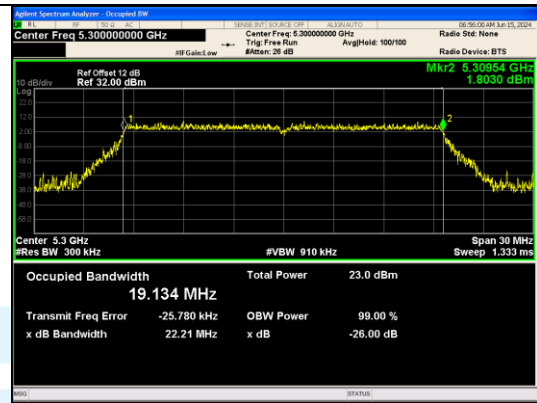
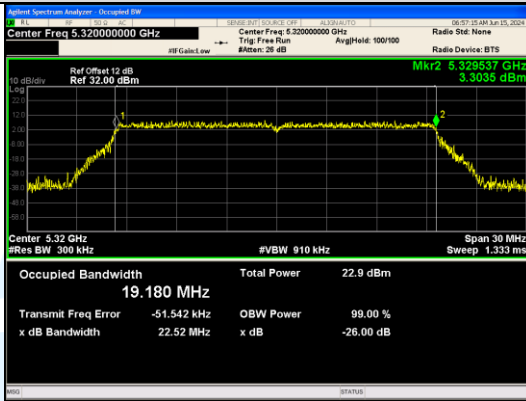


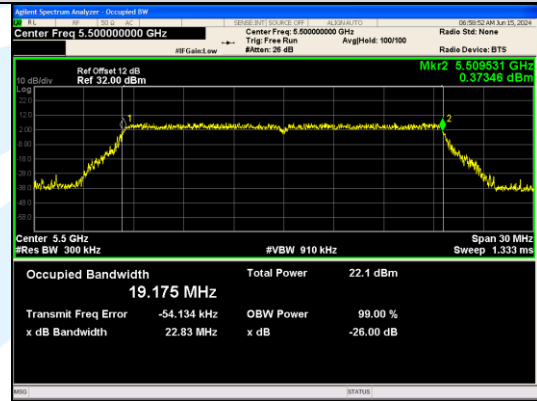
IEEE 802.11ax_Channel 52_20MHz_Antenna 0_RU&Index SU



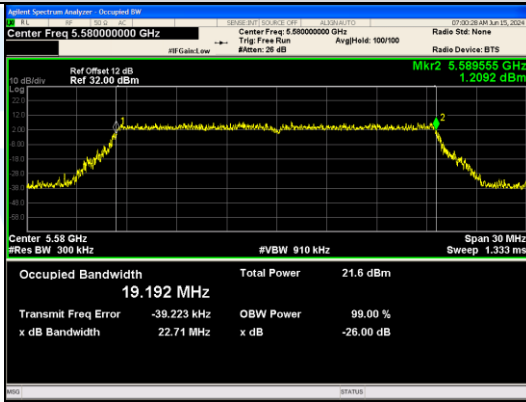
IEEE 802.11ax_Channel 60_20MHz_Antenna 0_RU&Index SU



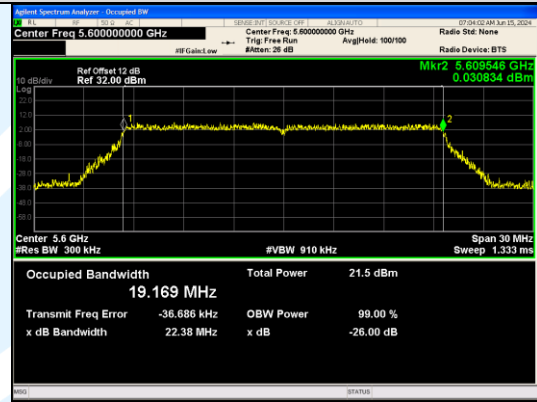
IEEE 802.11ax_Channel 64_20MHz_Antenna 0_RU&Index SU



