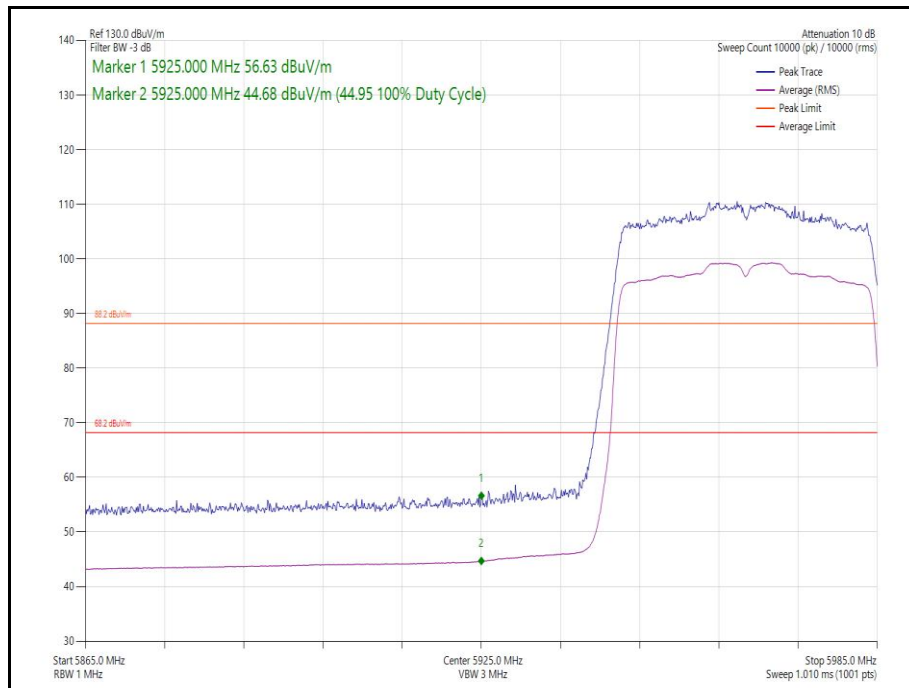




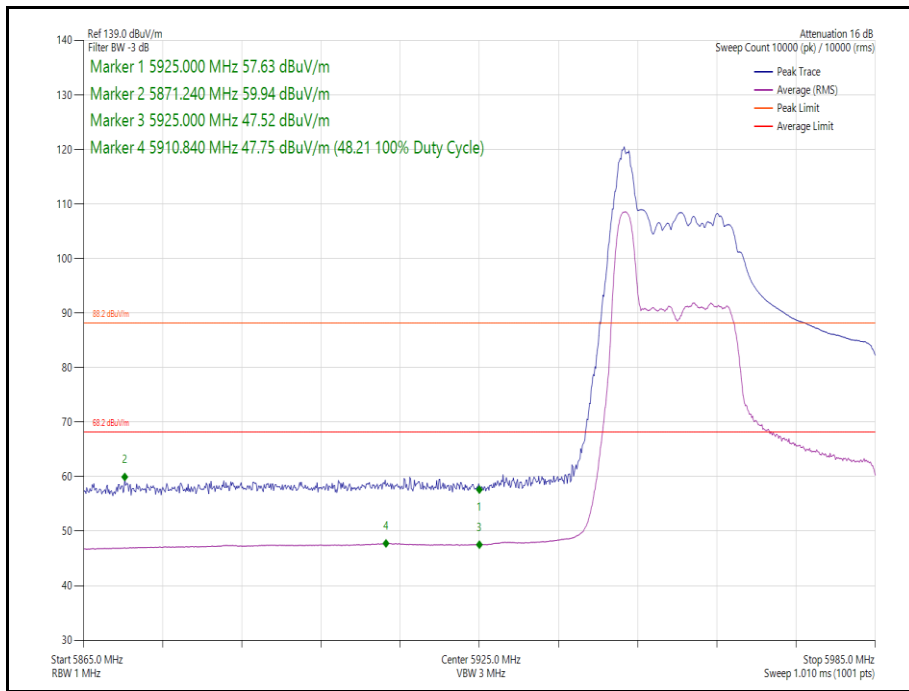
40 MHz Bandwidth (SISO)

| Mode | Data Rate /MCS | Resource size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|-----------------------|----------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ax HE40, Core 1 | MCS 4x1 | SU | - | 5965 | 5925 | 56.63 | 44.95 |
| 802.11ax HE40, Core 1 | MCS 11x1 | 26 | 0 | 5965 | 5925 | 59.94 | 48.21 |
| 802.11ax HE40, Core 1 | MCS 11x1 | SU | - | 7085 | 7125 | 60.99 | 48.14 |
| 802.11ax HE40, Core 1 | MCS 11x1 | 26 | 17 | 7085 | 7125 | 63.75 | 51.97 |

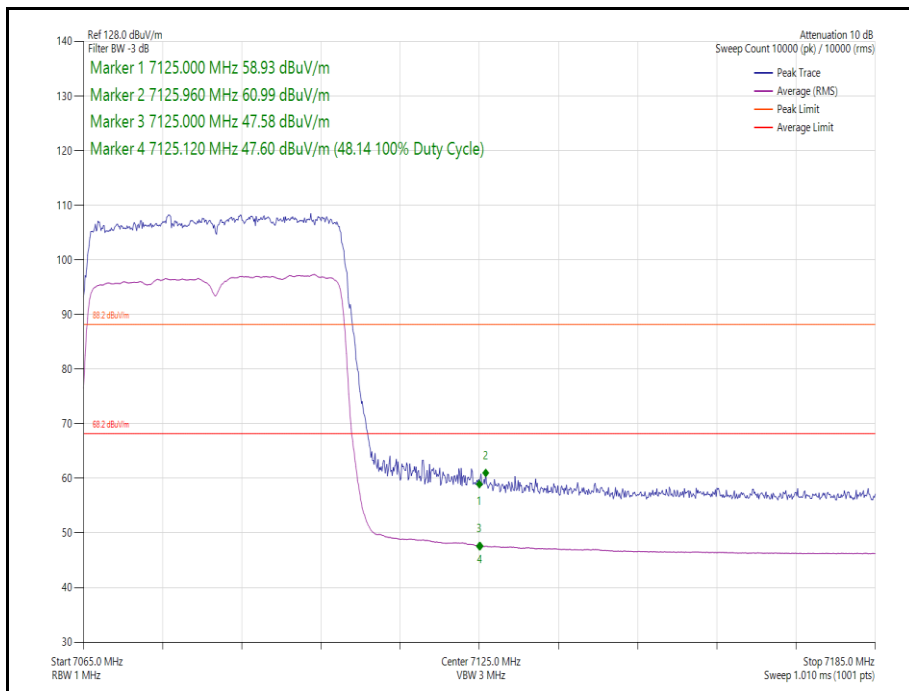
Table 324 - SISO Authorised Band Edge Results



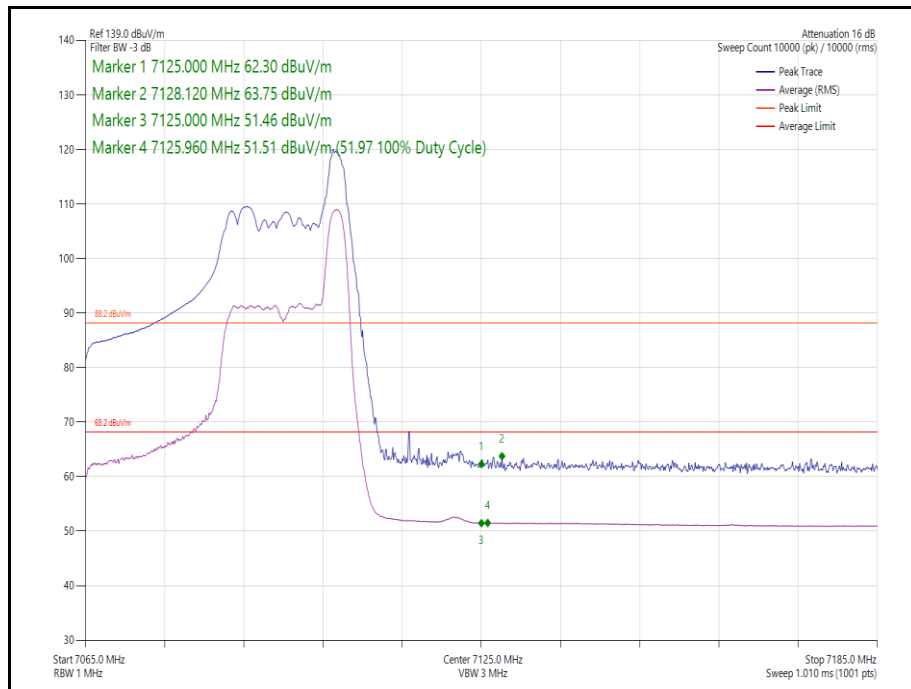
**Figure 42 - 802.11ax HE40, Core 1, SU - 5965 MHz
 Band Edge Frequency 5925 MHz**



**Figure 43 - 802.11ax HE40, Core 1, 26-0 - 5965 MHz
Band Edge Frequency 5925 MHz**



**Figure 44 - 802.11ax HE40, Core 1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**



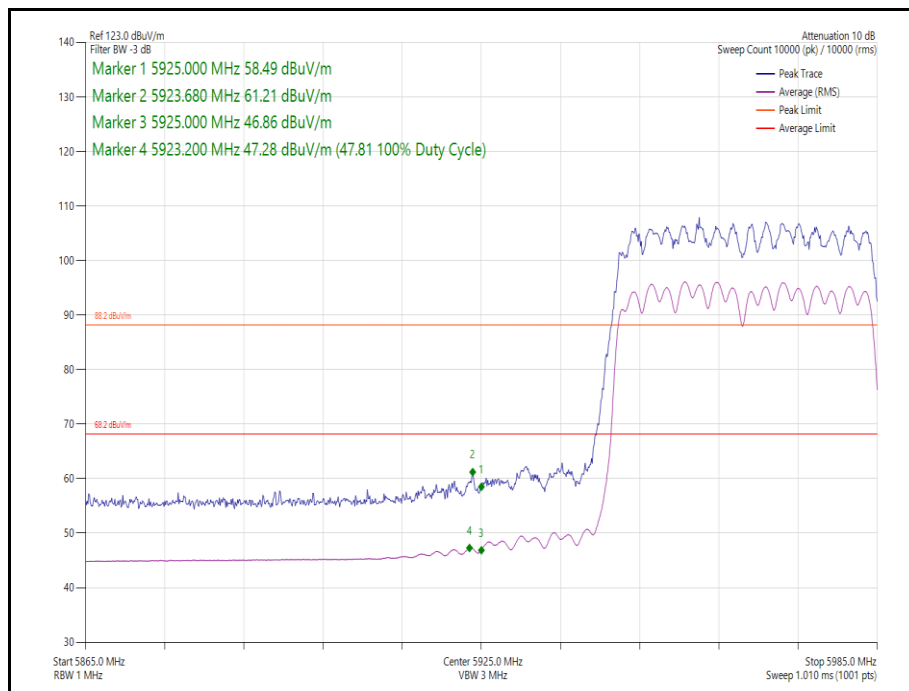
**Figure 45 - 802.11ax HE40, Core 1, 26-17 - 7085 MHz
Band Edge Frequency 7125 MHz**



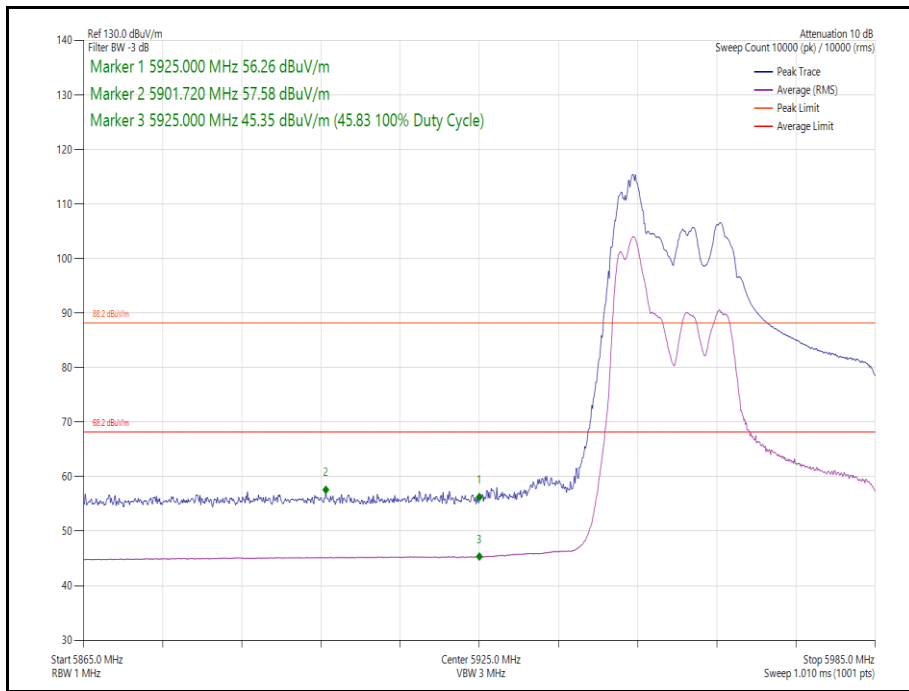
40 MHz Bandwidth (2TX MIMO)

| Mode | Data Rate/ MCS | Resource size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|---------------------------------|-------------------|------------------|-------------------|--------------------------|---------------------------------|---------------------------|------------------------------|
| 802.11ax HE40 CDD, Cores 0-1 | MCS 11x1 | SU | - | 5965 | 5925 | 61.21 | 47.81 |
| 802.11ax HE40 CDD, Cores 0-1 | MCS 11x1 | 52 | 37 | 5965 | 5925 | 57.58 | 45.83 |
| 802.11ax HE40 SDM, Cores 0-1 | MCS 11x2 | SU | - | 5965 | 5925 | 62.24 | 46.23 |
| 802.11ax HE40 SDM, Cores 0-1 | MCS 11x2 | 26 | 0 | 5965 | 5925 | 59.24 | 48.21 |
| 802.11ax HE40 CDD, Cores 0-1 | MCS 11x1 | SU | - | 7085 | 7125 | 62.16 | 49.63 |
| 802.11ax HE40 CDD, Cores 0-1 | MCS 11x1 | 52 | 44 | 7085 | 7125 | 59.09 | 47.54 |
| 802.11ax HE40 SDM, Cores 0-1 | MCS 11x2 | SU | - | 7085 | 7125 | 63.00 | 48.52 |
| 802.11ax HE40 SDM, Cores 0-1 | MCS 11x2 | 26 | 17 | 7085 | 7125 | 62.85 | 47.52 |

