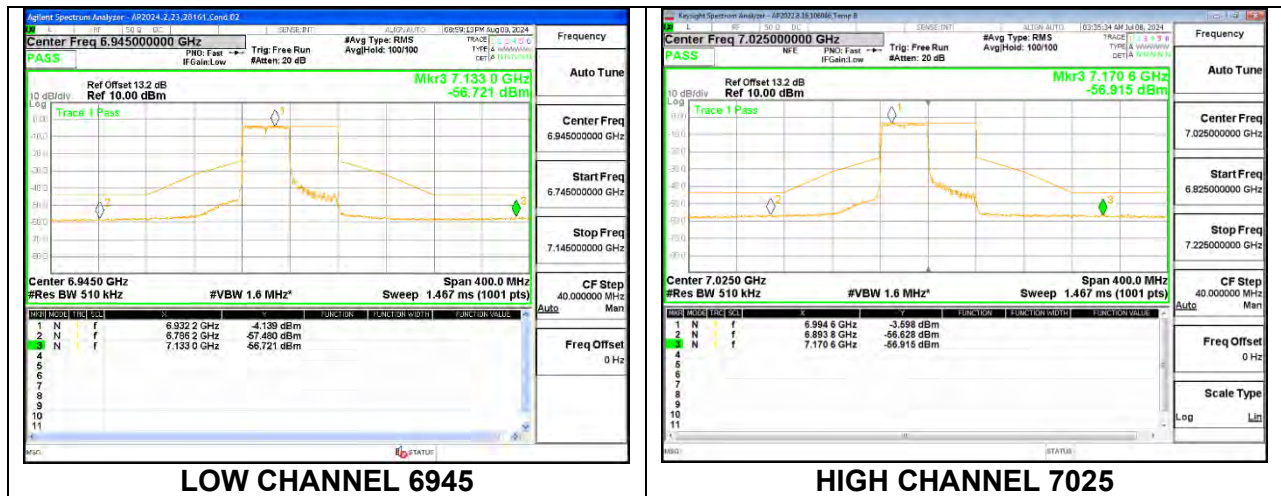
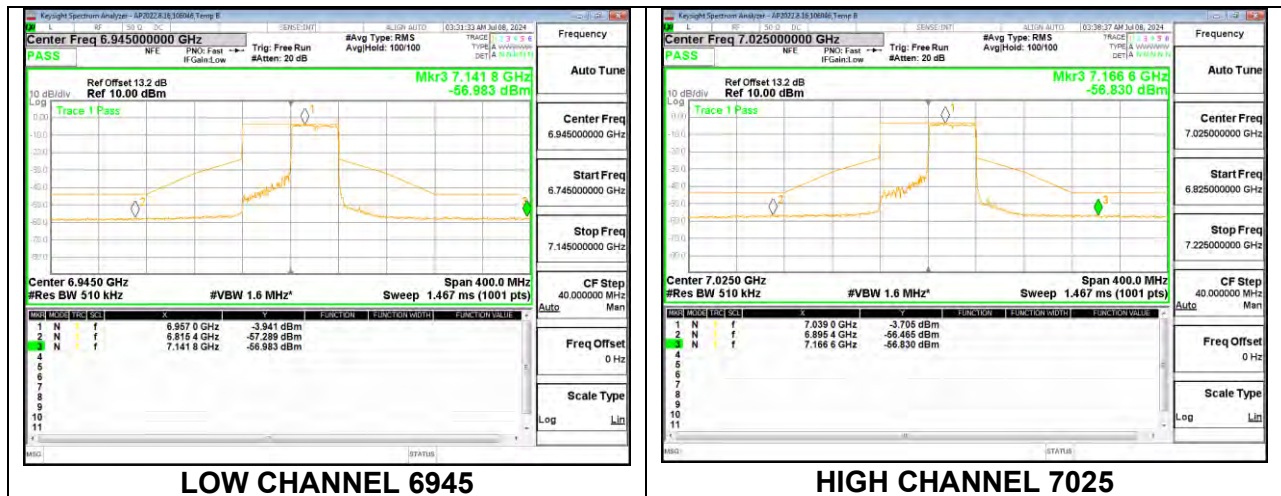
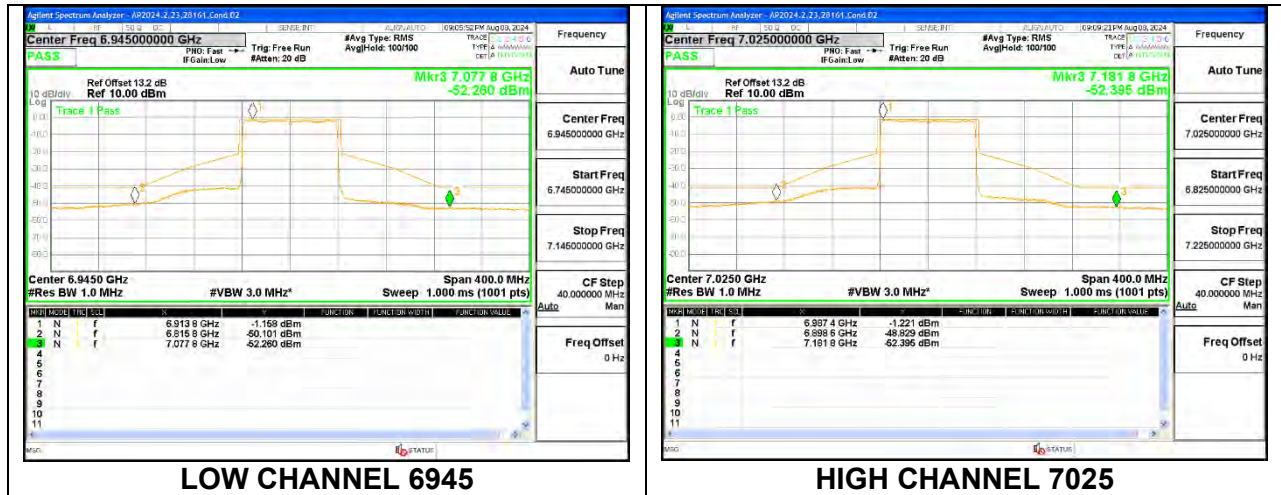
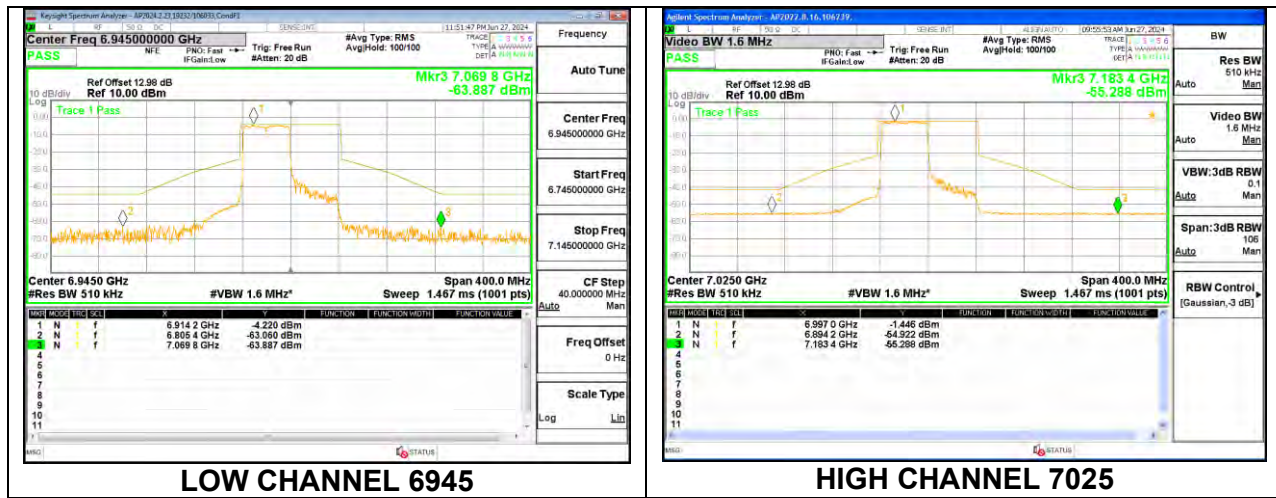
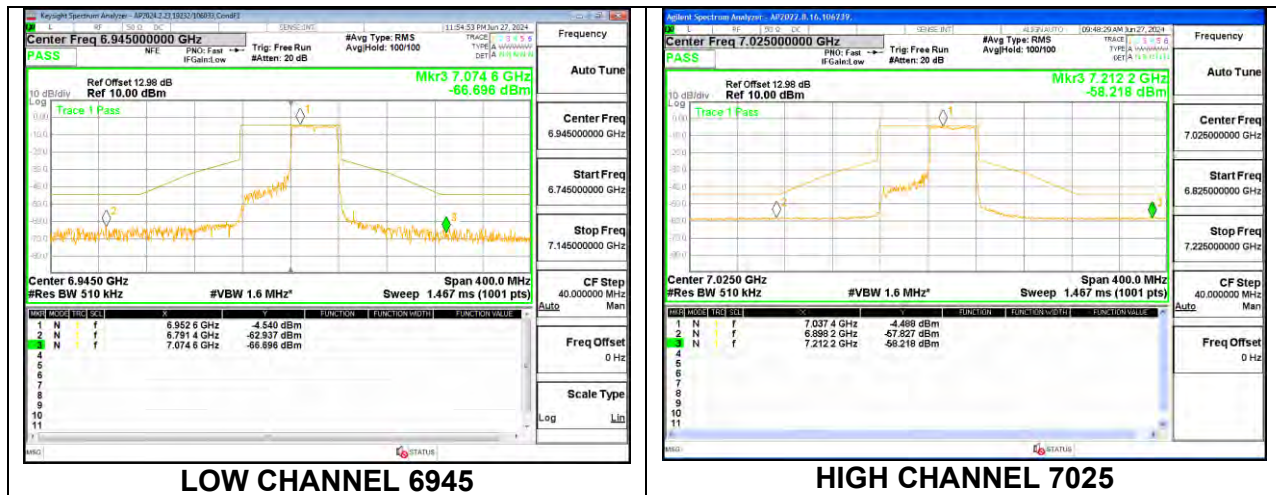
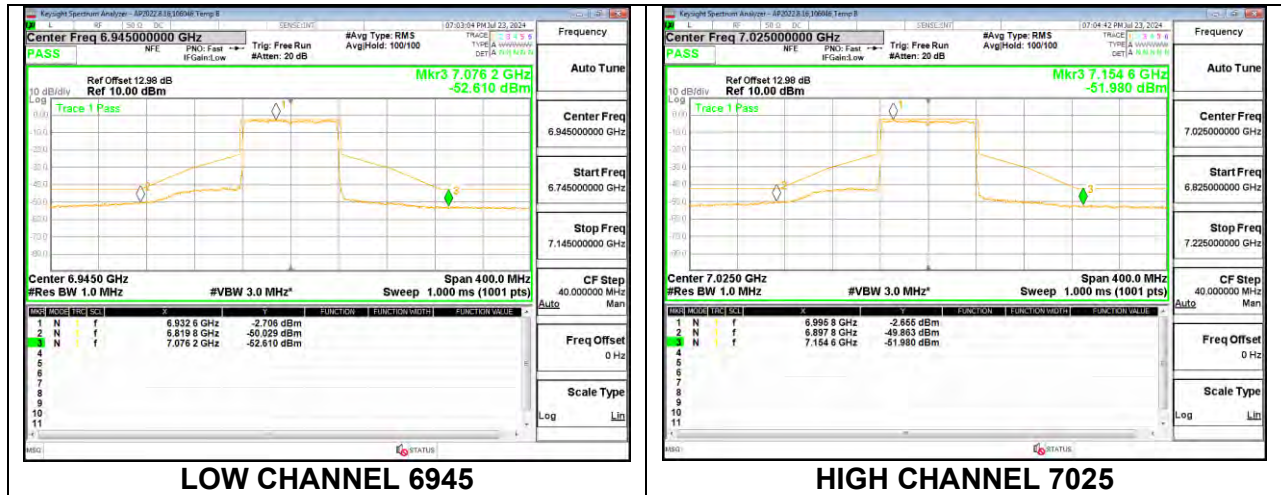
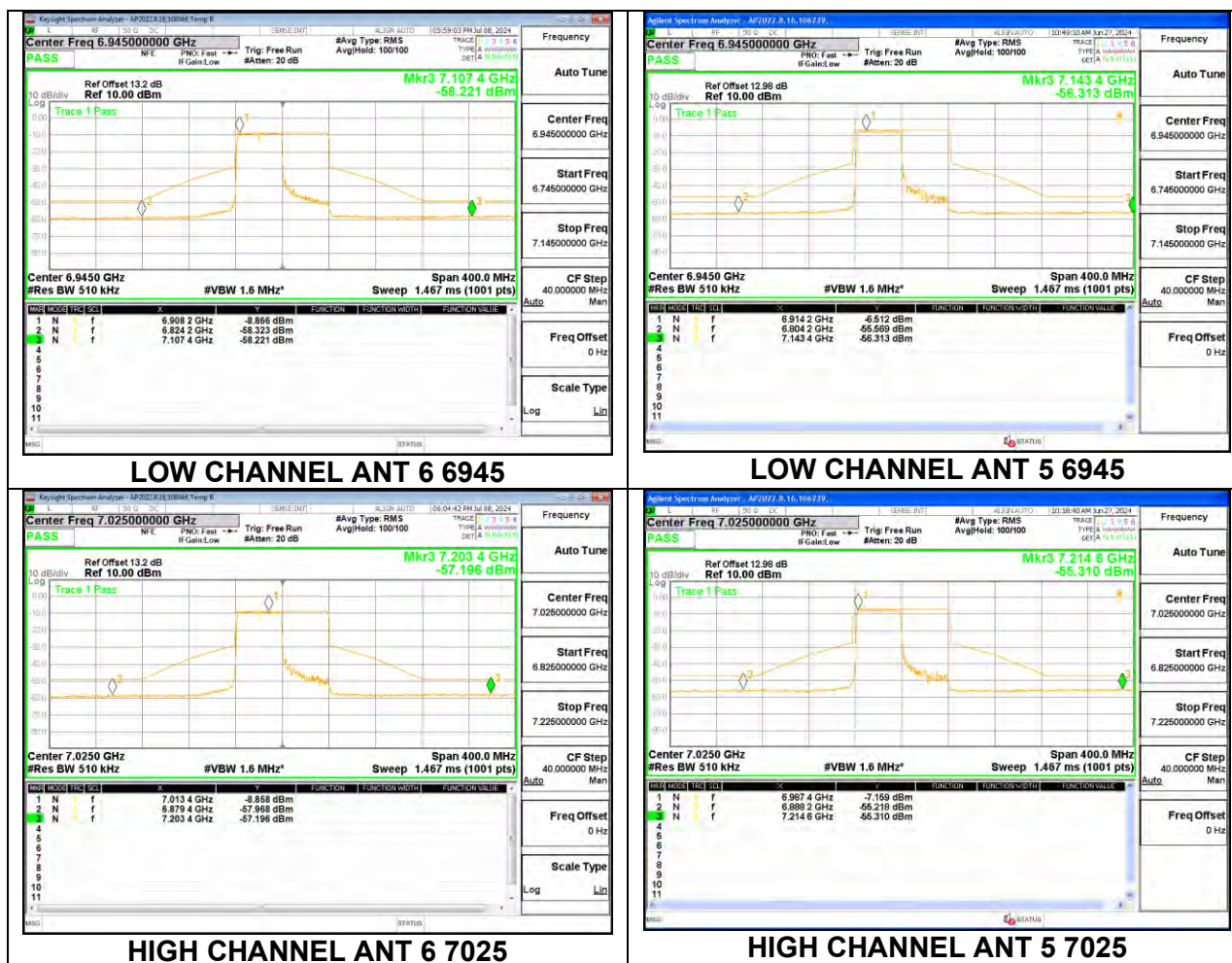


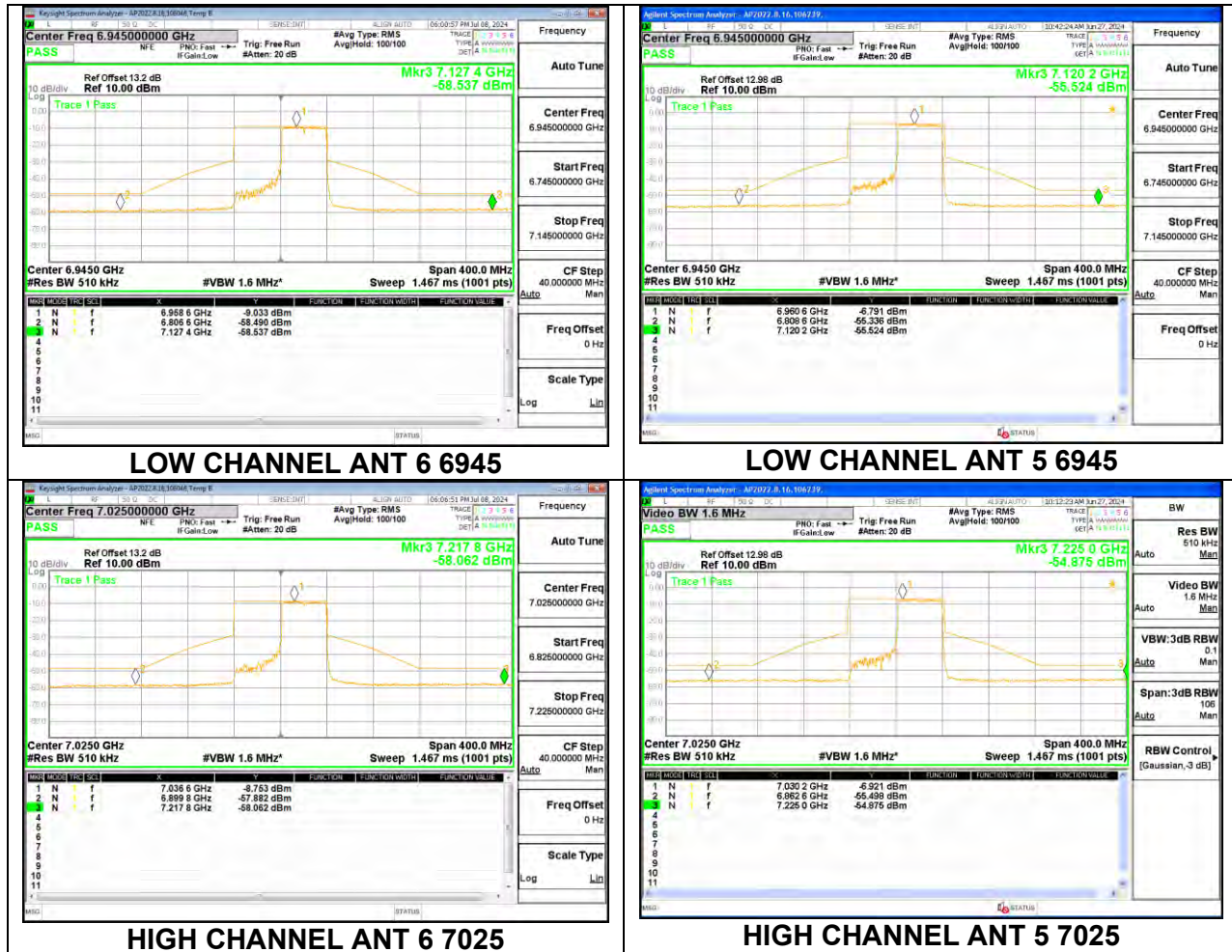
9.6.15. 802.11be EHT80 MODE IN THE UNII-8 BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 484-Tones, RU Index 65****1TX Antenna 6 MODE (FCC+IC) MOBILE – 484-Tones, RU Index S66**

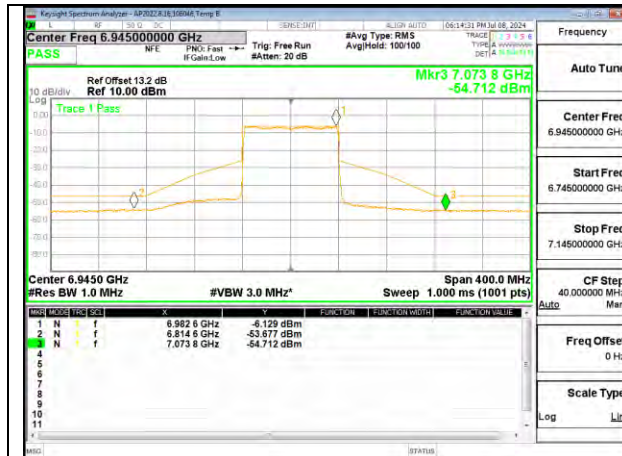
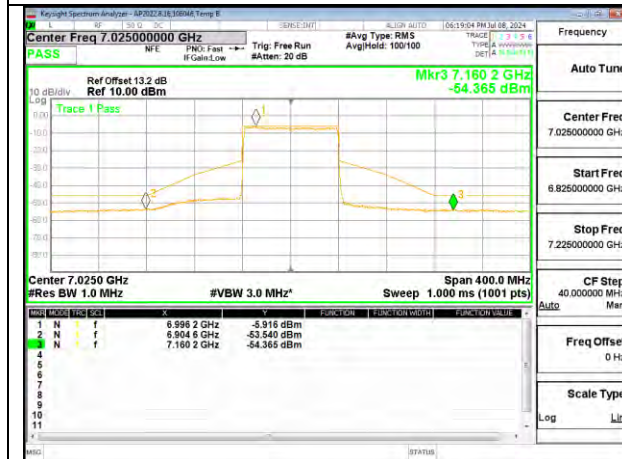
1TX Antenna 6 MODE (FCC+IC) MOBILE – SU MODE

