

Cover Letter

FCC ID:	OUP890200801
Date:	January 20, 2012

Comments	Quietek Lab.
<p>1) For licensed transmitters, FCC policy is to list the allowable frequencies under the rule part applied for. Since the Part 27 BRS and EBS allocations are channelized, the frequency must conform to the channel band plan. The DUT is shown to operate from 2657 to 2687 MHz. However the BRS/EBS frequencies are assigned as follows: BRS H-block 2657-2673.5 MHz EBS G-block 2673.5-2690 MHz Therefore, the frequency range must be listed as 2657-2690 MHz or any subset of the 6 G-block and H-block channels.</p>	<p>The frequency range is listed as 2657-2690 MHz accordingly.</p>
<p>2) The applicant does have considerable leeway in describing the equipment. However, as with all notes on a grant, the description should be accurate. The term MMDS was defined as authorized under an FCC Rule Part (Part 21) that has been deleted. MMDS has been replaced with BRS/EBS services as defined in Part 27 and the frequency allocations have been changed. Therefore, we do not believe that MMDS Transceiver is an accurate description of this device. If the applicant prefers to have MMDS in the description for marketing purposes, we would consider the following to be acceptable:</p> <p>MMDS/BRS/EBS Transceiver Upon further review of the application following your reply we have identified several additional items that must be corrected:</p>	<p>The product description is changed to MMDS/BRS/EBS Transceiver.</p> <p>The related documents are provided.</p>

<p>3) The some of the FCC Rule Sections referenced on Page 10 of the Test Report do not appear to be correct. The first subpart for the occupied bandwidth, spurious emissions and band edge emissions sections is indeterminate in the test report but neither §27.53(1)(4)(6), §27.53(i)(4)(6), nor §27.53(l)(4)(6) exists. In any case, §27.53(m) applies to BRS and EBS devices. Please correct the Rule reference in the test report.</p>	<p>See page 10. Reference made to 27.53(m).</p>
<p>4) The peak output power, occupied bandwidth and band edge emissions test were not performed in conformance with FCC Rules. (a) §27.50(i) specifies that the measurement must be made so as to obtain the true peak measurement for the emission in question over the full bandwidth of the channel. Peak output power measurements made a 2.657 and 2.672 MHz include emissions outside of a designated EBS/BRS channel. Measurements must be made on channels in accordance with the channel plan specified in §27.5(i). (b) §27.5 3(m)(4) specifies that for mobile digital stations, the attenuation factor shall be not less than $43 + 10 \log (P)$ dB at the channel edge and $55 + 10 \log (P)$ dB at 5.5 megahertz from the channel edges. Band edge and occupied bandwidth measurements made a 2.657 and 2.672 MHz include emissions outside of a designated EBS/BRS channel edge. Measurements must be made on channels in accordance with the channel plan specified in §27.5(i).</p>	<p>See revised test report.</p>