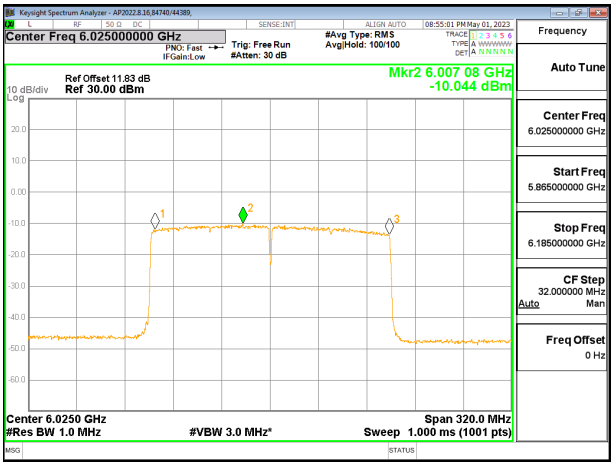
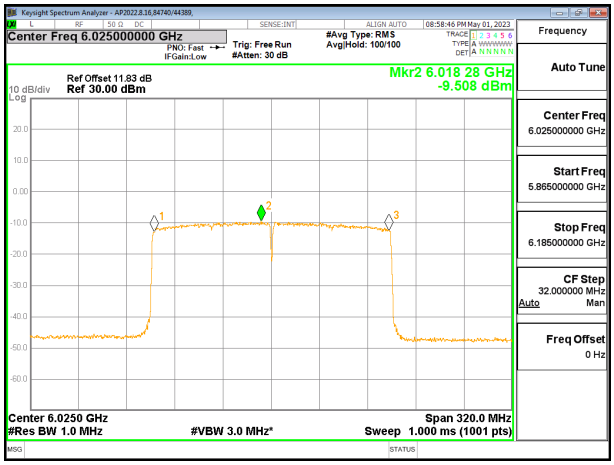
## LOW

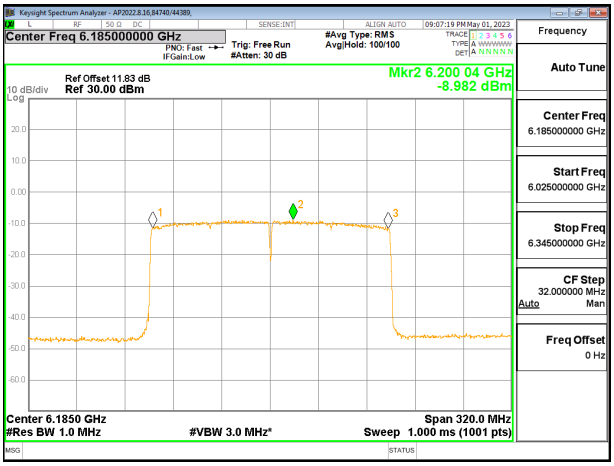



**LOW CHANNEL CHAIN 0**

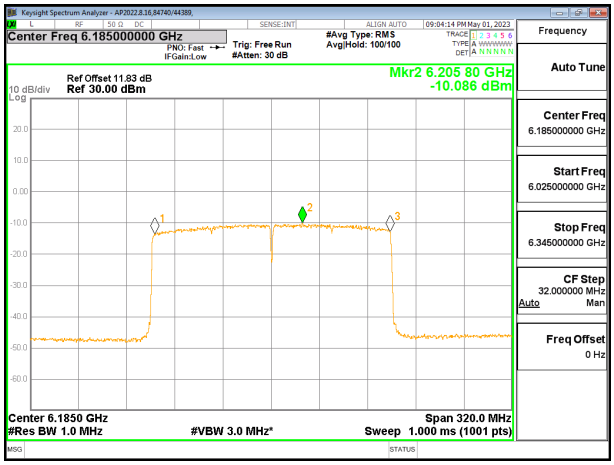



**LOW CHANNEL CHAIN 1**

## MID

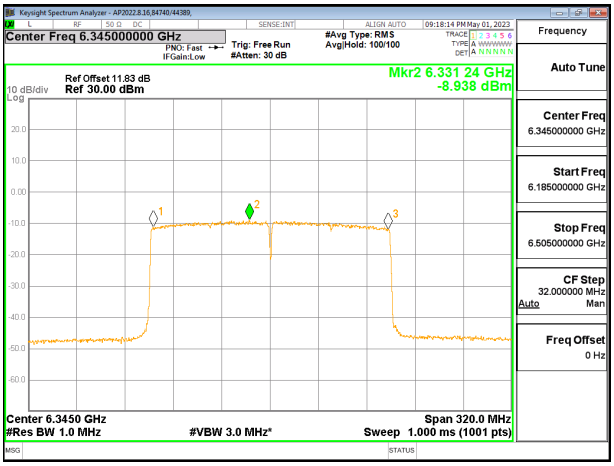



**MID CHANNEL CHAIN 0**

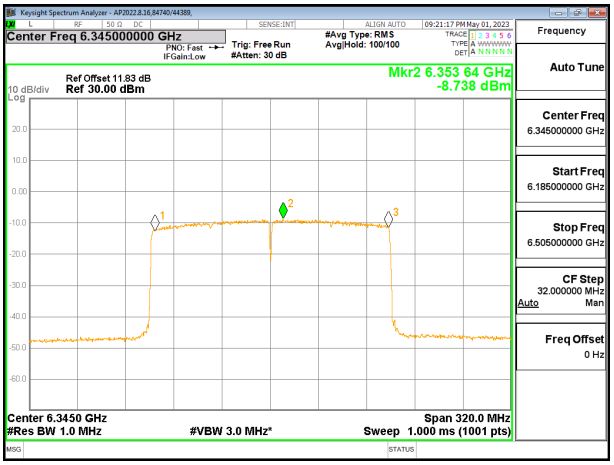



**MID CHANNEL CHAIN 1**

## HIGH




HIGH CHANNEL CHAIN 0




HIGH CHANNEL CHAIN 1

## 9.2.6. 802.11a MODE 2TX IN THE UNII-6 BAND

**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – LOW POWER INDOOR**

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low | 6435 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid | 6475 | -0.73 | 2.27 | 24.00 | -1.00 |
| High | 6515 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.19 | **Included in Calculations of Corr'd PSD** |

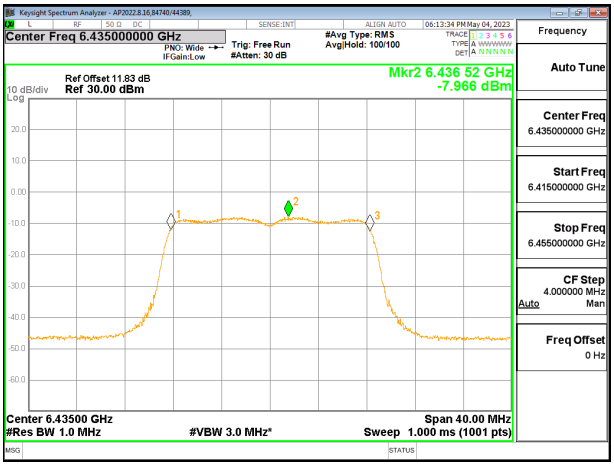
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low | 6435 | 2.43 | 3.34 | 5.19 | 24.00 | -18.81 |
| Mid | 6475 | 2.37 | 3.70 | 5.37 | 24.00 | -18.63 |
| High | 6515 | 1.76 | 3.75 | 5.15 | 24.00 | -18.85 |

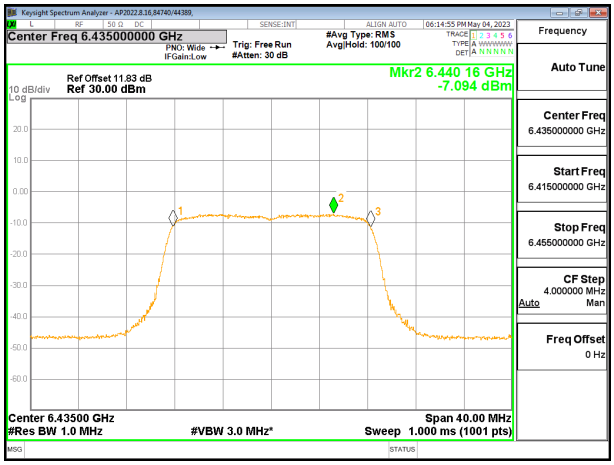
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low | 6435 | -7.97 | -7.09 | -2.04 | -1.00 | -1.04 |
| Mid | 6475 | -8.00 | -7.23 | -2.13 | -1.00 | -1.13 |
| High | 6515 | -9.16 | -6.86 | -2.39 | -1.00 | -1.39 |