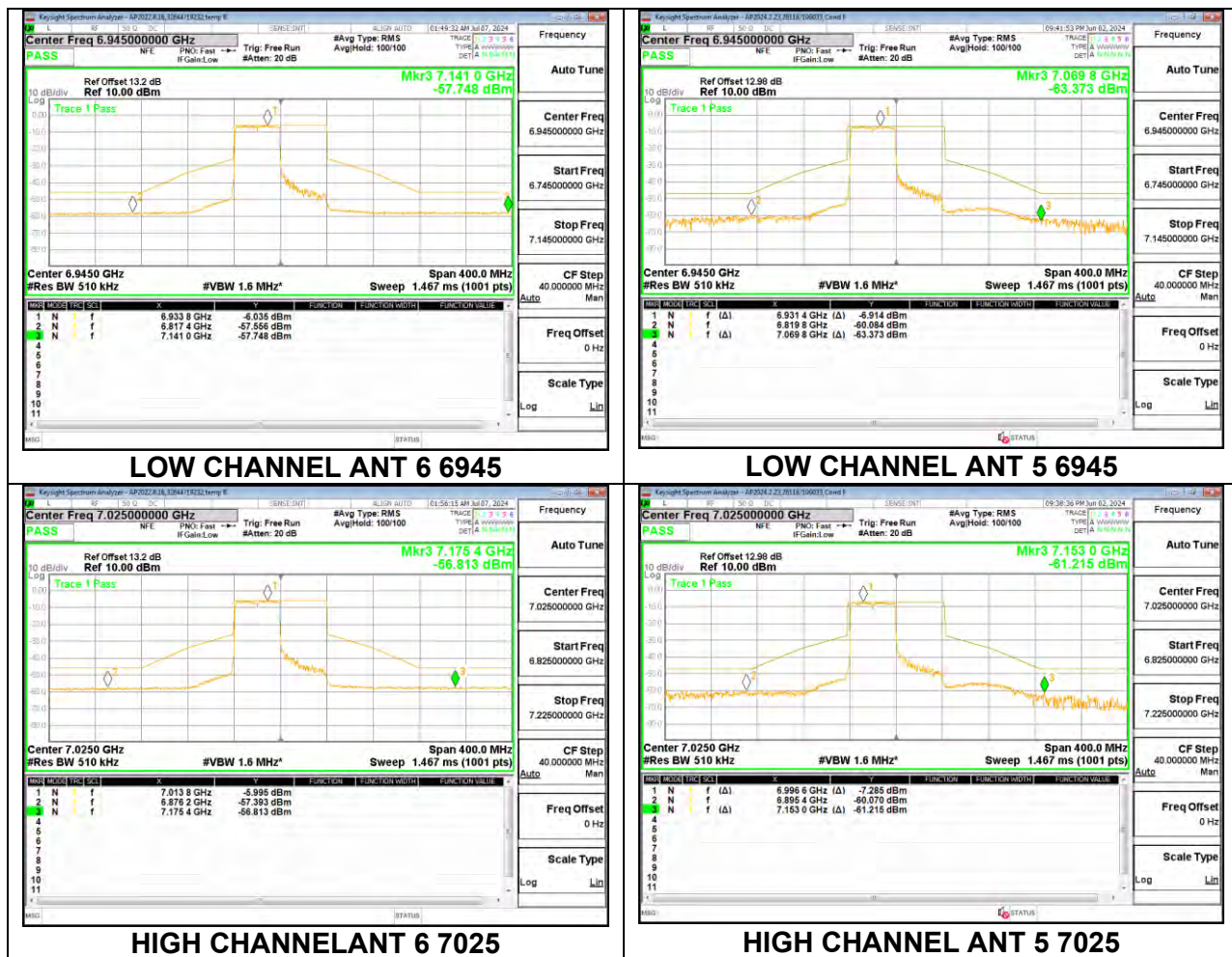
1TX Antenna 5 MODE (FCC+IC) MOBILE – 484-Tones, RU Index 65**1TX Antenna 5 MODE (FCC+IC) MOBILE – 484-Tones, RU Index S66**

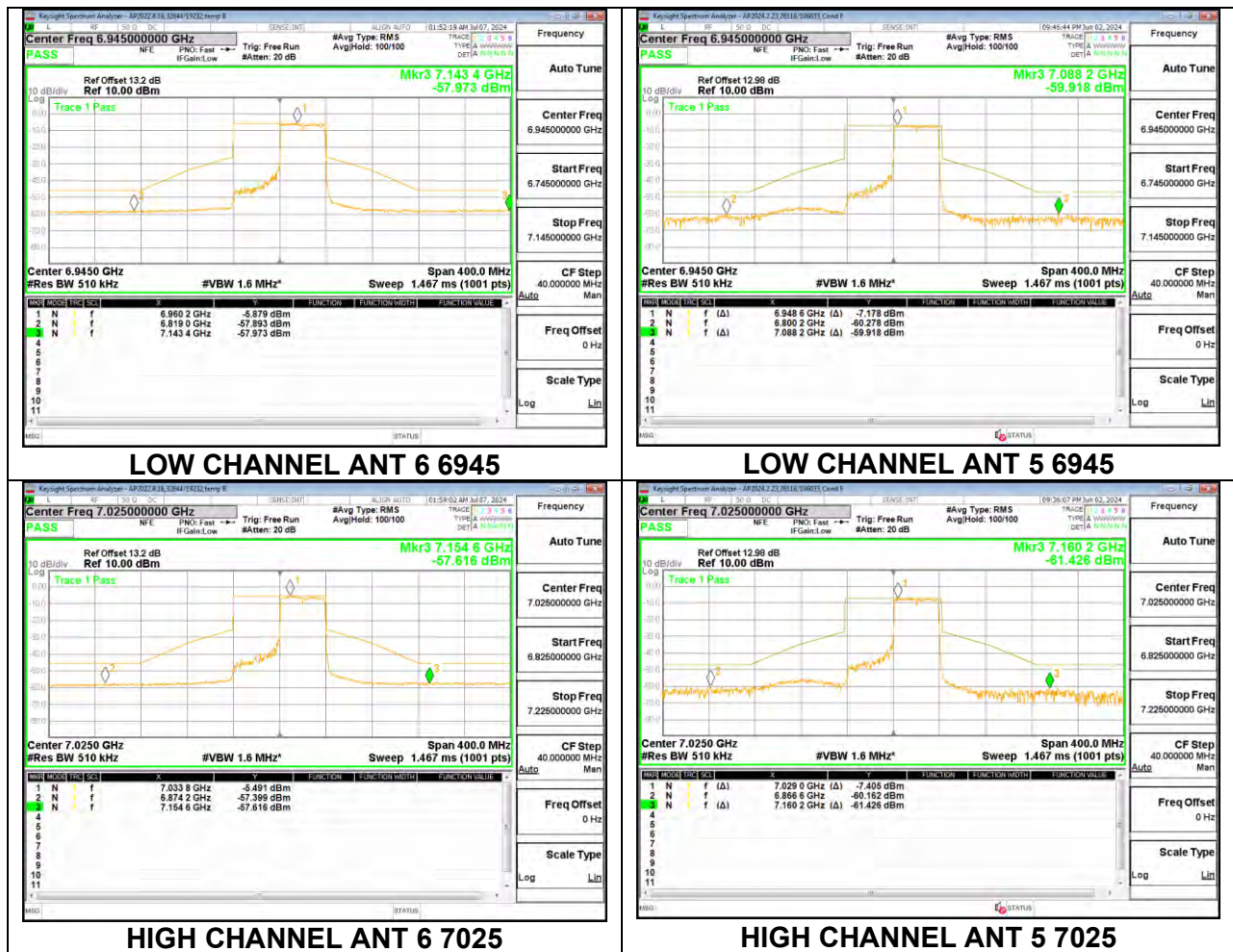
1TX Antenna 5 MODE (FCC+IC) MOBILE – SU MODE

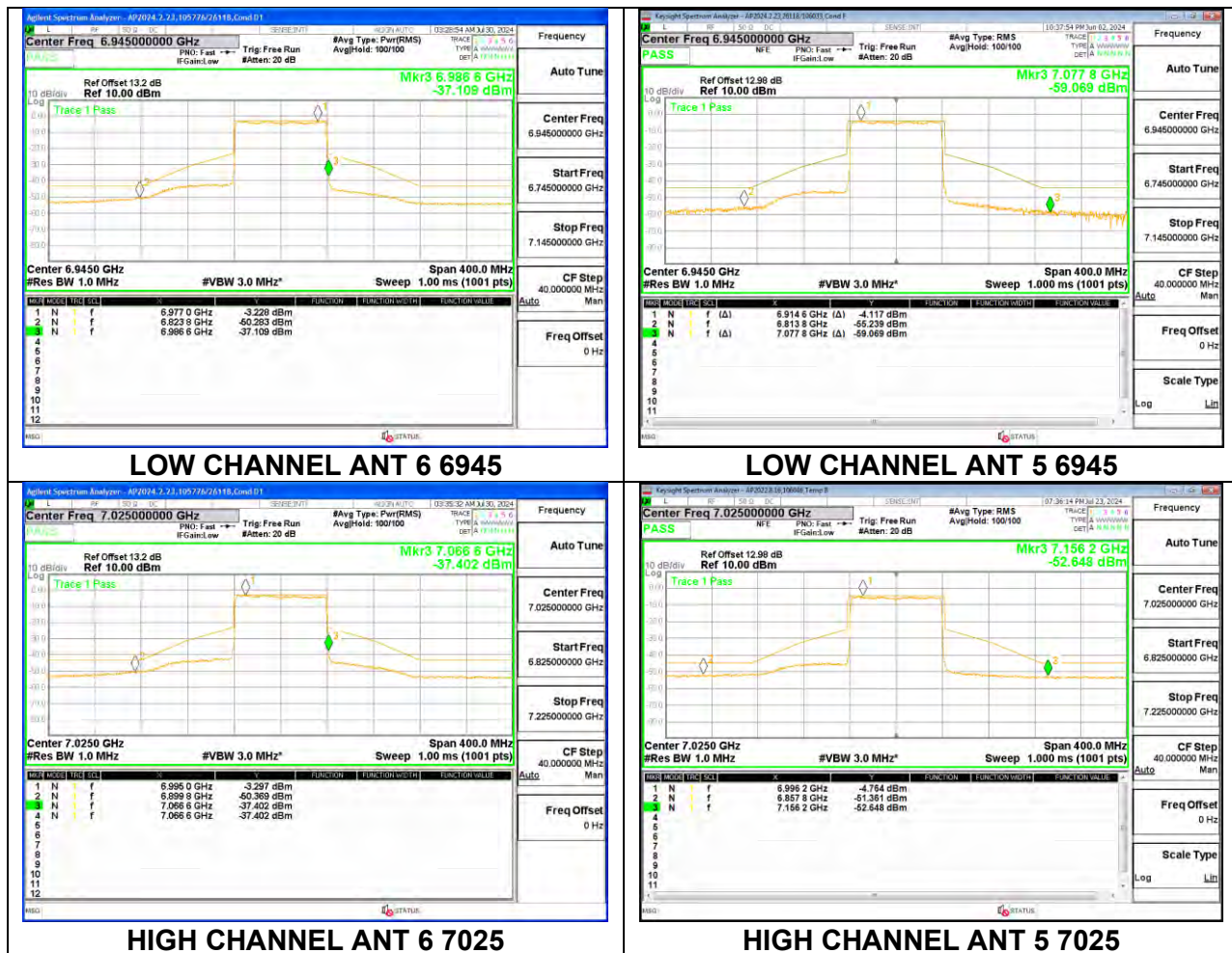
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 484-Tones, RU Index 65

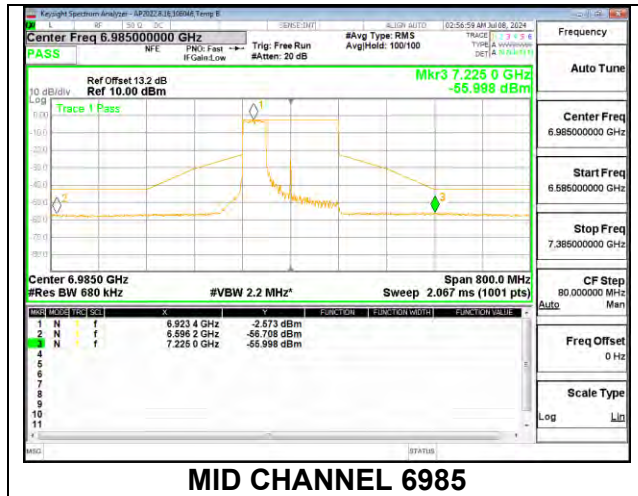
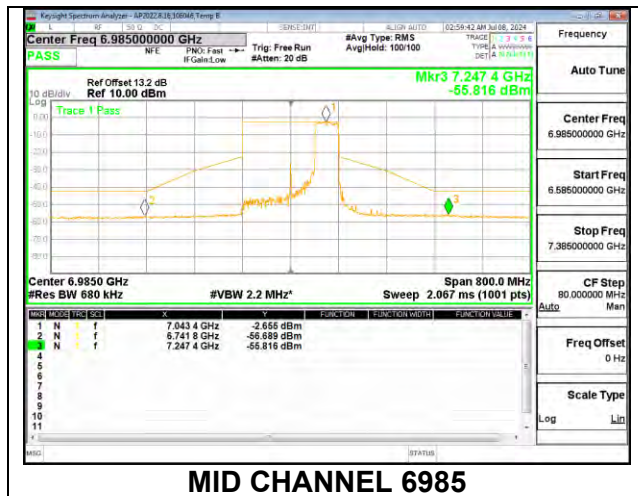
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 484-Tones, RU Index S66

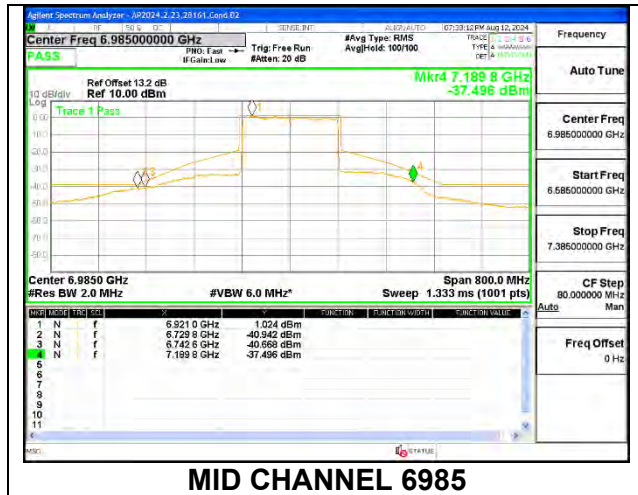
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – SU Mode**LOW CHANNEL ANT 6 6945****LOW CHANNEL ANT 5 6945****HIGH CHANNEL ANT 6 7025****HIGH CHANNEL ANT 5 7025**

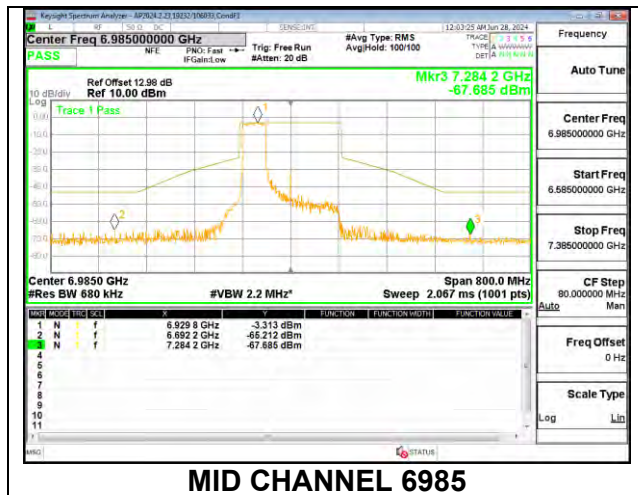
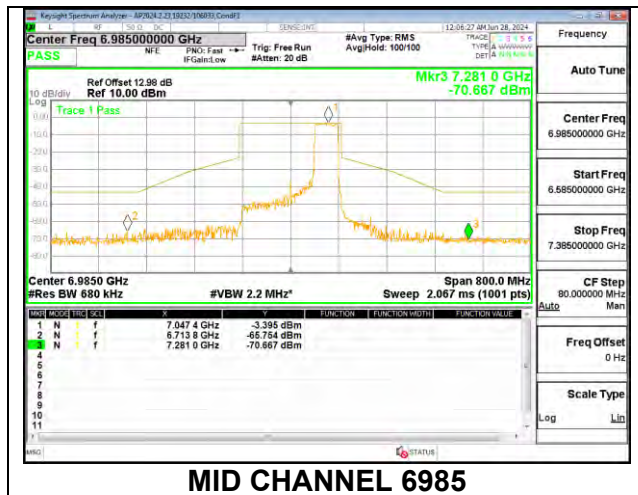
2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 484-Tones, RU Index 65

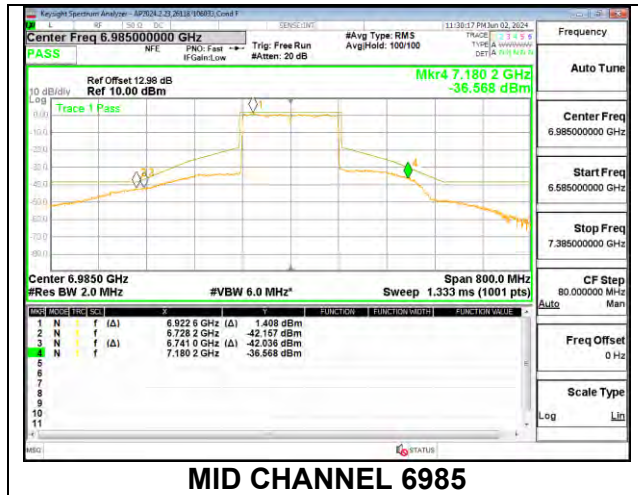
2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 484-Tones, RU Index S66

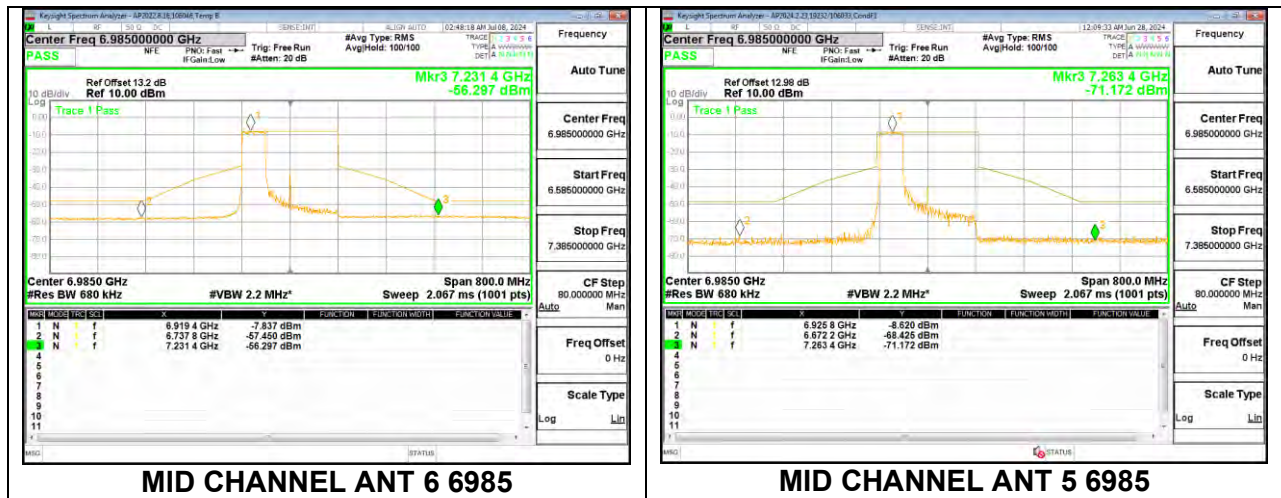
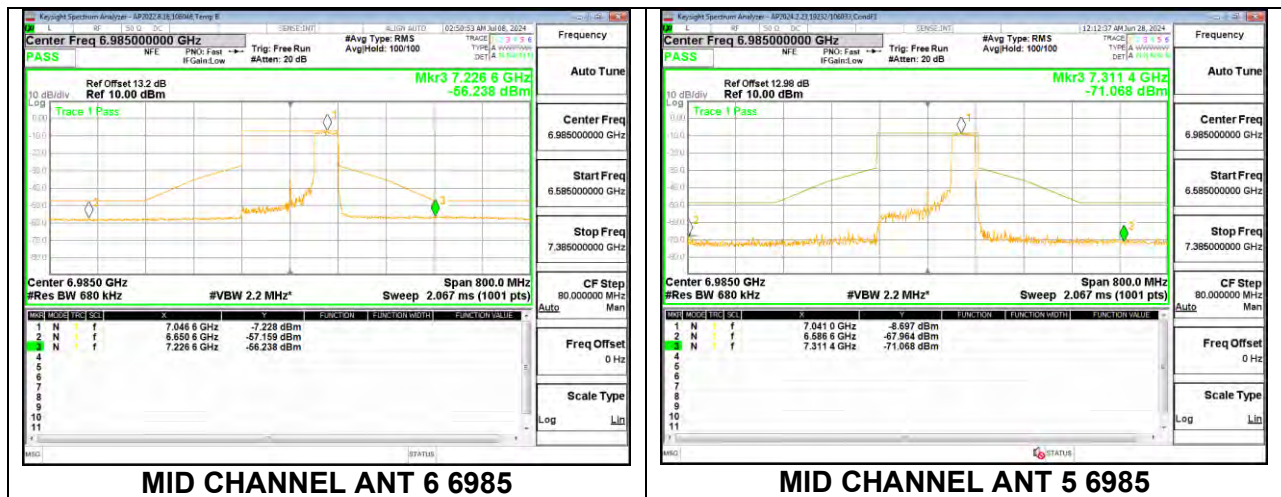
2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – SU Mode

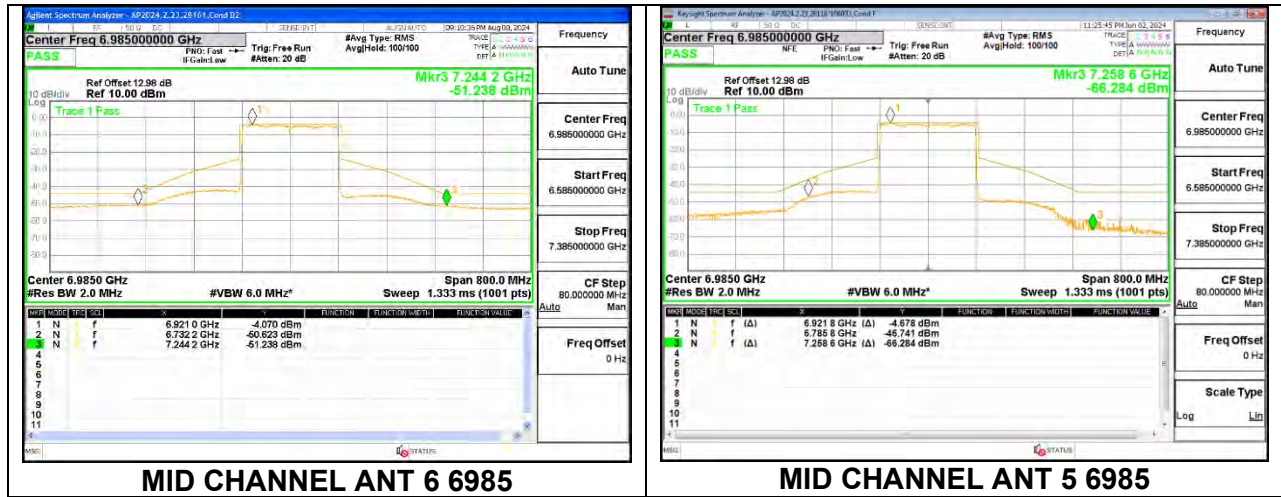
9.6.16. 802.11be EHT160 MODE IN THE UNII-8 BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 484-Tones, RU Index 65****1TX Antenna 6 MODE (FCC+IC) MOBILE – 484-Tones, RU Index S66**

