

Mobile Station

Relevant Standards Test items	IEEE 802.16e[1]	FCC Part 27[2]	WiMAX Forum[3]
1. Maximum RF output power	N/A	2W in frequency range of 2.5~2.69GHz [27.50]	N/A
2. Frequency Accuracy	No more than 2% of the subcarrier spacing compared to the BS centre frequency [8.4.14.1]	Within the authorized band of operation [27.54]	N/A
3. Spurious emissions	N/A	Follow Part 15B (15.109 & 15.107)	N/A
4. Occupation Band Width	N/A	No limit, for measurement only.	N/A
5. Out Band Emission limits	N/A	For frequency range of 2.5~2.69GHz, Att. > 43 + 10 Log (P) dB at the channel edge Att. > 55 + 10 Log (P) dB at the 5.5MHz from the channel edge, [27.53(1)(4)]	N/A
6. SAR	N/A	1.6W/1kg [FCC 2.1093]	N/A

References:

- [1] IEEE Std 802.16e-2005, Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems Amendment 2: Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in Licensed Bands
- [2] FCC 47CFR Part 27M
- [3] WiMAX ForumTM Mobile Radio Conformance Tests v1.0.0