

From: Carlos Nalda <cnalda@lmiadvisors.com>
Sent: Thursday, March 28, 2019 5:44 AM
To: Trang Nguyen <Trang.Nguyen@fcc.gov>
Cc: Carlos Nalda <cnalda@lmiadvisors.com>
Subject: RE: KVH SES-MOD-20181219-03617 E090001

Trang,

I spoke at length with the KVH engineer in charge. He agreed the values were off and reworked the numbers.

To operate a 250 kHz carrier in compliance with the 25.222 mask, he suggested an approximate 9 dB reduction in power is necessary.

Thus, he said the EIRP would be **36.94 dBW** (instead of 45.82) and spectral density would be **18.96 dBW/4kHz**, which essentially matches your calculations (before power reduction).

Please let me know if you need anything else and thanks very much for flagging this issue!

Best regards,

Carlos



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