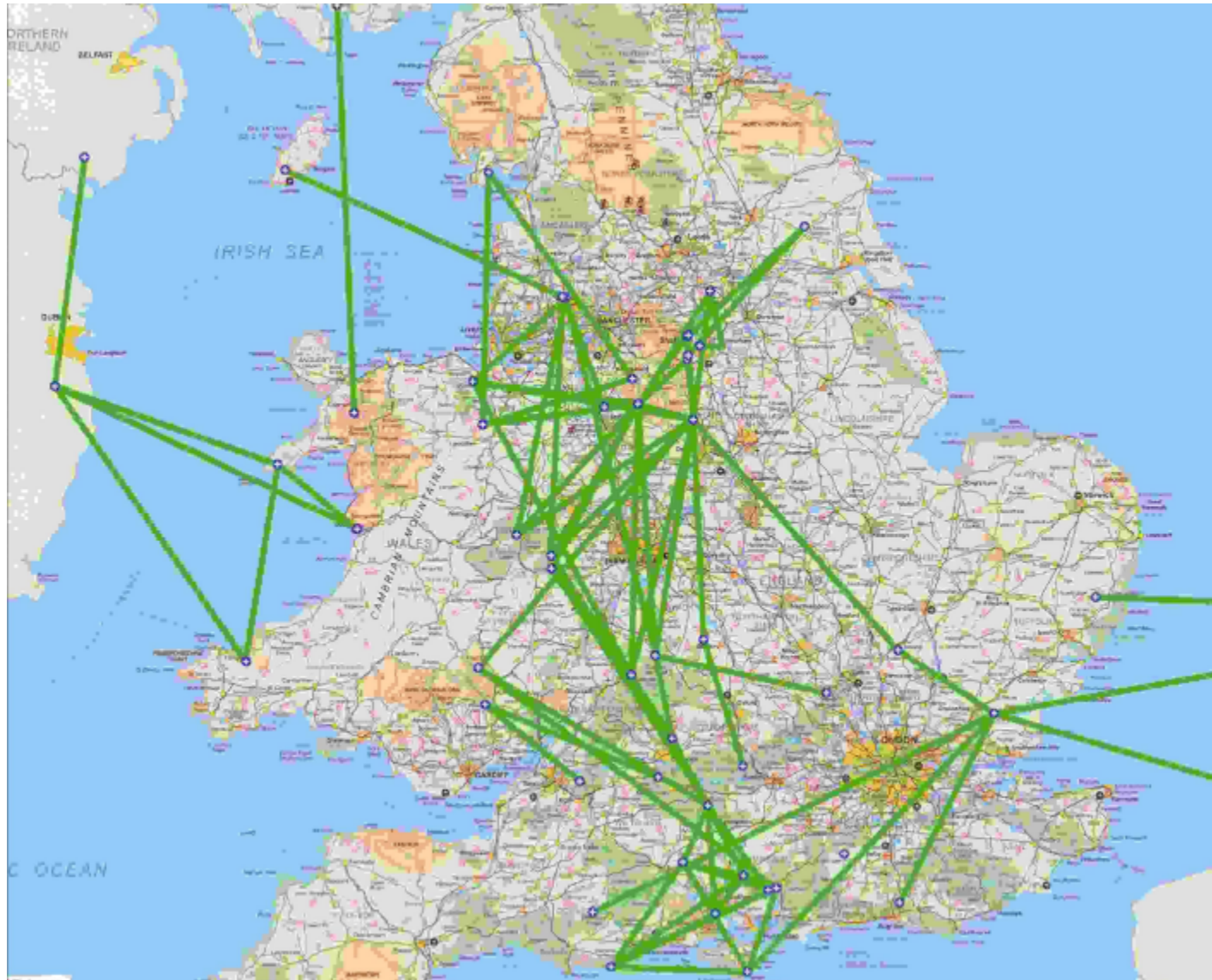


UK Amateur Microwave Terrestrial Distance Records

- **1.3GHz** **2617km**
- **2.3GHz** **1083km**
- **3.4GHz** **980km**
- **5.7GHz** **1244km**
- **10GHz** **1275km**
- **24GHz** **391km**
- **47GHz** **203km**
- **76GHz** **79.6km**
- **134GHz** **17.7km**
- **145GHz** **1.29km**
- **Light (red)** **76km** - free-space link

