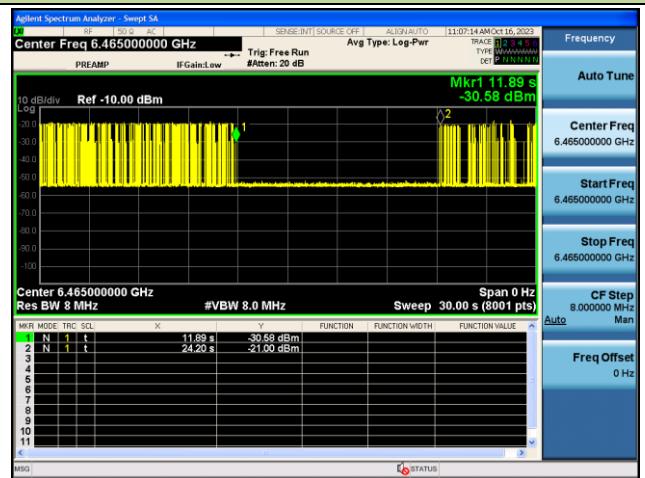
Note – M1: Injection of AWGN Signal, M2: Removal of AWGN Signal

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

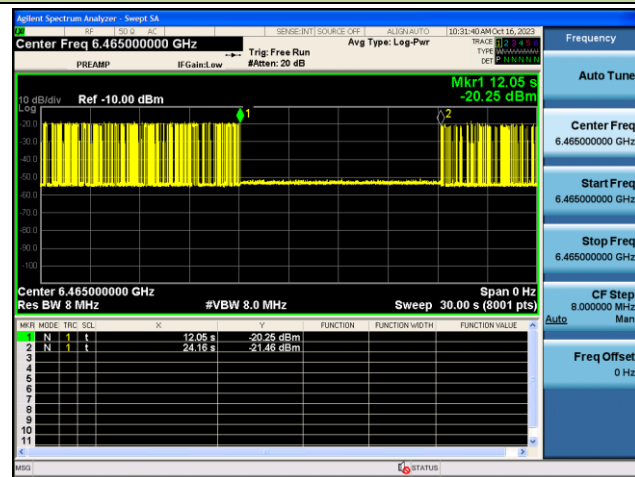
802.11be-HET20 / CH97



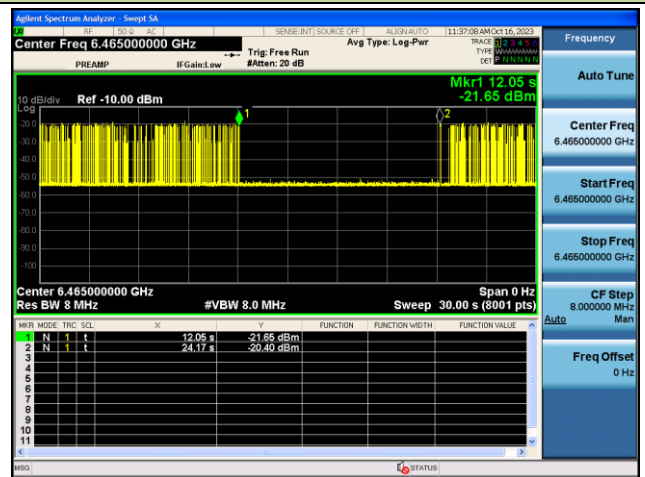
802.11be-HET320 / CH95 (Low Edge)



802.11be-HET320 / CH95 (Middle)



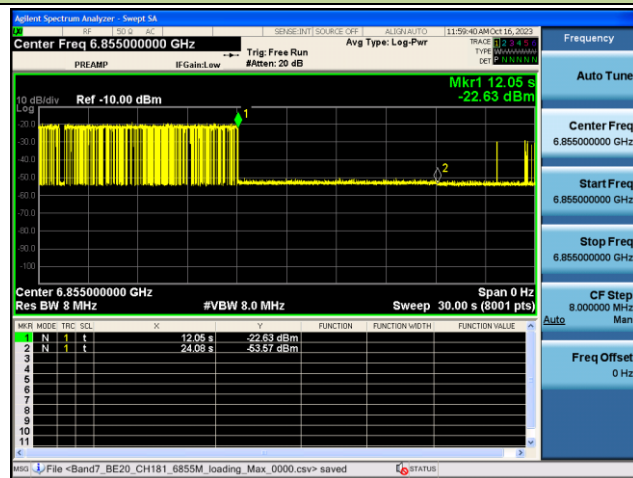
802.11be-HET320 / CH95 (High Edge)



