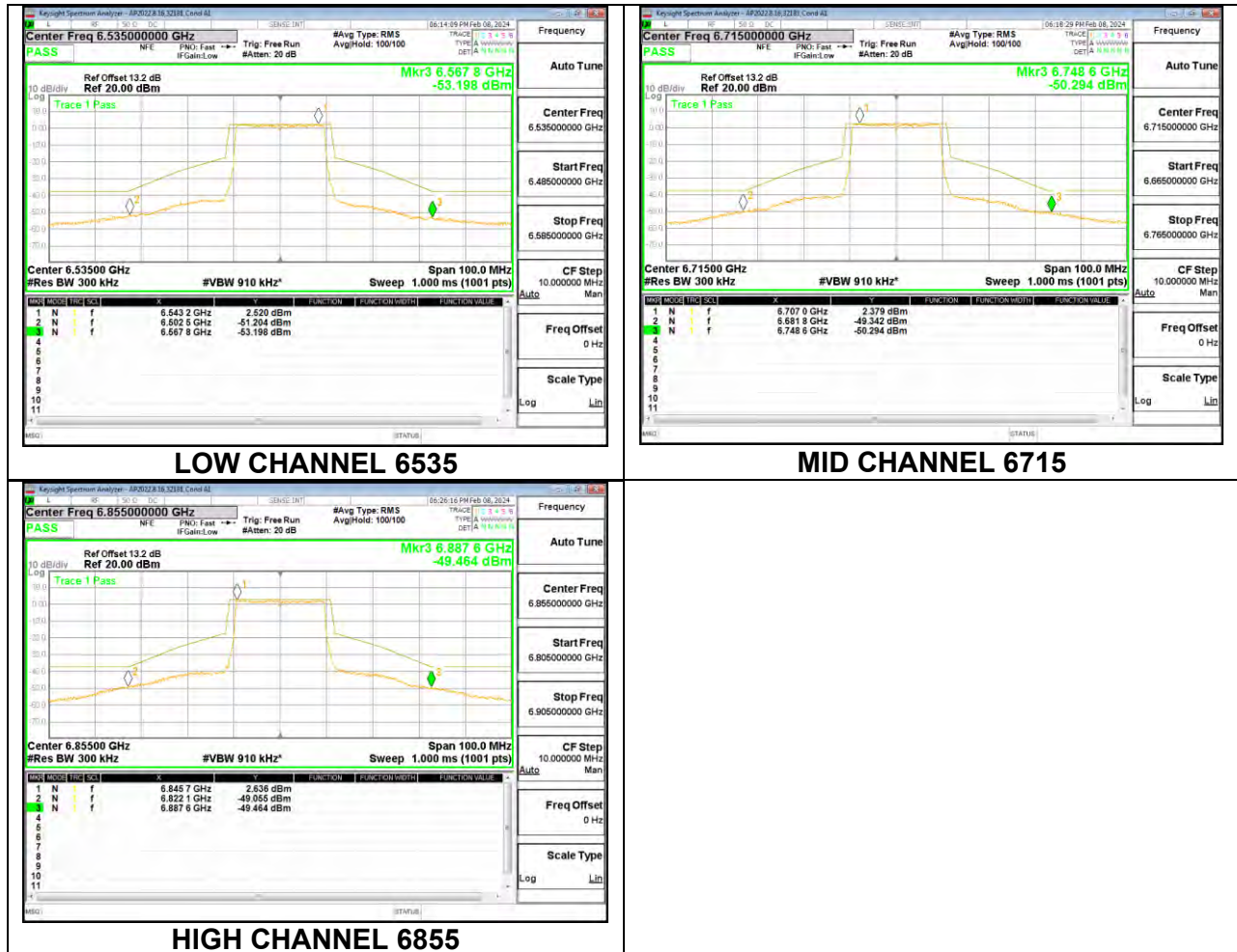
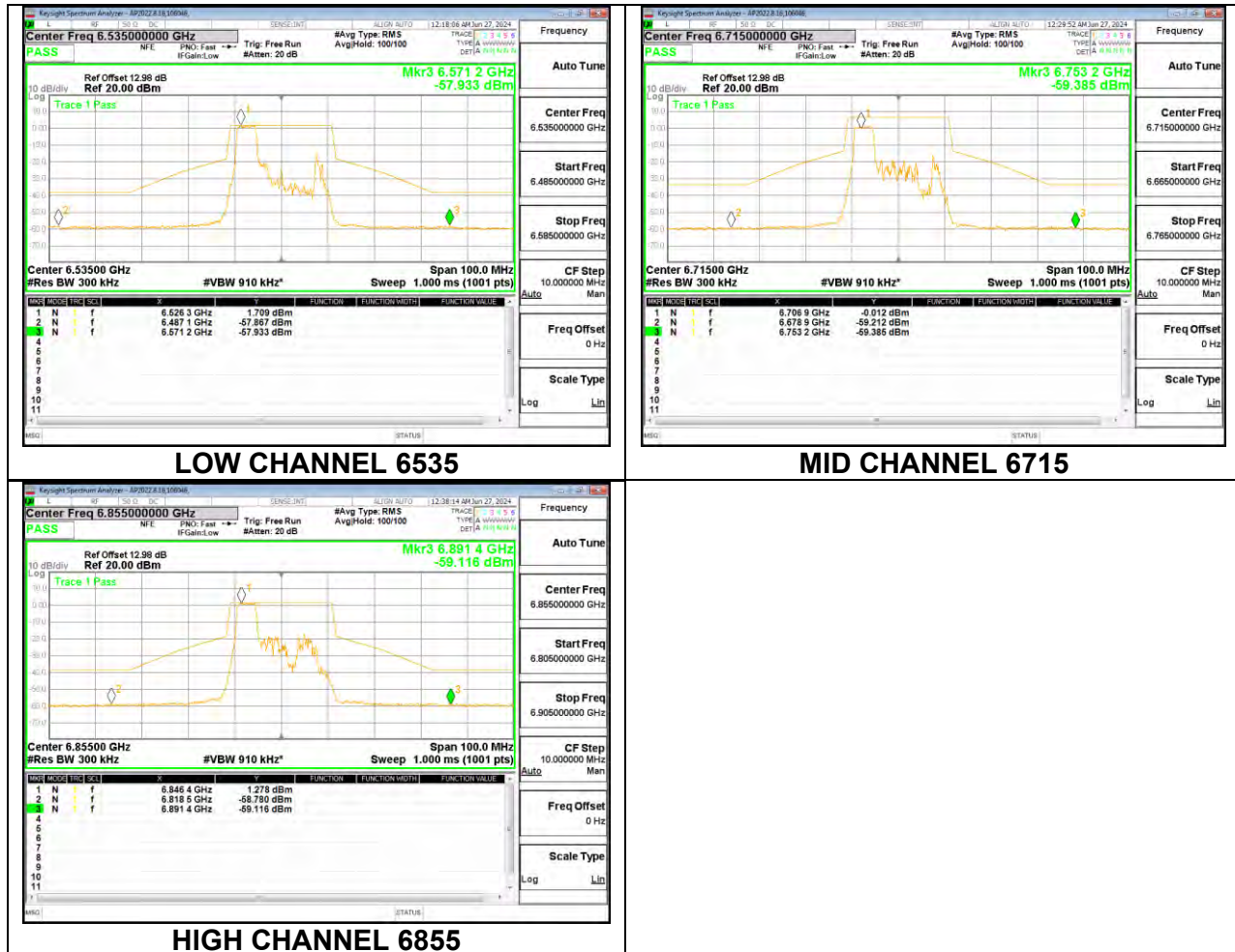
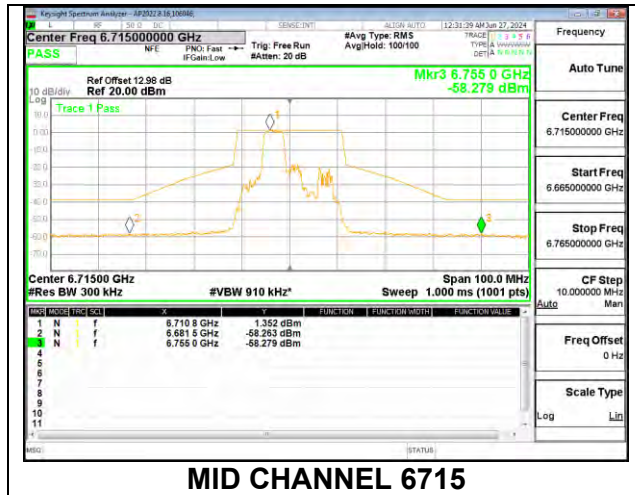
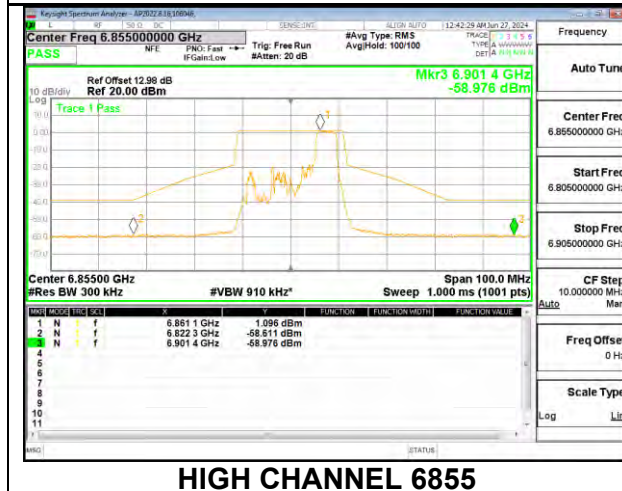
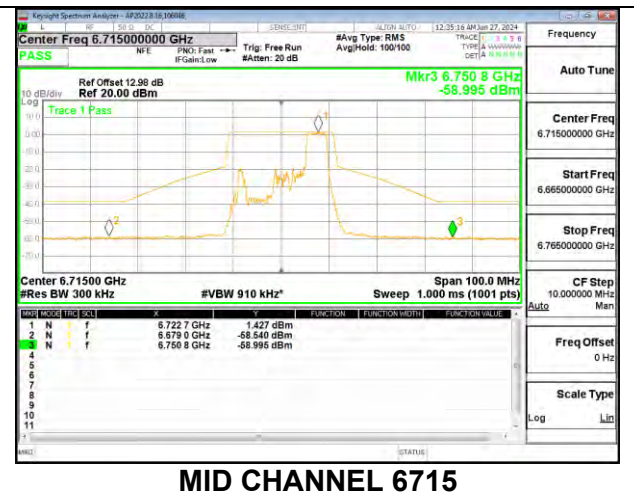
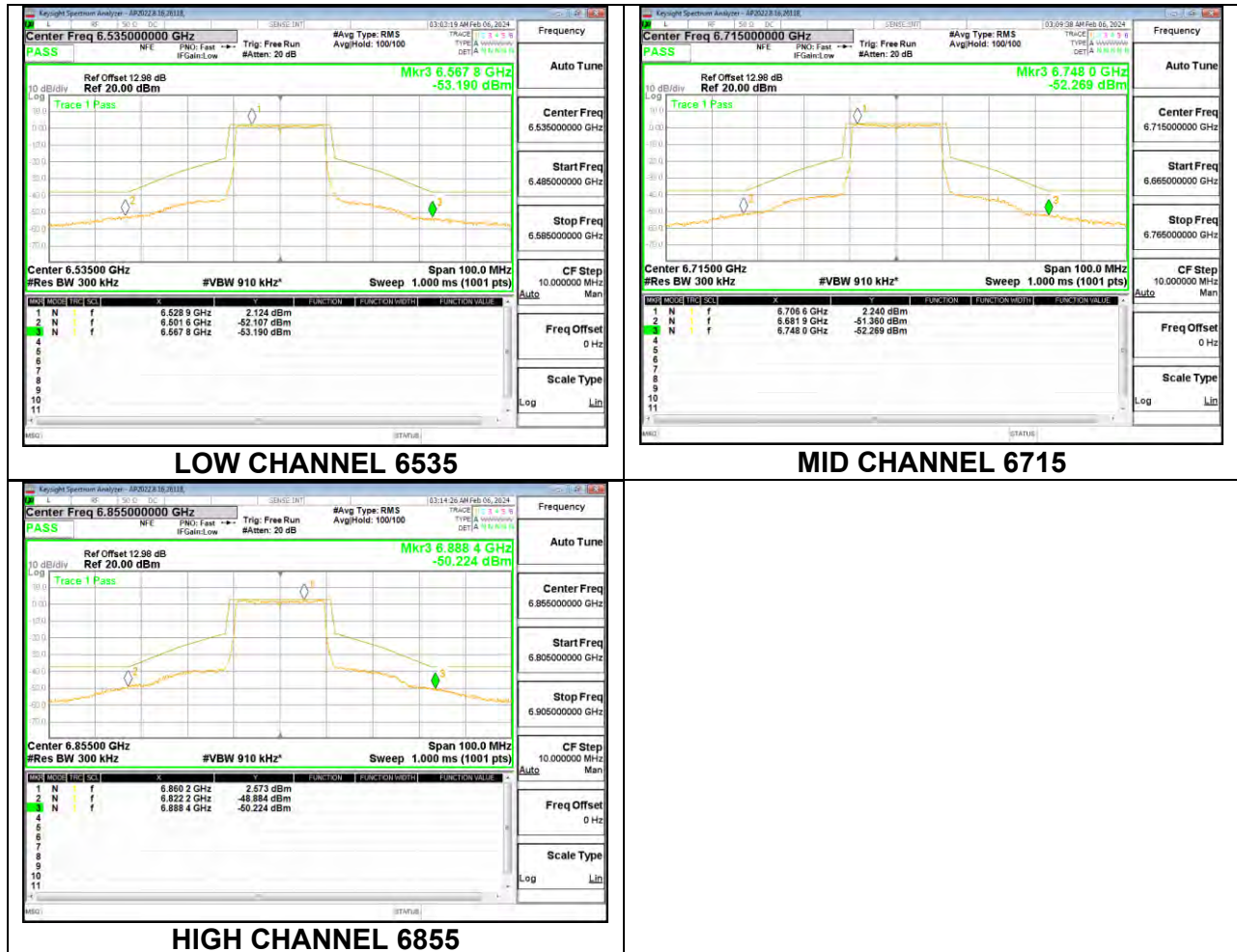


