

Specific RT Questions and Responses

5. Please confirm that the EUT's antenna gain, used to calculate the conducted output power, is -2.5 dBi (this value is used in the EMC report, but is not supported elsewhere in the application).

R. This is the information "provided by customer": "Gain of antenna is approximately -2.5 dB. This is from simulation at 2.45 GHz."

7. The DTS EMC report shows a measured peak PSD value (RBW=100 kHz) for the low channel that exceeds the measured peak output power value (RBW=1 MHz) for the same channel – please clarify.

R. As the conducted readings were extrapolated from radiated data in accordance with C63.10, I presume that other factors come into play such as site uncertainty, small EUT positional changes, EUT transmit variations, substitution antenna height etc. As the results are much lower than the limit they should still be valid. All 3 channels showed results that were within 1 dB of each other.