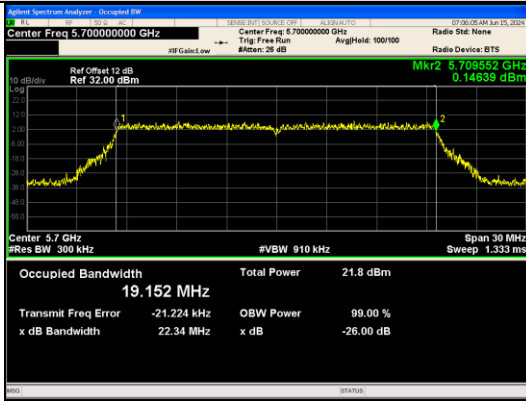
IEEE 802.11ax_Channel 100_20MHz_Antenna 0_RU&Index SU



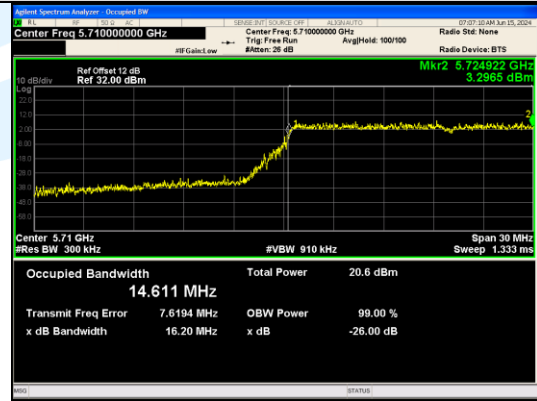
IEEE 802.11ax_Channel 116_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 120_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 140_20MHz_Antenna 0_RU&Index SU



