

Non-Conformities FCC ID: VMOPS009900 (CKC CS Ref # E08-000003-FCC-01)

The items listed below represent requests for information following review of this application for certification under United States (FCC) regulations. Further question may arise pending review of responses to these items.

OK	#	Non-Conformity or Comment	Submitted Response	Respondent / Date of Response
x	1	IAW 2.1033(c)(6), is power output variable with input? If so, what is the power output range?	5 - 30 W. Power output varies with input as determined by the gain of the product and the maximum output capability of the product. Nominal gain of the product is 8 dB. Input ranges are specified as 20 dBm input, resulting in 28 dBm out, to 37 dBm (5 watt) in, resulting in 45 dBm / (30 watt) output.	CKC Labs - 1/10/08
x	2	The application form indicates various modulation types, however only one modulation waveform appears to have been investigated for emissions. Please clarify what emission type(s) are approved for use with this product.	GMSK only. The product is specifically intended for use with the MDS9710B radio with GMSK modulation. Please correct the application to reflect GMSK only.	CKC Labs 1/10/08
X	3	Since this equipment operates under SMRS bands subject to RF exposure evaluation (MPE) please supply information regarding compliance to 2.1091. If the radio employs a manually activated PTT, then evaluation can be performed at a 50% duty cycle. MPE Calculations must be performed using the gain of a representative (typical) antenna employed for the intended end use. (see filing under E5MDS9710-1 for an example)	MPE calculations have been uploaded.	CKC Labs 1/14/08
x	4	Additional to item 3, an updated users manual will be required giving adequate warning instructions to the user and installer (see filing under E5MDS9710-1 for an example of such a warning statement).	An updated users manual has been uploaded.	CKC Labs 1/14/08