

Data Reuse Justification

Name and address of the Manufacturer

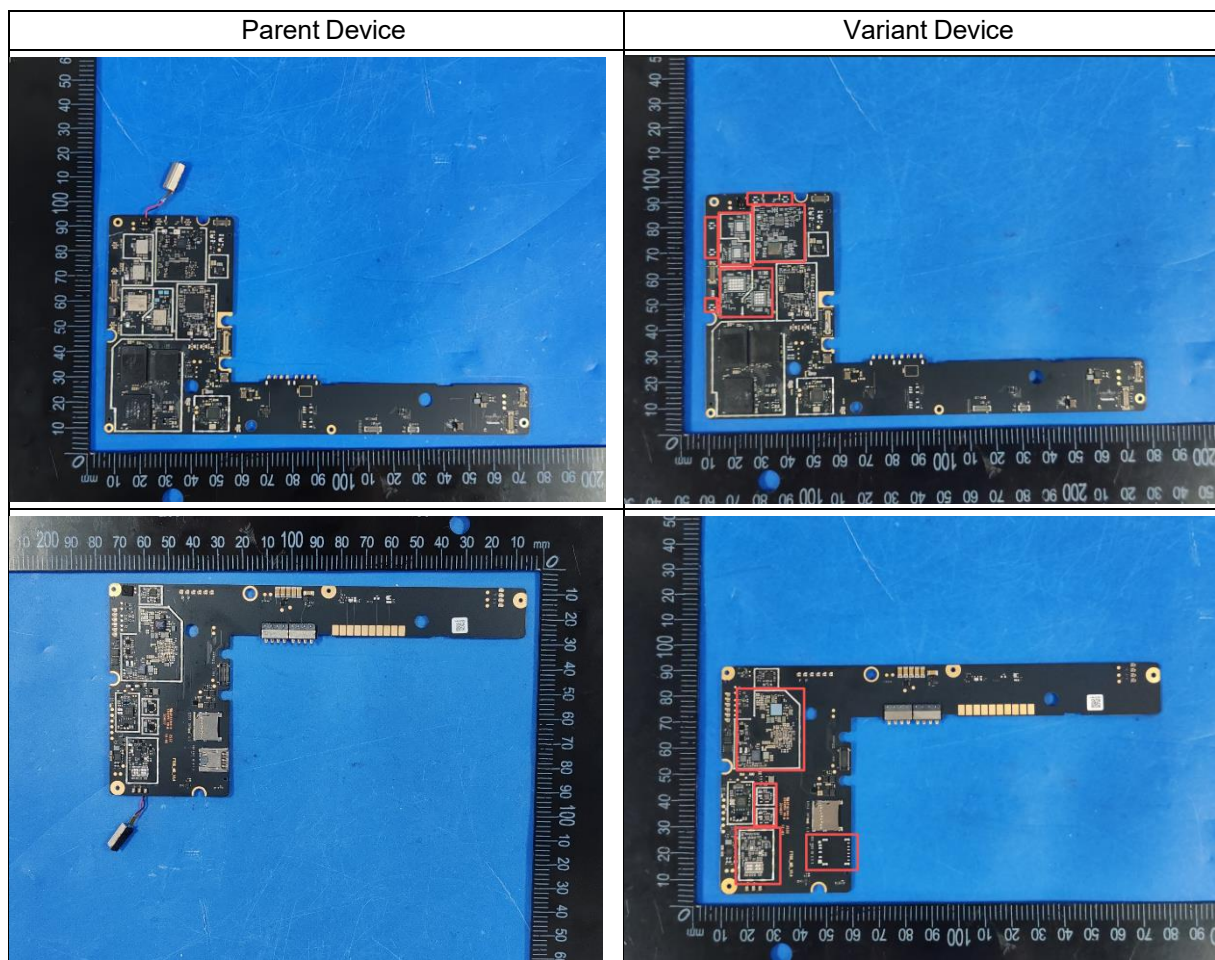
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We are applying data reuse for **FCC ID: VTVT30W1 (Variant)** of DXX/DSS/DTS/NII SAR based on reference **FCC ID: VTVT30 (Reference)**.

