

LTE Release 10 Information per KDB 941225 D05A

1)	FCC ID:	VCOIFW522T
2)	References to Standards	
a)	LTE release and version numbers of the 3GPP documents used to implement the specific device(s):	Release 10
b)	3GPP release and version numbers required for power measurements and RF test setup conditions:	Release 10
3)	Explanations of inter-band and intra-band aggregation Capabilities	
a)	Intra-band and inter-band carrier aggregation for both downlink and uplink?	N/A
i)	Support of contiguous and non-contiguous component carriers for intra-band aggregation:	N/A
ii)	Frequency band combinations supported for inter-band carrier aggregation:	N/A
iii)	Number of component carriers, including all combinations, supported for intra-band and inter-band carrier aggregation in the uplink and downlink:	N/A
iv)	The channel bandwidth configurations applicable to each carrier aggregation configuration and the applicable carrier aggregation (CA) Bandwidth Classes: A ... F, etc.:	N/A
v)	Restrictions on certain channel combinations:	N/A
vi)	RB combinations supported by the carrier aggregation configurations:	N/A
b)	Carrier Aggregation is supported for downlink only:	N/A
i)	Frequency bands and channel bandwidths allowed for the uplink and downlink configuration combinations?	N/A
ii)	Uplink maximum output power measurement with downlink carrier aggregation active measured, using the highest output channel measured without downlink carrier aggregation and not more than 1/4 dB higher than the maximum output power measured when downlink carrier aggregation inactive??	N/A
iii)	SAR measurements required for downlink carrier aggregation per 3)b)ii)?	N/A
c)	If Carrier Aggregation is supported for uplink, maximum output power and tune-up tolerance specified for each component carrier in each carrier aggregation configuration are required to determine the SAR test configurations:	N/A
i)	When power reduction applies, the maximum output power specifications and measured results with and without carrier aggregation in the reduced power configurations are included?	N/A
ii)	Does the maximum output power specified for production units, including tune up tolerance, varies across channel bandwidth, modulationm RB allocation, channels etc.?	N/A
d)	Description of Test Equipment and Setup for power and SAR measurements?	See SAR Report
e)	Other restrictions or limitations associated with the carrier aggregation implementation?	N/A
4)	Enhanced SC-FDMA supported in the UL? Provide details of implementation, limitations and restrictions, including:	N/A
a)	Decoupling of control and data transmissions to enable simultaneous transmission of PUCCH and PUSCH	N/A
b)	Non-contiguous data transmission with clustered SC-FDMA to enable non-contiguous subcarriers in PUSCH transmissions.	N/A
c)	Issues relating to dynamic switching between schemes	N/A
d)	When a partially allocated PUSCH, a cluster of partially allocated PUSCH or a fully allocated PUSCH is transmitted simultaneously either with or without PUCCH, peak to average power ratio of the signal can increase substantially above Rel. 8 implementations	N/A
5)	Details of implementation of MIMO or other transmit diversity configurations:	N/A
6)	UE category and descriptions of the category requirements for supporting carrier aggregation, uplink MIMO and other UE configurations:	Category 3
7)	Expected SAR complications with hardware or firmware associated with any LTE Rel. 10 features including: CoMP, HetNet, Relay, SON, cross carrier scheduling, eCIC, enhanced downlink MIMO, MBMS, M2M/D2D support etc.:	N/A
8)	Detailed descriptions of SVLTE support in any carrier aggregation configurations:	N/A
9)	Description of the device and other transmitters contained within it to identify various standalone and/or simultaneous transmission SAR testing concerns.	N/A