## LOW

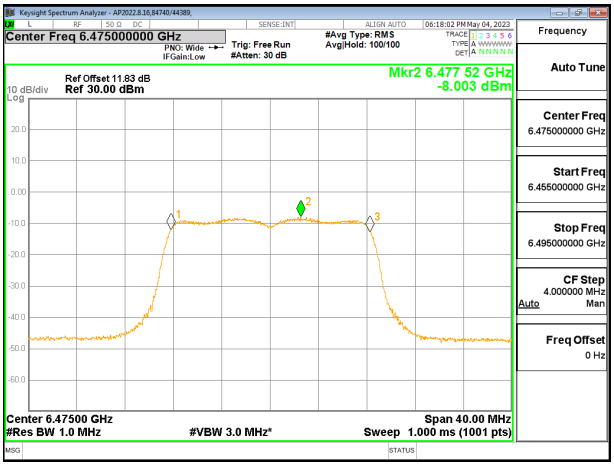



**LOW CHANNEL CHAIN 0**

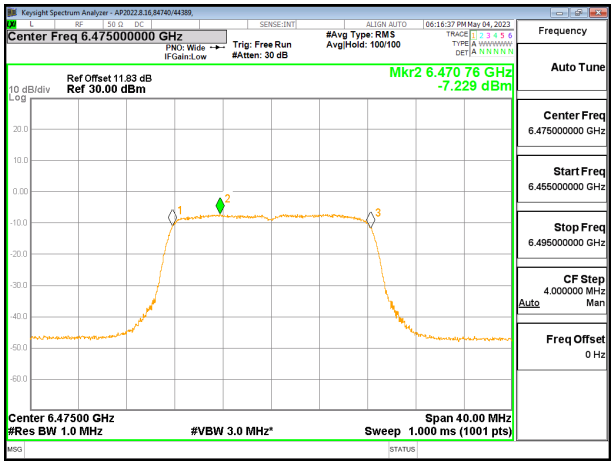



**LOW CHANNEL CHAIN 1**

## MID

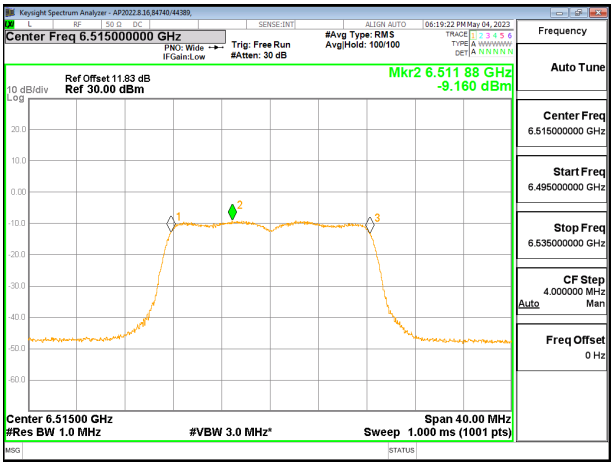



**MID CHANNEL CHAIN 0**

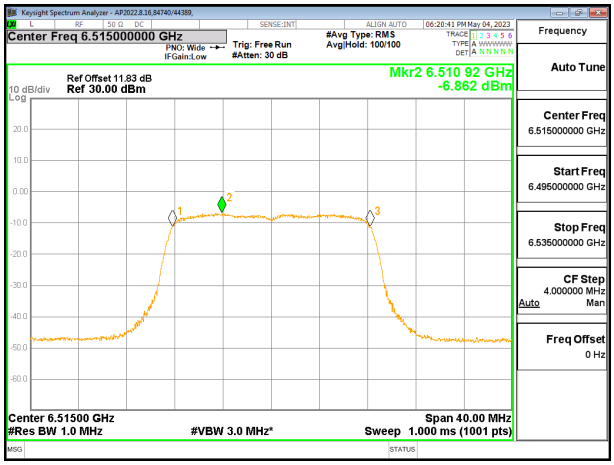



**MID CHANNEL CHAIN 1**

## HIGH




**HIGH CHANNEL CHAIN 0**




**HIGH CHANNEL CHAIN 1**

## 9.2.7. 802.11ax HE20 MODE 2TX IN THE UNII-6 BAND

**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – LOW POWER INDOOR**

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU0) | 6435 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid (RU4) | 6475 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU8) | 6515 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU0) | 6435 | -4.21 | -4.35 | -2.00 | 24.00 | -26.00 |
| Mid (RU4) | 6475 | -4.42 | -3.87 | -1.86 | 24.00 | -25.86 |
| High (RU8) | 6515 | -4.84 | -4.00 | -2.12 | 24.00 | -26.12 |

**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU0) | 6435 | -7.11 | -7.36 | -1.95 | -1.00 | -0.95 |
| Mid (RU4) | 6475 | -8.31 | -7.73 | -2.73 | -1.00 | -1.73 |
| High (RU8) | 6515 | -7.86 | -6.70 | -1.96 | -1.00 | -0.96 |

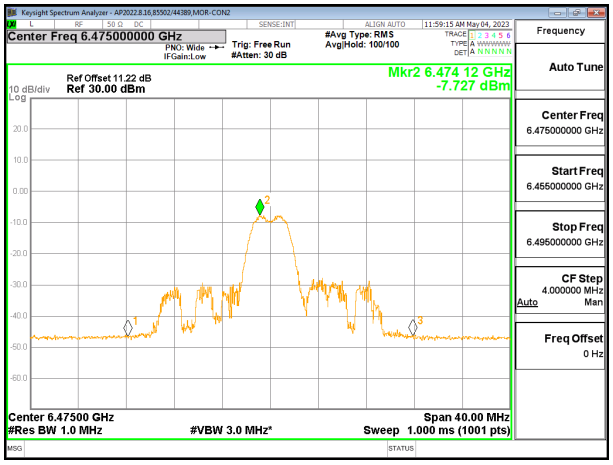
## LOW


LOW CHANNEL CHAIN 0


LOW CHANNEL CHAIN 1

## MID


MID CHANNEL CHAIN 0




MID CHANNEL CHAIN 1

## HIGH


HIGH CHANNEL CHAIN 0


HIGH CHANNEL CHAIN 1

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – LOW POWER INDOOR

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU37) | 6435 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid (RU38) | 6475 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU40) | 6515 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

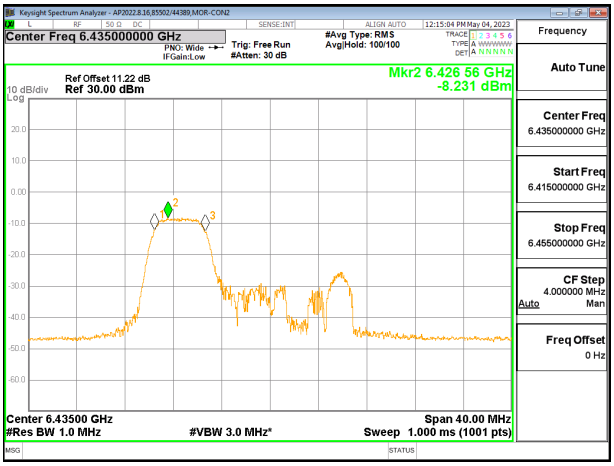
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU37) | 6435 | -2.19 | -2.49 | -0.06 | 24.00 | -24.06 |
| Mid (RU38) | 6475 | -2.47 | -1.94 | 0.08 | 24.00 | -23.92 |
| High (RU40) | 6515 | -2.55 | -1.84 | 0.10 | 24.00 | -23.90 |

**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU37) | 6435 | -8.23 | -8.24 | -2.95 | -1.00 | -1.95 |
| Mid (RU38) | 6475 | -7.96 | -7.29 | -2.33 | -1.00 | -1.33 |
| High (RU40) | 6515 | -8.29 | -6.99 | -2.31 | -1.00 | -1.31 |

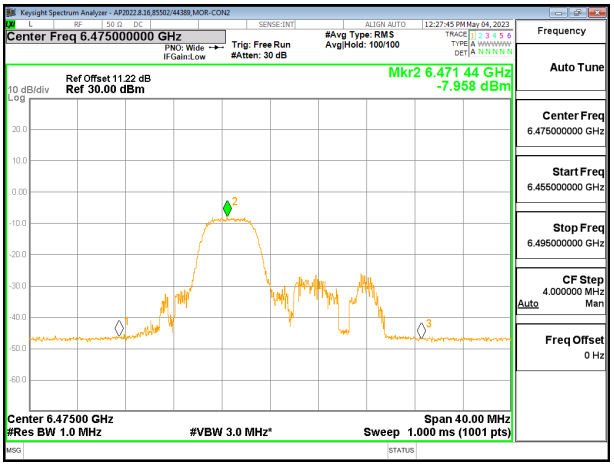
## LOW



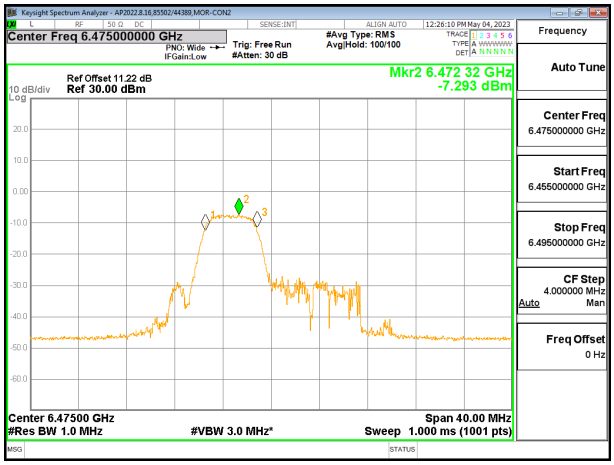

**LOW CHANNEL CHAIN 0**


**LOW CHANNEL CHAIN 1**

## MID

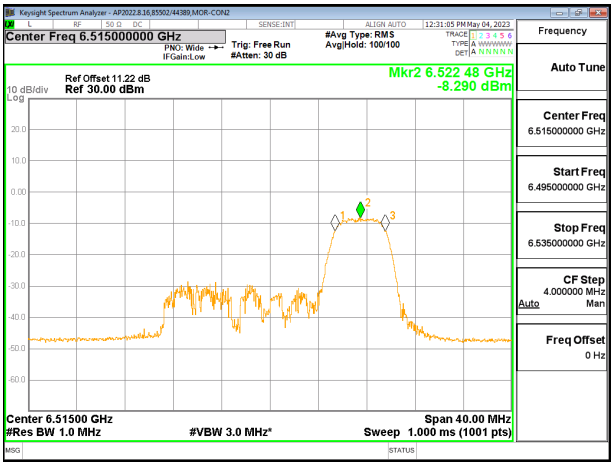



**MID CHANNEL CHAIN 0**

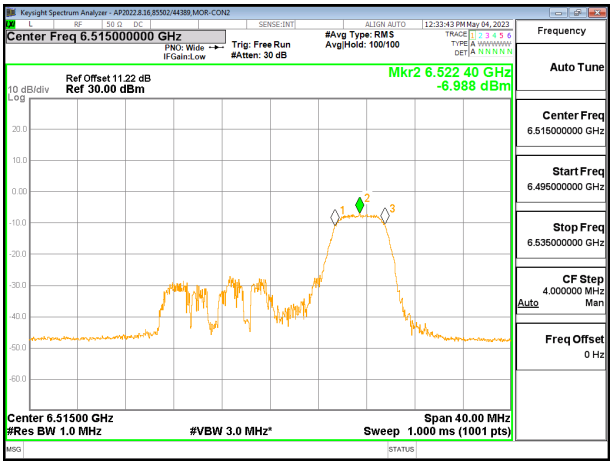



**MID CHANNEL CHAIN 1**

## HIGH




**HIGH CHANNEL CHAIN 0**




**HIGH CHANNEL CHAIN 1**

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – LOW POWER INDOOR

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU53) | 6435 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid (RU53) | 6475 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU54) | 6515 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