FCC ID: VTVT30W1 is the variant from FCC ID: VTVT30. They have the same dimension and share the same PCB layout, antennas and components in Wi-Fi / Bluetooth/NFC. Only has below difference:

FCC ID: VTVT30W1 The WWAN module and its functions have been removed, but all other aspects remain the same.

Parent Device	Variant Device	Key differences
Smart Tablet Computer FCC ID: VTVT30	Smart Tablet Computer FCC ID: VTVT30W1	Removed the WWAN module transmitter components, but the PCB tracks remained unchanged. See below figure for detailed description



Note: 1. According to the above diagram, Variant Device and Parent Device are the same PCB motherboard, with only the removal of the patch devices, SIM card slots, and antenna connectors related to the WWAN. No cutting or modification of PCB circuits, no modification of WiFi/BT/NFC circuits.

2. The RF output power, channel settings, firmware version, and reference model of WiFi/BT/NFC for FCC ID: VTVT30W1 are completely consistent with FCC ID: VTVT30.

Data Referencing Table

Equipment Class	Rule Part	Test item	DUT Setup Conditions	Comments
DXX	15.207	AC Power Line Conducted Emission	NFC: 13.56 MHz	Retest
	15.215(c)	20dB Spectrum Bandwidth		Retest
	15.225(e)	Frequency Stability		Retest
	15.225(a)(b)(c)	Field Strength of Fundamental Emissions		Retest
	15.225(a)(b)(c)(d)/15.209	Radiated Spurious Emissions		Retest
DSS	15.207	AC Power Line Conducted Emission	BT: 2400-2483.5 MHz	Retest
	15.247 (b)(1)	Conducted Peak Output Power		Pointer to spot-check exhibit
	15.247 (a)(1)	20dB Emission Bandwidth & 99% Occupied Bandwidth		Pointer to spot-check exhibit
	15.247 (a)(1)	Carrier Frequencies Separation		Pointer to spot-check exhibit
	15.247 (a)(1)	Hopping Channel Number		Pointer to spot-check exhibit
	15.247 (a)(1)	Dwell Time		Pointer to spot-check exhibit
	15.247(d)	Band-edge for RF Conducted Emissions		Pointer to spot-check exhibit
	15.247(d)	RF Conducted Spurious Emissions		Pointer to spot-check exhibit
	15.209	Radiated Spurious emissions		Retest
	15.205/15.209	Restricted Band Edge Emission (Radiated Emission)		Retest
DTS	15.207	AC Power Line Conducted Emission	BLE: 2400-2483.5 MHz 2.4GWIFI: 2400-2483.5	Retest
	15.247 (b)(3)	Conducted Output Power		Pointer to spot-check exhibit
	15.247 (a)(2)	DTS (6 dB) Bandwidth & 99% Occupied Bandwidth		Pointer to spot-check exhibit
	15.247 (e)	Power Spectral Density		Pointer to spot-check exhibit
	15.247(d)	Band-edge for RF Conducted Emissions		Pointer to spot-check exhibit
	15.247(d)	RF Conducted Spurious Emissions		Pointer to spot-check exhibit
	15.209	Radiated Spurious Emissions		Retest
	15.205/15.209	Restricted bands around fundamental frequency (Radiated Emission)		Retest
NII	15.207	AC Power Line Conducted Emissions	5470-5725 MHz	Retest
	15.407(a)(1)(2)	26dB Emission Bandwidth		Pointer to spot-check exhibit
	15.407(e)	6dB Emission Bandwidth		Pointer to spot-check exhibit
	15.407	99% Occupied Bandwidth		Pointer to spot-check exhibit
	15.407(a)(2)(3)	Maximum Conducted Output Power		Pointer to spot-check exhibit
	15.407(a)(2)(3)	Maximum Power Spectral Density		Pointer to spot-check exhibit
	15.407(b)/15.205/15.20	Band Edge		Pointer to spot-

