Product   :   Industrial WiFi module
Test Item   :   Occupied Bandwidth Data
Test Mode   :   Mode 3: Transmit (802.11n-40BW 15Mbps)
Test Date   :   2020/05/11

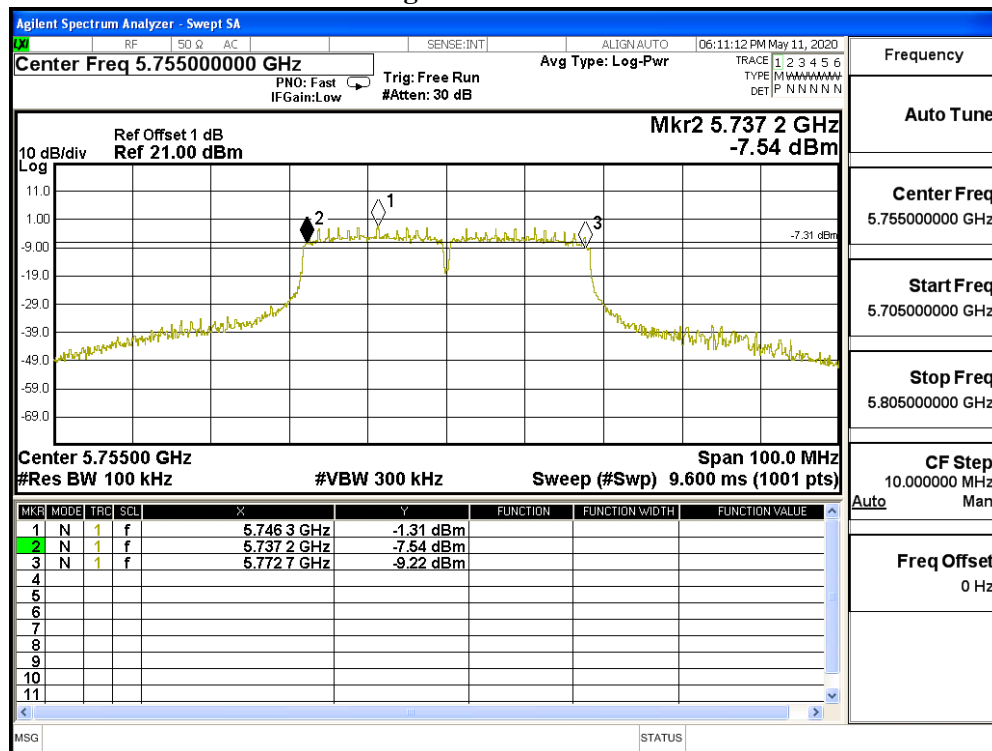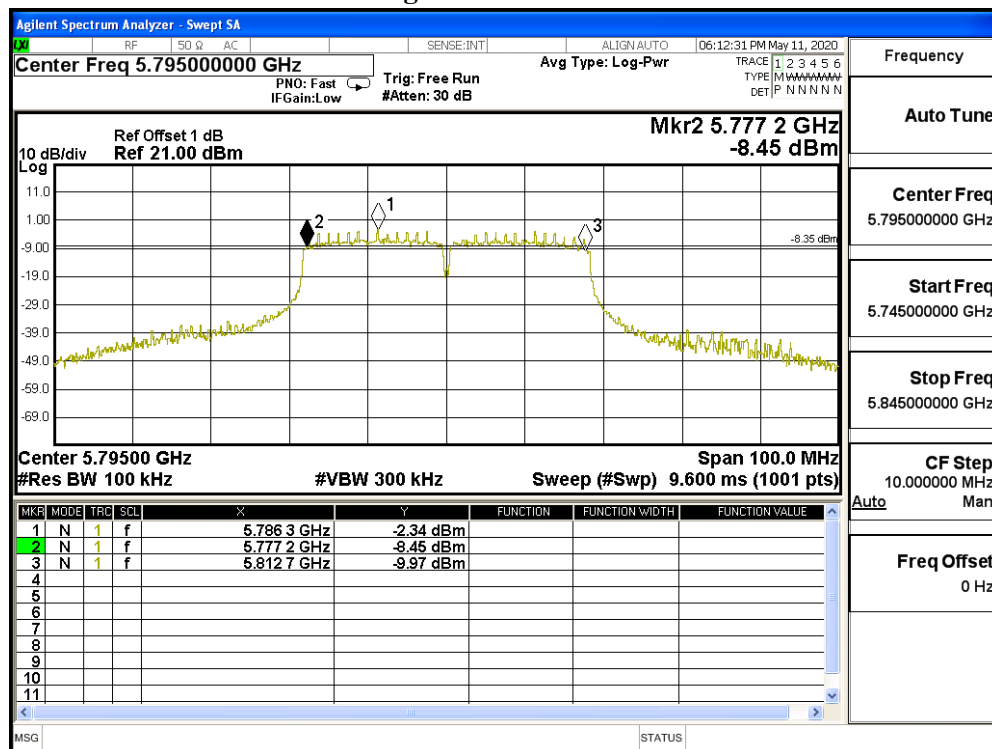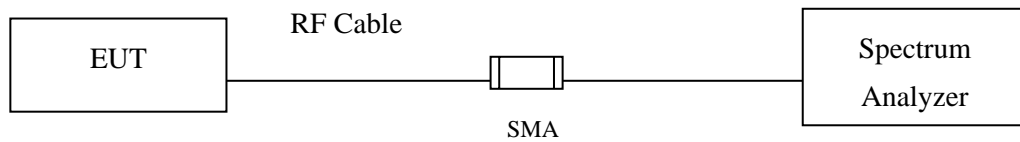| Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
151	5755	35500	>500	Pass
159	5795	35500	>500	Pass