**Output Power Results**

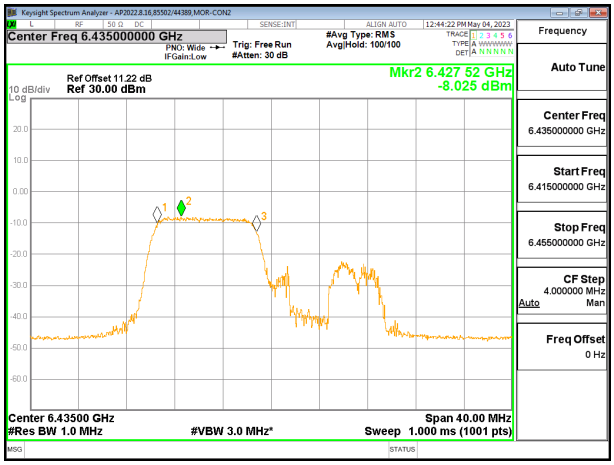
| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU53) | 6435 | 0.78 | 0.43 | 2.89 | 24.00 | -21.11 |
| Mid (RU53) | 6475 | 0.36 | 0.79 | 2.86 | 24.00 | -21.14 |
| High (RU54) | 6515 | 0.43 | 1.47 | 3.26 | 24.00 | -20.74 |

**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU53) | 6435 | -7.71 | -8.03 | -2.58 | -1.00 | -1.58 |
| Mid (RU53) | 6475 | -8.34 | -7.35 | -2.53 | -1.00 | -1.53 |
| High (RU54) | 6515 | -8.23 | -7.22 | -2.41 | -1.00 | -1.41 |

## LOW


LOW CHANNEL CHAIN 0



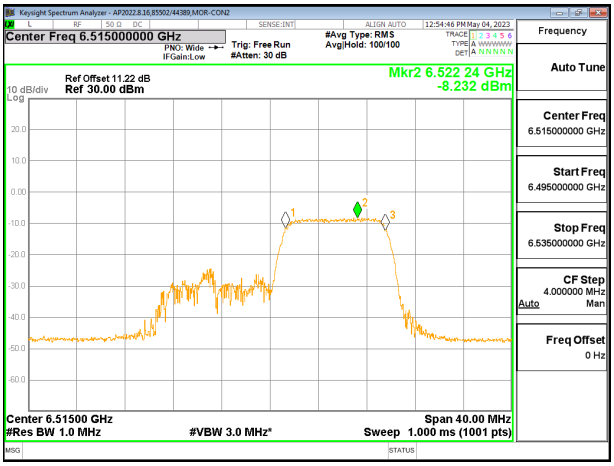

LOW CHANNEL CHAIN 1

## MID

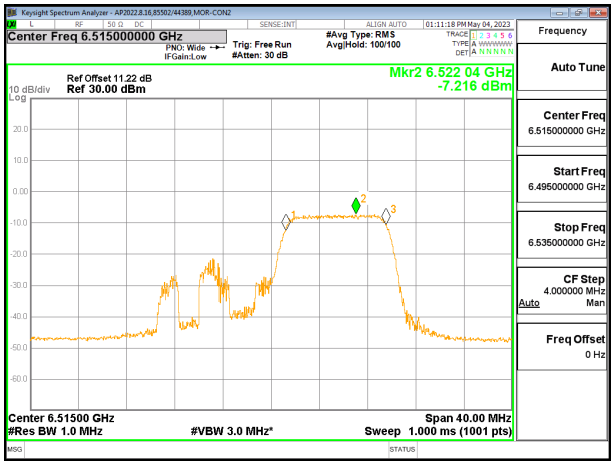

MID CHANNEL CHAIN 0


MID CHANNEL CHAIN 1

## HIGH




**HIGH CHANNEL CHAIN 0**




**HIGH CHANNEL CHAIN 1**

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 242T – LOW POWER INDOOR

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU61) | 6435 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid (RU61) | 6475 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU61) | 6515 | -0.73 | 2.27 | 24.00 | -1.00 |

| Duty Cycle CF (dB) | 0.00 | Included in Calculations of Corr'd PSD |
|---|---|---|

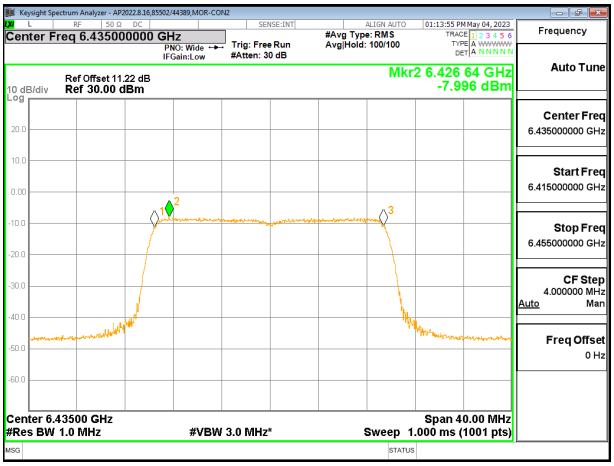
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU61) | 6435 | 3.31 | 4.02 | 5.96 | 24.00 | -18.04 |
| Mid (RU61) | 6475 | 3.51 | 4.43 | 6.27 | 24.00 | -17.73 |
| High (RU61) | 6515 | 2.88 | 4.86 | 6.26 | 24.00 | -17.74 |

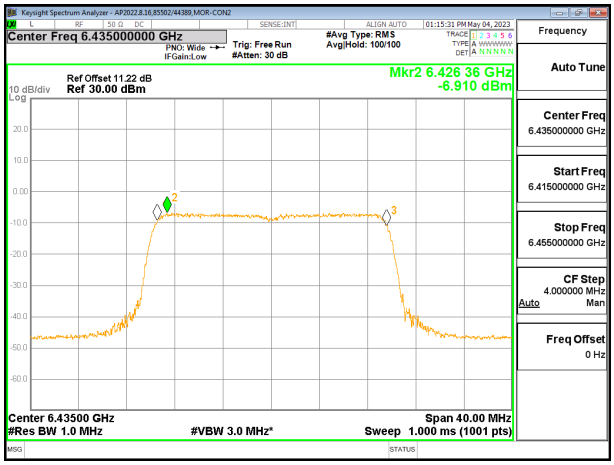
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU61) | 6435 | -8.00 | -6.91 | -2.14 | -1.00 | -1.14 |
| Mid (RU61) | 6475 | -7.99 | -6.33 | -1.80 | -1.00 | -0.80 |
| High (RU61) | 6515 | -8.56 | -6.03 | -1.83 | -1.00 | -0.83 |

## LOW

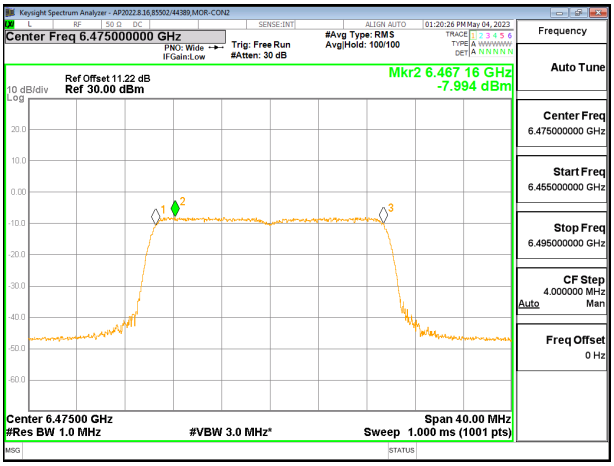



**LOW CHANNEL CHAIN 0**

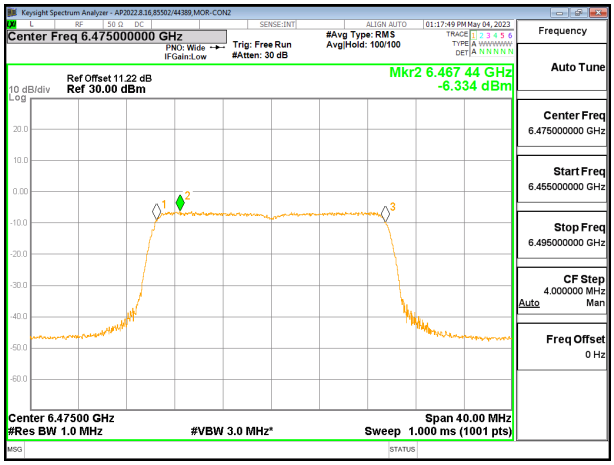



**LOW CHANNEL CHAIN 1**

## MID

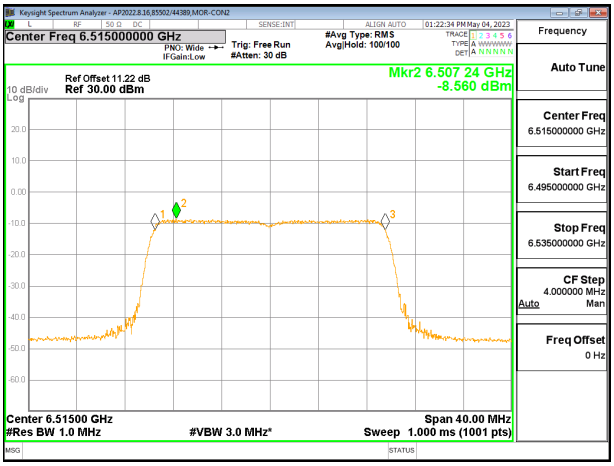



**MID CHANNEL CHAIN 0**

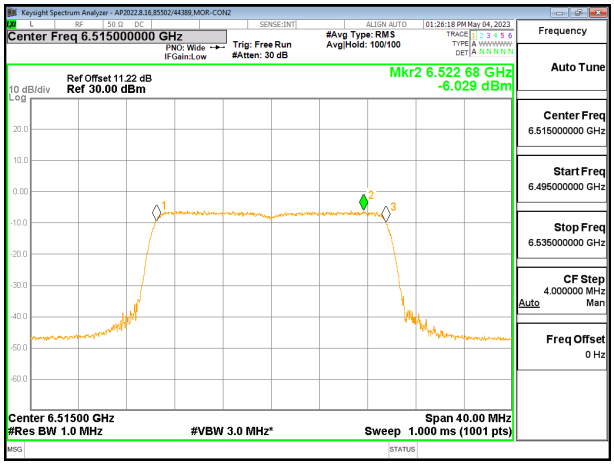



**MID CHANNEL CHAIN 1**

## HIGH




**HIGH CHANNEL CHAIN 0**




**HIGH CHANNEL CHAIN 1**

## 9.2.8. 802.11ax HE40 MODE 2TX IN THE UNII-6 BAND

**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 484T – LOW POWER INDOOR**

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU 65) | 6445 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid (RU 65) | 6485 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU 65) | 6525 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

