

LTE B30_10 M_Band Edge(2280MHz-2288MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2288MHz-2292MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2292MHz-2296MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2296MHz-2300MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2300MHz-2304MHz)_Low_QPSK_FullRB



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

Calculation = Reading Value + $10 \times \log(1 \text{ MHz}/100 \text{ kHz}) \text{ dB} = -34.092 \text{ dBm} + 10 \text{ dB} = -24.092 \text{ dBm}$

LTE B30_10 M_Band Edge(2304MHz-2305MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2315MHz-2316MHz)_Low_QPSK_FullRB



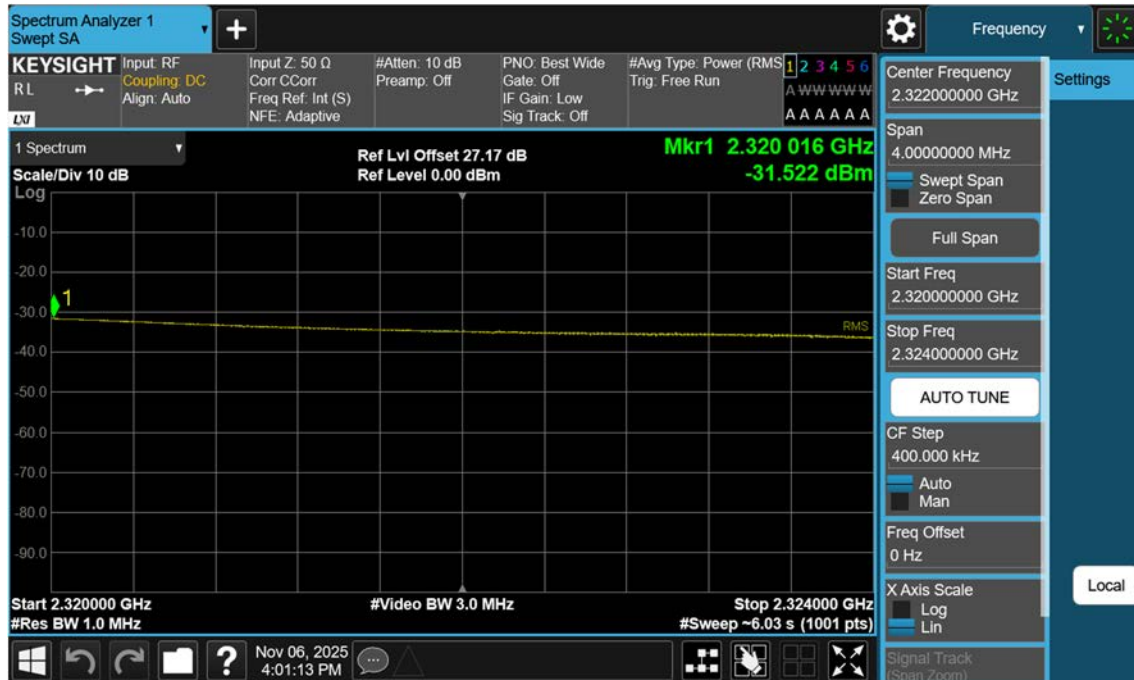
LTE B30_10 M_Band Edge(2316MHz-2320MHz)_Low_QPSK_FullRB



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

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -35.666 dBm + 10 dB = -25.666 dBm

LTE B30_10 M_Band Edge(2320MHz-2324MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2324MHz-2328MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2328MHz-2337MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2337MHz-2341MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2341MHz-2345MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2345MHz-2365MHz)_Low_QPSK_FullRB



LTE B30_10 M_Band Edge(2365MHz-2400MHz)_Low_QPSK_FullRB



LTE B30_5 M_Band Edge(2280MHz-2288MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2288MHz-2292MHz)_Low_QPSK_1RB



