



TÜV SÜD America Inc. (San Diego)

April 07, 2015

TUV SUD BABT
 Octagon House, Concorde Way
 Segensworth Rd N, Fareham
 PO15 5RL

RE: FCC ID: Q371E60326-3G
 IC: 4638A-1E60326-3G

Company	Description of WiFi technology	Model #	Report No.
Thermo King Corp.	Radio Expansion Board "REB" Telematics board for transport refrigeration	1E60326G07	EMC_TRANE_002_12001_DTS_Rev1
Qcom Technology Inc.	802.11 b/g/n Wireless USB Module	LR802UKN2	RF980624L27

SUMMARY OF MEASUREMENT	FCC Rule Part	IC RSS Sub-Clause	Verdict
AC Powerline Conducted Emission	15.207	RSS-Gen 7.2.4	Compliant
Maximum Peak Conducted Output Power	15.247 (b)(1)	RSS-210 A8.4 (4)	Compliant
Power Spectral Density	15.247 (e)	RSS-210 A8.2 (b)	Compliant
99% Emission Bandwidth		RSS-Gen 4.6.1	Compliant
Minimum 6dB RF Bandwidth	15.247 (a)(2)	RSS-210 A8.2 (a)	Compliant
Out of Band Emission – conducted	15.247 (d)	RSS-210 A8.5	Compliant
Spurious Radiated Emission	15.247 (d)	RSS-210 A8.5	Compliant
Band Edge Emission (Conducted/Radiated)	15.247 (d)	RSS-210 A8.5	Compliant
Receiver Spurious Emission		RSS-Gen 4.10	Compliant

Choose certainty.
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Company	Description of GSM850/1900 technology	Model #	Report No.
Thermo King Corp.	Radio Expansion Board "REB" Telematics board for transport refrigeration	1E60326G07	EMC_TRANE_002_12001_WWAN
Siemens AG	GSM Module (Cellular band)	Siemens Cellular Engine TC65i	MDE_SIEM_0714_FCCb
Siemens AG	GSM Module (PCS band)	Siemens Cellular Engine TC65i	MDE_SIEM_0714_FCCc

SUMMARY OF MEASUREMENT	FCC Rule Part	IC RSS Sub-Clause	Verdict
Transmitter Conducted Output Power	2.1046, 22.913 (a) 2.1046, 24.232 (a)	RSS-132 (4.4) RSS-133 (6.4)	Compliant
Effective Radiated Power	2.1046 22.913 (a)(2)	RSS-132 (5.4)	Compliant
Equivalent Isotropic Radiated Power	2.1046, 24.232 (a)	RSS-133 (6.3)	Compliant
Occupied Bandwidth	2.1049, 22.917 (b) 2.1049, 24.235	RSS-132 (4.2) RSS-133 (6.2)	Compliant
Peak-Average Ratio			Compliant
Band Edge / Conducted Spurious Emissions	2.1051, 22.917 2.1051, 24.238	RSS-132 (4.5) RSS-133 (6.5)	Compliant
Field Strength of Spurious Radiation	2.1053, 22.917 2.1053, 24.238	RSS-132 (4.5) RSS-133 (6.5)	Compliant
Frequency Stability	2.1055, 22.355 2.1055, 24.235	RSS-132 (4.3) RSS-133 (6.3)	Compliant
Receiver Spurious Emissions		RSS-Gen (7.1.2)	Compliant
Power Line Conducted Emission		RSS-Gen 8.8	Compliant

By my signature below, I attest that the supplied test report above mentioned are representative and applicable for this product and meet the current version of FCC rules and Industry Canada RSS-210 Issue 8 December 2010.

Sincerely,

Alex Chang
EMC/Wireless Test Engineer