

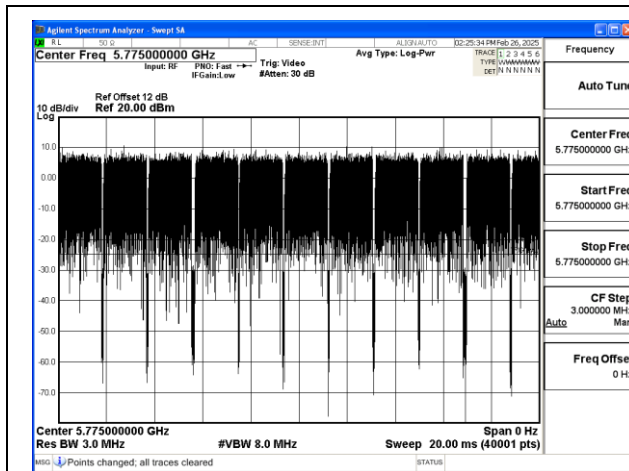


Fig.31

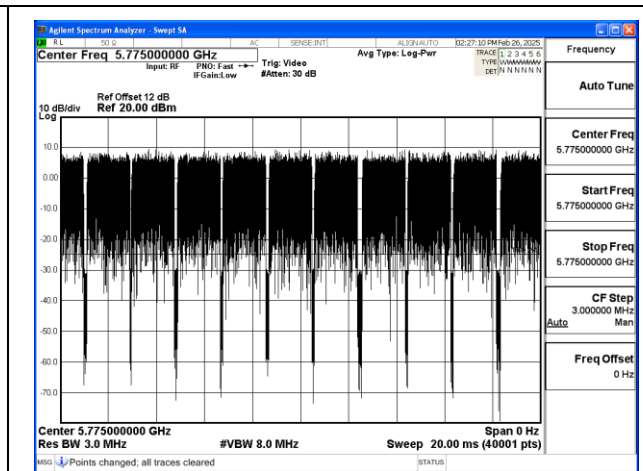


Fig.32

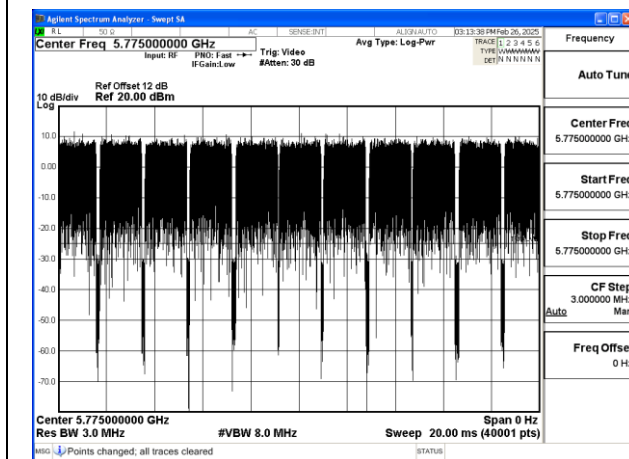


Fig.33

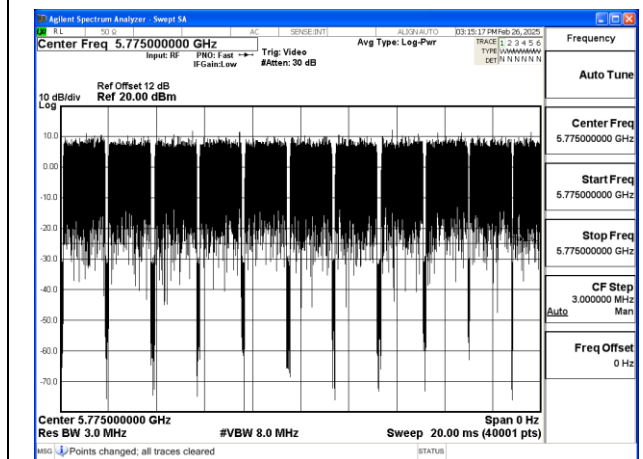


Fig.34

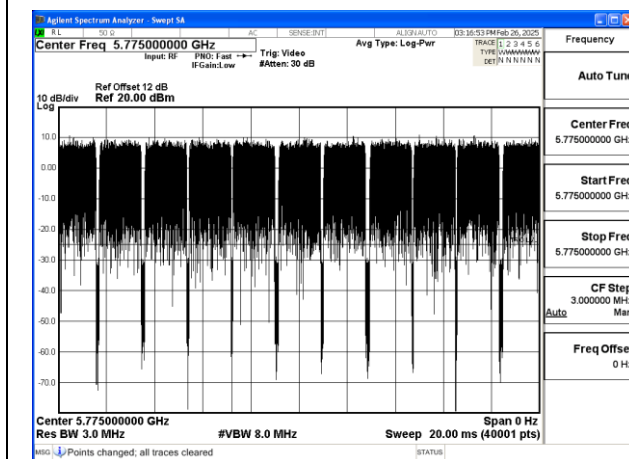


Fig.35

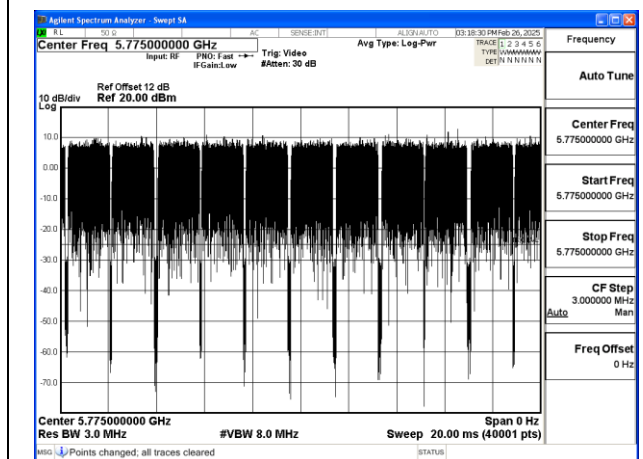


Fig.36



Test Report No.: PSU-NQN2502170213RF010

## MAXIMUM CONDUCTED OUTPUT POWER

### TEST RESULT

#### UNII-1

| Mode           | Tones/<br>RU Index | Frequency<br>(MHz) | Antenna | Conducted<br>average<br>power<br>output(dBm) | EIRP<br>(dBm) |
|----------------|--------------------|--------------------|---------|----------------------------------------------|---------------|
| 802.11a        | NA                 | 5180               | Chain0  | 9.52                                         | 15.48         |
| 802.11a        | NA                 | 5180               | Chain1  | 10.14                                        | 16.10         |
| 802.11a        | NA                 | 5220               | Chain0  | 9.38                                         | 15.34         |
| 802.11a        | NA                 | 5220               | Chain1  | 9.54                                         | 15.50         |
| 802.11a        | NA                 | 5240               | Chain0  | 8.62                                         | 14.58         |
| 802.11a        | NA                 | 5240               | Chain1  | 8.86                                         | 14.82         |
| 802.11n HT20   | NA                 | 5180               | Chain0  | 11.63                                        | 17.59         |
| 802.11n HT20   | NA                 | 5180               | Chain1  | 11.59                                        | 17.55         |
| 802.11n HT20   | NA                 | 5180               | MIMO    | 14.62                                        | 17.57         |
| 802.11n HT20   | NA                 | 5220               | Chain0  | 11.04                                        | 17.00         |
| 802.11n HT20   | NA                 | 5220               | Chain1  | 11.07                                        | 17.03         |
| 802.11n HT20   | NA                 | 5220               | MIMO    | 14.07                                        | 17.02         |
| 802.11n HT20   | NA                 | 5240               | Chain0  | 10.87                                        | 16.83         |
| 802.11n HT20   | NA                 | 5240               | Chain1  | 10.75                                        | 16.71         |
| 802.11n HT20   | NA                 | 5240               | MIMO    | 13.82                                        | 16.77         |
| 802.11ac VHT20 | NA                 | 5180               | Chain0  | 11.91                                        | 17.87         |
| 802.11ac VHT20 | NA                 | 5180               | Chain1  | 11.80                                        | 17.76         |
| 802.11ac VHT20 | NA                 | 5180               | MIMO    | 14.87                                        | 17.82         |
| 802.11ac VHT20 | NA                 | 5220               | Chain0  | 11.46                                        | 17.42         |
| 802.11ac VHT20 | NA                 | 5220               | Chain1  | 11.51                                        | 17.47         |
| 802.11ac VHT20 | NA                 | 5220               | MIMO    | 14.50                                        | 17.45         |
| 802.11ac VHT20 | NA                 | 5240               | Chain0  | 10.92                                        | 16.88         |
| 802.11ac VHT20 | NA                 | 5240               | Chain1  | 10.94                                        | 16.90         |
| 802.11ac VHT20 | NA                 | 5240               | MIMO    | 13.94                                        | 16.89         |
| 802.11n HT40   | NA                 | 5190               | Chain0  | 11.03                                        | 16.99         |
| 802.11n HT40   | NA                 | 5190               | Chain1  | 11.21                                        | 17.17         |
| 802.11n HT40   | NA                 | 5190               | MIMO    | 14.13                                        | 17.08         |
| 802.11n HT40   | NA                 | 5230               | Chain0  | 10.98                                        | 16.94         |



|                |    |      |        |       |       |
|----------------|----|------|--------|-------|-------|
| 802.11n HT40   | NA | 5230 | Chain1 | 10.92 | 16.88 |
| 802.11n HT40   | NA | 5230 | MIMO   | 13.96 | 16.91 |
| 802.11ac VHT40 | NA | 5190 | Chain0 | 11.83 | 17.79 |
| 802.11ac VHT40 | NA | 5190 | Chain1 | 11.73 | 17.69 |
| 802.11ac VHT40 | NA | 5190 | MIMO   | 14.79 | 17.74 |
| 802.11ac VHT40 | NA | 5230 | Chain0 | 11.19 | 17.15 |
| 802.11ac VHT40 | NA | 5230 | Chain1 | 11.27 | 17.23 |
| 802.11ac VHT40 | NA | 5230 | MIMO   | 14.24 | 17.19 |
| 802.11ac VHT80 | NA | 5210 | Chain0 | 11.58 | 17.54 |
| 802.11ac VHT80 | NA | 5210 | Chain1 | 11.85 | 17.81 |
| 802.11ac VHT80 | NA | 5210 | MIMO   | 14.73 | 17.68 |

| Mode          | Tones/<br>RU Index | Frequency<br>(MHz) | Antenna | Conducted<br>average<br>power<br>output(dBm) | EIRP<br>(dBm) |
|---------------|--------------------|--------------------|---------|----------------------------------------------|---------------|
| 802.11ax HE20 | 52T 37             | 5180               | Chain0  | 11.01                                        | 16.97         |
| 802.11ax HE20 | 52T 37             | 5180               | Chain1  | 10.90                                        | 16.86         |
| 802.11ax HE20 | 52T 37             | 5180               | MIMO    | 13.97                                        | 16.92         |
| 802.11ax HE20 | 52T 37             | 5220               | Chain0  | 11.17                                        | 17.13         |
| 802.11ax HE20 | 52T 37             | 5220               | Chain1  | 11.41                                        | 17.37         |
| 802.11ax HE20 | 52T 37             | 5220               | MIMO    | 14.30                                        | 17.25         |
| 802.11ax HE20 | 52T 37             | 5240               | Chain0  | 11.41                                        | 17.37         |
| 802.11ax HE20 | 52T 37             | 5240               | Chain1  | 11.43                                        | 17.39         |
| 802.11ax HE20 | 52T 37             | 5240               | MIMO    | 14.43                                        | 17.38         |
| 802.11ax HE20 | 52T 39             | 5180               | Chain0  | 11.04                                        | 17.00         |
| 802.11ax HE20 | 52T 39             | 5180               | Chain1  | 10.67                                        | 16.63         |
| 802.11ax HE20 | 52T 39             | 5180               | MIMO    | 13.87                                        | 16.82         |
| 802.11ax HE20 | 52T 39             | 5220               | Chain0  | 11.24                                        | 17.20         |
| 802.11ax HE20 | 52T 39             | 5220               | Chain1  | 11.39                                        | 17.35         |
| 802.11ax HE20 | 52T 39             | 5220               | MIMO    | 14.33                                        | 17.28         |
| 802.11ax HE20 | 52T 39             | 5240               | Chain0  | 11.46                                        | 17.42         |
| 802.11ax HE20 | 52T 39             | 5240               | Chain1  | 11.34                                        | 17.30         |
| 802.11ax HE20 | 52T 39             | 5240               | MIMO    | 14.41                                        | 17.36         |
| 802.11ax HE20 | 52T 40             | 5180               | Chain0  | 10.78                                        | 16.74         |
| 802.11ax HE20 | 52T 40             | 5180               | Chain1  | 10.78                                        | 16.74         |



**Test Report No.: PSU-NQN2502170213RF010**

|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE20 | 52T 40  | 5180 | MIMO   | 13.79 | 16.74 |
| 802.11ax HE20 | 52T 40  | 5220 | Chain0 | 11.22 | 17.18 |
| 802.11ax HE20 | 52T 40  | 5220 | Chain1 | 11.33 | 17.29 |
| 802.11ax HE20 | 52T 40  | 5220 | MIMO   | 14.29 | 17.24 |
| 802.11ax HE20 | 52T 40  | 5240 | Chain0 | 11.47 | 17.43 |
| 802.11ax HE20 | 52T 40  | 5240 | Chain1 | 11.27 | 17.23 |
| 802.11ax HE20 | 52T 40  | 5240 | MIMO   | 14.38 | 17.33 |
| 802.11ax HE20 | 106T 53 | 5180 | Chain0 | 11.10 | 17.06 |
| 802.11ax HE20 | 106T 53 | 5180 | Chain1 | 10.98 | 16.94 |
| 802.11ax HE20 | 106T 53 | 5180 | MIMO   | 14.05 | 17.00 |
| 802.11ax HE20 | 106T 53 | 5220 | Chain0 | 11.08 | 17.04 |
| 802.11ax HE20 | 106T 53 | 5220 | Chain1 | 11.50 | 17.46 |
| 802.11ax HE20 | 106T 53 | 5220 | MIMO   | 14.31 | 17.26 |
| 802.11ax HE20 | 106T 53 | 5240 | Chain0 | 11.65 | 17.61 |
| 802.11ax HE20 | 106T 53 | 5240 | Chain1 | 11.36 | 17.32 |
| 802.11ax HE20 | 106T 53 | 5240 | MIMO   | 14.52 | 17.47 |
| 802.11ax HE20 | 106T 54 | 5180 | Chain0 | 11.00 | 16.96 |
| 802.11ax HE20 | 106T 54 | 5180 | Chain1 | 11.06 | 17.02 |
| 802.11ax HE20 | 106T 54 | 5180 | MIMO   | 14.04 | 16.99 |
| 802.11ax HE20 | 106T 54 | 5220 | Chain0 | 11.41 | 17.37 |
| 802.11ax HE20 | 106T 54 | 5220 | Chain1 | 11.42 | 17.38 |
| 802.11ax HE20 | 106T 54 | 5220 | MIMO   | 14.43 | 17.38 |
| 802.11ax HE20 | 106T 54 | 5240 | Chain0 | 11.57 | 17.53 |
| 802.11ax HE20 | 106T 54 | 5240 | Chain1 | 11.46 | 17.42 |
| 802.11ax HE20 | 106T 54 | 5240 | MIMO   | 14.53 | 17.48 |
| 802.11ax HE20 | 242T 61 | 5180 | Chain0 | 11.83 | 17.79 |
| 802.11ax HE20 | 242T 61 | 5180 | Chain1 | 11.65 | 17.61 |
| 802.11ax HE20 | 242T 61 | 5180 | MIMO   | 14.75 | 17.70 |
| 802.11ax HE20 | 242T 61 | 5220 | Chain0 | 11.45 | 17.41 |
| 802.11ax HE20 | 242T 61 | 5220 | Chain1 | 11.43 | 17.39 |
| 802.11ax HE20 | 242T 61 | 5220 | MIMO   | 14.45 | 17.40 |
| 802.11ax HE20 | 242T 61 | 5240 | Chain0 | 11.04 | 17.00 |
| 802.11ax HE20 | 242T 61 | 5240 | Chain1 | 11.02 | 16.98 |
| 802.11ax HE20 | 242T 61 | 5240 | MIMO   | 14.04 | 16.99 |
| 802.11ax HE40 | 52T 37  | 5190 | Chain0 | 6.54  | 12.50 |
| 802.11ax HE40 | 52T 37  | 5190 | Chain1 | 6.54  | 12.50 |