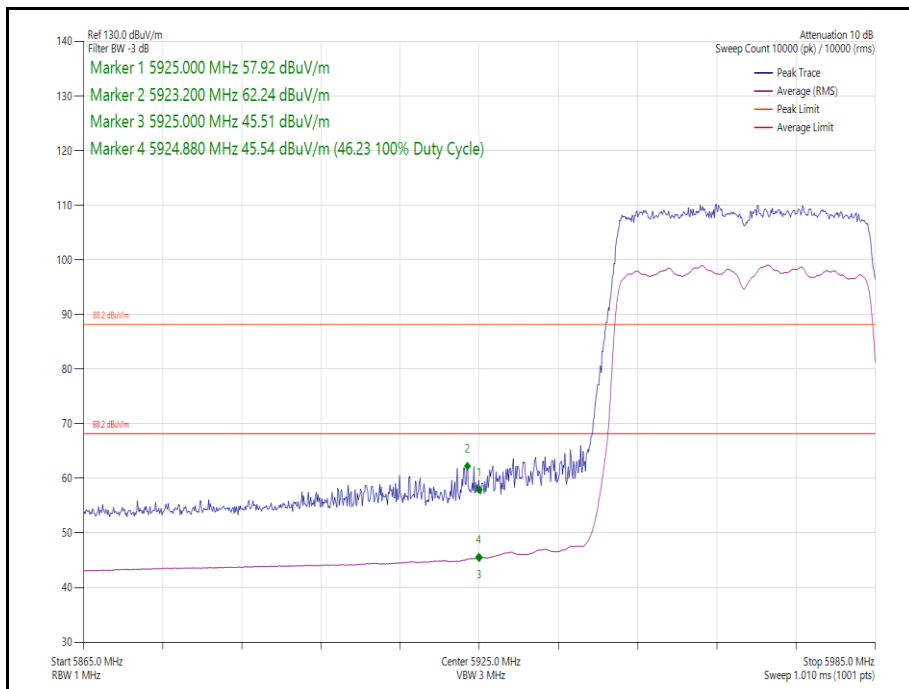
Table 325 - MIMO 2TX Authorised Band Edge Results



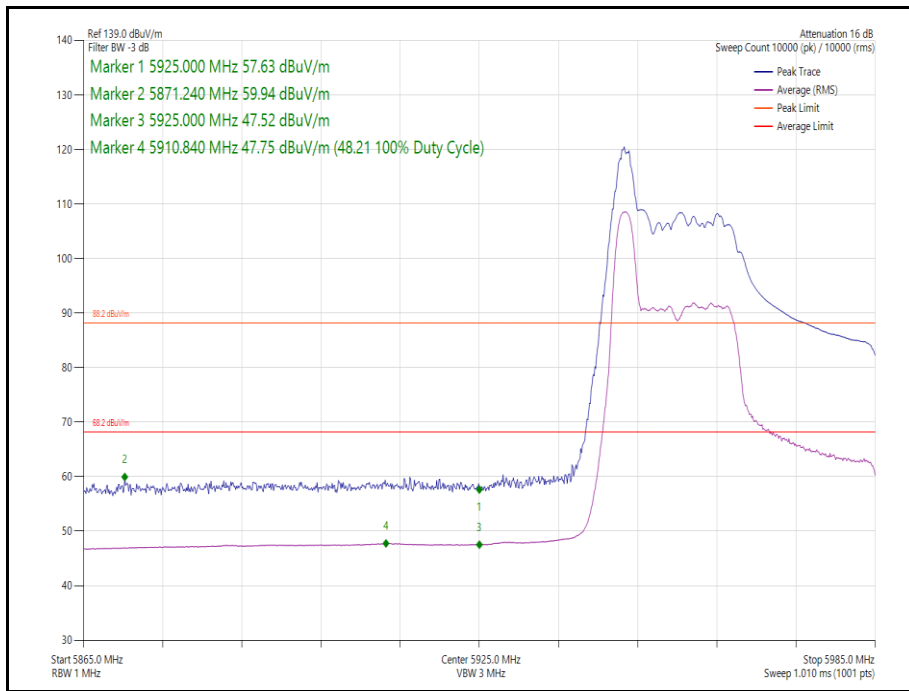
**Figure 46 - 802.11ax HE40 CDD, Cores 0-1, SU - 5965 MHz
 Band Edge Frequency 5925 MHz**



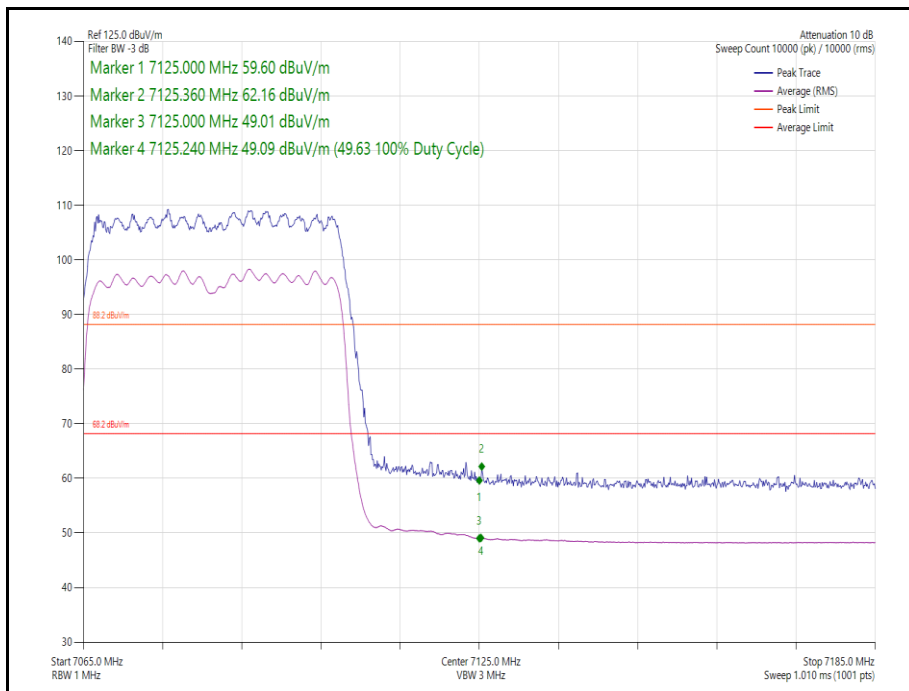
**Figure 47 - 802.11ax HE40 CDD, Cores 0-1, 52-37 - 5965 MHz
Band Edge Frequency 5925 MHz**



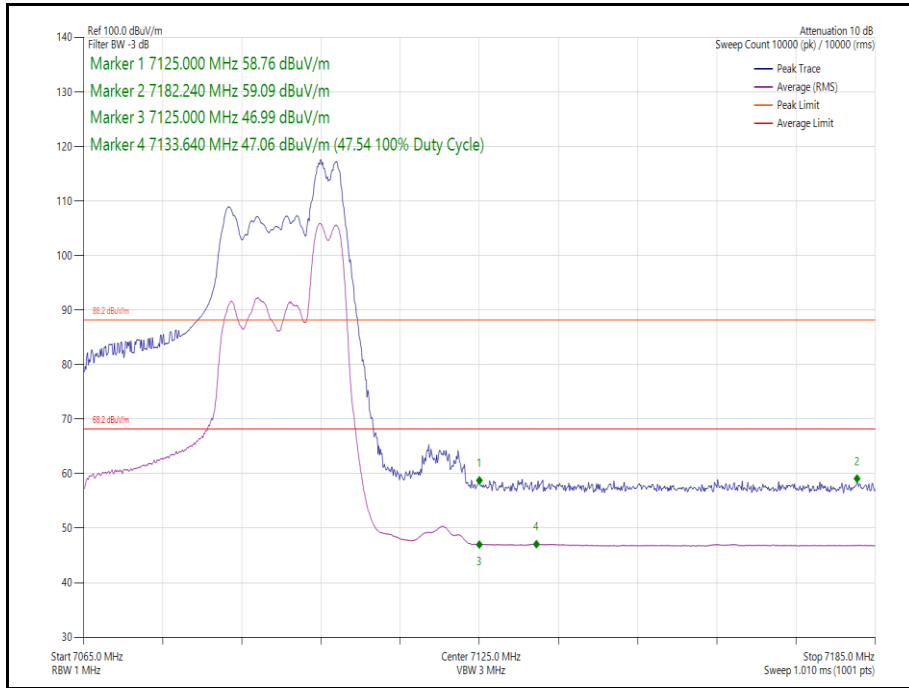
**Figure 48 - 802.11ax HE40 SDM, Cores 0-1, SU - 5965 MHz
Band Edge Frequency 5925 MHz**



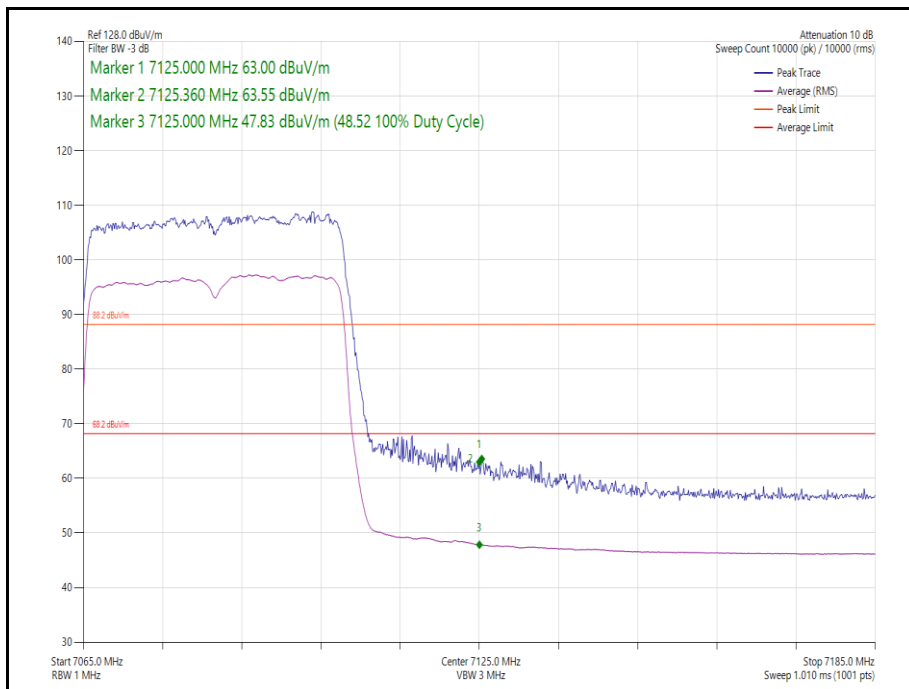
**Figure 49 - 802.11ax HE40 SDM, Cores 0-1, 26-0 - 5965 MHz
Band Edge Frequency 5925 MHz**



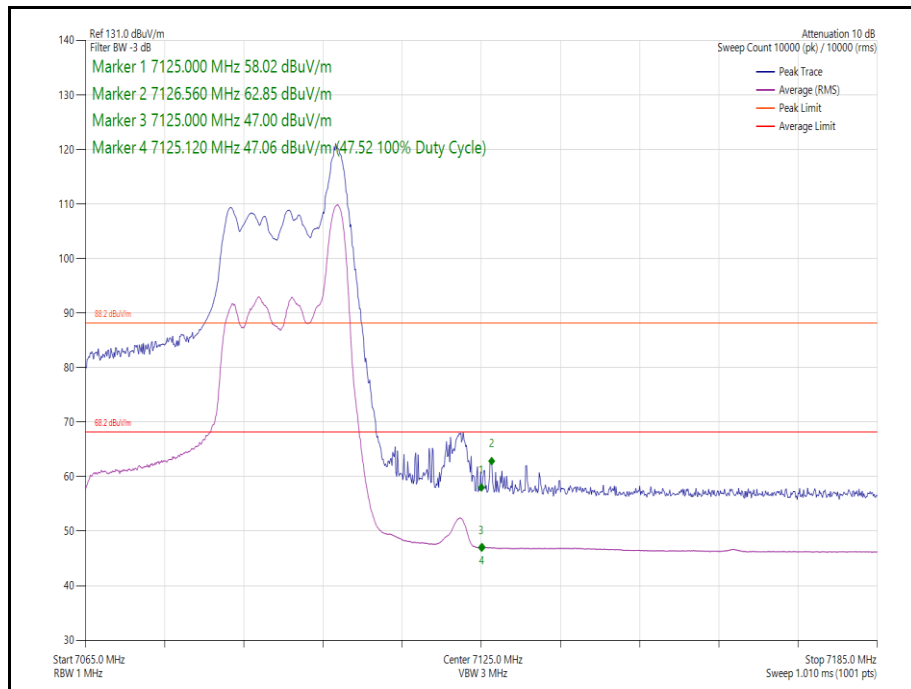
**Figure 50 - 802.11ax HE40 CDD, Cores 0-1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 51 - 802.11ax HE40 CDD, Cores 0-1, 52-44 - 7085 MHz
Band Edge Frequency 7125 MHz**



