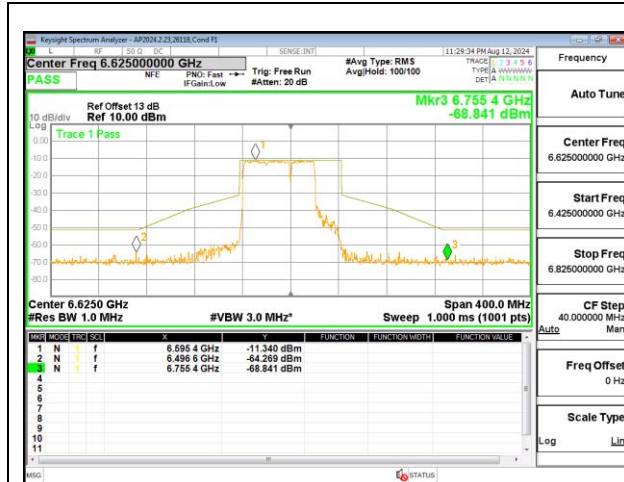
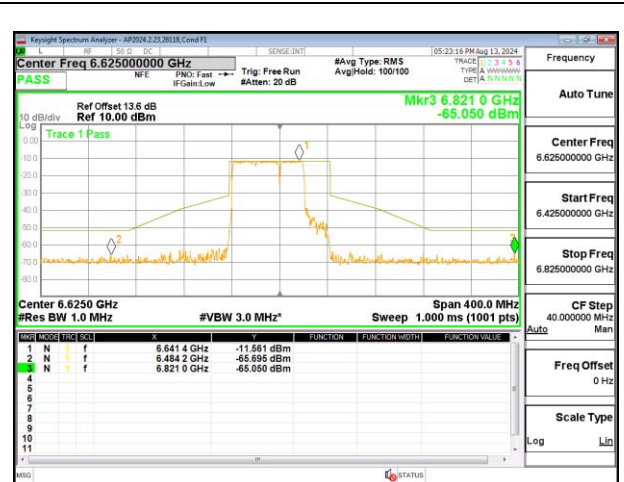
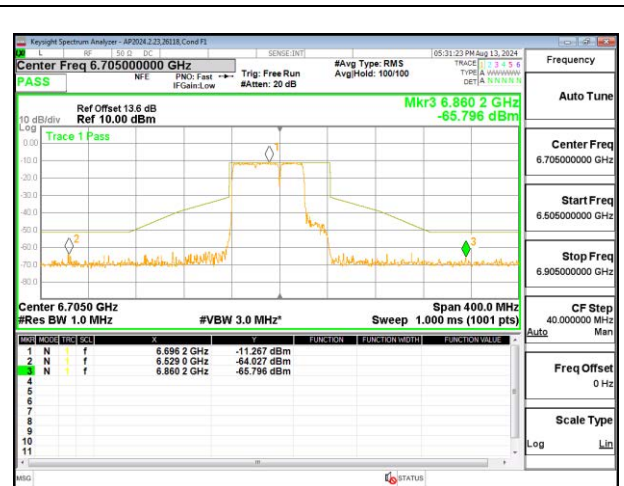
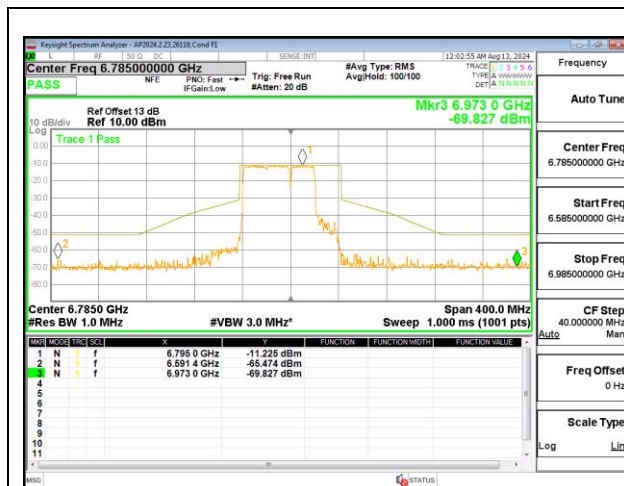
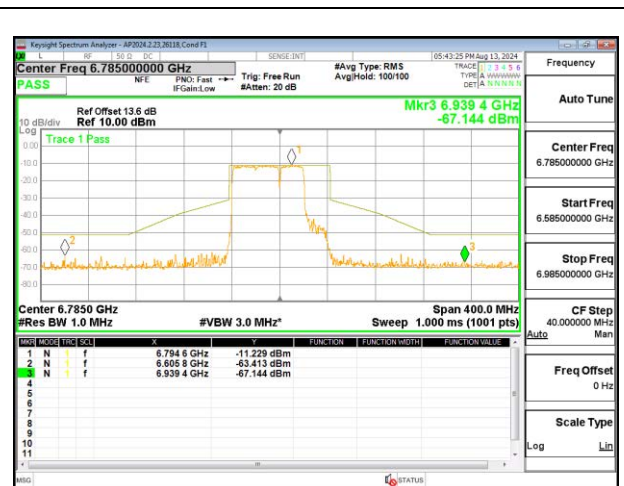
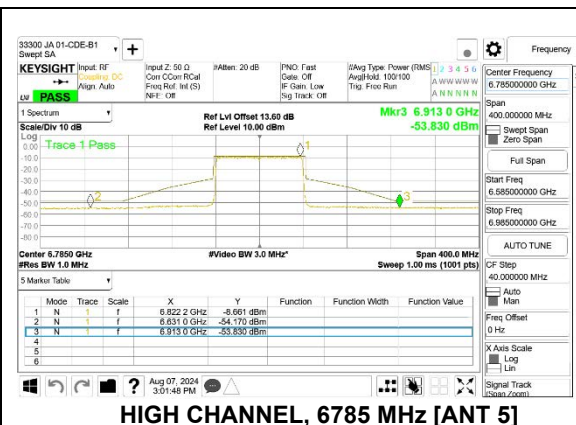
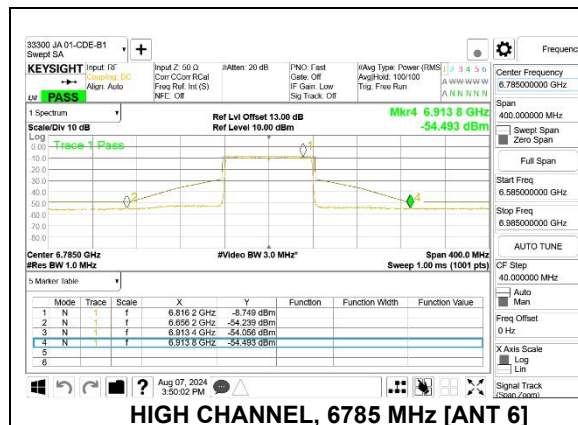
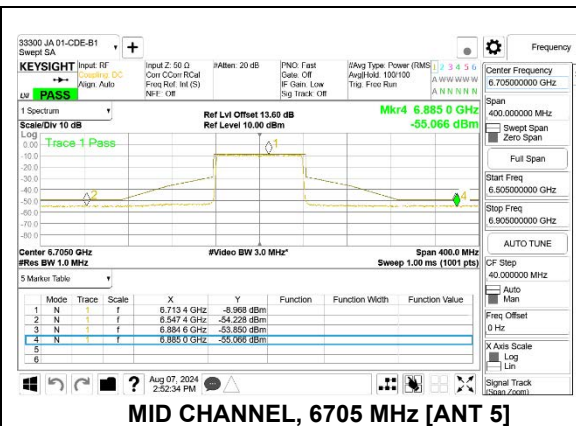
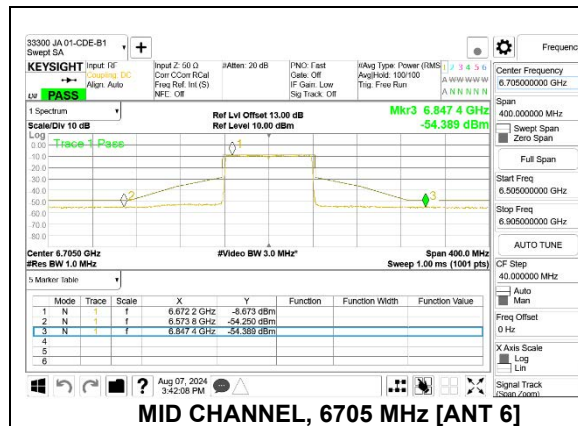
