

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

KDB 941225 Pub LTE Information			
KDB 941225 Section	FCC ID	A3LSMA505GT	
	Form Factor	Smartphone	
1)	Frequency Range of each LTE transmission band	BAND2 : Tx (1850 – 1910MHz), Rx (1930 – 1990MHz) BAND4 : Tx (1710 – 1755MHz), Rx (2110 – 2155MHz) BAND5 : Tx (824 – 849MHz), Rx (869 – 894MHz) BAND12 : Tx (699 – 716MHz), Rx (729 – 746MHz) BAND13 : Tx (777 – 787MHz), Rx (746 – 756MHz) BAND17 : Tx (704 – 716MHz), Rx (734 – 746MHz) BAND26 : Tx (814 – 849MHz), Rx (859 – 894MHz) BAND41 : Tx/Rx (2496 – 2690MHz) BAND66 : Tx (1710 – 1780MHz), Rx (2110 – 2200MHz)	
2)	Channel Bandwidths	BAND2 : 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz BAND4 : 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz BAND5 : 1.4MHz, 3MHz, 5MHz, 10MHz BAND12 : 1.4MHz, 3MHz, 5MHz, 10MHz BAND13 : 5MHz, 10MHz BAND17 : 5MHz, 10MHz BAND26 : 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz BAND41 : 5MHz, 10MHz, 15MHz, 20MHz BAND66 : 1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz	
3)	Channel Numbers and Frequencies (MHz)	Low	Mid
			High
	LTE Band 2 and BW 1.4MHz	1850.7MHz(18607)	1880MHz(18900)
	LTE Band 2 and BW 3MHz	1851.5MHz(18615)	1880MHz(18900)
	LTE Band 2 and BW 5MHz	1852.5MHz(18625)	1880MHz(18900)
	LTE Band 2 and BW 10MHz	1855MHz(18650)	1880MHz(18900)
	LTE Band 2 and BW 15MHz	1857.5MHz(18675)	1880MHz(18900)
	LTE Band 2 and BW 20MHz	1860MHz(18700)	1880MHz(18900)
	LTE Band 4 and BW 1.4MHz	1710.7MHz(19957)	1732.5MHz(20175)
	LTE Band 4 and BW 3MHz	1711.5MHz(19965)	1732.5MHz(20175)
	LTE Band 4 and BW 5MHz	1712.5MHz(19975)	1732.5MHz(20175)
	LTE Band 4 and BW 10MHz	1715MHz(20000)	1732.5MHz(20175)
	LTE Band 4 and BW 15MHz	1717.5MHz(20025)	1732.5MHz(20175)
	LTE Band 4 and BW 20MHz	1720MHz(20050)	1732.5MHz(20175)
	LTE Band 5 and BW 1.4MHz	824.7MHz(20407)	836.5MHz(20525)
	LTE Band 5 and BW 3MHz	825.5MHz(20415)	836.5MHz(20525)
	LTE Band 5 and BW 5MHz	826.5MHz(20425)	836.5MHz(20525)
	LTE Band 5 and BW 10MHz	829MHz(20450)	836.5MHz(20525)
	LTE Band 12 and BW 1.4MHz	699.7MHz(23017)	707.5MHz(23095)
	LTE Band 12 and BW 3MHz	700.5MHz(23025)	707.5MHz(23095)
	LTE Band 12 and BW 5MHz	701.5MHz(23035)	707.5MHz(23095)
	LTE Band 12 and BW 10MHz	704MHz(23060)	707.5MHz(23095)
	LTE Band 13 and BW 5MHz	779.5MHz(23205)	782MHz(23230)
	LTE Band 13 and BW 10MHz	782MHz(23230)	782MHz(23230)
	LTE Band 17 and BW 5MHz	706.5MHz(23755)	710MHz(23790)
	LTE Band 17 and BW 10MHz	709MHz(23780)	710MHz(23790)
	LTE Band 26 and BW 1.4MHz	814.7MHz(26697)	831.5MHz(26865)
	LTE Band 26 and BW 3MHz	815.5MHz(26705)	831.5MHz(26865)
	LTE Band 26 and BW 5MHz	816.5MHz(26715)	831.5MHz(26865)
	LTE Band 26 and BW 10MHz	819MHz(26740)	831.5MHz(26865)
	LTE Band 26 and BW 15MHz	821.5MHz(26765)	831.5MHz(26865)
	LTE Band 41 and BW 5MHz	2506 (39750), 2549.5 (40185), 2593 (40620), 2636.5 (41055), 2680	
	LTE Band 41 and BW 10MHz	2506 (39750), 2549.5 (40185), 2593 (40620), 2636.5 (41055), 2680	
	LTE Band 41 and BW 15MHz	2506 (39750), 2549.5 (40185), 2593 (40620), 2636.5 (41055), 2680	
	LTE Band 41 and BW 20MHz	2506 (39750), 2549.5 (40185), 2593 (40620), 2636.5 (41055), 2680	
	LTE Band 66 and BW 1.4MHz	1710.7MHz(131979)	1745MHz(132322)
	LTE Band 66 and BW 3MHz	1711.5MHz(131987)	1745MHz(132322)
	LTE Band 66 and BW 5MHz	1712.5MHz(131997)	1745MHz(132322)
	LTE Band 66 and BW 10MHz	1715MHz(132022)	1745MHz(132322)
	LTE Band 66 and BW 15MHz	1717.5MHz(132047)	1745MHz(132322)
	LTE Band 66 and BW 20MHz	1720MHz(132072)	1745MHz(132322)
4)(a)	UE Category	6	
(b)	Modulations Supported in UL	QPSK, 16QAM, 64QAM	
	LTE Transmitter and Antenna Implementation	See Operation Description	
5)	Description of LTE Tx and Ant. Implementation	2 Main TX/RX Ant and 1 Diversity RX Ant	
6)	LTE Voice available?	Yes	
	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 6.2.3-6.2.5? (manufacturer attestation to be provided)	Yes	
	A-MPR (Additional MPR) disabled for SAR Testing?	Yes	
8)	Conducted power Table provided for 1RB (low and high offset), 50% RB (centered), 100% RB	Yes	
9-10)	Non-LTE US Wireless Operating Modes/Band	RF Output Power	RF Exposure Configurations
	850 MHz GSM	33.00dBm	Head Body Hotspot
	1900MHz GSM	30.00dBm	Head Body Hotspot
	850 MHz WCDMA	24.50dBm	Head Body Hotspot
	1700 MHz WCDMA	24.00dBm	Head Body Hotspot
	1900 MHz WCDMA	23.50dBm	Head Body Hotspot
	2.4GHz Bluetooth	9dBm	Head
	2.4GHz WI-FI	16.50dBm	Head Body Hotspot
	5GHz WI-FI	15.00dBm	Head Body Hotspot
11)	Simultaneous Tx Conditions (Voice and Data Configurations)	See SAR Report	
12)	Power Reduction used for SAR Compliance?	Yes	
13)	Describe Power Reduction (LTE Modes)	N/A	
14)	SAR Test Plan	See SAR Report	
15)	SAR test data, preliminary	See SAR Report	