EME 2002 Conference NF Contest Results

Part 1 - frequency bands 2m, 70 and 23 cm

Order	Preamplifier	Description	N.F. [dB]	Gain [dB]	Adapters
	144 MHz				
1	**SM5BSZ**	ATF33143	**0,45**	**25,6**	BNCma/ Nfe//BNCma/Nfe
2	DL1EJA		**0,66**	**21,7**	7/16ma/Nfe//no adapt.
3	DJ7LH	LNA 145 SSB Electr.	**1,10**	**10,8**	SMAma/Nfe//SMAma/Nfe
	432 MHz				
1	**DL9KR**	MGF4919G 2stg.	**0,31**	**54,6**	N-Nfe//BNCma/Nfe
2	ZS6AXT	ATF101	**0,60**	**25,0**	N-Nfe//no adapt.
3	ON5OF -1	MGF1303, stripline	**0,63**	**21,9**	no adapters
4	ON5OF -3	MGF1303, LC	**1,03**	**16,7**	no adapters
5	EA3DXU	MGF1302 2stages	**1,67**	**50**	N-Nfe//BNCma/Nfe
6	ON5OF -2		**4,53**	**7,9**	no adapters
	1296 MHz				
1	**K5JL**	Hemt ?	**0,37**	**18,0**	SMAma/Nfe//SMAma/Nfe
2	OE5JFL	Hemt ?	**0,42**	**17,6**	N-Nfe//no adapt.
3	OK1DFC	FHX35LG	**0,45**	**18,8**	N-Nfe//no adapt.
3	HB9BBD -2	NE32484+ATE36077	**0,45**	**40,6**	SMAma/Nfe//SMAma/Nfe
5	HB9BBD -1red	NE32484+ATE36077	**0,45**	**43,3**	SMAma/Nfe//SMAma/Nfe
6	G3LTF	FHX35LG	**0,50**	**39,7**	SMAfe/Nfe//SMAma/Nfe
7	VK2DND	DEM 23ULNA	**0,53**	**18,5**	no adapters
8	ZS6AXT	FHX35LG 2stgs.	**0,54**	**26,0**	N-Nfe//no adapt.
9	DL4MEA	ATF35076	**0,66**	**15,7**	SMAfe/Nfe//no adapt.
10	ON5OF	HEMT? (DJ9BV des.)	**1,30**	**9,1**	no adapters
11	DL4MUP		**1,30**	**14,5**	SMAfe/Nfe//no adapt.
12	OH2AXH		**N/A**	**N/A**	N-Nfe//no adaper

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Part 2 - frequency bands 13, 9, 6 and 3 cm

Order	Preamplifier	Description	Measured		Down Converter		Amplifier		Adapters
			N.F. [dB]	Gain [dB]	N. F. [dB]	Gain [dB]	N.F. [dB]	Gain [dB]	
	2304/2424 MHz								
1	**JI5MFZ 10301**	HEMT ?	0,60	24,00	1,35	9,6	**0,55**	**14,4**	SMAma/Nfe//SMAma/Nma
2	JI5MFZ 10401	HEMT ?	0,62	30,40	1,35	15,0	**0,58**	**15,4**	SMAma/Nfe//SMAma/Nma
3	G3LTF	ATF36077	0,60	35,30	1,00	16,1	**0,59**	**19,2**	SMAfe/Nfe//SMAma/Nma
4	ZS6AXT	NE424	0,88	54,00	0,96	16,5	**0,88**	**37,5**	N-Nfe//N-Nma
	3400 MHz								
1	**OH2AUE**	NEC 32584	0,75	47,20	1,35	15,8	**0,75**	**31,4**	no adapt//SMAmasemiridSMAma
	5760 MHz								
1	**ZS6AXT**	HEMT ?	1,03	39,50	1,50	26,2	**0,96**	**13,3**	Nfe/SMAma//SMAma/Nma
2	JA4BLC	NE32984D	1,03	40,40	1,50	26,2	**0,98**	**14,2**	Nfe/SMAfe//SMAma/Nma
3	OH2AXH	NEC 32584	1,60	57,70	1,90	25,8	**1,60**	**31,9**	Nfe/SMAma//SMAma/Nma
	10368 MHz								
	DB6NT (tombola) not in contest	MKU 102A EME	0,78	53,8	1,5	31,3	**0,77**	**22,5**	Nfe/R100//SMA-SMAma
1	**JI5MFZ nr.504**	NE334S01(KH6CP des.)	0,92	41,8	1,5	31,3	**0,79**	**10,5**	Nfe/SMAma//SMA-SMAma
2	SM0ERR	MKU101A	0,98	42,7	1,5	31,3	**0,88**	**11,4**	Nfe/SMAfe//SMA-SMAma
3	JA4BLC #2	NE32984D (G3WDG des.)	0,96	46,1	1,5	31,3	**0,91**	**14,8**	Nfe/SMAfe//SMA-SMAma
4	F5HRY	NE329 (KH6CP design)	1,03	42,8	1,5	31,3	**0,93**	**11,5**	Nfe/SMAma//SMA-SMAma
5	JA4BLC #1	NE32984D (G3WDG des.)	1,05	44,3	1,5	31,3	**0,98**	**13,0**	Nfe/SMAfe//SMA-SMAma
6	JI5MFZ nr. 601	NE334S01(KH6CP des.)	1,18	50,8	1,5	31,3	**1,16**	**19,5**	Nfe/SMAma//SMA-SMAma
7	ZS6AXT	NE325	1,85	43,2	1,5	31,3	**1,77**	**11,9**	Nfe/SMAma//SMA-SMAma