

## Statement

### Test Data Explanation Summary

a):Introduction:

FCC ID being referenced: FCC ID: 2AGQIFX205

The equipment class(s):DTS, DSS, PCB, JAB, UII, DXX

Rule parts: FCC Part 15C, 15B, 22H, 24E, 27

Frequency bands:

NFC:13.56MHz

BT: 2402~2480MHz

Wi-Fi: 2.412GHz~2.462GHz

Wi-Fi: 5150~5250MHz

GSM850:

TX 824MHz~849MHz RX 869MHz~894MHz

PCS1900:

TX 1850MHz~1910MHz RX 1930MHz~1990MHz

WCDMA 850:

TX 824MHz~849MHz RX 869MHz~894MHz

WCDMA 1900:

TX 1850MHz~1910MHz RX 1930MHz~1990MHz

LTE Band 2:

TX 1850MHz~1910MHz RX 1930MHz~1990MHz

LTE Band 4:

TX: 1710MHz~1755MHz RX 2110MHz~2155MHz

LTE Band 5:

TX 824MHz~849MHz RX 869MHz~894MHz

LTE Band 7:

TX 2500MHz~2570MHz RX 2620MHz~2690MHz

LTE Band 12:

TX 699 ~ 716MHz RX 729 ~ 746MHz

LTE Band 13:

TX 777~ 787MHz RX 746~ 756MHz

LTE Band 17:

TX 704~716MHz RX 734~ 746MHz

LTE Band 38:

TX 2570MHz~2620MHz RX 2570MHz~2620MHz

LTE Band 41:

TX 2555MHz~2655MHz RX: 2555MHz~2655MHz

b) Explain the Differences:

The FX925F PM adds scanner and USB HUB function, changes NFC operation on hardware and software. The WWAN, WLAN and Bluetooth's circuit theory, electrical design and the critical components are the same

c) Spot Check Verification Data Section:

spot-check test data compared to the reference test data, worst case results:

FCC Rules	Test Items	Reference test value	Spot-check test value
15.247 (a) (2)	6dB DTS bandwidth measurement	35.6MHz	35.6MHz
15.247 (b) (3)	Maximum Peak Conducted Power	20.99dBm	20.23dBm
15.247 (d) 15.209 15.205 15.407 (b)	Radiated Bandedge and Spurious	30.8dB $\mu$ V/m	42.6dB $\mu$ V/m
15.247 (a) (1)	20dB bandwidth measurement	1.278 MHz	1.278 MHz
15.247 (b) (1)	Peak output power	7.99	7.97
FCC §15.407 (a)	26dB Bandwidth	40.06	40.8MHz
FCC §15.407 (a)	Maximum Conducted Output Power	8.85dBm	8.69dBm
22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Effective Radiated Power of Transmitter	31.17dBm	31.04dBm
22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Peak to Average Ratio	7.21dB	6.49dB
22.917(b) 24.238(b) 27.53	Occupied Bandwidth	17.867MHz	17.867MHz
22.917 24.238 27.53	Radiated Spurious Emissions	-37.2dBm	-24.1dBm
22.355 24.235 27.54	Frequency Stability	-105.29Hz	-52.06Hz

spot check verification results show that the referenced test data is still valid for the new variant.

d) Reference Section:

Test Data cross Summary

FCC Rules	Test Items	Original Test Report : WT198003466 WT198003469 FCC ID: 2AGQIFX205	New Test Report FCC ID: 2AGQIFX925F
15.247 (a) (2)	6dB DTS bandwidth measurement	v	v (Full re-tested)
15.247 (b) (3)	Maximum Peak Conducted Power	v	v (Full re-tested)
15.247 (3)	Maximum Power Spectral Density Level	v	x
15.247 (d)	Conducted Bandedge and Spurious	v	x
15.247 (d) 15.209 15.205	Radiated Bandedge and Spurious	v	v (Full re-tested)

FCC Rules	Test Items	Original Test Report : WT198003467 FCC ID: 2AGQIFX205	New Test Report FCC ID: 2AGQIFX925F
15.407 (a)	26dB Bandwidth	v	v (Full re-tested)
15.407 (a)	Maximum Conducted Output Power	v	v (Full re-tested)
15.407 (a)	Maximum Power Spectral Density Level	v	x
15.407 (b) 15.209 15.205	Radiated Bandedge and Spurious	v	v (Full re-tested)

FCC Rules	Test Items	Original Test Report : WT198003468 FCC ID: 2AGQIFX205	New Test Report FCC ID: 2AGQIFX925F
15.247 (a) (1)	20dB bandwidth measurement	v	v (Full re-tested)
15.247 (a) (1)	Carrier frequency separation	v	x



	measurement		
15.247 (a) (1) III	Number of hopping channel	v	x
15.247 (a) (1) III	Time of occupancy	v	x
15.247 (b) (1)	Peak output power	v	v (Full re-tested)
15.247 (d)	Band edge compliance measurement	v	x
15.247 (d) / 15.205 & 15.209	Radiated spurious emission & Radiated restricted band measurement	v	v (Full re-tested)
15.247 (d)	Conducted spurious emissions	v	x

FCC Rules	Test Items	Original Test Report : WT198003471 FCC ID: 2AGQIFX205	New Test Report FCC ID: 2AGQIFX925 F
22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Effective Radiated Power of Transmitter	v	v (Full re-tested)
22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Conducted Power of Transmitter	v	v (Full re-tested)
22.913 24.232 27.50 (b) 27.50(c) 27.50(d) 27.50(h)	Peak to Average Radio	v	v (Full re-tested)
22.917(b) 24.238(b) 27.53	Occupied Bandwidth	v	v (Full re-tested)
22.917 24.238 27.53	Spurious Emission at Antenna Terminal	v	x
22.917 24.238 27.53	Radiated Spurious Emissions	v	v (Full re-tested)
22.355 24.235	Frequency Stability	v	v (Full re-tested)



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27.54			
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We take full responsibility that the test data as referenced per KDB 484596 represents compliance for the new FCC ID.

Date: 20/11/2019

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