**Figure 52 - 802.11ax HE40 SDM, Cores 0-1, SU - 7085 MHz
Band Edge Frequency 7125 MHz**



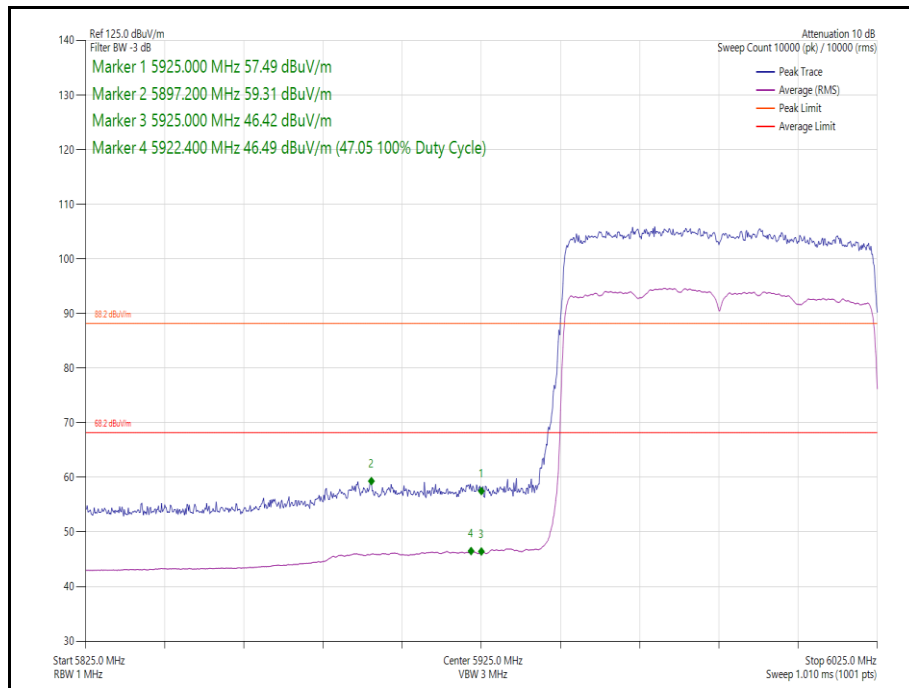
**Figure 53 - 802.11ax HE40 SDM, Cores 0-1, 26-17 - 7085 MHz
Band Edge Frequency 7125 MHz**



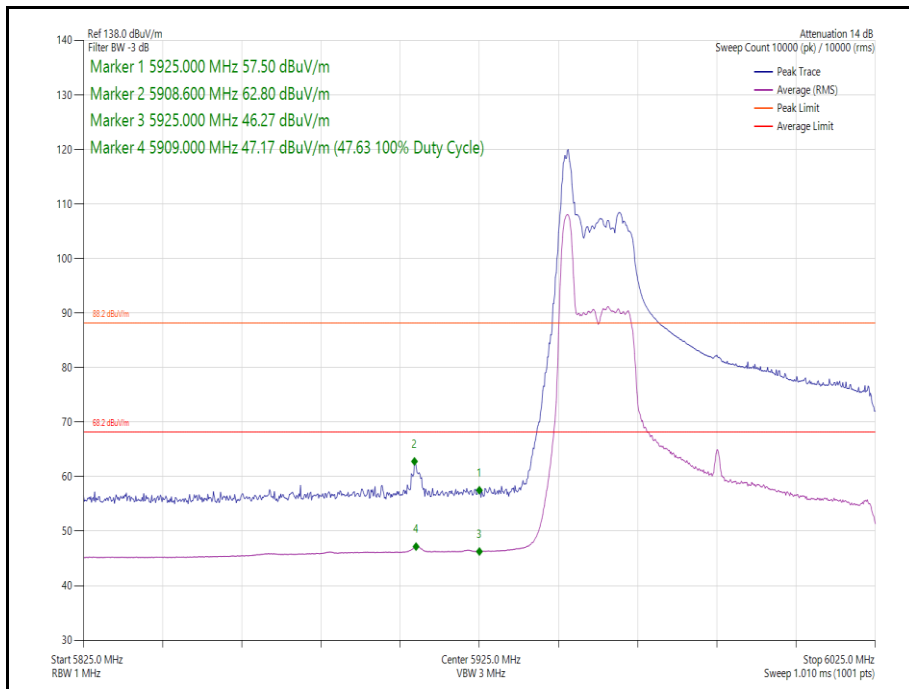
80 MHz Bandwidth (SISO)

| Mode | Data Rate /MCS | Resource size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|-----------------------|----------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ax HE80, Core 1 | MCS 11x1 | SU | - | 5985 | 5925 | 59.31 | 47.05 |
| 802.11ax HE80, Core 1 | MCS 11x1 | 26 | 0 | 5985 | 5925 | 62.08 | 47.63 |
| 802.11ax HE80, Core 1 | MCS 2x1 | SU | - | 7025 | 7125 | 59.27 | 47.52 |
| 802.11ax HE80, Core 1 | MCS 11x1 | 26 | 17 | 7025 | 7125 | 63.11 | 51.87 |

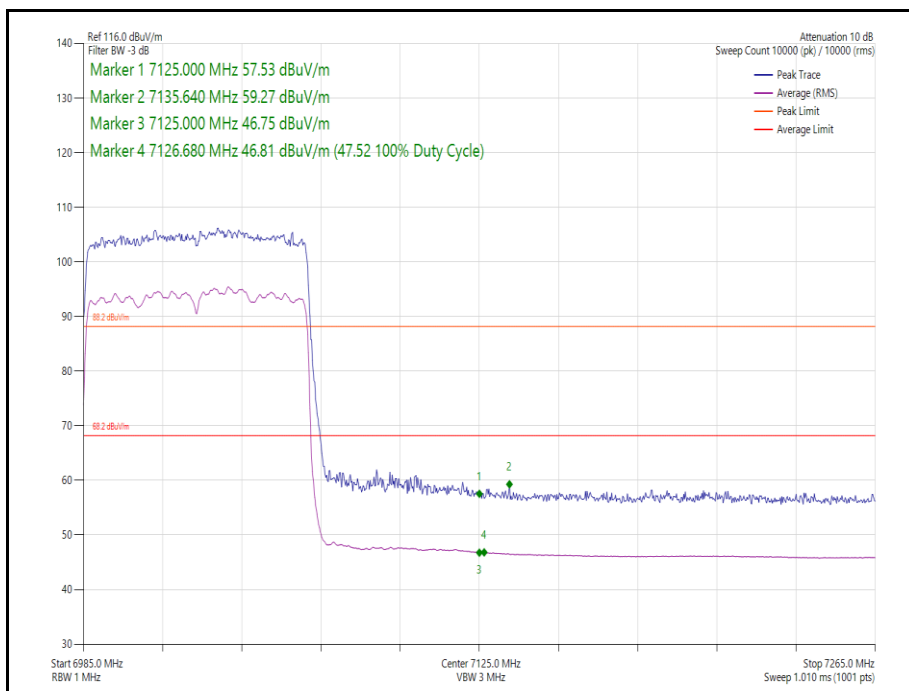
Table 326 - SISO Authorised Band Edge Results



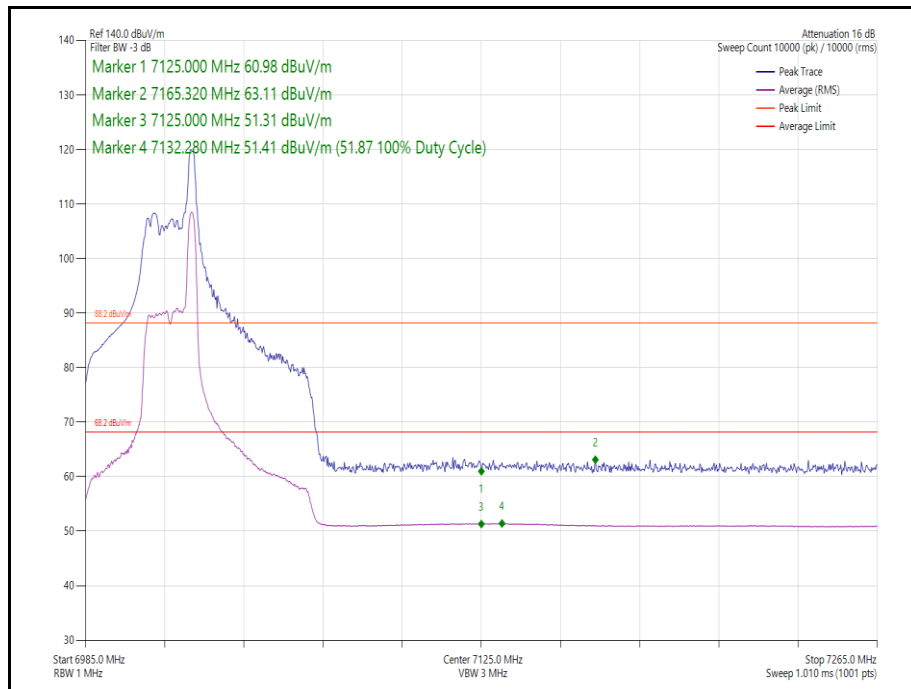
**Figure 54 - 802.11ax HE80 Core 1 SU - 5985 MHz
 Band Edge Frequency 5925 MHz**



**Figure 55 - 802.11ax HE80 Core 1 26-0 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 56 - 802.11ax HE80 Core 1 SU - 7025 MHz
Band Edge Frequency 7125 MHz**



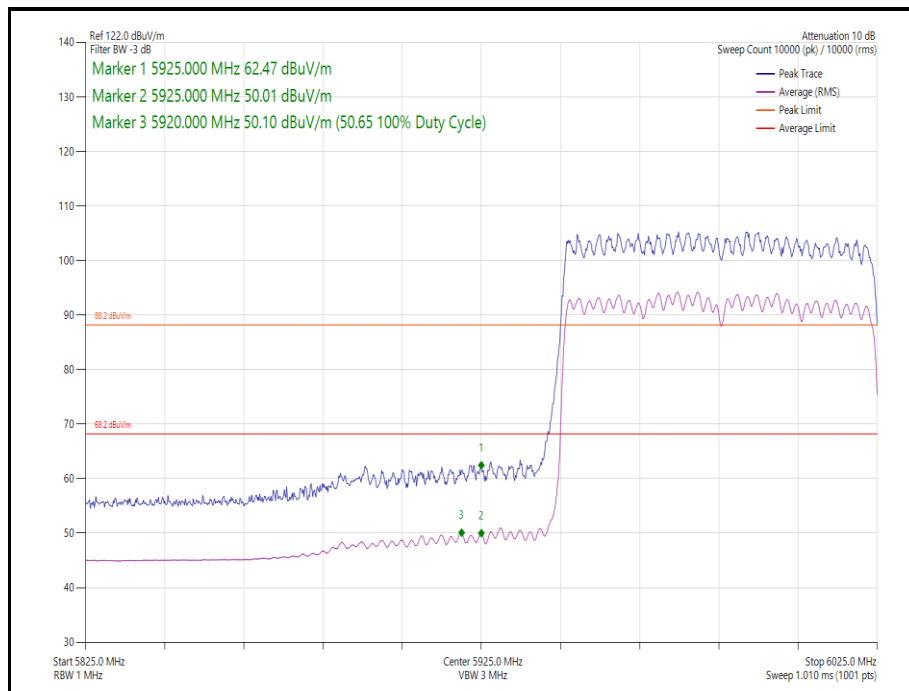
**Figure 57 - 802.11ax HE80 Core 1 26-17 - 7025 MHz
Band Edge Frequency 7125 MHz**



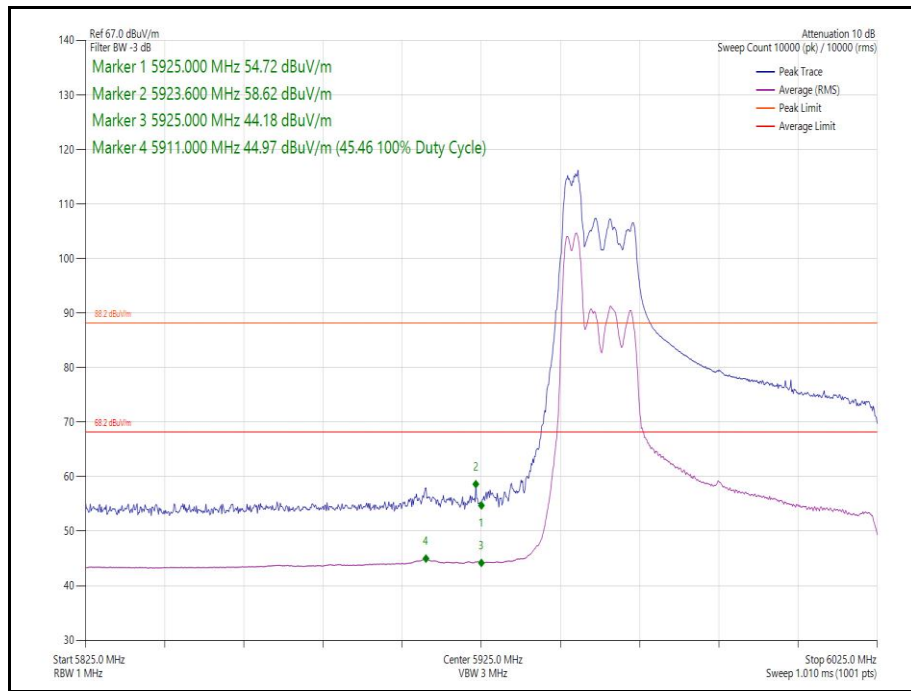
80 MHz Bandwidth (2TX MIMO)

| Mode | Data Rate/ MCS | Resource size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBµV/m) | Average Level (dBµV/m) |
|------------------------------|-------------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ax HE80 CDD, Cores 0-1 | MCS 11x1 | SU | - | 5985 | 5925 | 62.47 | 50.65 |
| 802.11ax HE80 CDD, Cores 0-1 | MCS 11x1 | 52 | 37 | 5985 | 5925 | 58.62 | 45.46 |
| 802.11ax HE80 SDM, Cores 0-1 | MCS 4x2 | SU | - | 5985 | 5925 | 60.98 | 47.93 |
| 802.11ax HE80 SDM, Cores 0-1 | MCS 11x2 | 26 | 0 | 5985 | 5925 | 62.80 | 47.63 |
| 802.11ax HE80 CDD, Cores 0-1 | MCS 11x1 | SU | - | 7025 | 7125 | 59.41 | 47.58 |
| 802.11ax HE80 CDD, Cores 0-1 | MCS 11x1 | 52 | 37 | 7025 | 7125 | 71.00 | 52.78 |
| 802.11ax HE80 SDM, Cores 0-1 | MCS 11x2 | SU | - | 7025 | 7125 | 59.27 | 47.52 |
| 802.11ax HE80 SDM, Cores 0-1 | MCS 11x2 | 26 | 36 | 7025 | 7125 | 59.57 | 47.45 |

