

HF

S Reading	Dbm	V	Db
S9 + 40 dB	-33 dBm	5.0 mV	74 dBμV
S9 + 30 dB	-43 dBm	1.6 mV	64 dBμV
S9 + 20 dB	-53 dBm	0.50 mV	54 dBμV
S9 + 10 dB	-63 dBm	0.16 mV	44 dBμV
S9	-73 dBm	50 μV	34 dBμV
S8	-79 dBm	25 μV	28 dBμV
S7	-85 dBm	12.6 μV	22 dBμV
S6	-91 dBm	6.3 μV	16 dBμV
S5	-97 dBm	3.2 μV	10 dBμV
S4	-103 dBm	1.6 μV	4 dBμV
S3	-109 dBm	800 nV	-2 dBμV
S2	-115 dBm	400 nV	-8 dBμV
S1	-121 dBm	200 nV	-14 dBμV

VHF/UHF

S Reading	Dbm	V	Db
S9 + 40 dB	-53 dBm	0.50 mV	54 dBμV
S9 + 30 dB	-63 dBm	0.16 mV	44 dBμV
S9 + 20 dB	-73 dBm	50 μV	34 dBμV
S9 + 10 dB	-83 dBm	16 μV	24 dBμV
S9	-93 dBm	5.0 μV	14 dBμV
S8	-99 dBm	2.5 μV	8 dBμV
S7	-105 dBm	1.26 μV	2 dBμV
S6	-111 dBm	630 nV	-4 dBμV
S5	-117 dBm	320 nV	-10 dBμV
S4	-123 dBm	160 nV	-16 dBμV
S3	-129 dBm	80 nV	-22 dBμV
S2	-135 dBm	40 nV	-28 dBμV
S1	-141 dBm	20 nV	-34 dBμV

The recommendation for all three bands defines a difference of one S-unit corresponds to a difference of 6 dB