



# All India Radio



**Corrigendum to Tender Enquiry No.12(32)10- D(P)/549-D(P-S)Cell for “STC of 300KW Solid state AM-DRM Medium Wave Transmitter”**

The following amendments may please be incorporated in the specification No. XTE-209/1 of “STC of 300KW Solid state AM-DRM Medium Wave Transmitter”

**Additional Information**

**300kW Solid State AM-DRM Medium Wave Transmitter Specification Document No. XTE-209/1.**

Station	Station frequency(KHz)	Mast Height(M)	Mast base impedance at Station Frequency	Remarks
Jammu	990	115	557.81-j68.49	Single Mast
Jalandhar	873	140	592.7-j198.31	Single Mast
Dibrugarh	567	120	38.97+j22.5	Single Mast
Lucknow	747	182	499.5-j865.15	Single Mast
Rajkot	810	182	209 – j 320	Single Mast

**TABLE – 2**

**300kW Solid State AM-DRM Medium Wave Transmitter Specification Document No. XTE-209/1.**

Station	Station frequency	Mast Height(M)	Mast base impedance at	Spacing between	Line of Mast
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	<b>(KHz)</b>	<b>Active</b>	<b>Passive</b>	<b>Station Frequency</b>	<b>Mast (M)</b>	<b>(Degree East of North)</b>
Surat Garh	918	110	108	199.05+j 168.81 for active Mast	32.67	20

Mast base impedance measurements for 300 KW, Medium Wave Transmitting Antennae have been undertaken by All India Radio at  $\pm 20$  kHz from centre frequency. They indicate that the VSWR at  $\pm 10$  kHz from centre frequency is 1.1:1 or better. Even the VSWR at  $\pm 20$  KHz from centre frequency is also very close to 1.1:1 or better."

Yours faithfully,

(Swati Maitra)  
Assistant Engineer(Purchase)  
For DG:All India Radio