

Vertu

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Federal Communications Commission
Authorization and Evaluation Division
1435 Oakland Mills Road
Columbia, MD 21046

SUBJECT: FCC Application for FCC ID: P7QVM-03

To Whom It May Concern:

We hereby attest that, LTE release 10 limitations and support restrictions of FCC ID: P7QVM-03 are:

- a) LTE Rel. 10 Cat 4 FDD / WCDMA Rel. 8/ HSDPA Cat24/ HSUPA Cat 6
- b) Downlink Carrier Aggregation (CA) is supported.
 - Both Inter- and intra-band CA are supported
 - Up to a maximum of 2 DL carriers paired with single UL carrier:
 - Support CA Bandwidth Class A and Class C. For different band combination, please see table below

Item	Item / CA Band Combination	Supported Bandwidth Combination Set(s)
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Supported CA configurations for Inter-band CA

1	CA_2-13	(5,10)+10
2	CA_2-17	(5,10)+(5,10)
3	CA_2-5	(5,10,15,20)+(5,10)
4	CA_2-29	(5,10)+(3,5,10)
5	CA_4-5	(5,10)+(5,10)
6	CA_4-13	(5,10)+10
7	CA_4-17	(5,10)+(5,10)
8	CA_4-29	(5,10)+(3,5,10)

Supported CA configurations for Intra-band contiguous CA

1	CA_7	(15+15),(20+20)
2	CA_38	(15+15),(20+20)
4	CA_41	(10,15,20)+(10,15,20)

Supported CA configurations for Intra-band non-contiguous CA

1	CA_4-4	(5,10,15,20)+(5,10,15,20)
2	CA_7-7	(5+15), 10+(10,15), 15+(15,20), (20+20)
3	CA_41-41	(10,15,20)+(10,15,20)

- In CA combinations with LTE Band 29, it cannot be configured as PCell.
- Max aggregate bandwidth supported is 40 MHz.
- c) Uplink TX power is not affected by CA feature
- d) Enhanced SC-FDMA is not supported.
- e) LTE uplink MIMO and other transmit diversity is not supported
- f) UE category is Rel. 10, Category 4
- g) No significant SAR influence was discovered with respect to the hardware or firmware associated with LTE Rel. 10 features.
- h) SVLTE is not supported
- i) Wi-Fi 802.11 a/b/g/n/ac; Bluetooth v3.0+EDR, v4.1+LE and NFC transmitters are contained in this device.

Sincerely yours,



Mark Pope

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