



FCC Date Re-use Information and Test Plan  
(KDB 484596 D01 Referencing Test Data v01)

**1. Original General Descriptions of EUT**

Device	Referenced Device	Model Variant
FCC ID	G95EWM322T	G95EWA322T
FCC Granted Date	18/07/2023 08/08/2023 (NII-C2PC grant date)	28/08/2023
Product	Wireless Access Point	Wireless Access Point
Brand	technicolor	Vantiva
Applicant	Vantiva USA LLC	Vantiva USA LLC
Test Model	EWM322TTCH2, EGM322TTCH2	EWA322TGFR2
RF characteristics	WLAN 2.4GHz: 2412 – 2462 MHz	WLAN 2.4GHz: 2412 – 2462 MHz
	WLAN 5GHz: 5180.0 - 5250.0 MHz 5250.0 - 5320.0 MHz 5500.0 - 5720.0 MHz 5745.0 - 5825.0 MHz	WLAN 5GHz: 5180.0 - 5250.0 MHz 5250.0 - 5320.0 MHz 5500.0 - 5720.0 MHz 5745.0 - 5825.0 MHz
	WLAN 6GHz: 5955 - 6415 MHz 6435 - 6525 MHz 6535 - 6865 MHz 6875 - 7095 MHz	WLAN 6GHz: 5955 - 6415 MHz 6435 - 6525 MHz 6535 - 6865 MHz 6875 - 7095 MHz
	Zigbee: 2405 – 2480 MHz	Remove
	BT LE: 2402 – 2480 MHz	Remove
Hardware Difference	N.A.	<p>Base on Layout no change.</p> <ol style="list-style-type: none"> <li>Zigbee / BT LE chip (EFR32MG21A020F512) depopulated.</li> <li>1 out of 2 tact switches depopulated.</li> <li>2 out of 4 LEDs on back depopulated.</li> <li>SLIC circuitry depopulated</li> <li>RJ45 Port colors different.</li> </ol> <p>Housing artwork different.</p>
Firmware	17.10.251.2302 (r816340 WLTESR) FWID 01-105700	17.10.251.2302 (r816340 WLTESR) FWID 01-105700
Antenna Model	EWM322T/EWA322T	EWM322T/EWA322T

**Note:**

FCC ID: G95EWA322T Layout and Firmware are same as FCC ID: G95EWM322T, but Zigbee / BT Chip (EFR32MG21A020F512), FXS Port are depopulated. But Wi-Fi part no change on the board.



## 2. Referencing test items

### Part 15E (Wi-Fi 5G UNII-2a/2c)

FCC Clause	Test Items	Referenced Test Data
15.407(a)(1/2/3)	Conducted Output Power	Y
15.207	AC Power Line Conducted Emission	Y
15.407(b)(1/2/3/4 (i/ii))	Radiated Emissions and Band Edge Measurement	Y
15.407(a)(1/2/3)	26dBc bandwidth	Y
-	99% Occupied bandwidth	Y
15.407(e)	6dB bandwidth	Y
15.407(a)(1/2/3)	Power Density	Y
15.407(g)	Frequency Stability	Y
15.407(h)	DFS	Y (Note)

**Note:** FCC ID: G95EWA322T Layout and Firmware are same as FCC ID: G95EWM322T.

## 3. Spot- Check Test Plan

Amount of test samples: 1 sample

Equipment Class	FCC Rule Part	Test Items	Frequency Band	Test Modes	Test Channel
NII	Part 15E	Output power/ PSD / AC Conducted Emission / Radiated emission – Band edge and Harmonics	5250-5350 MHz 5500-5720 MHz	802.11 ax HE 40	CH 142 (Note1)
	Part 15E	DFS (Note2) CAC/CCTT/Non-OCP/ISM	5250-5350 MHz 5500-5720 MHz	802.11 ax HE 20 802.11 ax HE 160	CH 100/ CH 114 CH 144
Co-location	Part 15C/E	Radiated emission – Band edge and Harmonics / Conducted Out-Band Emission	2412-2462 MHz 5180-5250MHz 5250-5350 MHz 5500-5720 MHz 5745-5825MHz 5955-6415 MHz 6435-6525 MHz 6535-6865 MHz 6875-7095 MHz	802.11 b + 802.11 ax HE 40 (5G) + 802.11 ax HE 160 (6G)	CH 11 + 142 (5G) + 47 (6G)

Note1: Worst mode in FCC ID: G95EWM322T

Note2: FCC ID: G95EWA322T Firmware is same as FCC ID: G95EWM322T

## 4. Refer Report List

**FCC ID: G95EWM322T Original Report as below list:**

Report Item	Report Number	Note
WLAN 5GHz (UNII-2a/2c)	RFCGJR-WTW-P23010147A	FCC ID: G95EWA322T Data Re-use
WLAN 5GHz (DFS)	RFCGJR-WTW-P23010147A-2	FCC ID: G95EWA322T Data Re-use
Co-located	RFCGJR-WTW-P23010147A-1	Re-test for remove BT/Zigbee and adding UNII-2a/2c
RF Exposure	MFCGJR-WTW-P23010147A	Re-calculate for remove BT/Zigbee and adding UNII-2a/2c