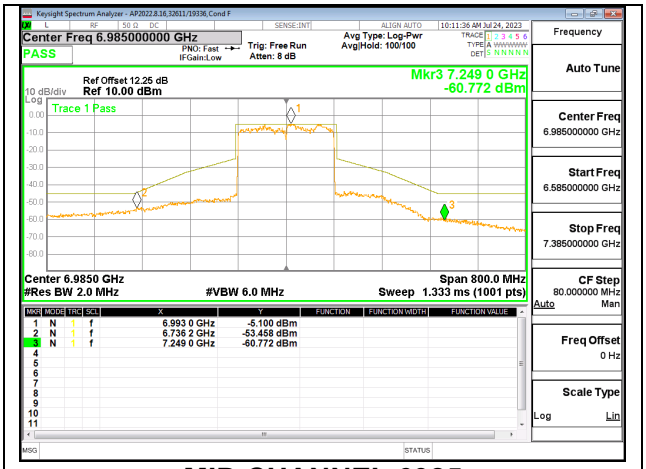
## 1TX Antenna 5 MODE (FCC) MOBILE – SU MODE




**MID CHANNEL 6985**



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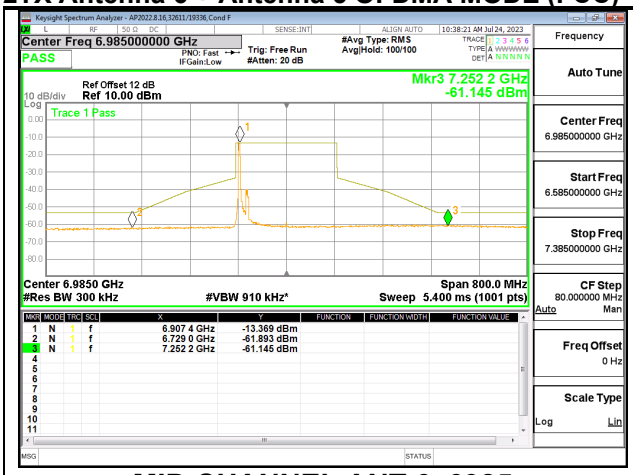
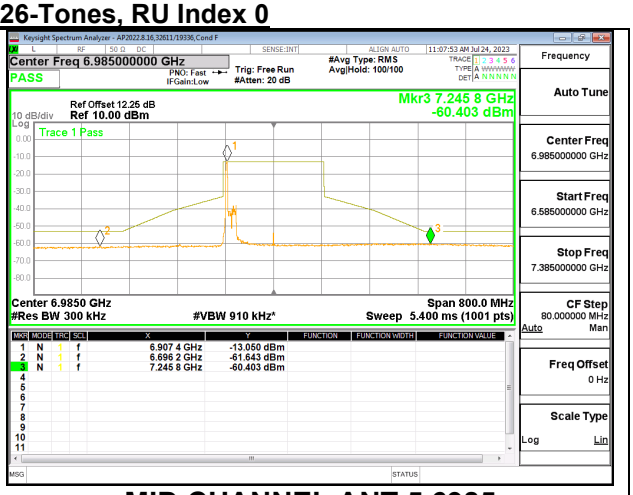
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index 0

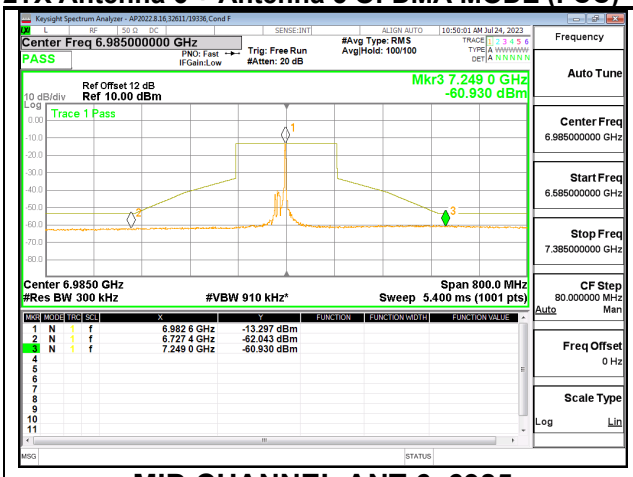



MID CHANNEL ANT 6 6985

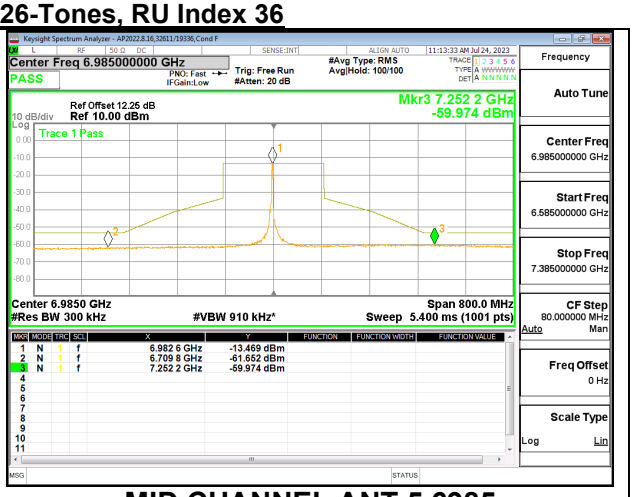



MID CHANNEL ANT 5 6985

## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index 36

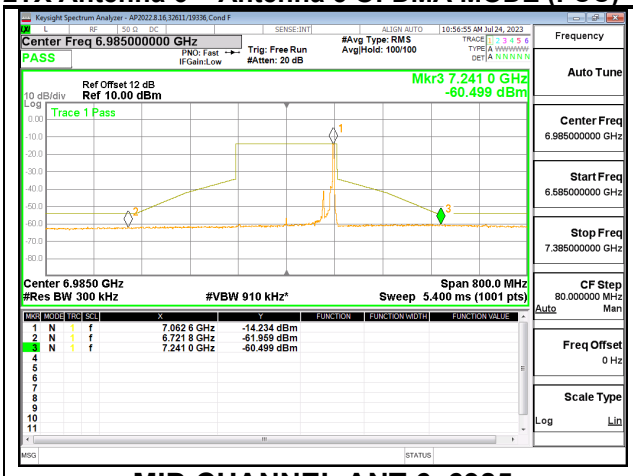



MID CHANNEL ANT 6 6985

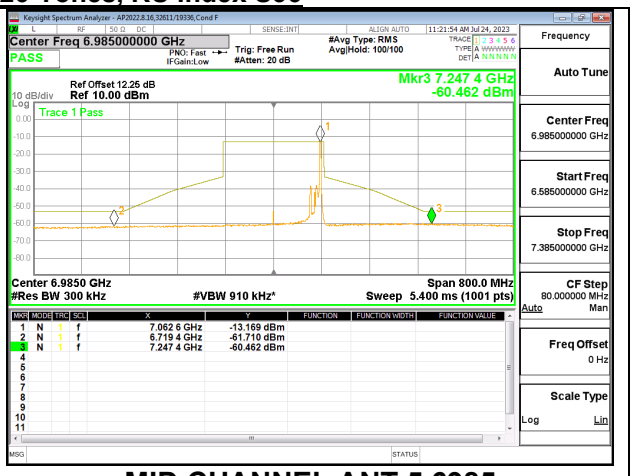



MID CHANNEL ANT 5 6985

## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index S36




MID CHANNEL ANT 6 6985

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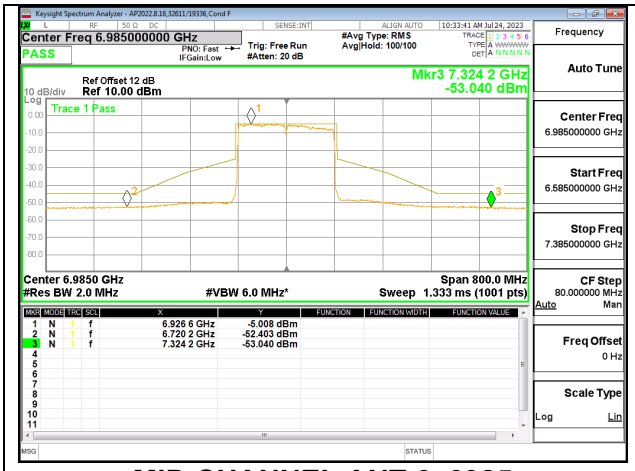
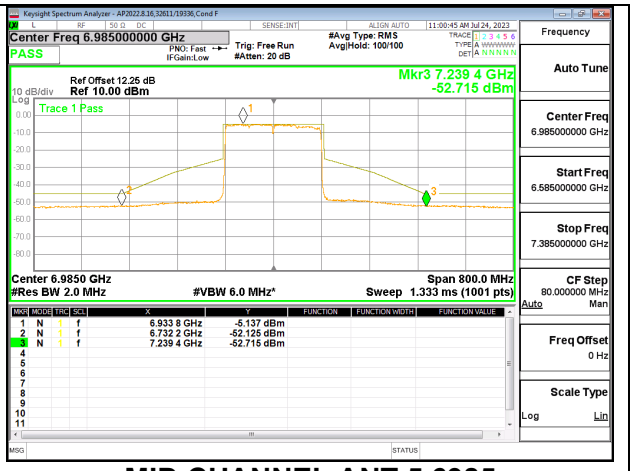
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – SU Mode




**MID CHANNEL ANT 6 6985**

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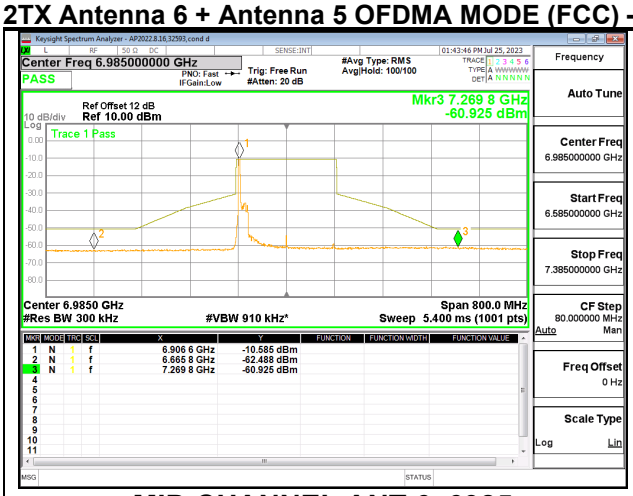
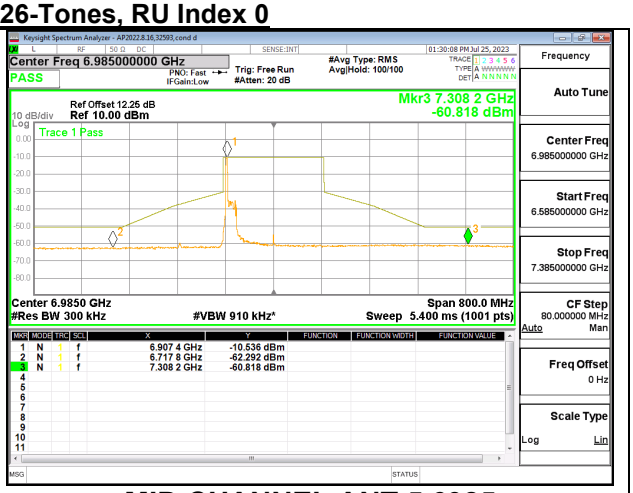
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index 0

