

# EVALUATION REPORT

**Applicant Name:**  
Samsung Electronics Co., Ltd.

**Date of Issue:**  
April 12, 2017

**Address:**  
129, Samsung-ro, Maetan dong,  
Yeongtong-gu, Suwon-si Gyeonggido,  
16677, Korea

**Test Site/Location:**  
HCT CO., LTD., 74, Seoicheon-ro 578beon-gil, Majangmyeo,  
Icheon-si, Gyeonggi-do, 17383, Rep. of KOREA

**FCC ID : A3LSMZ200M**

**APPLICANT : Samsung Electronics Co., Ltd.**

**Test Data Re-Use Summary**

**Introduction**

FCC ID : A3LSMZ200M  
 Equipment Class(es) : DTS, DSS  
 Rule Part(s) : 2, 15  
 Application's Statement : The applicant takes full responsibility that the test data referenced below represents compliance for this FCC ID.

Differences Brief Description : The Bluetooth & WLAN hardware and software of this device are identical to the implementation in A3LSMZ200F. 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**

(Note: The detail test data can be found in this documents, Appendix A, hereafter)

Category	Spot Check	Verdict
SAR :	2.4 GHz WLAN	Share
Unlicensed EMC	Band Edge	Share
	Spurious Emissions	Share

**Reference Detail Section**

Reference FCC ID	Equipment Class	Folder Test / RF Exposure	Report Title / Section
A3LSMZ200F	DSS	Bluetooth Report	All Sections
		WLAN DTS Report	All Sections
	DTS	BT LE Report	All Sections
		SAR Report	All Sections



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**Signature**  
**Manager / EunMi Kim**  
**HCT CO.,LTD**

1. Subject: Summary of the spot check for Unlicensed band(s)

Title : A3LSMZ200M Spot checking result									
Model Name : SM-Z200M									
Report	Test Item	Channel	Measured Frequency	A3LSMZ200F Result [dBuV/m]		A3LSMZ200M Result [dBuV/m]		Gap [dB]	
				Peak	Average	Peak	Average	Peak	Average
BT	Band Edge	78	2483.5 MHz~2500 MHz	32.48	29.45	31.93	28.68	-0.55	-0.77
	RSE	0	4882 MHz	50.14	36.41	49.19	35.65	-0.95	-0.76
BT LE	Band Edge	39	2483.5 MHz~2500 MHz	17.06	4.64	16.94	4.57	-0.13	-0.08
	RSE	0	7206 MHz	46.63	33.86	46.33	34.32	-0.30	0.46
DTS	Band Edge	11	2483.5 MHz~2500 MHz	34.01	16.22	32.02	15.65	-1.99	-0.57
	RSE	6	7236 MHz	48.59	38.13	47.11	36.21	-1.48	-1.92

2. Subject: Summary of the spot check for RF Exposure  
 Per FCC KDB 484596 D01 Referencing Test Data DR01-42712 4) e)  
 For RF exposure purposes, each combination of frequency band, wireless mode, and exposure test conditions shall be considered separately. A KDB inquiry is recommended for complex device configurations to confirm appropriate RF exposure test cases

SAR Spot check											
Band	Freq.	Exposure Conditions	Frequency Channel		Tune Up Limit (dBm)	Original Model		Data Re-use Model		Spot Check Result	Deviation (%)
						A3LSMZ200F		A3LSMZ200M			
			Meas. Power	Measured SAR		Meas. Power	Measured SAR				
			(dBm)	1g (W/kg)		(dBm)	1g (W/kg)				
802.11b	2 412 ~ 2 462	Head	2 437	6	17	16.98	0.567	16.99	0.447	Share	-21.2
		Body - worn	2 437	6	17	16.98	0.058	16.99	0.037	Share	-36.2
		Hotspot	2 437	6	17	16.98	0.133	16.99	0.094	Share	-29.3

Note :We measured the WLAN conducted power of the A3LSMZ200M and confirmed that it was within the tune up limit.