Figure Channel 151:

Figure Channel 159:

8. Duty Cycle

8.1. Test Setup

8.2. Test Procedure

The EUT was setup according to ANSI C63.10 2013; tested according to U-NII test procedure of KDB789033 for compliance to FCC 47CFR 15.407 requirements.

8.3. Test Result of Duty Cycle

Product : Industrial WiFi module
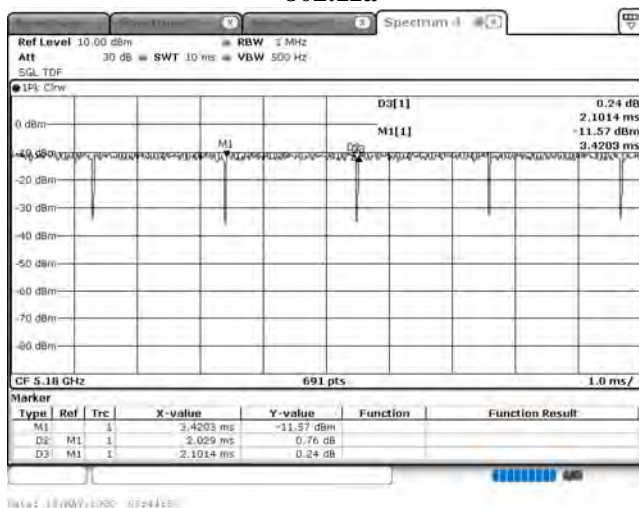Test Item : Duty Cycle
Test Mode : Transmit

Duty Cycle Formula:
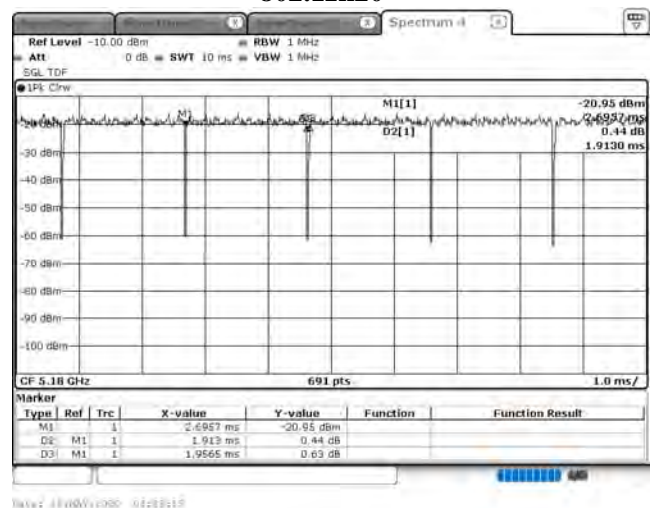Duty Cycle = Ton / (Ton + Toff)
Duty Factor = 10 Log (1/Duty Cycle)
Results:

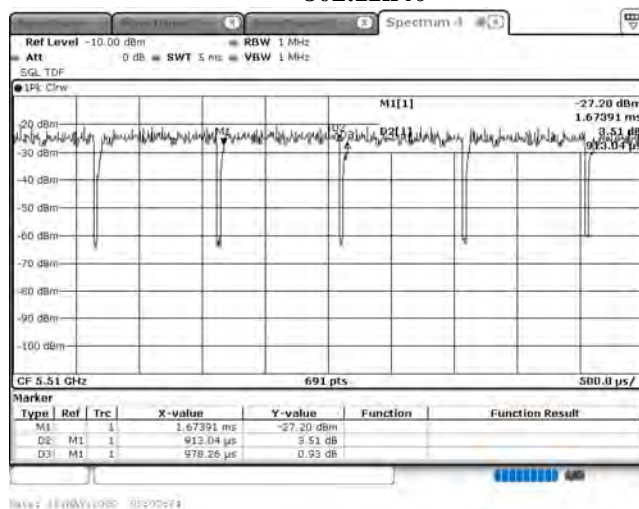| Mode	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
802.11 a	2.0290	2.1014	96.55	0.15
802.11 n20	1.9130	1.9565	97.78	0.10
802.11 n40	0.9130	0.9780	93.35	0.30

802.11a **802.11n20**

802.11n40

9. EMI Reduction Method During Compliance Testing

No modification was made during testing.