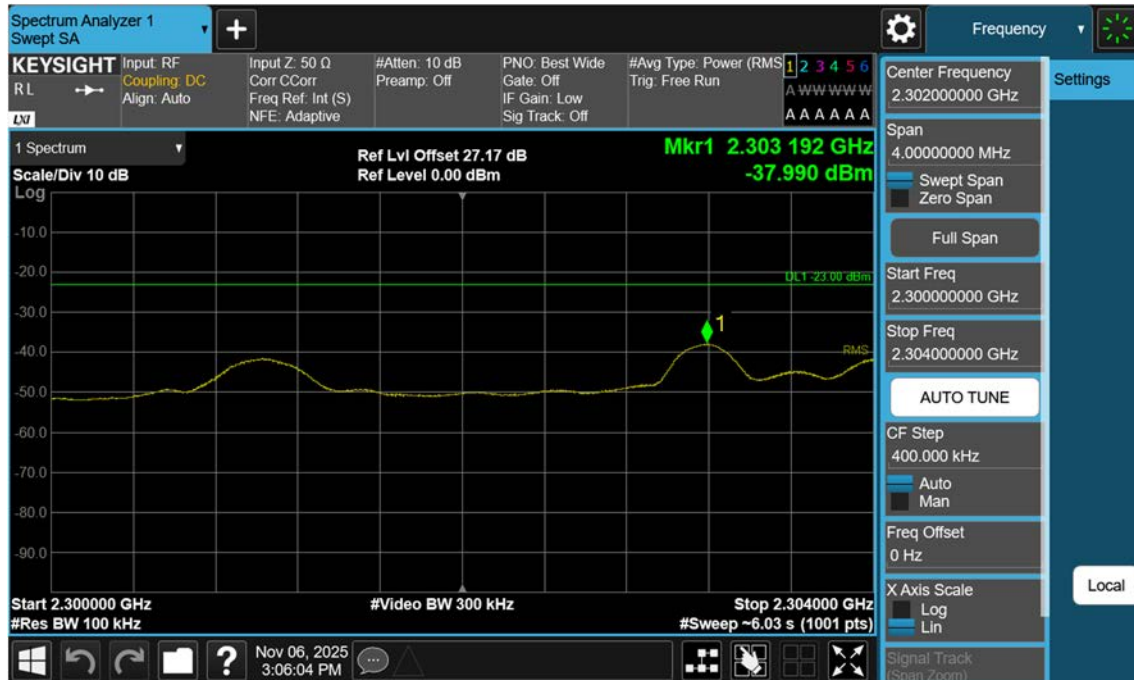
LTE B30_5 M_Band Edge(2292MHz-2296MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2296MHz-2300MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2300MHz-2304MHz)_Low_QPSK_1RB



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

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -37.990 dBm + 10 dB = -27.990 dBm

LTE B30_5 M_Band Edge(2304MHz-2305MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2315MHz-2320MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2320MHz-2324MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2324MHz-2328MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2328MHz-2337MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2337MHz-2341MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2341MHz-2345MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2345MHz-2365MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2365MHz-2400MHz)_Low_QPSK_1RB



LTE B30_5 M_Band Edge(2280MHz-2288MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2288MHz-2292MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2292MHz-2296MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2296MHz-2300MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2300MHz-2305MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2315MHz-2320MHz)_Mid_QPSK_1RB



