

Antenna Emissions:

The following five plots were selected from the entire range of 0 GHz to 170 GHz. These plots show the second and third harmonic energy below the limits of the analyzer (less than -50 dbm). All other plots up 170 GHz show no energy above the noise floor of the measurement system.

ATTEN 10dB
RL 0dBm

MKR -62.67dBm
23.83GHz

28GHz/DS3

* -29dBc
LIMIT

DISPLAY LINE

-50.0 dBm

D

FUNDAMENTAL
CARRIER

START 0HZ STOP 50.00GHz
RBW 1.0MHz VBW 1.0MHz SWP 1.00sec
* NOT CORRECTED FOR BANDWIDTH (LIMIT LINE MORE STRICT DUE
TO ACTUAL RBW > 4kHz)

CL 45.9dB

MKR -48.77dBm

RL 15.9dBm

10dB/

61.92GHz

28GHz/DS3

DISPLAY LINE
-30.0 dBm

2nd HARMONIC RANGE

567G

START 50.00GHz

STOP 75.00GHz

RBW 1.0MHz

VBW 1.0MHz

SWP 630ms

*ATTEN 10dB
RL 17.5dBm

MKR -51.33dBm
83.127GHz

10dB/

DISPLAY LINE
-30.0 dBm

D
F
R



START 83.000GHz
RBW 1.0MHz

STOP 85.000GHz
SWP 50.0ms

*ATTEN 10dB
RL 17.5dBm

MKR -52.67dBm
85.127GHz

10dB/

DISPLAY LINE
-30.0 dBm

D F R



START 85.000GHZ
RBW 1.0MHZ

STOP 87.000GHZ
VBW 1.0MHZ
SWP 50.0MS