	9			check exhibit
	15.205/15.249/15.407(b)	Unwanted Emissions that fall Out of the Restricted Bands (Radiated)		Retest
	15.205/15.249/15.407(b)	Unwanted Emissions in the Restricted Bands (Radiated)		Retest
	15.407	Dynamic Frequency Selection		Retest
SAR	2.1093	Body worn/Hotspot	2.4G WLAN ANT 1: 2412~2462 MHz 5.2G WLAN ANT1: 5150~5250 MHz	Retest the worst mode
Note: Data Referencing is applied only for the above tests: all the remaining compliance tests required for the variant FCC ID: VTVT30W1 are performed in full.				

Spot-Check Plan after Testing

BT: 2400-2483.5 MHz

Equipment Class	Rule Part	Test	Reference Worst-Case	Variant Test	dB Difference	Spot-Check Parameters	Pass Criterion
DSS	15.247 (b)(1)	Conducted Peak Output Power	RdB=10.39dBm	VdB=10.29dBm	ddB=0.10	CdB=30dBm MdB=19.61 ddBmax(MdB)=3.98	ddB< ddBmax(MdB) Pass
	15.247 (a)(1)	20dB Emission Bandwidth	RdB=0.879MHz	VdB=0.882MHz	/	/	/
	15.247 (a)(1)	99% Occupied Bandwidth	RdB=0.810MHz	VdB=0.813MHz	/	/	/
	15.247 (a)(1)	Carrier Frequencies Separation	RdB=0.880MHz	VdB=0.882MHz	ddB=0.002	CdB=0.880MHz MdB=0 ddBmax(MdB)=3	ddB< ddBmax(MdB) Pass
	15.247 (a)(1)	Hopping Channel Number	RdB=79	VdB=79	ddB=0	CdB=15 MdB=64 ddBmax(MdB)=6	ddB< ddBmax(MdB) Pass
	15.247 (a)(1)	Dwell Time	RdB=0.345s	VdB=0.308s	ddB=0.037	CdB=0.4s MdB=0.055 ddBmax(MdB)=3.00	ddB< ddBmax(MdB) Pass
	15.247(d)	Band-edge for RF Conducted Emissions	RdB=-53.72dBm	VdB=-56.26Bm	ddB=2.54	CdB=-11.65dBm MdB=42.07 ddBmax(MdB)=5.10	ddB< ddBmax(MdB) Pass
	15.247(d)	RF Conducted Spurious Emissions	RdB=-44.13dBm	VdB=-42.82dBm	ddB=1.31	CdB=-11.65dBm MdB=32.48 ddBmax(MdB)=4.62	ddB< ddBmax(MdB) Pass

BLE: 2400-2483.5 MHz

Equipment Class	Rule Part	Test	Reference Worst-Case	Variant Test	dB Difference	Spot-Check Parameters	Pass Criterion
DTS	15.247 (b)(3)	Conducted Output Power	RdB=8.93dBm	VdB=8.87dBm	ddB=0.06	CdB=30dBm MdB=21.07 ddBmax(MdB)=4.05	ddB< ddBmax(MdB) Pass
	15.247 (a)(2)	DTS (6 dB) Bandwidth	RdB=1.183MHz	VdB=1.152MHz	ddB=0.031	CdB=0.5MHz MdB=0.683 ddBmax(MdB)=3.03	ddB< ddBmax(MdB) Pass
	15.247 (a)(2)	99% Occupied Bandwidth	RdB=1.998MHz	VdB=1.988MHz	/	/	/
	15.247 (e)	Power Spectral Density	RdB=-10.08dBm/3KHz	VdB=-10.00dBm/3KHz	ddB=0.08	CdB=8dBm/3KHz MdB=18.08 ddBmax(MdB)=3.90	ddB< ddBmax(MdB) Pass
	15.247(d)	Band-edge for RF Conducted Emissions	RdB=-42.85dBm	VdB=-39.05Bm	ddB=3.80	CdB=-11.22dBm MdB=31.63 ddBmax(MdB)=4.58	ddB< ddBmax(MdB) Pass
	15.247(d)	RF Conducted Spurious Emissions	RdB=-51.10dBm	VdB=-48.90dBm	ddB=2.20	CdB=-11.22dBm MdB=39.88 ddBmax(MdB)=5.00	ddB< ddBmax(MdB) Pass

