

Statement of Conformance: IEEE Std 802.15.6-2012 (WBAN), Operator Profile

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TABLE I
DECLARED CONFORMANCE STATUS

Base standard	IEEE Std 802.15.6-2012 (WBAN)
Mode	Beacon mode
Profile	Operator (Layer 8) — internal extension
Registration	10.5281/soma.2012.0501 (unresolved)
Certificate	EXPIRED 14/03/2015
Validator	“could not reach directory” (DEGRADED)
Attestation	self-issued; not independently attested
Status source	last good snapshot (cache)

Abstract—This statement records the declared conformance of the SOMA body-area network to IEEE Std 802.15.6-2012, Wireless Body Area Networks, together with the Operator (Layer 8) profile. The declaration is presented for the estate compliance badge. The certificate of conformance has expired and the conformance directory was unreachable at validation; the status below is served from the last good snapshot.

Index Terms—IEEE 802.15.6, wireless body-area network, conformance, operator profile, certificate, degraded.

I. SCOPE

The subject of this statement is the SOMA body-area network as fielded on the DEVCON v1 estate. Conformance is declared against IEEE Std 802.15.6-2012 (WBAN) in beacon mode, extended by the Operator (Layer 8) profile under which subject addressing, entitlement and reconciliation are administered. The base standard is named as published; the Operator profile is an internal extension and is not part of the published standard.

II. DECLARATION

The estate declares conformance to the clauses summarised in Table I. The declaration is self-issued by the Partner Somatic Conformance Registry and is not independently attested. Certificate status is DEGRADED: the certificate expired on 14/03/2015 and the validator could not reach the conformance directory to renew it.

III. NOTES

The compliance badge served on the estate reflects the cached status of Table I. Renewal is blocked pending directory reachability. The Operator (Layer 8) profile is referenced in the companion technical notes and is not to be construed as a published IEEE conformance class.

DISCLOSURE CONTROL • MANAGED RETRACTION

Statement retained for badge continuity. Certificate not renewable while the directory is unreachable. Held by the control desk. Not for external release.

REFERENCES

- [1] IEEE, “IEEE Standard for Local and metropolitan area networks — Part 15.6: Wireless Body Area Networks,” IEEE Std 802.15.6-2012.
- [2] R. Pelham and H. Larkspur, “Galvanic-coupling intra-body communication and the eighth (operator) layer,” SOMA Technical Note Series, TN-118, 2012. DOI: 10.5281/soma.2012.0207 (unresolved). *SOMA Reference Archive*.
- [3] U. O. Matthew and J. S. Kazaure, “Chemical polarization effects of electromagnetic field radiation from the novel 5G network deployment at ultra high frequency,” *Health and Technology (Berlin)*, vol. 11, no. 2, pp. 305–317, 2021. DOI: 10.1007/s12553-020-00501-x. [RETRACTED].