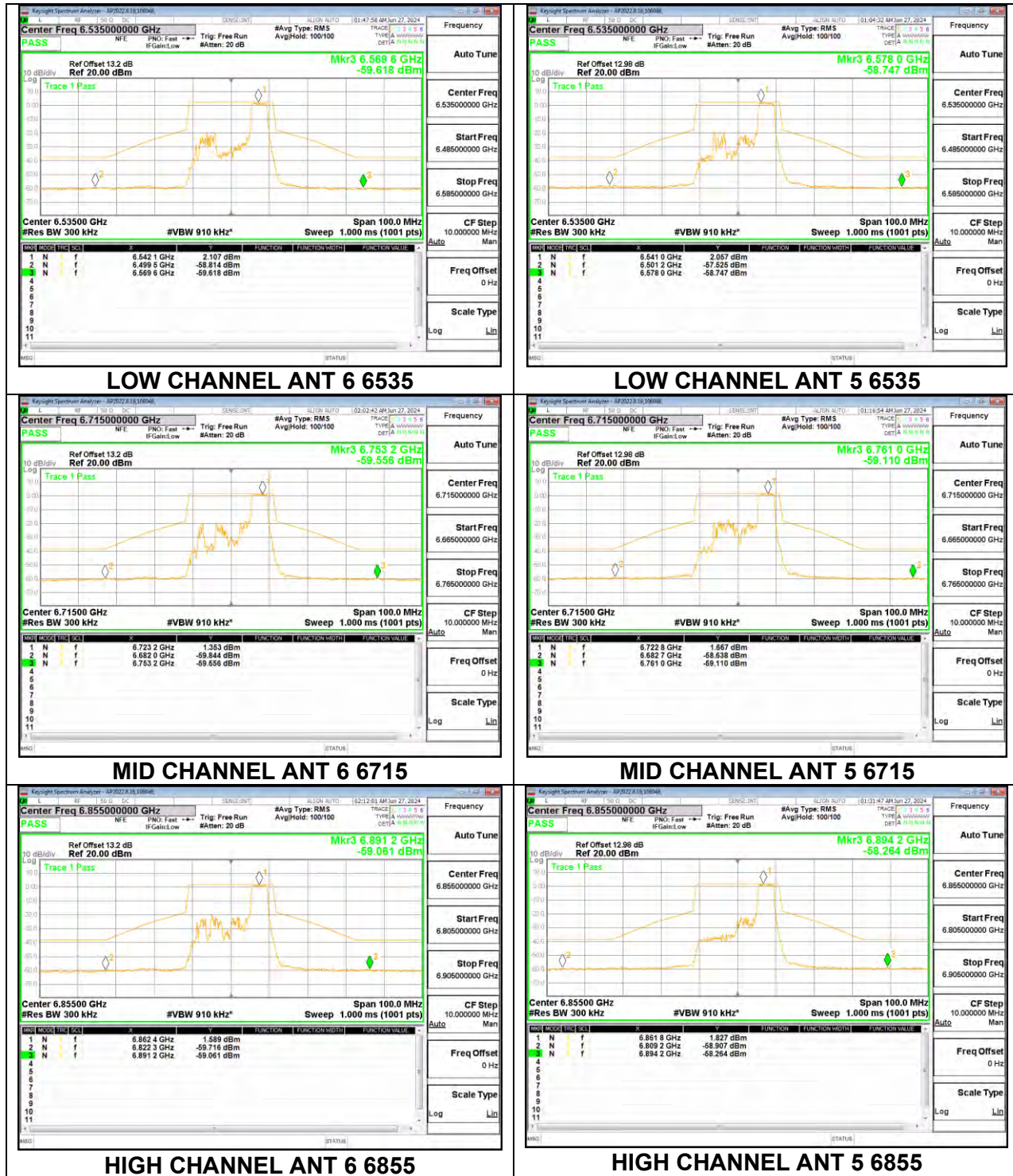
1TX Antenna 6 MODE (FCC+IC) MOBILE – SU MODE

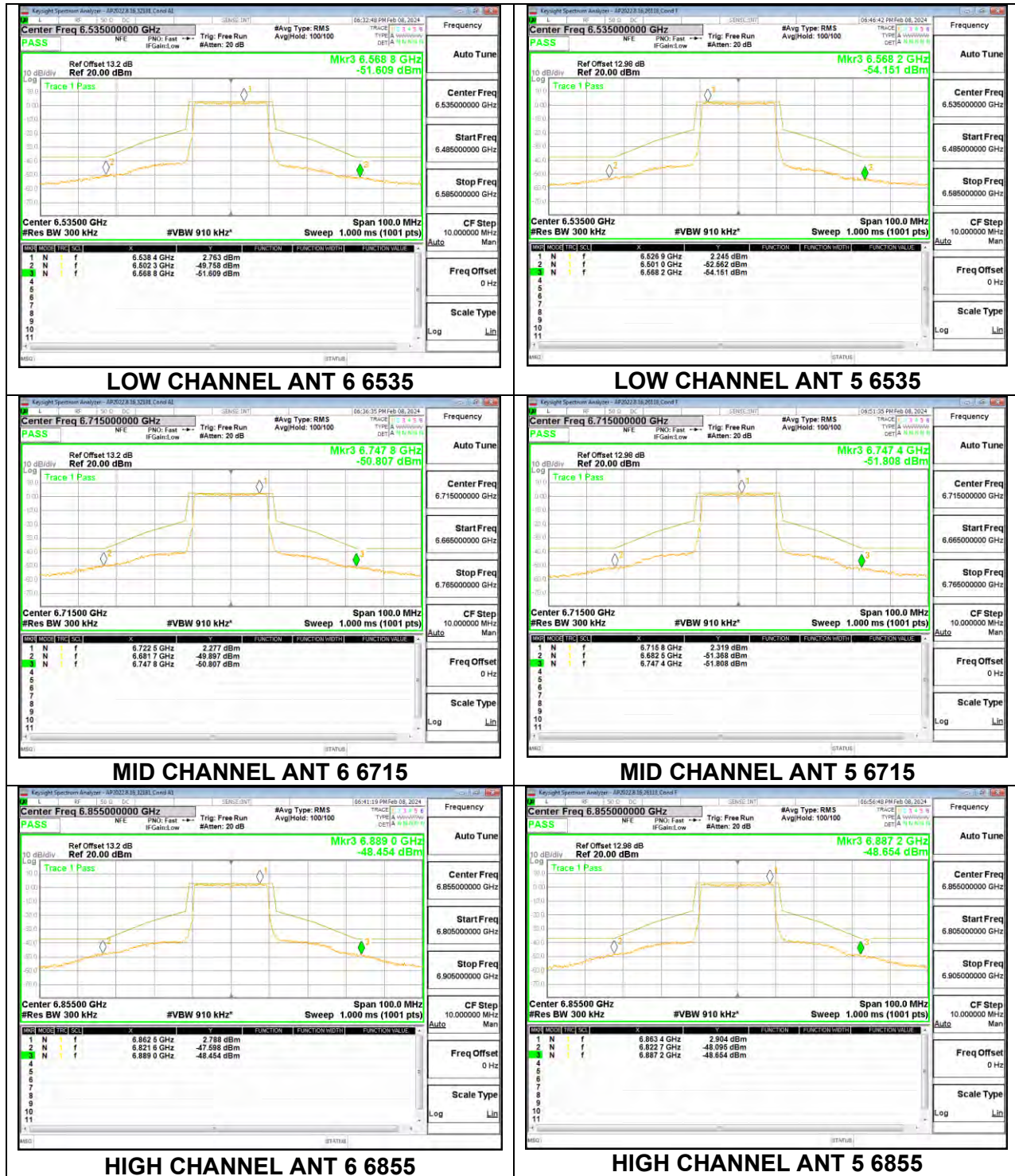
1TX Antenna 5 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 37

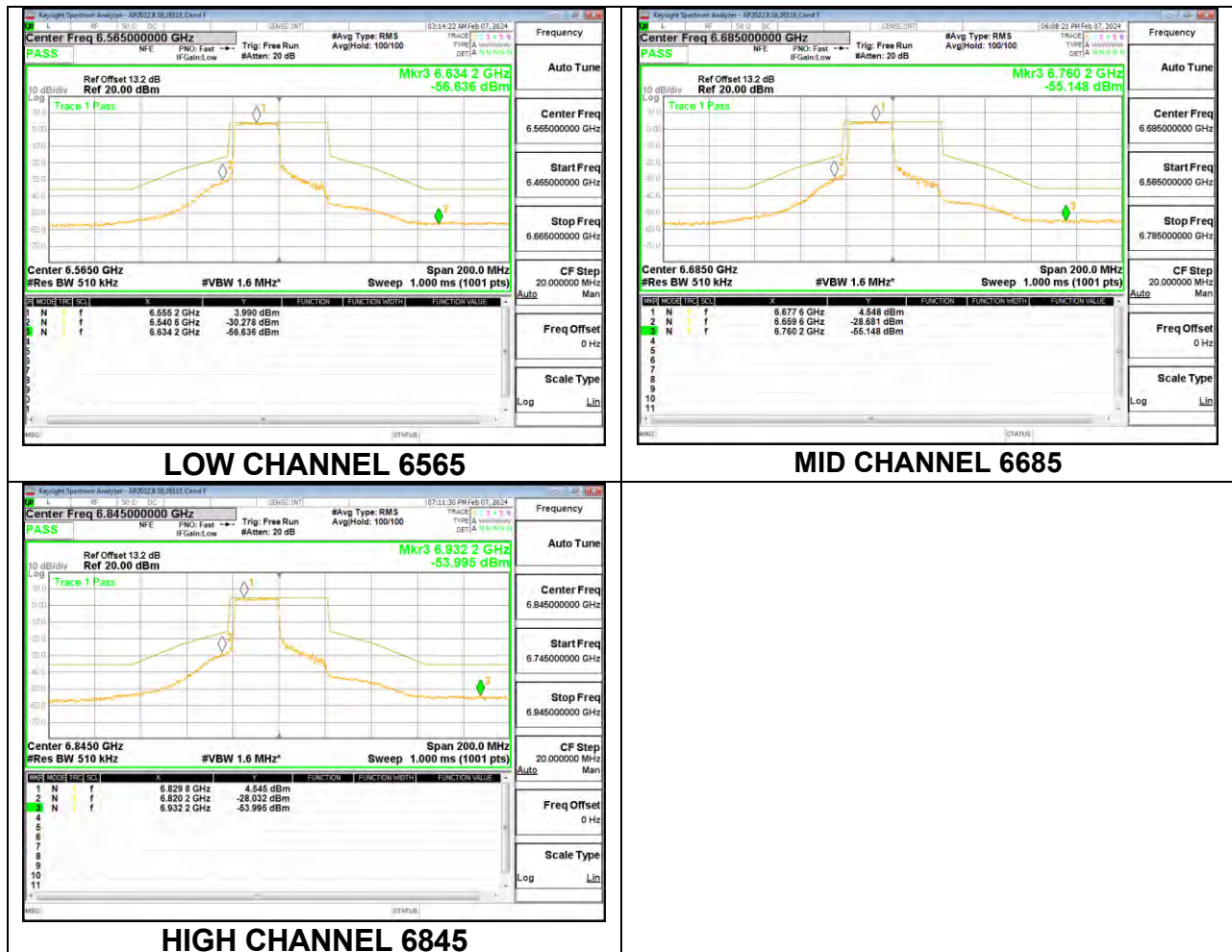
1TX Antenna 5 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 38**1TX Antenna 5 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 40**

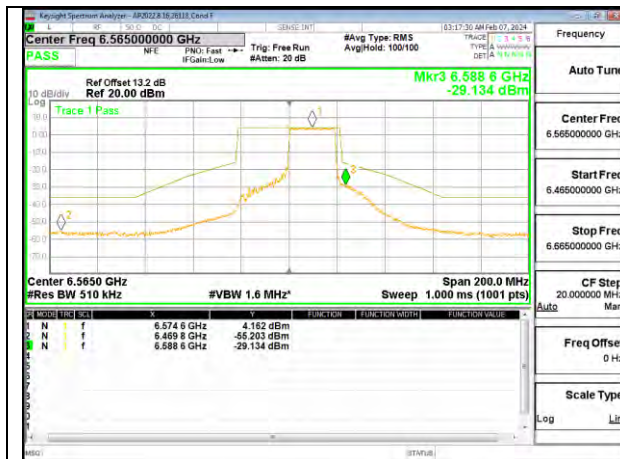
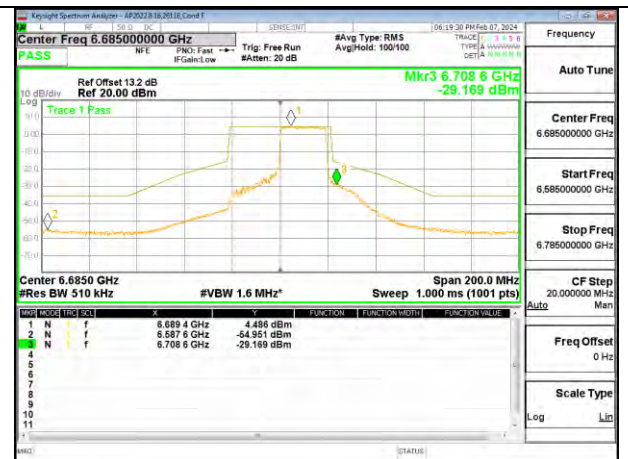
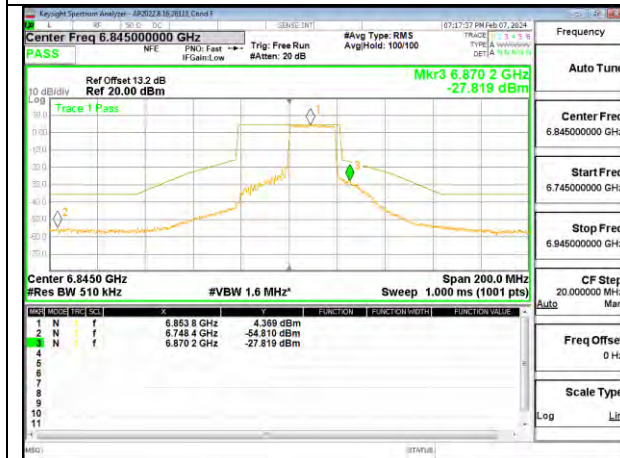
1TX Antenna 5 MODE (FCC+IC) MOBILE – SU MODE

