7SIGNAL®
THE WI-FI PERFORMANCE COMPANY

Date: October 17, 2023

Product: Wi-Fi 6/6E Sensor
Model: 7S6300
FCC ID: YLF7S6300

Declaration Letter for Data Reuse

This application is intended to reuse the test data from FCC ID: A8J-ECW336, certified on 07/08/2022, due to the fact that this products is hardware-wise identical and only the following changes have been made: 7S6300 (FCC ID: YLF7S6300), use the same MCU chipset(IPQ8072A), share the same chipset baseline, hardware design, support same bands, the difference is only on software version change from master mode to slave mode.

Base on above condition, below are summary table for data reuse and spot checks according to KDB 484596 D01.

DTS		
Test Item	Data Reused	Remark
Conducted Emission	Yes	N/A
Radiated Band Edge	Yes	Verify worst-case channel
Radiated Spurious Emission	Yes	Verify worst-case channel
6dB Bandwidth	Yes	N/A
Peak Power Output	Yes	Verify all output power
RF Antenna Conducted Test	Yes	N/A
Power Spectral Density	Yes	N/A
Duty Cycle	Yes	N/A

UNII-1, 3		
Test Item	Data Reused	Remark
Conducted Emission	No	Re-test
Radiated Band Edge	No	Re-test
Radiated Spurious Emission	No	Re-test
6dB / Occupied Bandwidth	No	Re-test
Maximum Conducted Output Power	No	Re-test
Power Spectral Density	No	Re-test
Duty Cycle	No	Re-test

UNII-2A, 2C		
Test Item	Data Reused	Remark
Conducted Emission	Yes	N/A
Radiated Band Edge	Yes	Verify worst-case channel
Radiated Spurious Emission	Yes	Verify worst-case channel
Occupied Bandwidth	Yes	N/A
Maximum Conducted Output Power	Yes	Verify all output power
Power Spectral Density	Yes	N/A
Duty Cycle	Yes	N/A
DFS	No	Re-test slave mode

Wi-Fi 6E		
Test Item	Data Reused	Remark
Conducted Emission	No	Re-test
Radiated Band Edge	No	Re-test
Radiated Spurious Emission	No	Re-test
Occupied Bandwidth	No	Re-test
Transmit Output Power	No	Re-test
Power Spectral Density	No	Re-test
In-Band Emission (Mask)	No	Re-test
Contention Based Protocol	No	Re-test
Duty Cycle	No	Re-test

Sincerely,

Ted Schneider / CTO

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