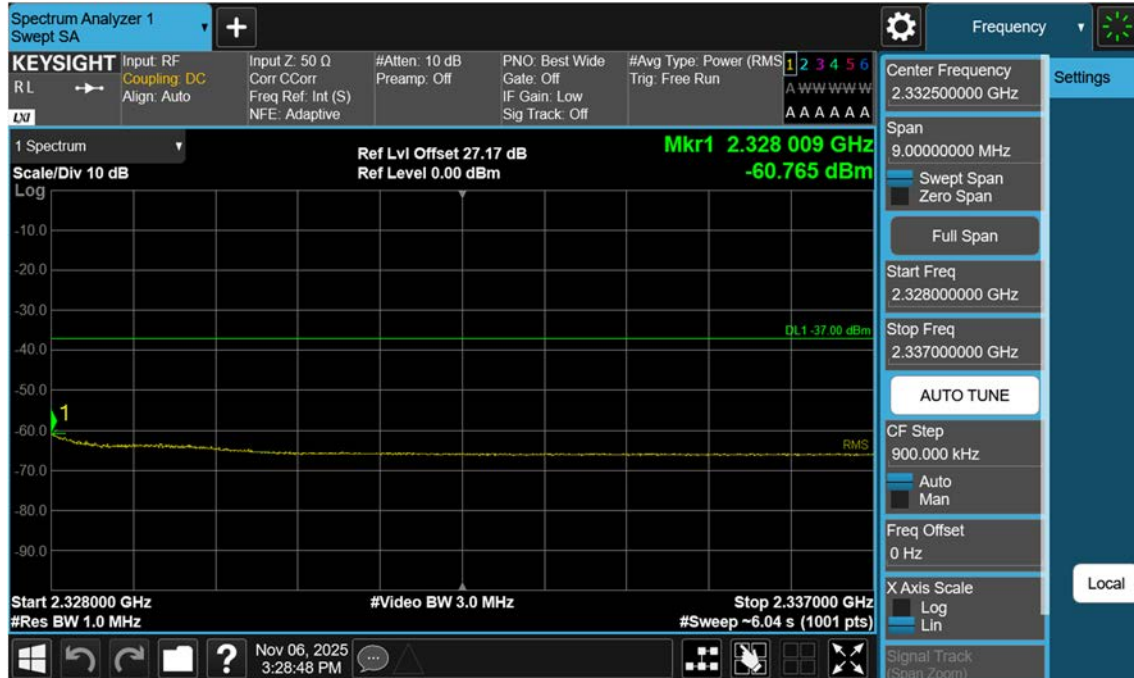
LTE B30_5 M_Band Edge(2320MHz-2324MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2324MHz-2328MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2328MHz-2337MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2337MHz-2341MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2341MHz-2345MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2345MHz-2365MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2365MHz-2400MHz)_Mid_QPSK_1RB



LTE B30_5 M_Band Edge(2280MHz-2288MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2288MHz-2292MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2292MHz-2296MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2296MHz-2300MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2300MHz-2305MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2315MHz-2316MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2316MHz-2320MHz)_High_QPSK_1RB



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

Calculation = Reading Value + $10 \times \log(1 \text{ MHz}/100 \text{ kHz}) \text{ dB}$ = -39.602 dBm + 10 dB = -29.602 dBm

LTE B30_5 M_Band Edge(2320MHz-2324MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2324MHz-2328MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2328MHz-2337MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2337MHz-2341MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2341MHz-2345MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2345MHz-2365MHz)_High_QPSK_1RB



LTE B30_5 M_Band Edge(2365MHz-2400MHz)_High_QPSK_1RB



LTE B30_10 M_Band Edge(2280MHz-2288MHz)_Low_QPSK_1RB



LTE B30_10 M_Band Edge(2288MHz-2292MHz)_Low_QPSK_1RB



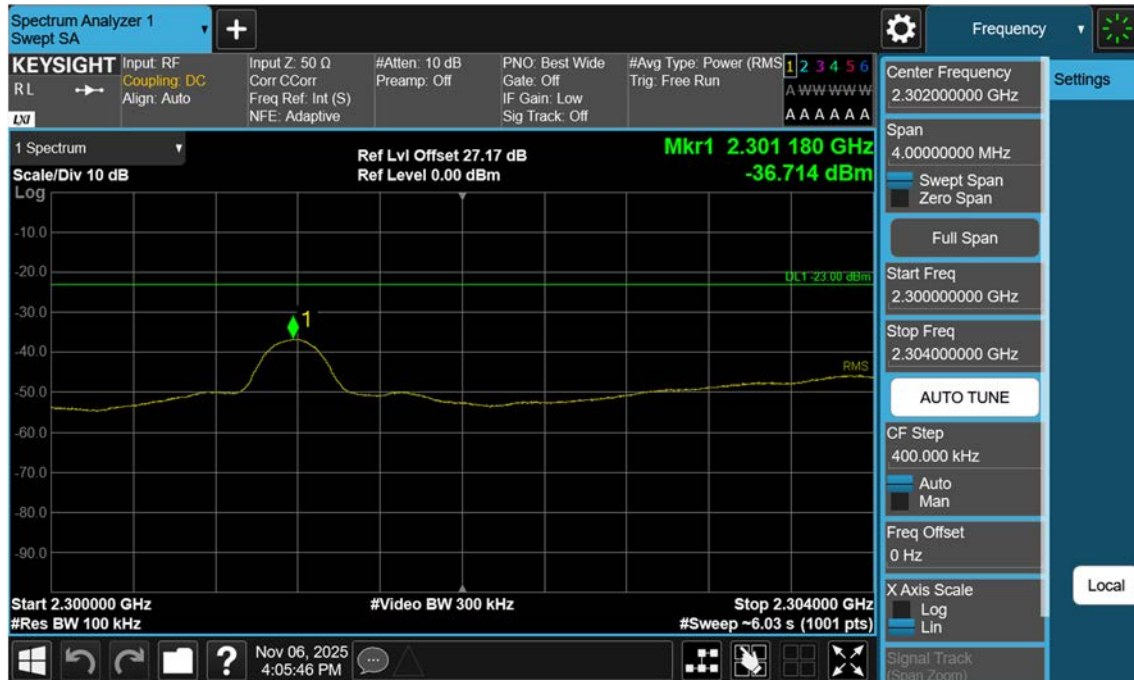
LTE B30_10 M_Band Edge(2292MHz-2296MHz)_Low_QPSK_1RB



