

## Sync MODE OFF

TICS Pro - LMX2594

File USB communications Select Device Options Tools Default configuration Help

LMX2594

User Controls  
Raw Registers  
PLL  
RAMP  
Burst Mode

Fosc 100 MHz

Doubler X1

PreR 1

Multiplier Bypass

R 2

Fpd 50 MHz

Effective Charge Pump Gain 15 mA

Approximate Current (mA) = 382

Approximate VCO Gain (MHz/V) = 73

Fvco 7508 MHz

FCAL\_EN

Toggle FCAL\_EN to lock VCO after changing frequency

Channel Divider 4

2 x 2 x 1 x 1

SEG1\_EN

SYSREF Divider Div4

6

1877 MHz

1/2

Output MUX

Channel Divider 31

RFoutA 1877 MHz

OUTA\_PD

Channel Divider 31

RFoutB 1877 MHz

OUTB\_PD

SYSREF

PFD\_DLY\_SEL 3

SYSREF\_REPEAT

SYSREF\_PULSE

SYSREF Delay Control

63 0 0 0

Toggle SysRefReq Pin

MASH and Phase Synchronization

PFD\_DLY\_SEL 3

MASH\_ORDER 3rd Order Modulator

MASH\_RESET\_N

MASH\_SEED\_EN

MASH\_SEED 0

VCO\_PHASE\_SYNC

Toggle Sync Pin

VCO Assist

QUICK\_RECEN

Estimate Settings

Start Amplitude 300

Start VCO VCO4

Start Capcode 1

FCAL\_LPF\_ADJ Fpd >= 10

FCAL\_HPF\_ADJ 150 <= Fpd <= 200

CAL\_CLK\_DIV Div1, Fosc <= 200

ACAL\_CMP\_DLY 10

Field Name: FCAL\_EN

Register Name: R0

Start Bit: 3

Stop Bit: 3

Length: 1

Description: Writing register R0 with this bit set to a '1' enables and triggers the VCO frequency calibration.

Wrote Register R0x0 as 0x00 251C

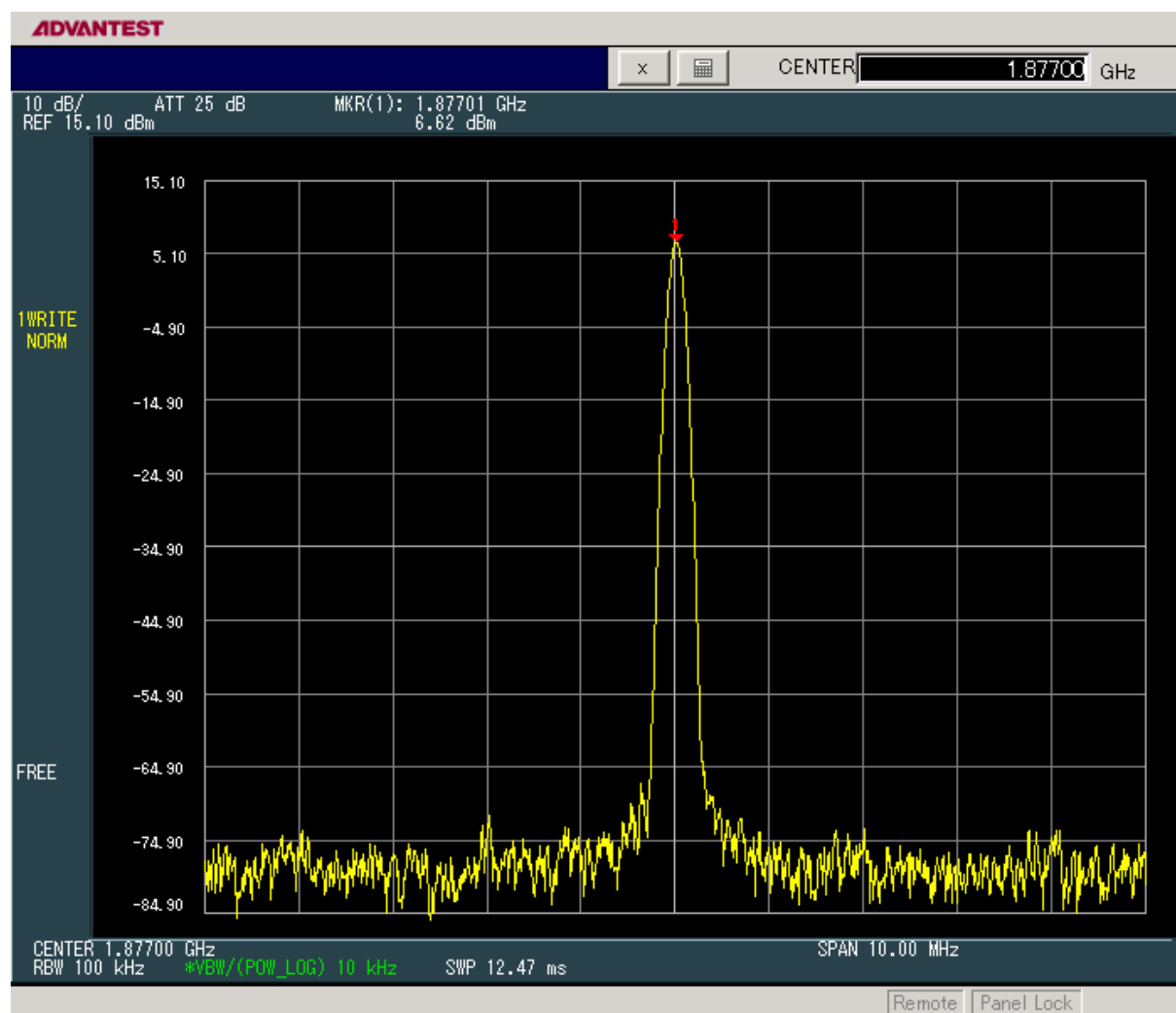
Wrote Register R0x0 as 0x00 2514

Wrote Register R0x0 as 0x00 251C

Protocol: SPI

Connection Mode: USB2AN

TEXAS INSTRUMENTS



Sync MODE ON