**Test Report No.: PSU-NQN2502170213RF010**

|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE40 | 52T 37  | 5190 | MIMO   | 9.55  | 12.50 |
| 802.11ax HE40 | 52T 37  | 5230 | Chain0 | 6.96  | 12.92 |
| 802.11ax HE40 | 52T 37  | 5230 | Chain1 | 6.99  | 12.95 |
| 802.11ax HE40 | 52T 37  | 5230 | MIMO   | 9.99  | 12.94 |
| 802.11ax HE40 | 52T 41  | 5190 | Chain0 | 6.38  | 12.34 |
| 802.11ax HE40 | 52T 41  | 5190 | Chain1 | 6.41  | 12.37 |
| 802.11ax HE40 | 52T 41  | 5190 | MIMO   | 9.41  | 12.36 |
| 802.11ax HE40 | 52T 41  | 5230 | Chain0 | 6.79  | 12.75 |
| 802.11ax HE40 | 52T 41  | 5230 | Chain1 | 6.90  | 12.86 |
| 802.11ax HE40 | 52T 41  | 5230 | MIMO   | 9.86  | 12.81 |
| 802.11ax HE40 | 52T 44  | 5190 | Chain0 | 6.42  | 12.38 |
| 802.11ax HE40 | 52T 44  | 5190 | Chain1 | 6.42  | 12.38 |
| 802.11ax HE40 | 52T 44  | 5190 | MIMO   | 9.43  | 12.38 |
| 802.11ax HE40 | 52T 44  | 5230 | Chain0 | 6.89  | 12.85 |
| 802.11ax HE40 | 52T 44  | 5230 | Chain1 | 6.95  | 12.91 |
| 802.11ax HE40 | 52T 44  | 5230 | MIMO   | 9.93  | 12.88 |
| 802.11ax HE40 | 106T 53 | 5190 | Chain0 | 6.91  | 12.87 |
| 802.11ax HE40 | 106T 53 | 5190 | Chain1 | 6.87  | 12.83 |
| 802.11ax HE40 | 106T 53 | 5190 | MIMO   | 9.90  | 12.85 |
| 802.11ax HE40 | 106T 53 | 5230 | Chain0 | 7.27  | 13.23 |
| 802.11ax HE40 | 106T 53 | 5230 | Chain1 | 7.97  | 13.93 |
| 802.11ax HE40 | 106T 53 | 5230 | MIMO   | 10.64 | 13.59 |
| 802.11ax HE40 | 106T 55 | 5190 | Chain0 | 6.92  | 12.88 |
| 802.11ax HE40 | 106T 55 | 5190 | Chain1 | 6.97  | 12.93 |
| 802.11ax HE40 | 106T 55 | 5190 | MIMO   | 9.96  | 12.91 |
| 802.11ax HE40 | 106T 55 | 5230 | Chain0 | 7.36  | 13.32 |
| 802.11ax HE40 | 106T 55 | 5230 | Chain1 | 7.98  | 13.94 |
| 802.11ax HE40 | 106T 55 | 5230 | MIMO   | 10.69 | 13.64 |
| 802.11ax HE40 | 106T 56 | 5190 | Chain0 | 6.87  | 12.83 |
| 802.11ax HE40 | 106T 56 | 5190 | Chain1 | 6.98  | 12.94 |
| 802.11ax HE40 | 106T 56 | 5190 | MIMO   | 9.94  | 12.89 |
| 802.11ax HE40 | 106T 56 | 5230 | Chain0 | 8.07  | 14.03 |
| 802.11ax HE40 | 106T 56 | 5230 | Chain1 | 7.95  | 13.91 |
| 802.11ax HE40 | 106T 56 | 5230 | MIMO   | 11.02 | 13.97 |
| 802.11ax HE40 | 242T 61 | 5190 | Chain0 | 8.15  | 14.11 |
| 802.11ax HE40 | 242T 61 | 5190 | Chain1 | 8.05  | 14.01 |



|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE40 | 242T 61 | 5190 | MIMO   | 11.11 | 14.06 |
| 802.11ax HE40 | 242T 61 | 5230 | Chain0 | 8.48  | 14.44 |
| 802.11ax HE40 | 242T 61 | 5230 | Chain1 | 8.47  | 14.43 |
| 802.11ax HE40 | 242T 61 | 5230 | MIMO   | 11.49 | 14.44 |
| 802.11ax HE40 | 242T 62 | 5190 | Chain0 | 7.88  | 13.84 |
| 802.11ax HE40 | 242T 62 | 5190 | Chain1 | 7.99  | 13.95 |
| 802.11ax HE40 | 242T 62 | 5190 | MIMO   | 10.95 | 13.90 |
| 802.11ax HE40 | 242T 62 | 5230 | Chain0 | 8.46  | 14.42 |
| 802.11ax HE40 | 242T 62 | 5230 | Chain1 | 8.54  | 14.50 |
| 802.11ax HE40 | 242T 62 | 5230 | MIMO   | 11.51 | 14.46 |
| 802.11ax HE40 | 484T 65 | 5190 | Chain0 | 13.78 | 19.74 |
| 802.11ax HE40 | 484T 65 | 5190 | Chain1 | 11.77 | 17.73 |
| 802.11ax HE40 | 484T 65 | 5190 | MIMO   | 15.90 | 18.85 |
| 802.11ax HE40 | 484T 65 | 5230 | Chain0 | 11.78 | 17.74 |
| 802.11ax HE40 | 484T 65 | 5230 | Chain1 | 11.62 | 17.58 |
| 802.11ax HE40 | 484T 65 | 5230 | MIMO   | 14.71 | 17.66 |
| 802.11ax HE80 | 52T 37  | 5210 | Chain0 | 5.80  | 11.76 |
| 802.11ax HE80 | 52T 37  | 5210 | Chain1 | 5.89  | 11.85 |
| 802.11ax HE80 | 52T 37  | 5210 | MIMO   | 8.86  | 11.81 |
| 802.11ax HE80 | 52T 45  | 5210 | Chain0 | 5.92  | 11.88 |
| 802.11ax HE80 | 52T 45  | 5210 | Chain1 | 6.11  | 12.07 |
| 802.11ax HE80 | 52T 45  | 5210 | MIMO   | 9.03  | 11.98 |
| 802.11ax HE80 | 52T 52  | 5210 | Chain0 | 5.93  | 11.89 |
| 802.11ax HE80 | 52T 52  | 5210 | Chain1 | 5.94  | 11.90 |
| 802.11ax HE80 | 52T 52  | 5210 | MIMO   | 8.95  | 11.90 |
| 802.11ax HE80 | 106T 53 | 5210 | Chain0 | 6.80  | 12.76 |
| 802.11ax HE80 | 106T 53 | 5210 | Chain1 | 6.43  | 12.39 |
| 802.11ax HE80 | 106T 53 | 5210 | MIMO   | 9.63  | 12.58 |
| 802.11ax HE80 | 106T 57 | 5210 | Chain0 | 6.84  | 12.80 |
| 802.11ax HE80 | 106T 57 | 5210 | Chain1 | 6.46  | 12.42 |
| 802.11ax HE80 | 106T 57 | 5210 | MIMO   | 9.66  | 12.61 |
| 802.11ax HE80 | 106T 60 | 5210 | Chain0 | 6.57  | 12.53 |
| 802.11ax HE80 | 106T 60 | 5210 | Chain1 | 6.27  | 12.23 |
| 802.11ax HE80 | 106T 60 | 5210 | MIMO   | 9.43  | 12.38 |
| 802.11ax HE80 | 242T 61 | 5210 | Chain0 | 6.74  | 12.70 |
| 802.11ax HE80 | 242T 61 | 5210 | Chain1 | 7.15  | 13.11 |



|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE80 | 242T 61 | 5210 | MIMO   | 9.96  | 12.91 |
| 802.11ax HE80 | 242T 63 | 5210 | Chain0 | 6.64  | 12.60 |
| 802.11ax HE80 | 242T 63 | 5210 | Chain1 | 6.90  | 12.86 |
| 802.11ax HE80 | 242T 63 | 5210 | MIMO   | 9.78  | 12.73 |
| 802.11ax HE80 | 242T 64 | 5210 | Chain0 | 7.16  | 13.12 |
| 802.11ax HE80 | 242T 64 | 5210 | Chain1 | 6.70  | 12.66 |
| 802.11ax HE80 | 242T 64 | 5210 | MIMO   | 9.95  | 12.90 |
| 802.11ax HE80 | 484T 65 | 5210 | Chain0 | 6.68  | 12.64 |
| 802.11ax HE80 | 484T 65 | 5210 | Chain1 | 6.50  | 12.46 |
| 802.11ax HE80 | 484T 65 | 5210 | MIMO   | 9.60  | 12.55 |
| 802.11ax HE80 | 484T 66 | 5210 | Chain0 | 6.08  | 12.04 |
| 802.11ax HE80 | 484T 66 | 5210 | Chain1 | 5.98  | 11.94 |
| 802.11ax HE80 | 484T 66 | 5210 | MIMO   | 9.04  | 11.99 |
| 802.11ax HE80 | 996T 67 | 5210 | Chain0 | 11.69 | 17.65 |
| 802.11ax HE80 | 996T 67 | 5210 | Chain1 | 11.70 | 17.66 |
| 802.11ax HE80 | 996T 67 | 5210 | MIMO   | 14.71 | 17.66 |

**UNII-3**

| Mode         | Tones/<br>RU Index | Frequency<br>(MHz) | Antenna | Conducted<br>average<br>power<br>output(dBm) | EIRP<br>(dBm) |
|--------------|--------------------|--------------------|---------|----------------------------------------------|---------------|
| 802.11a      | NA                 | 5745               | Chain0  | 13.02                                        | 18.98         |
| 802.11a      | NA                 | 5745               | Chain1  | 13.12                                        | 19.08         |
| 802.11a      | NA                 | 5785               | Chain0  | 13.46                                        | 19.42         |
| 802.11a      | NA                 | 5785               | Chain1  | 13.33                                        | 19.29         |
| 802.11a      | NA                 | 5825               | Chain0  | 13.18                                        | 19.14         |
| 802.11a      | NA                 | 5825               | Chain1  | 13.19                                        | 19.15         |
| 802.11n HT20 | NA                 | 5745               | Chain0  | 13.12                                        | 19.08         |
| 802.11n HT20 | NA                 | 5745               | Chain1  | 13.13                                        | 19.09         |
| 802.11n HT20 | NA                 | 5745               | MIMO    | 16.14                                        | 19.09         |
| 802.11n HT20 | NA                 | 5785               | Chain0  | 13.48                                        | 19.44         |
| 802.11n HT20 | NA                 | 5785               | Chain1  | 13.50                                        | 19.46         |
| 802.11n HT20 | NA                 | 5785               | MIMO    | 16.50                                        | 19.45         |
| 802.11n HT20 | NA                 | 5825               | Chain0  | 13.42                                        | 19.38         |



|                |    |      |        |       |       |
|----------------|----|------|--------|-------|-------|
| 802.11n HT20   | NA | 5825 | Chain1 | 13.35 | 19.31 |
| 802.11n HT20   | NA | 5825 | MIMO   | 16.40 | 19.35 |
| 802.11ac VHT20 | NA | 5745 | Chain0 | 13.08 | 19.04 |
| 802.11ac VHT20 | NA | 5745 | Chain1 | 13.15 | 19.11 |
| 802.11ac VHT20 | NA | 5745 | MIMO   | 16.13 | 19.08 |
| 802.11ac VHT20 | NA | 5785 | Chain0 | 13.37 | 19.33 |
| 802.11ac VHT20 | NA | 5785 | Chain1 | 13.37 | 19.33 |
| 802.11ac VHT20 | NA | 5785 | MIMO   | 16.38 | 19.33 |
| 802.11ac VHT20 | NA | 5825 | Chain0 | 13.32 | 19.28 |
| 802.11ac VHT20 | NA | 5825 | Chain1 | 13.34 | 19.30 |
| 802.11ac VHT20 | NA | 5825 | MIMO   | 16.34 | 19.29 |
| 802.11n HT40   | NA | 5755 | Chain0 | 13.62 | 19.58 |
| 802.11n HT40   | NA | 5755 | Chain1 | 13.73 | 19.69 |
| 802.11n HT40   | NA | 5755 | MIMO   | 16.69 | 19.64 |
| 802.11n HT40   | NA | 5795 | Chain0 | 13.95 | 19.91 |
| 802.11n HT40   | NA | 5795 | Chain1 | 13.88 | 19.84 |
| 802.11n HT40   | NA | 5795 | MIMO   | 16.93 | 19.88 |
| 802.11ac VHT40 | NA | 5755 | Chain0 | 13.43 | 19.39 |
| 802.11ac VHT40 | NA | 5755 | Chain1 | 13.48 | 19.44 |
| 802.11ac VHT40 | NA | 5755 | MIMO   | 16.47 | 19.42 |
| 802.11ac VHT40 | NA | 5795 | Chain0 | 13.71 | 19.67 |
| 802.11ac VHT40 | NA | 5795 | Chain1 | 13.79 | 19.75 |
| 802.11ac VHT40 | NA | 5795 | MIMO   | 16.76 | 19.71 |
| 802.11ac VHT80 | NA | 5775 | Chain0 | 13.00 | 18.96 |
| 802.11ac VHT80 | NA | 5775 | Chain1 | 13.02 | 18.98 |
| 802.11ac VHT80 | NA | 5775 | MIMO   | 16.02 | 18.97 |

| Mode          | Tones/<br>RU Index | Frequency<br>(MHz) | Antenna | Conducted<br>average<br>power<br>output(dBm) | EIRP<br>(dBm) |
|---------------|--------------------|--------------------|---------|----------------------------------------------|---------------|
| 802.11ax HE20 | 52T 37             | 5745               | Chain0  | 10.20                                        | 16.16         |
| 802.11ax HE20 | 52T 37             | 5745               | Chain1  | 10.21                                        | 16.17         |
| 802.11ax HE20 | 52T 37             | 5745               | MIMO    | 13.22                                        | 16.17         |
| 802.11ax HE20 | 52T 37             | 5785               | Chain0  | 10.42                                        | 16.38         |
| 802.11ax HE20 | 52T 37             | 5785               | Chain1  | 10.31                                        | 16.27         |



|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE20 | 52T 37  | 5785 | MIMO   | 13.38 | 16.33 |
| 802.11ax HE20 | 52T 37  | 5825 | Chain0 | 10.33 | 16.29 |
| 802.11ax HE20 | 52T 37  | 5825 | Chain1 | 10.09 | 16.05 |
| 802.11ax HE20 | 52T 37  | 5825 | MIMO   | 13.22 | 16.17 |
| 802.11ax HE20 | 52T 39  | 5745 | Chain0 | 10.25 | 16.21 |
| 802.11ax HE20 | 52T 39  | 5745 | Chain1 | 10.24 | 16.20 |
| 802.11ax HE20 | 52T 39  | 5745 | MIMO   | 13.26 | 16.21 |
| 802.11ax HE20 | 52T 39  | 5785 | Chain0 | 10.31 | 16.27 |
| 802.11ax HE20 | 52T 39  | 5785 | Chain1 | 10.32 | 16.28 |
| 802.11ax HE20 | 52T 39  | 5785 | MIMO   | 13.33 | 16.28 |
| 802.11ax HE20 | 52T 39  | 5825 | Chain0 | 10.34 | 16.30 |
| 802.11ax HE20 | 52T 39  | 5825 | Chain1 | 10.41 | 16.37 |
| 802.11ax HE20 | 52T 39  | 5825 | MIMO   | 13.39 | 16.34 |
| 802.11ax HE20 | 52T 40  | 5745 | Chain0 | 10.22 | 16.18 |
| 802.11ax HE20 | 52T 40  | 5745 | Chain1 | 10.23 | 16.19 |
| 802.11ax HE20 | 52T 40  | 5745 | MIMO   | 13.24 | 16.19 |
| 802.11ax HE20 | 52T 40  | 5785 | Chain0 | 10.36 | 16.32 |
| 802.11ax HE20 | 52T 40  | 5785 | Chain1 | 10.26 | 16.22 |
| 802.11ax HE20 | 52T 40  | 5785 | MIMO   | 13.32 | 16.27 |
| 802.11ax HE20 | 52T 40  | 5825 | Chain0 | 10.20 | 16.16 |
| 802.11ax HE20 | 52T 40  | 5825 | Chain1 | 10.31 | 16.27 |
| 802.11ax HE20 | 52T 40  | 5825 | MIMO   | 13.27 | 16.22 |
| 802.11ax HE20 | 106T 53 | 5745 | Chain0 | 9.75  | 15.71 |
| 802.11ax HE20 | 106T 53 | 5745 | Chain1 | 9.89  | 15.85 |
| 802.11ax HE20 | 106T 53 | 5745 | MIMO   | 12.83 | 15.78 |
| 802.11ax HE20 | 106T 53 | 5785 | Chain0 | 9.79  | 15.75 |
| 802.11ax HE20 | 106T 53 | 5785 | Chain1 | 10.00 | 15.96 |
| 802.11ax HE20 | 106T 53 | 5785 | MIMO   | 12.91 | 15.86 |
| 802.11ax HE20 | 106T 53 | 5825 | Chain0 | 9.82  | 15.78 |
| 802.11ax HE20 | 106T 53 | 5825 | Chain1 | 9.95  | 15.91 |
| 802.11ax HE20 | 106T 53 | 5825 | MIMO   | 12.90 | 15.85 |
| 802.11ax HE20 | 106T 54 | 5745 | Chain0 | 9.72  | 15.68 |
| 802.11ax HE20 | 106T 54 | 5745 | Chain1 | 9.76  | 15.72 |
| 802.11ax HE20 | 106T 54 | 5745 | MIMO   | 12.75 | 15.70 |
| 802.11ax HE20 | 106T 54 | 5785 | Chain0 | 10.01 | 15.97 |
| 802.11ax HE20 | 106T 54 | 5785 | Chain1 | 10.01 | 15.97 |



|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE20 | 106T 54 | 5785 | MIMO   | 13.02 | 15.97 |
| 802.11ax HE20 | 106T 54 | 5825 | Chain0 | 9.89  | 15.85 |
| 802.11ax HE20 | 106T 54 | 5825 | Chain1 | 9.94  | 15.90 |
| 802.11ax HE20 | 106T 54 | 5825 | MIMO   | 12.93 | 15.88 |
| 802.11ax HE20 | 242T 61 | 5745 | Chain0 | 13.43 | 19.39 |
| 802.11ax HE20 | 242T 61 | 5745 | Chain1 | 13.43 | 19.39 |
| 802.11ax HE20 | 242T 61 | 5745 | MIMO   | 16.44 | 19.39 |
| 802.11ax HE20 | 242T 61 | 5785 | Chain0 | 13.82 | 19.78 |
| 802.11ax HE20 | 242T 61 | 5785 | Chain1 | 13.81 | 19.77 |
| 802.11ax HE20 | 242T 61 | 5785 | MIMO   | 16.83 | 19.78 |
| 802.11ax HE20 | 242T 61 | 5825 | Chain0 | 13.69 | 19.65 |
| 802.11ax HE20 | 242T 61 | 5825 | Chain1 | 13.70 | 19.66 |
| 802.11ax HE20 | 242T 61 | 5825 | MIMO   | 16.71 | 19.66 |
| 802.11ax HE40 | 52T 37  | 5755 | Chain0 | 6.40  | 12.36 |
| 802.11ax HE40 | 52T 37  | 5755 | Chain1 | 6.43  | 12.39 |
| 802.11ax HE40 | 52T 37  | 5755 | MIMO   | 9.43  | 12.38 |
| 802.11ax HE40 | 52T 37  | 5795 | Chain0 | 6.37  | 12.33 |
| 802.11ax HE40 | 52T 37  | 5795 | Chain1 | 6.33  | 12.29 |
| 802.11ax HE40 | 52T 37  | 5795 | MIMO   | 9.36  | 12.31 |
| 802.11ax HE40 | 52T 41  | 5755 | Chain0 | 6.58  | 12.54 |
| 802.11ax HE40 | 52T 41  | 5755 | Chain1 | 6.41  | 12.37 |
| 802.11ax HE40 | 52T 41  | 5755 | MIMO   | 9.51  | 12.46 |
| 802.11ax HE40 | 52T 41  | 5795 | Chain0 | 6.22  | 12.18 |
| 802.11ax HE40 | 52T 41  | 5795 | Chain1 | 6.31  | 12.27 |
| 802.11ax HE40 | 52T 41  | 5795 | MIMO   | 9.28  | 12.23 |
| 802.11ax HE40 | 52T 44  | 5755 | Chain0 | 6.41  | 12.37 |
| 802.11ax HE40 | 52T 44  | 5755 | Chain1 | 6.31  | 12.27 |
| 802.11ax HE40 | 52T 44  | 5755 | MIMO   | 9.37  | 12.32 |
| 802.11ax HE40 | 52T 44  | 5795 | Chain0 | 6.17  | 12.13 |
| 802.11ax HE40 | 52T 44  | 5795 | Chain1 | 6.15  | 12.11 |
| 802.11ax HE40 | 52T 44  | 5795 | MIMO   | 9.17  | 12.12 |
| 802.11ax HE40 | 106T 53 | 5755 | Chain0 | 6.82  | 12.78 |
| 802.11ax HE40 | 106T 53 | 5755 | Chain1 | 6.80  | 12.76 |
| 802.11ax HE40 | 106T 53 | 5755 | MIMO   | 9.82  | 12.77 |
| 802.11ax HE40 | 106T 53 | 5795 | Chain0 | 6.97  | 12.93 |
| 802.11ax HE40 | 106T 53 | 5795 | Chain1 | 6.89  | 12.85 |

