

S Meter Calibration Values.

S Points	PD into 50 ohms	dBm into 50 ohms
S0	0.1uV	-127dBm
S1	0.2uV	-121dBm
S2	0.4uV	-115dBm
S3	0.8uV	-109dBm
S4	1.58uV	-103dBm
S5	3.16uV	-97dBm
S6	6.3uV	-91dBm
S7	12.6uV	-85dBm
S8	25uV	-79dBm
S9	50uV	-73dBm

These values are valid on HF. on VHF, values are 20dB lower e.g. S9 is 5uV or -93dBm. Most commercial transceivers do not adhere all that closely to this scale.

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