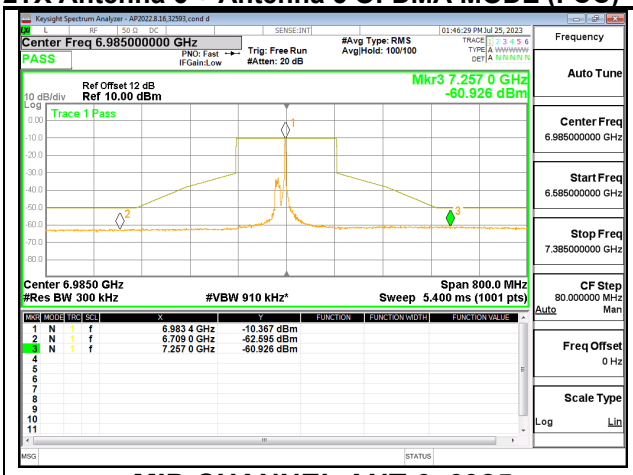



MID CHANNEL ANT 6 6985

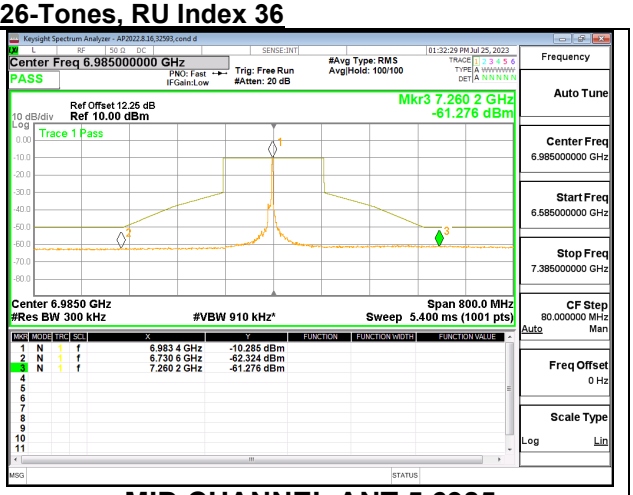



MID CHANNEL ANT 5 6985

## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index 36

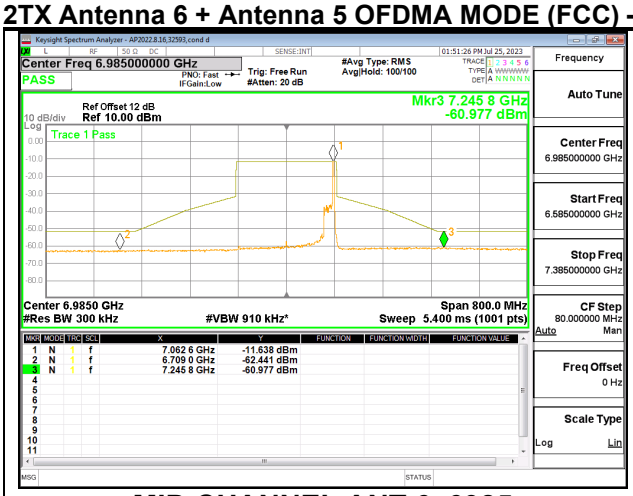



MID CHANNEL ANT 6 6985

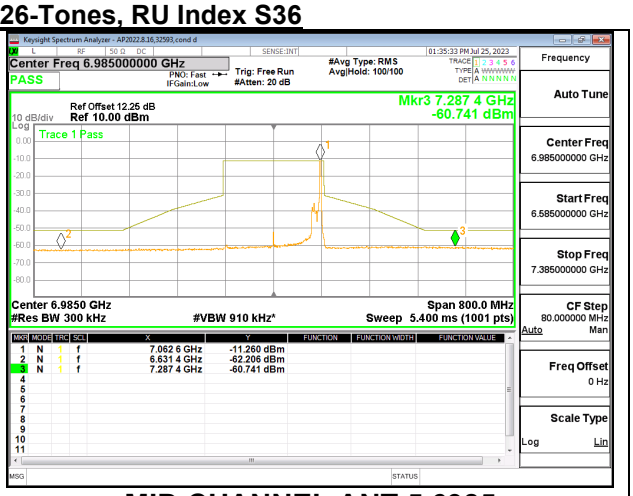



MID CHANNEL ANT 5 6985

## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index S36




MID CHANNEL ANT 6 6985

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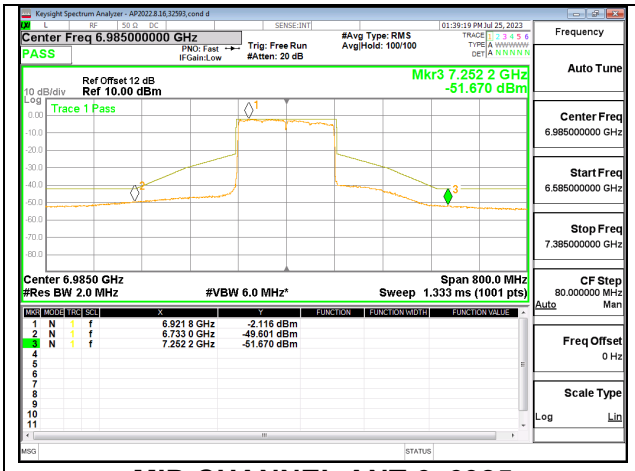
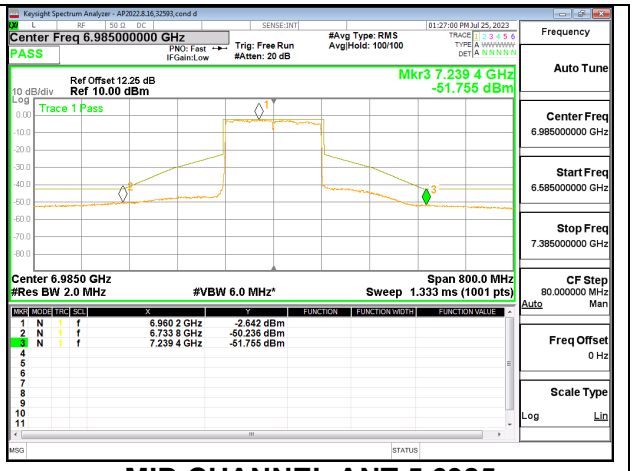
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – SU Mode




**MID CHANNEL ANT 6 6985**




**MID CHANNEL ANT 5 6985**



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## 9.6. SP SPURIOUS EMMISSIONS IN-BAND

### 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. For RU26 tone for all bandwidths, the RBW & VBW settings used were equal or greater than 26dB bandwidth test settings.

### RESULTS


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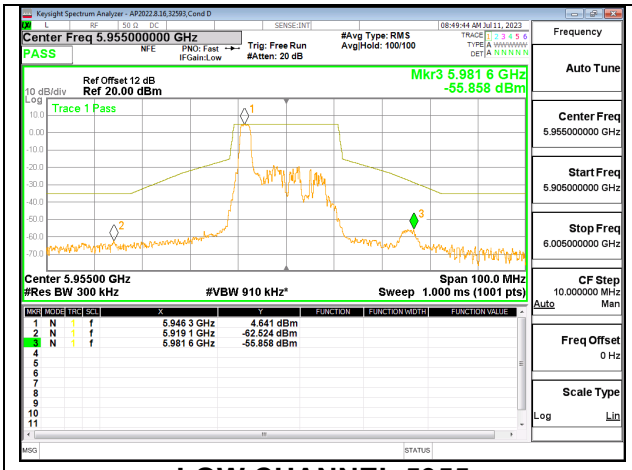
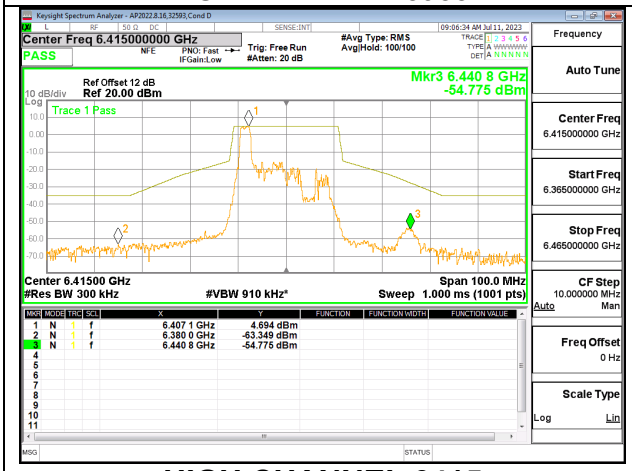
## 9.6.1. 802.11ax HE20 MODE IN THE UNII-5 BAND

**1TX Antenna 6 MODE (FCC) MOBILE – 26-Tones, RU Index 0**



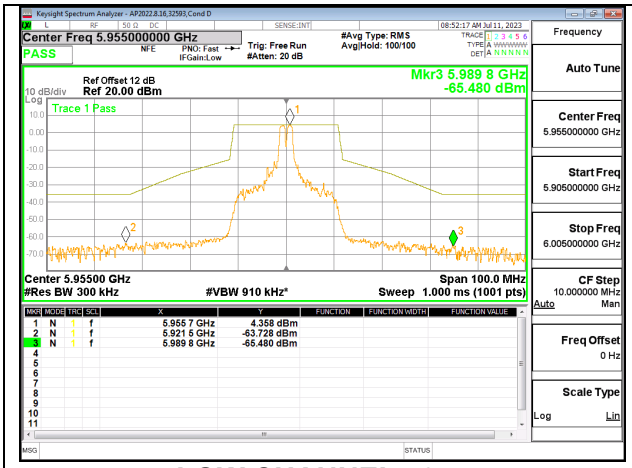

**LOW CHANNEL 5955**

**MID CHANNEL 6175**

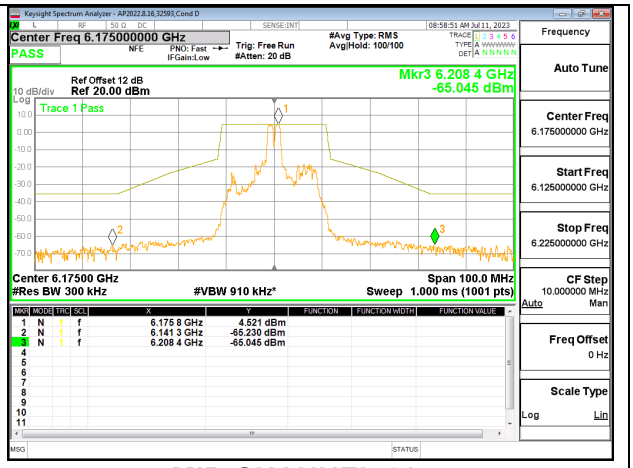



**HIGH CHANNEL 6415**

**1TX Antenna 6 MODE (FCC) MOBILE – 26-Tones, RU Index 4**




**LOW CHANNEL 5955**




**MID CHANNEL 6175**



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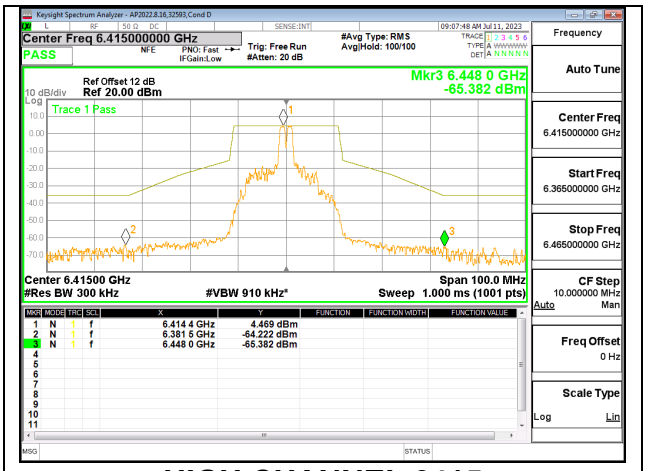
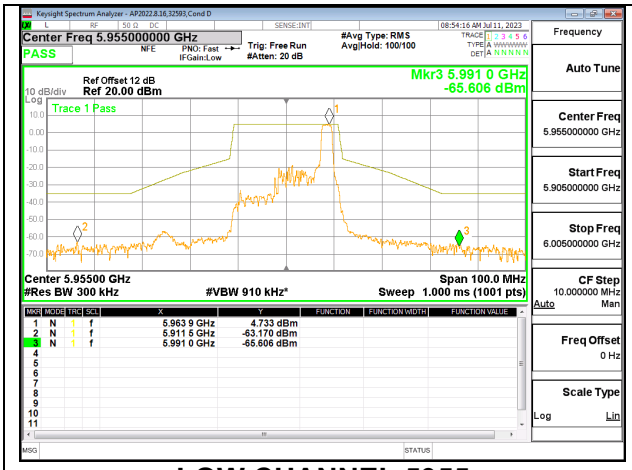
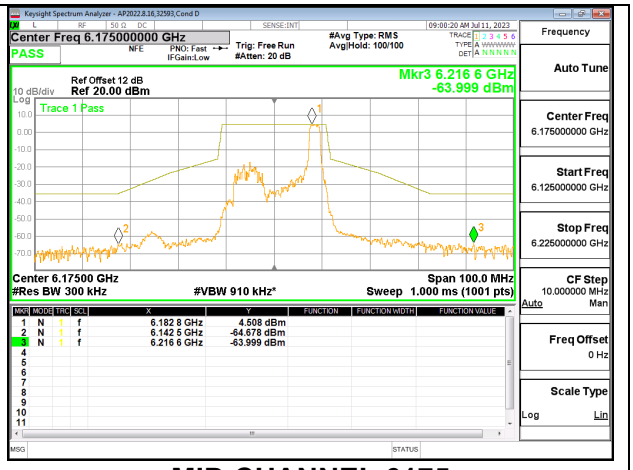