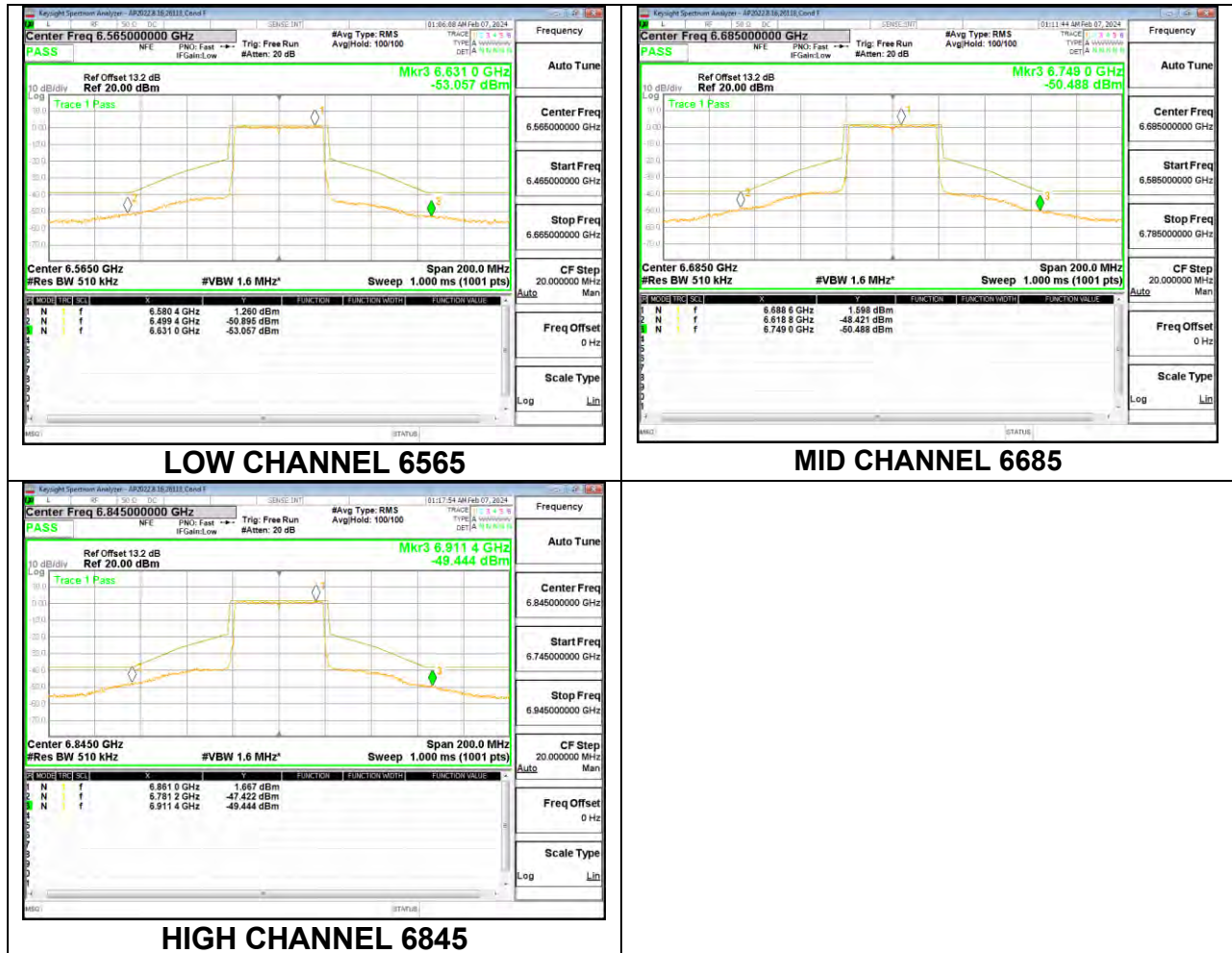
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 52-Tones, RU Index 38

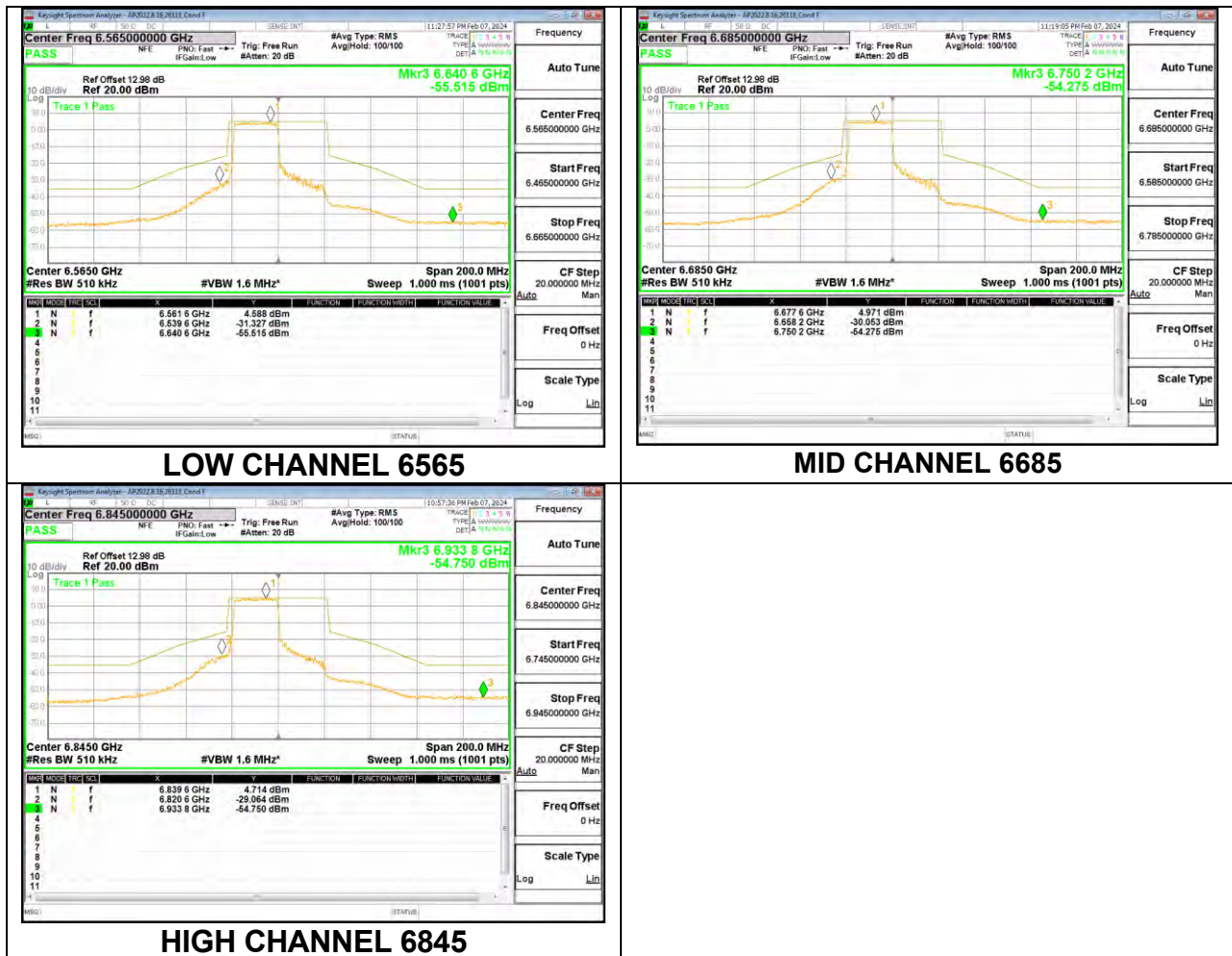
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 52-Tones, RU Index 40

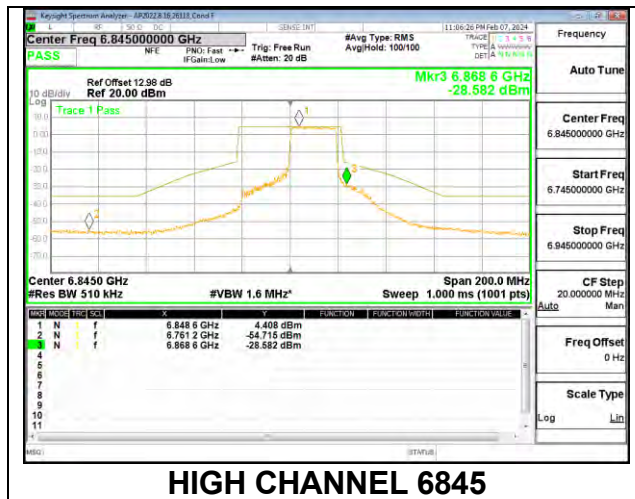
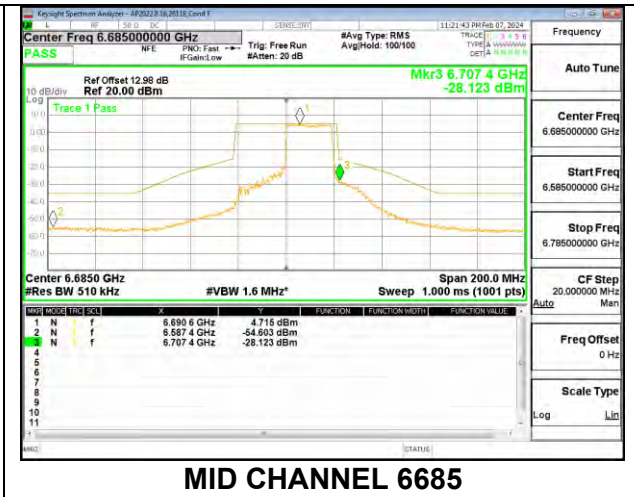
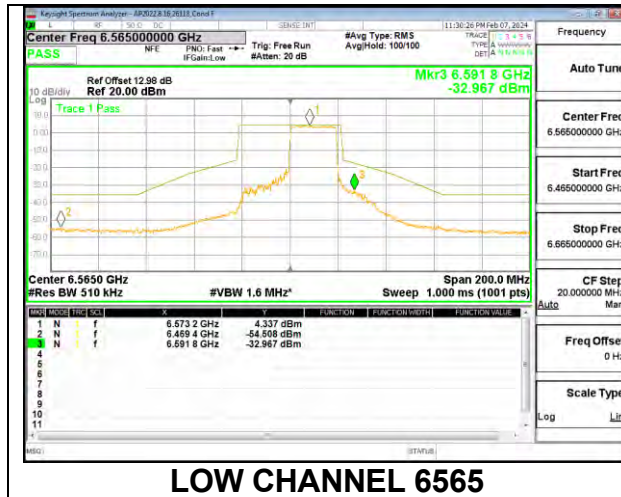
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – SU MODE

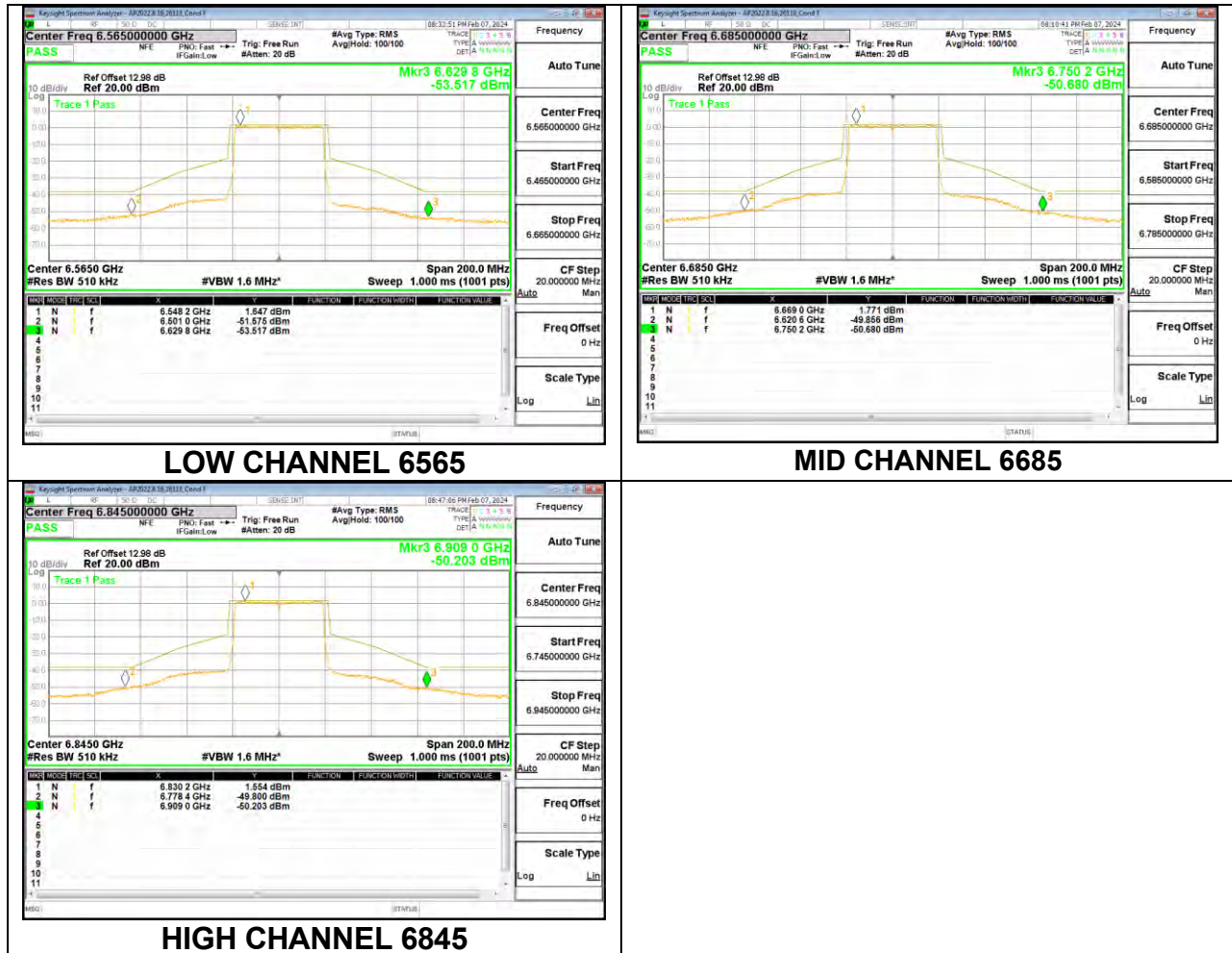
9.7.6. 802.11be EHT40 MODE IN THE UNII-7 BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 61**