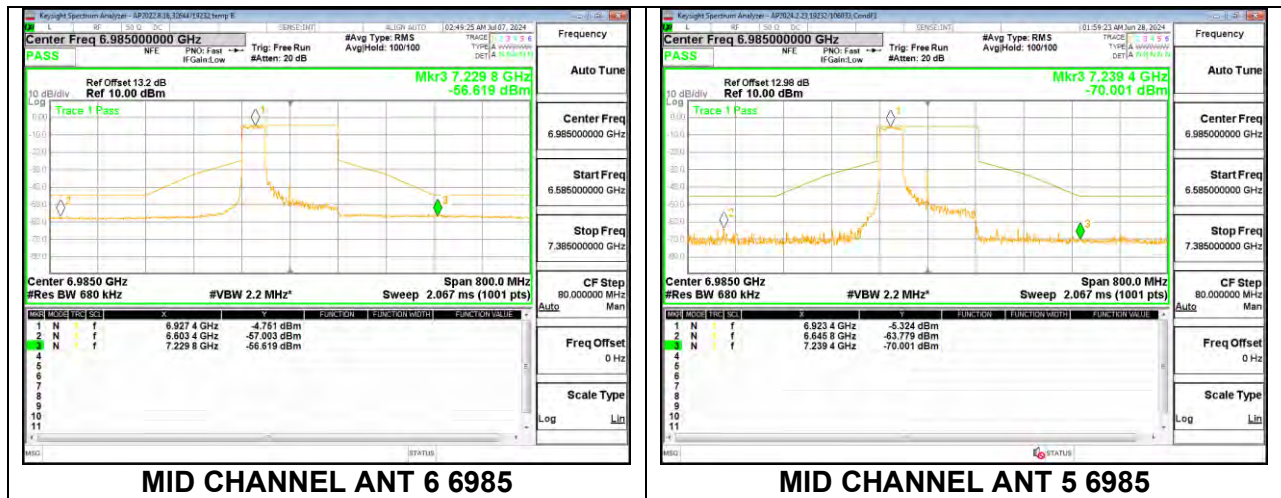
1TX Antenna 6 MODE (FCC+IC) MOBILE – SU MODE

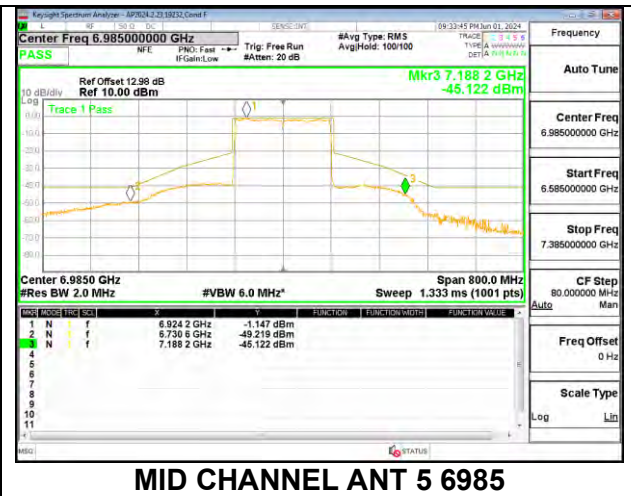
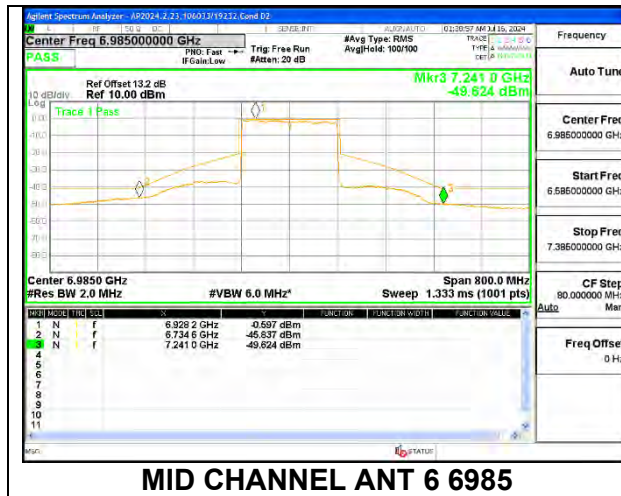
1TX Antenna 5 MODE (FCC+IC) MOBILE – 484-Tones, RU Index 65**1TX Antenna 5 MODE (FCC+IC) MOBILE – 484-Tones, RU Index S66**

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

2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 484-Tones, RU Index 65**2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 484-Tones, RU Index S66**

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

2TX Antenna 6 + Antenna 5 SDM MODE (FCC + IC) – 484-Tones, RU Index 65**2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 484-Tones, RU Index S66**

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

9.7. SP SPURIOUS EMISSIONS IN-BAND – EMISSION MASK

LIMITS

FCC §15.407

(b)(7) For transmitters operating within the 5.925-7.125 GHz bands: power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

TEST PROCEDURE

Follow KCB 987594 D02 v01r01, Section II-J, RBW & VBW settings were based on 26dB bandwidth test settings. Only partial RU tone for all bandwidths, the RBW & VBW settings were used equal or greater than 26dB bandwidth test settings.

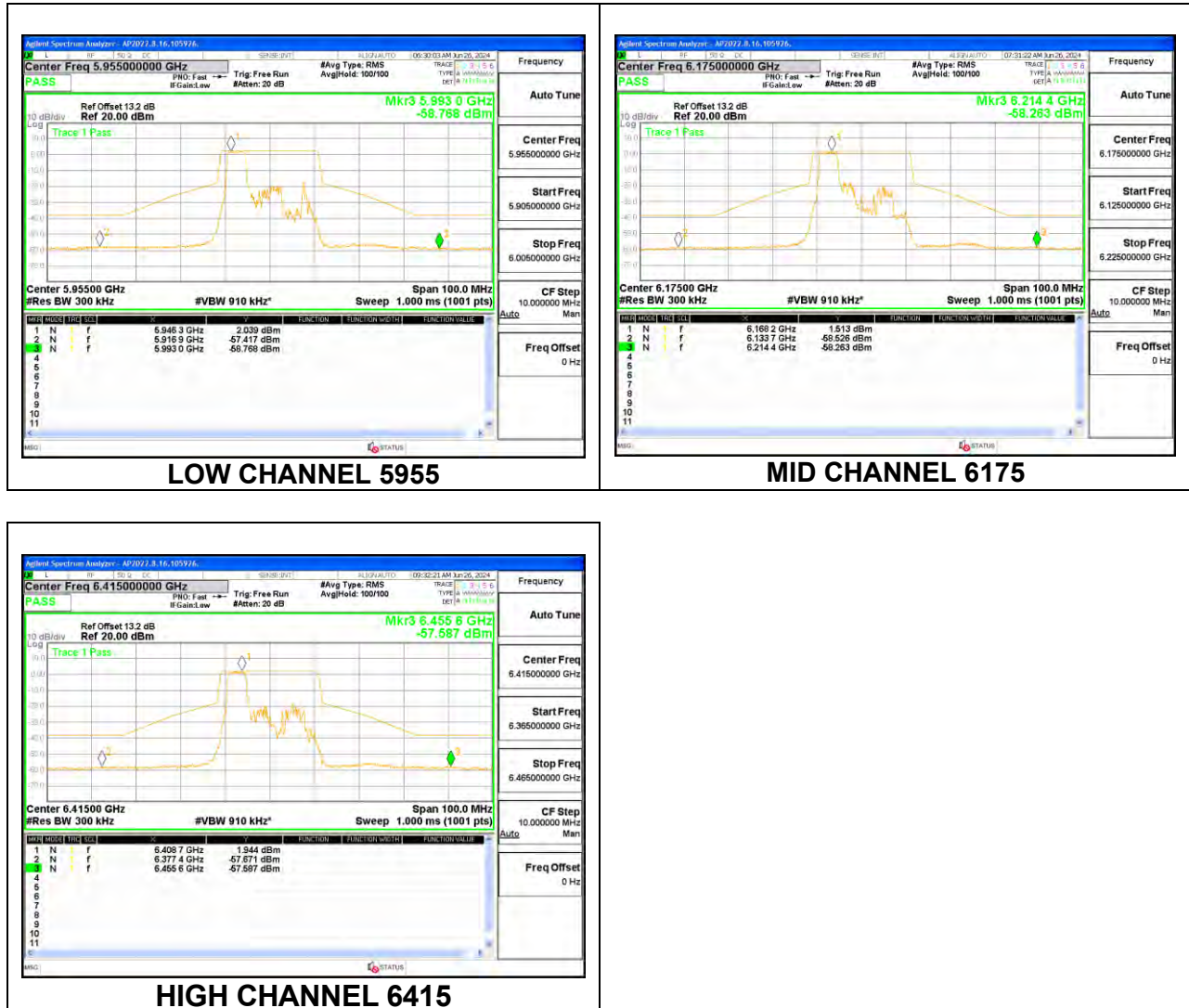
Band	Tones	20MHz	40MHz	80MHz	160MHz
UNII-5	Partial RU	300kHz/910kHz	510kHz/1.6MHz	510kHz/1.6MHz	510kHz/1.6MHz
	SU	300kHz/910kHz	510kHz/1.6MHz	1MHz/3MHz	2MHz/6MHz
UNII-7	Partial RU	300kHz/910kHz	510kHz/1.6MHz	510kHz/1.6MHz	510kHz/1.6MHz
	SU	300kHz/910kHz	510kHz/1.6MHz	1MHz/3MHz	2MHz/6MHz

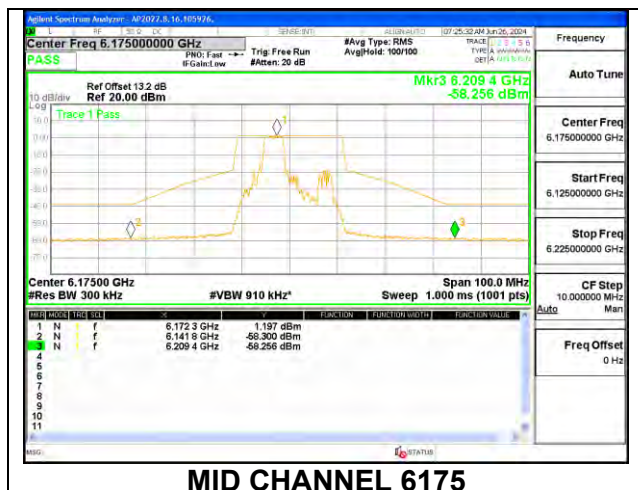
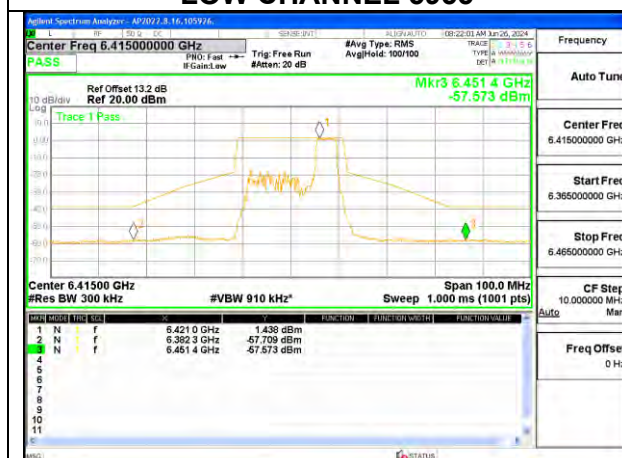
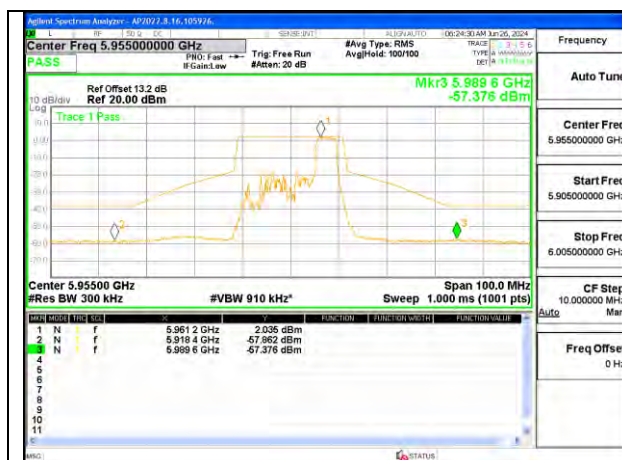
RESULTS

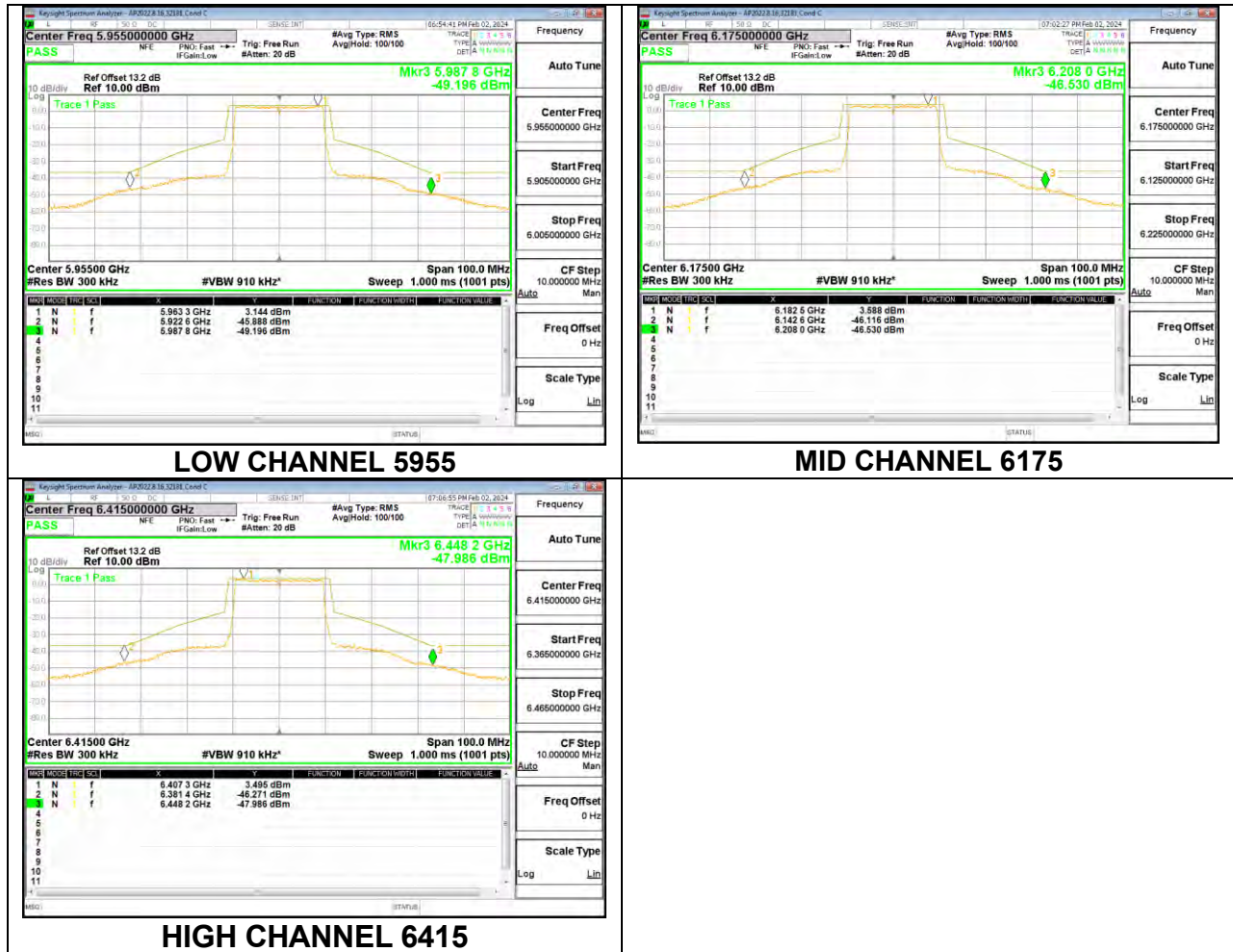
For mask and bandwidth measurements partial RU allocations are tested with the RUs allocated at the lower and upper positions within the channel for the low mid and high channels in each band. Additionally, the center channel is also tested with the RU allocated in the center of the channel to verify that the low / high RU allocations are worst case.

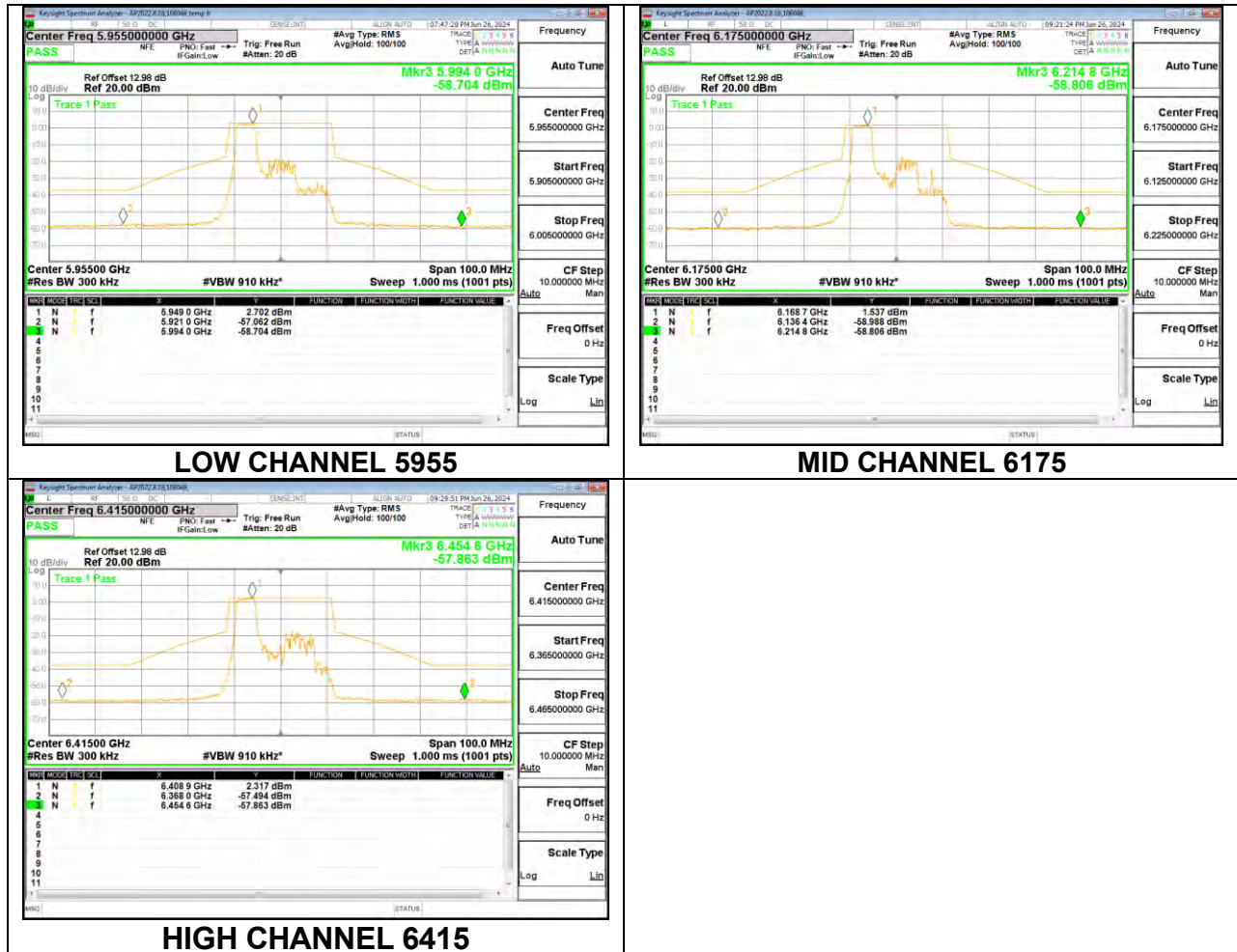
9.7.1. 802.11be EHT20 MODE IN THE UNII-5 BAND

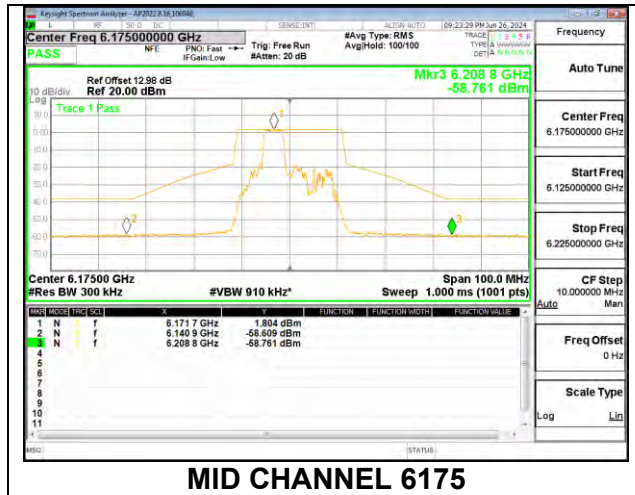
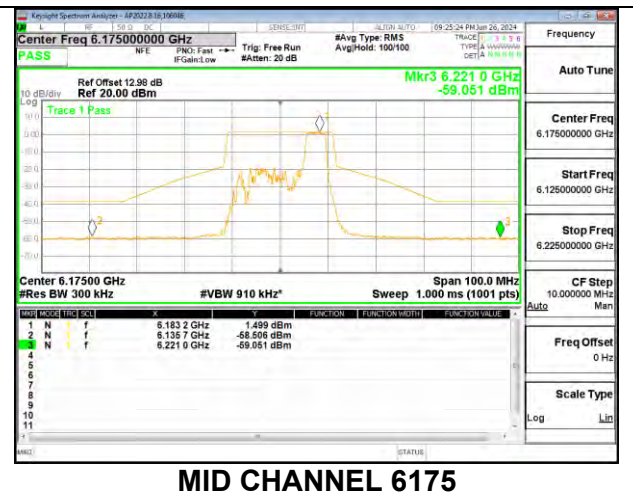
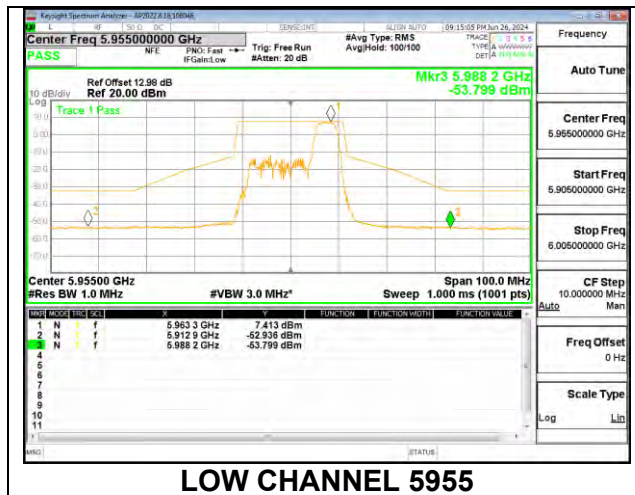
1TX Antenna 6 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 37

