

WMIZ Table #3. Radial Meas. Brg.100. 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
100-1	0.97	170.	08/22	1100	175.	1.029412	0.0125891
100-2	1.13	150.	08/22	1106	155.1	1.033333	0.0142404
100-3	1.29	85.	08/22	1111	91.	1.070588	0.0296225
100-4	1.45	90.	08/22	1116	84.	0.933333	-0.0299632
100-5	1.61	68.	08/22	1125	65.	0.955882	-0.0195956
100-6	1.77	69.	08/22	1131	73.	1.057971	0.0244738
100-7	1.93	60.	08/22	1144	60.	1.000000	0.0000000
100-8	2.09	50.	08/22	1151	48.	0.960000	-0.0177288
100-9	2.25	34.	08/22	1205	32.	0.941176	-0.0263289
100-10	2.41	33.	08/22	1209	35.	1.060606	0.0255541

Average Logarithm		0.0012866
Average anti-log		1.0029669
Average Pattern Ratio	1.004230	1.0029669

Reference Pattern field (Ratio)	1.00	
Reference Pattern field (Anti-log)	0	
Reference Pattern D/A Field	309.1 mv/m @ 1km.	(0.360 kw)
Measured Pattern D/A Field	310.3 mv/m @ 1km	(0.360 kw)
Max Allowable	320. mv/m @ 1km.	

WMIZ Table #4 Radial Meas. Brg.134 deg. DA/1 Pattern Comparison.

Point #	Dist. (km)	Ref.DA (mv/m)	Date 2001	Time (hrs)	DA/1 mv/m	Ratio DA/Ref	Logarithm
134-1	0.97	235.	08/22	1300	240.	1.021277	0.0091434
134-2	1.13	180.	08/22	1308	195.	1.083333	0.0347621
134-3	1.29	195.	08/22	1315	205.	1.051282	0.0217192
134-4	1.45	160.	08/22	1319	160.	1.000000	0.0000000
134-5	1.61	125.	08/22	1325	120.	0.960000	-0.0177288
134-6	1.77	100.	08/22	1331	107.	1.070000	0.0293838
134-7	1.93	90.	08/22	1337	80.	0.888889	-0.0511525
134-8	2.09	70.	08/22	1344	75.	1.107143	0.0299632
134-9	2.25	58.	08/22	1359	55.	0.948276	-0.0230653
134-10	2.41	55.	08/22	1409	50.	0.909091	-0.0413927

Average Logarithm		-0.0837246
Average anti-log		0.8246609
Average Pattern Ratio	1.003929	0.8246609

Reference Pattern field (Ratio)	1.00	
Reference Pattern field (Anti-log)	0	
Reference Pattern D/A Field	346.4 mv/m @ 1km.	(0.360 kw)
Measured Pattern D/A Field	347.7 mv/m @ 1km	(0.360 kw)
Max Allowable	350.0 mv/m @ 1km.	