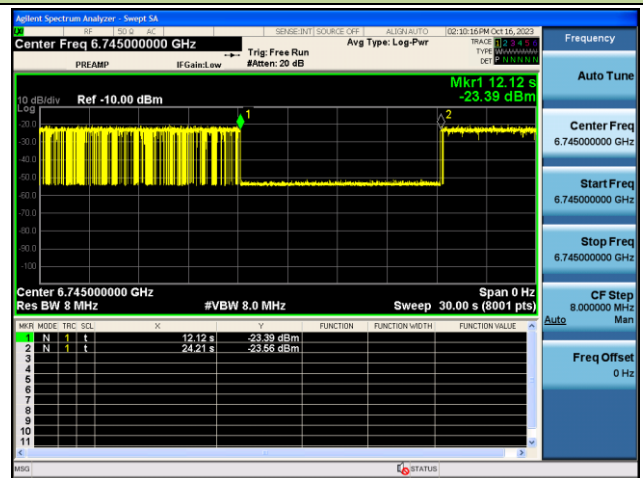
Note – M1: Injection of AWGN Signal, M2: Removal of AWGN Signal

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

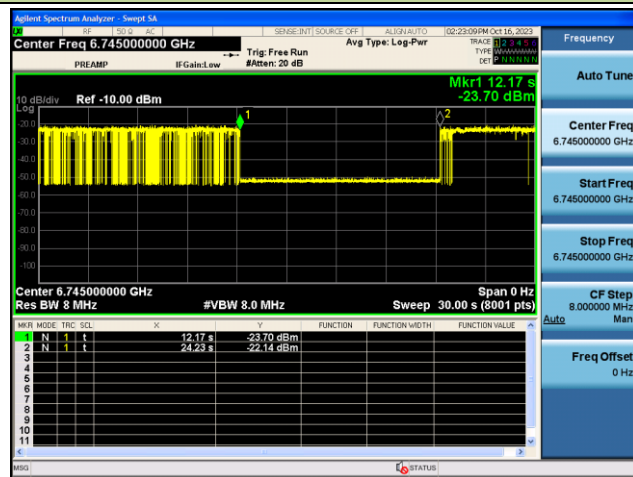
802.11be-HET20 / CH153



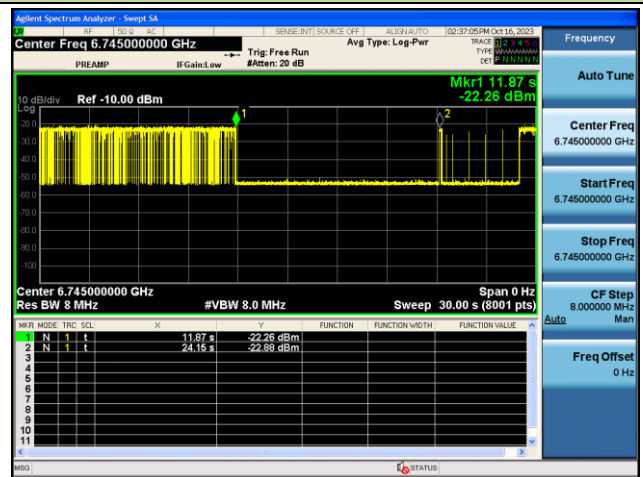
802.11be-HET320 / CH159 (Low Edge)



802.11be-HET320 / CH159 (Middle)