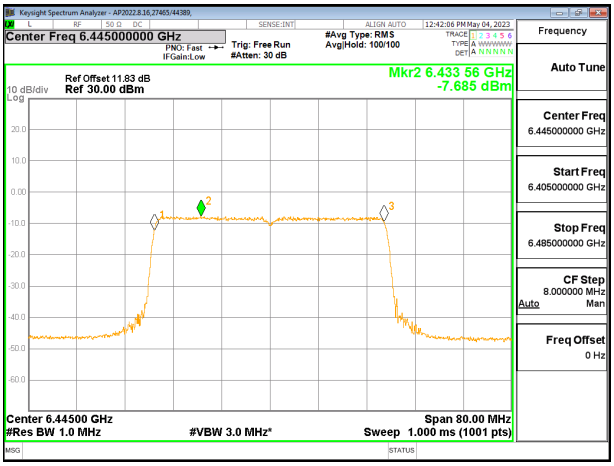
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU 65) | 6445 | 6.68 | 7.20 | 9.23 | 24.00 | -14.77 |
| Mid (RU 65) | 6485 | 6.20 | 7.55 | 9.21 | 24.00 | -14.79 |
| High (RU 65) | 6525 | 6.00 | 7.63 | 9.17 | 24.00 | -14.83 |

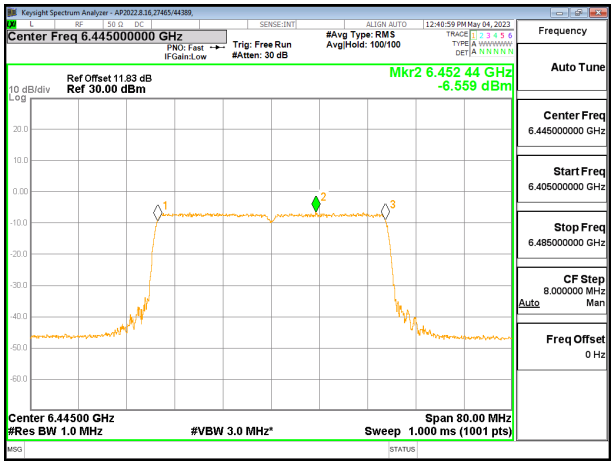
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU 65) | 6445 | -7.69 | -6.56 | -1.81 | -1.00 | -0.81 |
| Mid (RU 65) | 6485 | -8.07 | -6.41 | -1.88 | -1.00 | -0.88 |
| High (RU 65) | 6525 | -8.28 | -6.39 | -1.95 | -1.00 | -0.95 |

## LOW

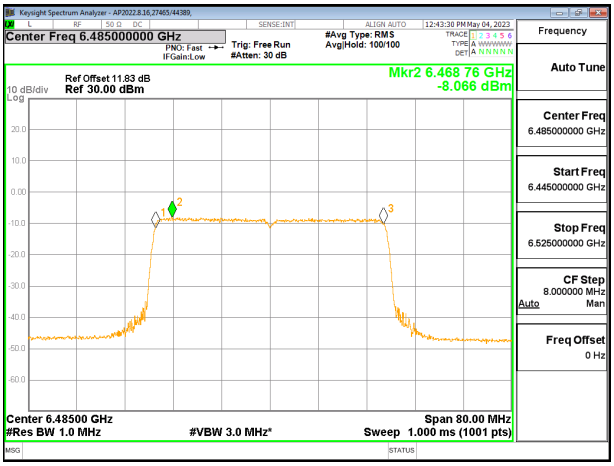



LOW CHANNEL CHAIN 0

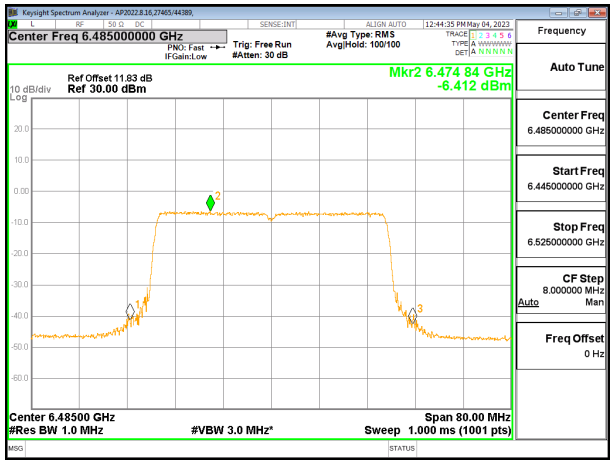



LOW CHANNEL CHAIN 1

## MID

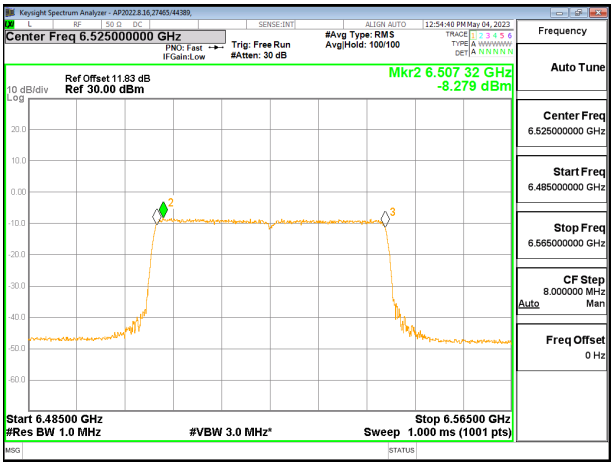



MID CHANNEL CHAIN 0

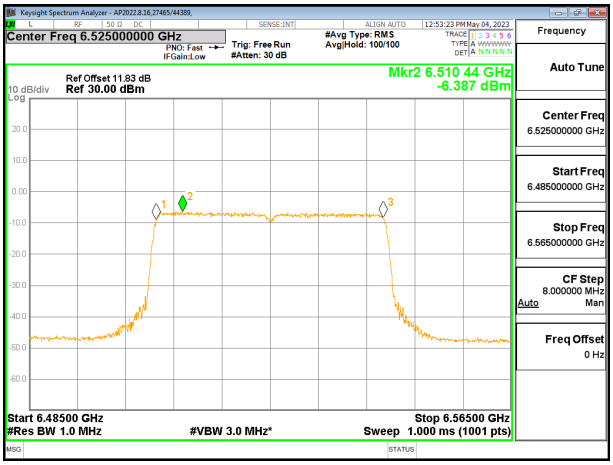



MID CHANNEL CHAIN 1

## HIGH




HIGH CHANNEL CHAIN 0




HIGH CHANNEL CHAIN 1

## 9.2.9. 802.11ax HE80 MODE 2TX IN THE UNII-6 BAND

**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 996T – LOW POWER INDOOR**

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU 67) | 6465 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU 67) | 6545 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

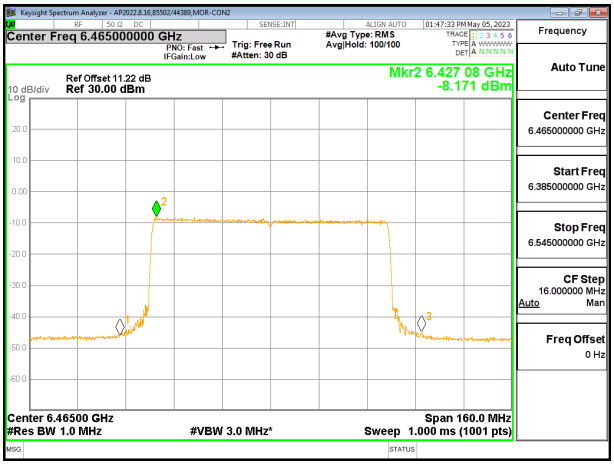
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU 67) | 6465 | 9.08 | 10.68 | 12.23 | 24.00 | -11.77 |
| High (RU 67) | 6545 | 8.72 | 10.38 | 11.91 | 24.00 | -12.09 |

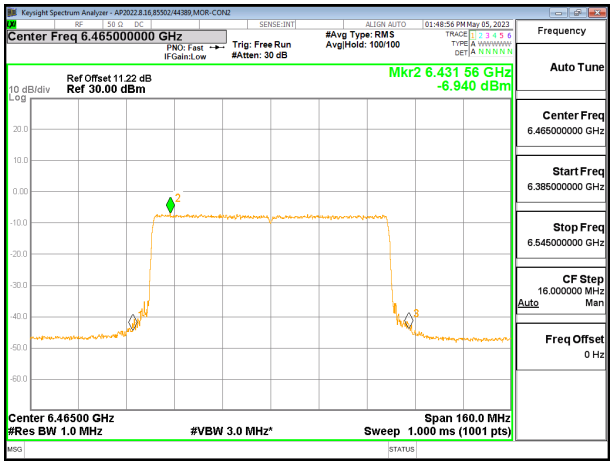
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU 67) | 6465 | -8.17 | -6.94 | -2.23 | -1.00 | -1.23 |
| High (RU 67) | 6545 | -8.89 | -6.33 | -2.14 | -1.00 | -1.14 |

## LOW

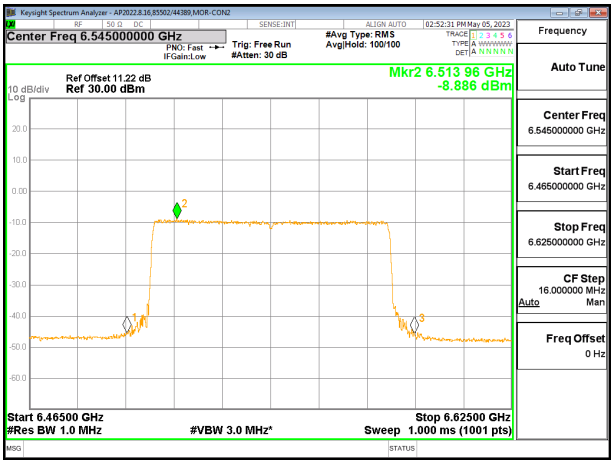



LOW CHANNEL CHAIN 0

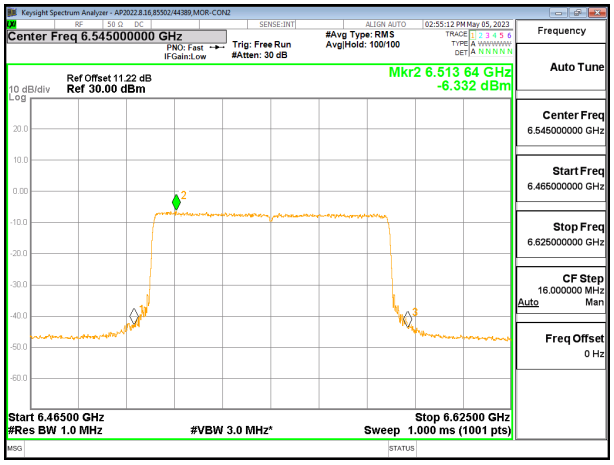



LOW CHANNEL CHAIN 1

## HIGH




HIGH CHANNEL CHAIN 0




HIGH CHANNEL CHAIN 1

## 9.2.10. 802.11ax HE160 MODE 2TX IN THE UNII-6 BAND

**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 2x 996T – LOW POWER INDOOR**

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU 68) | 6505 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