**HIGH CHANNEL 6415**

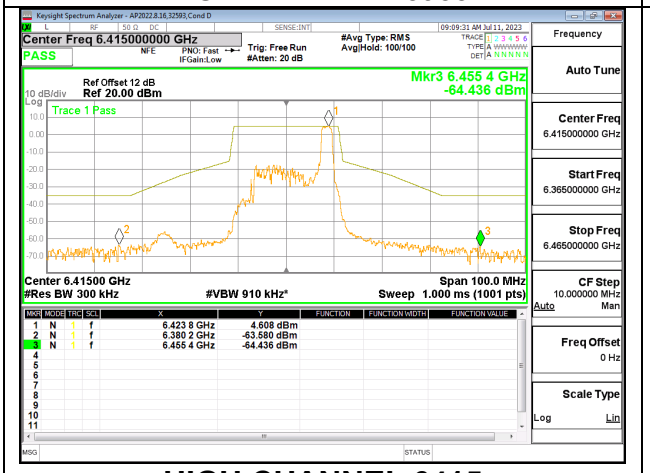
## 1TX Antenna 6 MODE (FCC) MOBILE – 26-Tones, RU Index 8




**LOW CHANNEL 5955**




**MID CHANNEL 6175**




**HIGH CHANNEL 6415**



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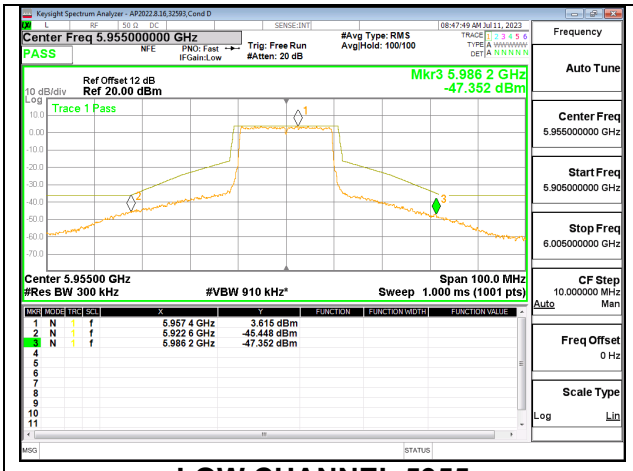
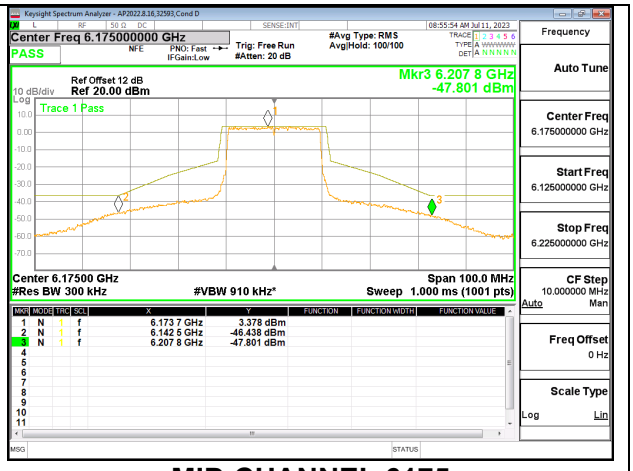
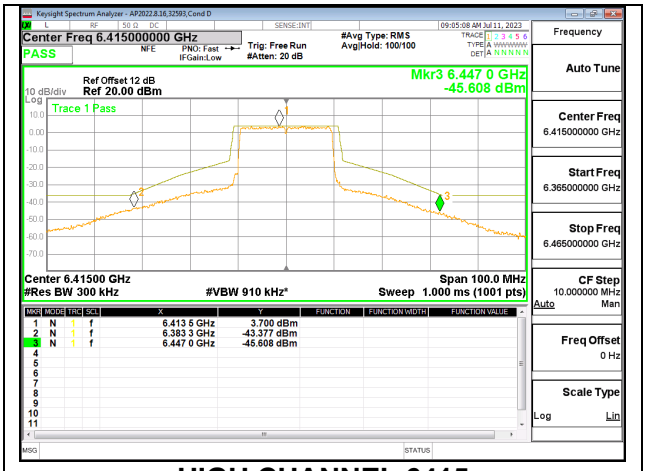
## 1TX Antenna 6 MODE (FCC) MOBILE – SU MODE




**LOW CHANNEL 5955**




**MID CHANNEL 6175**

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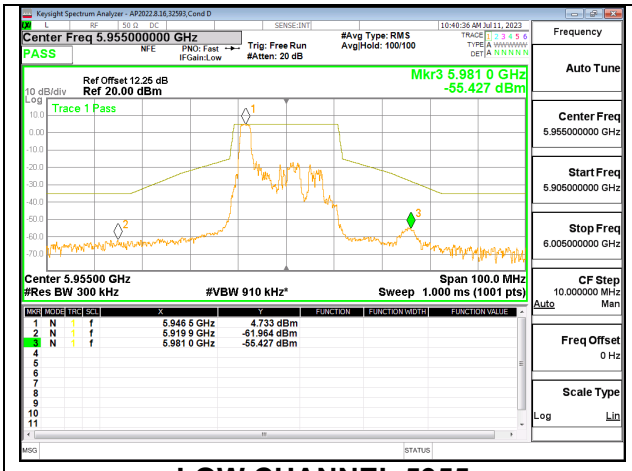
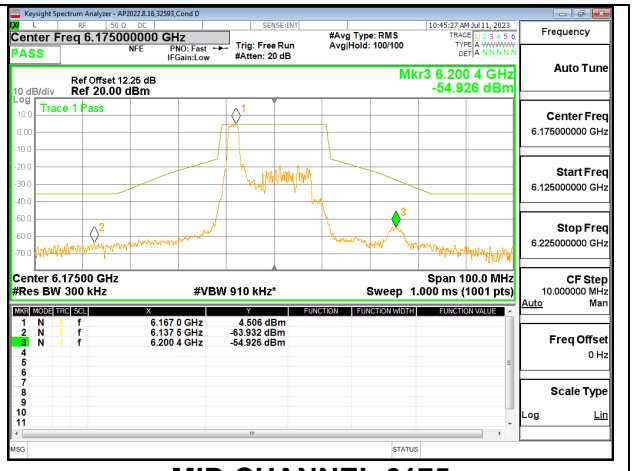
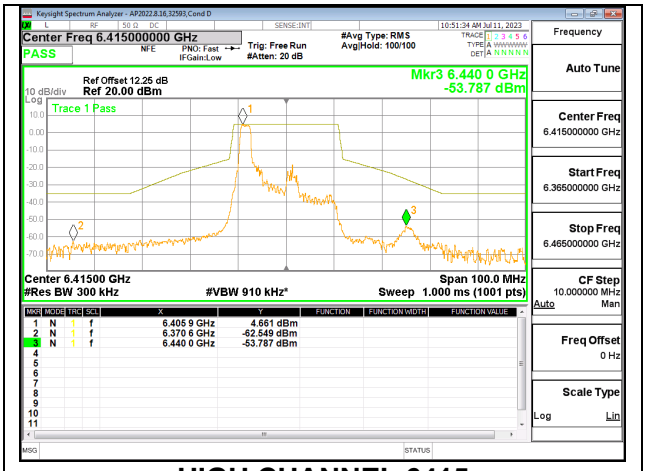
## 1TX Antenna 5 MODE (FCC) MOBILE – 26-Tones, RU Index 0




**LOW CHANNEL 5955**

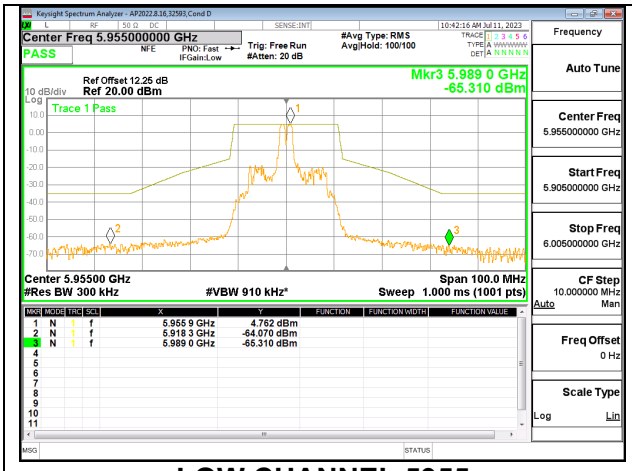



**MID CHANNEL 6175**

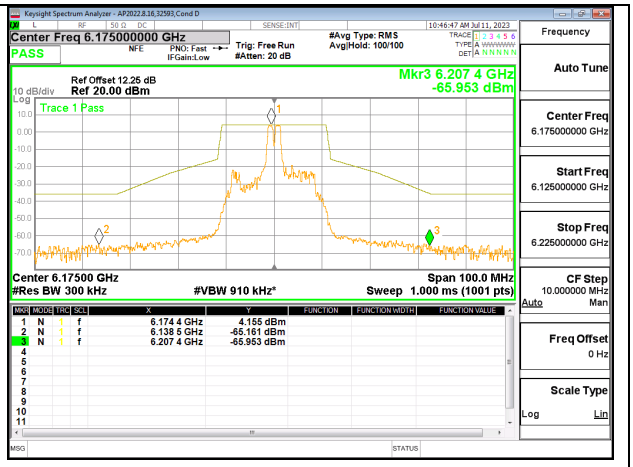



**HIGH CHANNEL 6415**

## 1TX Antenna 5 MODE (FCC) MOBILE – 26-Tones, RU Index 4




**LOW CHANNEL 5955**




**MID CHANNEL 6175**



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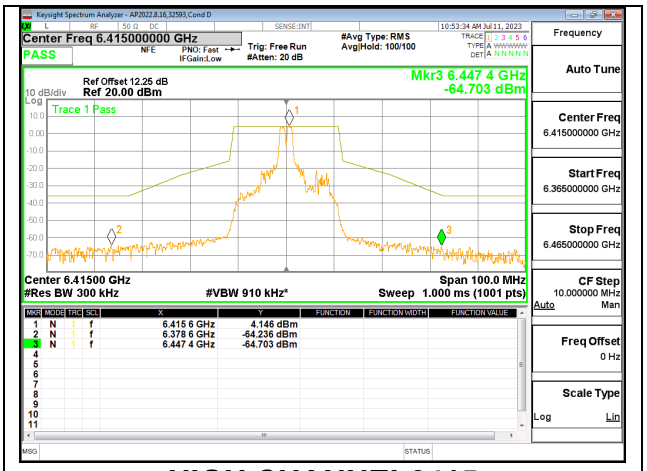
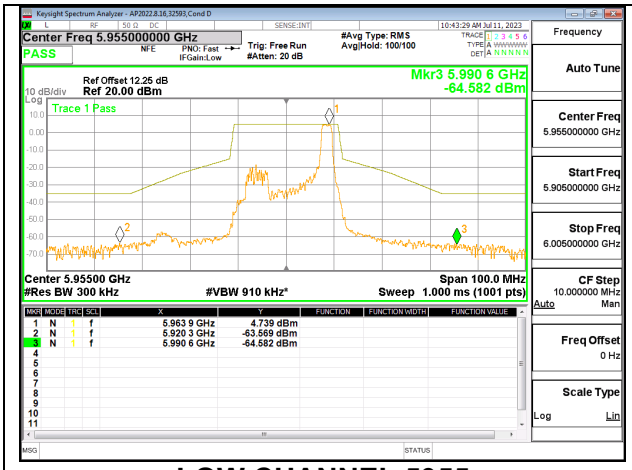
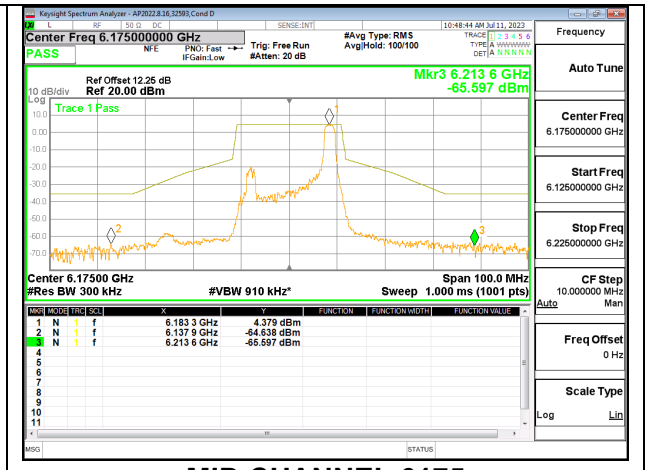