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|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE40 | 106T 53 | 5795 | MIMO   | 9.94  | 12.89 |
| 802.11ax HE40 | 106T 55 | 5755 | Chain0 | 6.87  | 12.83 |
| 802.11ax HE40 | 106T 55 | 5755 | Chain1 | 6.88  | 12.84 |
| 802.11ax HE40 | 106T 55 | 5755 | MIMO   | 9.89  | 12.84 |
| 802.11ax HE40 | 106T 55 | 5795 | Chain0 | 6.91  | 12.87 |
| 802.11ax HE40 | 106T 55 | 5795 | Chain1 | 6.91  | 12.87 |
| 802.11ax HE40 | 106T 55 | 5795 | MIMO   | 9.92  | 12.87 |
| 802.11ax HE40 | 106T 56 | 5755 | Chain0 | 6.86  | 12.82 |
| 802.11ax HE40 | 106T 56 | 5755 | Chain1 | 6.87  | 12.83 |
| 802.11ax HE40 | 106T 56 | 5755 | MIMO   | 9.88  | 12.83 |
| 802.11ax HE40 | 106T 56 | 5795 | Chain0 | 6.99  | 12.95 |
| 802.11ax HE40 | 106T 56 | 5795 | Chain1 | 6.94  | 12.90 |
| 802.11ax HE40 | 106T 56 | 5795 | MIMO   | 9.98  | 12.93 |
| 802.11ax HE40 | 242T 61 | 5755 | Chain0 | 7.33  | 13.29 |
| 802.11ax HE40 | 242T 61 | 5755 | Chain1 | 7.30  | 13.26 |
| 802.11ax HE40 | 242T 61 | 5755 | MIMO   | 10.33 | 13.28 |
| 802.11ax HE40 | 242T 61 | 5795 | Chain0 | 7.61  | 13.57 |
| 802.11ax HE40 | 242T 61 | 5795 | Chain1 | 7.54  | 13.50 |
| 802.11ax HE40 | 242T 61 | 5795 | MIMO   | 10.59 | 13.54 |
| 802.11ax HE40 | 242T 62 | 5755 | Chain0 | 7.39  | 13.35 |
| 802.11ax HE40 | 242T 62 | 5755 | Chain1 | 7.47  | 13.43 |
| 802.11ax HE40 | 242T 62 | 5755 | MIMO   | 10.44 | 13.39 |
| 802.11ax HE40 | 242T 62 | 5795 | Chain0 | 7.67  | 13.63 |
| 802.11ax HE40 | 242T 62 | 5795 | Chain1 | 7.64  | 13.60 |
| 802.11ax HE40 | 242T 62 | 5795 | MIMO   | 10.67 | 13.62 |
| 802.11ax HE40 | 484T 65 | 5755 | Chain0 | 13.33 | 19.29 |
| 802.11ax HE40 | 484T 65 | 5755 | Chain1 | 13.26 | 19.22 |
| 802.11ax HE40 | 484T 65 | 5755 | MIMO   | 16.31 | 19.26 |
| 802.11ax HE40 | 484T 65 | 5795 | Chain0 | 13.58 | 19.54 |
| 802.11ax HE40 | 484T 65 | 5795 | Chain1 | 13.59 | 19.55 |
| 802.11ax HE40 | 484T 65 | 5795 | MIMO   | 16.60 | 19.55 |
| 802.11ax HE80 | 52T 37  | 5775 | Chain0 | 4.60  | 10.56 |
| 802.11ax HE80 | 52T 37  | 5775 | Chain1 | 4.84  | 10.80 |
| 802.11ax HE80 | 52T 37  | 5775 | MIMO   | 7.73  | 10.68 |
| 802.11ax HE80 | 52T 45  | 5775 | Chain0 | 4.86  | 10.82 |
| 802.11ax HE80 | 52T 45  | 5775 | Chain1 | 4.91  | 10.87 |



|               |         |      |        |       |       |
|---------------|---------|------|--------|-------|-------|
| 802.11ax HE80 | 52T 45  | 5775 | MIMO   | 7.90  | 10.85 |
| 802.11ax HE80 | 52T 52  | 5775 | Chain0 | 5.05  | 11.01 |
| 802.11ax HE80 | 52T 52  | 5775 | Chain1 | 5.08  | 11.04 |
| 802.11ax HE80 | 52T 52  | 5775 | MIMO   | 8.08  | 11.03 |
| 802.11ax HE80 | 106T 53 | 5775 | Chain0 | 5.15  | 11.11 |
| 802.11ax HE80 | 106T 53 | 5775 | Chain1 | 5.06  | 11.02 |
| 802.11ax HE80 | 106T 53 | 5775 | MIMO   | 8.12  | 11.07 |
| 802.11ax HE80 | 106T 57 | 5775 | Chain0 | 5.05  | 11.01 |
| 802.11ax HE80 | 106T 57 | 5775 | Chain1 | 5.08  | 11.04 |
| 802.11ax HE80 | 106T 57 | 5775 | MIMO   | 8.08  | 11.03 |
| 802.11ax HE80 | 106T 60 | 5775 | Chain0 | 5.17  | 11.13 |
| 802.11ax HE80 | 106T 60 | 5775 | Chain1 | 5.15  | 11.11 |
| 802.11ax HE80 | 106T 60 | 5775 | MIMO   | 8.17  | 11.12 |
| 802.11ax HE80 | 242T 61 | 5775 | Chain0 | 5.84  | 11.80 |
| 802.11ax HE80 | 242T 61 | 5775 | Chain1 | 5.46  | 11.42 |
| 802.11ax HE80 | 242T 61 | 5775 | MIMO   | 8.66  | 11.61 |
| 802.11ax HE80 | 242T 63 | 5775 | Chain0 | 5.61  | 11.57 |
| 802.11ax HE80 | 242T 63 | 5775 | Chain1 | 5.52  | 11.48 |
| 802.11ax HE80 | 242T 63 | 5775 | MIMO   | 8.58  | 11.53 |
| 802.11ax HE80 | 242T 64 | 5775 | Chain0 | 5.47  | 11.43 |
| 802.11ax HE80 | 242T 64 | 5775 | Chain1 | 5.51  | 11.47 |
| 802.11ax HE80 | 242T 64 | 5775 | MIMO   | 8.50  | 11.45 |
| 802.11ax HE80 | 484T 65 | 5775 | Chain0 | 5.62  | 11.58 |
| 802.11ax HE80 | 484T 65 | 5775 | Chain1 | 5.63  | 11.59 |
| 802.11ax HE80 | 484T 65 | 5775 | MIMO   | 8.64  | 11.59 |
| 802.11ax HE80 | 484T 66 | 5775 | Chain0 | 5.02  | 10.98 |
| 802.11ax HE80 | 484T 66 | 5775 | Chain1 | 5.07  | 11.03 |
| 802.11ax HE80 | 484T 66 | 5775 | MIMO   | 8.06  | 11.01 |
| 802.11ax HE80 | 996T 67 | 5775 | Chain0 | 13.26 | 19.22 |
| 802.11ax HE80 | 996T 67 | 5775 | Chain1 | 13.41 | 19.37 |
| 802.11ax HE80 | 996T 67 | 5775 | MIMO   | 16.35 | 19.30 |



## MAXIMUM POWER SPECTRAL DENSITY

## TEST RESULT

## UNII-1

| Test Mode       | Antenna | Tones | 5180MHz               |                         | 5220MHz               |                         | 5240MHz               |                         |
|-----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
|                 |         |       | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11a         | Chain0  | NA    | 0.31                  | -0.795                  | 0.31                  | -1.112                  | 0.31                  | -1.643                  |
| 802.11a         | Chain1  | NA    | 0.32                  | -0.901                  | 0.32                  | -0.905                  | 0.32                  | -1.792                  |
| 802.11n HT20    | Chain0  | NA    | 0.00                  | 0.022                   | 0.00                  | -0.552                  | 0.00                  | -0.871                  |
| 802.11n HT20    | Chain1  | NA    | 0.00                  | -0.001                  | 0.00                  | -0.020                  | 0.00                  | -0.873                  |
| 802.11n HT20    | MIMO    | NA    | 0.00                  | 3.021                   | 0.00                  | 2.732                   | 0.00                  | 2.138                   |
| 802.11a c VHT20 | Chain0  | NA    | 0.00                  | 0.252                   | 0.00                  | 0.042                   | 0.00                  | -0.576                  |
| 802.11a c VHT20 | Chain1  | NA    | 0.00                  | 0.163                   | 0.00                  | 0.043                   | 0.00                  | -0.539                  |
| 802.11a c VHT20 | MIMO    | NA    | 0.00                  | 3.218                   | 0.00                  | 3.053                   | 0.00                  | 2.453                   |
| 802.11a x HE20  | Chain0  | 52T   | 0.00                  | 5.379                   | 0.00                  | 5.696                   | 0.00                  | 5.908                   |
| 802.11a x HE20  | Chain1  | 52T   | 0.00                  | 5.364                   | 0.00                  | 5.790                   | 0.00                  | 5.925                   |
| 802.11a x HE20  | MIMO    | 52T   | 0.00                  | 8.382                   | 0.00                  | 8.754                   | 0.00                  | 8.927                   |
| 802.11a x HE20  | Chain0  | 106T  | 0.00                  | 2.518                   | 0.00                  | 2.861                   | 0.00                  | 2.995                   |
| 802.11a x HE20  | Chain1  | 106T  | 0.00                  | 2.452                   | 0.00                  | 2.863                   | 0.00                  | 2.962                   |
| 802.11a x HE20  | MIMO    | 106T  | 0.00                  | 5.495                   | 0.00                  | 5.872                   | 0.00                  | 5.989                   |
| 802.11a         | Chain0  | 242T  | 0.00                  | 0.193                   | 0.00                  | 0.074                   | 0.00                  | -0.588                  |



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|                   |        |      |      |       |      |        |      |        |
|-------------------|--------|------|------|-------|------|--------|------|--------|
| x HE20            |        |      |      |       |      |        |      |        |
| 802.11a<br>x HE20 | Chain1 | 242T | 0.00 | 0.127 | 0.00 | -0.078 | 0.00 | -0.534 |
| 802.11a<br>x HE20 | MIMO   | 242T | 0.00 | 3.170 | 0.00 | 3.009  | 0.00 | 2.449  |



| Test Mode      | Antenna | Tones | 5190MHz               |                         | ---                   |                         | 5230MHz               |                         |
|----------------|---------|-------|-----------------------|-------------------------|-----------------------|-------------------------|-----------------------|-------------------------|
|                |         |       | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) | Correction Factor(dB) | Power Density (dBm/MHz) |
| 802.11n HT40   | Chain0  | NA    | 0.00                  | -3.335                  | ---                   | ---                     | 0.00                  | -3.716                  |
| 802.11n HT40   | Chain1  | NA    | 0.00                  | -3.099                  | ---                   | ---                     | 0.00                  | -3.970                  |
| 802.11n HT40   | MIMO    | NA    | 0.00                  | -0.205                  | ---                   | ---                     | 0.00                  | -0.831                  |
| 802.11ac VHT40 | Chain0  | NA    | 0.00                  | -2.917                  | ---                   | ---                     | 0.00                  | -3.445                  |
| 802.11ac VHT40 | Chain1  | NA    | 0.00                  | -3.043                  | ---                   | ---                     | 0.00                  | -3.433                  |
| 802.11ac VHT40 | MIMO    | NA    | 0.00                  | 0.031                   | ---                   | ---                     | 0.00                  | -0.429                  |
| 802.11ax HE40  | Chain0  | 52T   | 0.00                  | 0.784                   | ---                   | ---                     | 0.00                  | 1.273                   |
| 802.11ax HE40  | Chain1  | 52T   | 0.00                  | 0.768                   | ---                   | ---                     | 0.00                  | 1.353                   |
| 802.11ax HE40  | MIMO    | 52T   | 0.00                  | 3.786                   | ---                   | ---                     | 0.00                  | 4.323                   |
| 802.11ax HE40  | Chain0  | 106T  | 0.00                  | -1.307                  | ---                   | ---                     | 0.00                  | -0.332                  |
| 802.11ax HE40  | Chain1  | 106T  | 0.00                  | -1.234                  | ---                   | ---                     | 0.00                  | -0.411                  |
| 802.11ax HE40  | MIMO    | 106T  | 0.00                  | 1.740                   | ---                   | ---                     | 0.00                  | 2.639                   |
| 802.11ax HE40  | Chain0  | 242T  | 0.00                  | -3.475                  | ---                   | ---                     | 0.00                  | -3.001                  |
| 802.11ax HE40  | Chain1  | 242T  | 0.00                  | -3.383                  | ---                   | ---                     | 0.00                  | -2.982                  |
| 802.11ax HE40  | MIMO    | 242T  | 0.00                  | -0.418                  | ---                   | ---                     | 0.00                  | 0.019                   |



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|                   |        |      |      |        |     |     |      |        |
|-------------------|--------|------|------|--------|-----|-----|------|--------|
| 802.11a<br>x HE40 | Chain0 | 484T | 0.00 | -3.730 | --- | --- | 0.00 | -5.678 |
| 802.11a<br>x HE40 | Chain1 | 484T | 0.00 | -5.810 | --- | --- | 0.00 | -5.701 |
| 802.11a<br>x HE40 | MIMO   | 484T | 0.00 | -1.636 | --- | --- | 0.00 | -2.679 |



| Test Mode          | Antenna | Tones | 5210MHz                |                          | ---                    |                          | ---                    |                          |
|--------------------|---------|-------|------------------------|--------------------------|------------------------|--------------------------|------------------------|--------------------------|
|                    |         |       | Correction Factor(dB ) | Power Density (dBm/MHz ) | Correction Factor(dB ) | Power Density (dBm/MHz ) | Correction Factor(dB ) | Power Density (dBm/MHz ) |
| 802.11a<br>c VHT80 | Chain0  | NA    | 0.22                   | -6.072                   | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>c VHT80 | Chain1  | NA    | 0.21                   | -6.192                   | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>c VHT80 | MIMO    | NA    | 0.22                   | -3.121                   | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | Chain0  | 52T   | 0.21                   | 0.153                    | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | Chain1  | 52T   | 0.21                   | 0.113                    | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | MIMO    | 52T   | 0.21                   | 3.143                    | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | Chain0  | 106T  | 0.21                   | -2.286                   | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | Chain1  | 106T  | 0.21                   | -2.346                   | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | MIMO    | 106T  | 0.21                   | 0.694                    | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | Chain0  | 242T  | 0.21                   | -5.006                   | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | Chain1  | 242T  | 0.21                   | -4.848                   | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | MIMO    | 242T  | 0.21                   | -1.916                   | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | Chain0  | 484T  | 0.21                   | -10.493                  | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | Chain1  | 484T  | 0.21                   | -10.607                  | ---                    | ---                      | ---                    | ---                      |
| 802.11a<br>x HE80  | MIMO    | 484T  | 0.21                   | -7.539                   | ---                    | ---                      | ---                    | ---                      |



|                   |        |      |      |        |     |     |     |     |
|-------------------|--------|------|------|--------|-----|-----|-----|-----|
| 802.11a<br>x HE80 | Chain0 | 996T | 0.21 | -8.994 | --- | --- | --- | --- |
| 802.11a<br>x HE80 | Chain1 | 996T | 0.21 | -8.920 | --- | --- | --- | --- |
| 802.11a<br>x HE80 | MIMO   | 996T | 0.21 | -5.947 | --- | --- | --- | --- |

