

MODEL : SM-G900M

FCC ID : A3LSMG900M

Device Information per KDB 941225 pub (12/15/2010)

KDB 941225 Pub LTE Information				
KDB 941225 Section	FCC ID	A3LSMG900M		
	Form Factor	Smartphone		
1)	Frequency Range of each LTE transmission band	BAND2 : Tx (1850.7~1909.3MHz) BAND4 : Tx (1710.7 ~ 1754.3MHz) BAND5 : Tx (824.7~848.3MHz) BAND17 : Tx (704 ~ 716 MHz)		
2)	Channel Bandwidths	BAND2 : 1.4MHz, 3MHz,5.0MHz, 10MHz, 15MHz, 20MHz BAND4 : 1.4MHz, 3MHz,5.0MHz, 10MHz, 15MHz, 20MHz BAND5 : 1.4MHz, 3MHz,5.0MHz, 10MHz BAND17 : 5.0MHz, 10MHz		
3)	Channel Numbers and Frequencies (MHz)	Low	Mid	High
	LTE Band 2 and BW 1.4MHz	1850.7MHz(18607)	1970MHz(18900)	1909.3MHz(19193)
	LTE Band 2 and BW 3MHz	1851.5MHz(18615)	1970MHz(18900)	1908.5MHz(19185)
	LTE Band 2 and BW 5MHz	1852.5MHz(18625)	1970MHz(18900)	1997.5MHz(19175)
	LTE Band 2 and BW 10MHz	1855MHz(18650)	1970MHz(18900)	1995MHz(19150)
	LTE Band 2 and BW 15MHz	1857.5MHz(18675)	1970MHz(18900)	1992.5MHz(19125)
	LTE Band 2 and BW 20MHz	1950MHz(18700)	1970MHz(18900)	1990MHz(19100)
	LTE Band 4 and BW 1.4MHz	1710.7MHz(19957)	1732.5MHz(20175)	1754.3MHz(20393)
	LTE Band 4 and BW 3MHz	1711.5MHz(19965)	1732.5MHz(20175)	1753.5MHz(20385)
	LTE Band 4 and BW 5MHz	1712.5MHz(19975)	1732.5MHz(20175)	1752.5MHz(20375)
	LTE Band 4 and BW 10MHz	1715MHz(20000)	1732.5MHz(20175)	1750MHz(20350)
	LTE Band 4 and BW 15MHz	1717.5MHz(20025)	1732.5MHz(20175)	1747.5MHz(20325)
	LTE Band 4 and BW 20MHz	1720MHz(20050)	1732.5MHz(20175)	1745MHz(20300)
	LTE Band 5 and BW 1.4MHz	824.7MHz(20407)	836.5MHz(20525)	848.3MHz(20643)
	LTE Band 5 and BW 3MHz	825.5MHz(20415)	836.5MHz(20525)	847.5MHz(20635)
	LTE Band 5 and BW 5MHz	826.5MHz(20425)	836.5MHz(20525)	846.5MHz(20625)
	LTE Band 5 and BW 10MHz	829MHz(20450)	836.5MHz(20525)	844MHz(20600)
	LTE Band 17 and BW 5MHz	706.5MHz(23755)	710MHz(23790)	713.5MHz(23825)
	LTE Band 17 and BW 10MHz	709MHz(23780)	710MHz(23790)	711MHz(23800)
	4)(a)	UE Category	4	
(b)	Modulations Supported in UL	QPSK, 16QAM		
	LTE Transmitter and Antenna Implementation	See Operation Description		
5)	Description of LTE Tx and Ant. Implementation	1 Main TX/RX Ant and 1 Diversity RX Ant		
6)	LTE Voice available?	No		
	Hotspot with LTE+WIFI	Yes		
	Hotspot with LTE+WIFI active with 1XVoice sessions?	No		
7)	LTE MPR Permanently implemented per 3GPP TS 36.101 section A-MPR (Additional MPR) disabled for SAR Testing?	Yes		
8)	Conducted power Table provided for 1RB (low and high offset),	Yes		
9)	Other US Wireless Operating Modes/Bands:			
9-10)	Non-LTE US Wireless Operating Modes/Band	RF Output Power	RF Exposure Configurations	
	850 MHz GSM	32.5dBm	Head Body Hotspot	
	1900MHz GSM	30dBm	Head Body Hotspot	
	850 MHz WCDMA	23dBm	Head Body Hotspot	
	1700 MHz WCDMA	23.5dBm	Head Body Hotspot	
	1900 MHz WCDMA	22.5dBm	Head Body Hotspot	
	2.4GHz Bluetooth	9 dBm	N/A	
	2.4GHz WI-FI	14 dBm	Head	
		17 dBm	Body Hotspot	
		9 dBm	Head	
	5.0GHz WI-FI	11 dBm	Body Hotspot	
11)	Simultaneous Tx Conditions (Voice and Data Configurations)	See SAR Report		
12)	Power Reduction used for SAR Compliance?	No		
13)	Describe Power Reduction (LTE Modes)	N/A		
14)	SAR Test Plan	See SAR Report		
15)	SAR test data, preliminary	See SAR Report		