

WMIZ Table #7. Radial Meas. Brg.253. Deg. DA/1 Pattern Comparison.

Point #	Dist. (km)	Ref.DA (mv/m)	Date 2001	Time (hrs)	DA/1 (mv/m)	Ratio DA/Ref	Log Ratio
253-1	0.97	25.	08/23	1200	27.	1.080000	0.0334238
253-2	1.13	30.	08/23	1207	33.	1.100000	0.0413927
253-3	1.29	20.	08/23	1215	22.	1.100000	0.0413927
253-4	1.45	19.	08/23	1219	20.	1.052632	0.0222764
253-5	1.61	12.	08/23	1227	10.	0.833333	-0.0791812
253-6	1.77	9.	08/23	1235	12.	1.333333	0.1249387
253-7	1.93	8.	08/23	1241	10.	1.250000	0.0969100
253-8	2.09	8.5.	08/23	1251	10.	1.176471	0.0705811
253-9	2.25	8.	08/23	1307	10.	1.250000	0.0969100
253-10	2.41	6.5	08/23	1319	8.	1.230769	0.0901766
Average Logarithm							0.0538821
Average anti-log							1.1320930
Average Pattern Ratio						1.140654	1.1320930

Reference Pattern field (Ratio) 1.00
Reference Pattern field (Anti-log) 0
Reference Pattern D/A Field 39.6 mv/m @ 1km. (0.360 kw)
Measured Pattern D/A Field 45.1 mv/m @ 1km (0.360 kw)
Max Allowable 48.3 mv/m @ 1km.

WMIZ Table #8 Radial Meas. Brg.314 deg. DA/1 Pattern Comparison.

Point #	Dist. (km)	Ref.DA (mv/m)	Date 2001	Time (hrs)	DA/1 mv/m	Ratio DA/Ref	Logarithm
314-1	0.97	80.	08/23	1400	80.	1.000000	0.0000000
314-2	1.13	69.	08/23	1409	75.	1.086957	0.0362122
314-3	1.29	60.	08/23	1419	65.	1.083333	0.0347621
314-4	1.45	40.	08/23	1425	45.	1.125000	0.0511525
314-5	1.61	42.	08/23	1435	45.	1.071428	0.0299632
314-6	1.77	39.	08/23	1439	35.	0.897436	-0.0469966
314-7	1.93	28.	08/23	1443	25.	0.892857	-0.0492180
314-8	2.09	24.5	08/23	1449	23.	0.938776	-0.0274382
314-9	2.25	20.	08/23	1456	19.	0.950000	-0.0222764
314-10	2.41	21.	08/22	1409	20.	0.952381	-0.0211893
Average Logarithm							0.092381
Average anti-log							1.0034666
Average Pattern Ratio							1.0034666

Reference Pattern field (Ratio) 1.00
Reference Pattern field (Anti-log) 0
Reference Pattern D/A Field 131.7 mv/m @ 1km. (0.360 kw)
Measured Pattern D/A Field 132.2 mv/m @ 1km (0.360 kw)
Max Allowable 144.8 mv/m @ 1km.