IEEE 802.11ax_Channel 144_20MHz_Antenna 0_RU&Index SU

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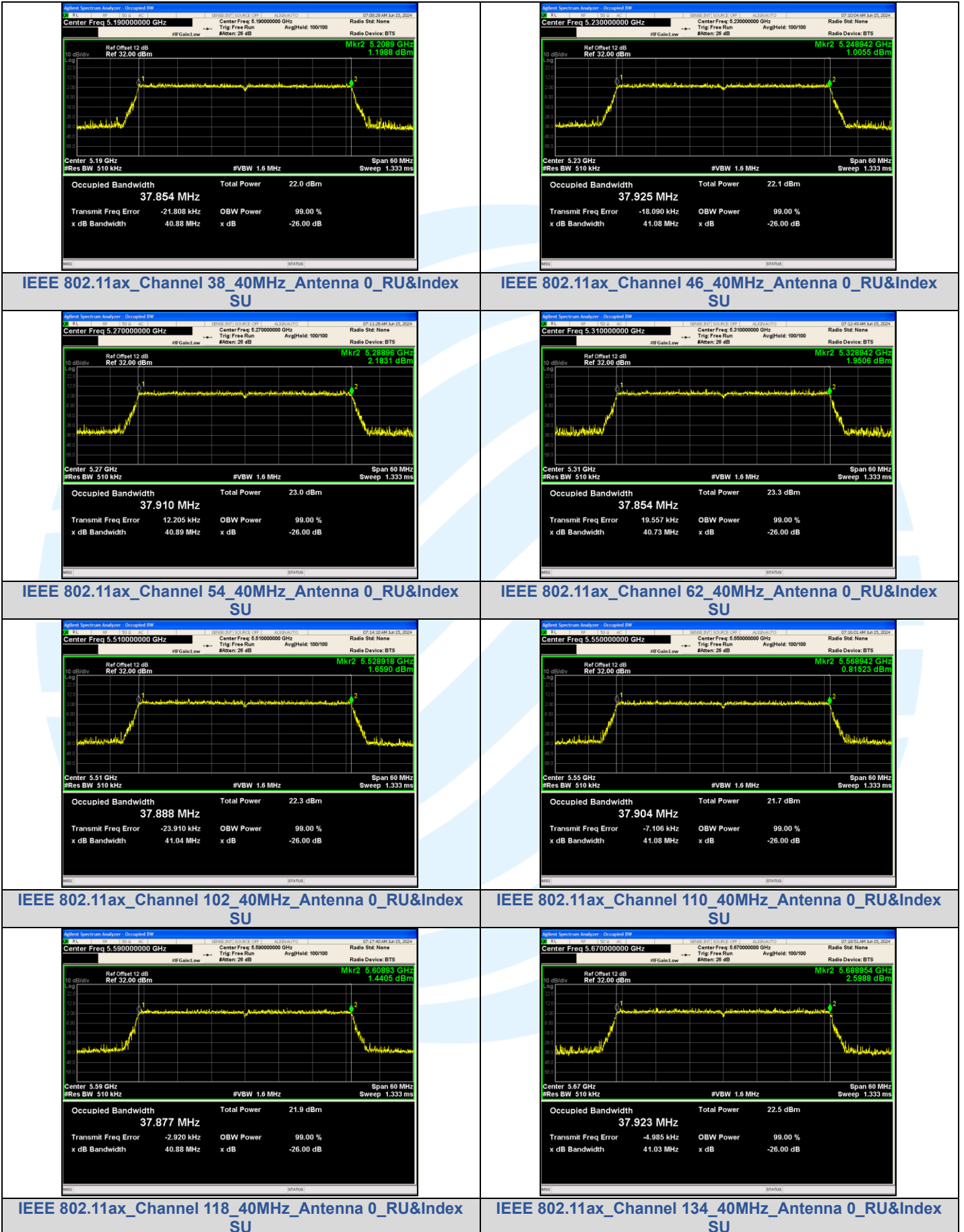
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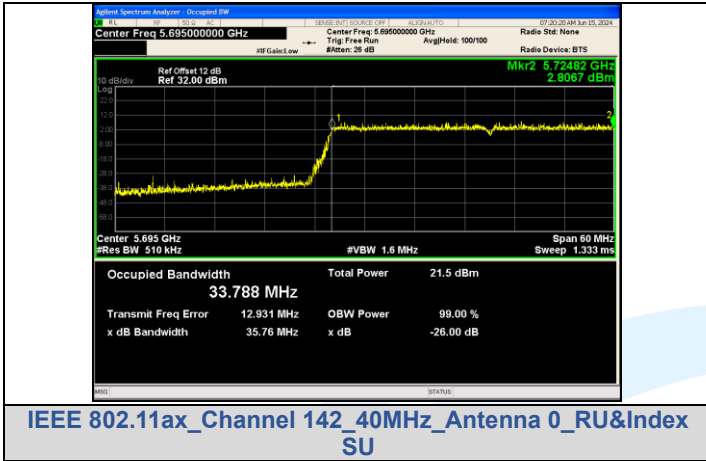
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For U-NII-3 band

| Mode | Channel | RU & Index | Ant. | Center Frequency (MHz) | 99% BW (MHz) |
|------------------|---------|------------|--------|------------------------|--------------|
| IEEE 802.11a | 144 | N/A | 0 | 5720 | 4.5795 |
| | 149 | | | 5745 | 17.041 |
| | 157 | | | 5785 | 17.117 |
| | 165 | | | 5825 | 17.055 |
| IEEE 802.11n_20 | 144 | | | 5720 | 4.8007 |
| | 149 | | | 5745 | 18.103 |
| | 157 | | | 5785 | 18.139 |
| | 165 | | | 5825 | 18.056 |
| IEEE 802.11n_40 | 142 | | | 5710 | 4.4467 |
| | 151 | | | 5755 | 36.458 |
| | 159 | | | 5795 | 36.493 |
| IEEE 802.11ac_20 | 144 | | | 5720 | 4.7348 |
| | 149 | | | 5745 | 18.100 |
| | 157 | | | 5785 | 18.127 |
| | 165 | | | 5825 | 18.133 |
| IEEE 802.11ac_40 | 142 | | | 5710 | 4.4381 |
| | 151 | 5755 | 36.450 | | |
| | 159 | 5795 | 36.522 | | |
| IEEE 802.11ax_20 | 144 | SU | 5720 | 4.9386 | |
| | 149 | | 5745 | 19.139 | |
| | 157 | | 5785 | 19.123 | |
| | 165 | | 5825 | 19.140 | |
| IEEE 802.11ax_40 | 142 | | 5710 | 4.5781 | |
| | 151 | | 5755 | 37.937 | |
| | 159 | | 5795 | 37.945 | |

