

CLIENT DEVICE INTEROPERABILITY TEST RESULTS

| Document Version: v1.0 | | |
|--|------------------------|---|
| Client Device Details | | |
| Client Device Make | Apple | |
| Client Device Type | Mobile | |
| Client Device Model | iPhone 14 Pro | |
| Client Device OS type & Version | iOS 17.0.1 | |
| Tested Client Device NIC capability | 11ax, 2 Spatial Stream | |
| Test Configuration | | |
| Aruba OS Version | 8.11.2.0-87947 | |
| Access Point | AP-635 & AP-615 | |
| Channels | | |
| 2.4 GHz Radio | ✓ | 1,6,11 |
| 5 GHz Radio | ✓ | 36-165 |
| Basic Wi-Fi Interoperability Test and Capability Results | | |
| Feature | Support | Capability Details |
| Association | | |
| Supported Encryption Opmodes | ✓ | Open, Mac Auth, Open WEP, PSK(TKIP/AES), Enterprise (TKIP/AES), Mixed (PSK/AES) |
| Roaming | | |
| Fast Transition (802.11r) | ✓ | FT with both PSK and Enterprise SSID |
| Opportunistic Key Caching (OKC) | X | OKC is not supported |
| Protocols | | |
| BSS Transition (802.11v) | ✓ | BSS Transition Capable |
| WMM Client (802.11e) | ✓ | 802.11e Capable |
| WMM-PS (U-APSD) | X | Does not support U-APSD Power Save |
| Radio Resource Management (802.11k) | ✓ | BR, LM and NR Capable |
| Management Frame Protection (802.11w) | ✓ | MFP-Capable and MFP-Required |
| 802.11h and 802.11d | ✓ | Supports DFS and TPC |

| WPA3 Opmodes | | |
|-------------------------------|---|--|
| OWE | X | Not Capable of OWE |
| WPA3-SAE | ✓ | SAE Capable |
| WPA3-CCM-128 | ✓ | CCM-128 Capable |
| WPA3-SuiteB | ✓ | Suite-B Capable |
| WPA3-AES-GCM-256 | X | Not supported |
| WPA3 + 11r | | |
| SAE+11r | ✓ | SAE Capable |
| WPA3-CCM-128 + 11r | ✓ | Capable of WPA3-CCM-128 + 11r |
| SuiteB +11r | ✓ | Suite-B Capable |
| WPA3-AES-GCM256 + 11r | X | Not Supported by client |
| 802.11ax Client Capabilities | | |
| 802.11ax Capable | ✓ | 11ax Capable |
| DL-OFDMA | ✓ | Capable of transmitting OFDMA frames |
| UL-OFDMA | ✓ | Capable of receiving OFDMA. frames |
| DL MU-MIMO | ✓ | Capable of transmitting HE MU-MIMO frames |
| UL MU-MIMO | X | Not Capable |
| TWT Capable | X | Not Capable |
| 1024 QAM Capable | ✓ | All rates up to MCS 11 supported in both Tx and Rx |
| WiFi 6E | | |
| 6E Capable | X | Not Capable |
| Notes and Additional Comments | | |
| | | |

NOTE: Client Device may support a superset of the above capabilities

ABBREVIATIONS: NR: Neighbor Report; BR: Beacon Report; LM: Link Measurement, TSM: Transmit Stream Measurement, MFP: Management Frame Protection, FT: Fast Transition, OKC: Opportunistic Key Caching, DFS: Dynamic Frequency Selection, TPC: Transmit Power Control, DL: Downlink, UL: Uplink, TWT: Target Wake Time, OFDMA: Orthogonal Frequency Division Multiple Access