

The 432 & UP
Swedish EME Meeting
organized by SM4IVE
in [Örebro](#) May 13-15

NF measurements

Reference ENR
Agilent SNS N4000A
S/N MY44420135
Cal 3-Dec-2010

144MHz

Band	Call	Design	Device	NF	Gain	COMMENT
144	SM2CEW	HB	MGF1302	0.50	20.0	

432MHz

Band	Call	Design	Device	NF	Gain	COMMENT
432	SM0ERR	HB	MGF4915	0.33	21.3	
	SM2CEW	HB	FHX35	0.48	23.3	
	SM0ERR	HB	ATF	0.58	18.2	
	G4DHF	HB	MGF1302	0.65	17.0	

1296MHz

Band	Call	Design	Device	NF	Gain	COMMENT
1296	SM0ERR	DDK	MGF4919	0.098	35.4	PELTIER COOLED
	SM4DHN	DDK		0.140	37.4	
	G4DDK	DDK	VLNA2+	0.156	39.4	
	HB9BBD	BBD		0.186	39.9	#035
	SM0ERR	DDK	MGF4919	0.187	38.3	
	G4DDK	DDK	VLNA2	0.201	37.6	
	SM4FXR_2	DDK	VLNA2+	0.203	33.9	
	SM6CQU_2	DDK		0.203	35.5	
	HB9BBD	BBD		0.221	42.3	#203
	SM5QA	NT		0.300	20.5	PELTIER COOLED
	SM6CQU	DDK		0.305	40.0	
	SM5QA	NT		0.383	20.4	
	SM4FXR_1	DDK	VLNA1	0.462	36.8	Not tuned
	PA7JB	HB	ATF585	0.48	18.0	
	SM2CEW	HB		0.54	12.3	
	SM5QA	COM	MHA632	0.680	16.4	PELTIER COOLED
	SM0DFP_3	COM		0.84	27.5	HYBRID
	SM0DFP_2	COM		0.87	29.0	HYBRID
	SM0DFP_1	COM		0.88	28.0	HYBRID
	SM5QA	COM	MGA632	0.913	16.0	CASCODE

2320MHz

Band	Call	Design	Device	NF	Gain	COMMENT
2320	SM4IVE	DDK	VLNA2+	0.24	28.4	
	G4DDK	DDK	VLNA2+	0.33	29.9	
	SM5QA	NT		0.52	30.3	
	SM4FXR	DDK	VLNA1	0.68	23.5	NOT TUNED
	SM5QA	NT		0.68	43.3	

3400MHz

Band	Call	Design	Device	NF	Gain	COMMENT
3400	G4DDK	DDK	VLNA2	0.40	28.5	#1401
	SM5QA	NT		0.70	30.8	

5760MHz

Band	Call	Design	Device	NF	Gain	COMMENT
5760	SM6PGP	HB		0.51	14.1	
	SM65QA	NT		0.78	29.6	

24048MHz

Band	Call	Design	Device	NF	Gain	COMMENT
24048	SM0DFP	NT		1.42	25.8	WR28
	SM5QA	NT		1.60	25.8	PELTIER COOLED
	SM5QA	NT		1.73	26.2	SMA
	SM5QA	NT		2.01	24.6	WR28