

Darling Downs Radio Club Inc

Second Monday of the Month

**Management Committee Meeting
Monday August 14th 2023 7:00 pm**



**Community Venues, Level 3
City Library Building, Victoria St, Toowoomba**
If you have any matters to raise please

**bring them to the attention of
the Management Committee
or Steering Committee members**

Followed By Social/Technical Talk at 7:30 pm

Preparing for the September Equinox activity on 6 metres

**Dougal VK4EKA will look at propagation and what to look for for good signals through
August to October on 6 metres.**

How 6 metres gets across the Equator? Europe and America

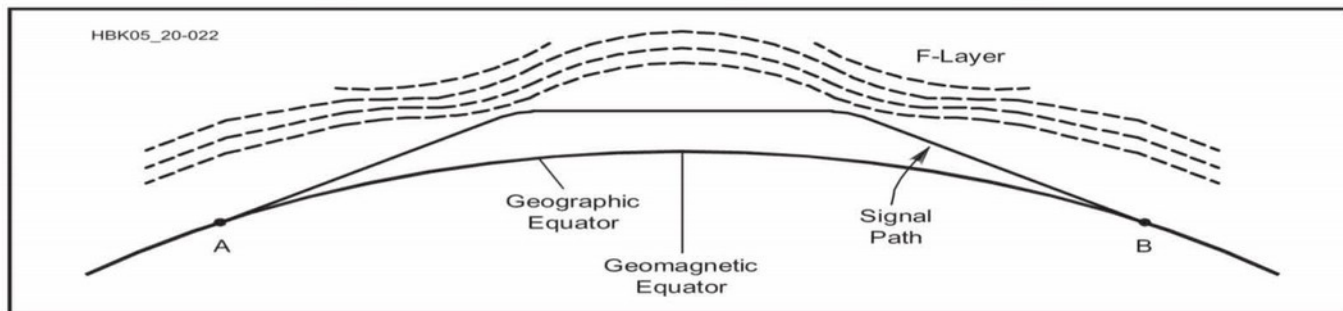


Fig 19.22 — Cross-section of a transequatorial signal path, showing the effects of ionospheric bulging and a double refraction above the normal MUF.

UTC	dB	DT	Freq	Message	UTC	dB	DT	Freq	Message	UTC	dB	DT	Freq	Message
230415	-2	0.5	1090	~ TG9AJR VK4EM 73	223745	7	0.3	2291	~ CQ VK4QG QG63	224145	Tx	1207	~	CQ VK4EKA QG62
230415	4	0.3	2292	~ 9Y4D VK4QG -23	223800	-13	0.3	469	~ VK4DCM XE1MEX -17	224215	Tx	1207	~	CQ VK4EKA QG62
230415	-2	0.5	2279	~ CQ VK4ZD QG62	223800	15	0.3	1433	~ XE1FAS VK4TUX QG62	224245	Tx	1207	~	CQ VK4EKA QG62
230430	-11	0.5	1021	~ CQ TG9AJR EK44	223800	-11	0.4	2021	~ CQ TG9AJR EK44	224230	3	0.4	2022	~ VK4EKA TG9AJR -19
230445	-1	0.3	350	~ CQ VK4MA QG64	223815	-9	0.3	953	~ XE1MEX VK4ADC QG62	224247	Tx	1207	~	TG9AJR VK4EKA R+03
230445	5	0.4	529	~ 9Y4D VK4HJ QG63	223830	-8	0.3	469	~ VK4DCM XE1MEX RR73	224300	3	0.4	2021	~ VK4EKA TG9AJR -19
230445	1	0.5	2279	~ CQ VK4ZD QG62	223830	15	0.3	1433	~ XE1FAS VK4TUX QG62	224315	Tx	1207	~	TG9AJR VK4EKA R+03
230515	-3	0.3	350	~ CQ VK4MA QG64	223830	-9	0.4	2021	~ CQ TG9AJR EK44	224330	2	0.4	2021	~ VK4EKA TG9AJR RR73
230515	6	0.4	533	~ 9Y4D VK4HJ QG63	223845	-8	0.4	953	~ XE1MEX VK4ADC QG62	224345	Tx	1207	~	TNX 73 GL 5W
230515	1	2.0	1379	~ TG9AJR VK4TP QG52	223845	-2	0.5	1076	~ CQ VK4EM QG52	224400	4	0.4	2021	~ VK4EKA TG9AJR RR73
230515	2	0.4	2292	~ XE1MEX VK4QG -16	223845	-18	0.4	1939	~ XE1MEX VK4DCM 73					
230515	-2	0.5	2279	~ CQ VK4ZD QG62	223900	-10	0.3	469	~ VK4ADC XE1MEX -11					
230530	-17	0.4	1020	~ ZL1RQ TG9AJR RR73	223900	14	0.3	1433	~ XE1FAS VK4TUX QG62					
230545	1	2.0	1380	~ TG9AJR VK4TP QG52	223900	-7	0.4	2021	~ CQ TG9AJR EK44					
230545	0	0.5	2279	~ CQ VK4ZD QG62	223915	-10	0.4	953	~ XE1MEX VK4ADC R+00					
230615	-13	0.4	1217	~ TG9AJR VK4RF -17	223915	-1	0.5	1077	~ CQ VK4EM QG52					
230615	2	2.0	1381	~ TG9AJR VK4TP QG52	223930	-11	0.3	469	~ VK4ADC XE1MEX RR73					
230615	1	0.5	2279	~ CQ VK4ZD QG62	223930	14	0.3	1433	~ XE1FAS VK4TUX QG62					
230645	-11	0.4	1217	~ TG9AJR VK4RF -19	223945	-8	0.4	953	~ XE1MEX VK4ADC 73					
230645	2	2.0	1382	~ TG9AJR VK4TP QG52										
230645	1	0.5	2279	~ CQ VK4ZD QG62										
230715	3	0.4	537	~ 9Y4D VK4HJ -19										
230715	-10	0.4	1210	~ TG9AJR VK4RF -17										

A sample from the last year

Note some of the Callsigns worked

TG9AJR, XE1MEX and 9Y4D

in one opening to the Carribean

other days included some USA

this screenshot December 4th 2022

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**Note some of the Callsigns worked
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this screenshot December 4th 2022