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Re: FCC ID: PQXHKG2003
Applicant: HK Protek Inc.
Correspondence Reference Number: 21577
731 Confirmation Number: EA102245

2.) Please provide signal generator levels for substitution method unwanted radiation. Please explain your test method for this measurement.

Our test method for the substitution method as described in TIA/EIA 603 (2.2.12) using a dipole for frequencies below 2500MHz. Above 2.5 GHz a double ridged guide antenna was used and referenced back to a dipole.

We usually do not keep the raw data in our files just the adjusted to dipole data. In this case we remeasured the EUT and the adjusted signal generator readings were as tabulated below:

Best regards,

Mario de Aranzeta
Engineer

High power (1.4 Watts)

MHz	Generator Level in dBm	dBc
462	+31	0
945	-22	53
1388	-40	71
1850	-40	71
2313	-40	71
2775	-40	71
3237	-31	62
3700	-28	59
4163	-30	61
4625	-35	66

Low Power (0.3 Watts)

MHz	Generator Level in dBm	dBc
462	+25	0
945	-31	56
1388	-31	56
1850	-44	69
2313	-36	61
2775	-39	64
3237	-35	60
3700	-35	60
4163	-33	58
4625	-44	69