LTE B30_10 M_Band Edge(2296MHz-2300MHz)_Low_QPSK_1RB



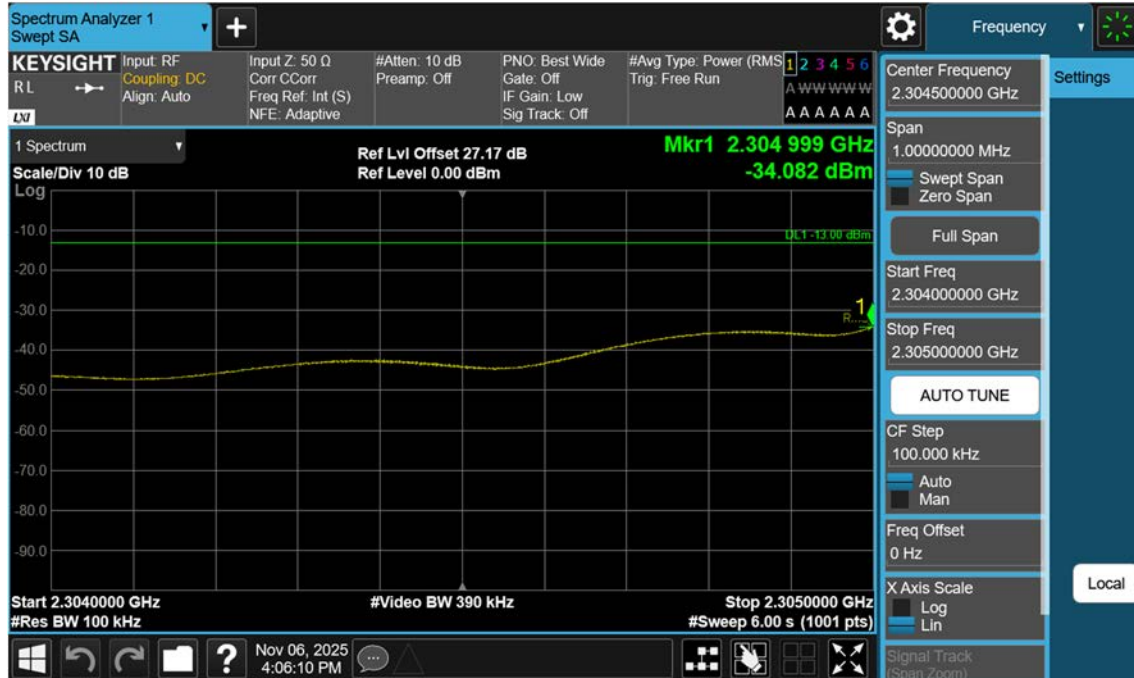
LTE B30_10 M_Band Edge(2300MHz-2304MHz)_Low_QPSK_1RB



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

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -36.714 dBm + 10 dB = -26.714 dBm

LTE B30_10 M_Band Edge(2304MHz-2305MHz)_Low_QPSK_1RB



Spectrum Analyzer 1
Swept SA

KEYSIGHT Input: RF
Coupling: DC
Align: Auto

Input Z: 50 Ω
Corr: C Corr
Freq Ref: Int (S)
NFE: Adaptive

#Atten: 10 dB
Preamp: Off

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

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

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

Center Frequency
2.315500000 GHz

Span
1.000000000 MHz

Swept Span
Zero Span

Full Span

Start Freq
2.315000000 GHz

Stop Freq
2.316000000 GHz

AUTO TUNE

CF Step
100.000 kHz

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 27.17 dB
Ref Level 0.00 dBm