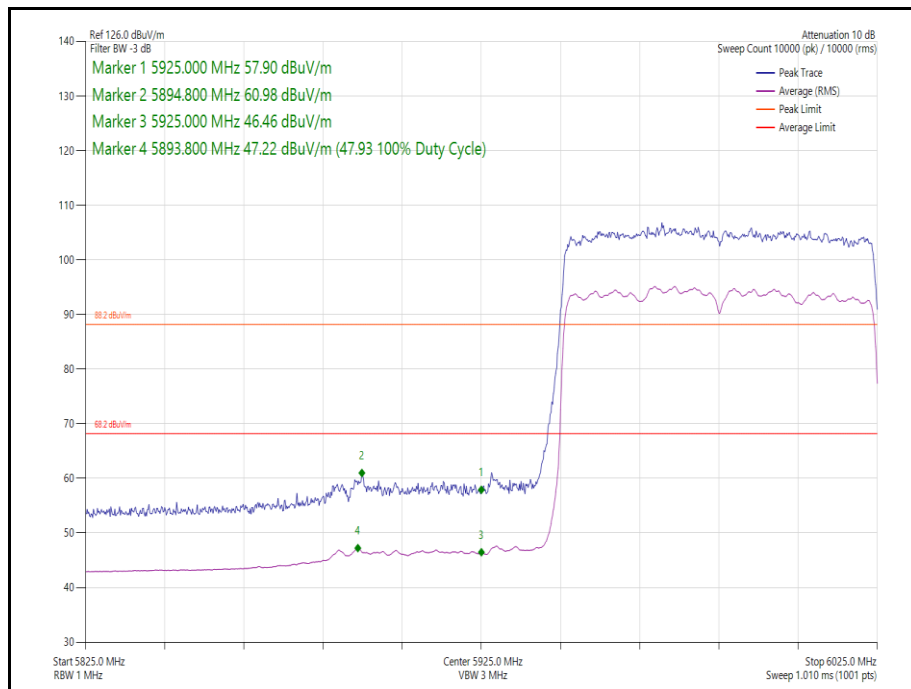
Table 327 - MIMO 2TX Authorised Band Edge Results



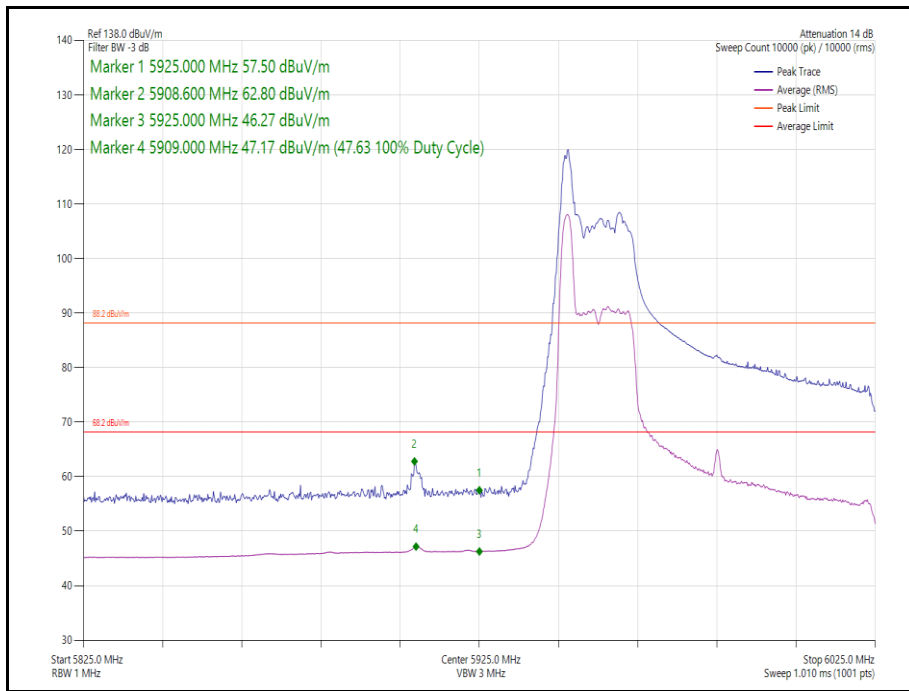
**Figure 58 - 802.11ax HE80 CDD, Cores 0-1, SU - 5985 MHz
 Band Edge Frequency 5925 MHz**



**Figure 59 - 802.11ax HE80 CDD, Cores 0-1, 52-37 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 60 - 802.11ax HE80 SDM, Cores 0-1, SU - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 61 - 802.11ax HE80 SDM, Cores 0-1, 26-0 - 5985 MHz
Band Edge Frequency 5925 MHz**



**Figure 62 - 802.11ax HE80 CDD, Cores 0-1, SU - 7025 MHz
Band Edge Frequency 7125 MHz**

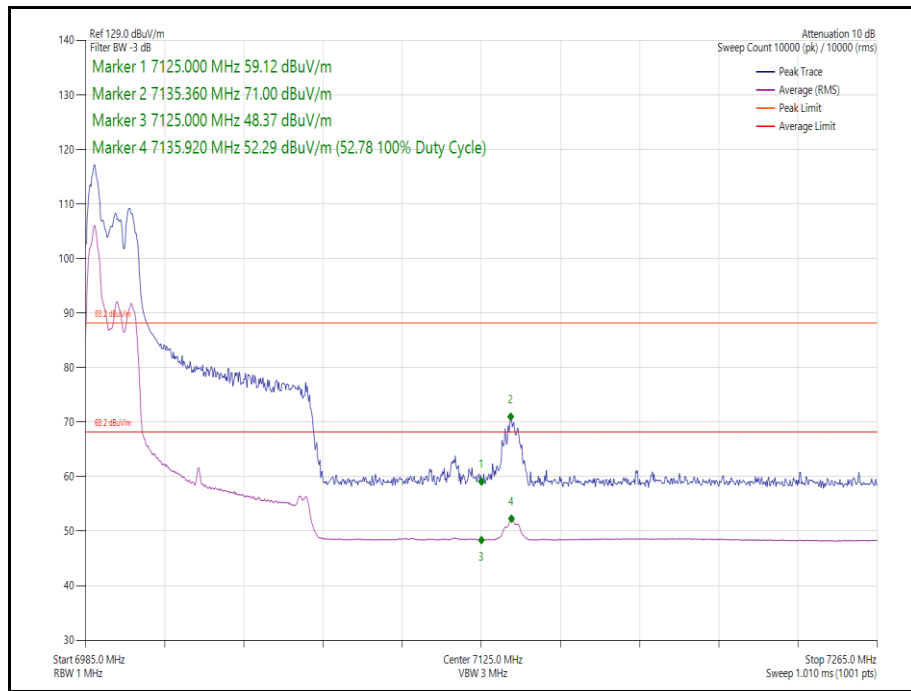


Figure 63 - 802.11ax HE80 CDD Cores 0-1, 52-37 - 7025 MHz
Band Edge Frequency 7125 MHz

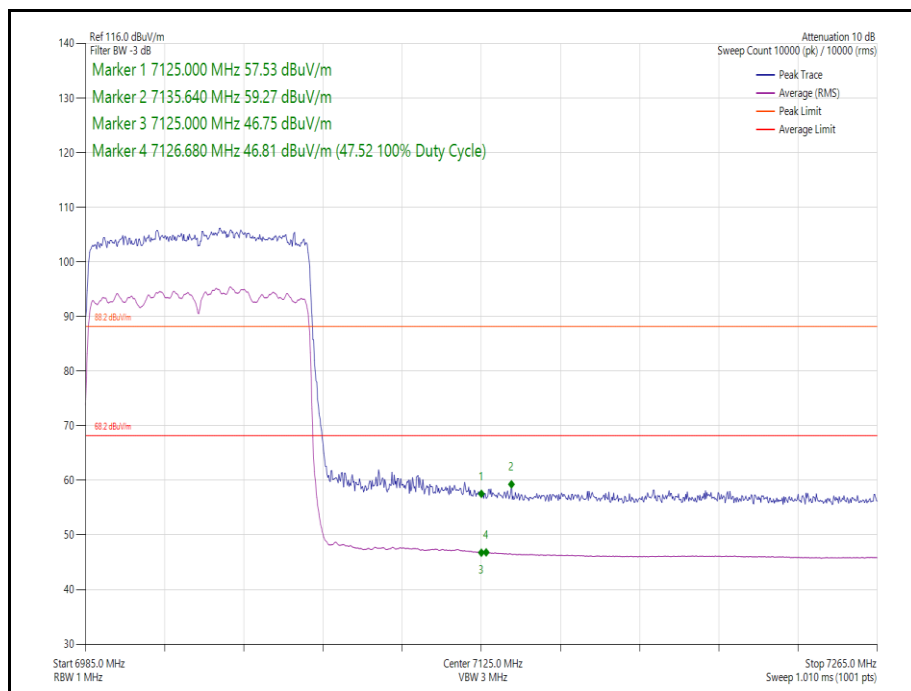
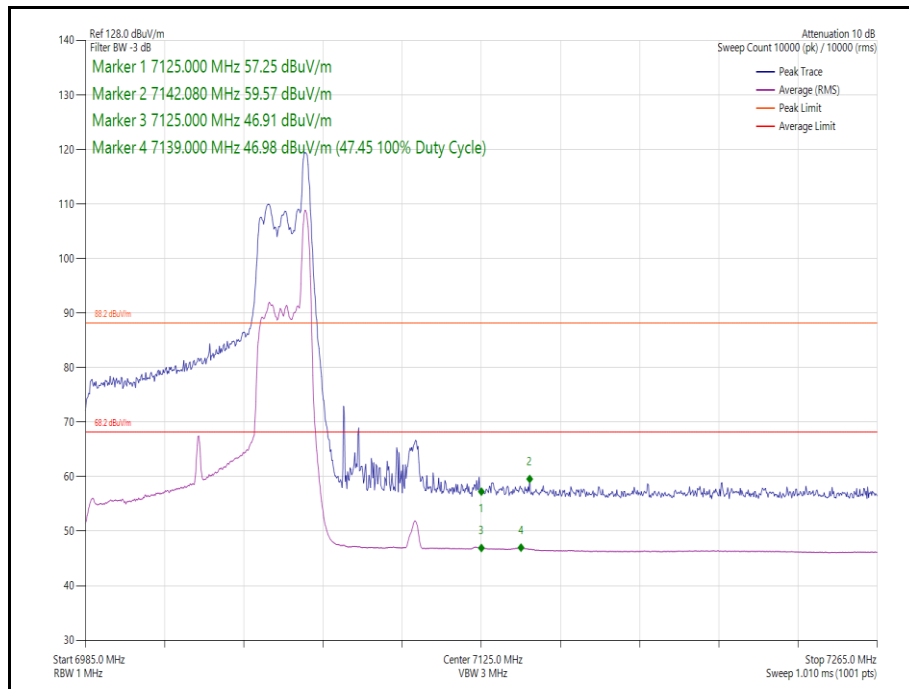


Figure 64 - 802.11ax HE80 SDM, Cores 0-1, SU - 7025 MHz
Band Edge Frequency 7125 MHz



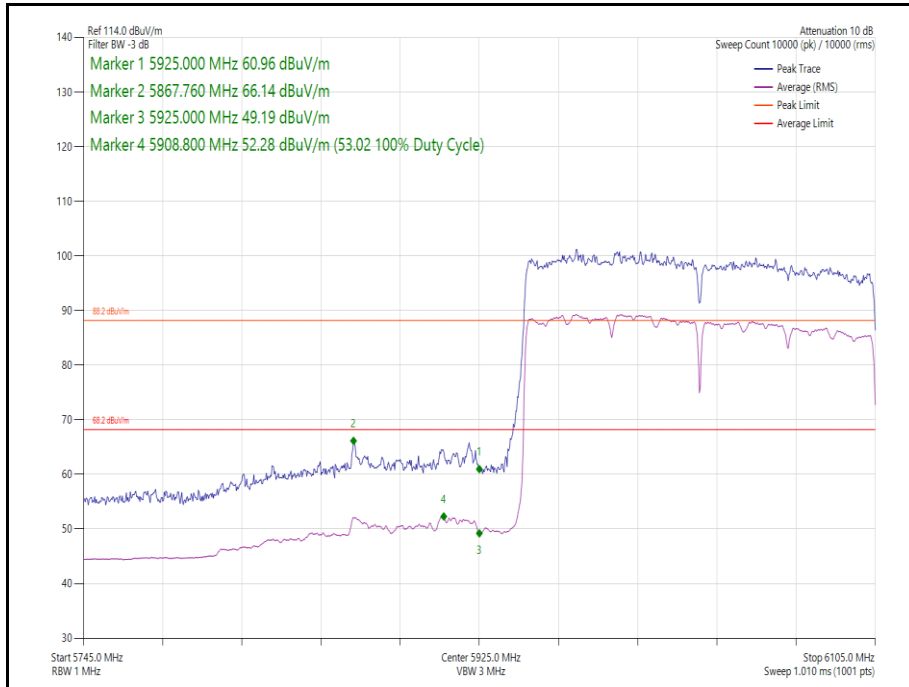
**Figure 65 - 802.11ax HE80 SDM, Cores 0-1, 26-36 - 7025 MHz
Band Edge Frequency 7125 MHz**