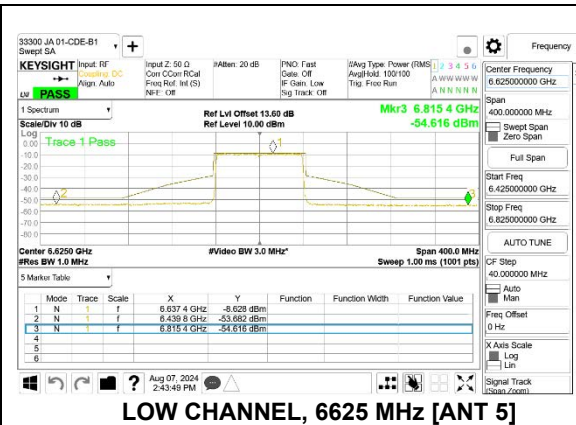
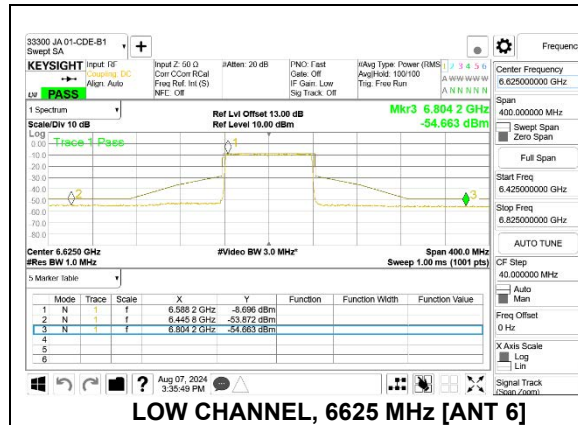
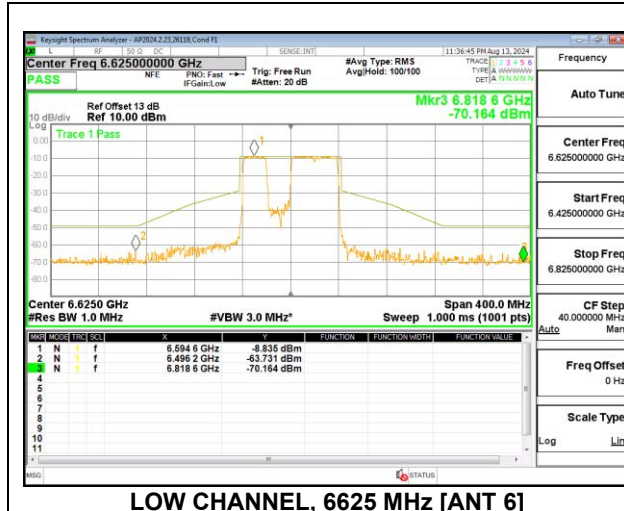
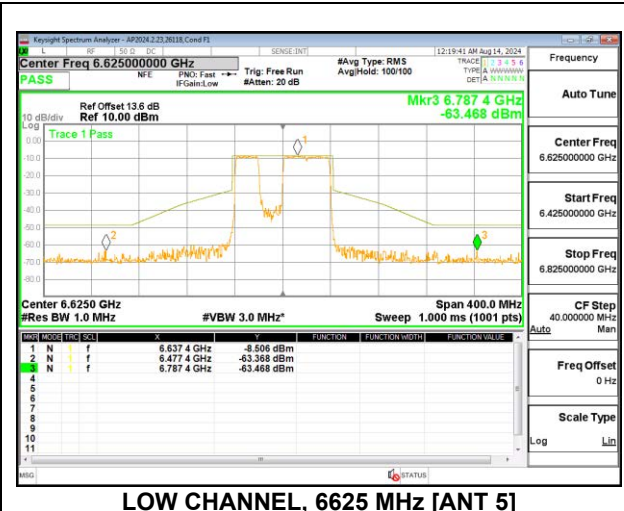
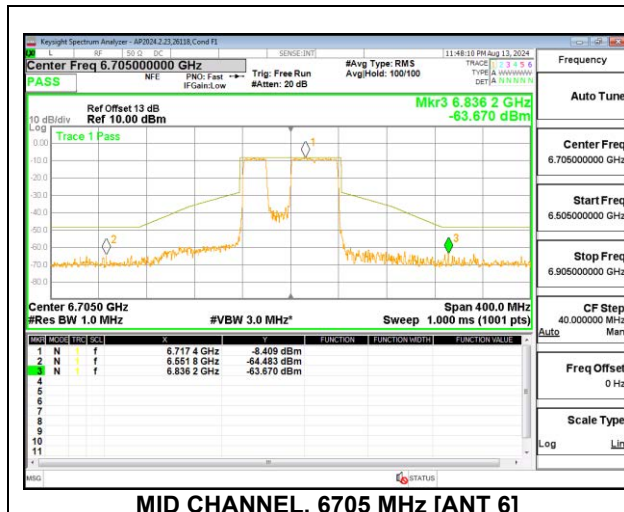
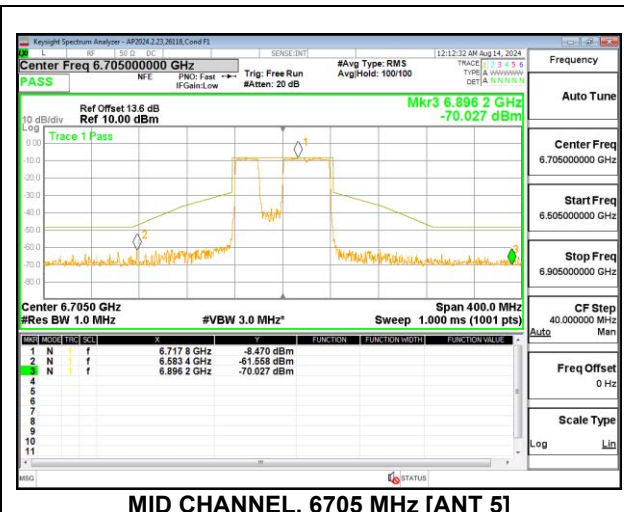
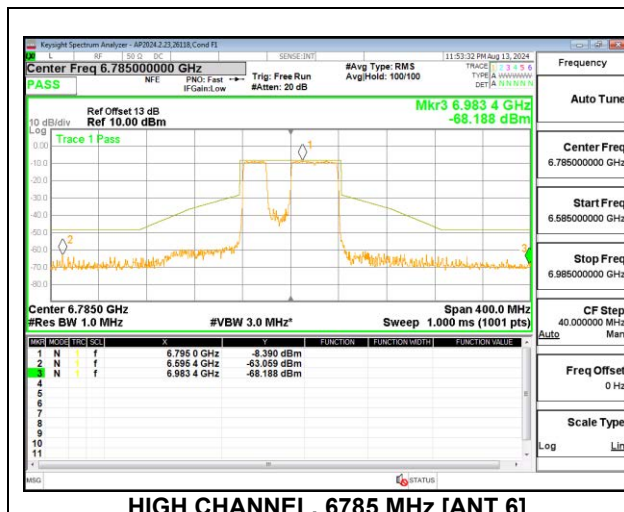
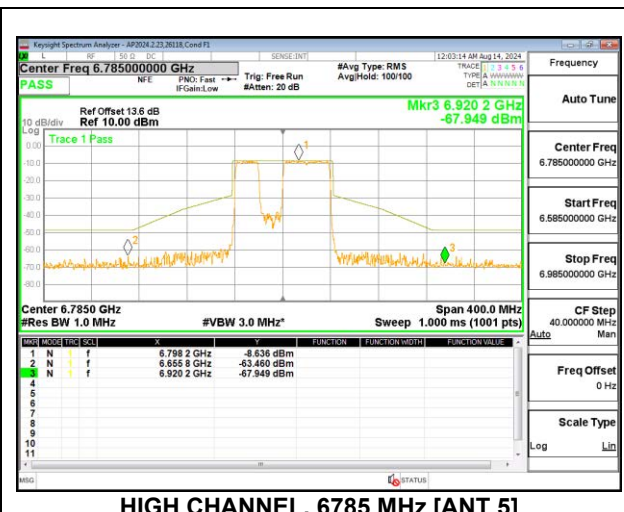