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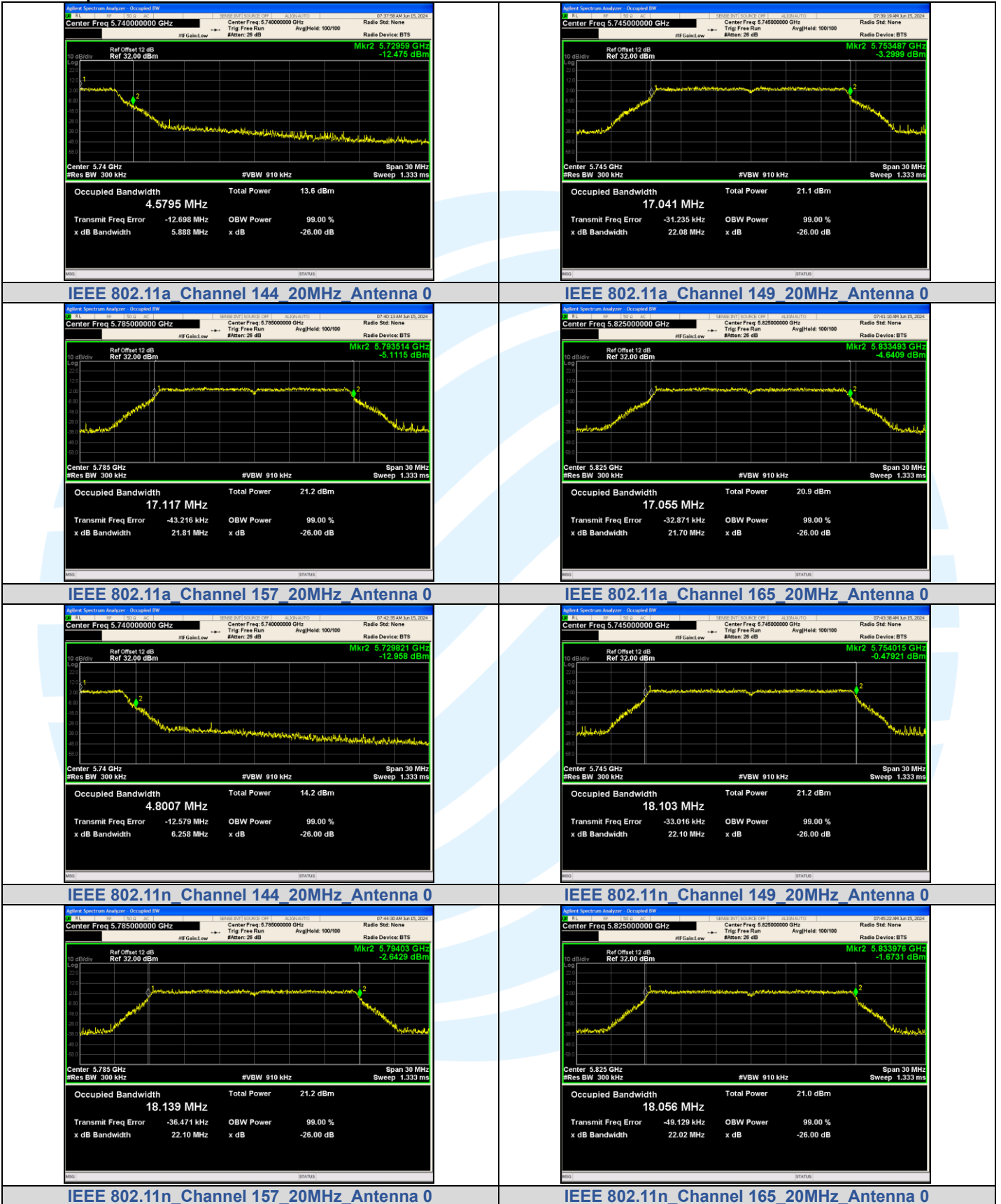
Fax: +86-755-28230886

