COPPER MOUNTAIN TECHNOLOGIES

VNA Performance Test Customer version Release Notes

R-series
Cobalt series

17 April 2017
Version 2.1.156.2654

This version is designed for performance testing of VNAs and supports two verification methods: common verification and calibration comparison.
Beginning from this version, VNAPT has a compatibility property, it means that all the following releases will support reports created by earlier versions.

Table 1 List of supported devices

Vector reflectometers	
R-series	
R54	50 Ω, basic configuration, 85 MHz to 5.4 GHz
R60	50 Ω, basic configuration, 1 MHz to 6 GHz
R140	50 Ω, basic configuration, 85 MHz to 14 GHz
R160	50 Ω, basic configuration, 85 MHz to 16 GHz
RP5	50 Ω, customized solutions, 1 MHz to 0.5 GHz
RP60	50 Ω, customized solutions, 1 MHz to 6 GHz
RP180	50 Ω, customized solutions, 1 MHz to 18 GHz, 46.875 MHz to 18 GHz
Vector network analyzers	
Cobalt series	
C1209	2-ports, 50 Ω, basic configuration, from 100 kHz to 9.0 GHz
C1220	2-ports, 50 Ω, basic configuration, from 100 kHz to 20.0 GHz
C2220	2-ports, 50 Ω, direct receiver access, from 100 kHz to 20.0 GHz

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R-series
Cobalt series
Full size series
Compact series

14 June 2017
Version 2.1.185.2988

The list of supported devices is expanded from 10 to 34.
Changed the appearance of the Power Accuracy Test.

Table 2 List of supported devices

Vector reflectometers	
R-series	
R54	50 Ω, basic configuration, 85 MHz to 5.4 GHz
R60	50 Ω, basic configuration, 1 MHz to 6 GHz
R140	50 Ω, basic configuration, 85 MHz to 14 GHz
R160	50 Ω, basic configuration, 85 MHz to 16 GHz
R180	50 Ω, basic configuration, 1 MHz to 18 GHz
RP5	50 Ω, customized solutions, 1 MHz to 0.5 GHz
RP60	50 Ω, customized solutions, 1 MHz to 6 GHz
RP180	50 Ω, customized solutions, 1 MHz to 18 GHz, 46.875 MHz to 18 GHz
Vector network analyzers	
Cobalt series	
C1205	2-ports, 50 Ω, basic configuration, from 100 kHz to 4.8 GHz
C1207	2-ports, 50 Ω, basic configuration, from 100 kHz to 7.0 GHz
C1209	2-ports, 50 Ω, basic configuration, from 100 kHz to 9.0 GHz
C1214	2-ports, 50 Ω, basic configuration, from 100 kHz to 14.0 GHz
C1220	2-ports, 50 Ω, basic configuration, from 100 kHz to 20.0 GHz
C1409	4-ports, 50 Ω, basic configuration, from 100 kHz to 9.0 GHz
C1420	4-ports, 50 Ω, basic configuration, from 100 kHz to 20.0 GHz

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Vector network analyzers	
C2209	2-ports, 50 Ω, direct receiver access, from 100 kHz to 9.0 GHz
C2409	4-ports, 50 Ω, direct receiver access, from 100 kHz to 9.0 GHz
C2220	2-ports, 50 Ω, direct receiver access, from 100 kHz to 20.0 GHz
C2420	4-ports, 50 Ω, direct receiver access, from 100 kHz to 20.0 GHz
C4209	2-ports, 50 Ω, frequency extension solution, from 100 kHz to 9.0 GHz
C4409	4-ports, 50 Ω, frequency extension solution, from 100 kHz to 9.0 GHz
C4220	2-ports, 50 Ω, frequency extension solution, from 100 kHz to 20.0 GHz
C4420	4-ports, 50 Ω, frequency extension solution, from 100 kHz to 20.0 GHz
Full size series	
PLANAR 304/1	2-ports, 50 Ω, basic configuration, from 100 kHz to 3.2 GHz
PLANAR 804/1	2-ports, 50 Ω, basic configuration, from 100 kHz to 8.0 GHz
PLANAR 808/1	4-ports, 50 Ω, basic configuration, from 100 kHz to 8.0 GHz
PLANAR 814/1	2-ports, 50 Ω, direct receiver access, from 100 kHz to 8.0 GHz
Compact series	
S5048	2-ports, 50 Ω, basic configuration, from 20 kHz to 4.8 GHz
S5065	2-ports, 50 Ω, basic configuration, from 9 kHz to 6.5 GHz
S5085	2-ports, 50 Ω, basic configuration, from 9 kHz to 8.5 GHz
S7530	2-ports, 75 Ω, basic configuration, from 20 kHz to 3.0 GHz
PLANAR TR1300/1	2-ports, 50 Ω, one-directional, from 300 kHz to 1.3 GHz
TR5048	2-ports, 50 Ω, one-directional, from 20 kHz to 4.8 GHz
TR7530	2-ports, 75 Ω, one-directional, from 20 kHz to 3.0 GHz