

Model No.:	LPOD/LPCO-292
Serial No.:	192671862
Description:	Comtech 200W C-Band BUC
BUC Available:	Yes
Input Freq	965 to 1265MHz
Output Freq	6.725 to 7.025GHz

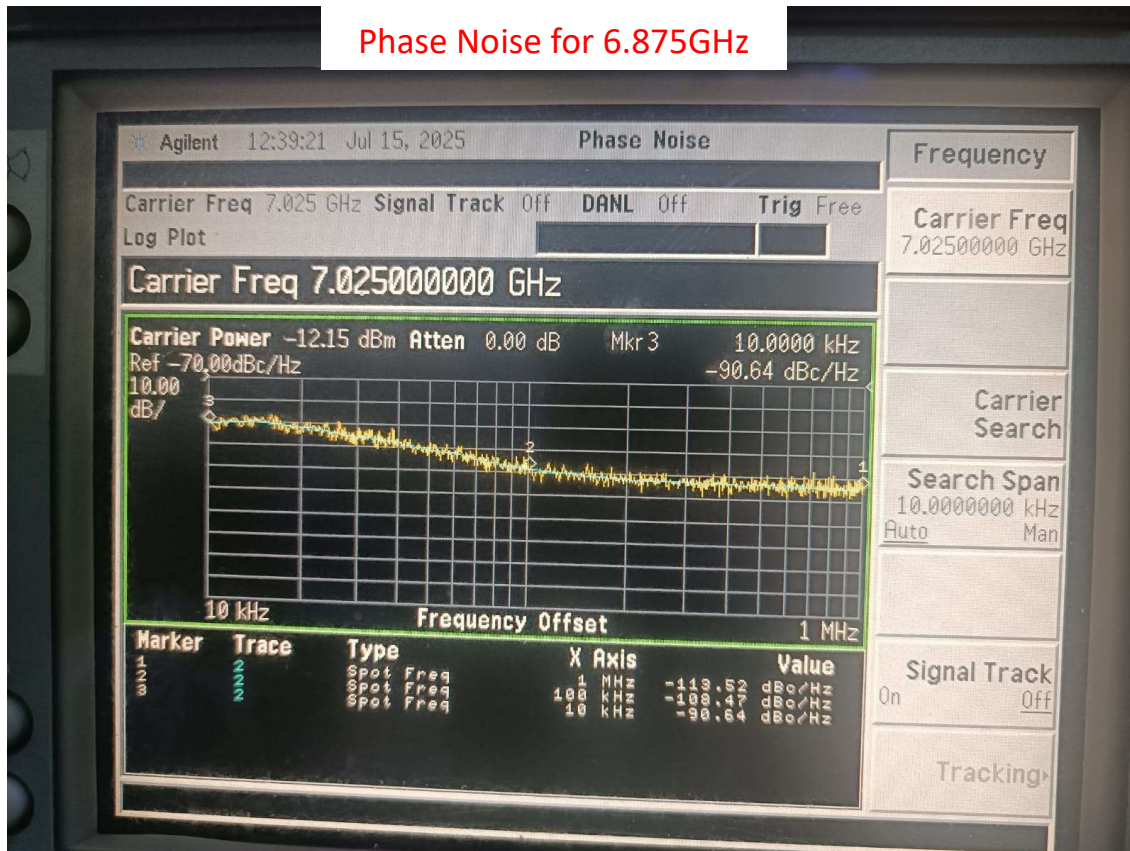
Local Oscill.(LO):	5760MHz
Linearizer:	Not Available
Ref. type(10MHz):	Internal
Attenuation:	25dB
Test Report Date :	15-07-2025

RF Freq. : 6.725 GHz				RF Freq. : 6.875 GHz				RF Freq. : 7.025 GHz			
L-Band Input Level	Attenuation	RF Output in dBm (GUI)	RF Output in dBm (Sample Port)	L-Band Input Level	Attenuation	RF Output in dBm (GUI)	RF Output in dBm (Sample Port)	L-Band Input Level	Attenuation	RF Output in dBm (GUI)	RF Output in dBm (Sample Port)
-33.5	0	36.20	37.06	-33.3	0	37.10	37.02	-34.60	0	37.70	37.05
-30.5	0	40.10	40.01	-30.3	0	40.60	40.03	-31.60	0	40.90	40.06
-27.4	0	42.20	43.11	-27.3	0	43.00	43.06	-28.50	0	43.80	43.04
-23.3	0	46.70	47.08	-23.2	0	47.00	47.04	-24.40	0	47.80	47.08
-20.2	0	49.70	50.09	-20	0	50.00	50.11	-21.40	0	50.90	50.14
-15.4	0	53.00	53.33	-16.7	0	53.00	53.11	-15.00	0	53.00	53.04

