

# FCC Part 22/24/27 Test Results Summary

## 1.0 Administrative Data

### 1.1 Applicant

Company name	SAMSUNG Electronics, Co. Ltd.
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### 1.2 Test Engineer

Engineer	JH Bek, MI Kim, DH Ju, IH Park, SH Hwang, JH Choi
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## 2.0 Test Sample Description

Manufacturer	SAMSUNG Electronics, Co. Ltd.
Model	SM-T677A
FCCID	A3LSMT677A
DUT Type	Tablet

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### 3.0 Summary of Test Result

#### 3.1 FCC Part 22/24/27

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Tested Band
TRANSMITTER MODE (TX)					
2.1049	Occupied Bandwidth	N/A	CONDUCTED	PASS	WCDMA850/1900 LTE BAND2/5/4/12
2.1051 22.917(a) 24.238(a) 27.53(a) 27.53(g) 27.53(h)	Conducted Band Edge / Spurious Emissions	> 43 +10 log <sub>10</sub> (P[Watts]) at Band Edge and for all out-of-band emissions,		PASS	WCDMA850/1900 LTE BAND2/5/4/12
24.232(d)	Peak-Average Ratio	< 13 dB		PASS	WCDMA1900 LTE BAND2
2.1046	Transmitter Conducted Output Power	N/A		PASS	WCDMA850/1900 LTE BAND2/5/4/12
2.1055 22.355 24.235 27.54	Frequency Stability	< 2.5 ppm (part 22) Emission must remain in band (Part 24/27)		PASS	WCDMA850/1900 LTE BAND2/5/4/12
22.913(a.2)	Effective Radiated Power	< 7 Watts max. ERP	RADIATED	PASS	WCDMA850 LTE BAND5
27.50(c.10)	Effective Radiated Power	< 3 Watts max. ERP		PASS	LTE BAND12
24.232(c)	Equivalent Isotropic Radiated Power	< 2 Watts max. EIRP		PASS	WCDMA1900 LTE BAND2
27.50(d.4)	Equivalent Isotropic Radiated Power	< 1 Watts max. EIRP		PASS	LTE BAND4
2.1053 22.917(a) 24.238(a) 27.53(a) 27.53(g) 27.53(h)	Radiated Spurious Emissions	> 43 +10 log <sub>10</sub> (P[Watts]) for all out-of-band emissions		PASS	WCDMA850/1900 LTE BAND2/5/4/12

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