**HIGH CHANNEL6415**

## 1TX Antenna 5 MODE (FCC) MOBILE – 26-Tones, RU Index 8




**LOW CHANNEL 5955**

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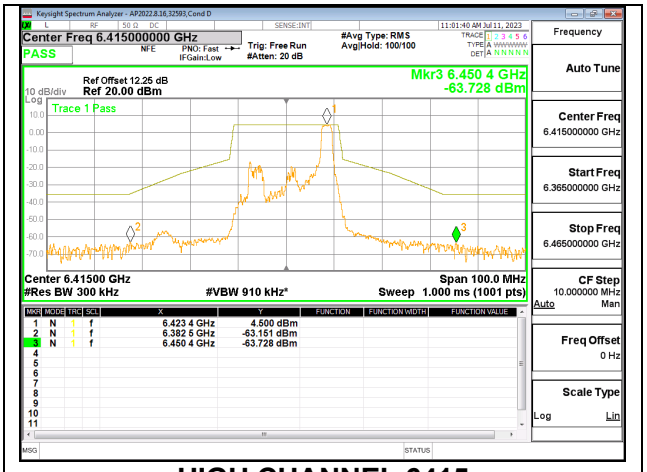


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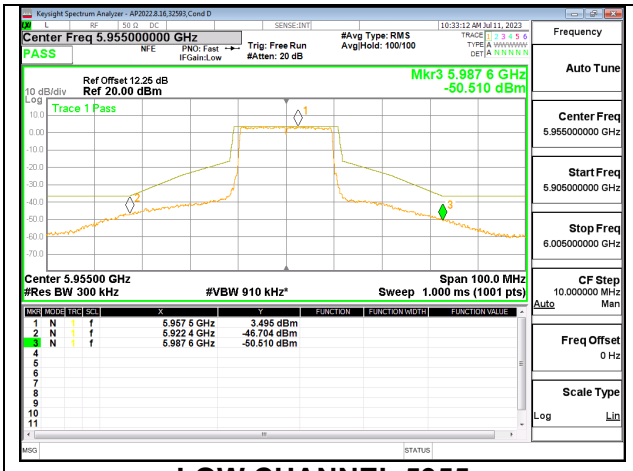
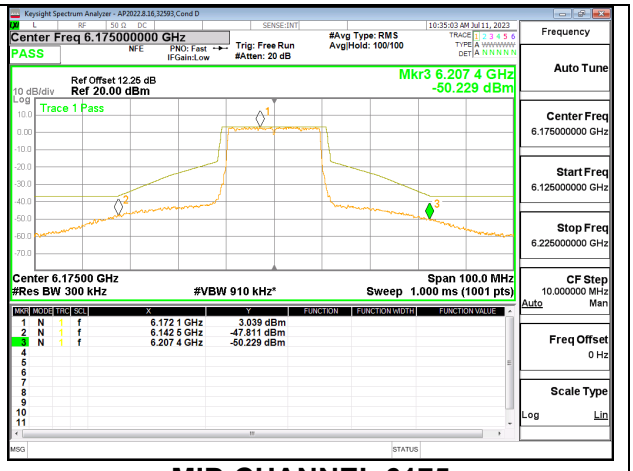
## 1TX Antenna 5 MODE (FCC) MOBILE – SU MODE




**LOW CHANNEL 5955**

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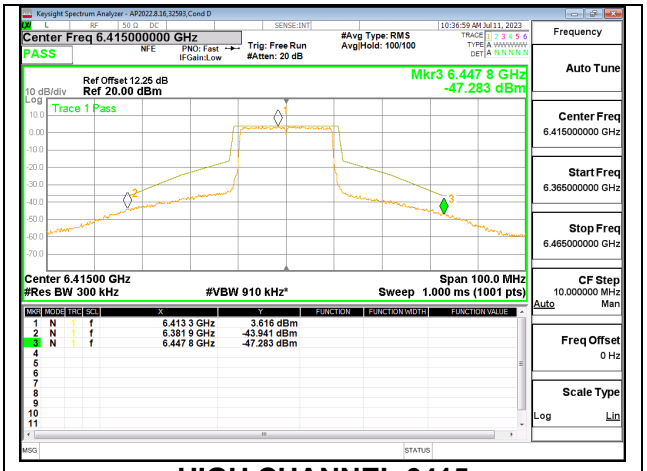


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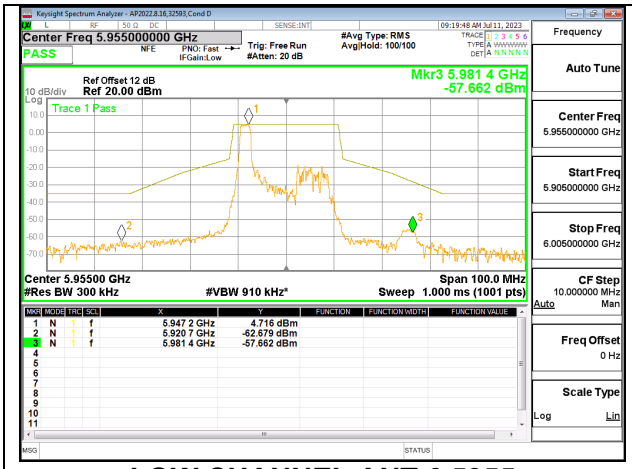
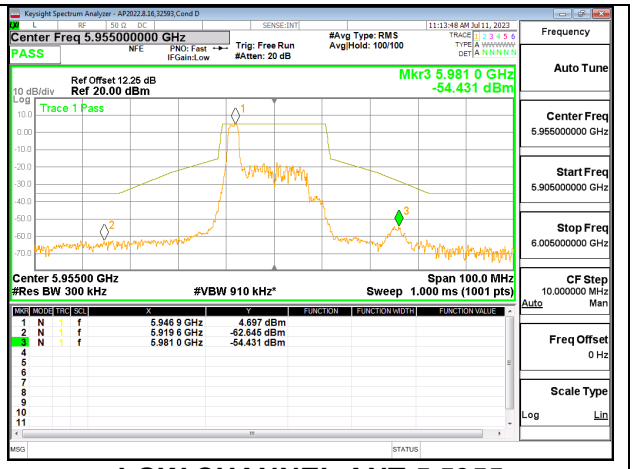
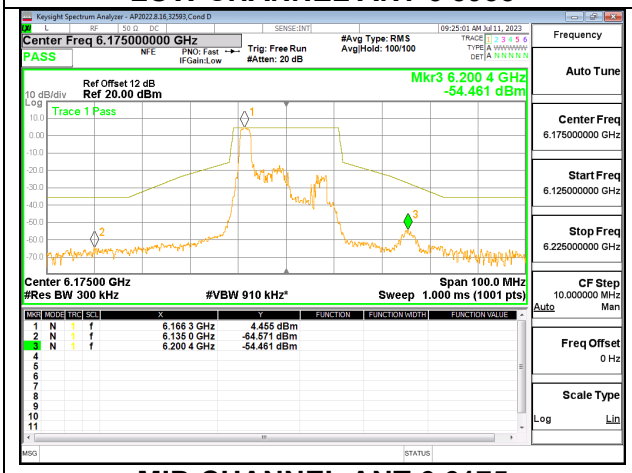
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index 0



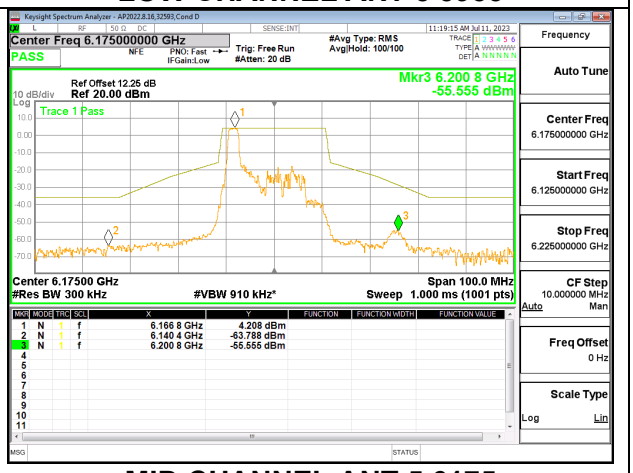

LOW CHANNEL ANT 6 5955



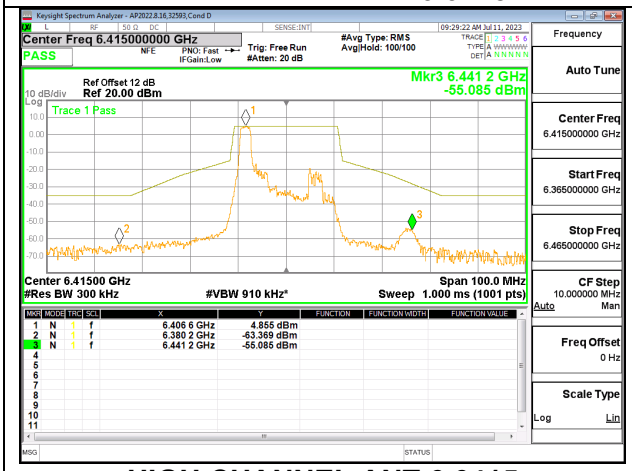

LOW CHANNEL ANT 5 5955



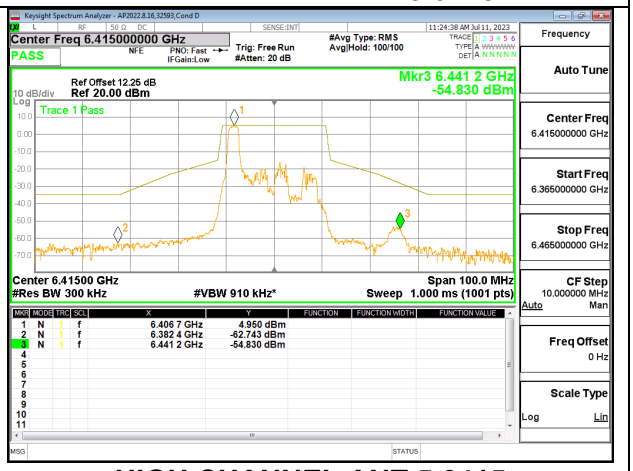

MID CHANNEL ANT 6 6175




MID CHANNEL ANT 5 6175




HIGH CHANNEL ANT 6 6415




HIGH CHANNEL ANT 5 6415



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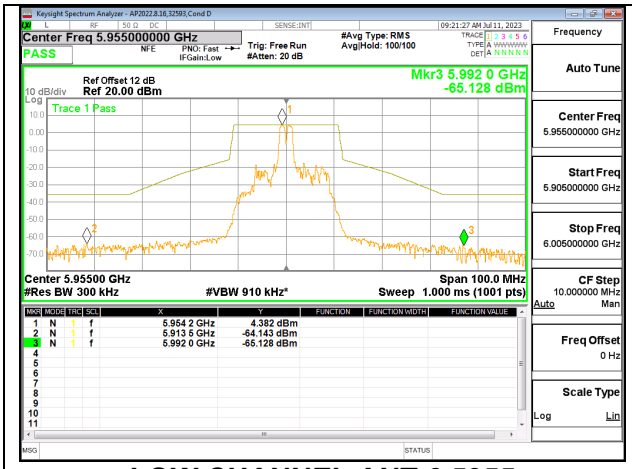
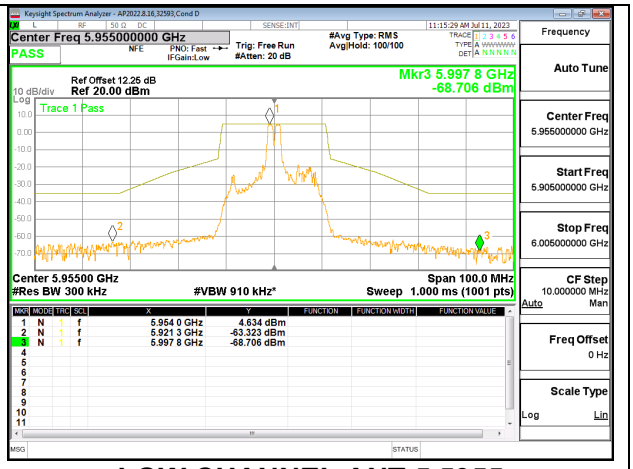
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index 4