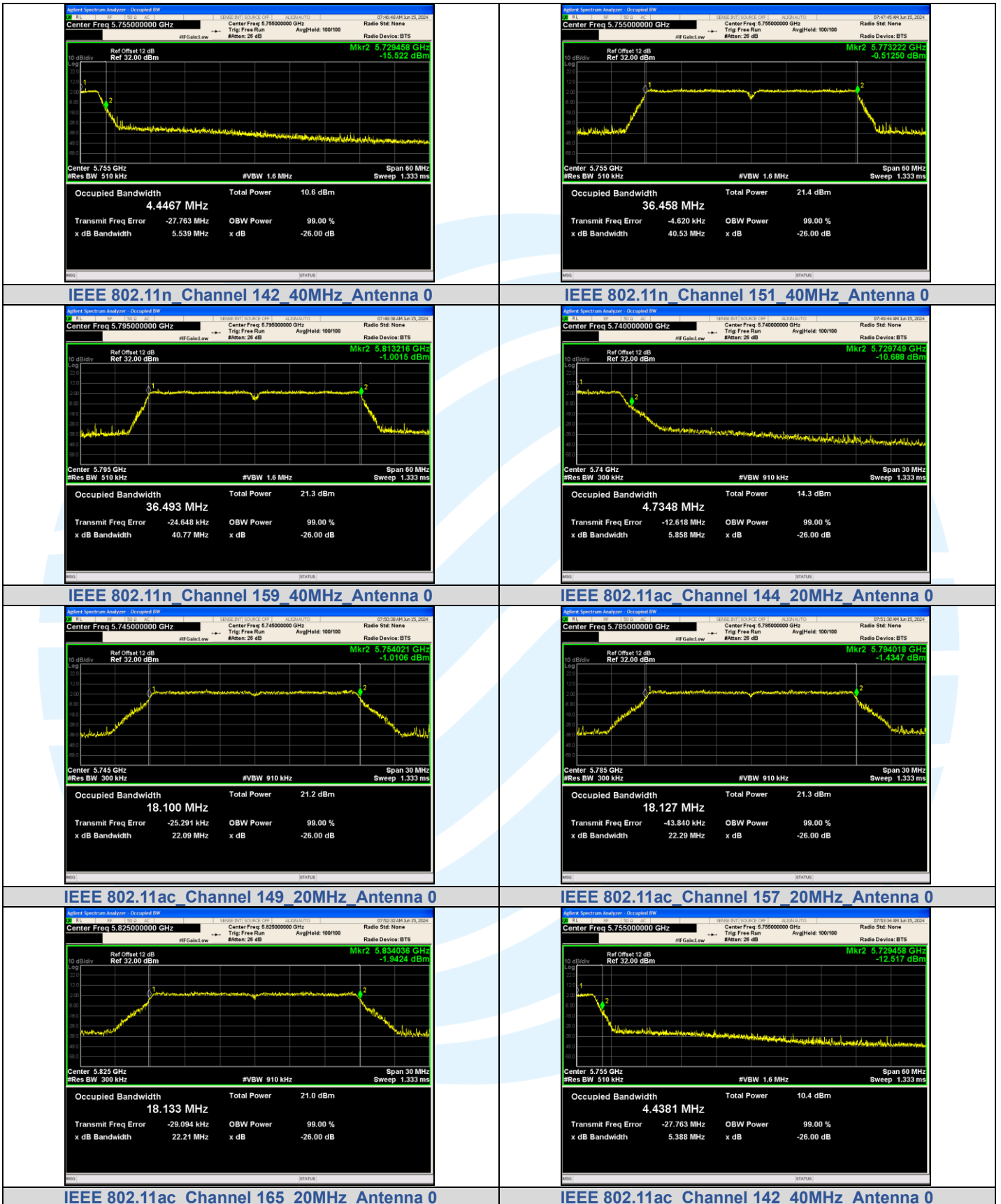
E-mail: info@uttlab.com

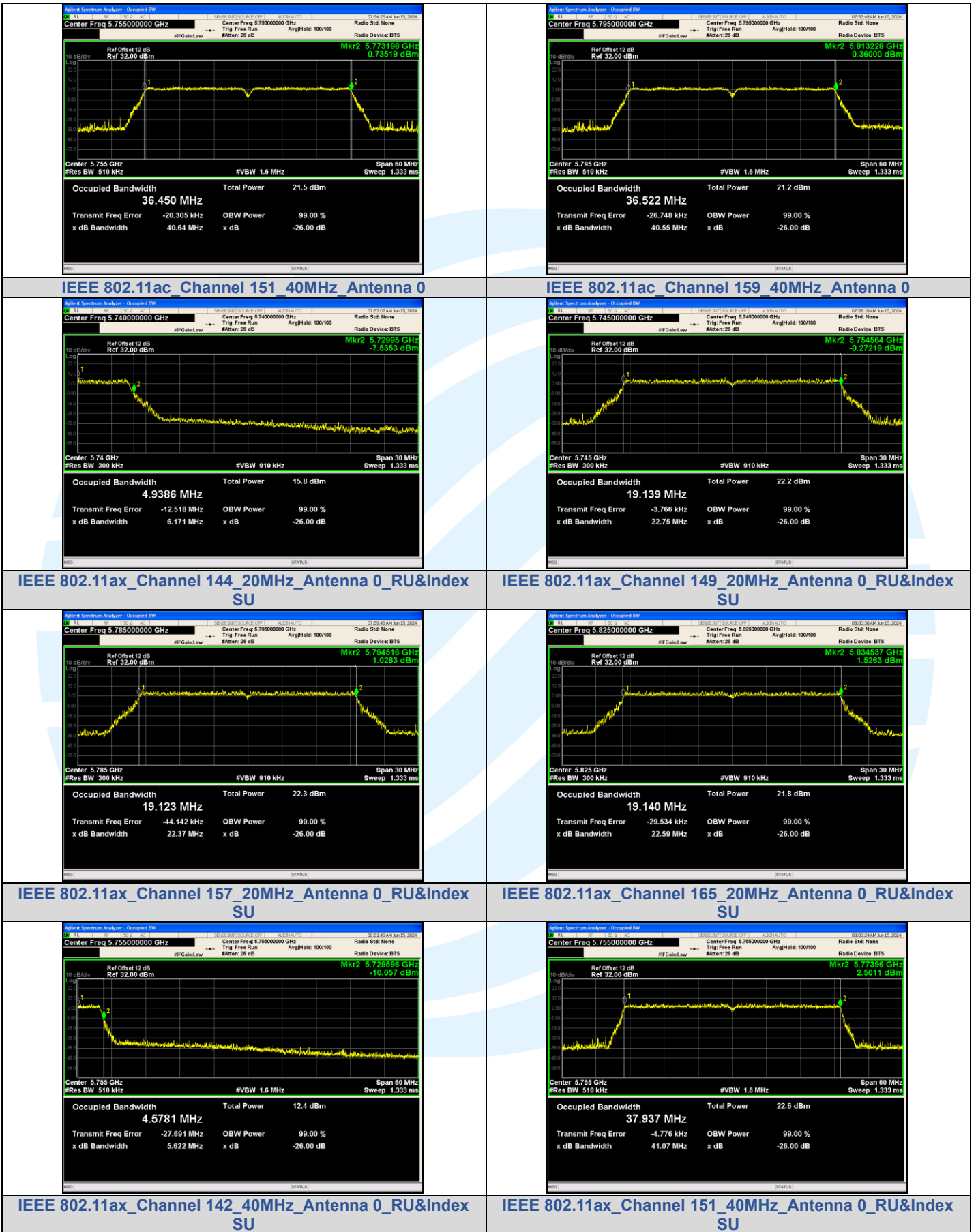
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Test Graphs