See Slide 3 for UK and World Distance Records

Some of the long distance two way links achieved by UK radio amateurs on 24GHz during 2005



BAND (GHz)	DX (km)	CALLSIGN (from)	LOCATOR	CALLSIGN (to)	LOCATOR	MODE	DATE OF CONTACT
1.3 WORLD	4143	KH6HME	BK29	XE2/N6XQ	DL29	CW	15 JULY 1989
1.3 UK	2617	G6LEU	IO70ME	EA8XS	IL28GA	SSB	29 JUNE 1985
1.3 EME	18773	PA0SSB	JO11WI	ZL3AAD	RE66GR	CW/SSB	13 JUNE 1983
2.3 WORLD	3980	N6CA	DM03TS	KH6HME	BK29GO	CW	14 JULY 1994
2.3 UK	1329	G3XDY	JO02OB	SM0SBI	JO99CF	CW	10 DEC 2004
2.3 EME	16480	NU7Z	?	ZS6AXT	?	CW	13 JUNE 1999
3.4 WORLD	3980	N6CA	DM03TS	KH6HME	BK29GO	CW	28 JULY 1991
3.4 UK	980	G3XDY	JO02OB	LA6LCA	JO59FE	CW	10 AUG. 2003
3.4 EME	8554	W5LUA	EM13QC	OK1CA	JO70GM	CW	13 JUNE 2002
5.7 WORLD	3980	N6CA	DM03TS	KH6HME	BK29GO	CW	29.JULY.1991
5.7 UK	1244	G3XDY	JO020B	OK2BFH	JN99FN	CW	17 SEPT 2003
5.7 EME	10246	WB5LUA	EM13QC	JA7BMB	?	CW	12 NOV 1997
10 WORLD	2079	4X/DJ4AM	Israel	I/DJ3KM	Lampedusa Isl	SSB	25 JUNE 2000
10 UK	1275	G3GNR	IO70WT	SM6ESG	JO67CC	CW	14 JAN 1997
10 EME	18340	ZL1GSG	RF72GV	DJ7FJ	JM68DH	CW	1 MAR 1997
24 WORLD	544	WW2R/5 (G4FRE)	EM41HC	W5LUA	EM13QC	CW (RST549)	07 SEPT 2002
24 UK	391	G4KGC	IO92RG	PA0EZ	JO22OF	CW	14 JAN 1997
24 EME	9512	AA6IW	CM87VI	RW3BP	KO85WS	CW	21 APRIL 2002
47 WORLD	343	AD6FP	DM07BS	W6QI	DM04MS	SSB?	30 OCT 2005
47 UK	203	GM7MRF/P	IO74UV34	GW0IVA/P	IO73XB18	CW	21 OCT 2001
47 EME	9967	AD6FP	DM04MS	RW3BP	KO85WS	CW	23 JAN 2005
76 WORLD	175.3	W0EOM, AD6FP	CM88QQ	KF6KVG	CM97AE	CW	16 NOV 2001
75/76 UK	79.6	G3PYB/P	IO90JO	G8ACE/P	IO90HW	CW & NBFM	01 SEPT 2002
122 WORLD	114	WA1ZMS/4	EM96UR	W4WWQ/4	FM07FM	CW	18 JAN 2005
136 WORLD	79.6	WA1ZMS/4	EM96WX	W2SZ/4	FM07FM	FSK CW	14 DEC 2005
145 WORLD	79.6	WA1ZMS/4	EM96WX	W2SZ/4	FM07FM	CW	12 JAN 2003
145 UK	1.29	G4FRE/P	JO01BX	G7FRE	JO01BX	SSB	02 JUNE 2000