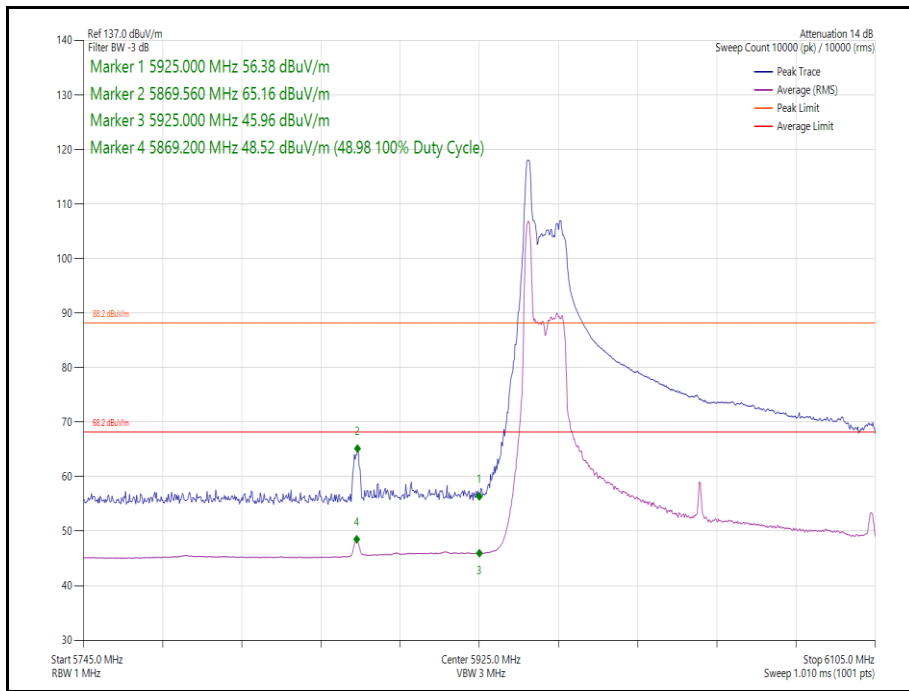
160 MHz Bandwidth (SISO)

| Mode | Data Rate /MCS | Resource size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|------------------------|----------------|---------------|----------------|--------------------|---------------------------|---------------------|------------------------|
| 802.11ax HE160, Core 1 | MCS 11x1 | SU | - | 6025 | 5925 | 66.14 | 53.02 |
| 802.11ax HE160, Core 1 | MCS 11x1 | 26 | 0 | 6025 | 5925 | 65.16 | 48.98 |
| 802.11ax HE160, Core 1 | MCS 11x1 | SU | - | 6985 | 7125 | 61.07 | 49.73 |
| 802.11ax HE160, Core 1 | MCS 11x1 | 26 | 17 | 6985 | 7125 | 68.23 | 50.86 |

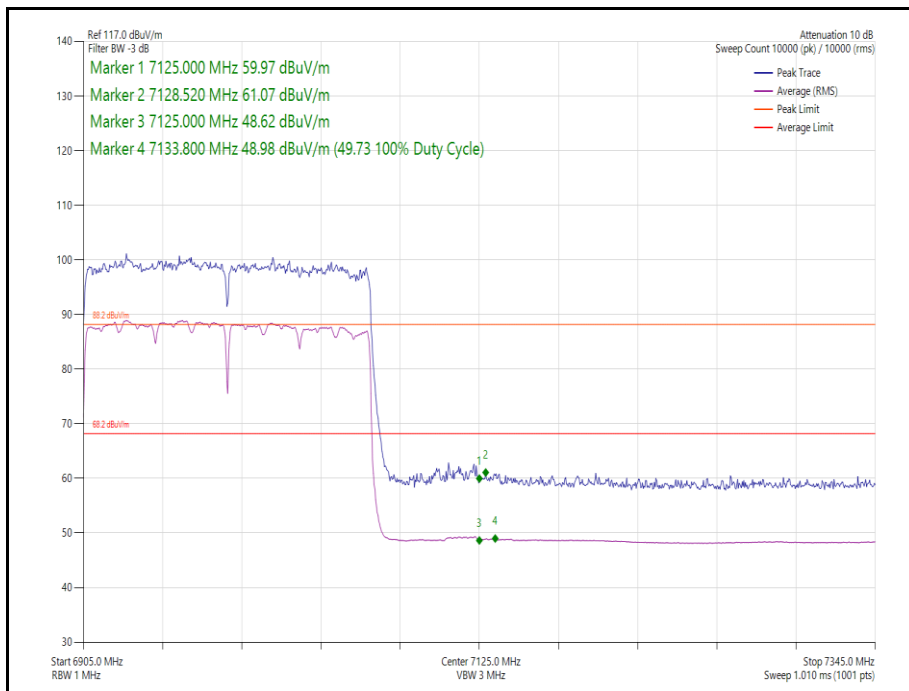
Table 328 - SISO Authorised Band Edge Results



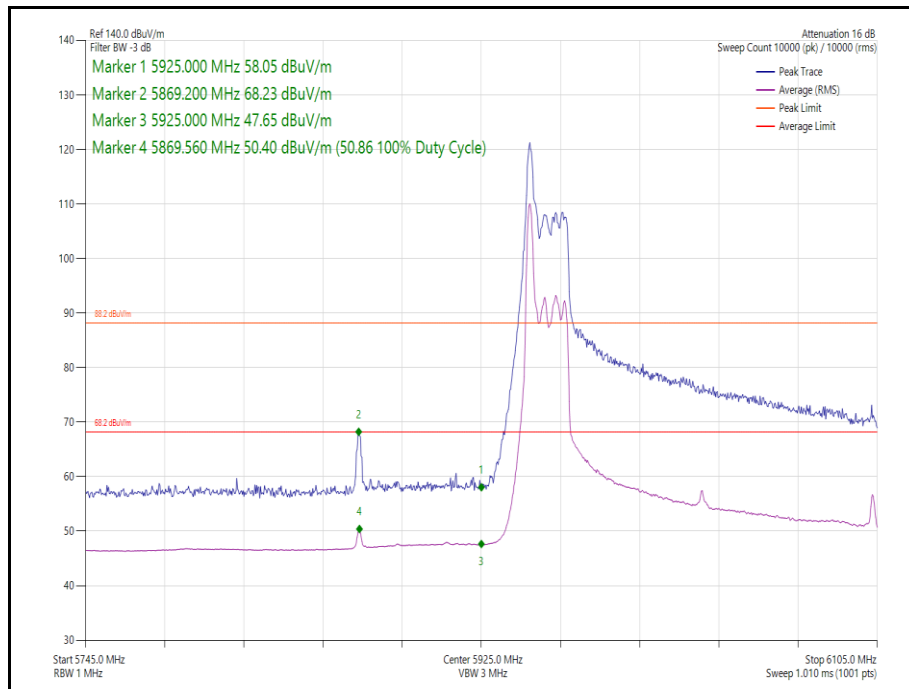
**Figure 66 - 802.11ax HE160 Core 1 SU - 6025 MHz
 Band Edge Frequency 5925 MHz**



**Figure 67 - 802.11ax HE160 Core 1 26-0 - 6025 MHz
Band Edge Frequency 5925 MHz**



**Figure 68 - 802.11ax HE160 Core 1 SU - 6985 MHz
Band Edge Frequency 7125 MHz**



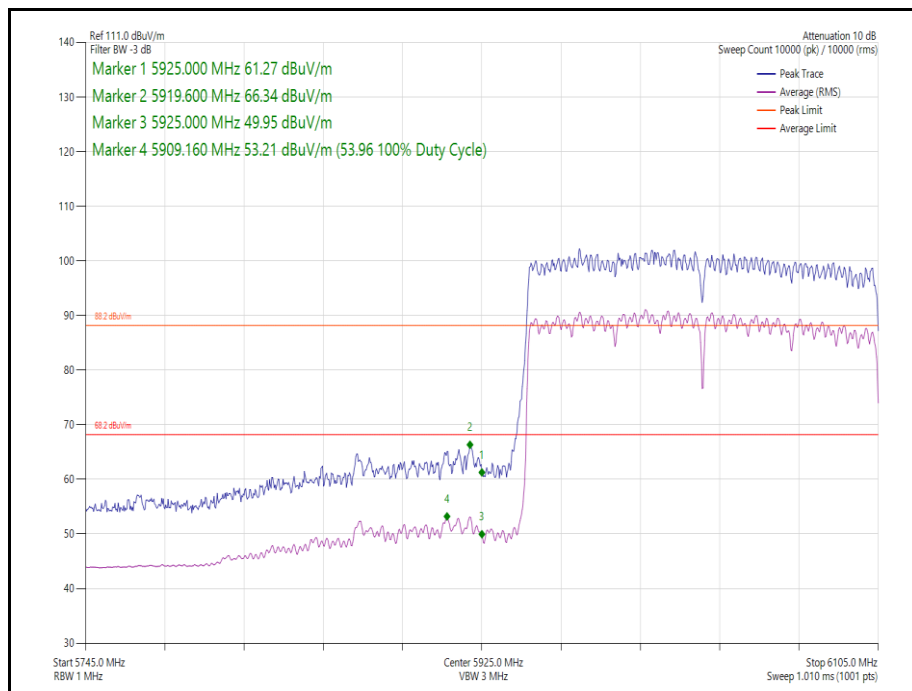
**Figure 69 - 802.11ax HE160 Core 1 26-17 - 6985 MHz
Band Edge Frequency 7125 MHz**



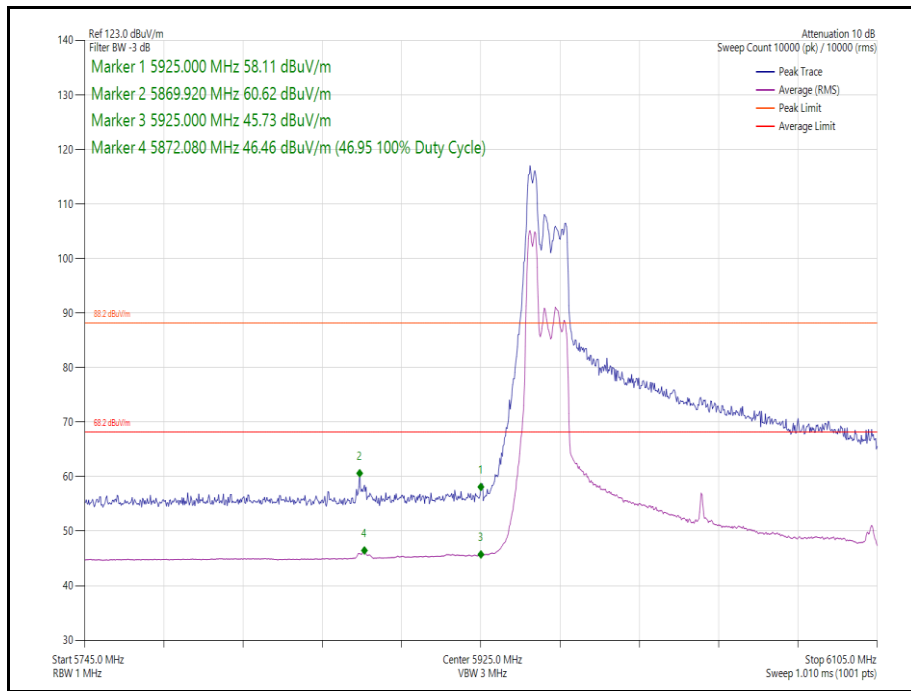
160 MHz Bandwidth (2TX MIMO)

| Mode | Data Rate/ MCS | Resource size | Resource Index | TX Frequency (MHz) | Band Edge Frequency (MHz) | Peak Level (dBμV/m) | Average Level (dBμV/m) |
|----------------------------------|-------------------|------------------|-------------------|--------------------------|------------------------------------|---------------------------|------------------------------|
| 802.11ax HE160 CDD, Cores 0-1 | MCS 11x1 | SU | - | 6025 | 5925 | 66.34 | 53.96 |
| 802.11ax HE160 CDD, Cores 0-1 | MCS 11x1 | 52 | 37 | 6025 | 5925 | 60.62 | 46.46 |
| 802.11ax HE160 SDM, Cores 0-1 | MCS 11x2 | SU | - | 6025 | 5925 | 64.67 | 52.97 |
| 802.11ax HE160 SDM, Cores 0-1 | MCS 11x2 | 26 | 0 | 6025 | 5925 | 68.23 | 50.86 |
| 802.11ax HE160 CDD, Cores 0-1 | MCS 11x1 | SU | - | 6985 | 7125 | 62.32 | 50.89 |
| 802.11ax HE160 CDD, Cores 0-1 | MCS 11x1 | 52 | 52 | 6985 | 7125 | 64.19 | 51.05 |
| 802.11ax HE160 SDM, Cores 0-1 | MCS 11x2 | SU | - | 6985 | 7125 | 61.92 | 49.81 |
| 802.11ax HE160 SDM, Cores 0-1 | MCS 11x2 | 26 | 36 | 6985 | 7125 | 64.97 | 52.20 |