2.4GWIFI: 2400-2483.5 MHz

Equipment Class	Rule Part	Test	Reference Worst-Case	Variant Test	dB Difference	Spot-Check Parameters	Pass Criterion
DTS	15.247 (b)(3)	Conducted Output Power	RdB=13.23dBm	VdB=13dBm	ddB=0.23	CdB=30dBm MdB=16.77 ddBmax(MdB)=3.84	ddB< ddBmax(MdB) Pass
	15.247 (a)(2)	DTS (6 dB) Bandwidth	RdB=8.584MHz	VdB=8.133MHz	ddB=0.451	CdB=0.5MHz MdB=8.084 ddBmax(MdB)=3.40	ddB< ddBmax(MdB) Pass
	15.247 (a)(2)	99% Occupied Bandwidth	RdB=13.345MHz	VdB=13.050MHz	/	/	/
	15.247 (e)	Power Spectral Density	RdB=-10.04dBm/3KHz	VdB=-12.30dBm/3KHz	ddB=2.26	CdB=8dBm/3KHz MdB=18.04 ddBmax(MdB)=3.90	ddB< ddBmax(MdB) Pass
	15.247(d)	Band-edge for RF Conducted Emissions	RdB=-44.54dBm	VdB=-43.32Bm	ddB=1.22	CdB=-13.29dBm MdB=31.25 ddBmax(MdB)=4.56	ddB< ddBmax(MdB) Pass

	15.247(d)	RF Conducted Spurious Emissions	RdB=-41.73dBm	VdB=-44.70Bm	ddB=2.97	CdB=-13.23dBm MdB=28.50 ddBmax(MdB)=4.43	ddB< ddBmax(MdB) Pass
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5GWIFI: 5470-5725 MHz

Equipment Class	Rule Part	Test	Reference Worst-Case	Variant Test	dB Difference	Spot-Check Parameters	Pass Criterion
NII	15.407 (a)(2)(3)	Maximum Conducted Output Power	RdB=11.81dBm	VdB=11.71dBm	ddB=0.10	CdB=23.85dBm MdB=12.04 ddBmax(MdB)=3.60	ddB< ddBmax(M dB) Pass
	15.407 (a)(1)(2)	26dB Emission Bandwidth	RdB=18.610MHz	VdB=18.698MHz	/	/	/
	15.407	99% Occupied Bandwidth	RdB=16.315MHz	VdB=16.320MHz	/	/	/
	15.407 (a)(2)(3)	Maximum Power Spectral Density	RdB=- 1.91dBm/MHz	VdB=- 1.82dBm/MHz	ddB=0.09	CdB=11dBm/MHzz MdB=9.09 ddBmax(MdB)=3.45	ddB< ddBmax(M dB) Pass
	15.205/1 5.249/15. 407(b)	Band Edge (Conducted)	RdB=-34.26dBm	VdB=-35.70Bm	ddB=1.44	CdB=-27dBm MdB=7.26 ddBmax(MdB)=3.36	ddB< ddBmax(M dB) Pass

SAR:

Equipment Class	Test	Reference Worst-Case	Variant Test	dB Difference	Spot-Check Parameters	Pass Criterion
SAR	2.4G WLAN SAR	2412~2462 MHz TER _R =0.452	2412~2462 MHz TER _V =0.443	d _{TER} =0.02	d _{TERmax} (M)=0.30	TER < 1 and d _{TER} <d _{TERmax} (M) Pass
	U-NII SAR	5150~5250 MHz TER _R =0.447	5150~5250 MHz TER _V =0.415	d _{TER} =0.07	d _{TERmax} (M)=0.30	TER < 1 and d _{TER} <d _{TERmax} (M) Pass