

[Ref: at16037]

21-July-2016

To whom it may concern.

Change of SR+ Emission Designators on Grant of Authorization

During the initial compliance of the Aprisa SR+ product, emission designator codes of G7W and D7W (QPSK and QAM respectively) were documented in the application for grant of authorization; as these codes had been used with the Aprisa XE product family.

However the Aprisa SR+ products range is explicitly designed for use by utility companies for the transport of telemetry (SCADA) and as such we have changed the designators in later authorizations to G1D and D1D.

The change in the third symbol from W to D; reflects that the traffic type transported by the Aprisa SR+ is exclusively data, for telemetry and telecommand.

The change in the second symbol from:

7: two or more channels containing quantized or digital information

to:

1: a single channel containing quantized or digital information without the use of a modulating sub-carrier, excluding time-division multiplex

is based on two differing interpretations of the definition.

Initially the second character of 7 had been used to reflect the presence of the "I and Q" quadrature data streams used to build the modulating vector signal. However using this character (7) can be miss-interpreted as implying the presence of a subcarrier or two independent modulated channels rather than the single, two dimensional vector used to modulate the carrier.

Selecting 1 as the second character removes this ambiguity and would align the earlier certified Aprisa SR+ products with those subsequently certified with the G1D and D1D designators.

I wish point out that there have been no changes to the product modulation as reported in the initial certification and this proposed change is purely administrative. We desire to implement this change in emission designator to streamline our product compliances and minimise any possible confusion caused to our customers seeking to obtain licenses with our products.

Yours Sincerely:

A handwritten signature in blue ink, appearing to read "Alan Turner", written over a dotted line.

Alan Turner

System Test Manager

4RF Limited