Mkr1 2.315 001 GHz
-33.680 dBm

1

RMS

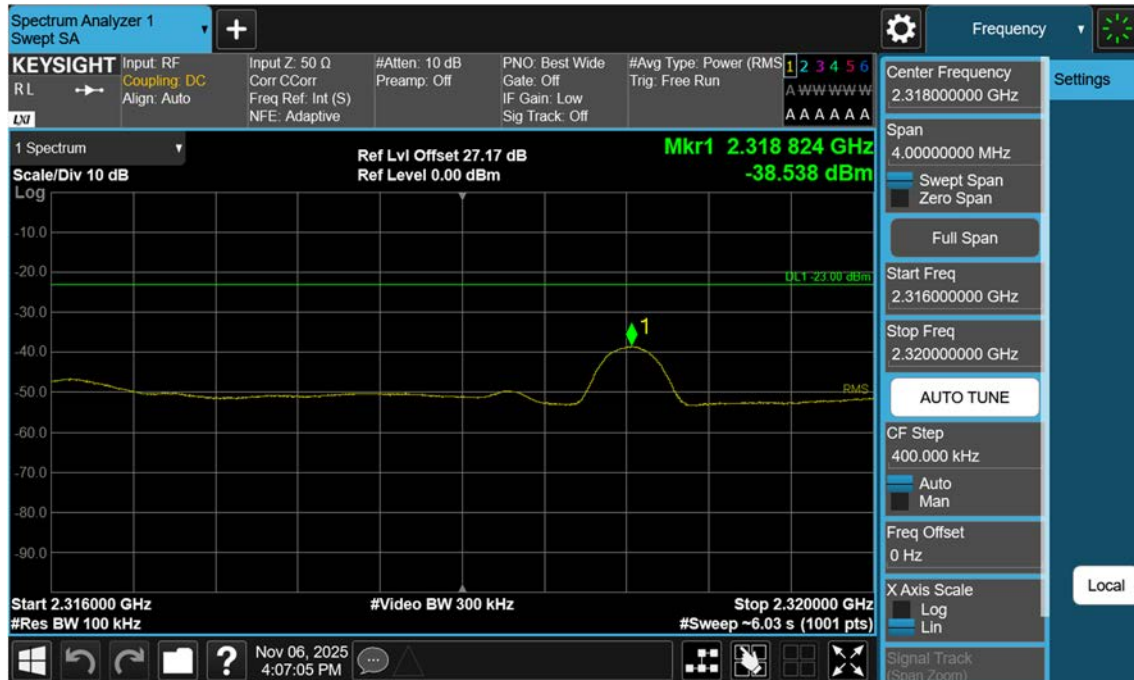
Start 2.3150000 GHz
#Res BW 100 kHz

#Video BW 390 kHz

Stop 2.3160000 GHz
#Sweep 6.00 s (1001 pts)

Nov 06, 2025
4:06:39 PM

LTE B30_10 M_Band Edge(2316MHz-2320MHz)_Low_QPSK_1RB



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

Calculation = Reading Value + 10 x log(1 MHz/100 kHz) dB = -38.538 dBm + 10 dB = -28.538 dBm

LTE B30_10 M_Band Edge(2320MHz-2324MHz)_Low_QPSK_1RB



LTE B30_10 M_Band Edge(2324MHz-2328MHz)_Low_QPSK_1RB



LTE B30_10 M_Band Edge(2328MHz-2337MHz)_Low_QPSK_1RB



LTE B30_10 M_Band Edge(2337MHz-2341MHz)_Low_QPSK_1RB



LTE B30_10 M_Band Edge(2341MHz-2345MHz)_Low_QPSK_1RB



LTE B30_10 M_Band Edge(2345MHz-2365MHz)_Low_QPSK_1RB



LTE B30_10 M_Band Edge(2365MHz-2400MHz)_Low_QPSK_1RB



12. ANNEX A_ TEST SETUP PHOTO

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

No.	Description
1	HCT-RF-2512-FC017-P