LOW CHANNEL ANT 6 5955

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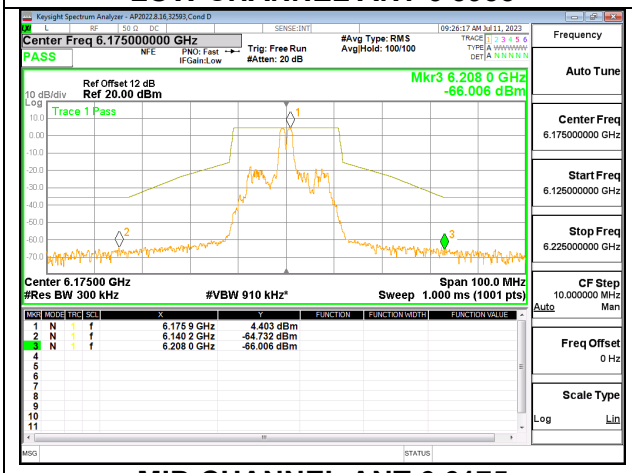


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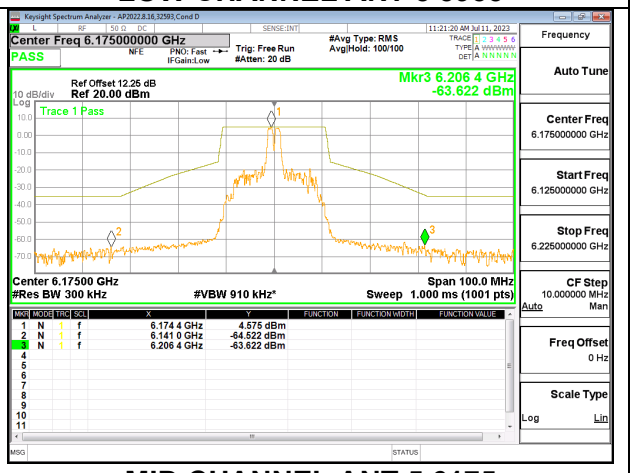
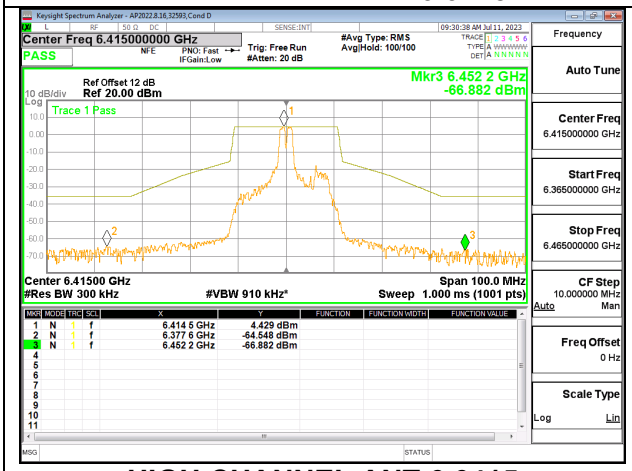



MID CHANNEL ANT 5 6175

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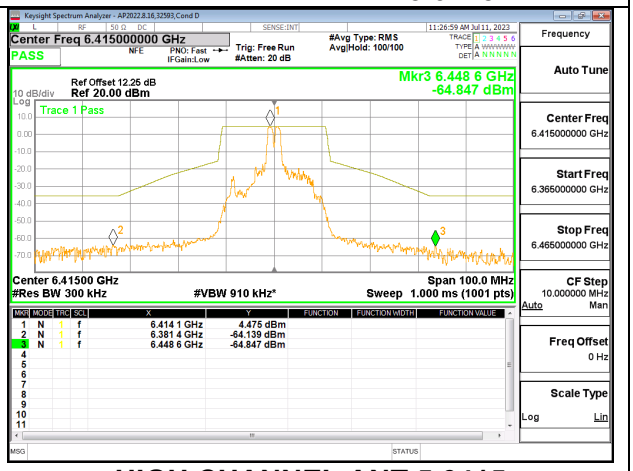


HIGH CHANNEL ANT 5 6415



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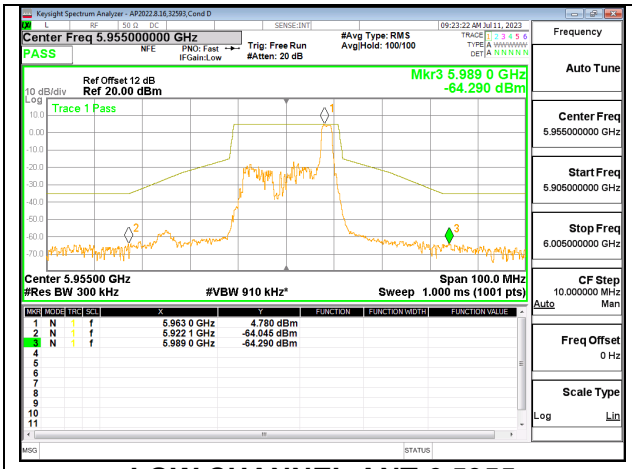
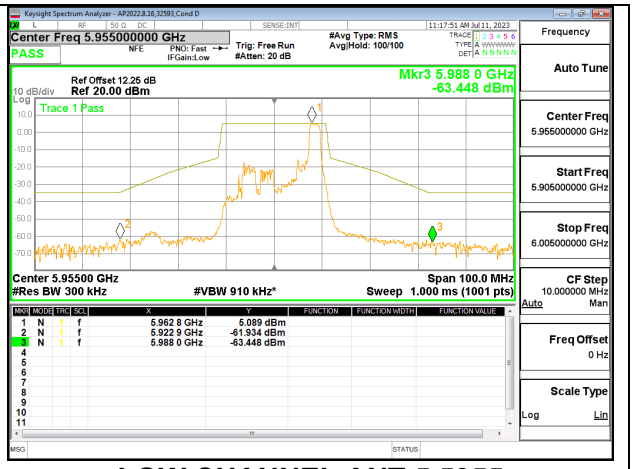
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index 8




LOW CHANNEL ANT 6 5955

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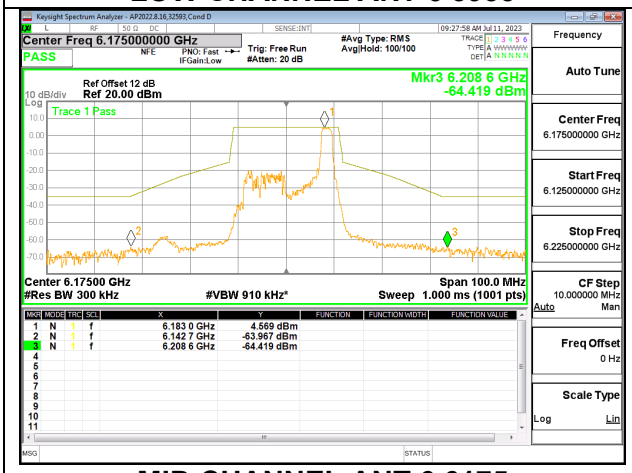


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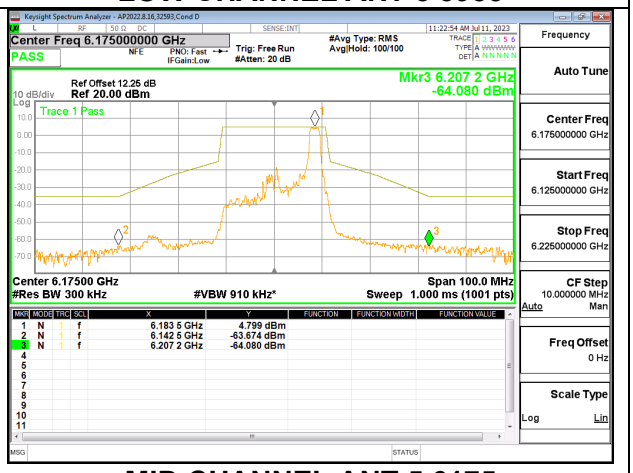


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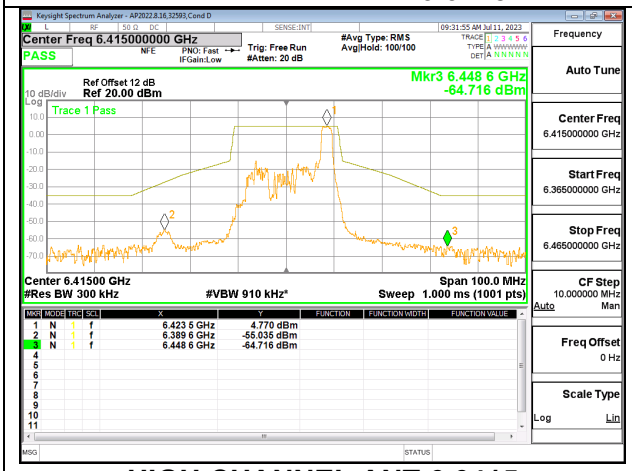
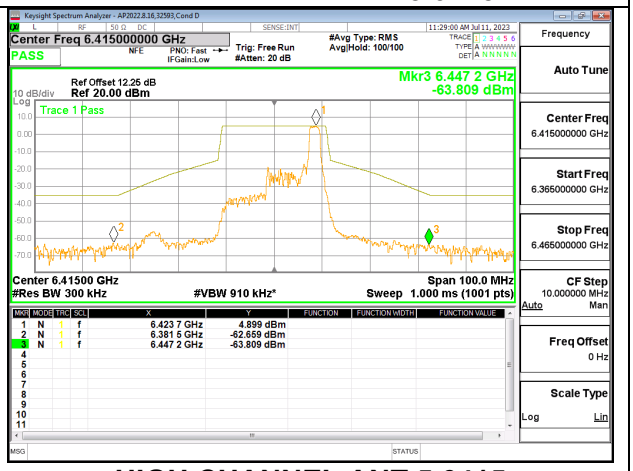



HIGH CHANNEL ANT 6 6415




HIGH CHANNEL ANT 5 6415



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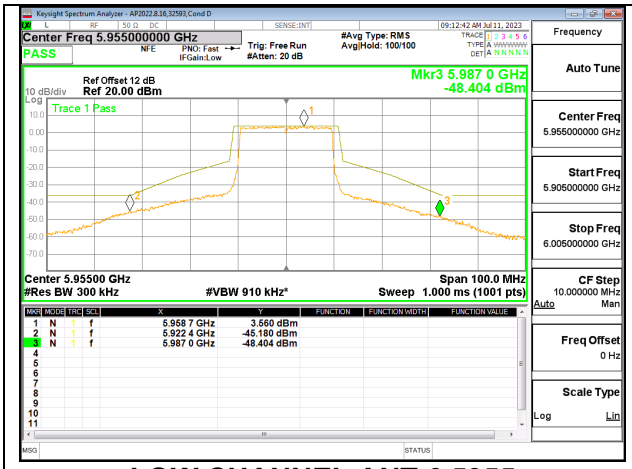
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – SU MODE

