





Antenna Comparison

2020/07/17

KW4JM/QRPGuys 3 band vert (¼ wavelength on 20m) 5w 2 transmissions, 4 hits, 7.5dB average

de	dx	freq	cq/dx	snr	speed	time
KM3T-2	 K0BXB	14060.0	CW CQ	6 dB	16 wpm	1550z 17 Jul
W8WWV	 K0BXB	14060.0	CW CQ	12 dB	16 wpm	1549z 17 Jul
WZ7I	 K0BXB	14060.0	CW CQ	7 dB	16 wpm	1549z 17 Jul
WE9V	 K0BXB	14059.9	CW CQ	5 dB	16 wpm	1549z 17 Jul


KW4JM/QRPGuys 3 band vert 5w, 1 hit, 11dB

de	dx	freq	cq/dx	snr	speed	time
W3RGA	 K0BXB	7041.0	CW CQ	11 dB	15 wpm	1657z 17 Jul


DIY 6' Short Vertical (~ QRPGuys DS-1) 5w 4 transmissions, 3 hits, 4dB average

WE9V	 K0BXB	14061.9	CW CQ	1 dB	17 wpm	1555z 17 Jul
K1RA	 K0BXB	14062.1	CW CQ	8 dB	16 wpm	1554z 17 Jul
W8WWV	 K0BXB	14062.0	CW CQ	3 dB	16 wpm	1553z 17 Jul


DIY 6' Short Vertical (~ QRPGuys DS-1) 5w 3 transmissions 1 hit, 15dB

de	dx	freq	cq/dx	snr	speed	time
W3RGA	 K0BXB	7039.0	CW CQ	15 dB	15 wpm	1701z 17 Jul





MFJ 40-10 EFHW Inv Vee 5 w 3 transmissions, 4 hits, 19.5 dB average

de	dx	freq	cq/dx	snr	speed	time
W3OA	 K0BXB	14058.0	CW CQ	12 dB	15 wpm	1600z 17 Jul
WE9V	 K0BXB	14057.9	CW CQ	11 dB	15 wpm	1559z 17 Jul
KM3T-2	 K0BXB	14058.0	CW CQ	25 dB	17 wpm	1559z 17 Jul
WZ7I	 K0BXB	14058.0	CW CQ	29 dB	16 wpm	1558z 17 Jul

MFJ 40-10 EFHW Inv Vee 5 w 3 transmissions, 2 hits, 5dB average










de	dx	freq	cq/dx	snr	speed	time
K3PA	 K0BXB	7042.0	CW CQ	5 dB	15 wpm	1707z 17 Jul
WZ7I	 K0BXB	7042.0	CW CQ	5 dB	14 wpm	1706z 17 Jul

DIY 1 meter Mag Loop inside 5w 6 transmissions, 4 hits, 4 dB average 20m

de	dx	freq	cq/dx	snr	speed	time
VE6JY	 K0BXB	14064.0	CW CQ	8 dB	16 wpm	1621z 17 Jul
K1RA	 K0BXB	14064.1	CW CQ	4 dB	17 wpm	1620z 17 Jul
W1NT-2	 K0BXB	14064.0	CW CQ	1 dB	17 wpm	1609z 17 Jul
K1RA	 K0BXB	14064.1	CW CQ	3 dB	16 wpm	1609z 17 Jul

DIY 1 meter mag Loop inside 5w 3 transmissions, no hits 40m

G5RV 5w 3 transmissions, 9 hits, 6.6dB average

de	dx	freq	cq/dx	snr	speed	time
WZ7I	 K0BXB	14057.0	CW CQ	7 dB	16 wpm	1630z 17 Jul
KO7SS-7	 K0BXB	14057.1	CW CQ	1 dB	16 wpm	1629z 17 Jul
W8WWV	 K0BXB	14057.0	CW CQ	10 dB	16 wpm	1629z 17 Jul
VE6JY	 K0BXB	14057.0	CW CQ	8 dB	16 wpm	1629z 17 Jul
WE9V	 K0BXB	14056.9	CW CQ	3 dB	16 wpm	1629z 17 Jul
K1RA	 K0BXB	14057.1	CW CQ	14 dB	16 wpm	1629z 17 Jul
KM3T-2	 K0BXB	14057.0	CW CQ	5 dB	16 wpm	1629z 17 Jul
N0OI	 K0BXB	14057.1	CW CQ	4 dB	16 wpm	1629z 17 Jul
AC0C	 K0BXB	14057.0	CW CQ	7 dB	16 wpm	1628z 17 Jul

G5RV 5w 3 transmissions, 3 hits, 6.6dB average

de	dx	freq	cq/dx	snr	speed	time
K1RA	 K0BXB	7038.0	CW CQ	7 dB	14 wpm	1712z 17 Jul
WZ7I	 K0BXB	7038.0	CW CQ	6 dB	14 wpm	1710z 17 Jul
K3PA	 K0BXB	7038.0	CW CQ	7 dB	14 wpm	1710z 17 Jul