

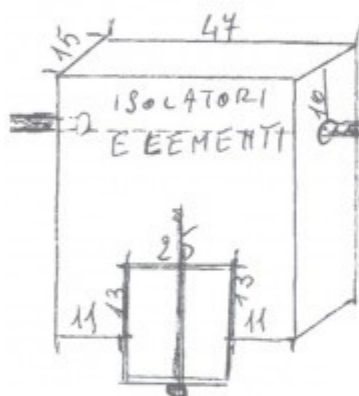
ATTUALE - SUL-TETTO

Name: 7nfb4gbz / ANT.ANT.ANT.ANT.ANT.ANT
Peter Sundberg

Date: 12-19-2008

7 Element Yagi Antenna

Frequency (MHz)	Gain (dBd)	F/B (dB)	E-plane / H-plane		Impedance (Ohm)	
144.1	11.45	13.15	38.36	42.88	43.1	+j 1.12
144.15	11.46	12.94	38.28	42.76	44.84	+j 1.28
144.2	11.48	12.73	38.2	42.66	46.69	+j 1.32
144.25	11.49	12.53	38.12	42.54	48.66	+j 1.21
144.3	11.5	12.33	38.04	42.42	50.75	+j .92
144.35	11.51	12.13	37.96	42.32	52.95	+j .43
144.4	11.53	11.94	37.88	42.2	55.25	-j .3
144.45	11.53	11.76	37.78	42.1	57.63	-j 1.32
144.5	11.54	11.57	37.7	41.98	60.06	-j 2.66
144.55	11.55	11.4	37.62	41.88	62.49	-j 4.36



NOISE TEMPERATURE (G/T)

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Forward temperature: 168.42
Sidelobe temperature: 31.12
Backward temperature: 8.94
Loss temperature: 3.45
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Total noise temperature: 211.94
G/T (dB) -9.56

Boom length 3520 mm

	Reflector:	3 mm
Radius:	Driven element:	4 mm
	Directors:	3 mm

98.58%

Length of elements: (mm)

Position of elements : (mm)

No boom Correction

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Reflector= 1008
Driven element= 960
Director 1 = 946
Director 2 = 924
Director 3 = 908
Director 4 = 900
Director 5 = 899

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0
331
586
1164
1870
2715
3520

