



RADIO FREQUENCY INDUSTRIES (PTY.) LTD.

"Simply The Best"

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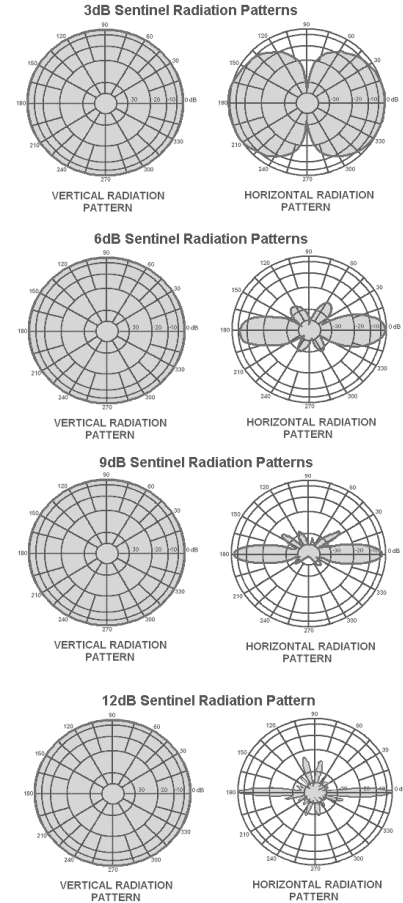
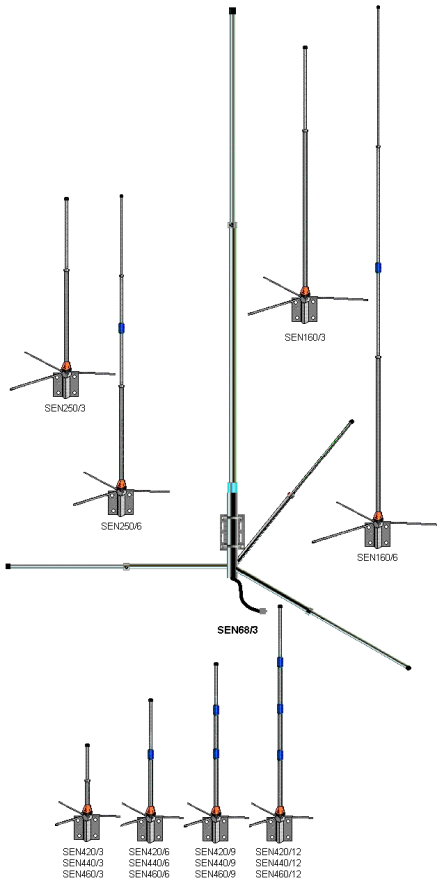
SENTINAL ANTENNAS

All SENTINAL antennas are tunable within certain transmit bands and need to be set for the specific operating frequency required.

The traces on page 2 indicate EXAMPLES OF VSWR that can be tuned within the different band segments.

Tuning must be done by tuning the first 3dB section for best VSWR on the operating frequency, then the next 3dB section must be added and the antenna need to be retuned by changing the length of the second section. This must be repeated for each 3dB

section on the antenna to obtain best performance



RFI ORDER CODE	GAIN IN dB	FREQ. IN MHz.	VSWR @ RES.	POWER IN WATT	IMP. IN OHM	BAND WIDTH @ 1.5:1	WEIGHT IN Kg.	TERMINATION	PACKING LENGTH In mm.
SEN-27/3	3 dB	26 - 28	<1.5:1	500	50	2MHz.	5.8	UHF FEMALE	4820
SEN-29/3	3 dB	29 - 30	<1.5:1	500	50	2MHz.	5.8	UHF FEMALE	4820
SEN-40/3	3 dB	37 - 44	<1.5:1	500	50	5MHz.	5.6	UHF FEMALE	4820
SEN-68/3	3 dB	66 - 88	<1.5:1	500	50	5MHz.	5.4	UHF FEMALE	2690
SEN-100/3	3 dB	88 - 110	<1.5:1	500	50	5MHz.	5.4	N MALE	1600
SEN-125/3	3 dB	120 - 135	<1.5:1	500	50	5MHz.	1.2	UHF FEMALE	1880
SEN160/3 OR 6	3 or 6dB	130 - 174	<1.5:1	500	50	5MHz.	1.2 - 1.7	UHF FEMALE	1470 to 3033
SEN200/3 OR 6	3,6 or 9dB	175 - 245	<1.5:1	500	50	22MHz.	1.1 - 1.6	N FEMALE	1290 to 2800
SEN250/3 OR 6 OR 9	3,6 or 9dB	240 - 285	<1.5:1	500	50	22MHz.	1.0 - 2.2	N FEMALE	850 to 2200
SEN365/3 OR 6 OR 9 OR 12	3,6,9 or 12dB	340 - 390	<1.5:1	500	50	20MHz.	0.9 - 2.5	N FEMALE	750 to 2080
SEN440/3 OR 6 OR 9 OR 12	3,6,9 or 12dB	390 - 500	<1.5:1	500	50	20MHz.	0.8 - 2.4	N FEMALE	630 to 2000

Manufacturers of : Two-Way Radio Antennas, Duplexers, Filters, Combiners, Splitters, Lightning protectors & other RF Products.
 Sales and Distribution of: Two-Way Radios, Repeater Systems, Power Meters, Microphones, Power Supplies, Cables & Connectors.



