

TRANSIIVERITE VÖRDLUSTABEL TALVEPÄEV 2012

Andres Iives, ES1AN

Ülevaade koostatud ARRL labori ja Sherwood Engineering tabelite alusel
Transiiverid sorteeriti 2kHz ribas vastavalt parimale tulemusele
Tabelis esitatud numbrid on orientiiriks ning võib esineda ebatäpsusi
Soovitav võrrelda ka järjestust "Reciprocal mixing noise 2kHz" tabeli alusel

RIG / MODEL	Blocking 100kHz	Blocking 20kHz	Blocking 2kHz	Reciprocal mixing noise 2kHz	Dyn. Range Wide 20kHz	Dyn. Range Narrow 2kHz	Jrk. nr	EUR		SOOVITUSED KLASSIS Kuni 1000 EUR	Jrk.nr
								Hinnad olenevad kompl.			
Yaesu FTdx-5000D		136 dB *	136 dB *	-104 dBc	114 dB !	114 dB !	1	5.069,0...6.040,0	oleneb kompl.	Perseus	4
Elecraft K3	140s	142 dB !	140 dB	-86 dBc	106 dB	103 dB	2	1.590.....min.	oleneb kompl.	FlexRadio FLEX-1500	18
		139 dB	139 dB	-95 dBc	103 dB	102 dB	3	Kui Sub., 2.045.....		Yaesu FT-450D	32
Perseus	125			-126 dBc	99	99 db	4	835,0		Kenwood TS-480SAT	41
TenTec Eagle 599AT		136 dB	121 dB	-95 dBc	98 dB	98 db	5	2.280,0		Icom IC-7200	56
Kenwood TS-590S		141 dB !	126 dB	-91 dBc	106 dB	97 dB	6	1.650,0		IC-718	
Perseus		129 dB	129 dB	-126 dBc	100 dB	97 dB	7	835,0		Yaesu FT-450	57
FLEX-5000A	123s			-99 dBc	96	96 db	8	3000,0		Yaesu FT-450AT	
TenTec Orion-II		136 dB	136 dB		92 dB	95 dB	9	4.7000...5.126,0	oleneb kompl.	FT-757D	64
Icom IC-7700		125 dB	102 dB	-78 dBc	106 dB	95 dB	10	5.650,0...7.268,0		FT-897D	
TenTec 599AT Eagle	130				95f	95i db	11	1200		FT-817ND	
FLEX-3000		113 dB	113 dB	-112 dBc	99 dB	95 dB	12	1500			
TenTec Orion	137				96	93 db	13				
Eagle	135s			-95 dBc	93f	90f	14	2.050,0...2.340,0	oleneb kompl.	1000-1500 EUR	
Icom IC-7410		143 dB !	111 dB	-78 dBc	106 dB	88 dB	15	1.795,0...1.870		Kenwood TS-480HX	41
Icom IC-7600		122 dB	102 dB	-82 dBc	106 dB	88 dB	16	3.530,0...3.956,0		Yaesu FT-950	43
Icom IC-7800 V2		144 dB !	117 dB		108 dB	86 dB	17	10.718,0		Icom 7000	59
FlexRadio FLEX-1500		107 dB	107 dB	-107 dBc	100 dB	86 dB	18	700,0		TenTec 599AT Eagle	5
Yaesu FTdx9000MP		137 dB	102 dB	-92 dBc	99 dB	85 dB	19	10.200,0			
Ten-Tec Omni VII		137 dB	134 dB		91 dB	82 dB	20	2.500...2.8000,0	oleneb kompl.	1500 - 2000 EUR	
Kenwood TS-830YK88	122				84	81db	22			Elecraft K3	2
Icom IC-765	143				102	81f j m db	23			Kenwood TS-590S	6
Icom IC-7800	>135				102	80f db	24	9.280,0		FLEX-3000	12
Ten-Tec Omni VI+	145				97	80 db	25			Icom IC-7410	15
Yaesu FTdx9000C		128 dB	97 dB		101 dB	78 dB	26	6.031,0 FTdx9000D: 10.000,0 FTDX-9000MP: 400W,10.857,0		KenwoodTS-2000	
IC-781, updated 18.04.2006	131				98	78 db	27			Kenwood TS-2000E	
IC-720A	138				93	78 db	28				
Kenwood TS-820S	115				79	78 db	30			2000-2500 EUR	
Kenwood TS-850 inrad400	128				90	77 db	31			Ten-Tec Omni VII	20
Yaesu FT-450D		134 dB	88 dB	-74 dBc	97 dB	76 dB	32	715...1025		Yaesu FT-2000	60
756 Pro III	142				99 db	75 db	33	2.600... ja 1200,0 kasut.		Kenwood TS-2000X	
756 Pro II	138				98 db	75 db	34			Ten-Tec Omni VII	20
706MkIIg	126				87 db	74 db	35	Kasutaud 690,0			
IC-730	135				92	74 db	36			2500-3000 EUR	
IC-781					94	73 db	37			756 Pro III	33
TS-930S	143				86	73 db	38			Yaesu FT-2000	60
IC-701	130				81	73 db	40				
Kenwood TS-480HX	142				99	72 db	41	1.060,0			
Kenwood TS-480SAT								850,0...950,0		3000-3500 EUR	8
Yaesu FT-1000MPV Field (rod	135				89	71k db	42			FLEX-5000A	16
Yaesu FT-950		128 dB	98 dB	-57 dBc	95 dB	71 dB	43	1.280,0		Icom IC-7600	
756 Pro	132				86	71 db	44			FT-2000D	
TS-830S	122				84	70 db	45				
IC-761	145				87	70 db	46	637,0 kasutatud			
Alinco DX-SR8T		100 dB	83 dB	-60 dBc	94 dB	70 dB	47	723,0		4000-5000 EUR	
Yaesu FT-2000D		136 dB	87 dB	-76 dBc	98 dB	69 dB	48			TenTec Orion-II	9
TS-870S	137				95	69 db	50				
Yaesu FT-1000MPV Field	135				88	69 db	51	Kasut 1250,0			
FT-1000 D	>131				90	69 db	52			5000-6000 EUR	
TS-430S	134				78	69 db	53			Yaesu FTdx-5000D	1
FT-1000 MP	>135				97	68 db	54			Icom IC-7700	10
IC-735	135				83	68 db	55				
Icom IC-7200		140 dB	83 dB	-85 dBc	99 dB	67 dB	56	909...955			
Yaesu FT-450		134 dB	90 dB	-21 dBc	97 dB	67 dB	57	680,0FT-450AT 700,0		6000-10000 EUR	
IC-751	138				84	64 db	58	539,0 kasut		Yaesu FTdx9000C	26
Icom 7000	119				90	63 db	59	1.400, Kasut-900...			
Yaesu FT-2000	120				81n	63n db	60	2.375...2.750,0 kasut-1200 FT-2000D, 200W, 3.040...3.500,0			
TS-520	116				63	63 db	61				
FT-980	140				96	63 db	62				
FT-101E	102				60	59 db	63				
FT-757	130				86	56 db	64				
FT-757D								838,0...			
TS-2000								1.850,0... kasut 1.180,0			
TS-2000E								1.800,0 ja kasutatud 1.125,0			
TS-2000X								2.150,0			
TS-570D								719 kasutatud			
TS-850S								838,0... kasutatud			
FT-897D								729,0 oleneb kompl			
FT-847								Kasut. 915			
FT-897								660 kasutatud			
FT-857								597,0 kasut			
FT-817ND								634,0			
FT-840								595 kasutatud			
IC-718								630,0...717,0			
IC-7400								1000 ... kasut			
IC-756PROII								1060,0... kasutatud			