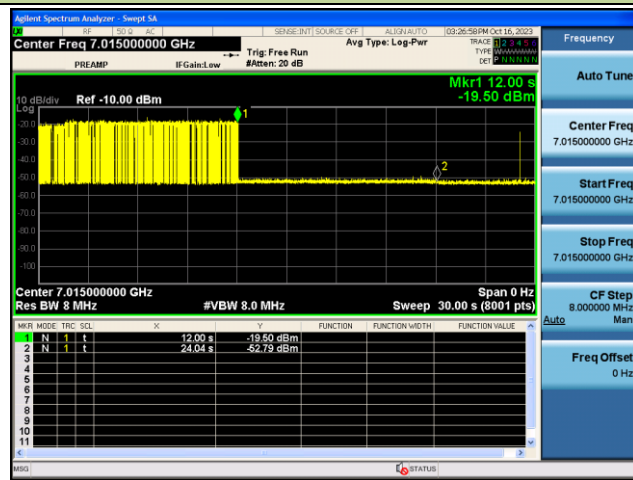
802.11be-HET320 / CH159 (High Edge)



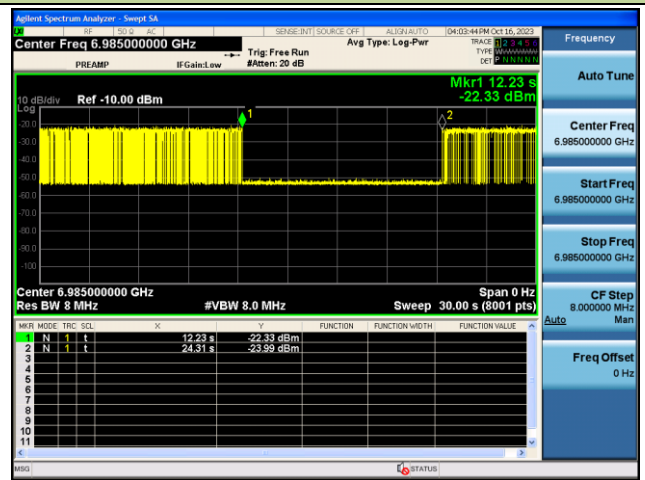
Note – M1: Injection of AWGN Signal, M2: Removal of AWGN Signal

Test Result of EUT ceased transmission (NII-8 Band) _Easy Mesh

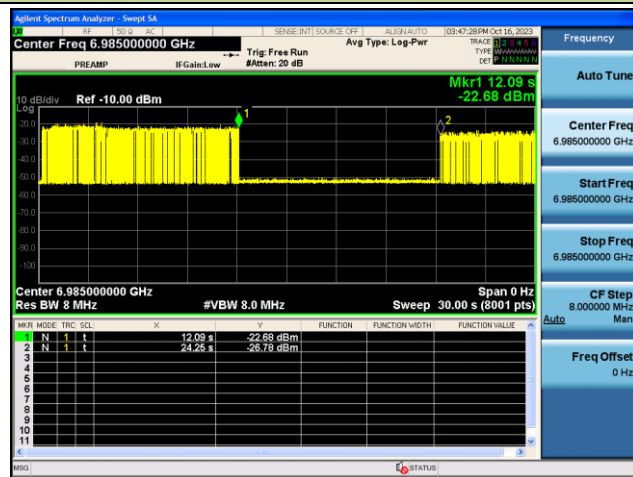
802.11be-HET20 / CH213



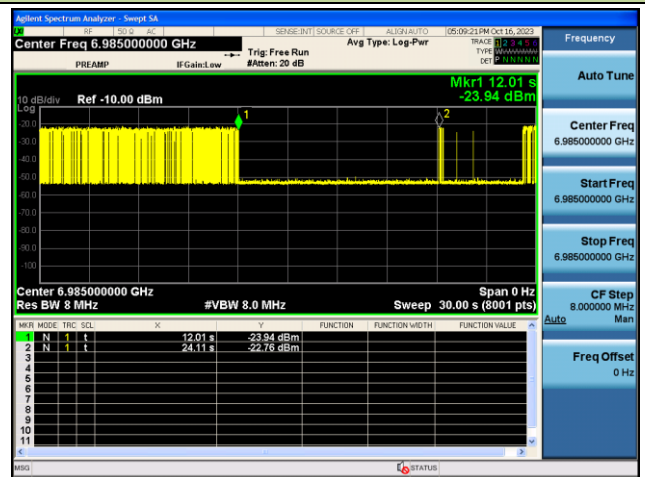
802.11be-HET320 / CH191 (Low Edge)



