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Application No. : 33219/3/400F

Applicant : ARTIN INDUSTRIAL CO LTD

Product : Remote Control Transmitter

Model : 47710

Calculation for Average Field Strength from the Time Domain Transmitter Emission Plot

Measured Duty Cycle (average) from time domain plot = 0.44

Average emission field strength = Peak emission field strength x 0.44

Radiation (Average value at 27.145MHz) in dB(μ V/m) = Peak value in dB(μ V/m) + 20 log 0.44
= 82 – 7.13 dB(μ V/m)
= 74.87 dB(μ V/m)



Network Partner



Nemko

Qualified Independent Laboratory

Agent of



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Transmitter Emssiion - Time Domain Plot