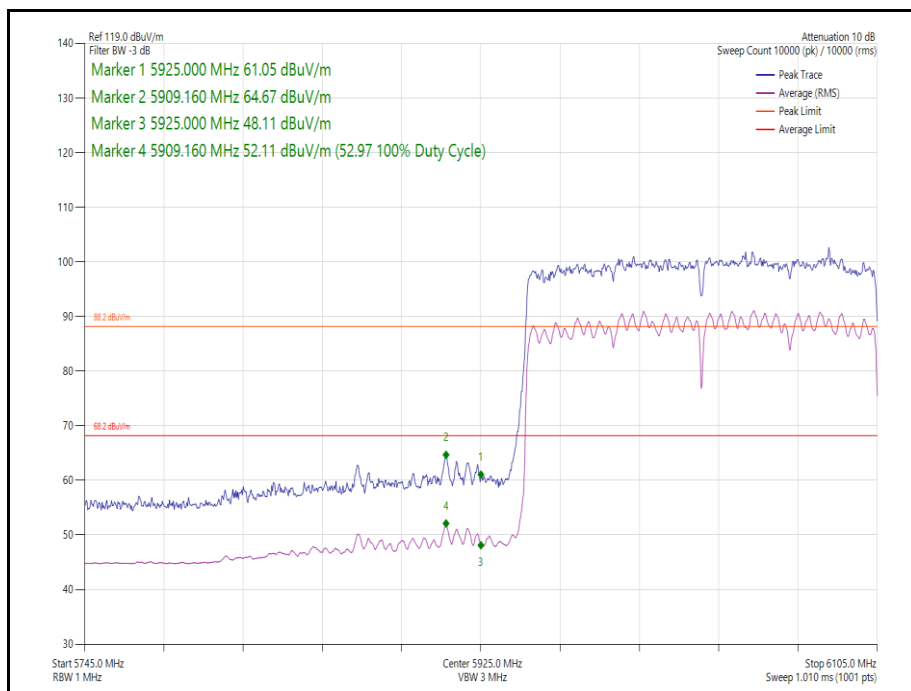
Table 329 - MIMO 2TX Authorised Band Edge Results



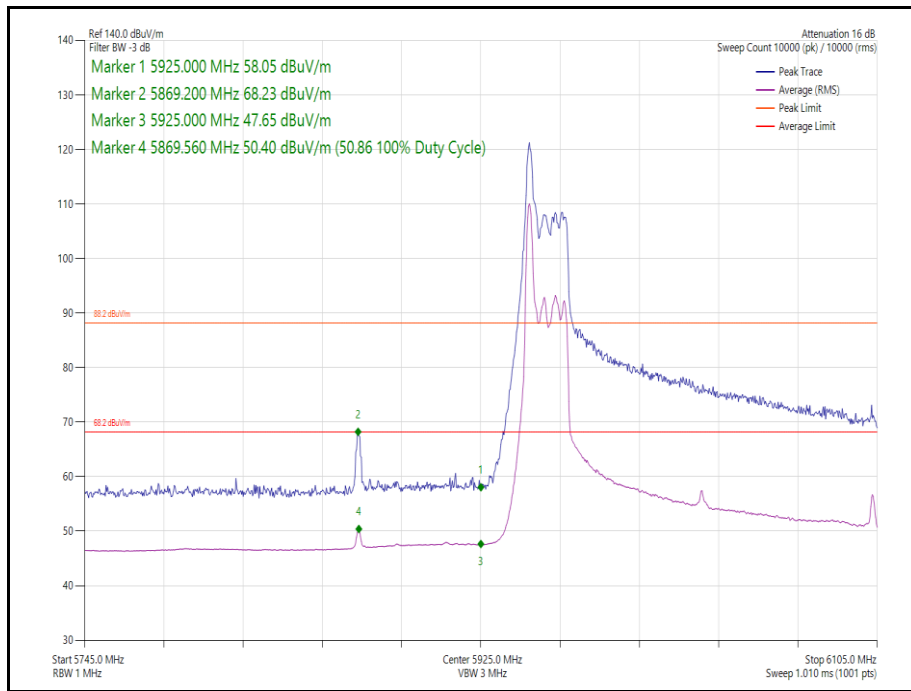
**Figure 70 - 802.11ax HE160 CDD, Cores 0-1, SU - 6025 MHz
 Band Edge Frequency 5925 MHz**



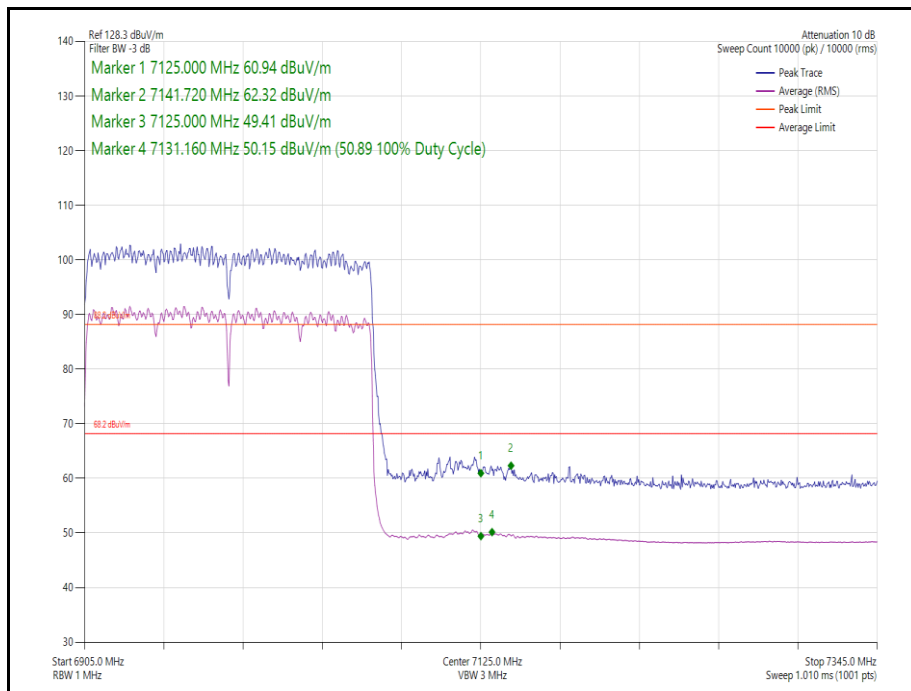
**Figure 71 - 802.11ax HE160 CDD, Cores 0-1, 52-37 - 6025 MHz
Band Edge Frequency 5925 MHz**



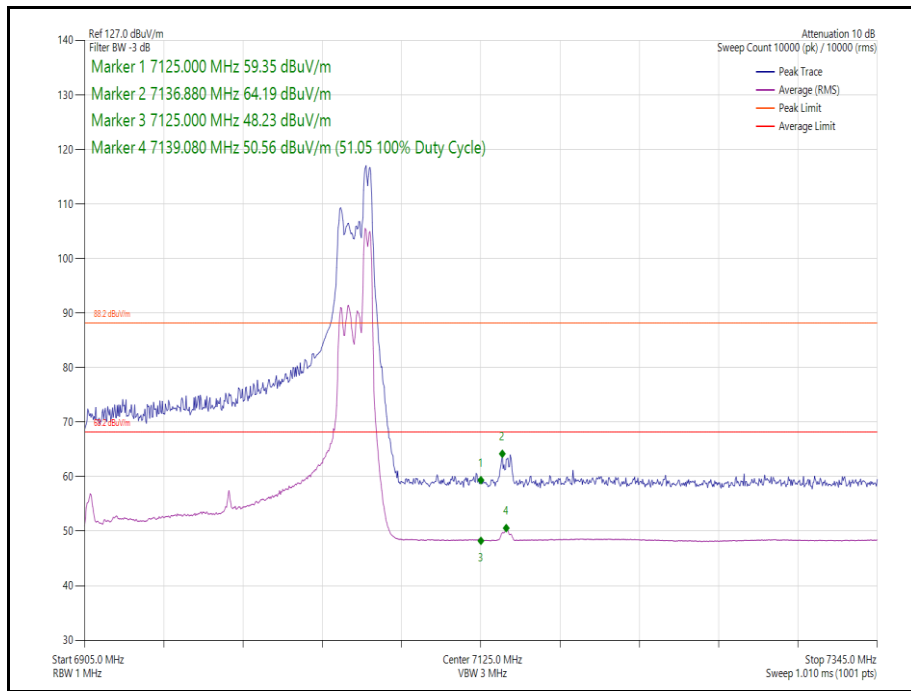
**Figure 72 - 802.11ax HE160 SDM, Cores 0-1, SU - 6025 MHz
Band Edge Frequency 5925 MHz**



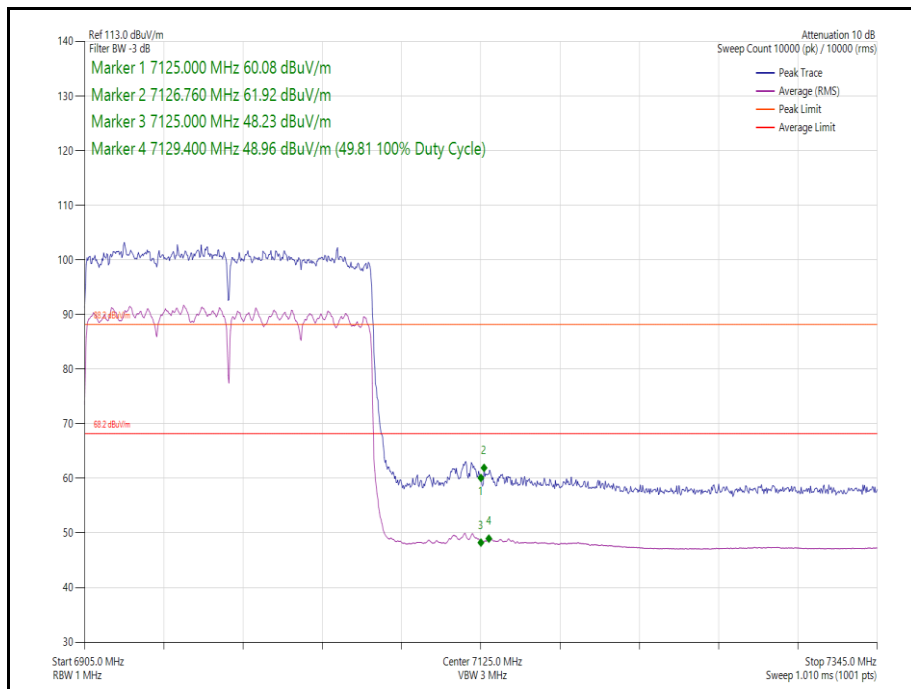
**Figure 73 - 802.11ax HE160 SDM, Cores 0-1, 26-0 - 6025 MHz
Band Edge Frequency 5925 MHz**



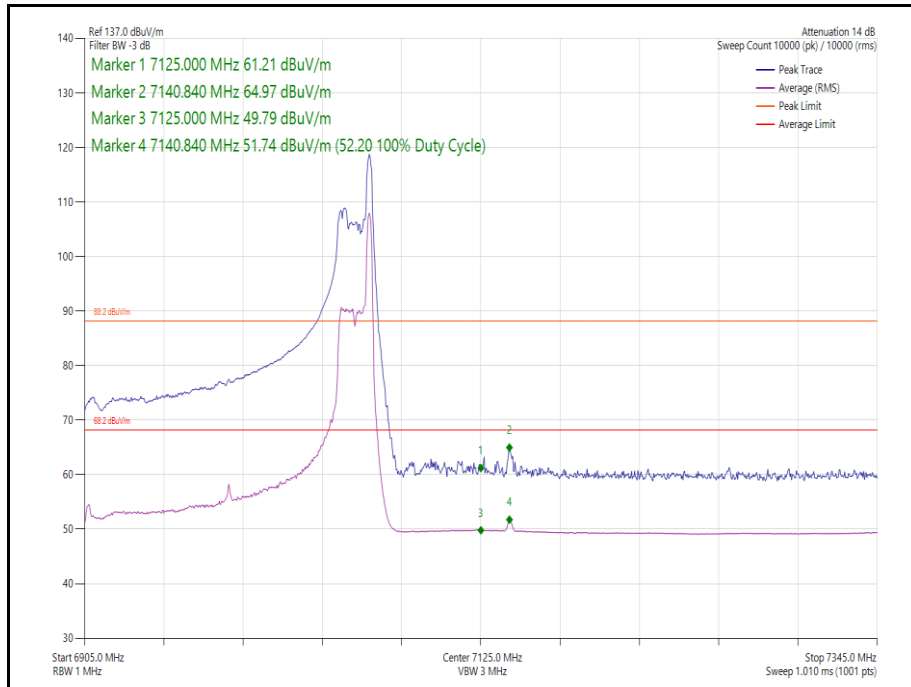
**Figure 74 - 802.11ax HE160 CDD, Cores 0-1, SU - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 75 - 802.11ax HE160 CDD, Cores 0-1, 52-52 - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 76 - 802.11ax HE160 SDM, Cores 0-1, SU - 6985 MHz
Band Edge Frequency 7125 MHz**



**Figure 77 - 802.11ax HE160 SDM, Cores 0-1, 26-36 - 6985 MHz
Band Edge Frequency 7125 MHz**

FCC 47 CFR Part 15E, Limit Clause 15.407(b)(1)(2)(3)(4)

For transmitters operating within the 5.925–7.125 GHz band: Any emissions outside of the 5.925–7.125 GHz band must not exceed an e.i.r.p. of -27 dBm.

