



EVALUATION REPORT

Applicant Name:

Samsung Electronics Co., Ltd.
129, Samsung-ro, Maetan dong,
Yeongtong-gu, Suwon-si
Gyeonggi-do, 16677, Korea

Date of Evaluation:

04/07/2017

Test Site/Location:

PCTEST Lab, Columbia, MD, USA

FCC ID:

A3LSMJ727S

APPLICANT:

SAMSUNG ELECTRONICS CO. , LTD.

Test Data Re-Use Summary

Introduction

FCC ID: A3LSMJ727S

Equipment Class(es): PCE

Rule Part(s): 2, 22, 24

Frequency Bands: See table below

Attestation: The applicant takes full responsibility that the test data referenced below represents compliance for this FCC ID

Differences

Brief Description: The 2G/3G/4G hardware and software of this device are identical to the implementation in A3LSMJ727A. The operational description includes detailed information about the changes between the devices. The data from that application has been verified through appropriate spot checks to demonstrate compliance for this device as shown in the summary table below.

Spot Check Verification Result Summary (See following pages for data)

Category	Band/Mode	Exposure Condition	Verdict
SAR	UMTS850	Head	Share
		Body-Worn	Share
		Hotspot	Share
	UMTS1900	Head	Share
		Body-Worn	Share
		Hotspot	Share
		Phablet	Share
	LTE B5	Head	Share
		Body-Worn	Share
		Hotspot	Share

Category	Frequency Band	Test Condition	Verdict
EMC	Pt. 22	ERP	Share LTE B5
	Pt. 22	RSE	Share LTE B5
	Pt. 24	ERP	Share
	Pt. 24	RSE	Share

Reference Detail Section

Equipment Class	Reference FCC ID	Report Title	Shared Data
PCE	A3LSMJ727A	2G3G Report	All GSM/UMTS 1900
	A3LSMJ727A	LTE Report	All LTE Band 5
	A3LSMJ727A	SAR Report	All UMTS 850/1900, and LTE Band 5 Data
	A3LSMJ727A		

FCC ID A3LSMJ727S		EVALUATION REPORT		Reviewed by: Quality Manager
Date of Evaluation: 04/07/2017	DUT Type: Portable Handset			Page 1 of 2

SPOT CHECK VERIFICATION DATA

SAR Verification Data Section

Band/Mode	Test Condition	A3LSMJ727A Reported SAR (W/kg)	A3LSMJ727S Reported SAR (W/kg)	Verdict
UMTS850	Head	0.387	0.161	Share
	Body-Worn	0.491	0.348	Share
	Hotspot	0.528	0.380	Share
UMTS1900	Head	0.623	0.682	Share
	Body-Worn	0.462	0.402	Share
	Hotspot	0.745	0.508	Share
	Phablet	2.854	2.470	Share
LTE B5	Head	0.395	0.210	Share
	Body-Worn	0.510	0.366	Share
	Hotspot	0.527	0.394	Share

EMC Verification Data Section

Band/Mode		Test Case	SM-J727A [dBm]	SM-J727S [dBm]	Verdict
Pt. 22	WCDMA 850	ERP	19.21	14.75	Retest
		RSE	N.F.	N.F.	Share
	LTE B5	ERP	21.60	19.34	Share
		RSE	-55.31	-60.84	Share
Pt. 24	GSM 1900	EIRP	31.98	31.85	Share
		RSE	-44.9	-44.36	Share
	WCDMA 1900	EIRP	29.55	30.64	Share
		RSE	-55.38	-58.08	Share

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