**2TX Antenna 6 + Antenna 5 CDD MODE – MRU 484+242, Index 93****LOW CHANNEL, 6625 MHz [ANT 6]****LOW CHANNEL, 6625 MHz [ANT 5]****MID CHANNEL, 6705 MHz [ANT 6]****MID CHANNEL, 6705 MHz [ANT 5]****HIGH CHANNEL, 6785 MHz [ANT 6]****HIGH CHANNEL, 6785 MHz [ANT 5]**

**2TX Antenna 6 + Antenna 5 SDM MODE – SU**

**2TX Antenna 6 + Antenna 5 SDM MODE – MRU 484+242, Index 91****LOW CHANNEL, 6625 MHz [ANT 6]****LOW CHANNEL, 6625 MHz [ANT 5]****MID CHANNEL, 6705 MHz [ANT 6]****MID CHANNEL, 6705 MHz [ANT 5]****HIGH CHANNEL, 6785 MHz [ANT 6]****HIGH CHANNEL, 6785 MHz [ANT 5]**

Keyight Spectrum Analyzer - AF0204.2.20.2018.0, Const F1

Center Freq **6.62500000 GHz** SENSE [INT] 11:44:01 PM Aug 13, 2024

**PASS** RF PW: Fast Trig: Free Run #Avg Type: RM5 Trace [0] 1 2 3  
IF Gain: Low #Atten: 20 dB Avg Hold: 100/100 TYPEA INVERTING DET [A] INVERTING

Ref Offset 13 dB  
 Ref 10.00 dBm

**Mkr3 6.773 8 GHz**  
**-63.183 dBm**

Trace 1 Pass

10 dB/div  
 0.00  
 20.0  
 40.0  
 60.0  
 80.0

Center 6.6250 GHz  
 #Res BW 1.0 MHz  
 #VBW 3.0 MHz\*  
 Span 400.0 MHz  
 Sweep 1.000 ms (1001 pts)

MSG	FREQ [GHz]	1	2	FUNCTION	FUNCTION (MSG)	FUNCTION (UNIT)
1	N	6.613 4 GHz	-8.683 dBm			
2	N	6.462 6 GHz	-64.195 dBm			
3	N	6.773 8 GHz	-63.183 dBm			
4						
5						
6						
7						
8						
9						
10						
11						

MSG

STATUS

[illegible]

Keyight Spectrum Analyzer - 007004.2.20.2018 (Cont 1)

Center Freq 6.705000000 GHz  
 PASS #Res BW 1.0 MHz #VBW 3.0 MHz<sup>a</sup> Span 400.0 MHz  
 Sweep 1.000 ms (1001 pts)

Ref Offset 13 dB  
 Ref 10.0 dBm

Trig: Free Run  
 #Att: 20 dB

11:44:50 PM Aug 11, 2024  
 TRACE 1  
 TYPE [A] WARMUP  
 DET [A] WARMUP

Frequency  
 Auto Tune

Center Freq  
 6.705000000 GHz

Start Freq  
 6.505000000 GHz

Stop Freq  
 6.905000000 GHz

CF Stop  
 40.000000 MHz

Auto

Freq Offset  
 0 Hz

Scale Type  
 Log

MSG

STATUS

Line	Marker	Freq [GHz]	Power [dBm]
1	N	6.695 GHz	-8.695 dBm
2	N	6.547 GHz	-83.282 dBm
3	N	6.8314 GHz	-83.122 dBm

Keysight Spectrum Analyzer - APP020A.2.27.2018.Cent F1

RF L RF F S F D G S S SENSE (INT)

Center Freq 6.705000000 GHz

PASS

Trig: Free Run

#Avg Type: RMS

12:14:18 AM Aug 14, 2024

AVGhold: 100/100

TRACE 1 1 3 3 3 3  
TYPE [A] WATERFALL  
DATA [B] [N] [N] [N] [N]

Ref Offset 13.6 dB

Ref 10.00 dBm

Mkr3 6.871 4 GHz

-63.643 dBm

Trace 1 Pass

10 dB/div

0 dBm

20

30

40

50

60

70

80

Center 6.7050 GHz

#Res BW 1.0 MHz

#VBW 3.0 MHz\*

Span 400.0 MHz

Sweep 1,000 pts (1001 pts)

CF Step 40.000000 MHz

Auto

Man

Freq Offset 0 Hz

Scale Type

Log

Lin

Mag	Label	Freq	Power	Function	Function (dBm)	Function (dBc)
1	N	6.695 0 GHz	-5.734 dBm			
2	N	6.666 2 GHz	-63.384 dBm			
3	N	6.871 4 GHz	-63.643 dBm			