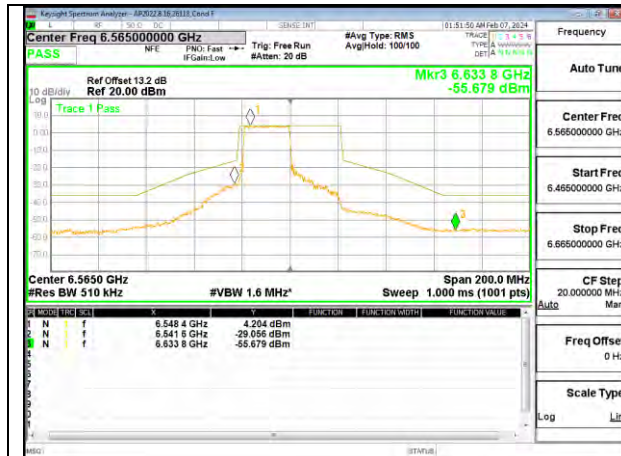
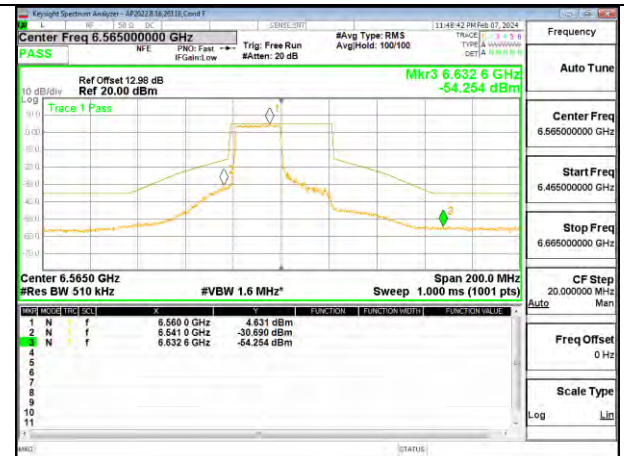
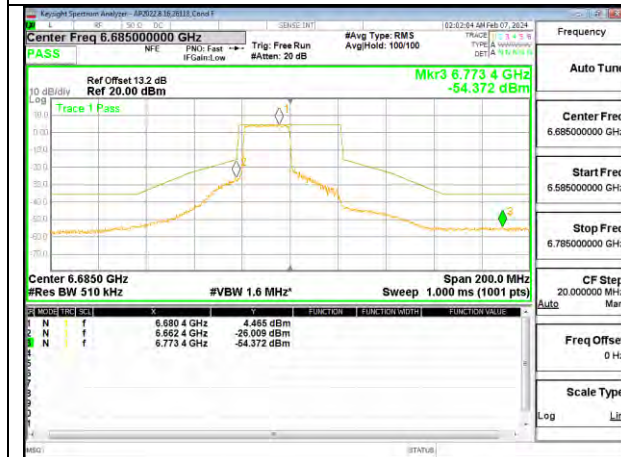
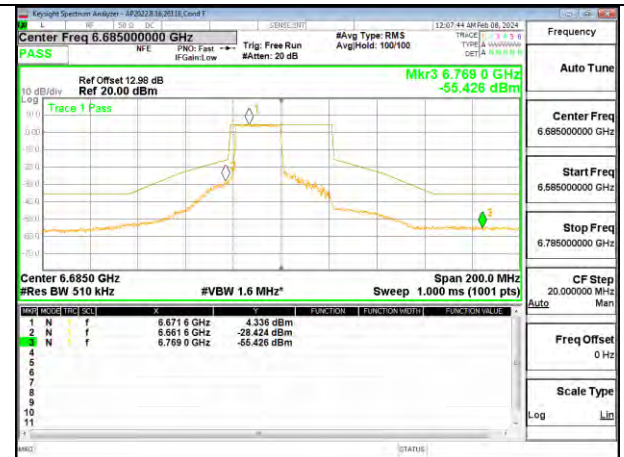
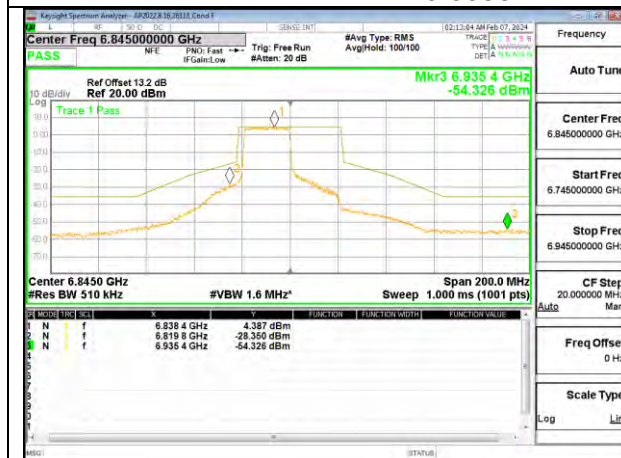
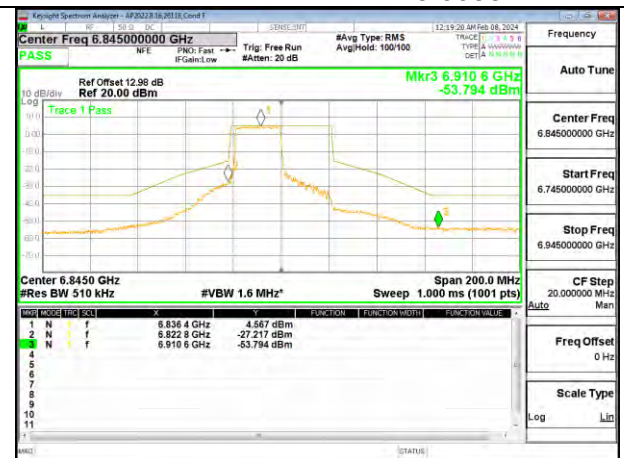
1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 62**LOW CHANNEL 6565****MID CHANNEL 6685****HIGH CHANNEL 6845**

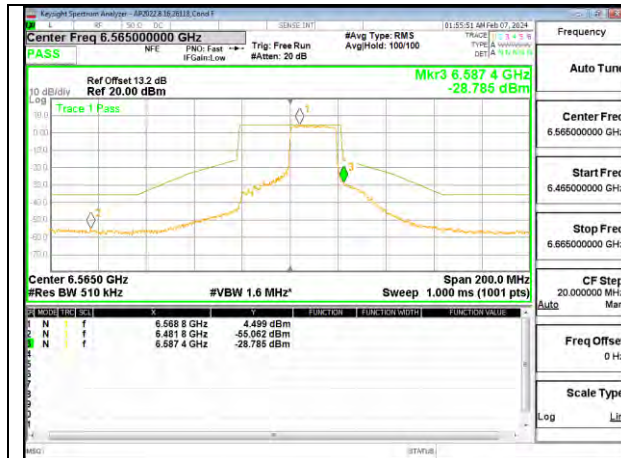
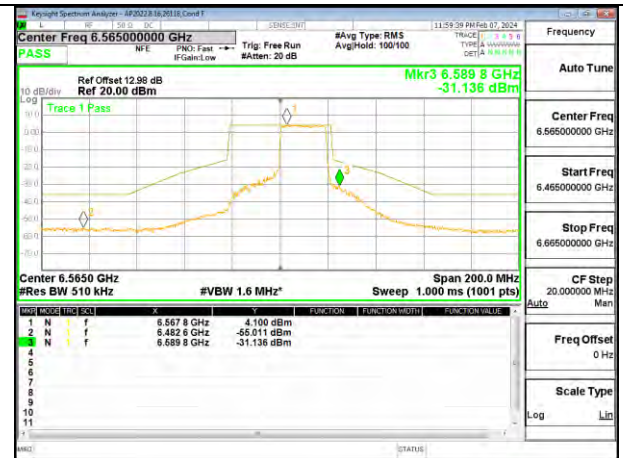
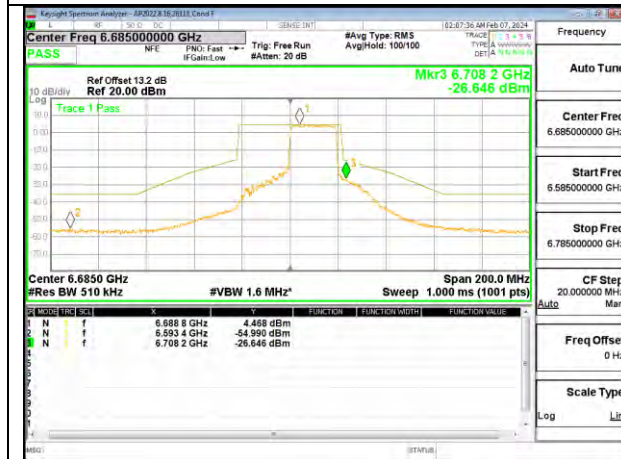
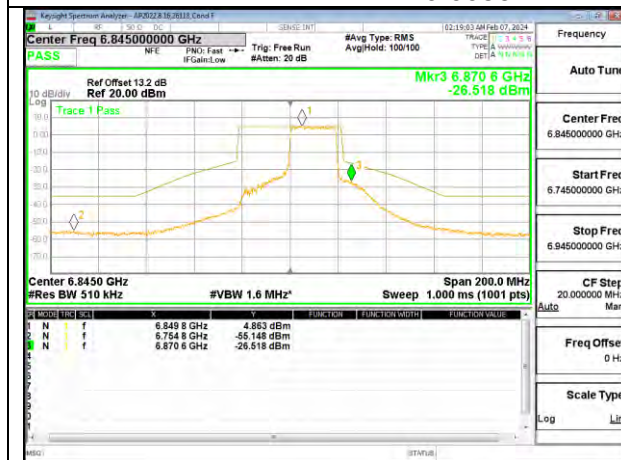
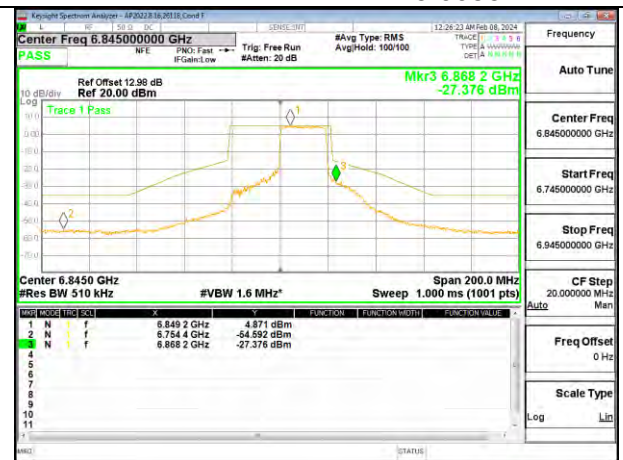
1TX Antenna 6 MODE (FCC+IC) MOBILE – SU MODE

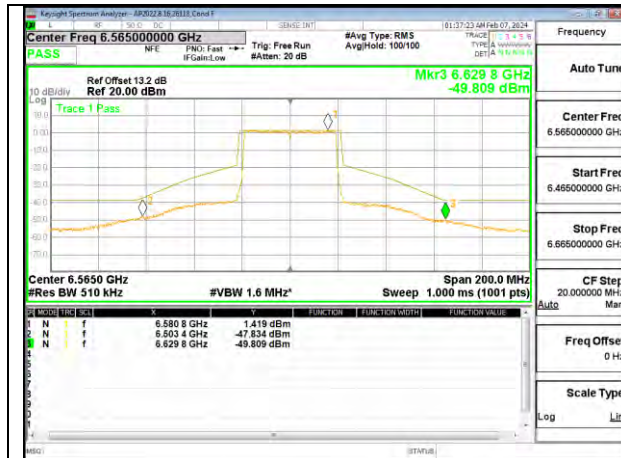
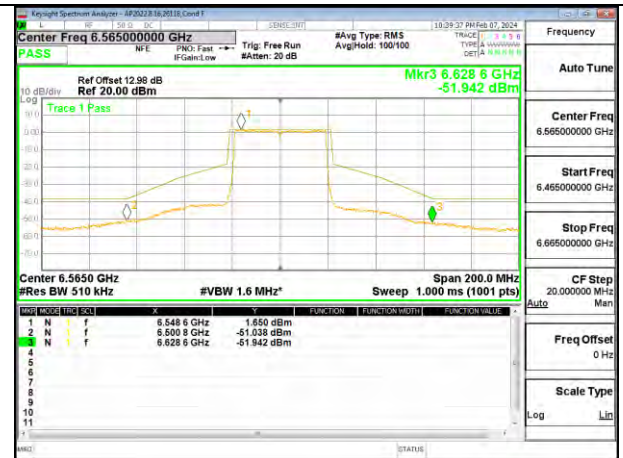
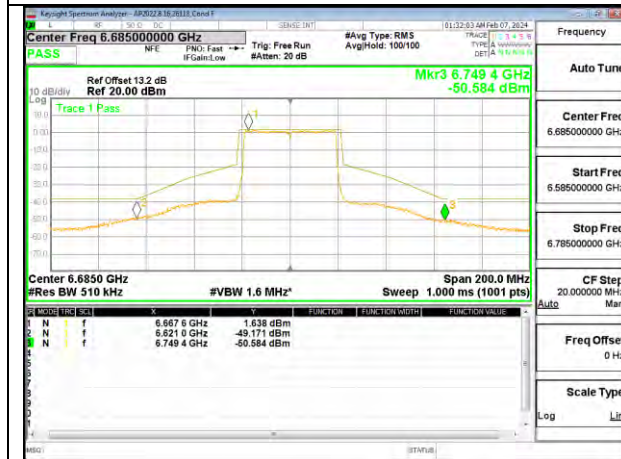
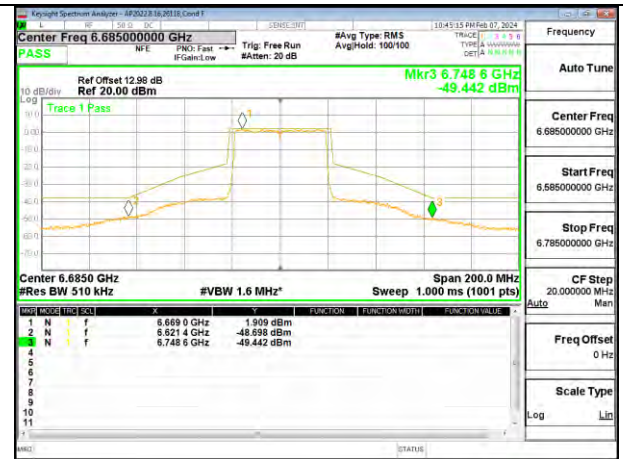
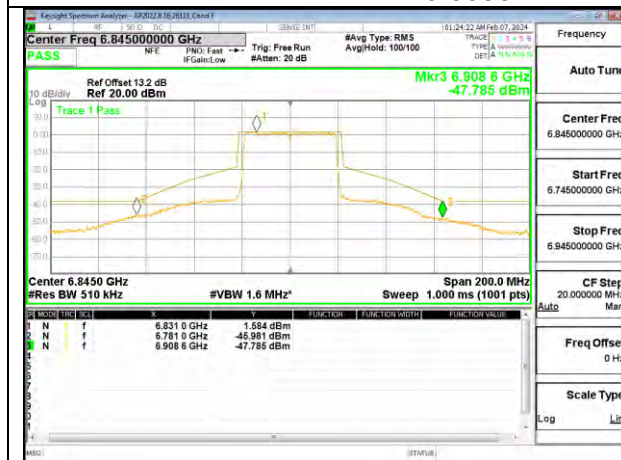
1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 61

