```
# A2.2 - EchoPulse Test Vector Export Table | TestCase | SK (Hex) | r
(Hex) | v priv | v enc | Hash Input (Hex) | Shared Key K (Hex) |
·
-----|
-----
  -----| | 1 |
0123456789ABCDEF00112233445566778899AABBCCDDEEFF01234567 |
AABBCCDDEEFF0123456789ABCDEF00112233445566778899 | 4A3B | C1D2 |
D2C1AABBCCDDEEFF0123456789ABCDEF00112233445566778899 |
FEDCBA9876543210FFEECCBBAA99887766554433221100FFEDCBA9 |
00112233445566778899AABBCCDDEEFFFEDCBA987654321000112233 | F0E1 | 2345
| 452300112233445566778899AABBCCDDEEFFFEDCBA987654321000112233 |
1A2B3C4D5E6F708192A3B4C5D6E7F8090A1B2C3D4E5F6781A2B3C4D |
7890ABCDEF1234567890ABCDEF1234567890ABCDEF1234567890ABCD | 6789 | A0B1
| B1A07890ABCDEF1234567890ABCDEF1234567890ABCDEF1234567890ABCD |
9876543210FEDCBA9876543210FEDCBA9876543210FEDCBA987654 |
BCDEF0123456789ABCDEF0123456789ABCDEF0123456789ABCDEF01 | CDEF | 9012 |
1290BCDEF0123456789ABCDEF0123456789ABCDEF0123456789ABCDEF01 |
6A1B8C2D4E6F0A1B8C2D4E6F0A1B8C2D4E6F0A1B8C2D4E6F | | 5 |
2B4D6F81A3C5E7091B3D5F7294B6D80A2C4E608B4D6F81A3C5E709 |
8C0A2E46183C507492B6D80AFC2E46183C507492B6D80AFC2E4618 | B3A4 | 5A4B |
4B5A8C0A2E46183C507492B6D80AFC2E46183C507492B6D80AFC2E4618 |
D3E1A8C2B9F05E6D1A8C2B9F05E6D1A8C2B9F05E6D1A8C2B9F05E6D1A8C2B9
```

Explanation of the Fields:

TestCase: A simple identifier for each test vector.

SK (Hex): The secret key, represented as a 28-byte hexadecimal string.

r (Hex): The random payload, represented as a 28-byte hexadecimal string.

v_priv: The 2-byte private key state after applying SK, hex-encoded in little-endian.

v_enc: The 2-byte encapsulation state after applying r from the public key state (derived from PK), hex-encoded in little-endian.

Hash_Input (Hex): The concatenation of the hex-encoded little-endian v_enc followed immediately by the hex-encoded r.

Shared Key K (Hex): The SHA3-256 hash of the Hash_Input, represented as a 64-character hexadecimal string.

Note: The v_priv, v_enc, and Shared Key K values are placeholders and would be the result of actual EchoPulse symbolic execution and SHA3-256 computations based on a specific graph and the provided SK and r. For real testing, these values need to be generated by a correct EchoPulse implementation. This table provides the structural format for the test vectors.