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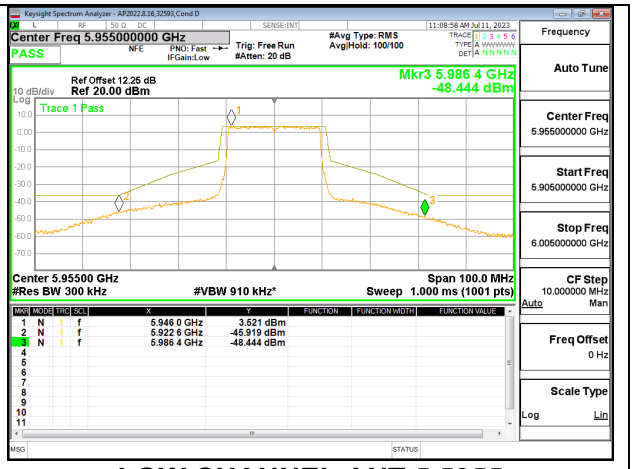


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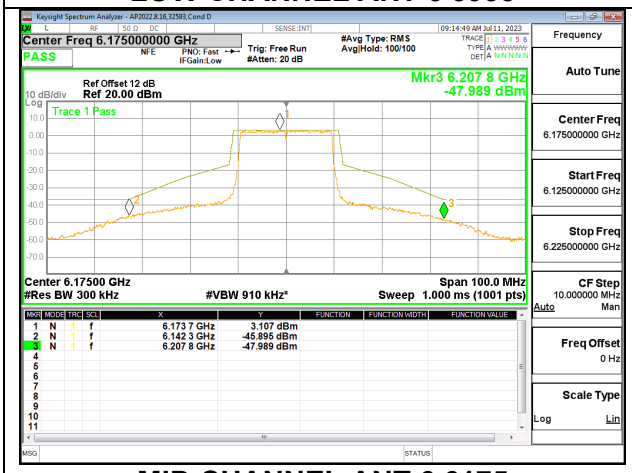


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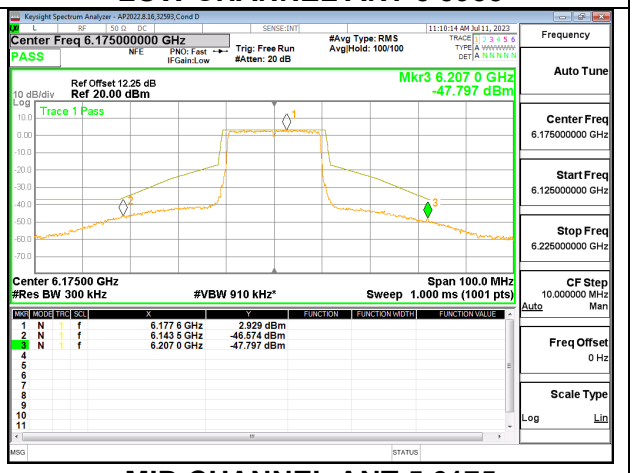


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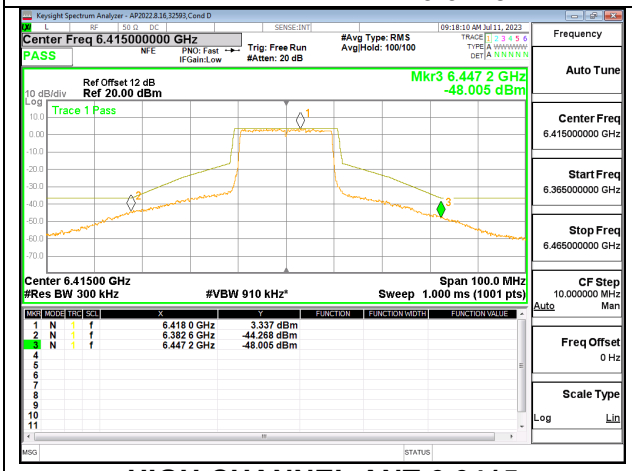
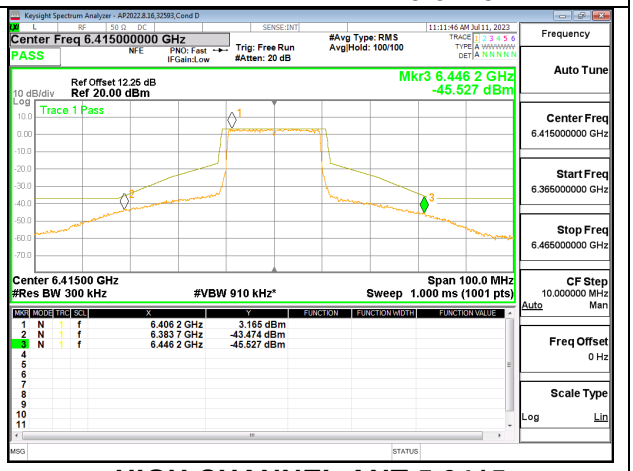



HIGH CHANNEL ANT 6 6415

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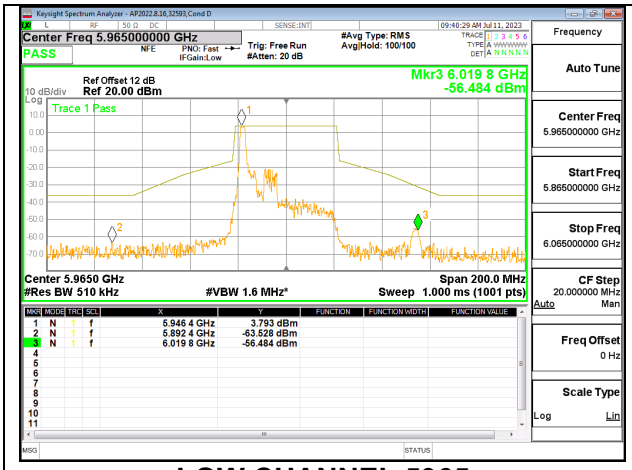
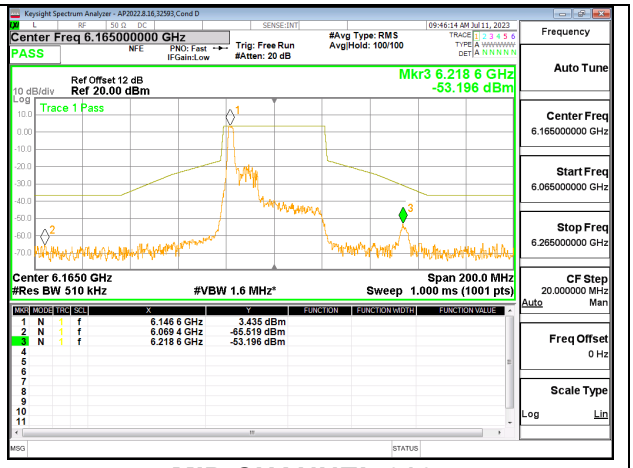
## 9.6.2. 802.11ax HE40 MODE IN THE UNII-5 BAND

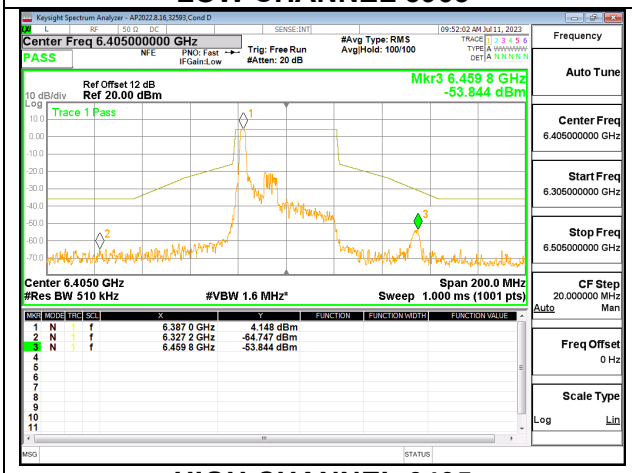
**1TX Antenna 6 MODE (FCC) MOBILE – 26-Tones, RU Index 0**




**LOW CHANNEL 5965**

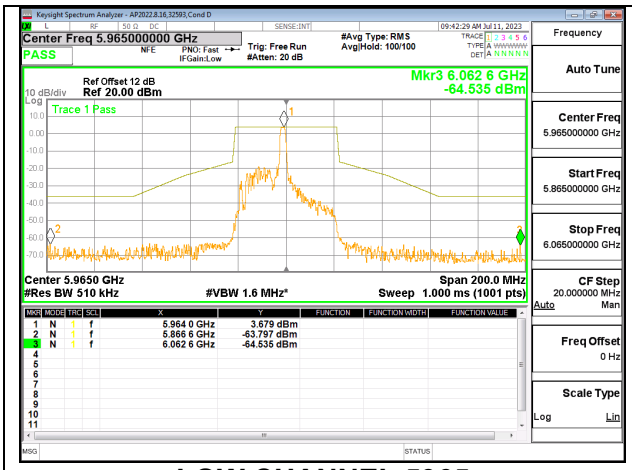



**MID CHANNEL 6165**

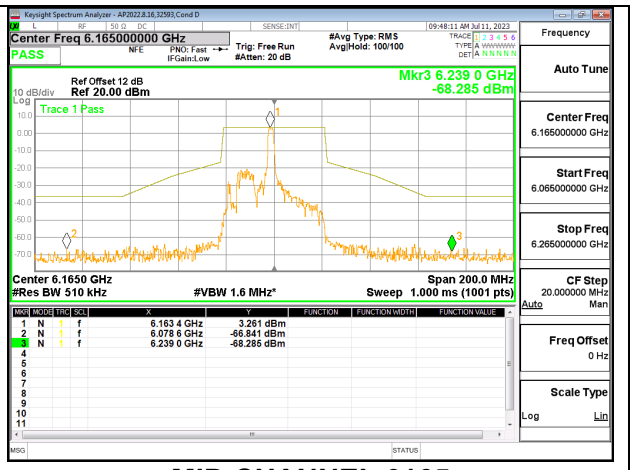



**HIGH CHANNEL 6405**

**1TX Antenna 6 MODE (FCC) MOBILE – 26-Tones, RU Index 8**




**LOW CHANNEL 5965**




**MID CHANNEL 6165**



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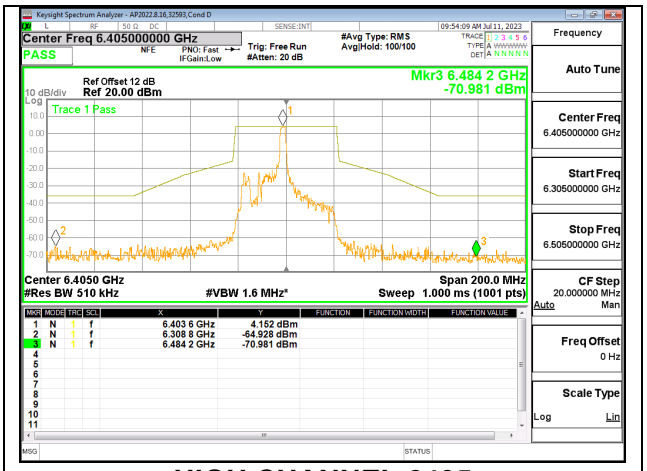
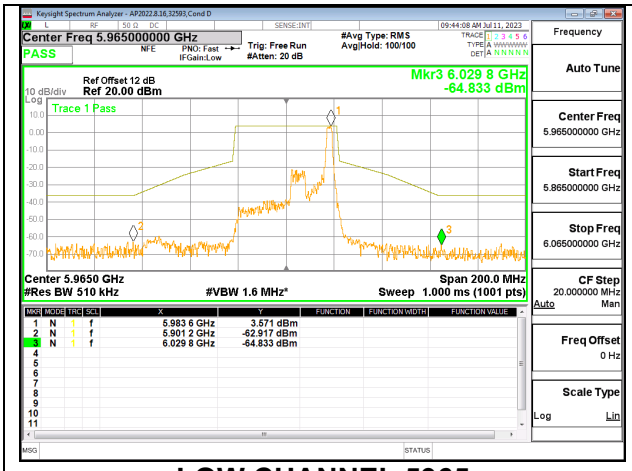
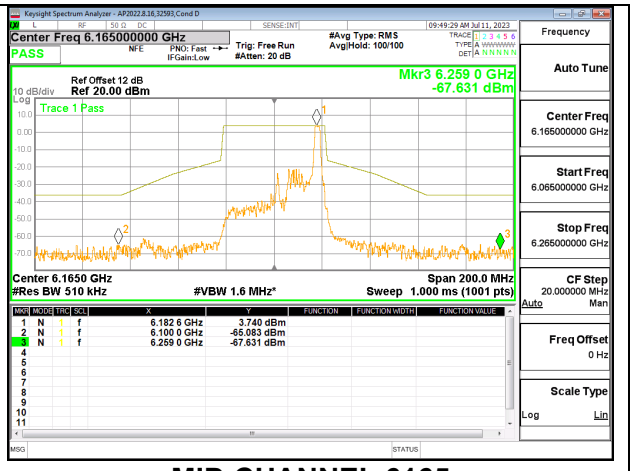