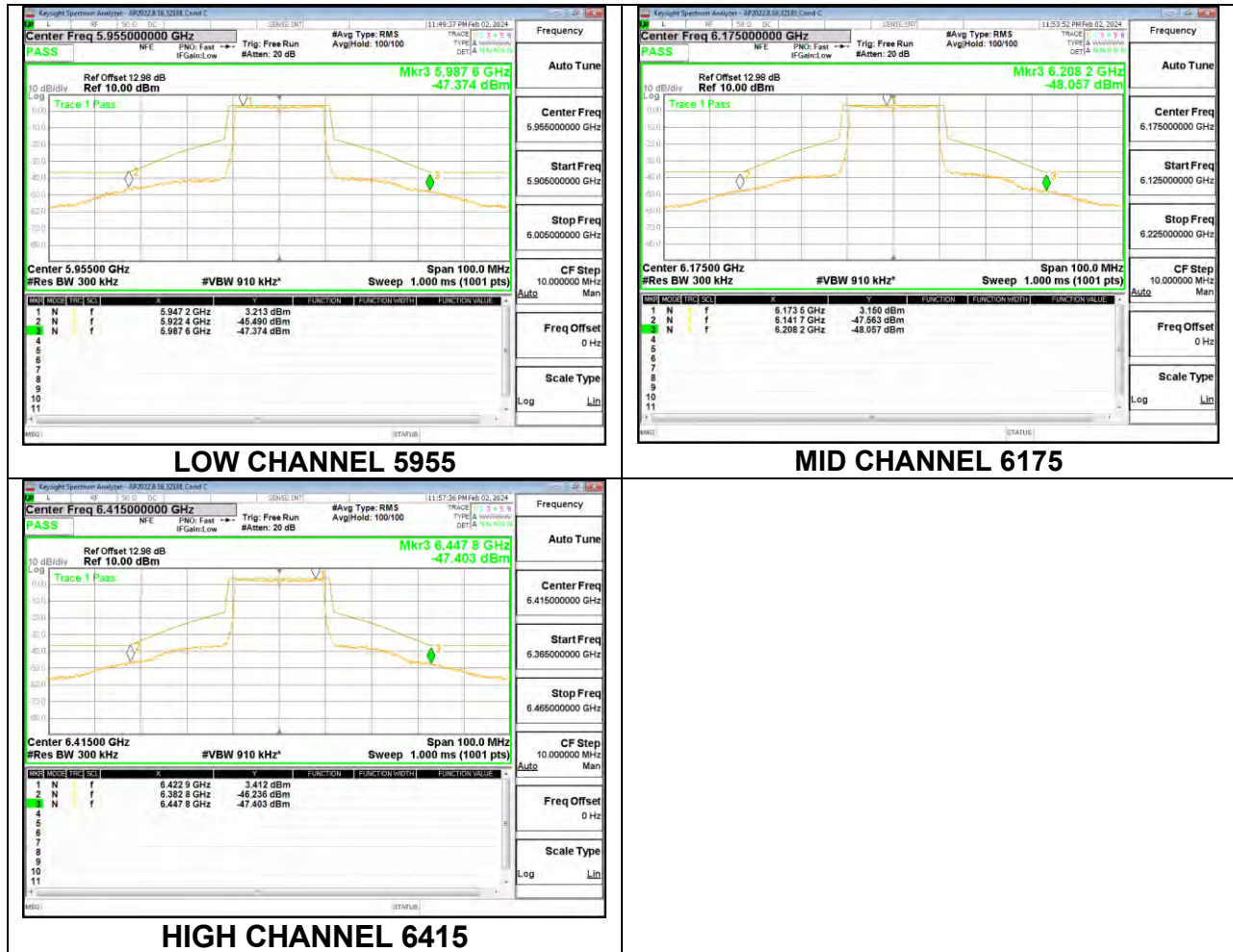


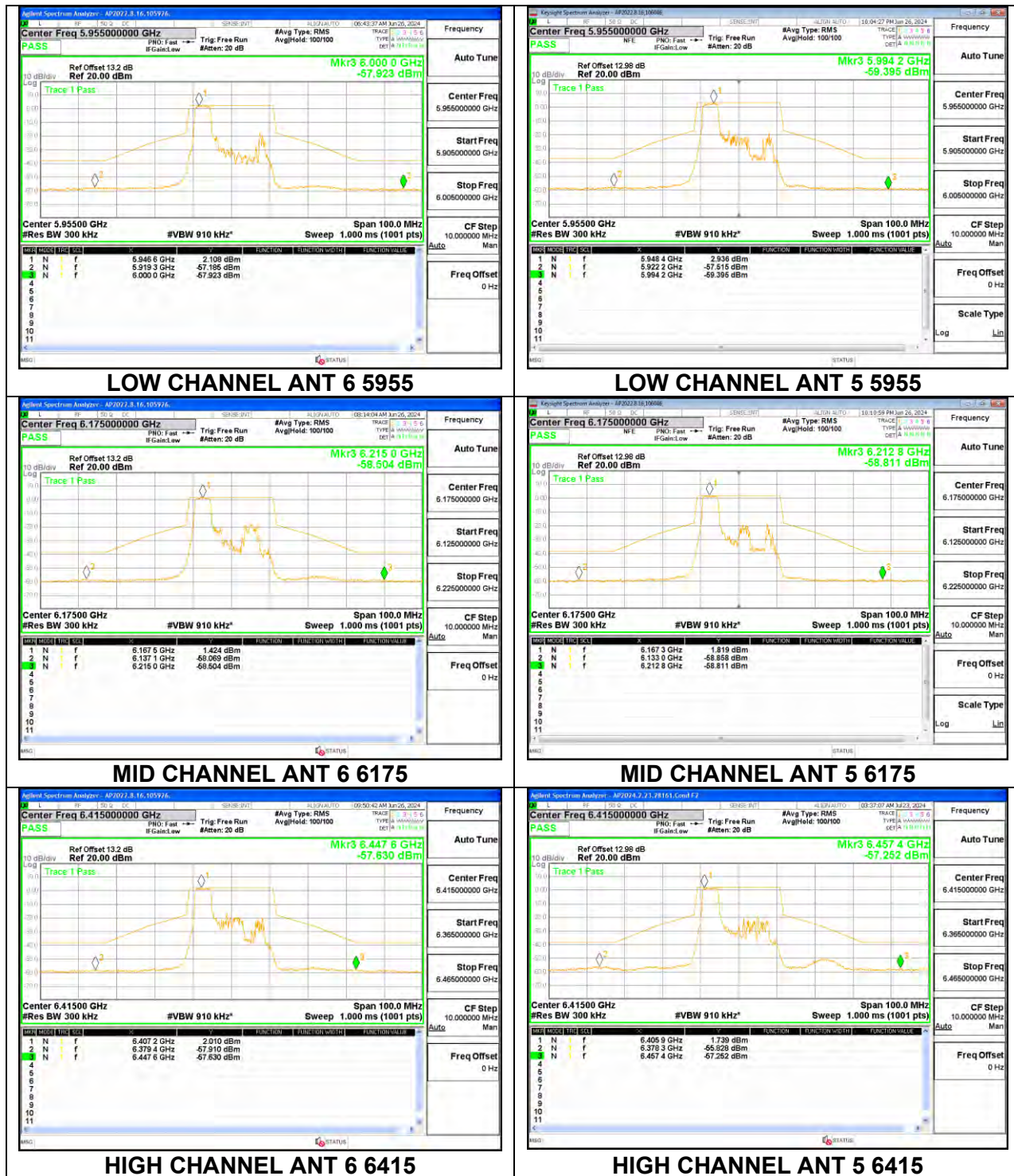
1TX Antenna 6 MODE (FCC+IC) MOBILE – 52-Tones, RU Index38**1TX Antenna 6 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 40**

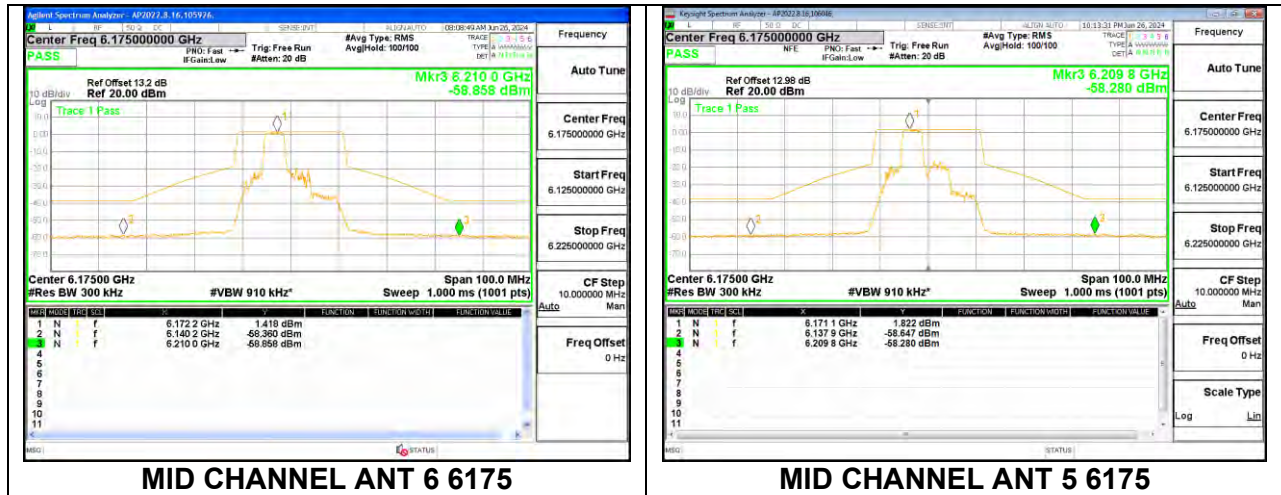
1TX Antenna 6 MODE (FCC+IC) MOBILE – SU MODE

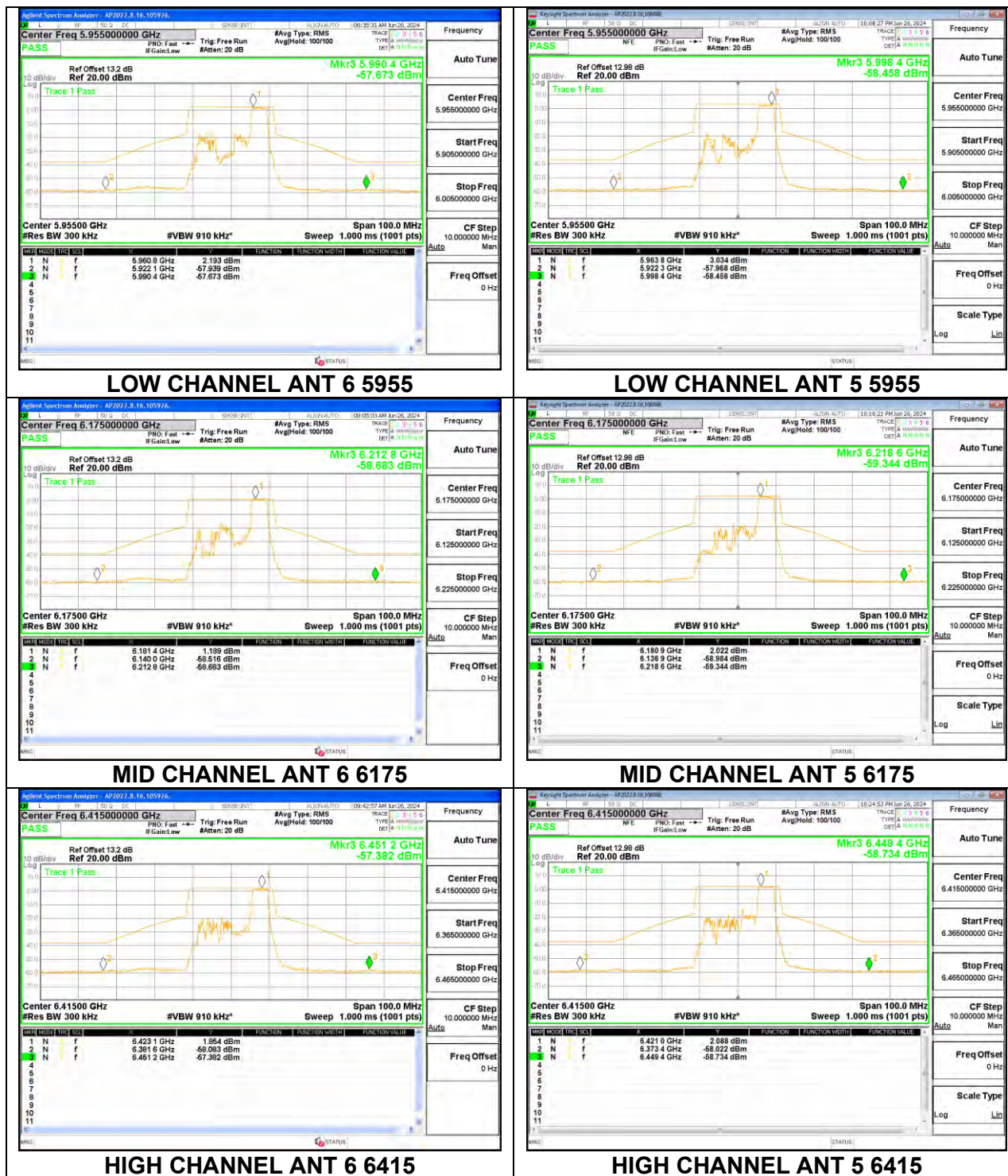
1TX Antenna 5 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 37

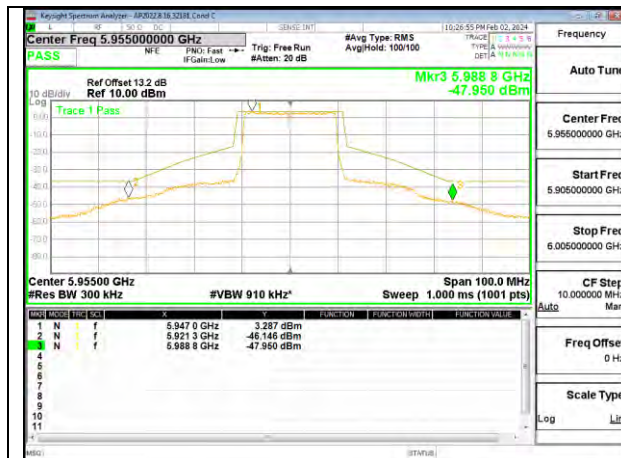
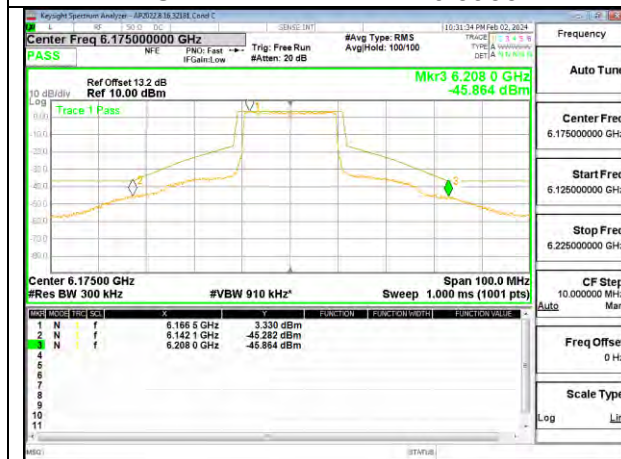
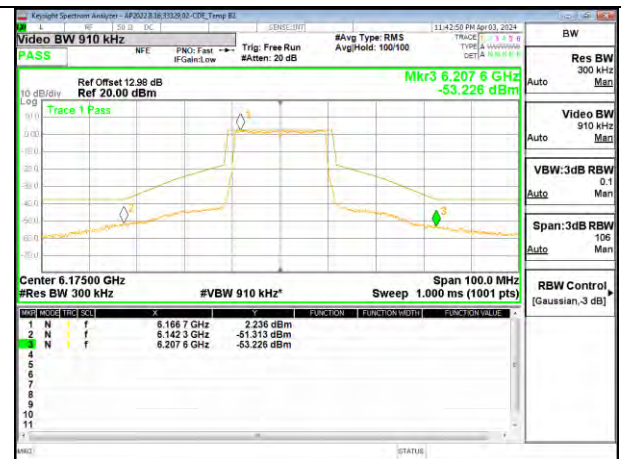
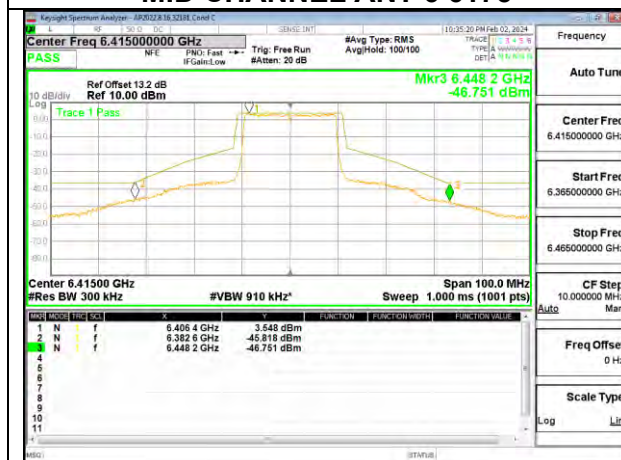
1TX Antenna 5 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 38**1TX Antenna 5 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 40**

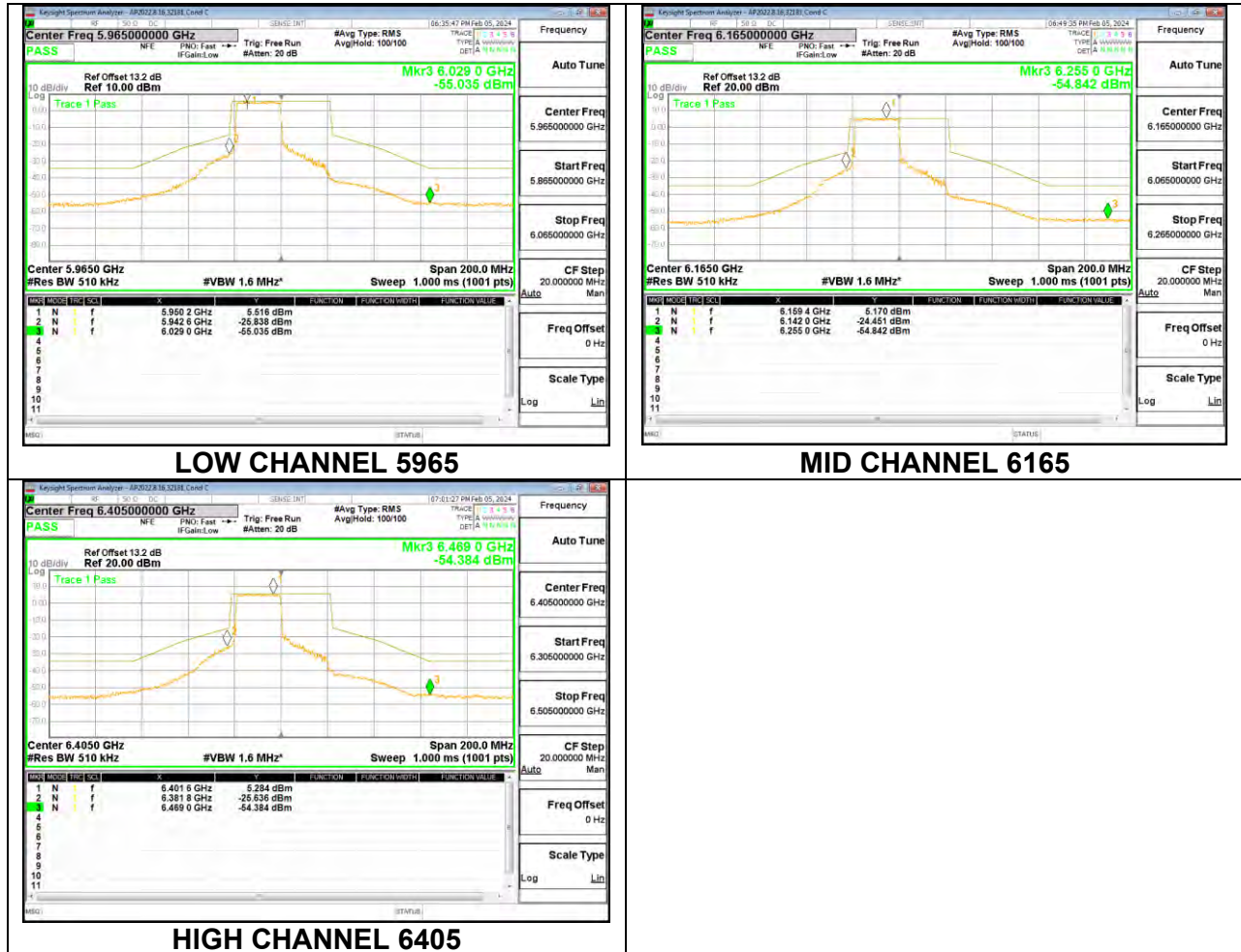
1TX Antenna 5 MODE (FCC+IC) MOBILE – SU MODE