* = Blocking exceeded the levels indicated

! = below/above measurable levels

c = Readings would have been lower if 2-kHz spacing had been possible

f = Measurement was Phase-Noise Limited

j = At 1 kHz, noise limited to 68 dB

m = Receiver was optimized for best dynamic range

n = Measured with 3 kHz roofing filter

s = Using ARRL 3-Hz bandwidth blocking method

Selgitusi

Dyn. Range Narrow 2kHz = 2-signal, 3rd-order dynamic range

Reciprocal mixing noise = In reciprocal mixing, incoming signals mix with LO-sideband energy

LO faasimüra vähendab vastuvõtja dünaamikat ehk tugev vahesagedusest väljapool olev

signaal ja LO faasimüra segustuvad ning selle tulemusena maskeerub meile vajalik kasulik signaal.

Ilma LO faasimüra oleks vajalik nõrk signaal vastuvõteta.

Hinnad / pakkumised:

UK

<http://www.coastalcomms.org.uk/Products.htm>
<http://www.hamradio.co.uk/index.shtml>
<http://www.lamcommunications.net/shop/index.php>
<http://www.nevada.co.uk/>
http://www.jayceecomms.com/new_products.html
<http://www.radioworld.co.uk/catalog>
<http://www.ebay.co.uk/>
<http://www.hamradio.co.uk/> (ML&S)

Saksa, Taani, Holland, Soome, Norra

<http://www.wimo.de/>
<http://www.funkfrequenzen01.de/index023.htm>
<http://www.edr.dk/Default.aspx?ID=55>
<http://www.bander.com/>
<http://www.rxb-tuote.fi>
<http://www.permo.no/>
<http://www.classicinternational.eu/home/>

Kasuatud seadmeid:

Taani, Rootsi
<http://ham.brugtgrej.dk/>
<http://www.dx-radio.se/index.php?tag=B>
<http://www.radioworld.co.uk/catalog>
<http://www.permo.no/>