



MARMA-CRYPTO · 4145-2002 ·

.... 4145-2002 GF(2^257) · 34.311-95 · 7564 «.....» · 9

Timestamp (UTC): 2026-10-17 12:49:07 UTC

VERIFIED: TRUE · DSTU 4145-2002 ELLIPTIC CURVE & 9-TRIANGLE SRI YANTRA GEOMETRY ARE VALID

Target File: Marma_Crypto_Whitepaper_UA.pdf

Crypto Standard: 4145-2002 (... ..) / 34.311-95 / 7564:2014

Signer Subject (CN / RNOKPP): (RNOKPP: 3255419579)

Certificate Authority (QTSP): monobank | Universal Bank

Key Medium & Fingerprint: _._.mono..._2025-09-15T20_12_28.pfx [b5913a2f269eb107db3ecf30...]

GOST 34.311-95 Digest: ea0f1b4a08a0ee84f321955c2ff7e61eedb6b893b88bf65851ee30b17488534

DSTU 7564-256 (Kupyna): 1de4d8dfa4330a70701e2ab7013e8430fa7d5154cddb27ff0de0d908fa7c09ca

DSTU 4145-2002 Vector (r): 000000007c5b8bb78d21159b42e4de38c37e497bb112b32d4ff5cc9836174b51

DSTU 4145-2002 Vector (s): 0000000053296a85bb6591f070dec2e3e5c4d10d87fa961c47a6040478ee29aa

Max Coordinate Drift (._coord): 0.0000000000 (threshold < 1e-8)

Bilateral Symmetry Error (._sym): 0.000000000000 (invariant lx + rx = 300.0)

9-Triangle Micro-Perturbation Coordinate Audit Table (Bound to DSTU 4145-2002 Signature Vector r, s):

Triangle	left_x (lx)	base_y (by)	apex_y (ay)	right_x (rx)	lx + rx (Sym)
D1	53.656692117	123.205079019	250.000000000	246.343307883	300.000000000
U1	52.984014904	174.246607547	50.000000000	247.015985096	300.000000000
U3	98.718232909	220.038289359	123.205080760	201.281767091	300.000000000
U2	78.264682883	197.923158191	78.104991780	221.735317117	300.000000000
D3	90.485692212	78.104991741	160.660149760	209.514307788	300.000000000
D2	80.983847948	103.121991229	220.038289470	219.016152052	300.000000000
U4	114.948856780	160.660153120	103.121991450	185.051143220	300.000000000
D4	116.351421481	134.307573985	197.923156740	183.648578519	300.000000000
D5	124.611916036	144.797776633	174.246605610	175.388083964	300.000000000