

This assumes that S9 = -73 dBm or 50 uv across 50 ohms

S9	-73	dBm			
S meter	32	dB over S9			S Meter
CARRIER LEVEL (F0)	-41	dBm	0	dBc	at offset
SIDE BAND LEVEL AT F0 -5 KHz	-70	dBm	-29	dBc	3 dB over S9
SIDE BAND LEVEL AT F0 -12 KHz	-80	dBm	-39	dBc	<S8

This assumes that S9 = -73 dBm or 50 uv across 50 ohms

S9	-73	dBm			
S meter	20	dB over S9			S Meter
CARRIER LEVEL (F0)	-53	dBm	0	dBc	at offset
SIDEBAND LEVEL AT F0 -5 KHz	-80	dBm	-27	dBc	<S8
SIDEBAND LEVEL AT F0 -12 KHz	-100	dBm	-47	dBc	Neglible

S	READING	dBm
	1	-121
	2	-115
	3	-109
	4	-103
	5	-97
	6	-91
	7	-85
	8	-79
	9	-73
	+6	-67
	+10	-63
	+12	-61
	+18	-55
	+20	-53
	+22	-51
	+28	-45
	+30	-43
	+32	-41
	+38	-35
	+40	-33
	+42	-31
	+48	-25
	+50	-23

Calculate dBm value for S9
signal of 50 mV at antenna
input.

INPUT R	50
INPUT E	5.E-05
POWER	5E-11
dBm at S9	-73