

# M2X72 – Global RF M.2 module

## Regulatory Country list:

- USA (FCC), Canada (ISED), Europe (CE, UKCA test reports), Australia & New Zealand (RCM), Taiwan (NCC), Japan (TELEC).

## Industry Certification:

- PTCRB Certified, NAPRD: 6.16
- GCF Certified, GCF-CC: 3.93.0
- TAC: 35880974



## Supported RF Bands:

5G NR	FR1: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29(Rx), n30, n38, n40, n41, n48, n66, n67(Rx), n70, n71, n75 (Rx), n76(Rx), n77, n78, n79, n91, n92, n93, n94
LTE	FDD: 1, 2/25, 3, 4/66, (5/18/19/26), 7, 8, 12/17, 13, 14, 20, 28, 30, 29(Rx), 32(Rx), 67(Rx), 68, 70, 71 TDD: 34, 38, 39, 40, 41, 42, 43, 48, 46(Rx), 53
UMTS	1, 2, 4, 5, 8

Modem Processor	SDX72
eSIM	Thales MFFXS-EUICC-GLC01
Transceiver	SDR753

Standard compliance	3GPP Release 17 5G NR
Multimode support	3GPP WCDMA Rel-99, HSDPA, HSUPA, HSPA+, and DC- HSPA+ 3GPP LTE FDD and TDD with CA 5G NR sub-6 GHz Licensed assisted access (LAA)
Antenna ports	Four antenna ports. WWAN on all four ports. GNSS on two antenna ports
4G/5G concurrency	Yes
DL MIMO	4 × 4 Rx: All 4G and 5G MHB and UHB bands 2 × 2 Rx: LB and B46
UL MIMO	FDD band: • MHB: 1, 25, 3, 7, 66 TDD band, switched: • HB: 41 • UHB: 48, 77, 78, 79
Tx power class (HPUE)	PC2: n(41, 77, 78,79) PC1.5: n(41, 77, 78, 79) UL MIMO
GNSS	GPS, GLONASS, Galileo, and BeiDou support. Simultaneous L1 and L5
WAN and GNSS modes	Simultaneous GNSS (WAN + GNSS at the same time) Standalone GNSS (without WAN)