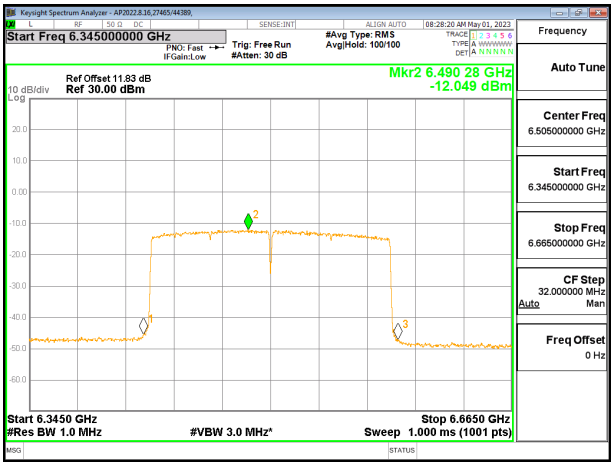
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU 68) | 6505 | 8.98 | 10.43 | 12.05 | 24.00 | -11.95 |

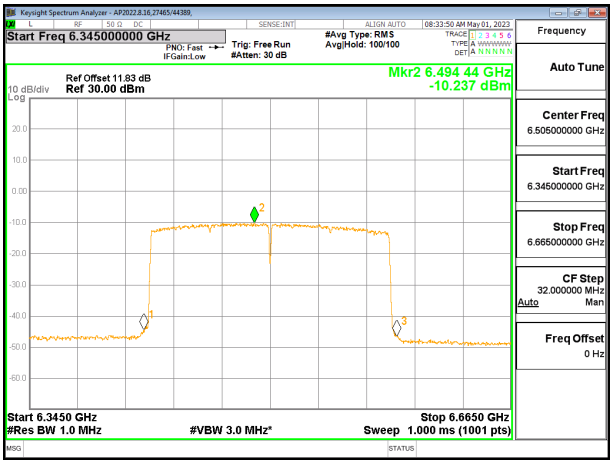
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU 68) | 6505 | -12.05 | -10.24 | -5.77 | -1.00 | -4.77 |

## LOW




LOW CHANNEL CHAIN 0




LOW CHANNEL CHAIN 1

## 9.2.11. 802.11a MODE 2TX IN THE UNII-7 BAND

**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – STANDARD POWER**

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low | 6535 | -0.73 | 2.27 | 30.00 | 17.00 |
| Mid | 6715 | -0.73 | 2.27 | 30.00 | 17.00 |
| High | 6855 | -0.73 | 2.27 | 30.00 | 17.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.19 | **Included in Calculations of Corr'd PSD** |

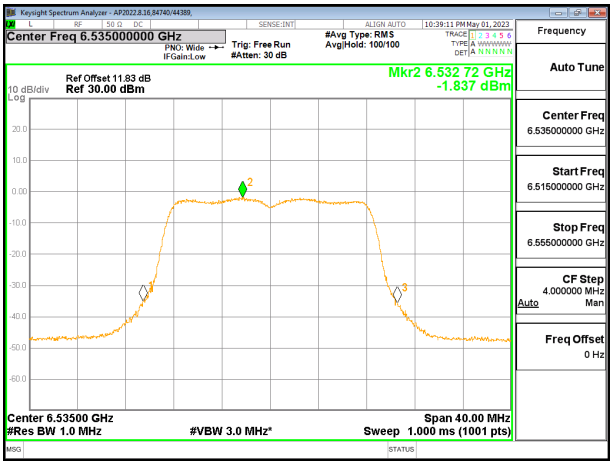
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low | 6535 | 8.69 | 10.55 | 12.00 | 30.00 | -18.00 |
| Mid | 6715 | 9.11 | 9.91 | 11.81 | 30.00 | -18.19 |
| High | 6855 | 9.98 | 9.81 | 12.18 | 30.00 | -17.82 |

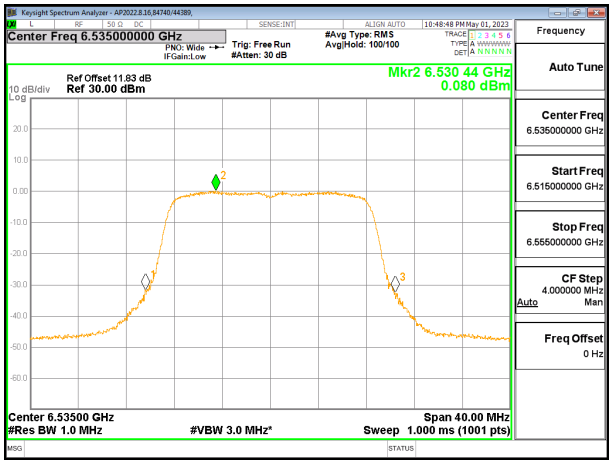
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low | 6535 | -1.84 | 0.08 | 4.70 | 17.00 | -12.30 |
| Mid | 6715 | -2.74 | -1.24 | 3.54 | 17.00 | -13.46 |
| High | 6855 | -1.64 | -1.19 | 4.06 | 17.00 | -12.94 |

## LOW

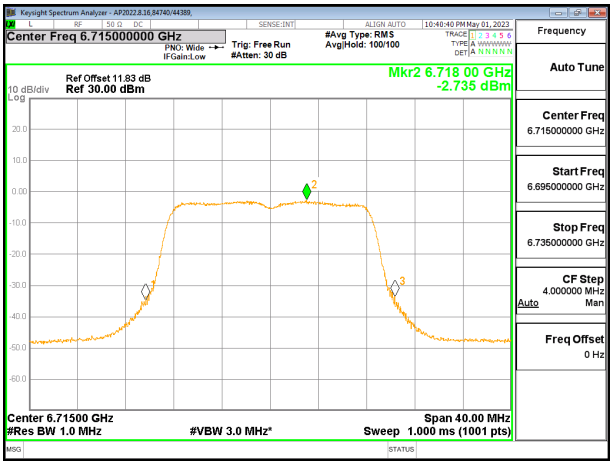



LOW CHANNEL CHAIN 0

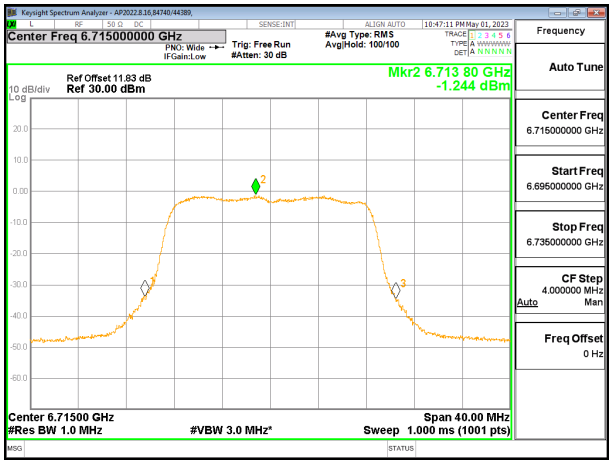



LOW CHANNEL CHAIN 1

## MID

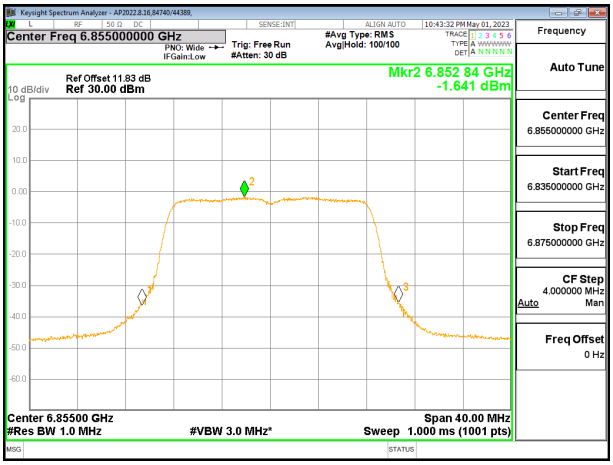



MID CHANNEL CHAIN 0

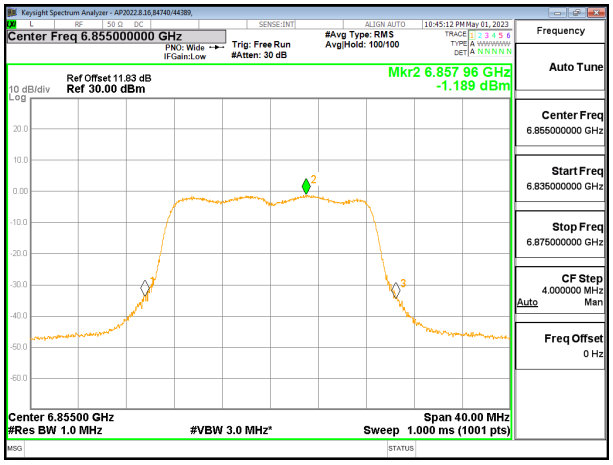



MID CHANNEL CHAIN 1

## HIGH




**HIGH CHANNEL CHAIN 0**




**HIGH CHANNEL CHAIN 1**

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE – LOW POWER INDOOR

| | |
|---|---|
| **Test Engineer:** | 84740/44389 |
| **Test Date:** | 2023-05-03 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low | 6535 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid | 6715 | -0.73 | 2.27 | 24.00 | -1.00 |
| High | 6855 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.19 | **Included in Calculations of Corr'd PSD** |

