

FCC Part 22/24 Test Results Summary

1.0 Administrative Data

1.1 Applicant

Company name	SAMSUNG Electronics, Co. Ltd.
Address	129, Samsung-ro, Maetan dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 16677, Korea
Contact person	Yongil Heo
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E-mail	yongil89.heo@samsung.com

1.2 Test Engineer

Engineer	DH Ju, IH Park
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2.0 Test Sample Description

Manufacturer	SAMSUNG Electronics, Co. Ltd.
Model	SM-G600FY
FCCID	A3LSMG600FY
DUT Type	BAR

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3.0 Summary of Test Result

3.1 FCC Part 22/24

FCC Part Section(s)	Test Description	Test Limit	Test Condition	Test Result	Tested Band
TRANSMITTER MODE (TX)					
2.1046	Transmitter Conducted Output Power	N/A	CONDUCTED	PASS	GSM850/1900 WCDMA850/1900 LTE Band5
2.1049	Occupied Bandwidth	N/A		PASS	GSM850/1900 WCDMA850/1900 LTE Band5
2.1051 22.917(a) 24.238(a)	Conducted Band Edge / Spurious Emissions	$> 43 + 10\log_{10}(P[\text{Watts}])$ at Band Edge and for all out-of-band emissions		PASS	GSM850/1900 WCDMA850/1900 LTE Band5
24.232(d)	Peak-Average Ratio	$< 13 \text{ dB}$		PASS	GSM1900, WCDMA1900
2.1055 22.355 24.235	Frequency Stability	$< 2.5 \text{ ppm}$ (part 22) Emission must remain in band (Part 24)		PASS	GSM850, WCDMA850 LTE Band5
24.232(c)	Effective Isotropic Radiated Power	$< 2 \text{ Watts max. EIRP}$	RADIATED	PASS	GSM1900, WCDMA1900
22.913(a.2)	Effective Radiated Power	$< 7 \text{ Watts max. ERP}$		PASS	GSM850, WCDMA850 LTE Band5
2.1051 22.917(a) 24.238(a)	Radiated Spurious Emissions	$> 43 + 10\log_{10}(P[\text{Watts}])$ for all out-of-band emissions		PASS	GSM850/1900 WCDMA850/1900 LTE Band5

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