Subject: Noise Floor 39GH and 28GHz with 14MHz BW

Ja:

 we calculated the theoretical noise floor of the 28GHz radios with a 14MHz and 12.5MHz channel bandwidth.

Noise Floor = -174 + NF + 10 log BW = -174 + 10 + 10 log 14,000,000 = -92.538 dBm
Noise Floor = -174 + NF + 10 log BW = -174 + 10 + 10 log 12,500,000 = -93.031dBm
Noise Floor = -93 dBm