**5G E/// Equipment Quantum Code Structure Issue 1.7**

**56E7a8d9g14k18q21t23w26a34d36gid02**

* **5** – always a **5** for 5G
* **6** – equipment platform – **6** (6000 Series Platform)
* **E** – vendor indicator - **E** (E///)
* ***Radio Technology Section.***
* ***The technology characters will not be fixed as in previous Q-Codes, but will be defined by including only the technologies, included within the Q-code. The format will be numerical characters identifying the technology, followed by alpha characters identifying the sector count, Radio Module count and type. For example, for 700MHz, “7a,” “7” is for 700MHz / “a” is for number of sectors, Radio Modules and type of Radio Module. The alpha character for a RRU will be Lower Case, the AAS will be Upper Case.***
* ***Notation: 3Sx3RM = 3 Sectors x 3 Radio Modules (RRU or AAS).***
* **(700) a** – Qty: Sectors, Radio Modules and type of 5G **700** RF Hardware - **a** = 3S x 3xRadio 2217 (RRU) **b** = 2S x 2xRadio 2217 (RRU)

**c** = 3S x 3xRadio 2238 (RRU) **d** = 2S x 2xRadio 2238 (RRU)

* **(800) d** – Qty: Sectors, Radio Modules and type of 5G **800** RF Hardware - **d** = Yet to be defined
* **(900) g** – Qty: Sectors, Radio Modules and type of 5G **900** RF Hardware - **g** = Yet to be defined
* **(1400) k** – Qty: Sectors, Radio Modules and type of 5G **1400** RF Hardware - **k** = Yet to be defined
* **(1800) q** – Qty: Sectors, Radio Modules and type of 5G **1800** RF Hardware - **q** = Yet to be defined
* **(2100) t** – Qty: Sectors, Radio Modules and type of 5G **2100** RF Hardware - **t** = 3S x 3xRadio 2217 (RRU) **u** = 2S x 2xRadio 2217 (RRU)

**v** = 3S x 6xRadio 2217 (RRU) **w** = 2S x 4xRadio 2217 (RRU)

**y** = 3S x 3xRadio 4415 (RRU) **z** = 2S x 2xRadio 4415 (RRU)

**a** = 3S x 3xRadio 4480 (RRU) **b** = 2S x 2xRadio 4480 (RRU)

* **(2300) w** – Qty: Sectors, Radio Modules and type of 5G **2300** RF Hardware - **w** = Yet to be defined
* **(2600) a** – Qty: Sectors, Radio Modules and type of 5G **2600** RF Hardware - **a** = Yet to be defined
* **(3400) d** – Qty: Sectors, Radio Modules and type of 5G **3400** RF Hardware - **d** = 3S x 3xRadio 8823 (RRU) **E** = 3S x 3xAIR 6488 (AAS)

**f** = 2S x 2xRadio 8823 (RRU) **g** = 3S x 6xRadio 8823 (RRU)

**h** = 2S x 4xRadio 8823 (RRU) **k** = 4S x 4xRadio 8823 (RRU)

**J** = 3S x 3xAIR 6488 (AAS)+3xRadio 8823 (RRU)

**L** = 4S x 4xAIR 6488 (AAS) **M** = 2S x 2xRadio 8823 (RRU)

* **(3600) g** – Qty: Sectors, Radio Modules and type of 5G **3600** RF Hardware - **g** = Yet to be defined

* **id** – equipment Style **id** Indoor DC RBS 6201; **oa** Outdoor AC RBS 6102; **ib** Indoor Baseband; **ob** Outdoor AC Cab 6140; **od** Outdoor DC Cab 6320;

**io** Indoor/Outdoor Cab 6147/6215; **ie** Indoor Eltek; **oe** Outdoor Eltek; **zf** Zero Footprint; **oy** Outdoor AC 6102 + York;

**ys** Outdoor All units in York/Shire cab; **of** Outdoor Retrofit Combo, BB Units 3rd Party Cab;

* **02** – **1st** character denotes Type & Quantity of 0 = No R503; 1 = 1 x R503; 2 = 2 x R503; 3 = 3 x R503; 4 = 4 x R503;

Baseband (BB) Exp. Module

**2nd** character denotes Type & Quantity of BB 0 = No BB 1 = 1 x BB6630; 2 = 2 x BB6630; 3 = 3 x BB6630; 4 = 4 x BB6630; 5 = 1 x BB6318;

A = 1 x MM BB6630; B = 2 x MM BB6630; C = 1 x BB6630 + 1 x MM BB6630;

D = 2 x BB6630 + 1 x MM BB6630; E = 1 x BB6630 + 2 x MM BB6630;

F = 2 x BB6630 + 2 x MM BB6630;

* ***To expand this illustration, for T3400 only, for example, with one BB 6630, three Sectors and three Radio 8823 units, would be* 56E34did01.**
* ***Alpha characters that are excluded from use in the radio technology section: “i,” “I,” “o,” “O,” “p,” “P,” “x,” “X.”***