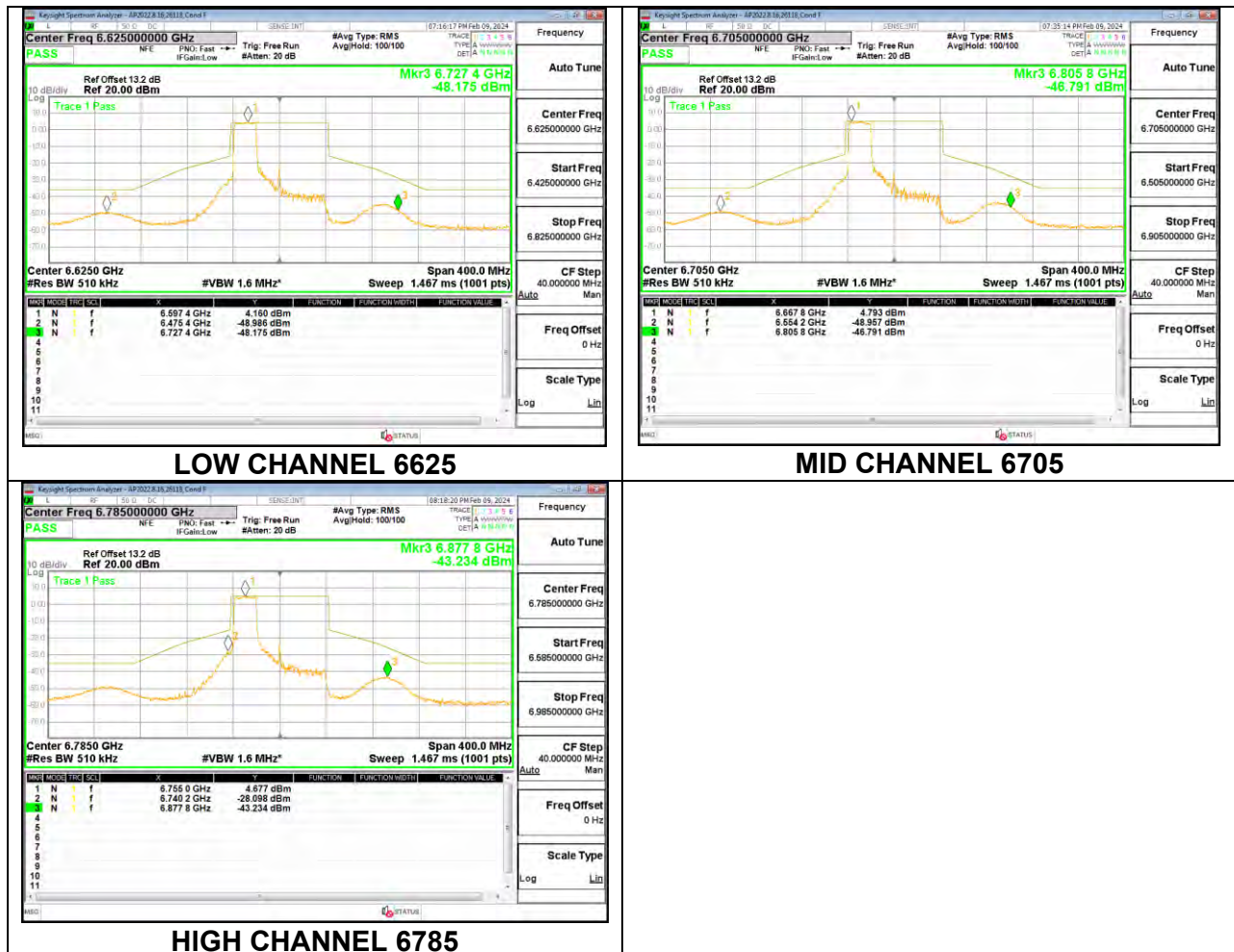
1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 62

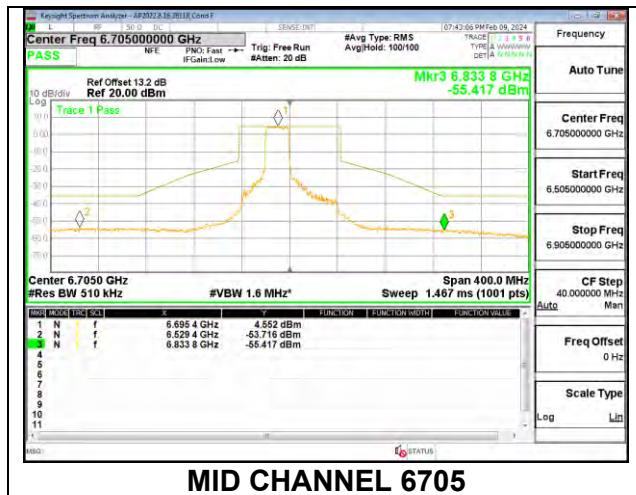
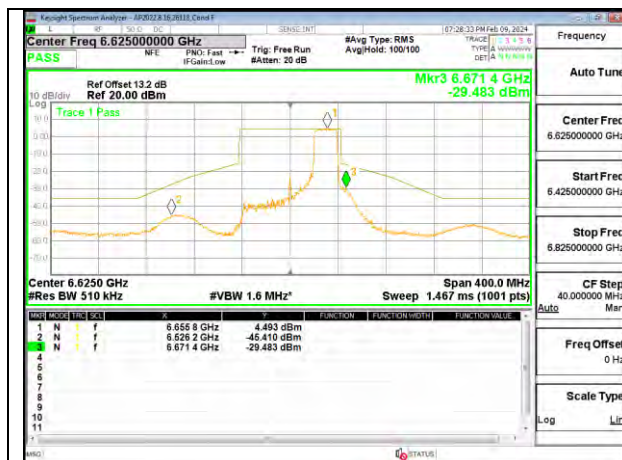
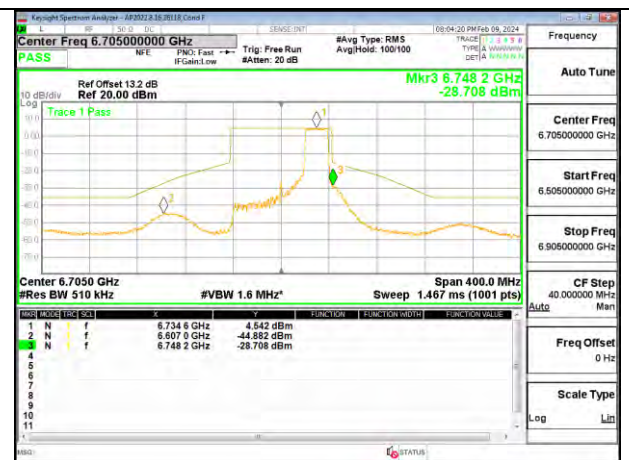
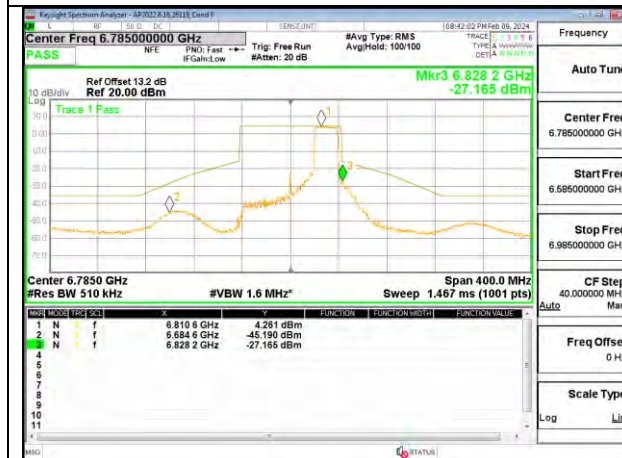
1TX Antenna 5 MODE (FCC+IC) MOBILE – SU MODE

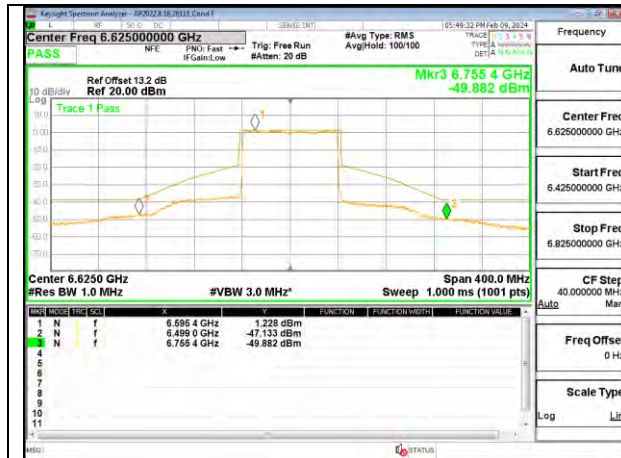
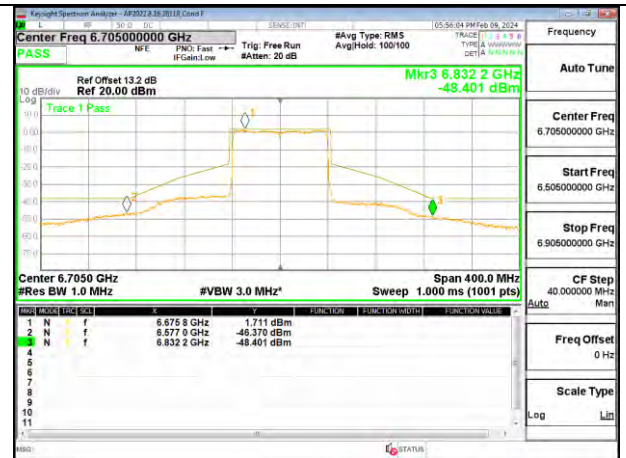
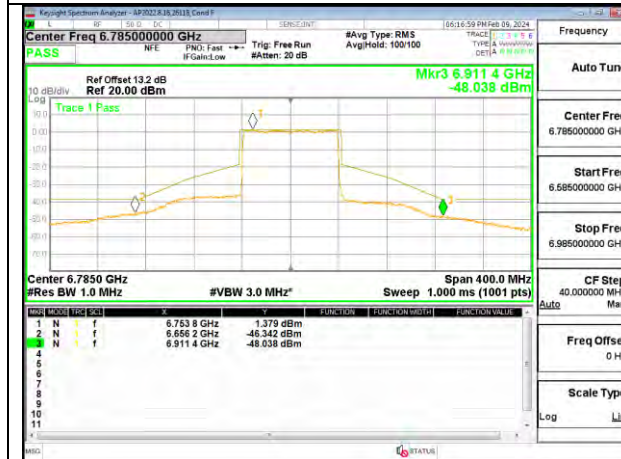
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index 61**LOW CHANNEL Ant 6 6565****LOW CHANNEL Ant 5 6565****MID CHANNEL ANT 6 6685****MID CHANNEL ANT 5 6685****HIGH CHANNEL ANT 6 6845****HIGH CHANNEL ANT 5 6845**

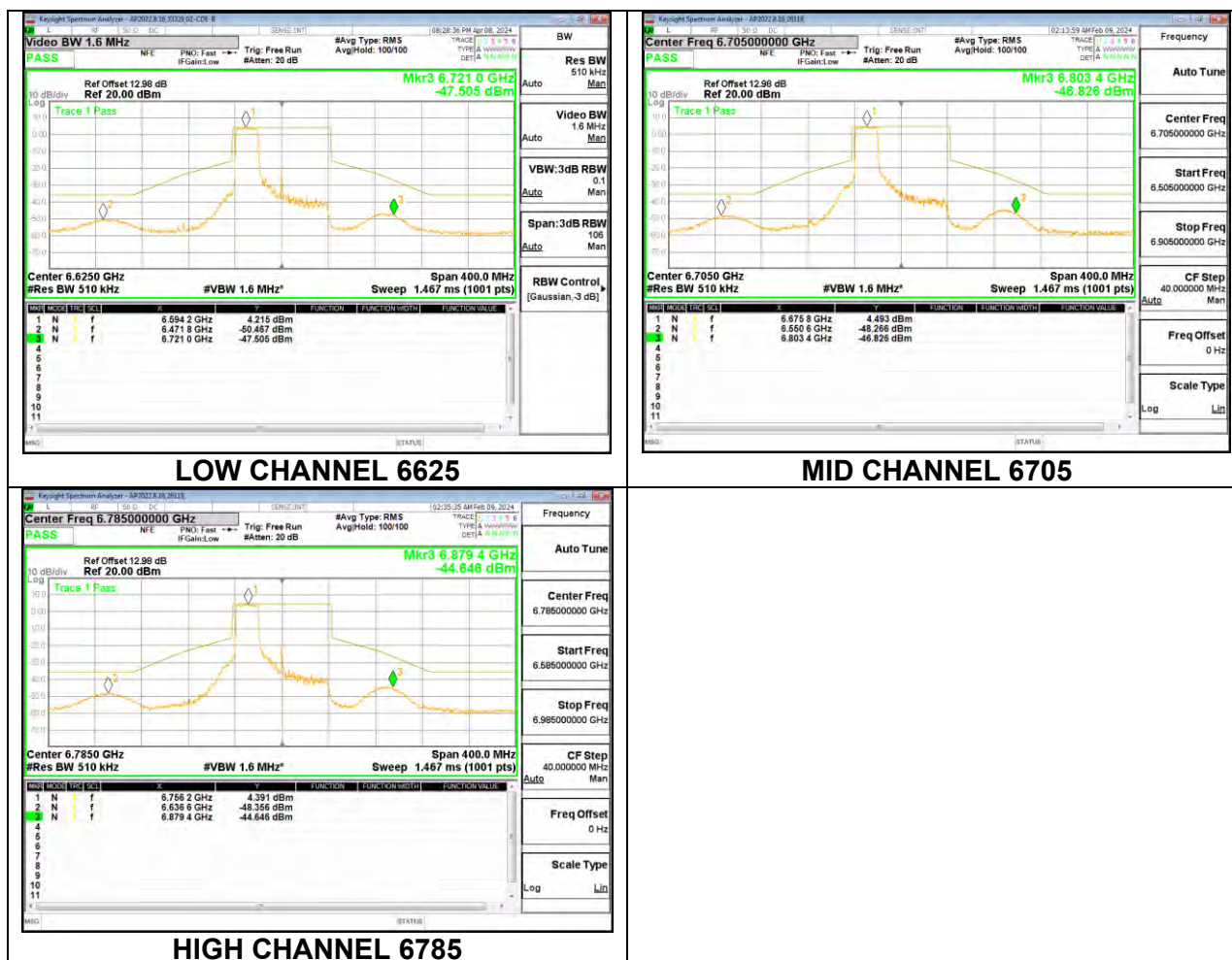
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index 62**LOW CHANNEL Ant 6 6565****LOW CHANNEL Ant 5 6565****MID CHANNEL ANT 6 6685****MID CHANNEL ANT 5 6685****HIGH CHANNEL ANT 6 6845****HIGH CHANNEL ANT 5 6845**