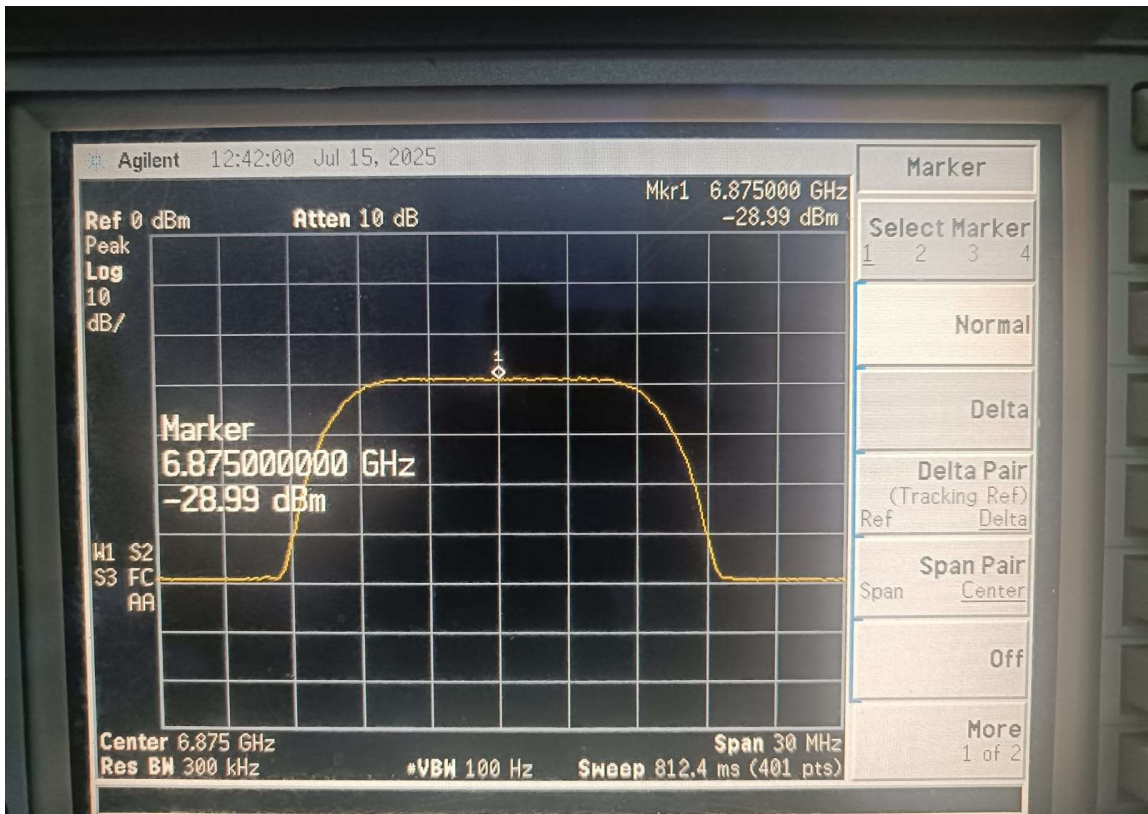
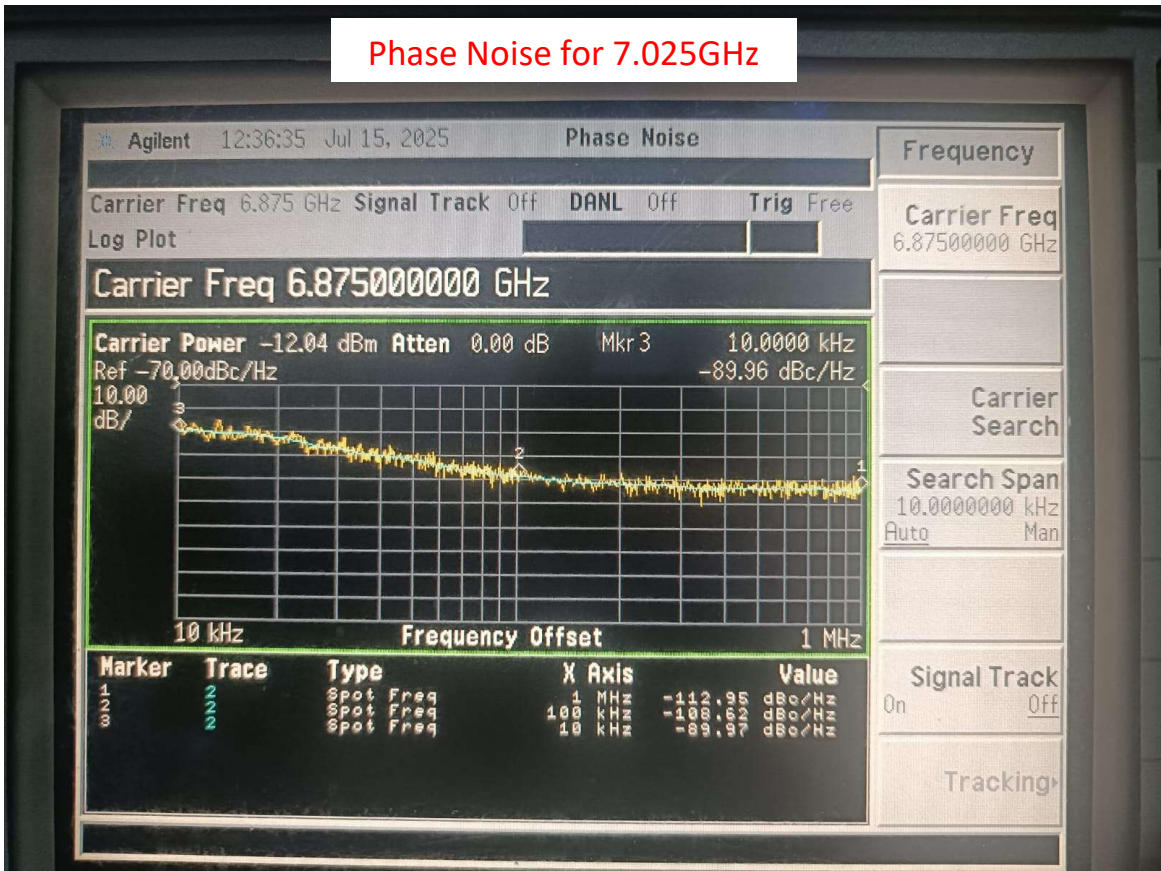
Phase Noise for 6.725GHz