**UNII-3**

| Test Mode         | Antenna | Tones | 5745MHz                |                            | 5785MHz                |                            | 5825MHz                |                            |
|-------------------|---------|-------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
|                   |         |       | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) |
| 802.11a           | Chain0  | NA    | 0.00                   | 0.242                      | 0.00                   | 0.661                      | 0.00                   | 0.556                      |
| 802.11a           | Chain1  | NA    | 0.00                   | 0.330                      | 0.00                   | 0.539                      | 0.00                   | 0.316                      |
| 802.11n<br>HT20   | Chain0  | NA    | 0.00                   | 0.128                      | 0.00                   | 0.489                      | 0.00                   | 0.200                      |
| 802.11n<br>HT20   | Chain1  | NA    | 0.00                   | 0.234                      | 0.00                   | 0.229                      | 0.00                   | 0.248                      |
| 802.11n<br>HT20   | MIMO    | NA    | 0.00                   | 3.192                      | 0.00                   | 3.371                      | 0.00                   | 3.234                      |
| 802.11ac<br>VHT20 | Chain0  | NA    | 0.00                   | -0.030                     | 0.00                   | 0.140                      | 0.00                   | 0.237                      |
| 802.11ac<br>VHT20 | Chain1  | NA    | 0.00                   | -0.030                     | 0.00                   | 0.183                      | 0.00                   | 0.315                      |
| 802.11ac<br>VHT20 | MIMO    | NA    | 0.00                   | 2.980                      | 0.00                   | 3.172                      | 0.00                   | 3.286                      |
| 802.11ax<br>HE20  | Chain0  | 52T   | 0.00                   | 1.881                      | 0.00                   | 1.978                      | 0.00                   | 1.908                      |
| 802.11ax<br>HE20  | Chain1  | 52T   | 0.00                   | 2.057                      | 0.00                   | 1.887                      | 0.00                   | 1.925                      |
| 802.11ax<br>HE20  | MIMO    | 52T   | 0.00                   | 4.980                      | 0.00                   | 4.943                      | 0.00                   | 4.927                      |
| 802.11ax<br>HE20  | Chain0  | 106T  | 0.00                   | -0.974                     | 0.00                   | -0.954                     | 0.00                   | -0.917                     |



|                  |        |      |      |        |      |        |      |        |
|------------------|--------|------|------|--------|------|--------|------|--------|
| 802.11ax<br>HE20 | Chain1 | 106T | 0.00 | -1.048 | 0.00 | -0.921 | 0.00 | -0.723 |
| 802.11ax<br>HE20 | MIMO   | 106T | 0.00 | 1.999  | 0.00 | 2.073  | 0.00 | 2.191  |
| 802.11ax<br>HE20 | Chain0 | 242T | 0.00 | -0.736 | 0.00 | -0.414 | 0.00 | -0.678 |
| 802.11ax<br>HE20 | Chain1 | 242T | 0.00 | -0.796 | 0.00 | -0.485 | 0.00 | -0.562 |
| 802.11ax<br>HE20 | MIMO   | 242T | 0.00 | 2.244  | 0.00 | 2.561  | 0.00 | 2.391  |

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add  $10\log(500\text{kHz}/\text{RBW})$  to the measured result.



| Test Mode      | Antenna | Tones | 5755MHz                |                            | ---                    |                            | 5795MHz                |                            |
|----------------|---------|-------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
|                |         |       | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) |
| 802.11n HT40   | Chain0  | NA    | 0.00                   | -2.605                     | ---                    | ---                        | 0.00                   | -2.383                     |
| 802.11n HT40   | Chain1  | NA    | 0.00                   | -2.806                     | ---                    | ---                        | 0.00                   | -2.265                     |
| 802.11n HT40   | MIMO    | NA    | 0.00                   | 0.306                      | ---                    | ---                        | 0.00                   | 0.687                      |
| 802.11ac VHT40 | Chain0  | NA    | 0.00                   | -2.886                     | ---                    | ---                        | 0.00                   | -2.399                     |
| 802.11ac VHT40 | Chain1  | NA    | 0.00                   | -2.650                     | ---                    | ---                        | 0.00                   | -2.199                     |
| 802.11ac VHT40 | MIMO    | NA    | 0.00                   | 0.244                      | ---                    | ---                        | 0.00                   | 0.712                      |
| 802.11ax HE40  | Chain0  | 52T   | 0.00                   | -1.954                     | ---                    | ---                        | 0.00                   | -1.995                     |
| 802.11ax HE40  | Chain1  | 52T   | 0.00                   | -2.058                     | ---                    | ---                        | 0.00                   | -2.074                     |
| 802.11ax HE40  | MIMO    | 52T   | 0.00                   | 1.005                      | ---                    | ---                        | 0.00                   | 0.976                      |
| 802.11ax HE40  | Chain0  | 106T  | 0.00                   | -4.323                     | ---                    | ---                        | 0.00                   | -4.039                     |
| 802.11ax HE40  | Chain1  | 106T  | 0.00                   | -4.221                     | ---                    | ---                        | 0.00                   | -3.933                     |
| 802.11ax HE40  | MIMO    | 106T  | 0.00                   | -1.261                     | ---                    | ---                        | 0.00                   | -0.975                     |
| 802.11ax HE40  | Chain0  | 242T  | 0.00                   | -7.011                     | ---                    | ---                        | 0.00                   | -6.188                     |
| 802.11ax HE40  | Chain1  | 242T  | 0.00                   | -6.798                     | ---                    | ---                        | 0.00                   | -6.640                     |
| 802.11ax       | MIMO    | 242T  | 0.00                   | -3.893                     | ---                    | ---                        | 0.00                   | -3.398                     |



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|                  |        |      |      |        |     |     |      |        |
|------------------|--------|------|------|--------|-----|-----|------|--------|
| HE40             |        |      |      |        |     |     |      |        |
| 802.11ax<br>HE40 | Chain0 | 484T | 0.00 | -4.180 | --- | --- | 0.00 | -3.668 |
| 802.11ax<br>HE40 | Chain1 | 484T | 0.00 | -4.257 | --- | --- | 0.00 | -3.505 |
| 802.11ax<br>HE40 | MIMO   | 484T | 0.00 | -1.208 | --- | --- | 0.00 | -0.575 |

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add  $10\log(500\text{kHz}/\text{RBW})$  to the measured result.



| Test Mode      | Antenna | Tones | 5775MHz                |                            | ---                    |                            | ---                    |                            |
|----------------|---------|-------|------------------------|----------------------------|------------------------|----------------------------|------------------------|----------------------------|
|                |         |       | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) | Correction Factor (dB) | Power Density (dBm/500KHz) |
| 802.11ac VHT80 | Chain0  | NA    | 0.00                   | -6.065                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ac VHT80 | Chain1  | NA    | 0.00                   | -6.003                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ac VHT80 | MIMO    | NA    | 0.00                   | -3.024                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | Chain0  | 52T   | 0.00                   | -3.727                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | Chain1  | 52T   | 0.00                   | -3.723                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | MIMO    | 52T   | 0.00                   | -0.715                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | Chain0  | 106T  | 0.00                   | -6.246                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | Chain1  | 106T  | 0.00                   | -6.297                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | MIMO    | 106T  | 0.00                   | -3.261                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | Chain0  | 242T  | 0.00                   | -9.041                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | Chain1  | 242T  | 0.00                   | -8.803                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | MIMO    | 242T  | 0.00                   | -5.910                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | Chain0  | 484T  | 0.00                   | -10.526                    | ---                    | ---                        | ---                    | ---                        |
| 802.11ax HE80  | Chain1  | 484T  | 0.00                   | -9.472                     | ---                    | ---                        | ---                    | ---                        |
| 802.11ax       | MIMO    | 484T  | 0.00                   | -6.957                     | ---                    | ---                        | ---                    | ---                        |



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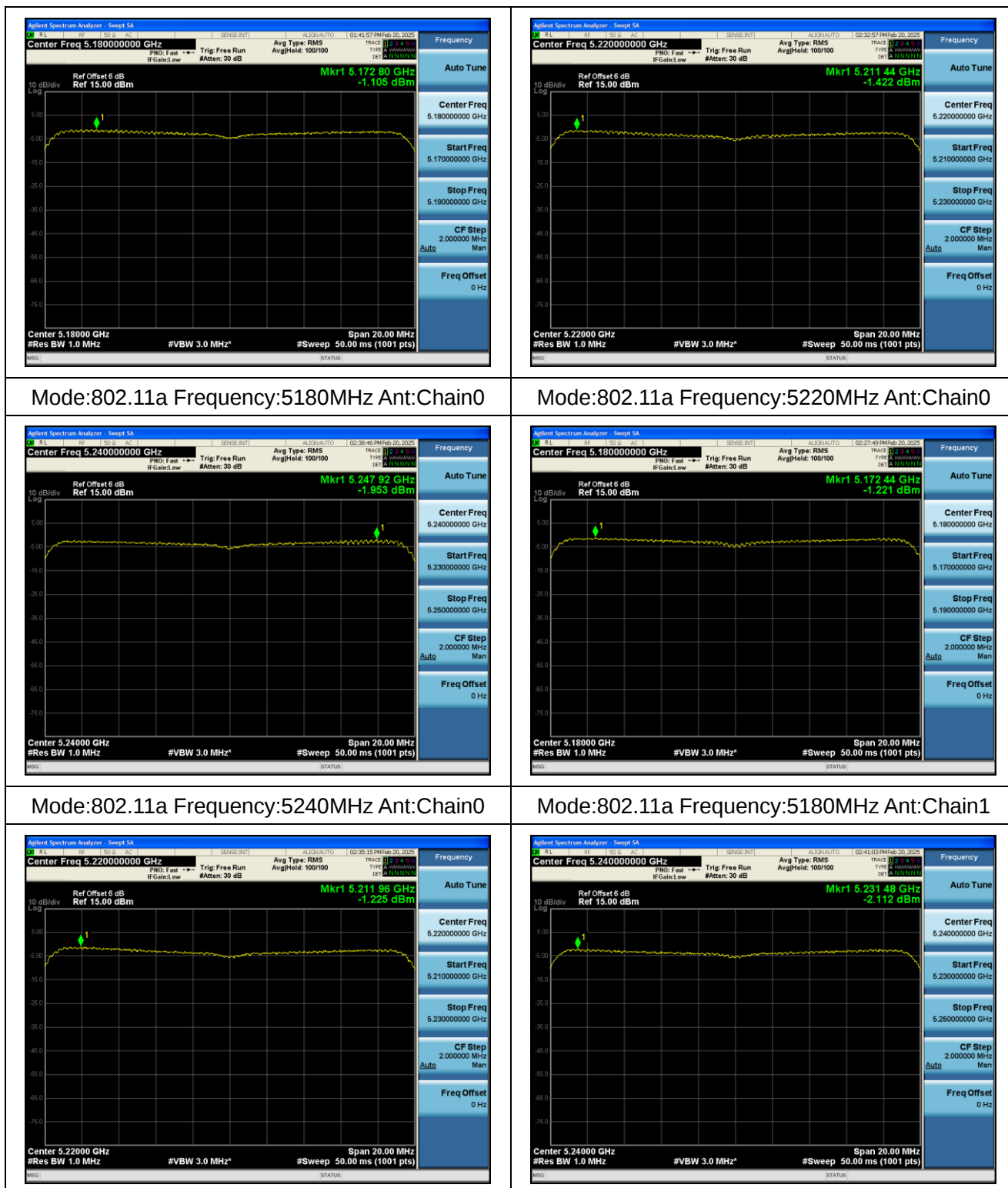
|                  |        |      |      |        |     |     |     |     |
|------------------|--------|------|------|--------|-----|-----|-----|-----|
| HE80             |        |      |      |        |     |     |     |     |
| 802.11ax<br>HE80 | Chain0 | 996T | 0.00 | -6.499 | --- | --- | --- | --- |
| 802.11ax<br>HE80 | Chain1 | 996T | 0.00 | -6.597 | --- | --- | --- | --- |
| 802.11ax<br>HE80 | MIMO   | 996T | 0.00 | -3.537 | --- | --- | --- | --- |

Note: As measurement bandwidth of Maximum PSD is specified in 500 kHz, add  $10\log(500\text{kHz}/\text{RBW})$  to the measured result.

## TEST GRAPHS

### UNII-1

Test Mode: 802.11a





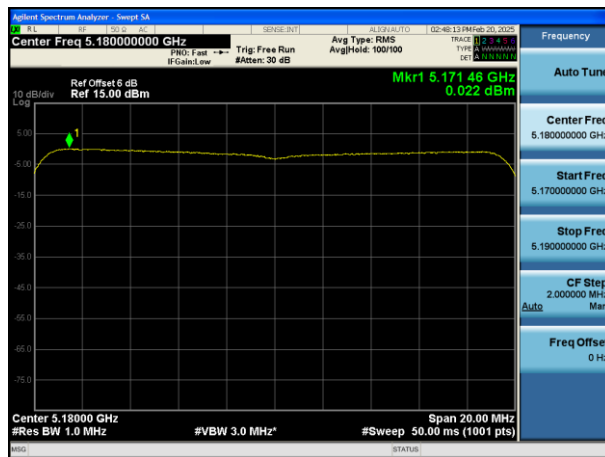
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Test Report No.: PSU-NQN2502170213RF010

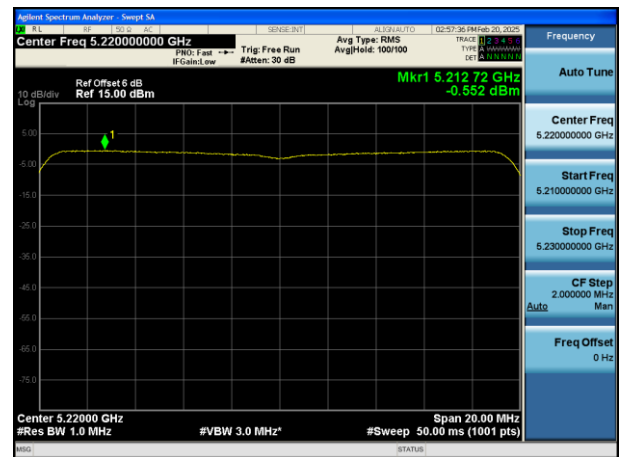
Mode:802.11a Frequency:5220MHz Ant:Chain1

Mode:802.11a Frequency:5240MHz Ant:Chain1

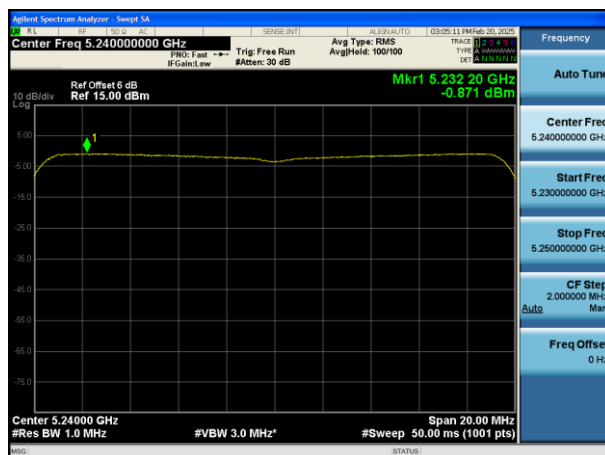
Test Mode: 802.11n HT20



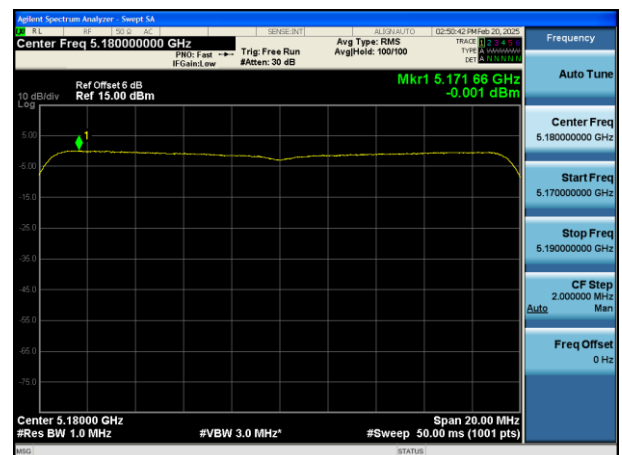
Mode:802.11n HT20 Frequency:5180MHz  
Ant:Chain0



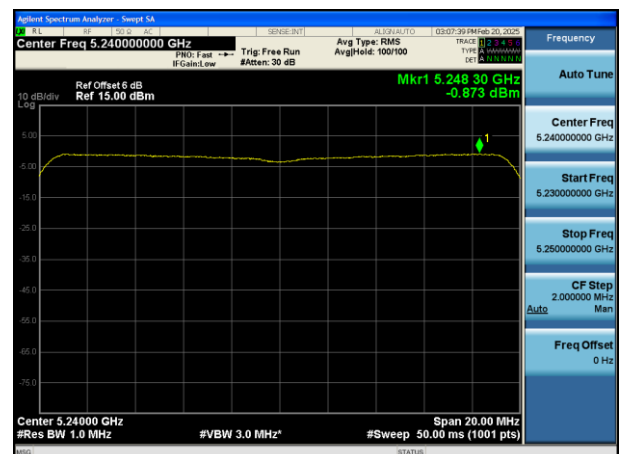
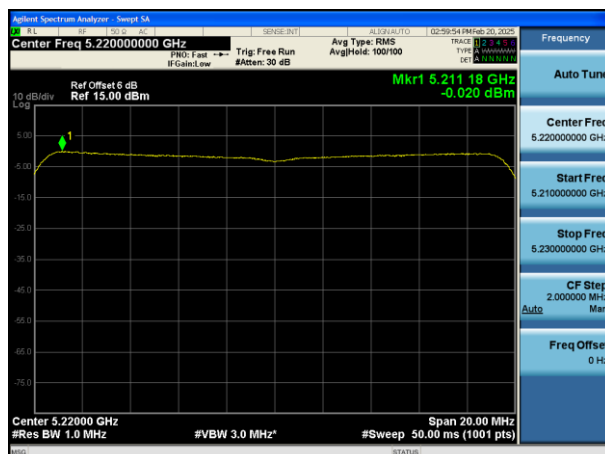
Mode:802.11n HT20 Frequency:5220MHz  
Ant:Chain0