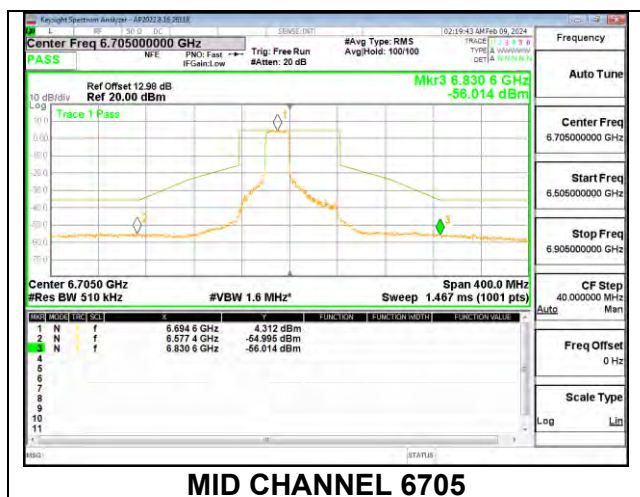
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – SU MODE**LOW CHANNEL Ant 6 6565****LOW CHANNEL Ant 5 6565****MID CHANNEL ANT 6 6685****MID CHANNEL ANT 5 6685****HIGH CHANNEL ANT 6 6845****HIGH CHANNEL ANT 5 6845**

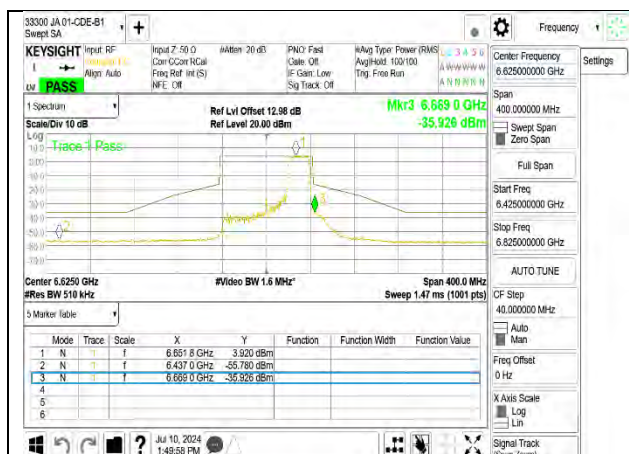
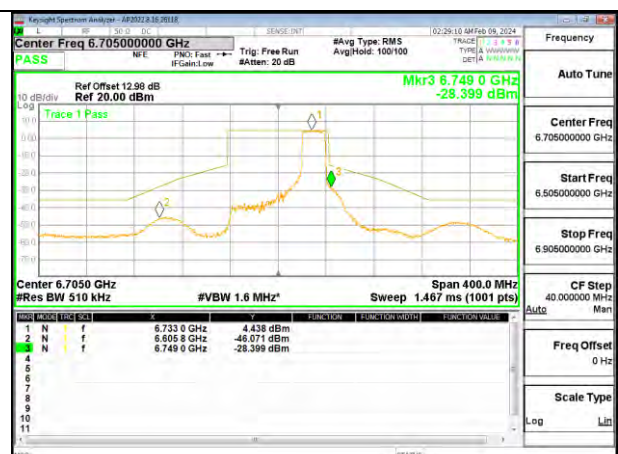
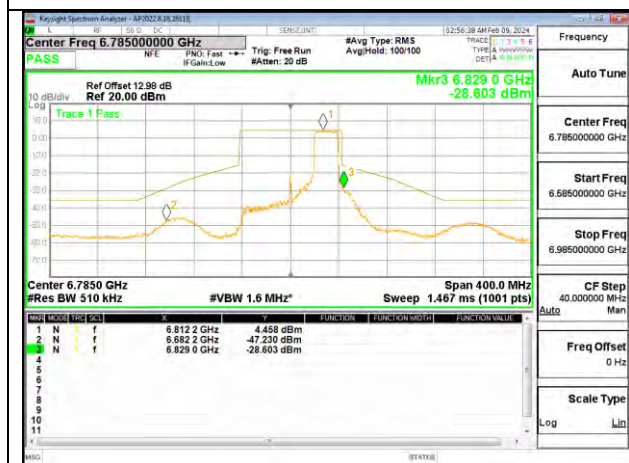
9.7.7. 802.11be EHT80 MODE IN THE UNII-7 BAND**1TX Antenna 6 MODE (FCC) MOBILE – 242-Tones, RU Index 61**

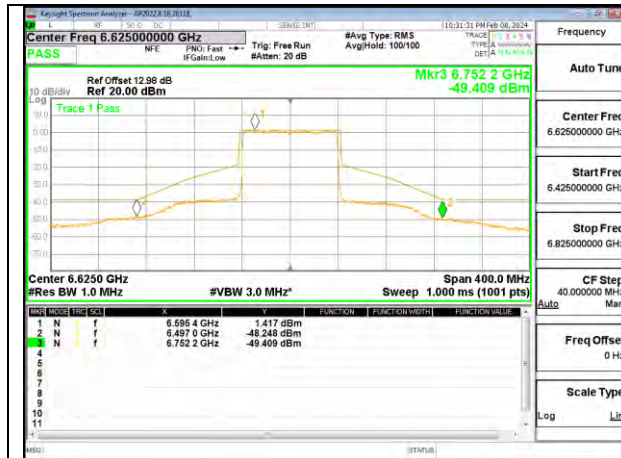
1TX Antenna 6 MODE (FCC) MOBILE – 242-Tones, RU Index 62**MID CHANNEL 6705****1TX Antenna 6 MODE (FCC) MOBILE – 242-Tones, RU Index 64****LOW CHANNEL 6625****MID CHANNEL 6705****HIGH CHANNEL 6785**

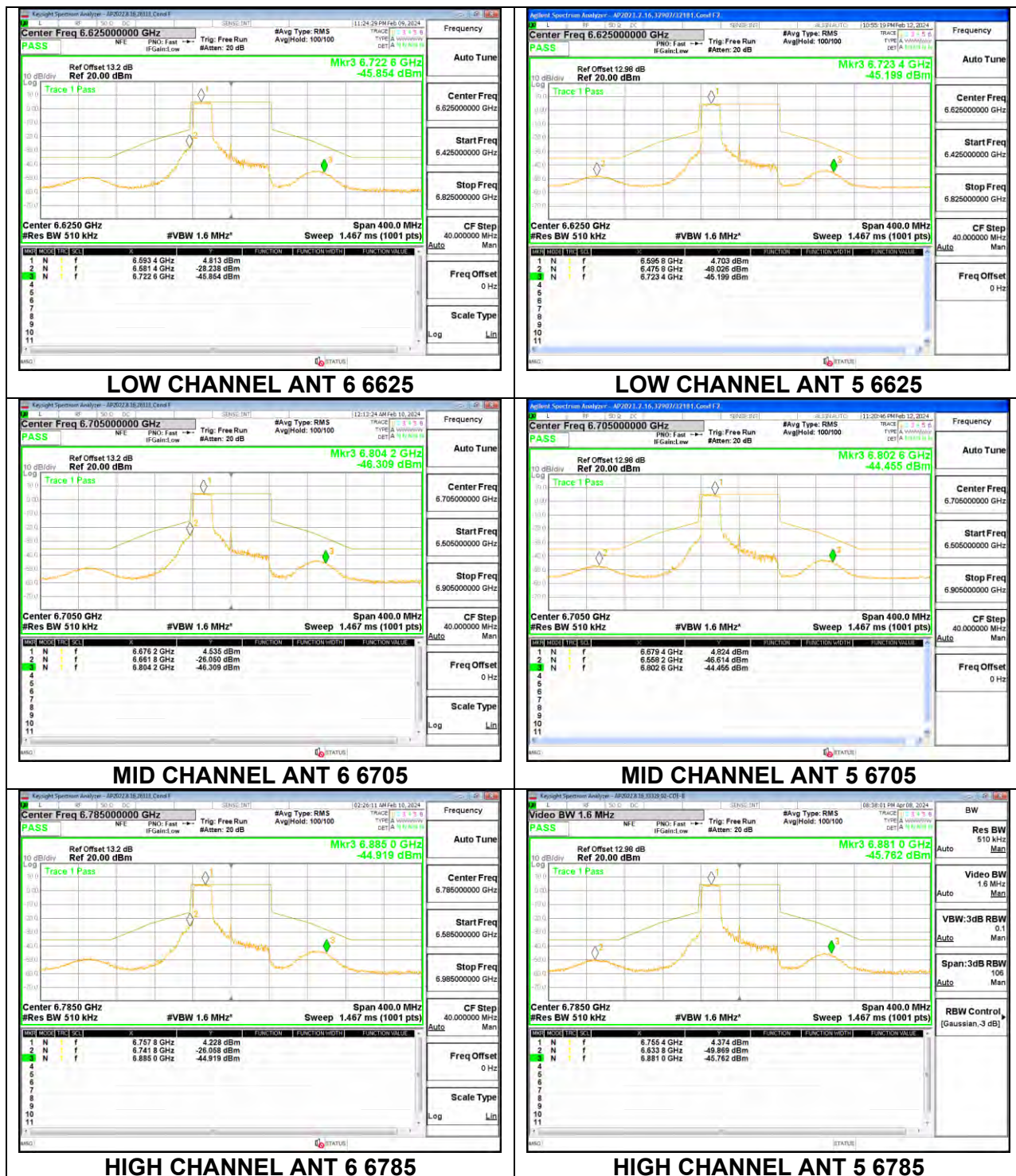
1TX Antenna 6 MODE (FCC) MOBILE – SU MODE**LOW CHANNEL 6625****MID CHANNEL 6705****HIGH CHANNEL 6785**

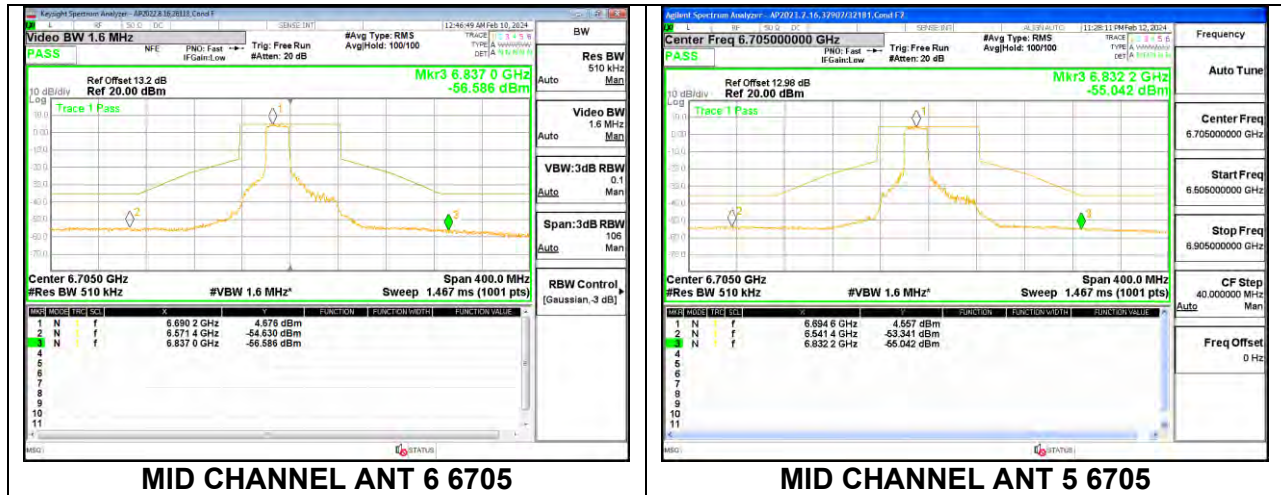
1TX Antenna 5 MODE (FCC) MOBILE – 242-Tones, RU Index 61

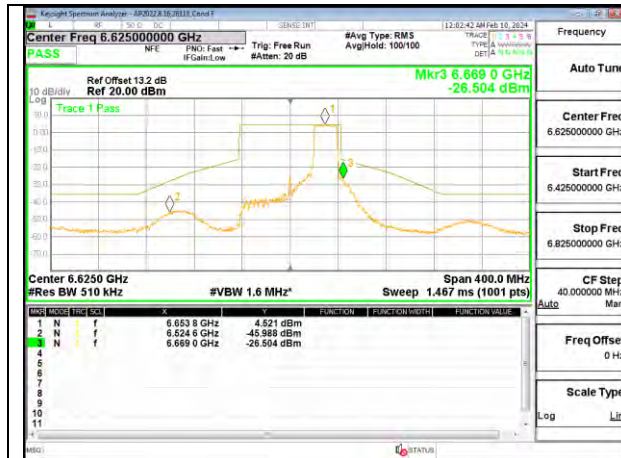
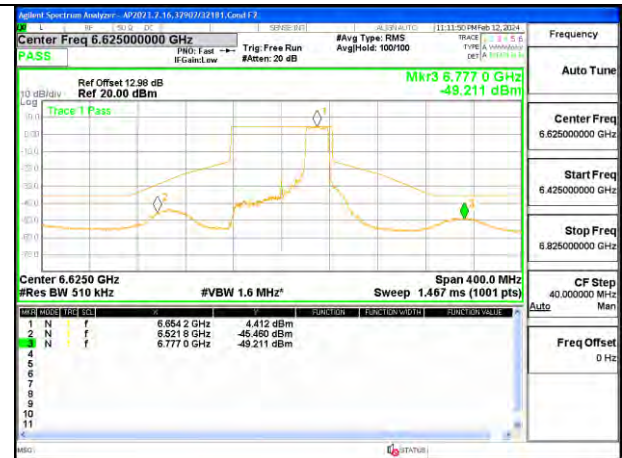
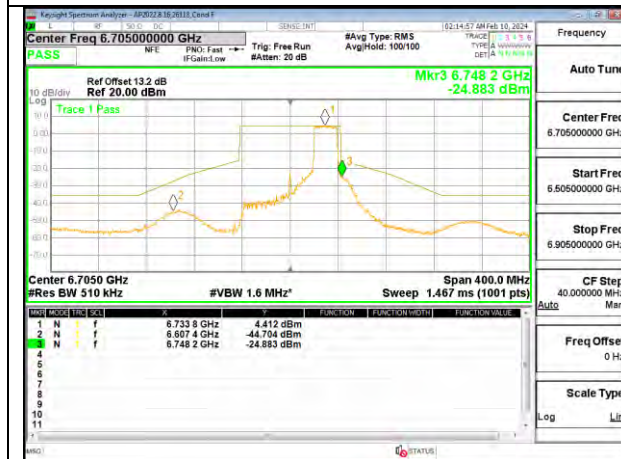
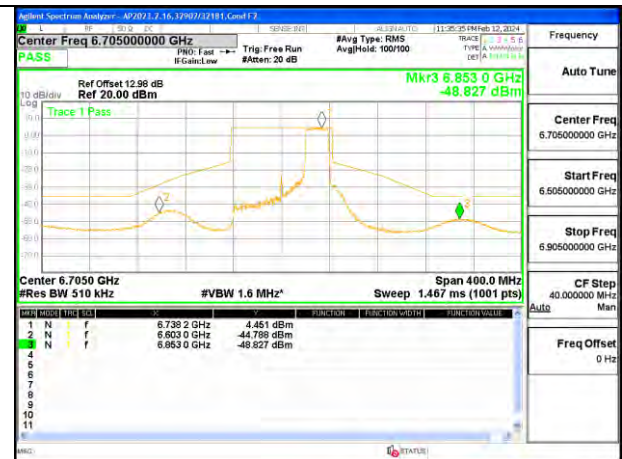
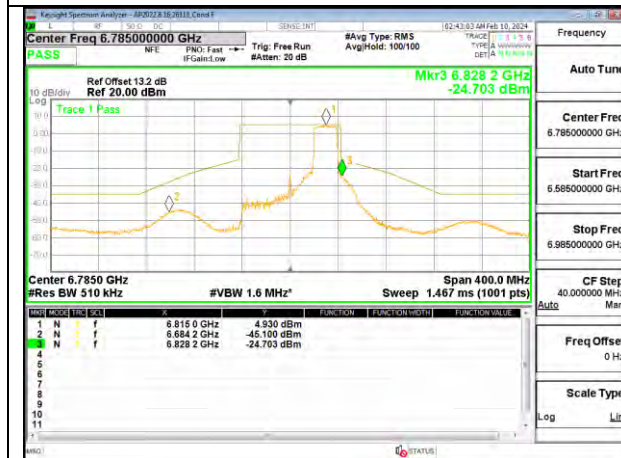
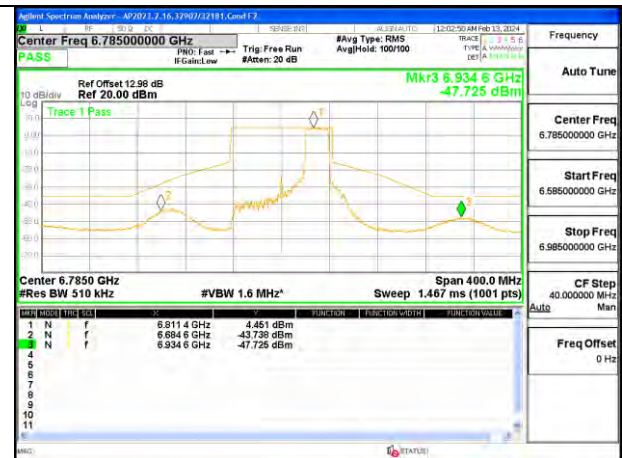
1TX Antenna 5 MODE (FCC) MOBILE – 242-Tones, RU Index 62