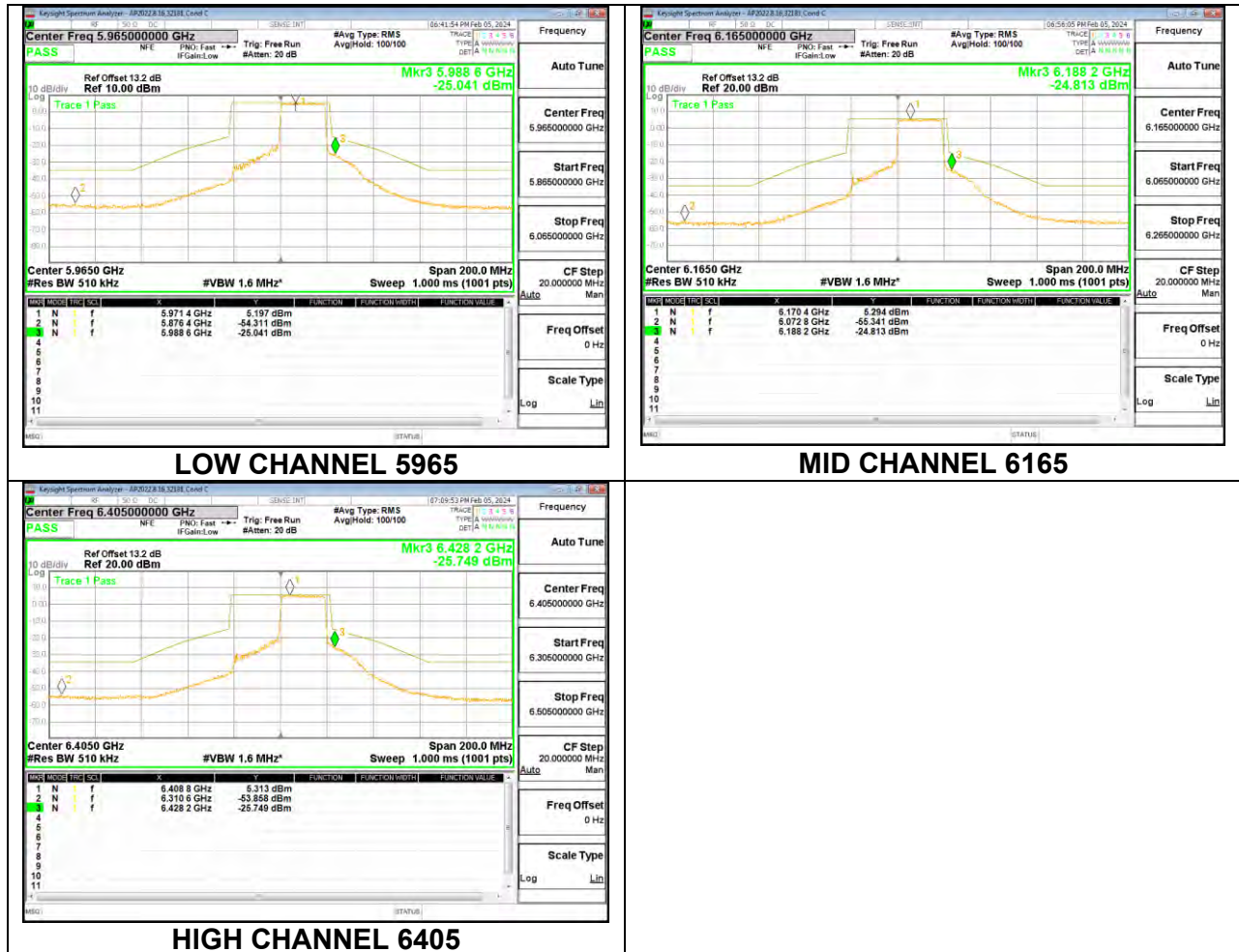
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 52-Tones, RU Index 37

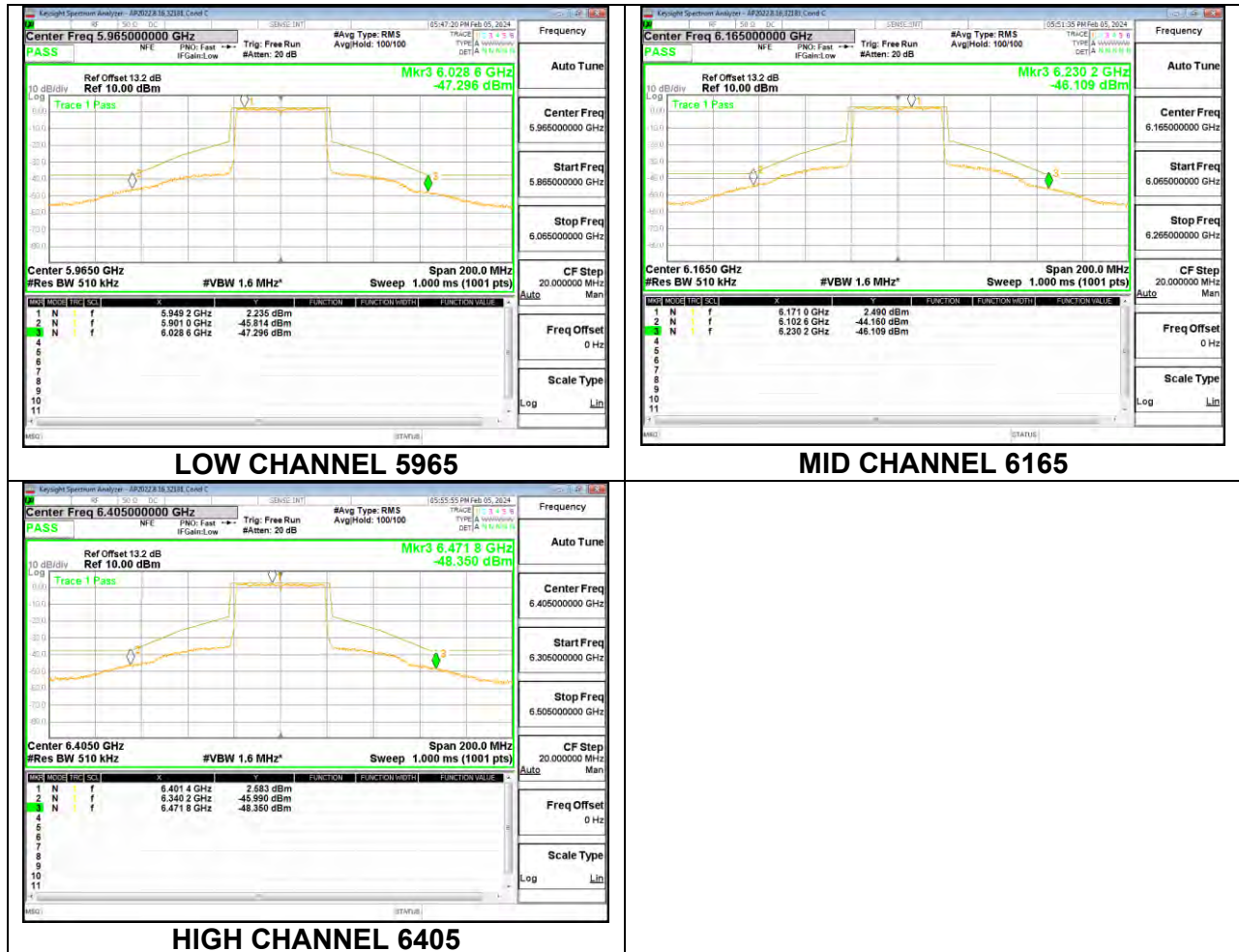
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 52-Tones, RU Index 38

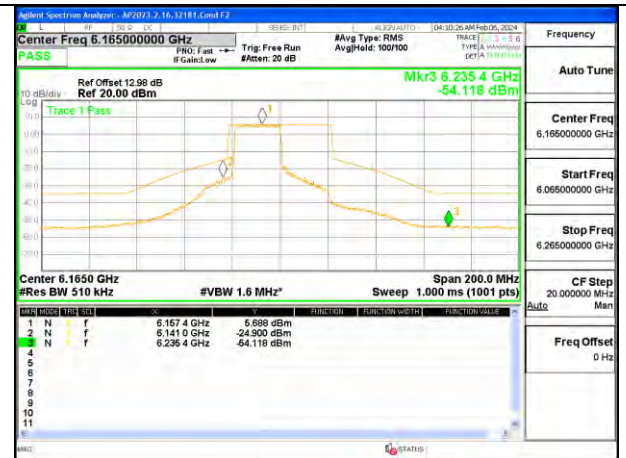
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 52-Tones, RU Index 40

2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – SU MODE**LOW CHANNEL ANT 6 5955****LOW CHANNEL ANT 5 5955****MID CHANNEL ANT 6 6175****MID CHANNEL ANT 5 6175****HIGH CHANNEL ANT 6 6415****HIGH CHANNEL ANT 5 6415**

9.7.2. 802.11be EHT40 MODE IN THE UNII-5 BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 61**

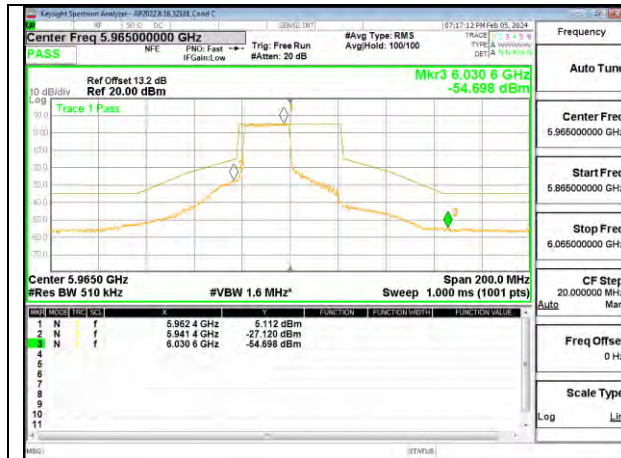
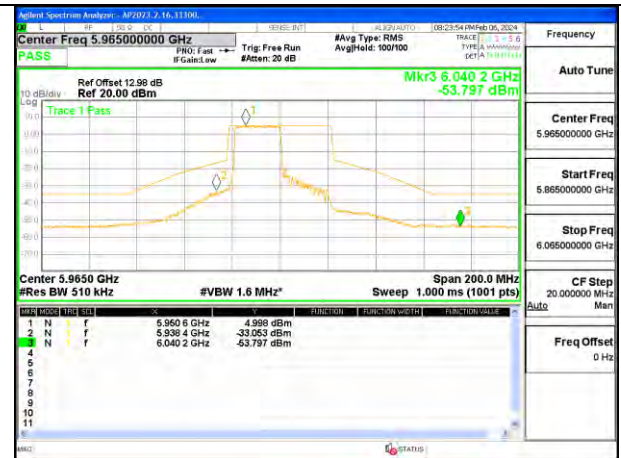
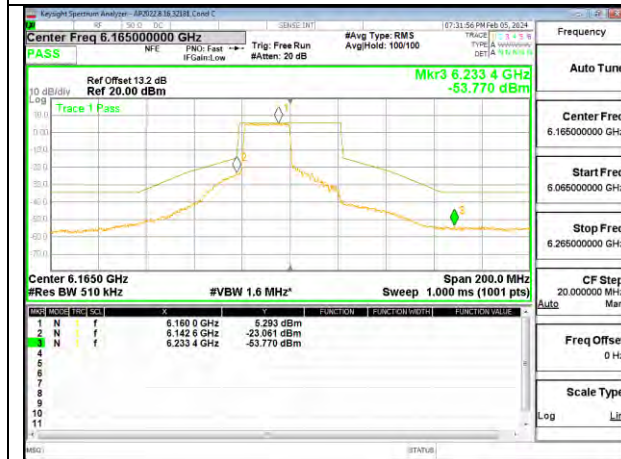
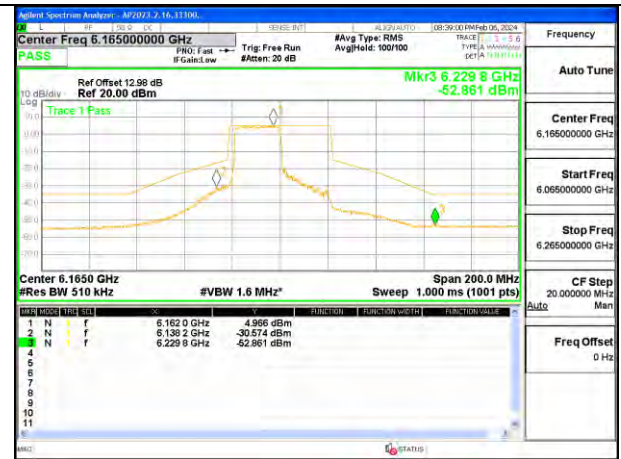
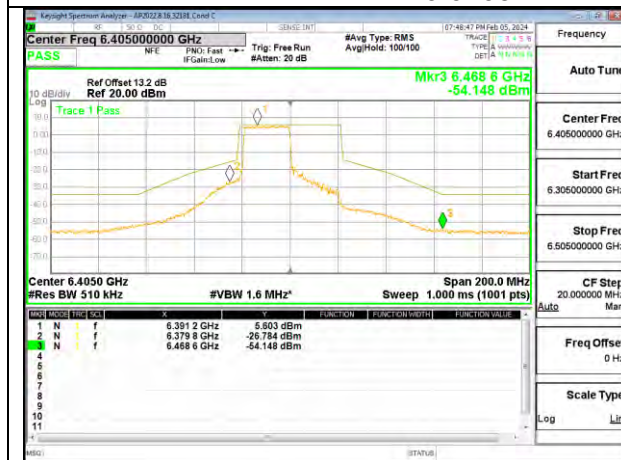
1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 62

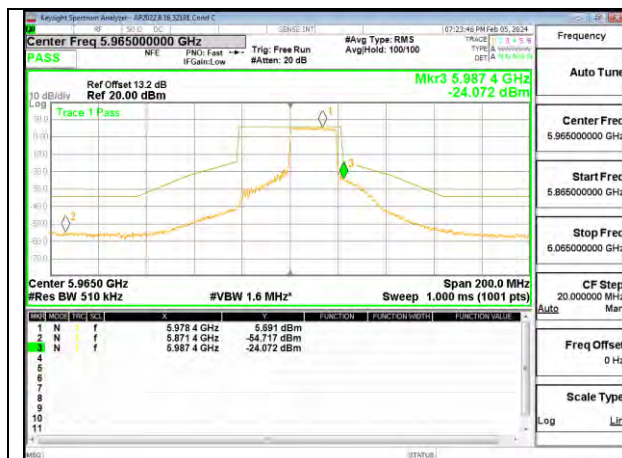
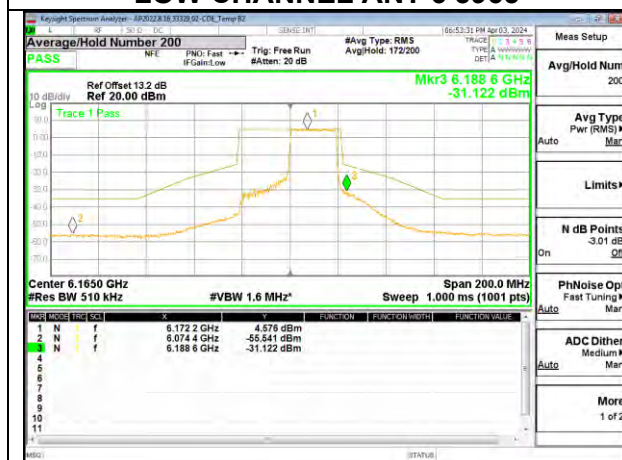
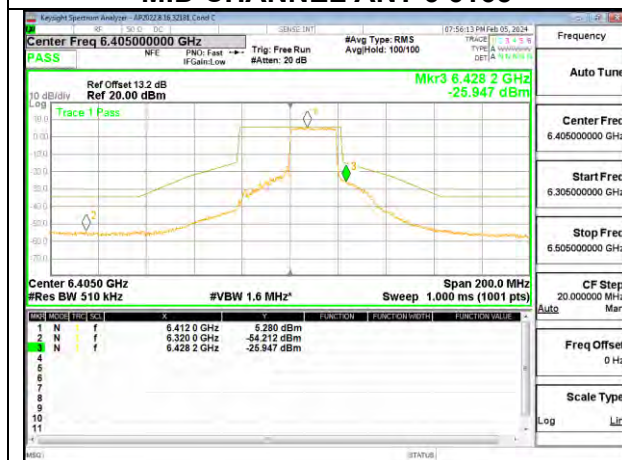
1TX Antenna 6 MODE (FCC+IC) MOBILE – SU MODE

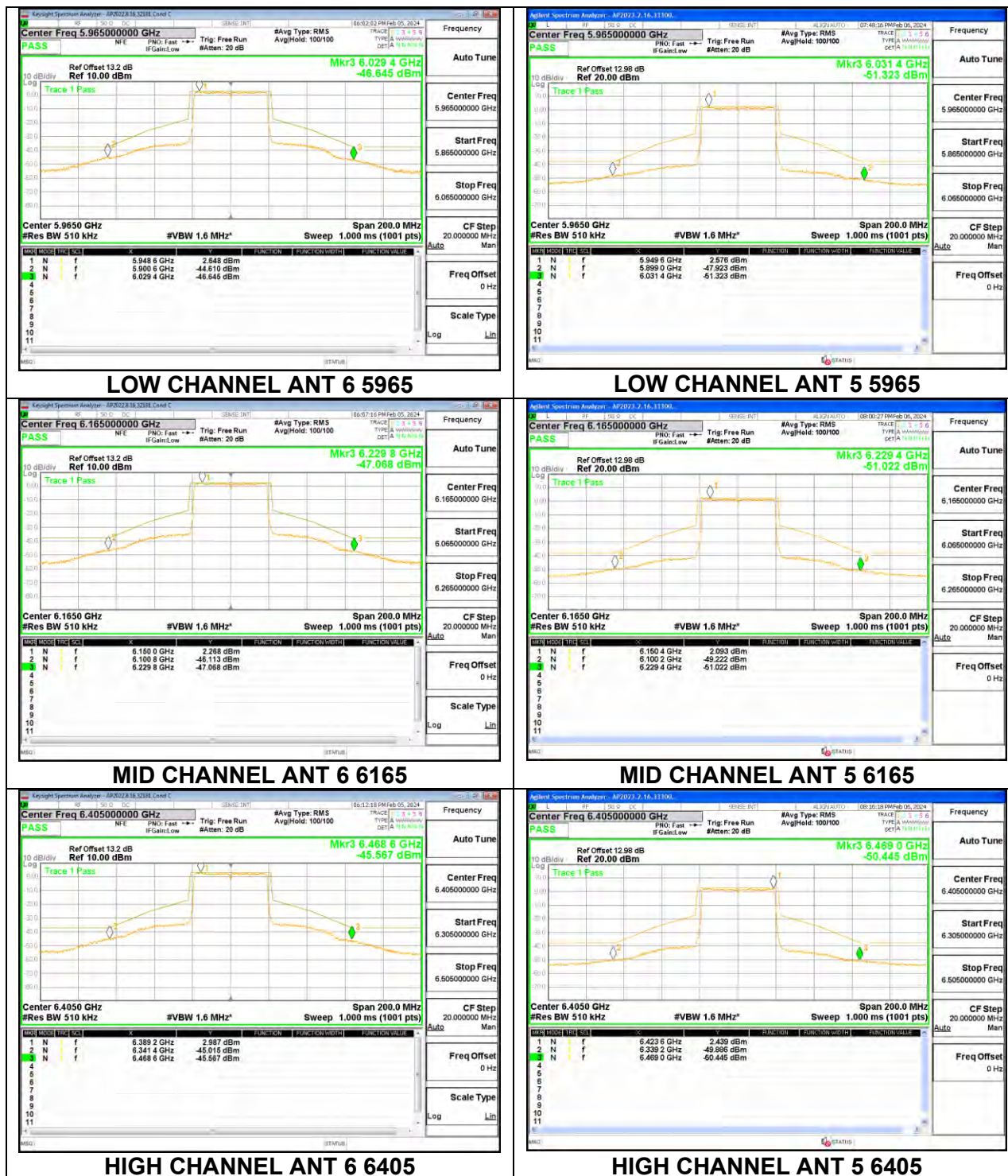
1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 61**LOW CHANNEL 5965****MID CHANNEL 6165****HIGH CHANNEL 6405**

1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 62**LOW CHANNEL 5965****MID CHANNEL 6165****HIGH CHANNEL 6405**

