

NR30_5 M_Band Edge(2315MHz-2316MHz)_High_BPSK_1RB



NR30_5 M_Band Edge(2316MHz-2320MHz)_High_BPSK_1RB



Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -39.914 dBm + 10 dB = -29.914 dBm

NR30_5 M_Band Edge(2320MHz-2324MHz)_High_BPSK_1RB



NR30_5 M_Band Edge(2324MHz-2328MHz)_High_BPSK_1RB



NR30_5 M_Band Edge(2328MHz-2337MHz)_High_BPSK_1RB



NR30_5 M_Band Edge(2337MHz-2341MHz)_High_BPSK_1RB



NR30_5 M_Band Edge(2341MHz-2345MHz)_High_BPSK_1RB



NR30_5 M_Band Edge(2345MHz-2365MHz)_High_BPSK_1RB



NR30_5 M_Band Edge(2365MHz-2400MHz)_High_BPSK_1RB



NR30_5 M_Band Edge(2280MHz-2288MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2288MHz-2292MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2292MHz-2296MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2296MHz-2300MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2300MHz-2305MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2315MHz-2316MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2316MHz-2320MHz)_High_BPSK_FullRB



Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -31.459 dBm + 10 dB = -21.459 dBm

NR30_5 M_Band Edge(2320MHz-2324MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2324MHz-2328MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2328MHz-2337MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2337MHz-2341MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2341MHz-2345MHz)_High_BPSK_FullRB



NR30_5 M_Band Edge(2345MHz-2365MHz)_High_BPSK_FullRB



Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
NFE: Adaptive

#Atten: 14 dB
Preamp: Off
μW Path: Standard

PNO: Best Wide
Gate: Off
IF Gain: Low
Sig Track: Off

#Avg Type: Power (RMS)
Trig: Free Run

1 2 3 4 5 6
A WWW WWW
A A A A A A

Center Frequency
2.382500000 GHz

Span
35.0000000 MHz

☒ Swept Span
☐ Zero Span

Full Span

Start Freq
2.365000000 GHz

Stop Freq
2.400000000 GHz

AUTO TUNE

CF Step
3.5000000 MHz

☒ Auto
☐ Man

Freq Offset
0 Hz

X Axis Scale
☐ Log
☒ Lin

Signal Track
(Span, Zoom)

1 Spectrum

Scale/Div 10 dB

Log

Ref Lvl Offset 27.30 dB
Ref Level 0.00 dBm

Mkr1 2.393 455 GHz
-60.786 dBm

DL1 -40.00 dBm

RMS

Start 2.36500 GHz
#Res BW 1.0 MHz

#Video BW 3.0 MHz

Stop 2.40000 GHz
#Sweep 2.00 s (1001 pts)

Windows taskbar: Apr 03, 2025 5:02:08 PM

NR30_10 M_Band Edge(2280MHz-2288MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2288MHz-2292MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2292MHz-2296MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2296MHz-2300MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2300MHz-2304MHz)_Mid_BPSK_1RB



Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -34.289 dBm + 10 dB = -24.289 dBm

NR30_10 M_Band Edge(2304MHz-2305MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2315MHz-2316MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2316MHz-2320MHz)_Mid_BPSK_1RB



Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -37.952 dBm + 10 dB = -27.952 dBm

NR30_10 M_Band Edge(2320MHz-2324MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2324MHz-2328MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2328MHz-2337MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2337MHz-2341MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2341MHz-2345MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2345MHz-2365MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2365MHz-2400MHz)_Mid_BPSK_1RB



NR30_10 M_Band Edge(2280MHz-2288MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2288MHz-2292MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2292MHz-2296MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2296MHz-2300MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2300MHz-2304MHz)_Mid_BPSK_FullIRB



Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -32.469 dBm + 10 dB = -22.469 dBm

NR30_10 M_Band Edge(2304MHz-2305MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2315MHz-2316MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2316MHz-2320MHz)_Mid_BPSK_FullIRB



Note : We used a narrower RBW in order to increase accuracy.

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -36.337 dBm + 10 dB = -26.337 dBm

NR30_10 M_Band Edge(2320MHz-2324MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2324MHz-2328MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2328MHz-2337MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2337MHz-2341MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2341MHz-2345MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2345MHz-2365MHz)_Mid_BPSK_FullIRB



NR30_10 M_Band Edge(2365MHz-2400MHz)_Mid_BPSK_FullIRB



12. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2504-FC075-P