**HIGH CHANNEL 6405**

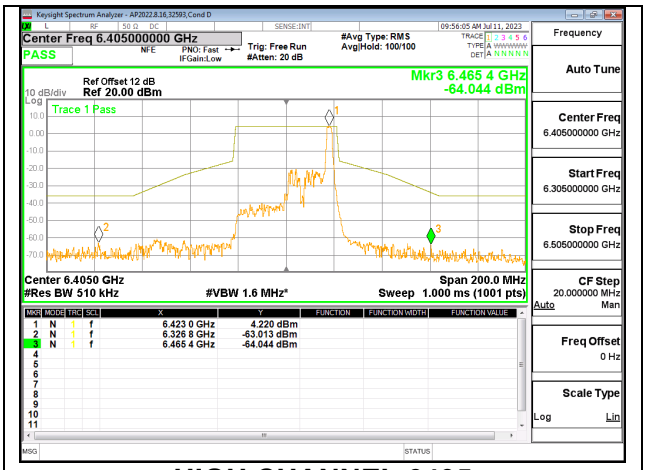
## 1TX Antenna 6 MODE (FCC) MOBILE – 26-Tones, RU Index 17




**LOW CHANNEL 5965**




**MID CHANNEL 6165**

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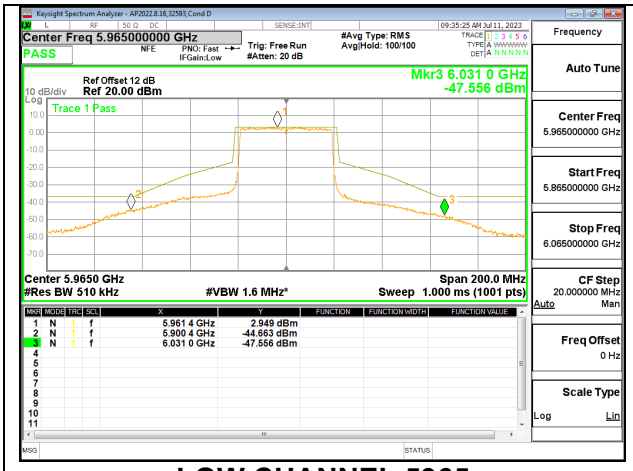
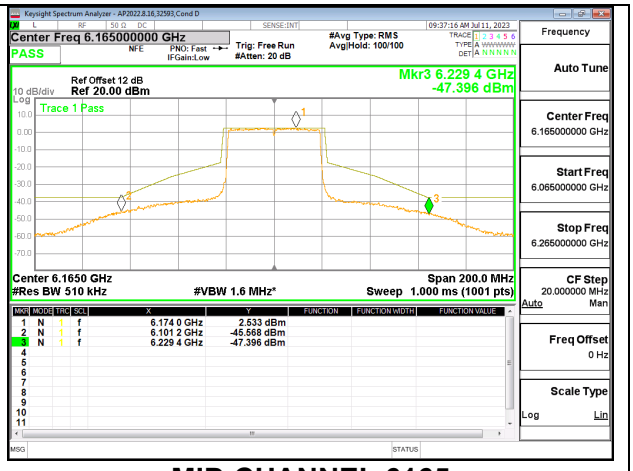
## 1TX Antenna 6 MODE (FCC) MOBILE – SU MODE




**LOW CHANNEL 5965**

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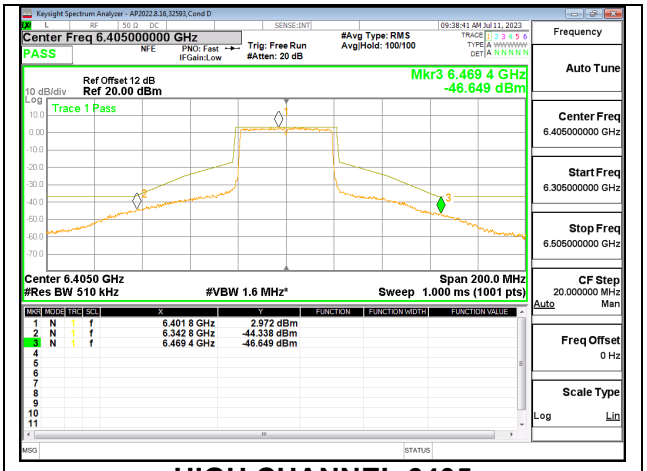


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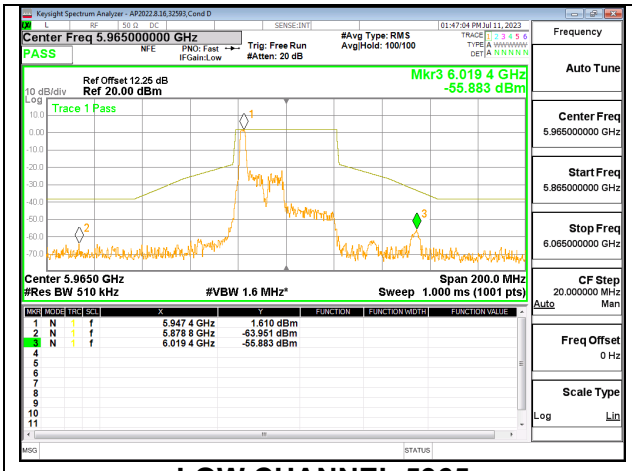
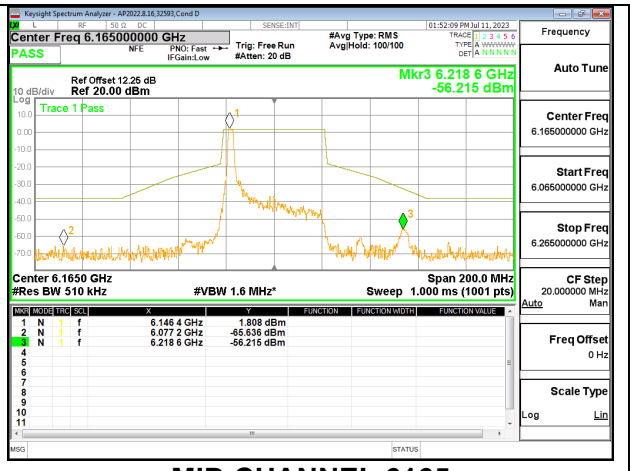
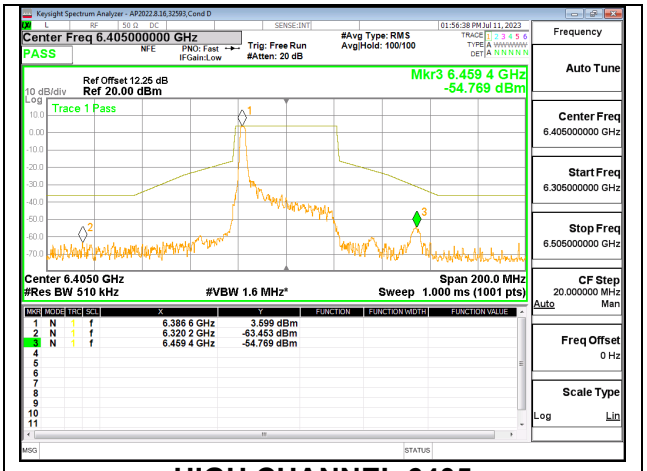
## 1TX Antenna 5 MODE (FCC) MOBILE – 26-Tones, RU Index 0




LOW CHANNEL 5965

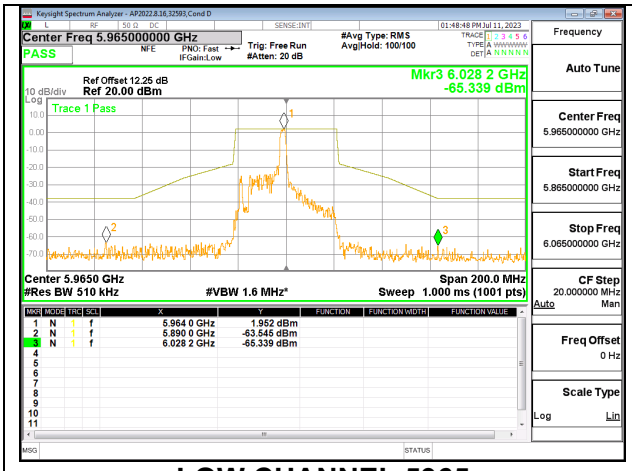



MID CHANNEL 6165

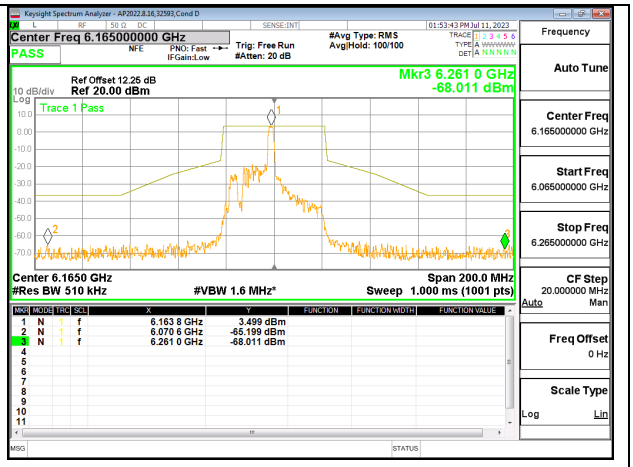



HIGH CHANNEL 6405

## 1TX Antenna 5 MODE (FCC) MOBILE – 26-Tones, RU Index 8




LOW CHANNEL 5965




MID CHANNEL 6165



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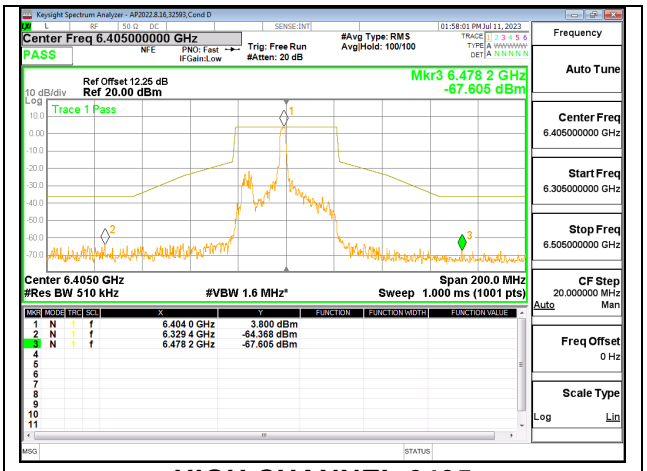
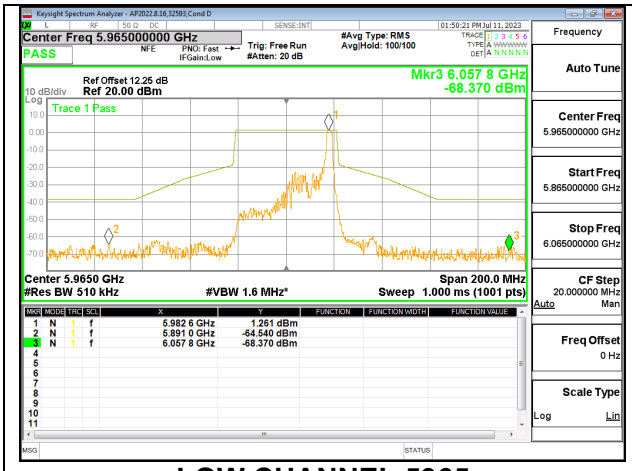
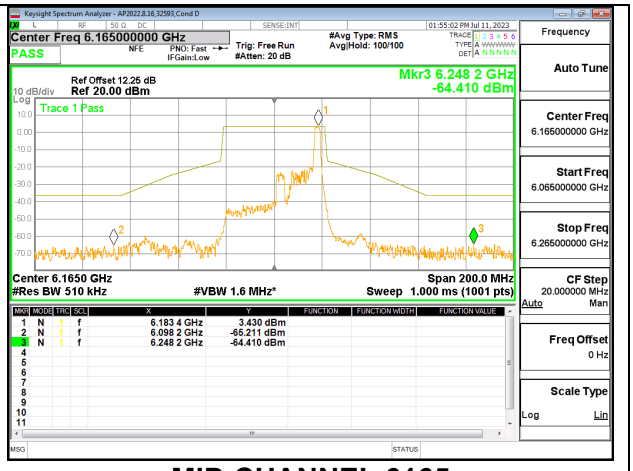