MSG

STATUS

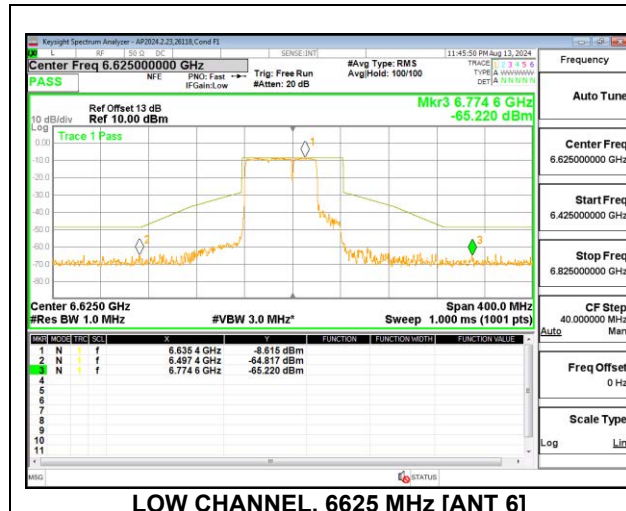
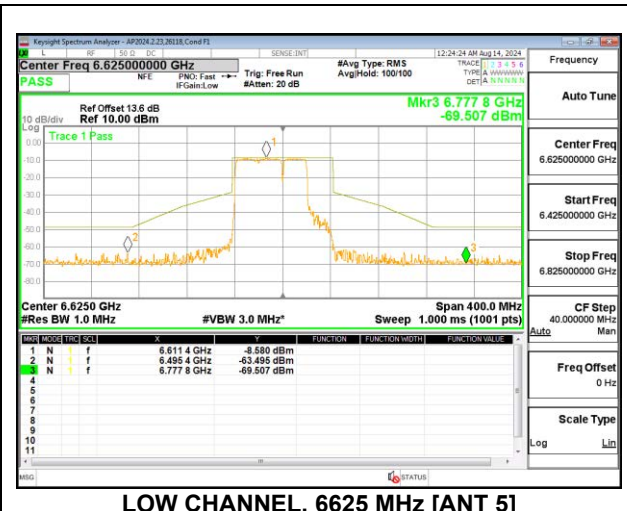
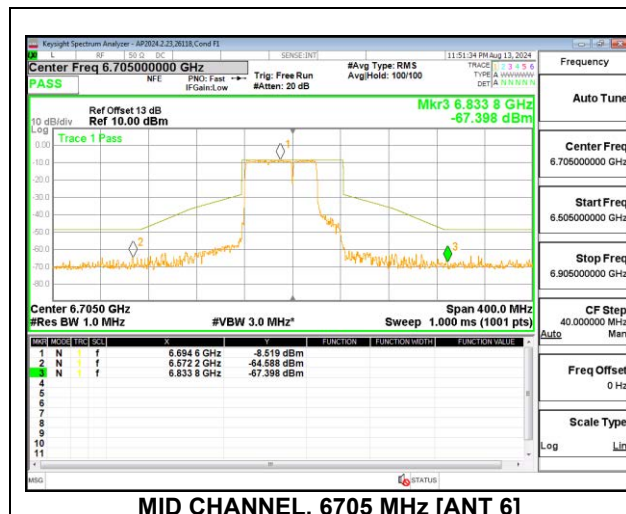
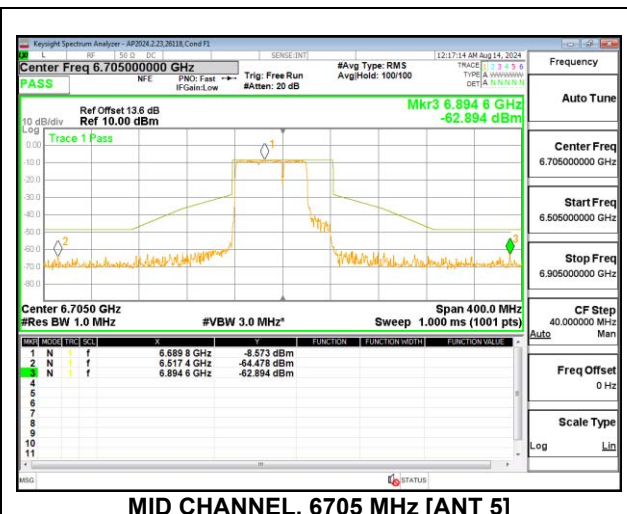
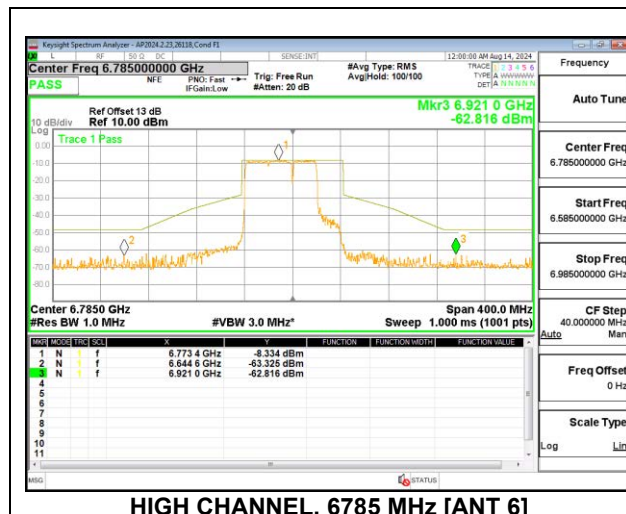
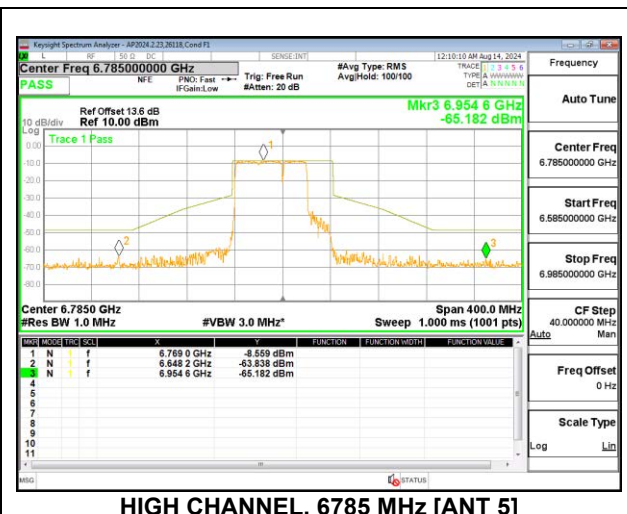
The screenshot displays a Keysight Spectrum Analyzer interface. At the top, the header shows 'KeySight Spectrum Analyzer - APP024.2.0.2019.0.Cand F1' and 'SENSE [INT]'. The main display area is divided into several sections:

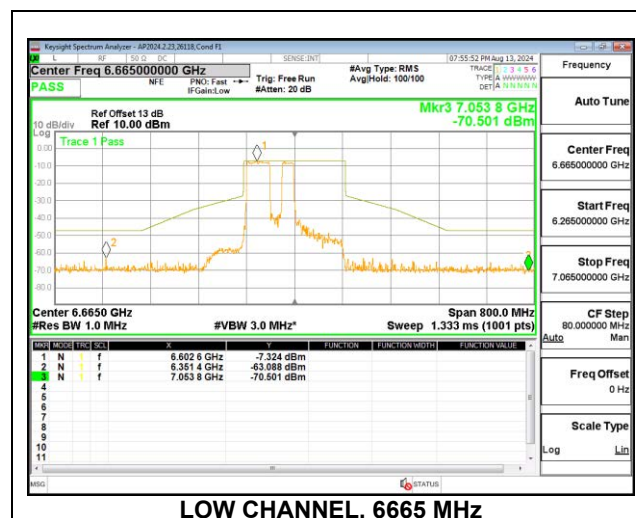
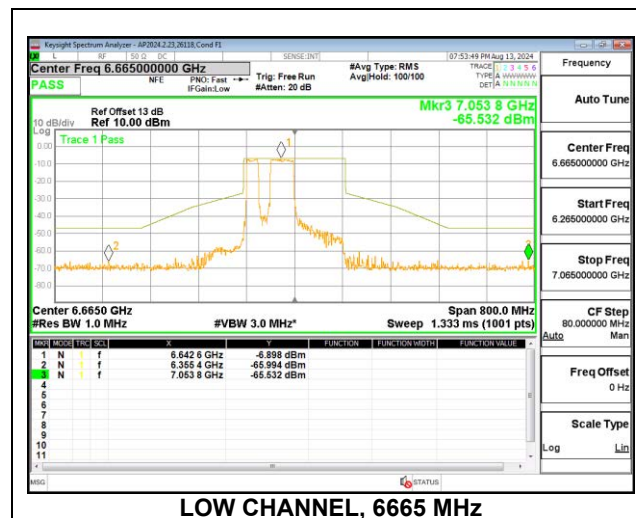
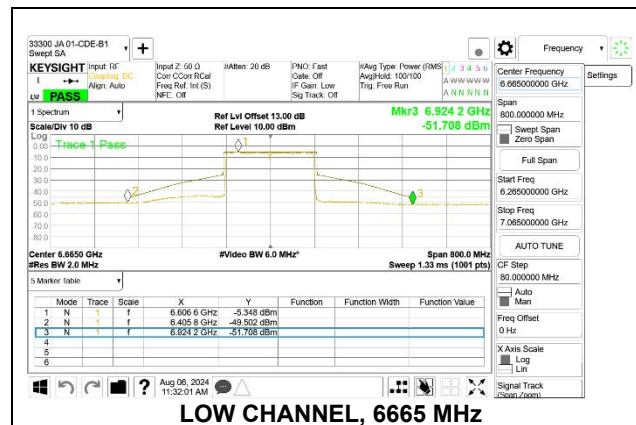
- Top Left:** 'Center Freq 6.785000000 GHz' and 'PASS'.
- Top Center:** 'Ref Offset 13 dB', 'Ref 10.00 dBm', 'FREQ: Fast', 'Trig: Free Run', and '#Atten: 20 dB'.
- Top Right:** 'Avg Type: RM5', 'AvgHops: 100/100', and a timestamp '11:55:53 PM Aug 13, 2024'.
- Right Panel:** 'Frequency' and 'Auto Tune' buttons.
- Main Display:** A plot showing a signal trace (orange line) with a green line indicating the noise floor. The y-axis is labeled '10 dB/div' and 'L-g'. The x-axis is labeled 'MHz'. A green label 'Mkr3 6.967 4 GHz -64.376 dBm' is present.
- Bottom Left:** 'Center 6.7850 GHz', '#Res BW 1.0 MHz', and '#VBW 3.0 MHz'.
- Bottom Center:** 'Span 400.0 MHz' and 'Sweep 1.000 ms (1001 pts)'.
- Bottom Table:** A table with columns 'Line', 'Marker', 'F (Hz)', 'F (GHz)', 'FUNCTION', 'FUNCTION (HOLD)', and 'FUNCTION (VALUE)'. It lists three markers: 1 (N, f, 6.773 GHz, -8.744 dBm), 2 (N, f, 6.818 GHz, -82.442 dBm), and 3 (N, f, 6.967 GHz, -64.376 dBm).
- Right Panel (continued):** 'Center Freq 6.785000000 GHz', 'Start Freq 6.585000000 GHz', 'Stop Freq 6.985000000 GHz', 'CF Step 40.000000 MHz', and 'Auto' button.
- Bottom Right:** 'Freq Offset 0 Hz' and 'Scale Type'.
- Bottom Left:** 'MSG' and 'STATUS' buttons.

The screenshot displays a Keysight Spectrum Analyzer interface. The main display shows a signal trace with a peak at 6.9834 GHz. The table below the trace lists the measured components.

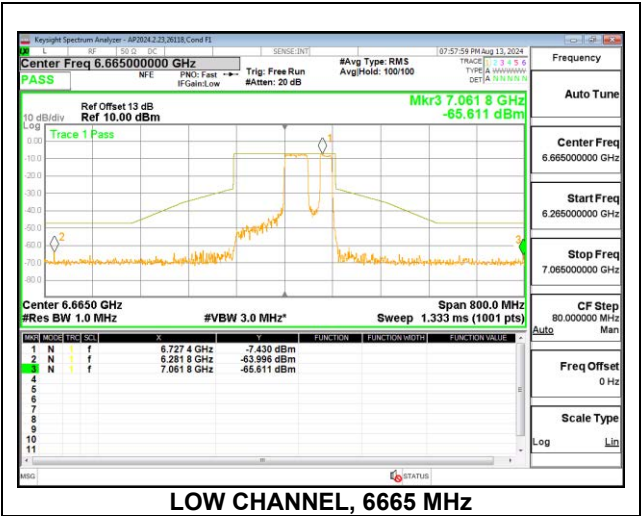
Mag	Freq	Loss	Ext	dBm	Function	Function (dBm)	Function (dBm)
1	N						
2	N	f		8.756 6 GHz	-8.673 dBm		
3	N	f		6.804 6 GHz	-53.301 dBm		
4	N	f		6.983 4 GHz	-68.648 dBm		

HIGH CHANNEL, 6785 MHz [ANT 5]

**2TX Antenna 6 + Antenna 5 SDM MODE – MRU 484+242, Index 93****LOW CHANNEL, 6625 MHz [ANT 6]****LOW CHANNEL, 6625 MHz [ANT 5]****MID CHANNEL, 6705 MHz [ANT 6]****MID CHANNEL, 6705 MHz [ANT 5]****HIGH CHANNEL, 6785 MHz [ANT 6]****HIGH CHANNEL, 6785 MHz [ANT 5]**

