

Technical Data Sheet (UPDATED 22 APRIL 2015)

Some AFN viewers in the Pacific who migrated to the new Korea-Sat 5 satellite are reporting that they are receiving a substandard signal. We very much regret this, and we're doing something about it. If you live off-base in Japan, Korea or the Philippines and receive AFN TV from satellite, making a few easy decoder setting changes will improve signal quality. The second step to improve your signal quality is to have a minimum size satellite dish of 80 centimeters.

All off-base AFN TV viewers in Japan, Korea or the Philippines need to make these decoder setting changes now through May 29.

All viewers currently receiving AFN while serving with a land-based unit in the Central Pacific to Thailand via the IS-19 C-band satellite must make the changes outlined below between May 1-29. If you currently receive AFN while serving with a land-based unit in the Central Pacific to Thailand via the IS-19 C-band satellite, we have a different solution that will reduce the chances of weather caused signal interruption. We strongly suggest you call our 24/7 Help Desk now so that one of our highly trained experienced technicians can give you the best course of action for your location and circumstances. You can reach them at DSN 312-348-1339 or U.S. commercial 951-413-2339 or email them at sathelpdma@mail.mil.

Here are the two satellites impacted, and their technical specifications:

1. SATELLITE CURRENTLY SERVING LAND-BASED UNITS FROM THE CENTRAL PACIFIC TO THAILAND VIA IS-19 moving to IS-18 (C-Band) change to new satellite May 1-29 .

CURRENT TECHNICAL SPECIFICATIONS:

IS-19, 166 ° East
TR:WH8C/WHCV/WHCH
Downlink: 3.860 GHz, HP
L-Band/LO Freq: 1290/5150
Symbol Rate: 28.0000 MSymbols/sec
FEC: ¾
Network ID: 14

NEW TECHNICAL SPECIFICATIONS:

IS-18, 180 ° East
TR:NH1C LHCP/RHCP
Downlink: 3753.26 MHz
Symbol Rate: 28.0000 MSymbols/sec
FEC: ¾
Network ID: 19

2. SATELLITE CURRENTLY SERVING AMERICAN VIEWERS LIVING IN JAPAN, KOREA AND THE PHILLIPINES Korea-Sat 5 change to new satellite now-29 May:

CURRENT TECHNICAL SPECIFICATIONS:

Korea-Sat 5, 113 ° East
TR: FSS21
Uplink: 14.418 GHz, HP
Downlink: 12.670 GHz, VP
L-Band/LO Freq: 2070/10.6
53.61 dBW EIRP
Network ID: 15
Symbol Rate: 28.0 MS/s

NEW TECHNICAL SPECIFICATION

Korea-Sat 5, 113 ° East
TR: FSS17
Uplink: 14.338 GHz, HP
Downlink: 12.590 GHz, VP
L-Band/LO Freq: 1990/10.6
53.61 dBW EIRP
Network ID: 18
Symbol Rate: 28.0 MS/s

If you do not currently have a signal, minimum satellite dish size to get signal lock is 80 centimeters.

The site www.dishpointer.com can help.

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