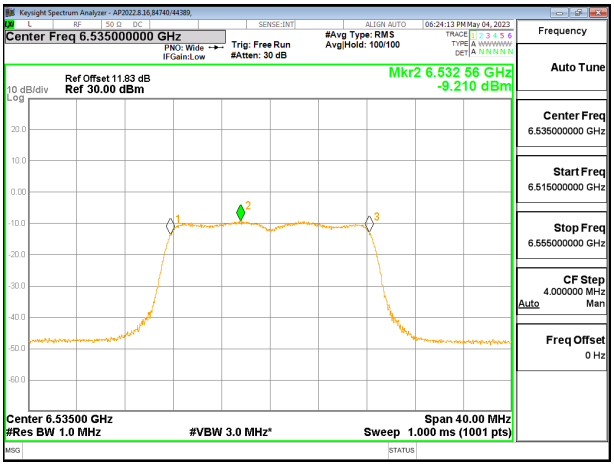
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low | 6535 | 1.30 | 3.94 | 5.10 | 24.00 | -18.90 |
| Mid | 6715 | 2.65 | 3.63 | 5.45 | 24.00 | -18.55 |
| High | 6855 | 3.14 | 3.05 | 5.38 | 24.00 | -18.62 |

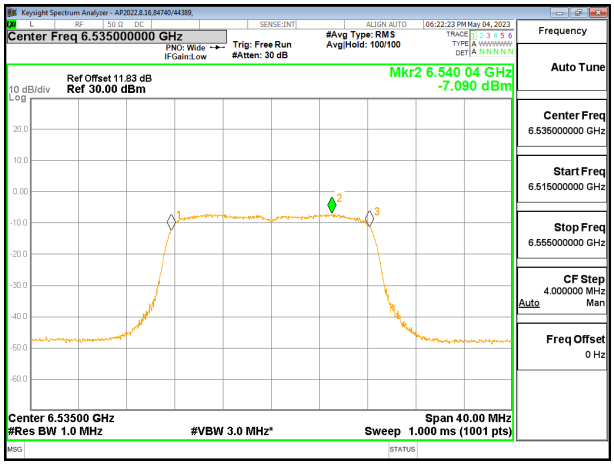
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low | 6535 | -9.21 | -7.09 | -2.55 | -1.00 | -1.55 |
| Mid | 6715 | -8.68 | -7.14 | -2.37 | -1.00 | -1.37 |
| High | 6855 | -7.51 | -7.29 | -1.92 | -1.00 | -0.92 |

## LOW

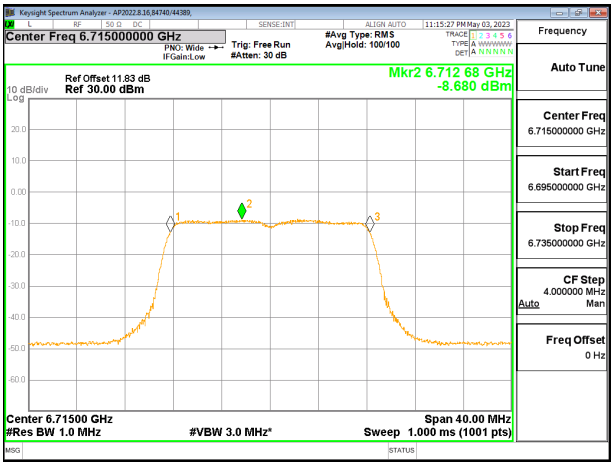



LOW CHANNEL CHAIN 0

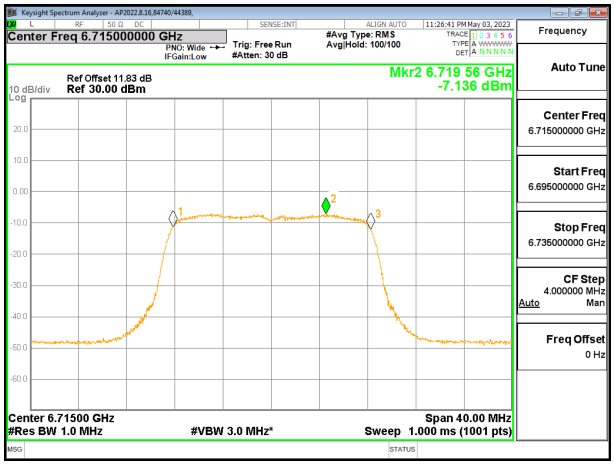



LOW CHANNEL CHAIN 1

## MID

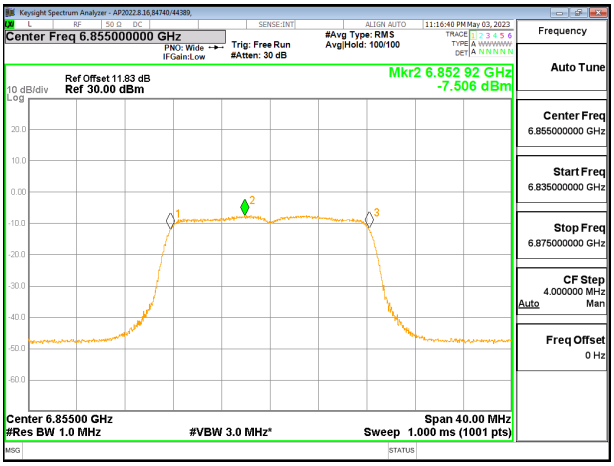



MID CHANNEL CHAIN 0

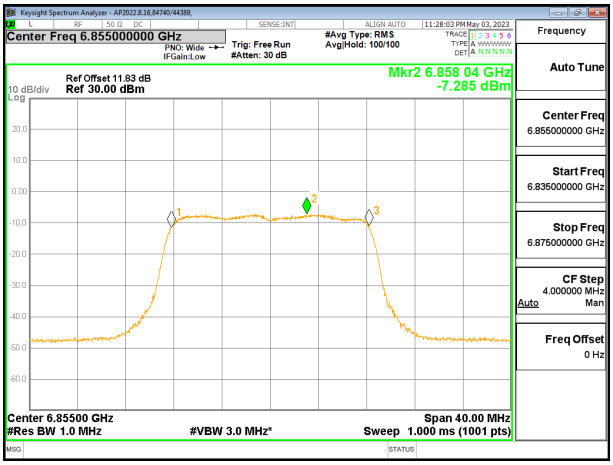



MID CHANNEL CHAIN 1

## HIGH




HIGH CHANNEL CHAIN 0




HIGH CHANNEL CHAIN 1

## 9.2.12. 802.11ax HE20 MODE 2TX IN THE UNII-7 BAND

**2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – STANDARD POWER**

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU0) | 6535 | -0.73 | 2.27 | 30.00 | 17.00 |
| Mid (RU4) | 6715 | -0.73 | 2.27 | 30.00 | 17.00 |
| High (RU0) | 6855 | -0.73 | 2.27 | 30.00 | 17.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

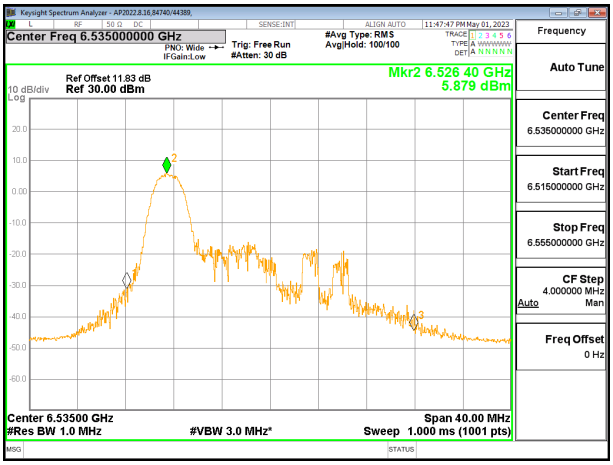
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU0) | 6535 | 8.22 | 10.77 | 11.96 | 30.00 | -18.04 |
| Mid (RU4) | 6715 | 8.77 | 10.44 | 11.97 | 30.00 | -18.03 |
| High (RU0) | 6855 | 9.86 | 9.52 | 11.97 | 30.00 | -18.03 |

**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU0) | 6535 | 5.88 | 7.71 | 12.17 | 17.00 | -4.83 |
| Mid (RU4) | 6715 | 3.91 | 4.78 | 9.65 | 17.00 | -7.35 |
| High (RU0) | 6855 | 6.85 | 6.47 | 11.95 | 17.00 | -5.05 |

## LOW

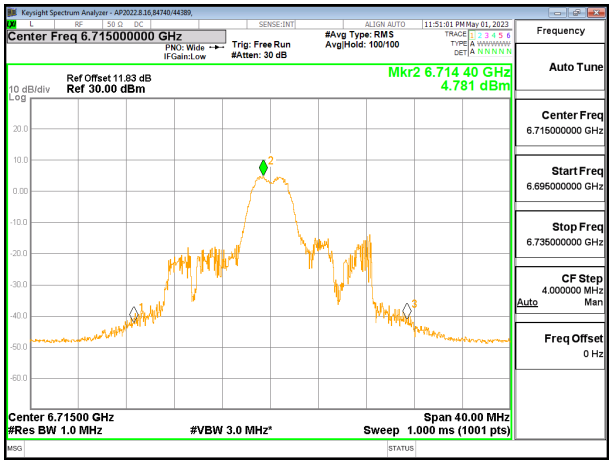



LOW CHANNEL CHAIN 0


LOW CHANNEL CHAIN 1

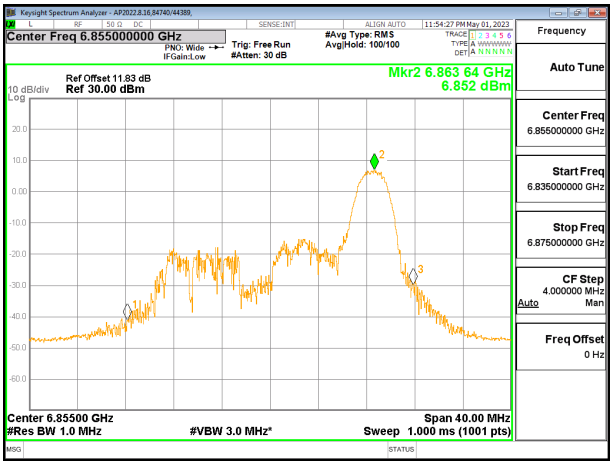
## MID


MID CHANNEL CHAIN 0




MID CHANNEL CHAIN 1

## HIGH




HIGH CHANNEL CHAIN 0


HIGH CHANNEL CHAIN 1

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 26T – LOW POWER INDOOR

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU0) | 6535 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid (RU4) | 6715 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU8) | 6855 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