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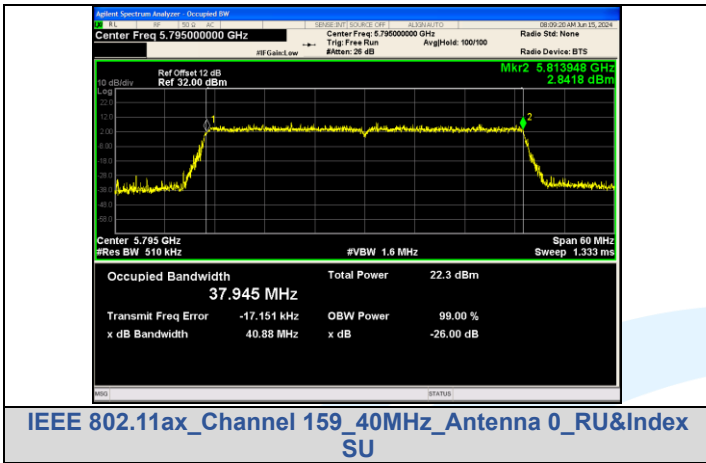
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IEEE 802.11ax_Channel 159_40MHz_Antenna 0_RU&Index SU

A.2 26DB BANDWIDTH

For U-NII-1, U-NII-2A, U-NII-2C band

| Mode | Channel | RU & Index | Ant. | Center Frequency (MHz) | 26 dB Bandwidth (MHz) | RBW/EBW |
|------------------|---------|------------|------|------------------------|-----------------------|---------|
| IEEE 802.11a | 36 | | | 5180 | 21.78 | 1.1 |
| | 44 | | | 5220 | 21.37 | 1.11 |
| | 48 | | | 5240 | 21.78 | 1.1 |
| | 52 | | | 5260 | 21.82 | 1.1 |
| | 60 | | | 5300 | 21.80 | 1.1 |
| | 64 | | | 5320 | 21.59 | 1.11 |
| | 100 | | | 5500 | 21.73 | 1.11 |
| | 116 | | | 5580 | 21.73 | 1.1 |
| | 120 | | | 5600 | 21.39 | 1.11 |
| | 140 | | | 5700 | 21.63 | 1.11 |
| | 144 | | | 5720 | 15.81 | 1.14 |
| IEEE 802.11n_20 | 36 | | | 5180 | 22.19 | 1.09 |
| | 44 | | | 5220 | 21.87 | 1.1 |
| | 48 | | | 5240 | 21.87 | 1.09 |
| | 52 | | | 5260 | 21.98 | 1.1 |
| | 60 | | | 5300 | 21.87 | 1.11 |
| | 64 | | | 5320 | 22.31 | 1.09 |
| | 100 | | | 5500 | 22.09 | 1.09 |
| | 116 | | | 5580 | 22.09 | 1.1 |
| | 120 | | | 5600 | 21.94 | 1.1 |
| | 140 | | | 5700 | 21.60 | 1.12 |
| | 144 | | | 5720 | 15.95 | 1.14 |
| IEEE 802.11n_40 | 38 | N/A | 0 | 5190 | 40.62 | 1.06 |
| | 46 | | | 5230 | 40.27 | 1.07 |
| | 54 | | | 5270 | 40.65 | 1.05 |
| | 62 | | | 5310 | 40.47 | 1.06 |
| | 102 | | | 5510 | 40.66 | 1.04 |
| | 110 | | | 5550 | 40.55 | 1.06 |
| | 118 | | | 5590 | 40.69 | 1.05 |
| | 134 | | | 5670 | 41.10 | 1.04 |
| | 142 | | | 5710 | 35.33 | 1.06 |
| | 36 | | | 5180 | 22.09 | 1.09 |
| IEEE 802.11ac_20 | 44 | | | 5220 | 22.05 | 1.09 |
| | 48 | | | 5240 | 22.04 | 1.1 |
| | 52 | | | 5260 | 22.22 | 1.08 |
| | 60 | | | 5300 | 22.29 | 1.09 |
| | 64 | | | 5320 | 21.81 | 1.11 |
| | 100 | | | 5500 | 21.68 | 1.11 |
| | 116 | | | 5580 | 21.94 | 1.09 |
| | 120 | | | 5600 | 22.04 | 1.11 |
| | 140 | | | 5700 | 22.41 | 1.08 |
| | 144 | | | 5720 | 15.96 | 1.13 |
| IEEE 802.11ac_40 | 38 | | | 5190 | 40.72 | 1.05 |
| | 46 | | | 5230 | 40.45 | 1.05 |
| | 54 | | | 5270 | 40.61 | 1.05 |
| | 62 | | | 5310 | 40.70 | 1.05 |
| | 102 | | | 5510 | 40.50 | 1.06 |
| | 110 | | | 5550 | 40.65 | 1.05 |
| | 118 | | | 5590 | 40.56 | 1.06 |
| | 134 | | | 5670 | 40.52 | 1.05 |
| | 142 | | | 5710 | 35.42 | 1.06 |
| | 36 | | | 5180 | 21.91 | 1.1 |
| IEEE 802.11ax_20 | 44 | SU | | 5220 | 22.40 | 1.09 |
| | 48 | | | 5240 | 22.42 | 1.1 |
| | 52 | | | 5260 | 22.23 | 1.1 |
| | 60 | | | 5300 | 22.16 | 1.1 |
| | 64 | | | 5320 | 22.16 | 1.1 |