802.11be-HET320 / CH191 (Middle)



802.11be-HET320 / CH191 (High Edge)



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

6.8. Radiated Spurious Emission

6.8.1. Test Limit

For 15.407(b)(5) requirement

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

Refer to 987594 D02 U-NII 6GHz EMC Measurement v01 clause G

Use guidance in KDB 789033 for measurements below 1000 MHz and above 1000 MHz. Unwanted emissions outside of restricted bands are measured with a RMS detector. In addition, 15.35(b) applies where the peak emissions must be limited to no more than 20 dB above the average limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

6.8.2. Test Procedure Used

KDB 789033 D02v02r01-Section II)G)

6.8.3. Test Setting

Table 1 - RBW as a function of frequency

Frequency	RBW
9 ~ 150 kHz	200 ~ 300 Hz
0.15 ~ 30 MHz	9 ~ 10 kHz
30 ~ 1000 MHz	100 ~ 120 kHz
> 1000MHz	1MHz

Quasi-Peak Measurements below 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. Span was set greater than 1MHz
3. RBW = as specified in Table 1
4. Detector = CISPR quasi-peak
5. Sweep time = auto couple
6. Trace was allowed to stabilize

Peak Measurements above 1GHz

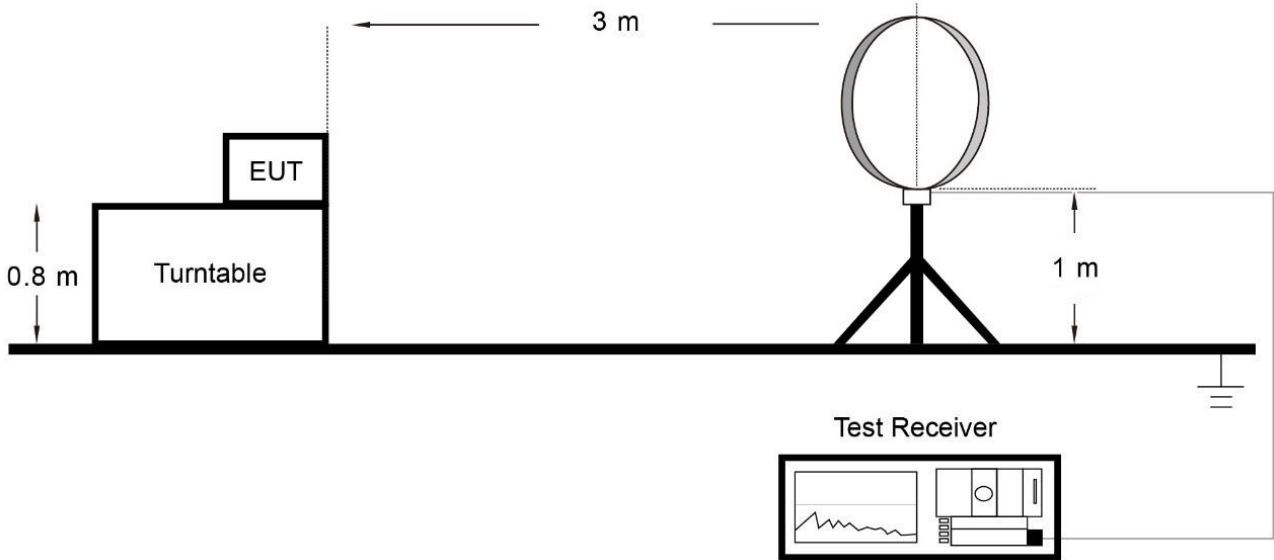
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10 Hz.
If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration.
4. Detector = Peak
5. Sweep time = auto
6. Trace mode = max hold
7. Trace was allowed to stabilize

6.8.4. Test Setup

Below 30MHz Test Setup:



Below 1GHz Test Setup:

