

LTE B12_5 M_Band Edge_Low_QPSK_FullIRB



LTE B12_5 M_Extended Band Edge_Low_QPSK_FullIRB



The screenshot displays a Spectrum Analyzer interface with the following components:

- Top Bar:** "Spectrum Analyzer 1" and "Swept SA" are shown on the left. A central toolbar contains a "+" button and a gear icon. On the right, "Frequency" is displayed with a dropdown arrow, and a signal icon is visible.
- Configuration Panel (Top):**
 - Input:** RF, Coupling: DC, Align: Auto
 - Input Z:** 50 Ω , Corrections: Off
 - #Atten:** 20 dB, Preamp: Off
 - PNO:** Best Close, Gate: Off
 - #Avg Type:** Power (RMS), Trig: Free Run
 - Resolution Bandwidth (RBW) Markers:** 1, 2, 3, 4, 5, 6. Below them are labels: A, WWW, WWW, W, A, A, A, A, A, A.
- Display Area:**
 - Scale/Div:** 10 dB
 - Log** (selected)
 - Ref Lvl Offset:** 26.50 dB
 - Ref Level:** 26.50 dBm
 - Signal Trace:** A green trace labeled "Mkr1 716.000 7 MHz -26.448 dBm" is visible. A yellow trace labeled "DL1 -13.00 dBm" is also present.
 - Start Frequency:** 716.00000 MHz
 - Stop Frequency:** 716.10000 MHz
 - Video BW:** 100 kHz
 - #Res BW:** 30 kHz
 - #Sweep:** 2.00 s (1001 pts)
- Right Panel (Settings):**
 - Center Frequency:** 716.050000 MHz
 - Span:** 100.000000 kHz
 - Sweep Span:** ☒ Swept Span, ☐ Zero Span
 - Full Span** (button)
 - Start Freq:** 716.000000 MHz
 - Stop Freq:** 716.100000 MHz
 - AUTO TUNE** (button)
 - CF Step:** 10.000 kHz
 - Auto Man:** ☒ Auto, ☐ Man
 - Freq Offset:** 0 Hz
 - X Axis Scale:** ☐ Log, ☒ Lin
 - Signal Track:** (Span, Zoom)
- Bottom Bar:** Contains standard Windows taskbar icons (Start, Back, Forward, File Explorer, Help, etc.) and a system clock showing "Dec 17, 2024 7:53:31 PM".

LTE B12_5 M_Band Edge_High_QPSK_1RB(2)



The screenshot displays a Spectrum Analyzer 1 interface. The main display area shows a signal trace (yellow line) on a grid. The trace starts at a level of approximately -13.00 dBm (labeled 'DL1 -13.00 dBm') and then drops sharply to a level of approximately -43.5 dBm (labeled 'RMS'). A green horizontal line is visible at -28.907 dBm, labeled 'Mkr1 716.000 MHz -28.907 dBm'. The signal trace is labeled '1'.

The interface includes several control panels and settings:

- Top Panel:**
 - Spectrum Analyzer 1** (Title)
 - Input:** RF, Coupling: DC, Align: Auto
 - Input Z:** 50 Ω
 - Corrections:** Off
 - Freq Ref:** Int (S)
 - NFE:** Adaptive
 - #Atten:** 20 dB
 - Preamp:** Off
 - μ W Path:** Standard
 - PNO:** Best Wide
 - Gate:** Off
 - IF Gain:** Low
 - Sig Track:** Off
 - #Avg Type:** Power (RMS)
 - Trig:** Free Run
 - Frequency:** 716.000000 MHz
 - Settings:** (Menu)
- Left Panel:**
 - 1 Spectrum** (Dropdown)
 - Scale/Div:** 10 dB
 - Log** (Checkbox)
 - Center Frequency:** 716.000000 MHz
 - Span:** 4.000000 MHz
 - Swept Span:** (Checkbox)
 - Zero Span:** (Checkbox)
 - Full Span:** (Button)
 - Start Freq:** 714.000000 MHz
 - Stop Freq:** 718.000000 MHz
 - AUTO TUNE:** (Button)
 - CF Step:** 400.000 kHz
 - Auto:** (Checkbox)
 - Man:** (Checkbox)
 - Freq Offset:** 0 Hz
 - X Axis Scale:**
 - Log:** (Checkbox)
 - Lin:** (Checkbox)
 - Signal Track:** (Span Zoom)
- Bottom Panel:**
 - Center:** 716.000 MHz
 - #Res BW:** 100 kHz
 - #Video BW:** 300 kHz
 - Span:** 4.000 MHz
 - #Sweep:** ~2.01 s (1001 pts)

LTE B12_5 M_Extended Band Edge_High_QPSK_FullRB



LTE B12_10 M_Band Edge_Low_QPSK_1RB



LTE B12_10 M_Band Edge_Low_QPSK_FullRB



LTE B12_10 M_Extended Band Edge_Low_QPSK_FullRB



LTE B12_10 M_Band Edge_High_QPSK_1RB(1)



LTE B12_10 M_Band Edge_High_QPSK_1RB(2)



LTE B12_10 M_Band Edge_High_QPSK_FullRB



LTE B12_10 M_Extended Band Edge_High_QPSK_FullRB



10. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2502-FC071-P