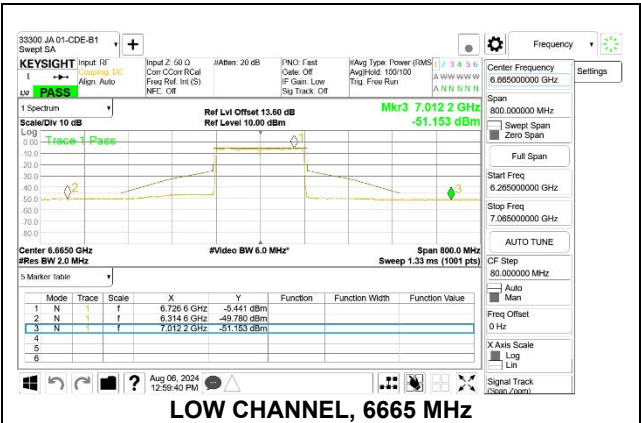


1TX Antenna 6 MODE – MRU 484+242, Index S92



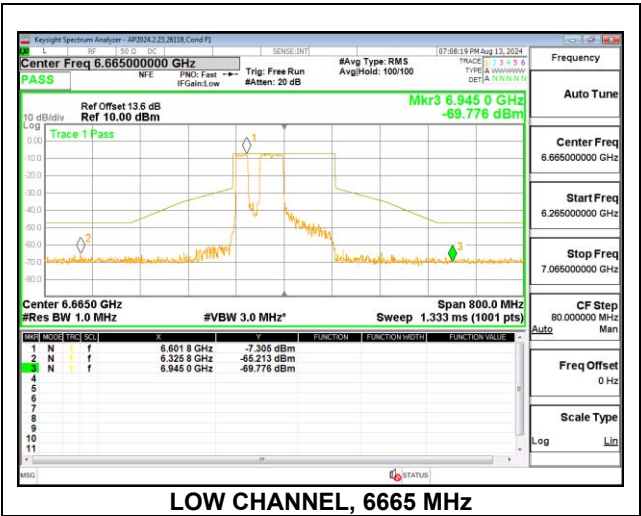
LOW CHANNEL, 6665 MHz

1TX Antenna 5 MODE – SU



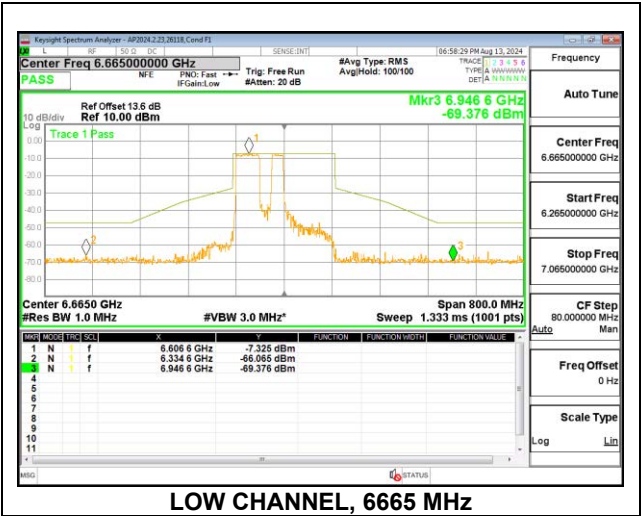
LOW CHANNEL, 6665 MHz

1TX Antenna 5 MODE – MRU 484+242, Index 91



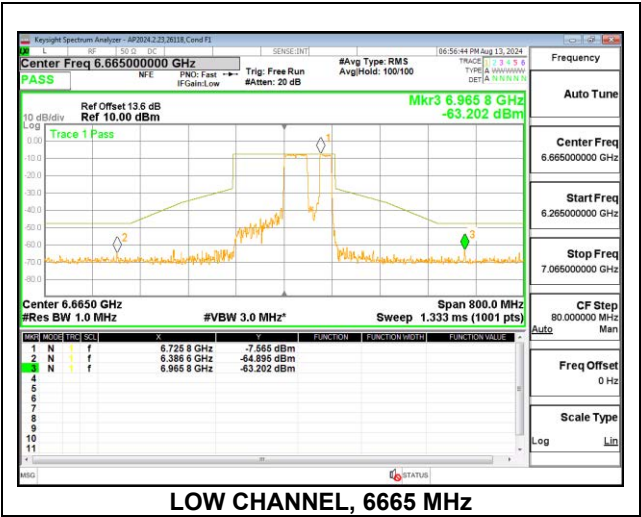
LOW CHANNEL, 6665 MHz

1TX Antenna 5 MODE – MRU 484+242, Index 92

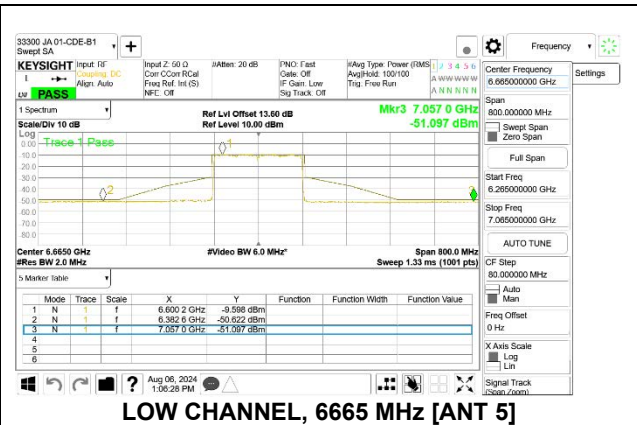
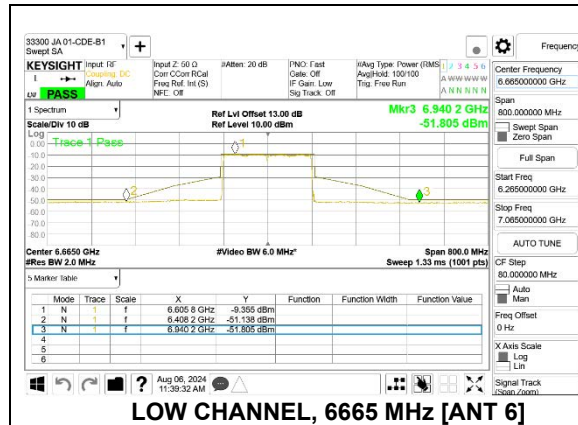
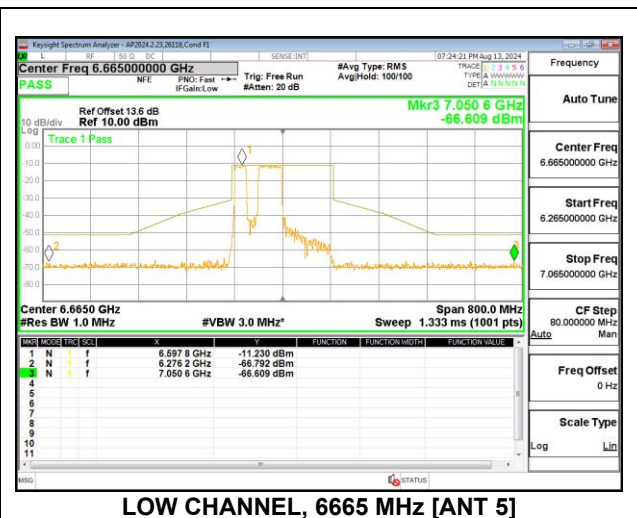
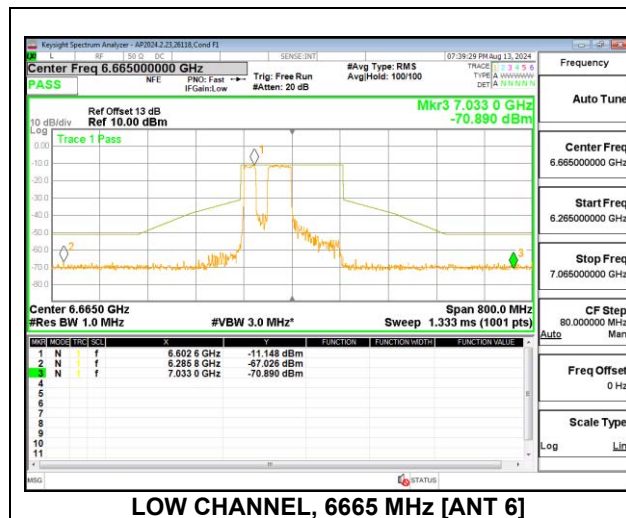
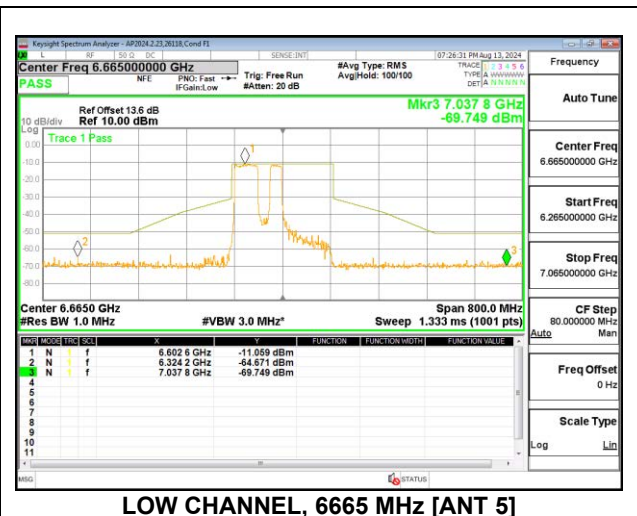
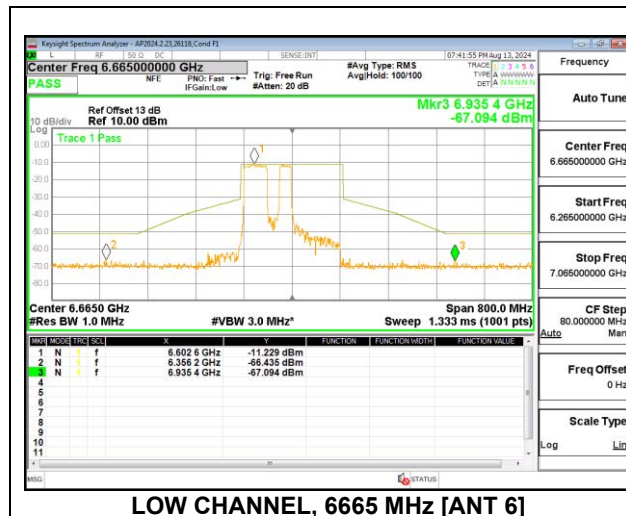