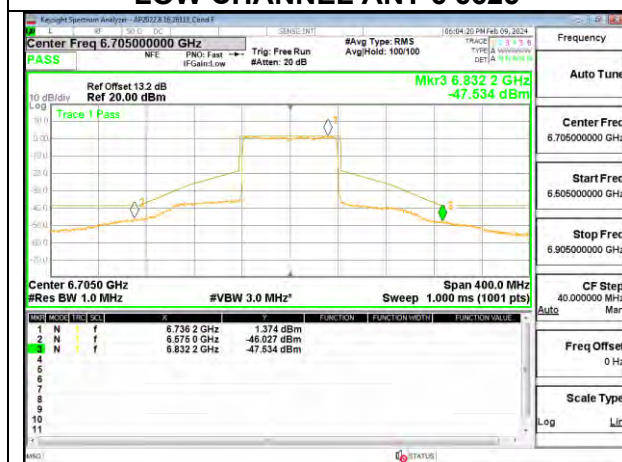
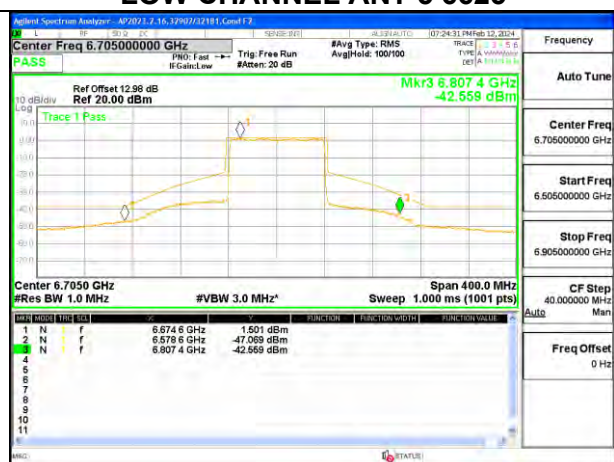
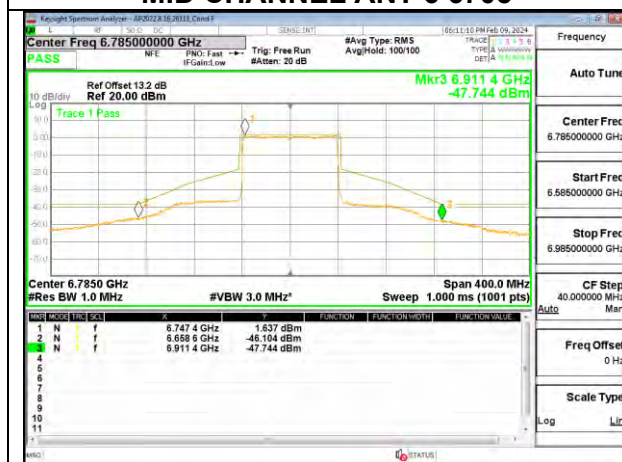
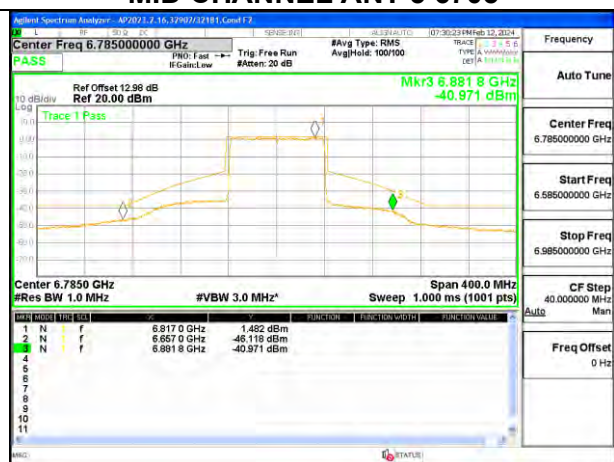
1TX Antenna 5 MODE (FCC) MOBILE – 242-Tones, RU Index 64**LOW CHANNEL 6625****MID CHANNEL 6705****HIGH CHANNEL 6785**

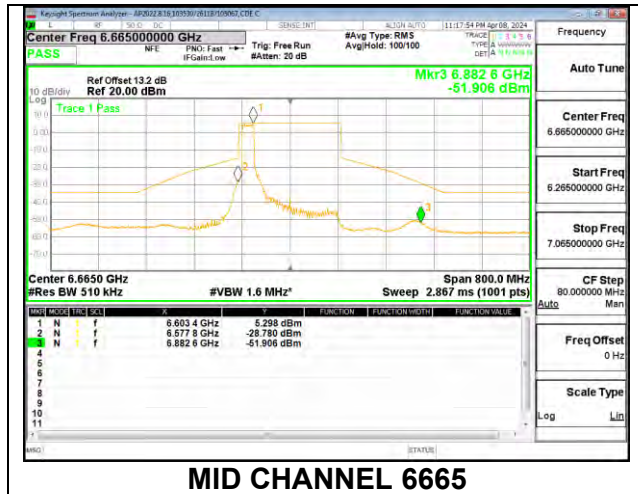
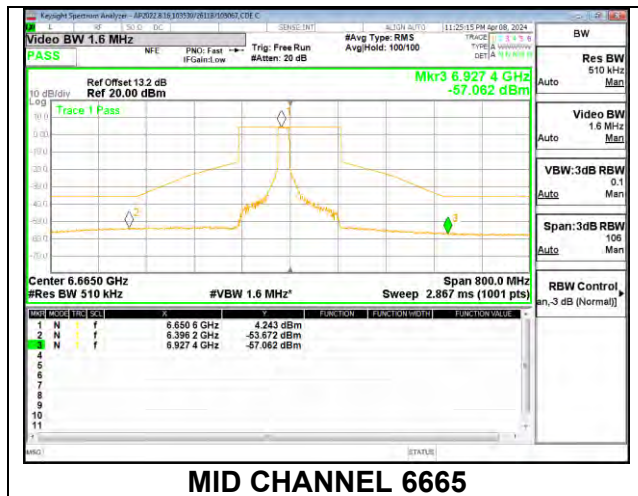
1TX Antenna 5 MODE (FCC) MOBILE – SU MODE**LOW CHANNEL 6625****MID CHANNEL 6705****HIGH CHANNEL 6785**

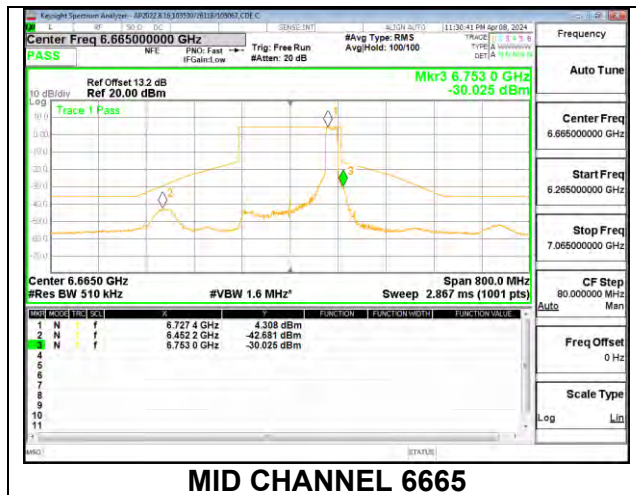
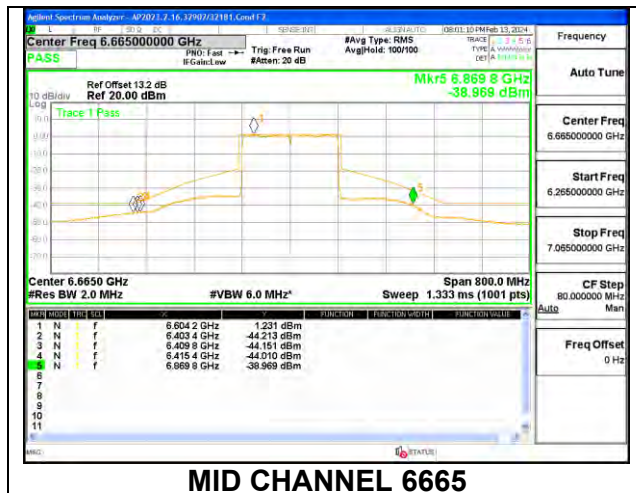
2TX Antenna 6 + Antenna 5 CDD MODE (FCC) – 242-Tones, RU Index 61

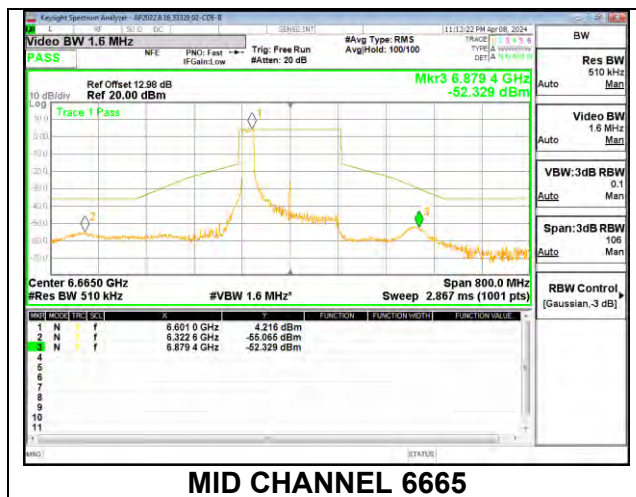
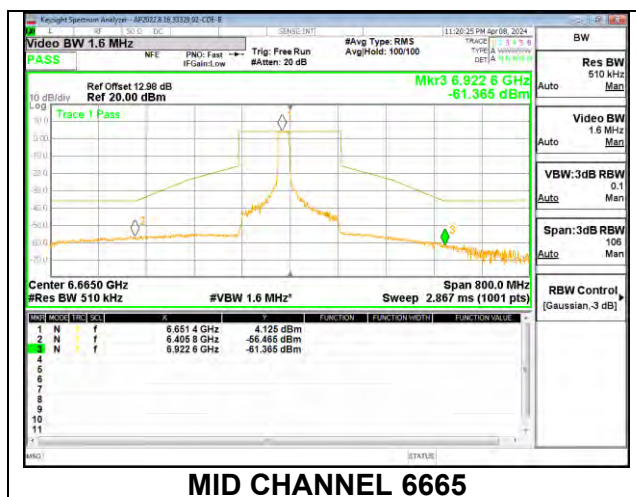
2TX Antenna 6 + Antenna 5 CDD MODE (FCC) – 242-Tones, RU Index 62

2TX Antenna 6 + Antenna 5 CDD MODE (FCC) – 242-Tones, RU Index 64**LOW CHANNEL ANT 6 6625****LOW CHANNEL ANT 5 6625****MID CHANNEL ANT 6 6705****MID CHANNEL ANT 5 6705****HIGH CHANNEL ANT 6 6785****HIGH CHANNEL ANT 5 6785**

2TX Antenna 6 + Antenna 5 CDD MODE (FCC) – SU Mode**LOW CHANNEL ANT 6 6625****LOW CHANNEL ANT 5 6625****MID CHANNEL ANT 6 6705****MID CHANNEL ANT 5 6705****HIGH CHANNEL ANT 6 6785****HIGH CHANNEL ANT 5 6785**

9.7.8. 802.11be EHT160 MODE IN THE UNII-7 BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 2642-Tones, RU Index 61****1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 64**

1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index S64**1TX Antenna 6 MODE (FCC+IC) MOBILE – SU MODE**

1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 61**1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 64**

Keysight Spectrum Analyzer - 6P-202-1 3B 2503-02-C19-B

Video BW 1.6 MHz

Trace 1 Pass

Ref Offset 12.98 dB
Ref 20.00 dBm

Mkr3 7.013 8 GHz
-52.619 dBm

Center 6.6550 GHz
#Res BW 510 kHz

#VBW 1.6 MHz²

Span 800.0 MHz
Sweep 2.867 ms (1001 pts)

Res BW 510 kHz

Video BW 1.6 MHz

VBW:3dB Res BW 0.1

Span:3dB Res BW 106

RBW Control
[Gaussian -3 dB]

MARK	MODE	FREQ	SQL	dB	FUNCTION	FUNCTION WIDTH	FUNCTION GATE
1	N	f	f	6.741 8 GHz	4.540 dBm		
2	N	f	f	6.654 6 GHz	-43.131 dBm		
3	N	f	f	7.013 8 GHz	-52.619 dBm		