Mode:802.11n HT20 Frequency:5240MHz  
Ant:Chain0



Mode:802.11n HT20 Frequency:5180MHz  
Ant:Chain1

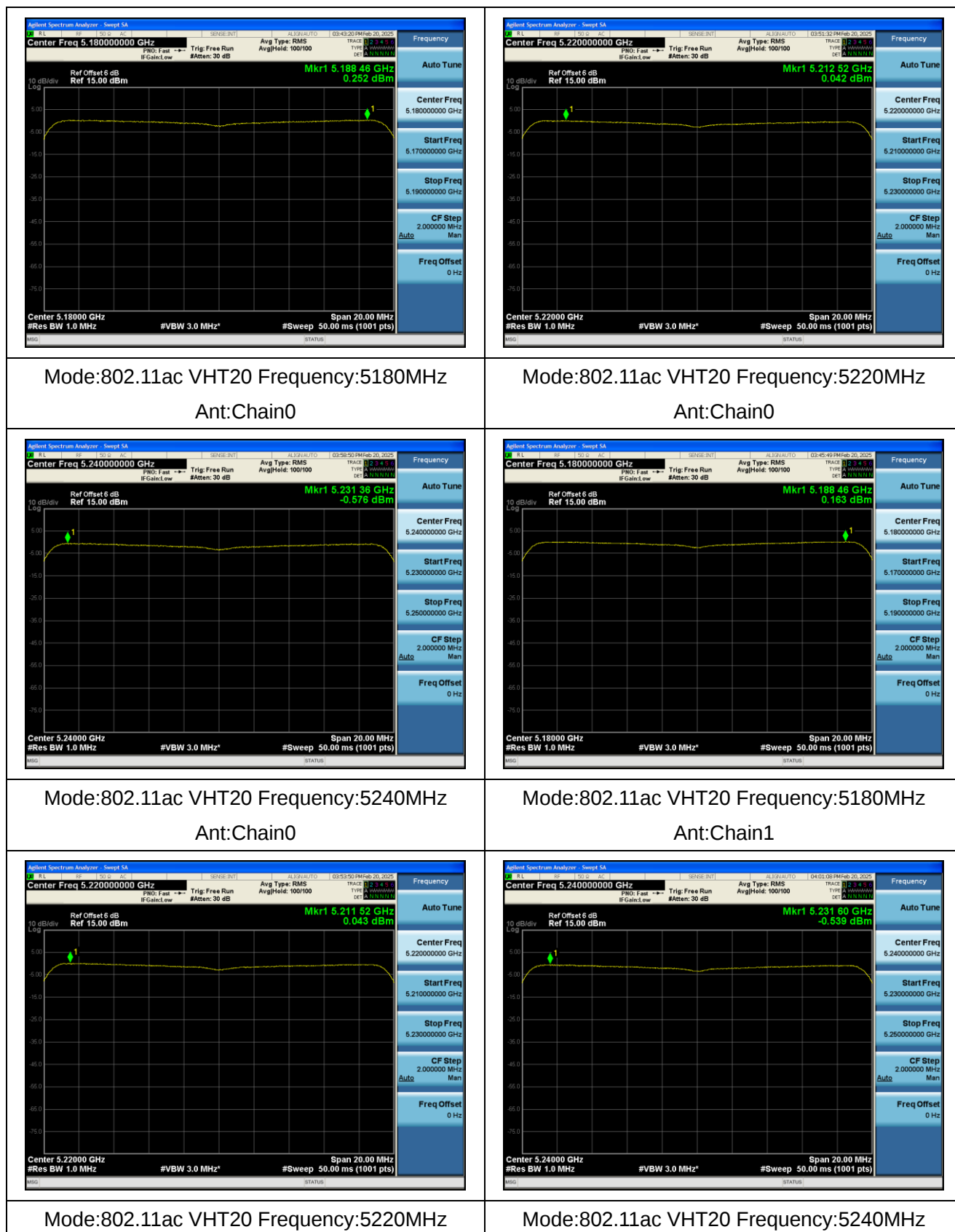




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|                                                   |                                                   |
|---------------------------------------------------|---------------------------------------------------|
| Mode:802.11n HT20 Frequency:5220MHz<br>Ant:Chain1 | Mode:802.11n HT20 Frequency:5240MHz<br>Ant:Chain1 |
|---------------------------------------------------|---------------------------------------------------|

Test Mode: 802.11ac VHT20





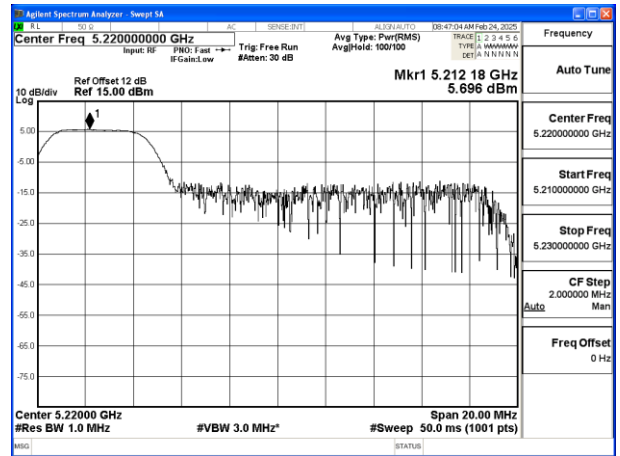
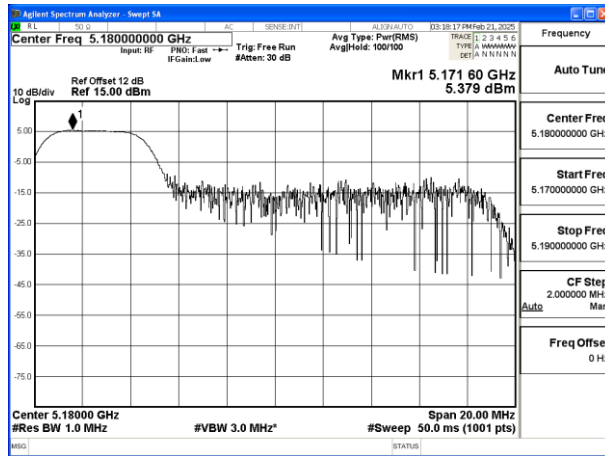
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Test Report No.: PSU-NQN2502170213RF010

Ant:Chain1

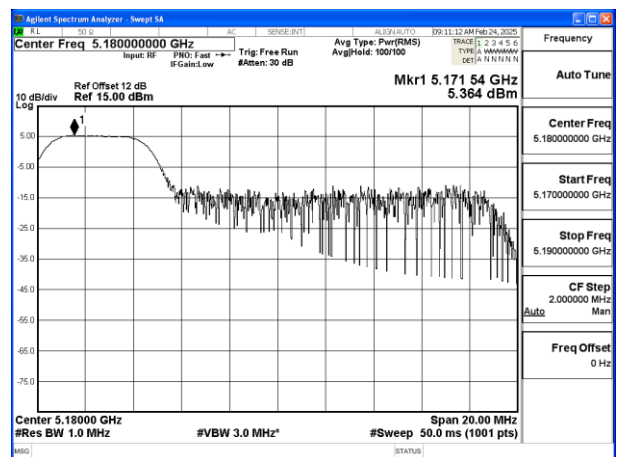
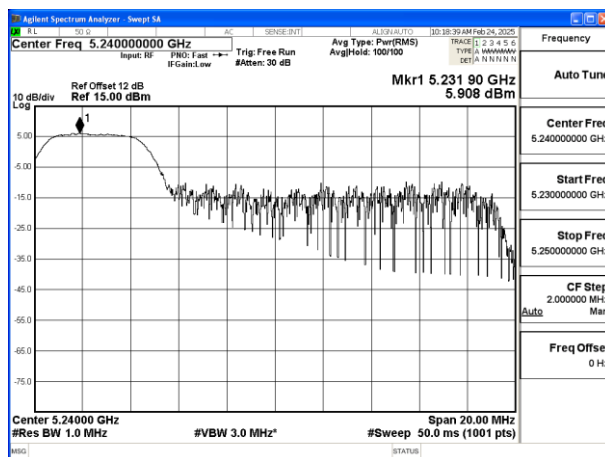
Ant:Chain1

Test Mode: 802.11ax HE20



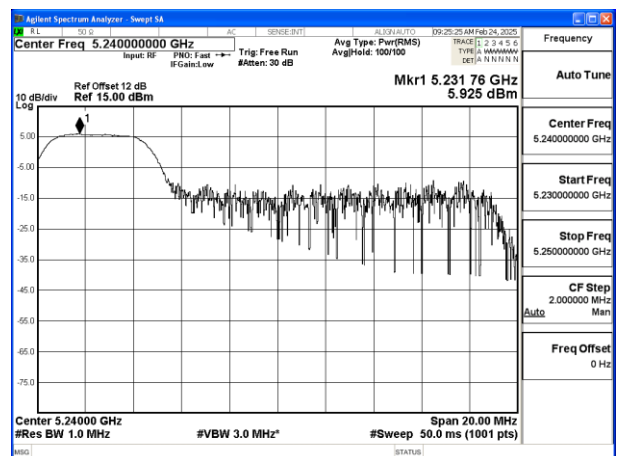
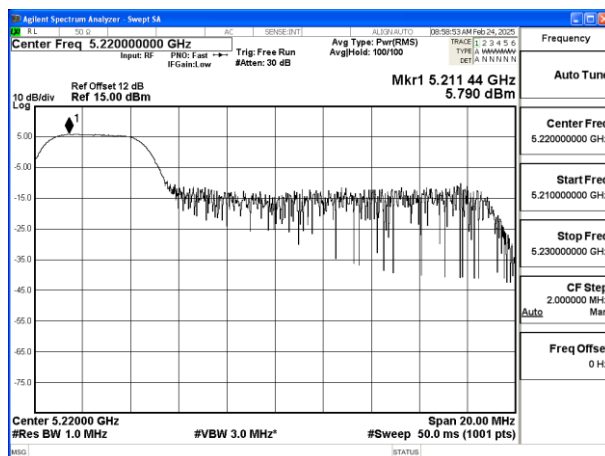
Mode:802.11ax HE20 Tone:52T  
Frequency:5180MHz Ant:Chain0

Mode:802.11ax HE20 Tone:52T  
Frequency:5220MHz Ant:Chain0



Mode:802.11ax HE20 Tone:52T  
Frequency:5240MHz Ant:Chain0

Mode:802.11ax HE20 Tone:52T  
Frequency:5180MHz Ant:Chain1

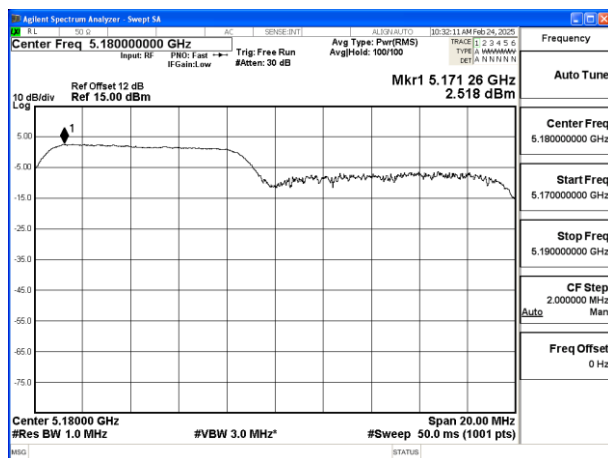




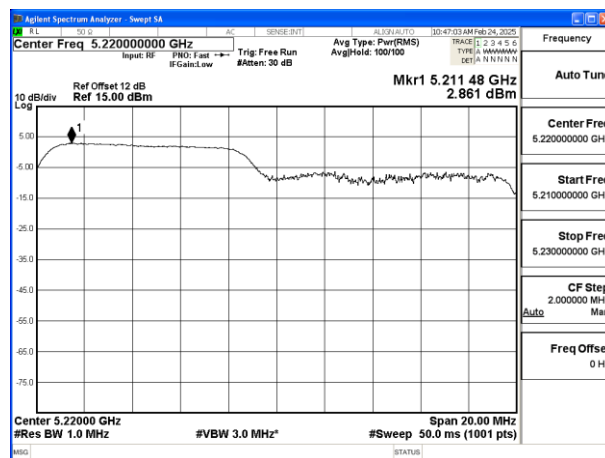
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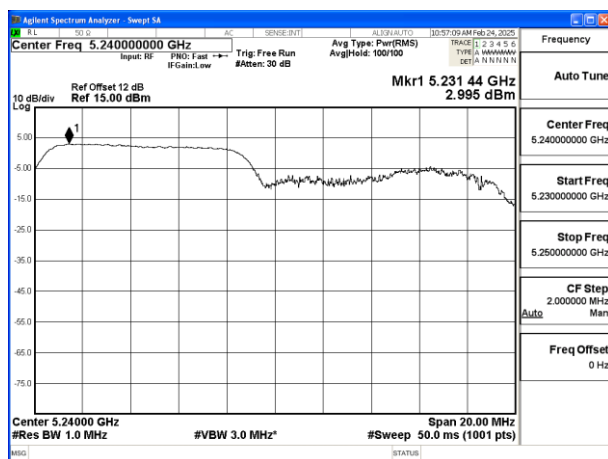
Mode:802.11ax HE20 Tone:52T  
Frequency:5220MHz Ant:Chain1



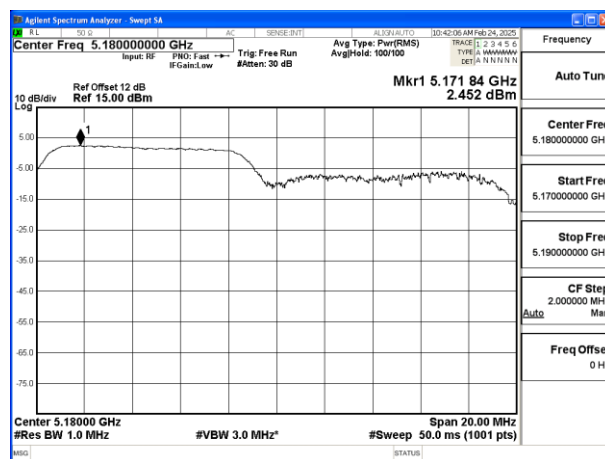
Mode:802.11ax HE20 Tone:52T  
Frequency:5240MHz Ant:Chain1



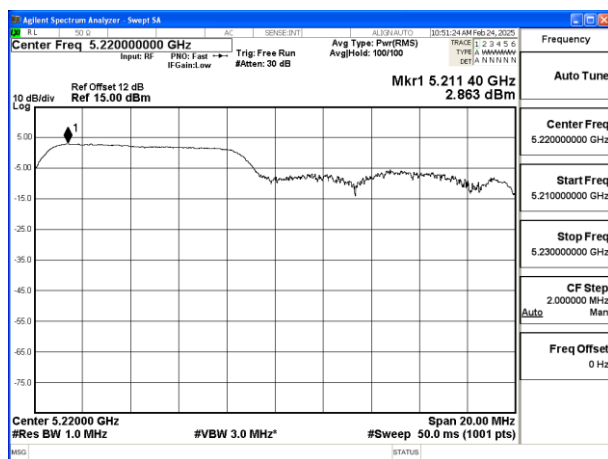
Mode:802.11ax HE20 Tone:106T  
Frequency:5180MHz Ant:Chain0



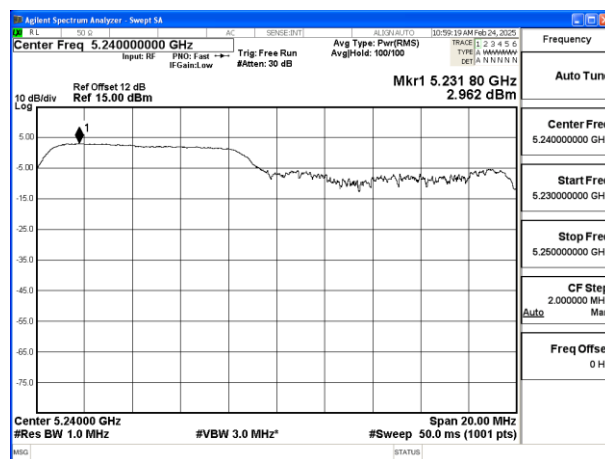
Mode:802.11ax HE20 Tone:106T  
Frequency:5220MHz Ant:Chain0



Mode:802.11ax HE20 Tone:106T  
Frequency:5240MHz Ant:Chain0



Mode:802.11ax HE20 Tone:106T  
Frequency:5180MHz Ant:Chain1



Mode:802.11ax HE20 Tone:106T

Mode:802.11ax HE20 Tone:106T

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(Suzhou) Co., Ltd.