ISED RSS-248, Limit Clause 4.7.2(a)

Any emissions outside of the 5925-7125 MHz band shall not exceed -27 dBm/MHz e.i.r.p



2.4.7 Test Location and Test Equipment Used

This test was carried out in EMC Chamber 5 and RF Chamber 15.

| Instrument | Manufacturer | Type No. | TE No. | Calibration Period (months) | Calibration Expiry Date |
|--------------------------------------|--------------------|----------------------|--------|-----------------------------|-------------------------|
| Screened Room (5) | Rainford | Rainford | 1545 | 36 | 15-Apr-2024 |
| Turntable Controller | Inn-Co GmbH | CO 1000 | 1606 | - | TU |
| Mast Controller | Maturo GmbH | NCD | 4810 | - | TU |
| Tilt Antenna Mast | Maturo GmbH | TAM 4.0-P | 4811 | - | TU |
| Antenna (DRG 1-10.5GHz) | Schwarzbeck | BBHA9120B | 4848 | 12 | 28-May-2023 |
| Emissions Software | TUV SUD | EmX V3.1.5 | 5125 | - | Software |
| Cable (SMA to SMA, 2 m) | Junkosha | MWX221-02000AMSAMS/A | 5517 | 12 | 12-Apr-2023 |
| Cable (N-Type to N-Type, 8 m) | Junkosha | MWX221-08000NMSNMS/B | 5520 | 0 | 24-Mar-2023 |
| EMI Test Receiver | Rohde & Schwarz | ESW44 | 5527 | 12 | 28-Apr-2023 |
| Thermo-Hygro-Barometer | PCE Instruments | PCE-THB 40 | 5604 | 12 | 22-Sep-2022 |
| EMI Test Receiver | Rohde & Schwarz | ESW44 | 5911 | 12 | 24-Feb-2023 |
| Compact Antenna Mast | Maturo GmbH | CAM4.0-P | 5959 | - | TU |
| 5m Semi-Anechoic Chamber (Dual-Axis) | Albatross Projects | RF Chamber 15 | 5963 | 36 | 28-Apr-2025 |
| Compact Antenna Mast | Maturo GmbH | CAM4.0-P | 5964 | - | TU |
| Mast & Turntable Controller | Maturo GmbH | FCU3.0 | 5966 | - | TU |
| Tilt Antenna Mast | Maturo GmbH | BAM4.5-P | 5967 | - | TU |
| Turntable | Maturo GmbH | TT1.5SI | 5968 | - | TU |
| Cable (SMA to SMA 1m) | Junkosha | MWX221-01000AMSAMS/A | 5996 | 12 | 06-Jun-2023 |
| Cable (SMA to SMA 1m) | Junkosha | MWX221-01000AMSAMS/A | 6007 | 12 | 06-Jun-2023 |
| Cable (SMA to SMA 6.5m) | Junkosha | MWX221-06500AMSAMS/B | 6014 | 12 | 07-Jun-2023 |
| Horn Antenna (1-10 GHz) | Schwarzbeck | BBHA9120B | 6140 | 12 | 21-Jun-2023 |
| Humidity & Temperature meter | R.S Components | 1364 | 6150 | 12 | 17-Jun-2023 |
| SAC Switch Unit | TUV SUD | SSU003 | 6191 | 12 | 15-Jul-2023 |

Table 330

TU - Traceability Unscheduled
 O/P Mon – Output Monitored using calibrated equipment



2.5 Unwanted Emissions within the 5925-7125 MHz band

2.5.1 Specification Reference

FCC 47 CFR Part 15E, Clause 15.407 (b)
ISED RSS-248, Clause 4.7
ISED RSS-GEN, Clause 6.13

2.5.2 Equipment Under Test and Modification State

A2816, S/N: H12J4GXMVX - Modification State 0
A2816, S/N: L161VX092H - Modification State 0

2.5.3 Date of Test

14-November-2022 to 04-December-2022

2.5.4 Test Method

This test was performed in accordance with KDB 987594 D02, clause J.

2.5.5 Environmental Conditions

| | |
|---------------------|----------------|
| Ambient Temperature | 22.0 - 23.4 °C |
| Relative Humidity | 24.8 - 46.5 % |



2.5.6 Test Results

6 GHz WLAN

SISO

| Protocol | Unwanted Emissions Within the RLAN Band | |
|-------------------|---|-----------------|
| | Margin (dB) | Frequency (MHz) |
| 802.11a | 3.81 | 6650.800 |
| 802.11ax HE20 SU | 2.77 | 7146.600 |
| 802.11ax HE40 SU | 6.43 | 6336.540 |
| 802.11ax HE80 SU | 6.44 | 5845.980 |
| 802.11ax HE160 SU | 1.81 | 6346.000 |

Table 331 - Unwanted Emissions Within the RLAN Band Summary Results

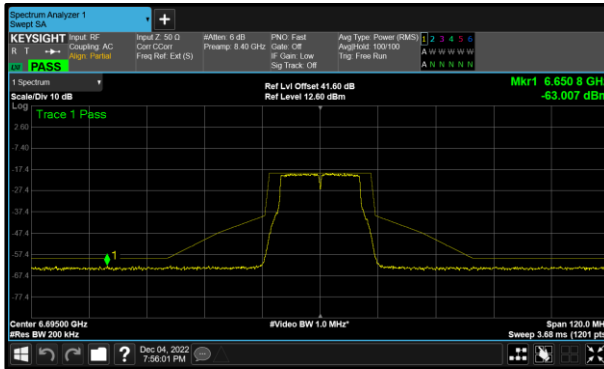


Figure 78 - B (Core 1) 802.11a 6695 MHz (CH149)

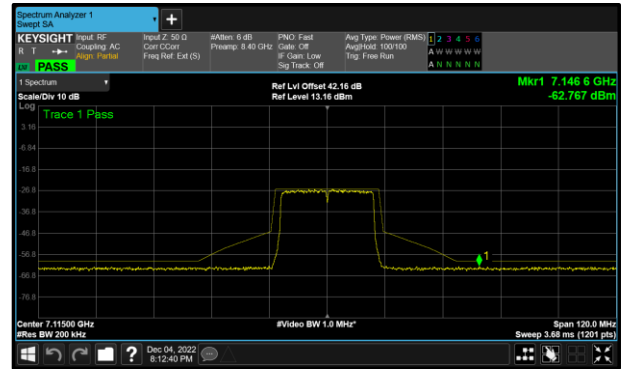


Figure 79 - B (Core 1) 802.11ax HE20 SU 7115 MHz (CH233)

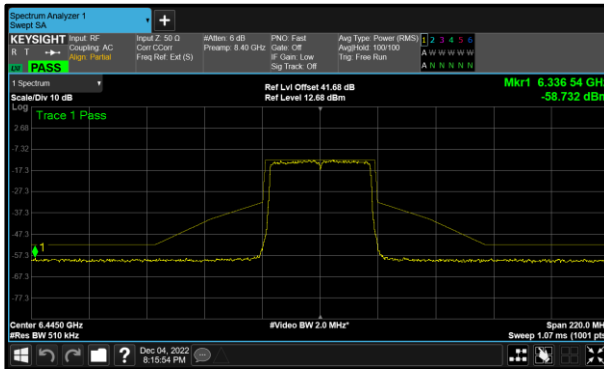


Figure 80 - B (Core 1) 802.11ax HE40 SU 6445 MHz (CH99)

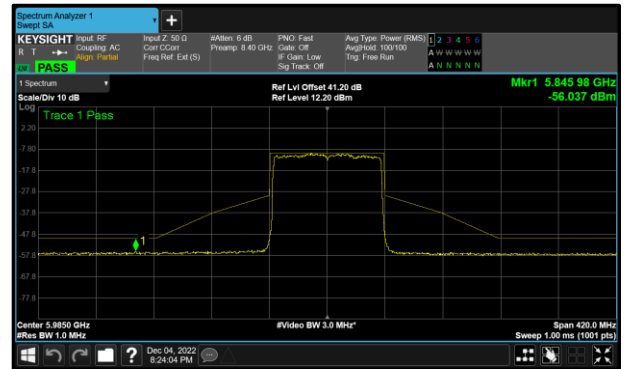


Figure 81 - B (Core 1) 802.11ax HE80 SU 5985 MHz (CH7)

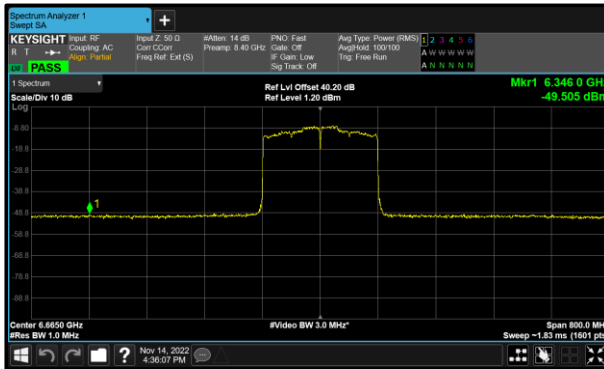
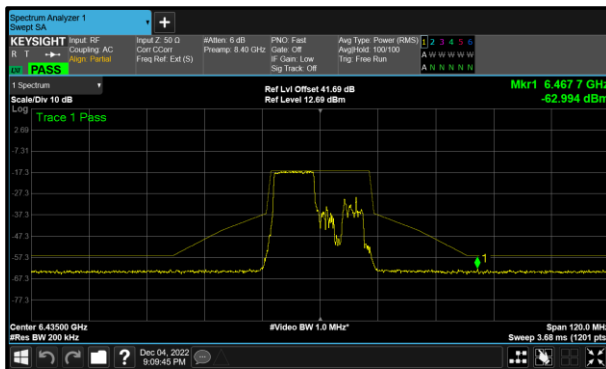


Figure 82 - B (Core 1) 802.11ax HE160 SU 6665 MHz (CH143)

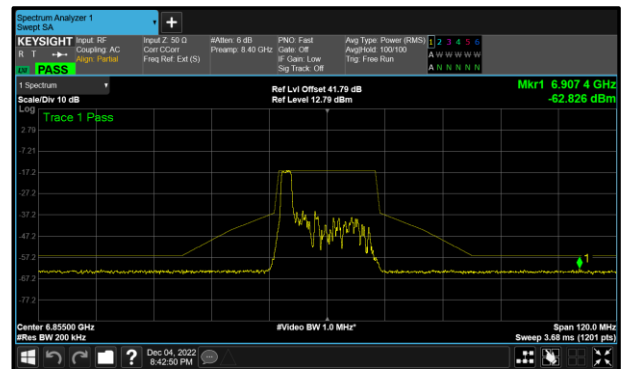


| Protocol | Unwanted Emissions Within the RLAN Band | |
|---------------------|---|-----------------|
| | Margin (dB) | Frequency (MHz) |
| 802.11ax HE20 RU106 | 6.39 | 6467.700 |
| 802.11ax HE20 RU26 | 6.53 | 6907.400 |
| 802.11ax HE20 RU52 | 6.44 | 5918.300 |
| | | |

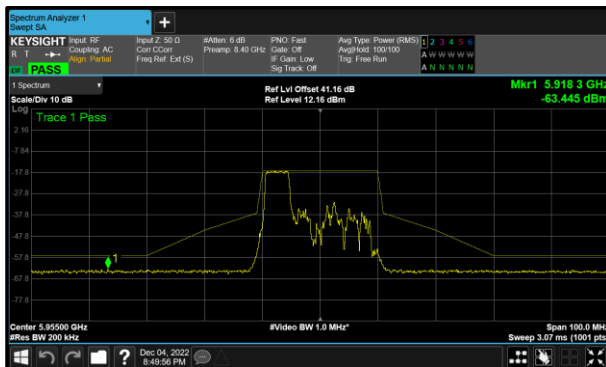
Table 332 - Unwanted Emissions Within the RLAN Band Summary Results



**Figure 83 - B (Core 1) 802.11ax HE20 RU106
 6435 MHz (CH97)**



**Figure 84 - B (Core 1) 802.11ax HE20 RU26
 6855 MHz (CH181)**



**Figure 85 - B (Core 1) 802.11ax HE20 RU52
 5955 MHz (CH1)**



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|------------------------|------------|--------------------------|---|
| Mode: | 802.11a | Duty Cycle (%): | - |
| Data Rate: | 12 Mbps | DCCF (dB): | - |
| Antenna Configuration: | SISO | Peak Antenna Gain (dBi): | - |
| Active Port(s): | B (Core 1) | Active Chain Id(s): | 1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5955 | - | 5.30 | - | - |
| 6175 | - | 9.00 | - | - |
| 6415 | - | 5.00 | - | - |
| 6435 | - | 5.07 | - | - |
| 6475 | - | 4.94 | - | - |
| 6515 | - | 5.41 | - | - |
| 6535 | - | 5.17 | - | - |
| 6695 | - | 3.81 | - | - |
| 6855 | - | 4.75 | - | - |
| 6875 | - | 4.91 | - | - |
| 6895 | - | 8.39 | - | - |
| 6995 | - | 8.47 | - | - |
| 7115 | - | 7.16 | - | - |

Table 333 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|------------------|--------------------------|---|
| Mode: | 802.11ax HE20 SU | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | SISO | Peak Antenna Gain (dBi): | - |
| Active Port(s): | B (Core 1) | Active Chain Id(s): | 1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5955 | - | 5.68 | - | - |
| 6175 | - | 8.86 | - | - |
| 6415 | - | 7.96 | - | - |
| 6435 | - | 5.10 | - | - |
| 6475 | - | 5.26 | - | - |
| 6515 | - | 7.87 | - | - |
| 6535 | - | 8.24 | - | - |
| 6695 | - | 7.89 | - | - |
| 6855 | - | 7.81 | - | - |
| 6875 | - | 7.77 | - | - |
| 6895 | - | 8.62 | - | - |
| 6995 | - | 8.55 | - | - |
| 7115 | - | 2.77 | - | - |

Table 334 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|------------------|--------------------------|---|
| Mode: | 802.11ax HE40 SU | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | SISO | Peak Antenna Gain (dBi): | - |
| Active Port(s): | B (Core 1) | Active Chain Id(s): | 1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5965 | - | 6.74 | - | - |
| 6165 | - | 8.57 | - | - |
| 6405 | - | 7.04 | - | - |
| 6445 | - | 6.43 | - | - |
| 6485 | - | 7.26 | - | - |
| 6525 | - | 7.33 | - | - |
| 6565 | - | 7.10 | - | - |
| 6685 | - | 7.26 | - | - |
| 6845 | - | 6.82 | - | - |
| 6885 | - | 6.52 | - | - |
| 6925 | - | 8.34 | - | - |
| 7005 | - | 8.52 | - | - |
| 7085 | - | 7.81 | - | - |