**Output Power Results**

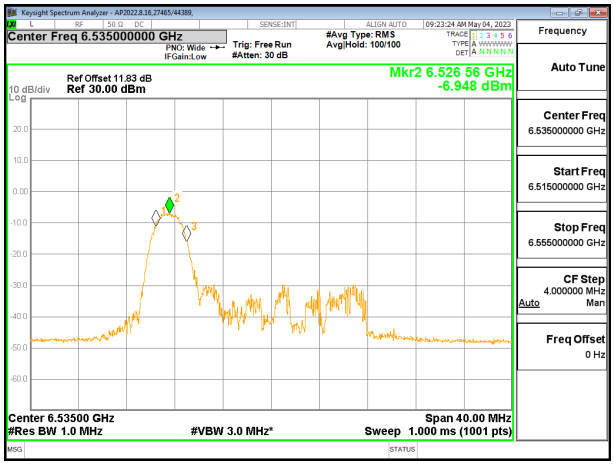
| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU0) | 6535 | -5.00 | -4.04 | -2.21 | 24.00 | -26.21 |
| Mid (RU4) | 6715 | -5.06 | -3.25 | -1.78 | 24.00 | -25.78 |
| High (RU8) | 6855 | -3.54 | -4.82 | -1.85 | 24.00 | -25.85 |

**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU0) | 6535 | -7.91 | -6.95 | -2.12 | -1.00 | -1.12 |
| Mid (RU4) | 6715 | -9.61 | -7.96 | -3.43 | -1.00 | -2.43 |
| High (RU8) | 6855 | -6.28 | -7.70 | -1.65 | -1.00 | -0.65 |

## LOW


LOW CHANNEL CHAIN 0




LOW CHANNEL CHAIN 1

## MID


MID CHANNEL CHAIN 0


MID CHANNEL CHAIN 1

## HIGH


**HIGH CHANNEL CHAIN 0**


**HIGH CHANNEL CHAIN 1**

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – STANDARD POWER

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU37) | 6535 | -0.73 | 2.27 | 30.00 | 17.00 |
| Mid (RU38) | 6715 | -0.73 | 2.27 | 30.00 | 17.00 |
| High (RU40) | 6855 | -0.73 | 2.27 | 30.00 | 17.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

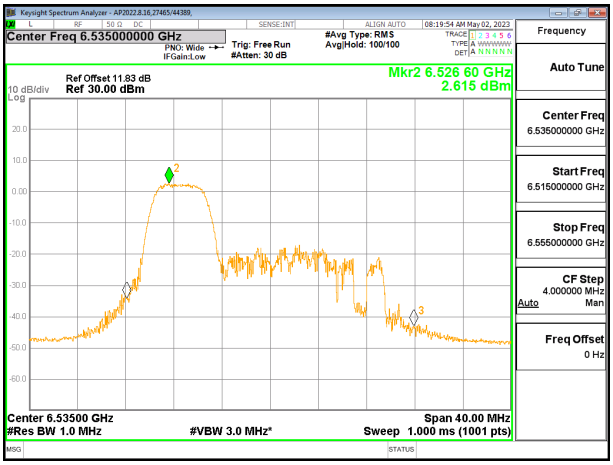
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU37) | 6535 | 8.17 | 10.67 | 11.88 | 30.00 | -18.12 |
| Mid (RU38) | 6715 | 8.92 | 10.48 | 12.05 | 30.00 | -17.95 |
| High (RU40) | 6855 | 9.65 | 9.40 | 11.81 | 30.00 | -18.19 |

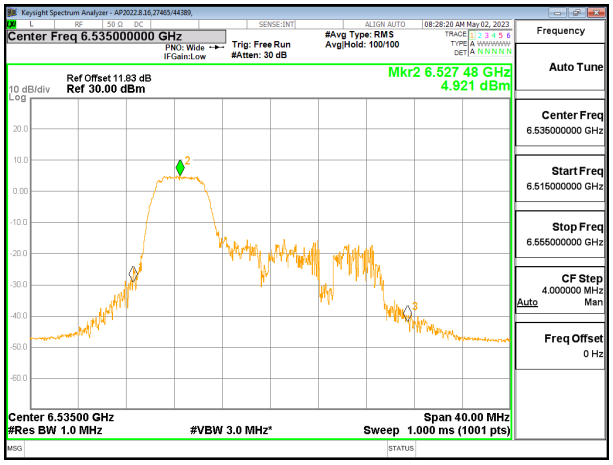
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU37) | 6535 | 2.62 | 4.92 | 9.20 | 17.00 | -7.80 |
| Mid (RU38) | 6715 | 2.38 | 3.44 | 8.22 | 17.00 | -8.78 |
| High (RU40) | 6855 | 4.01 | 3.28 | 8.94 | 17.00 | -8.06 |

## LOW




LOW CHANNEL CHAIN 0



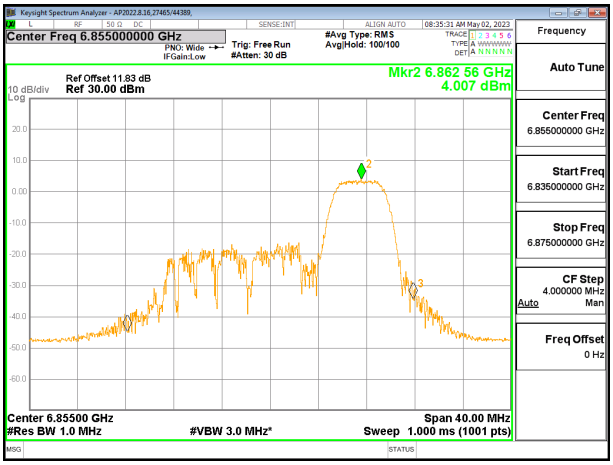

LOW CHANNEL CHAIN 1

## MID


MID CHANNEL CHAIN 0


MID CHANNEL CHAIN 1

## HIGH




**HIGH CHANNEL CHAIN 0**


**HIGH CHANNEL CHAIN 1**

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 52T – LOW POWER INDOOR

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU37) | 6535 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid (RU38) | 6715 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU40) | 6865 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

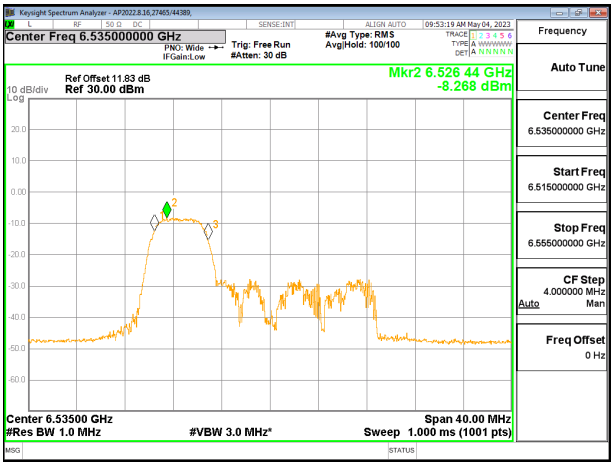
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU37) | 6535 | -2.73 | -1.86 | 0.01 | 24.00 | -23.99 |
| Mid (RU38) | 6715 | -3.62 | -1.61 | -0.22 | 24.00 | -24.22 |
| High (RU40) | 6855 | -1.78 | -2.95 | -0.05 | 24.00 | -24.05 |

**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU37) | 6535 | -8.27 | -7.50 | -2.59 | -1.00 | -1.59 |
| Mid (RU38) | 6715 | -9.75 | -8.42 | -3.75 | -1.00 | -2.75 |
| High (RU40) | 6855 | -7.04 | -8.64 | -2.49 | -1.00 | -1.49 |

## LOW

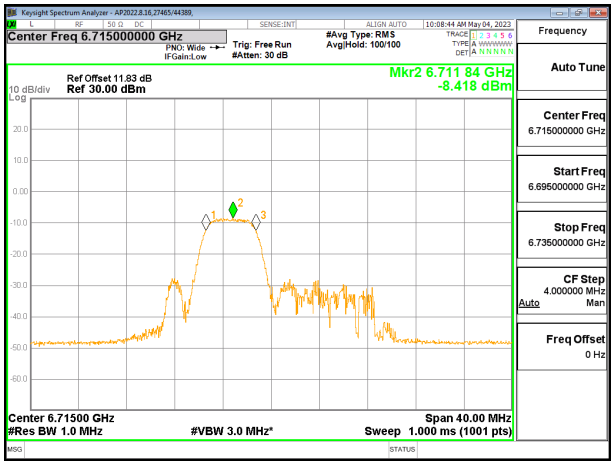



LOW CHANNEL CHAIN 0


LOW CHANNEL CHAIN 1

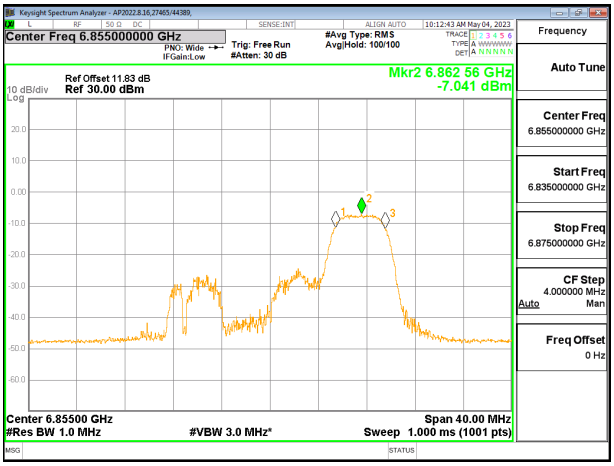
## MID


MID CHANNEL CHAIN 0

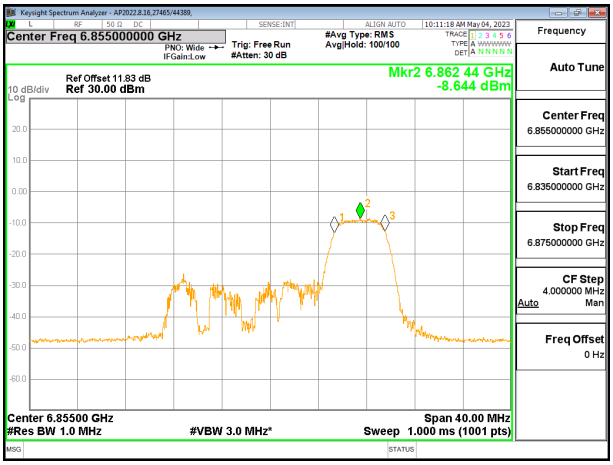



MID CHANNEL CHAIN 1

## HIGH




HIGH CHANNEL CHAIN 0




HIGH CHANNEL CHAIN 1

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – STANDARD POWER

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU53) | 6535 | -0.73 | 2.27 | 30.00 | 17.00 |
| Mid (RU53) | 6715 | -0.73 | 2.27 | 30.00 | 17.00 |
| High (RU54) | 6855 | -0.73 | 2.27 | 30.00 | 17.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