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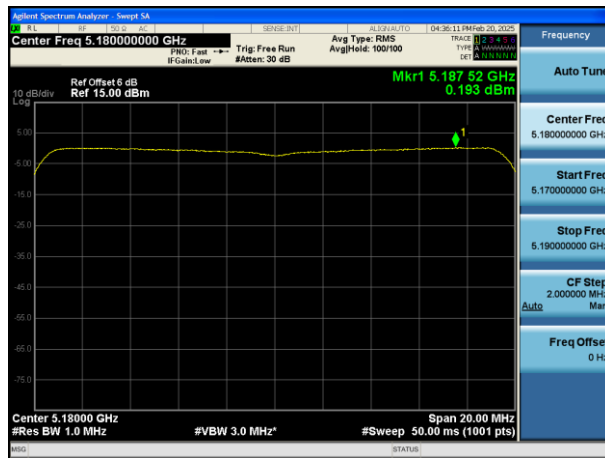
Tel: +86 (0557) 368 1008



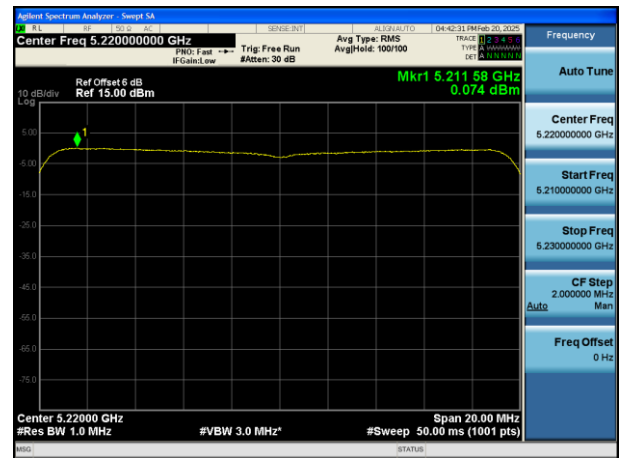
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Test Report No.: PSU-NQN2502170213RF010

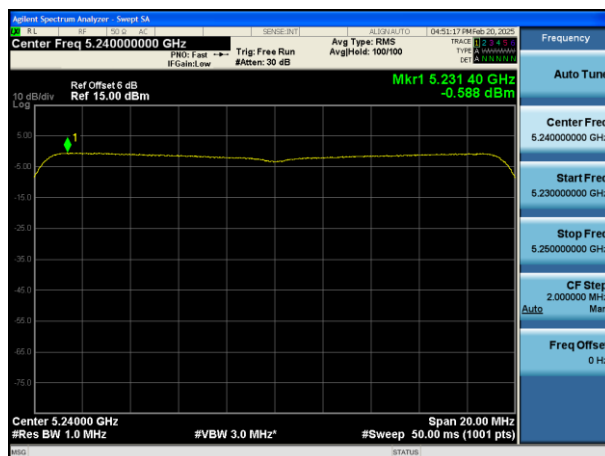
Frequency:5220MHz Ant:Chain1



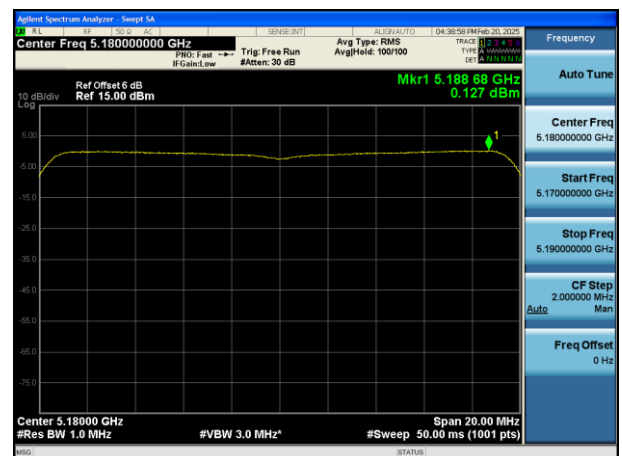
Frequency:5240MHz Ant:Chain1



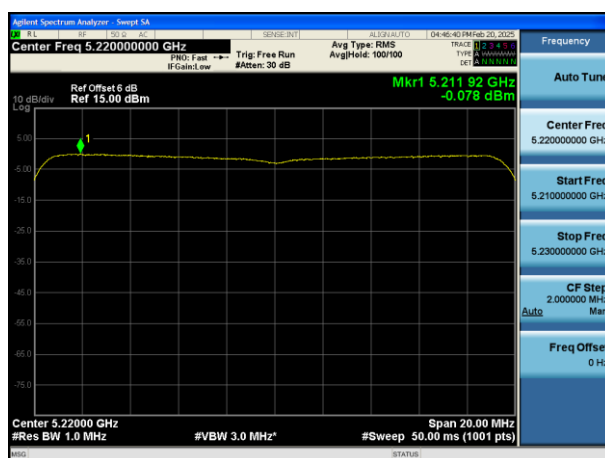
Mode:802.11ax HE20 Tone:242T  
Frequency:5180MHz Ant:Chain0



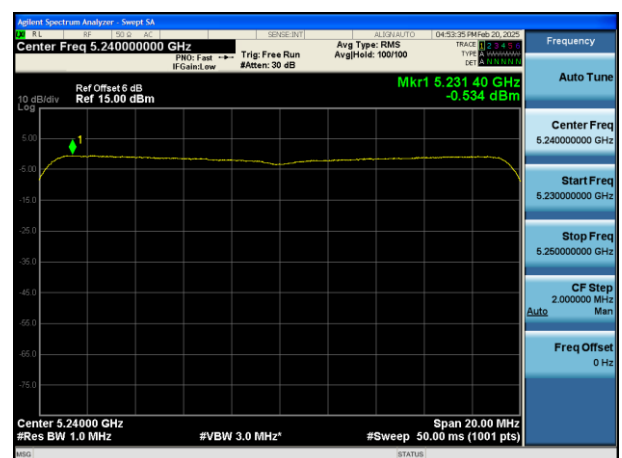
Mode:802.11ax HE20 Tone:242T  
Frequency:5220MHz Ant:Chain0



Mode:802.11ax HE20 Tone:242T  
Frequency:5240MHz Ant:Chain0



Mode:802.11ax HE20 Tone:242T  
Frequency:5180MHz Ant:Chain1



Mode:802.11ax HE20 Tone:242T  
Frequency:5220MHz Ant:Chain1

Mode:802.11ax HE20 Tone:242T  
Frequency:5240MHz Ant:Chain1

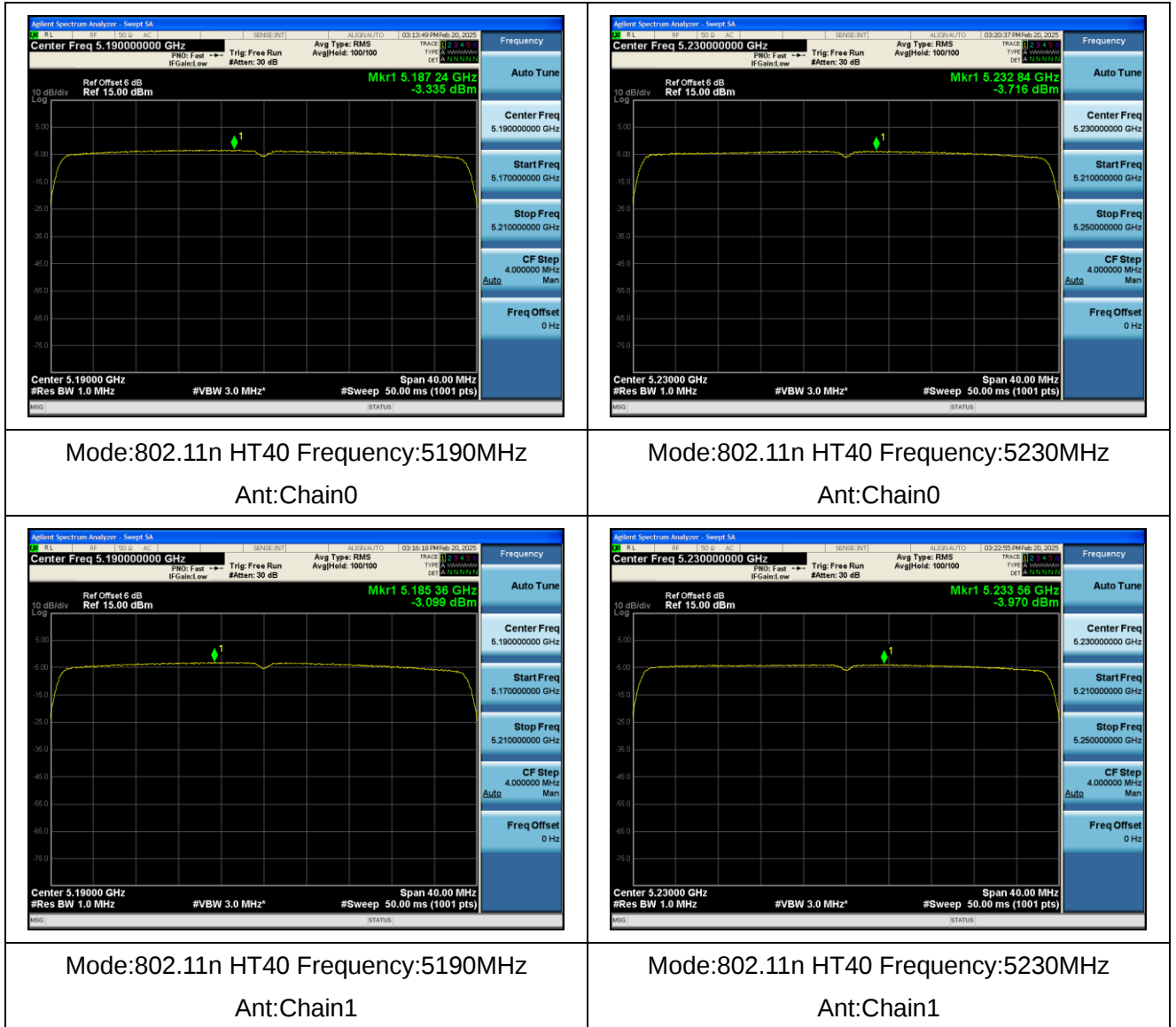
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(Suzhou) Co., Ltd.

Tower N, Innovation Center, 88 Zuyi Road, High-tech  
District, Suzhou City, Anhui Province, China

Tel: +86 (0557) 368 1008

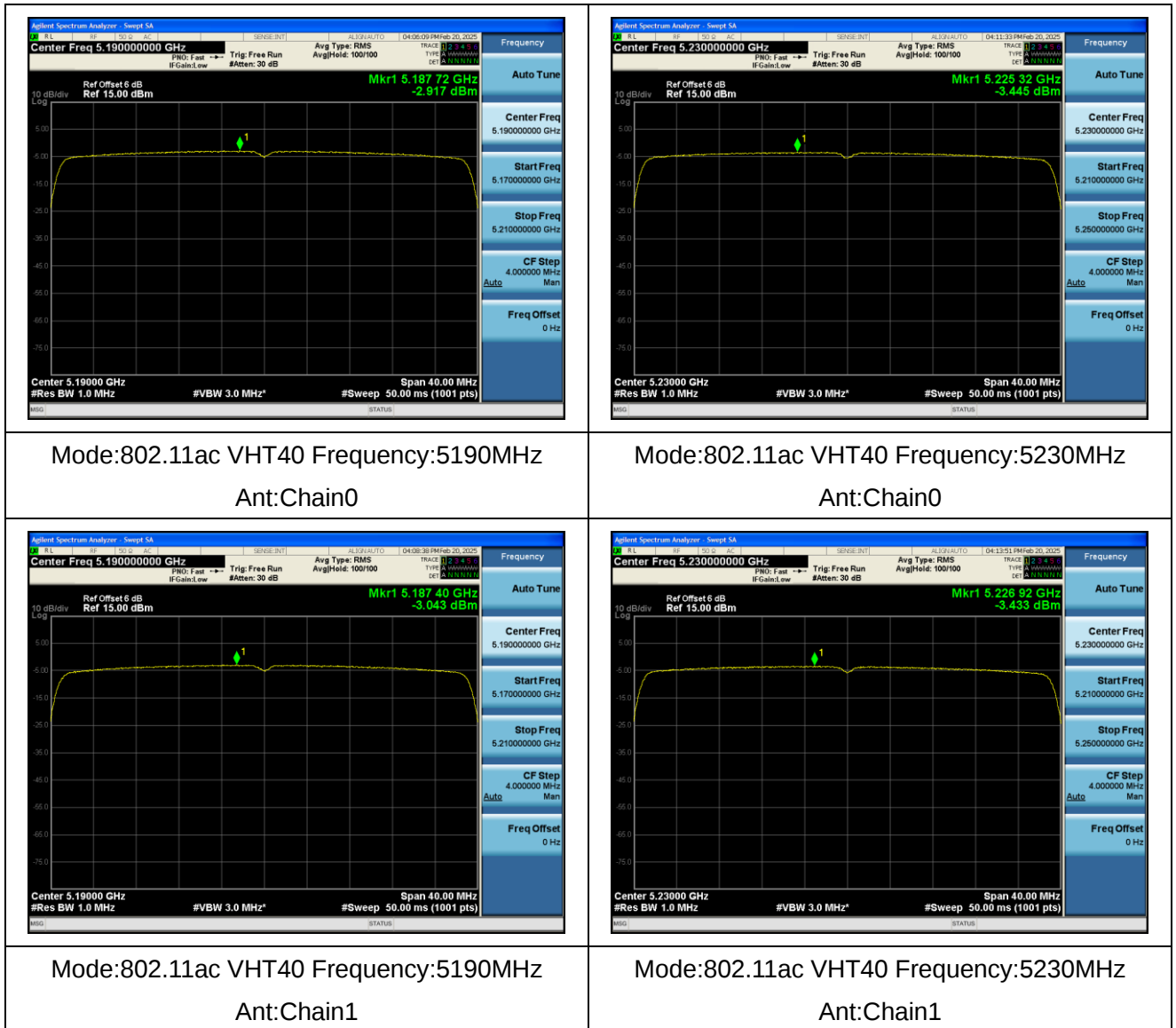


Test Mode: 802.11n HT40





Test Mode: 802.11ac VHT40

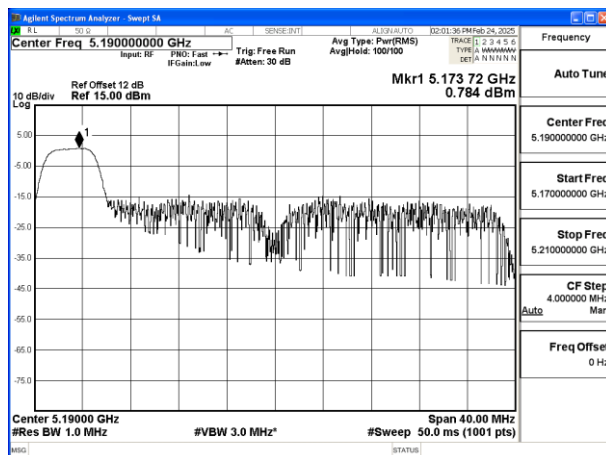




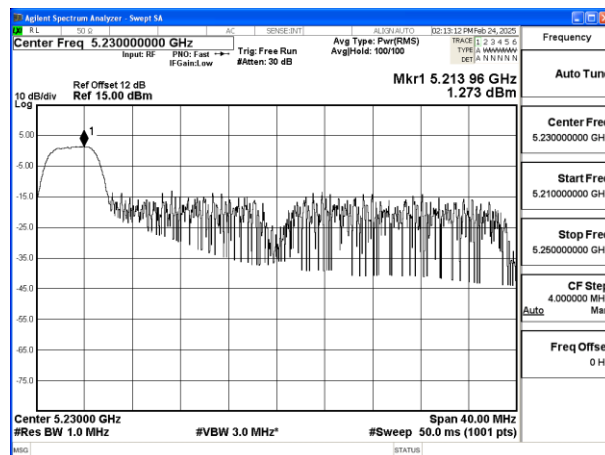
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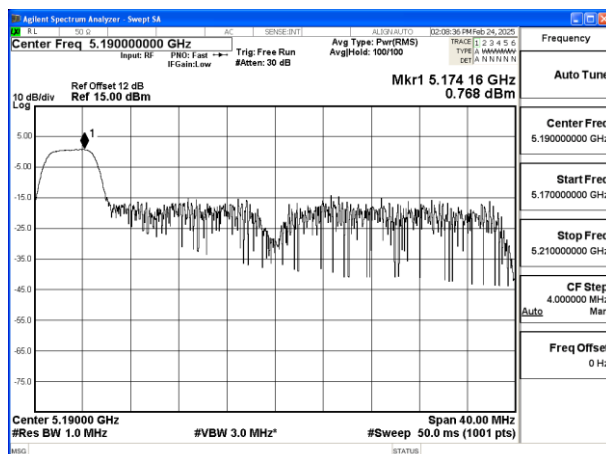
Test Mode: 802.11ax HE40



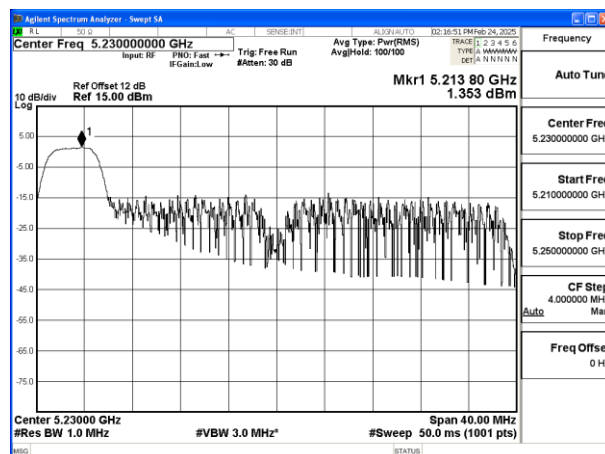
Mode:802.11ax HE40 Tone:52T  
Frequency:5190MHz Ant:Chain0



