CLIENT DEVICE INTEROPERABILITY TEST RESULTS

Document Version: v1.0	
Client Device Details	
Client Device Make	**Zebra**
Client Device Type	**Mobile**
Client Device Model	TC21
Client Device OS type	Android 10.0.0
Tested Client Device NIC capability	11ac, 2 Spatial Stream
Test Configuration	
Aruba OS Version	8.7.0.0-78245
Access Point	AP-515

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)
Channels		
2.4 GHz Radio	✓	1,6,11
5 GHz Radio	✓	36-165
Roaming		
Opportunistic Key Caching (OKC)	✓	OKC supported
Fast Transition (802.11r)	✓	FT with both PSK and Enterprise SSID
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)	✓	Capable of 11k
Management Frame Protection (802.11w)	✓	MFP-Capable and MFP-Required
802.11h and 802.11d	✓	Supports DFS and TPC
WPA3 Capabilities		
OWE	✓	OWE Capable
WPA3-SAE	✓	SAE Capable
WPA3-CCM-128	✓	CCM-128 Capable
WPA3-SuiteB	✓	Suite-B Capable

WPA3-AES-GCM-256	✓	GCM-256 Supported

Roaming with WPA3		
SAE+11r	✓	Supports SAE+11r roaming
WPA3-CCM-128 + 11r	✓	Supports WPA3-CCM-128 + 11r roaming
Suite-B +11r	✓	Supports Suite-B + 11r
WPA3-AES-GCM256 + 11r	✓	Supports GCM-256 + 11r
802.11ax Client Capabilities		
802.11ax Capable	X	Client does not support 802.11ax
DL-OFDMA	X	Client does not support 802.11ax
UL-OFDMA	X	Client does not support 802.11ax
DL MU-MIMO	X	Client does not support 802.11ax
UL MU-MIMO	X	Client does not support 802.11ax
TWT Capable	X	Client does not support 802.11ax
1024 QAM Capable	X	Client does not support 802.11ax
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