

Technical Services Memo

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Product Code: B3E
Subject Code: CG MD
Part Number: 19D902590
LBI:38764

CATEGORY: STATIONS

SUBJECT: MASTR IIe DCG MODULATION

PROBLEM:

Poor decode reliability of encoded Digital Channel Guard from MASTR IIe station as received on mobiles and portables.

SOLUTION :

To improve Digital Channel Guard (or Low Speed Data) transmit waveforms, the following change may prove helpful.

Refer to System Module schematic sheet 5 in LBI-38764.

Change value of C17 from 1 μ F to 6.8 μ F; Part No. 19A705205P5.

Note: For MASTR III applications refer to TSM Volume 16, Number 12