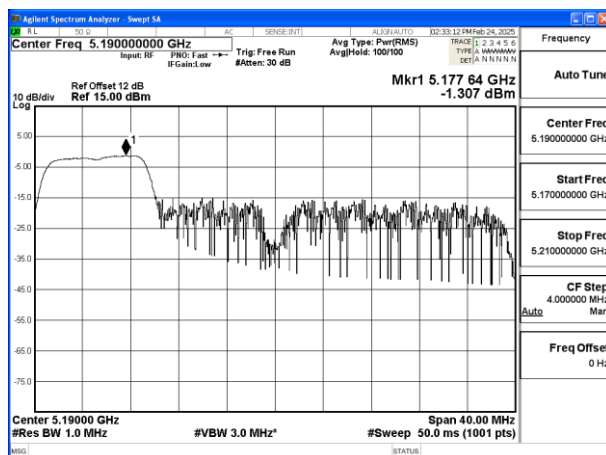
Mode:802.11ax HE40 Tone:52T  
Frequency:5230MHz Ant:Chain0



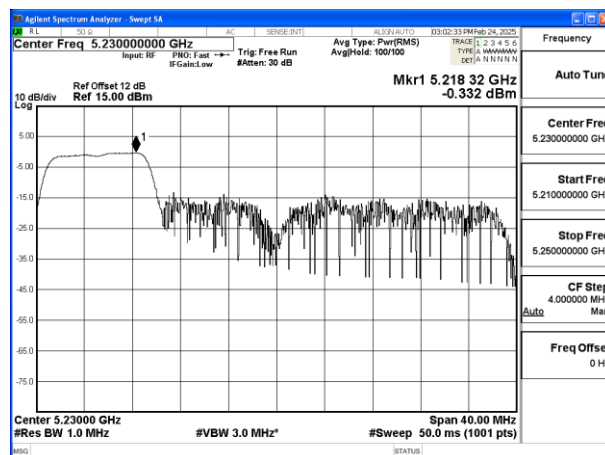
Mode:802.11ax HE40 Tone:52T  
Frequency:5190MHz Ant:Chain1



Mode:802.11ax HE40 Tone:52T  
Frequency:5230MHz Ant:Chain1



Mode:802.11ax HE40 Tone:106T



Mode:802.11ax HE40 Tone:106T

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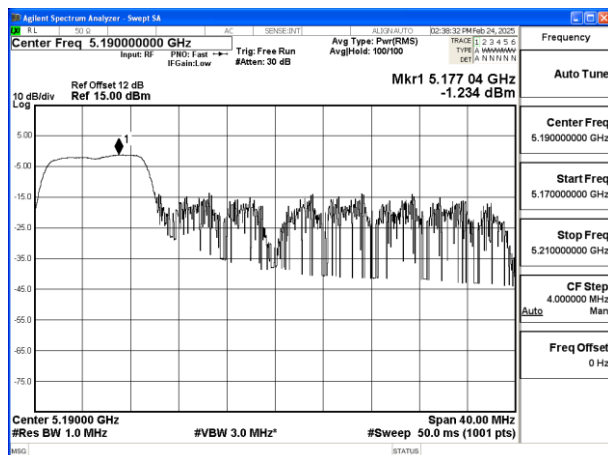
Tel: +86 (0557) 368 1008



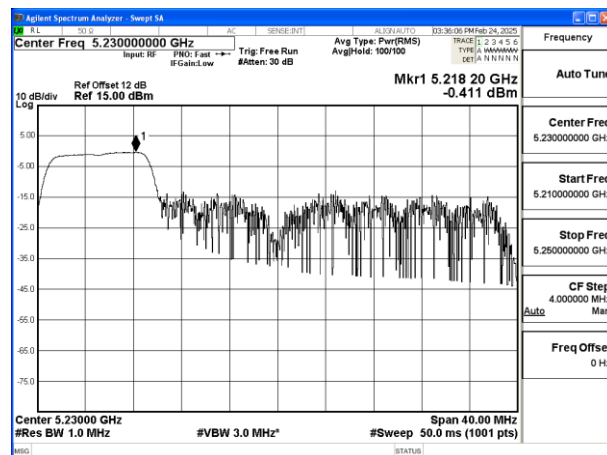
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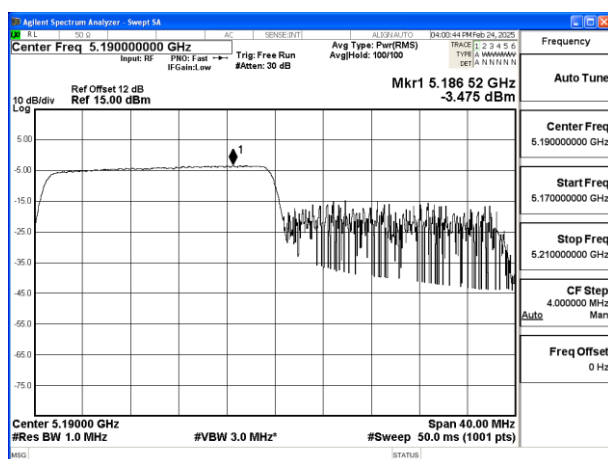
Frequency:5190MHz Ant:Chain0



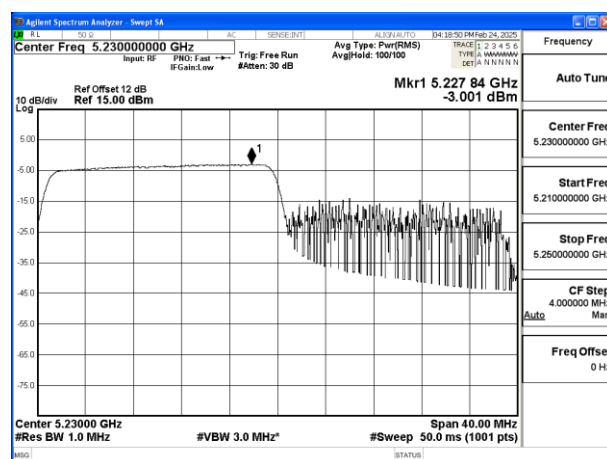
Frequency:5230MHz Ant:Chain0



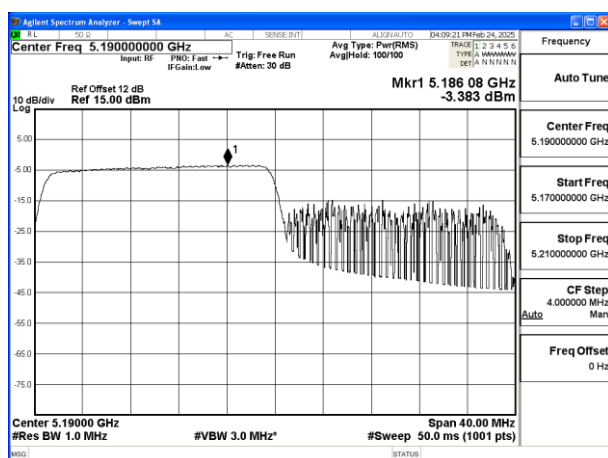
Mode:802.11ax HE40 Tone:106T  
Frequency:5190MHz Ant:Chain1



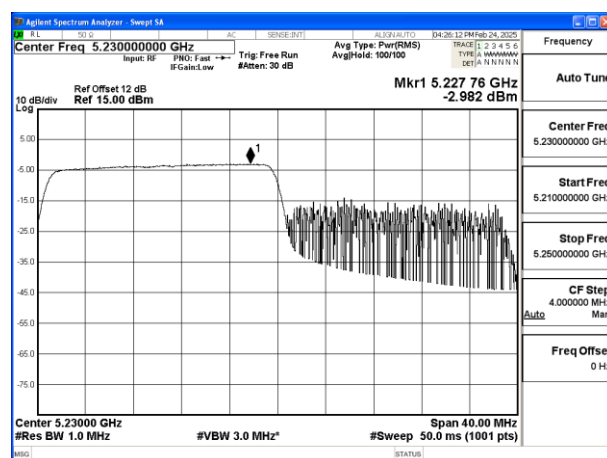
Mode:802.11ax HE40 Tone:106T  
Frequency:5230MHz Ant:Chain1



Mode:802.11ax HE40 Tone:242T  
Frequency:5190MHz Ant:Chain0



Mode:802.11ax HE40 Tone:242T  
Frequency:5230MHz Ant:Chain0



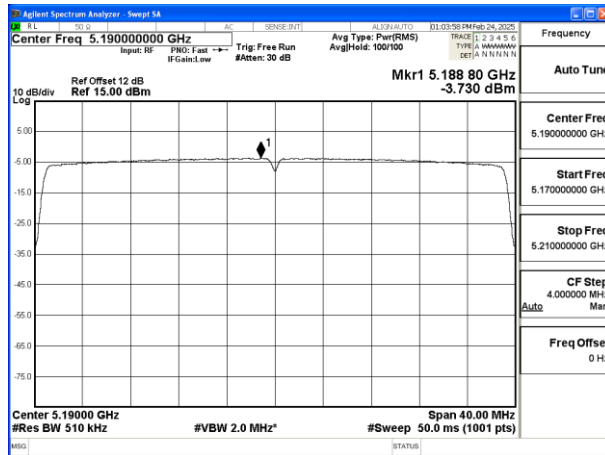
Mode:802.11ax HE40 Tone:242T  
Frequency:5190MHz Ant:Chain1

Mode:802.11ax HE40 Tone:242T  
Frequency:5230MHz Ant:Chain1

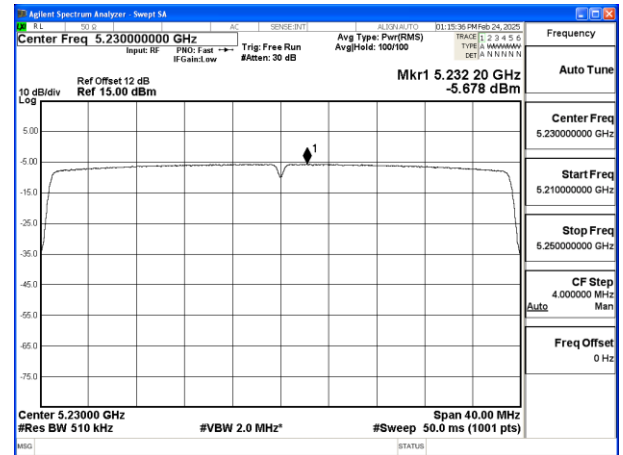


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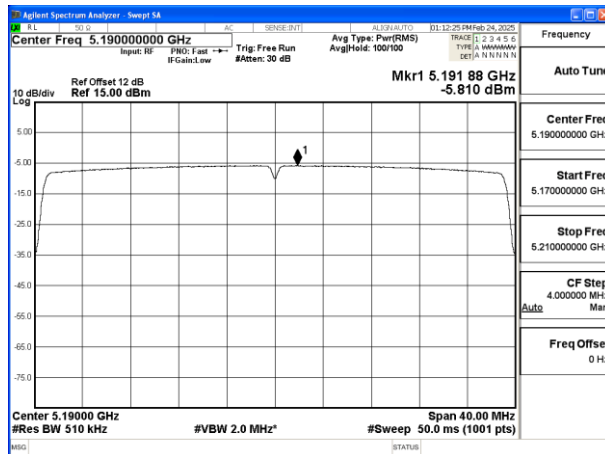
Test Report No.: PSU-NQN2502170213RF010



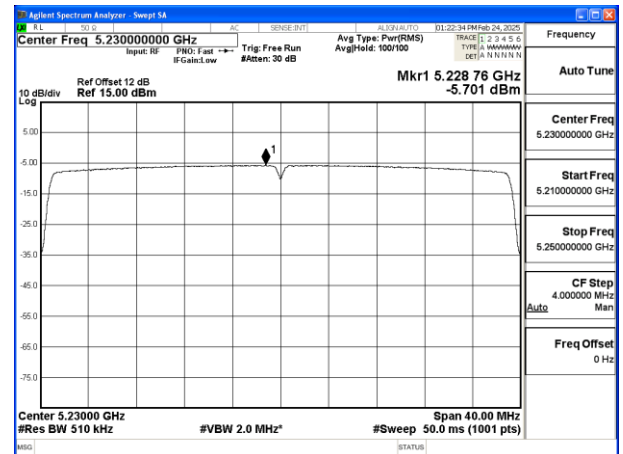
Mode:802.11ax HE40 Tone:484T  
Frequency:5190MHz Ant:Chain0



Mode:802.11ax HE40 Tone:484T  
Frequency:5230MHz Ant:Chain0

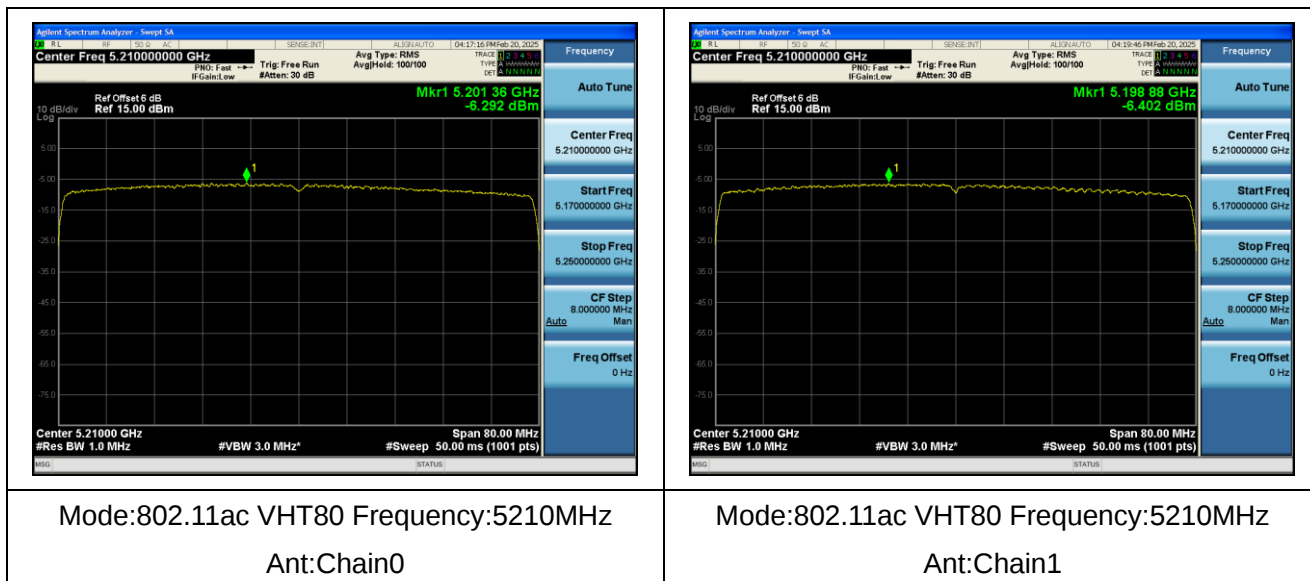


Mode:802.11ax HE40 Tone:484T  
Frequency:5190MHz Ant:Chain1

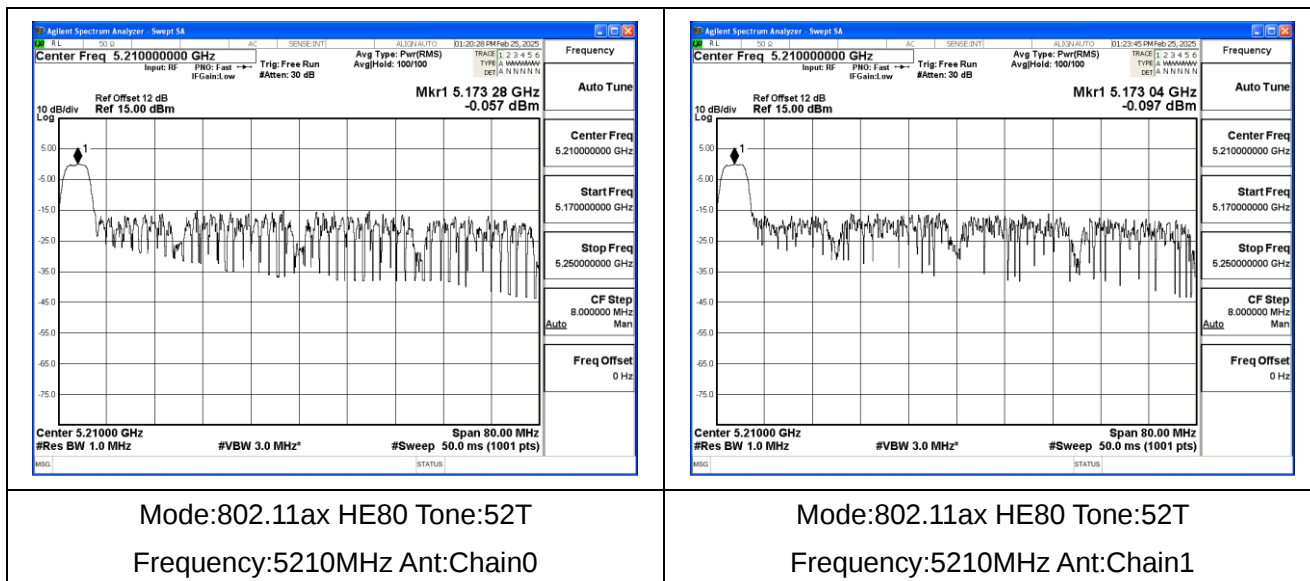


Mode:802.11ax HE40 Tone:484T  
Frequency:5230MHz Ant:Chain1

Test Mode: 802.11ac VHT80



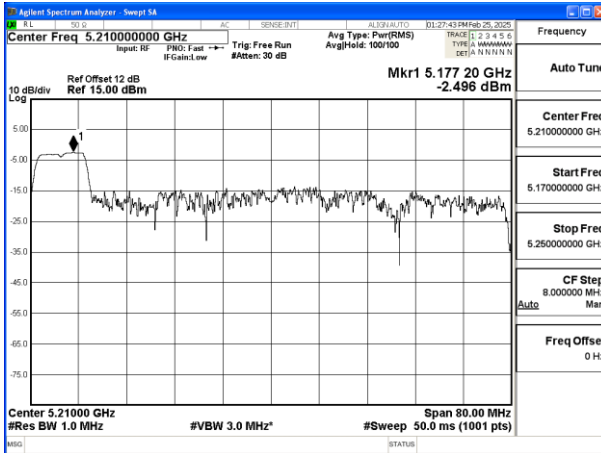
Test Mode: 802.11ax HE80



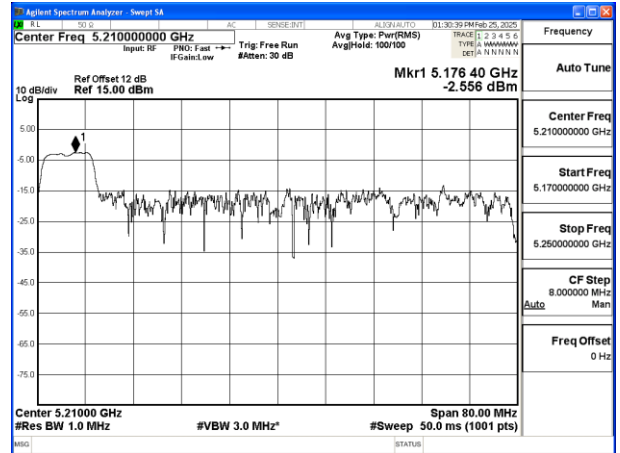


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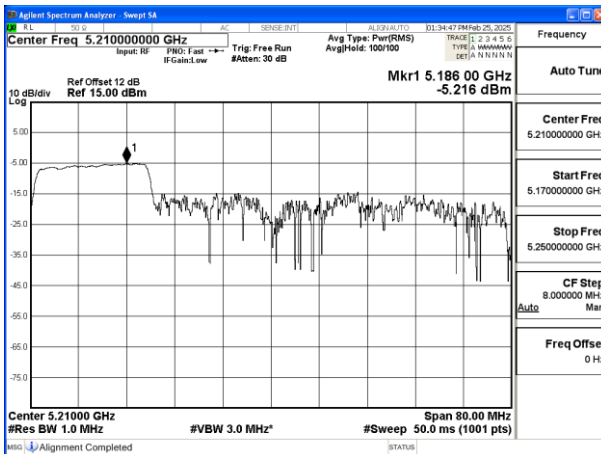
Test Report No.: PSU-NQN2502170213RF010