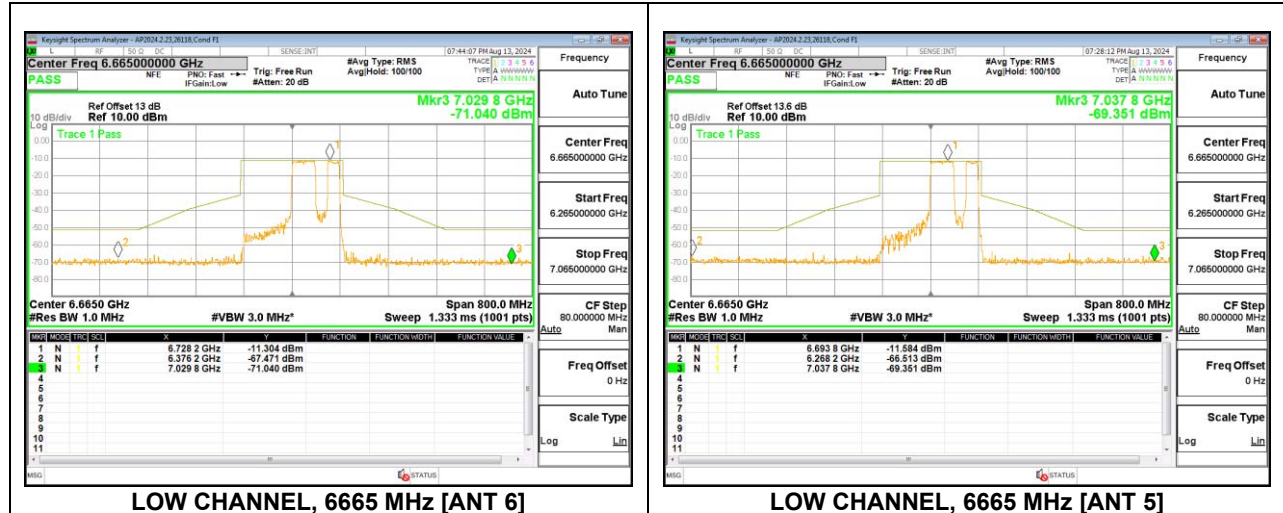
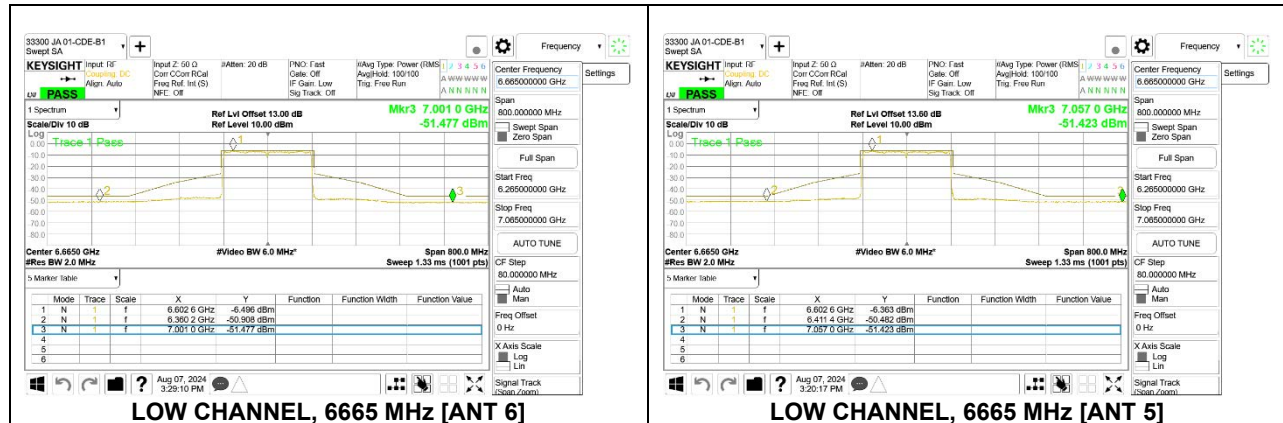
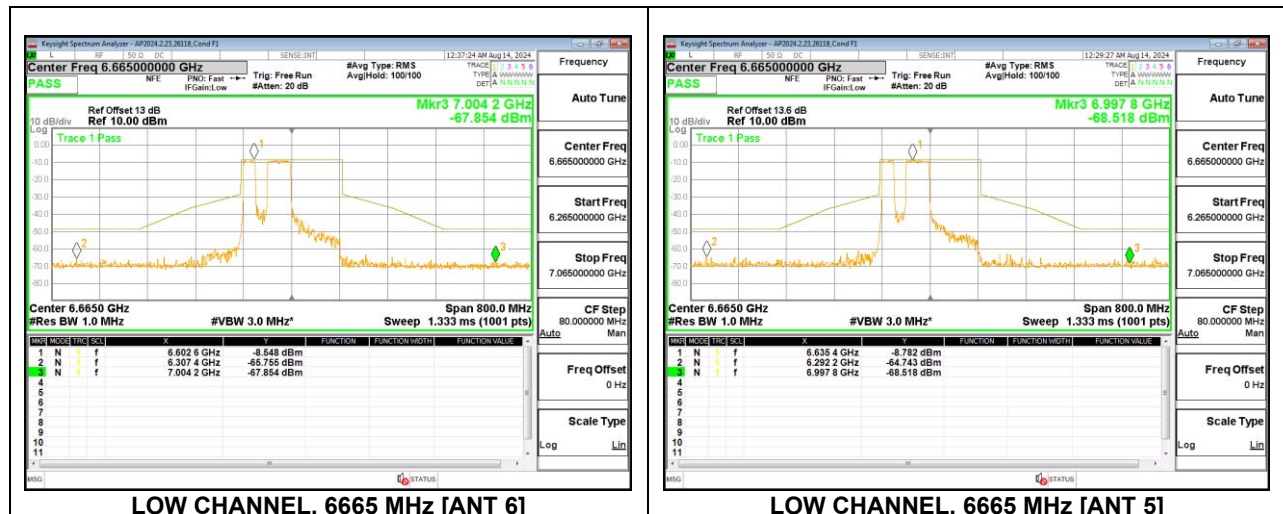
LOW CHANNEL, 6665 MHz