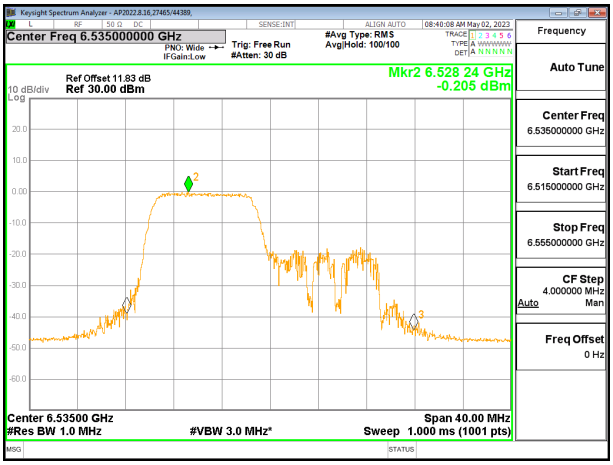
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU53) | 6535 | 8.14 | 10.61 | 11.83 | 30.00 | -18.17 |
| Mid (RU53) | 6715 | 9.02 | 10.76 | 12.26 | 30.00 | -17.74 |
| High (RU54) | 6855 | 9.71 | 9.49 | 11.88 | 30.00 | -18.12 |

**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU53) | 6535 | -0.21 | 2.39 | 6.56 | 17.00 | -10.44 |
| Mid (RU53) | 6715 | -1.39 | -0.25 | 4.50 | 17.00 | -12.50 |
| High (RU54) | 6855 | 0.65 | 0.27 | 5.74 | 17.00 | -11.26 |

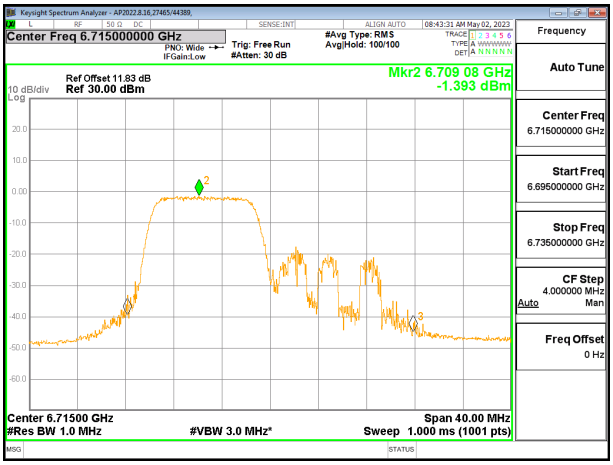
## LOW



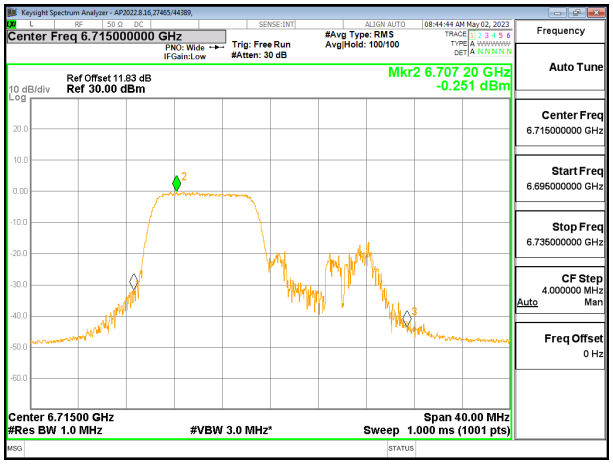

LOW CHANNEL CHAIN 0


LOW CHANNEL CHAIN 1

## MID

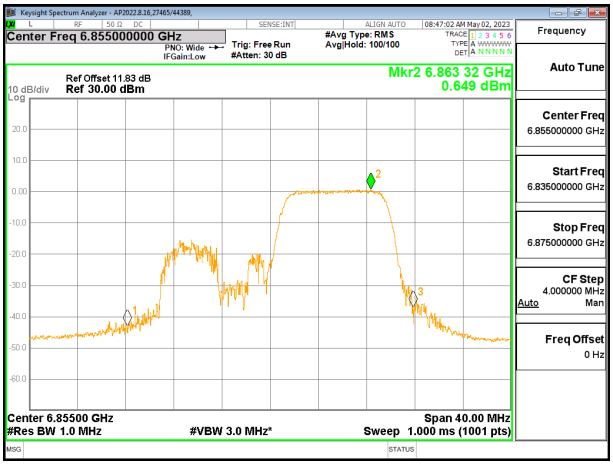



MID CHANNEL CHAIN 0

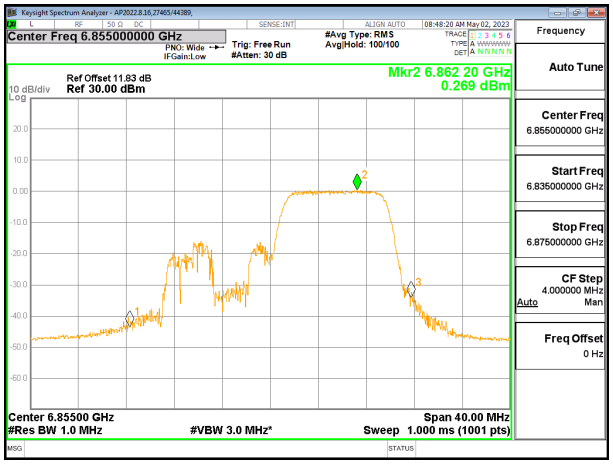



MID CHANNEL CHAIN 1

## HIGH




**HIGH CHANNEL CHAIN 0**




**HIGH CHANNEL CHAIN 1**

## 2TX CHAIN 0 + CHAIN 1 CDD OFDMA MODE: 106T – LOW POWER INDOOR

| | |
|---|---|
| **Test Engineer:** | 85502/44389, 27465/44389, 84740/44389 |
| **Test Date:** | 2023-04-25, 2023-04-26, 2023-05-04 |

**Bandwidth, Antenna Gain and Limits**

| Channel | Frequency (MHz) | Directional Gain for Power (dBi) | Directional Gain for PSD (dBi) | e.i.r.p. Power Limit (dBm) | PSD Limit (dBm) |
|---|---|---|---|---|---|
| Low (RU53) | 6535 | -0.73 | 2.27 | 24.00 | -1.00 |
| Mid (RU53) | 6715 | -0.73 | 2.27 | 24.00 | -1.00 |
| High (RU54) | 6865 | -0.73 | 2.27 | 24.00 | -1.00 |

| | | |
|---|---|---|
| **Duty Cycle CF (dB)** | 0.00 | **Included in Calculations of Corr'd PSD** |

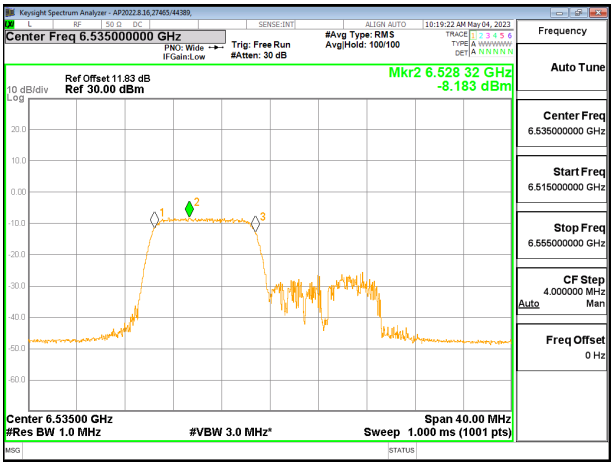
**Output Power Results**

| Channel | Frequency (MHz) | Chain 0 Meas Power (dBm) | Chain 1 Meas Power (dBm) | Total Corr'd EIRP (dBm) | Power Limit EIRP (dBm) | Power Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU53) | 6535 | 0.26 | 1.49 | 3.20 | 24.00 | -20.80 |
| Mid (RU53) | 6715 | -0.36 | 1.65 | 3.04 | 24.00 | -20.96 |
| High (RU54) | 6855 | 1.25 | -0.02 | 2.94 | 24.00 | -21.06 |

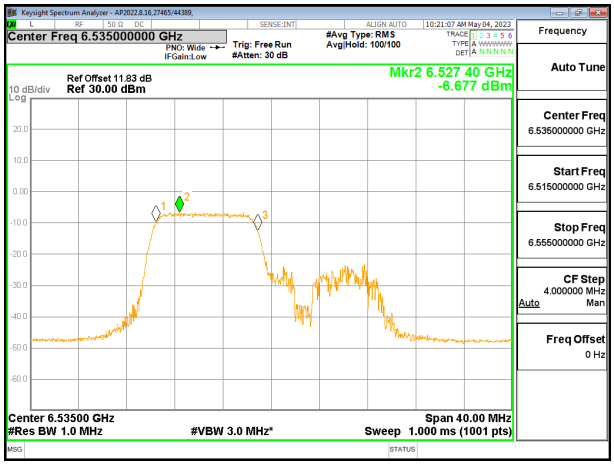
**PSD Results**

| Channel | Frequency (MHz) | Chain 0 Meas PSD (dBm) | Chain 1 Meas PSD (dBm) | Total Corr'd EIRP PSD (dBm) | PSD Limit (dBm) | PSD Margin (dB) |
|---|---|---|---|---|---|---|
| Low (RU53) | 6535 | -8.18 | -6.68 | -2.08 | -1.00 | -1.08 |
| Mid (RU53) | 6715 | -9.35 | -7.45 | -3.01 | -1.00 | -2.01 |
| High (RU54) | 6855 | -6.65 | -8.48 | -2.19 | -1.00 | -1.19 |

## LOW




**LOW CHANNEL CHAIN 0**




**LOW CHANNEL CHAIN 1**

## MID


**MID CHANNEL CHAIN 0**


**MID CHANNEL CHAIN 1**