

LTE Release 10 Information per KDB 941225 D05A		
1	FCC ID:	A3LSMA505GT
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?	Intra-band & Inter-band CAs are supported
i)	Support of contiguous and non-contiguous component carriers for intra-band aggregation:	Please see the CA_BCS tab
ii)	Frequency band combinations supported for inter-band carrier aggregation:	Please see the CA_BCS tab
iii)	Number of component carriers, including all combinations, supported for intra-band and inter-band carrier aggregation in the uplink and downlink:	please see a-i), a-ii) section
iv)	The channel bandwidth configurations applicable to each carrier aggregation configuration and the applicable carrier aggregation (CA) Bandwidth Classes; A... F, etc.:	5+5, 5+10, 5+15, 5+20, 10+5, 10+10, 10+15, 10+20, 15+5, 15+10, 15+15, 15+20, 20+5, 20+10, 20+15, 20+20
v)	Restrictions on certain channel combinations:	
vi)	RB combinations supported by the carrier aggregation configurations:	
b)	Maximum output power and tune-up tolerance for each component carrier in each configuration: (if Uplink Carrier Aggregation is supported)	No Uplink supported.
i)	If power reduction applies, maximum output power with and without carrier aggregation in the reduced power configuration:	No Uplink supported.
ii)	Specified output power variation across channels:	No Uplink supported.
c)	Carrier Aggregation is supported for downlink only:	
i)	Frequency bands and channel bandwidths allowed for the uplink and downlink configuration combinations?	please see #10.
ii)	Uplink maximum output power measurement with downlink carrier aggregation active measured, using the highest output channel measured without downlink carrier aggregation?	Yes, Please see SAR report
iii)	Maximum output power in CA mode <0.25 dB higher than without CA?	Yes, Please see SAR report
d)	Description of Test Equipment and Setup for power and SAR measurements?	Yes, Please see SAR report
e)	Other restrictions or limitations associated with the carrier aggregation implementation?	No
4)	Enhanced SC-FDMA supported in the UL? Provide details of implementation, limitations and restrictions, including:	No
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:	No Uplink LTE MIMO Support.
6)	UE category and descriptions of the category requirements for supporting carrier aggregation, uplink MIMO and other UE configurations:	DL UE Cat 6 (QPSK, 16QAM, 64QAM) UL UE Cat 6 (QPSK, 16QAM)
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.:	No expected SAR complications
8)	Detailed descriptions of SVLTE support in any carrier aggregation configurations:	This device does not support SVLTE.
9)	Description of the device and other transmitters contained within it to identify various standalone and/or simultaneous transmission SAR testing concerns.	Please see SAR report please see a-i), a-ii) section
	2CA combination(Downlink)	This device does not support 3CA.
10)	3CA combination(Downlink)	

SM-A505GT/DS			A505GT		
no.	NumCC	CA list	Enable	BCS	Reversible o/x
1	2CC	1C	O	0,1	O
2	2CC	1A-1A	O		O
3	2CC	1A-3A	O	0,1	O
4	2CC	1A-5A	O	0,1	O
5	2CC	1A-7A	O	0,1	O
6	2CC	1A-8A	O	0,1,2	O
8	2CC	1A-28A	O	0,1	O
9	2CC	1A-38A	O		O X
12	2CC	2C	O		O
13	2CC	2A-2A	O		O
14	2CC	2A-5A	O	0,1	O
15	2CC	2A-7A	O		O
16	2CC	2A-12A	O	0,1,2	O
17	2CC	2A-13A	O	0,1	O
18	2CC	2A- 17A	O		O
19	2CC	2A- 28A	O		O
20	2CC	3C	O		O
21	2CC	3A- 3A	O	0,1,2	O
22	2CC	3A- 5A	O	0,1,2,3,4	O
23	2CC	3A- 7A	O	0,1	O
24	2CC	3A- 8A	O	0,1,2,3	O
25	2CC	3A- 20A	O	0,1	O
26	2CC	3A- 28A	O	0,1	O
27	2CC	3A- 38A	O		O X
28	2CC	3A-40A	O	0,1	X
29	2CC	3A- 41A	O	0,1	X
30	2CC	4C	O		O
31	2CC	4A- 4A	O	0,1	O
32	2CC	4A- 5A	O	0,1	O
33	2CC	4A- 7A	O	0,1	O
34	2CC	4A- 12A	O	0,1,2,3,4,5	O
35	2CC	4A- 13A	O	0,1	O
36	2CC	4A- 17A	O		O
37	2CC	4A- 28A	O		O
40	2CC	5A- 7A	O	0,1	O
41	2CC	5A- 40A	O	0,1	X
42	2CC	5A- 41A	O		O X
43	2CC	7C	O	0,1,2	O
44	2CC	7A- 7A	O	0,1,2,3	O
45	2CC	7A- 8A	O	0,1,2	O
46	2CC	7A-20A	O	0,1,2	O
47	2CC	7A- 28A	O	0,1	O
48	2CC	8A- 38A	O		O X
49	2CC	8A- 40A	O	0,1	X
50	2CC	12A- 66A	O	0,1,2,3,4,5	O
51	2CC	20A- 38A	O		O X
52	2CC	20A- 40A	O	0,1	X
53	2CC	28A- 38A	O		O X
54	2CC	28A- 40A	O		O X
55	2CC	28A- 41A	O	0,1	X
56	2CC	28A- 66A	O		O
57	2CC	38C	O		O
58	2CC	40C	O	0,1	O
59	2CC	40A-40A	O	0,1	O
60	2CC	41C	O	0,1,2,3	O
61	2CC	41A-41A	O	0,1	O
62	2CC	66C	O		O
63	2CC	66A-66A	O		O

Not defined at 3GPP rel.15