Transmit Composite Noise
Radio Comparisons

By Rob Sherwood, NCØB
and Robi Vilhar, S53WW

Radio	Offset Frequency 10 kHz	20 kHz	100 kHz
Apache 7000DLE	-145	-147	-151
Flex 6700	-143	n/a	-148
K3S	-141	n/a	-143
FTdx-101D	-137	-138	-141
@FTdx-101D	-134	-137	-140
FTdx-101MP	-134	-136	-139
@K3	-133	-140	-149
FTdx10	-130	-131	-135
IC-7851	-129	n/a	-138
@IC-7610	-129	-133	-141
FT-710	-129	-131	-134
IC-7610	-128	-130	-142
@FT-1000 MP	-123	-129	-133
@IC-7600	-122	-130	-142
Flex 6400	-122	-127	-139
IC-705 ^	-121	-122	-128
IC-7300	-121	-121	-124
FTdx-3000	-120	n/a	-121
TS-890S	-119	-127	-139
@TS-590SG	-119	-133	-139
@Flex 6600	-118	-123	-141
@TS-890S	-117	-127	-138
@FT-2000	-117	-127	-130
@Flex 1500 #	-116	-119	-120
@IC-7300 *	-112	-112	-118
IC-7300 +	-110	-109	-116

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NOTES
Data sorted by 10 kHz composite noise column
Results shown in dBc/Hz using
Measurements made on 20 meters
TX power: 100 Watts, (unless indicated)
Robi Vilhar's (S53WW) data was measured using a QS1R SDR Receiver; (data preceded by @)
Rob Sherwood's (NCØB) data was measured using a Perseus SDR Receiver

LEGEND
n/a = data not available
^ Power at 10 watts IC-705
# Power at 5 watts Flex 1500
***** Measured at 50 watts for IC-7300
+ Measured at 30 watts for IC-7300
@ [Model] = data from Robi Vilhar, S53WW

Note: although we used two different types of receivers, where we measured the same model of transceiver, the data corolation was reasonably good. We are comfortable publishing this combined chart.