Table 335 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|------------------|--------------------------|---|
| Mode: | 802.11ax HE80 SU | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | SISO | Peak Antenna Gain (dBi): | - |
| Active Port(s): | B (Core 1) | Active Chain Id(s): | 1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5985 | - | 6.44 | - | - |
| 6145 | - | 8.27 | - | - |
| 6385 | - | 7.10 | - | - |
| 6465 | - | 6.47 | - | - |
| 6545 | - | 6.86 | - | - |
| 6625 | - | 6.93 | - | - |
| 6705 | - | 7.16 | - | - |
| 6785 | - | 7.08 | - | - |
| 6865 | - | 6.66 | - | - |
| 6945 | - | 8.00 | - | - |
| 7025 | - | 7.81 | - | - |

Table 336 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|-------------------|--------------------------|---|
| Mode: | 802.11ax HE160 SU | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | SISO | Peak Antenna Gain (dBi): | - |
| Active Port(s): | B (Core 1) | Active Chain Id(s): | 1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 6025 | - | 2.23 | - | - |
| 6185 | - | 2.73 | - | - |
| 6345 | - | 2.07 | - | - |
| 6505 | - | 2.12 | - | - |
| 6665 | - | 1.81 | - | - |
| 6825 | - | 4.23 | - | - |
| 6985 | - | 4.35 | - | - |

Table 337 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|--------------------|--------------------------|---|
| Mode: | 802.11ax HE20 RU26 | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | SISO | Peak Antenna Gain (dBi): | - |
| Active Port(s): | B (Core 1) | Active Chain Id(s): | 1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5955 (RU26.0) | - | 6.65 | - | - |
| 6175 (RU26.0) | - | 8.76 | - | - |
| 6415 (RU26.8) | - | 6.65 | - | - |
| 6435 (RU26.0) | - | 6.71 | - | - |
| 6475 (RU26.0) | - | 7.11 | - | - |
| 6515 (RU26.8) | - | 7.14 | - | - |
| 6535 (RU26.0) | - | 7.22 | - | - |
| 6695 (RU26.0) | - | 7.25 | - | - |
| 6855 (RU26.0) | - | 6.53 | - | - |
| 6875 (RU26.0) | - | 6.80 | - | - |
| 6875 (RU26.8) | - | 6.79 | - | - |
| 6895 (RU26.0) | - | 8.16 | - | - |
| 6995 (RU26.0) | - | 7.64 | - | - |
| 7095 (RU26.0) | - | 7.97 | - | - |

Table 338 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|--------------------|--------------------------|---|
| Mode: | 802.11ax HE20 RU52 | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | SISO | Peak Antenna Gain (dBi): | - |
| Active Port(s): | B (Core 1) | Active Chain Id(s): | 1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5955 (RU52.37) | - | 6.44 | - | - |
| 6175 (RU52.37) | - | 8.32 | - | - |
| 6415 (RU52.40) | - | 7.12 | - | - |
| 6435 (RU52.37) | - | 6.78 | - | - |
| 6475 (RU52.37) | - | 6.94 | - | - |
| 6515 (RU52.40) | - | 7.42 | - | - |
| 6535 (RU52.37) | - | 7.45 | - | - |
| 6695 (RU52.37) | - | 7.28 | - | - |
| 6855 (RU52.37) | - | 7.07 | - | - |
| 6875 (RU52.37) | - | 6.98 | - | - |
| 6875 (RU52.40) | - | 7.20 | - | - |
| 6895 (RU52.37) | - | 8.30 | - | - |
| 6995 (RU52.37) | - | 7.98 | - | - |
| 7095 (RU52.37) | - | 8.57 | - | - |

Table 339 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|---------------------|--------------------------|---|
| Mode: | 802.11ax HE20 RU106 | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | SISO | Peak Antenna Gain (dBi): | - |
| Active Port(s): | B (Core 1) | Active Chain Id(s): | 1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5955 (RU106.53) | - | 6.97 | - | - |
| 6175 (RU106.53) | - | 8.96 | - | - |
| 6415 (RU106.54) | - | 7.28 | - | - |
| 6435 (RU106.53) | - | 6.39 | - | - |
| 6475 (RU106.53) | - | 7.32 | - | - |
| 6515 (RU106.54) | - | 7.56 | - | - |
| 6535 (RU106.53) | - | 7.66 | - | - |
| 6695 (RU106.53) | - | 7.26 | - | - |
| 6855 (RU106.53) | - | 7.39 | - | - |
| 6875 (RU106.53) | - | 7.06 | - | - |
| 6875 (RU106.54) | - | 7.02 | - | - |
| 6895 (RU106.53) | - | 8.55 | - | - |
| 6995 (RU106.53) | - | 8.33 | - | - |
| 7095 (RU106.53) | - | 7.77 | - | - |

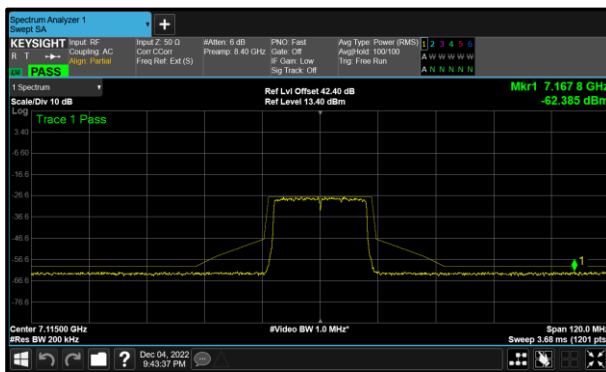
Table 340 - Unwanted Emissions Within the Band Results



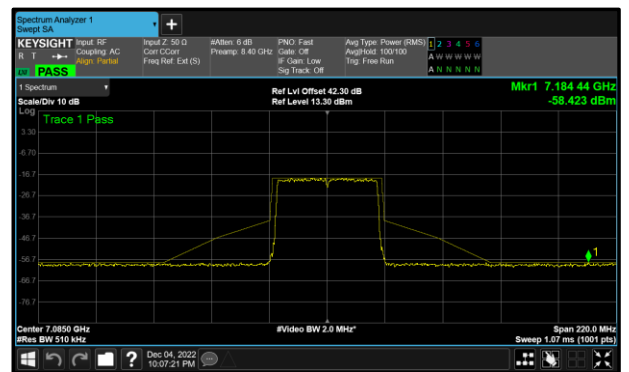
MIMO CDD

| Protocol | Unwanted Emissions Within the RLAN Band | |
|-------------------|---|-----------------|
| | Margin (dB) | Frequency (MHz) |
| 802.11ax HE20 SU | 2.38 | 7167.800 |
| 802.11ax HE40 SU | 0.02 | 7184.440 |
| 802.11ax HE80 SU | 2.22 | 6323.460 |
| 802.11ax HE160 SU | 1.26 | 6260.000 |

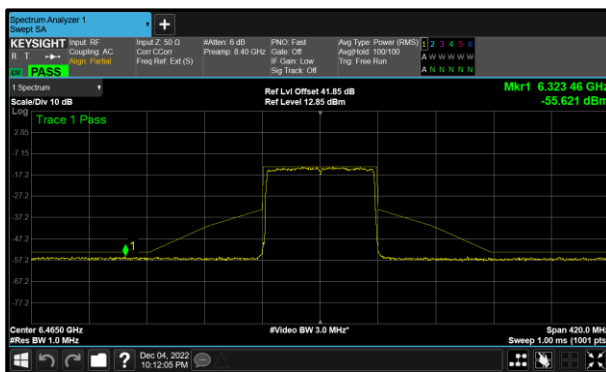
Table 341 - Unwanted Emissions Within the RLAN Band Summary Results



**Figure 86 - A (Core 0) 802.11ax HE20 SU
 7115 MHz (CH233)**



**Figure 87 - B (Core 1) 802.11ax HE40 SU
 7085 MHz (CH227)**

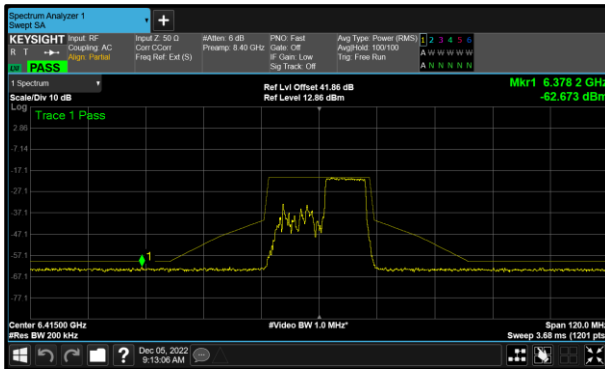


**Figure 88 - A (Core 0) 802.11ax HE80 SU
 6465 MHz (CH103)**

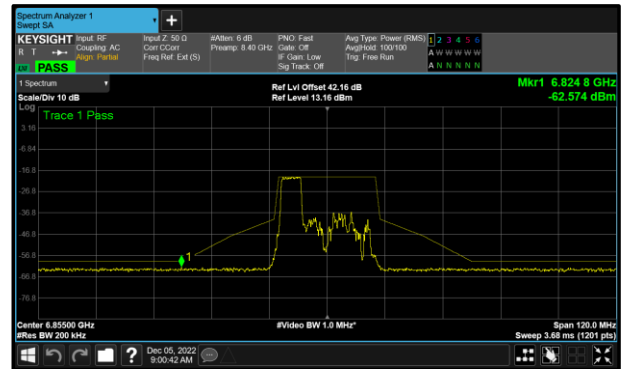


| Protocol | Unwanted Emissions Within the RLAN Band | |
|---------------------|---|-----------------|
| | Margin (dB) | Frequency (MHz) |
| 802.11ax HE20 RU106 | 2.67 | 6378.200 |
| 802.11ax HE20 RU52 | 2.77 | 6824.800 |

Table 342 - Unwanted Emissions Within the RLAN Band Summary Results



**Figure 89 - A (Core 0) 802.11ax HE20 RU106
 6415 MHz (CH93)**



**Figure 90 - A (Core 0) 802.11ax HE20 RU52
 6855 MHz (CH181)**



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|-----------------------|--------------------------|-----|
| Mode: | 802.11ax HE20 SU | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | MIMO CDD | Peak Antenna Gain (dBi): | - |
| Active Port(s): | A+B (Core 0 + Core 1) | Active Chain Id(s): | 0+1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5955 | 3.17 | 3.51 | - | - |
| 6175 | 3.67 | 4.44 | - | - |
| 6415 | 3.09 | 3.56 | - | - |
| 6435 | 3.04 | 3.16 | - | - |
| 6475 | 3.26 | 3.20 | - | - |
| 6515 | 3.23 | 3.53 | - | - |
| 6535 | 3.32 | 3.87 | - | - |
| 6695 | 3.44 | 3.64 | - | - |
| 6855 | 3.71 | 2.85 | - | - |
| 6875 | 3.75 | 2.94 | - | - |
| 6895 | 4.13 | 3.91 | - | - |
| 6995 | 4.29 | 3.91 | - | - |
| 7115 | 2.38 | 2.69 | - | - |

Table 343 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|-----------------------|--------------------------|-----|
| Mode: | 802.11ax HE40 SU | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | MIMO CDD | Peak Antenna Gain (dBi): | - |
| Active Port(s): | A+B (Core 0 + Core 1) | Active Chain Id(s): | 0+1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5965 | 2.08 | 2.09 | - | - |
| 6165 | 5.07 | 5.20 | - | - |
| 6405 | 1.50 | 1.90 | - | - |
| 6445 | 1.42 | 1.67 | - | - |
| 6485 | 1.81 | 2.20 | - | - |
| 6525 | 2.08 | 2.17 | - | - |
| 6565 | 1.11 | 2.03 | - | - |
| 6685 | 1.30 | 1.93 | - | - |
| 6845 | 2.01 | 0.93 | - | - |
| 6885 | 1.98 | 2.04 | - | - |
| 6925 | 1.95 | 1.48 | - | - |
| 7005 | 2.25 | 0.72 | - | - |
| 7085 | 1.51 | 0.02 | - | - |

Table 344 - Unwanted Emissions Within the Band Results



| Test Configuration | | | |
|--------------------|-----------------|-----------------|---------------------------------------|
| Frequency Range: | 5.925-7.125 GHz | Band: | U-NII-5, U-NII-6, U-NII-7, U-NII-8 |
| Limit Clause(s): | 15.407(b) | Test Method(s): | KDB 987594 clause j |

| DUT Configuration | | | |
|---------------------------|-----------------------|--------------------------|-----|
| Mode: | 802.11ax HE80 SU | Duty Cycle (%): | - |
| Modulation Coding Scheme: | MCS2x1 | DCCF (dB): | - |
| Antenna Configuration: | MIMO CDD | Peak Antenna Gain (dBi): | - |
| Active Port(s): | A+B (Core 0 + Core 1) | Active Chain Id(s): | 0+1 |

| Test Frequency (MHz) | Unwanted Emissions Within the RLAN Band Margin (dB) | | | |
|----------------------|---|------|---|---|
| | A | B | C | D |
| 5985 | 2.34 | 2.76 | - | - |
| 6145 | 4.05 | 4.60 | - | - |
| 6385 | 3.34 | 3.42 | - | - |
| 6465 | 2.22 | 2.66 | - | - |
| 6545 | 3.24 | 2.98 | - | - |
| 6625 | 3.38 | 3.42 | - | - |
| 6705 | 3.14 | 3.61 | - | - |
| 6785 | 3.12 | 3.50 | - | - |
| 6865 | 2.52 | 3.24 | - | - |
| 6945 | 3.56 | 3.76 | - | - |
| 7025 | 3.61 | 3.99 | - | - |

Table 345 - Unwanted Emissions Within the Band Results