Phase Noise for 6.875GHz



Phase Noise for 7.025GHz



Amplifier

Serial

Remote Address Baud Rate

Amplifier

Amplifier Attenuation (dB) Attenuation Offset Fault Recovery

Mute AUX Mute Offline Mute

Reference

Ref Freq Adjust (0-255) Ext Ref Mute

Low Forward Power Threshold (dBm)

FSK Address

LNB

LNB Config

LNB Current Source Switch Bias Tee

LNB Current Window LNB Current Window (%)

Calibrate LNB Current

LNB Reference Point: 257.6 mA

Redundancy

Enable Redundancy Switch Mode

Online Status: Online

RF Power FET Current Status

Q01=00.055	Q02=00.093	Q03=01.183
Q04=02.068	Q05=04.227	Q06=07.574
Q07=06.942	Q08=09.469	Q09=10.024
Q10=09.853	Q11=09.960	

Maximum Operating Point

PARAMETER	MONITOR	TIMESTAMP	PARAMETER	MONITOR	TIMESTAMP
Max Amplifier Temperature:	+066C	06/16/23 22:59:26	Max Forward Power:	+50.65	03/20/23 17:36:32
Min Amplifier Temperature:	+023C	03/01/20 20:00:57	Min Forward Power:	+00.00	02/28/20 03:50:02
Max Outside Temperature:	+046C	06/16/23 23:05:00			
Min Outside Temperature:	+022C	03/01/20 20:00:57			

Summary

Summary:	
Circuit Identification: -----CID MESSAGE-----	Summary Fault: OK
Serial Number: 192671862	RF Amp: ON
Model Number: PS2250-6770-C REF BUC	RF Mute: Disabled
FW Revision: Boot:1.1.1 Bulk1:1.5.7 Bulk2:1.5.7	Forward Power: <23.0 dBm
Active Software Image: Bulk 1	Reverse Power: N/A
Next Reboot Image: Image1	Online Status: Online
Hardware Revision: N/A	Heat Sink Temperature: 046.0 deg C
Redundancy: Off	External Air Temperature: 027.0 deg C
Bias Tee Switch: Off State	Ref Tuning Voltage: 001.7 Volts
Number Unread Events: 299	BUC Tuning Voltage: N/A
Number Unread Statistics: 512	Date (mm/dd/yy): 07/14/25
	Time (hh:mm:ss): 21:53:40

Terminal Status Change

 Terminal Status Change: **NO**