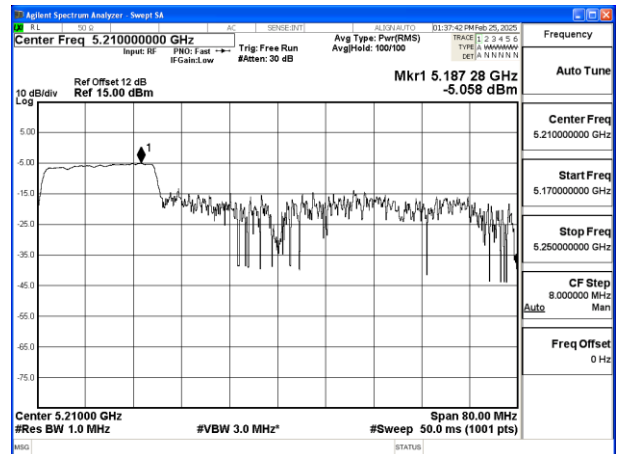
Mode:802.11ax HE80 Tone:106T  
Frequency:5210MHz Ant:Chain0



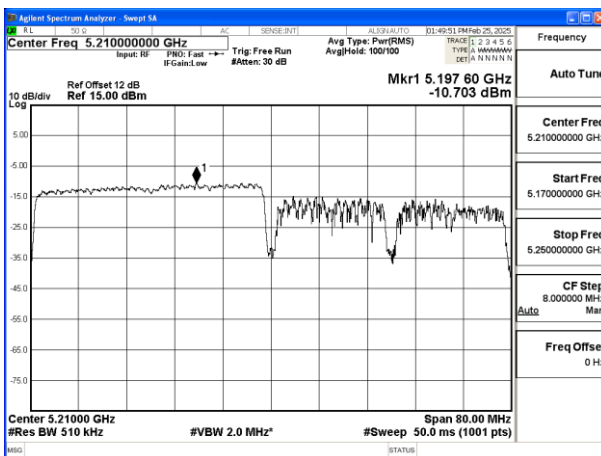
Mode:802.11ax HE80 Tone:106T  
Frequency:5210MHz Ant:Chain1



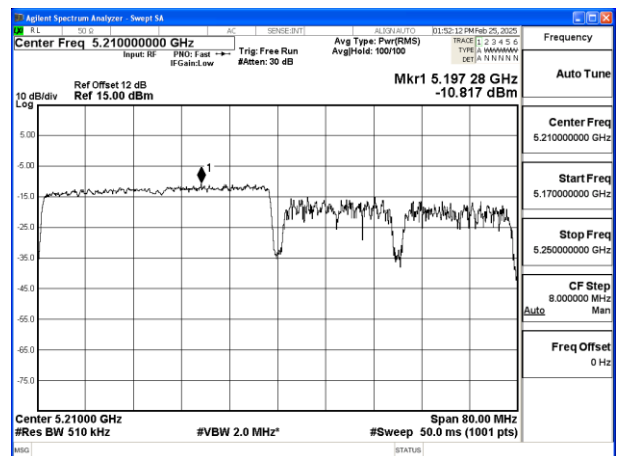
Mode:802.11ax HE80 Tone:242T  
Frequency:5210MHz Ant:Chain0



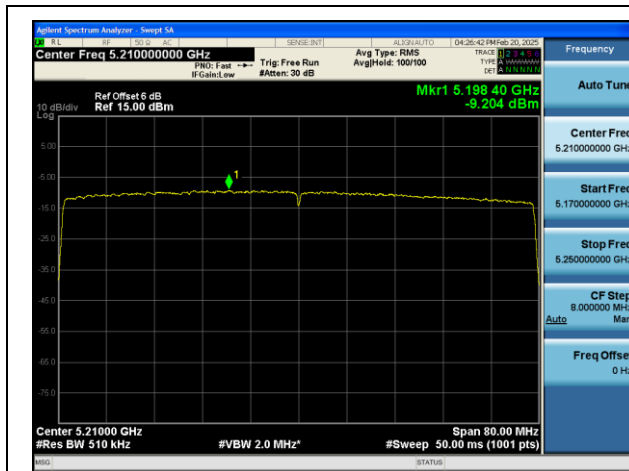
Mode:802.11ax HE80 Tone:242T  
Frequency:5210MHz Ant:Chain1



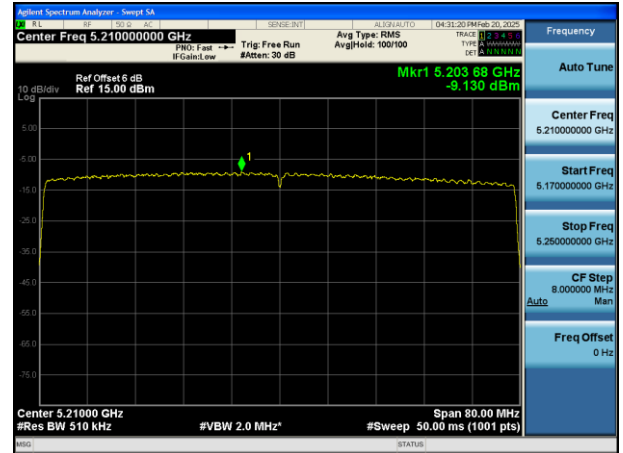
Mode:802.11ax HE80 Tone:484T  
Frequency:5210MHz Ant:Chain0



Mode:802.11ax HE80 Tone:484T  
Frequency:5210MHz Ant:Chain1



Mode:802.11ax HE80 Tone:996T  
Frequency:5210MHz Ant:Chain0

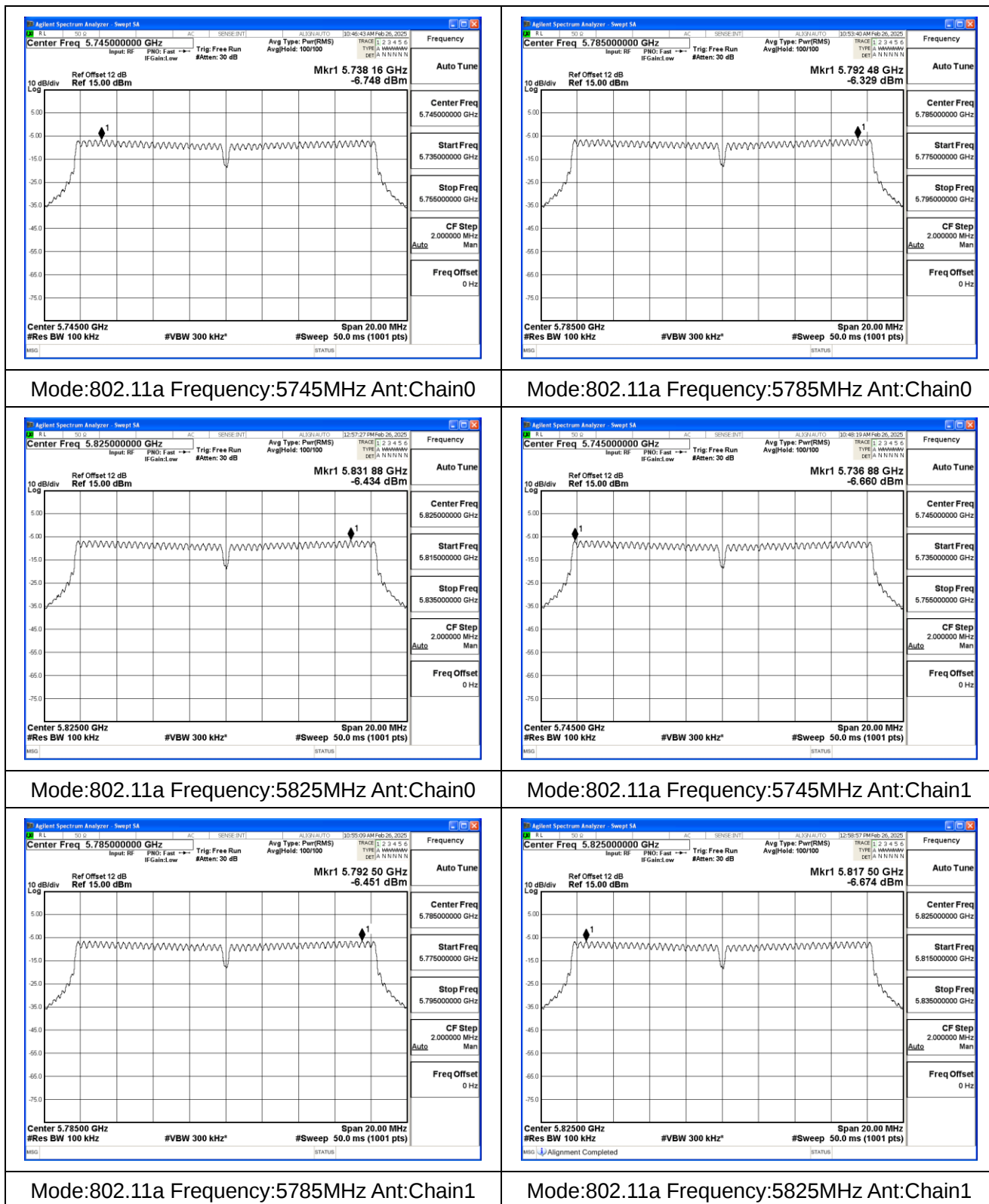


Mode:802.11ax HE80 Tone:996T  
Frequency:5210MHz Ant:Chain1



## UNII-3

Test Mode: 802.11a

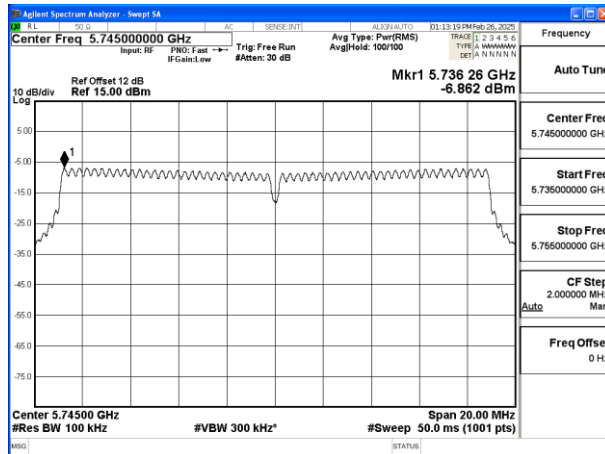




BUREAU  
VERITAS

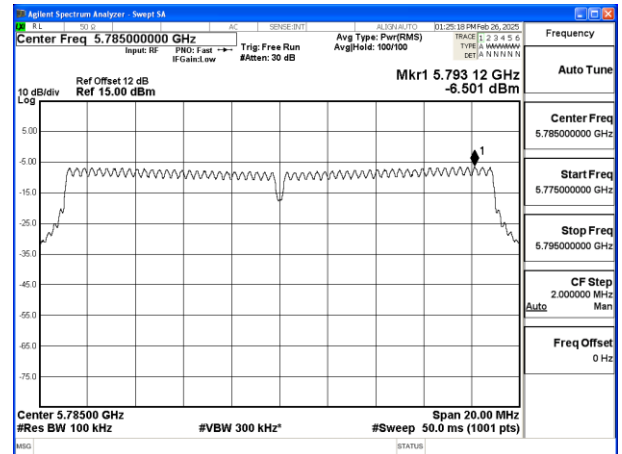
Test Report No.: PSU-NQN2502170213RF010

Test Mode: 802.11n HT20



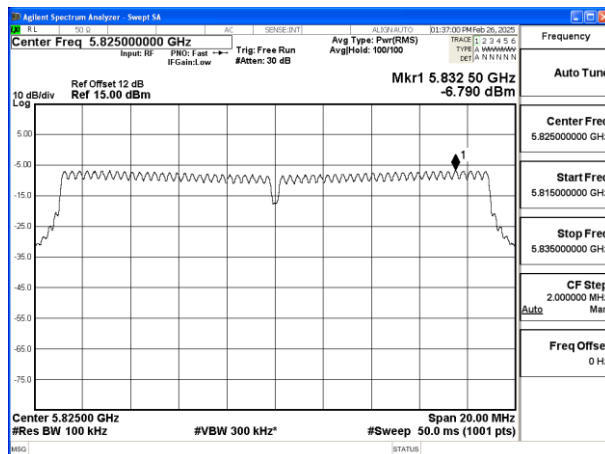
Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain0



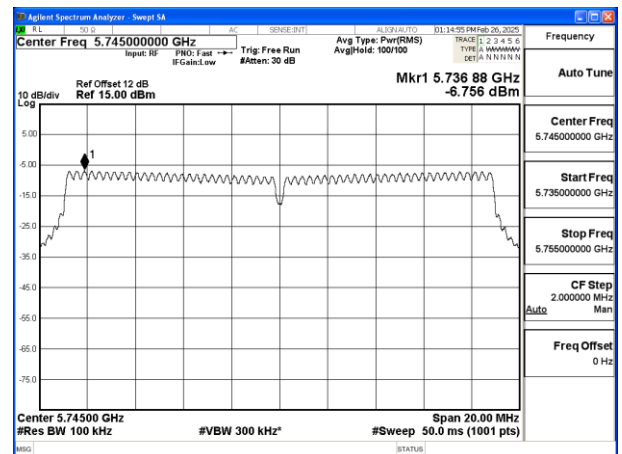
Mode:802.11n HT20 Frequency:5785MHz

Ant:Chain0



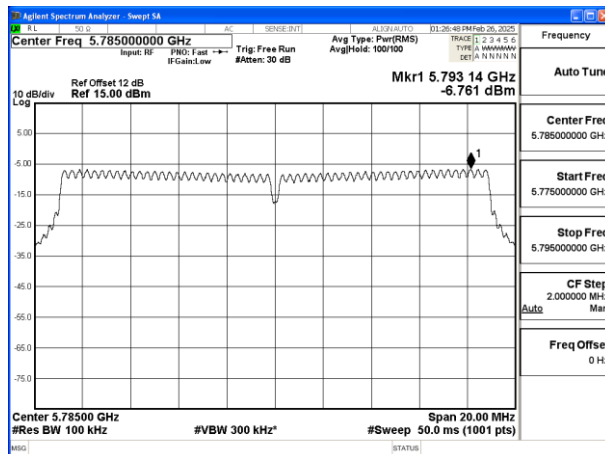
Mode:802.11n HT20 Frequency:5825MHz

Ant:Chain0

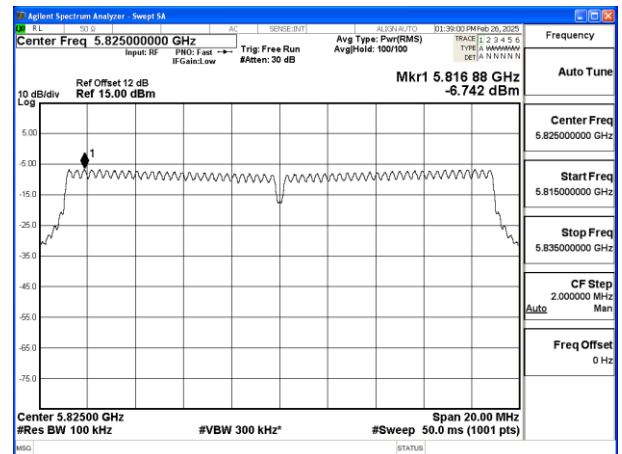


Mode:802.11n HT20 Frequency:5745MHz

Ant:Chain1



Mode:802.11n HT20 Frequency:5785MHz



Mode:802.11n HT20 Frequency:5825MHz