DMR ASSOCIATION INTEROPERABILITY TEST SUMMARY
DMR Tier II Interoperability Test Report
DMR ASSOCIATION

Document Name: *Caltta_Vertel_Test_Summary_August2020*
Dates of Report : August 6, 2020
DMR Association Test Laboratory Code: *DMRA:IOP:11.04.14*
DMRAssociation_TIER_II_Interoperability_Test_Laboratory Location: *11F, Building G2, International E-City, Nanshan District, Shenzhen, P.R. China*
Date(s) of Test : July 29, 2020

Equipment Details:

Manufacturer A DMR Equipment System Tested	
Manufacturer	CALTTA TECHNOLOGIES CO., LTD.
Model	Base Station : PR900 Mobile Station: PH690
Firmware	Base Station : V1.50.07B01 Mobile Station: V3.06.05.B3
Operating Freq. Range	400-470MHz
Serial Number(s)	Base Station : 1234567890 Mobile Station: 321193232001,321193232035,321193232022,321193232012

Manufacturer B DMR Equipment System Tested	
Manufacturer	Vertel Digital Pvt.Ltd.
Model	Mobile Station: DPR 7000
Firmware	Mobile Station: V5.70.002
Operating Freq. Range	400-470MHz
Serial Number(s)	Mobile Station: 42664029000001, 42664029000002, 42664029000003, 42664029000004

Testers Initials:_Zhang Zhipeng___   Approver Initials:_Stone (Authorized by Li Zong Zheng)

Test Sessions Verdicts

Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.3 Group Call	Group Call in repeater mode and Direct Mode	M	P	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Voice Repeating, Call Hangtime, Late Entry Direct mode : Channel Access, Voice transmission, Late Entry
[1] - 2.4 Individual Call – PATCS	Individual PATCS Call in repeater mode and Direct Mode	M	P	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Voice Repeating, Call Hangtime, Late Entry Direct mode : Channel Access, Voice transmission, Late Entry
[1] - 2.5 Individual Call – OACSU	Individual OACSU Call in repeater mode and Direct Mode	M	P	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Voice Repeating, Call Hangtime Direct mode : Channel Access, Voice transmission
[1] - 2.6 All Call	All Call in repeater mode and Direct Mode	M	P	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Voice Repeating, Late Entry Direct mode : Channel Access, Voice transmission, Late Entry

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Testers Initials: _Hang Thyperg_ Approver Initials: _Stone_

Test Sessions Verdicts

Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.3 Radio Check	Radio Check in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Radio Check initiation and response.
[1] - 2.4 Call Alert	Call Alert in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Call Alert initiation and response.
[1] - 2.5 Radio Disable/Enable	Radio Disable/Enable in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Radio Disabling, Re enabling the disabled radio.
[1] - 2.6 Remote Monitor	Remote Monitor in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Initiating Remote Monitor, Voice repeating from a radio being monitored.
[1] - 2.7 Emergency Alarm	Emergency Alarm in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Emergency Alarm initiation and response.
[1] - 2.8 Emergency Call	Emergency Call in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Emergency voice repeating, Group voice repeating, Late Entry.

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Testers Initials: _Zhang zhipan_ Approver Initials: _Stone_

DMR logo (top left)

Equipment Details:

Manufacturer B DMR Equipment System Tested	
Manufacturer	Vertel Digital Pvt.Ltd.
Model	Base Station: DRR 9000 Mobile Station: DPR 7000
Firmware	Base Station : V3.90.003 Mobile Station: V5.70.002
Operating Freq. Range	400-470MHz
Serial Number(s)	Base Station: 424740203000022 Mobile Station: 42664029000001, 42664029000002, 42664029000003, 42664029000004

Manufacturer A DMR Equipment System Tested	
Manufacturer	CALTTA TECHNOLOGIES CO., LTD.
Model	Mobile Station: PH690
Firmware	Mobile Station: V3.06.05.B3
Operating Freq. Range	400-470MHz
Serial Number(s)	Mobile Station: 321193232001,321193232035,321193232022,321193232012

Testers Initials: _Zhang Zhiyong_ Approver Initials: _Stone_

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Test Sessions Verdicts

Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.3 Group Call	Group Call in repeater mode and Direct Mode	M	P	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Voice Repeating, Call Hangtime, Late Entry Direct mode : Channel Access, Voice transmission, Late Entry
[1] - 2.4 Individual Call – PATCS	Individual PATCS Call in repeater mode and Direct Mode	M	P	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Voice Repeating, Call Hangtime, Late Entry Direct mode : Channel Access, Voice transmission, Late Entry
[1] - 2.5 Individual Call – OACSU	Individual OACSU Call in repeater mode and Direct Mode	M	P	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Voice Repeating, Call Hangtime Direct mode : Channel Access, Voice transmission
[1] - 2.6 All Call	All Call in repeater mode and Direct Mode	M	P	Tested the following functionalities: Repeater mode: Channel Access, BS Activation, Voice Repeating, Late Entry Direct mode : Channel Access, Voice transmission, Late Entry

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Testers Initials: _Zhong Zhiyong_ Approver Initials: _Stone_

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Test Sessions Verdicts

Test Session	Feature	Feature's Status	Verdict	Comments
[1] - 2.3 Radio Check	Radio Check in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Radio Check initiation and response.
[1] - 2.4 Call Alert	Call Alert in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Call Alert initiation and response.
[1] - 2.5 Radio Disable/Enable	Radio Disable/Enable in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Radio Disabling, Re enabling the disabled radio.
[1] - 2.6 Remote Monitor	Remote Monitor in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Initiating Remote Monitor, Voice repeating from a radio being monitored.
[1] - 2.7 Emergency Alarm	Emergency Alarm in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Emergency Alarm initiation and response.
[1] - 2.8 Emergency Call	Emergency Call in repeater mode and Direct Mode	O	P	Tested the following functionalities: Channel Access, BS Activation(repeater mode only), Emergency voice repeating, Group voice repeating, Late Entry.

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Testers Initials: _Zhong Zhipeng_ Approver Initials: _Stone_