MID CHANNEL 6665

Active Spectrum Analyzer #27272 7/16/2018 Cont'd F2

F1 L1 RBW 100.0 kHz Span 100.0 MHz

Center Freq 6.665000000 GHz

PASS PRO: Fast B Calcd: mw Trip: Free Run #Chan: 20 dB

Avg Type: RMS Trace 1 2 3 4
Avg Hold: 100/100 Type: A Video: 0.5 Hz Det: A Filter: 0.5 Hz

Frequency

Auto Tune

Center Freq 6.665000000 GHz

Start Freq 6.265000000 GHz

Stop Freq 7.065000000 GHz

CF Step 80.000000 MHz

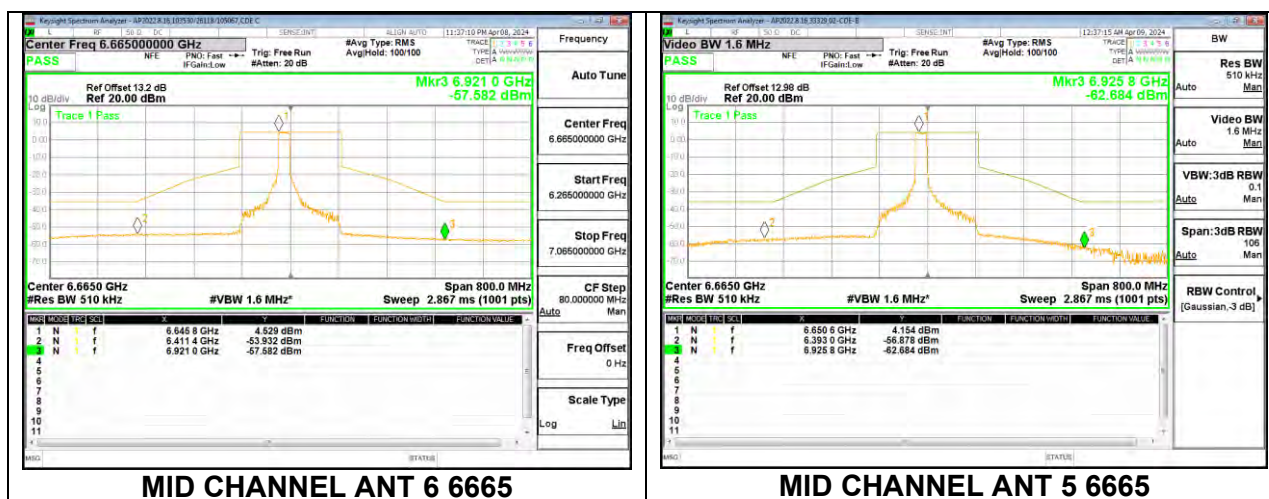
Auto Man

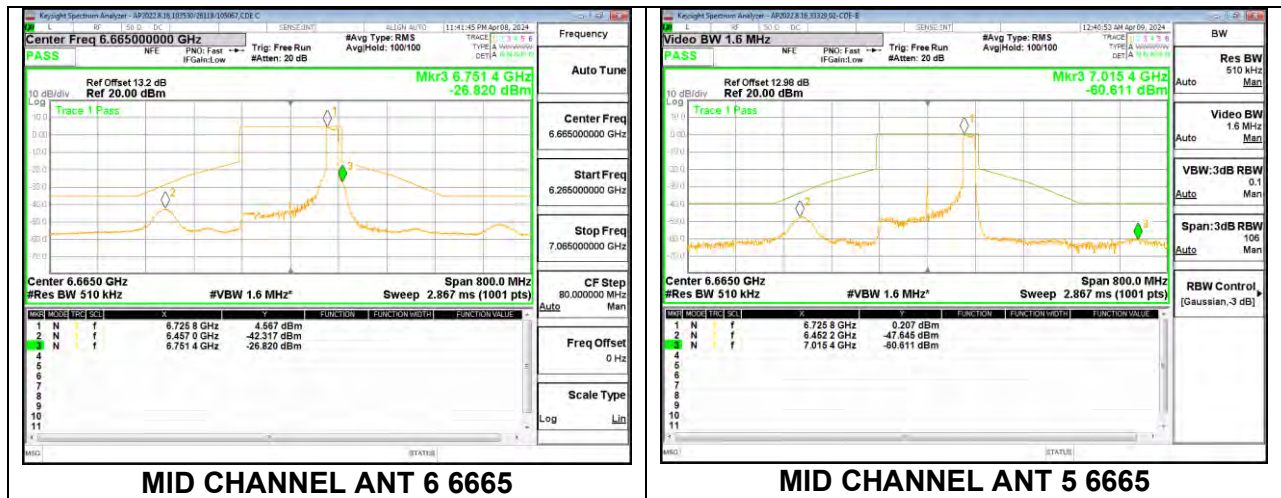
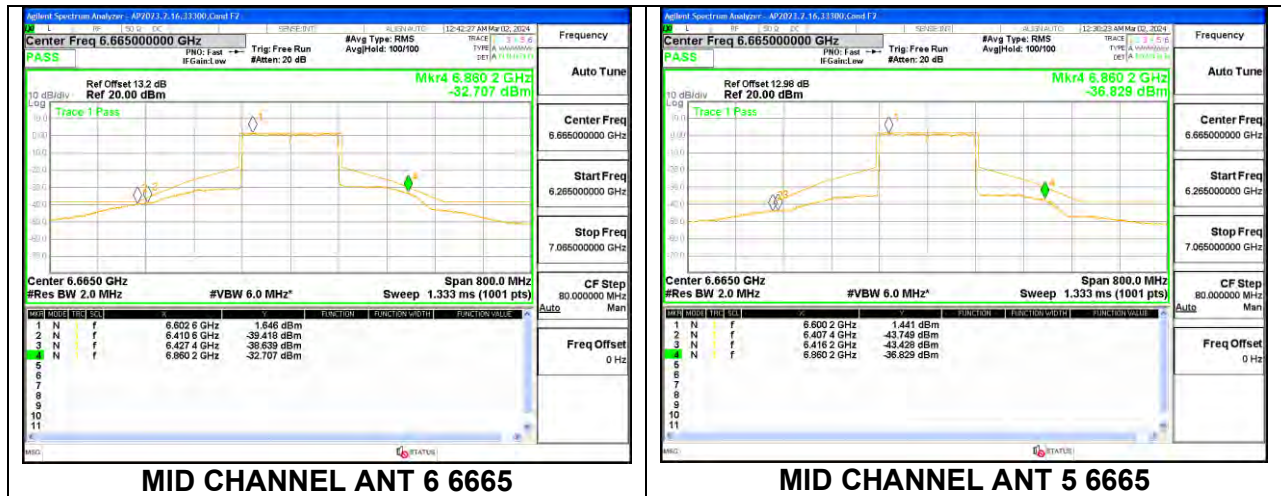
Freq Offset 0 Hz

Channel	Freq	Power	Bandwidth	Resolution Width	Trace On/Off
1	N	f	6.602 E 8 Hz	2.002 dBm	
2	N	f	6.401 E 8 Hz	-43.644 dBm	
3	N	f	6.661 E 8 Hz	-37.662 dBm	
4					
5					
6					
7					
8					
9					
10					
11					

MkC STATUS

MID CHANNEL 6665

2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index 61**2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index 64**

2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index S64**2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – SU Mode**

10. DUAL CLIENT TEST/ CLIENT DEVICE - POWER ADJUSTMENT

LIMITS

FCC §15.407(a) (7), (8)

(7) For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925–6.425 GHz and 6.525–6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

(8) For client devices operating under the control of an indoor access point in the 5.925–7.125 GHz bands, the maximum power spectral density must not exceed –1 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.

TEST PROCEDURE

Per KDB 987594 D02 v02r01 (II) (K) and (II) (L)

(II) (K) . Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP

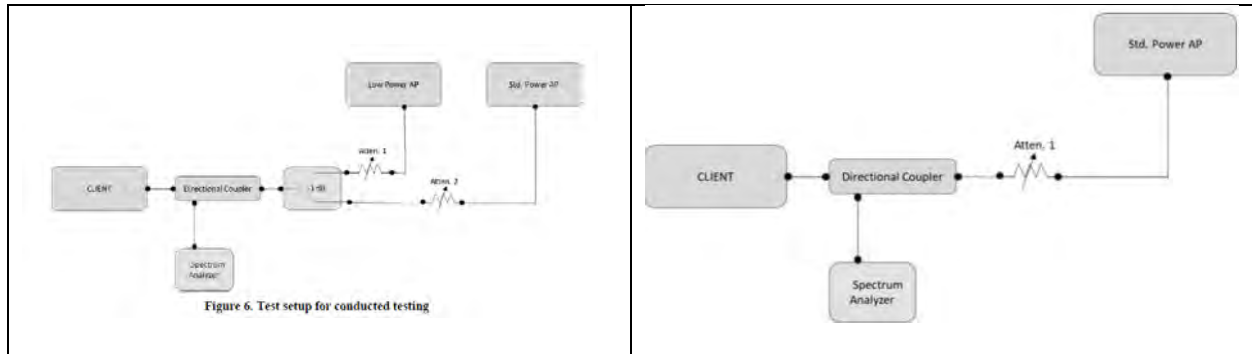
A client device may connect to a Standard Power AP with a maximum power level of 30 dBm EIRP. A client may also connect to a Low Power indoor AP, but the power level is limited to a maximum of 24 dBm EIRP. If a client has the flexibility to connect to both APs, verification is needed to show that it can distinguish between the two configurations, and then control the power levels accordingly.

(II) (L). Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point

A client device that connects to a Standard Power AP must limit its power to a minimum of 6 dB lower than its associated Standard Power access point's authorized transmit power. The term "authorized" means the AFC-approved power level for the AP to use on a particular channel.

SET UP

The following setup was used to meet requirements for sections (II)(K) and (II)(L) for a dual client device. It verifies EUT ability to distinguish between an LPI AP and SP AP and operate at the power level permitted for each.



*Note: A Splitter/combiner was used in place of directional coupler.

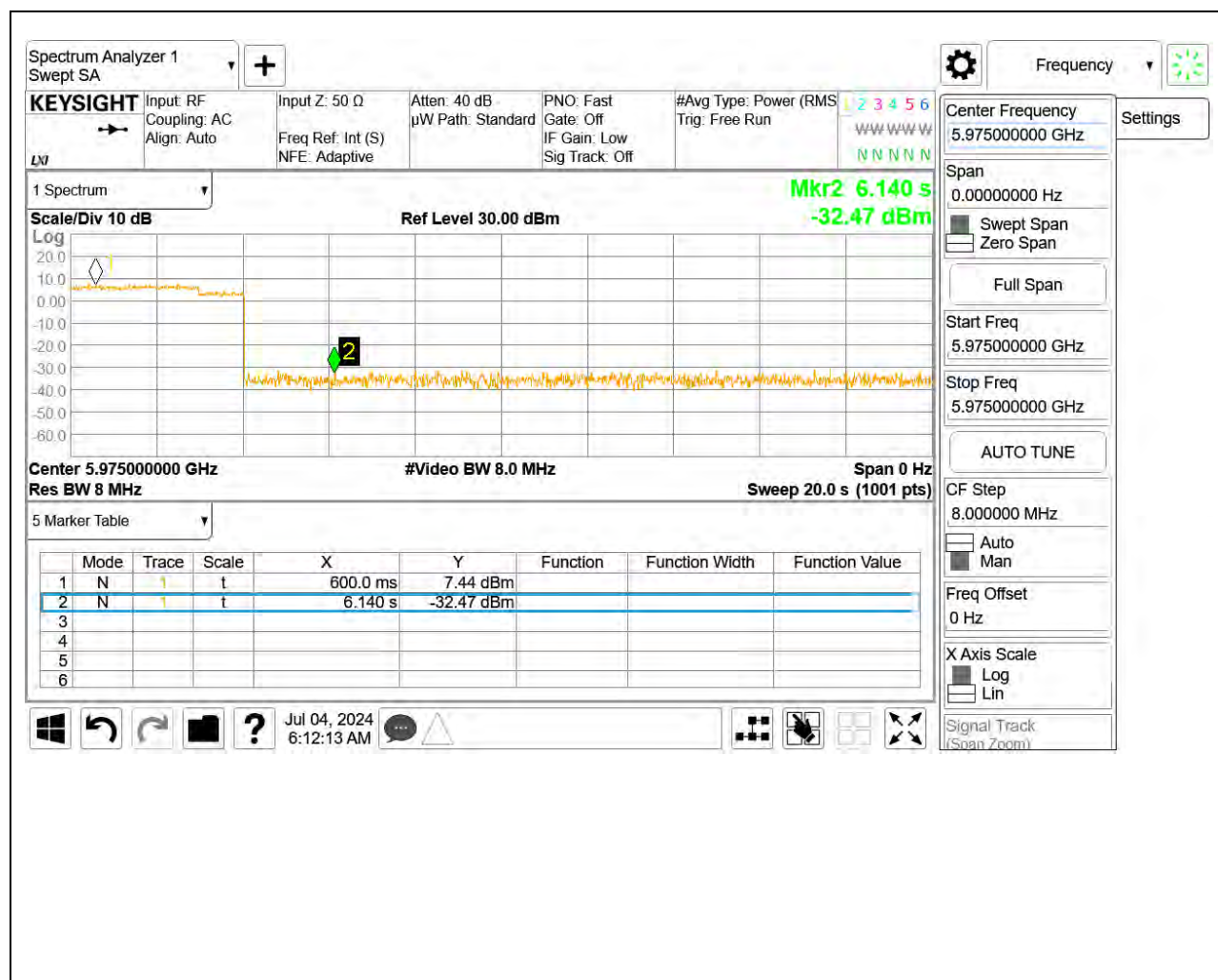
RESULTS FOR DUAL CLIENT TEST

Tested By:	GA 12485
Date:	2024-07-03

EUT Frequency (MHz)	AFC Authorized EIRP Power for AP (dBm)	Dual Client MIMO EIRP (dBm)	Results (Pass/Fail) (EUT-AFC Authorized AP Power <= -6dB)
5975	36	15.29	Pass
	28	14.98	Pass
	21	11.23	Pass

Table above shows dual client power levels operate at least 6dB lower than the authorized SP AP power level.

The client power level when connected to the SP AP (15.29dBm maximum, see table above) was below the maximum power allowed for a LPI client (24dBm EIRP). The following plot clearly shows that the client device dropped power when switching from SP (Mark 1) to LPI (Mark 2) networks and therefore it meets the (II) (K), Dual Client Test.



11. SETUP PHOTOS

Refer to 14982484-EP1V1 FCC IC Setup_Photo for setup photos.

END OF TEST REPORT