1TX Antenna 5 MODE (FCC+IC) MOBILE – SU MODE**LOW CHANNEL 5965****MID CHANNEL 6165****HIGH CHANNEL 6405**

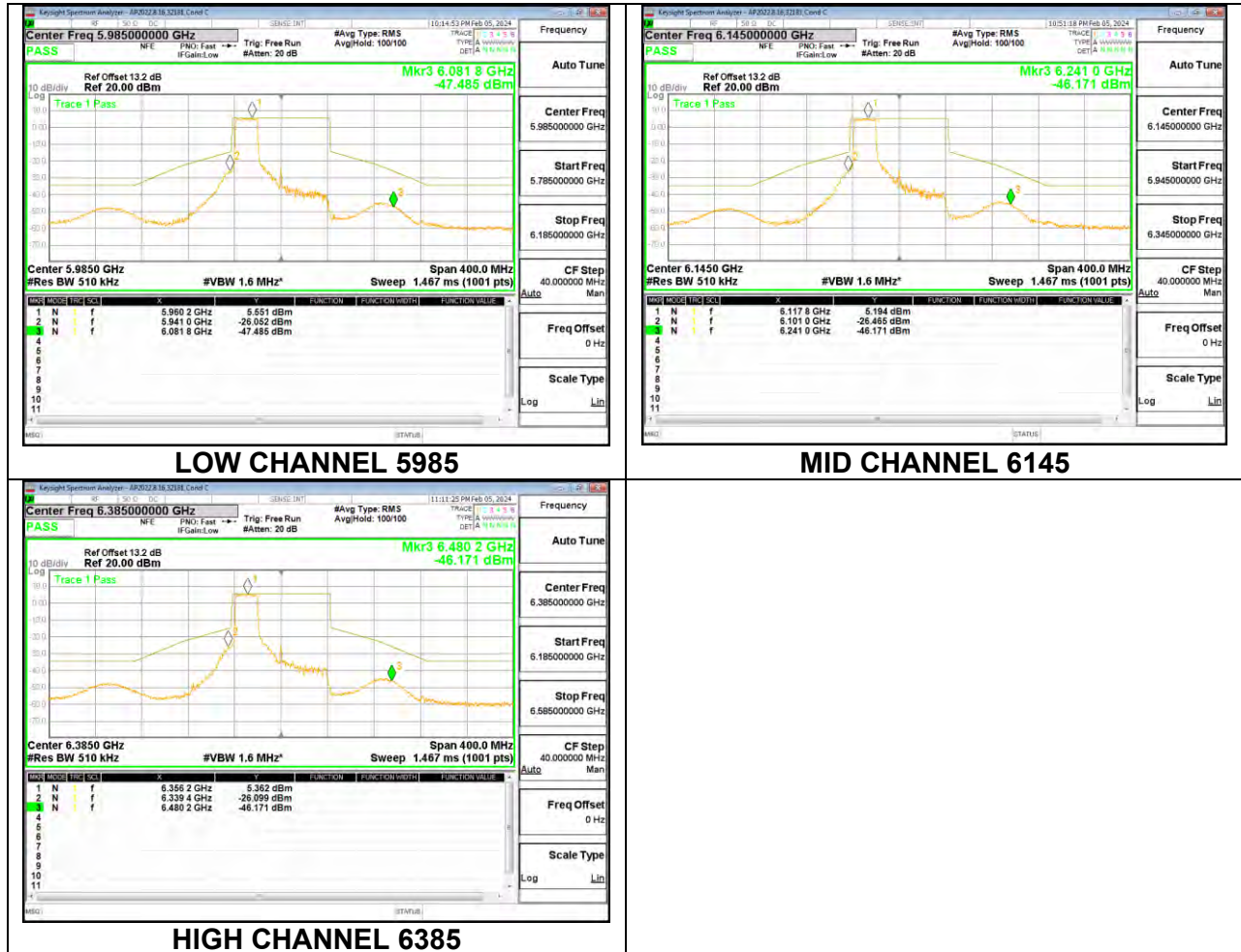
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index 61**LOW CHANNEL ANT 6 5965****LOW CHANNEL ANT 5 5965****MID CHANNEL ANT 6 6165****MID CHANNEL ANT 5 615****HIGH CHANNEL ANT 6 6405****HIGH CHANNEL ANT 5 6405**

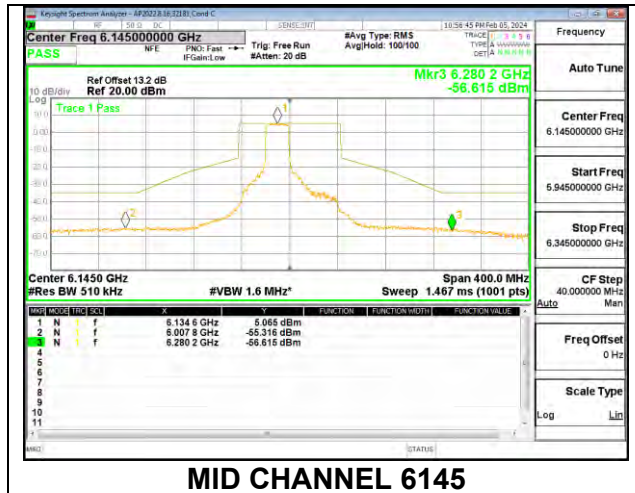
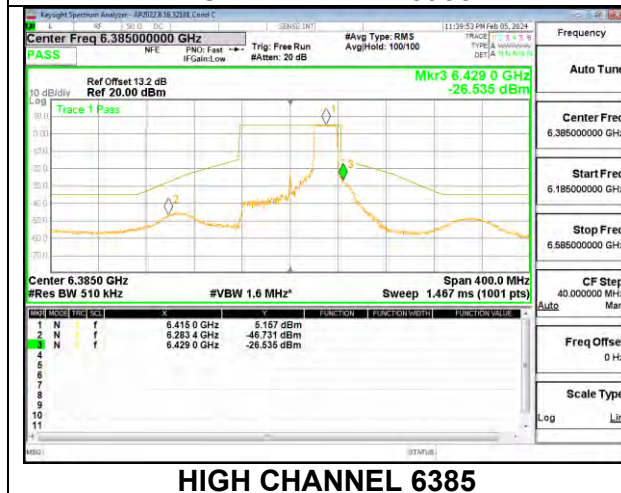
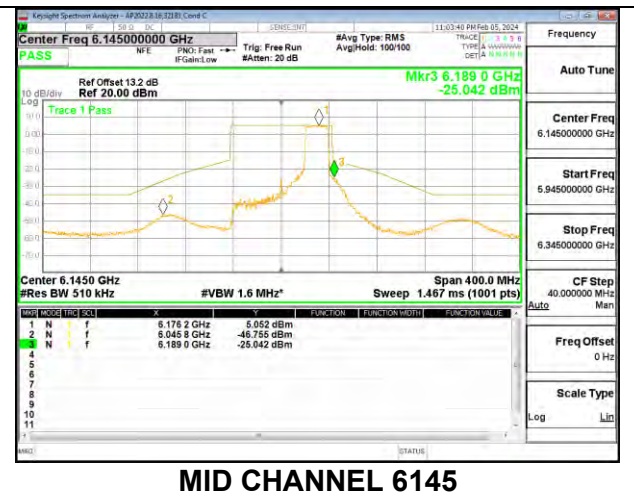
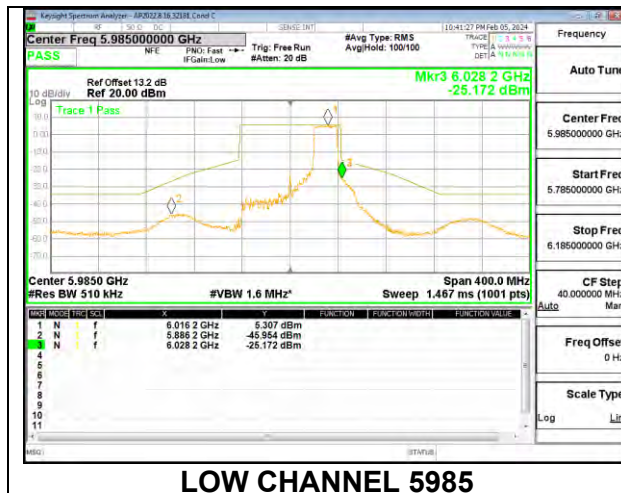
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index 62**LOW CHANNEL ANT 6 5965****LOW CHANNEL ANT 5 5965****MID CHANNEL ANT 6 6165****MID CHANNEL ANT 5 6165****HIGH CHANNEL ANT 6 6405****HIGH CHANNEL ANT 5 6405**

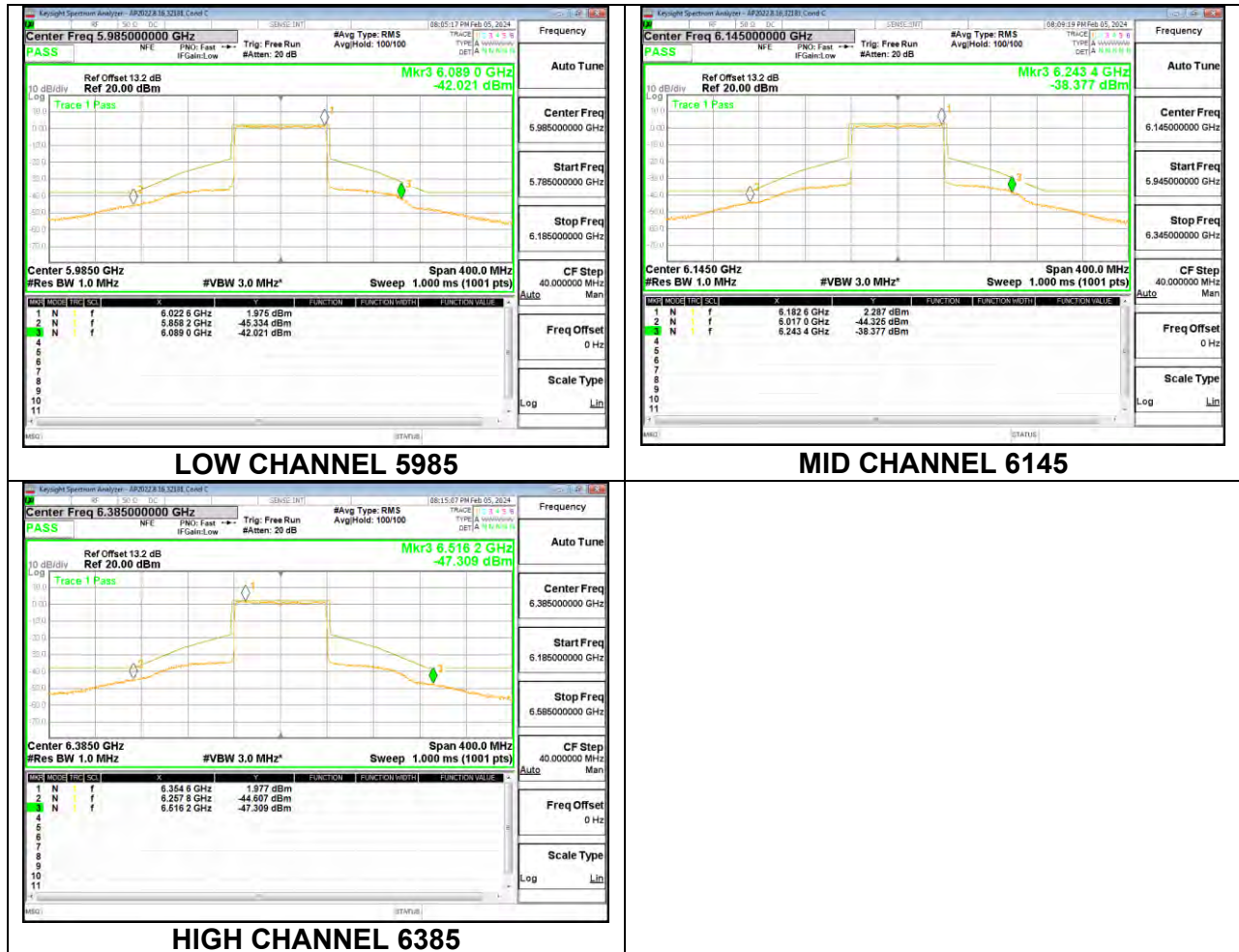
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – SU MODE

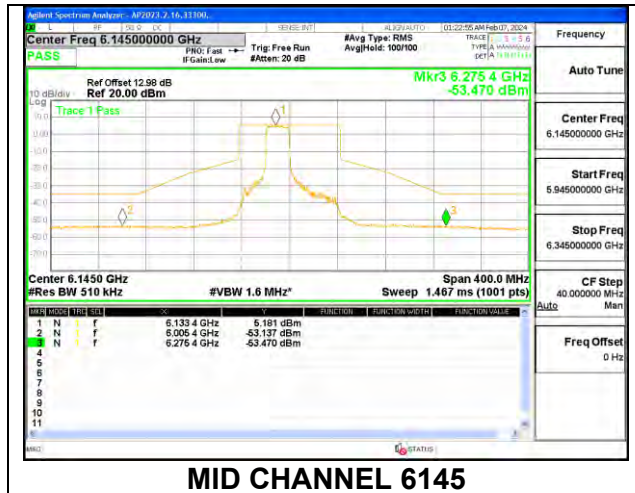
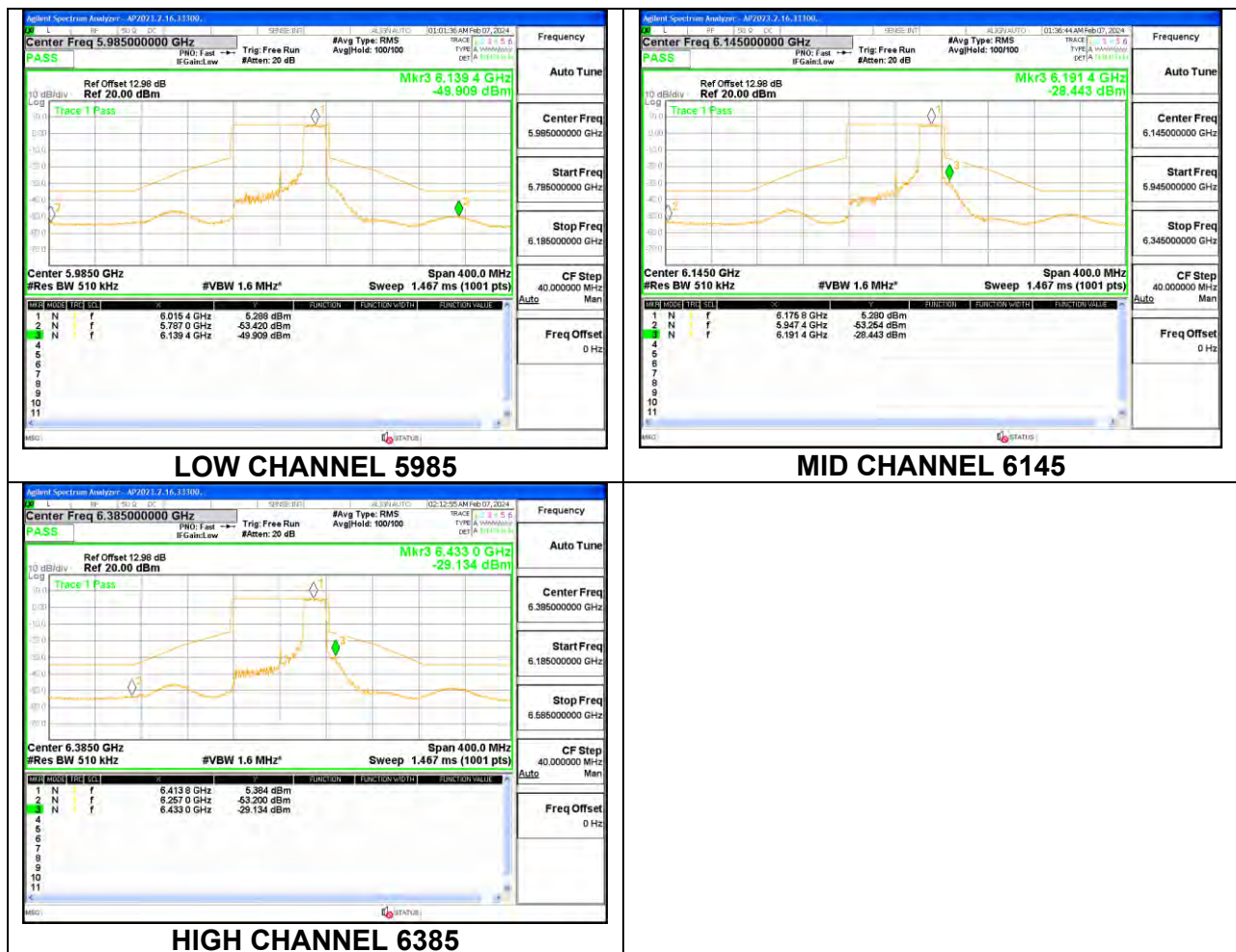
9.7.3. 802.11be EHT80 MODE IN THE UNII-5 BAND

1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 61

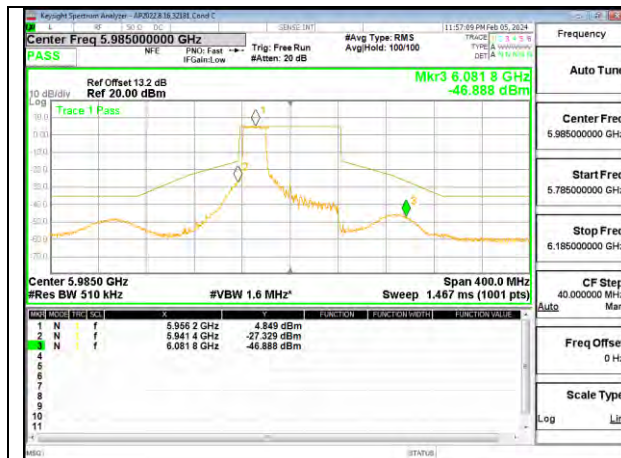
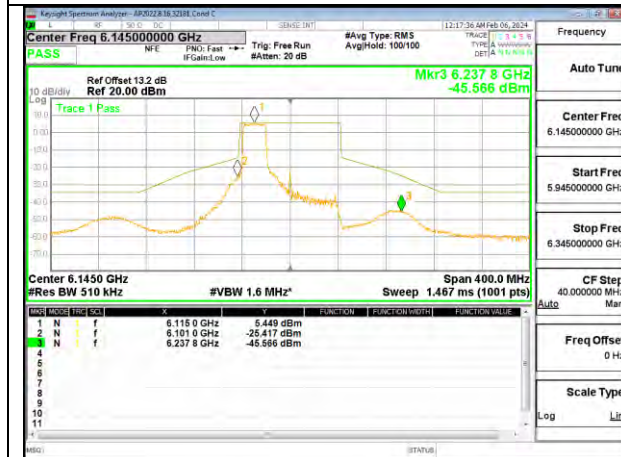
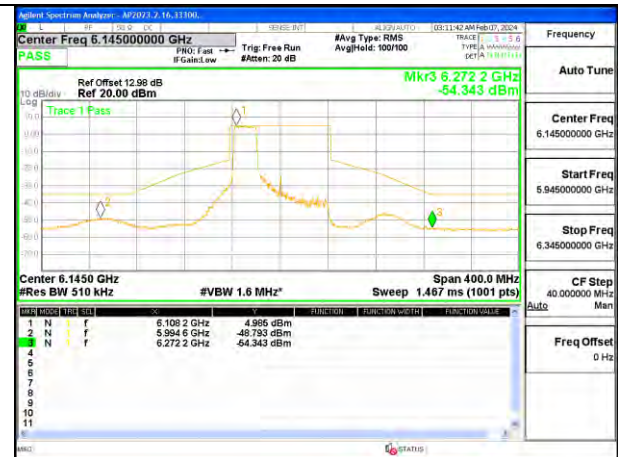
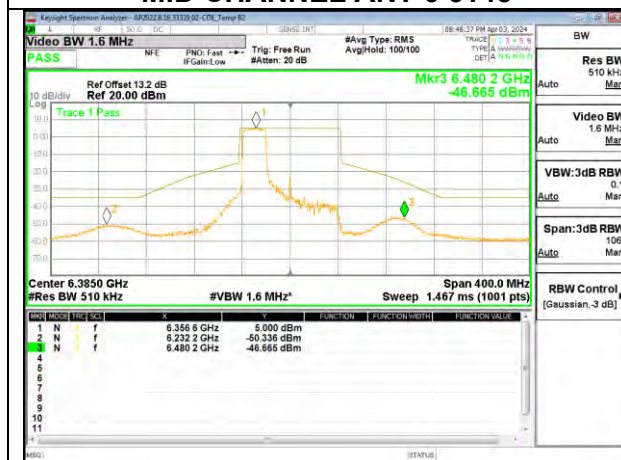
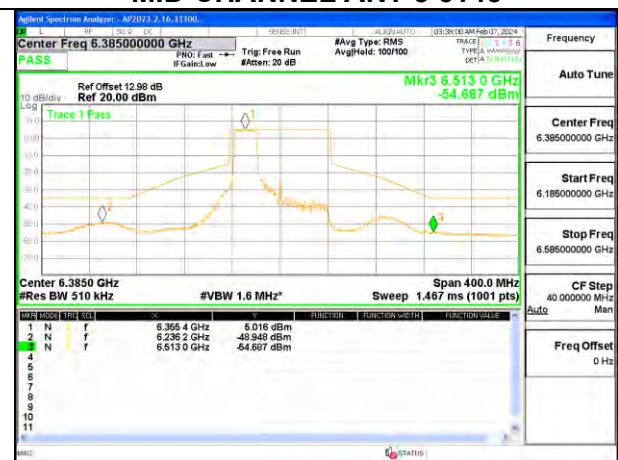


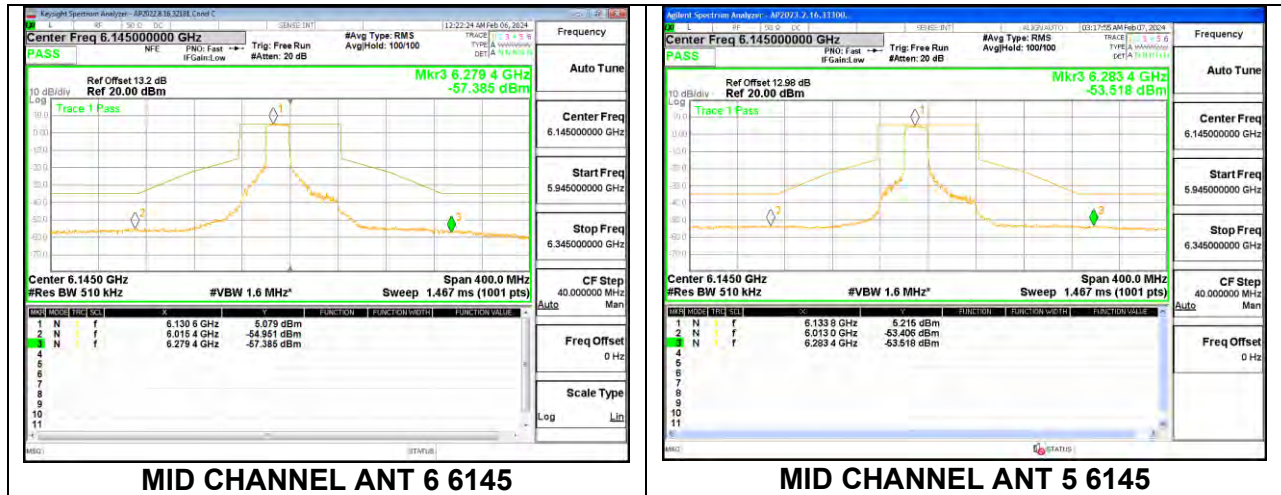
1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 62**1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 64**

