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Product Name:Segment Control unit

Model Number: LCN7700

FCC ID: 2AGBW-LCN7700

RF Exposure Evaluation

This is a Mobile device and normal user distance not less than 20cm,so the SAR evaluation can be exempted and should do the FCC MPE evaluation compliance with below limit requirement

1. Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm ²)	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Note:F=Frequency in MHz

Frequency Band	Power density(Mw/cm ²)	Averaging time(minutes)
850MHz	0.55	30
1900MHz	1.0	30

Note: For 850MHz Band, Use the lowest channel frequency 824.2MHz and get the strict limit

2. The evaluation result of the RF exposure

Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
GSM850	128	824.2	34	2511.89	3.5	2.24	0.498
	190	836.6	33.5	2238.72	3.5	2.24	0.443
	251	848.8	33.4	2187.76	3.5	2.24	0.433
PCS1900	512	1850.2	29.3	851.14	3.5	2.24	0.169
	661	1880.0	29.6	912.01	3.5	2.24	0.181
	810	1909.8	30.3	1071.52	3.5	2.24	0.212

WCDMA	9362	1852.4	19.72	93.76	3.5	2.24	0.019
Band II	9400	1880	20.00	100	3.5	2.24	0.020
	9538	1907.6	18.60	72.44	3.5	2.24	0.014
WCDMA	4132	826.4	26.45	441.57	3.5	2.24	0.088
Band IV	4183	836.6	26.73	470.98	3.5	2.24	0.093
	4233	846.6	26.84	483.06	3.5	2.24	0.096
Conclusion: PASS							

Note: $MPE = (P \cdot G) / 4 \cdot R^2$

R=30cm