CM-OFDM-01

Product Release Notes

Feature Release

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About Wellav

Wellav Technologies Ltd. is a leading global provider of professional video delivery solutions. The company is committed to developing and manufacturing world-class video processing, monitoring equipments and solutions to help video service providers address real business challenges in video distribution via HFC and IP-based network. The company is headquartered in Huizhou, China with 500 employees in 2 operation centers and over 10 regional sales/support offices around different continents. With global service, Wellav provides system integration and technical expertise to support more than 2000 CATV, FTTH, IPTV/OTT, Satellite/Terrestrial, Broadband service providers to deliver high-quality video programs to hundred millions of viewers around the world. More information about Wellav is available at the company's website, www.wellav.com.

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Revision History

Date	Revision	Description	Author
20/1/2022	1.0	1.4.200 Release Notes	RF
25/3/2022	1.1	1.5.0 Release Notes	RF
10/5/2022	1.2	1.5.2 Release Notes	RF
28/7/2022	1.3	1.5.4 Release Notes	RF
14/2/2023	1.4	1.5.7 Release Notes	RF
4/8/2023	1.5	1.6.0 Release Notes	RF
15/12/2023	1.6	1.6.2 Release Notes	RF

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Feature Release V1.6.2

Release NO.

CM-OFDM-01_V1.6.2.WVUpgrade

Release Date

December 15, 2023

New Features

None

Resolved Issues

1. Resolved the issue that the SNMP could not set the frequency point to 47M.

2. Resolved the issue that the destination on input could be cleared synchronously sometime.

Test Results

positive

Remaining Issues

Feature Release V1.6.0

Release NO.

CM-OFDM-01_V1.6.0.WVUpgrade

Release Date

February 14, 2023

New Features.

1. Rebuilt the version number from V1.5.11 to V1.6.0

2. Newly support import/export NIT table

3. Newly support modify the TOT table.

4. Newly support PSI insert.

Resolved Issues

1. Modify the frequency point range of the cable descriptor to 0-999000KHz; Baud rate: 0-7000 Ksymbol/s

2. Modify the frequency point range of the satellite descriptor to 0-15000KHz; Baud rate: 1-45000 Ksymbol/s

3. Incorporate the version number configuration on NIT feature.

4. Resolved the issue that when the module is abnormal, the status light of the module would still be green light.

5. Resolved the issue that the RF level on the last 4 frequency channels are different with the setting value.

Test Results

positive

Remaining Issues

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Feature Release V1.5.7

Release NO.

CM-OFDM-01_V1.5.7.WVUpgrade

Release Date

February 14, 2023

New Features

1. The import and export feature were blocked in NIT configuration.

2. The additional range of NIT Stream from 50 add to 96.

Resolved Issues

1. Resolved the issue that when the modulation channels work abnormally, the indicator light still shows green light.

2. Resolved the issue that export the NIT configuration file failed.

3. Optimize the text description on the module.

Test Results

positive

Remaining Issues

Feature Release V1.5.4

Release NO.

CM-OFDM-01_V1.5.4.WVUpgrade

Release Date

July 28, 2022

New Features

Resolved Issues

1. Resolved the issue that the level is inaccurate at the old board.

2. Resolved the issue that at maxhold mode, there still have single-tone jamming, the OOB rejection would <20dB.

3. Resolved the issue that at average mode, the OOB spurious signal would reach 47dB.

Test Results

positive

Remaining Issues

1. The status light would still bring green when there has program in the channel without output or overflow、 lost package.

Feature Release V1.5.2

Release NO.

CM-OFDM-01_V1.5.2.WVUpgrade

Release Date

May 10, 2022

New Features

1. Newly add LCN selection in the baseboard system.

2. The module would block the NIT setting at the program setting under ATSC standard.

Resolved Issues

1. Resolved the issue that some board cards need loading half an hour.

Test Results

positive

Remaining Issues

1. The status light would still bring green when there has program in the channel without output or overflow、 lost package.

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Feature Release V1.5.0

Release NO.

CM-OFDM-01_V1.5.0.WVUpgrade

Release Date

March 25, 2022

New Features

1. Rebuilt the version number from V1.4.0 to V1.5.0

Resolved Issues

Test Results

positive

Remaining Issues

None.

Feature Release V1.4.200

Release NO.

CM-OFDM-01_V1.4.200-WVUpgrade

Release Date

January 20, 2022

New Features

1. Add PHDE(GSS) style.

2. Replace the old PHY chip.

3. Add clearing IP communication cache mechanism.

4. Support BIG5 format font.

5. Output program configuration hides "Channel Number" and "Single-Part Mode" configuration.

6. Add hardware version number.

Resolved Issues

1. Resolved the issue that the module is occasionally loading.

2. Resolved the issue that the Master-slave chip mismatch occurs after power off.

3. Resolved the issue that if the MAC address is lost, it must use the license tool to directly connect the device to update the MAC address.

4. Resolved the issue that loading failure caused by abnormal PHY chip.

5. Resolved the issue that after the license expires, reboot or do factory resetting, the remaining time of module license is the original license time.

6. Optimize the issue that license time control.

7. Resolved the issue that the PID cannot be modified.

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8. Resolved the issue that unable to modify output parameter Service Type.

9. Resolved the issue that the TS stream containing the TDT table is multiplexed to the last four channels of the modulation board, and the repeated count error of the TDT table occurs.

10. Resolved the issue that the SNMP cannot get parameters on the CMP201 of the changed PHY.

Test Results

positive

Remaining Issues

1. The channel program configuration output is abnormal but the module status light is still green

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