**HIGH CHANNEL 6405**

## 1TX Antenna 5 MODE (FCC) MOBILE – 26-Tones, RU Index 17




**LOW CHANNEL 5965**

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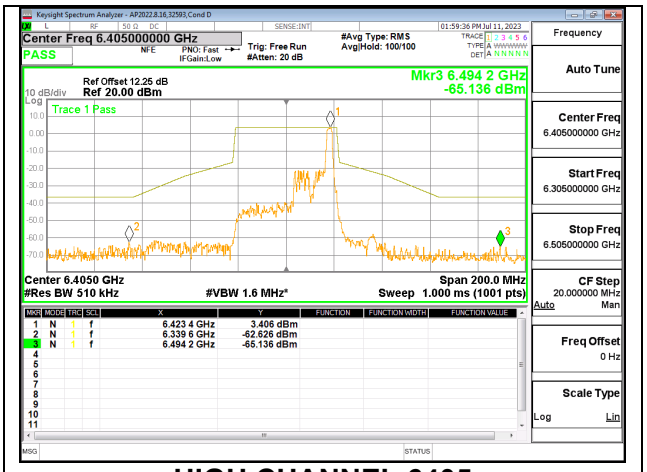


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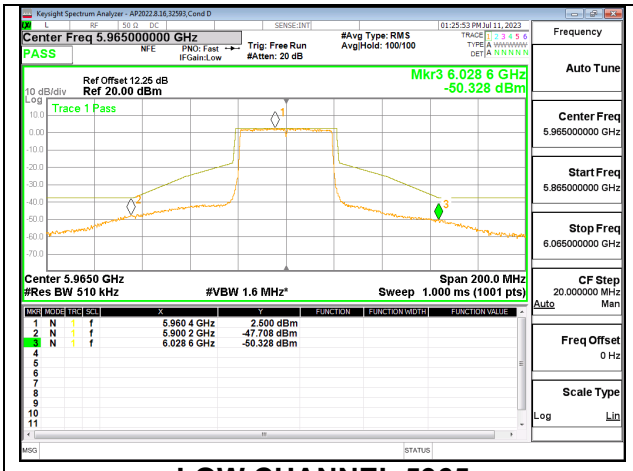
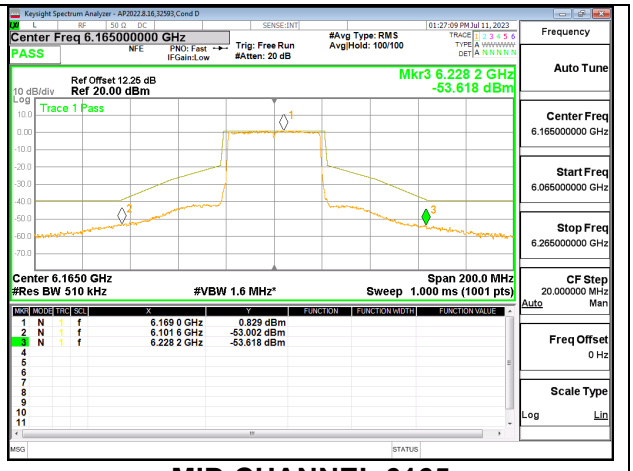
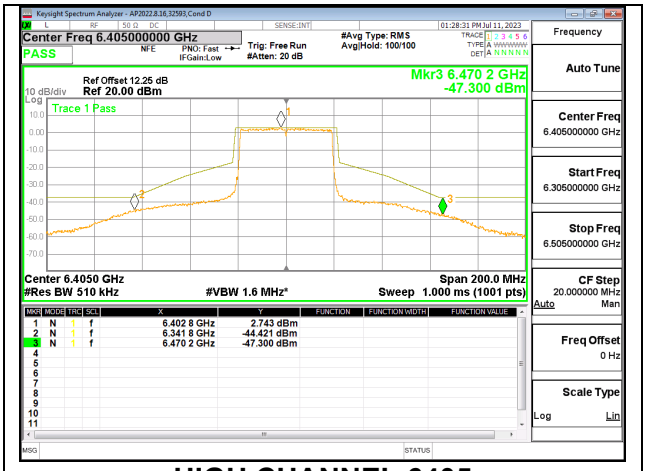
## 1TX Antenna 5 MODE (FCC) MOBILE – SU MODE




**LOW CHANNEL 5965**




**MID CHANNEL 6165**

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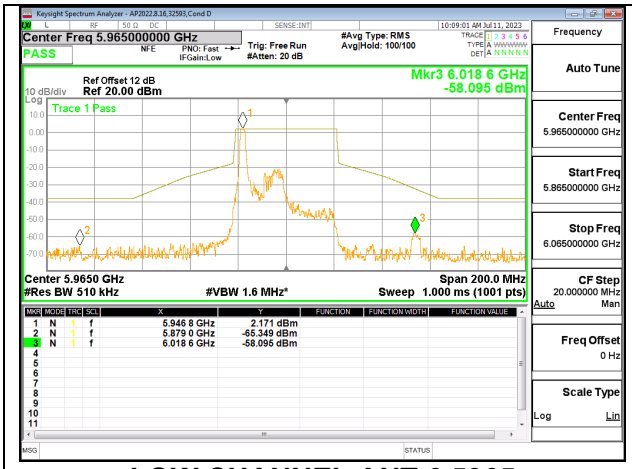
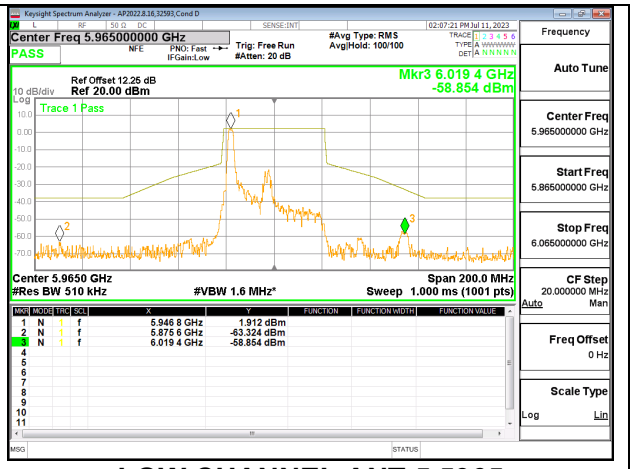
## 2TX Antenna 6 + Antenna 5 OFDMA MODE (FCC) – 26-Tones, RU Index 0




LOW CHANNEL ANT 6 5965

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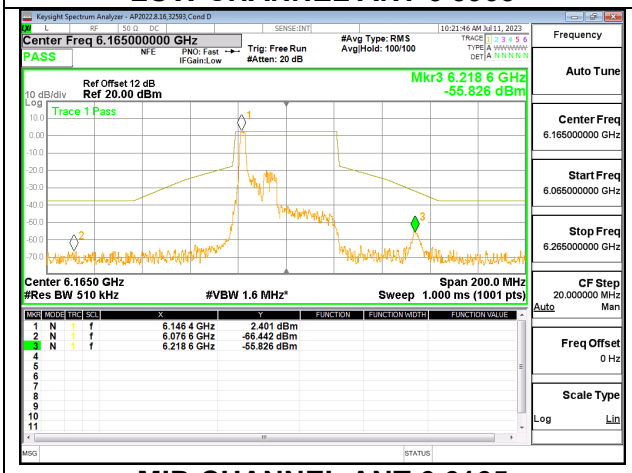


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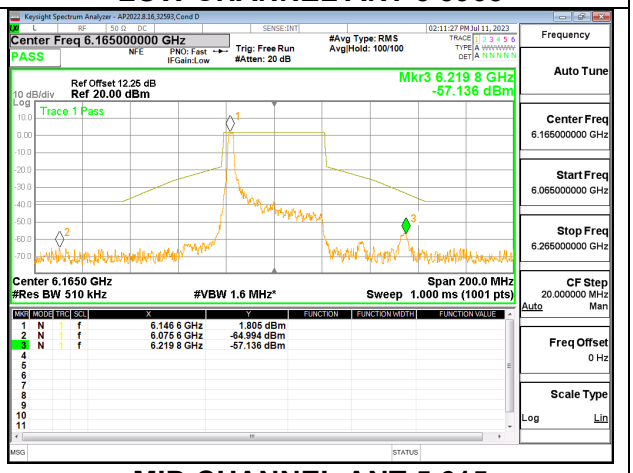
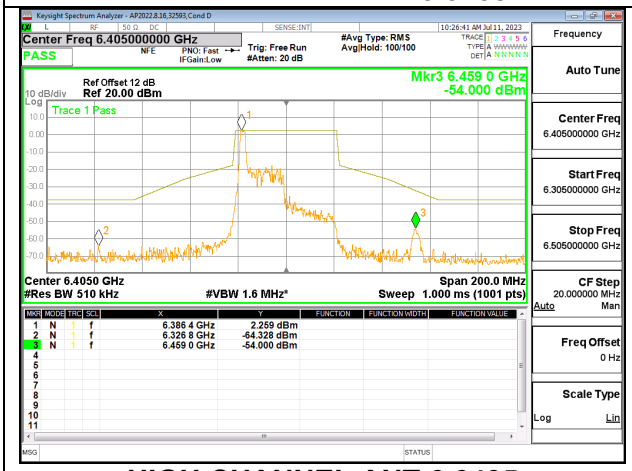
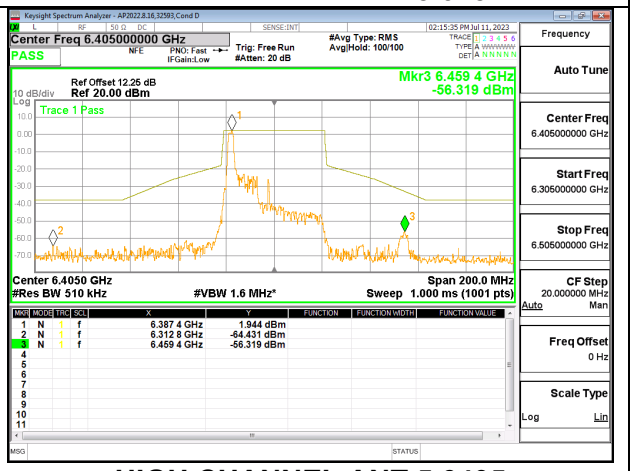



MID CHANNEL ANT 5 615




HIGH CHANNEL ANT 6 6405




HIGH CHANNEL ANT 5 6405



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