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| | | | | |
|---------------------|-----|------|-------|------|
| IEEE 802.11ax_40 | 100 | 5500 | 22.40 | 1.09 |
| | 116 | 5580 | 22.03 | 1.11 |
| | 120 | 5600 | 22.36 | 1.09 |
| | 140 | 5700 | 22.12 | 1.1 |
| | 144 | 5720 | 15.97 | 1.14 |
| | 38 | 5190 | 40.79 | 1.05 |
| | 46 | 5230 | 40.83 | 1.05 |
| | 54 | 5270 | 41.01 | 1.06 |
| | 62 | 5310 | 40.90 | 1.05 |
| | 102 | 5510 | 40.95 | 1.05 |
| | 110 | 5550 | 41.29 | 1.04 |
| | 118 | 5590 | 40.79 | 1.06 |
| | 134 | 5670 | 40.69 | 1.06 |
| | 142 | 5710 | 35.47 | 1.06 |

Test Graphs

| | |
|--|--|
| <p>Center Freq 5.180000000 GHz</p> <p>Center Freq 5.180000000 GHz</p> <p>Center Freq 5.18 GHz</p> <p>Occupied Bandwidth: 16.959 MHz</p> <p>Total Power: 20.8 dBm</p> | <p>Center Freq 5.220000000 GHz</p> <p>Center Freq 5.220000000 GHz</p> <p>Center Freq 5.22 GHz</p> <p>Occupied Bandwidth: 16.893 MHz</p> <p>Total Power: 20.4 dBm</p> |
| <p>IEEE 802.11a Channel 36 20MHz Antenna 0</p> | <p>IEEE 802.11a Channel 44 20MHz Antenna 0</p> |
| <p>Center Freq 5.240000000 GHz</p> <p>Center Freq 5.240000000 GHz</p> <p>Center Freq 5.24 GHz</p> <p>Occupied Bandwidth: 16.979 MHz</p> <p>Total Power: 20.6 dBm</p> | <p>Center Freq 5.260000000 GHz</p> <p>Center Freq 5.260000000 GHz</p> <p>Center Freq 5.26 GHz</p> <p>Occupied Bandwidth: 16.895 MHz</p> <p>Total Power: 21.6 dBm</p> |
| <p>IEEE 802.11a Channel 48 20MHz Antenna 0</p> | <p>IEEE 802.11a Channel 52 20MHz Antenna 0</p> |
| <p>Center Freq 5.300000000 GHz</p> <p>Center Freq 5.300000000 GHz</p> <p>Center Freq 5.3 GHz</p> <p>Occupied Bandwidth: 16.921 MHz</p> <p>Total Power: 21.8 dBm</p> | <p>Center Freq 5.320000000 GHz</p> <p>Center Freq 5.320000000 GHz</p> <p>Center Freq 5.32 GHz</p> <p>Occupied Bandwidth: 16.897 MHz</p> <p>Total Power: 21.8 dBm</p> |
| <p>IEEE 802.11a Channel 60 20MHz Antenna 0</p> | <p>IEEE 802.11a Channel 64 20MHz Antenna 0</p> |