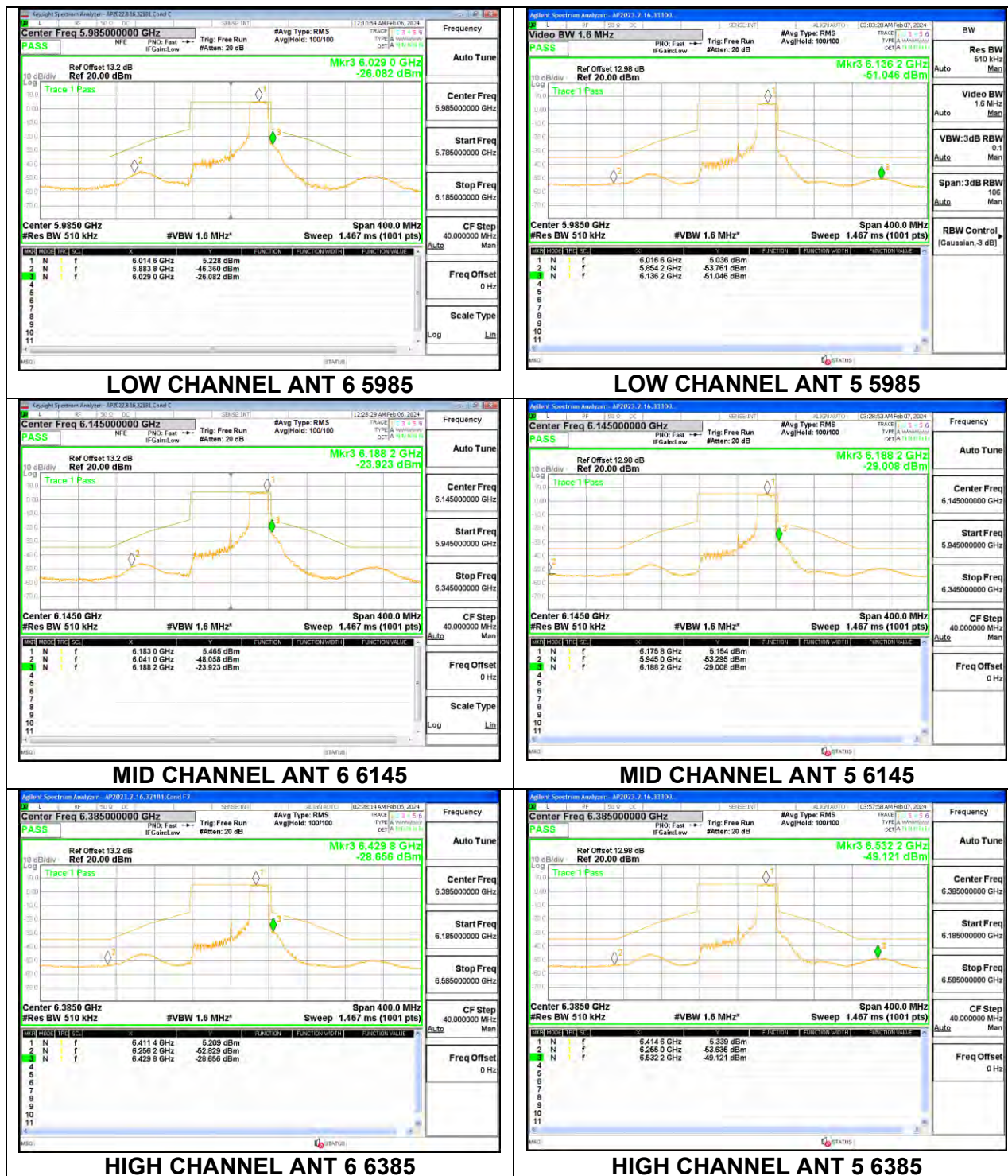
1TX Antenna 6 MODE (FCC+IC) MOBILE – SU MODE

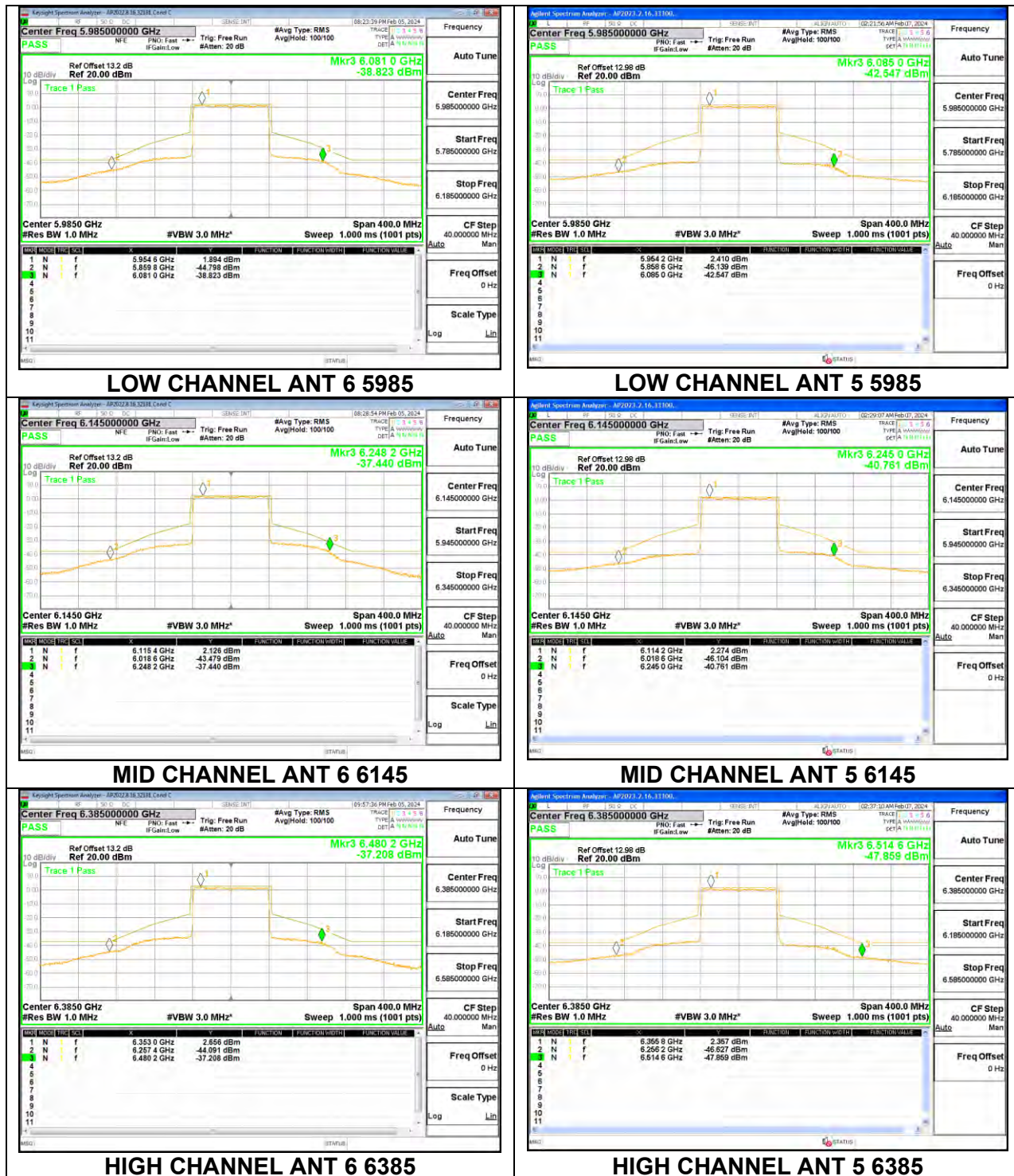
1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 62**1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 64**

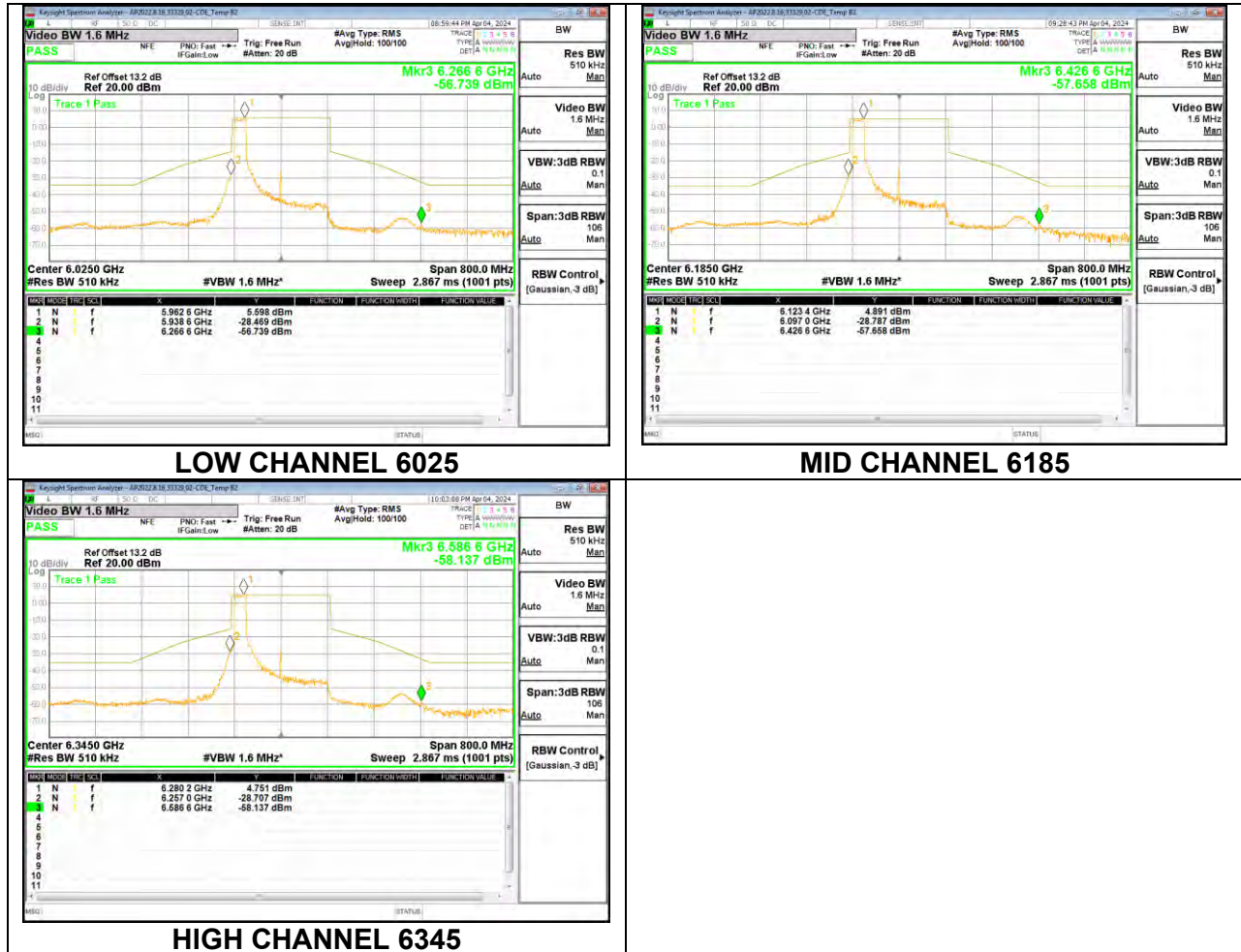
1TX Antenna 5 MODE (FCC+IC) MOBILE – SU MODE**LOW CHANNEL 5985****MID CHANNEL 6145****HIGH CHANNEL 6385**

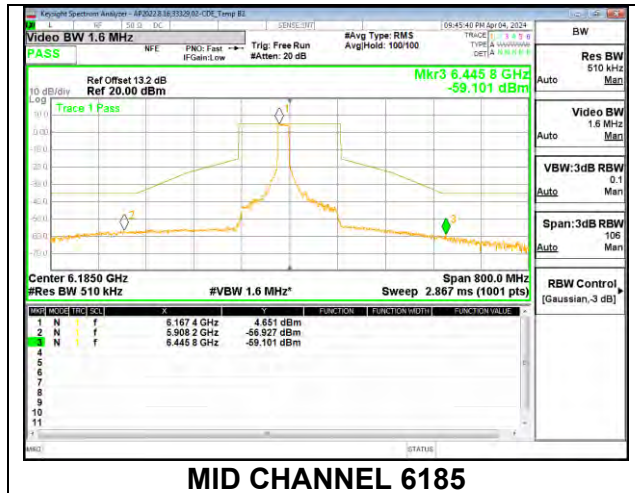
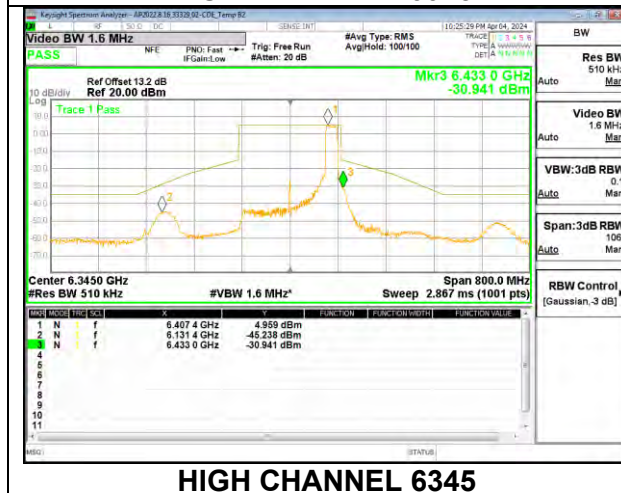
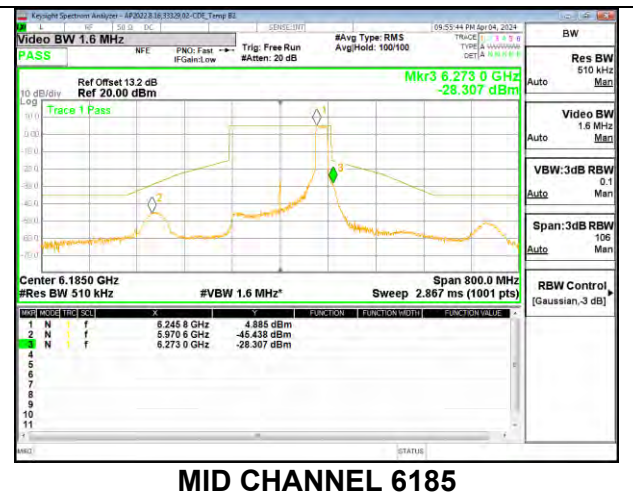
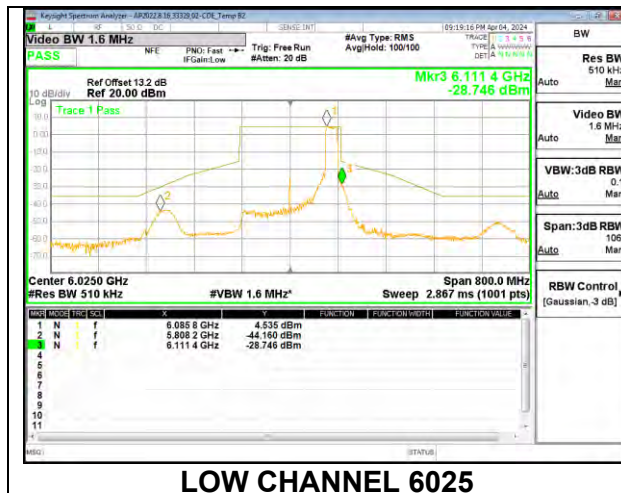
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index 61**LOW CHANNEL ANT 6 5985****LOW CHANNEL ANT 5 5985****MID CHANNEL ANT 6 6145****MID CHANNEL ANT 5 6145****HIGH CHANNEL ANT 6 6385****HIGH CHANNEL ANT 5 6385**

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

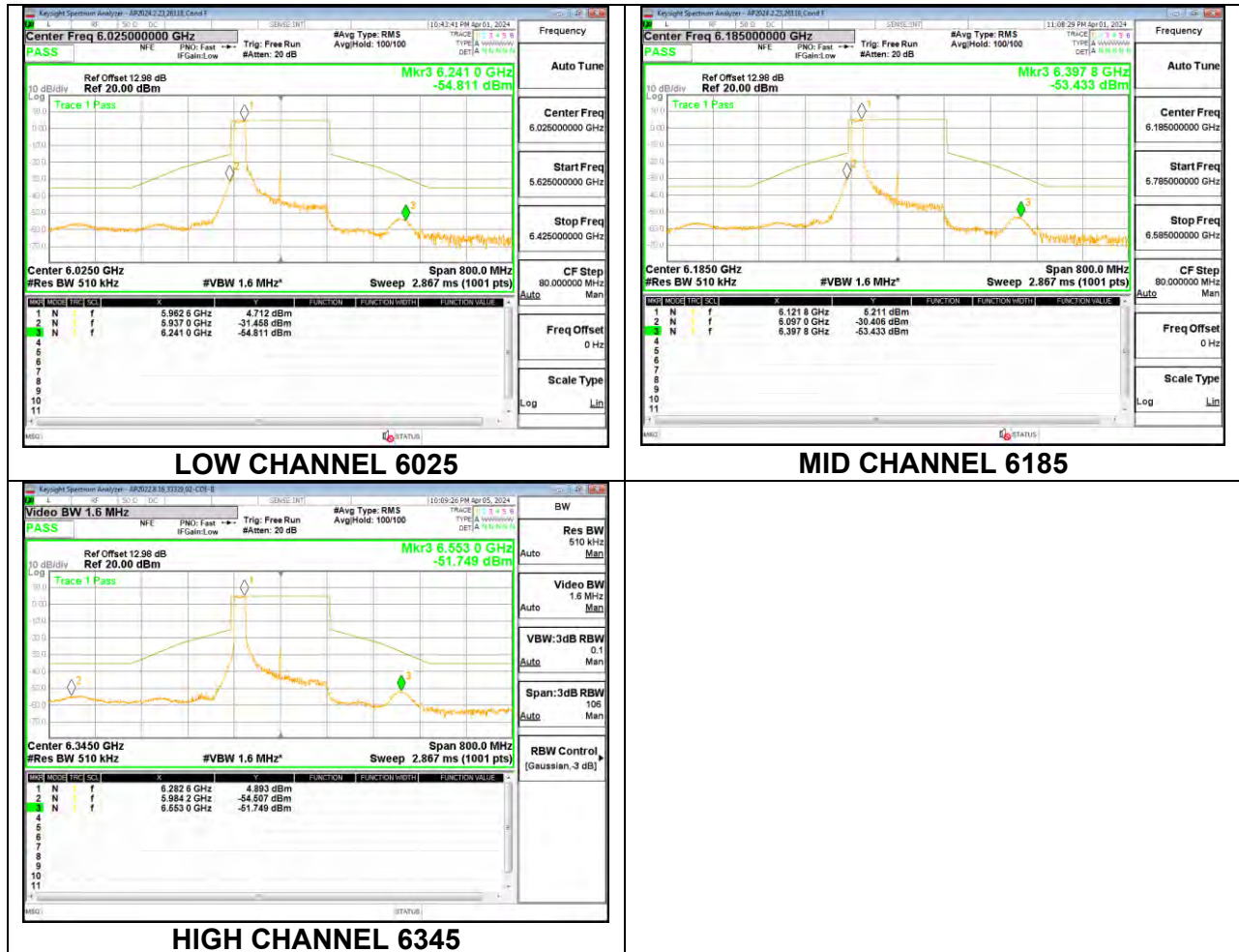
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – 242-Tones, RU Index 64

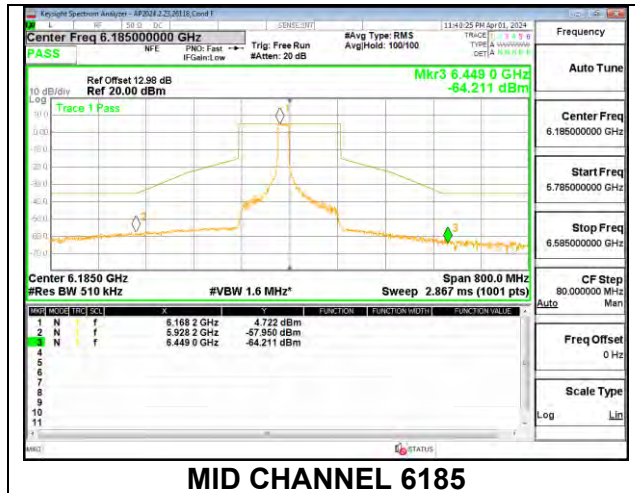
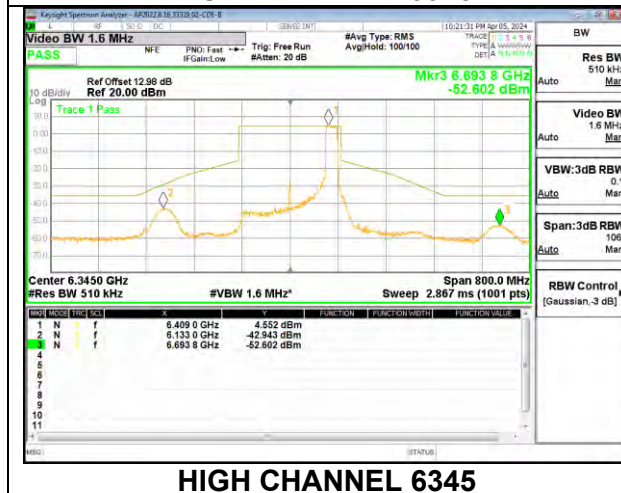
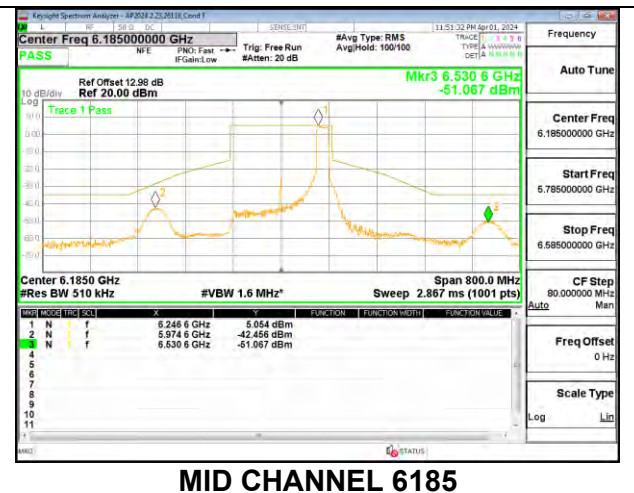
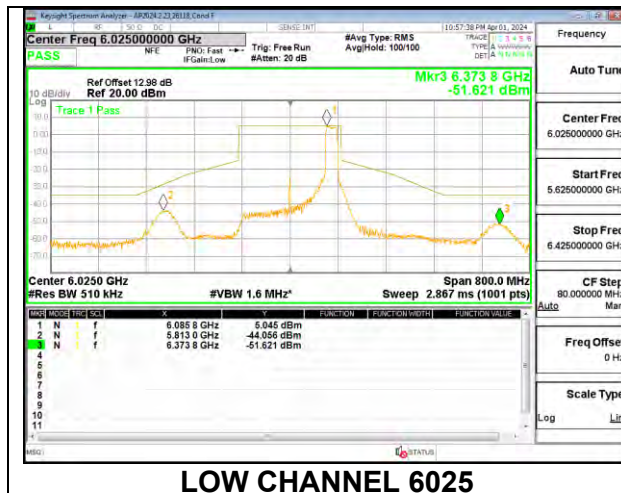
2TX Antenna 6 + Antenna 5 CDD MODE (FCC + IC) – SU Mode

