



All India Radio



Corrigendum to Tender Enquiry No. 12(27)10- D(P)/544-D(P-S)Cell for “STC of 200KW Solid state AM-DRM Medium Wave Transmitter”

The following amendments may please be incorporated in the specification No. XTE-203/1 of “STC of 200KW Solid state AM-DRM Medium Wave Transmitter”

200kW Solid State AM-DRM Medium Wave Transmitter Specification Document No. XTE-203/1.

Station	Station Freq. (KHz)	Mast Height (M)	Mast base impedance at operating frequency	Remarks
Ahmedabad	846	175	150.6-j286.86	Single mast
Dharwad	765	115	113.9 + j 155.7	Single mast
Jabalpur	801	175	279 – j 384	Single mast
Ajmer	603	200	623 + j 58	Single mast

200kW Solid State AM-DRM Medium Wave Transmitter Specification Document No. XTE-203/1.

Station	Station Freq. (KHz)	Mast Height (M)	Mast base impedance of Active Mast at operating	Spacing between Mast (M)	Line of Mast (Degree East of North)
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		Active	Passive	frequency		
Delhi "A"	819	182	185	150 – j 305	91.5	340
Bangalore, Chennai "A"	612	122	122	63.5 + j 78.5	122.5	10
Siliguri,	720	148	122	347.87+j393.2	41.66	40
Kolkata "A",	711	90	90	46.81+j42.15	42.2	50
Itanagar	657	122	122	77 + j115	114.15	50
	675	115	115	35+j58	44.4	150

Mast base impedance measurements for 200 KW Medium Wave Transmitting Antennae have been undertaken by All India Radio at ± 20 kHz from centre frequency. They indicate that the VSWR at ± 10 kHz from centre frequency is 1.1:1 or better. Even the VSWR at ± 20 KHz from centre frequency is also very close to 1.1:1 or better."

Yours faithfully,

(Swati Maitra)
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For DG:All India Radio