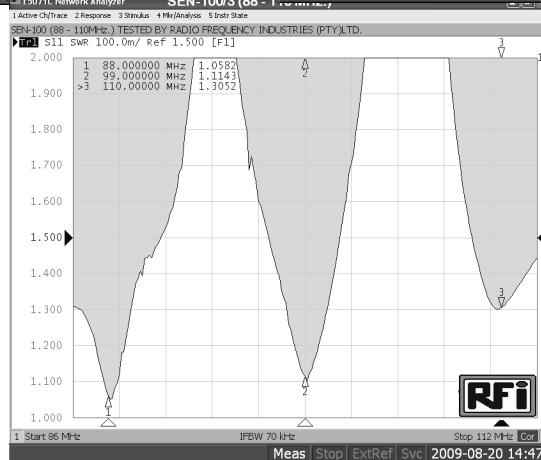
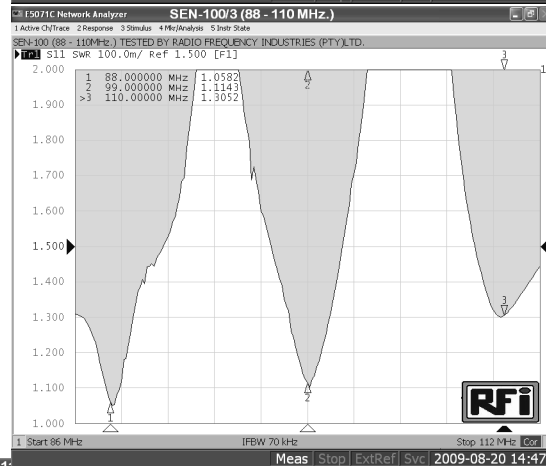
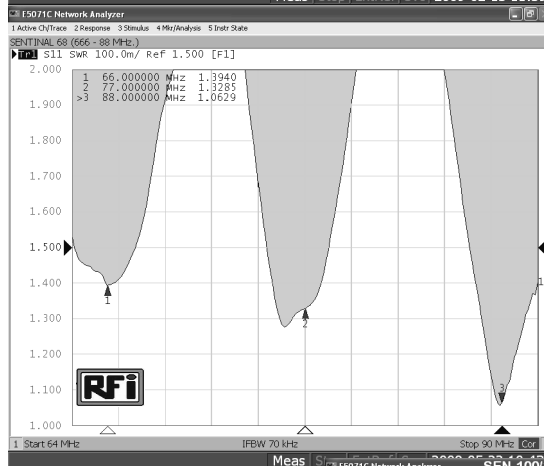
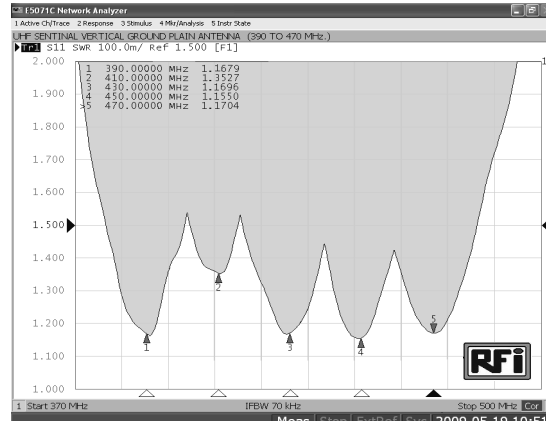
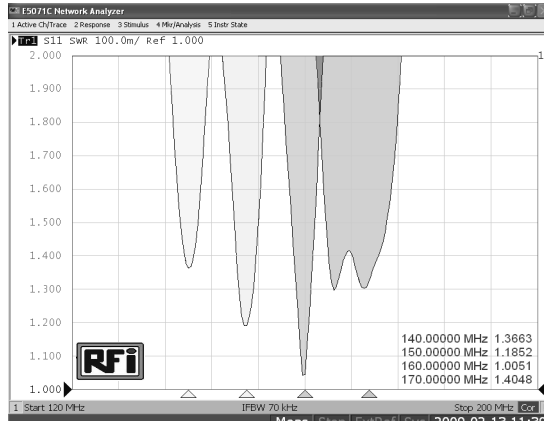
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TYPICAL SENTINEL ANTENNA TRACES



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