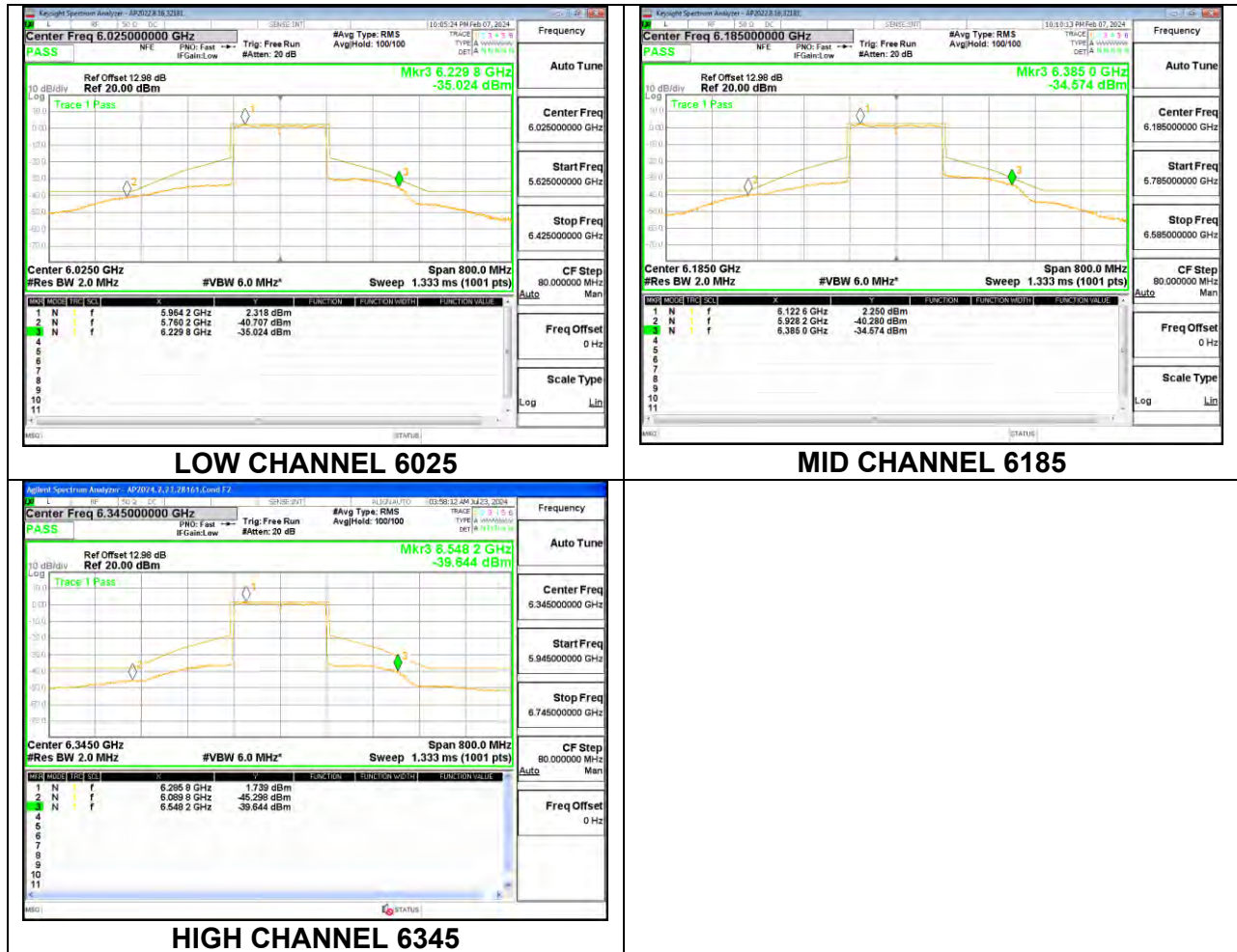
9.7.4. 802.11be EHT160 MODE IN THE UNII-5 BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 61**

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**LOW CHANNEL 6025****MID CHANNEL 6185****HIGH CHANNEL 6345**

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

1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index 64**1TX Antenna 5 MODE (FCC+IC) MOBILE – 242-Tones, RU Index S64**

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

The figure displays four Keysight Spectrum Analyzer screenshots, arranged in a 2x2 grid, showing signal measurements for different antennas and channels. Each plot includes a main frequency plot, a zoomed-in peak view, and a table of measured signals.

Top Left: LOW CHANNEL ANT 6 6025

- Center: 6.0250 GHz
- Res BW: 510 kHz
- Span: 800.0 MHz
- Sweep: 2.867 ms (1001 pts)
- VBW: 1.6 MHz
- Ref Offset: 13.2 dB
- Ref: 20.00 dBm
- Marker 3 (Mkr3): 6.266 GHz, -67.271 dBm

Row	Mode	Freq [GHz]	Power [dBm]
1	N	5.982 GHz	-68.054 dBm
2	N	5.938 GHz	-28.024 dBm
3	N	6.266 GHz	-67.271 dBm

Top Right: LOW CHANNEL ANT 5 6025

- Center: 6.0250 GHz
- Res BW: 510 kHz
- Span: 800.0 MHz
- Sweep: 2.867 ms (1001 pts)
- VBW: 1.6 MHz
- Ref Offset: 12.98 dB
- Ref: 20.00 dBm
- Marker 3 (Mkr3): 6.290 GHz, -60.384 dBm

Row	Mode	Freq [GHz]	Power [dBm]
1	N	5.961 GHz	-52.225 dBm
2	N	5.938 GHz	-33.462 dBm
3	N	6.290 GHz	-60.384 dBm

Bottom Left: MID CHANNEL ANT 6 6185

- Center: 6.1850 GHz
- Res BW: 510 kHz
- Span: 800.0 MHz
- Sweep: 2.867 ms (1001 pts)
- VBW: 1.6 MHz
- Ref Offset: 13.2 dB
- Ref: 20.00 dBm
- Marker 3 (Mkr3): 6.428 GHz, -58.235 dBm

Row	Mode	Freq [GHz]	Power [dBm]
1	N	6.123 GHz	-4.531 dBm
2	N	6.098 GHz	-28.404 dBm
3	N	6.428 GHz	-58.235 dBm

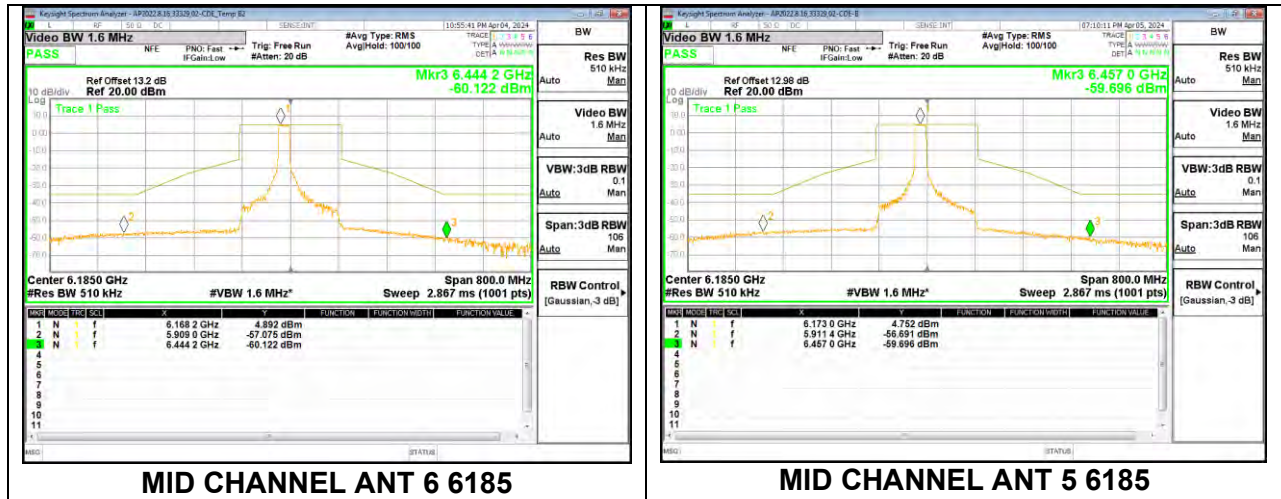
Bottom Right: MID CHANNEL ANT 5 6185

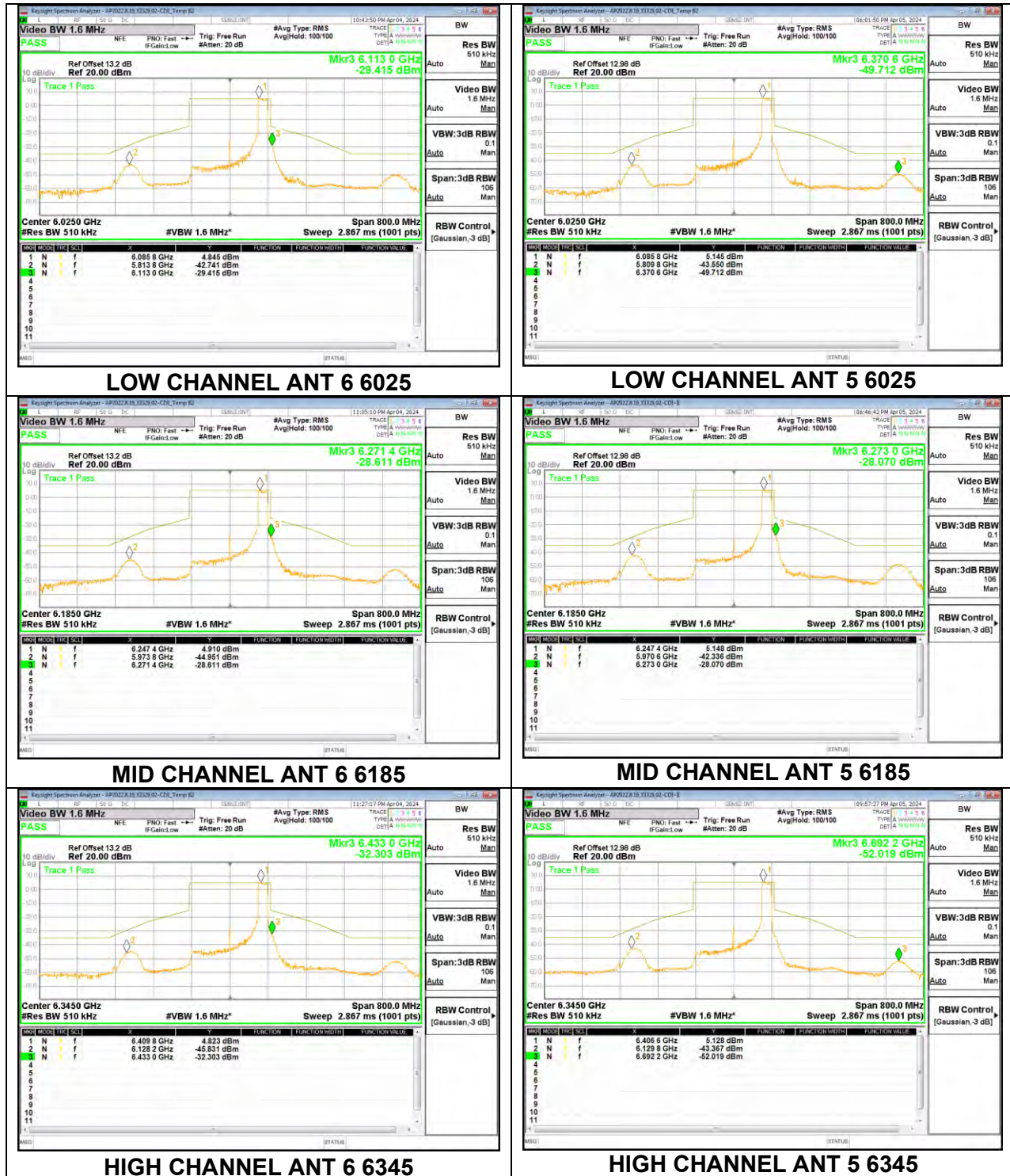
- Center: 6.1850 GHz
- Res BW: 510 kHz
- Span: 800.0 MHz
- Sweep: 2.867 ms (1001 pts)
- VBW: 1.6 MHz
- Ref Offset: 12.98 dB
- Ref: 20.00 dBm
- Marker 3 (Mkr3): 6.399 GHz, -52.958 dBm

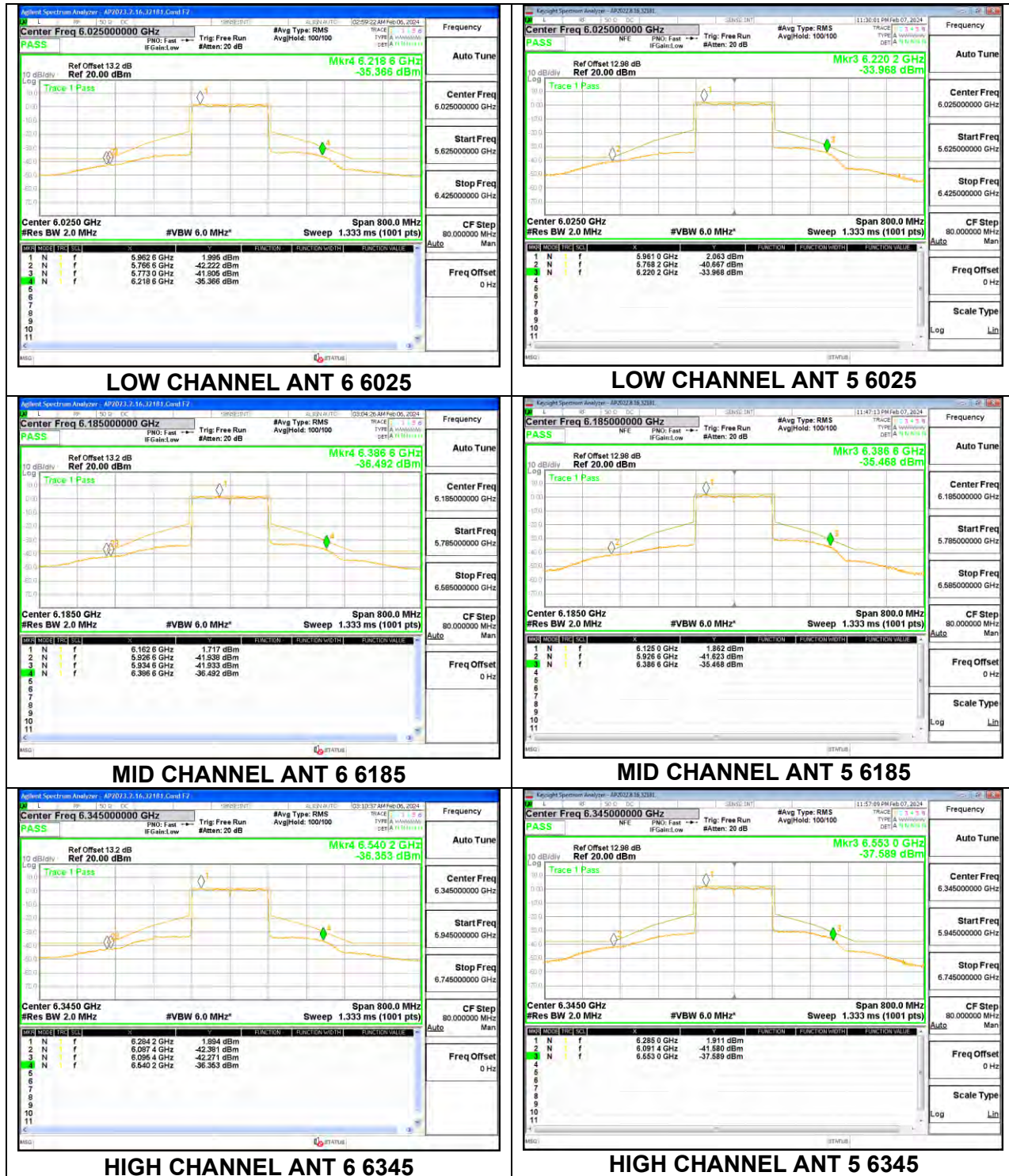
Row	Mode	Freq [GHz]	Power [dBm]
1	N	6.120 GHz	-4.655 dBm
2	N	6.097 GHz	-33.557 dBm
3	N	6.399 GHz	-52.958 dBm

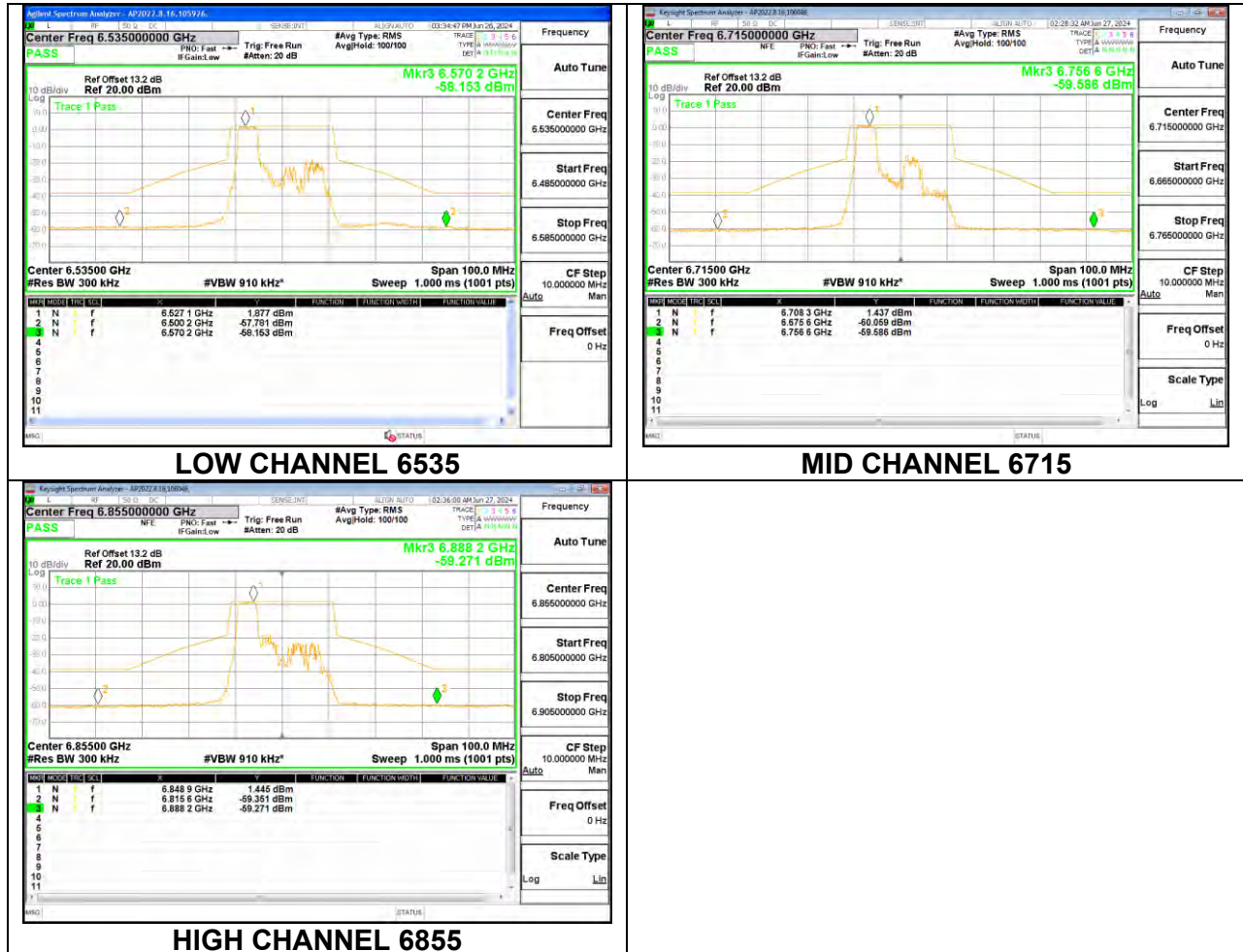
High Channel Measurements (Antenna 6):

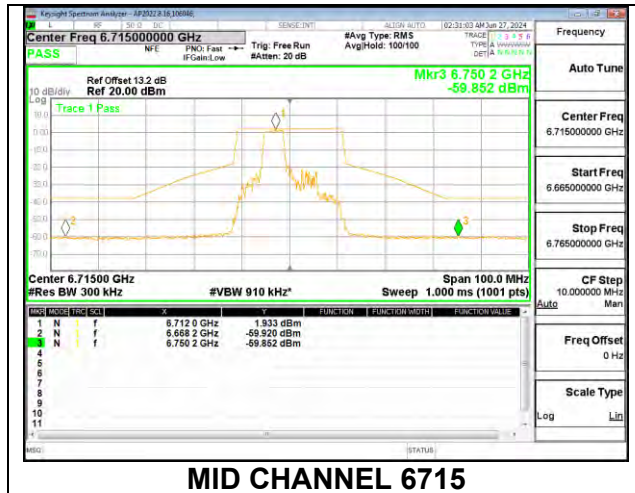
- High Channel ANT 6 6345:** Center: 6.3450 GHz, Res BW: 510 kHz, Span: 800.0 MHz, Sweep: 2.867 ms (1001 pts), VBW: 1.6 MHz, Ref Offset: 13.2 dB, Ref: 20.00 dBm, Marker 3 (Mkr3): 6.586 GHz, -67.456 dBm.
- High Channel ANT 5 6345:** Center: 6.3450 GHz, Res BW: 510 kHz, Span: 800.0 MHz, Sweep: 2.867 ms (1001 pts), VBW: 1.6 MHz, Ref Offset: 12.98 dB, Ref: 20.00 dBm, Marker 3 (Mkr3): 6.557 GHz, -52.891 dBm.

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

9.7.5. 802.11be EHT20 MODE IN THE UNII-7 BAND**1TX Antenna 6 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 37**

1TX Antenna 6 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 38**1TX Antenna 6 MODE (FCC+IC) MOBILE – 52-Tones, RU Index 40**