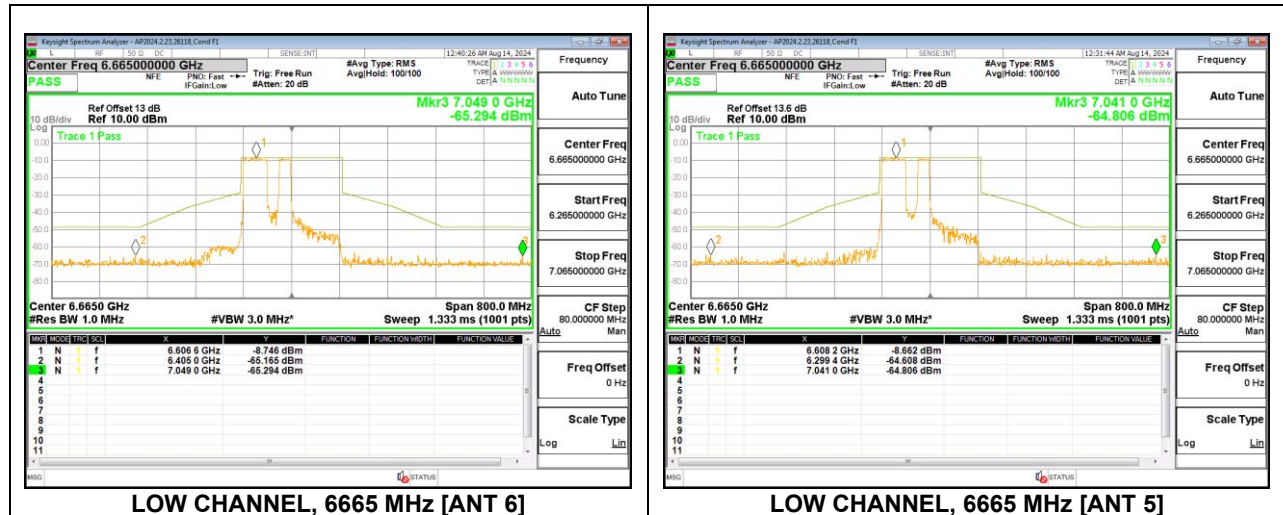
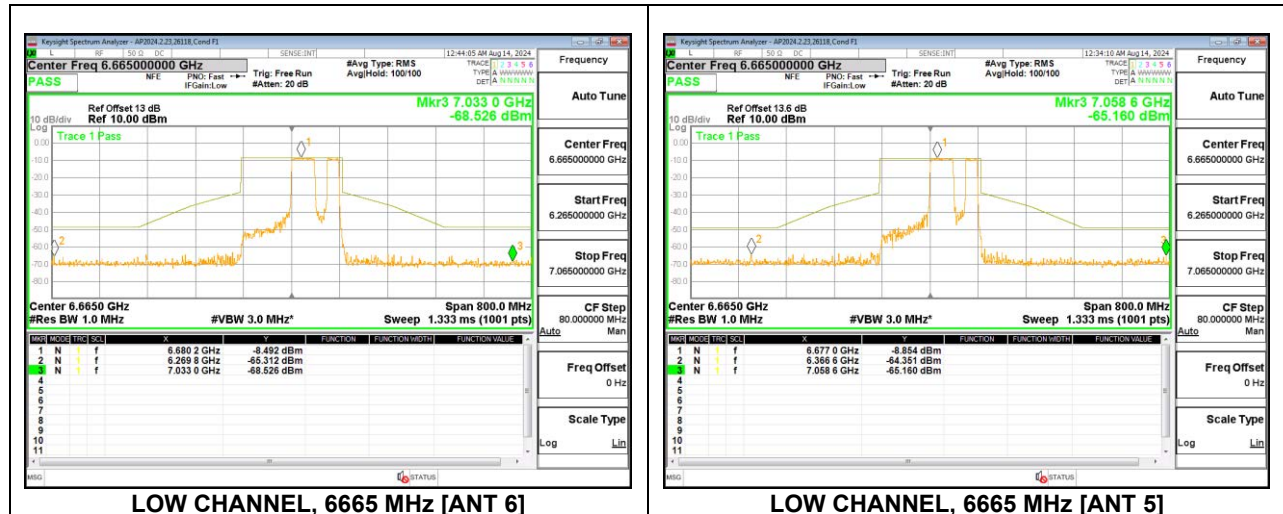
1TX Antenna 5 MODE – MRU 484+242, Index S92



LOW CHANNEL, 6665 MHz

**2TX Antenna 6 + Antenna 5 CDD MODE – SU****1TX Antenna 6 MODE – 2TX Antenna 6 + Antenna 5 CDD MODE – MRU 484+242, Index 91****1TX Antenna 6 MODE – 2TX Antenna 6 + Antenna 5 CDD MODE – MRU 484+242, Index 92**

**1TX Antenna 6 MODE – 2TX Antenna 6 + Antenna 5 CDD MODE – MRU 484+242, Index S92****2TX Antenna 6 + Antenna 5 SDM MODE – SU****2TX Antenna 6 + Antenna 5 SDM MODE – MRU 484+242, Index 91**

**2TX Antenna 6 + Antenna 5 SDM MODE – MRU 484+242, Index 92****2TX Antenna 6 + Antenna 5 SDM MODE – MRU 484+242, Index S92**

## 10. SETUP PHOTOS

Refer to 14982489-EP1V1 for setup photos.

## END OF TEST REPORT