



Willow Run Test Labs, LLC
8501 Beck Road, Building 2227
Belleville, Michigan 48111 USA
Tel: (734) 252-9785
Fax: (734) 926-9785
e-mail: info@wrtest.com

Attn.: Certification and Engineering Bureau, Industry Canada
3701 Carling Avenue, Bldg. 94
Ottawa, Ontario K2H 8S2
Re: Certification for Schrader Electronics C4W4MA4
IC: 2546A-C4W4MA4

Please find enclosed application materials for certification of Schrader Electronics C4W4MA4. We tested it and found it to comply with IC RSS-210/GENe.

Current Variants:

There is only a single model of the EUT, as tested.

History:

Original Grant: Jan, 2009; FCC ID: MRXC4W4MA4; IC: 2546A-C4W4MA4, Model: C4W4MA4.

Changes Made:

A software change is being made to the ASIC along with a PCB layout change and digital component change in order to accommodate the shock sensor using differential signals on the existing ASIC pins. No change to RF section of the PCB is intentionally being made, however output match re-tuning was required due to the PCB layout change resulting from the shock sensor change. A Class II permissive change is performed here to demonstrate ongoing compliance.

Action Taken:

The EUT employing the new PCB layout is fully tested.

The changes made qualify as a permissive change for IC (ref. IC RSP-100). If there are any questions regarding the application or testing performed, please contact us at the above address or call (734) 252-9785, or e-mail info@wrtest.com.

Sincerely,

Joseph D. Brunet
Willow Run Test Labs, LLC



Willow Run Test Labs, LLC
8501 Beck Road, Building 2227
Belleville, Michigan 48111 USA
Tel: (734) 252-9785
Fax: (734) 926-9785
e-mail: info@wrtest.com

Attn.:Federal Communications Commission
Equipment Approval Services
P.O. Box 358315
Pittsburgh, PA 15251-5315
Re: Certification for Schrader Electronics C4W4MA4
FCC ID: MRXC4W4MA4

Please find enclosed application materials for certification of Schrader Electronics C4W4MA4. We tested it and found it to comply with CFR Title 47, Part 15.231(a,e).

Current Variants:

There is only a single model of the EUT, as tested.

History:

Original Grant: Jan, 2009; FCC ID: MRXC4W4MA4; IC: 2546A-C4W4MA4, Model: C4W4MA4.

Changes Made:

A software change is being made to the ASIC along with a PCB layout change and digital component change in order to accommodate the shock sensor using differential signals on the existing ASIC pins. No change to RF section of the PCB is intentionally being made, however output match re-tuning was required due to the PCB layout change resulting from the shock sensor change. A Class II permissive change is performed here to demonstrate ongoing compliance.

Action Taken:

The EUT employing the new PCB layout is fully tested.

The changes made qualify as a permissive change for FCC (ref. FCC, Part 2, 2.1043(a)(1)).If there are any questions regarding the application or testing performed, please contact us at the above address or call (734) 252-9785, or e-mail info@wrtest.com.

Sincerely,


Joseph D. Brunetti
Willow Run Test Labs, LLC